



FCC PART 15.407

LP0002-2018

## TEST REPORT

For

**Cisco Systems, Inc.**

125 W Tasman Drive

San Jose, CA 95134, USA

**FCC ID: LDKAX5122118**

|                                                                                                                                                                                                   |                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| <b>Report Type:</b><br>Original Report                                                                                                                                                            | <b>Product type:</b><br>Cisco Catalyst 9130AX Series<br>Wi-Fi 6 Access Points |
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| <b>Report Number:</b> R1906171-09                                                                                                                                                                 |                                                                               |
| <b>Report Date:</b> 2019-08-30                                                                                                                                                                    |                                                                               |
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**DOCUMENT REVISION HISTORY**

| Revision Number | Report Number | Description of Revision | Date of Revision |
|-----------------|---------------|-------------------------|------------------|
| 0               | R1906171-09   | Original Report         | 2019-08-30       |

# 1 General Description

## 1.1 Product Description for Equipment under Test (EUT)

This test and measurement report was prepared on behalf of *Cisco Systems, Inc.* and their product model: *C9130AXI-B (USA)*, *C9130AXI-T (Taiwan)*, FCC ID: LDKAX5122118, or the “EUT” as referred to in this report. The product is an 802.11ax Access Point.

## 1.2 Objective

This report is prepared on behalf of Cisco Systems, Inc. in accordance with FCC CFR47 §15.407 and LP0002-2018.

The objective is to determine compliance with FCC Part 15.407 and LP0002-2018 rules for Output Power, Antenna Requirements, AC Line Conducted Emissions, Emission Bandwidth, Power spectral density, Conducted and Radiated Spurious Emissions.

## 1.3 Related Submittal(s)/Grant(s)

Equipment Class: DTS

## 1.4 Test Methodology

All measurements contained in this report were conducted in accordance with ANSI C63.10-2013, American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the range of 9 kHz to 40 GHz, and FCC KDB 789033 D02 General UNII Test Procedure New Rules v02r01.

## 1.5 Measurement Uncertainty

All measurements involve certain levels of uncertainties, especially in the field of EMC. The factors contributing to uncertainties are spectrum analyzer, cable loss, antenna factor calibration, antenna directivity, antenna factor variation with height, antenna phase center variation, antenna factor frequency interpolation, measurement distance variation, site imperfections, mismatch (average), and system repeatability.

| Parameter                         | Measurement uncertainty |
|-----------------------------------|-------------------------|
| Occupied Channel Bandwidth        | 34kHz                   |
| RF output power, conducted        | 4.84 dB                 |
| Power Spectral Density, conducted | 1.69 dB                 |
| Unwanted Emissions, conducted     | 4.84dB                  |
| All emissions, radiated           | 5.18 dB                 |
| AC power line Conducted Emission  | 4.22 dB                 |
| Temperature                       | ±2 ° C                  |
| Humidity                          | ±5 %                    |
| DC and low frequency voltages     | ±1.0 %                  |
| Time                              | ±2 %                    |
| Duty Cycle                        | ±3 %                    |

## 1.6 Test Facility Registrations

The Test site used by Bay Area Compliance Laboratories Corp. (Taiwan) to collect test data is located on

☒ 70, Lane 169, Sec. 2, Datong Road, Xizhi Dist., New Taipei City 22183, Taiwan, R.O.C.

☐ 68-3, Lane 169, Sec. 2, Datong Road, Xizhi Dist., New Taipei City 22183, Taiwan, R.O.C.

Bay Area Compliance Laboratories Corp. (Taiwan) Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code: 3180) and the FCC designation No.TW3180 under the Mutual Recognition Agreement (MRA) in FCC Test. The facility also complies with the radiated and AC line conducted test site criteria set forth in ANSI C63.10.

The Federal Communications Commission has the reports on file and is listed under FCC Registration No.: 974454. The test site has been approved by the FCC for public use and is listed in the FCC Public Access Link (PAL) database.

## 2 EUT Test Configuration

### 2.1 Justification

The EUT was configured for testing according to ANSI C63.10-2013 and FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

The EUT was tested in a testing mode to represent worst-case results during the final qualification test.

The worst-case data rates are determined by measuring the average power, peak power and PPSD across all data rates bandwidths, and modulations.

### 2.2 EUT Exercise Software

The test software used was Tera Term. The software is compliant with the standard requirements being tested against.

### 2.3 Duty Cycle Correction Factor

According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01 section B:

All measurements are to be performed with the EUT transmitting at 100% duty cycle at its maximum power control level; however, if 100% duty cycle cannot be achieved, measurements of duty cycle, x, and maximum-power transmission duration, T, are required for each tested mode of operation.

| Radio Mode | On Time (ms) | Period (ms) | Duty Cycle (%) | DCCF* (dB) | DCCF* (dB) |
|------------|--------------|-------------|----------------|------------|------------|
| Non HT20   | 1.43         | 1.55        | 92             | 0.36       | 0.72       |
| Non HT40   | 1.44         | 1.56        | 92             | 0.36       | 0.72       |
| Non HT80   | 1.43         | 1.55        | 92             | 0.36       | 0.72       |
| HT/VHT20   | 5.42         | 5.73        | 95             | 0.22       | 0.44       |
| HT/VHT40   | 5.38         | 5.72        | 94             | 0.27       | 0.54       |
| HT/VHT80   | 5.38         | 5.71        | 94             | 0.27       | 0.54       |
| HE20       | 5.43         | 1.56        | 95             | 0.22       | 0.44       |
| HE40       | 5.375        | 1.55        | 94             | 0.27       | 0.54       |
| HE80       | 5.42         | 1.55        | 95             | 0.22       | 0.54       |

Note\*: DCCF = Duty Cycle Correction Factor =  $10 \cdot \log(1/\text{duty cycle})$ , when power averaging was applied in average measurement; DCCF =  $20 \cdot \log(1/\text{duty cycle})$ , when voltage averaging was applied in average measurement.

## 2.4 Equipment Modifications

There are two RF cables, one for each antenna port, coming out of the EUT to connect the antenna ports to the measurement instrument.

## 2.5 Local Support Equipment

| Manufacturer | Description | Model |
|--------------|-------------|-------|
| Dell         | NB          | E6410 |

## 2.6 Support Equipment

None

## 2.7 Interface Ports and Cabling

| Cable Description | Length (m) | To           | From         |
|-------------------|------------|--------------|--------------|
| Cat5e             | ~1         | EUT          | POE Injector |
| Cat5e             | ~1         | POE Injector | NB           |



### 3 Summary of Test Results

| FCC Rules                                                                       | Description of Test                     | Result            |
|---------------------------------------------------------------------------------|-----------------------------------------|-------------------|
| FCC §2.1091, §15.407(f)<br>LP0002-2018 §5.20.2                                  | RF Exposure                             | Compliant         |
| FCC §15.203<br>LP0002-2018 §2.2                                                 | Antenna Requirement                     | Compliant         |
| FCC §15.207<br>LP0002-2018 §2.3                                                 | AC Power Line Conducted Emissions       | Note <sup>1</sup> |
| FCC §2.1053, §15.205,<br>§15.209, §15.407(b)<br>LP0002-2018 §2.7, §2.8,<br>§4.7 | Spurious Radiated Emissions             | Note <sup>1</sup> |
| FCC §15.407(e)<br>LP0002-2018 §4.7                                              | Emission Bandwidth                      | Compliant         |
| FCC §407(a)<br>LP0002-2018 §4.7                                                 | Output Power                            | Compliant         |
| FCC §2.1051, §15.407(b)<br>LP0002-2018 §4.7                                     | Band Edges                              | Compliant         |
| FCC §15.407(a)<br>LP0002-2018 §4.7                                              | Power Spectral Density                  | Compliant         |
| FCC §2.1051, §15.407(b)<br>LP0002-2018 §4.7                                     | Spurious Emissions at Antenna Terminals | Compliant         |
| FCC §15.407(h)<br>LP0002-2018 §4.7                                              | Dynamic Frequency Selection (DFS)       | N/A               |

Note<sup>1</sup>: compliance test data was recorded in a seaprate report, please refer to Test Report: RLK190621001-00C.

## 4 FCC §15.203, LP0002-2018 §2.2 - Antenna Requirements

### 4.1 Applicable Standards

According to FCC §15.203:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

And according to FCC §15.247 (b) (4), if transmitting antennas of directional gain greater than 6 dBi are used the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

### 4.2 Antenna List

| Radio     | Item               | Manufacturer | Antenna Type     | Antenna Gain |
|-----------|--------------------|--------------|------------------|--------------|
| BLE       | BLE                | Cisco        | Internal antenna | 4 dBi        |
| XOR       | Wi-Fi 2.4G Chain 0 | Cisco        | Internal antenna | 4 dBi        |
|           | Wi-Fi 2.4G Chain 1 | Cisco        | Internal antenna | 4 dBi        |
|           | Wi-Fi 2.4G Chain 2 | Cisco        | Internal antenna | 4 dBi        |
|           | Wi-Fi 2.4G Chain 3 | Cisco        | Internal antenna | 4 dBi        |
|           | Wi-Fi 5G Chain 0   | Cisco        | Internal antenna | 6 dBi        |
|           | Wi-Fi 5G Chain 1   | Cisco        | Internal antenna | 6 dBi        |
|           | Wi-Fi 5G Chain 2   | Cisco        | Internal antenna | 6 dBi        |
|           | Wi-Fi 5G Chain 3   | Cisco        | Internal antenna | 6 dBi        |
| Regular   | Wi-Fi 5G Chain 4   | Cisco        | Internal antenna | 6 dBi        |
|           | Wi-Fi 5G Chain 5   | Cisco        | Internal antenna | 6 dBi        |
|           | Wi-Fi 5G Chain 6   | Cisco        | Internal antenna | 6 dBi        |
|           | Wi-Fi 5G Chain 7   | Cisco        | Internal antenna | 6 dBi        |
| Chillwave | Wi-Fi 2.4G         | Cisco        | Internal antenna | 5 dBi        |
|           | Wi-Fi 5G           | Cisco        | Internal antenna | 6 dBi        |

*The EUT has an internal antenna arrangement, which was permanently attached, fulfill the requirement of this section.*

## 5 FCC §2.1091, §15.407(f), & LP0002-2018 §5.20.2 - RF Exposure

### 5.1 Applicable Standards

According to FCC §15.247(i), §15.407(f) and §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

#### Limits for General Population/Uncontrolled Exposure

| Frequency Range (MHz)                               | Electric Field Strength (V/m) | Magnetic Field Strength (A/m) | Power Density (mW/cm <sup>2</sup> ) | Averaging Time (minutes) |
|-----------------------------------------------------|-------------------------------|-------------------------------|-------------------------------------|--------------------------|
| Limits for General Population/Uncontrolled Exposure |                               |                               |                                     |                          |
| 0.3-1.34                                            | 614                           | 1.63                          | * (100)                             | 30                       |
| 1.34-30                                             | 824/f                         | 2.19/f                        | * (180/f <sup>2</sup> )             | 30                       |
| 30-300                                              | 27.5                          | 0.073                         | 0.2                                 | 30                       |
| 300-1500                                            | /                             | /                             | f/1500                              | 30                       |
| 1500-100,000                                        | /                             | /                             | 1.0                                 | 30                       |

f = frequency in MHz

\* = Plane-wave equivalent power density

### 5.2 MPE Prediction

Predication of MPE limit at a given distance, Equation from OET Bulletin 65, Edition 97-01

$$S = PG/4\pi R^2$$

Where: S = power density

P = power input to antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna

### 5.3 MPE Results for FCC

#### BLE:

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>5.27</u>   |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>3.37</u>   |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u>  |
| <u>Prediction frequency (MHz):</u>                                                          | <u>2402</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>4.00</u>   |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>2.51</u>   |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.0007</u> |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>   |

#### 2.4 GHz XOR Wi-Fi (4x4):

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>23.70</u>  |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>234.42</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u>  |
| <u>Prediction frequency (MHz):</u>                                                          | <u>2437</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>10.00</u>  |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>10.00</u>  |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.21</u>   |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>   |

#### 2.4 GHz ChillWave Wi-Fi (SISO):

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>20.10</u>  |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>102.33</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u>  |
| <u>Prediction frequency (MHz):</u>                                                          | <u>2437</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>5.00</u>   |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>3.16</u>   |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.03</u>   |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>   |

**5 GHz XOR Wi-Fi (4x4)-5.2 GHz band:**

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>20.70</u>  |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>117.49</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u>  |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5200</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>12.02</u>  |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>15.92</u>  |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.17</u>   |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>   |

**5 GHz XOR Wi-Fi (4x4)-5.3 GHz band:**

|                                                                                             |              |
|---------------------------------------------------------------------------------------------|--------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>17.28</u> |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>53.46</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u> |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5270</u>  |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>12.02</u> |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>15.92</u> |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.08</u>  |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>  |

**5 GHz XOR Wi-Fi (4x4)-5.6 GHz band:**

|                                                                                             |              |
|---------------------------------------------------------------------------------------------|--------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>17.95</u> |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>62.37</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u> |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5550</u>  |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>12.02</u> |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>15.92</u> |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.09</u>  |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>  |

**5 GHz XOR Wi-Fi (4x4)-5.8 GHz band:**

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>22.62</u>  |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>182.81</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u>  |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5775</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>12.02</u>  |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>15.92</u>  |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.26</u>   |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>   |

**5 GHz Regular Wi-Fi (4x4)-5.2 GHz band:**

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>21.63</u>  |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>145.55</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u>  |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5230</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>12.02</u>  |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>15.92</u>  |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.20</u>   |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>   |

**5 GHz Regular Wi-Fi (4x4)-5.3 GHz band:**

|                                                                                             |              |
|---------------------------------------------------------------------------------------------|--------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>18.44</u> |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>69.82</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u> |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5270</u>  |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>10.77</u> |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>11.94</u> |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.07</u>  |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>  |

**5 GHz Regular Wi-Fi (4x4)-5.6 GHz band:**

|                                                                                             |              |
|---------------------------------------------------------------------------------------------|--------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>17.32</u> |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>53.95</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u> |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5670</u>  |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>12.02</u> |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>15.92</u> |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.08</u>  |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>  |

**5 GHz Regular Wi-Fi (4x4)-5.8 GHz band:**

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>21.21</u>  |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>132.13</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u>  |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5755</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>12.02</u>  |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>15.92</u>  |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.19</u>   |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>   |

**5 GHz Wi-Fi (8x8)-5.2 GHz band:**

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>23.23</u>  |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>210.38</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u>  |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5200</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>12.02</u>  |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>15.92</u>  |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.30</u>   |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>   |

**5 GHz Wi-Fi (8x8)-5.3 GHz band:**

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>23.14</u>  |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>206.06</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u>  |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5270</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>6.58</u>   |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>4.55</u>   |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.08</u>   |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>   |

**5 GHz Wi-Fi (8x8)-5.6 GHz band:**

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>23.08</u>  |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>203.24</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u>  |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5510</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>6.58</u>   |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>4.55</u>   |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.08</u>   |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>   |

**5 GHz Wi-Fi (8x8)-5.8 GHz band:**

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>25.74</u>  |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>374.97</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u>  |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5785</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>10.26</u>  |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>10.62</u>  |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.35</u>   |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>   |

**5 GHz ChillWave Wi-Fi (SISO)-5.2 GHz band:**

|                                                                                             |              |
|---------------------------------------------------------------------------------------------|--------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>19.70</u> |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>93.33</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u> |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5240</u>  |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>6.00</u>  |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>3.98</u>  |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.03</u>  |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>  |

**5 GHz ChillWave Wi-Fi (SISO)-5.3 GHz band:**

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>20.20</u>  |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>104.71</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u>  |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5300</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>6.00</u>   |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>3.98</u>   |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.04</u>   |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>   |

**5 GHz ChillWave Wi-Fi (SISO)-5.6 GHz band:**

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>20.10</u>  |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>102.33</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u>  |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5560</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>6.00</u>   |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>3.98</u>   |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.04</u>   |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>   |

**5 GHz ChillWave Wi-Fi (SISO)-5.8 GHz band:**

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>20.20</u>  |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>104.71</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u>  |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5745</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>6.00</u>   |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>3.98</u>   |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.04</u>   |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>   |



**Radio Co-location**

| Case | Standalone MPE (mW/cm <sup>2</sup> ) |                      |                    |                |              |                  |              | Total<br>MPE<br>Ratio | Limit |
|------|--------------------------------------|----------------------|--------------------|----------------|--------------|------------------|--------------|-----------------------|-------|
|      | BLE                                  | 2.4 GHz<br>ChillWave | 5 GHz<br>ChillWave | 2.4 GHz<br>XOR | 5 GHz<br>XOR | 5 GHz<br>Regular | 5 GHz<br>8x8 |                       |       |
| 1    | 0.0007                               | 0.03                 | -                  | 0.21           | 0.26         | 0.20             | -            | 0.701                 | 1     |
| 2    | 0.0007                               | -                    | 0.04               | 0.21           | 0.26         | 0.20             | -            | 0.711                 | 1     |
| 3    | 0.0007                               | 0.03                 | -                  | -              | -            | -                | 0.35         | 0.381                 | 1     |
| 4    | 0.0007                               | -                    | 0.04               | -              | -            | -                | 0.35         | 0.391                 | 1     |

**Conclusion**

The device is compliant with the requirement MPE limit for uncontrolled exposure. All transceiver modules must be installed with a separation distance of no less than **30** cm from all persons.

## 6 FCC §15.407(e), LP0002-2018 §4.7 - 6 dB, 26 dB, and 99% Occupied Bandwidth

### 6.1 Applicable Standards

As per FCC §15.407(e): for equipment operating in the band 5725 – 5850 MHz, the minimum 6 dB bandwidth of U-NII devices shall be 500 kHz.

### 6.2 Measurement Procedure

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT without connection to measurement instrument. Turn on the EUT and connect it to measurement instrument. Then set it to any one convenient frequency within its operating range. Set a reference level on the measuring instrument equal to the highest peak value.
3. Measure the frequency difference of two frequencies that were attenuated 6 or 26 dB from the reference level. Record the frequency difference as the minimum emission or emission bandwidth.
4. Repeat above procedures until all frequencies measured were complete.

### 6.3 Test Equipment List and Details

| Manufacturer    | Description       | Model No. | Serial No.    | Calibration Date | Calibration Due |
|-----------------|-------------------|-----------|---------------|------------------|-----------------|
| Rohde & Schwarz | Spectrum Analyzer | FSV40     | 101140        | 2018/11/22       | 2019/11/21      |
| MINI-CIRCUITS   | Attenuator        | BW-S9W5+  | N/A           | 2019/03/07       | 2020/03/07      |
| WOKEN           | Cable             | SFL402    | S02-160323-07 | 2019/02/11       | 2020/02/10      |

**Statement of Traceability:** *BACL Corp.* attests that all of the calibrations on the equipment items listed above were traceable to the SI System of Units via the R.O.C. Center for Measurement Standards of the Electronics Testing Center, Taiwan (ETC) or to another internationally recognized National Metrology Institute (NMI), and were compliant with the current Taiwan Accreditation Foundation (TAF) requirements.

### 6.4 Test Environmental Conditions

|                    |              |
|--------------------|--------------|
| Temperature:       | 23.0~27.4 °C |
| Relative Humidity: | 40~62 %      |
| ATM Pressure:      | 1010 hPa     |

The testing was performed by Boris Kao on 2019-06-21~2019-08-28.

### 6.5 Test Results

Please refer to Annex for test results and plots

## 7 FCC §407(a), LP0002-2018 §4.7 - Output Power

---

### 7.1 Applicable Standards

According to FCC §15.407(a):

(1) For the band 5.15-5.25 GHz.

(i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(iv) For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(2) For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or  $11 \text{ dBm} + 10 \log B$ , where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(3) For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple colocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

Note to paragraph (a)(3): The Commission strongly recommends that parties employing U-NII devices to provide critical communications services should determine if there are any nearby Government radar systems that could affect their operation.

(4) The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.

(5) The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test. If the device cannot be connected directly, alternative techniques acceptable to the Commission may be used. Measurements in the 5.725-5.85 GHz band are made over a reference bandwidth of 500 kHz or the 26 dB emission bandwidth of the device, whichever is less. Measurements in the 5.15-5.25 GHz, 5.25-5.35 GHz, and the 5.47-5.725 GHz bands are made over a bandwidth of 1 MHz or the 26 dB emission bandwidth of the device, whichever is less. A narrower resolution bandwidth can be used, provided that the measured power is integrated over the full reference bandwidth.

## 7.2 Measurement Procedure

1. Place the EUT on a bench and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to a spectrum analyzer.

## 7.3 Test Equipment List and Details

| Manufacturer  | Description  | Model No. | Serial No.    | Calibration Date | Calibration Due |
|---------------|--------------|-----------|---------------|------------------|-----------------|
| KEYSIGHT      | Power Sensor | U2021XA   | MY54080018    | 2019/03/06       | 2020/03/05      |
| MINI-CIRCUITS | Attenuator   | BW-S9W5+  | N/A           | 2019/03/07       | 2020/03/07      |
| WOKEN         | Cable        | SFL402    | S02-160323-07 | 2019/02/11       | 2020/02/10      |

**Statement of Traceability:** *BACL Corp.* attests that all of the calibrations on the equipment items listed above were traceable to the SI System of Units via the R.O.C. Center for Measurement Standards of the Electronics Testing Center, Taiwan (ETC) or to another internationally recognized National Metrology Institute (NMI), and were compliant with the current Taiwan Accreditation Foundation (TAF) requirements.

## 7.4 Test Environmental Conditions

|                           |              |
|---------------------------|--------------|
| <b>Temperature:</b>       | 23.0~27.4 °C |
| <b>Relative Humidity:</b> | 40~62 %      |
| <b>ATM Pressure:</b>      | 1010 hPa     |

*The testing was performed by Boris Kao on 2019-06-21~2019-08-28.*

## 7.5 Test Results

Please refer to Annex for test results and plots

## 8 FCC §15.407(a), LP0002-2018 §4.7 - Power Spectral Density

### 8.1 Applicable Standards

According to FCC §15.407(a):

For the band 5.15-5.25 GHz.

(i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(iv) For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or  $11 \text{ dBm} + 10 \log B$ , where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may

employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

## 8.2 Measurement Procedure

- (i) Set span to encompass the entire emission bandwidth (EBW) of the signal.
- (ii) Set RBW = 1 MHz.
- (iii) Set VBW  $\geq$  3 MHz.
- (iv) Number of points in sweep  $\geq$  2 Span / RBW. (This ensures that bin-to-bin spacing is  $\leq$  RBW/2, so that narrowband signals are not lost between frequency bins.)
- (v) Sweep time = auto.
- (vi) Detector = RMS (i.e., power averaging), if available. Otherwise, use sample detector mode.
- (vii) If transmit duty cycle < 98 percent, use a video trigger with the trigger level set to enable triggering only on full power pulses. Transmitter must operate at maximum power control level for the entire duration of every sweep. If the EUT transmits continuously (i.e., with no off intervals) or at duty cycle  $\geq$  98 percent, and if each transmission is entirely at the maximum power control level, then the trigger shall be set to “free run”.
- (viii) Trace average at least 100 traces in power averaging (i.e., RMS) mode.
- (ix) Use the peak search function on the instrument to find the peak of the spectrum and record its value.

## 8.3 Test Equipment List and Details

| Manufacturer    | Description       | Model No. | Serial No.    | Calibration Date | Calibration Due |
|-----------------|-------------------|-----------|---------------|------------------|-----------------|
| Rohde & Schwarz | Spectrum Analyzer | FSV40     | 101140        | 2018/11/22       | 2019/11/21      |
| MINI-CIRCUITS   | Attenuator        | BW-S9W5+  | N/A           | 2019/03/07       | 2020/03/07      |
| WOKEN           | Cable             | SFL402    | S02-160323-07 | 2019/02/11       | 2020/02/10      |

**Statement of Traceability:** *BACL Corp.* attests that all of the calibrations on the equipment items listed above were traceable to the SI System of Units via the R.O.C. Center for Measurement Standards of the Electronics Testing Center, Taiwan (ETC) or to another internationally recognized National Metrology Institute (NMI), and were compliant with the current Taiwan Accreditation Foundation (TAF) requirements.

## 8.4 Test Environmental Conditions

|                    |              |
|--------------------|--------------|
| Temperature:       | 23.0~27.4 °C |
| Relative Humidity: | 40~62 %      |
| ATM Pressure:      | 1010 hPa     |

The testing was performed by Boris Kao on 2019-06-21~2019-08-28.

## **8.5 Test Results**

Please refer to Annex for test results and plots



## 9 FCC §15.407(b), LP0002-2018 §4.7 - Out of Band Emissions

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### 9.1 Applicable Standards

According to FCC §15.407(b):

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of  $-27$  dBm/MHz.

For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of  $-27$  dBm/MHz.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of  $-27$  dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of  $-27$  dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209. Further, any U-NII devices using an AC power line are required to comply also with the conducted limits set forth in §15.207.

The provisions of §15.205 apply to intentional radiators operating under this section.

### 9.2 Measurement Procedure

Add a correction factor (antenna gain+ Attenuator loss+cable loss) to the offset of the spectrum analyzer.  
Integration Method

1. For peak emissions measurements, follow the procedures described in section H)5), “Procedures for Peak Unwanted Emissions Measurements above 1000 MHz”, except for the following changes:
  - Set RBW = 100 kHz
  - Set VBW = 3RBW
  - Perform a band-power integration across the 1 MHz bandwidth in which the band-edge emission level is to be measured. CAUTION: You must ensure that the spectrum analyzer or EMI receiver is set for peak-detection and max-hold for this measurement.
2. For average emissions measurements, follow the procedures described in section H)6), “Procedures for Average Unwanted Emissions Measurements above 1000 MHz”, except for the following changes:
  - Set RBW = 100 kHz
  - Set VBW = 3RBW
  - Perform a band-power integration across the 1 MHz bandwidth in which the band-edge emission level is to be measured.

### 9.3 Test Equipment List and Details

| Manufacturer    | Description       | Model No. | Serial No.    | Calibration Date | Calibration Due |
|-----------------|-------------------|-----------|---------------|------------------|-----------------|
| Rohde & Schwarz | Spectrum Analyzer | FSV40     | 101140        | 2018/11/22       | 2019/11/21      |
| MINI-CIRCUITS   | Attenuator        | BW-S9W5+  | N/A           | 2019/03/07       | 2020/03/07      |
| WOKEN           | Cable             | SFL402    | S02-160323-07 | 2019/02/11       | 2020/02/10      |

**Statement of Traceability:** *BACL Corp.* attests that all of the calibrations on the equipment items listed above were traceable to the SI System of Units via the R.O.C. Center for Measurement Standards of the Electronics Testing Center, Taiwan (ETC) or to another internationally recognized National Metrology Institute (NMI), and were compliant with the current Taiwan Accreditation Foundation (TAF) requirements.

### 9.4 Test Environmental Conditions

|                    |              |
|--------------------|--------------|
| Temperature:       | 23.0~27.4 °C |
| Relative Humidity: | 40~62 %      |
| ATM Pressure:      | 1010 hPa     |

The testing was performed by Boris Kao on 2019-06-21~2019-08-28.

### 9.5 Test Results

Please refer to Annex for test results and plots

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## **10 Appendix (Normative) - EUT Photographs**

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Please see attachments:

Appendix A – EUT Test Setup Photographs  
Appendix B – EUT External Photographs  
Appendix C – EUT Internal Photographs

## 11 Annex – Test Results and Measurement Plots

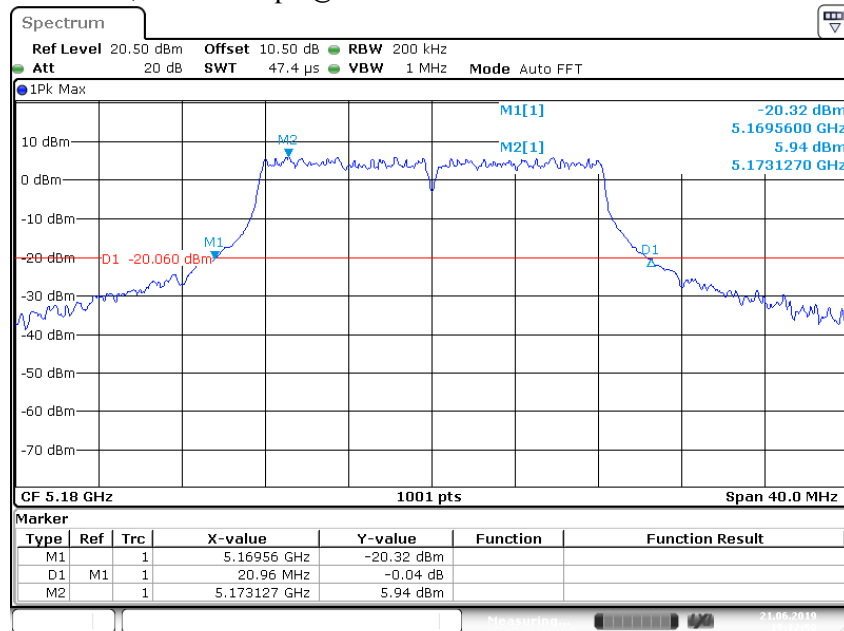
Test Data for Occupied Bandwidth

| Frequency (MHz) | Mode                             | Data Rate (Mbps) | 26dB BW (MHz) | 99% BW (MHz) |
|-----------------|----------------------------------|------------------|---------------|--------------|
| 5180            | non HT20, 6 to 54 Mbps           | 6                | 20.96         | 16.543       |
|                 | HT/VHT20, M0 to M7, M0.1 to M8.1 | m0               | 20.56         | 17.582       |
|                 | HE20, M0.1 to M11.1              | m0               | 21.08         | 18.941       |
| 5190            | non HT40, 6 to 54 Mbps           | 6                | 41.12         | 36.123       |
|                 | HT/VHT40, M0 to M7, M0.1 to M9.1 | m0               | 41.52         | 37.802       |
|                 | HE40, M0.1 to M11.1              | m0               | 40.64         | 36.28        |
| 5200            | non HT20, 6 to 54 Mbps           | 6                | 21.64         | 16.623       |
|                 | HT20, M0 to M7, M0.1 to M8.1     | m0               | 20.44         | 17.542       |
|                 | HE20, M0.1 to M11.1              | m0               | 21.28         | 18.941       |
| 5210            | non HT80, 6 to 54 Mbps           | 6                | 82.4          | 75.6         |
|                 | VHT80, M0.1 to M9.1              | m0               | 82.72         | 75.444       |
|                 | HE80, M0.1 to M11.1              | m0               | 82.56         | 77.362       |
| 5230            | non HT40, 6 to 54 Mbps           | 6                | 40.8          | 36.28        |
|                 | HT/VHT40, M0 to M7, M0.1 to M9.1 | m0               | 40.8          | 36.123       |
|                 | HE40, M0.1 to M11.1              | m0               | 41.76         | 37.802       |
| 5240            | non HT20, 6 to 54 Mbps           | 6                | 20.8          | 16.543       |
|                 | HT20, M0 to M7, M0.1 to M8.1     | m0               | 20.6          | 17.582       |
|                 | HE20, M0.1 to M11.1              | m0               | 21.12         | 18.941       |

Please refer to the following plots

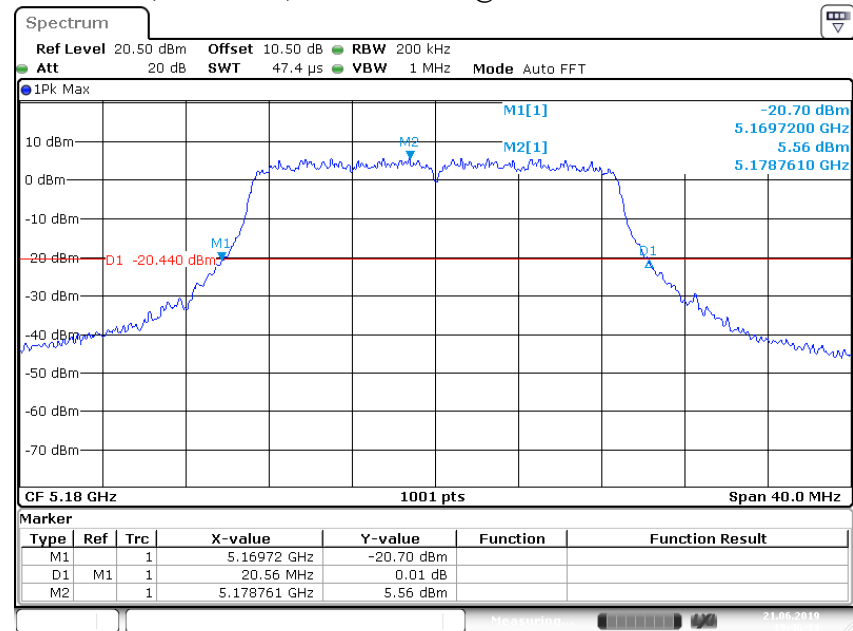
## 26 dB Bandwidth

non HT20, 6 to 54 Mbps @ 5180 MHz



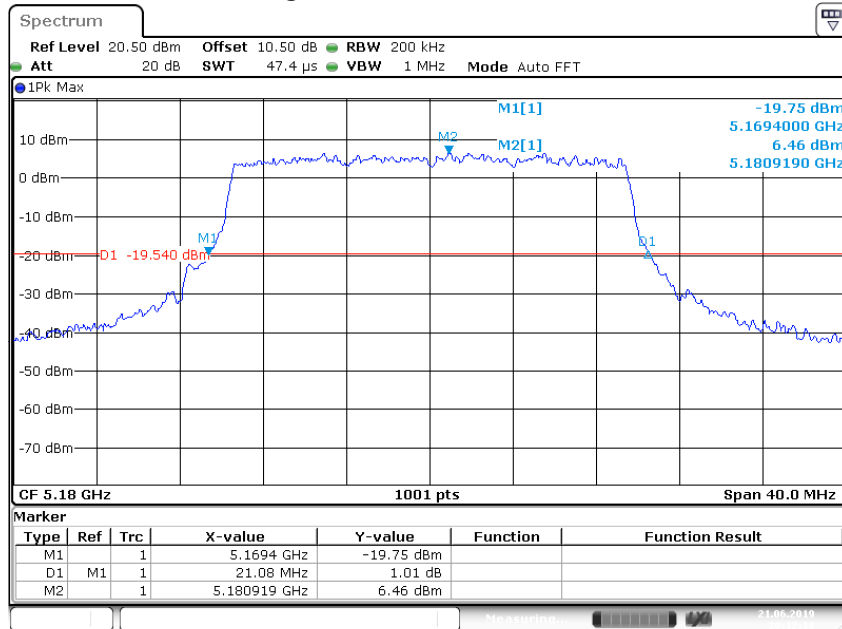
Date: 21 JUN 2019 19:12:50

HT/VHT20, M0 to M7, M0.1 to M8.1 @ 5180 MHz



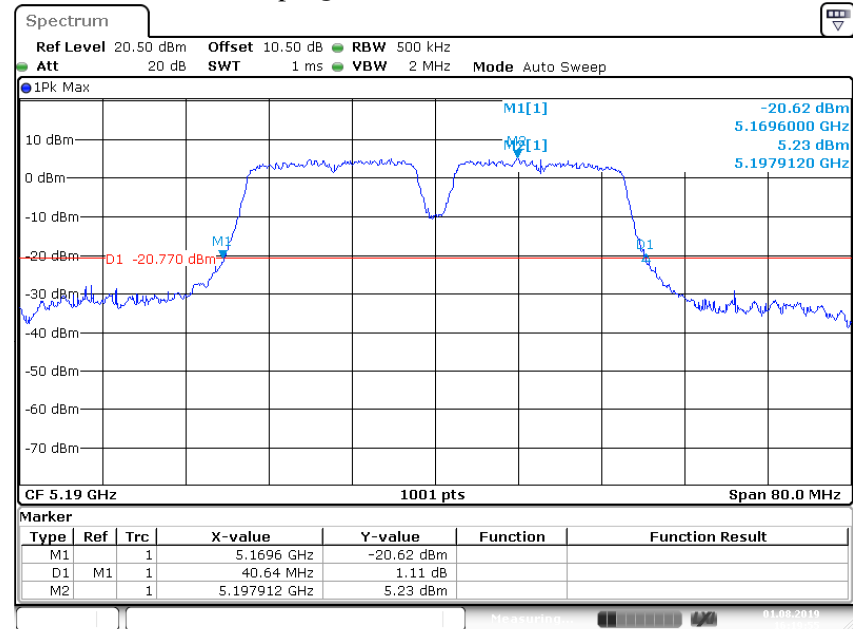
Date: 21 JUN 2019 19:46:13

## HE20, M0.1 to M11.1 @ 5180 MHz



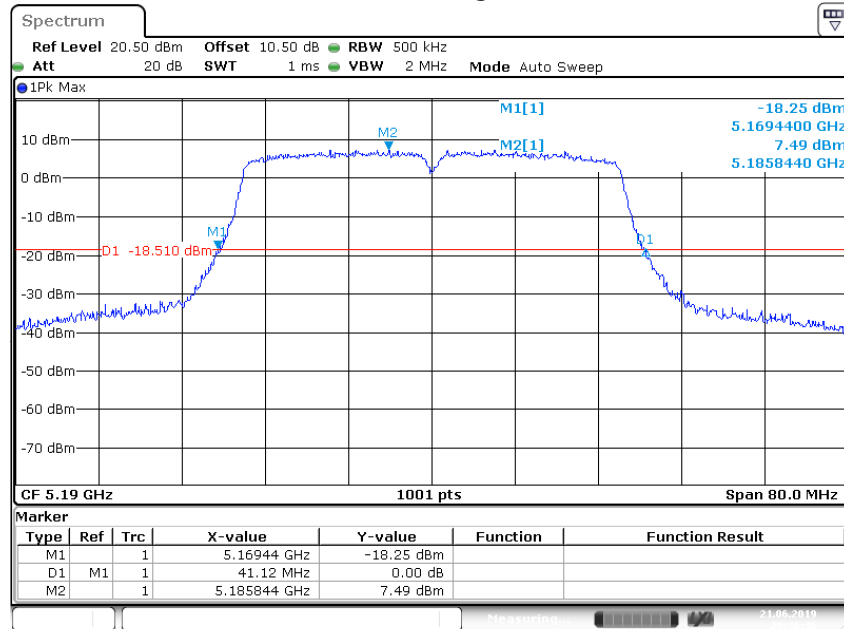
Date: 21.JUN.2019 20:12:19

## non HT40, 6 to 54 Mbps @ 5190 MHz



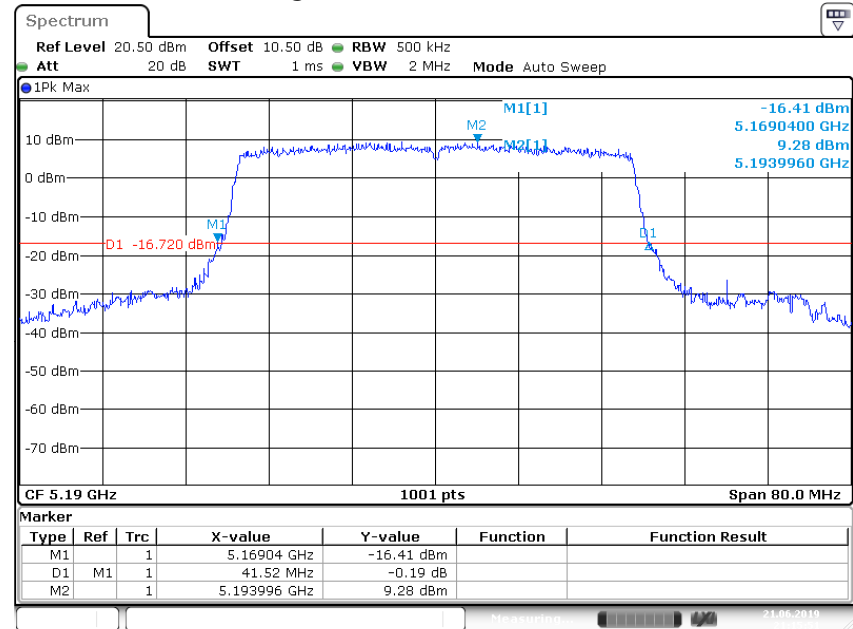
Date: 1.AUG.2019 16:19:55

## HT/VHT40, M0 to M7, M0.1 to M9.1 @ 5190 MHz



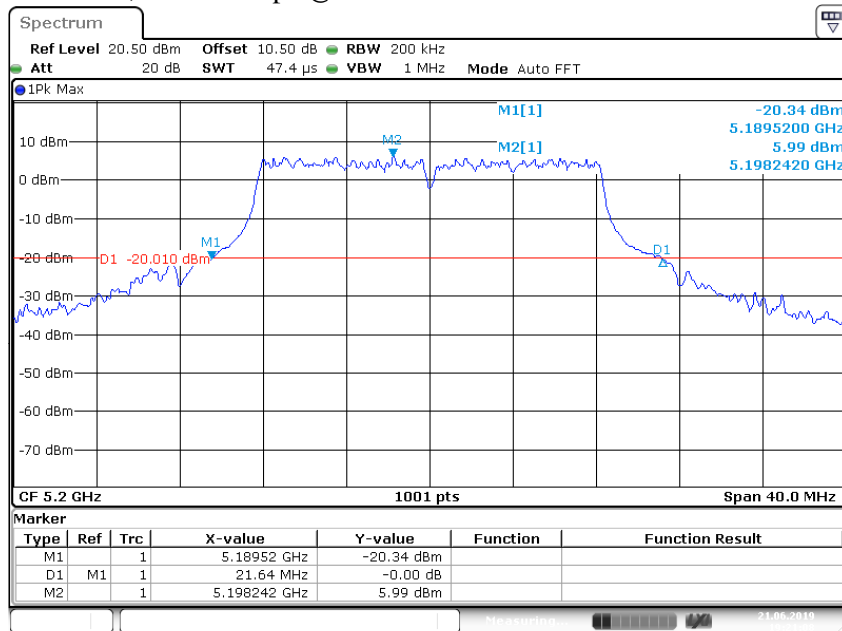
Date: 21.JUN.2019 20:48:37

## HE40, M0.1 to M11.1 @ 5190 MHz



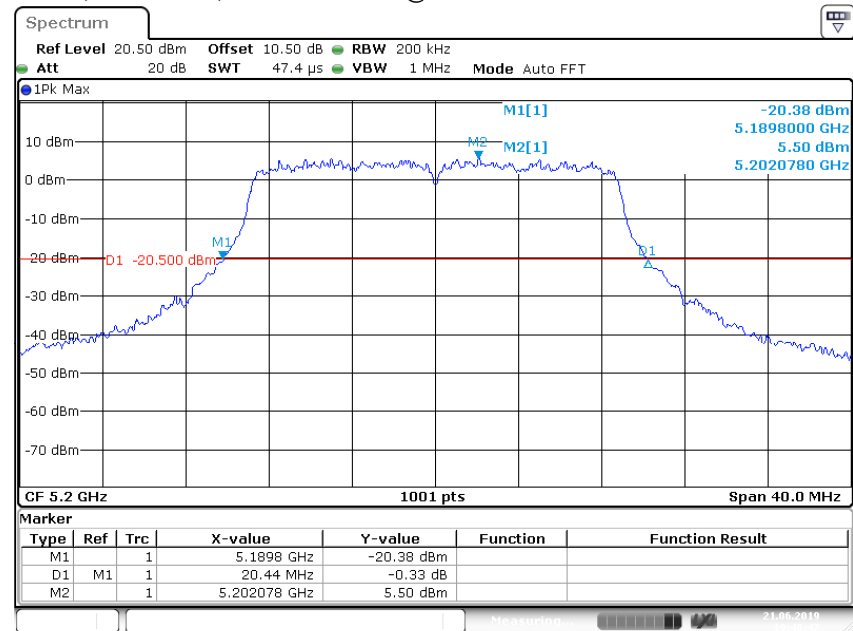
Date: 21.JUN.2019 21:15:51

## non HT20, 6 to 54 Mbps @ 5200 MHz



Date: 21.JUN.2019 19:21:08

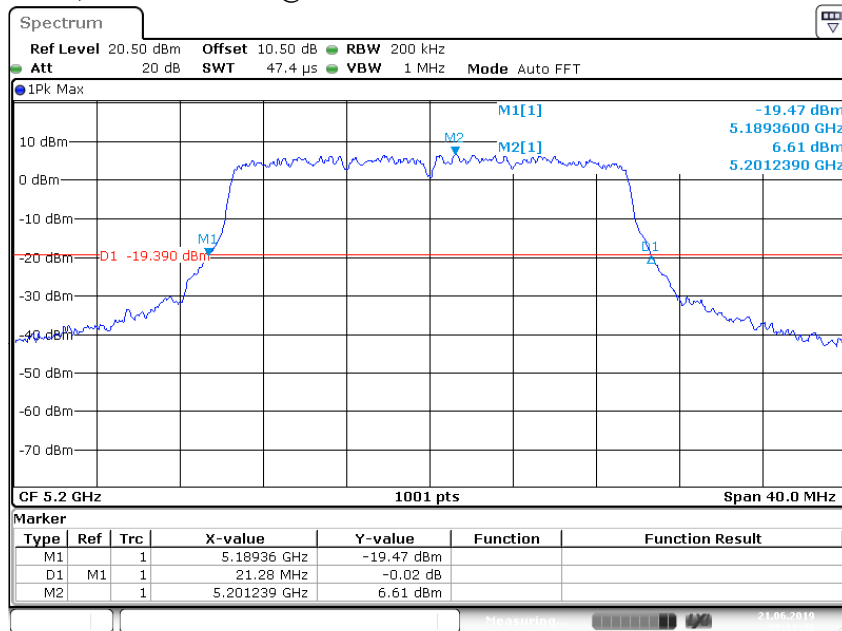
## HT20, M0 to M7, M0.1 to M8.1 @ 5200 MHz



Date: 21.JUN.2019 19:48:48

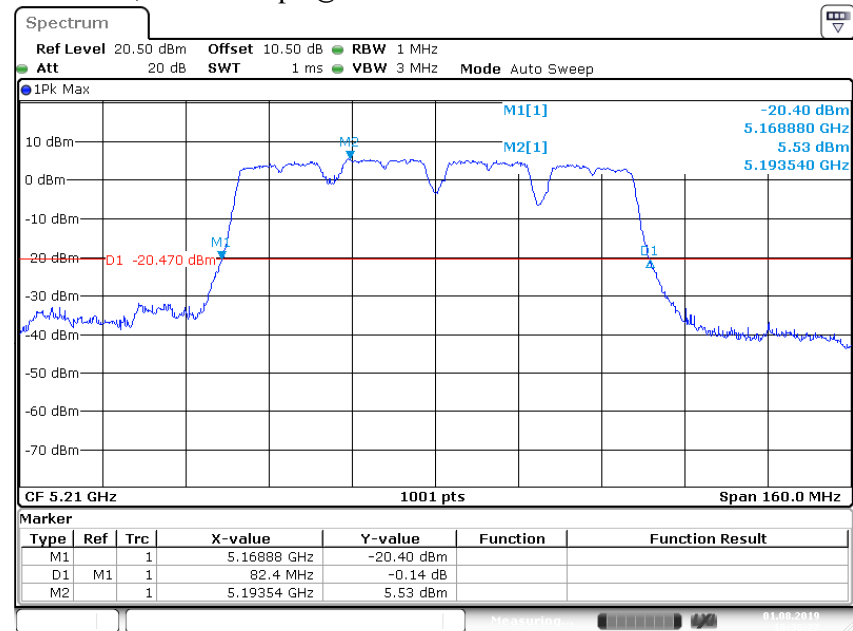


## HE20, M0.1 to M11.1 @ 5200 MHz



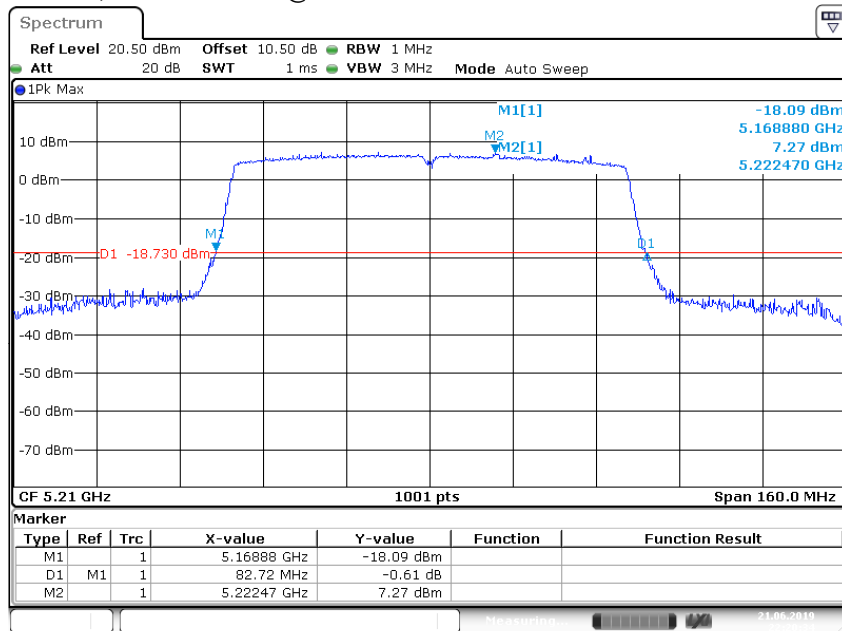
Date: 21.JUN.2019 20:13:46

## non HT80, 6 to 54 Mbps @ 5210 MHz



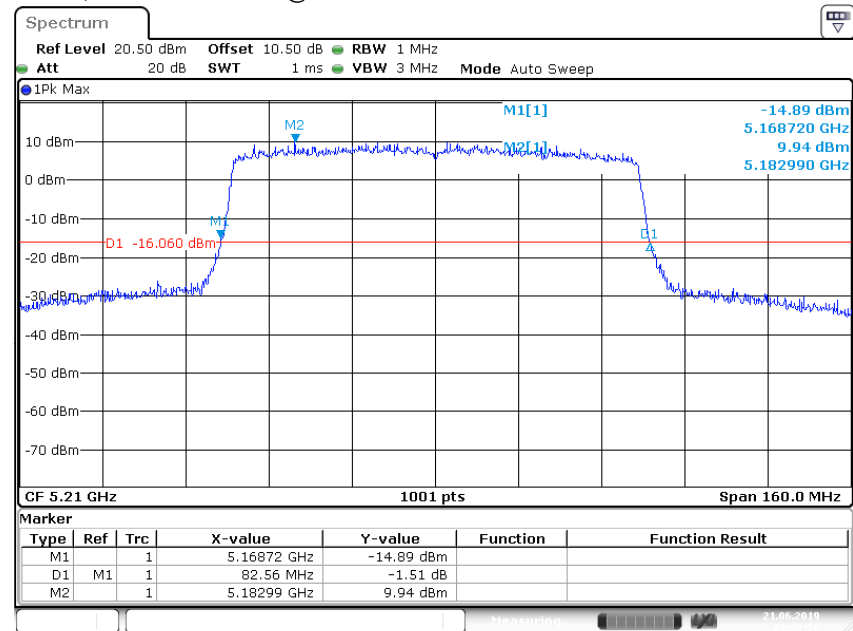
Date: 1.AUG.2019 16:36:27

## VHT80, M0.1 to M9.1 @ 5210 MHz



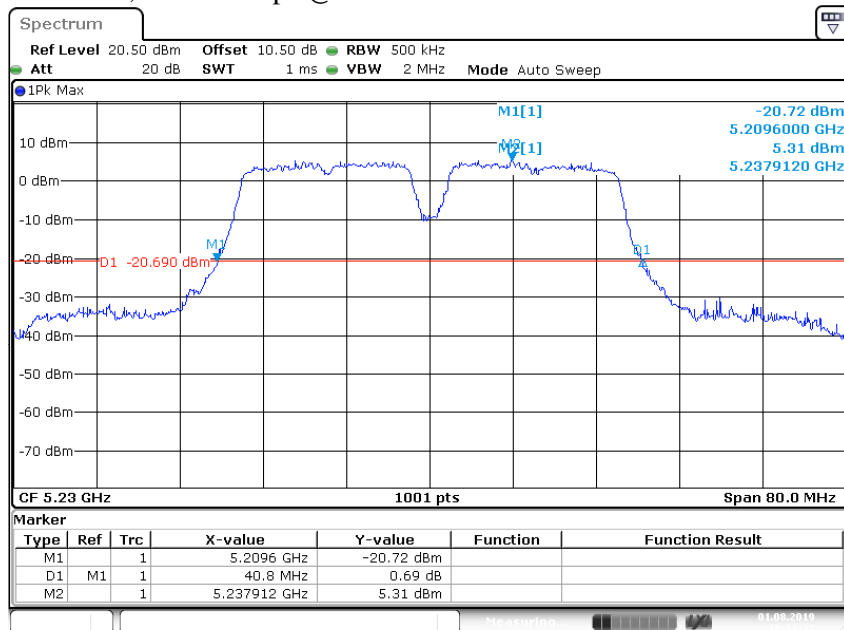
Date: 21.JUN.2019 22:20:35

## HE80, M0.1 to M11.1 @ 5210 MHz



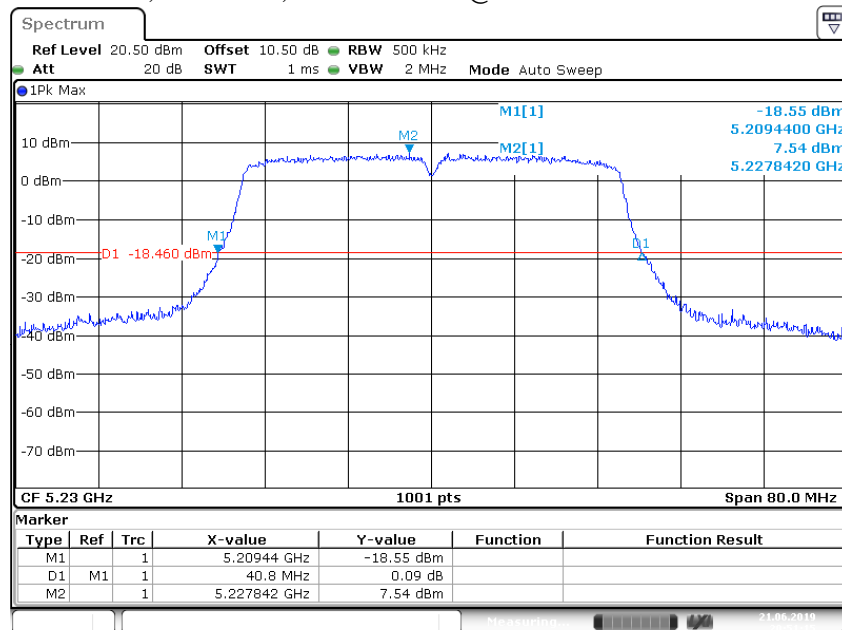
Date: 21.JUN.2019 22:02:49

## non HT40, 6 to 54 Mbps @ 5230 MHz



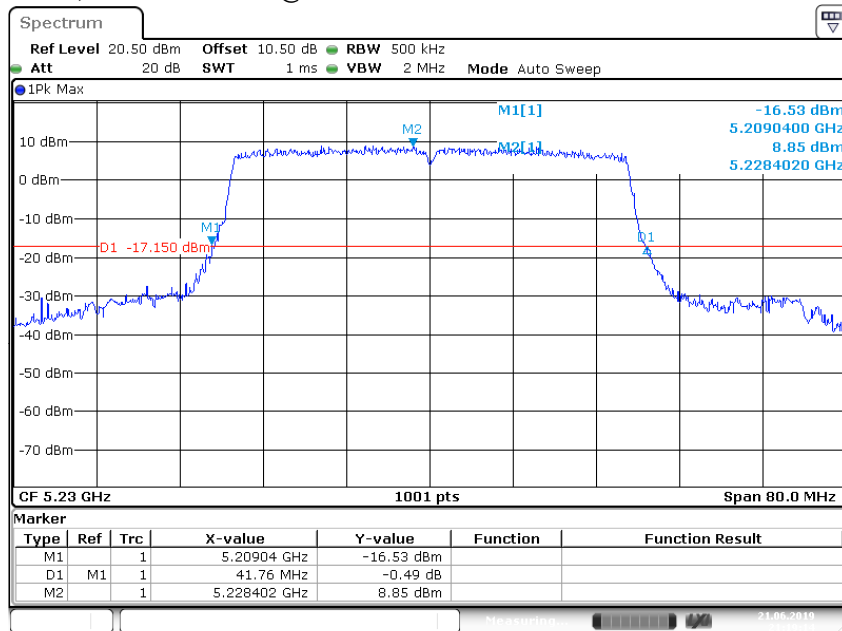
Date: 1.AUG.2019 16:22:27

## HT/VHT40, M0 to M7, M0.1 to M9.1 @ 5230 MHz



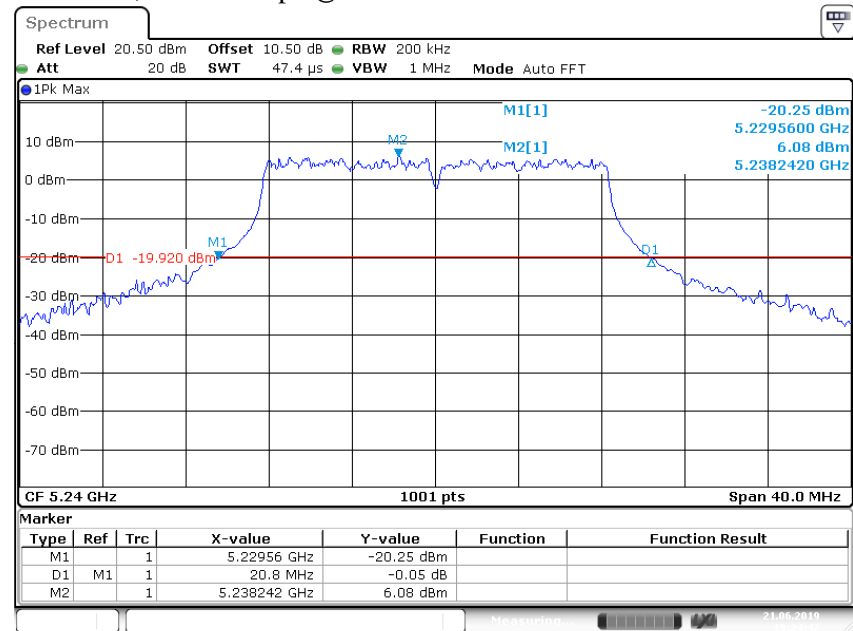
Date: 21.JUN.2019 20:51:16

## HE40, M0.1 to M11.1 @ 5230 MHz



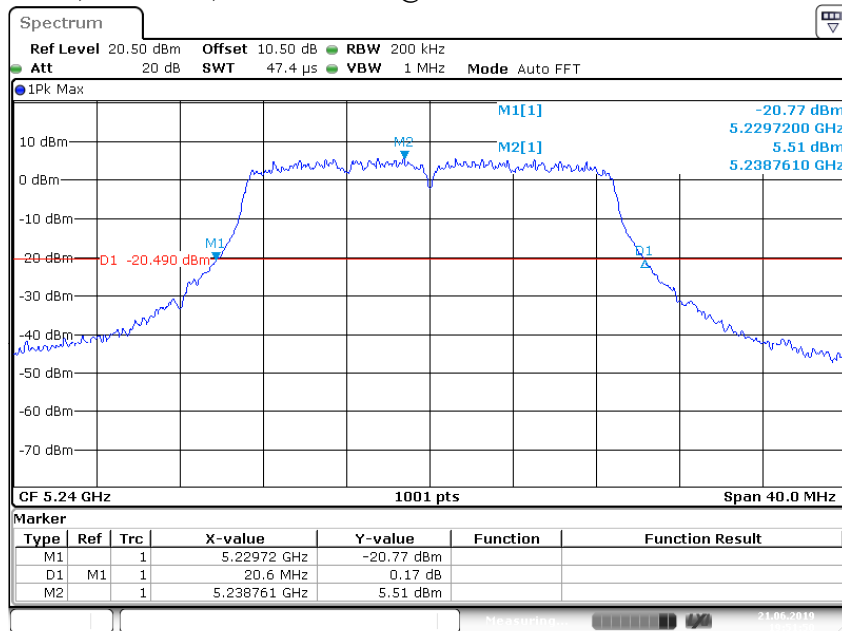
Date: 21.JUN.2019 21:19:14

## non HT20, 6 to 54 Mbps @ 5240 MHz



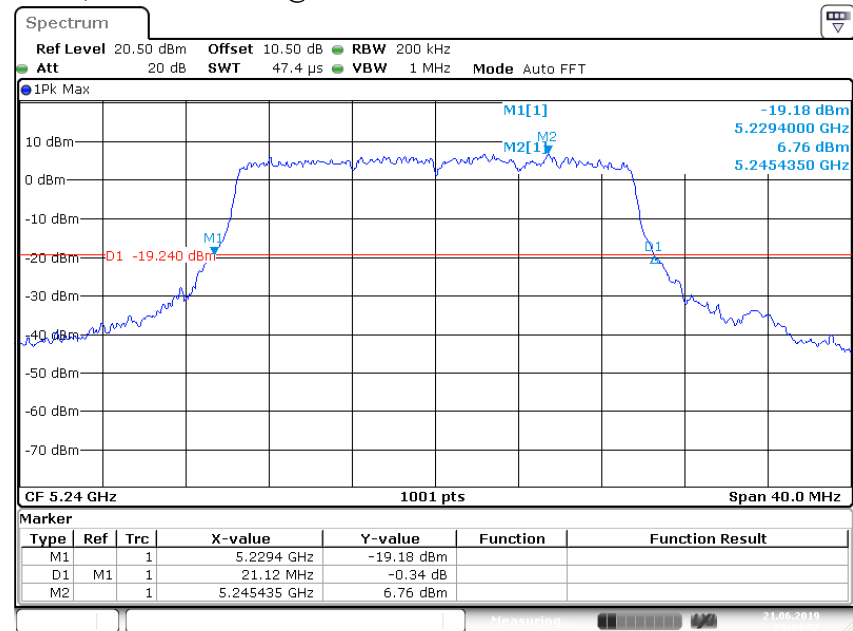
Date: 21.JUN.2019 19:24:47

## HT20, M0 to M7, M0.1 to M8.1 @ 5240 MHz



Date: 21.JUN.2019 19:51:50

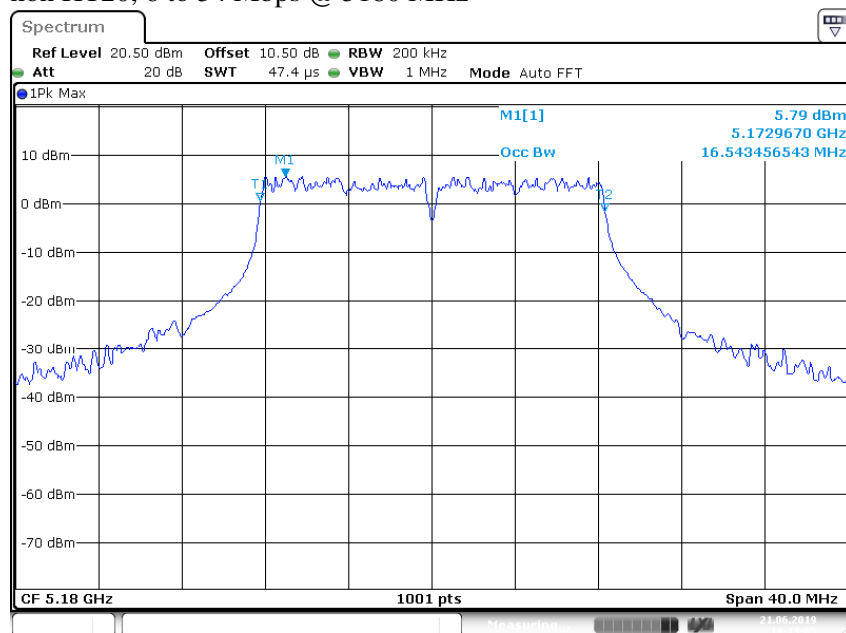
## HE20, M0.1 to M11.1 @ 5240 MHz



Date: 21.JUN.2019 20:14:58

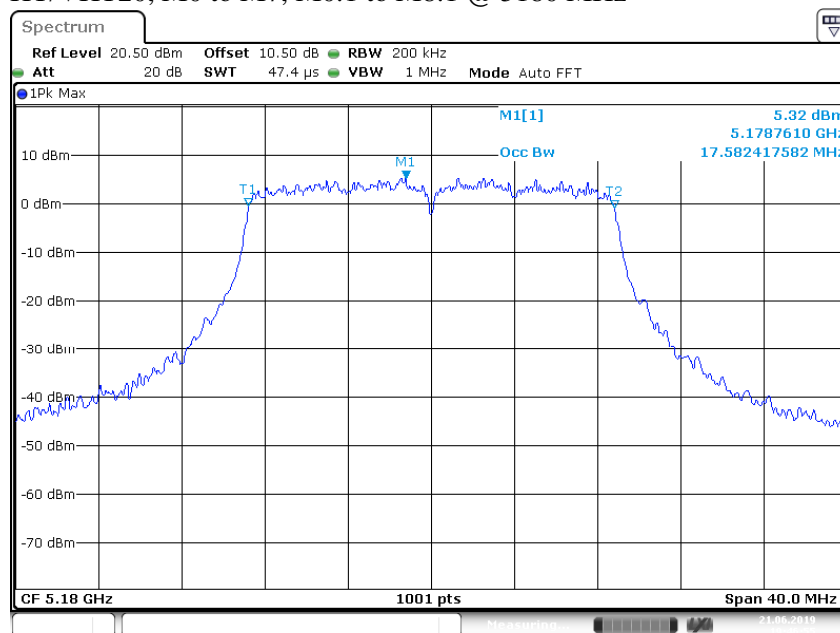
## 99% Occupied Bandwidth

non HT20, 6 to 54 Mbps @ 5180 MHz



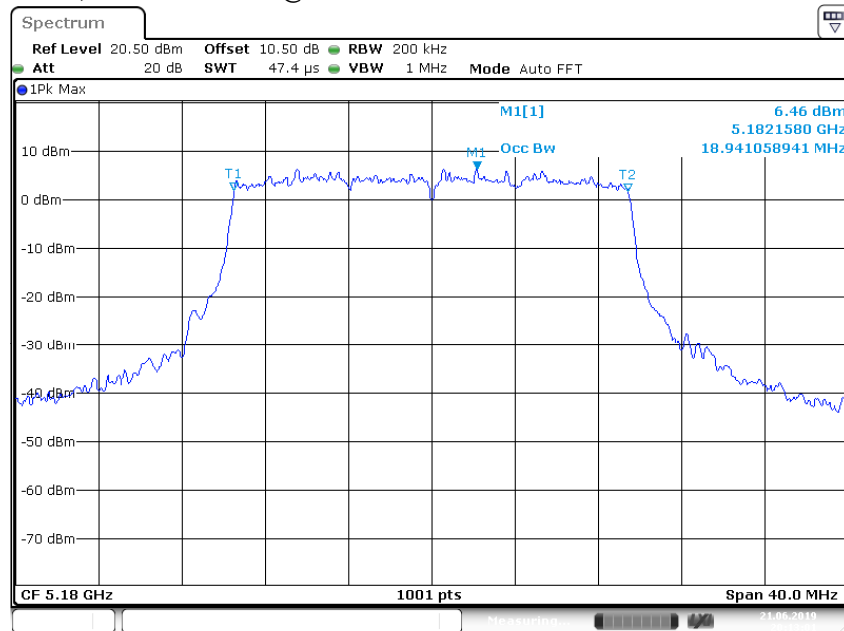
Date: 21 JUN 2019 19:13:05

HT/VHT20, M0 to M7, M0.1 to M8.1 @ 5180 MHz



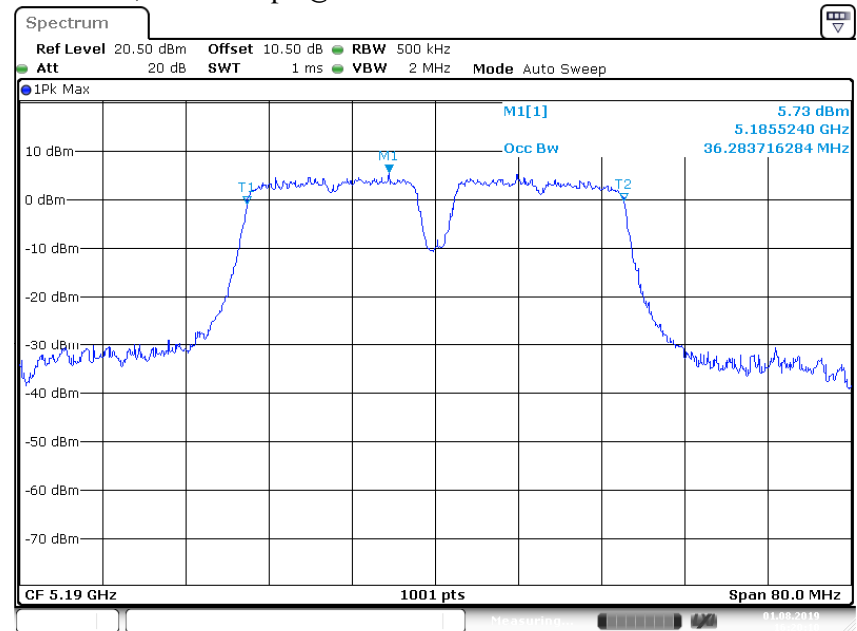
Date: 21 JUN 2019 19:46:55

## HE20, M0.1 to M11.1 @ 5180 MHz



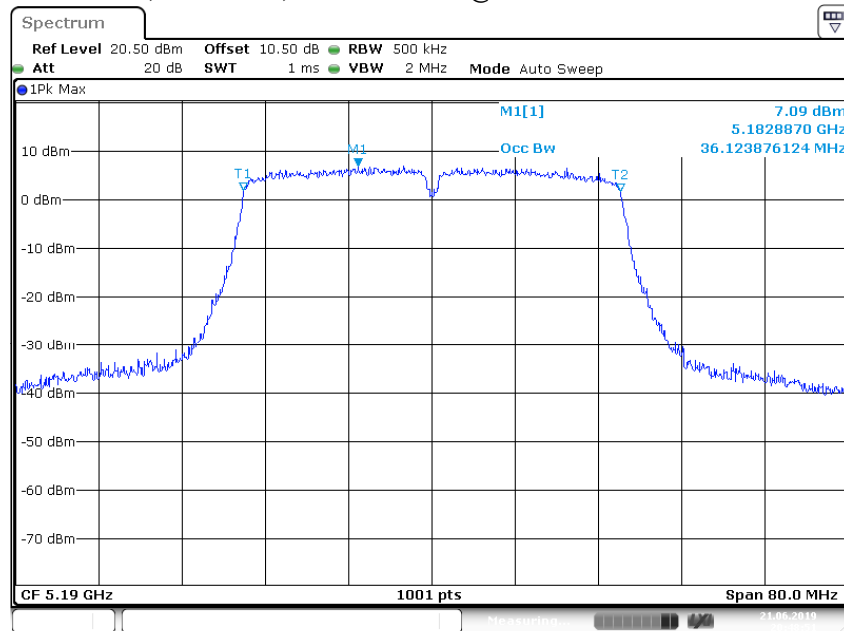
Date: 21.JUN.2019 20:13:01

## non HT40, 6 to 54Mbps @ 5190 MHz



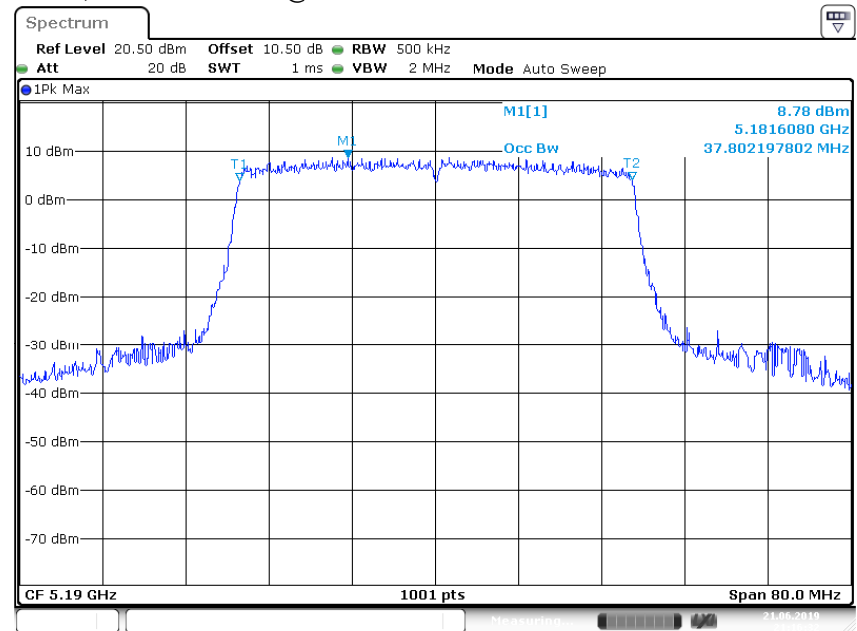
Date: 1.AUG.2019 16:20:10

## HT/VHT40, M0 to M7, M0.1 to M9.1 @ 5190 MHz



Date: 21.JUN.2019 20:48:52

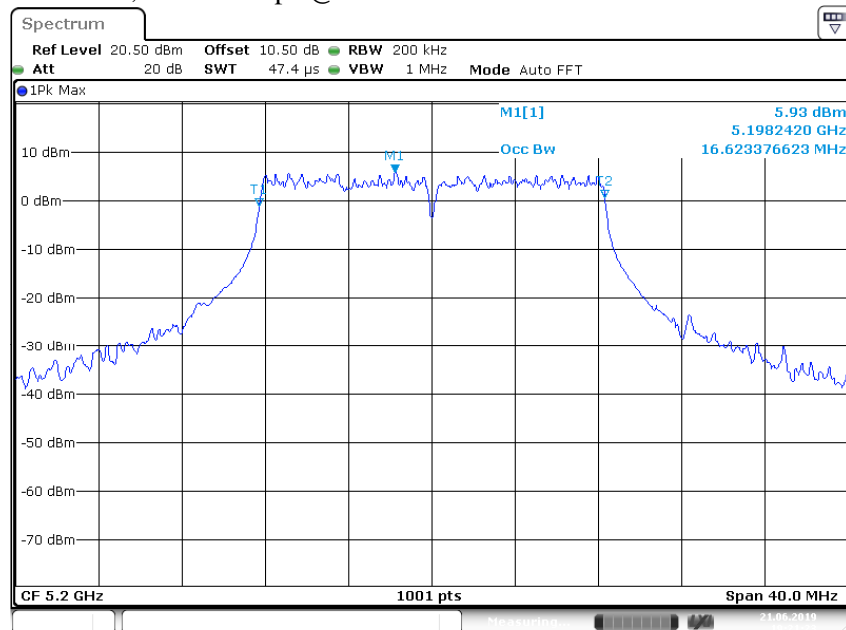
## HE40, M0.1 to M11.1 @ 5190 MHz



Date: 21.JUN.2019 21:16:33

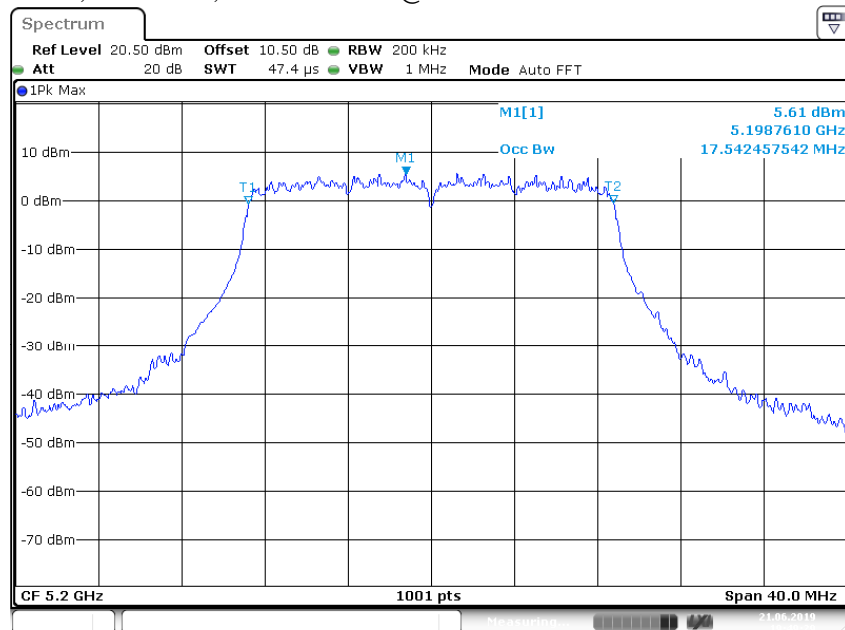


## non HT20, 6 to 54 Mbps @ 5200 MHz



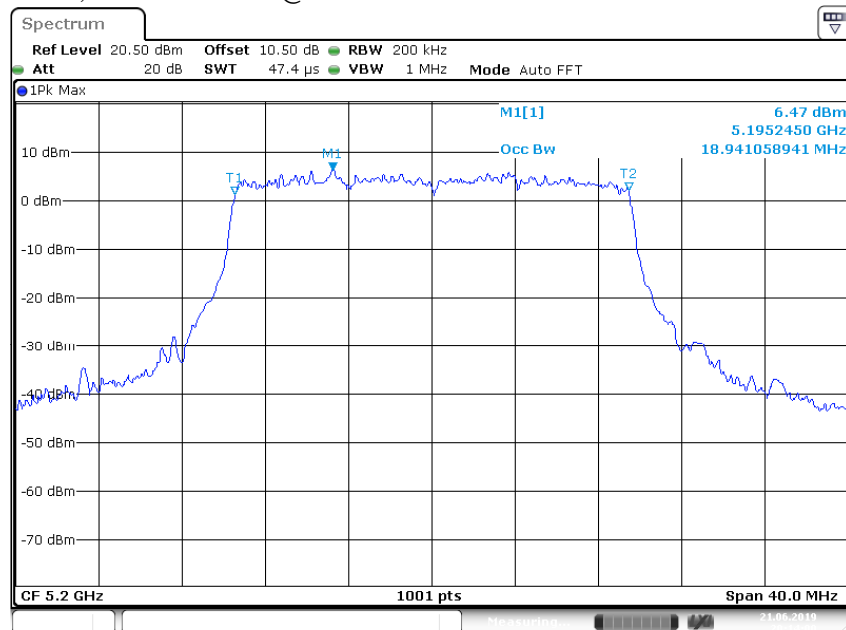
Date: 21.JUN.2019 19:21:23

## HT20, M0 to M7, M0.1 to M8.1 @ 5200 MHz



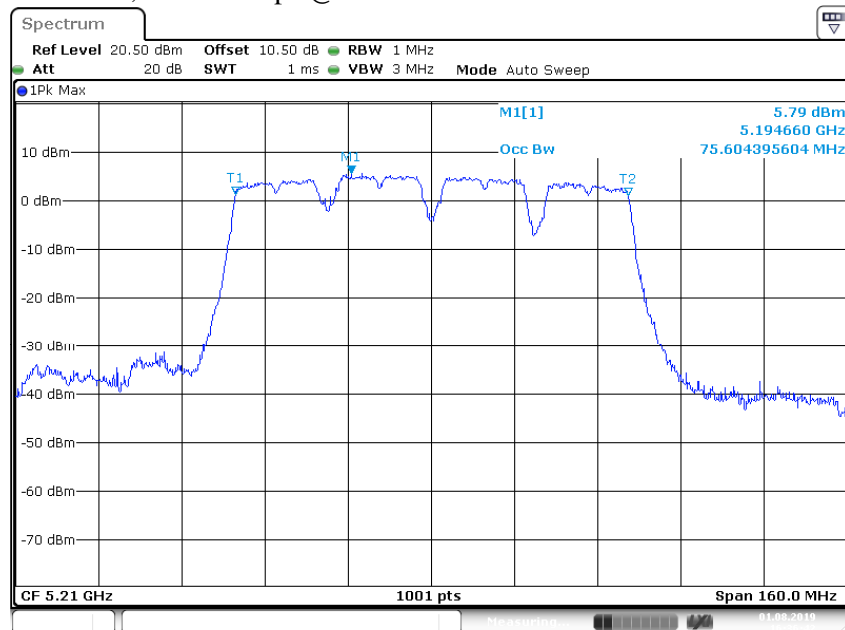
Date: 21.JUN.2019 19:49:30

## HE20, M0.1 to M11.1 @ 5200 MHz



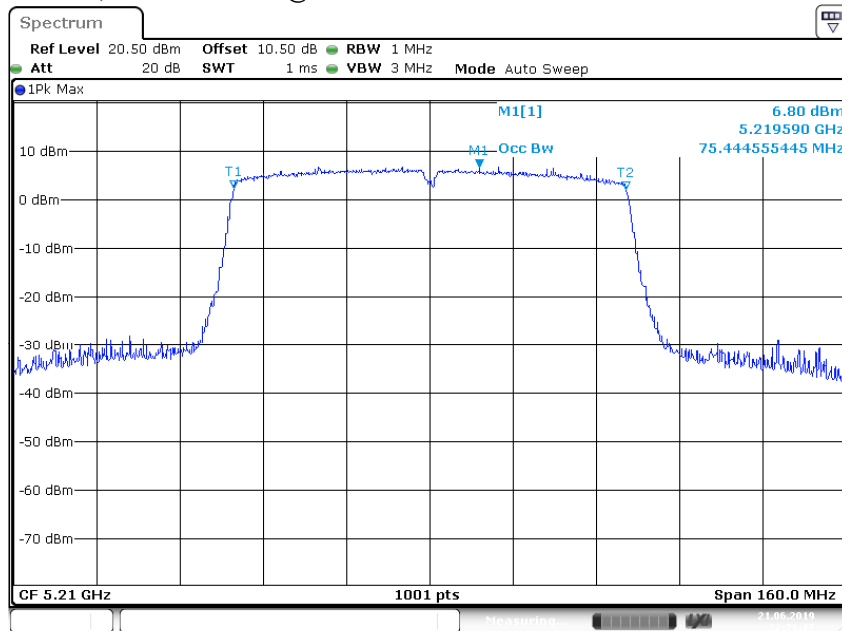
Date: 21.JUN.2019 20:14:01

## non HT80, 6 to 54 Mbps @ 5210 MHz



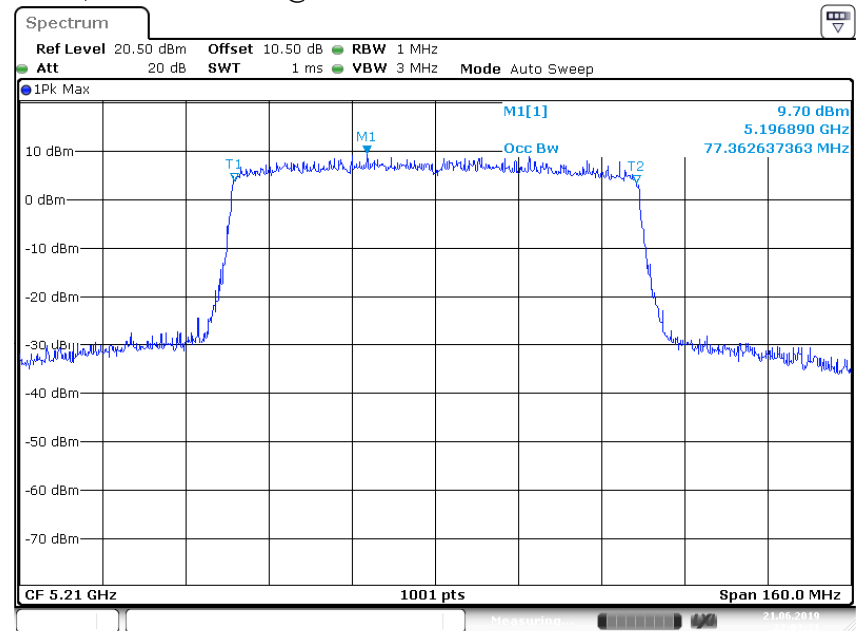
Date: 1.AUG.2019 16:36:42

## VHT80, M0.1 to M9.1 @ 5210 MHz



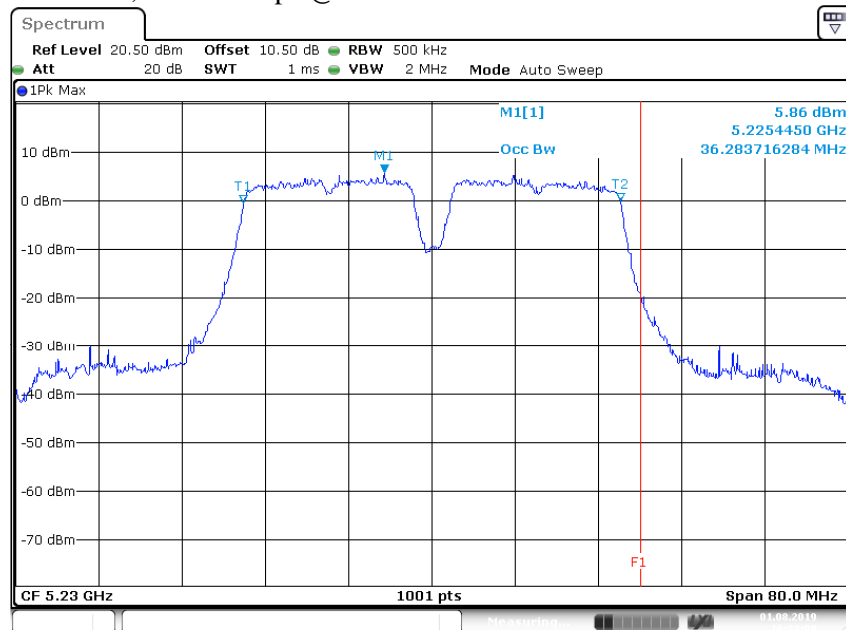
Date: 21.JUN.2019 22:21:17

## HE80, M0.1 to M11.1 @ 5210 MHz



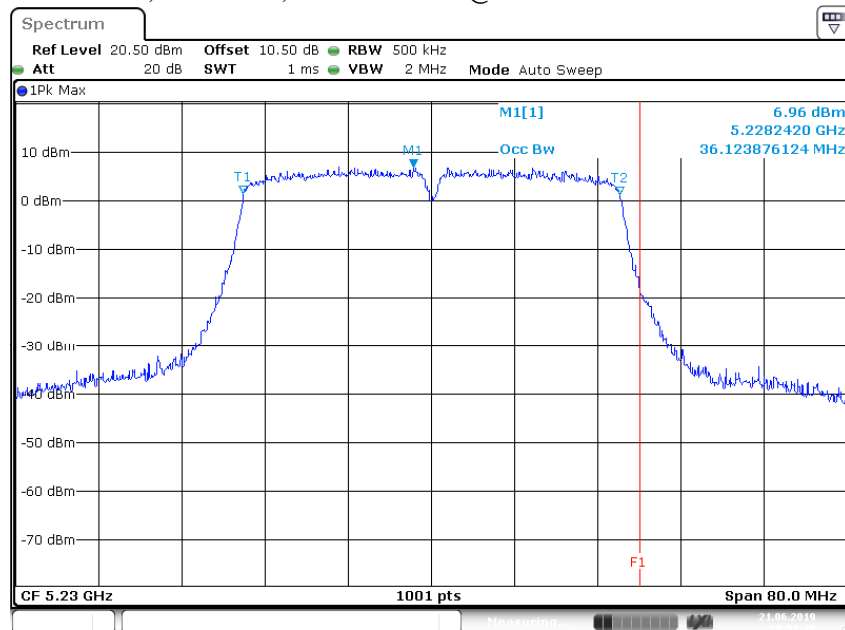
Date: 21.JUN.2019 22:03:31

## non HT40, 6 to 54 Mbps @ 5230 MHz



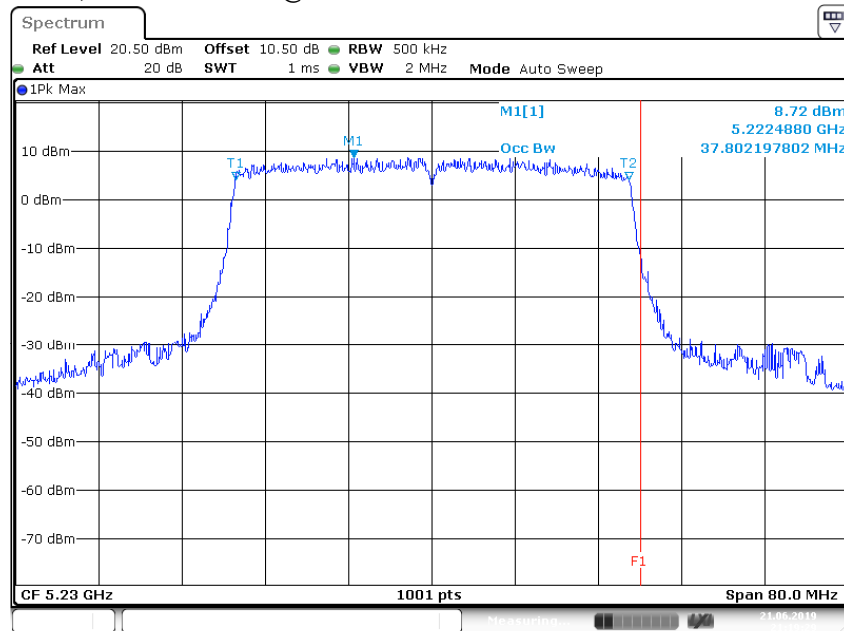
Date: 1.AUG.2019 16:23:09

## HT/VHT40, M0 to M7, M0.1 to M9.1 @ 5230 MHz



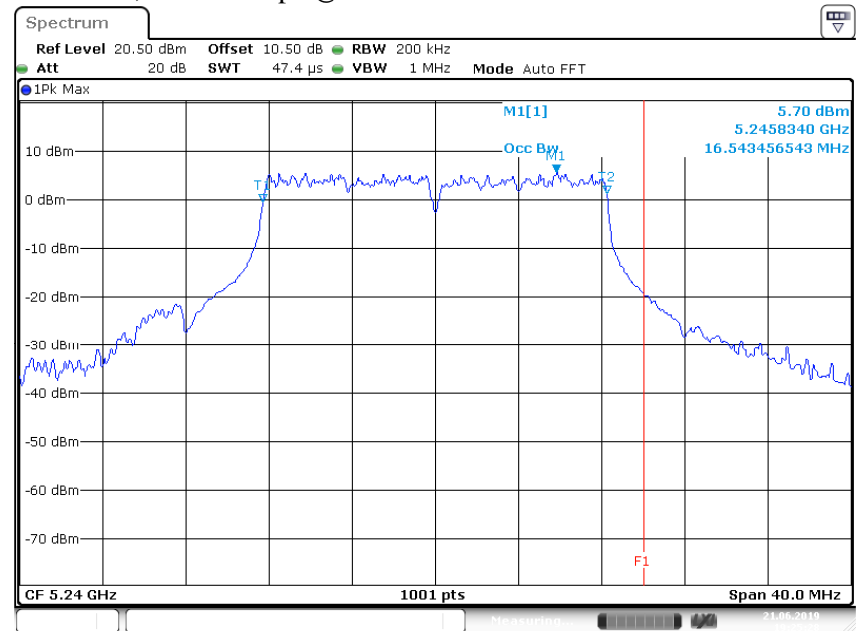
Date: 21.JUN.2019 20:51:31

## HE40, M0.1 to M11.1 @ 5230 MHz



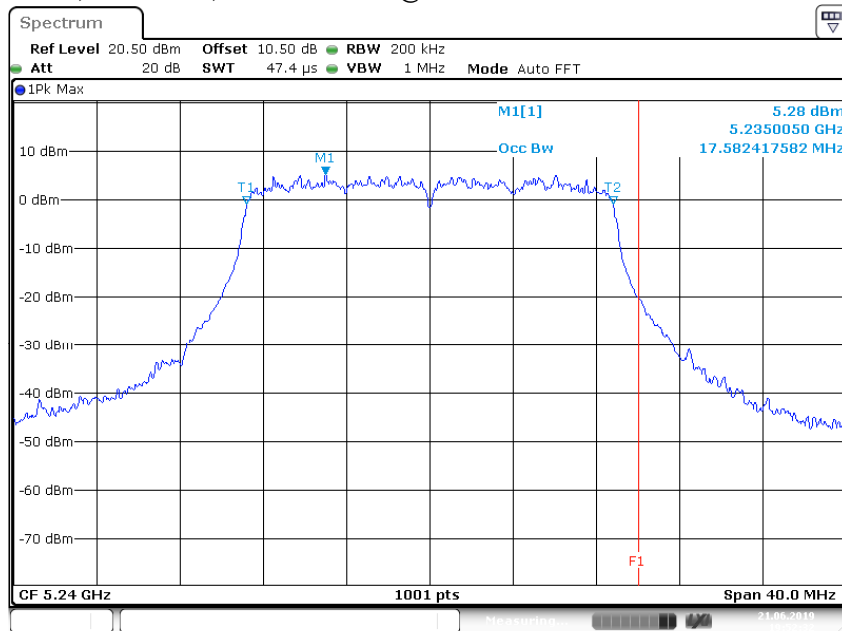
Date: 21.JUN.2019 21:19:29

## non HT20, 6 to 54 Mbps @ 5240 MHz



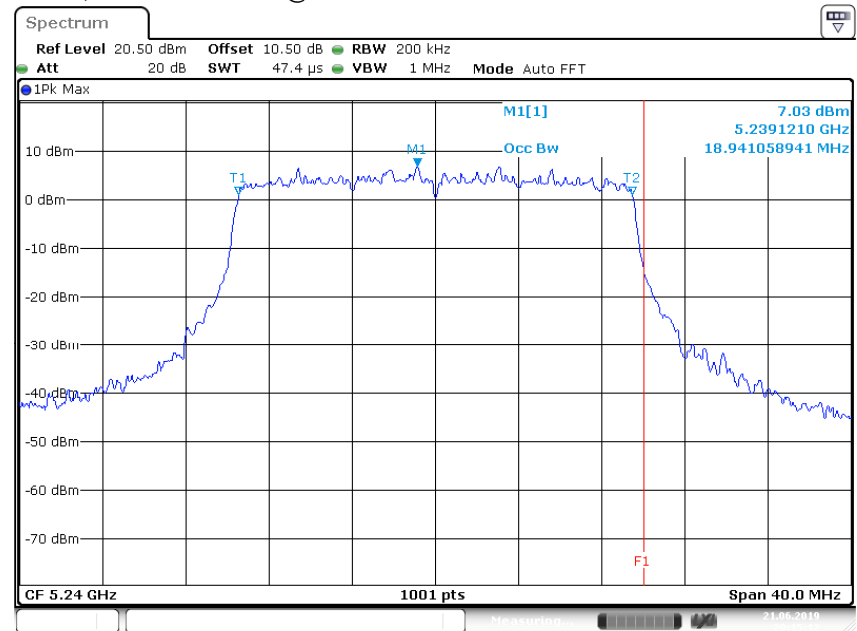
Date: 21.JUN.2019 19:25:29

## HT20, M0 to M7, M0.1 to M8.1 @ 5240 MHz



Date: 21.JUN.2019 19:52:32

## HE20, M0.1 to M11.1 @ 5240 MHz



Date: 21.JUN.2019 20:15:13

**Test results for Output power**

5180 MHz:

| Mode                               | Tx paths | correlated antenna gain (dBi) | Tx 1 Max Power (dBm) | Tx 2 Max Power (dBm) | Tx 3 Max Power (dBm) | Tx 4 Max Power (dBm) | Tx 5 Max Power (dBm) | Tx 6 Max Power (dBm) | Tx 7 Max Power (dBm) | Tx 8 Max Power (dBm) | DCCF (dB) | Total Max Power (dBm) | FCC Limit (dBm) | Margin (dB) |
|------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------|-----------------------|-----------------|-------------|
| non HT20, 6 to 54 Mbps             | 1        | 6.00                          | 15.12                |                      |                      |                      |                      |                      |                      |                      | 0.36      | 15.48                 | 30.00           | 14.52       |
| non HT20, 6 to 54 Mbps             | 2        | 6.00                          | 15.11                | 15.19                |                      |                      |                      |                      |                      |                      | 0.36      | 18.52                 | 30.00           | 11.48       |
| non HT20, 6 to 54 Mbps             | 3        | 6.00                          | 15.12                | 15.22                | 15.13                |                      |                      |                      |                      |                      | 0.36      | 20.28                 | 30.00           | 9.72        |
| non HT20, 6 to 54 Mbps             | 4        | 6.00                          | 11.00                | 11.21                | 11.12                | 11.24                |                      |                      |                      |                      | 0.36      | 17.52                 | 30.00           | 12.48       |
| non HT20, 6 to 54 Mbps             | 6        | 9.00                          | 13.08                | 13.26                | 13.10                |                      | 13.32                | 13.49                | 13.24                |                      | 0.36      | 21.39                 | 27.00           | 5.61        |
| non HT20, 6 to 54 Mbps             | 8        | 9.00                          | 10.12                | 10.33                | 10.17                | 10.07                | 10.22                | 10.39                | 10.29                | 10.01                | 0.36      | 19.59                 | 27.00           | 7.41        |
| non HT20, 6 to 54 Mbps-BF          | 2        | 9.01                          | 15.12                | 15.19                |                      |                      |                      |                      |                      |                      | 0.36      | 18.53                 | 26.99           | 8.46        |
| non HT20, 6 to 54 Mbps-BF          | 3        | 10.77                         | 15.12                | 15.14                | 15.13                |                      |                      |                      |                      |                      | 0.36      | 20.26                 | 25.23           | 4.97        |
| non HT20, 6 to 54 Mbps-BF          | 4        | 12.02                         | 15.14                | 15.20                | 15.14                | 15.23                |                      |                      |                      |                      | 0.36      | 21.56                 | 23.98           | 2.42        |
| non HT20, 6 to 54 Mbps-BF          | 6        | 13.78                         | 11.95                | 12.31                | 12.15                |                      | 12.33                | 12.19                | 12.24                |                      | 0.36      | 20.34                 | 22.22           | 1.88        |
| non HT20, 6 to 54 Mbps-BF          | 8        | 15.03                         | 10.19                | 10.01                | 10.21                | 10.24                | 10.29                | 10.39                | 10.28                | 10.10                | 0.36      | 19.60                 | 20.97           | 1.37        |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 1        | 6.00                          | 15.08                |                      |                      |                      |                      |                      |                      |                      | 0.22      | 15.30                 | 30.00           | 14.70       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 2        | 6.00                          | 15.08                | 15.15                |                      |                      |                      |                      |                      |                      | 0.22      | 18.35                 | 30.00           | 11.65       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 2        | 6.00                          | 15.06                | 15.24                |                      |                      |                      |                      |                      |                      | 0.22      | 18.38                 | 30.00           | 11.62       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 3        | 6.00                          | 15.11                | 15.22                | 15.04                |                      |                      |                      |                      |                      | 0.22      | 20.11                 | 30.00           | 9.89        |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 3        | 6.00                          | 15.31                | 15.41                | 15.23                |                      |                      |                      |                      |                      | 0.22      | 20.31                 | 30.00           | 9.69        |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 3        | 6.00                          | 15.09                | 15.30                | 15.07                |                      |                      |                      |                      |                      | 0.22      | 20.14                 | 30.00           | 9.86        |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 4        | 6.00                          | 15.11                | 15.15                | 15.18                | 15.08                |                      |                      |                      |                      | 0.22      | 21.37                 | 30.00           | 8.63        |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 4        | 6.00                          | 15.31                | 15.32                | 15.34                | 15.29                |                      |                      |                      |                      | 0.22      | 21.56                 | 30.00           | 8.44        |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 4        | 6.00                          | 15.37                | 15.35                | 15.37                | 15.32                |                      |                      |                      |                      | 0.22      | 21.59                 | 30.00           | 8.41        |

|                                        |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|----------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| HT/VHT20, M24 to M31, M0.4 to M8.4     | 4 | 6.00  | 15.10 | 15.21 | 15.16 | 15.09 |       |       |       |       | 0.22 | 21.38 | 30.00 | 8.62  |
| HT/VHT20, M0 to M7, M0.1 to M8.1       | 6 | 9.00  | 13.02 | 13.17 | 12.97 |       | 13.22 | 13.42 | 13.24 |       | 0.22 | 21.18 | 27.00 | 5.82  |
| HT/VHT20, M8 to M15, M0.2 to M8.2      | 6 | 8.39  | 15.21 | 15.34 | 15.15 |       | 15.41 | 15.63 | 15.43 |       | 0.22 | 23.37 | 27.61 | 4.24  |
| HT/VHT20, M16 to M23, M0.3 to M8.3     | 6 | 7.51  | 15.25 | 15.39 | 15.18 |       | 15.49 | 15.65 | 15.38 |       | 0.22 | 23.40 | 28.49 | 5.09  |
| HT/VHT20, M24 to M31, M0.4 to M8.4     | 6 | 6.88  | 15.25 | 15.38 | 15.24 |       | 15.49 | 15.68 | 15.40 |       | 0.22 | 23.41 | 29.12 | 5.71  |
| VHT20, M0.5 to M8.5                    | 6 | 6.40  | 15.01 | 15.16 | 14.95 |       | 15.21 | 15.41 | 15.23 |       | 0.22 | 23.17 | 29.60 | 6.43  |
| VHT20, M0.6 to M8.6                    | 6 | 6.00  | 15.22 | 15.36 | 15.17 |       | 15.42 | 15.61 | 15.41 |       | 0.22 | 23.37 | 30.00 | 6.63  |
| HT/VHT20, M0 to M7, M0.1 to M8.1       | 8 | 9.00  | 12.12 | 12.19 | 12.23 | 12.05 | 12.10 | 12.30 | 12.35 | 12.06 | 0.22 | 21.42 | 27.00 | 5.58  |
| HT/VHT20, M8 to M15, M0.2 to M8.2      | 8 | 9.00  | 14.84 | 14.86 | 14.90 | 14.75 | 14.80 | 14.99 | 15.01 | 14.76 | 0.22 | 24.12 | 27.00 | 2.88  |
| HT/VHT20, M16 to M23, M0.3 to M8.3     | 8 | 8.13  | 15.37 | 15.43 | 15.46 | 15.25 | 15.31 | 15.52 | 15.58 | 15.32 | 0.22 | 24.66 | 27.87 | 3.21  |
| HT/VHT20, M24 to M31, M0.4 to M8.4     | 8 | 7.51  | 15.34 | 15.42 | 15.48 | 15.30 | 15.31 | 15.52 | 15.59 | 15.29 | 0.22 | 24.66 | 28.49 | 3.83  |
| VHT20, M0.5 to M8.5                    | 8 | 7.02  | 15.09 | 15.21 | 15.24 | 15.04 | 15.09 | 15.26 | 15.37 | 15.04 | 0.22 | 24.42 | 28.98 | 4.56  |
| VHT20, M0.6 to M8.6                    | 8 | 6.62  | 15.30 | 15.40 | 15.42 | 15.23 | 15.29 | 15.45 | 15.54 | 15.25 | 0.22 | 24.61 | 29.38 | 4.77  |
| VHT20, M0.7 to M8.7                    | 8 | 6.29  | 15.32 | 15.45 | 15.46 | 15.28 | 15.31 | 15.50 | 15.62 | 15.29 | 0.22 | 24.66 | 29.71 | 5.05  |
| VHT20, M0.8 to M8.8                    | 8 | 6.00  | 15.21 | 15.47 | 15.49 | 15.30 | 15.33 | 15.50 | 15.62 | 15.33 | 0.22 | 24.66 | 30.00 | 5.34  |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 2 | 9.01  | 15.09 | 15.11 |       |       |       |       |       |       | 0.22 | 18.33 | 26.99 | 8.66  |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 2 | 6.00  | 15.11 | 15.18 |       |       |       |       |       |       | 0.22 | 18.38 | 30.00 | 11.62 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 3 | 10.77 | 15.00 | 15.13 | 15.05 |       |       |       |       |       | 0.22 | 20.05 | 25.23 | 5.18  |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 3 | 7.76  | 15.14 | 15.31 | 15.24 |       |       |       |       |       | 0.22 | 20.22 | 28.24 | 8.02  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 3 | 6.00  | 15.39 | 15.20 | 15.03 |       |       |       |       |       | 0.22 | 20.20 | 30.00 | 9.80  |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 4 | 12.02 | 15.36 | 15.20 | 15.09 | 15.04 |       |       |       |       | 0.22 | 21.42 | 23.98 | 2.56  |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 4 | 9.01  | 15.15 | 15.38 | 15.28 | 15.24 |       |       |       |       | 0.22 | 21.50 | 26.99 | 5.49  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 4 | 7.25  | 15.16 | 15.43 | 15.30 | 15.29 |       |       |       |       | 0.22 | 21.54 | 28.75 | 7.21  |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF  | 4 | 6.00  | 15.38 | 15.27 | 15.11 | 15.04 |       |       |       |       | 0.22 | 21.44 | 30.00 | 8.56  |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 6 | 13.78 | 10.98 | 10.19 | 10.10 |       | 10.14 | 10.00 | 10.25 |       | 0.22 | 18.29 | 22.22 | 3.93  |
| HT/VHT20, M8 to M15, M0.2 to M8.2 -BF  | 6 | 10.77 | 13.04 | 13.29 | 13.25 |       | 13.30 | 13.28 | 13.54 |       | 0.22 | 21.29 | 25.23 | 3.94  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 6 | 9.01  | 15.21 | 15.36 | 15.28 |       | 15.30 | 15.34 | 15.50 |       | 0.22 | 23.33 | 26.99 | 3.66  |
| HT/VHT20, M24 to M31, M0.4 to M8.4 -BF | 6 | 7.76  | 15.15 | 15.33 | 15.30 |       | 15.32 | 15.39 | 15.50 |       | 0.22 | 23.33 | 28.24 | 4.91  |



|                                       |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|---------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| VHT20, M0.5 to M8.5-BF                | 6 | 6.79  | 15.45 | 15.09 | 15.03 |       | 15.13 | 15.08 | 15.34 |       | 0.22 | 23.19 | 29.21 | 6.02  |
| VHT20, M0.6 to M8.6-BF                | 6 | 6.00  | 15.12 | 15.29 | 15.24 |       | 15.31 | 15.32 | 15.56 |       | 0.22 | 23.31 | 30.00 | 6.69  |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF   | 8 | 15.03 | 6.13  | 6.07  | 6.20  | 6.11  | 6.23  | 6.29  | 6.32  | 6.07  | 0.22 | 15.43 | 20.97 | 5.54  |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 8 | 12.02 | 11.22 | 11.43 | 11.31 | 11.35 | 11.40 | 11.48 | 11.48 | 11.17 | 0.22 | 20.61 | 23.98 | 3.37  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 8 | 10.26 | 15.19 | 15.41 | 15.34 | 15.30 | 15.42 | 15.60 | 15.61 | 15.32 | 0.22 | 24.65 | 25.74 | 1.09  |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 8 | 9.01  | 15.38 | 15.39 | 15.35 | 15.36 | 15.45 | 15.62 | 15.62 | 15.29 | 0.22 | 24.68 | 26.99 | 2.31  |
| VHT20, M0.5 to M8.5-BF                | 8 | 8.04  | 15.13 | 15.16 | 15.10 | 15.07 | 15.19 | 15.35 | 15.40 | 15.06 | 0.22 | 24.43 | 27.96 | 3.53  |
| VHT20, M0.6 to M8.6-BF                | 8 | 7.25  | 15.33 | 15.35 | 15.31 | 15.26 | 15.39 | 15.55 | 15.60 | 15.27 | 0.22 | 24.63 | 28.75 | 4.12  |
| VHT20, M0.7 to M8.7-BF                | 8 | 6.58  | 15.34 | 15.41 | 15.35 | 15.31 | 15.44 | 15.60 | 15.62 | 15.32 | 0.22 | 24.68 | 29.42 | 4.74  |
| VHT20, M0.8 to M8.8-BF                | 8 | 6.00  | 15.37 | 15.41 | 15.38 | 15.34 | 15.47 | 15.63 | 15.65 | 15.34 | 0.22 | 24.70 | 30.00 | 5.30  |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 2 | 6.00  | 15.13 | 15.06 |       |       |       |       |       |       | 0.22 | 18.32 | 30.00 | 11.68 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 3 | 6.00  | 15.14 | 15.01 | 15.03 |       |       |       |       |       | 0.22 | 20.05 | 30.00 | 9.95  |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 4 | 6.00  | 15.11 | 15.14 | 15.13 | 15.17 |       |       |       |       | 0.22 | 21.38 | 30.00 | 8.62  |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 6 | 6.00  | 15.06 | 15.09 | 14.96 |       | 15.16 | 15.10 | 15.31 |       | 0.22 | 23.12 | 30.00 | 6.88  |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 8 | 6.00  | 12.93 | 13.02 | 12.91 | 13.13 | 13.21 | 13.37 | 13.39 | 13.00 | 0.22 | 22.37 | 30.00 | 7.63  |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | 15.22 |       |       |       |       |       |       |       | 0.22 | 15.44 | 30.00 | 14.56 |
| HE20, M0.1 to M11.1                   | 2 | 6.00  | 15.24 | 15.21 |       |       |       |       |       |       | 0.22 | 18.45 | 30.00 | 11.55 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | 15.25 | 15.23 |       |       |       |       |       |       | 0.22 | 18.47 | 30.00 | 11.53 |
| HE20, M0.1 to M11.1                   | 3 | 6.00  | 15.19 | 15.27 | 15.19 |       |       |       |       |       | 0.22 | 20.21 | 30.00 | 9.79  |
| HE20, M0.2 to M11.2                   | 3 | 6.00  | 15.44 | 15.50 | 15.43 |       |       |       |       |       | 0.22 | 20.45 | 30.00 | 9.55  |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | 15.30 | 15.30 | 15.21 |       |       |       |       |       | 0.22 | 20.26 | 30.00 | 9.74  |
| HE20, M0.1 to M11.1                   | 4 | 6.00  | 15.25 | 15.24 | 15.21 | 15.32 |       |       |       |       | 0.22 | 21.50 | 30.00 | 8.50  |
| HE20, M0.2 to M11.2                   | 4 | 6.00  | 15.44 | 15.44 | 15.49 | 15.54 |       |       |       |       | 0.22 | 21.72 | 30.00 | 8.28  |
| HE20, M0.3 to M11.3                   | 4 | 6.00  | 15.43 | 15.49 | 15.50 | 15.61 |       |       |       |       | 0.22 | 21.75 | 30.00 | 8.25  |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | 15.28 | 15.29 | 15.25 | 15.33 |       |       |       |       | 0.22 | 21.53 | 30.00 | 8.47  |
| HE20, M0.1 to M11.1                   | 6 | 9.00  | 14.60 | 14.75 | 14.65 |       | 14.81 | 15.00 | 15.01 |       | 0.22 | 22.81 | 27.00 | 4.19  |
| HE20, M0.2 to M11.2                   | 6 | 8.39  | 15.28 | 15.43 | 15.41 |       | 15.57 | 15.75 | 15.70 |       | 0.22 | 23.53 | 27.61 | 4.08  |
| HE20, M0.3 to M11.3                   | 6 | 7.51  | 15.39 | 15.49 | 15.48 |       | 15.60 | 15.81 | 15.79 |       | 0.22 | 23.60 | 28.49 | 4.89  |

|                            |          |             |              |              |              |              |              |              |              |              |             |              |              |             |
|----------------------------|----------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|-------------|
| HE20, M0.4 to M11.4        | 6        | 6.88        | 15.41        | 15.50        | 15.51        |              | 15.62        | 15.89        | 15.79        |              | 0.22        | 23.63        | 29.12        | 5.49        |
| HE20, M0.5 to M11.5        | 6        | 6.40        | 15.45        | 15.53        | 15.57        |              | 15.60        | 15.92        | 15.81        |              | 0.22        | 23.65        | 29.60        | 5.95        |
| HE20, M0.6 to M11.6        | 6        | 6.00        | 15.25        | 15.29        | 15.20        |              | 15.36        | 15.57        | 15.56        |              | 0.22        | 23.37        | 30.00        | 6.63        |
| HE20, M0.1 to M11.1        | 8        | 9.00        | 11.15        | 11.29        | 11.24        | 11.33        | 11.35        | 11.52        | 11.51        | 11.16        | 0.22        | 20.57        | 27.00        | 6.43        |
| HE20, M0.2 to M11.2        | 8        | 9.00        | 14.85        | 14.96        | 14.96        | 15.07        | 15.09        | 15.26        | 15.23        | 14.85        | 0.22        | 24.29        | 27.00        | 2.71        |
| HE20, M0.3 to M11.3        | 8        | 8.13        | 15.34        | 15.50        | 15.54        | 15.61        | 15.61        | 15.83        | 15.78        | 15.41        | 0.22        | 24.83        | 27.87        | 3.04        |
| HE20, M0.4 to M11.4        | 8        | 7.51        | 15.46        | 15.54        | 15.58        | 15.66        | 15.66        | 15.87        | 15.81        | 15.42        | 0.22        | 24.88        | 28.49        | 3.61        |
| HE20, M0.5 to M11.5        | 8        | 7.02        | 15.50        | 15.58        | 15.57        | 15.71        | 15.66        | 15.94        | 15.80        | 15.47        | 0.22        | 24.91        | 28.98        | 4.07        |
| HE20, M0.6 to M11.6        | 8        | 6.62        | 15.51        | 15.58        | 15.54        | 15.69        | 15.65        | 15.95        | 15.80        | 15.48        | 0.22        | 24.90        | 29.38        | 4.48        |
| <b>HE20, M0.7 to M11.7</b> | <b>8</b> | <b>6.29</b> | <b>15.56</b> | <b>15.64</b> | <b>15.57</b> | <b>15.69</b> | <b>15.63</b> | <b>15.97</b> | <b>15.81</b> | <b>15.52</b> | <b>0.22</b> | <b>24.93</b> | <b>29.71</b> | <b>4.78</b> |
| HE20, M0.8 to M11.8        | 8        | 6.00        | 15.31        | 15.34        | 15.30        | 15.38        | 15.43        | 15.63        | 15.50        | 15.20        | 0.22        | 24.64        | 30.00        | 5.36        |
| HE20, M0.1 to M11.1-BF     | 2        | 9.01        | 15.28        | 15.26        |              |              |              |              |              |              | 0.22        | 18.50        | 26.99        | 8.49        |
| HE20, M0.2 to M11.2-BF     | 2        | 6.00        | 15.33        | 15.27        |              |              |              |              |              |              | 0.22        | 18.53        | 30.00        | 11.47       |
| HE20, M0.1 to M11.1-BF     | 3        | 10.77       | 15.32        | 15.33        | 15.20        |              |              |              |              |              | 0.22        | 20.27        | 25.23        | 4.96        |
| HE20, M0.2 to M11.2-BF     | 3        | 7.76        | 15.48        | 15.56        | 15.47        |              |              |              |              |              | 0.22        | 20.49        | 28.24        | 7.75        |
| HE20, M0.3 to M11.3-BF     | 3        | 6.00        | 15.33        | 15.36        | 15.25        |              |              |              |              |              | 0.22        | 20.31        | 30.00        | 9.69        |
| HE20, M0.1 to M11.1-BF     | 4        | 12.02       | 15.13        | 15.33        | 15.17        | 15.33        |              |              |              |              | 0.22        | 21.48        | 23.98        | 2.50        |
| HE20, M0.2 to M11.2-BF     | 4        | 9.01        | 15.42        | 15.55        | 15.42        | 15.55        |              |              |              |              | 0.22        | 21.72        | 26.99        | 5.27        |
| HE20, M0.3 to M11.3-BF     | 4        | 7.25        | 15.45        | 15.62        | 15.43        | 15.59        |              |              |              |              | 0.22        | 21.76        | 28.75        | 6.99        |
| HE20, M0.4 to M11.4-BF     | 4        | 6.00        | 15.32        | 15.35        | 15.18        | 15.34        |              |              |              |              | 0.22        | 21.54        | 30.00        | 8.46        |
| HE20, M0.1 to M11.1-BF     | 6        | 13.78       | 12.24        | 12.37        | 12.31        |              | 12.46        | 12.43        | 12.51        |              | 0.22        | 20.39        | 22.22        | 1.83        |
| HE20, M0.2 to M11.2-BF     | 6        | 10.77       | 14.28        | 14.46        | 14.50        |              | 14.66        | 14.78        | 14.76        |              | 0.22        | 22.58        | 25.23        | 2.65        |
| HE20, M0.3 to M11.3-BF     | 6        | 9.01        | 15.34        | 15.50        | 15.56        |              | 15.64        | 15.82        | 15.77        |              | 0.22        | 23.61        | 26.99        | 3.38        |
| HE20, M0.4 to M11.4-BF     | 6        | 7.76        | 15.49        | 15.52        | 15.60        |              | 15.68        | 15.90        | 15.78        |              | 0.22        | 23.66        | 28.24        | 4.58        |
| HE20, M0.5 to M11.5-BF     | 6        | 6.79        | 15.52        | 15.57        | 15.65        |              | 15.67        | 15.94        | 15.84        |              | 0.22        | 23.70        | 29.21        | 5.51        |
| HE20, M0.6 to M11.6-BF     | 6        | 6.00        | 15.31        | 15.30        | 15.28        |              | 15.41        | 15.58        | 15.54        |              | 0.22        | 23.41        | 30.00        | 6.59        |
| HE20, M0.1 to M11.1-BF     | 8        | 15.03       | 6.34         | 6.17         | 6.32         | 6.36         | 6.43         | 6.53         | 6.42         | 6.19         | 0.22        | 15.60        | 20.97        | 5.37        |
| HE20, M0.2 to M11.2-BF     | 8        | 12.02       | 11.37        | 11.54        | 11.49        | 11.61        | 11.66        | 11.80        | 11.62        | 11.25        | 0.22        | 20.80        | 23.98        | 3.18        |

|                        |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| HE20, M0.3 to M11.3-BF | 8 | 10.26 | 12.28 | 12.50 | 12.58 | 12.58 | 12.63 | 12.84 | 12.75 | 12.42 | 0.22 | 21.83 | 25.74 | 3.91  |
| HE20, M0.4 to M11.4-BF | 8 | 9.01  | 13.25 | 13.53 | 13.61 | 13.63 | 13.68 | 13.87 | 13.80 | 13.44 | 0.22 | 22.86 | 26.99 | 4.13  |
| HE20, M0.5 to M11.5-BF | 8 | 8.04  | 13.29 | 13.57 | 13.60 | 13.68 | 13.64 | 13.95 | 13.78 | 13.48 | 0.22 | 22.88 | 27.96 | 5.08  |
| HE20, M0.6 to M11.6-BF | 8 | 7.25  | 14.36 | 14.60 | 14.60 | 14.67 | 14.65 | 14.93 | 14.77 | 14.50 | 0.22 | 23.89 | 28.75 | 4.86  |
| HE20, M0.7 to M11.7-BF | 8 | 6.58  | 14.44 | 14.63 | 14.61 | 14.66 | 14.65 | 14.97 | 14.77 | 14.52 | 0.22 | 23.91 | 29.42 | 5.51  |
| HE20, M0.8 to M11.8-BF | 8 | 6.00  | 15.33 | 15.35 | 15.30 | 15.32 | 15.41 | 15.63 | 15.46 | 15.21 | 0.22 | 24.63 | 30.00 | 5.37  |
| HE20, M0 to M11-STBC   | 2 | 6.00  | 15.32 | 15.32 |       |       |       |       |       |       | 0.22 | 18.55 | 30.00 | 11.45 |
| HE20, M0 to M11-STBC   | 3 | 6.00  | 15.33 | 15.36 | 15.25 |       |       |       |       |       | 0.22 | 20.30 | 30.00 | 9.70  |
| HE20, M0 to M11-STBC   | 4 | 6.00  | 15.29 | 15.31 | 15.22 | 15.39 |       |       |       |       | 0.22 | 21.54 | 30.00 | 8.46  |
| HE20, M0 to M11-STBC   | 6 | 6.00  | 15.34 | 15.32 | 15.23 |       | 15.33 | 15.50 | 15.46 |       | 0.22 | 23.36 | 30.00 | 6.64  |
| HE20, M0 to M11-STBC   | 8 | 6.00  | 13.10 | 13.39 | 13.26 | 13.33 | 13.39 | 13.41 | 13.34 | 13.08 | 0.22 | 22.54 | 30.00 | 7.46  |

5200 MHz:

| Mode                               | Tx paths | correlated antenna gain (dBi) | Tx 1 Max Power (dBm) | Tx 2 Max Power (dBm) | Tx 3 Max Power (dBm) | Tx 4 Max Power (dBm) | Tx 5 Max Power (dBm) | Tx 6 Max Power (dBm) | Tx 7 Max Power (dBm) | Tx 8 Max Power (dBm) | DCCF (dB) | Total Max Power (dBm) | FCC Limit (dBm) | Margin (dB) |
|------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------|-----------------------|-----------------|-------------|
| non HT20, 6 to 54 Mbps             | 1        | 6.00                          | 15.49                |                      |                      |                      |                      |                      |                      |                      | 0.36      | 15.85                 | 30.00           | 14.15       |
| non HT20, 6 to 54 Mbps             | 2        | 6.00                          | 15.47                | 15.33                |                      |                      |                      |                      |                      |                      | 0.36      | 18.77                 | 30.00           | 11.23       |
| non HT20, 6 to 54 Mbps             | 3        | 6.00                          | 15.47                | 15.27                | 15.46                |                      |                      |                      |                      |                      | 0.36      | 20.53                 | 30.00           | 9.47        |
| non HT20, 6 to 54 Mbps             | 4        | 6.00                          | 15.47                | 15.31                | 15.46                | 15.70                |                      |                      |                      |                      | 0.36      | 21.87                 | 30.00           | 8.13        |
| non HT20, 6 to 54 Mbps             | 6        | 9.00                          | 13.11                | 13.04                | 13.19                |                      | 13.58                | 13.43                | 13.51                |                      | 0.36      | 21.46                 | 27.00           | 5.54        |
| non HT20, 6 to 54 Mbps             | 8        | 9.00                          | 10.36                | 10.37                | 10.40                | 10.57                | 10.82                | 10.75                | 10.85                | 10.80                | 0.36      | 20.01                 | 27.00           | 6.99        |
| non HT20, 6 to 54 Mbps-BF          | 2        | 9.01                          | 15.46                | 15.31                |                      |                      |                      |                      |                      |                      | 0.36      | 18.75                 | 26.99           | 8.24        |
| non HT20, 6 to 54 Mbps-BF          | 3        | 10.77                         | 15.47                | 15.26                | 15.46                |                      |                      |                      |                      |                      | 0.36      | 20.53                 | 25.23           | 4.70        |
| non HT20, 6 to 54 Mbps-BF          | 4        | 12.02                         | 15.46                | 15.34                | 15.47                | 15.66                |                      |                      |                      |                      | 0.36      | 21.86                 | 23.98           | 2.12        |
| non HT20, 6 to 54 Mbps-BF          | 6        | 13.78                         | 12.44                | 12.35                | 12.50                |                      | 12.91                | 13.06                | 12.78                |                      | 0.36      | 20.82                 | 22.22           | 1.40        |
| non HT20, 6 to 54 Mbps-BF          | 8        | 15.03                         | 10.39                | 10.04                | 10.40                | 10.38                | 10.95                | 10.91                | 10.90                | 10.85                | 0.36      | 20.01                 | 20.97           | 0.96        |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 1        | 6.00                          | 15.42                |                      |                      |                      |                      |                      |                      |                      | 0.22      | 15.64                 | 30.00           | 14.36       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 2        | 6.00                          | 15.42                | 15.26                |                      |                      |                      |                      |                      |                      | 0.22      | 18.57                 | 30.00           | 11.43       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 2        | 6.00                          | 15.39                | 15.32                |                      |                      |                      |                      |                      |                      | 0.22      | 18.58                 | 30.00           | 11.42       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 3        | 6.00                          | 15.45                | 15.23                | 15.49                |                      |                      |                      |                      |                      | 0.22      | 20.38                 | 30.00           | 9.62        |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 3        | 6.00                          | 15.61                | 15.41                | 15.66                |                      |                      |                      |                      |                      | 0.22      | 20.55                 | 30.00           | 9.45        |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 3        | 6.00                          | 15.41                | 15.31                | 15.49                |                      |                      |                      |                      |                      | 0.22      | 20.39                 | 30.00           | 9.61        |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 4        | 6.00                          | 15.47                | 15.37                | 15.32                | 15.56                |                      |                      |                      |                      | 0.22      | 21.67                 | 30.00           | 8.33        |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 4        | 6.00                          | 15.66                | 15.56                | 15.53                | 15.74                |                      |                      |                      |                      | 0.22      | 21.86                 | 30.00           | 8.14        |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 4        | 6.00                          | 15.69                | 15.59                | 15.56                | 15.77                |                      |                      |                      |                      | 0.22      | 21.89                 | 30.00           | 8.11        |
| HT/VHT20, M24 to M31, M0.4 to M8.4 | 4        | 6.00                          | 15.47                | 15.43                | 15.37                | 15.56                |                      |                      |                      |                      | 0.22      | 21.70                 | 30.00           | 8.30        |

|                                        |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|----------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| HT/VHT20, M0 to M7, M0.1 to M8.1       | 6 | 9.00  | 13.13 | 12.97 | 14.00 |       | 13.48 | 13.23 | 13.49 |       | 0.22 | 21.40 | 27.00 | 5.60  |
| HT/VHT20, M8 to M15, M0.2 to M8.2      | 6 | 8.39  | 15.66 | 15.50 | 15.52 |       | 16.03 | 15.79 | 16.05 |       | 0.22 | 23.77 | 27.61 | 3.84  |
| HT/VHT20, M16 to M23, M0.3 to M8.3     | 6 | 7.51  | 15.70 | 15.53 | 15.58 |       | 16.04 | 15.84 | 16.04 |       | 0.22 | 23.79 | 28.49 | 4.70  |
| HT/VHT20, M24 to M31, M0.4 to M8.4     | 6 | 6.88  | 15.71 | 15.53 | 15.63 |       | 16.07 | 15.86 | 16.03 |       | 0.22 | 23.81 | 29.12 | 5.31  |
| VHT20, M0.5 to M8.5                    | 6 | 6.40  | 15.47 | 15.31 | 15.34 |       | 15.84 | 15.58 | 15.85 |       | 0.22 | 23.57 | 29.60 | 6.03  |
| VHT20, M0.6 to M8.6                    | 6 | 6.00  | 15.67 | 15.50 | 15.54 |       | 16.02 | 15.80 | 16.05 |       | 0.22 | 23.77 | 30.00 | 6.23  |
| HT/VHT20, M0 to M7, M0.1 to M8.1       | 8 | 9.00  | 10.36 | 10.19 | 10.34 | 10.42 | 10.77 | 10.63 | 10.62 | 10.73 | 0.22 | 19.76 | 27.00 | 7.24  |
| HT/VHT20, M8 to M15, M0.2 to M8.2      | 8 | 9.00  | 13.91 | 13.74 | 13.89 | 13.97 | 14.32 | 14.18 | 14.17 | 14.28 | 0.22 | 23.31 | 27.00 | 3.69  |
| HT/VHT20, M16 to M23, M0.3 to M8.3     | 8 | 8.13  | 15.74 | 15.56 | 15.68 | 15.79 | 16.11 | 15.99 | 16.01 | 16.09 | 0.22 | 25.13 | 27.87 | 2.74  |
| HT/VHT20, M24 to M31, M0.4 to M8.4     | 8 | 7.51  | 15.73 | 15.53 | 15.69 | 15.83 | 16.14 | 16.02 | 16.03 | 16.08 | 0.22 | 25.14 | 28.49 | 3.35  |
| VHT20, M0.5 to M8.5                    | 8 | 7.02  | 15.50 | 15.32 | 15.49 | 15.57 | 15.90 | 15.78 | 15.75 | 15.86 | 0.22 | 24.90 | 28.98 | 4.08  |
| VHT20, M0.6 to M8.6                    | 8 | 6.62  | 15.71 | 15.51 | 15.66 | 15.77 | 16.09 | 15.97 | 15.95 | 16.05 | 0.22 | 25.09 | 29.38 | 4.29  |
| VHT20, M0.7 to M8.7                    | 8 | 6.29  | 15.73 | 15.55 | 15.69 | 15.82 | 16.13 | 15.97 | 16.00 | 16.10 | 0.22 | 25.13 | 29.71 | 4.58  |
| VHT20, M0.8 to M8.8                    | 8 | 6.00  | 15.76 | 15.58 | 15.73 | 15.84 | 16.16 | 16.05 | 16.02 | 16.13 | 0.22 | 25.16 | 30.00 | 4.84  |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 2 | 9.01  | 15.48 | 15.25 |       |       |       |       |       |       | 0.22 | 18.59 | 26.99 | 8.40  |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 2 | 6.00  | 15.48 | 15.30 |       |       |       |       |       |       | 0.22 | 18.62 | 30.00 | 11.38 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 3 | 10.77 | 15.48 | 15.37 | 15.42 |       |       |       |       |       | 0.22 | 20.41 | 25.23 | 4.82  |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 3 | 7.76  | 15.62 | 15.53 | 15.62 |       |       |       |       |       | 0.22 | 20.58 | 28.24 | 7.66  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 3 | 6.00  | 15.44 | 15.43 | 15.43 |       |       |       |       |       | 0.22 | 20.43 | 30.00 | 9.57  |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 4 | 12.02 | 15.46 | 15.31 | 15.45 | 15.61 |       |       |       |       | 0.22 | 21.70 | 23.98 | 2.28  |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 4 | 9.01  | 15.66 | 15.50 | 15.63 | 15.79 |       |       |       |       | 0.22 | 21.88 | 26.99 | 5.11  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 4 | 7.25  | 15.70 | 15.54 | 15.67 | 15.81 |       |       |       |       | 0.22 | 21.92 | 28.75 | 6.83  |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF  | 4 | 6.00  | 15.44 | 15.36 | 15.47 | 15.62 |       |       |       |       | 0.22 | 21.72 | 30.00 | 8.28  |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 6 | 13.78 | 12.40 | 12.25 | 12.49 |       | 12.90 | 12.72 | 12.75 |       | 0.22 | 20.59 | 22.22 | 1.63  |
| HT/VHT20, M8 to M15, M0.2 to M8.2 -BF  | 6 | 10.77 | 15.64 | 15.39 | 15.68 |       | 16.10 | 15.79 | 15.94 |       | 0.22 | 23.76 | 25.23 | 1.47  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 6 | 9.01  | 15.67 | 15.45 | 15.71 |       | 16.14 | 15.83 | 16.03 |       | 0.22 | 23.81 | 26.99 | 3.18  |
| HT/VHT20, M24 to M31, M0.4 to M8.4 -BF | 6 | 7.76  | 15.66 | 15.42 | 15.76 |       | 16.17 | 15.89 | 16.00 |       | 0.22 | 23.82 | 28.24 | 4.42  |
| VHT20, M0.5 to M8.5-BF                 | 6 | 6.79  | 15.45 | 15.21 | 15.49 |       | 15.92 | 15.61 | 15.79 |       | 0.22 | 23.58 | 29.21 | 5.63  |

|                                       |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|---------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| VHT20, M0.6 to M8.6-BF                | 6 | 6.00  | 15.65 | 15.40 | 15.70 |       | 16.11 | 15.79 | 15.95 |       | 0.22 | 23.77 | 30.00 | 6.23  |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF   | 8 | 15.03 | 10.33 | 10.08 | 10.66 | 10.25 | 10.88 | 10.74 | 10.85 | 10.80 | 0.22 | 19.83 | 20.97 | 1.14  |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 8 | 12.02 | 13.51 | 13.56 | 13.79 | 13.61 | 14.01 | 14.02 | 13.98 | 14.02 | 0.22 | 23.07 | 23.98 | 0.91  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 8 | 10.26 | 15.66 | 15.60 | 15.87 | 15.76 | 16.03 | 15.97 | 16.13 | 16.10 | 0.22 | 25.14 | 25.74 | 0.60  |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 8 | 9.01  | 15.68 | 15.59 | 15.88 | 15.83 | 16.06 | 16.02 | 16.13 | 16.07 | 0.22 | 25.16 | 26.99 | 1.83  |
| VHT20, M0.5 to M8.5-BF                | 8 | 8.04  | 15.43 | 15.37 | 15.69 | 15.56 | 15.82 | 15.79 | 15.91 | 15.88 | 0.22 | 24.94 | 27.96 | 3.02  |
| VHT20, M0.6 to M8.6-BF                | 8 | 7.25  | 15.64 | 15.56 | 15.86 | 15.76 | 16.02 | 15.96 | 16.11 | 16.05 | 0.22 | 25.12 | 28.75 | 3.63  |
| VHT20, M0.7 to M8.7-BF                | 8 | 6.58  | 15.66 | 15.60 | 15.89 | 15.79 | 16.07 | 16.02 | 16.13 | 16.10 | 0.22 | 25.16 | 29.42 | 4.26  |
| VHT20, M0.8 to M8.8-BF                | 8 | 6.00  | 15.70 | 15.63 | 15.91 | 15.82 | 16.06 | 16.05 | 16.15 | 16.12 | 0.22 | 25.18 | 30.00 | 4.82  |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 2 | 6.00  | 15.44 | 15.29 |       |       |       |       |       |       | 0.22 | 18.60 | 30.00 | 11.40 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 3 | 6.00  | 15.47 | 15.19 | 15.43 |       |       |       |       |       | 0.22 | 20.35 | 30.00 | 9.65  |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 4 | 6.00  | 15.45 | 15.28 | 15.55 | 15.74 |       |       |       |       | 0.22 | 21.75 | 30.00 | 8.25  |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 6 | 6.00  | 15.43 | 15.25 | 15.41 |       | 15.93 | 15.64 | 15.85 |       | 0.22 | 23.59 | 30.00 | 6.41  |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 8 | 6.00  | 13.31 | 13.23 | 13.36 | 13.60 | 13.82 | 13.95 | 13.70 | 13.81 | 0.22 | 22.85 | 30.00 | 7.15  |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | 15.59 |       |       |       |       |       |       |       | 0.22 | 15.81 | 30.00 | 14.19 |
| HE20, M0.1 to M11.1                   | 2 | 6.00  | 15.57 | 15.48 |       |       |       |       |       |       | 0.22 | 18.75 | 30.00 | 11.25 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | 15.61 | 15.50 |       |       |       |       |       |       | 0.22 | 18.79 | 30.00 | 11.21 |
| HE20, M0.1 to M11.1                   | 3 | 6.00  | 15.59 | 15.43 | 15.67 |       |       |       |       |       | 0.22 | 20.55 | 30.00 | 9.45  |
| HE20, M0.2 to M11.2                   | 3 | 6.00  | 15.72 | 15.66 | 15.88 |       |       |       |       |       | 0.22 | 20.75 | 30.00 | 9.25  |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | 15.58 | 15.47 | 15.69 |       |       |       |       |       | 0.22 | 20.57 | 30.00 | 9.43  |
| HE20, M0.1 to M11.1                   | 4 | 6.00  | 15.61 | 15.56 | 15.58 | 15.83 |       |       |       |       | 0.22 | 21.89 | 30.00 | 8.11  |
| HE20, M0.2 to M11.2                   | 4 | 6.00  | 15.79 | 15.77 | 15.82 | 16.04 |       |       |       |       | 0.22 | 22.09 | 30.00 | 7.91  |
| HE20, M0.3 to M11.3                   | 4 | 6.00  | 15.79 | 15.85 | 15.82 | 16.11 |       |       |       |       | 0.22 | 22.14 | 30.00 | 7.86  |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | 15.66 | 15.61 | 15.58 | 15.86 |       |       |       |       | 0.22 | 21.92 | 30.00 | 8.08  |
| HE20, M0.1 to M11.1                   | 6 | 9.00  | 13.34 | 13.24 | 13.34 |       | 13.82 | 13.68 | 13.63 |       | 0.22 | 21.51 | 27.00 | 5.49  |
| HE20, M0.2 to M11.2                   | 6 | 8.39  | 15.79 | 15.72 | 15.86 |       | 16.35 | 16.20 | 16.08 |       | 0.22 | 24.01 | 27.61 | 3.60  |
| HE20, M0.3 to M11.3                   | 6 | 7.51  | 15.77 | 15.75 | 15.92 |       | 16.35 | 16.25 | 16.19 |       | 0.22 | 24.04 | 28.49 | 4.45  |
| HE20, M0.4 to M11.4                   | 6 | 6.88  | 15.81 | 15.79 | 15.95 |       | 16.37 | 16.34 | 16.19 |       | 0.22 | 24.08 | 29.12 | 5.04  |

|                            |          |             |              |              |              |              |              |              |              |              |             |              |              |             |
|----------------------------|----------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|-------------|
| HE20, M0.5 to M11.5        | 6        | 6.40        | 15.82        | 15.81        | 16.00        |              | 16.34        | 16.38        | 16.21        |              | 0.22        | 24.10        | 29.60        | 5.50        |
| HE20, M0.6 to M11.6        | 6        | 6.00        | 15.63        | 15.57        | 15.64        |              | 16.11        | 16.01        | 15.96        |              | 0.22        | 23.83        | 30.00        | 6.17        |
| HE20, M0.1 to M11.1        | 8        | 9.00        | 10.51        | 10.33        | 10.58        | 10.72        | 10.93        | 10.96        | 10.94        | 10.89        | 0.22        | 19.99        | 27.00        | 7.01        |
| HE20, M0.2 to M11.2        | 8        | 9.00        | 14.33        | 14.13        | 14.44        | 14.59        | 14.83        | 14.82        | 14.78        | 14.70        | 0.22        | 23.83        | 27.00        | 3.17        |
| HE20, M0.3 to M11.3        | 8        | 8.13        | 15.79        | 15.64        | 15.97        | 16.10        | 16.30        | 16.32        | 16.32        | 16.21        | 0.22        | 25.34        | 27.87        | 2.53        |
| HE20, M0.4 to M11.4        | 8        | 7.51        | 15.82        | 15.67        | 16.02        | 16.14        | 16.34        | 16.37        | 16.37        | 16.22        | 0.22        | 25.37        | 28.49        | 3.12        |
| HE20, M0.5 to M11.5        | 8        | 7.02        | 15.87        | 15.73        | 16.00        | 16.19        | 16.31        | 16.44        | 16.37        | 16.26        | 0.22        | 25.40        | 28.98        | 3.58        |
| HE20, M0.6 to M11.6        | 8        | 6.62        | 15.88        | 15.72        | 16.00        | 16.17        | 16.31        | 16.41        | 16.34        | 16.26        | 0.22        | 25.39        | 29.38        | 3.99        |
| <b>HE20, M0.7 to M11.7</b> | <b>8</b> | <b>6.29</b> | <b>15.95</b> | <b>15.75</b> | <b>16.00</b> | <b>16.17</b> | <b>16.31</b> | <b>16.43</b> | <b>16.35</b> | <b>16.31</b> | <b>0.22</b> | <b>25.42</b> | <b>29.71</b> | <b>4.29</b> |
| HE20, M0.8 to M11.8        | 8        | 6.00        | 15.69        | 15.50        | 15.71        | 15.84        | 16.08        | 16.09        | 16.08        | 16.02        | 0.22        | 25.13        | 30.00        | 4.87        |
| HE20, M0.1 to M11.1-BF     | 2        | 9.01        | 15.60        | 15.49        |              |              |              |              |              |              | 0.22        | 18.77        | 26.99        | 8.22        |
| HE20, M0.2 to M11.2-BF     | 2        | 6.00        | 15.63        | 15.52        |              |              |              |              |              |              | 0.22        | 18.80        | 30.00        | 11.20       |
| HE20, M0.1 to M11.1-BF     | 3        | 10.77       | 15.62        | 15.45        | 15.65        |              |              |              |              |              | 0.22        | 20.57        | 25.23        | 4.66        |
| HE20, M0.2 to M11.2-BF     | 3        | 7.76        | 15.80        | 15.69        | 15.87        |              |              |              |              |              | 0.22        | 20.78        | 28.24        | 7.46        |
| HE20, M0.3 to M11.3-BF     | 3        | 6.00        | 15.65        | 15.48        | 15.67        |              |              |              |              |              | 0.22        | 20.59        | 30.00        | 9.41        |
| HE20, M0.1 to M11.1-BF     | 4        | 12.02       | 15.63        | 15.47        | 15.55        | 15.89        |              |              |              |              | 0.22        | 21.88        | 23.98        | 2.10        |
| HE20, M0.2 to M11.2-BF     | 4        | 9.01        | 15.83        | 15.67        | 15.78        | 16.10        |              |              |              |              | 0.22        | 22.09        | 26.99        | 4.90        |
| HE20, M0.3 to M11.3-BF     | 4        | 7.25        | 15.82        | 15.75        | 15.79        | 16.14        |              |              |              |              | 0.22        | 22.12        | 28.75        | 6.63        |
| HE20, M0.4 to M11.4-BF     | 4        | 6.00        | 15.67        | 15.50        | 15.56        | 15.89        |              |              |              |              | 0.22        | 21.90        | 30.00        | 8.10        |
| HE20, M0.1 to M11.1-BF     | 6        | 13.78       | 12.52        | 12.54        | 12.56        |              | 13.04        | 13.09        | 12.96        |              | 0.22        | 20.79        | 22.22        | 1.43        |
| HE20, M0.2 to M11.2-BF     | 6        | 10.77       | 15.73        | 15.69        | 15.77        |              | 16.27        | 16.21        | 16.15        |              | 0.22        | 23.98        | 25.23        | 1.25        |
| HE20, M0.3 to M11.3-BF     | 6        | 9.01        | 15.75        | 15.74        | 15.83        |              | 16.30        | 16.26        | 16.25        |              | 0.22        | 24.03        | 26.99        | 2.96        |
| HE20, M0.4 to M11.4-BF     | 6        | 7.76        | 15.78        | 15.77        | 15.86        |              | 16.33        | 16.33        | 16.24        |              | 0.22        | 24.06        | 28.24        | 4.18        |
| HE20, M0.5 to M11.5-BF     | 6        | 6.79        | 15.81        | 15.78        | 15.91        |              | 16.32        | 16.36        | 16.27        |              | 0.22        | 24.08        | 29.21        | 5.13        |
| HE20, M0.6 to M11.6-BF     | 6        | 6.00        | 15.62        | 15.53        | 15.55        |              | 16.09        | 16.01        | 16.05        |              | 0.22        | 23.82        | 30.00        | 6.18        |
| HE20, M0.1 to M11.1-BF     | 8        | 15.03       | 10.50        | 10.12        | 10.51        | 10.56        | 11.14        | 10.92        | 10.97        | 10.93        | 0.22        | 19.97        | 20.97        | 1.00        |
| HE20, M0.2 to M11.2-BF     | 8        | 12.02       | 13.65        | 13.59        | 13.73        | 13.97        | 14.31        | 14.27        | 14.11        | 14.10        | 0.22        | 23.23        | 23.98        | 0.75        |
| HE20, M0.3 to M11.3-BF     | 8        | 10.26       | 15.75        | 15.62        | 15.81        | 16.13        | 16.30        | 16.22        | 16.30        | 16.23        | 0.22        | 25.30        | 25.74        | 0.44        |

|                        |   |      |       |       |       |       |       |       |       |       |      |       |       |       |
|------------------------|---|------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| HE20, M0.4 to M11.4-BF | 8 | 9.01 | 15.78 | 15.63 | 15.85 | 16.18 | 16.35 | 16.26 | 16.35 | 16.23 | 0.22 | 25.34 | 26.99 | 1.65  |
| HE20, M0.5 to M11.5-BF | 8 | 8.04 | 15.81 | 15.69 | 15.85 | 16.22 | 16.31 | 16.32 | 16.36 | 16.27 | 0.22 | 25.36 | 27.96 | 2.60  |
| HE20, M0.6 to M11.6-BF | 8 | 7.25 | 15.81 | 15.69 | 15.83 | 16.21 | 16.32 | 16.32 | 16.33 | 16.26 | 0.22 | 25.35 | 28.75 | 3.40  |
| HE20, M0.7 to M11.7-BF | 8 | 6.58 | 15.90 | 15.72 | 15.85 | 16.19 | 16.32 | 16.30 | 16.35 | 16.32 | 0.22 | 25.38 | 29.42 | 4.04  |
| HE20, M0.8 to M11.8-BF | 8 | 6.00 | 15.64 | 15.46 | 15.57 | 15.92 | 16.11 | 15.97 | 16.04 | 16.03 | 0.22 | 25.10 | 30.00 | 4.90  |
| HE20, M0 to M11-STBC   | 2 | 6.00 | 15.63 | 15.44 |       |       |       |       |       |       | 0.22 | 18.77 | 30.00 | 11.23 |
| HE20, M0 to M11-STBC   | 3 | 6.00 | 15.59 | 15.42 | 15.57 |       |       |       |       |       | 0.22 | 20.52 | 30.00 | 9.48  |
| HE20, M0 to M11-STBC   | 4 | 6.00 | 15.66 | 15.43 | 15.54 | 15.88 |       |       |       |       | 0.22 | 21.87 | 30.00 | 8.13  |
| HE20, M0 to M11-STBC   | 6 | 6.00 | 15.57 | 15.46 | 15.63 |       | 16.14 | 15.96 | 15.98 |       | 0.22 | 23.80 | 30.00 | 6.20  |
| HE20, M0 to M11-STBC   | 8 | 6.00 | 13.54 | 13.40 | 13.60 | 13.83 | 14.07 | 14.06 | 13.91 | 13.93 | 0.22 | 23.05 | 30.00 | 6.95  |



## 5240 MHz:

| Mode                               | Tx paths | correlated antenna gain (dBi) | Tx 1 Max Power (dBm) | Tx 2 Max Power (dBm) | Tx 3 Max Power (dBm) | Tx 4 Max Power (dBm) | Tx 5 Max Power (dBm) | Tx 6 Max Power (dBm) | Tx 7 Max Power (dBm) | Tx 8 Max Power (dBm) | DCCF (dB) | Total Max Power (dBm) | FCC Limit (dBm) | Margin (dB) |
|------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------|-----------------------|-----------------|-------------|
| non HT20, 6 to 54 Mbps             | 1        | 6.00                          | 14.90                |                      |                      |                      |                      |                      |                      |                      | 0.36      | 15.26                 | 30.00           | 14.74       |
| non HT20, 6 to 54 Mbps             | 2        | 6.00                          | 14.87                | 14.88                |                      |                      |                      |                      |                      |                      | 0.36      | 18.25                 | 30.00           | 11.75       |
| non HT20, 6 to 54 Mbps             | 3        | 6.00                          | 14.87                | 14.93                | 14.95                |                      |                      |                      |                      |                      | 0.36      | 20.05                 | 30.00           | 9.95        |
| non HT20, 6 to 54 Mbps             | 4        | 6.00                          | 14.93                | 14.83                | 14.90                | 15.01                |                      |                      |                      |                      | 0.36      | 21.30                 | 30.00           | 8.70        |
| non HT20, 6 to 54 Mbps             | 6        | 9.00                          | 12.45                | 12.31                | 12.49                |                      | 12.28                | 12.14                | 12.34                |                      | 0.36      | 20.48                 | 27.00           | 6.52        |
| non HT20, 6 to 54 Mbps             | 8        | 9.00                          | 9.45                 | 9.12                 | 9.32                 | 9.26                 | 9.21                 | 9.25                 | 9.40                 | 9.37                 | 0.36      | 18.69                 | 27.00           | 8.31        |
| non HT20, 6 to 54 Mbps-BF          | 2        | 9.01                          | 14.90                | 14.85                |                      |                      |                      |                      |                      |                      | 0.36      | 18.24                 | 26.99           | 8.75        |
| non HT20, 6 to 54 Mbps-BF          | 3        | 10.77                         | 14.92                | 14.84                | 14.95                |                      |                      |                      |                      |                      | 0.36      | 20.04                 | 25.23           | 5.19        |
| non HT20, 6 to 54 Mbps-BF          | 4        | 12.02                         | 14.93                | 14.99                | 14.90                | 15.08                |                      |                      |                      |                      | 0.36      | 21.35                 | 23.98           | 2.63        |
| non HT20, 6 to 54 Mbps-BF          | 6        | 13.78                         | 11.87                | 11.88                | 12.04                |                      | 12.21                | 12.25                | 12.18                |                      | 0.36      | 20.22                 | 22.22           | 2.00        |
| non HT20, 6 to 54 Mbps-BF          | 8        | 15.03                         | 9.95                 | 9.92                 | 10.00                | 9.89                 | 10.16                | 10.24                | 10.30                | 10.26                | 0.36      | 19.48                 | 20.97           | 1.49        |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 1        | 6.00                          | 14.87                |                      |                      |                      |                      |                      |                      |                      | 0.22      | 15.09                 | 30.00           | 14.92       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 2        | 6.00                          | 14.85                | 14.85                |                      |                      |                      |                      |                      |                      | 0.22      | 18.08                 | 30.00           | 11.92       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 2        | 6.00                          | 14.87                | 14.89                |                      |                      |                      |                      |                      |                      | 0.22      | 18.11                 | 30.00           | 11.89       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 3        | 6.00                          | 14.85                | 14.79                | 14.90                |                      |                      |                      |                      |                      | 0.22      | 19.84                 | 30.00           | 10.16       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 3        | 6.00                          | 15.03                | 14.99                | 15.10                |                      |                      |                      |                      |                      | 0.22      | 20.03                 | 30.00           | 9.97        |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 3        | 6.00                          | 14.85                | 14.87                | 14.91                |                      |                      |                      |                      |                      | 0.22      | 19.87                 | 30.00           | 10.13       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 4        | 6.00                          | 14.83                | 14.88                | 15.02                | 15.00                |                      |                      |                      |                      | 0.22      | 21.17                 | 30.00           | 8.83        |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 4        | 6.00                          | 15.05                | 15.05                | 15.19                | 15.19                |                      |                      |                      |                      | 0.22      | 21.36                 | 30.00           | 8.64        |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 4        | 6.00                          | 15.09                | 15.11                | 15.23                | 15.21                |                      |                      |                      |                      | 0.22      | 21.40                 | 30.00           | 8.60        |
| HT/VHT20, M24 to M31, M0.4 to M8.4 | 4        | 6.00                          | 14.84                | 14.93                | 15.02                | 14.99                |                      |                      |                      |                      | 0.22      | 21.19                 | 30.00           | 8.81        |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 6        | 9.00                          | 11.89                | 11.88                | 11.90                |                      | 12.11                | 12.02                | 12.24                |                      | 0.22      | 20.01                 | 27.00           | 6.99        |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 6        | 8.39                          | 15.09                | 15.03                | 15.11                |                      | 15.26                | 15.52                | 15.42                |                      | 0.22      | 23.24                 | 27.61           | 4.37        |

|                                        |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|----------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| HT/VHT20, M16 to M23, M0.3 to M8.3     | 6 | 7.51  | 15.14 | 15.10 | 15.15 |       | 15.27 | 15.56 | 15.49 |       | 0.22 | 23.29 | 28.49 | 5.20  |
| HT/VHT20, M24 to M31, M0.4 to M8.4     | 6 | 6.88  | 15.14 | 15.10 | 15.19 |       | 15.31 | 15.59 | 15.47 |       | 0.22 | 23.30 | 29.12 | 5.82  |
| VHT20, M0.5 to M8.5                    | 6 | 6.40  | 14.89 | 14.84 | 14.91 |       | 15.08 | 15.32 | 15.23 |       | 0.22 | 23.05 | 29.60 | 6.55  |
| VHT20, M0.6 to M8.6                    | 6 | 6.00  | 15.10 | 15.07 | 15.12 |       | 15.29 | 15.53 | 15.39 |       | 0.22 | 23.25 | 30.00 | 6.75  |
| HT/VHT20, M0 to M7, M0.1 to M8.1       | 8 | 9.00  | 8.85  | 8.88  | 9.04  | 9.03  | 9.11  | 9.23  | 9.34  | 9.14  | 0.22 | 18.33 | 27.00 | 8.67  |
| HT/VHT20, M8 to M15, M0.2 to M8.2      | 8 | 9.00  | 13.05 | 13.06 | 13.20 | 13.20 | 13.31 | 13.51 | 13.50 | 13.55 | 0.22 | 22.55 | 27.00 | 4.45  |
| HT/VHT20, M16 to M23, M0.3 to M8.3     | 8 | 8.13  | 15.10 | 15.11 | 15.23 | 15.24 | 15.34 | 15.54 | 15.55 | 15.58 | 0.22 | 24.59 | 27.87 | 3.28  |
| HT/VHT20, M24 to M31, M0.4 to M8.4     | 8 | 7.51  | 15.13 | 15.11 | 15.27 | 15.30 | 15.32 | 15.56 | 15.55 | 15.57 | 0.22 | 24.61 | 28.49 | 3.88  |
| VHT20, M0.5 to M8.5                    | 8 | 7.02  | 14.87 | 14.88 | 15.03 | 15.03 | 15.11 | 15.31 | 15.28 | 15.32 | 0.22 | 24.36 | 28.98 | 4.62  |
| VHT20, M0.6 to M8.6                    | 8 | 6.62  | 15.07 | 15.06 | 15.21 | 15.22 | 15.30 | 15.50 | 15.48 | 15.53 | 0.22 | 24.55 | 29.38 | 4.83  |
| VHT20, M0.7 to M8.7                    | 8 | 6.29  | 15.10 | 15.11 | 15.24 | 15.23 | 15.33 | 15.53 | 15.54 | 15.57 | 0.22 | 24.59 | 29.71 | 5.12  |
| VHT20, M0.8 to M8.8                    | 8 | 6.00  | 15.15 | 15.13 | 15.25 | 15.26 | 15.37 | 15.53 | 15.56 | 15.59 | 0.22 | 24.61 | 30.00 | 5.39  |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 2 | 9.01  | 14.88 | 14.84 |       |       |       |       |       |       | 0.22 | 18.09 | 26.99 | 8.90  |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 2 | 6.00  | 14.87 | 14.87 |       |       |       |       |       |       | 0.22 | 18.10 | 30.00 | 11.90 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 3 | 10.77 | 14.84 | 14.91 | 14.87 |       |       |       |       |       | 0.22 | 19.86 | 25.23 | 5.37  |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 3 | 7.76  | 15.03 | 15.11 | 15.08 |       |       |       |       |       | 0.22 | 20.06 | 28.24 | 8.18  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 3 | 6.00  | 14.83 | 14.99 | 14.90 |       |       |       |       |       | 0.22 | 19.90 | 30.00 | 10.10 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 4 | 12.02 | 14.95 | 14.89 | 14.83 | 15.07 |       |       |       |       | 0.22 | 21.17 | 23.98 | 2.81  |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 4 | 9.01  | 15.15 | 15.07 | 15.04 | 15.21 |       |       |       |       | 0.22 | 21.36 | 26.99 | 5.63  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 4 | 7.25  | 15.17 | 15.12 | 15.09 | 15.27 |       |       |       |       | 0.22 | 21.40 | 28.75 | 7.35  |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF  | 4 | 6.00  | 14.93 | 14.96 | 14.91 | 15.02 |       |       |       |       | 0.22 | 21.20 | 30.00 | 8.80  |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 6 | 13.78 | 11.84 | 11.87 | 12.04 |       | 12.07 | 12.18 | 12.10 |       | 0.22 | 20.02 | 22.22 | 2.20  |
| HT/VHT20, M8 to M15, M0.2 to M8.2 -BF  | 6 | 10.77 | 15.05 | 15.05 | 15.12 |       | 15.27 | 15.21 | 15.41 |       | 0.22 | 23.19 | 25.23 | 2.04  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 6 | 9.01  | 15.09 | 15.13 | 15.16 |       | 15.34 | 15.26 | 15.47 |       | 0.22 | 23.25 | 26.99 | 3.74  |
| HT/VHT20, M24 to M31, M0.4 to M8.4 -BF | 6 | 7.76  | 15.11 | 15.09 | 15.20 |       | 15.32 | 15.32 | 15.45 |       | 0.22 | 23.25 | 28.24 | 4.99  |
| VHT20, M0.5 to M8.5-BF                 | 6 | 6.79  | 14.84 | 14.89 | 14.91 |       | 15.13 | 15.02 | 15.24 |       | 0.22 | 23.01 | 29.21 | 6.20  |
| VHT20, M0.6 to M8.6-BF                 | 6 | 6.00  | 15.03 | 15.08 | 15.11 |       | 15.29 | 15.20 | 15.41 |       | 0.22 | 23.19 | 30.00 | 6.81  |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 8 | 15.03 | 9.87  | 10.00 | 10.02 | 9.87  | 10.04 | 10.21 | 10.18 | 10.18 | 0.22 | 19.30 | 20.97 | 1.67  |

|                                       |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|---------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 8 | 12.02 | 13.08 | 13.13 | 13.26 | 13.09 | 13.29 | 13.49 | 13.35 | 13.52 | 0.22 | 22.53 | 23.98 | 1.45  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 8 | 10.26 | 15.13 | 15.15 | 15.24 | 15.11 | 15.34 | 15.48 | 15.52 | 15.57 | 0.22 | 24.57 | 25.74 | 1.17  |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 8 | 9.01  | 15.12 | 15.14 | 15.26 | 15.17 | 15.38 | 15.52 | 15.54 | 15.56 | 0.22 | 24.59 | 26.99 | 2.40  |
| VHT20, M0.5 to M8.5-BF                | 8 | 8.04  | 14.87 | 14.91 | 15.03 | 14.90 | 15.15 | 15.29 | 15.28 | 15.32 | 0.22 | 24.35 | 27.96 | 3.61  |
| VHT20, M0.6 to M8.6-BF                | 8 | 7.25  | 15.06 | 15.14 | 15.21 | 15.11 | 15.33 | 15.47 | 15.47 | 15.52 | 0.22 | 24.54 | 28.75 | 4.21  |
| VHT20, M0.7 to M8.7-BF                | 8 | 6.58  | 15.10 | 15.18 | 15.23 | 15.14 | 15.36 | 15.49 | 15.51 | 15.56 | 0.22 | 24.57 | 29.42 | 4.85  |
| VHT20, M0.8 to M8.8-BF                | 8 | 6.00  | 15.14 | 15.17 | 15.26 | 15.15 | 15.39 | 15.51 | 15.56 | 15.60 | 0.22 | 24.60 | 30.00 | 5.40  |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 2 | 6.00  | 14.90 | 14.89 |       |       |       |       |       |       | 0.22 | 18.12 | 30.00 | 11.88 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 3 | 6.00  | 14.88 | 14.89 | 14.92 |       |       |       |       |       | 0.22 | 19.89 | 30.00 | 10.11 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 4 | 6.00  | 14.87 | 14.92 | 14.87 | 15.06 |       |       |       |       | 0.22 | 21.17 | 30.00 | 8.83  |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 6 | 6.00  | 14.86 | 14.86 | 14.88 |       | 15.29 | 15.39 | 15.24 |       | 0.22 | 23.09 | 30.00 | 6.91  |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 8 | 6.00  | 12.93 | 12.92 | 12.87 | 13.08 | 13.11 | 13.29 | 13.16 | 13.34 | 0.22 | 22.34 | 30.00 | 7.66  |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | 15.05 |       |       |       |       |       |       |       | 0.22 | 15.27 | 30.00 | 14.73 |
| HE20, M0.1 to M11.1                   | 2 | 6.00  | 15.03 | 15.02 |       |       |       |       |       |       | 0.22 | 18.26 | 30.00 | 11.74 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | 15.05 | 15.03 |       |       |       |       |       |       | 0.22 | 18.27 | 30.00 | 11.73 |
| HE20, M0.1 to M11.1                   | 3 | 6.00  | 15.01 | 15.05 | 15.05 |       |       |       |       |       | 0.22 | 20.03 | 30.00 | 9.97  |
| HE20, M0.2 to M11.2                   | 3 | 6.00  | 15.18 | 15.29 | 15.27 |       |       |       |       |       | 0.22 | 20.24 | 30.00 | 9.76  |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | 15.02 | 15.08 | 15.06 |       |       |       |       |       | 0.22 | 20.05 | 30.00 | 9.95  |
| HE20, M0.1 to M11.1                   | 4 | 6.00  | 15.04 | 15.11 | 15.06 | 15.14 |       |       |       |       | 0.22 | 21.33 | 30.00 | 8.67  |
| HE20, M0.2 to M11.2                   | 4 | 6.00  | 15.20 | 15.32 | 15.31 | 15.35 |       |       |       |       | 0.22 | 21.54 | 30.00 | 8.46  |
| HE20, M0.3 to M11.3                   | 4 | 6.00  | 15.19 | 15.39 | 15.31 | 15.41 |       |       |       |       | 0.22 | 21.56 | 30.00 | 8.44  |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | 15.06 | 15.14 | 15.08 | 15.14 |       |       |       |       | 0.22 | 21.35 | 30.00 | 8.65  |
| HE20, M0.1 to M11.1                   | 6 | 9.00  | 12.02 | 12.07 | 12.05 |       | 12.38 | 12.37 | 12.51 |       | 0.22 | 20.24 | 27.00 | 6.76  |
| HE20, M0.2 to M11.2                   | 6 | 8.39  | 15.17 | 15.27 | 15.30 |       | 15.62 | 15.61 | 15.70 |       | 0.22 | 23.45 | 27.61 | 4.16  |
| HE20, M0.3 to M11.3                   | 6 | 7.51  | 15.17 | 15.32 | 15.36 |       | 15.59 | 15.67 | 15.69 |       | 0.22 | 23.47 | 28.49 | 5.02  |
| HE20, M0.4 to M11.4                   | 6 | 6.88  | 15.23 | 15.35 | 15.41 |       | 15.63 | 15.74 | 15.71 |       | 0.22 | 23.52 | 29.12 | 5.60  |
| HE20, M0.5 to M11.5                   | 6 | 6.40  | 15.25 | 15.37 | 15.44 |       | 15.62 | 15.77 | 15.77 |       | 0.22 | 23.54 | 29.60 | 6.06  |
| HE20, M0.6 to M11.6                   | 6 | 6.00  | 15.06 | 15.12 | 15.09 |       | 15.37 | 15.43 | 15.48 |       | 0.22 | 23.26 | 30.00 | 6.74  |

|                        |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| HE20, M0.1 to M11.1    | 8 | 9.00  | 10.04 | 10.02 | 10.03 | 10.16 | 10.35 | 10.38 | 10.43 | 10.52 | 0.22 | 19.50 | 27.00 | 7.50  |
| HE20, M0.2 to M11.2    | 8 | 9.00  | 13.20 | 13.21 | 13.25 | 13.39 | 13.59 | 13.61 | 13.64 | 13.71 | 0.22 | 22.70 | 27.00 | 4.30  |
| HE20, M0.3 to M11.3    | 8 | 8.13  | 15.21 | 15.23 | 15.32 | 15.42 | 15.65 | 15.65 | 15.71 | 15.75 | 0.22 | 24.75 | 27.87 | 3.12  |
| HE20, M0.4 to M11.4    | 8 | 7.51  | 15.25 | 15.25 | 15.37 | 15.48 | 15.70 | 15.69 | 15.74 | 15.77 | 0.22 | 24.79 | 28.49 | 3.70  |
| HE20, M0.5 to M11.5    | 8 | 7.02  | 15.28 | 15.29 | 15.34 | 15.54 | 15.67 | 15.73 | 15.75 | 15.81 | 0.22 | 24.81 | 28.98 | 4.17  |
| HE20, M0.6 to M11.6    | 8 | 6.62  | 15.29 | 15.31 | 15.34 | 15.50 | 15.68 | 15.72 | 15.74 | 15.82 | 0.22 | 24.81 | 29.38 | 4.57  |
| HE20, M0.7 to M11.7    | 8 | 6.29  | 15.33 | 15.34 | 15.38 | 15.51 | 15.66 | 15.72 | 15.73 | 15.86 | 0.22 | 24.82 | 29.71 | 4.89  |
| HE20, M0.8 to M11.8    | 8 | 6.00  | 15.08 | 15.07 | 15.11 | 15.17 | 15.43 | 15.37 | 15.45 | 15.57 | 0.22 | 24.54 | 30.00 | 5.46  |
| HE20, M0.1 to M11.1-BF | 2 | 9.01  | 15.07 | 15.03 |       |       |       |       |       |       | 0.22 | 18.28 | 26.99 | 8.71  |
| HE20, M0.2 to M11.2-BF | 2 | 6.00  | 15.08 | 15.06 |       |       |       |       |       |       | 0.22 | 18.30 | 30.00 | 11.70 |
| HE20, M0.1 to M11.1-BF | 3 | 10.77 | 15.06 | 15.00 | 15.10 |       |       |       |       |       | 0.22 | 20.05 | 25.23 | 5.18  |
| HE20, M0.2 to M11.2-BF | 3 | 7.76  | 15.27 | 15.23 | 15.34 |       |       |       |       |       | 0.22 | 20.27 | 28.24 | 7.97  |
| HE20, M0.3 to M11.3-BF | 3 | 6.00  | 15.11 | 15.04 | 15.13 |       |       |       |       |       | 0.22 | 20.09 | 30.00 | 9.91  |
| HE20, M0.1 to M11.1-BF | 4 | 12.02 | 15.05 | 15.13 | 15.11 | 15.18 |       |       |       |       | 0.22 | 21.36 | 23.98 | 2.62  |
| HE20, M0.2 to M11.2-BF | 4 | 9.01  | 15.21 | 15.34 | 15.38 | 15.37 |       |       |       |       | 0.22 | 21.57 | 26.99 | 5.42  |
| HE20, M0.3 to M11.3-BF | 4 | 7.25  | 15.21 | 15.42 | 15.42 | 15.43 |       |       |       |       | 0.22 | 21.61 | 28.75 | 7.14  |
| HE20, M0.4 to M11.4-BF | 4 | 6.00  | 15.07 | 15.18 | 15.18 | 15.16 |       |       |       |       | 0.22 | 21.39 | 30.00 | 8.61  |
| HE20, M0.1 to M11.1-BF | 6 | 13.78 | 12.10 | 12.09 | 12.20 |       | 12.36 | 12.53 | 12.36 |       | 0.22 | 20.28 | 22.22 | 1.94  |
| HE20, M0.2 to M11.2-BF | 6 | 10.77 | 15.27 | 15.26 | 15.29 |       | 15.60 | 15.63 | 15.70 |       | 0.22 | 23.46 | 25.23 | 1.77  |
| HE20, M0.3 to M11.3-BF | 6 | 9.01  | 15.26 | 15.30 | 15.35 |       | 15.60 | 15.68 | 15.70 |       | 0.22 | 23.49 | 26.99 | 3.50  |
| HE20, M0.4 to M11.4-BF | 6 | 7.76  | 15.27 | 15.34 | 15.40 |       | 15.64 | 15.74 | 15.71 |       | 0.22 | 23.52 | 28.24 | 4.72  |
| HE20, M0.5 to M11.5-BF | 6 | 6.79  | 15.31 | 15.38 | 15.48 |       | 15.63 | 15.77 | 15.77 |       | 0.22 | 23.56 | 29.21 | 5.65  |
| HE20, M0.6 to M11.6-BF | 6 | 6.00  | 15.13 | 15.12 | 15.11 |       | 15.37 | 15.42 | 15.48 |       | 0.22 | 23.27 | 30.00 | 6.73  |
| HE20, M0.1 to M11.1-BF | 8 | 15.03 | 10.11 | 10.14 | 10.07 | 10.13 | 10.23 | 10.33 | 10.34 | 10.40 | 0.22 | 19.47 | 20.97 | 1.50  |
| HE20, M0.2 to M11.2-BF | 8 | 12.02 | 13.30 | 13.25 | 13.35 | 13.42 | 13.55 | 13.67 | 13.53 | 13.72 | 0.22 | 22.73 | 23.98 | 1.25  |
| HE20, M0.3 to M11.3-BF | 8 | 10.26 | 15.26 | 15.27 | 15.33 | 15.43 | 15.57 | 15.64 | 15.71 | 15.77 | 0.22 | 24.75 | 25.74 | 0.99  |
| HE20, M0.4 to M11.4-BF | 8 | 9.01  | 15.29 | 15.33 | 15.38 | 15.47 | 15.61 | 15.70 | 15.74 | 15.78 | 0.22 | 24.79 | 26.99 | 2.20  |
| HE20, M0.5 to M11.5-BF | 8 | 8.04  | 15.32 | 15.37 | 15.35 | 15.53 | 15.57 | 15.75 | 15.74 | 15.84 | 0.22 | 24.81 | 27.96 | 3.15  |

|                               |          |             |              |              |              |              |              |              |              |              |             |              |              |             |
|-------------------------------|----------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|-------------|
| HE20, M0.6 to M11.6-BF        | 8        | 7.25        | 15.35        | 15.38        | 15.37        | 15.50        | 15.59        | 15.72        | 15.71        | 15.84        | 0.22        | 24.81        | 28.75        | 3.94        |
| <b>HE20, M0.7 to M11.7-BF</b> | <b>8</b> | <b>6.58</b> | <b>15.42</b> | <b>15.40</b> | <b>15.39</b> | <b>15.52</b> | <b>15.59</b> | <b>15.71</b> | <b>15.74</b> | <b>15.88</b> | <b>0.22</b> | <b>24.83</b> | <b>29.42</b> | <b>4.59</b> |
| HE20, M0.8 to M11.8-BF        | 8        | 6.00        | 15.15        | 15.13        | 15.12        | 15.19        | 15.36        | 15.37        | 15.44        | 15.58        | 0.22        | 24.55        | 30.00        | 5.45        |
| HE20, M0 to M11-STBC          | 2        | 6.00        | 15.07        | 15.09        |              |              |              |              |              |              | 0.22        | 18.31        | 30.00        | 11.69       |
| HE20, M0 to M11-STBC          | 3        | 6.00        | 15.07        | 15.05        | 15.10        |              |              |              |              |              | 0.22        | 20.06        | 30.00        | 9.94        |
| HE20, M0 to M11-STBC          | 4        | 6.00        | 15.06        | 15.11        | 15.10        | 15.17        |              |              |              |              | 0.22        | 21.35        | 30.00        | 8.65        |
| HE20, M0 to M11-STBC          | 6        | 6.00        | 15.11        | 15.05        | 15.10        |              | 15.30        | 15.44        | 15.52        |              | 0.22        | 23.26        | 30.00        | 6.74        |
| HE20, M0 to M11-STBC          | 8        | 6.00        | 13.13        | 13.05        | 13.17        | 13.18        | 13.32        | 13.45        | 13.32        | 13.54        | 0.22        | 22.52        | 30.00        | 7.48        |

## 5190 MHz:

| Mode                               | Tx paths | correlated antenna gain (dBi) | Tx 1 Max Power (dBm) | Tx 2 Max Power (dBm) | Tx 3 Max Power (dBm) | Tx 4 Max Power (dBm) | Tx 5 Max Power (dBm) | Tx 6 Max Power (dBm) | Tx 7 Max Power (dBm) | Tx 8 Max Power (dBm) | DCCF (dB) | Total Max Power (dBm) | FCC Limit (dBm) | Margin (dB) |
|------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------|-----------------------|-----------------|-------------|
| non HT40, 6 to 54 Mbps             | 1        | 6.00                          | 15.17                |                      |                      |                      |                      |                      |                      |                      | 0.36      | 15.53                 | 30.00           | 14.47       |
| non HT40, 6 to 54 Mbps             | 2        | 6.00                          | 15.16                | 15.09                |                      |                      |                      |                      |                      |                      | 0.36      | 18.49                 | 30.00           | 11.51       |
| non HT40, 6 to 54 Mbps             | 3        | 6.00                          | 15.17                | 15.11                | 15.09                |                      |                      |                      |                      |                      | 0.36      | 20.25                 | 30.00           | 9.75        |
| non HT40, 6 to 54 Mbps             | 4        | 6.00                          | 15.18                | 15.10                | 15.10                | 15.22                |                      |                      |                      |                      | 0.36      | 21.53                 | 30.00           | 8.47        |
| non HT40, 6 to 54 Mbps             | 6        | 9.00                          | 15.19                | 15.10                | 15.16                |                      | 15.40                | 15.36                | 15.33                |                      | 0.36      | 23.40                 | 27.00           | 3.60        |
| non HT40, 6 to 54 Mbps             | 8        | 9.00                          | 15.20                | 15.10                | 15.16                | 15.22                | 15.43                | 15.31                | 15.30                | 15.34                | 0.36      | 24.65                 | 27.00           | 2.35        |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 1        | 6.00                          | 15.53                |                      |                      |                      |                      |                      |                      |                      | 0.27      | 15.80                 | 30.00           | 14.20       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 2        | 6.00                          | 15.54                | 15.42                |                      |                      |                      |                      |                      |                      | 0.27      | 18.76                 | 30.00           | 11.24       |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 2        | 6.00                          | 15.55                | 15.47                |                      |                      |                      |                      |                      |                      | 0.27      | 18.79                 | 30.00           | 11.21       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 3        | 6.00                          | 15.55                | 15.45                | 15.44                |                      |                      |                      |                      |                      | 0.27      | 20.52                 | 30.00           | 9.48        |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 3        | 6.00                          | 15.73                | 15.64                | 15.62                |                      |                      |                      |                      |                      | 0.27      | 20.70                 | 30.00           | 9.30        |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 3        | 6.00                          | 15.54                | 15.51                | 15.45                |                      |                      |                      |                      |                      | 0.27      | 20.54                 | 30.00           | 9.46        |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 4        | 6.00                          | 15.57                | 15.38                | 15.44                | 15.52                |                      |                      |                      |                      | 0.27      | 21.77                 | 30.00           | 8.23        |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 4        | 6.00                          | 15.73                | 15.58                | 15.60                | 15.70                |                      |                      |                      |                      | 0.27      | 21.94                 | 30.00           | 8.06        |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 4        | 6.00                          | 15.77                | 15.64                | 15.65                | 15.74                |                      |                      |                      |                      | 0.27      | 21.99                 | 30.00           | 8.01        |
| HT/VHT40, M24 to M31, M0.4 to M9.4 | 4        | 6.00                          | 15.54                | 15.47                | 15.44                | 15.54                |                      |                      |                      |                      | 0.27      | 21.79                 | 30.00           | 8.21        |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 6        | 6.00                          | 15.59                | 15.38                | 15.50                |                      | 15.73                | 15.67                | 15.65                |                      | 0.27      | 23.64                 | 30.00           | 6.36        |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 6        | 6.00                          | 15.77                | 15.59                | 15.67                |                      | 15.89                | 15.86                | 15.84                |                      | 0.27      | 23.82                 | 30.00           | 6.18        |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 6        | 6.00                          | 15.80                | 15.60                | 15.73                |                      | 15.95                | 15.91                | 15.85                |                      | 0.27      | 23.86                 | 30.00           | 6.14        |
| HT/VHT40, M24 to M31, M0.4 to M9.4 | 6        | 6.00                          | 15.81                | 15.65                | 15.74                |                      | 15.97                | 15.91                | 15.92                |                      | 0.27      | 23.89                 | 30.00           | 6.11        |
| VHT40, M0.5 to M9.5                | 6        | 6.00                          | 15.62                | 15.38                | 15.51                |                      | 15.72                | 15.69                | 15.64                |                      | 0.27      | 23.65                 | 30.00           | 6.35        |
| VHT40, M0.6 to M9.6                | 6        | 6.00                          | 15.84                | 15.64                | 15.74                |                      | 15.92                | 15.93                | 15.82                |                      | 0.27      | 23.87                 | 30.00           | 6.13        |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 8        | 6.00                          | 15.62                | 15.36                | 15.55                | 15.53                | 15.71                | 15.72                | 15.61                | 15.67                | 0.27      | 24.90                 | 30.00           | 5.10        |

|                                       |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|---------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 8 | 6.00  | 15.78 | 15.55 | 15.73 | 15.72 | 15.88 | 15.90 | 15.79 | 15.87 | 0.27 | 25.08 | 30.00 | 4.92  |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 8 | 6.00  | 15.80 | 15.56 | 15.78 | 15.79 | 15.93 | 15.97 | 15.83 | 15.90 | 0.27 | 25.12 | 30.00 | 4.88  |
| HT/VHT40, M24 to M31, M0.4 to M9.4    | 8 | 6.00  | 15.81 | 15.63 | 15.81 | 15.79 | 15.99 | 15.98 | 15.87 | 15.96 | 0.27 | 25.16 | 30.00 | 4.84  |
| VHT40, M0.5 to M9.5                   | 8 | 6.00  | 15.61 | 15.37 | 15.58 | 15.55 | 15.70 | 15.76 | 15.64 | 15.69 | 0.27 | 24.91 | 30.00 | 5.09  |
| VHT40, M0.6 to M9.6                   | 8 | 6.00  | 15.84 | 15.60 | 15.77 | 15.80 | 15.92 | 15.94 | 15.85 | 15.94 | 0.27 | 25.14 | 30.00 | 4.86  |
| VHT40, M0.7 to M9.7                   | 8 | 6.00  | 15.87 | 15.66 | 15.84 | 15.92 | 16.07 | 16.08 | 15.93 | 15.98 | 0.27 | 25.22 | 30.00 | 4.78  |
| VHT40, M0.8 to M9.8                   | 8 | 6.00  | 15.67 | 15.56 | 15.89 | 15.87 | 15.94 | 16.06 | 15.91 | 15.88 | 0.27 | 25.15 | 30.00 | 4.85  |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 2 | 9.01  | 15.56 | 15.42 |       |       |       |       |       |       | 0.27 | 18.77 | 26.99 | 8.22  |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 2 | 6.00  | 15.57 | 15.52 |       |       |       |       |       |       | 0.27 | 18.82 | 30.00 | 11.18 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 3 | 10.77 | 15.58 | 15.48 | 15.53 |       |       |       |       |       | 0.27 | 20.57 | 25.23 | 4.66  |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 3 | 7.76  | 15.73 | 15.67 | 15.72 |       |       |       |       |       | 0.27 | 20.75 | 28.24 | 7.49  |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 3 | 6.00  | 15.55 | 15.57 | 15.54 |       |       |       |       |       | 0.27 | 20.59 | 30.00 | 9.41  |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 4 | 12.02 | 15.57 | 15.45 | 15.55 | 15.57 |       |       |       |       | 0.27 | 21.82 | 23.98 | 2.16  |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 4 | 9.01  | 15.73 | 15.65 | 15.71 | 15.77 |       |       |       |       | 0.27 | 22.01 | 26.99 | 4.98  |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 4 | 7.25  | 15.74 | 15.70 | 15.76 | 15.81 |       |       |       |       | 0.27 | 22.04 | 28.75 | 6.71  |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 4 | 6.00  | 15.54 | 15.54 | 15.57 | 15.64 |       |       |       |       | 0.27 | 21.86 | 30.00 | 8.14  |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 6 | 13.78 | 12.49 | 12.50 | 12.60 |       | 12.65 | 12.81 | 12.59 |       | 0.27 | 20.66 | 22.22 | 1.56  |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 6 | 10.77 | 15.74 | 15.68 | 15.80 |       | 15.86 | 15.94 | 15.79 |       | 0.27 | 23.85 | 25.23 | 1.38  |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 6 | 9.01  | 15.76 | 15.70 | 15.84 |       | 15.93 | 15.99 | 15.80 |       | 0.27 | 23.89 | 26.99 | 3.10  |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 6 | 7.76  | 15.76 | 15.78 | 15.85 |       | 15.95 | 15.99 | 15.86 |       | 0.27 | 23.92 | 28.24 | 4.32  |
| VHT40, M0.5 to M9.5-BF                | 6 | 6.79  | 15.56 | 15.51 | 15.63 |       | 15.69 | 15.77 | 15.60 |       | 0.27 | 23.68 | 29.21 | 5.53  |
| VHT40, M0.6 to M9.6-BF                | 6 | 6.00  | 15.78 | 15.72 | 15.84 |       | 15.89 | 16.00 | 15.81 |       | 0.27 | 23.89 | 30.00 | 6.11  |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 8 | 15.03 | 10.42 | 10.14 | 10.62 | 10.26 | 10.68 | 10.74 | 10.55 | 10.59 | 0.27 | 19.80 | 20.97 | 1.17  |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 8 | 12.02 | 13.61 | 13.68 | 13.79 | 13.64 | 13.83 | 14.07 | 13.67 | 13.83 | 0.27 | 23.07 | 23.98 | 0.91  |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 8 | 10.26 | 15.76 | 15.69 | 15.89 | 15.86 | 15.90 | 16.03 | 15.79 | 15.93 | 0.27 | 25.16 | 25.74 | 0.58  |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 8 | 9.01  | 15.76 | 15.77 | 15.90 | 15.88 | 15.93 | 16.05 | 15.85 | 16.00 | 0.27 | 25.19 | 26.99 | 1.80  |
| VHT40, M0.5 to M9.5-BF                | 8 | 8.04  | 15.55 | 15.49 | 15.69 | 15.64 | 15.66 | 15.81 | 15.61 | 15.71 | 0.27 | 24.95 | 27.96 | 3.01  |
| VHT40, M0.6 to M9.6-BF                | 8 | 7.25  | 15.78 | 15.73 | 15.88 | 15.84 | 15.88 | 15.98 | 15.79 | 15.96 | 0.27 | 25.16 | 28.75 | 3.59  |

|                                   |   |      |       |       |       |       |       |       |       |       |      |       |       |       |
|-----------------------------------|---|------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| VHT40, M0.7 to M9.7-BF            | 8 | 6.58 | 15.82 | 15.79 | 15.94 | 15.99 | 16.02 | 16.14 | 15.89 | 16.01 | 0.27 | 25.25 | 29.42 | 4.17  |
| VHT40, M0.8 to M9.8-BF            | 8 | 6.00 | 15.62 | 15.68 | 15.96 | 15.94 | 15.89 | 16.09 | 15.88 | 15.91 | 0.27 | 25.17 | 30.00 | 4.83  |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 2 | 6.00 | 15.51 | 15.54 |       |       |       |       |       |       | 0.27 | 18.80 | 30.00 | 11.20 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 3 | 6.00 | 15.52 | 15.60 | 15.61 |       |       |       |       |       | 0.27 | 20.62 | 30.00 | 9.38  |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 4 | 6.00 | 15.51 | 15.55 | 15.61 | 15.66 |       |       |       |       | 0.27 | 21.87 | 30.00 | 8.13  |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 6 | 6.00 | 15.54 | 15.54 | 15.65 |       | 15.65 | 15.75 | 15.61 |       | 0.27 | 23.68 | 30.00 | 6.32  |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 8 | 6.00 | 13.39 | 13.51 | 13.61 | 13.53 | 13.62 | 13.88 | 13.48 | 13.63 | 0.27 | 22.88 | 30.00 | 7.12  |
| HE40, M0.1 to M11.1               | 1 | 6.00 | 15.57 |       |       |       |       |       |       |       | 0.27 | 15.84 | 30.00 | 14.16 |
| HE40, M0.1 to M11.1               | 2 | 6.00 | 15.57 | 15.63 |       |       |       |       |       |       | 0.27 | 18.88 | 30.00 | 11.12 |
| HE40, M0.2 to M11.2               | 2 | 6.00 | 15.58 | 15.68 |       |       |       |       |       |       | 0.27 | 18.91 | 30.00 | 11.09 |
| HE40, M0.1 to M11.1               | 3 | 6.00 | 15.57 | 15.70 | 15.70 |       |       |       |       |       | 0.27 | 20.70 | 30.00 | 9.30  |
| HE40, M0.2 to M11.2               | 3 | 6.00 | 15.73 | 15.92 | 15.90 |       |       |       |       |       | 0.27 | 20.89 | 30.00 | 9.11  |
| HE40, M0.3 to M11.3               | 3 | 6.00 | 15.57 | 15.73 | 15.72 |       |       |       |       |       | 0.27 | 20.71 | 30.00 | 9.29  |
| HE40, M0.1 to M11.1               | 4 | 6.00 | 15.55 | 15.67 | 15.70 | 15.76 |       |       |       |       | 0.27 | 21.96 | 30.00 | 8.04  |
| HE40, M0.2 to M11.2               | 4 | 6.00 | 15.73 | 15.88 | 15.92 | 15.96 |       |       |       |       | 0.27 | 22.16 | 30.00 | 7.84  |
| HE40, M0.3 to M11.3               | 4 | 6.00 | 15.74 | 15.94 | 15.92 | 16.04 |       |       |       |       | 0.27 | 22.20 | 30.00 | 7.80  |
| HE40, M0.4 to M11.4               | 4 | 6.00 | 15.56 | 15.71 | 15.69 | 15.79 |       |       |       |       | 0.27 | 21.98 | 30.00 | 8.02  |
| HE40, M0.1 to M11.1               | 6 | 6.00 | 15.55 | 15.62 | 15.67 |       | 15.75 | 15.87 | 15.68 |       | 0.27 | 23.75 | 30.00 | 6.25  |
| HE40, M0.2 to M11.2               | 6 | 6.00 | 15.74 | 15.83 | 15.89 |       | 15.98 | 16.09 | 15.88 |       | 0.27 | 23.95 | 30.00 | 6.05  |
| HE40, M0.3 to M11.3               | 6 | 6.00 | 15.74 | 15.86 | 15.93 |       | 15.98 | 16.13 | 15.93 |       | 0.27 | 23.98 | 30.00 | 6.02  |
| HE40, M0.4 to M11.4               | 6 | 6.00 | 15.74 | 15.91 | 15.97 |       | 16.04 | 16.14 | 15.97 |       | 0.27 | 24.01 | 30.00 | 5.99  |
| HE40, M0.5 to M11.5               | 6 | 6.00 | 15.82 | 15.91 | 15.99 |       | 16.06 | 16.17 | 15.99 |       | 0.27 | 24.04 | 30.00 | 5.96  |
| HE40, M0.6 to M11.6               | 6 | 6.00 | 15.58 | 15.68 | 15.68 |       | 15.75 | 15.89 | 15.72 |       | 0.27 | 23.77 | 30.00 | 6.23  |
| HE40, M0.1 to M11.1               | 8 | 6.00 | 15.58 | 15.64 | 15.65 | 15.78 | 15.76 | 15.89 | 15.67 | 15.93 | 0.27 | 25.04 | 30.00 | 4.96  |
| HE40, M0.2 to M11.2               | 8 | 6.00 | 15.78 | 15.81 | 15.83 | 16.03 | 16.00 | 16.13 | 15.89 | 16.13 | 0.27 | 25.25 | 30.00 | 4.75  |
| HE40, M0.3 to M11.3               | 8 | 6.00 | 15.78 | 15.83 | 15.89 | 16.07 | 16.02 | 16.17 | 15.95 | 16.16 | 0.27 | 25.29 | 30.00 | 4.71  |
| HE40, M0.4 to M11.4               | 8 | 6.00 | 15.78 | 15.86 | 15.93 | 16.10 | 16.03 | 16.19 | 15.99 | 16.19 | 0.27 | 25.31 | 30.00 | 4.69  |
| HE40, M0.5 to M11.5               | 8 | 6.00 | 15.85 | 15.88 | 15.94 | 16.12 | 16.08 | 16.18 | 16.02 | 16.20 | 0.27 | 25.34 | 30.00 | 4.66  |



|                               |          |             |              |              |              |              |              |              |              |              |             |              |              |             |
|-------------------------------|----------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|-------------|
| HE40, M0.6 to M11.6           | 8        | 6.00        | 15.85        | 15.85        | 15.93        | 16.09        | 16.06        | 16.17        | 16.01        | 16.21        | 0.27        | 25.32        | 30.00        | 4.68        |
| HE40, M0.7 to M11.7           | 8        | 6.00        | 15.89        | 15.88        | 15.94        | 16.10        | 16.09        | 16.17        | 16.04        | 16.22        | 0.27        | 25.34        | 30.00        | 4.66        |
| HE40, M0.8 to M11.8           | 8        | 6.00        | 15.65        | 15.66        | 15.64        | 15.83        | 15.79        | 15.93        | 15.74        | 15.96        | 0.27        | 25.08        | 30.00        | 4.92        |
| HE40, M0.1 to M11.1-BF        | 2        | 9.01        | 15.64        | 15.55        |              |              |              |              |              |              | 0.27        | 18.88        | 26.99        | 8.11        |
| HE40, M0.2 to M11.2-BF        | 2        | 6.00        | 15.64        | 15.57        |              |              |              |              |              |              | 0.27        | 18.88        | 30.00        | 11.12       |
| HE40, M0.1 to M11.1-BF        | 3        | 10.77       | 15.64        | 15.61        | 15.61        |              |              |              |              |              | 0.27        | 20.66        | 25.23        | 4.57        |
| HE40, M0.2 to M11.2-BF        | 3        | 7.76        | 15.82        | 15.85        | 15.85        |              |              |              |              |              | 0.27        | 20.88        | 28.24        | 7.36        |
| HE40, M0.3 to M11.3-BF        | 3        | 6.00        | 15.66        | 15.65        | 15.63        |              |              |              |              |              | 0.27        | 20.69        | 30.00        | 9.31        |
| HE40, M0.1 to M11.1-BF        | 4        | 12.02       | 15.66        | 15.58        | 15.61        | 15.81        |              |              |              |              | 0.27        | 21.96        | 23.98        | 2.02        |
| HE40, M0.2 to M11.2-BF        | 4        | 9.01        | 15.83        | 15.79        | 15.84        | 16.03        |              |              |              |              | 0.27        | 22.17        | 26.99        | 4.82        |
| HE40, M0.3 to M11.3-BF        | 4        | 7.25        | 15.84        | 15.85        | 15.85        | 16.09        |              |              |              |              | 0.27        | 22.20        | 28.75        | 6.55        |
| HE40, M0.4 to M11.4-BF        | 4        | 6.00        | 15.68        | 15.63        | 15.62        | 15.84        |              |              |              |              | 0.27        | 21.98        | 30.00        | 8.02        |
| HE40, M0.1 to M11.1-BF        | 6        | 13.78       | 12.61        | 12.58        | 12.60        |              | 12.70        | 12.92        | 12.71        |              | 0.27        | 20.74        | 22.22        | 1.48        |
| HE40, M0.2 to M11.2-BF        | 6        | 10.77       | 15.83        | 15.75        | 15.82        |              | 15.95        | 16.08        | 15.95        |              | 0.27        | 23.95        | 25.23        | 1.28        |
| HE40, M0.3 to M11.3-BF        | 6        | 9.01        | 15.84        | 15.81        | 15.87        |              | 15.97        | 16.12        | 15.99        |              | 0.27        | 23.99        | 26.99        | 3.00        |
| HE40, M0.4 to M11.4-BF        | 6        | 7.76        | 15.85        | 15.83        | 15.92        |              | 16.01        | 16.13        | 16.00        |              | 0.27        | 24.01        | 28.24        | 4.23        |
| HE40, M0.5 to M11.5-BF        | 6        | 6.79        | 15.92        | 15.86        | 15.91        |              | 16.03        | 16.14        | 16.05        |              | 0.27        | 24.04        | 29.21        | 5.17        |
| HE40, M0.6 to M11.6-BF        | 6        | 6.00        | 15.66        | 15.60        | 15.62        |              | 15.73        | 15.87        | 15.77        |              | 0.27        | 23.76        | 30.00        | 6.24        |
| HE40, M0.1 to M11.1-BF        | 8        | 15.03       | 10.52        | 10.22        | 10.52        | 10.50        | 10.75        | 10.80        | 10.70        | 10.85        | 0.27        | 19.91        | 20.97        | 1.06        |
| HE40, M0.2 to M11.2-BF        | 8        | 12.02       | 13.70        | 13.74        | 13.74        | 13.92        | 13.93        | 14.17        | 13.84        | 14.04        | 0.27        | 23.19        | 23.98        | 0.79        |
| HE40, M0.3 to M11.3-BF        | 8        | 10.26       | 15.84        | 15.76        | 15.84        | 16.10        | 15.99        | 16.15        | 15.99        | 16.16        | 0.27        | 25.28        | 25.74        | 0.46        |
| HE40, M0.4 to M11.4-BF        | 8        | 9.01        | 15.84        | 15.79        | 15.86        | 16.12        | 16.03        | 16.16        | 16.04        | 16.19        | 0.27        | 25.31        | 26.99        | 1.68        |
| HE40, M0.5 to M11.5-BF        | 8        | 8.04        | 15.92        | 15.80        | 15.88        | 16.12        | 16.07        | 16.15        | 16.07        | 16.21        | 0.27        | 25.33        | 27.96        | 2.63        |
| <b>HE40, M0.6 to M11.6-BF</b> | <b>8</b> | <b>7.25</b> | <b>15.95</b> | <b>15.83</b> | <b>15.89</b> | <b>16.14</b> | <b>16.08</b> | <b>16.15</b> | <b>16.10</b> | <b>16.22</b> | <b>0.27</b> | <b>25.35</b> | <b>28.75</b> | <b>3.40</b> |
| HE40, M0.7 to M11.7-BF        | 8        | 6.58        | 15.93        | 15.82        | 15.89        | 16.13        | 16.08        | 16.18        | 16.09        | 16.21        | 0.27        | 25.34        | 29.42        | 4.08        |
| HE40, M0.8 to M11.8-BF        | 8        | 6.00        | 15.69        | 15.61        | 15.56        | 15.85        | 15.80        | 15.88        | 15.78        | 15.95        | 0.27        | 25.07        | 30.00        | 4.93        |
| HE40, M0 to M11-STBC          | 2        | 6.00        | 15.68        | 15.50        |              |              |              |              |              |              | 0.27        | 18.87        | 30.00        | 11.13       |
| HE40, M0 to M11-STBC          | 3        | 6.00        | 15.68        | 15.53        | 15.55        |              |              |              |              |              | 0.27        | 20.63        | 30.00        | 9.37        |

|                      |   |      |       |       |       |       |       |       |       |       |      |       |       |      |
|----------------------|---|------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|
| HE40, M0 to M11-STBC | 4 | 6.00 | 15.66 | 15.49 | 15.54 | 15.83 |       |       |       |       | 0.27 | 21.92 | 30.00 | 8.08 |
| HE40, M0 to M11-STBC | 6 | 6.00 | 15.63 | 15.50 | 15.55 |       | 15.74 | 15.77 | 15.81 |       | 0.27 | 23.72 | 30.00 | 6.28 |
| HE40, M0 to M11-STBC | 8 | 6.00 | 13.55 | 13.52 | 13.58 | 13.65 | 13.72 | 13.91 | 13.67 | 13.85 | 0.27 | 22.98 | 30.00 | 7.02 |

## 5230 MHz:

| Mode                               | Tx paths | correlated antenna gain (dBi) | Tx 1 Max Power (dBm) | Tx 2 Max Power (dBm) | Tx 3 Max Power (dBm) | Tx 4 Max Power (dBm) | Tx 5 Max Power (dBm) | Tx 6 Max Power (dBm) | Tx 7 Max Power (dBm) | Tx 8 Max Power (dBm) | DCCF (dB) | Total Max Power (dBm) | FCC Limit (dBm) | Margin (dB) |
|------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------|-----------------------|-----------------|-------------|
| non HT40, 6 to 54 Mbps             | 1        | 6.00                          | 14.59                |                      |                      |                      |                      |                      |                      |                      | 0.36      | 14.95                 | 30.00           | 15.06       |
| non HT40, 6 to 54 Mbps             | 2        | 6.00                          | 14.56                | 14.30                |                      |                      |                      |                      |                      |                      | 0.36      | 17.80                 | 30.00           | 12.20       |
| non HT40, 6 to 54 Mbps             | 3        | 6.00                          | 14.55                | 14.34                | 14.51                |                      |                      |                      |                      |                      | 0.36      | 19.60                 | 30.00           | 10.40       |
| non HT40, 6 to 54 Mbps             | 4        | 6.00                          | 14.55                | 14.32                | 14.50                | 14.48                |                      |                      |                      |                      | 0.36      | 20.84                 | 30.00           | 9.16        |
| non HT40, 6 to 54 Mbps             | 6        | 9.00                          | 14.58                | 14.34                | 14.55                |                      | 14.62                | 14.65                | 14.81                |                      | 0.36      | 22.74                 | 27.00           | 4.26        |
| non HT40, 6 to 54 Mbps             | 8        | 9.00                          | 12.18                | 12.27                | 12.31                | 12.44                | 12.38                | 12.29                | 12.48                | 12.50                | 0.36      | 21.75                 | 27.00           | 5.25        |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 1        | 6.00                          | 14.88                |                      |                      |                      |                      |                      |                      |                      | 0.27      | 15.15                 | 30.00           | 14.86       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 2        | 6.00                          | 14.85                | 14.65                |                      |                      |                      |                      |                      |                      | 0.27      | 18.04                 | 30.00           | 11.96       |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 2        | 6.00                          | 14.85                | 14.70                |                      |                      |                      |                      |                      |                      | 0.27      | 18.06                 | 30.00           | 11.94       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 3        | 6.00                          | 14.85                | 14.69                | 14.88                |                      |                      |                      |                      |                      | 0.27      | 19.85                 | 30.00           | 10.15       |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 3        | 6.00                          | 15.04                | 14.87                | 15.09                |                      |                      |                      |                      |                      | 0.27      | 20.04                 | 30.00           | 9.96        |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 3        | 6.00                          | 14.84                | 14.77                | 14.91                |                      |                      |                      |                      |                      | 0.27      | 19.88                 | 30.00           | 10.12       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 4        | 6.00                          | 14.90                | 14.65                | 14.86                | 14.79                |                      |                      |                      |                      | 0.27      | 21.09                 | 30.00           | 8.91        |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 4        | 6.00                          | 15.09                | 14.84                | 15.02                | 14.98                |                      |                      |                      |                      | 0.27      | 21.28                 | 30.00           | 8.72        |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 4        | 6.00                          | 15.11                | 14.88                | 15.05                | 15.02                |                      |                      |                      |                      | 0.27      | 21.31                 | 30.00           | 8.69        |
| HT/VHT40, M24 to M31, M0.4 to M9.4 | 4        | 6.00                          | 14.91                | 14.71                | 14.85                | 14.84                |                      |                      |                      |                      | 0.27      | 21.12                 | 30.00           | 8.88        |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 6        | 6.00                          | 14.91                | 14.65                | 14.88                |                      | 14.97                | 14.89                | 15.10                |                      | 0.27      | 22.95                 | 30.00           | 7.05        |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 6        | 6.00                          | 15.11                | 14.86                | 15.04                |                      | 15.15                | 15.11                | 15.29                |                      | 0.27      | 23.14                 | 30.00           | 6.86        |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 6        | 6.00                          | 15.11                | 14.85                | 15.09                |                      | 15.19                | 15.16                | 15.31                |                      | 0.27      | 23.17                 | 30.00           | 6.83        |
| HT/VHT40, M24 to M31, M0.4 to M9.4 | 6        | 6.00                          | 15.11                | 14.91                | 15.10                |                      | 15.25                | 15.16                | 15.40                |                      | 0.27      | 23.21                 | 30.00           | 6.79        |
| VHT40, M0.5 to M9.5                | 6        | 6.00                          | 14.90                | 14.63                | 14.88                |                      | 14.99                | 14.91                | 15.09                |                      | 0.27      | 22.95                 | 30.00           | 7.05        |
| VHT40, M0.6 to M9.6                | 6        | 6.00                          | 15.15                | 14.87                | 15.08                |                      | 15.18                | 15.12                | 15.32                |                      | 0.27      | 23.17                 | 30.00           | 6.83        |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 8        | 6.00                          | 14.11                | 13.97                | 14.08                | 14.10                | 14.28                | 14.16                | 14.23                | 14.14                | 0.27      | 23.44                 | 30.00           | 6.56        |

|                                       |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|---------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 8 | 6.00  | 15.11 | 14.80 | 15.13 | 14.97 | 15.15 | 15.16 | 15.27 | 15.00 | 0.27 | 24.37 | 30.00 | 5.63  |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 8 | 6.00  | 15.15 | 14.80 | 15.18 | 15.01 | 15.19 | 15.22 | 15.32 | 15.02 | 0.27 | 24.41 | 30.00 | 5.59  |
| HT/VHT40, M24 to M31, M0.4 to M9.4    | 8 | 6.00  | 15.14 | 14.88 | 15.18 | 15.01 | 15.23 | 15.23 | 15.36 | 15.12 | 0.27 | 24.45 | 30.00 | 5.55  |
| VHT40, M0.5 to M9.5                   | 8 | 6.00  | 14.92 | 14.62 | 14.93 | 14.82 | 14.97 | 14.98 | 15.09 | 14.84 | 0.27 | 24.20 | 30.00 | 5.80  |
| VHT40, M0.6 to M9.6                   | 8 | 6.00  | 15.18 | 14.81 | 15.15 | 15.00 | 15.19 | 15.19 | 15.32 | 15.07 | 0.27 | 24.42 | 30.00 | 5.58  |
| VHT40, M0.7 to M9.7                   | 8 | 6.00  | 15.22 | 14.90 | 15.23 | 15.13 | 15.33 | 15.33 | 15.44 | 15.12 | 0.27 | 24.51 | 30.00 | 5.49  |
| VHT40, M0.8 to M9.8                   | 8 | 6.00  | 15.00 | 14.81 | 15.21 | 15.09 | 15.20 | 15.26 | 15.40 | 15.03 | 0.27 | 24.43 | 30.00 | 5.57  |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 2 | 9.01  | 14.90 | 14.61 |       |       |       |       |       |       | 0.27 | 18.04 | 26.99 | 8.95  |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 2 | 6.00  | 14.84 | 14.69 |       |       |       |       |       |       | 0.27 | 18.05 | 30.00 | 11.95 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 3 | 10.77 | 14.84 | 14.63 | 14.91 |       |       |       |       |       | 0.27 | 19.84 | 25.23 | 5.39  |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 3 | 7.76  | 15.03 | 14.83 | 15.04 |       |       |       |       |       | 0.27 | 20.01 | 28.24 | 8.23  |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 3 | 6.00  | 14.82 | 14.70 | 14.85 |       |       |       |       |       | 0.27 | 19.83 | 30.00 | 10.17 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 4 | 12.02 | 14.89 | 14.67 | 14.88 | 14.74 |       |       |       |       | 0.27 | 21.08 | 23.98 | 2.90  |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 4 | 9.01  | 15.09 | 14.85 | 15.03 | 14.92 |       |       |       |       | 0.27 | 21.26 | 26.99 | 5.73  |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 4 | 7.25  | 15.11 | 14.91 | 15.09 | 14.96 |       |       |       |       | 0.27 | 21.31 | 28.75 | 7.44  |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 4 | 6.00  | 14.90 | 14.72 | 14.90 | 14.76 |       |       |       |       | 0.27 | 21.11 | 30.00 | 8.89  |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 6 | 13.78 | 11.89 | 11.71 | 11.75 |       | 11.89 | 11.96 | 11.99 |       | 0.27 | 19.92 | 22.22 | 2.30  |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 6 | 10.77 | 15.07 | 14.82 | 15.11 |       | 15.15 | 15.11 | 15.27 |       | 0.27 | 23.14 | 25.23 | 2.09  |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 6 | 9.01  | 15.08 | 14.84 | 15.17 |       | 15.19 | 15.18 | 15.29 |       | 0.27 | 23.18 | 26.99 | 3.81  |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 6 | 7.76  | 15.13 | 14.89 | 15.17 |       | 15.25 | 15.18 | 15.36 |       | 0.27 | 23.22 | 28.24 | 5.02  |
| VHT40, M0.5 to M9.5-BF                | 6 | 6.79  | 14.90 | 14.63 | 14.93 |       | 14.99 | 14.93 | 15.10 |       | 0.27 | 22.97 | 29.21 | 6.24  |
| VHT40, M0.6 to M9.6-BF                | 6 | 6.00  | 15.14 | 14.84 | 15.13 |       | 15.19 | 15.17 | 15.32 |       | 0.27 | 23.18 | 30.00 | 6.82  |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 8 | 15.03 | 9.95  | 9.76  | 9.72  | 9.75  | 9.81  | 10.08 | 9.94  | 9.61  | 0.27 | 19.13 | 20.97 | 1.84  |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 8 | 12.02 | 13.06 | 12.91 | 12.93 | 13.01 | 13.07 | 13.15 | 13.09 | 12.93 | 0.27 | 22.32 | 23.98 | 1.66  |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 8 | 10.26 | 15.08 | 14.85 | 15.13 | 15.03 | 15.19 | 15.24 | 15.31 | 15.05 | 0.27 | 24.41 | 25.74 | 1.33  |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 8 | 9.01  | 15.07 | 14.93 | 15.15 | 15.05 | 15.24 | 15.22 | 15.34 | 15.11 | 0.27 | 24.44 | 26.99 | 2.55  |
| VHT40, M0.5 to M9.5-BF                | 8 | 8.04  | 14.88 | 14.66 | 14.85 | 14.82 | 14.96 | 14.98 | 15.11 | 14.81 | 0.27 | 24.19 | 27.96 | 3.77  |
| VHT40, M0.6 to M9.6-BF                | 8 | 7.25  | 15.11 | 14.86 | 15.08 | 15.01 | 15.17 | 15.19 | 15.31 | 15.09 | 0.27 | 24.41 | 28.75 | 4.34  |

|                                   |   |      |       |       |       |       |       |       |       |       |      |       |       |       |
|-----------------------------------|---|------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| VHT40, M0.7 to M9.7-BF            | 8 | 6.58 | 15.15 | 14.93 | 15.19 | 15.14 | 15.31 | 15.32 | 15.42 | 15.13 | 0.27 | 24.50 | 29.42 | 4.92  |
| VHT40, M0.8 to M9.8-BF            | 8 | 6.00 | 14.99 | 14.83 | 15.19 | 15.10 | 15.21 | 15.26 | 15.42 | 15.01 | 0.27 | 24.43 | 30.00 | 5.57  |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 2 | 6.00 | 14.85 | 14.63 |       |       |       |       |       |       | 0.27 | 18.02 | 30.00 | 11.98 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 3 | 6.00 | 14.86 | 14.70 | 14.91 |       |       |       |       |       | 0.27 | 19.87 | 30.00 | 10.13 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 4 | 6.00 | 14.86 | 14.66 | 14.92 | 14.76 |       |       |       |       | 0.27 | 21.09 | 30.00 | 8.91  |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 6 | 6.00 | 14.87 | 14.63 | 14.93 |       | 14.96 | 14.95 | 15.07 |       | 0.27 | 22.95 | 30.00 | 7.05  |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 8 | 6.00 | 12.88 | 12.69 | 12.78 | 12.84 | 12.87 | 12.98 | 12.90 | 12.71 | 0.27 | 22.13 | 30.00 | 7.87  |
| HE40, M0.1 to M11.1               | 1 | 6.00 | 14.96 |       |       |       |       |       |       |       | 0.27 | 15.23 | 30.00 | 14.78 |
| HE40, M0.1 to M11.1               | 2 | 6.00 | 14.95 | 14.72 |       |       |       |       |       |       | 0.27 | 18.12 | 30.00 | 11.88 |
| HE40, M0.2 to M11.2               | 2 | 6.00 | 14.96 | 14.78 |       |       |       |       |       |       | 0.27 | 18.15 | 30.00 | 11.85 |
| HE40, M0.1 to M11.1               | 3 | 6.00 | 14.94 | 14.78 | 14.98 |       |       |       |       |       | 0.27 | 19.94 | 30.00 | 10.06 |
| HE40, M0.2 to M11.2               | 3 | 6.00 | 15.13 | 15.03 | 15.16 |       |       |       |       |       | 0.27 | 20.15 | 30.00 | 9.85  |
| HE40, M0.3 to M11.3               | 3 | 6.00 | 14.95 | 14.83 | 14.95 |       |       |       |       |       | 0.27 | 19.95 | 30.00 | 10.05 |
| HE40, M0.1 to M11.1               | 4 | 6.00 | 14.93 | 14.81 | 14.97 | 14.89 |       |       |       |       | 0.27 | 21.19 | 30.00 | 8.81  |
| HE40, M0.2 to M11.2               | 4 | 6.00 | 15.10 | 14.98 | 15.23 | 15.12 |       |       |       |       | 0.27 | 21.40 | 30.00 | 8.60  |
| HE40, M0.3 to M11.3               | 4 | 6.00 | 15.13 | 15.08 | 15.24 | 15.17 |       |       |       |       | 0.27 | 21.44 | 30.00 | 8.56  |
| HE40, M0.4 to M11.4               | 4 | 6.00 | 14.94 | 14.85 | 14.99 | 14.93 |       |       |       |       | 0.27 | 21.22 | 30.00 | 8.78  |
| HE40, M0.1 to M11.1               | 6 | 6.00 | 14.93 | 14.75 | 15.00 |       | 15.07 | 15.04 | 15.18 |       | 0.27 | 23.05 | 30.00 | 6.95  |
| HE40, M0.2 to M11.2               | 6 | 6.00 | 15.11 | 14.95 | 15.22 |       | 15.30 | 15.28 | 15.38 |       | 0.27 | 23.26 | 30.00 | 6.74  |
| HE40, M0.3 to M11.3               | 6 | 6.00 | 15.11 | 14.99 | 15.27 |       | 15.32 | 15.34 | 15.42 |       | 0.27 | 23.29 | 30.00 | 6.71  |
| HE40, M0.4 to M11.4               | 6 | 6.00 | 15.11 | 15.04 | 15.27 |       | 15.35 | 15.37 | 15.44 |       | 0.27 | 23.32 | 30.00 | 6.68  |
| HE40, M0.5 to M11.5               | 6 | 6.00 | 15.18 | 15.06 | 15.23 |       | 15.38 | 15.36 | 15.47 |       | 0.27 | 23.33 | 30.00 | 6.67  |
| HE40, M0.6 to M11.6               | 6 | 6.00 | 14.91 | 14.80 | 15.01 |       | 15.08 | 15.11 | 15.21 |       | 0.27 | 23.07 | 30.00 | 6.93  |
| HE40, M0.1 to M11.1               | 8 | 6.00 | 13.71 | 13.73 | 13.89 | 13.65 | 13.58 | 13.42 | 13.63 | 13.80 | 0.27 | 22.98 | 30.00 | 7.02  |
| HE40, M0.2 to M11.2               | 8 | 6.00 | 15.13 | 14.97 | 15.25 | 15.14 | 15.29 | 15.35 | 15.43 | 15.08 | 0.27 | 24.51 | 30.00 | 5.49  |
| HE40, M0.3 to M11.3               | 8 | 6.00 | 15.15 | 15.01 | 15.30 | 15.18 | 15.30 | 15.41 | 15.49 | 15.11 | 0.27 | 24.55 | 30.00 | 5.45  |
| HE40, M0.4 to M11.4               | 8 | 6.00 | 15.17 | 15.04 | 15.38 | 15.22 | 15.35 | 15.42 | 15.50 | 15.14 | 0.27 | 24.58 | 30.00 | 5.42  |
| HE40, M0.5 to M11.5               | 8 | 6.00 | 15.23 | 15.06 | 15.41 | 15.22 | 15.38 | 15.41 | 15.54 | 15.16 | 0.27 | 24.60 | 30.00 | 5.40  |

|                               |          |             |              |              |              |              |              |              |              |              |             |              |              |             |
|-------------------------------|----------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|-------------|
| HE40, M0.6 to M11.6           | 8        | 6.00        | 15.24        | 15.06        | 15.41        | 15.22        | 15.39        | 15.41        | 15.55        | 15.18        | 0.27        | 24.61        | 30.00        | 5.39        |
| HE40, M0.7 to M11.7           | 8        | 6.00        | 15.21        | 15.05        | 15.42        | 15.21        | 15.39        | 15.43        | 15.56        | 15.17        | 0.27        | 24.61        | 30.00        | 5.39        |
| HE40, M0.8 to M11.8           | 8        | 6.00        | 14.97        | 14.82        | 15.12        | 14.94        | 15.11        | 15.14        | 15.24        | 14.90        | 0.27        | 24.33        | 30.00        | 5.67        |
| HE40, M0.1 to M11.1-BF        | 2        | 9.01        | 14.96        | 14.72        |              |              |              |              |              |              | 0.27        | 18.12        | 26.99        | 8.87        |
| HE40, M0.2 to M11.2-BF        | 2        | 6.00        | 14.95        | 14.76        |              |              |              |              |              |              | 0.27        | 18.14        | 30.00        | 11.86       |
| HE40, M0.1 to M11.1-BF        | 3        | 10.77       | 14.93        | 14.79        | 14.99        |              |              |              |              |              | 0.27        | 19.95        | 25.23        | 5.28        |
| HE40, M0.2 to M11.2-BF        | 3        | 7.76        | 15.10        | 15.03        | 15.25        |              |              |              |              |              | 0.27        | 20.17        | 28.24        | 8.07        |
| HE40, M0.3 to M11.3-BF        | 3        | 6.00        | 14.94        | 14.85        | 15.03        |              |              |              |              |              | 0.27        | 19.98        | 30.00        | 10.02       |
| HE40, M0.1 to M11.1-BF        | 4        | 12.02       | 14.96        | 14.73        | 14.98        | 14.93        |              |              |              |              | 0.27        | 21.19        | 23.98        | 2.79        |
| HE40, M0.2 to M11.2-BF        | 4        | 9.01        | 15.14        | 14.96        | 15.19        | 15.13        |              |              |              |              | 0.27        | 21.40        | 26.99        | 5.59        |
| HE40, M0.3 to M11.3-BF        | 4        | 7.25        | 15.14        | 15.05        | 15.19        | 15.18        |              |              |              |              | 0.27        | 21.43        | 28.75        | 7.32        |
| HE40, M0.4 to M11.4-BF        | 4        | 6.00        | 14.97        | 14.80        | 14.98        | 14.94        |              |              |              |              | 0.27        | 21.22        | 30.00        | 8.78        |
| HE40, M0.1 to M11.1-BF        | 6        | 13.78       | 11.95        | 11.79        | 11.89        |              | 11.95        | 12.07        | 12.07        |              | 0.27        | 20.00        | 22.22        | 2.22        |
| HE40, M0.2 to M11.2-BF        | 6        | 10.77       | 15.08        | 14.91        | 15.26        |              | 15.32        | 15.28        | 15.38        |              | 0.27        | 23.26        | 25.23        | 1.97        |
| HE40, M0.3 to M11.3-BF        | 6        | 9.01        | 15.09        | 14.95        | 15.33        |              | 15.31        | 15.34        | 15.42        |              | 0.27        | 23.29        | 26.99        | 3.70        |
| HE40, M0.4 to M11.4-BF        | 6        | 7.76        | 15.11        | 15.00        | 15.34        |              | 15.35        | 15.34        | 15.44        |              | 0.27        | 23.32        | 28.24        | 4.92        |
| HE40, M0.5 to M11.5-BF        | 6        | 6.79        | 15.18        | 15.00        | 15.36        |              | 15.41        | 15.37        | 15.47        |              | 0.27        | 23.35        | 29.21        | 5.86        |
| HE40, M0.6 to M11.6-BF        | 6        | 6.00        | 14.94        | 14.76        | 15.05        |              | 15.09        | 15.10        | 15.21        |              | 0.27        | 23.08        | 30.00        | 6.92        |
| HE40, M0.1 to M11.1-BF        | 8        | 15.03       | 9.98         | 9.89         | 9.89         | 9.89         | 9.90         | 10.21        | 10.09        | 9.70         | 0.27        | 19.25        | 20.97        | 1.72        |
| HE40, M0.2 to M11.2-BF        | 8        | 12.02       | 13.12        | 13.03        | 13.12        | 13.19        | 13.22        | 13.33        | 13.27        | 12.96        | 0.27        | 22.46        | 23.98        | 1.52        |
| HE40, M0.3 to M11.3-BF        | 8        | 10.26       | 15.14        | 15.00        | 15.31        | 15.19        | 15.32        | 15.41        | 15.48        | 15.10        | 0.27        | 24.55        | 25.74        | 1.19        |
| HE40, M0.4 to M11.4-BF        | 8        | 9.01        | 15.13        | 15.02        | 15.36        | 15.21        | 15.35        | 15.40        | 15.51        | 15.11        | 0.27        | 24.56        | 26.99        | 2.43        |
| HE40, M0.5 to M11.5-BF        | 8        | 8.04        | 15.19        | 15.04        | 15.40        | 15.22        | 15.38        | 15.43        | 15.55        | 15.13        | 0.27        | 24.60        | 27.96        | 3.36        |
| <b>HE40, M0.6 to M11.6-BF</b> | <b>8</b> | <b>7.25</b> | <b>15.22</b> | <b>15.05</b> | <b>15.46</b> | <b>15.23</b> | <b>15.40</b> | <b>15.42</b> | <b>15.55</b> | <b>15.16</b> | <b>0.27</b> | <b>24.62</b> | <b>28.75</b> | <b>4.13</b> |
| HE40, M0.7 to M11.7-BF        | 8        | 6.58        | 15.19        | 15.03        | 15.43        | 15.23        | 15.41        | 15.42        | 15.54        | 15.16        | 0.27        | 24.60        | 29.42        | 4.82        |
| HE40, M0.8 to M11.8-BF        | 8        | 6.00        | 14.93        | 14.82        | 15.12        | 14.96        | 15.10        | 15.14        | 15.24        | 14.89        | 0.27        | 24.33        | 30.00        | 5.67        |
| HE40, M0 to M11-STBC          | 2        | 6.00        | 14.94        | 14.73        |              |              |              |              |              |              | 0.27        | 18.11        | 30.00        | 11.89       |
| HE40, M0 to M11-STBC          | 3        | 6.00        | 14.94        | 14.75        | 14.99        |              |              |              |              |              | 0.27        | 19.93        | 30.00        | 10.07       |

|                      |   |      |       |       |       |       |       |       |       |       |      |       |       |      |
|----------------------|---|------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|
| HE40, M0 to M11-STBC | 4 | 6.00 | 14.93 | 14.76 | 14.99 | 14.93 |       |       |       |       | 0.27 | 21.19 | 30.00 | 8.81 |
| HE40, M0 to M11-STBC | 6 | 6.00 | 14.95 | 14.74 | 15.00 |       | 15.08 | 15.06 | 15.18 |       | 0.27 | 23.05 | 30.00 | 6.95 |
| HE40, M0 to M11-STBC | 8 | 6.00 | 12.93 | 12.84 | 12.80 | 12.88 | 12.97 | 13.12 | 13.04 | 12.77 | 0.27 | 22.22 | 30.00 | 7.78 |

## 5210 MHz:

| Mode                   | Tx paths | correlated antenna gain (dBi) | Tx 1 Max Power (dBm) | Tx 2 Max Power (dBm) | Tx 3 Max Power (dBm) | Tx 4 Max Power (dBm) | Tx 5 Max Power (dBm) | Tx 6 Max Power (dBm) | Tx 7 Max Power (dBm) | Tx 8 Max Power (dBm) | DCCF (dB) | Total Max Power (dBm) | FCC Limit (dBm) | Margin (dB) |
|------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------|-----------------------|-----------------|-------------|
| non HT80, 6 to 54 Mbps | 1        | 6.00                          | 14.68                |                      |                      |                      |                      |                      |                      |                      | 0.36      | 15.04                 | 30.00           | 14.96       |
| non HT80, 6 to 54 Mbps | 2        | 6.00                          | 12.76                | 12.25                |                      |                      |                      |                      |                      |                      | 0.36      | 15.88                 | 30.00           | 14.12       |
| non HT80, 6 to 54 Mbps | 3        | 6.00                          | 11.83                | 11.23                | 11.87                |                      |                      |                      |                      |                      | 0.36      | 16.78                 | 30.00           | 13.22       |
| non HT80, 6 to 54 Mbps | 4        | 6.00                          | 10.74                | 10.40                | 10.82                | 11.00                |                      |                      |                      |                      | 0.36      | 17.12                 | 30.00           | 12.88       |
| non HT80, 6 to 54 Mbps | 6        | 9.00                          | 7.97                 | 7.31                 | 7.93                 |                      | 8.27                 | 8.37                 | 8.30                 |                      | 0.36      | 16.18                 | 27.00           | 10.82       |
| non HT80, 6 to 54 Mbps | 8        | 9.00                          | 7.97                 | 7.30                 | 7.94                 | 8.07                 | 8.22                 | 8.32                 | 8.37                 | 7.74                 | 0.36      | 17.39                 | 27.00           | 9.61        |
| VHT80, M0.1 to M9.1    | 1        | 6.00                          | 13.96                |                      |                      |                      |                      |                      |                      |                      | 0.27      | 14.23                 | 30.00           | 15.77       |
| VHT80, M0.1 to M9.1    | 2        | 6.00                          | 12.06                | 11.56                |                      |                      |                      |                      |                      |                      | 0.27      | 15.10                 | 30.00           | 14.90       |
| VHT80, M0.2 to M9.2    | 2        | 6.00                          | 12.07                | 11.59                |                      |                      |                      |                      |                      |                      | 0.27      | 15.12                 | 30.00           | 14.88       |
| VHT80, M0.1 to M9.1    | 3        | 6.00                          | 10.96                | 10.58                | 11.09                |                      |                      |                      |                      |                      | 0.27      | 15.92                 | 30.00           | 14.08       |
| VHT80, M0.2 to M9.2    | 3        | 6.00                          | 11.11                | 10.73                | 11.23                |                      |                      |                      |                      |                      | 0.27      | 16.07                 | 30.00           | 13.93       |
| VHT80, M0.3 to M9.3    | 3        | 6.00                          | 10.98                | 10.65                | 11.15                |                      |                      |                      |                      |                      | 0.27      | 15.97                 | 30.00           | 14.03       |
| VHT80, M0.1 to M9.1    | 4        | 6.00                          | 10.96                | 10.67                | 11.07                | 11.22                |                      |                      |                      |                      | 0.27      | 17.27                 | 30.00           | 12.73       |
| VHT80, M0.2 to M9.2    | 4        | 6.00                          | 11.11                | 10.80                | 11.20                | 11.35                |                      |                      |                      |                      | 0.27      | 17.41                 | 30.00           | 12.59       |
| VHT80, M0.3 to M9.3    | 4        | 6.00                          | 11.10                | 10.89                | 11.31                | 11.47                |                      |                      |                      |                      | 0.27      | 17.49                 | 30.00           | 12.51       |
| VHT80, M0.4 to M9.4    | 4        | 6.00                          | 11.00                | 10.69                | 11.09                | 11.23                |                      |                      |                      |                      | 0.27      | 17.30                 | 30.00           | 12.70       |
| VHT80, M0.1 to M9.1    | 6        | 6.00                          | 10.01                | 9.59                 | 10.18                |                      | 10.51                | 10.63                | 10.59                |                      | 0.27      | 18.32                 | 30.00           | 11.68       |
| VHT80, M0.2 to M9.2    | 6        | 6.00                          | 10.09                | 9.73                 | 10.30                |                      | 10.66                | 10.78                | 10.71                |                      | 0.27      | 18.45                 | 30.00           | 11.55       |
| VHT80, M0.3 to M9.3    | 6        | 6.00                          | 10.10                | 9.82                 | 10.41                |                      | 10.74                | 10.89                | 10.75                |                      | 0.27      | 18.52                 | 30.00           | 11.48       |
| VHT80, M0.4 to M9.4    | 6        | 6.00                          | 10.06                | 9.81                 | 10.45                |                      | 10.70                | 10.92                | 10.76                |                      | 0.27      | 18.52                 | 30.00           | 11.48       |
| VHT80, M0.5 to M9.5    | 6        | 6.00                          | 10.12                | 9.85                 | 10.45                |                      | 10.70                | 10.90                | 10.81                |                      | 0.27      | 18.54                 | 30.00           | 11.46       |
| VHT80, M0.6 to M9.6    | 6        | 6.00                          | 9.96                 | 9.68                 | 10.20                |                      | 10.57                | 10.70                | 10.58                |                      | 0.27      | 18.35                 | 30.00           | 11.65       |
| VHT80, M0.1 to M9.1    | 8        | 6.00                          | 8.99                 | 8.66                 | 9.22                 | 9.17                 | 9.45                 | 9.61                 | 9.53                 | 9.25                 | 0.27      | 18.55                 | 30.00           | 11.45       |



|                     |   |       |       |       |       |       |       |       |       |      |      |       |       |       |
|---------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-------|-------|-------|
| VHT80, M0.2 to M9.2 | 8 | 6.00  | 9.16  | 8.80  | 9.38  | 9.33  | 9.61  | 9.76  | 9.65  | 9.35 | 0.27 | 18.69 | 30.00 | 11.31 |
| VHT80, M0.3 to M9.3 | 8 | 6.00  | 9.14  | 8.83  | 9.45  | 9.42  | 9.68  | 9.88  | 9.76  | 9.39 | 0.27 | 18.76 | 30.00 | 11.24 |
| VHT80, M0.4 to M9.4 | 8 | 6.00  | 9.12  | 8.78  | 9.50  | 9.41  | 9.60  | 9.87  | 9.81  | 9.40 | 0.27 | 18.75 | 30.00 | 11.25 |
| VHT80, M0.5 to M9.5 | 8 | 6.00  | 9.20  | 8.87  | 9.55  | 9.41  | 9.61  | 9.85  | 9.80  | 9.46 | 0.27 | 18.78 | 30.00 | 11.22 |
| VHT80, M0.6 to M9.6 | 8 | 6.00  | 9.20  | 8.87  | 9.53  | 9.35  | 9.67  | 9.81  | 9.84  | 9.45 | 0.27 | 18.78 | 30.00 | 11.22 |
| VHT80, M0.7 to M9.7 | 8 | 6.00  | 9.29  | 8.89  | 9.53  | 9.38  | 9.62  | 9.83  | 9.79  | 9.43 | 0.27 | 18.78 | 30.00 | 11.22 |
| VHT80, M0.8 to M9.8 | 8 | 6.00  | 9.05  | 8.72  | 9.25  | 9.19  | 9.56  | 9.67  | 9.50  | 9.27 | 0.27 | 18.59 | 30.00 | 11.41 |
| VHT80, M0.1 to M9.1 | 2 | 9.01  | 10.99 | 10.61 |       |       |       |       |       |      | 0.27 | 14.08 | 26.99 | 12.91 |
| VHT80, M0.2 to M9.2 | 2 | 6.00  | 12.08 | 11.58 |       |       |       |       |       |      | 0.27 | 15.11 | 30.00 | 14.89 |
| VHT80, M0.1 to M9.1 | 3 | 10.77 | 9.03  | 8.57  | 9.22  |       |       |       |       |      | 0.27 | 13.99 | 25.23 | 11.24 |
| VHT80, M0.2 to M9.2 | 3 | 7.76  | 10.09 | 9.70  | 10.30 |       |       |       |       |      | 0.27 | 15.08 | 28.24 | 13.16 |
| VHT80, M0.3 to M9.3 | 3 | 6.00  | 11.05 | 10.65 | 11.11 |       |       |       |       |      | 0.27 | 15.98 | 30.00 | 14.02 |
| VHT80, M0.1 to M9.1 | 4 | 12.02 | 7.20  | 6.68  | 7.27  | 7.23  |       |       |       |      | 0.27 | 13.39 | 23.98 | 10.59 |
| VHT80, M0.2 to M9.2 | 4 | 9.01  | 9.14  | 8.78  | 9.35  | 9.37  |       |       |       |      | 0.27 | 15.46 | 26.99 | 11.53 |
| VHT80, M0.3 to M9.3 | 4 | 7.25  | 11.14 | 10.88 | 11.27 | 11.48 |       |       |       |      | 0.27 | 17.49 | 28.75 | 11.26 |
| VHT80, M0.4 to M9.4 | 4 | 6.00  | 11.00 | 10.66 | 11.06 | 11.28 |       |       |       |      | 0.27 | 17.30 | 30.00 | 12.70 |
| VHT80, M0.1 to M9.1 | 6 | 13.78 | 4.23  | 3.78  | 4.37  |       | 4.69  | 4.81  | 4.63  |      | 0.27 | 12.48 | 22.22 | 9.74  |
| VHT80, M0.2 to M9.2 | 6 | 10.77 | 7.35  | 6.81  | 7.46  |       | 7.38  | 7.57  | 7.39  |      | 0.27 | 15.38 | 25.23 | 9.85  |
| VHT80, M0.3 to M9.3 | 6 | 9.01  | 8.34  | 7.75  | 8.39  |       | 8.73  | 8.88  | 8.71  |      | 0.27 | 16.53 | 26.99 | 10.46 |
| VHT80, M0.4 to M9.4 | 6 | 7.76  | 9.11  | 8.82  | 9.52  |       | 9.62  | 9.87  | 9.68  |      | 0.27 | 17.50 | 28.24 | 10.74 |
| VHT80, M0.5 to M9.5 | 6 | 6.79  | 10.15 | 9.88  | 10.44 |       | 10.69 | 10.90 | 10.83 |      | 0.27 | 18.55 | 29.21 | 10.66 |
| VHT80, M0.6 to M9.6 | 6 | 6.00  | 10.02 | 9.68  | 10.22 |       | 10.57 | 10.70 | 10.60 |      | 0.27 | 18.36 | 30.00 | 11.64 |
| VHT80, M0.1 to M9.1 | 8 | 15.03 | 1.44  | 0.86  | 1.76  | 1.50  | 1.52  | 1.79  | 1.54  | 1.01 | 0.27 | 10.74 | 20.97 | 10.23 |
| VHT80, M0.2 to M9.2 | 8 | 12.02 | 5.24  | 5.01  | 5.39  | 5.51  | 5.82  | 5.98  | 5.76  | 5.63 | 0.27 | 14.85 | 23.98 | 9.13  |
| VHT80, M0.3 to M9.3 | 8 | 10.26 | 7.32  | 6.88  | 7.57  | 7.39  | 7.43  | 7.70  | 7.54  | 7.67 | 0.27 | 16.74 | 25.74 | 9.00  |
| VHT80, M0.4 to M9.4 | 8 | 9.01  | 7.31  | 6.86  | 7.63  | 7.46  | 7.38  | 7.70  | 7.56  | 7.67 | 0.27 | 16.75 | 26.99 | 10.24 |
| VHT80, M0.5 to M9.5 | 8 | 8.04  | 8.36  | 7.80  | 8.50  | 8.58  | 8.65  | 8.89  | 8.87  | 8.19 | 0.27 | 17.79 | 27.96 | 10.17 |
| VHT80, M0.6 to M9.6 | 8 | 7.25  | 8.38  | 7.73  | 8.49  | 8.50  | 8.69  | 8.82  | 8.88  | 8.20 | 0.27 | 17.78 | 28.75 | 10.97 |

|                            |          |             |              |              |              |       |              |              |              |      |             |              |              |              |
|----------------------------|----------|-------------|--------------|--------------|--------------|-------|--------------|--------------|--------------|------|-------------|--------------|--------------|--------------|
| VHT80, M0.7 to M9.7        | 8        | 6.58        | 9.25         | 8.89         | 9.53         | 9.37  | 9.65         | 9.86         | 9.77         | 9.44 | 0.27        | 18.78        | 29.42        | 10.64        |
| VHT80, M0.8 to M9.8        | 8        | 6.00        | 9.02         | 8.73         | 9.25         | 9.21  | 9.56         | 9.65         | 9.55         | 9.23 | 0.27        | 18.58        | 30.00        | 11.42        |
| VHT80, M0 to M9            | 2        | 6.00        | 12.07        | 11.57        |              |       |              |              |              |      | 0.27        | 15.11        | 30.00        | 14.89        |
| VHT80, M0 to M9            | 3        | 6.00        | 10.96        | 10.59        | 11.08        |       |              |              |              |      | 0.27        | 15.92        | 30.00        | 14.08        |
| VHT80, M0 to M9            | 4        | 6.00        | 10.96        | 10.63        | 11.06        | 11.26 |              |              |              |      | 0.27        | 17.28        | 30.00        | 12.72        |
| VHT80, M0 to M9            | 6        | 6.00        | 9.88         | 9.59         | 10.17        |       | 10.53        | 10.64        | 10.67        |      | 0.27        | 18.32        | 30.00        | 11.68        |
| VHT80, M0 to M9            | 8        | 6.00        | 8.91         | 8.65         | 9.24         | 9.20  | 9.48         | 9.61         | 9.57         | 9.21 | 0.27        | 18.54        | 30.00        | 11.46        |
| HE80, M0.1 to M11.1        | 1        | 6.00        | 13.19        |              |              |       |              |              |              |      | 0.22        | 13.41        | 30.00        | 16.59        |
| HE80, M0.1 to M11.1        | 2        | 6.00        | 12.21        | 11.79        |              |       |              |              |              |      | 0.22        | 15.23        | 30.00        | 14.77        |
| HE80, M0.2 to M11.2        | 2        | 6.00        | 12.23        | 11.84        |              |       |              |              |              |      | 0.22        | 15.27        | 30.00        | 14.73        |
| HE80, M0.1 to M11.1        | 3        | 6.00        | 11.15        | 10.82        | 11.33        |       |              |              |              |      | 0.22        | 16.09        | 30.00        | 13.91        |
| HE80, M0.2 to M11.2        | 3        | 6.00        | 11.32        | 10.98        | 11.51        |       |              |              |              |      | 0.22        | 16.26        | 30.00        | 13.74        |
| HE80, M0.3 to M11.3        | 3        | 6.00        | 11.15        | 10.86        | 11.36        |       |              |              |              |      | 0.22        | 16.12        | 30.00        | 13.88        |
| HE80, M0.1 to M11.1        | 4        | 6.00        | 11.11        | 10.86        | 11.25        | 11.48 |              |              |              |      | 0.22        | 17.42        | 30.00        | 12.58        |
| HE80, M0.2 to M11.2        | 4        | 6.00        | 11.28        | 11.00        | 11.43        | 11.63 |              |              |              |      | 0.22        | 17.58        | 30.00        | 12.42        |
| HE80, M0.3 to M11.3        | 4        | 6.00        | 11.27        | 11.04        | 11.48        | 11.69 |              |              |              |      | 0.22        | 17.62        | 30.00        | 12.38        |
| HE80, M0.4 to M11.4        | 4        | 6.00        | 11.11        | 10.88        | 11.30        | 11.51 |              |              |              |      | 0.22        | 17.45        | 30.00        | 12.55        |
| HE80, M0.1 to M11.1        | 6        | 6.00        | 10.07        | 10.36        | 10.37        |       | 10.82        | 10.88        | 10.90        |      | 0.22        | 18.58        | 30.00        | 11.42        |
| HE80, M0.2 to M11.2        | 6        | 6.00        | 10.29        | 10.50        | 10.54        |       | 10.95        | 11.05        | 11.08        |      | 0.22        | 18.75        | 30.00        | 11.25        |
| HE80, M0.3 to M11.3        | 6        | 6.00        | 10.28        | 10.56        | 10.62        |       | 10.94        | 11.12        | 11.10        |      | 0.22        | 18.78        | 30.00        | 11.22        |
| HE80, M0.4 to M11.4        | 6        | 6.00        | 10.20        | 10.61        | 10.58        |       | 10.99        | 11.10        | 11.15        |      | 0.22        | 18.79        | 30.00        | 11.21        |
| <b>HE80, M0.5 to M11.5</b> | <b>6</b> | <b>6.00</b> | <b>10.27</b> | <b>10.61</b> | <b>10.61</b> |       | <b>11.02</b> | <b>11.14</b> | <b>11.15</b> |      | <b>0.22</b> | <b>18.81</b> | <b>30.00</b> | <b>11.19</b> |
| HE80, M0.6 to M11.6        | 6        | 6.00        | 10.04        | 10.37        | 10.40        |       | 10.78        | 10.92        | 10.92        |      | 0.22        | 18.58        | 30.00        | 11.42        |
| HE80, M0.1 to M11.1        | 8        | 6.00        | 8.30         | 8.31         | 8.39         | 8.65  | 8.74         | 8.93         | 8.80         | 8.18 | 0.22        | 17.80        | 30.00        | 12.20        |
| HE80, M0.2 to M11.2        | 8        | 6.00        | 8.46         | 8.42         | 8.54         | 8.81  | 8.90         | 9.11         | 8.99         | 8.33 | 0.22        | 17.95        | 30.00        | 12.05        |
| HE80, M0.3 to M11.3        | 8        | 6.00        | 8.46         | 8.43         | 8.57         | 8.86  | 8.93         | 9.14         | 9.07         | 8.35 | 0.22        | 17.99        | 30.00        | 12.01        |
| HE80, M0.4 to M11.4        | 8        | 6.00        | 8.43         | 8.42         | 8.59         | 8.85  | 8.94         | 9.11         | 9.05         | 8.35 | 0.22        | 17.98        | 30.00        | 12.02        |
| HE80, M0.5 to M11.5        | 8        | 6.00        | 8.48         | 8.54         | 8.62         | 8.88  | 8.97         | 9.16         | 9.09         | 8.37 | 0.22        | 18.02        | 30.00        | 11.98        |

|                        |   |       |       |       |       |       |      |       |       |      |      |       |       |       |
|------------------------|---|-------|-------|-------|-------|-------|------|-------|-------|------|------|-------|-------|-------|
| HE80, M0.6 to M11.6    | 8 | 6.00  | 8.47  | 8.47  | 8.58  | 8.88  | 8.97 | 9.15  | 9.07  | 8.37 | 0.22 | 18.00 | 30.00 | 12.00 |
| HE80, M0.7 to M11.7    | 8 | 6.00  | 8.48  | 8.47  | 8.59  | 8.90  | 8.98 | 9.16  | 9.10  | 8.39 | 0.22 | 18.02 | 30.00 | 11.98 |
| HE80, M0.8 to M11.8    | 8 | 6.00  | 8.27  | 8.27  | 8.38  | 8.68  | 8.78 | 8.97  | 8.84  | 8.15 | 0.22 | 17.80 | 30.00 | 12.20 |
| HE80, M0.1 to M11.1-BF | 2 | 9.01  | 10.06 | 10.39 |       |       |      |       |       |      | 0.22 | 13.46 | 26.99 | 13.53 |
| HE80, M0.2 to M11.2-BF | 2 | 6.00  | 12.13 | 12.32 |       |       |      |       |       |      | 0.22 | 15.46 | 30.00 | 14.54 |
| HE80, M0.1 to M11.1-BF | 3 | 10.77 | 8.28  | 8.21  | 8.40  |       |      |       |       |      | 0.22 | 13.29 | 25.23 | 11.94 |
| HE80, M0.2 to M11.2-BF | 3 | 7.76  | 10.21 | 10.44 | 10.56 |       |      |       |       |      | 0.22 | 15.40 | 28.24 | 12.84 |
| HE80, M0.3 to M11.3-BF | 3 | 6.00  | 11.08 | 11.34 | 11.35 |       |      |       |       |      | 0.22 | 16.25 | 30.00 | 13.75 |
| HE80, M0.1 to M11.1-BF | 4 | 12.02 | 7.25  | 7.39  | 7.54  | 7.52  |      |       |       |      | 0.22 | 13.67 | 23.98 | 10.31 |
| HE80, M0.2 to M11.2-BF | 4 | 9.01  | 8.42  | 8.40  | 8.53  | 8.83  |      |       |       |      | 0.22 | 14.79 | 26.99 | 12.20 |
| HE80, M0.3 to M11.3-BF | 4 | 7.25  | 9.22  | 9.57  | 9.56  | 9.70  |      |       |       |      | 0.22 | 15.76 | 28.75 | 12.99 |
| HE80, M0.4 to M11.4-BF | 4 | 6.00  | 11.05 | 11.39 | 11.30 | 11.51 |      |       |       |      | 0.22 | 17.56 | 30.00 | 12.44 |
| HE80, M0.1 to M11.1-BF | 6 | 13.78 | 4.27  | 4.50  | 4.62  |       | 4.97 | 5.07  | 4.98  |      | 0.22 | 12.74 | 22.22 | 9.48  |
| HE80, M0.2 to M11.2-BF | 6 | 10.77 | 7.42  | 7.54  | 7.70  |       | 7.65 | 7.83  | 7.79  |      | 0.22 | 15.66 | 25.23 | 9.57  |
| HE80, M0.3 to M11.3-BF | 6 | 9.01  | 8.41  | 8.44  | 8.61  |       | 8.92 | 9.09  | 9.06  |      | 0.22 | 16.77 | 26.99 | 10.22 |
| HE80, M0.4 to M11.4-BF | 6 | 7.76  | 8.39  | 8.47  | 8.58  |       | 8.95 | 9.08  | 9.09  |      | 0.22 | 16.77 | 28.24 | 11.47 |
| HE80, M0.5 to M11.5-BF | 6 | 6.79  | 9.24  | 9.58  | 9.68  |       | 9.97 | 10.10 | 10.06 |      | 0.22 | 17.78 | 29.21 | 11.43 |
| HE80, M0.6 to M11.6-BF | 6 | 6.00  | 9.07  | 9.38  | 9.44  |       | 9.74 | 9.87  | 9.83  |      | 0.22 | 17.56 | 30.00 | 12.44 |
| HE80, M0.1 to M11.1-BF | 8 | 15.03 | 1.45  | 1.51  | 1.90  | 1.85  | 1.75 | 2.05  | 1.79  | 1.30 | 0.22 | 10.96 | 20.97 | 10.01 |
| HE80, M0.2 to M11.2-BF | 8 | 12.02 | 4.37  | 4.65  | 4.71  | 4.81  | 5.10 | 5.31  | 5.10  | 4.82 | 0.22 | 14.12 | 23.98 | 9.86  |
| HE80, M0.3 to M11.3-BF | 8 | 10.26 | 6.34  | 6.64  | 6.66  | 6.84  | 7.05 | 7.39  | 7.10  | 6.93 | 0.22 | 16.13 | 25.74 | 9.61  |
| HE80, M0.4 to M11.4-BF | 8 | 9.01  | 7.36  | 7.57  | 7.74  | 7.65  | 7.65 | 7.94  | 7.80  | 7.91 | 0.22 | 16.96 | 26.99 | 10.03 |
| HE80, M0.5 to M11.5-BF | 8 | 8.04  | 7.45  | 7.61  | 7.78  | 7.77  | 7.69 | 7.99  | 7.79  | 7.93 | 0.22 | 17.00 | 27.96 | 10.96 |
| HE80, M0.6 to M11.6-BF | 8 | 7.25  | 8.41  | 8.49  | 8.59  | 8.91  | 8.94 | 9.16  | 9.05  | 8.37 | 0.22 | 18.00 | 28.75 | 10.75 |
| HE80, M0.7 to M11.7-BF | 8 | 6.58  | 8.47  | 8.51  | 8.58  | 8.91  | 8.97 | 9.19  | 9.07  | 8.38 | 0.22 | 18.02 | 29.42 | 11.40 |
| HE80, M0.8 to M11.8-BF | 8 | 6.00  | 8.25  | 8.27  | 8.38  | 8.68  | 8.76 | 8.98  | 8.88  | 8.19 | 0.22 | 17.81 | 30.00 | 12.19 |
| HE80, M0 to M11-STBC   | 2 | 6.00  | 12.09 | 12.30 |       |       |      |       |       |      | 0.22 | 15.43 | 30.00 | 14.57 |
| HE80, M0 to M11-STBC   | 3 | 6.00  | 10.99 | 11.33 | 11.31 |       |      |       |       |      | 0.22 | 16.20 | 30.00 | 13.80 |

|                      |   |      |       |       |       |       |       |       |       |      |      |       |       |       |
|----------------------|---|------|-------|-------|-------|-------|-------|-------|-------|------|------|-------|-------|-------|
| HE80, M0 to M11-STBC | 4 | 6.00 | 10.99 | 11.35 | 11.28 | 11.50 |       |       |       |      | 0.22 | 17.52 | 30.00 | 12.48 |
| HE80, M0 to M11-STBC | 6 | 6.00 | 10.02 | 10.32 | 10.40 |       | 10.80 | 10.87 | 10.90 |      | 0.22 | 18.57 | 30.00 | 11.43 |
| HE80, M0 to M11-STBC | 8 | 6.00 | 9.03  | 9.36  | 9.40  | 9.50  | 9.77  | 9.94  | 9.80  | 9.40 | 0.22 | 18.79 | 30.00 | 11.21 |

**Test results for Power Spectrum Density**

5180 MHz:

| Mode                               | Tx paths | correlated antenna gain (dBi) | Tx 1 PSD (dBm/MHz) | Tx 2 PSD (dBm/MHz) | Tx 3 PSD (dBm/MHz) | Tx 4 PSD (dBm/MHz) | Tx 5 PSD (dBm/MHz) | Tx 6 PSD (dBm/MHz) | Tx 7 PSD (dBm/MHz) | Tx 8 PSD (dBm/MHz) | DCCF (dB) | Total PSD (dBm/MHz) | FCC Limit (dBm/MHz) | Margin (dB) |
|------------------------------------|----------|-------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-----------|---------------------|---------------------|-------------|
| non HT20, 6 to 54 Mbps             | 1        | 6.00                          | 2.83               |                    |                    |                    |                    |                    |                    |                    | 0.72      | 3.55                | 17.00               | 13.45       |
| non HT20, 6 to 54 Mbps             | 2        | 9.01                          | 2.93               | 3.14               |                    |                    |                    |                    |                    |                    | 0.72      | 6.77                | 13.99               | 7.22        |
| non HT20, 6 to 54 Mbps             | 3        | 10.77                         | 2.92               | 3.01               | 2.88               |                    |                    |                    |                    |                    | 0.72      | 8.43                | 12.23               | 3.80        |
| non HT20, 6 to 54 Mbps             | 4        | 12.02                         | -1.28              | -0.90              | -0.83              | -0.78              |                    |                    |                    |                    | 0.72      | 5.80                | 10.98               | 5.18        |
| non HT20, 6 to 54 Mbps             | 6        | 13.78                         | 0.58               | 0.78               | 0.70               |                    | 0.65               | 0.78               | 0.69               |                    | 0.72      | 9.20                | 9.22                | 0.02        |
| non HT20, 6 to 54 Mbps             | 8        | 15.03                         | -2.12              | -2.02              | -2.08              | -1.99              | -1.93              | -1.81              | -2.11              | -2.18              | 0.72      | 7.72                | 7.97                | 0.25        |
| non HT20, 6 to 54 Mbps-BF          | 2        | 9.01                          | 2.82               | 2.82               |                    |                    |                    |                    |                    |                    | 0.72      | 6.55                | 13.99               | 7.44        |
| non HT20, 6 to 54 Mbps-BF          | 3        | 10.77                         | 2.87               | 2.92               | 3.13               |                    |                    |                    |                    |                    | 0.72      | 8.47                | 12.23               | 3.76        |
| non HT20, 6 to 54 Mbps-BF          | 4        | 12.02                         | 3.17               | 3.15               | 3.10               | 3.20               |                    |                    |                    |                    | 0.72      | 9.90                | 10.98               | 1.08        |
| non HT20, 6 to 54 Mbps-BF          | 6        | 13.78                         | -0.07              | 0.02               | 0.02               |                    | 0.19               | 0.13               | 0.01               |                    | 0.72      | 8.55                | 9.22                | 0.67        |
| non HT20, 6 to 54 Mbps-BF          | 8        | 15.03                         | -1.98              | -2.24              | -2.24              | -1.96              | -1.88              | -1.69              | -1.79              | -1.91              | 0.72      | 7.79                | 7.97                | 0.18        |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 1        | 6.00                          | 2.63               |                    |                    |                    |                    |                    |                    |                    | 0.44      | 3.07                | 17.00               | 13.93       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 2        | 9.01                          | 2.64               | 2.85               |                    |                    |                    |                    |                    |                    | 0.44      | 6.20                | 13.99               | 7.79        |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 2        | 6.00                          | 2.29               | 2.23               |                    |                    |                    |                    |                    |                    | 0.44      | 5.71                | 17.00               | 11.29       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 3        | 10.77                         | 2.73               | 2.80               | 2.54               |                    |                    |                    |                    |                    | 0.44      | 7.90                | 12.23               | 4.33        |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 3        | 7.76                          | 2.14               | 2.27               | 2.22               |                    |                    |                    |                    |                    | 0.44      | 7.42                | 15.24               | 7.82        |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 3        | 6.00                          | 2.54               | 2.71               | 2.19               |                    |                    |                    |                    |                    | 0.44      | 7.70                | 17.00               | 9.30        |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 4        | 12.02                         | 2.43               | 2.73               | 2.80               | 2.76               |                    |                    |                    |                    | 0.44      | 9.14                | 10.98               | 1.84        |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 4        | 9.01                          | 2.27               | 2.29               | 2.63               | 2.15               |                    |                    |                    |                    | 0.44      | 8.80                | 13.99               | 5.19        |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 4        | 7.25                          | 2.63               | 2.43               | 2.60               | 2.67               |                    |                    |                    |                    | 0.44      | 9.04                | 15.75               | 6.71        |
| HT/VHT20, M24 to M31, M0.4 to M8.4 | 4        | 6.00                          | 2.34               | 2.44               | 2.59               | 2.37               |                    |                    |                    |                    | 0.44      | 8.90                | 17.00               | 8.10        |

|                                        |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|----------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| HT/VHT20, M0 to M7, M0.1 to M8.1       | 6 | 13.78 | -0.54 | -0.66 | -0.48 |       | -0.58 | -0.67 | -0.63 |       | 0.44 | 7.63  | 9.22  | 1.59  |
| HT/VHT20, M8 to M15, M0.2 to M8.2      | 6 | 10.77 | 2.15  | 2.17  | 1.81  |       | 2.51  | 2.74  | 2.27  |       | 0.44 | 10.51 | 12.23 | 1.72  |
| HT/VHT20, M16 to M23, M0.3 to M8.3     | 6 | 9.01  | 2.34  | 2.35  | 2.25  |       | 2.51  | 2.83  | 2.43  |       | 0.44 | 10.68 | 13.99 | 3.31  |
| HT/VHT20, M24 to M31, M0.4 to M8.4     | 6 | 7.76  | 2.27  | 2.45  | 2.22  |       | 2.67  | 2.60  | 2.91  |       | 0.44 | 10.75 | 15.24 | 4.49  |
| VHT20, M0.5 to M8.5                    | 6 | 6.79  | 2.38  | 2.29  | 2.28  |       | 2.57  | 2.80  | 2.46  |       | 0.44 | 10.69 | 16.21 | 5.52  |
| VHT20, M0.6 to M8.6                    | 6 | 6.00  | 2.60  | 2.63  | 2.01  |       | 2.60  | 2.73  | 2.81  |       | 0.44 | 10.79 | 17.00 | 6.21  |
| HT/VHT20, M0 to M7, M0.1 to M8.1       | 8 | 15.03 | -2.46 | -2.35 | -2.40 | -2.30 | -2.17 | -2.34 | -2.30 | -2.48 | 0.44 | 7.12  | 7.97  | 0.85  |
| HT/VHT20, M8 to M15, M0.2 to M8.2      | 8 | 12.02 | -0.13 | 0.20  | 0.15  | 0.41  | 0.18  | 0.28  | 0.15  | 0.08  | 0.44 | 9.64  | 10.98 | 1.34  |
| HT/VHT20, M16 to M23, M0.3 to M8.3     | 8 | 10.26 | 2.52  | 2.54  | 2.61  | 2.12  | 2.33  | 2.63  | 2.62  | 2.46  | 0.44 | 11.95 | 12.74 | 0.79  |
| HT/VHT20, M24 to M31, M0.4 to M8.4     | 8 | 9.01  | 2.42  | 2.72  | 2.44  | 2.45  | 2.57  | 2.71  | 2.85  | 2.47  | 0.44 | 12.05 | 13.99 | 1.94  |
| VHT20, M0.5 to M8.5                    | 8 | 8.04  | 2.07  | 2.64  | 2.35  | 2.70  | 2.01  | 2.29  | 2.58  | 2.15  | 0.44 | 11.83 | 14.96 | 3.13  |
| VHT20, M0.6 to M8.6                    | 8 | 7.25  | 2.40  | 2.46  | 2.60  | 2.49  | 2.70  | 2.85  | 3.08  | 2.29  | 0.44 | 12.09 | 15.75 | 3.66  |
| VHT20, M0.7 to M8.7                    | 8 | 6.58  | 2.60  | 2.34  | 2.48  | 2.33  | 2.41  | 2.55  | 2.66  | 2.59  | 0.44 | 11.97 | 16.42 | 4.45  |
| VHT20, M0.8 to M8.8                    | 8 | 6.00  | 2.65  | 2.50  | 2.38  | 2.33  | 2.50  | 2.35  | 3.03  | 2.70  | 0.44 | 12.03 | 17.00 | 4.97  |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 2 | 9.01  | 2.95  | 2.58  |       |       |       |       |       |       | 0.44 | 6.22  | 13.99 | 7.77  |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 2 | 6.00  | 2.31  | 2.56  |       |       |       |       |       |       | 0.44 | 5.89  | 17.00 | 11.11 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 3 | 10.77 | 2.48  | 2.64  | 2.61  |       |       |       |       |       | 0.44 | 7.79  | 12.23 | 4.44  |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 3 | 7.76  | 2.66  | 2.49  | 2.26  |       |       |       |       |       | 0.44 | 7.68  | 15.24 | 7.56  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 3 | 6.00  | 2.86  | 2.41  | 2.32  |       |       |       |       |       | 0.44 | 7.75  | 17.00 | 9.25  |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 4 | 12.02 | 2.46  | 2.92  | 2.55  | 2.69  |       |       |       |       | 0.44 | 9.12  | 10.98 | 1.86  |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 4 | 9.01  | 2.46  | 2.60  | 2.31  | 2.30  |       |       |       |       | 0.44 | 8.88  | 13.99 | 5.11  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 4 | 7.25  | 2.59  | 2.60  | 2.46  | 2.23  |       |       |       |       | 0.44 | 8.93  | 15.75 | 6.82  |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF  | 4 | 6.00  | 2.84  | 2.65  | 2.41  | 2.31  |       |       |       |       | 0.44 | 9.02  | 17.00 | 7.98  |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 6 | 13.78 | -0.16 | -0.20 | -0.38 |       | -0.31 | -0.46 | -0.14 |       | 0.44 | 7.95  | 9.22  | 1.27  |
| HT/VHT20, M8 to M15, M0.2 to M8.2 -BF  | 6 | 10.77 | 2.11  | 2.12  | 2.57  |       | 2.45  | 2.32  | 2.67  |       | 0.44 | 10.60 | 12.23 | 1.63  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 6 | 9.01  | 2.42  | 2.43  | 2.32  |       | 2.16  | 2.31  | 2.43  |       | 0.44 | 10.57 | 13.99 | 3.42  |
| HT/VHT20, M24 to M31, M0.4 to M8.4 -BF | 6 | 7.76  | 2.41  | 2.22  | 2.55  |       | 2.37  | 2.40  | 2.74  |       | 0.44 | 10.67 | 15.24 | 4.57  |
| VHT20, M0.5 to M8.5-BF                 | 6 | 6.79  | 2.43  | 2.33  | 2.21  |       | 2.10  | 1.98  | 2.56  |       | 0.44 | 10.49 | 16.21 | 5.72  |

|                                       |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|---------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| VHT20, M0.6 to M8.6-BF                | 6 | 6.00  | 2.51  | 2.55  | 2.57  |       | 2.51  | 2.54  | 2.76  |       | 0.44 | 10.80 | 17.00 | 6.20  |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF   | 8 | 15.03 | -6.09 | -6.23 | -6.35 | -6.09 | -6.13 | -6.42 | -6.28 | -6.25 | 0.44 | 3.24  | 7.97  | 4.73  |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 8 | 12.02 | -1.95 | -1.88 | -1.90 | -1.65 | -1.39 | -2.00 | -1.56 | -1.87 | 0.44 | 7.70  | 10.98 | 3.28  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 8 | 10.26 | 2.48  | 2.45  | 2.80  | 2.06  | 2.40  | 2.79  | 2.74  | 2.33  | 0.44 | 11.98 | 12.74 | 0.76  |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 8 | 9.01  | 2.51  | 2.46  | 2.55  | 2.27  | 2.30  | 2.74  | 2.59  | 2.41  | 0.44 | 11.95 | 13.99 | 2.04  |
| VHT20, M0.5 to M8.5-BF                | 8 | 8.04  | 2.64  | 2.17  | 2.55  | 2.43  | 2.57  | 2.77  | 2.70  | 1.93  | 0.44 | 11.95 | 14.96 | 3.01  |
| VHT20, M0.6 to M8.6-BF                | 8 | 7.25  | 2.38  | 2.57  | 2.49  | 2.55  | 2.38  | 2.97  | 2.64  | 2.45  | 0.44 | 12.03 | 15.75 | 3.72  |
| VHT20, M0.7 to M8.7-BF                | 8 | 6.58  | 2.43  | 2.59  | 2.52  | 2.46  | 2.83  | 2.55  | 2.82  | 2.54  | 0.44 | 12.07 | 16.42 | 4.35  |
| VHT20, M0.8 to M8.8-BF                | 8 | 6.00  | 2.14  | 2.22  | 2.58  | 2.30  | 2.70  | 2.83  | 2.81  | 2.57  | 0.44 | 12.00 | 17.00 | 5.00  |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 2 | 6.00  | 2.76  | 2.45  |       |       |       |       |       |       | 0.44 | 6.06  | 17.00 | 10.94 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 3 | 6.00  | 2.63  | 2.69  | 2.64  |       |       |       |       |       | 0.44 | 7.86  | 17.00 | 9.14  |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 4 | 6.00  | 2.64  | 2.88  | 2.77  | 2.95  |       |       |       |       | 0.44 | 9.27  | 17.00 | 7.73  |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 6 | 6.00  | 2.61  | 2.64  | 2.47  |       | 2.52  | 2.65  | 2.95  |       | 0.44 | 10.86 | 17.00 | 6.14  |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 8 | 6.00  | 0.49  | 0.60  | 0.47  | 0.64  | 0.83  | 0.93  | 0.92  | 0.61  | 0.44 | 10.16 | 17.00 | 6.84  |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | 2.51  |       |       |       |       |       |       |       | 0.44 | 2.95  | 17.00 | 14.05 |
| HE20, M0.1 to M11.1                   | 2 | 9.01  | 2.75  | 2.63  |       |       |       |       |       |       | 0.44 | 6.14  | 13.99 | 7.85  |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | 2.47  | 2.23  |       |       |       |       |       |       | 0.44 | 5.80  | 17.00 | 11.20 |
| HE20, M0.1 to M11.1                   | 3 | 10.77 | 2.66  | 2.67  | 2.46  |       |       |       |       |       | 0.44 | 7.81  | 12.23 | 4.42  |
| HE20, M0.2 to M11.2                   | 3 | 7.76  | 2.43  | 2.65  | 2.66  |       |       |       |       |       | 0.44 | 7.79  | 15.24 | 7.45  |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | 2.54  | 2.81  | 2.63  |       |       |       |       |       | 0.44 | 7.87  | 17.00 | 9.13  |
| HE20, M0.1 to M11.1                   | 4 | 12.02 | 2.68  | 2.41  | 2.62  | 2.58  |       |       |       |       | 0.44 | 9.03  | 10.98 | 1.95  |
| HE20, M0.2 to M11.2                   | 4 | 9.01  | 2.70  | 2.53  | 2.67  | 2.92  |       |       |       |       | 0.44 | 9.17  | 13.99 | 4.82  |
| HE20, M0.3 to M11.3                   | 4 | 7.25  | 2.44  | 3.04  | 2.60  | 2.66  |       |       |       |       | 0.44 | 9.15  | 15.75 | 6.60  |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | 2.84  | 2.41  | 2.63  | 2.63  |       |       |       |       | 0.44 | 9.09  | 17.00 | 7.91  |
| HE20, M0.1 to M11.1                   | 6 | 13.78 | 0.66  | -0.51 | -0.53 |       | 0.50  | 0.45  | 0.63  |       | 0.44 | 8.45  | 9.22  | 0.77  |
| HE20, M0.2 to M11.2                   | 6 | 10.77 | 2.39  | 2.29  | 2.88  |       | 2.67  | 3.05  | 2.80  |       | 0.44 | 10.91 | 12.23 | 1.32  |
| HE20, M0.3 to M11.3                   | 6 | 9.01  | 2.23  | 2.46  | 3.04  |       | 2.77  | 3.20  | 2.93  |       | 0.44 | 11.01 | 13.99 | 2.98  |
| HE20, M0.4 to M11.4                   | 6 | 7.76  | 2.40  | 2.41  | 2.92  |       | 2.97  | 3.73  | 2.87  |       | 0.44 | 11.13 | 15.24 | 4.11  |

|                        |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| HE20, M0.5 to M11.5    | 6 | 6.79  | 2.58  | 2.62  | 3.39  |       | 2.33  | 3.62  | 2.95  |       | 0.44 | 11.16 | 16.21 | 5.05  |
| HE20, M0.6 to M11.6    | 6 | 6.00  | 2.66  | 2.63  | 2.55  |       | 2.51  | 3.05  | 2.85  |       | 0.44 | 10.93 | 17.00 | 6.07  |
| HE20, M0.1 to M11.1    | 8 | 15.03 | -2.23 | -2.59 | -2.35 | -2.57 | -2.34 | -2.37 | -2.53 | -2.58 | 0.44 | 7.03  | 7.97  | 0.94  |
| HE20, M0.2 to M11.2    | 8 | 12.02 | 0.47  | 0.66  | 0.70  | 0.47  | 0.45  | 0.56  | 0.57  | 0.59  | 0.44 | 10.03 | 10.98 | 0.95  |
| HE20, M0.3 to M11.3    | 8 | 10.26 | 2.51  | 2.58  | 2.86  | 2.76  | 2.77  | 3.02  | 3.17  | 2.57  | 0.44 | 12.26 | 12.74 | 0.48  |
| HE20, M0.4 to M11.4    | 8 | 9.01  | 2.27  | 2.53  | 2.81  | 3.01  | 2.81  | 3.43  | 3.26  | 2.49  | 0.44 | 12.31 | 13.99 | 1.68  |
| HE20, M0.5 to M11.5    | 8 | 8.04  | 2.40  | 2.29  | 2.74  | 3.39  | 2.62  | 3.59  | 2.83  | 2.37  | 0.44 | 12.27 | 14.96 | 2.69  |
| HE20, M0.6 to M11.6    | 8 | 7.25  | 2.37  | 2.72  | 2.50  | 3.02  | 2.66  | 4.03  | 2.96  | 2.56  | 0.44 | 12.35 | 15.75 | 3.40  |
| HE20, M0.7 to M11.7    | 8 | 6.58  | 2.45  | 2.45  | 2.30  | 3.11  | 2.54  | 3.80  | 2.85  | 2.54  | 0.44 | 12.25 | 16.42 | 4.17  |
| HE20, M0.8 to M11.8    | 8 | 6.00  | 2.59  | 2.70  | 2.49  | 2.67  | 2.57  | 2.84  | 2.85  | 2.33  | 0.44 | 12.10 | 17.00 | 4.90  |
| HE20, M0.1 to M11.1-BF | 2 | 9.01  | 2.58  | 2.83  |       |       |       |       |       |       | 0.44 | 6.16  | 13.99 | 7.83  |
| HE20, M0.2 to M11.2-BF | 2 | 6.00  | 2.58  | 2.59  |       |       |       |       |       |       | 0.44 | 6.04  | 17.00 | 10.96 |
| HE20, M0.1 to M11.1-BF | 3 | 10.77 | 2.85  | 2.62  | 2.52  |       |       |       |       |       | 0.44 | 7.88  | 12.23 | 4.35  |
| HE20, M0.2 to M11.2-BF | 3 | 7.76  | 3.01  | 2.73  | 2.72  |       |       |       |       |       | 0.44 | 8.03  | 15.24 | 7.21  |
| HE20, M0.3 to M11.3-BF | 3 | 6.00  | 2.52  | 2.89  | 2.59  |       |       |       |       |       | 0.44 | 7.88  | 17.00 | 9.12  |
| HE20, M0.1 to M11.1-BF | 4 | 12.02 | 2.61  | 2.71  | 2.41  | 2.69  |       |       |       |       | 0.44 | 9.07  | 10.98 | 1.91  |
| HE20, M0.2 to M11.2-BF | 4 | 9.01  | 2.69  | 2.62  | 2.54  | 2.68  |       |       |       |       | 0.44 | 9.09  | 13.99 | 4.90  |
| HE20, M0.3 to M11.3-BF | 4 | 7.25  | 2.60  | 2.74  | 2.49  | 3.08  |       |       |       |       | 0.44 | 9.19  | 15.75 | 6.56  |
| HE20, M0.4 to M11.4-BF | 4 | 6.00  | 2.59  | 2.78  | 2.40  | 2.68  |       |       |       |       | 0.44 | 9.08  | 17.00 | 7.92  |
| HE20, M0.1 to M11.1-BF | 6 | 13.78 | -1.14 | -1.23 | -1.28 |       | -1.37 | -1.39 | -1.34 |       | 0.44 | 6.93  | 9.22  | 2.29  |
| HE20, M0.2 to M11.2-BF | 6 | 10.77 | 0.52  | 0.46  | 0.60  |       | 0.45  | 0.36  | 0.45  |       | 0.44 | 8.70  | 12.23 | 3.53  |
| HE20, M0.3 to M11.3-BF | 6 | 9.01  | 2.61  | 2.49  | 2.91  |       | 2.83  | 3.16  | 3.10  |       | 0.44 | 11.08 | 13.99 | 2.91  |
| HE20, M0.4 to M11.4-BF | 6 | 7.76  | 2.68  | 2.71  | 3.05  |       | 2.75  | 3.44  | 3.01  |       | 0.44 | 11.17 | 15.24 | 4.07  |
| HE20, M0.5 to M11.5-BF | 6 | 6.79  | 2.64  | 2.34  | 3.30  |       | 2.81  | 3.28  | 2.70  |       | 0.44 | 11.08 | 16.21 | 5.13  |
| HE20, M0.6 to M11.6-BF | 6 | 6.00  | 3.08  | 2.73  | 2.69  |       | 2.74  | 2.88  | 2.85  |       | 0.44 | 11.05 | 17.00 | 5.95  |
| HE20, M0.1 to M11.1-BF | 8 | 15.03 | -6.13 | -6.27 | -6.18 | -6.14 | -6.16 | -6.20 | -6.16 | -6.34 | 0.44 | 3.27  | 7.97  | 4.70  |
| HE20, M0.2 to M11.2-BF | 8 | 12.02 | -1.67 | -1.22 | -1.50 | -1.41 | -1.45 | -1.35 | -1.32 | -1.43 | 0.44 | 8.05  | 10.98 | 2.93  |
| HE20, M0.3 to M11.3-BF | 8 | 10.26 | -0.59 | 0.27  | 0.54  | 0.42  | 0.41  | 0.18  | 0.37  | 0.51  | 0.44 | 9.75  | 12.74 | 2.99  |



|                        |   |      |      |      |      |      |      |      |      |      |      |       |       |       |
|------------------------|---|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| HE20, M0.4 to M11.4-BF | 8 | 9.01 | 0.59 | 0.37 | 0.32 | 0.24 | 0.31 | 0.46 | 0.27 | 0.40 | 0.44 | 9.84  | 13.99 | 4.15  |
| HE20, M0.5 to M11.5-BF | 8 | 8.04 | 0.28 | 0.39 | 0.30 | 0.47 | 0.44 | 0.26 | 0.33 | 0.47 | 0.44 | 9.84  | 14.96 | 5.12  |
| HE20, M0.6 to M11.6-BF | 8 | 7.25 | 2.78 | 2.67 | 2.64 | 3.36 | 2.78 | 3.92 | 2.84 | 2.51 | 0.44 | 12.43 | 15.75 | 3.32  |
| HE20, M0.7 to M11.7-BF | 8 | 6.58 | 2.62 | 2.63 | 2.61 | 3.05 | 2.68 | 3.60 | 2.74 | 2.33 | 0.44 | 12.27 | 16.42 | 4.15  |
| HE20, M0.8 to M11.8-BF | 8 | 6.00 | 2.59 | 2.75 | 2.62 | 2.78 | 2.84 | 2.96 | 2.72 | 2.73 | 0.44 | 12.22 | 17.00 | 4.78  |
| HE20, M0 to M11-STBC   | 2 | 6.00 | 2.71 | 2.57 |      |      |      |      |      |      | 0.44 | 6.09  | 17.00 | 10.91 |
| HE20, M0 to M11-STBC   | 3 | 6.00 | 2.84 | 2.56 | 2.84 |      |      |      |      |      | 0.44 | 7.96  | 17.00 | 9.04  |
| HE20, M0 to M11-STBC   | 4 | 6.00 | 2.93 | 2.55 | 2.64 | 2.78 |      |      |      |      | 0.44 | 9.19  | 17.00 | 7.81  |
| HE20, M0 to M11-STBC   | 6 | 6.00 | 2.64 | 2.66 | 2.47 |      | 2.85 | 2.83 | 2.82 |      | 0.44 | 10.94 | 17.00 | 6.06  |
| HE20, M0 to M11-STBC   | 8 | 6.00 | 0.56 | 1.11 | 0.49 | 0.81 | 0.82 | 0.71 | 0.86 | 0.59 | 0.44 | 10.22 | 17.00 | 6.78  |

## 5200 MHz:

| Mode                               | Tx paths | correlated antenna gain (dBi) | Tx 1 PSD (dBm/MHz) | Tx 2 PSD (dBm/MHz) | Tx 3 PSD (dBm/MHz) | Tx 4 PSD (dBm/MHz) | Tx 5 PSD (dBm/MHz) | Tx 6 PSD (dBm/MHz) | Tx 7 PSD (dBm/MHz) | Tx 8 PSD (dBm/MHz) | DCCF (dB) | Total PSD (dBm/MHz) | FCC Limit (dBm/MHz) | Margin (dB) |
|------------------------------------|----------|-------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-----------|---------------------|---------------------|-------------|
| non HT20, 6 to 54 Mbps             | 1        | 6.00                          | 3.11               |                    |                    |                    |                    |                    |                    |                    | 0.72      | 3.83                | 17.00               | 13.17       |
| non HT20, 6 to 54 Mbps             | 2        | 9.01                          | 3.32               | 3.24               |                    |                    |                    |                    |                    |                    | 0.72      | 7.01                | 13.99               | 6.98        |
| non HT20, 6 to 54 Mbps             | 3        | 10.77                         | 3.47               | 3.21               | 3.08               |                    |                    |                    |                    |                    | 0.72      | 8.75                | 12.23               | 3.48        |
| non HT20, 6 to 54 Mbps             | 4        | 12.02                         | 3.45               | 3.15               | 3.07               | 3.47               |                    |                    |                    |                    | 0.72      | 10.03               | 10.98               | 0.95        |
| non HT20, 6 to 54 Mbps             | 6        | 13.78                         | 0.53               | 0.42               | 0.59               |                    | 0.56               | 0.80               | 0.67               |                    | 0.72      | 9.10                | 9.22                | 0.12        |
| non HT20, 6 to 54 Mbps             | 8        | 15.03                         | -2.25              | -2.14              | -2.07              | -2.19              | -1.99              | -2.05              | -2.37              | -2.15              | 0.72      | 7.60                | 7.97                | 0.37        |
| non HT20, 6 to 54 Mbps-BF          | 2        | 9.01                          | 3.17               | 3.19               |                    |                    |                    |                    |                    |                    | 0.72      | 6.91                | 13.99               | 7.08        |
| non HT20, 6 to 54 Mbps-BF          | 3        | 10.77                         | 3.34               | 3.14               | 3.26               |                    |                    |                    |                    |                    | 0.72      | 8.74                | 12.23               | 3.49        |
| non HT20, 6 to 54 Mbps-BF          | 4        | 12.02                         | 3.58               | 3.01               | 3.49               | 3.54               |                    |                    |                    |                    | 0.72      | 10.15               | 10.98               | 0.83        |
| non HT20, 6 to 54 Mbps-BF          | 6        | 13.78                         | 0.37               | 0.04               | 0.29               |                    | 0.60               | 0.92               | 0.59               |                    | 0.72      | 8.98                | 9.22                | 0.24        |
| non HT20, 6 to 54 Mbps-BF          | 8        | 15.03                         | -1.74              | -2.02              | -2.03              | -1.80              | -2.05              | -2.15              | -2.23              | -2.05              | 0.72      | 7.74                | 7.97                | 0.23        |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 1        | 6.00                          | 2.99               |                    |                    |                    |                    |                    |                    |                    | 0.44      | 3.43                | 17.00               | 13.57       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 2        | 9.01                          | 2.91               | 2.72               |                    |                    |                    |                    |                    |                    | 0.44      | 6.27                | 13.99               | 7.72        |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 2        | 6.00                          | 2.67               | 2.74               |                    |                    |                    |                    |                    |                    | 0.44      | 6.16                | 17.00               | 10.84       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 3        | 10.77                         | 3.10               | 2.81               | 2.97               |                    |                    |                    |                    |                    | 0.44      | 8.17                | 12.23               | 4.06        |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 3        | 7.76                          | 2.71               | 2.16               | 2.73               |                    |                    |                    |                    |                    | 0.44      | 7.75                | 15.24               | 7.49        |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 3        | 6.00                          | 2.78               | 2.55               | 2.75               |                    |                    |                    |                    |                    | 0.44      | 7.91                | 17.00               | 9.09        |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 4        | 12.02                         | 3.02               | 3.05               | 2.65               | 3.11               |                    |                    |                    |                    | 0.44      | 9.42                | 10.98               | 1.56        |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 4        | 9.01                          | 2.55               | 2.90               | 1.82               | 2.76               |                    |                    |                    |                    | 0.44      | 8.99                | 13.99               | 5.00        |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 4        | 7.25                          | 2.94               | 2.63               | 2.77               | 2.58               |                    |                    |                    |                    | 0.44      | 9.19                | 15.75               | 6.56        |
| HT/VHT20, M24 to M31, M0.4 to M8.4 | 4        | 6.00                          | 3.03               | 2.83               | 2.72               | 2.88               |                    |                    |                    |                    | 0.44      | 9.33                | 17.00               | 7.67        |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 6        | 13.78                         | 0.61               | 0.67               | 0.67               |                    | 0.71               | 0.78               | 0.76               |                    | 0.44      | 8.92                | 9.22                | 0.30        |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 6        | 10.77                         | 2.63               | 2.32               | 2.58               |                    | 3.20               | 2.86               | 3.03               |                    | 0.44      | 11.00               | 12.23               | 1.23        |

|                                        |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|----------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| HT/VHT20, M16 to M23, M0.3 to M8.3     | 6 | 9.01  | 2.78  | 2.54  | 2.64  |       | 3.24  | 3.12  | 3.01  |       | 0.44 | 11.12 | 13.99 | 2.87  |
| HT/VHT20, M24 to M31, M0.4 to M8.4     | 6 | 7.76  | 2.78  | 2.78  | 2.54  |       | 3.46  | 2.77  | 3.49  |       | 0.44 | 11.21 | 15.24 | 4.03  |
| VHT20, M0.5 to M8.5                    | 6 | 6.79  | 2.75  | 2.18  | 2.35  |       | 3.25  | 2.75  | 3.36  |       | 0.44 | 11.02 | 16.21 | 5.19  |
| VHT20, M0.6 to M8.6                    | 6 | 6.00  | 2.78  | 2.44  | 2.82  |       | 3.33  | 2.94  | 3.17  |       | 0.44 | 11.14 | 17.00 | 5.86  |
| HT/VHT20, M0 to M7, M0.1 to M8.1       | 8 | 15.03 | -2.07 | -2.17 | -2.28 | -2.07 | -2.07 | -1.98 | -1.98 | -2.15 | 0.44 | 7.38  | 7.97  | 0.59  |
| HT/VHT20, M8 to M15, M0.2 to M8.2      | 8 | 12.02 | 1.04  | 1.21  | 1.52  | 1.35  | 1.33  | 1.27  | 1.28  | 1.40  | 0.44 | 10.77 | 10.98 | 0.21  |
| HT/VHT20, M16 to M23, M0.3 to M8.3     | 8 | 10.26 | 2.80  | 2.57  | 2.83  | 2.85  | 3.11  | 3.12  | 3.12  | 3.14  | 0.44 | 12.42 | 12.74 | 0.32  |
| HT/VHT20, M24 to M31, M0.4 to M8.4     | 8 | 9.01  | 2.90  | 2.65  | 2.91  | 2.84  | 3.41  | 2.98  | 2.98  | 3.09  | 0.44 | 12.45 | 13.99 | 1.54  |
| VHT20, M0.5 to M8.5                    | 8 | 8.04  | 2.72  | 2.70  | 2.86  | 2.85  | 2.99  | 3.25  | 3.05  | 3.35  | 0.44 | 12.45 | 14.96 | 2.51  |
| VHT20, M0.6 to M8.6                    | 8 | 7.25  | 2.91  | 2.69  | 3.03  | 2.94  | 3.29  | 2.98  | 3.27  | 3.16  | 0.44 | 12.51 | 15.75 | 3.24  |
| VHT20, M0.7 to M8.7                    | 8 | 6.58  | 2.93  | 2.67  | 2.81  | 2.71  | 3.42  | 3.14  | 3.11  | 3.17  | 0.44 | 12.47 | 16.42 | 3.95  |
| VHT20, M0.8 to M8.8                    | 8 | 6.00  | 2.72  | 2.66  | 3.13  | 2.80  | 3.60  | 3.15  | 3.15  | 3.23  | 0.44 | 12.54 | 17.00 | 4.46  |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 2 | 9.01  | 3.14  | 2.63  |       |       |       |       |       |       | 0.44 | 6.34  | 13.99 | 7.65  |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 2 | 6.00  | 2.95  | 2.74  |       |       |       |       |       |       | 0.44 | 6.30  | 17.00 | 10.70 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 3 | 10.77 | 3.12  | 2.84  | 2.90  |       |       |       |       |       | 0.44 | 8.17  | 12.23 | 4.06  |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 3 | 7.76  | 2.13  | 2.33  | 2.47  |       |       |       |       |       | 0.44 | 7.52  | 15.24 | 7.72  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 3 | 6.00  | 2.82  | 2.74  | 2.77  |       |       |       |       |       | 0.44 | 7.99  | 17.00 | 9.01  |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 4 | 12.02 | 3.06  | 2.64  | 3.19  | 3.31  |       |       |       |       | 0.44 | 9.52  | 10.98 | 1.46  |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 4 | 9.01  | 2.62  | 2.36  | 2.71  | 2.94  |       |       |       |       | 0.44 | 9.12  | 13.99 | 4.87  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 4 | 7.25  | 2.77  | 2.50  | 2.87  | 2.93  |       |       |       |       | 0.44 | 9.23  | 15.75 | 6.52  |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF  | 4 | 6.00  | 2.92  | 2.52  | 2.97  | 3.21  |       |       |       |       | 0.44 | 9.37  | 17.00 | 7.63  |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 6 | 13.78 | -0.01 | -0.25 | -0.04 |       | 0.53  | 0.37  | 0.47  |       | 0.44 | 8.41  | 9.22  | 0.81  |
| HT/VHT20, M8 to M15, M0.2 to M8.2 -BF  | 6 | 10.77 | 2.68  | 2.36  | 2.39  |       | 3.50  | 2.92  | 2.82  |       | 0.44 | 11.02 | 12.23 | 1.21  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 6 | 9.01  | 2.91  | 2.53  | 2.79  |       | 3.46  | 2.85  | 3.16  |       | 0.44 | 11.18 | 13.99 | 2.81  |
| HT/VHT20, M24 to M31, M0.4 to M8.4 -BF | 6 | 7.76  | 2.76  | 2.56  | 2.89  |       | 3.43  | 2.96  | 3.08  |       | 0.44 | 11.18 | 15.24 | 4.06  |
| VHT20, M0.5 to M8.5-BF                 | 6 | 6.79  | 2.93  | 2.29  | 2.69  |       | 3.20  | 3.11  | 3.10  |       | 0.44 | 11.12 | 16.21 | 5.09  |
| VHT20, M0.6 to M8.6-BF                 | 6 | 6.00  | 3.01  | 2.61  | 2.95  |       | 3.38  | 2.86  | 2.93  |       | 0.44 | 11.18 | 17.00 | 5.82  |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 8 | 15.03 | -2.07 | -2.35 | -1.83 | -1.96 | -1.46 | -1.78 | -1.51 | -1.78 | 0.44 | 7.64  | 7.97  | 0.33  |

|                                       |   |       |      |      |      |      |      |      |      |      |      |       |       |       |
|---------------------------------------|---|-------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 8 | 12.02 | 0.49 | 0.55 | 1.04 | 0.93 | 0.75 | 0.91 | 0.94 | 0.93 | 0.44 | 10.29 | 10.98 | 0.69  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 8 | 10.26 | 3.07 | 2.99 | 3.04 | 2.84 | 3.12 | 2.96 | 3.08 | 2.99 | 0.44 | 12.48 | 12.74 | 0.26  |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 8 | 9.01  | 2.73 | 2.69 | 3.05 | 2.71 | 3.36 | 3.06 | 3.37 | 3.01 | 0.44 | 12.48 | 13.99 | 1.51  |
| VHT20, M0.5 to M8.5-BF                | 8 | 8.04  | 2.71 | 2.85 | 3.27 | 2.50 | 3.13 | 3.07 | 3.39 | 3.28 | 0.44 | 12.51 | 14.96 | 2.45  |
| VHT20, M0.6 to M8.6-BF                | 8 | 7.25  | 2.92 | 2.87 | 3.14 | 2.67 | 3.23 | 2.96 | 3.21 | 3.19 | 0.44 | 12.50 | 15.75 | 3.25  |
| VHT20, M0.7 to M8.7-BF                | 8 | 6.58  | 2.96 | 2.89 | 2.93 | 2.85 | 3.10 | 3.08 | 3.16 | 3.16 | 0.44 | 12.49 | 16.42 | 3.93  |
| VHT20, M0.8 to M8.8-BF                | 8 | 6.00  | 2.83 | 2.51 | 3.15 | 2.63 | 3.12 | 3.11 | 3.48 | 3.20 | 0.44 | 12.49 | 17.00 | 4.51  |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 2 | 6.00  | 2.97 | 2.80 |      |      |      |      |      |      | 0.44 | 6.34  | 17.00 | 10.66 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 3 | 6.00  | 3.06 | 2.63 | 2.96 |      |      |      |      |      | 0.44 | 8.10  | 17.00 | 8.90  |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 4 | 6.00  | 3.19 | 2.90 | 3.21 | 3.37 |      |      |      |      | 0.44 | 9.63  | 17.00 | 7.37  |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 6 | 6.00  | 3.07 | 2.83 | 3.01 |      | 3.50 | 3.35 | 3.35 |      | 0.44 | 11.41 | 17.00 | 5.59  |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 8 | 6.00  | 0.78 | 0.88 | 1.26 | 1.21 | 1.55 | 1.50 | 1.42 | 1.40 | 0.44 | 10.73 | 17.00 | 6.27  |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | 3.07 |      |      |      |      |      |      |      | 0.44 | 3.51  | 17.00 | 13.49 |
| HE20, M0.1 to M11.1                   | 2 | 9.01  | 3.17 | 2.70 |      |      |      |      |      |      | 0.44 | 6.39  | 13.99 | 7.60  |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | 2.91 | 2.81 |      |      |      |      |      |      | 0.44 | 6.31  | 17.00 | 10.69 |
| HE20, M0.1 to M11.1                   | 3 | 10.77 | 2.98 | 2.69 | 3.07 |      |      |      |      |      | 0.44 | 8.13  | 12.23 | 4.10  |
| HE20, M0.2 to M11.2                   | 3 | 7.76  | 2.95 | 3.01 | 2.87 |      |      |      |      |      | 0.44 | 8.15  | 15.24 | 7.09  |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | 2.68 | 2.81 | 2.93 |      |      |      |      |      | 0.44 | 8.02  | 17.00 | 8.98  |
| HE20, M0.1 to M11.1                   | 4 | 12.02 | 2.89 | 2.88 | 3.02 | 3.25 |      |      |      |      | 0.44 | 9.47  | 10.98 | 1.51  |
| HE20, M0.2 to M11.2                   | 4 | 9.01  | 2.93 | 2.94 | 3.13 | 3.34 |      |      |      |      | 0.44 | 9.55  | 13.99 | 4.44  |
| HE20, M0.3 to M11.3                   | 4 | 7.25  | 2.90 | 2.99 | 2.92 | 3.36 |      |      |      |      | 0.44 | 9.51  | 15.75 | 6.24  |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | 3.13 | 3.03 | 2.98 | 3.32 |      |      |      |      | 0.44 | 9.58  | 17.00 | 7.42  |
| HE20, M0.1 to M11.1                   | 6 | 13.78 | 0.51 | 0.71 | 0.59 |      | 0.91 | 0.61 | 0.82 |      | 0.44 | 8.92  | 9.22  | 0.30  |
| HE20, M0.2 to M11.2                   | 6 | 10.77 | 2.85 | 3.21 | 3.22 |      | 3.81 | 3.37 | 3.11 |      | 0.44 | 11.49 | 12.23 | 0.74  |
| HE20, M0.3 to M11.3                   | 6 | 9.01  | 2.77 | 2.82 | 3.45 |      | 3.47 | 3.69 | 3.16 |      | 0.44 | 11.46 | 13.99 | 2.53  |
| HE20, M0.4 to M11.4                   | 6 | 7.76  | 2.88 | 2.90 | 3.72 |      | 3.51 | 3.92 | 3.22 |      | 0.44 | 11.60 | 15.24 | 3.64  |
| HE20, M0.5 to M11.5                   | 6 | 6.79  | 2.87 | 2.82 | 3.73 |      | 3.31 | 4.22 | 3.21 |      | 0.44 | 11.61 | 16.21 | 4.60  |
| HE20, M0.6 to M11.6                   | 6 | 6.00  | 3.09 | 2.71 | 2.84 |      | 3.42 | 3.42 | 3.32 |      | 0.44 | 11.36 | 17.00 | 5.64  |

|                        |   |              |             |             |             |             |             |             |             |             |             |              |              |             |
|------------------------|---|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|
| HE20, M0.1 to M11.1    | 8 | 15.03        | -2.35       | -2.31       | -2.26       | -2.24       | -2.25       | -2.48       | -2.27       | -2.44       | 0.44        | 7.15         | 7.97         | 0.82        |
| HE20, M0.2 to M11.2    | 8 | 12.02        | 1.57        | 1.25        | 1.19        | 1.00        | 1.45        | 1.34        | 1.41        | 1.33        | 0.44        | 10.79        | 10.98        | 0.19        |
| HE20, M0.3 to M11.3    | 8 | <b>10.26</b> | <b>3.05</b> | <b>2.72</b> | <b>2.90</b> | <b>3.28</b> | <b>3.55</b> | <b>3.66</b> | <b>3.52</b> | <b>3.34</b> | <b>0.44</b> | <b>12.73</b> | <b>12.74</b> | <b>0.01</b> |
| HE20, M0.4 to M11.4    | 8 | 9.01         | 2.73        | 2.58        | 3.28        | 3.79        | 3.58        | 4.01        | 3.78        | 3.22        | 0.44        | 12.87        | 13.99        | 1.12        |
| HE20, M0.5 to M11.5    | 8 | 8.04         | 2.93        | 2.62        | 3.12        | 3.78        | 3.26        | 4.11        | 3.42        | 3.28        | 0.44        | 12.81        | 14.96        | 2.15        |
| HE20, M0.6 to M11.6    | 8 | 7.25         | 2.77        | 2.57        | 3.21        | 4.12        | 3.33        | 4.40        | 3.55        | 3.44        | 0.44        | 12.93        | 15.75        | 2.82        |
| HE20, M0.7 to M11.7    | 8 | 6.58         | 2.96        | 2.57        | 3.03        | 3.80        | 3.31        | 4.33        | 3.57        | 3.40        | 0.44        | 12.87        | 16.42        | 3.55        |
| HE20, M0.8 to M11.8    | 8 | 6.00         | 3.00        | 2.70        | 2.98        | 3.21        | 3.34        | 3.44        | 3.23        | 3.39        | 0.44        | 12.64        | 17.00        | 4.36        |
| HE20, M0.1 to M11.1-BF | 2 | 9.01         | 2.76        | 3.05        |             |             |             |             |             |             | 0.44        | 6.36         | 13.99        | 7.63        |
| HE20, M0.2 to M11.2-BF | 2 | 6.00         | 2.86        | 2.93        |             |             |             |             |             |             | 0.44        | 6.35         | 17.00        | 10.65       |
| HE20, M0.1 to M11.1-BF | 3 | 10.77        | 2.96        | 2.77        | 3.06        |             |             |             |             |             | 0.44        | 8.14         | 12.23        | 4.09        |
| HE20, M0.2 to M11.2-BF | 3 | 7.76         | 3.09        | 2.92        | 2.86        |             |             |             |             |             | 0.44        | 8.17         | 15.24        | 7.07        |
| HE20, M0.3 to M11.3-BF | 3 | 6.00         | 3.16        | 2.84        | 2.84        |             |             |             |             |             | 0.44        | 8.16         | 17.00        | 8.84        |
| HE20, M0.1 to M11.1-BF | 4 | 12.02        | 3.27        | 2.71        | 2.93        | 3.28        |             |             |             |             | 0.44        | 9.51         | 10.98        | 1.47        |
| HE20, M0.2 to M11.2-BF | 4 | 9.01         | 2.95        | 3.00        | 3.08        | 3.32        |             |             |             |             | 0.44        | 9.55         | 13.99        | 4.44        |
| HE20, M0.3 to M11.3-BF | 4 | 7.25         | 3.23        | 3.27        | 2.74        | 3.50        |             |             |             |             | 0.44        | 9.65         | 15.75        | 6.10        |
| HE20, M0.4 to M11.4-BF | 4 | 6.00         | 3.05        | 2.91        | 2.94        | 3.45        |             |             |             |             | 0.44        | 9.55         | 17.00        | 7.45        |
| HE20, M0.1 to M11.1-BF | 6 | 13.78        | 0.00        | -0.19       | -0.14       |             | 0.47        | 0.54        | 0.55        |             | 0.44        | 8.44         | 9.22         | 0.78        |
| HE20, M0.2 to M11.2-BF | 6 | 10.77        | 2.88        | 2.86        | 3.26        |             | 3.65        | 3.54        | 3.30        |             | 0.44        | 11.48        | 12.23        | 0.75        |
| HE20, M0.3 to M11.3-BF | 6 | 9.01         | 3.11        | 2.90        | 3.23        |             | 3.48        | 3.28        | 3.35        |             | 0.44        | 11.45        | 13.99        | 2.54        |
| HE20, M0.4 to M11.4-BF | 6 | 7.76         | 2.83        | 2.90        | 3.52        |             | 3.62        | 4.05        | 3.24        |             | 0.44        | 11.60        | 15.24        | 3.64        |
| HE20, M0.5 to M11.5-BF | 6 | 6.79         | 2.74        | 2.74        | 3.65        |             | 3.18        | 4.24        | 3.30        |             | 0.44        | 11.56        | 16.21        | 4.65        |
| HE20, M0.6 to M11.6-BF | 6 | 6.00         | 3.19        | 3.00        | 2.85        |             | 3.39        | 3.35        | 3.29        |             | 0.44        | 11.40        | 17.00        | 5.60        |
| HE20, M0.1 to M11.1-BF | 8 | 15.03        | -2.20       | -2.63       | -2.05       | -2.08       | -1.72       | -1.94       | -1.54       | -1.47       | 0.44        | 7.53         | 7.97         | 0.44        |
| HE20, M0.2 to M11.2-BF | 8 | 12.02        | 0.75        | 0.78        | 1.25        | 1.23        | 1.55        | 1.40        | 1.26        | 1.06        | 0.44        | 10.64        | 10.98        | 0.34        |
| HE20, M0.3 to M11.3-BF | 8 | 10.26        | 2.68        | 2.82        | 3.22        | 3.37        | 3.29        | 3.46        | 3.60        | 3.38        | 0.44        | 12.71        | 12.74        | 0.03        |
| HE20, M0.4 to M11.4-BF | 8 | 9.01         | 2.74        | 2.52        | 3.39        | 4.01        | 3.42        | 3.96        | 3.72        | 3.44        | 0.44        | 12.90        | 13.99        | 1.09        |
| HE20, M0.5 to M11.5-BF | 8 | 8.04         | 2.83        | 2.76        | 3.14        | 3.73        | 3.37        | 4.10        | 3.74        | 3.19        | 0.44        | 12.85        | 14.96        | 2.11        |

|                        |   |      |      |      |      |      |      |      |      |      |      |       |       |       |
|------------------------|---|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| HE20, M0.6 to M11.6-BF | 8 | 7.25 | 2.83 | 2.82 | 2.98 | 4.07 | 3.41 | 4.12 | 3.54 | 3.18 | 0.44 | 12.87 | 15.75 | 2.88  |
| HE20, M0.7 to M11.7-BF | 8 | 6.58 | 2.96 | 2.61 | 2.88 | 3.63 | 3.45 | 3.91 | 3.37 | 3.34 | 0.44 | 12.76 | 16.42 | 3.66  |
| HE20, M0.8 to M11.8-BF | 8 | 6.00 | 2.73 | 2.86 | 2.91 | 3.32 | 3.51 | 3.47 | 3.68 | 3.46 | 0.44 | 12.73 | 17.00 | 4.27  |
| HE20, M0 to M11-STBC   | 2 | 6.00 | 3.06 | 2.88 |      |      |      |      |      |      | 0.44 | 6.42  | 17.00 | 10.58 |
| HE20, M0 to M11-STBC   | 3 | 6.00 | 3.07 | 2.95 | 2.93 |      |      |      |      |      | 0.44 | 8.19  | 17.00 | 8.81  |
| HE20, M0 to M11-STBC   | 4 | 6.00 | 2.88 | 2.68 | 2.99 | 3.29 |      |      |      |      | 0.44 | 9.43  | 17.00 | 7.57  |
| HE20, M0 to M11-STBC   | 6 | 6.00 | 3.21 | 3.11 | 3.03 |      | 3.36 | 3.27 | 3.48 |      | 0.44 | 11.47 | 17.00 | 5.53  |
| HE20, M0 to M11-STBC   | 8 | 6.00 | 1.27 | 0.89 | 1.03 | 1.16 | 1.51 | 1.39 | 1.17 | 1.52 | 0.44 | 10.72 | 17.00 | 6.28  |

## 5240 MHz:

| Mode                               | Tx paths | correlated antenna gain (dBi) | Tx 1 PSD (dBm/MHz) | Tx 2 PSD (dBm/MHz) | Tx 3 PSD (dBm/MHz) | Tx 4 PSD (dBm/MHz) | Tx 5 PSD (dBm/MHz) | Tx 6 PSD (dBm/MHz) | Tx 7 PSD (dBm/MHz) | Tx 8 PSD (dBm/MHz) | DCCF (dB) | Total PSD (dBm/MHz) | FCC Limit (dBm/MHz) | Margin (dB) |
|------------------------------------|----------|-------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-----------|---------------------|---------------------|-------------|
| non HT20, 6 to 54 Mbps             | 1        | 6.00                          | 2.69               |                    |                    |                    |                    |                    |                    |                    | 0.72      | 3.41                | 17.00               | 13.59       |
| non HT20, 6 to 54 Mbps             | 2        | 9.01                          | 2.76               | 2.76               |                    |                    |                    |                    |                    |                    | 0.72      | 6.49                | 13.99               | 7.50        |
| non HT20, 6 to 54 Mbps             | 3        | 10.77                         | 2.71               | 2.72               | 2.71               |                    |                    |                    |                    |                    | 0.72      | 8.20                | 12.23               | 4.03        |
| non HT20, 6 to 54 Mbps             | 4        | 12.02                         | 2.79               | 2.67               | 2.61               | 2.71               |                    |                    |                    |                    | 0.72      | 9.44                | 10.98               | 1.54        |
| non HT20, 6 to 54 Mbps             | 6        | 13.78                         | 0.36               | 0.32               | 0.51               |                    | 0.48               | 0.29               | 0.53               |                    | 0.72      | 8.92                | 9.22                | 0.30        |
| non HT20, 6 to 54 Mbps             | 8        | 15.03                         | -2.24              | -2.18              | -2.27              | -1.96              | -2.07              | -2.30              | -2.25              | -2.24              | 0.72      | 7.56                | 7.97                | 0.41        |
| non HT20, 6 to 54 Mbps-BF          | 2        | 9.01                          | 2.98               | 2.54               |                    |                    |                    |                    |                    |                    | 0.72      | 6.50                | 13.99               | 7.49        |
| non HT20, 6 to 54 Mbps-BF          | 3        | 10.77                         | 2.83               | 2.67               | 2.88               |                    |                    |                    |                    |                    | 0.72      | 8.29                | 12.23               | 3.94        |
| non HT20, 6 to 54 Mbps-BF          | 4        | 12.02                         | 2.87               | 3.05               | 2.69               | 2.87               |                    |                    |                    |                    | 0.72      | 9.61                | 10.98               | 1.37        |
| non HT20, 6 to 54 Mbps-BF          | 6        | 13.78                         | -0.39              | -0.25              | -0.29              |                    | 0.05               | -0.14              | 0.14               |                    | 0.72      | 8.36                | 9.22                | 0.86        |
| non HT20, 6 to 54 Mbps-BF          | 8        | 15.03                         | -2.09              | -2.30              | -2.17              | -2.11              | -1.90              | -1.81              | -2.04              | -2.05              | 0.72      | 7.69                | 7.97                | 0.28        |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 1        | 6.00                          | 2.33               |                    |                    |                    |                    |                    |                    |                    | 0.44      | 2.77                | 17.00               | 14.23       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 2        | 9.01                          | 2.47               | 2.29               |                    |                    |                    |                    |                    |                    | 0.44      | 5.83                | 13.99               | 8.16        |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 2        | 6.00                          | 1.56               | 1.54               |                    |                    |                    |                    |                    |                    | 0.44      | 5.00                | 17.00               | 12.00       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 3        | 10.77                         | 2.48               | 2.48               | 2.56               |                    |                    |                    |                    |                    | 0.44      | 7.72                | 12.23               | 4.51        |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 3        | 7.76                          | 2.16               | 1.83               | 1.64               |                    |                    |                    |                    |                    | 0.44      | 7.09                | 15.24               | 8.15        |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 3        | 6.00                          | 2.22               | 2.21               | 2.45               |                    |                    |                    |                    |                    | 0.44      | 7.51                | 17.00               | 9.49        |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 4        | 12.02                         | 2.38               | 2.41               | 2.61               | 2.51               |                    |                    |                    |                    | 0.44      | 8.94                | 10.98               | 2.04        |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 4        | 9.01                          | 1.11               | 1.87               | 1.77               | 2.35               |                    |                    |                    |                    | 0.44      | 8.26                | 13.99               | 5.73        |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 4        | 7.25                          | 2.17               | 2.28               | 2.50               | 2.49               |                    |                    |                    |                    | 0.44      | 8.82                | 15.75               | 6.93        |
| HT/VHT20, M24 to M31, M0.4 to M8.4 | 4        | 6.00                          | 2.18               | 2.38               | 2.52               | 2.27               |                    |                    |                    |                    | 0.44      | 8.80                | 17.00               | 8.20        |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 6        | 13.78                         | 0.48               | 0.45               | 0.55               |                    | 0.65               | 0.60               | 0.49               |                    | 0.44      | 8.76                | 9.22                | 0.46        |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 6        | 10.77                         | 2.00               | 2.34               | 1.67               |                    | 2.51               | 1.94               | 2.46               |                    | 0.44      | 10.39               | 12.23               | 1.84        |

|                                        |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|----------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| HT/VHT20, M16 to M23, M0.3 to M8.3     | 6 | 9.01  | 2.32  | 2.17  | 2.46  |       | 2.42  | 2.55  | 2.52  |       | 0.44 | 10.63 | 13.99 | 3.36  |
| HT/VHT20, M24 to M31, M0.4 to M8.4     | 6 | 7.76  | 2.34  | 2.28  | 2.23  |       | 2.50  | 2.84  | 2.77  |       | 0.44 | 10.72 | 15.24 | 4.52  |
| VHT20, M0.5 to M8.5                    | 6 | 6.79  | 2.28  | 2.22  | 1.83  |       | 2.13  | 2.32  | 2.46  |       | 0.44 | 10.43 | 16.21 | 5.78  |
| VHT20, M0.6 to M8.6                    | 6 | 6.00  | 2.12  | 2.21  | 2.45  |       | 2.41  | 2.60  | 2.32  |       | 0.44 | 10.58 | 17.00 | 6.42  |
| HT/VHT20, M0 to M7, M0.1 to M8.1       | 8 | 15.03 | -2.21 | -2.05 | -2.01 | -2.20 | -2.12 | -2.36 | -2.27 | -2.10 | 0.44 | 7.31  | 7.97  | 0.66  |
| HT/VHT20, M8 to M15, M0.2 to M8.2      | 8 | 12.02 | 1.21  | 1.35  | 1.63  | 1.52  | 1.51  | 1.27  | 1.23  | 1.25  | 0.44 | 10.84 | 10.98 | 0.14  |
| HT/VHT20, M16 to M23, M0.3 to M8.3     | 8 | 10.26 | 2.13  | 2.10  | 2.20  | 2.19  | 2.47  | 2.75  | 2.72  | 2.61  | 0.44 | 11.87 | 12.74 | 0.87  |
| HT/VHT20, M24 to M31, M0.4 to M8.4     | 8 | 9.01  | 2.10  | 2.48  | 2.33  | 2.44  | 2.48  | 2.82  | 2.70  | 2.57  | 0.44 | 11.97 | 13.99 | 2.02  |
| VHT20, M0.5 to M8.5                    | 8 | 8.04  | 1.94  | 2.38  | 2.24  | 2.28  | 2.32  | 2.46  | 2.45  | 2.52  | 0.44 | 11.80 | 14.96 | 3.16  |
| VHT20, M0.6 to M8.6                    | 8 | 7.25  | 2.34  | 2.06  | 2.49  | 2.32  | 2.50  | 2.73  | 2.47  | 2.77  | 0.44 | 11.94 | 15.75 | 3.81  |
| VHT20, M0.7 to M8.7                    | 8 | 6.58  | 2.42  | 2.19  | 2.26  | 2.41  | 2.29  | 2.69  | 2.72  | 2.69  | 0.44 | 11.93 | 16.42 | 4.49  |
| VHT20, M0.8 to M8.8                    | 8 | 6.00  | 2.10  | 2.22  | 2.48  | 2.52  | 2.52  | 2.91  | 2.81  | 2.85  | 0.44 | 12.03 | 17.00 | 4.97  |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 2 | 9.01  | 2.46  | 2.17  |       |       |       |       |       |       | 0.44 | 5.77  | 13.99 | 8.22  |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 2 | 6.00  | 2.52  | 1.96  |       |       |       |       |       |       | 0.44 | 5.70  | 17.00 | 11.30 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 3 | 10.77 | 2.18  | 2.50  | 2.45  |       |       |       |       |       | 0.44 | 7.59  | 12.23 | 4.64  |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 3 | 7.76  | 2.35  | 1.58  | 2.12  |       |       |       |       |       | 0.44 | 7.24  | 15.24 | 8.00  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 3 | 6.00  | 2.32  | 2.19  | 2.23  |       |       |       |       |       | 0.44 | 7.46  | 17.00 | 9.54  |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 4 | 12.02 | 2.62  | 2.60  | 2.42  | 2.48  |       |       |       |       | 0.44 | 8.99  | 10.98 | 1.99  |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 4 | 9.01  | 2.02  | 2.07  | 1.51  | 1.96  |       |       |       |       | 0.44 | 8.36  | 13.99 | 5.63  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 4 | 7.25  | 2.38  | 2.28  | 2.31  | 2.33  |       |       |       |       | 0.44 | 8.79  | 15.75 | 6.96  |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF  | 4 | 6.00  | 2.46  | 2.11  | 2.24  | 2.50  |       |       |       |       | 0.44 | 8.79  | 17.00 | 8.21  |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 6 | 13.78 | -0.58 | -0.76 | -0.09 |       | -0.48 | -0.10 | -0.31 |       | 0.44 | 7.84  | 9.22  | 1.38  |
| HT/VHT20, M8 to M15, M0.2 to M8.2 -BF  | 6 | 10.77 | 2.20  | 1.98  | 1.46  |       | 2.48  | 2.42  | 2.67  |       | 0.44 | 10.44 | 12.23 | 1.79  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 6 | 9.01  | 2.16  | 2.31  | 2.12  |       | 2.46  | 2.42  | 2.76  |       | 0.44 | 10.60 | 13.99 | 3.39  |
| HT/VHT20, M24 to M31, M0.4 to M8.4 -BF | 6 | 7.76  | 2.31  | 2.20  | 2.22  |       | 2.51  | 2.58  | 2.65  |       | 0.44 | 10.64 | 15.24 | 4.60  |
| VHT20, M0.5 to M8.5-BF                 | 6 | 6.79  | 1.99  | 1.98  | 2.16  |       | 2.50  | 2.67  | 2.58  |       | 0.44 | 10.54 | 16.21 | 5.67  |
| VHT20, M0.6 to M8.6-BF                 | 6 | 6.00  | 2.23  | 2.09  | 2.47  |       | 2.46  | 2.54  | 2.67  |       | 0.44 | 10.64 | 17.00 | 6.36  |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 8 | 15.03 | -2.75 | -2.53 | -2.29 | -2.41 | -2.32 | -2.15 | -2.23 | -2.20 | 0.44 | 7.11  | 7.97  | 0.86  |



|                                       |   |       |       |       |      |      |      |      |       |      |      |       |       |       |
|---------------------------------------|---|-------|-------|-------|------|------|------|------|-------|------|------|-------|-------|-------|
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 8 | 12.02 | -0.10 | -0.01 | 0.02 | 0.04 | 0.64 | 0.74 | -0.40 | 0.23 | 0.44 | 9.63  | 10.98 | 1.35  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 8 | 10.26 | 2.26  | 2.20  | 2.36 | 2.30 | 2.23 | 2.57 | 2.97  | 2.78 | 0.44 | 11.94 | 12.74 | 0.80  |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 8 | 9.01  | 2.42  | 2.25  | 2.11 | 2.25 | 2.21 | 2.68 | 2.84  | 2.84 | 0.44 | 11.93 | 13.99 | 2.06  |
| VHT20, M0.5 to M8.5-BF                | 8 | 8.04  | 1.99  | 2.00  | 2.15 | 2.01 | 2.76 | 2.58 | 2.74  | 2.98 | 0.44 | 11.89 | 14.96 | 3.07  |
| VHT20, M0.6 to M8.6-BF                | 8 | 7.25  | 2.10  | 2.13  | 2.19 | 2.28 | 2.71 | 2.47 | 2.56  | 2.85 | 0.44 | 11.89 | 15.75 | 3.86  |
| VHT20, M0.7 to M8.7-BF                | 8 | 6.58  | 2.06  | 2.20  | 2.26 | 2.18 | 2.49 | 2.73 | 2.49  | 2.91 | 0.44 | 11.89 | 16.42 | 4.53  |
| VHT20, M0.8 to M8.8-BF                | 8 | 6.00  | 2.46  | 2.22  | 2.46 | 2.27 | 2.72 | 2.80 | 2.54  | 3.00 | 0.44 | 12.04 | 17.00 | 4.96  |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 2 | 6.00  | 2.40  | 2.47  |      |      |      |      |       |      | 0.44 | 5.89  | 17.00 | 11.11 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 3 | 6.00  | 2.64  | 2.34  | 2.50 |      |      |      |       |      | 0.44 | 7.71  | 17.00 | 9.29  |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 4 | 6.00  | 2.48  | 2.44  | 2.54 | 2.66 |      |      |       |      | 0.44 | 8.99  | 17.00 | 8.01  |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 6 | 6.00  | 2.31  | 2.37  | 2.65 |      | 2.85 | 3.01 | 2.82  |      | 0.44 | 10.90 | 17.00 | 6.10  |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 8 | 6.00  | 0.39  | 0.52  | 0.57 | 0.62 | 0.66 | 0.71 | 0.70  | 0.97 | 0.44 | 10.12 | 17.00 | 6.88  |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | 2.37  |       |      |      |      |      |       |      | 0.44 | 2.81  | 17.00 | 14.19 |
| HE20, M0.1 to M11.1                   | 2 | 9.01  | 2.53  | 2.32  |      |      |      |      |       |      | 0.44 | 5.88  | 13.99 | 8.11  |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | 2.39  | 2.36  |      |      |      |      |       |      | 0.44 | 5.83  | 17.00 | 11.17 |
| HE20, M0.1 to M11.1                   | 3 | 10.77 | 2.33  | 2.40  | 2.30 |      |      |      |       |      | 0.44 | 7.55  | 12.23 | 4.68  |
| HE20, M0.2 to M11.2                   | 3 | 7.76  | 2.34  | 2.74  | 2.40 |      |      |      |       |      | 0.44 | 7.71  | 15.24 | 7.53  |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | 2.27  | 2.35  | 2.55 |      |      |      |       |      | 0.44 | 7.60  | 17.00 | 9.40  |
| HE20, M0.1 to M11.1                   | 4 | 12.02 | 2.48  | 2.33  | 2.43 | 2.51 |      |      |       |      | 0.44 | 8.90  | 10.98 | 2.08  |
| HE20, M0.2 to M11.2                   | 4 | 9.01  | 2.42  | 2.26  | 2.35 | 2.62 |      |      |       |      | 0.44 | 8.88  | 13.99 | 5.11  |
| HE20, M0.3 to M11.3                   | 4 | 7.25  | 2.19  | 2.78  | 2.51 | 2.82 |      |      |       |      | 0.44 | 9.04  | 15.75 | 6.71  |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | 2.47  | 2.48  | 2.58 | 2.45 |      |      |       |      | 0.44 | 8.96  | 17.00 | 8.04  |
| HE20, M0.1 to M11.1                   | 6 | 13.78 | 0.53  | 0.64  | 0.58 |      | 0.60 | 0.56 | 0.60  |      | 0.44 | 8.81  | 9.22  | 0.41  |
| HE20, M0.2 to M11.2                   | 6 | 10.77 | 2.28  | 2.52  | 2.36 |      | 3.04 | 3.02 | 2.88  |      | 0.44 | 10.92 | 12.23 | 1.31  |
| HE20, M0.3 to M11.3                   | 6 | 9.01  | 2.17  | 2.44  | 2.85 |      | 2.65 | 3.03 | 2.83  |      | 0.44 | 10.89 | 13.99 | 3.10  |
| HE20, M0.4 to M11.4                   | 6 | 7.76  | 2.37  | 2.43  | 2.90 |      | 2.73 | 3.45 | 2.72  |      | 0.44 | 11.00 | 15.24 | 4.24  |
| HE20, M0.5 to M11.5                   | 6 | 6.79  | 2.24  | 2.44  | 3.21 |      | 2.92 | 3.39 | 2.72  |      | 0.44 | 11.06 | 16.21 | 5.15  |
| HE20, M0.6 to M11.6                   | 6 | 6.00  | 2.35  | 2.58  | 2.37 |      | 2.70 | 2.78 | 2.63  |      | 0.44 | 10.79 | 17.00 | 6.21  |

|                        |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| HE20, M0.1 to M11.1    | 8 | 15.03 | -1.54 | -1.69 | -1.61 | -1.39 | -1.49 | -1.66 | -1.57 | -1.50 | 0.44 | 7.92  | 7.97  | 0.05  |
| HE20, M0.2 to M11.2    | 8 | 12.02 | 1.48  | 1.37  | 1.57  | 1.51  | 1.48  | 1.52  | 1.28  | 1.39  | 0.44 | 10.92 | 10.98 | 0.06  |
| HE20, M0.3 to M11.3    | 8 | 10.26 | 2.38  | 2.31  | 2.75  | 2.84  | 2.93  | 3.07  | 2.86  | 2.80  | 0.44 | 12.22 | 12.74 | 0.52  |
| HE20, M0.4 to M11.4    | 8 | 9.01  | 2.35  | 2.23  | 2.66  | 3.25  | 2.82  | 3.33  | 3.01  | 2.88  | 0.44 | 12.30 | 13.99 | 1.69  |
| HE20, M0.5 to M11.5    | 8 | 8.04  | 2.22  | 2.21  | 2.40  | 3.25  | 2.70  | 3.51  | 3.08  | 2.81  | 0.44 | 12.27 | 14.96 | 2.69  |
| HE20, M0.6 to M11.6    | 8 | 7.25  | 2.41  | 2.27  | 2.32  | 3.49  | 2.87  | 3.54  | 2.92  | 2.71  | 0.44 | 12.31 | 15.75 | 3.44  |
| HE20, M0.7 to M11.7    | 8 | 6.58  | 2.57  | 2.11  | 2.50  | 3.17  | 2.52  | 3.08  | 2.69  | 2.87  | 0.44 | 12.17 | 16.42 | 4.25  |
| HE20, M0.8 to M11.8    | 8 | 6.00  | 2.30  | 2.25  | 2.45  | 2.33  | 2.76  | 2.68  | 2.82  | 2.84  | 0.44 | 12.03 | 17.00 | 4.97  |
| HE20, M0.1 to M11.1-BF | 2 | 9.01  | 2.32  | 2.50  |       |       |       |       |       |       | 0.44 | 5.86  | 13.99 | 8.13  |
| HE20, M0.2 to M11.2-BF | 2 | 6.00  | 2.60  | 2.37  |       |       |       |       |       |       | 0.44 | 5.94  | 17.00 | 11.06 |
| HE20, M0.1 to M11.1-BF | 3 | 10.77 | 2.71  | 2.51  | 2.57  |       |       |       |       |       | 0.44 | 7.81  | 12.23 | 4.42  |
| HE20, M0.2 to M11.2-BF | 3 | 7.76  | 2.49  | 2.43  | 2.66  |       |       |       |       |       | 0.44 | 7.74  | 15.24 | 7.50  |
| HE20, M0.3 to M11.3-BF | 3 | 6.00  | 2.56  | 2.47  | 2.50  |       |       |       |       |       | 0.44 | 7.72  | 17.00 | 9.28  |
| HE20, M0.1 to M11.1-BF | 4 | 12.02 | 2.32  | 2.37  | 2.71  | 2.52  |       |       |       |       | 0.44 | 8.94  | 10.98 | 2.04  |
| HE20, M0.2 to M11.2-BF | 4 | 9.01  | 2.38  | 2.31  | 2.60  | 2.43  |       |       |       |       | 0.44 | 8.89  | 13.99 | 5.10  |
| HE20, M0.3 to M11.3-BF | 4 | 7.25  | 2.32  | 2.63  | 2.91  | 2.53  |       |       |       |       | 0.44 | 9.06  | 15.75 | 6.69  |
| HE20, M0.4 to M11.4-BF | 4 | 6.00  | 2.32  | 2.59  | 2.41  | 2.55  |       |       |       |       | 0.44 | 8.93  | 17.00 | 8.07  |
| HE20, M0.1 to M11.1-BF | 6 | 13.78 | -0.48 | -0.52 | -0.16 |       | -0.18 | -0.23 | -0.44 |       | 0.44 | 7.89  | 9.22  | 1.33  |
| HE20, M0.2 to M11.2-BF | 6 | 10.77 | 2.31  | 2.46  | 2.61  |       | 2.84  | 2.81  | 2.91  |       | 0.44 | 10.88 | 12.23 | 1.35  |
| HE20, M0.3 to M11.3-BF | 6 | 9.01  | 2.39  | 2.65  | 2.66  |       | 2.63  | 3.04  | 2.56  |       | 0.44 | 10.88 | 13.99 | 3.11  |
| HE20, M0.4 to M11.4-BF | 6 | 7.76  | 2.37  | 2.09  | 2.96  |       | 3.05  | 3.25  | 2.70  |       | 0.44 | 10.98 | 15.24 | 4.26  |
| HE20, M0.5 to M11.5-BF | 6 | 6.79  | 2.43  | 2.39  | 3.36  |       | 2.52  | 3.48  | 2.55  |       | 0.44 | 11.03 | 16.21 | 5.18  |
| HE20, M0.6 to M11.6-BF | 6 | 6.00  | 2.50  | 2.60  | 2.57  |       | 2.77  | 2.58  | 2.97  |       | 0.44 | 10.89 | 17.00 | 6.11  |
| HE20, M0.1 to M11.1-BF | 8 | 15.03 | -2.47 | -2.58 | -2.30 | -2.41 | -2.43 | -2.45 | -2.43 | -2.24 | 0.44 | 7.06  | 7.97  | 0.91  |
| HE20, M0.2 to M11.2-BF | 8 | 12.02 | 0.52  | 0.31  | 0.59  | 0.92  | 0.79  | 1.07  | 0.48  | 0.82  | 0.44 | 10.16 | 10.98 | 0.82  |
| HE20, M0.3 to M11.3-BF | 8 | 10.26 | 2.37  | 2.57  | 2.67  | 2.84  | 2.68  | 3.35  | 2.84  | 2.88  | 0.44 | 12.25 | 12.74 | 0.49  |
| HE20, M0.4 to M11.4-BF | 8 | 9.01  | 2.41  | 2.44  | 2.87  | 3.11  | 2.83  | 2.95  | 3.31  | 2.89  | 0.44 | 12.33 | 13.99 | 1.66  |
| HE20, M0.5 to M11.5-BF | 8 | 8.04  | 2.47  | 2.37  | 2.66  | 3.19  | 2.69  | 3.50  | 2.93  | 2.77  | 0.44 | 12.31 | 14.96 | 2.65  |

|                        |   |      |      |      |      |      |      |      |      |      |      |       |       |       |
|------------------------|---|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| HE20, M0.6 to M11.6-BF | 8 | 7.25 | 2.60 | 2.49 | 2.56 | 3.13 | 2.61 | 3.73 | 2.87 | 2.74 | 0.44 | 12.33 | 15.75 | 3.42  |
| HE20, M0.7 to M11.7-BF | 8 | 6.58 | 2.35 | 2.45 | 2.42 | 3.18 | 2.33 | 3.12 | 2.83 | 2.82 | 0.44 | 12.17 | 16.42 | 4.25  |
| HE20, M0.8 to M11.8-BF | 8 | 6.00 | 2.48 | 2.47 | 2.53 | 2.46 | 2.65 | 2.70 | 2.78 | 2.70 | 0.44 | 12.07 | 17.00 | 4.93  |
| HE20, M0 to M11-STBC   | 2 | 6.00 | 2.26 | 2.29 |      |      |      |      |      |      | 0.44 | 5.73  | 17.00 | 11.27 |
| HE20, M0 to M11-STBC   | 3 | 6.00 | 2.45 | 2.55 | 2.36 |      |      |      |      |      | 0.44 | 7.67  | 17.00 | 9.33  |
| HE20, M0 to M11-STBC   | 4 | 6.00 | 2.52 | 2.61 | 2.50 | 2.58 |      |      |      |      | 0.44 | 9.01  | 17.00 | 7.99  |
| HE20, M0 to M11-STBC   | 6 | 6.00 | 2.54 | 2.06 | 2.35 |      | 2.53 | 2.70 | 3.09 |      | 0.44 | 10.78 | 17.00 | 6.22  |
| HE20, M0 to M11-STBC   | 8 | 6.00 | 0.49 | 0.63 | 0.68 | 0.65 | 0.58 | 0.75 | 0.57 | 0.71 | 0.44 | 10.10 | 17.00 | 6.90  |

## 5190 MHz:

| Mode                               | Tx paths | correlated antenna gain (dBi) | Tx 1 PSD (dBm/MHz) | Tx 2 PSD (dBm/MHz) | Tx 3 PSD (dBm/MHz) | Tx 4 PSD (dBm/MHz) | Tx 5 PSD (dBm/MHz) | Tx 6 PSD (dBm/MHz) | Tx 7 PSD (dBm/MHz) | Tx 8 PSD (dBm/MHz) | DCCF (dB) | Total PSD (dBm/MHz) | FCC Limit (dBm/MHz) | Margin (dB) |
|------------------------------------|----------|-------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-----------|---------------------|---------------------|-------------|
| non HT40, 6 to 54 Mbps             | 1        | 6.00                          | 0.10               |                    |                    |                    |                    |                    |                    |                    | 0.72      | 0.82                | 17.00               | 16.18       |
| non HT40, 6 to 54 Mbps             | 2        | 9.01                          | -1.16              | -1.50              |                    |                    |                    |                    |                    |                    | 0.72      | 2.40                | 13.99               | 11.59       |
| non HT40, 6 to 54 Mbps             | 3        | 10.77                         | -2.23              | -2.46              | -2.42              |                    |                    |                    |                    |                    | 0.72      | 3.12                | 12.23               | 9.11        |
| non HT40, 6 to 54 Mbps             | 4        | 12.02                         | -1.16              | -1.35              | -1.15              | -1.09              |                    |                    |                    |                    | 0.72      | 5.55                | 10.98               | 5.43        |
| non HT40, 6 to 54 Mbps             | 6        | 13.78                         | -3.57              | -3.32              | -3.48              |                    | -2.77              | -2.64              | -2.57              |                    | 0.72      | 5.46                | 9.22                | 3.76        |
| non HT40, 6 to 54 Mbps             | 8        | 15.03                         | -4.17              | -4.09              | -4.41              | -3.97              | -3.56              | -3.30              | -3.81              | -3.67              | 0.72      | 5.89                | 7.97                | 2.08        |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 1        | 6.00                          | -1.83              |                    |                    |                    |                    |                    |                    |                    | 0.54      | -1.29               | 17.00               | 18.29       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 2        | 9.01                          | -2.07              | -1.55              |                    |                    |                    |                    |                    |                    | 0.54      | 1.75                | 13.99               | 12.24       |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 2        | 6.00                          | -1.67              | -1.54              |                    |                    |                    |                    |                    |                    | 0.54      | 1.95                | 17.00               | 15.05       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 3        | 10.77                         | -1.74              | -1.62              | -1.51              |                    |                    |                    |                    |                    | 0.54      | 3.69                | 12.23               | 8.54        |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 3        | 7.76                          | -1.32              | -1.52              | -1.46              |                    |                    |                    |                    |                    | 0.54      | 3.88                | 15.24               | 11.36       |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 3        | 6.00                          | -1.52              | -1.71              | -1.58              |                    |                    |                    |                    |                    | 0.54      | 3.71                | 17.00               | 13.29       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 4        | 12.02                         | -2.74              | -2.65              | -2.48              | -2.21              |                    |                    |                    |                    | 0.54      | 4.05                | 10.98               | 6.93        |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 4        | 9.01                          | -2.75              | -2.58              | -2.61              | -2.08              |                    |                    |                    |                    | 0.54      | 4.06                | 13.99               | 9.93        |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 4        | 7.25                          | -2.63              | -2.46              | -2.57              | -2.18              |                    |                    |                    |                    | 0.54      | 4.10                | 15.75               | 11.65       |
| HT/VHT40, M24 to M31, M0.4 to M9.4 | 4        | 6.00                          | -2.76              | -2.49              | -2.81              | -2.42              |                    |                    |                    |                    | 0.54      | 3.94                | 17.00               | 13.06       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 6        | 13.78                         | -3.82              | -3.71              | -4.00              |                    | -3.33              | -2.85              | -2.78              |                    | 0.54      | 4.93                | 9.22                | 4.29        |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 6        | 10.77                         | -3.58              | -3.50              | -3.62              |                    | -2.89              | -2.97              | -2.64              |                    | 0.54      | 5.14                | 12.23               | 7.09        |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 6        | 9.01                          | -3.54              | -3.72              | -3.38              |                    | -2.95              | -2.66              | -2.87              |                    | 0.54      | 5.15                | 13.99               | 8.84        |
| HT/VHT40, M24 to M31, M0.4 to M9.4 | 6        | 7.76                          | -3.75              | -3.55              | -3.64              |                    | -2.61              | -2.85              | -3.12              |                    | 0.54      | 5.09                | 15.24               | 10.15       |
| VHT40, M0.5 to M9.5                | 6        | 6.79                          | -3.27              | -3.23              | -3.43              |                    | -2.73              | -2.54              | -2.70              |                    | 0.54      | 5.35                | 16.21               | 10.86       |
| VHT40, M0.6 to M9.6                | 6        | 6.00                          | -3.73              | -3.73              | -3.76              |                    | -3.09              | -2.96              | -3.09              |                    | 0.54      | 4.94                | 17.00               | 12.06       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 8        | 15.03                         | -4.37              | -4.81              | -4.72              | -4.74              | -3.95              | -3.89              | -4.16              | -4.16              | 0.54      | 5.23                | 7.97                | 2.74        |

|                                       |   |       |        |        |        |        |        |        |        |        |      |       |       |       |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|------|-------|-------|-------|
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 8 | 12.02 | -4.64  | -4.48  | -4.24  | -4.32  | -4.20  | -3.70  | -3.83  | -3.97  | 0.54 | 5.41  | 10.98 | 5.57  |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 8 | 10.26 | -4.64  | -4.53  | -4.17  | -4.05  | -4.05  | -3.56  | -3.44  | -3.85  | 0.54 | 5.55  | 12.74 | 7.19  |
| HT/VHT40, M24 to M31, M0.4 to M9.4    | 8 | 9.01  | -4.65  | -4.61  | -4.55  | -4.34  | -3.98  | -3.41  | -3.49  | -3.74  | 0.54 | 5.50  | 13.99 | 8.49  |
| VHT40, M0.5 to M9.5                   | 8 | 8.04  | -4.42  | -4.39  | -4.04  | -4.05  | -3.53  | -3.52  | -3.44  | -3.66  | 0.54 | 5.71  | 14.96 | 9.25  |
| VHT40, M0.6 to M9.6                   | 8 | 7.25  | -4.72  | -4.91  | -4.82  | -4.51  | -4.02  | -4.03  | -4.12  | -4.29  | 0.54 | 5.16  | 15.75 | 10.59 |
| VHT40, M0.7 to M9.7                   | 8 | 6.58  | -4.25  | -4.11  | -4.32  | -3.87  | -3.74  | -2.95  | -3.41  | -3.44  | 0.54 | 5.83  | 16.42 | 10.59 |
| VHT40, M0.8 to M9.8                   | 8 | 6.00  | -4.81  | -4.26  | -3.24  | -3.02  | -3.39  | -2.09  | -2.64  | -4.03  | 0.54 | 6.22  | 17.00 | 10.78 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 2 | 9.01  | -2.83  | -2.69  |        |        |        |        |        |        | 0.54 | 0.79  | 13.99 | 13.20 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 2 | 6.00  | -1.70  | -1.49  |        |        |        |        |        |        | 0.54 | 1.96  | 17.00 | 15.04 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 3 | 10.77 | -4.80  | -4.64  | -4.36  |        |        |        |        |        | 0.54 | 0.72  | 12.23 | 11.51 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 3 | 7.76  | -2.63  | -2.68  | -2.26  |        |        |        |        |        | 0.54 | 2.79  | 15.24 | 12.45 |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 3 | 6.00  | -2.77  | -2.52  | -2.66  |        |        |        |        |        | 0.54 | 2.66  | 17.00 | 14.34 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 4 | 12.02 | -6.71  | -6.89  | -6.60  | -6.49  |        |        |        |        | 0.54 | -0.11 | 10.98 | 11.09 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 4 | 9.01  | -4.67  | -4.51  | -4.33  | -4.37  |        |        |        |        | 0.54 | 2.09  | 13.99 | 11.90 |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 4 | 7.25  | -3.76  | -3.66  | -3.49  | -3.17  |        |        |        |        | 0.54 | 3.05  | 15.75 | 12.70 |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 4 | 6.00  | -2.65  | -2.67  | -2.55  | -2.18  |        |        |        |        | 0.54 | 4.05  | 17.00 | 12.95 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 6 | 13.78 | -8.77  | -8.50  | -8.76  |        | -8.14  | -8.22  | -8.53  |        | 0.54 | -0.16 | 9.22  | 9.38  |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 6 | 10.77 | -7.57  | -7.60  | -7.31  |        | -6.64  | -6.96  | -6.91  |        | 0.54 | 1.17  | 12.23 | 11.06 |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 6 | 9.01  | -5.62  | -5.79  | -5.53  |        | -4.80  | -4.77  | -4.73  |        | 0.54 | 3.14  | 13.99 | 10.85 |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 6 | 7.76  | -4.74  | -4.55  | -4.77  |        | -3.73  | -3.82  | -3.58  |        | 0.54 | 4.15  | 15.24 | 11.09 |
| VHT40, M0.5 to M9.5-BF                | 6 | 6.79  | -4.34  | -4.27  | -4.22  |        | -3.80  | -3.56  | -3.71  |        | 0.54 | 4.35  | 16.21 | 11.86 |
| VHT40, M0.6 to M9.6-BF                | 6 | 6.00  | -4.56  | -4.94  | -4.73  |        | -3.96  | -4.00  | -3.97  |        | 0.54 | 3.98  | 17.00 | 13.02 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 8 | 15.03 | -13.37 | -13.41 | -13.65 | -14.68 | -12.85 | -13.11 | -13.00 | -12.93 | 0.54 | -3.77 | 7.97  | 11.74 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 8 | 12.02 | -8.60  | -8.17  | -8.30  | -8.19  | -8.06  | -8.31  | -8.11  | -8.21  | 0.54 | 1.33  | 10.98 | 9.65  |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 8 | 10.26 | -7.37  | -7.43  | -7.31  | -8.20  | -6.57  | -7.04  | -6.52  | -6.79  | 0.54 | 2.45  | 12.74 | 10.29 |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 8 | 9.01  | -6.52  | -6.50  | -6.61  | -6.36  | -5.79  | -5.84  | -5.69  | -5.77  | 0.54 | 3.45  | 13.99 | 10.54 |
| VHT40, M0.5 to M9.5-BF                | 8 | 8.04  | -6.51  | -6.40  | -6.20  | -6.42  | -5.52  | -5.41  | -5.52  | -5.70  | 0.54 | 3.63  | 14.96 | 11.33 |
| VHT40, M0.6 to M9.6-BF                | 8 | 7.25  | -6.63  | -6.59  | -6.62  | -6.95  | -5.92  | -6.04  | -6.05  | -6.05  | 0.54 | 3.23  | 15.75 | 12.52 |

|                                   |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|-----------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| VHT40, M0.7 to M9.7-BF            | 8 | 6.58  | -5.04 | -5.40 | -5.33 | -4.89 | -4.56 | -4.37 | -4.33 | -4.29 | 0.54 | 4.81  | 16.42 | 11.61 |
| VHT40, M0.8 to M9.8-BF            | 8 | 6.00  | -4.47 | -4.65 | -3.68 | -2.89 | -3.40 | -2.48 | -2.93 | -3.92 | 0.54 | 6.08  | 17.00 | 10.92 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 2 | 6.00  | -1.94 | -1.49 |       |       |       |       |       |       | 0.54 | 1.84  | 17.00 | 15.16 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 3 | 6.00  | -2.96 | -2.97 | -2.82 |       |       |       |       |       | 0.54 | 2.40  | 17.00 | 14.60 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 4 | 6.00  | -2.82 | -2.90 | -2.56 | -2.07 |       |       |       |       | 0.54 | 3.99  | 17.00 | 13.01 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 6 | 6.00  | -3.91 | -3.70 | -3.92 |       | -2.83 | -2.86 | -2.97 |       | 0.54 | 4.98  | 17.00 | 12.02 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 8 | 6.00  | -4.72 | -4.59 | -4.14 | -4.64 | -4.02 | -3.99 | -4.00 | -4.01 | 0.54 | 5.32  | 17.00 | 11.68 |
| HE40, M0.1 to M11.1               | 1 | 6.00  | -1.38 |       |       |       |       |       |       |       | 0.54 | -0.84 | 17.00 | 17.84 |
| HE40, M0.1 to M11.1               | 2 | 9.01  | -2.64 | -2.33 |       |       |       |       |       |       | 0.54 | 1.07  | 13.99 | 12.92 |
| HE40, M0.2 to M11.2               | 2 | 6.00  | -1.30 | -1.47 |       |       |       |       |       |       | 0.54 | 2.17  | 17.00 | 14.83 |
| HE40, M0.1 to M11.1               | 3 | 10.77 | -2.44 | -2.32 | -2.15 |       |       |       |       |       | 0.54 | 3.01  | 12.23 | 9.22  |
| HE40, M0.2 to M11.2               | 3 | 7.76  | -2.45 | -2.21 | -2.43 |       |       |       |       |       | 0.54 | 2.95  | 15.24 | 12.29 |
| HE40, M0.3 to M11.3               | 3 | 6.00  | -2.42 | -2.61 | -2.40 |       |       |       |       |       | 0.54 | 2.84  | 17.00 | 14.16 |
| HE40, M0.1 to M11.1               | 4 | 12.02 | -3.73 | -3.16 | -3.37 | -2.99 |       |       |       |       | 0.54 | 3.26  | 10.98 | 7.72  |
| HE40, M0.2 to M11.2               | 4 | 9.01  | -3.52 | -3.41 | -3.54 | -3.17 |       |       |       |       | 0.54 | 3.15  | 13.99 | 10.84 |
| HE40, M0.3 to M11.3               | 4 | 7.25  | -3.36 | -3.24 | -3.29 | -2.83 |       |       |       |       | 0.54 | 3.39  | 15.75 | 12.36 |
| HE40, M0.4 to M11.4               | 4 | 6.00  | -3.32 | -3.52 | -3.48 | -3.26 |       |       |       |       | 0.54 | 3.17  | 17.00 | 13.83 |
| HE40, M0.1 to M11.1               | 6 | 13.78 | -4.48 | -4.48 | -4.36 |       | -3.67 | -3.49 | -3.65 |       | 0.54 | 4.32  | 9.22  | 4.90  |
| HE40, M0.2 to M11.2               | 6 | 10.77 | -4.27 | -4.39 | -4.43 |       | -3.48 | -3.74 | -3.44 |       | 0.54 | 4.38  | 12.23 | 7.85  |
| HE40, M0.3 to M11.3               | 6 | 9.01  | -4.45 | -4.22 | -4.48 |       | -3.60 | -3.43 | -3.86 |       | 0.54 | 4.33  | 13.99 | 9.66  |
| HE40, M0.4 to M11.4               | 6 | 7.76  | -4.44 | -4.28 | -4.40 |       | -3.43 | -3.33 | -3.55 |       | 0.54 | 4.44  | 15.24 | 10.80 |
| HE40, M0.5 to M11.5               | 6 | 6.79  | -4.48 | -4.36 | -4.56 |       | -3.37 | -3.52 | -3.47 |       | 0.54 | 4.39  | 16.21 | 11.82 |
| HE40, M0.6 to M11.6               | 6 | 6.00  | -4.28 | -4.55 | -4.61 |       | -3.65 | -3.92 | -3.52 |       | 0.54 | 4.25  | 17.00 | 12.75 |
| HE40, M0.1 to M11.1               | 8 | 15.03 | -5.06 | -5.42 | -5.13 | -5.28 | -4.70 | -4.67 | -4.59 | -5.02 | 0.54 | 4.60  | 7.97  | 3.37  |
| HE40, M0.2 to M11.2               | 8 | 12.02 | -5.08 | -5.62 | -5.29 | -5.10 | -4.86 | -4.44 | -4.55 | -4.86 | 0.54 | 4.61  | 10.98 | 6.37  |
| HE40, M0.3 to M11.3               | 8 | 10.26 | -5.41 | -5.36 | -5.14 | -5.01 | -4.78 | -4.72 | -4.46 | -4.71 | 0.54 | 4.63  | 12.74 | 8.11  |
| HE40, M0.4 to M11.4               | 8 | 9.01  | -5.29 | -5.24 | -5.12 | -5.02 | -4.75 | -4.64 | -4.10 | -4.74 | 0.54 | 4.72  | 13.99 | 9.27  |
| HE40, M0.5 to M11.5               | 8 | 8.04  | -5.72 | -5.54 | -4.90 | -5.29 | -4.54 | -4.57 | -4.07 | -4.76 | 0.54 | 4.68  | 14.96 | 10.28 |

|                        |   |       |        |        |        |        |        |        |        |        |      |       |       |       |
|------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|------|-------|-------|-------|
| HE40, M0.6 to M11.6    | 8 | 7.25  | -5.02  | -5.39  | -4.97  | -5.18  | -4.43  | -4.41  | -4.01  | -4.60  | 0.54 | 4.84  | 15.75 | 10.91 |
| HE40, M0.7 to M11.7    | 8 | 6.58  | -5.27  | -5.74  | -5.07  | -4.64  | -4.52  | -4.39  | -4.26  | -4.69  | 0.54 | 4.77  | 16.42 | 11.65 |
| HE40, M0.8 to M11.8    | 8 | 6.00  | -5.20  | -5.55  | -5.32  | -5.24  | -4.49  | -4.72  | -4.81  | -4.84  | 0.54 | 4.56  | 17.00 | 12.44 |
| HE40, M0.1 to M11.1-BF | 2 | 9.01  | -3.46  | -3.14  |        |        |        |        |        |        | 0.54 | 0.25  | 13.99 | 13.74 |
| HE40, M0.2 to M11.2-BF | 2 | 6.00  | -1.54  | -1.38  |        |        |        |        |        |        | 0.54 | 2.09  | 17.00 | 14.91 |
| HE40, M0.1 to M11.1-BF | 3 | 10.77 | -5.09  | -5.33  | -5.41  |        |        |        |        |        | 0.54 | 0.04  | 12.23 | 12.19 |
| HE40, M0.2 to M11.2-BF | 3 | 7.76  | -3.31  | -3.30  | -3.59  |        |        |        |        |        | 0.54 | 1.91  | 15.24 | 13.33 |
| HE40, M0.3 to M11.3-BF | 3 | 6.00  | -2.46  | -2.62  | -2.46  |        |        |        |        |        | 0.54 | 2.80  | 17.00 | 14.20 |
| HE40, M0.1 to M11.1-BF | 4 | 12.02 | -7.23  | -7.54  | -6.96  | -7.98  |        |        |        |        | 0.54 | -0.85 | 10.98 | 11.83 |
| HE40, M0.2 to M11.2-BF | 4 | 9.01  | -5.00  | -5.59  | -5.31  | -5.22  |        |        |        |        | 0.54 | 1.29  | 13.99 | 12.70 |
| HE40, M0.3 to M11.3-BF | 4 | 7.25  | -3.28  | -3.25  | -3.48  | -3.28  |        |        |        |        | 0.54 | 3.24  | 15.75 | 12.51 |
| HE40, M0.4 to M11.4-BF | 4 | 6.00  | -3.42  | -3.29  | -3.58  | -3.42  |        |        |        |        | 0.54 | 3.13  | 17.00 | 13.87 |
| HE40, M0.1 to M11.1-BF | 6 | 13.78 | -9.48  | -8.91  | -9.30  |        | -8.37  | -8.88  | -8.39  |        | 0.54 | -0.55 | 9.22  | 9.77  |
| HE40, M0.2 to M11.2-BF | 6 | 10.77 | -7.14  | -7.62  | -7.41  |        | -6.67  | -7.01  | -6.77  |        | 0.54 | 1.23  | 12.23 | 11.00 |
| HE40, M0.3 to M11.3-BF | 6 | 9.01  | -6.08  | -6.43  | -6.29  |        | -5.56  | -5.18  | -5.53  |        | 0.54 | 2.50  | 13.99 | 11.49 |
| HE40, M0.4 to M11.4-BF | 6 | 7.76  | -5.20  | -5.48  | -5.24  |        | -4.82  | -4.53  | -4.30  |        | 0.54 | 3.41  | 15.24 | 11.83 |
| HE40, M0.5 to M11.5-BF | 6 | 6.79  | -4.40  | -4.52  | -4.16  |        | -3.20  | -3.67  | -3.12  |        | 0.54 | 4.51  | 16.21 | 11.70 |
| HE40, M0.6 to M11.6-BF | 6 | 6.00  | -4.27  | -4.41  | -4.37  |        | -3.64  | -3.64  | -3.60  |        | 0.54 | 4.35  | 17.00 | 12.65 |
| HE40, M0.1 to M11.1-BF | 8 | 15.03 | -14.22 | -14.27 | -14.28 | -15.35 | -13.48 | -13.86 | -13.84 | -13.49 | 0.54 | -4.49 | 7.97  | 12.46 |
| HE40, M0.2 to M11.2-BF | 8 | 12.02 | -9.09  | -9.19  | -9.46  | -9.11  | -8.11  | -8.55  | -8.42  | -8.53  | 0.54 | 0.79  | 10.98 | 10.19 |
| HE40, M0.3 to M11.3-BF | 8 | 10.26 | -7.09  | -7.73  | -7.21  | -7.68  | -6.61  | -6.72  | -6.65  | -6.96  | 0.54 | 2.51  | 12.74 | 10.23 |
| HE40, M0.4 to M11.4-BF | 8 | 9.01  | -7.38  | -7.40  | -6.97  | -7.94  | -6.40  | -6.78  | -6.34  | -7.06  | 0.54 | 2.57  | 13.99 | 11.42 |
| HE40, M0.5 to M11.5-BF | 8 | 8.04  | -6.39  | -6.29  | -5.69  | -6.23  | -5.03  | -5.75  | -5.30  | -5.57  | 0.54 | 3.81  | 14.96 | 11.15 |
| HE40, M0.6 to M11.6-BF | 8 | 7.25  | -6.40  | -6.26  | -6.13  | -5.96  | -5.43  | -5.24  | -5.42  | -5.69  | 0.54 | 3.77  | 15.75 | 11.98 |
| HE40, M0.7 to M11.7-BF | 8 | 6.58  | -5.21  | -5.50  | -5.32  | -4.65  | -4.50  | -4.23  | -4.35  | -4.70  | 0.54 | 4.79  | 16.42 | 11.63 |
| HE40, M0.8 to M11.8-BF | 8 | 6.00  | -4.52  | -4.26  | -4.32  | -4.36  | -3.42  | -3.46  | -3.49  | -3.59  | 0.54 | 5.67  | 17.00 | 11.33 |
| HE40, M0 to M11-STBC   | 2 | 6.00  | -2.62  | -2.31  |        |        |        |        |        |        | 0.54 | 1.09  | 17.00 | 15.91 |
| HE40, M0 to M11-STBC   | 3 | 6.00  | -2.45  | -2.26  | -2.22  |        |        |        |        |        | 0.54 | 3.00  | 17.00 | 14.00 |

|                      |   |      |       |       |       |       |       |       |       |       |      |      |       |       |
|----------------------|---|------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-------|-------|
| HE40, M0 to M11-STBC | 4 | 6.00 | -3.41 | -3.52 | -3.16 | -2.79 |       |       |       |       | 0.54 | 3.35 | 17.00 | 13.65 |
| HE40, M0 to M11-STBC | 6 | 6.00 | -3.32 | -2.97 | -3.27 |       | -2.51 | -2.74 | -2.37 |       | 0.54 | 5.47 | 17.00 | 11.53 |
| HE40, M0 to M11-STBC | 8 | 6.00 | -5.52 | -5.67 | -5.15 | -5.05 | -4.65 | -4.82 | -4.46 | -4.82 | 0.54 | 4.57 | 17.00 | 12.43 |



## 5230 MHz:

| Mode                               | Tx paths | correlated antenna gain (dBi) | Tx 1 PSD (dBm/MHz) | Tx 2 PSD (dBm/MHz) | Tx 3 PSD (dBm/MHz) | Tx 4 PSD (dBm/MHz) | Tx 5 PSD (dBm/MHz) | Tx 6 PSD (dBm/MHz) | Tx 7 PSD (dBm/MHz) | Tx 8 PSD (dBm/MHz) | DCCF (dB) | Total PSD (dBm/MHz) | FCC Limit (dBm/MHz) | Margin (dB) |
|------------------------------------|----------|-------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-----------|---------------------|---------------------|-------------|
| non HT40, 6 to 54 Mbps             | 1        | 6.00                          | -0.52              |                    |                    |                    |                    |                    |                    |                    | 0.72      | 0.20                | 17.00               | 16.80       |
| non HT40, 6 to 54 Mbps             | 2        | 9.01                          | -0.18              | -0.73              |                    |                    |                    |                    |                    |                    | 0.72      | 3.28                | 13.99               | 10.71       |
| non HT40, 6 to 54 Mbps             | 3        | 10.77                         | -0.33              | -0.73              | -0.54              |                    |                    |                    |                    |                    | 0.72      | 4.96                | 12.23               | 7.27        |
| non HT40, 6 to 54 Mbps             | 4        | 12.02                         | -0.41              | -0.75              | -0.55              | -0.30              |                    |                    |                    |                    | 0.72      | 6.24                | 10.98               | 4.74        |
| non HT40, 6 to 54 Mbps             | 6        | 13.78                         | -0.30              | -0.97              | -0.58              |                    | -0.59              | -0.24              | -0.24              |                    | 0.72      | 8.02                | 9.22                | 1.20        |
| non HT40, 6 to 54 Mbps             | 8        | 15.03                         | -2.20              | -2.04              | -2.03              | -2.10              | -2.14              | -2.15              | -2.08              | -2.08              | 0.72      | 7.65                | 7.97                | 0.32        |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 1        | 6.00                          | -1.44              |                    |                    |                    |                    |                    |                    |                    | 0.54      | -0.90               | 17.00               | 17.90       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 2        | 9.01                          | -0.93              | -1.13              |                    |                    |                    |                    |                    |                    | 0.54      | 2.52                | 13.99               | 11.47       |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 2        | 6.00                          | -0.80              | -0.92              |                    |                    |                    |                    |                    |                    | 0.54      | 2.69                | 17.00               | 14.31       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 3        | 10.77                         | -0.62              | -1.04              | -1.13              |                    |                    |                    |                    |                    | 0.54      | 4.39                | 12.23               | 7.84        |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 3        | 7.76                          | -0.84              | -0.91              | -0.57              |                    |                    |                    |                    |                    | 0.54      | 4.54                | 15.24               | 10.70       |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 3        | 6.00                          | -0.70              | -0.84              | -0.60              |                    |                    |                    |                    |                    | 0.54      | 4.60                | 17.00               | 12.40       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 4        | 12.02                         | -0.96              | -1.13              | -1.09              | -1.50              |                    |                    |                    |                    | 0.54      | 5.40                | 10.98               | 5.58        |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 4        | 9.01                          | -0.68              | -1.07              | -0.96              | -0.85              |                    |                    |                    |                    | 0.54      | 5.67                | 13.99               | 8.32        |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 4        | 7.25                          | -0.62              | -0.95              | -0.71              | -0.86              |                    |                    |                    |                    | 0.54      | 5.78                | 15.75               | 9.97        |
| HT/VHT40, M24 to M31, M0.4 to M9.4 | 4        | 6.00                          | -0.68              | -0.78              | -0.55              | -0.61              |                    |                    |                    |                    | 0.54      | 5.91                | 17.00               | 11.09       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 6        | 13.78                         | -0.82              | -1.35              | -1.29              |                    | -0.86              | -0.78              | -0.81              |                    | 0.54      | 7.34                | 9.22                | 1.88        |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 6        | 10.77                         | -0.69              | -0.93              | -0.51              |                    | -0.59              | -0.74              | -0.38              |                    | 0.54      | 7.69                | 12.23               | 4.54        |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 6        | 9.01                          | -0.94              | -1.01              | -0.57              |                    | -0.76              | -0.99              | -0.20              |                    | 0.54      | 7.59                | 13.99               | 6.40        |
| HT/VHT40, M24 to M31, M0.4 to M9.4 | 6        | 7.76                          | -0.68              | -0.90              | -0.77              |                    | -0.44              | -0.52              | -0.57              |                    | 0.54      | 7.68                | 15.24               | 7.56        |
| VHT40, M0.5 to M9.5                | 6        | 6.79                          | -0.63              | -0.94              | -0.52              |                    | -0.47              | -0.28              | -0.53              |                    | 0.54      | 7.76                | 16.21               | 8.45        |
| VHT40, M0.6 to M9.6                | 6        | 6.00                          | -0.57              | -1.26              | -1.02              |                    | -0.80              | -1.11              | -0.68              |                    | 0.54      | 7.42                | 17.00               | 9.58        |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 8        | 15.03                         | -1.68              | -1.56              | -1.70              | -1.93              | -1.50              | -1.56              | -1.68              | -1.56              | 0.54      | 7.93                | 7.97                | 0.04        |

|                                       |   |       |       |       |       |       |       |       |       |       |      |      |       |       |
|---------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-------|-------|
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 8 | 12.02 | -0.63 | -1.15 | -0.58 | -0.91 | -0.63 | -0.74 | -0.52 | -0.82 | 0.54 | 8.83 | 10.98 | 2.15  |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 8 | 10.26 | -0.85 | -1.04 | -0.78 | -0.68 | -0.84 | -0.70 | -0.55 | -1.01 | 0.54 | 8.77 | 12.74 | 3.97  |
| HT/VHT40, M24 to M31, M0.4 to M9.4    | 8 | 9.01  | -0.77 | -0.90 | -0.56 | -0.69 | -0.31 | -0.62 | -0.42 | -0.55 | 0.54 | 8.97 | 13.99 | 5.02  |
| VHT40, M0.5 to M9.5                   | 8 | 8.04  | -0.46 | -0.82 | -0.47 | -0.52 | -0.36 | -0.51 | -0.35 | -0.57 | 0.54 | 9.07 | 14.96 | 5.89  |
| VHT40, M0.6 to M9.6                   | 8 | 7.25  | -0.80 | -1.11 | -0.79 | -1.06 | -0.68 | -0.96 | -0.51 | -0.80 | 0.54 | 8.74 | 15.75 | 7.01  |
| VHT40, M0.7 to M9.7                   | 8 | 6.58  | -0.34 | -0.56 | -0.42 | -0.35 | -0.10 | -0.28 | -0.02 | -0.18 | 0.54 | 9.29 | 16.42 | 7.13  |
| VHT40, M0.8 to M9.8                   | 8 | 6.00  | -0.49 | -1.19 | 0.13  | 0.68  | -0.33 | 0.56  | 0.46  | -0.87 | 0.54 | 9.49 | 17.00 | 7.51  |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 2 | 9.01  | -1.06 | -1.69 |       |       |       |       |       |       | 0.54 | 2.19 | 13.99 | 11.80 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 2 | 6.00  | -0.94 | -1.18 |       |       |       |       |       |       | 0.54 | 2.49 | 17.00 | 14.51 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 3 | 10.77 | -0.98 | -1.31 | -0.89 |       |       |       |       |       | 0.54 | 4.25 | 12.23 | 7.98  |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 3 | 7.76  | -0.88 | -0.97 | -0.75 |       |       |       |       |       | 0.54 | 4.45 | 15.24 | 10.79 |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 3 | 6.00  | -0.91 | -0.98 | -0.68 |       |       |       |       |       | 0.54 | 4.46 | 17.00 | 12.54 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 4 | 12.02 | -0.65 | -0.96 | -1.14 | -0.90 |       |       |       |       | 0.54 | 5.65 | 10.98 | 5.33  |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 4 | 9.01  | -0.70 | -0.83 | -0.65 | -1.00 |       |       |       |       | 0.54 | 5.77 | 13.99 | 8.22  |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 4 | 7.25  | -0.61 | -1.06 | -0.58 | -0.87 |       |       |       |       | 0.54 | 5.79 | 15.75 | 9.96  |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 4 | 6.00  | -0.69 | -0.99 | -0.72 | -0.86 |       |       |       |       | 0.54 | 5.75 | 17.00 | 11.25 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 6 | 13.78 | -4.07 | -4.03 | -4.46 |       | -3.97 | -4.03 | -3.26 |       | 0.54 | 4.37 | 9.22  | 4.85  |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 6 | 10.77 | -0.69 | -1.12 | -0.54 |       | -0.90 | -0.59 | -0.64 |       | 0.54 | 7.58 | 12.23 | 4.65  |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 6 | 9.01  | -0.79 | -0.59 | -0.70 |       | -0.77 | -0.40 | -0.58 |       | 0.54 | 7.69 | 13.99 | 6.30  |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 6 | 7.76  | -0.79 | -0.95 | -0.75 |       | -0.64 | -0.57 | -0.58 |       | 0.54 | 7.61 | 15.24 | 7.63  |
| VHT40, M0.5 to M9.5-BF                | 6 | 6.79  | -0.34 | -0.56 | -0.42 |       | -0.24 | -0.66 | -0.24 |       | 0.54 | 7.91 | 16.21 | 8.30  |
| VHT40, M0.6 to M9.6-BF                | 6 | 6.00  | -0.60 | -1.13 | -0.92 |       | -0.95 | -0.91 | -0.71 |       | 0.54 | 7.45 | 17.00 | 9.55  |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 8 | 15.03 | -5.74 | -5.94 | -5.88 | -6.06 | -5.79 | -5.62 | -5.87 | -6.13 | 0.54 | 3.69 | 7.97  | 4.28  |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 8 | 12.02 | -2.62 | -3.10 | -2.86 | -2.72 | -2.62 | -2.57 | -2.57 | -2.65 | 0.54 | 6.86 | 10.98 | 4.12  |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 8 | 10.26 | -0.51 | -0.85 | -0.92 | -0.52 | -0.48 | -0.72 | -0.32 | -0.74 | 0.54 | 8.94 | 12.74 | 3.80  |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 8 | 9.01  | -0.84 | -0.90 | -0.72 | -0.95 | -0.38 | -0.74 | -0.20 | -0.65 | 0.54 | 8.91 | 13.99 | 5.08  |
| VHT40, M0.5 to M9.5-BF                | 8 | 8.04  | -0.43 | -0.93 | -0.45 | -0.57 | -0.48 | -0.51 | -0.33 | -0.57 | 0.54 | 9.04 | 14.96 | 5.92  |
| VHT40, M0.6 to M9.6-BF                | 8 | 7.25  | -0.80 | -1.21 | -0.63 | -0.92 | -0.94 | -0.79 | -0.56 | -0.94 | 0.54 | 8.73 | 15.75 | 7.02  |

|                                   |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|-----------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| VHT40, M0.7 to M9.7-BF            | 8 | 6.58  | -0.73 | -0.73 | -0.30 | -0.03 | -0.39 | -0.50 | -0.31 | -0.62 | 0.54 | 9.13  | 16.42 | 7.29  |
| VHT40, M0.8 to M9.8-BF            | 8 | 6.00  | -0.90 | -1.09 | 0.33  | 0.61  | -0.28 | 0.51  | 0.65  | -0.53 | 0.54 | 9.53  | 17.00 | 7.47  |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 2 | 6.00  | -0.93 | -1.06 |       |       |       |       |       |       | 0.54 | 2.56  | 17.00 | 14.44 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 3 | 6.00  | -0.62 | -1.17 | -1.23 |       |       |       |       |       | 0.54 | 4.31  | 17.00 | 12.69 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 4 | 6.00  | -0.88 | -0.82 | -0.70 | -1.18 |       |       |       |       | 0.54 | 5.67  | 17.00 | 11.33 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 6 | 6.00  | -1.26 | -1.24 | -0.90 |       | -0.69 | -0.90 | -0.55 |       | 0.54 | 7.41  | 17.00 | 9.59  |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 8 | 6.00  | -2.82 | -3.06 | -3.17 | -2.96 | -3.34 | -2.97 | -2.89 | -3.26 | 0.54 | 6.52  | 17.00 | 10.48 |
| HE40, M0.1 to M11.1               | 1 | 6.00  | -0.55 |       |       |       |       |       |       |       | 0.54 | -0.01 | 17.00 | 17.01 |
| HE40, M0.1 to M11.1               | 2 | 9.01  | -0.57 | -0.90 |       |       |       |       |       |       | 0.54 | 2.82  | 13.99 | 11.17 |
| HE40, M0.2 to M11.2               | 2 | 6.00  | -0.54 | -0.84 |       |       |       |       |       |       | 0.54 | 2.86  | 17.00 | 14.14 |
| HE40, M0.1 to M11.1               | 3 | 10.77 | -0.44 | -0.75 | -0.59 |       |       |       |       |       | 0.54 | 4.72  | 12.23 | 7.51  |
| HE40, M0.2 to M11.2               | 3 | 7.76  | -0.38 | -0.72 | -0.42 |       |       |       |       |       | 0.54 | 4.81  | 15.24 | 10.43 |
| HE40, M0.3 to M11.3               | 3 | 6.00  | -0.54 | -0.64 | -0.43 |       |       |       |       |       | 0.54 | 4.78  | 17.00 | 12.22 |
| HE40, M0.1 to M11.1               | 4 | 12.02 | -0.53 | -0.87 | -0.53 | -0.50 |       |       |       |       | 0.54 | 5.96  | 10.98 | 5.02  |
| HE40, M0.2 to M11.2               | 4 | 9.01  | -0.53 | -0.80 | -0.57 | -0.75 |       |       |       |       | 0.54 | 5.90  | 13.99 | 8.09  |
| HE40, M0.3 to M11.3               | 4 | 7.25  | -0.95 | -0.65 | -0.62 | -0.72 |       |       |       |       | 0.54 | 5.83  | 15.75 | 9.92  |
| HE40, M0.4 to M11.4               | 4 | 6.00  | -0.53 | -0.75 | -0.45 | -0.44 |       |       |       |       | 0.54 | 6.02  | 17.00 | 10.98 |
| HE40, M0.1 to M11.1               | 6 | 13.78 | -0.50 | -0.87 | -0.51 |       | -0.49 | -0.35 | -0.32 |       | 0.54 | 7.82  | 9.22  | 1.40  |
| HE40, M0.2 to M11.2               | 6 | 10.77 | -0.42 | -0.80 | -0.44 |       | -0.59 | -0.44 | -0.51 |       | 0.54 | 7.79  | 12.23 | 4.44  |
| HE40, M0.3 to M11.3               | 6 | 9.01  | -0.79 | -0.66 | -0.24 |       | -0.63 | -0.19 | -0.24 |       | 0.54 | 7.87  | 13.99 | 6.12  |
| HE40, M0.4 to M11.4               | 6 | 7.76  | -0.64 | -0.61 | -0.61 |       | -0.62 | -0.37 | -0.24 |       | 0.54 | 7.81  | 15.24 | 7.43  |
| HE40, M0.5 to M11.5               | 6 | 6.79  | -0.67 | -0.82 | -0.66 |       | -0.29 | -0.47 | -0.16 |       | 0.54 | 7.82  | 16.21 | 8.39  |
| HE40, M0.6 to M11.6               | 6 | 6.00  | -0.59 | -0.87 | -0.63 |       | -0.38 | -0.62 | -0.35 |       | 0.54 | 7.75  | 17.00 | 9.25  |
| HE40, M0.1 to M11.1               | 8 | 15.03 | -2.33 | -2.28 | -1.89 | -2.25 | -2.20 | -2.23 | -1.97 | -2.27 | 0.54 | 7.40  | 7.97  | 0.57  |
| HE40, M0.2 to M11.2               | 8 | 12.02 | -0.54 | -0.53 | -0.02 | -0.66 | -0.39 | -0.40 | -0.48 | -0.80 | 0.54 | 9.10  | 10.98 | 1.88  |
| HE40, M0.3 to M11.3               | 8 | 10.26 | -0.32 | -0.97 | -0.33 | -0.62 | -0.56 | -0.58 | 0.13  | -0.28 | 0.54 | 9.14  | 12.74 | 3.60  |
| HE40, M0.4 to M11.4               | 8 | 9.01  | -0.54 | -0.87 | -0.12 | -0.68 | -0.73 | -0.23 | -0.06 | -0.44 | 0.54 | 9.12  | 13.99 | 4.87  |
| HE40, M0.5 to M11.5               | 8 | 8.04  | -0.70 | -0.60 | 0.09  | -0.38 | -0.41 | -0.22 | 0.53  | -0.63 | 0.54 | 9.30  | 14.96 | 5.66  |

|                        |   |       |       |       |       |       |       |       |       |       |      |      |       |       |
|------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-------|-------|
| HE40, M0.6 to M11.6    | 8 | 7.25  | -0.72 | -0.84 | -0.18 | -0.51 | -0.61 | -0.53 | 0.19  | -0.53 | 0.54 | 9.12 | 15.75 | 6.63  |
| HE40, M0.7 to M11.7    | 8 | 6.58  | -0.80 | -0.77 | 0.06  | -0.21 | -0.09 | -0.01 | 0.17  | -0.57 | 0.54 | 9.31 | 16.42 | 7.11  |
| HE40, M0.8 to M11.8    | 8 | 6.00  | -0.56 | -0.87 | -0.31 | -0.48 | -0.45 | -0.56 | -0.22 | -0.85 | 0.54 | 9.04 | 17.00 | 7.96  |
| HE40, M0.1 to M11.1-BF | 2 | 9.01  | -0.56 | -0.69 |       |       |       |       |       |       | 0.54 | 2.93 | 13.99 | 11.06 |
| HE40, M0.2 to M11.2-BF | 2 | 6.00  | -0.62 | -0.68 |       |       |       |       |       |       | 0.54 | 2.90 | 17.00 | 14.10 |
| HE40, M0.1 to M11.1-BF | 3 | 10.77 | -0.70 | -0.70 | -0.50 |       |       |       |       |       | 0.54 | 4.68 | 12.23 | 7.55  |
| HE40, M0.2 to M11.2-BF | 3 | 7.76  | -0.17 | -0.78 | -0.67 |       |       |       |       |       | 0.54 | 4.78 | 15.24 | 10.46 |
| HE40, M0.3 to M11.3-BF | 3 | 6.00  | -0.63 | -0.95 | -0.60 |       |       |       |       |       | 0.54 | 4.59 | 17.00 | 12.41 |
| HE40, M0.1 to M11.1-BF | 4 | 12.02 | -0.54 | -0.81 | -0.54 | -0.34 |       |       |       |       | 0.54 | 6.01 | 10.98 | 4.97  |
| HE40, M0.2 to M11.2-BF | 4 | 9.01  | -0.47 | -0.81 | -0.70 | -0.90 |       |       |       |       | 0.54 | 5.84 | 13.99 | 8.15  |
| HE40, M0.3 to M11.3-BF | 4 | 7.25  | -0.86 | -0.69 | -0.58 | -0.06 |       |       |       |       | 0.54 | 6.02 | 15.75 | 9.73  |
| HE40, M0.4 to M11.4-BF | 4 | 6.00  | -0.76 | -0.79 | -0.55 | -0.56 |       |       |       |       | 0.54 | 5.90 | 17.00 | 11.10 |
| HE40, M0.1 to M11.1-BF | 6 | 13.78 | -3.49 | -3.67 | -3.52 |       | -3.49 | -3.40 | -3.55 |       | 0.54 | 4.80 | 9.22  | 4.42  |
| HE40, M0.2 to M11.2-BF | 6 | 10.77 | -0.37 | -0.62 | -0.42 |       | -0.57 | -0.38 | -0.14 |       | 0.54 | 7.91 | 12.23 | 4.32  |
| HE40, M0.3 to M11.3-BF | 6 | 9.01  | -0.50 | -0.67 | -0.37 |       | -0.59 | -0.41 | -0.35 |       | 0.54 | 7.84 | 13.99 | 6.15  |
| HE40, M0.4 to M11.4-BF | 6 | 7.76  | -0.67 | -0.74 | -0.06 |       | -0.48 | -0.14 | -0.13 |       | 0.54 | 7.96 | 15.24 | 7.28  |
| HE40, M0.5 to M11.5-BF | 6 | 6.79  | -0.59 | -0.57 | -0.18 |       | -0.36 | -0.43 | -0.03 |       | 0.54 | 7.97 | 16.21 | 8.24  |
| HE40, M0.6 to M11.6-BF | 6 | 6.00  | -0.58 | -0.67 | -0.50 |       | -0.60 | -0.22 | -0.41 |       | 0.54 | 7.83 | 17.00 | 9.17  |
| HE40, M0.1 to M11.1-BF | 8 | 15.03 | -5.25 | -5.55 | -5.57 | -5.41 | -5.79 | -5.27 | -5.58 | -5.70 | 0.54 | 4.06 | 7.97  | 3.91  |
| HE40, M0.2 to M11.2-BF | 8 | 12.02 | -2.49 | -2.47 | -2.87 | -2.65 | -2.53 | -2.37 | -2.62 | -2.56 | 0.54 | 7.00 | 10.98 | 3.98  |
| HE40, M0.3 to M11.3-BF | 8 | 10.26 | -0.56 | -0.93 | -0.44 | -0.58 | -0.46 | -0.32 | -0.05 | -0.83 | 0.54 | 9.06 | 12.74 | 3.68  |
| HE40, M0.4 to M11.4-BF | 8 | 9.01  | -0.59 | -0.65 | 0.12  | -0.69 | -0.32 | -0.17 | 0.26  | -0.65 | 0.54 | 9.25 | 13.99 | 4.74  |
| HE40, M0.5 to M11.5-BF | 8 | 8.04  | -0.63 | -0.79 | 0.05  | -0.66 | -0.50 | -0.41 | 0.30  | -0.64 | 0.54 | 9.18 | 14.96 | 5.78  |
| HE40, M0.6 to M11.6-BF | 8 | 7.25  | -0.73 | -0.50 | -0.26 | -0.46 | -0.12 | 0.01  | -0.15 | -0.47 | 0.54 | 9.24 | 15.75 | 6.51  |
| HE40, M0.7 to M11.7-BF | 8 | 6.58  | -0.86 | -1.32 | 0.17  | -0.32 | -0.46 | -0.04 | -0.13 | -0.48 | 0.54 | 9.16 | 16.42 | 7.26  |
| HE40, M0.8 to M11.8-BF | 8 | 6.00  | -0.64 | -0.85 | -0.60 | -0.43 | -0.47 | -0.52 | -0.28 | -0.79 | 0.54 | 9.00 | 17.00 | 8.00  |
| HE40, M0 to M11-STBC   | 2 | 6.00  | -0.35 | -0.84 |       |       |       |       |       |       | 0.54 | 2.96 | 17.00 | 14.04 |
| HE40, M0 to M11-STBC   | 3 | 6.00  | -0.56 | -0.72 | -0.52 |       |       |       |       |       | 0.54 | 4.71 | 17.00 | 12.29 |

|                      |   |      |       |       |       |       |       |       |       |       |      |      |       |       |
|----------------------|---|------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-------|-------|
| HE40, M0 to M11-STBC | 4 | 6.00 | -0.63 | -0.72 | -0.47 | -0.45 |       |       |       |       | 0.54 | 5.99 | 17.00 | 11.01 |
| HE40, M0 to M11-STBC | 6 | 6.00 | -0.44 | -1.02 | -0.61 |       | -0.53 | -0.58 | -0.40 |       | 0.54 | 7.73 | 17.00 | 9.27  |
| HE40, M0 to M11-STBC | 8 | 6.00 | -2.48 | -2.44 | -2.77 | -2.83 | -2.49 | -2.46 | -2.49 | -2.74 | 0.54 | 6.99 | 17.00 | 10.01 |

## 5210 MHz:

| Mode                   | Tx paths | correlated antenna gain (dBi) | Tx 1 PSD (dBm/MHz) | Tx 2 PSD (dBm/MHz) | Tx 3 PSD (dBm/MHz) | Tx 4 PSD (dBm/MHz) | Tx 5 PSD (dBm/MHz) | Tx 6 PSD (dBm/MHz) | Tx 7 PSD (dBm/MHz) | Tx 8 PSD (dBm/MHz) | DCCF (dB) | Total PSD (dBm/MHz) | FCC Limit (dBm/MHz) | Margin (dB) |
|------------------------|----------|-------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-----------|---------------------|---------------------|-------------|
| non HT80, 6 to 54 Mbps | 1        | 6.00                          | -2.78              |                    |                    |                    |                    |                    |                    |                    | 0.72      | -2.06               | 17.00               | 19.06       |
| non HT80, 6 to 54 Mbps | 2        | 9.01                          | -4.66              | -5.65              |                    |                    |                    |                    |                    |                    | 0.72      | -1.40               | 13.99               | 15.39       |
| non HT80, 6 to 54 Mbps | 3        | 10.77                         | -5.62              | -6.53              | -5.98              |                    |                    |                    |                    |                    | 0.72      | -0.54               | 12.23               | 12.77       |
| non HT80, 6 to 54 Mbps | 4        | 12.02                         | -6.90              | -7.17              | -6.95              | -6.81              |                    |                    |                    |                    | 0.72      | -0.21               | 10.98               | 11.19       |
| non HT80, 6 to 54 Mbps | 6        | 13.78                         | -9.80              | -10.43             | -9.64              |                    | -9.41              | -9.01              | -9.27              |                    | 0.72      | -1.07               | 9.22                | 10.29       |
| non HT80, 6 to 54 Mbps | 8        | 15.03                         | -9.71              | -10.40             | -9.94              | -9.59              | -9.58              | -9.71              | -9.57              | -10.12             | 0.72      | -0.07               | 7.97                | 8.04        |
| VHT80, M0.1 to M9.1    | 1        | 6.00                          | -4.63              |                    |                    |                    |                    |                    |                    |                    | 0.54      | -4.09               | 17.00               | 21.09       |
| VHT80, M0.1 to M9.1    | 2        | 9.01                          | -6.63              | -7.20              |                    |                    |                    |                    |                    |                    | 0.54      | -3.36               | 13.99               | 17.35       |
| VHT80, M0.2 to M9.2    | 2        | 6.00                          | -6.76              | -7.39              |                    |                    |                    |                    |                    |                    | 0.54      | -3.51               | 17.00               | 20.51       |
| VHT80, M0.1 to M9.1    | 3        | 10.77                         | -7.67              | -7.96              | -7.42              |                    |                    |                    |                    |                    | 0.54      | -2.37               | 12.23               | 14.60       |
| VHT80, M0.2 to M9.2    | 3        | 7.76                          | -7.41              | -7.33              | -6.81              |                    |                    |                    |                    |                    | 0.54      | -1.86               | 15.24               | 17.10       |
| VHT80, M0.3 to M9.3    | 3        | 6.00                          | -7.82              | -7.99              | -7.59              |                    |                    |                    |                    |                    | 0.54      | -2.49               | 17.00               | 19.49       |
| VHT80, M0.1 to M9.1    | 4        | 12.02                         | -7.63              | -7.80              | -7.65              | -7.27              |                    |                    |                    |                    | 0.54      | -1.02               | 10.98               | 12.00       |
| VHT80, M0.2 to M9.2    | 4        | 9.01                          | -7.09              | -7.59              | -7.23              | -7.29              |                    |                    |                    |                    | 0.54      | -0.74               | 13.99               | 14.73       |
| VHT80, M0.3 to M9.3    | 4        | 7.25                          | -7.52              | -6.92              | -7.22              | -6.49              |                    |                    |                    |                    | 0.54      | -0.46               | 15.75               | 16.21       |
| VHT80, M0.4 to M9.4    | 4        | 6.00                          | -7.72              | -8.12              | -7.62              | -7.41              |                    |                    |                    |                    | 0.54      | -1.15               | 17.00               | 18.15       |
| VHT80, M0.1 to M9.1    | 6        | 13.78                         | -8.48              | -8.85              | -8.49              |                    | -8.18              | -7.97              | -8.11              |                    | 0.54      | -0.02               | 9.22                | 9.24        |
| VHT80, M0.2 to M9.2    | 6        | 10.77                         | -8.12              | -8.38              | -7.89              |                    | -7.66              | -7.06              | -8.06              |                    | 0.54      | 0.48                | 12.23               | 11.75       |
| VHT80, M0.3 to M9.3    | 6        | 9.01                          | -8.71              | -8.74              | -7.20              |                    | -7.67              | -6.32              | -8.07              |                    | 0.54      | 0.62                | 13.99               | 13.37       |
| VHT80, M0.4 to M9.4    | 6        | 7.76                          | -8.66              | -8.20              | -6.71              |                    | -7.88              | -5.75              | -7.49              |                    | 0.54      | 0.99                | 15.24               | 14.25       |
| VHT80, M0.5 to M9.5    | 6        | 6.79                          | -8.61              | -7.49              | -6.18              |                    | -8.24              | -5.82              | -6.88              |                    | 0.54      | 1.24                | 16.21               | 14.97       |
| VHT80, M0.6 to M9.6    | 6        | 6.00                          | -8.53              | -9.09              | -8.31              |                    | -8.08              | -7.93              | -8.04              |                    | 0.54      | 0.01                | 17.00               | 16.99       |
| VHT80, M0.1 to M9.1    | 8        | 15.03                         | -9.81              | -10.10             | -9.43              | -9.36              | -9.25              | -8.98              | -9.03              | -9.21              | 0.54      | 0.19                | 7.97                | 7.78        |

|                     |   |       |        |        |        |        |        |        |        |        |      |       |       |       |
|---------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|------|-------|-------|-------|
| VHT80, M0.2 to M9.2 | 8 | 12.02 | -9.12  | -9.45  | -8.93  | -8.64  | -8.35  | -8.31  | -8.70  | -8.73  | 0.54 | 0.81  | 10.98 | 10.17 |
| VHT80, M0.3 to M9.3 | 8 | 10.26 | -9.74  | -9.78  | -8.40  | -7.99  | -8.88  | -7.28  | -7.85  | -9.13  | 0.54 | 1.02  | 12.74 | 11.72 |
| VHT80, M0.4 to M9.4 | 8 | 9.01  | -9.67  | -9.90  | -7.59  | -7.05  | -8.83  | -6.61  | -7.59  | -9.43  | 0.54 | 1.40  | 13.99 | 12.59 |
| VHT80, M0.5 to M9.5 | 8 | 8.04  | -9.62  | -9.24  | -8.20  | -7.96  | -9.43  | -7.46  | -6.98  | -9.13  | 0.54 | 1.17  | 14.96 | 13.79 |
| VHT80, M0.6 to M9.6 | 8 | 7.25  | -9.56  | -9.87  | -7.48  | -9.22  | -9.33  | -8.65  | -7.27  | -9.11  | 0.54 | 0.86  | 15.75 | 14.89 |
| VHT80, M0.7 to M9.7 | 8 | 6.58  | -9.71  | -9.57  | -8.34  | -8.65  | -9.27  | -8.45  | -7.83  | -8.95  | 0.54 | 0.77  | 16.42 | 15.65 |
| VHT80, M0.8 to M9.8 | 8 | 6.00  | -9.60  | -10.01 | -9.28  | -9.49  | -8.83  | -8.67  | -9.04  | -9.22  | 0.54 | 0.32  | 17.00 | 16.68 |
| VHT80, M0.1 to M9.1 | 2 | 9.01  | -7.74  | -8.15  |        |        |        |        |        |        | 0.54 | -4.39 | 13.99 | 18.38 |
| VHT80, M0.2 to M9.2 | 2 | 6.00  | -6.51  | -7.30  |        |        |        |        |        |        | 0.54 | -3.34 | 17.00 | 20.34 |
| VHT80, M0.1 to M9.1 | 3 | 10.77 | -9.65  | -10.21 | -9.29  |        |        |        |        |        | 0.54 | -4.39 | 12.23 | 16.62 |
| VHT80, M0.2 to M9.2 | 3 | 7.76  | -8.19  | -8.14  | -7.83  |        |        |        |        |        | 0.54 | -2.74 | 15.24 | 17.98 |
| VHT80, M0.3 to M9.3 | 3 | 6.00  | -7.66  | -7.86  | -7.42  |        |        |        |        |        | 0.54 | -2.33 | 17.00 | 19.33 |
| VHT80, M0.1 to M9.1 | 4 | 12.02 | -11.72 | -12.15 | -11.26 | -11.46 |        |        |        |        | 0.54 | -5.07 | 10.98 | 16.05 |
| VHT80, M0.2 to M9.2 | 4 | 9.01  | -9.41  | -9.43  | -8.79  | -8.77  |        |        |        |        | 0.54 | -2.53 | 13.99 | 16.52 |
| VHT80, M0.3 to M9.3 | 4 | 7.25  | -7.45  | -7.16  | -7.19  | -6.71  |        |        |        |        | 0.54 | -0.56 | 15.75 | 16.31 |
| VHT80, M0.4 to M9.4 | 4 | 6.00  | -7.49  | -7.98  | -7.50  | -7.35  |        |        |        |        | 0.54 | -1.01 | 17.00 | 18.01 |
| VHT80, M0.1 to M9.1 | 6 | 13.78 | -14.51 | -14.71 | -14.29 |        | -13.89 | -13.79 | -14.32 |        | 0.54 | -5.92 | 9.22  | 15.14 |
| VHT80, M0.2 to M9.2 | 6 | 10.77 | -10.75 | -11.45 | -10.80 |        | -10.92 | -10.27 | -10.54 |        | 0.54 | -2.45 | 12.23 | 14.68 |
| VHT80, M0.3 to M9.3 | 6 | 9.01  | -10.05 | -10.63 | -8.78  |        | -9.76  | -8.49  | -10.16 |        | 0.54 | -1.26 | 13.99 | 15.25 |
| VHT80, M0.4 to M9.4 | 6 | 7.76  | -9.71  | -9.04  | -7.23  |        | -9.31  | -6.81  | -8.50  |        | 0.54 | 0.02  | 15.24 | 15.22 |
| VHT80, M0.5 to M9.5 | 6 | 6.79  | -8.54  | -7.35  | -6.12  |        | -8.03  | -5.75  | -6.67  |        | 0.54 | 1.36  | 16.21 | 14.85 |
| VHT80, M0.6 to M9.6 | 6 | 6.00  | -8.49  | -8.94  | -8.36  |        | -8.35  | -7.93  | -7.90  |        | 0.54 | 0.01  | 17.00 | 16.99 |
| VHT80, M0.1 to M9.1 | 8 | 15.03 | -17.04 | -17.81 | -17.32 | -17.08 | -16.89 | -17.00 | -17.03 | -17.69 | 0.54 | -7.65 | 7.97  | 15.62 |
| VHT80, M0.2 to M9.2 | 8 | 12.02 | -12.85 | -13.22 | -12.64 | -12.51 | -12.53 | -12.30 | -12.62 | -12.49 | 0.54 | -3.07 | 10.98 | 14.05 |
| VHT80, M0.3 to M9.3 | 8 | 10.26 | -11.43 | -11.85 | -10.58 | -9.99  | -11.18 | -10.04 | -10.37 | -11.20 | 0.54 | -1.21 | 12.74 | 13.95 |
| VHT80, M0.4 to M9.4 | 8 | 9.01  | -11.40 | -11.79 | -9.62  | -9.13  | -11.32 | -9.14  | -9.74  | -10.97 | 0.54 | -0.70 | 13.99 | 14.69 |
| VHT80, M0.5 to M9.5 | 8 | 8.04  | -10.29 | -10.44 | -8.50  | -8.70  | -10.19 | -8.68  | -8.10  | -10.53 | 0.54 | 0.25  | 14.96 | 14.71 |
| VHT80, M0.6 to M9.6 | 8 | 7.25  | -10.53 | -10.85 | -8.57  | -9.59  | -10.06 | -9.61  | -7.91  | -10.49 | 0.54 | -0.02 | 15.75 | 15.77 |

|                     |   |       |        |        |        |       |       |       |       |        |      |       |       |       |
|---------------------|---|-------|--------|--------|--------|-------|-------|-------|-------|--------|------|-------|-------|-------|
| VHT80, M0.7 to M9.7 | 8 | 6.58  | -9.70  | -9.42  | -8.18  | -8.83 | -9.09 | -8.34 | -7.88 | -8.95  | 0.54 | 0.81  | 16.42 | 15.61 |
| VHT80, M0.8 to M9.8 | 8 | 6.00  | -9.61  | -10.12 | -9.55  | -9.70 | -9.14 | -9.09 | -9.29 | -9.38  | 0.54 | 0.10  | 17.00 | 16.90 |
| VHT80, M0 to M9     | 2 | 6.00  | -6.47  | -6.96  |        |       |       |       |       |        | 0.54 | -3.16 | 17.00 | 20.16 |
| VHT80, M0 to M9     | 3 | 6.00  | -7.56  | -8.00  | -7.22  |       |       |       |       |        | 0.54 | -2.27 | 17.00 | 19.27 |
| VHT80, M0 to M9     | 4 | 6.00  | -7.55  | -7.79  | -7.57  | -7.27 |       |       |       |        | 0.54 | -0.98 | 17.00 | 17.98 |
| VHT80, M0 to M9     | 6 | 6.00  | -8.59  | -9.30  | -8.36  |       | -8.10 | -7.80 | -7.93 |        | 0.54 | 0.00  | 17.00 | 17.00 |
| VHT80, M0 to M9     | 8 | 6.00  | -9.85  | -9.81  | -9.21  | -9.43 | -9.04 | -8.76 | -9.04 | -9.45  | 0.54 | 0.26  | 17.00 | 16.74 |
| HE80, M0.1 to M11.1 | 1 | 6.00  | -5.39  |        |        |       |       |       |       |        | 0.44 | -4.95 | 17.00 | 21.95 |
| HE80, M0.1 to M11.1 | 2 | 9.01  | -6.23  | -6.57  |        |       |       |       |       |        | 0.44 | -2.95 | 13.99 | 16.94 |
| HE80, M0.2 to M11.2 | 2 | 6.00  | -6.11  | -6.77  |        |       |       |       |       |        | 0.44 | -2.98 | 17.00 | 19.98 |
| HE80, M0.1 to M11.1 | 3 | 10.77 | -7.31  | -7.85  | -7.16  |       |       |       |       |        | 0.44 | -2.22 | 12.23 | 14.45 |
| HE80, M0.2 to M11.2 | 3 | 7.76  | -7.47  | -7.57  | -6.97  |       |       |       |       |        | 0.44 | -2.12 | 15.24 | 17.36 |
| HE80, M0.3 to M11.3 | 3 | 6.00  | -7.35  | -7.56  | -7.17  |       |       |       |       |        | 0.44 | -2.15 | 17.00 | 19.15 |
| HE80, M0.1 to M11.1 | 4 | 12.02 | -7.40  | -7.73  | -7.05  | -7.07 |       |       |       |        | 0.44 | -0.84 | 10.98 | 11.82 |
| HE80, M0.2 to M11.2 | 4 | 9.01  | -6.99  | -7.61  | -7.33  | -6.97 |       |       |       |        | 0.44 | -0.76 | 13.99 | 14.75 |
| HE80, M0.3 to M11.3 | 4 | 7.25  | -7.24  | -7.42  | -7.29  | -6.49 |       |       |       |        | 0.44 | -0.63 | 15.75 | 16.38 |
| HE80, M0.4 to M11.4 | 4 | 6.00  | -7.63  | -7.56  | -7.18  | -6.98 |       |       |       |        | 0.44 | -0.87 | 17.00 | 17.87 |
| HE80, M0.1 to M11.1 | 6 | 13.78 | -8.16  | -8.14  | -8.07  |       | -7.60 | -7.42 | -7.22 |        | 0.44 | 0.47  | 9.22  | 8.75  |
| HE80, M0.2 to M11.2 | 6 | 10.77 | -8.26  | -8.06  | -7.92  |       | -7.91 | -7.67 | -7.52 |        | 0.44 | 0.34  | 12.23 | 11.89 |
| HE80, M0.3 to M11.3 | 6 | 9.01  | -8.63  | -7.86  | -7.77  |       | -7.62 | -7.30 | -7.62 |        | 0.44 | 0.44  | 13.99 | 13.55 |
| HE80, M0.4 to M11.4 | 6 | 7.76  | -8.40  | -8.24  | -7.87  |       | -7.68 | -7.04 | -7.68 |        | 0.44 | 0.43  | 15.24 | 14.81 |
| HE80, M0.5 to M11.5 | 6 | 6.79  | -8.16  | -8.14  | -7.39  |       | -7.61 | -6.67 | -7.58 |        | 0.44 | 0.66  | 16.21 | 15.55 |
| HE80, M0.6 to M11.6 | 6 | 6.00  | -8.27  | -7.98  | -8.21  |       | -7.85 | -7.82 | -7.65 |        | 0.44 | 0.26  | 17.00 | 16.74 |
| HE80, M0.1 to M11.1 | 8 | 15.03 | -10.20 | -10.08 | -9.99  | -9.76 | -9.53 | -9.36 | -9.75 | -10.33 | 0.44 | -0.39 | 7.97  | 8.36  |
| HE80, M0.2 to M11.2 | 8 | 12.02 | -9.97  | -10.50 | -9.89  | -9.93 | -9.63 | -9.72 | -9.64 | -10.26 | 0.44 | -0.46 | 10.98 | 11.44 |
| HE80, M0.3 to M11.3 | 8 | 10.26 | -10.11 | -10.45 | -9.99  | -9.76 | -9.84 | -9.49 | -9.49 | -10.17 | 0.44 | -0.43 | 12.74 | 13.17 |
| HE80, M0.4 to M11.4 | 8 | 9.01  | -10.39 | -10.11 | -9.89  | -9.70 | -9.95 | -9.29 | -9.15 | -10.23 | 0.44 | -0.35 | 13.99 | 14.34 |
| HE80, M0.5 to M11.5 | 8 | 8.04  | -10.05 | -10.22 | -10.00 | -9.45 | -9.74 | -9.01 | -9.57 | -10.38 | 0.44 | -0.31 | 14.96 | 15.27 |



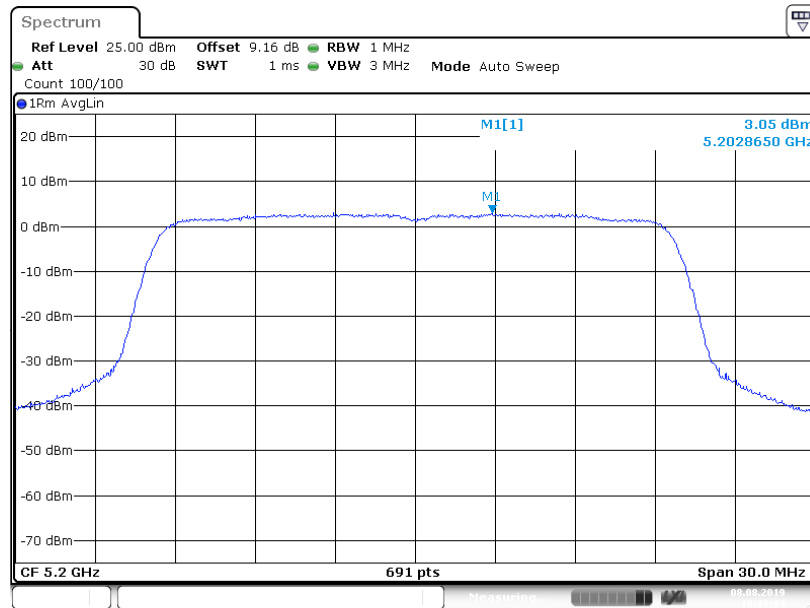
|                        |   |       |        |        |        |        |        |        |        |        |      |       |       |       |
|------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|------|-------|-------|-------|
| HE80, M0.6 to M11.6    | 8 | 7.25  | -10.24 | -10.09 | -9.84  | -9.30  | -9.88  | -8.85  | -9.60  | -9.96  | 0.44 | -0.23 | 15.75 | 15.98 |
| HE80, M0.7 to M11.7    | 8 | 6.58  | -10.20 | -9.93  | -10.28 | -9.54  | -9.83  | -9.18  | -9.53  | -9.97  | 0.44 | -0.32 | 16.42 | 16.74 |
| HE80, M0.8 to M11.8    | 8 | 6.00  | -10.13 | -10.13 | -10.11 | -9.91  | -9.60  | -9.49  | -9.63  | -10.46 | 0.44 | -0.45 | 17.00 | 17.45 |
| HE80, M0.1 to M11.1-BF | 2 | 9.01  | -8.35  | -8.01  |        |        |        |        |        |        | 0.44 | -4.73 | 13.99 | 18.72 |
| HE80, M0.2 to M11.2-BF | 2 | 6.00  | -6.34  | -6.20  |        |        |        |        |        |        | 0.44 | -2.82 | 17.00 | 19.82 |
| HE80, M0.1 to M11.1-BF | 3 | 10.77 | -10.01 | -10.69 | -10.25 |        |        |        |        |        | 0.44 | -5.10 | 12.23 | 17.33 |
| HE80, M0.2 to M11.2-BF | 3 | 7.76  | -8.34  | -8.08  | -7.99  |        |        |        |        |        | 0.44 | -2.92 | 15.24 | 18.16 |
| HE80, M0.3 to M11.3-BF | 3 | 6.00  | -7.55  | -7.08  | -7.11  |        |        |        |        |        | 0.44 | -2.03 | 17.00 | 19.03 |
| HE80, M0.1 to M11.1-BF | 4 | 12.02 | -11.29 | -11.09 | -10.76 | -11.01 |        |        |        |        | 0.44 | -4.57 | 10.98 | 15.55 |
| HE80, M0.2 to M11.2-BF | 4 | 9.01  | -10.13 | -10.27 | -10.18 | -9.46  |        |        |        |        | 0.44 | -3.54 | 13.99 | 17.53 |
| HE80, M0.3 to M11.3-BF | 4 | 7.25  | -9.46  | -8.93  | -9.33  | -8.67  |        |        |        |        | 0.44 | -2.63 | 15.75 | 18.38 |
| HE80, M0.4 to M11.4-BF | 4 | 6.00  | -7.45  | -7.25  | -7.36  | -7.30  |        |        |        |        | 0.44 | -0.88 | 17.00 | 17.88 |
| HE80, M0.1 to M11.1-BF | 6 | 13.78 | -14.31 | -13.99 | -14.18 |        | -13.61 | -13.35 | -13.33 |        | 0.44 | -5.56 | 9.22  | 14.78 |
| HE80, M0.2 to M11.2-BF | 6 | 10.77 | -11.13 | -11.14 | -10.60 |        | -11.10 | -10.97 | -10.74 |        | 0.44 | -2.72 | 12.23 | 14.95 |
| HE80, M0.3 to M11.3-BF | 6 | 9.01  | -10.33 | -10.12 | -9.81  |        | -9.90  | -9.31  | -9.41  |        | 0.44 | -1.58 | 13.99 | 15.57 |
| HE80, M0.4 to M11.4-BF | 6 | 7.76  | -10.41 | -10.24 | -9.89  |        | -9.70  | -9.12  | -9.48  |        | 0.44 | -1.56 | 15.24 | 16.80 |
| HE80, M0.5 to M11.5-BF | 6 | 6.79  | -9.73  | -8.82  | -8.18  |        | -9.13  | -8.14  | -8.56  |        | 0.44 | -0.50 | 16.21 | 16.71 |
| HE80, M0.6 to M11.6-BF | 6 | 6.00  | -9.44  | -9.11  | -8.99  |        | -8.78  | -8.78  | -8.78  |        | 0.44 | -0.75 | 17.00 | 17.75 |
| HE80, M0.1 to M11.1-BF | 8 | 15.03 | -17.23 | -16.92 | -16.34 | -16.84 | -16.92 | -16.26 | -16.70 | -17.39 | 0.44 | -7.34 | 7.97  | 15.31 |
| HE80, M0.2 to M11.2-BF | 8 | 12.02 | -14.43 | -13.74 | -13.58 | -13.88 | -13.38 | -13.23 | -13.46 | -13.99 | 0.44 | -4.23 | 10.98 | 15.21 |
| HE80, M0.3 to M11.3-BF | 8 | 10.26 | -12.35 | -11.76 | -11.93 | -11.78 | -11.53 | -11.18 | -11.46 | -12.06 | 0.44 | -2.27 | 12.74 | 15.01 |
| HE80, M0.4 to M11.4-BF | 8 | 9.01  | -11.14 | -11.05 | -10.84 | -10.72 | -11.08 | -10.43 | -10.38 | -10.78 | 0.44 | -1.32 | 13.99 | 15.31 |
| HE80, M0.5 to M11.5-BF | 8 | 8.04  | -11.31 | -11.02 | -11.00 | -10.53 | -11.09 | -10.07 | -11.07 | -10.58 | 0.44 | -1.35 | 14.96 | 16.31 |
| HE80, M0.6 to M11.6-BF | 8 | 7.25  | -10.17 | -9.93  | -10.41 | -9.44  | -9.76  | -8.77  | -9.68  | -10.21 | 0.44 | -0.30 | 15.75 | 16.05 |
| HE80, M0.7 to M11.7-BF | 8 | 6.58  | -10.19 | -9.84  | -10.11 | -9.22  | -9.93  | -9.13  | -9.39  | -9.78  | 0.44 | -0.21 | 16.42 | 16.63 |
| HE80, M0.8 to M11.8-BF | 8 | 6.00  | -10.31 | -10.29 | -10.05 | -9.98  | -9.87  | -9.42  | -9.77  | -10.33 | 0.44 | -0.52 | 17.00 | 17.52 |
| HE80, M0 to M11-STBC   | 2 | 6.00  | -6.46  | -6.19  |        |        |        |        |        |        | 0.44 | -2.87 | 17.00 | 19.87 |
| HE80, M0 to M11-STBC   | 3 | 6.00  | -7.37  | -7.16  | -6.89  |        |        |        |        |        | 0.44 | -1.92 | 17.00 | 18.92 |

|                      |   |      |       |       |       |       |       |       |       |       |      |       |       |       |
|----------------------|---|------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| HE80, M0 to M11-STBC | 4 | 6.00 | -7.74 | -7.04 | -7.00 | -6.93 |       |       |       |       | 0.44 | -0.70 | 17.00 | 17.70 |
| HE80, M0 to M11-STBC | 6 | 6.00 | -8.56 | -8.29 | -7.90 |       | -7.58 | -7.54 | -7.31 |       | 0.44 | 0.38  | 17.00 | 16.62 |
| HE80, M0 to M11-STBC | 8 | 6.00 | -9.52 | -9.39 | -8.73 | -9.16 | -8.96 | -8.78 | -8.83 | -9.01 | 0.44 | 0.43  | 17.00 | 16.57 |

Please refer to the following plots for the worst case configuration

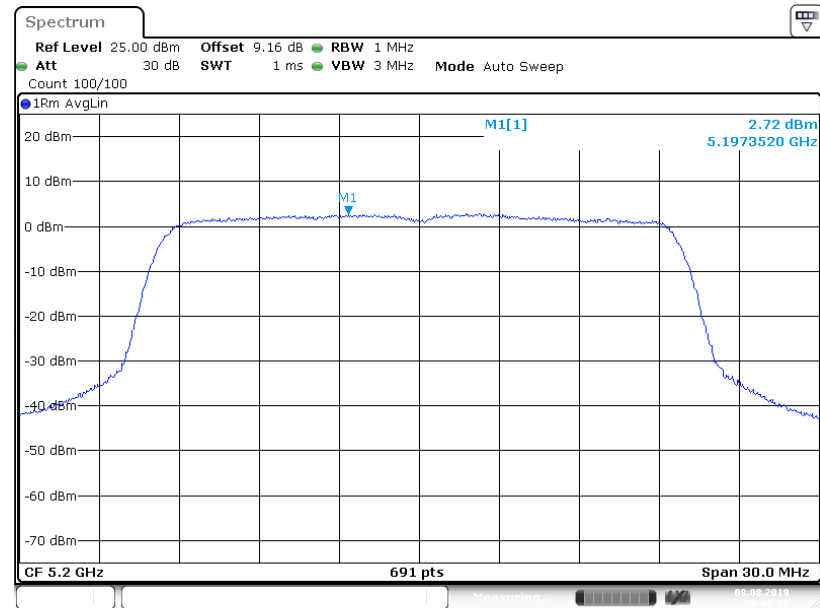
5200MHz HE20, M0.3 to M11.3

Ant-a



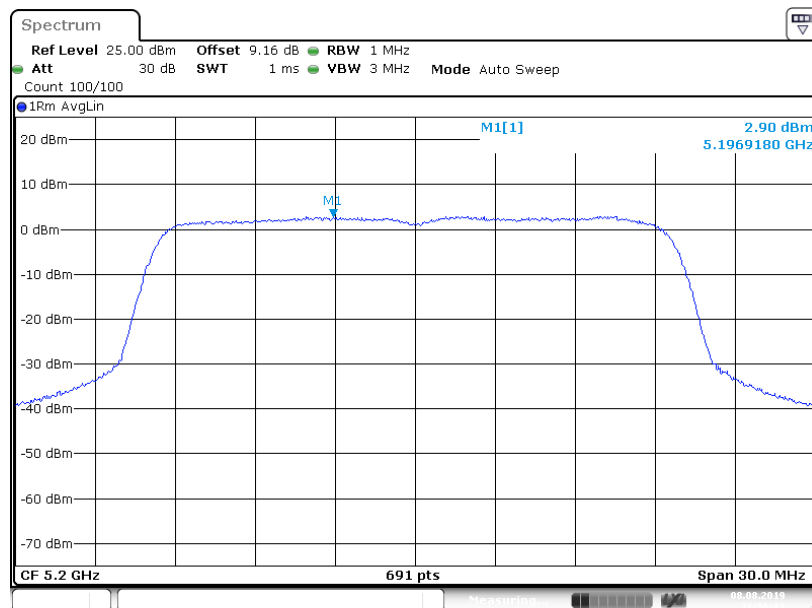
Date: 8.AUG.2019 19:18:34

Ant-b



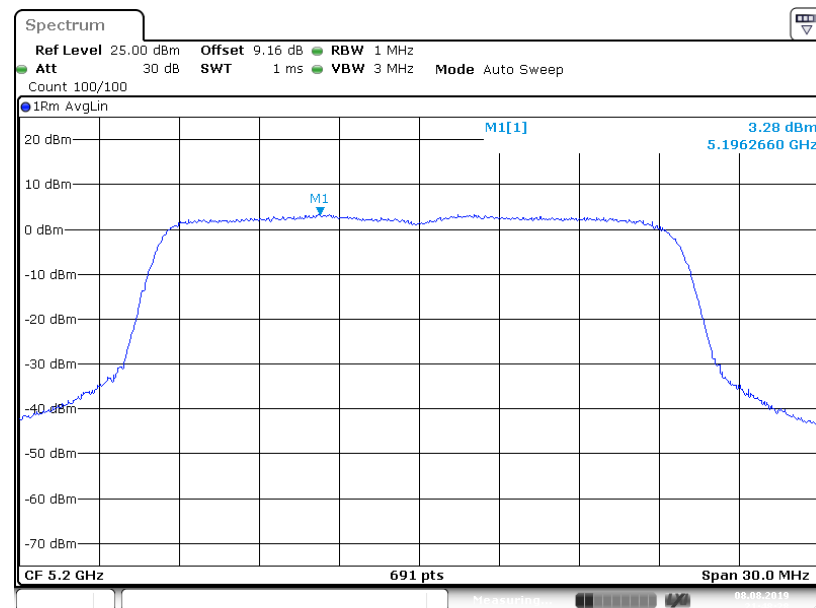
Date: 8.AUG.2019 20:08:19

Ant-c



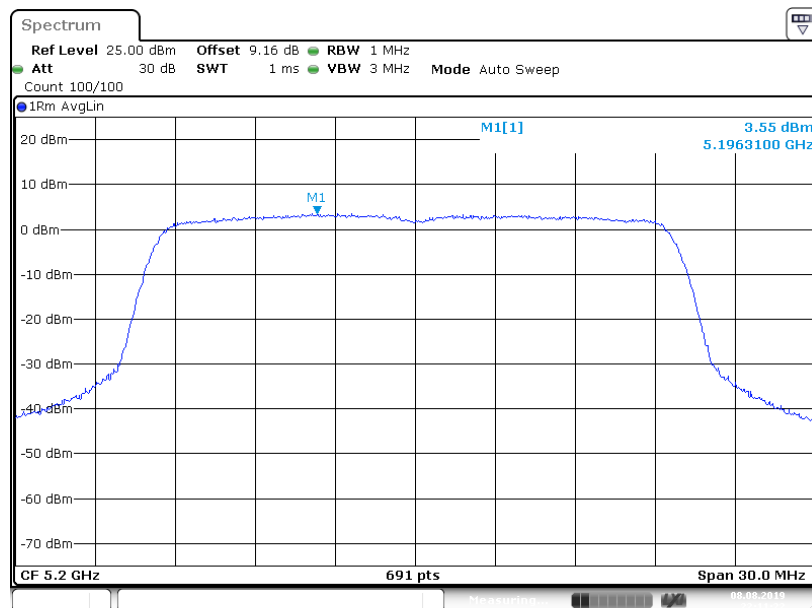
Date: 8.AUG.2019 21:16:13

Ant-d



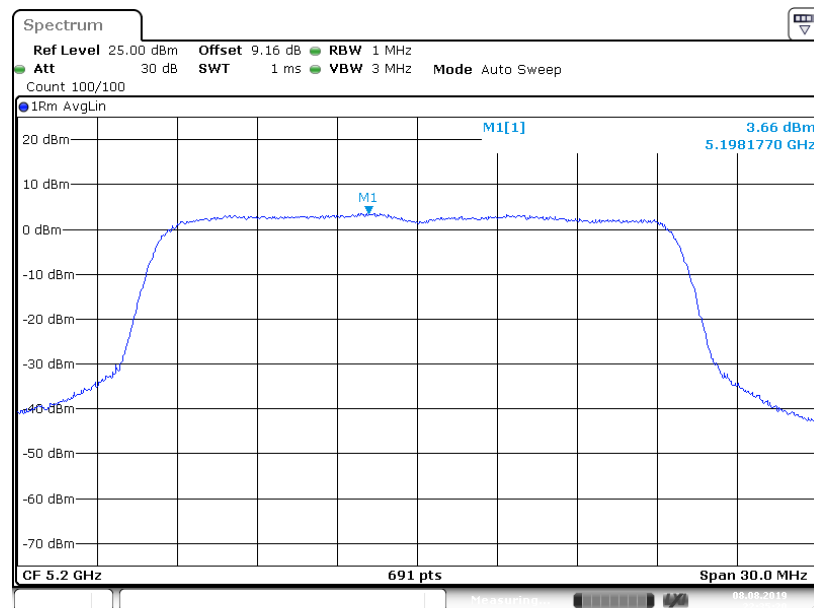
Date: 8.AUG.2019 21:48:29

Ant-e



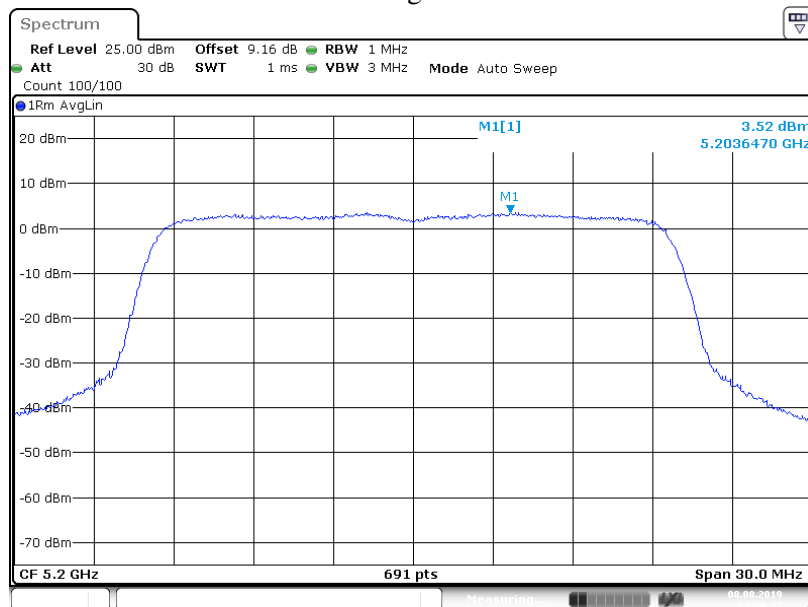
Date: 8.AUG.2019 22:11:23

Ant-f



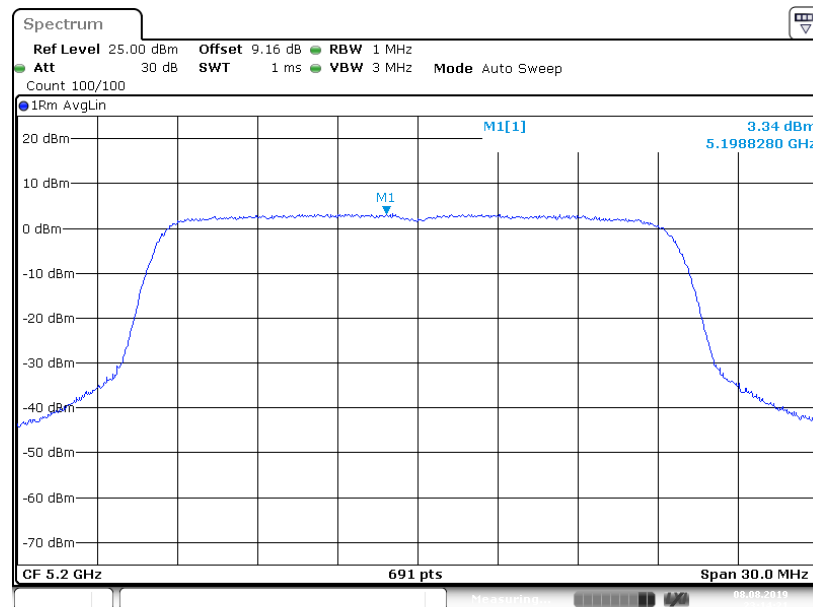
Date: 8.AUG.2019 22:35:20

Ant-g



Date: 8.AUG.2019 22:58:38

Ant-h



Date: 8.AUG.2019 23:14:22

**Test results for Out of Band Emissions**

5180 MHz (Peak):

| Mode                               | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Tx 5 Spurious (dBm) | Tx 6 Spurious (dBm) | Tx 7 Spurious (dBm) | Tx 8 Spurious (dBm) | Total (dBm) | FCC Peak Limit (dBm) | Margin (dB) |
|------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------|----------------------|-------------|
| non HT20, 6 to 54 Mbps             | 1        | 6.00                          | -67.34              |                     |                     |                     |                     |                     |                     |                     | -61.34      | -21.25               | 40.09       |
| non HT20, 6 to 54 Mbps             | 2        | 6.00                          | -66.48              | -67.39              |                     |                     |                     |                     |                     |                     | -57.90      | -21.25               | 36.65       |
| non HT20, 6 to 54 Mbps             | 3        | 6.00                          | -67.57              | -67.11              | -67.23              |                     |                     |                     |                     |                     | -56.53      | -21.25               | 35.28       |
| non HT20, 6 to 54 Mbps             | 4        | 6.00                          | -67.46              | -65.59              | -67.08              | -66.20              |                     |                     |                     |                     | -54.50      | -21.25               | 33.25       |
| non HT20, 6 to 54 Mbps             | 6        | 9.00                          | -67.49              | -66.78              | -66.93              |                     | -66.52              | -67.34              | -66.12              |                     | -50.06      | -21.25               | 28.81       |
| non HT20, 6 to 54 Mbps             | 8        | 9.00                          | -66.98              | -67.07              | -66.96              | -67.63              | -67.59              | -67.84              | -67.42              | -67.13              | -49.29      | -21.25               | 28.04       |
| non HT20, 6 to 54 Mbps-BF          | 2        | 9.01                          | -67.93              | -67.05              |                     |                     |                     |                     |                     |                     | -55.45      | -21.25               | 34.20       |
| non HT20, 6 to 54 Mbps-BF          | 3        | 10.77                         | -65.75              | -67.31              | -66.28              |                     |                     |                     |                     |                     | -50.86      | -21.25               | 29.61       |
| non HT20, 6 to 54 Mbps-BF          | 4        | 12.02                         | -67.05              | -67.47              | -67.80              | -66.64              |                     |                     |                     |                     | -49.17      | -21.25               | 27.92       |
| non HT20, 6 to 54 Mbps-BF          | 6        | 13.78                         | -67.71              | -67.53              | -67.46              |                     | -67.78              | -66.84              | -67.20              |                     | -45.85      | -21.25               | 24.60       |
| non HT20, 6 to 54 Mbps-BF          | 8        | 15.03                         | -66.88              | -66.90              | -67.41              | -67.62              | -66.77              | -67.89              | -67.78              | -67.33              | -43.24      | -21.25               | 21.99       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 1        | 6.00                          | -66.72              |                     |                     |                     |                     |                     |                     |                     | -60.72      | -21.25               | 39.47       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 2        | 6.00                          | -67.84              | -66.54              |                     |                     |                     |                     |                     |                     | -58.13      | -21.25               | 36.88       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 2        | 6.00                          | -65.74              | -67.15              |                     |                     |                     |                     |                     |                     | -57.38      | -21.25               | 36.13       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 3        | 6.00                          | -67.25              | -67.62              | -67.48              |                     |                     |                     |                     |                     | -56.68      | -21.25               | 35.43       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 3        | 6.00                          | -67.10              | -66.54              | -65.98              |                     |                     |                     |                     |                     | -55.74      | -21.25               | 34.49       |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 3        | 6.00                          | -65.96              | -68.06              | -66.95              |                     |                     |                     |                     |                     | -56.13      | -21.25               | 34.88       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 4        | 6.00                          | -67.45              | -66.88              | -66.66              | -67.22              |                     |                     |                     |                     | -55.02      | -21.25               | 33.77       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 4        | 6.00                          | -67.41              | -67.39              | -66.49              | -67.07              |                     |                     |                     |                     | -55.05      | -21.25               | 33.80       |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 4        | 6.00                          | -67.44              | -66.47              | -66.93              | -66.74              |                     |                     |                     |                     | -54.86      | -21.25               | 33.61       |
| HT/VHT20, M24 to M31, M0.4 to M8.4 | 4        | 6.00                          | -66.96              | -67.20              | -66.74              | -66.44              |                     |                     |                     |                     | -54.81      | -21.25               | 33.56       |

|                                        |   |       |        |        |        |        |        |        |        |        |        |        |       |
|----------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HT/VHT20, M0 to M7, M0.1 to M8.1       | 6 | 9.00  | -67.34 | -66.91 | -66.95 |        | -67.40 | -66.75 | -67.31 |        | -50.32 | -21.25 | 29.07 |
| HT/VHT20, M8 to M15, M0.2 to M8.2      | 6 | 8.39  | -67.27 | -67.45 | -67.48 |        | -67.29 | -67.79 | -67.02 |        | -51.21 | -21.25 | 29.96 |
| HT/VHT20, M16 to M23, M0.3 to M8.3     | 6 | 7.51  | -67.66 | -67.94 | -67.72 |        | -67.60 | -67.09 | -67.14 |        | -52.22 | -21.25 | 30.97 |
| HT/VHT20, M24 to M31, M0.4 to M8.4     | 6 | 6.88  | -67.30 | -66.94 | -67.38 |        | -67.62 | -66.76 | -66.05 |        | -52.31 | -21.25 | 31.06 |
| VHT20, M0.5 to M8.5                    | 6 | 6.40  | -66.81 | -67.41 | -67.97 |        | -67.54 | -66.42 | -67.87 |        | -53.12 | -21.25 | 31.87 |
| VHT20, M0.6 to M8.6                    | 6 | 6.00  | -66.42 | -67.32 | -67.12 |        | -67.30 | -67.21 | -65.65 |        | -53.01 | -21.25 | 31.76 |
| HT/VHT20, M0 to M7, M0.1 to M8.1       | 8 | 9.00  | -67.23 | -66.19 | -66.28 | -67.35 | -67.57 | -67.37 | -66.79 | -67.66 | -48.99 | -21.25 | 27.74 |
| HT/VHT20, M8 to M15, M0.2 to M8.2      | 8 | 9.00  | -67.31 | -66.84 | -67.58 | -67.64 | -66.97 | -67.88 | -67.00 | -66.36 | -49.14 | -21.25 | 27.89 |
| HT/VHT20, M16 to M23, M0.3 to M8.3     | 8 | 8.13  | -66.85 | -67.74 | -67.35 | -66.40 | -67.36 | -67.43 | -67.92 | -66.65 | -50.02 | -21.25 | 28.77 |
| HT/VHT20, M24 to M31, M0.4 to M8.4     | 8 | 7.51  | -67.24 | -67.54 | -67.32 | -67.48 | -67.03 | -66.84 | -67.47 | -66.12 | -50.57 | -21.25 | 29.32 |
| VHT20, M0.5 to M8.5                    | 8 | 7.02  | -66.93 | -66.90 | -66.95 | -67.31 | -67.58 | -67.19 | -67.79 | -66.61 | -51.09 | -21.25 | 29.84 |
| VHT20, M0.6 to M8.6                    | 8 | 6.62  | -67.12 | -67.76 | -68.04 | -66.31 | -67.43 | -66.75 | -66.92 | -67.89 | -51.59 | -21.25 | 30.34 |
| VHT20, M0.7 to M8.7                    | 8 | 6.29  | -66.46 | -66.83 | -67.07 | -67.42 | -67.36 | -66.98 | -67.05 | -67.45 | -51.74 | -21.25 | 30.49 |
| VHT20, M0.8 to M8.8                    | 8 | 6.00  | -67.47 | -66.95 | -67.03 | -67.85 | -67.30 | -67.30 | -67.71 | -67.28 | -52.32 | -21.25 | 31.07 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 2 | 9.01  | -66.23 | -67.63 |        |        |        |        |        |        | -54.85 | -21.25 | 33.60 |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 2 | 6.00  | -67.50 | -67.11 |        |        |        |        |        |        | -58.29 | -21.25 | 37.04 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 3 | 10.77 | -66.89 | -67.47 | -67.92 |        |        |        |        |        | -51.86 | -21.25 | 30.61 |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 3 | 7.76  | -66.72 | -67.22 | -67.20 |        |        |        |        |        | -54.51 | -21.25 | 33.26 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 3 | 6.00  | -67.42 | -66.70 | -66.68 |        |        |        |        |        | -56.15 | -21.25 | 34.90 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 4 | 12.02 | -66.69 | -66.97 | -66.41 | -67.33 |        |        |        |        | -48.80 | -21.25 | 27.55 |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 4 | 9.01  | -67.29 | -67.16 | -67.38 | -66.73 |        |        |        |        | -52.10 | -21.25 | 30.85 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 4 | 7.25  | -67.84 | -67.18 | -67.18 | -67.79 |        |        |        |        | -54.21 | -21.25 | 32.96 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF  | 4 | 6.00  | -66.41 | -67.39 | -67.46 | -66.50 |        |        |        |        | -54.89 | -21.25 | 33.64 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 6 | 13.78 | -67.56 | -67.15 | -67.71 |        | -66.94 | -67.60 | -66.70 |        | -45.70 | -21.25 | 24.45 |
| HT/VHT20, M8 to M15, M0.2 to M8.2 -BF  | 6 | 10.77 | -66.41 | -67.04 | -67.29 |        | -67.13 | -66.94 | -67.20 |        | -48.44 | -21.25 | 27.19 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 6 | 9.01  | -66.03 | -67.63 | -67.08 |        | -67.20 | -66.05 | -67.39 |        | -50.06 | -21.25 | 28.81 |
| HT/VHT20, M24 to M31, M0.4 to M8.4 -BF | 6 | 7.76  | -67.27 | -66.39 | -67.12 |        | -66.35 | -67.39 | -66.94 |        | -51.35 | -21.25 | 30.10 |
| VHT20, M0.5 to M8.5-BF                 | 6 | 6.79  | -67.13 | -66.24 | -66.28 |        | -66.45 | -67.26 | -67.20 |        | -52.16 | -21.25 | 30.91 |



|                                       |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT20, M0.6 to M8.6-BF                | 6 | 6.00  | -67.42 | -66.88 | -66.54 |        | -66.75 | -67.24 | -68.05 |        | -53.34 | -21.25 | 32.09 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF   | 8 | 15.03 | -66.91 | -66.53 | -66.97 | -67.28 | -66.83 | -65.97 | -67.67 | -67.18 | -42.83 | -21.25 | 21.58 |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 8 | 12.02 | -68.01 | -67.90 | -67.42 | -67.44 | -67.93 | -67.39 | -67.36 | -66.63 | -46.44 | -21.25 | 25.19 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 8 | 10.26 | -67.43 | -66.00 | -65.72 | -67.51 | -66.89 | -67.78 | -67.55 | -66.95 | -47.63 | -21.25 | 26.38 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 8 | 9.01  | -67.70 | -67.37 | -67.38 | -67.57 | -67.07 | -67.64 | -65.79 | -67.56 | -49.18 | -21.25 | 27.93 |
| VHT20, M0.5 to M8.5-BF                | 8 | 8.04  | -67.72 | -67.16 | -66.18 | -67.09 | -67.07 | -66.59 | -66.64 | -67.02 | -49.84 | -21.25 | 28.59 |
| VHT20, M0.6 to M8.6-BF                | 8 | 7.25  | -68.00 | -66.92 | -66.85 | -67.32 | -67.20 | -67.75 | -67.11 | -67.05 | -50.98 | -21.25 | 29.73 |
| VHT20, M0.7 to M8.7-BF                | 8 | 6.58  | -67.05 | -66.67 | -67.35 | -67.45 | -66.98 | -68.10 | -65.73 | -68.05 | -51.50 | -21.25 | 30.25 |
| VHT20, M0.8 to M8.8-BF                | 8 | 6.00  | -67.44 | -67.57 | -67.22 | -67.35 | -66.71 | -66.35 | -67.29 | -65.96 | -51.92 | -21.25 | 30.67 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 2 | 6.00  | -66.81 | -67.52 |        |        |        |        |        |        | -58.14 | -21.25 | 36.89 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 3 | 6.00  | -67.52 | -66.69 | -67.07 |        |        |        |        |        | -56.31 | -21.25 | 35.06 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 4 | 6.00  | -66.69 | -67.33 | -67.16 | -66.96 |        |        |        |        | -55.01 | -21.25 | 33.76 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 6 | 6.00  | -66.80 | -66.97 | -67.35 |        | -67.36 | -66.66 | -65.81 |        | -53.01 | -21.25 | 31.76 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 8 | 6.00  | -66.94 | -67.68 | -67.44 | -66.76 | -67.87 | -67.52 | -67.45 | -66.60 | -52.23 | -21.25 | 30.98 |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | -67.46 |        |        |        |        |        |        |        | -61.46 | -21.25 | 40.21 |
| HE20, M0.1 to M11.1                   | 2 | 6.00  | -67.60 | -67.11 |        |        |        |        |        |        | -58.34 | -21.25 | 37.09 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | -67.68 | -67.93 |        |        |        |        |        |        | -58.79 | -21.25 | 37.54 |
| HE20, M0.1 to M11.1                   | 3 | 6.00  | -67.98 | -66.68 | -65.43 |        |        |        |        |        | -55.80 | -21.25 | 34.55 |
| HE20, M0.2 to M11.2                   | 3 | 6.00  | -67.61 | -67.33 | -66.41 |        |        |        |        |        | -56.32 | -21.25 | 35.07 |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | -67.85 | -67.56 | -66.36 |        |        |        |        |        | -56.44 | -21.25 | 35.19 |
| HE20, M0.1 to M11.1                   | 4 | 6.00  | -67.53 | -67.07 | -66.88 | -66.87 |        |        |        |        | -55.06 | -21.25 | 33.81 |
| HE20, M0.2 to M11.2                   | 4 | 6.00  | -67.36 | -66.21 | -66.86 | -66.93 |        |        |        |        | -54.80 | -21.25 | 33.55 |
| HE20, M0.3 to M11.3                   | 4 | 6.00  | -66.49 | -67.07 | -67.62 | -67.37 |        |        |        |        | -55.10 | -21.25 | 33.85 |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | -66.13 | -67.68 | -66.80 | -67.84 |        |        |        |        | -55.03 | -21.25 | 33.78 |
| HE20, M0.1 to M11.1                   | 6 | 9.00  | -67.45 | -67.09 | -67.81 |        | -67.93 | -66.87 | -67.63 |        | -50.66 | -21.25 | 29.41 |
| HE20, M0.2 to M11.2                   | 6 | 8.39  | -66.00 | -67.13 | -67.43 |        | -65.38 | -67.61 | -66.74 |        | -50.47 | -21.25 | 29.22 |
| HE20, M0.3 to M11.3                   | 6 | 7.51  | -66.83 | -65.66 | -67.67 |        | -65.98 | -67.82 | -67.14 |        | -51.48 | -21.25 | 30.23 |
| HE20, M0.4 to M11.4                   | 6 | 6.88  | -67.00 | -67.06 | -66.41 |        | -66.72 | -67.24 | -65.55 |        | -51.96 | -21.25 | 30.71 |

|                        |   |       |        |        |        |        |        |        |        |        |        |        |       |
|------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE20, M0.5 to M11.5    | 6 | 6.40  | -67.63 | -67.32 | -67.01 |        | -67.54 | -67.45 | -67.20 |        | -53.17 | -21.25 | 31.92 |
| HE20, M0.6 to M11.6    | 6 | 6.00  | -67.05 | -67.47 | -66.96 |        | -67.33 | -67.05 | -67.57 |        | -53.45 | -21.25 | 32.20 |
| HE20, M0.1 to M11.1    | 8 | 9.00  | -67.79 | -66.65 | -67.26 | -67.43 | -66.95 | -66.71 | -67.62 | -66.73 | -49.09 | -21.25 | 27.84 |
| HE20, M0.2 to M11.2    | 8 | 9.00  | -67.68 | -66.80 | -66.40 | -67.31 | -66.47 | -67.34 | -67.16 | -67.46 | -49.03 | -21.25 | 27.78 |
| HE20, M0.3 to M11.3    | 8 | 8.13  | -67.26 | -67.31 | -67.32 | -67.25 | -67.30 | -67.26 | -67.13 | -67.69 | -50.15 | -21.25 | 28.90 |
| HE20, M0.4 to M11.4    | 8 | 7.51  | -67.30 | -66.60 | -66.95 | -67.46 | -66.74 | -67.50 | -67.07 | -67.87 | -50.63 | -21.25 | 29.38 |
| HE20, M0.5 to M11.5    | 8 | 7.02  | -67.24 | -67.59 | -67.29 | -67.34 | -66.42 | -67.19 | -67.07 | -66.64 | -51.03 | -21.25 | 29.78 |
| HE20, M0.6 to M11.6    | 8 | 6.62  | -66.51 | -66.69 | -67.62 | -66.82 | -66.45 | -66.97 | -67.79 | -67.89 | -51.41 | -21.25 | 30.16 |
| HE20, M0.7 to M11.7    | 8 | 6.29  | -67.63 | -66.92 | -66.45 | -67.80 | -67.47 | -67.36 | -67.44 | -65.88 | -51.75 | -21.25 | 30.50 |
| HE20, M0.8 to M11.8    | 8 | 6.00  | -67.17 | -67.65 | -67.59 | -67.63 | -67.25 | -66.26 | -67.47 | -67.49 | -52.26 | -21.25 | 31.01 |
| HE20, M0.1 to M11.1-BF | 2 | 9.01  | -67.74 | -67.32 |        |        |        |        |        |        | -55.50 | -21.25 | 34.25 |
| HE20, M0.2 to M11.2-BF | 2 | 6.00  | -67.52 | -67.26 |        |        |        |        |        |        | -58.38 | -21.25 | 37.13 |
| HE20, M0.1 to M11.1-BF | 3 | 10.77 | -66.64 | -67.65 | -67.08 |        |        |        |        |        | -51.56 | -21.25 | 30.31 |
| HE20, M0.2 to M11.2-BF | 3 | 7.76  | -66.47 | -66.71 | -67.44 |        |        |        |        |        | -54.32 | -21.25 | 33.07 |
| HE20, M0.3 to M11.3-BF | 3 | 6.00  | -67.33 | -67.33 | -66.33 |        |        |        |        |        | -56.20 | -21.25 | 34.95 |
| HE20, M0.1 to M11.1-BF | 4 | 12.02 | -66.35 | -67.14 | -67.25 | -66.55 |        |        |        |        | -48.76 | -21.25 | 27.51 |
| HE20, M0.2 to M11.2-BF | 4 | 9.01  | -66.42 | -67.62 | -66.91 | -67.76 |        |        |        |        | -52.11 | -21.25 | 30.86 |
| HE20, M0.3 to M11.3-BF | 4 | 7.25  | -66.35 | -67.67 | -66.74 | -67.03 |        |        |        |        | -53.65 | -21.25 | 32.40 |
| HE20, M0.4 to M11.4-BF | 4 | 6.00  | -66.97 | -67.83 | -67.76 | -67.08 |        |        |        |        | -55.37 | -21.25 | 34.12 |
| HE20, M0.1 to M11.1-BF | 6 | 13.78 | -67.83 | -67.92 | -66.52 |        | -67.78 | -65.12 | -66.81 |        | -45.31 | -21.25 | 24.06 |
| HE20, M0.2 to M11.2-BF | 6 | 10.77 | -67.61 | -67.08 | -66.34 |        | -67.19 | -67.28 | -67.54 |        | -48.60 | -21.25 | 27.35 |
| HE20, M0.3 to M11.3-BF | 6 | 9.01  | -67.43 | -66.65 | -66.81 |        | -68.11 | -66.63 | -65.49 |        | -49.99 | -21.25 | 28.74 |
| HE20, M0.4 to M11.4-BF | 6 | 7.76  | -67.17 | -67.51 | -67.68 |        | -67.64 | -66.94 | -67.11 |        | -51.79 | -21.25 | 30.54 |
| HE20, M0.5 to M11.5-BF | 6 | 6.79  | -67.77 | -66.70 | -66.65 |        | -67.25 | -66.76 | -67.13 |        | -52.46 | -21.25 | 31.21 |
| HE20, M0.6 to M11.6-BF | 6 | 6.00  | -66.79 | -66.95 | -67.00 |        | -66.73 | -66.99 | -67.63 |        | -53.22 | -21.25 | 31.97 |
| HE20, M0.1 to M11.1-BF | 8 | 15.03 | -67.00 | -66.64 | -65.75 | -67.43 | -66.99 | -67.13 | -67.28 | -67.27 | -42.85 | -21.25 | 21.60 |
| HE20, M0.2 to M11.2-BF | 8 | 12.02 | -66.82 | -67.16 | -67.34 | -66.58 | -67.35 | -66.31 | -67.61 | -67.34 | -45.99 | -21.25 | 24.74 |
| HE20, M0.3 to M11.3-BF | 8 | 10.26 | -66.82 | -67.46 | -66.71 | -66.55 | -66.70 | -67.72 | -66.89 | -67.44 | -47.73 | -21.25 | 26.48 |

|                        |   |      |        |        |        |        |        |        |        |        |        |        |       |
|------------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE20, M0.4 to M11.4-BF | 8 | 9.01 | -67.51 | -67.42 | -66.93 | -67.45 | -67.58 | -67.29 | -66.76 | -67.45 | -49.25 | -21.25 | 28.00 |
| HE20, M0.5 to M11.5-BF | 8 | 8.04 | -66.36 | -66.96 | -66.45 | -66.54 | -68.02 | -67.42 | -67.47 | -67.25 | -49.95 | -21.25 | 28.70 |
| HE20, M0.6 to M11.6-BF | 8 | 7.25 | -67.70 | -67.20 | -67.04 | -67.16 | -66.94 | -66.90 | -66.13 | -67.07 | -50.72 | -21.25 | 29.47 |
| HE20, M0.7 to M11.7-BF | 8 | 6.58 | -67.69 | -67.79 | -66.91 | -66.66 | -67.56 | -66.68 | -67.86 | -67.77 | -51.73 | -21.25 | 30.48 |
| HE20, M0.8 to M11.8-BF | 8 | 6.00 | -67.92 | -67.17 | -66.28 | -66.51 | -66.46 | -67.05 | -67.55 | -67.07 | -51.94 | -21.25 | 30.69 |
| HE20, M0 to M11-STBC   | 2 | 6.00 | -67.32 | -67.58 |        |        |        |        |        |        | -58.44 | -21.25 | 37.19 |
| HE20, M0 to M11-STBC   | 3 | 6.00 | -67.54 | -67.76 | -65.98 |        |        |        |        |        | -56.25 | -21.25 | 35.00 |
| HE20, M0 to M11-STBC   | 4 | 6.00 | -65.82 | -67.35 | -67.04 | -67.03 |        |        |        |        | -54.74 | -21.25 | 33.49 |
| HE20, M0 to M11-STBC   | 6 | 6.00 | -66.66 | -67.55 | -67.07 |        | -67.35 | -66.82 | -67.43 |        | -53.35 | -21.25 | 32.10 |
| HE20, M0 to M11-STBC   | 8 | 6.00 | -66.62 | -66.63 | -67.46 | -67.48 | -66.83 | -67.93 | -66.87 | -67.15 | -52.07 | -21.25 | 30.82 |

## 5180 MHz (Average):

| Mode                               | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Tx 5 Spurious (dBm) | Tx 6 Spurious (dBm) | Tx 7 Spurious (dBm) | Tx 8 Spurious (dBm) | Total (dBm) | FCC Average Limit (dBm) | Margin (dB) |
|------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------|-------------------------|-------------|
| non HT20, 6 to 54 Mbps             | 1        | 6.00                          | -75.03              |                     |                     |                     |                     |                     |                     |                     | -69.03      | -41.25                  | 27.78       |
| non HT20, 6 to 54 Mbps             | 2        | 6.00                          | -74.71              | -74.29              |                     |                     |                     |                     |                     |                     | -65.48      | -41.25                  | 24.23       |
| non HT20, 6 to 54 Mbps             | 3        | 6.00                          | -75.41              | -75.04              | -74.24              |                     |                     |                     |                     |                     | -64.10      | -41.25                  | 22.85       |
| non HT20, 6 to 54 Mbps             | 4        | 6.00                          | -74.99              | -74.89              | -75.07              | -74.36              |                     |                     |                     |                     | -62.80      | -41.25                  | 21.55       |
| non HT20, 6 to 54 Mbps             | 6        | 9.00                          | -74.75              | -74.74              | -74.84              |                     | -75.18              | -74.42              | -74.39              |                     | -57.93      | -41.25                  | 16.68       |
| non HT20, 6 to 54 Mbps             | 8        | 9.00                          | -74.79              | -74.74              | -74.60              | -74.95              | -74.33              | -74.31              | -74.45              | -74.03              | -56.48      | -41.25                  | 15.23       |
| non HT20, 6 to 54 Mbps-BF          | 2        | 9.01                          | -75.13              | -74.96              |                     |                     |                     |                     |                     |                     | -63.03      | -41.25                  | 21.78       |
| non HT20, 6 to 54 Mbps-BF          | 3        | 10.77                         | -74.66              | -74.80              | -74.82              |                     |                     |                     |                     |                     | -59.22      | -41.25                  | 17.97       |
| non HT20, 6 to 54 Mbps-BF          | 4        | 12.02                         | -74.76              | -74.53              | -74.51              | -75.21              |                     |                     |                     |                     | -56.70      | -41.25                  | 15.45       |
| non HT20, 6 to 54 Mbps-BF          | 6        | 13.78                         | -74.56              | -74.99              | -74.51              |                     | -74.80              | -75.09              | -75.01              |                     | -53.26      | -41.25                  | 12.01       |
| non HT20, 6 to 54 Mbps-BF          | 8        | 15.03                         | -74.83              | -74.90              | -74.35              | -75.32              | -75.11              | -74.51              | -74.82              | -74.99              | -50.78      | -41.25                  | 9.53        |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 1        | 6.00                          | -75.02              |                     |                     |                     |                     |                     |                     |                     | -69.02      | -41.25                  | 27.77       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 2        | 6.00                          | -74.94              | -74.63              |                     |                     |                     |                     |                     |                     | -65.77      | -41.25                  | 24.52       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 2        | 6.00                          | -74.87              | -75.00              |                     |                     |                     |                     |                     |                     | -65.92      | -41.25                  | 24.67       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 3        | 6.00                          | -74.86              | -74.72              | -74.75              |                     |                     |                     |                     |                     | -64.01      | -41.25                  | 22.76       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 3        | 6.00                          | -74.93              | -74.74              | -74.87              |                     |                     |                     |                     |                     | -64.07      | -41.25                  | 22.82       |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 3        | 6.00                          | -74.96              | -74.36              | -75.04              |                     |                     |                     |                     |                     | -64.00      | -41.25                  | 22.75       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 4        | 6.00                          | -74.88              | -74.61              | -75.18              | -74.82              |                     |                     |                     |                     | -62.85      | -41.25                  | 21.60       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 4        | 6.00                          | -74.74              | -74.70              | -74.93              | -75.03              |                     |                     |                     |                     | -62.83      | -41.25                  | 21.58       |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 4        | 6.00                          | -74.87              | -74.46              | -74.15              | -74.77              |                     |                     |                     |                     | -62.53      | -41.25                  | 21.28       |
| HT/VHT20, M24 to M31, M0.4 to M8.4 | 4        | 6.00                          | -74.66              | -74.85              | -74.74              | -74.63              |                     |                     |                     |                     | -62.70      | -41.25                  | 21.45       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 6        | 9.00                          | -74.67              | -74.76              | -75.17              |                     | -74.81              | -74.61              | -74.98              |                     | -58.05      | -41.25                  | 16.80       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 6        | 8.39                          | -74.65              | -74.82              | -74.67              |                     | -74.69              | -75.14              | -74.44              |                     | -58.56      | -41.25                  | 17.31       |

|                                        |   |       |        |        |        |        |        |        |        |        |        |        |       |
|----------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HT/VHT20, M16 to M23, M0.3 to M8.3     | 6 | 7.51  | -75.21 | -75.22 | -75.22 |        | -75.36 | -74.86 | -74.24 |        | -59.71 | -41.25 | 18.46 |
| HT/VHT20, M24 to M31, M0.4 to M8.4     | 6 | 6.88  | -74.85 | -74.87 | -74.76 |        | -74.47 | -74.71 | -74.85 |        | -60.09 | -41.25 | 18.84 |
| VHT20, M0.5 to M8.5                    | 6 | 6.40  | -74.41 | -74.97 | -74.36 |        | -75.18 | -74.93 | -74.45 |        | -60.52 | -41.25 | 19.27 |
| VHT20, M0.6 to M8.6                    | 6 | 6.00  | -75.12 | -74.79 | -74.87 |        | -74.99 | -74.19 | -74.52 |        | -60.95 | -41.25 | 19.70 |
| HT/VHT20, M0 to M7, M0.1 to M8.1       | 8 | 9.00  | -74.85 | -74.84 | -74.47 | -74.92 | -74.76 | -74.48 | -74.78 | -74.43 | -56.65 | -41.25 | 15.40 |
| HT/VHT20, M8 to M15, M0.2 to M8.2      | 8 | 9.00  | -74.89 | -75.17 | -75.25 | -74.25 | -75.04 | -75.27 | -74.83 | -74.69 | -56.88 | -41.25 | 15.63 |
| HT/VHT20, M16 to M23, M0.3 to M8.3     | 8 | 8.13  | -74.94 | -74.24 | -74.85 | -74.71 | -75.07 | -74.91 | -75.19 | -75.12 | -57.71 | -41.25 | 16.46 |
| HT/VHT20, M24 to M31, M0.4 to M8.4     | 8 | 7.51  | -75.23 | -74.68 | -74.77 | -74.97 | -75.08 | -74.78 | -74.29 | -74.56 | -58.24 | -41.25 | 16.99 |
| VHT20, M0.5 to M8.5                    | 8 | 7.02  | -74.83 | -75.03 | -74.66 | -75.05 | -75.25 | -74.40 | -75.04 | -74.55 | -58.79 | -41.25 | 17.54 |
| VHT20, M0.6 to M8.6                    | 8 | 6.62  | -74.98 | -74.81 | -74.35 | -74.97 | -74.28 | -74.75 | -74.63 | -74.95 | -59.05 | -41.25 | 17.80 |
| VHT20, M0.7 to M8.7                    | 8 | 6.29  | -75.01 | -74.80 | -74.60 | -74.82 | -74.42 | -74.46 | -74.98 | -74.79 | -59.41 | -41.25 | 18.16 |
| VHT20, M0.8 to M8.8                    | 8 | 6.00  | -75.43 | -73.94 | -75.07 | -75.02 | -74.13 | -74.57 | -75.16 | -74.73 | -59.70 | -41.25 | 18.45 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 2 | 9.01  | -74.45 | -75.23 |        |        |        |        |        |        | -62.80 | -41.25 | 21.55 |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 2 | 6.00  | -73.60 | -74.48 |        |        |        |        |        |        | -65.00 | -41.25 | 23.75 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 3 | 10.77 | -74.72 | -74.65 | -75.25 |        |        |        |        |        | -59.33 | -41.25 | 18.08 |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 3 | 7.76  | -74.30 | -74.85 | -74.72 |        |        |        |        |        | -62.08 | -41.25 | 20.83 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 3 | 6.00  | -74.63 | -75.03 | -74.52 |        |        |        |        |        | -63.95 | -41.25 | 22.70 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 4 | 12.02 | -74.56 | -74.97 | -74.42 | -74.42 |        |        |        |        | -56.54 | -41.25 | 15.29 |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 4 | 9.01  | -74.54 | -74.96 | -74.84 | -74.83 |        |        |        |        | -59.76 | -41.25 | 18.51 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 4 | 7.25  | -75.20 | -74.63 | -75.13 | -74.40 |        |        |        |        | -61.56 | -41.25 | 20.31 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF  | 4 | 6.00  | -74.13 | -75.10 | -74.84 | -74.70 |        |        |        |        | -62.66 | -41.25 | 21.41 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 6 | 13.78 | -74.73 | -75.02 | -75.09 |        | -75.23 | -74.55 | -74.46 |        | -53.28 | -41.25 | 12.03 |
| HT/VHT20, M8 to M15, M0.2 to M8.2 -BF  | 6 | 10.77 | -75.01 | -74.15 | -74.62 |        | -74.86 | -74.84 | -74.71 |        | -56.14 | -41.25 | 14.89 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 6 | 9.01  | -75.17 | -75.17 | -74.69 |        | -74.84 | -74.83 | -74.14 |        | -58.00 | -41.25 | 16.75 |
| HT/VHT20, M24 to M31, M0.4 to M8.4 -BF | 6 | 7.76  | -74.46 | -74.67 | -74.14 |        | -75.07 | -75.10 | -74.83 |        | -59.15 | -41.25 | 17.90 |
| VHT20, M0.5 to M8.5-BF                 | 6 | 6.79  | -75.04 | -74.83 | -75.09 |        | -74.56 | -75.08 | -75.09 |        | -60.37 | -41.25 | 19.12 |
| VHT20, M0.6 to M8.6-BF                 | 6 | 6.00  | -75.12 | -74.68 | -74.53 |        | -75.06 | -74.92 | -75.30 |        | -61.15 | -41.25 | 19.90 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 8 | 15.03 | -74.57 | -74.59 | -75.05 | -75.31 | -74.50 | -74.94 | -74.79 | -74.28 | -50.68 | -41.25 | 9.43  |

|                                       |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 8 | 12.02 | -74.78 | -74.77 | -73.65 | -74.81 | -74.78 | -74.71 | -74.86 | -74.79 | -53.57 | -41.25 | 12.32 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 8 | 10.26 | -74.04 | -74.65 | -74.48 | -74.73 | -74.30 | -74.70 | -75.13 | -74.73 | -55.29 | -41.25 | 14.04 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 8 | 9.01  | -74.62 | -75.15 | -75.00 | -74.90 | -74.57 | -74.72 | -74.85 | -75.21 | -56.83 | -41.25 | 15.58 |
| VHT20, M0.5 to M8.5-BF                | 8 | 8.04  | -74.42 | -73.80 | -74.97 | -74.81 | -74.17 | -74.64 | -74.79 | -75.21 | -57.51 | -41.25 | 16.26 |
| VHT20, M0.6 to M8.6-BF                | 8 | 7.25  | -74.55 | -74.82 | -74.99 | -74.42 | -74.83 | -75.04 | -74.80 | -74.29 | -58.43 | -41.25 | 17.18 |
| VHT20, M0.7 to M8.7-BF                | 8 | 6.58  | -74.83 | -74.54 | -74.92 | -75.04 | -74.04 | -74.36 | -75.14 | -74.72 | -59.07 | -41.25 | 17.82 |
| VHT20, M0.8 to M8.8-BF                | 8 | 6.00  | -75.00 | -75.10 | -74.98 | -74.87 | -75.47 | -75.08 | -74.91 | -74.83 | -59.99 | -41.25 | 18.74 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 2 | 6.00  | -74.72 | -74.18 |        |        |        |        |        |        | -65.43 | -41.25 | 24.18 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 3 | 6.00  | -74.54 | -74.90 | -74.66 |        |        |        |        |        | -63.93 | -41.25 | 22.68 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 4 | 6.00  | -73.54 | -75.27 | -74.59 | -74.31 |        |        |        |        | -62.36 | -41.25 | 21.11 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 6 | 6.00  | -74.80 | -74.46 | -75.00 |        | -75.43 | -73.74 | -74.98 |        | -60.92 | -41.25 | 19.67 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 8 | 6.00  | -75.09 | -74.24 | -74.53 | -74.71 | -74.71 | -75.12 | -75.08 | -74.06 | -59.64 | -41.25 | 18.39 |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | -74.99 |        |        |        |        |        |        |        | -68.99 | -41.25 | 27.74 |
| HE20, M0.1 to M11.1                   | 2 | 6.00  | -75.06 | -74.89 |        |        |        |        |        |        | -65.96 | -41.25 | 24.71 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | -74.31 | -74.85 |        |        |        |        |        |        | -65.56 | -41.25 | 24.31 |
| HE20, M0.1 to M11.1                   | 3 | 6.00  | -74.49 | -74.72 | -75.02 |        |        |        |        |        | -63.96 | -41.25 | 22.71 |
| HE20, M0.2 to M11.2                   | 3 | 6.00  | -74.95 | -74.40 | -74.59 |        |        |        |        |        | -63.87 | -41.25 | 22.62 |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | -74.83 | -75.19 | -74.64 |        |        |        |        |        | -64.11 | -41.25 | 22.86 |
| HE20, M0.1 to M11.1                   | 4 | 6.00  | -75.02 | -74.88 | -75.18 | -74.50 |        |        |        |        | -62.87 | -41.25 | 21.62 |
| HE20, M0.2 to M11.2                   | 4 | 6.00  | -74.85 | -75.35 | -74.76 | -75.04 |        |        |        |        | -62.97 | -41.25 | 21.72 |
| HE20, M0.3 to M11.3                   | 4 | 6.00  | -74.94 | -75.27 | -74.65 | -74.35 |        |        |        |        | -62.77 | -41.25 | 21.52 |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | -74.73 | -74.80 | -74.68 | -74.25 |        |        |        |        | -62.59 | -41.25 | 21.34 |
| HE20, M0.1 to M11.1                   | 6 | 9.00  | -74.15 | -74.54 | -75.14 |        | -75.29 | -74.88 | -74.92 |        | -58.02 | -41.25 | 16.77 |
| HE20, M0.2 to M11.2                   | 6 | 8.39  | -74.58 | -74.30 | -74.90 |        | -75.13 | -75.35 | -74.88 |        | -58.67 | -41.25 | 17.42 |
| HE20, M0.3 to M11.3                   | 6 | 7.51  | -74.53 | -75.00 | -75.02 |        | -74.73 | -74.52 | -74.69 |        | -59.45 | -41.25 | 18.20 |
| HE20, M0.4 to M11.4                   | 6 | 6.88  | -74.74 | -74.54 | -75.27 |        | -74.90 | -74.68 | -74.14 |        | -60.04 | -41.25 | 18.79 |
| HE20, M0.5 to M11.5                   | 6 | 6.40  | -74.97 | -74.62 | -73.89 |        | -74.91 | -74.90 | -74.60 |        | -60.45 | -41.25 | 19.20 |
| HE20, M0.6 to M11.6                   | 6 | 6.00  | -74.95 | -74.76 | -74.38 |        | -75.39 | -75.00 | -74.09 |        | -60.96 | -41.25 | 19.71 |

|                        |   |       |        |        |        |        |        |        |        |        |        |        |       |
|------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE20, M0.1 to M11.1    | 8 | 9.00  | -74.91 | -75.19 | -74.67 | -74.10 | -75.00 | -74.58 | -74.81 | -74.82 | -56.72 | -41.25 | 15.47 |
| HE20, M0.2 to M11.2    | 8 | 9.00  | -74.95 | -75.12 | -74.25 | -74.30 | -74.98 | -75.00 | -74.93 | -74.44 | -56.70 | -41.25 | 15.45 |
| HE20, M0.3 to M11.3    | 8 | 8.13  | -74.87 | -74.97 | -74.21 | -74.76 | -74.32 | -74.96 | -74.77 | -75.19 | -57.58 | -41.25 | 16.33 |
| HE20, M0.4 to M11.4    | 8 | 7.51  | -74.64 | -74.66 | -75.25 | -75.12 | -74.66 | -73.84 | -74.30 | -74.68 | -58.08 | -41.25 | 16.83 |
| HE20, M0.5 to M11.5    | 8 | 7.02  | -74.91 | -74.94 | -74.64 | -74.70 | -74.98 | -74.40 | -74.52 | -74.04 | -58.58 | -41.25 | 17.33 |
| HE20, M0.6 to M11.6    | 8 | 6.62  | -75.11 | -74.93 | -74.74 | -74.70 | -74.93 | -74.48 | -75.01 | -74.96 | -59.20 | -41.25 | 17.95 |
| HE20, M0.7 to M11.7    | 8 | 6.29  | -74.89 | -74.34 | -74.26 | -74.41 | -74.25 | -74.42 | -74.26 | -74.94 | -59.14 | -41.25 | 17.89 |
| HE20, M0.8 to M11.8    | 8 | 6.00  | -73.93 | -75.01 | -74.84 | -74.80 | -74.50 | -75.01 | -74.68 | -74.35 | -59.60 | -41.25 | 18.35 |
| HE20, M0.1 to M11.1-BF | 2 | 9.01  | -75.19 | -74.53 |        |        |        |        |        |        | -62.83 | -41.25 | 21.58 |
| HE20, M0.2 to M11.2-BF | 2 | 6.00  | -74.94 | -74.48 |        |        |        |        |        |        | -65.69 | -41.25 | 24.44 |
| HE20, M0.1 to M11.1-BF | 3 | 10.77 | -74.14 | -75.43 | -73.96 |        |        |        |        |        | -58.92 | -41.25 | 17.67 |
| HE20, M0.2 to M11.2-BF | 3 | 7.76  | -74.72 | -74.48 | -75.00 |        |        |        |        |        | -62.20 | -41.25 | 20.95 |
| HE20, M0.3 to M11.3-BF | 3 | 6.00  | -74.90 | -74.84 | -75.26 |        |        |        |        |        | -64.22 | -41.25 | 22.97 |
| HE20, M0.1 to M11.1-BF | 4 | 12.02 | -74.97 | -74.96 | -74.94 | -74.82 |        |        |        |        | -56.88 | -41.25 | 15.63 |
| HE20, M0.2 to M11.2-BF | 4 | 9.01  | -74.92 | -74.59 | -74.39 | -75.09 |        |        |        |        | -59.71 | -41.25 | 18.46 |
| HE20, M0.3 to M11.3-BF | 4 | 7.25  | -75.02 | -74.80 | -74.53 | -74.66 |        |        |        |        | -61.48 | -41.25 | 20.23 |
| HE20, M0.4 to M11.4-BF | 4 | 6.00  | -75.19 | -74.61 | -74.90 | -74.78 |        |        |        |        | -62.84 | -41.25 | 21.59 |
| HE20, M0.1 to M11.1-BF | 6 | 13.78 | -74.96 | -74.68 | -74.08 |        | -75.05 | -74.93 | -74.81 |        | -53.18 | -41.25 | 11.93 |
| HE20, M0.2 to M11.2-BF | 6 | 10.77 | -74.76 | -74.90 | -75.25 |        | -74.40 | -74.56 | -74.78 |        | -56.21 | -41.25 | 14.96 |
| HE20, M0.3 to M11.3-BF | 6 | 9.01  | -74.50 | -75.17 | -74.85 |        | -75.07 | -74.57 | -74.97 |        | -58.06 | -41.25 | 16.81 |
| HE20, M0.4 to M11.4-BF | 6 | 7.76  | -74.92 | -74.61 | -74.90 |        | -74.78 | -74.58 | -74.31 |        | -59.13 | -41.25 | 17.88 |
| HE20, M0.5 to M11.5-BF | 6 | 6.79  | -74.61 | -75.15 | -74.52 |        | -75.09 | -74.71 | -74.98 |        | -60.26 | -41.25 | 19.01 |
| HE20, M0.6 to M11.6-BF | 6 | 6.00  | -74.95 | -75.10 | -74.96 |        | -74.58 | -75.04 | -74.47 |        | -61.06 | -41.25 | 19.81 |
| HE20, M0.1 to M11.1-BF | 8 | 15.03 | -75.49 | -74.72 | -74.72 | -75.10 | -74.72 | -75.20 | -74.88 | -74.49 | -50.84 | -41.25 | 9.59  |
| HE20, M0.2 to M11.2-BF | 8 | 12.02 | -74.93 | -75.27 | -75.13 | -74.93 | -75.12 | -74.57 | -74.57 | -74.71 | -53.84 | -41.25 | 12.59 |
| HE20, M0.3 to M11.3-BF | 8 | 10.26 | -74.90 | -75.00 | -75.21 | -75.28 | -75.38 | -74.92 | -74.83 | -75.02 | -55.77 | -41.25 | 14.52 |
| HE20, M0.4 to M11.4-BF | 8 | 9.01  | -74.89 | -74.58 | -74.68 | -74.78 | -74.61 | -75.16 | -74.72 | -74.90 | -56.74 | -41.25 | 15.49 |
| HE20, M0.5 to M11.5-BF | 8 | 8.04  | -74.29 | -75.29 | -75.04 | -74.54 | -74.58 | -75.10 | -74.76 | -74.90 | -57.73 | -41.25 | 16.48 |

|                        |   |      |        |        |        |        |        |        |        |        |        |        |       |
|------------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE20, M0.6 to M11.6-BF | 8 | 7.25 | -74.80 | -74.75 | -74.54 | -74.88 | -75.28 | -74.21 | -74.67 | -75.20 | -58.50 | -41.25 | 17.25 |
| HE20, M0.7 to M11.7-BF | 8 | 6.58 | -74.43 | -74.75 | -74.84 | -75.20 | -75.14 | -74.75 | -75.09 | -75.25 | -59.31 | -41.25 | 18.06 |
| HE20, M0.8 to M11.8-BF | 8 | 6.00 | -74.70 | -74.81 | -74.48 | -75.19 | -74.92 | -74.71 | -74.81 | -74.94 | -59.78 | -41.25 | 18.53 |
| HE20, M0 to M11-STBC   | 2 | 6.00 | -74.90 | -74.70 |        |        |        |        |        |        | -65.79 | -41.25 | 24.54 |
| HE20, M0 to M11-STBC   | 3 | 6.00 | -74.36 | -75.42 | -73.47 |        |        |        |        |        | -63.57 | -41.25 | 22.32 |
| HE20, M0 to M11-STBC   | 4 | 6.00 | -74.65 | -75.27 | -74.55 | -75.28 |        |        |        |        | -62.90 | -41.25 | 21.65 |
| HE20, M0 to M11-STBC   | 6 | 6.00 | -74.64 | -73.76 | -74.67 |        | -75.44 | -74.43 | -75.29 |        | -60.89 | -41.25 | 19.64 |
| HE20, M0 to M11-STBC   | 8 | 6.00 | -74.49 | -74.88 | -74.62 | -74.48 | -74.57 | -75.19 | -74.14 | -74.94 | -59.62 | -41.25 | 18.37 |



## 5200 MHz (Peak):

| Mode                               | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Tx 5 Spurious (dBm) | Tx 6 Spurious (dBm) | Tx 7 Spurious (dBm) | Tx 8 Spurious (dBm) | Total (dBm) | FCC Peak Limit (dBm) | Margin (dB) |
|------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------|----------------------|-------------|
| non HT20, 6 to 54 Mbps             | 1        | 6.00                          | -67.23              |                     |                     |                     |                     |                     |                     |                     | -67.23      | -21.25               | 45.98       |
| non HT20, 6 to 54 Mbps             | 2        | 6.00                          | -67.11              | -66.99              |                     |                     |                     |                     |                     |                     | -64.04      | -21.25               | 42.79       |
| non HT20, 6 to 54 Mbps             | 3        | 6.00                          | -66.41              | -67.42              | -67.92              |                     |                     |                     |                     |                     | -62.43      | -21.25               | 41.18       |
| non HT20, 6 to 54 Mbps             | 4        | 6.00                          | -68.23              | -67.59              | -67.21              | -66.40              |                     |                     |                     |                     | -61.28      | -21.25               | 40.03       |
| non HT20, 6 to 54 Mbps             | 6        | 9.00                          | -66.91              | -67.75              | -67.45              |                     | -67.46              | -67.47              | -66.15              |                     | -59.38      | -21.25               | 38.13       |
| non HT20, 6 to 54 Mbps             | 8        | 9.00                          | -67.00              | -65.99              | -67.38              | -66.63              | -67.53              | -67.56              | -67.08              | -65.83              | -57.80      | -21.25               | 36.55       |
| non HT20, 6 to 54 Mbps-BF          | 2        | 9.01                          | -66.47              | -67.79              |                     |                     |                     |                     |                     |                     | -64.07      | -21.25               | 42.82       |
| non HT20, 6 to 54 Mbps-BF          | 3        | 10.77                         | -67.52              | -67.51              | -67.48              |                     |                     |                     |                     |                     | -62.73      | -21.25               | 41.48       |
| non HT20, 6 to 54 Mbps-BF          | 4        | 12.02                         | -65.46              | -67.40              | -66.86              | -67.51              |                     |                     |                     |                     | -60.71      | -21.25               | 39.46       |
| non HT20, 6 to 54 Mbps-BF          | 6        | 13.78                         | -67.29              | -67.49              | -66.72              |                     | -66.81              | -67.28              | -66.04              |                     | -59.13      | -21.25               | 37.88       |
| non HT20, 6 to 54 Mbps-BF          | 8        | 15.03                         | -67.91              | -67.94              | -66.84              | -66.43              | -66.95              | -67.37              | -67.16              | -67.80              | -58.24      | -21.25               | 36.99       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 1        | 6.00                          | -67.49              |                     |                     |                     |                     |                     |                     |                     | -67.49      | -21.25               | 46.24       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 2        | 6.00                          | -67.52              | -67.38              |                     |                     |                     |                     |                     |                     | -64.44      | -21.25               | 43.19       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 2        | 6.00                          | -67.77              | -67.25              |                     |                     |                     |                     |                     |                     | -64.49      | -21.25               | 43.24       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 3        | 6.00                          | -66.92              | -66.87              | -67.00              |                     |                     |                     |                     |                     | -62.16      | -21.25               | 40.91       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 3        | 6.00                          | -66.88              | -67.62              | -67.26              |                     |                     |                     |                     |                     | -62.47      | -21.25               | 41.22       |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 3        | 6.00                          | -66.82              | -66.80              | -66.33              |                     |                     |                     |                     |                     | -61.87      | -21.25               | 40.62       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 4        | 6.00                          | -66.55              | -67.84              | -67.68              | -67.43              |                     |                     |                     |                     | -61.32      | -21.25               | 40.07       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 4        | 6.00                          | -67.40              | -65.77              | -67.70              | -67.23              |                     |                     |                     |                     | -60.94      | -21.25               | 39.69       |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 4        | 6.00                          | -67.24              | -67.56              | -67.45              | -67.79              |                     |                     |                     |                     | -61.48      | -21.25               | 40.23       |
| HT/VHT20, M24 to M31, M0.4 to M8.4 | 4        | 6.00                          | -67.84              | -67.16              | -67.90              | -67.72              |                     |                     |                     |                     | -61.62      | -21.25               | 40.37       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 6        | 9.00                          | -67.41              | -67.02              | -66.92              |                     | -66.81              | -67.76              | -67.21              |                     | -59.40      | -21.25               | 38.15       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 6        | 8.39                          | -66.91              | -67.67              | -67.63              |                     | -67.48              | -66.97              | -66.21              |                     | -59.33      | -21.25               | 38.08       |

|                                        |   |       |        |        |        |        |        |        |        |        |        |        |       |
|----------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HT/VHT20, M16 to M23, M0.3 to M8.3     | 6 | 7.51  | -67.92 | -66.92 | -67.75 |        | -68.27 | -67.25 | -66.89 |        | -59.69 | -21.25 | 38.44 |
| HT/VHT20, M24 to M31, M0.4 to M8.4     | 6 | 6.88  | -66.37 | -66.73 | -67.17 |        | -66.64 | -67.42 | -67.82 |        | -59.22 | -21.25 | 37.97 |
| VHT20, M0.5 to M8.5                    | 6 | 6.40  | -67.49 | -67.23 | -67.93 |        | -66.70 | -67.31 | -66.67 |        | -59.42 | -21.25 | 38.17 |
| VHT20, M0.6 to M8.6                    | 6 | 6.00  | -67.04 | -67.35 | -66.85 |        | -67.47 | -66.39 | -67.04 |        | -59.23 | -21.25 | 37.98 |
| HT/VHT20, M0 to M7, M0.1 to M8.1       | 8 | 9.00  | -67.03 | -67.55 | -67.09 | -67.59 | -67.25 | -67.81 | -66.28 | -66.77 | -58.12 | -21.25 | 36.87 |
| HT/VHT20, M8 to M15, M0.2 to M8.2      | 8 | 9.00  | -67.19 | -66.69 | -65.94 | -67.62 | -67.45 | -66.19 | -67.39 | -66.99 | -57.86 | -21.25 | 36.61 |
| HT/VHT20, M16 to M23, M0.3 to M8.3     | 8 | 8.13  | -66.66 | -66.97 | -67.97 | -65.59 | -67.88 | -67.73 | -67.61 | -66.59 | -58.02 | -21.25 | 36.77 |
| HT/VHT20, M24 to M31, M0.4 to M8.4     | 8 | 7.51  | -65.45 | -66.40 | -67.18 | -67.20 | -65.96 | -67.92 | -67.88 | -67.72 | -57.84 | -21.25 | 36.59 |
| VHT20, M0.5 to M8.5                    | 8 | 7.02  | -66.56 | -67.57 | -66.59 | -66.82 | -67.18 | -67.54 | -67.41 | -66.71 | -58.00 | -21.25 | 36.75 |
| VHT20, M0.6 to M8.6                    | 8 | 6.62  | -66.96 | -66.92 | -67.07 | -67.64 | -68.06 | -67.22 | -67.03 | -66.82 | -58.16 | -21.25 | 36.91 |
| VHT20, M0.7 to M8.7                    | 8 | 6.29  | -67.00 | -67.07 | -67.53 | -67.33 | -67.51 | -66.26 | -66.45 | -67.29 | -58.00 | -21.25 | 36.75 |
| VHT20, M0.8 to M8.8                    | 8 | 6.00  | -66.57 | -66.57 | -67.11 | -67.40 | -67.84 | -65.11 | -67.66 | -67.99 | -57.90 | -21.25 | 36.65 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 2 | 9.01  | -67.23 | -67.06 |        |        |        |        |        |        | -64.13 | -21.25 | 42.88 |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 2 | 6.00  | -67.87 | -67.25 |        |        |        |        |        |        | -64.54 | -21.25 | 43.29 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 3 | 10.77 | -67.28 | -67.69 | -66.84 |        |        |        |        |        | -62.48 | -21.25 | 41.23 |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 3 | 7.76  | -67.54 | -67.65 | -66.58 |        |        |        |        |        | -62.46 | -21.25 | 41.21 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 3 | 6.00  | -67.61 | -67.50 | -66.49 |        |        |        |        |        | -62.40 | -21.25 | 41.15 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 4 | 12.02 | -67.05 | -67.54 | -67.87 | -67.45 |        |        |        |        | -61.45 | -21.25 | 40.20 |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 4 | 9.01  | -67.92 | -67.34 | -67.63 | -67.06 |        |        |        |        | -61.46 | -21.25 | 40.21 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 4 | 7.25  | -67.64 | -67.70 | -66.97 | -67.54 |        |        |        |        | -61.43 | -21.25 | 40.18 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF  | 4 | 6.00  | -67.78 | -66.71 | -68.09 | -66.98 |        |        |        |        | -61.33 | -21.25 | 40.08 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 6 | 13.78 | -66.82 | -67.07 | -67.48 |        | -67.75 | -66.95 | -66.69 |        | -59.33 | -21.25 | 38.08 |
| HT/VHT20, M8 to M15, M0.2 to M8.2 -BF  | 6 | 10.77 | -67.39 | -67.43 | -66.79 |        | -67.26 | -67.39 | -66.18 |        | -59.27 | -21.25 | 38.02 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 6 | 9.01  | -66.97 | -67.32 | -66.66 |        | -67.45 | -67.61 | -66.37 |        | -59.26 | -21.25 | 38.01 |
| HT/VHT20, M24 to M31, M0.4 to M8.4 -BF | 6 | 7.76  | -67.41 | -67.27 | -67.57 |        | -66.94 | -67.37 | -66.64 |        | -59.41 | -21.25 | 38.16 |
| VHT20, M0.5 to M8.5-BF                 | 6 | 6.79  | -67.34 | -67.34 | -65.70 |        | -65.97 | -67.50 | -67.58 |        | -59.05 | -21.25 | 37.80 |
| VHT20, M0.6 to M8.6-BF                 | 6 | 6.00  | -66.22 | -66.69 | -67.74 |        | -68.03 | -67.69 | -67.38 |        | -59.46 | -21.25 | 38.21 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 8 | 15.03 | -67.96 | -66.58 | -66.77 | -67.00 | -65.32 | -67.50 | -67.53 | -67.39 | -57.90 | -21.25 | 36.65 |

|                                       |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 8 | 12.02 | -67.17 | -66.54 | -67.47 | -66.80 | -67.63 | -66.23 | -67.57 | -67.75 | -58.08 | -21.25 | 36.83 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 8 | 10.26 | -67.56 | -67.37 | -66.97 | -67.48 | -66.63 | -66.14 | -67.37 | -66.81 | -57.98 | -21.25 | 36.73 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 8 | 9.01  | -67.08 | -66.82 | -67.50 | -67.12 | -67.25 | -67.05 | -67.29 | -67.51 | -58.17 | -21.25 | 36.92 |
| VHT20, M0.5 to M8.5-BF                | 8 | 8.04  | -68.21 | -66.41 | -65.78 | -67.29 | -66.44 | -67.74 | -67.60 | -66.93 | -57.95 | -21.25 | 36.70 |
| VHT20, M0.6 to M8.6-BF                | 8 | 7.25  | -66.67 | -66.55 | -66.60 | -67.36 | -67.50 | -66.78 | -67.71 | -67.28 | -58.00 | -21.25 | 36.75 |
| VHT20, M0.7 to M8.7-BF                | 8 | 6.58  | -66.78 | -67.46 | -67.72 | -66.54 | -67.34 | -67.77 | -67.88 | -67.37 | -58.30 | -21.25 | 37.05 |
| VHT20, M0.8 to M8.8-BF                | 8 | 6.00  | -67.89 | -67.24 | -67.14 | -67.80 | -66.04 | -68.05 | -67.23 | -66.86 | -58.21 | -21.25 | 36.96 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 2 | 6.00  | -66.79 | -67.38 |        |        |        |        |        |        | -64.06 | -21.25 | 42.81 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 3 | 6.00  | -67.59 | -67.43 | -66.99 |        |        |        |        |        | -62.56 | -21.25 | 41.31 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 4 | 6.00  | -67.62 | -66.67 | -67.52 | -67.30 |        |        |        |        | -61.24 | -21.25 | 39.99 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 6 | 6.00  | -66.29 | -66.33 | -67.27 |        | -67.53 | -67.63 | -68.01 |        | -59.34 | -21.25 | 38.09 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 8 | 6.00  | -66.95 | -66.76 | -67.43 | -66.49 | -67.34 | -66.64 | -66.70 | -66.69 | -57.83 | -21.25 | 36.58 |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | -67.89 |        |        |        |        |        |        |        | -67.89 | -21.25 | 46.64 |
| HE20, M0.1 to M11.1                   | 2 | 6.00  | -67.18 | -67.91 |        |        |        |        |        |        | -64.52 | -21.25 | 43.27 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | -67.06 | -67.82 |        |        |        |        |        |        | -64.41 | -21.25 | 43.16 |
| HE20, M0.1 to M11.1                   | 3 | 6.00  | -66.84 | -67.68 | -67.52 |        |        |        |        |        | -62.56 | -21.25 | 41.31 |
| HE20, M0.2 to M11.2                   | 3 | 6.00  | -67.92 | -67.31 | -67.56 |        |        |        |        |        | -62.82 | -21.25 | 41.57 |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | -67.43 | -67.50 | -67.27 |        |        |        |        |        | -62.63 | -21.25 | 41.38 |
| HE20, M0.1 to M11.1                   | 4 | 6.00  | -67.30 | -67.33 | -67.58 | -67.22 |        |        |        |        | -61.34 | -21.25 | 40.09 |
| HE20, M0.2 to M11.2                   | 4 | 6.00  | -67.18 | -66.99 | -66.71 | -67.20 |        |        |        |        | -60.99 | -21.25 | 39.74 |
| HE20, M0.3 to M11.3                   | 4 | 6.00  | -67.42 | -66.87 | -67.50 | -67.67 |        |        |        |        | -61.33 | -21.25 | 40.08 |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | -67.70 | -67.88 | -67.47 | -67.32 |        |        |        |        | -61.56 | -21.25 | 40.31 |
| HE20, M0.1 to M11.1                   | 6 | 9.00  | -67.74 | -67.55 | -67.38 |        | -67.34 | -67.68 | -66.92 |        | -59.65 | -21.25 | 38.40 |
| HE20, M0.2 to M11.2                   | 6 | 8.39  | -66.81 | -67.09 | -66.82 |        | -68.24 | -67.01 | -67.29 |        | -59.40 | -21.25 | 38.15 |
| HE20, M0.3 to M11.3                   | 6 | 7.51  | -67.68 | -66.62 | -67.43 |        | -67.02 | -67.92 | -67.44 |        | -59.55 | -21.25 | 38.30 |
| HE20, M0.4 to M11.4                   | 6 | 6.88  | -67.34 | -66.68 | -67.07 |        | -66.79 | -67.35 | -67.01 |        | -59.25 | -21.25 | 38.00 |
| HE20, M0.5 to M11.5                   | 6 | 6.40  | -66.95 | -67.48 | -68.08 |        | -67.40 | -67.43 | -67.94 |        | -59.75 | -21.25 | 38.50 |
| HE20, M0.6 to M11.6                   | 6 | 6.00  | -66.88 | -67.44 | -67.43 |        | -66.70 | -66.94 | -66.70 |        | -59.22 | -21.25 | 37.97 |

|                        |   |       |        |        |        |        |        |        |        |        |        |        |       |
|------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE20, M0.1 to M11.1    | 8 | 9.00  | -68.16 | -67.74 | -67.60 | -66.37 | -67.19 | -66.61 | -66.80 | -66.86 | -58.10 | -21.25 | 36.85 |
| HE20, M0.2 to M11.2    | 8 | 9.00  | -66.94 | -67.46 | -67.04 | -67.11 | -66.76 | -66.72 | -67.32 | -67.78 | -58.10 | -21.25 | 36.85 |
| HE20, M0.3 to M11.3    | 8 | 8.13  | -67.70 | -66.91 | -67.40 | -67.76 | -67.63 | -64.99 | -67.53 | -67.53 | -58.05 | -21.25 | 36.80 |
| HE20, M0.4 to M11.4    | 8 | 7.51  | -67.34 | -67.36 | -67.84 | -65.14 | -66.05 | -67.08 | -67.75 | -67.58 | -57.89 | -21.25 | 36.64 |
| HE20, M0.5 to M11.5    | 8 | 7.02  | -67.25 | -67.61 | -67.58 | -66.90 | -66.54 | -67.14 | -67.35 | -66.80 | -58.10 | -21.25 | 36.85 |
| HE20, M0.6 to M11.6    | 8 | 6.62  | -67.42 | -67.91 | -66.54 | -67.25 | -67.61 | -68.00 | -67.04 | -66.99 | -58.29 | -21.25 | 37.04 |
| HE20, M0.7 to M11.7    | 8 | 6.29  | -67.18 | -67.23 | -67.60 | -67.20 | -67.63 | -66.22 | -67.96 | -67.84 | -58.29 | -21.25 | 37.04 |
| HE20, M0.8 to M11.8    | 8 | 6.00  | -66.90 | -66.06 | -67.57 | -68.00 | -67.75 | -67.16 | -67.14 | -66.92 | -58.12 | -21.25 | 36.87 |
| HE20, M0.1 to M11.1-BF | 2 | 9.01  | -67.20 | -67.51 |        |        |        |        |        |        | -64.34 | -21.25 | 43.09 |
| HE20, M0.2 to M11.2-BF | 2 | 6.00  | -66.99 | -65.47 |        |        |        |        |        |        | -63.15 | -21.25 | 41.90 |
| HE20, M0.1 to M11.1-BF | 3 | 10.77 | -67.36 | -66.96 | -67.27 |        |        |        |        |        | -62.42 | -21.25 | 41.17 |
| HE20, M0.2 to M11.2-BF | 3 | 7.76  | -67.33 | -66.56 | -67.26 |        |        |        |        |        | -62.27 | -21.25 | 41.02 |
| HE20, M0.3 to M11.3-BF | 3 | 6.00  | -66.82 | -67.45 | -66.83 |        |        |        |        |        | -62.25 | -21.25 | 41.00 |
| HE20, M0.1 to M11.1-BF | 4 | 12.02 | -67.61 | -67.02 | -67.55 | -67.73 |        |        |        |        | -61.45 | -21.25 | 40.20 |
| HE20, M0.2 to M11.2-BF | 4 | 9.01  | -67.06 | -66.38 | -67.49 | -67.30 |        |        |        |        | -61.02 | -21.25 | 39.77 |
| HE20, M0.3 to M11.3-BF | 4 | 7.25  | -67.50 | -66.76 | -67.63 | -67.18 |        |        |        |        | -61.23 | -21.25 | 39.98 |
| HE20, M0.4 to M11.4-BF | 4 | 6.00  | -67.43 | -67.36 | -67.00 | -67.58 |        |        |        |        | -61.31 | -21.25 | 40.06 |
| HE20, M0.1 to M11.1-BF | 6 | 13.78 | -66.87 | -67.02 | -67.48 |        | -67.24 | -66.94 | -66.80 |        | -59.27 | -21.25 | 38.02 |
| HE20, M0.2 to M11.2-BF | 6 | 10.77 | -67.57 | -67.23 | -66.71 |        | -66.82 | -67.44 | -67.26 |        | -59.38 | -21.25 | 38.13 |
| HE20, M0.3 to M11.3-BF | 6 | 9.01  | -67.30 | -67.81 | -66.95 |        | -67.54 | -67.16 | -67.89 |        | -59.65 | -21.25 | 38.40 |
| HE20, M0.4 to M11.4-BF | 6 | 7.76  | -67.59 | -68.06 | -67.31 |        | -66.90 | -66.15 | -67.23 |        | -59.38 | -21.25 | 38.13 |
| HE20, M0.5 to M11.5-BF | 6 | 6.79  | -66.82 | -67.04 | -66.97 |        | -67.78 | -66.61 | -66.46 |        | -59.15 | -21.25 | 37.90 |
| HE20, M0.6 to M11.6-BF | 6 | 6.00  | -66.55 | -67.74 | -67.60 |        | -67.42 | -66.95 | -67.14 |        | -59.43 | -21.25 | 38.18 |
| HE20, M0.1 to M11.1-BF | 8 | 15.03 | -66.98 | -66.76 | -67.13 | -67.73 | -67.08 | -67.54 | -67.60 | -67.10 | -58.20 | -21.25 | 36.95 |
| HE20, M0.2 to M11.2-BF | 8 | 12.02 | -67.26 | -67.58 | -66.85 | -67.12 | -67.56 | -67.84 | -67.61 | -67.31 | -58.35 | -21.25 | 37.10 |
| HE20, M0.3 to M11.3-BF | 8 | 10.26 | -67.04 | -67.75 | -66.89 | -67.22 | -67.27 | -67.29 | -66.68 | -67.96 | -58.21 | -21.25 | 36.96 |
| HE20, M0.4 to M11.4-BF | 8 | 9.01  | -67.10 | -67.54 | -67.26 | -67.86 | -67.30 | -66.55 | -67.34 | -67.74 | -58.29 | -21.25 | 37.04 |
| HE20, M0.5 to M11.5-BF | 8 | 8.04  | -67.38 | -67.35 | -66.96 | -66.75 | -67.38 | -67.12 | -67.73 | -67.14 | -58.19 | -21.25 | 36.94 |

|                        |   |      |        |        |        |        |        |        |        |        |        |        |       |
|------------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE20, M0.6 to M11.6-BF | 8 | 7.25 | -67.39 | -67.19 | -67.24 | -67.70 | -65.90 | -65.90 | -66.89 | -67.48 | -57.88 | -21.25 | 36.63 |
| HE20, M0.7 to M11.7-BF | 8 | 6.58 | -67.26 | -67.21 | -67.66 | -67.53 | -66.41 | -66.85 | -67.33 | -67.21 | -58.13 | -21.25 | 36.88 |
| HE20, M0.8 to M11.8-BF | 8 | 6.00 | -67.87 | -67.81 | -66.98 | -67.49 | -65.88 | -67.12 | -67.02 | -66.54 | -58.01 | -21.25 | 36.76 |
| HE20, M0 to M11-STBC   | 2 | 6.00 | -66.90 | -67.61 |        |        |        |        |        |        | -64.23 | -21.25 | 42.98 |
| HE20, M0 to M11-STBC   | 3 | 6.00 | -66.67 | -67.11 | -67.27 |        |        |        |        |        | -62.24 | -21.25 | 40.99 |
| HE20, M0 to M11-STBC   | 4 | 6.00 | -67.19 | -67.66 | -67.40 | -66.66 |        |        |        |        | -61.19 | -21.25 | 39.94 |
| HE20, M0 to M11-STBC   | 6 | 6.00 | -67.19 | -68.18 | -66.96 |        | -67.50 | -67.42 | -65.99 |        | -59.37 | -21.25 | 38.12 |
| HE20, M0 to M11-STBC   | 8 | 6.00 | -67.55 | -66.80 | -66.83 | -66.44 | -67.60 | -67.25 | -67.59 | -66.65 | -58.03 | -21.25 | 36.78 |

## 5200 MHz (Average):

| Mode                               | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Tx 5 Spurious (dBm) | Tx 6 Spurious (dBm) | Tx 7 Spurious (dBm) | Tx 8 Spurious (dBm) | Total (dBm) | FCC Average Limit (dBm) | Margin (dB) |
|------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------|-------------------------|-------------|
| non HT20, 6 to 54 Mbps             | 1        | 6.00                          | -74.91              |                     |                     |                     |                     |                     |                     |                     | -74.91      | -41.25                  | 33.66       |
| non HT20, 6 to 54 Mbps             | 2        | 6.00                          | -74.83              | -74.45              |                     |                     |                     |                     |                     |                     | -71.63      | -41.25                  | 30.38       |
| non HT20, 6 to 54 Mbps             | 3        | 6.00                          | -74.14              | -74.85              | -74.60              |                     |                     |                     |                     |                     | -69.74      | -41.25                  | 28.49       |
| non HT20, 6 to 54 Mbps             | 4        | 6.00                          | -75.17              | -74.41              | -75.09              | -74.50              |                     |                     |                     |                     | -68.76      | -41.25                  | 27.51       |
| non HT20, 6 to 54 Mbps             | 6        | 9.00                          | -74.87              | -74.99              | -74.33              |                     | -75.12              | -74.84              | -75.20              |                     | -67.10      | -41.25                  | 25.85       |
| non HT20, 6 to 54 Mbps             | 8        | 9.00                          | -74.65              | -75.08              | -75.08              | -75.12              | -75.25              | -74.85              | -74.58              | -74.68              | -65.87      | -41.25                  | 24.62       |
| non HT20, 6 to 54 Mbps-BF          | 2        | 9.01                          | -74.82              | -74.17              |                     |                     |                     |                     |                     |                     | -71.47      | -41.25                  | 30.22       |
| non HT20, 6 to 54 Mbps-BF          | 3        | 10.77                         | -74.67              | -74.08              | -74.44              |                     |                     |                     |                     |                     | -69.62      | -41.25                  | 28.37       |
| non HT20, 6 to 54 Mbps-BF          | 4        | 12.02                         | -75.16              | -75.11              | -74.75              | -74.19              |                     |                     |                     |                     | -68.76      | -41.25                  | 27.51       |
| non HT20, 6 to 54 Mbps-BF          | 6        | 13.78                         | -74.80              | -74.88              | -75.03              |                     | -74.79              | -75.09              | -74.24              |                     | -67.01      | -41.25                  | 25.76       |
| non HT20, 6 to 54 Mbps-BF          | 8        | 15.03                         | -74.90              | -74.93              | -74.81              | -74.46              | -74.94              | -75.27              | -74.43              | -74.93              | -65.79      | -41.25                  | 24.54       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 1        | 6.00                          | -74.67              |                     |                     |                     |                     |                     |                     |                     | -74.67      | -41.25                  | 33.42       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 2        | 6.00                          | -74.71              | -74.84              |                     |                     |                     |                     |                     |                     | -71.76      | -41.25                  | 30.51       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 2        | 6.00                          | -74.95              | -74.85              |                     |                     |                     |                     |                     |                     | -71.89      | -41.25                  | 30.64       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 3        | 6.00                          | -74.78              | -74.64              | -74.44              |                     |                     |                     |                     |                     | -69.85      | -41.25                  | 28.60       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 3        | 6.00                          | -74.72              | -74.59              | -74.79              |                     |                     |                     |                     |                     | -69.93      | -41.25                  | 28.68       |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 3        | 6.00                          | -74.87              | -74.69              | -74.72              |                     |                     |                     |                     |                     | -69.99      | -41.25                  | 28.74       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 4        | 6.00                          | -74.86              | -75.12              | -74.49              | -74.58              |                     |                     |                     |                     | -68.73      | -41.25                  | 27.48       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 4        | 6.00                          | -74.53              | -74.80              | -74.62              | -75.18              |                     |                     |                     |                     | -68.75      | -41.25                  | 27.50       |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 4        | 6.00                          | -74.60              | -75.26              | -75.02              | -74.82              |                     |                     |                     |                     | -68.90      | -41.25                  | 27.65       |
| HT/VHT20, M24 to M31, M0.4 to M8.4 | 4        | 6.00                          | -74.15              | -74.98              | -74.10              | -74.58              |                     |                     |                     |                     | -68.42      | -41.25                  | 27.17       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 6        | 9.00                          | -75.23              | -74.52              | -74.76              |                     | -75.04              | -75.27              | -74.67              |                     | -67.12      | -41.25                  | 25.87       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 6        | 8.39                          | -74.96              | -74.55              | -74.68              |                     | -74.57              | -75.05              | -74.27              |                     | -66.89      | -41.25                  | 25.64       |

|                                        |   |       |        |        |        |        |        |        |        |        |        |        |       |
|----------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HT/VHT20, M16 to M23, M0.3 to M8.3     | 6 | 7.51  | -74.97 | -75.04 | -75.06 |        | -74.86 | -74.82 | -74.57 |        | -67.10 | -41.25 | 25.85 |
| HT/VHT20, M24 to M31, M0.4 to M8.4     | 6 | 6.88  | -75.17 | -74.67 | -74.88 |        | -74.35 | -74.50 | -74.54 |        | -66.90 | -41.25 | 25.65 |
| VHT20, M0.5 to M8.5                    | 6 | 6.40  | -74.87 | -74.86 | -75.10 |        | -74.94 | -74.49 | -74.51 |        | -67.01 | -41.25 | 25.76 |
| VHT20, M0.6 to M8.6                    | 6 | 6.00  | -74.63 | -74.67 | -74.87 |        | -74.83 | -75.11 | -73.97 |        | -66.88 | -41.25 | 25.63 |
| HT/VHT20, M0 to M7, M0.1 to M8.1       | 8 | 9.00  | -75.00 | -74.58 | -75.08 | -75.29 | -74.88 | -74.86 | -74.61 | -75.00 | -65.88 | -41.25 | 24.63 |
| HT/VHT20, M8 to M15, M0.2 to M8.2      | 8 | 9.00  | -74.66 | -75.08 | -74.83 | -74.97 | -74.92 | -73.55 | -74.50 | -74.53 | -65.57 | -41.25 | 24.32 |
| HT/VHT20, M16 to M23, M0.3 to M8.3     | 8 | 8.13  | -74.21 | -74.94 | -74.72 | -75.27 | -75.08 | -74.75 | -74.57 | -74.61 | -65.73 | -41.25 | 24.48 |
| HT/VHT20, M24 to M31, M0.4 to M8.4     | 8 | 7.51  | -74.92 | -74.31 | -74.74 | -75.16 | -74.77 | -74.53 | -75.07 | -75.21 | -65.80 | -41.25 | 24.55 |
| VHT20, M0.5 to M8.5                    | 8 | 7.02  | -74.06 | -74.83 | -75.07 | -74.70 | -74.74 | -73.97 | -74.88 | -74.79 | -65.58 | -41.25 | 24.33 |
| VHT20, M0.6 to M8.6                    | 8 | 6.62  | -75.09 | -74.65 | -74.74 | -74.23 | -75.06 | -75.31 | -74.60 | -74.66 | -65.75 | -41.25 | 24.50 |
| VHT20, M0.7 to M8.7                    | 8 | 6.29  | -74.97 | -74.67 | -74.75 | -75.13 | -75.08 | -74.85 | -75.20 | -74.65 | -65.88 | -41.25 | 24.63 |
| VHT20, M0.8 to M8.8                    | 8 | 6.00  | -75.28 | -75.07 | -74.76 | -74.62 | -74.49 | -74.19 | -74.68 | -74.92 | -65.71 | -41.25 | 24.46 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 2 | 9.01  | -75.04 | -74.26 |        |        |        |        |        |        | -71.62 | -41.25 | 30.37 |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 2 | 6.00  | -74.98 | -74.78 |        |        |        |        |        |        | -71.87 | -41.25 | 30.62 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 3 | 10.77 | -74.91 | -74.68 | -74.62 |        |        |        |        |        | -69.96 | -41.25 | 28.71 |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 3 | 7.76  | -75.13 | -75.08 | -74.76 |        |        |        |        |        | -70.22 | -41.25 | 28.97 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 3 | 6.00  | -74.72 | -75.09 | -75.26 |        |        |        |        |        | -70.24 | -41.25 | 28.99 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 4 | 12.02 | -75.25 | -74.79 | -75.17 | -75.14 |        |        |        |        | -69.06 | -41.25 | 27.81 |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 4 | 9.01  | -74.79 | -74.40 | -73.74 | -74.76 |        |        |        |        | -68.38 | -41.25 | 27.13 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 4 | 7.25  | -74.95 | -74.75 | -74.86 | -74.15 |        |        |        |        | -68.65 | -41.25 | 27.40 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF  | 4 | 6.00  | -74.50 | -74.73 | -74.65 | -74.99 |        |        |        |        | -68.69 | -41.25 | 27.44 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 6 | 13.78 | -75.04 | -74.34 | -74.93 |        | -74.84 | -74.68 | -74.93 |        | -67.01 | -41.25 | 25.76 |
| HT/VHT20, M8 to M15, M0.2 to M8.2 -BF  | 6 | 10.77 | -74.94 | -75.03 | -74.95 |        | -75.06 | -74.76 | -73.93 |        | -66.98 | -41.25 | 25.73 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 6 | 9.01  | -74.24 | -74.73 | -74.65 |        | -74.70 | -74.41 | -74.72 |        | -66.79 | -41.25 | 25.54 |
| HT/VHT20, M24 to M31, M0.4 to M8.4 -BF | 6 | 7.76  | -74.50 | -74.72 | -74.60 |        | -74.29 | -74.84 | -74.90 |        | -66.86 | -41.25 | 25.61 |
| VHT20, M0.5 to M8.5-BF                 | 6 | 6.79  | -74.70 | -75.16 | -74.87 |        | -74.31 | -75.01 | -74.55 |        | -66.98 | -41.25 | 25.73 |
| VHT20, M0.6 to M8.6-BF                 | 6 | 6.00  | -73.83 | -74.77 | -74.74 |        | -75.37 | -74.80 | -75.23 |        | -66.98 | -41.25 | 25.73 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 8 | 15.03 | -74.06 | -75.35 | -74.73 | -74.74 | -74.42 | -75.11 | -74.77 | -74.32 | -65.64 | -41.25 | 24.39 |

|                                       |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 8 | 12.02 | -74.66 | -74.86 | -75.15 | -74.86 | -74.69 | -75.02 | -74.43 | -75.19 | -65.82 | -41.25 | 24.57 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 8 | 10.26 | -74.90 | -74.61 | -74.69 | -74.62 | -74.49 | -74.54 | -74.72 | -75.11 | -65.67 | -41.25 | 24.42 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 8 | 9.01  | -75.00 | -74.68 | -75.03 | -74.97 | -74.87 | -74.61 | -74.76 | -74.68 | -65.79 | -41.25 | 24.54 |
| VHT20, M0.5 to M8.5-BF                | 8 | 8.04  | -74.96 | -74.14 | -74.59 | -74.98 | -75.18 | -74.84 | -74.76 | -74.52 | -65.70 | -41.25 | 24.45 |
| VHT20, M0.6 to M8.6-BF                | 8 | 7.25  | -75.22 | -75.00 | -75.45 | -74.65 | -74.79 | -74.54 | -74.65 | -75.01 | -65.87 | -41.25 | 24.62 |
| VHT20, M0.7 to M8.7-BF                | 8 | 6.58  | -75.02 | -74.70 | -74.41 | -74.84 | -75.33 | -75.03 | -75.14 | -75.19 | -65.92 | -41.25 | 24.67 |
| VHT20, M0.8 to M8.8-BF                | 8 | 6.00  | -75.11 | -74.77 | -74.82 | -74.89 | -74.50 | -74.92 | -74.32 | -75.00 | -65.75 | -41.25 | 24.50 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 2 | 6.00  | -74.08 | -75.00 |        |        |        |        |        |        | -71.51 | -41.25 | 30.26 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 3 | 6.00  | -74.90 | -74.56 | -74.55 |        |        |        |        |        | -69.90 | -41.25 | 28.65 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 4 | 6.00  | -74.51 | -74.76 | -74.59 | -74.82 |        |        |        |        | -68.64 | -41.25 | 27.39 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 6 | 6.00  | -74.78 | -74.46 | -74.26 |        | -74.99 | -75.37 | -74.41 |        | -66.91 | -41.25 | 25.66 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 8 | 6.00  | -74.80 | -75.20 | -74.41 | -74.97 | -74.40 | -74.65 | -74.91 | -74.98 | -65.75 | -41.25 | 24.50 |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | -74.75 |        |        |        |        |        |        |        | -74.75 | -41.25 | 33.50 |
| HE20, M0.1 to M11.1                   | 2 | 6.00  | -75.13 | -74.59 |        |        |        |        |        |        | -71.84 | -41.25 | 30.59 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | -75.27 | -75.36 |        |        |        |        |        |        | -72.31 | -41.25 | 31.06 |
| HE20, M0.1 to M11.1                   | 3 | 6.00  | -74.81 | -75.02 | -74.71 |        |        |        |        |        | -70.07 | -41.25 | 28.82 |
| HE20, M0.2 to M11.2                   | 3 | 6.00  | -75.42 | -75.03 | -74.48 |        |        |        |        |        | -70.19 | -41.25 | 28.94 |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | -75.05 | -74.88 | -75.15 |        |        |        |        |        | -70.25 | -41.25 | 29.00 |
| HE20, M0.1 to M11.1                   | 4 | 6.00  | -74.98 | -74.44 | -74.33 | -74.58 |        |        |        |        | -68.55 | -41.25 | 27.30 |
| HE20, M0.2 to M11.2                   | 4 | 6.00  | -74.77 | -75.16 | -74.98 | -75.10 |        |        |        |        | -68.97 | -41.25 | 27.72 |
| HE20, M0.3 to M11.3                   | 4 | 6.00  | -74.27 | -74.67 | -75.08 | -74.06 |        |        |        |        | -68.48 | -41.25 | 27.23 |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | -74.77 | -75.07 | -74.65 | -74.87 |        |        |        |        | -68.82 | -41.25 | 27.57 |
| HE20, M0.1 to M11.1                   | 6 | 9.00  | -74.12 | -75.45 | -75.27 |        | -75.20 | -74.33 | -75.02 |        | -67.09 | -41.25 | 25.84 |
| HE20, M0.2 to M11.2                   | 6 | 8.39  | -74.43 | -74.51 | -74.74 |        | -74.71 | -74.63 | -74.68 |        | -66.83 | -41.25 | 25.58 |
| HE20, M0.3 to M11.3                   | 6 | 7.51  | -74.76 | -75.38 | -74.52 |        | -75.03 | -74.90 | -75.11 |        | -67.16 | -41.25 | 25.91 |
| HE20, M0.4 to M11.4                   | 6 | 6.88  | -74.62 | -75.00 | -75.36 |        | -74.83 | -74.97 | -75.06 |        | -67.19 | -41.25 | 25.94 |
| HE20, M0.5 to M11.5                   | 6 | 6.40  | -74.73 | -74.85 | -75.24 |        | -75.05 | -75.03 | -74.81 |        | -67.17 | -41.25 | 25.92 |
| HE20, M0.6 to M11.6                   | 6 | 6.00  | -74.80 | -75.03 | -74.72 |        | -75.14 | -74.70 | -74.36 |        | -67.00 | -41.25 | 25.75 |



|                        |   |       |        |        |        |        |        |        |        |        |        |        |       |
|------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE20, M0.1 to M11.1    | 8 | 9.00  | -75.36 | -74.81 | -74.58 | -74.89 | -74.70 | -74.81 | -75.06 | -74.98 | -65.86 | -41.25 | 24.61 |
| HE20, M0.2 to M11.2    | 8 | 9.00  | -74.35 | -74.53 | -75.03 | -74.38 | -75.18 | -74.67 | -74.34 | -74.65 | -65.60 | -41.25 | 24.35 |
| HE20, M0.3 to M11.3    | 8 | 8.13  | -74.73 | -74.35 | -75.06 | -74.62 | -75.03 | -73.69 | -74.51 | -74.48 | -65.51 | -41.25 | 24.26 |
| HE20, M0.4 to M11.4    | 8 | 7.51  | -74.92 | -75.10 | -74.74 | -74.25 | -75.08 | -74.87 | -75.20 | -75.59 | -65.92 | -41.25 | 24.67 |
| HE20, M0.5 to M11.5    | 8 | 7.02  | -74.85 | -74.79 | -75.33 | -74.91 | -74.78 | -74.64 | -75.12 | -74.53 | -65.83 | -41.25 | 24.58 |
| HE20, M0.6 to M11.6    | 8 | 6.62  | -74.55 | -73.70 | -74.73 | -75.20 | -74.93 | -74.81 | -74.75 | -75.13 | -65.67 | -41.25 | 24.42 |
| HE20, M0.7 to M11.7    | 8 | 6.29  | -75.02 | -75.24 | -74.79 | -74.59 | -74.67 | -74.32 | -74.56 | -74.79 | -65.71 | -41.25 | 24.46 |
| HE20, M0.8 to M11.8    | 8 | 6.00  | -74.99 | -75.02 | -74.54 | -74.52 | -74.20 | -74.40 | -74.87 | -75.10 | -65.66 | -41.25 | 24.41 |
| HE20, M0.1 to M11.1-BF | 2 | 9.01  | -74.71 | -75.01 |        |        |        |        |        |        | -71.84 | -41.25 | 30.59 |
| HE20, M0.2 to M11.2-BF | 2 | 6.00  | -74.76 | -74.99 |        |        |        |        |        |        | -71.86 | -41.25 | 30.61 |
| HE20, M0.1 to M11.1-BF | 3 | 10.77 | -74.94 | -75.08 | -75.00 |        |        |        |        |        | -70.23 | -41.25 | 28.98 |
| HE20, M0.2 to M11.2-BF | 3 | 7.76  | -74.78 | -74.58 | -74.53 |        |        |        |        |        | -69.86 | -41.25 | 28.61 |
| HE20, M0.3 to M11.3-BF | 3 | 6.00  | -75.06 | -75.13 | -74.99 |        |        |        |        |        | -70.29 | -41.25 | 29.04 |
| HE20, M0.1 to M11.1-BF | 4 | 12.02 | -74.42 | -74.70 | -73.93 | -74.54 |        |        |        |        | -68.37 | -41.25 | 27.12 |
| HE20, M0.2 to M11.2-BF | 4 | 9.01  | -74.48 | -74.60 | -74.57 | -75.64 |        |        |        |        | -68.78 | -41.25 | 27.53 |
| HE20, M0.3 to M11.3-BF | 4 | 7.25  | -75.25 | -75.08 | -75.16 | -74.29 |        |        |        |        | -68.91 | -41.25 | 27.66 |
| HE20, M0.4 to M11.4-BF | 4 | 6.00  | -75.03 | -75.00 | -74.66 | -74.02 |        |        |        |        | -68.64 | -41.25 | 27.39 |
| HE20, M0.1 to M11.1-BF | 6 | 13.78 | -74.94 | -74.70 | -75.06 |        | -74.96 | -75.15 | -74.80 |        | -67.15 | -41.25 | 25.90 |
| HE20, M0.2 to M11.2-BF | 6 | 10.77 | -74.44 | -75.11 | -74.89 |        | -75.00 | -74.64 | -74.39 |        | -66.96 | -41.25 | 25.71 |
| HE20, M0.3 to M11.3-BF | 6 | 9.01  | -74.92 | -74.82 | -74.30 |        | -74.75 | -75.01 | -74.88 |        | -66.99 | -41.25 | 25.74 |
| HE20, M0.4 to M11.4-BF | 6 | 7.76  | -74.68 | -74.50 | -74.53 |        | -74.58 | -74.84 | -75.34 |        | -66.95 | -41.25 | 25.70 |
| HE20, M0.5 to M11.5-BF | 6 | 6.79  | -74.69 | -74.27 | -75.02 |        | -74.75 | -75.25 | -74.78 |        | -67.00 | -41.25 | 25.75 |
| HE20, M0.6 to M11.6-BF | 6 | 6.00  | -74.80 | -75.12 | -74.88 |        | -75.09 | -74.64 | -74.67 |        | -67.08 | -41.25 | 25.83 |
| HE20, M0.1 to M11.1-BF | 8 | 15.03 | -74.27 | -74.63 | -75.08 | -75.13 | -74.91 | -74.80 | -75.05 | -75.13 | -65.83 | -41.25 | 24.58 |
| HE20, M0.2 to M11.2-BF | 8 | 12.02 | -74.74 | -74.73 | -74.65 | -74.96 | -74.86 | -73.94 | -74.77 | -74.71 | -65.63 | -41.25 | 24.38 |
| HE20, M0.3 to M11.3-BF | 8 | 10.26 | -74.92 | -75.32 | -74.76 | -74.29 | -74.27 | -74.95 | -75.05 | -74.76 | -65.75 | -41.25 | 24.50 |
| HE20, M0.4 to M11.4-BF | 8 | 9.01  | -73.72 | -75.09 | -74.24 | -75.00 | -74.66 | -74.84 | -74.94 | -74.53 | -65.58 | -41.25 | 24.33 |
| HE20, M0.5 to M11.5-BF | 8 | 8.04  | -75.10 | -74.86 | -75.03 | -74.99 | -74.48 | -74.80 | -74.94 | -74.35 | -65.78 | -41.25 | 24.53 |

|                        |   |      |        |        |        |        |        |        |        |        |        |        |       |
|------------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE20, M0.6 to M11.6-BF | 8 | 7.25 | -74.52 | -75.04 | -74.74 | -74.48 | -74.95 | -74.84 | -74.78 | -75.03 | -65.76 | -41.25 | 24.51 |
| HE20, M0.7 to M11.7-BF | 8 | 6.58 | -75.21 | -74.45 | -74.37 | -74.93 | -74.84 | -74.54 | -74.49 | -75.11 | -65.70 | -41.25 | 24.45 |
| HE20, M0.8 to M11.8-BF | 8 | 6.00 | -75.19 | -74.95 | -75.14 | -74.28 | -74.93 | -75.22 | -74.47 | -74.81 | -65.83 | -41.25 | 24.58 |
| HE20, M0 to M11-STBC   | 2 | 6.00 | -74.89 | -75.17 |        |        |        |        |        |        | -72.02 | -41.25 | 30.77 |
| HE20, M0 to M11-STBC   | 3 | 6.00 | -74.86 | -74.90 | -74.88 |        |        |        |        |        | -70.11 | -41.25 | 28.86 |
| HE20, M0 to M11-STBC   | 4 | 6.00 | -75.07 | -75.11 | -75.16 | -74.48 |        |        |        |        | -68.92 | -41.25 | 27.67 |
| HE20, M0 to M11-STBC   | 6 | 6.00 | -75.05 | -75.23 | -75.34 |        | -75.08 | -74.46 | -74.85 |        | -67.21 | -41.25 | 25.96 |
| HE20, M0 to M11-STBC   | 8 | 6.00 | -75.27 | -74.87 | -74.74 | -74.51 | -74.74 | -75.19 | -75.11 | -74.71 | -65.85 | -41.25 | 24.60 |

## 5240 MHz (Peak):

| Mode                               | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Tx 5 Spurious (dBm) | Tx 6 Spurious (dBm) | Tx 7 Spurious (dBm) | Tx 8 Spurious (dBm) | Total (dBm) | FCC Peak Limit (dBm) | Margin (dB) |
|------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------|----------------------|-------------|
| non HT20, 6 to 54 Mbps             | 1        | 6.00                          | -67.55              |                     |                     |                     |                     |                     |                     |                     | -61.55      | -21.25               | 40.30       |
| non HT20, 6 to 54 Mbps             | 2        | 6.00                          | -67.21              | -67.55              |                     |                     |                     |                     |                     |                     | -58.37      | -21.25               | 37.12       |
| non HT20, 6 to 54 Mbps             | 3        | 6.00                          | -67.73              | -67.67              | -67.17              |                     |                     |                     |                     |                     | -56.75      | -21.25               | 35.50       |
| non HT20, 6 to 54 Mbps             | 4        | 6.00                          | -66.43              | -67.70              | -67.05              | -67.66              |                     |                     |                     |                     | -55.16      | -21.25               | 33.91       |
| non HT20, 6 to 54 Mbps             | 6        | 9.00                          | -67.25              | -67.31              | -66.55              |                     | -66.46              | -67.11              | -67.15              |                     | -50.18      | -21.25               | 28.93       |
| non HT20, 6 to 54 Mbps             | 8        | 9.00                          | -67.31              | -68.15              | -67.61              | -65.84              | -67.25              | -67.59              | -68.24              | -67.96              | -49.40      | -21.25               | 28.15       |
| non HT20, 6 to 54 Mbps-BF          | 2        | 9.01                          | -67.16              | -66.54              |                     |                     |                     |                     |                     |                     | -54.82      | -21.25               | 33.57       |
| non HT20, 6 to 54 Mbps-BF          | 3        | 10.77                         | -67.27              | -67.58              | -66.80              |                     |                     |                     |                     |                     | -51.66      | -21.25               | 30.41       |
| non HT20, 6 to 54 Mbps-BF          | 4        | 12.02                         | -66.84              | -67.14              | -67.21              | -66.55              |                     |                     |                     |                     | -48.88      | -21.25               | 27.63       |
| non HT20, 6 to 54 Mbps-BF          | 6        | 13.78                         | -67.26              | -67.01              | -68.14              |                     | -67.00              | -66.62              | -66.63              |                     | -45.52      | -21.25               | 24.27       |
| non HT20, 6 to 54 Mbps-BF          | 8        | 15.03                         | -67.11              | -67.97              | -67.49              | -66.45              | -66.53              | -67.05              | -67.67              | -67.74              | -43.16      | -21.25               | 21.91       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 1        | 6.00                          | -66.71              |                     |                     |                     |                     |                     |                     |                     | -60.71      | -21.25               | 39.46       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 2        | 6.00                          | -67.82              | -67.46              |                     |                     |                     |                     |                     |                     | -58.63      | -21.25               | 37.38       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 2        | 6.00                          | -67.65              | -66.71              |                     |                     |                     |                     |                     |                     | -58.15      | -21.25               | 36.90       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 3        | 6.00                          | -67.95              | -66.77              | -65.82              |                     |                     |                     |                     |                     | -55.99      | -21.25               | 34.74       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 3        | 6.00                          | -66.63              | -67.80              | -66.67              |                     |                     |                     |                     |                     | -56.23      | -21.25               | 34.98       |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 3        | 6.00                          | -67.34              | -66.95              | -67.39              |                     |                     |                     |                     |                     | -56.45      | -21.25               | 35.20       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 4        | 6.00                          | -65.57              | -67.50              | -67.54              | -67.19              |                     |                     |                     |                     | -54.85      | -21.25               | 33.60       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 4        | 6.00                          | -67.10              | -66.53              | -67.03              | -67.83              |                     |                     |                     |                     | -55.08      | -21.25               | 33.83       |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 4        | 6.00                          | -67.67              | -67.94              | -67.16              | -67.45              |                     |                     |                     |                     | -55.53      | -21.25               | 34.28       |
| HT/VHT20, M24 to M31, M0.4 to M8.4 | 4        | 6.00                          | -68.10              | -67.21              | -68.01              | -67.12              |                     |                     |                     |                     | -55.57      | -21.25               | 34.32       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 6        | 9.00                          | -68.04              | -67.23              | -66.27              |                     | -68.01              | -66.99              | -67.59              |                     | -50.53      | -21.25               | 29.28       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 6        | 8.39                          | -67.85              | -67.48              | -65.80              |                     | -66.61              | -66.64              | -67.64              |                     | -50.77      | -21.25               | 29.52       |

|                                            |          |              |               |               |               |               |               |               |               |               |               |               |              |
|--------------------------------------------|----------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| HT/VHT20, M16 to M23, M0.3 to M8.3         | 6        | 7.51         | -66.96        | -65.75        | -67.80        |               | -66.93        | -67.09        | -66.86        |               | -51.56        | -21.25        | 30.31        |
| HT/VHT20, M24 to M31, M0.4 to M8.4         | 6        | 6.88         | -67.59        | -67.90        | -68.01        |               | -67.23        | -67.67        | -67.58        |               | -52.99        | -21.25        | 31.74        |
| VHT20, M0.5 to M8.5                        | 6        | 6.40         | -67.93        | -67.56        | -66.16        |               | -67.06        | -66.89        | -66.93        |               | -52.87        | -21.25        | 31.62        |
| VHT20, M0.6 to M8.6                        | 6        | 6.00         | -66.91        | -66.25        | -66.32        |               | -67.35        | -66.98        | -67.42        |               | -53.07        | -21.25        | 31.82        |
| HT/VHT20, M0 to M7, M0.1 to M8.1           | 8        | 9.00         | -67.05        | -68.15        | -66.99        | -67.72        | -67.58        | -67.15        | -67.79        | -66.26        | -49.27        | -21.25        | 28.02        |
| HT/VHT20, M8 to M15, M0.2 to M8.2          | 8        | 9.00         | -67.68        | -66.82        | -67.75        | -66.71        | -67.86        | -67.27        | -67.32        | -66.94        | -49.24        | -21.25        | 27.99        |
| HT/VHT20, M16 to M23, M0.3 to M8.3         | 8        | 8.13         | -66.65        | -66.84        | -67.19        | -66.29        | -67.33        | -67.13        | -66.82        | -67.22        | -49.76        | -21.25        | 28.51        |
| HT/VHT20, M24 to M31, M0.4 to M8.4         | 8        | 7.51         | -66.79        | -67.83        | -67.82        | -67.34        | -67.94        | -67.81        | -67.61        | -67.02        | -50.96        | -21.25        | 29.71        |
| VHT20, M0.5 to M8.5                        | 8        | 7.02         | -68.18        | -67.13        | -67.36        | -67.13        | -66.38        | -65.97        | -66.36        | -66.35        | -50.76        | -21.25        | 29.51        |
| VHT20, M0.6 to M8.6                        | 8        | 6.62         | -67.37        | -67.26        | -67.63        | -66.39        | -66.46        | -67.40        | -67.68        | -67.29        | -51.51        | -21.25        | 30.26        |
| VHT20, M0.7 to M8.7                        | 8        | 6.29         | -67.84        | -66.86        | -66.78        | -67.89        | -67.33        | -67.46        | -66.52        | -67.62        | -51.94        | -21.25        | 30.69        |
| VHT20, M0.8 to M8.8                        | 8        | 6.00         | -67.06        | -67.20        | -66.77        | -66.42        | -66.23        | -66.19        | -67.31        | -67.57        | -51.78        | -21.25        | 30.53        |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF        | 2        | 9.01         | -67.15        | -67.75        |               |               |               |               |               |               | -55.42        | -21.25        | 34.17        |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF       | 2        | 6.00         | -66.26        | -67.53        |               |               |               |               |               |               | -57.84        | -21.25        | 36.59        |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF        | 3        | 10.77        | -67.09        | -67.47        | -66.84        |               |               |               |               |               | -51.58        | -21.25        | 30.33        |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF       | 3        | 7.76         | -67.57        | -67.74        | -66.94        |               |               |               |               |               | -54.87        | -21.25        | 33.62        |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF      | 3        | 6.00         | -67.73        | -67.65        | -67.64        |               |               |               |               |               | -56.90        | -21.25        | 35.65        |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF        | 4        | 12.02        | -67.25        | -67.10        | -66.46        | -67.36        |               |               |               |               | -48.99        | -21.25        | 27.74        |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF       | 4        | 9.01         | -67.73        | -66.88        | -67.60        | -66.89        |               |               |               |               | -52.22        | -21.25        | 30.97        |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF      | 4        | 7.25         | -68.35        | -66.95        | -67.01        | -67.40        |               |               |               |               | -54.12        | -21.25        | 32.87        |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF      | 4        | 6.00         | -67.21        | -67.33        | -66.49        | -67.65        |               |               |               |               | -55.13        | -21.25        | 33.88        |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF        | 6        | 13.78        | -67.56        | -66.76        | -68.20        |               | -67.82        | -67.88        | -67.75        |               | -46.08        | -21.25        | 24.83        |
| HT/VHT20, M8 to M15, M0.2 to M8.2 -BF      | 6        | 10.77        | -68.16        | -67.66        | -66.83        |               | -67.27        | -68.02        | -66.92        |               | -48.90        | -21.25        | 27.65        |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF      | 6        | 9.01         | -66.76        | -67.79        | -67.14        |               | -67.47        | -67.70        | -68.06        |               | -50.67        | -21.25        | 29.42        |
| HT/VHT20, M24 to M31, M0.4 to M8.4 -BF     | 6        | 7.76         | -67.33        | -66.84        | -66.82        |               | -67.47        | -67.82        | -67.02        |               | -51.66        | -21.25        | 30.41        |
| VHT20, M0.5 to M8.5-BF                     | 6        | 6.79         | -66.57        | -66.87        | -67.04        |               | -67.51        | -67.64        | -66.75        |               | -52.47        | -21.25        | 31.22        |
| VHT20, M0.6 to M8.6-BF                     | 6        | 6.00         | -67.01        | -67.48        | -67.22        |               | -67.34        | -66.52        | -66.59        |               | -53.23        | -21.25        | 31.98        |
| <b>HT/VHT20, M0 to M7, M0.1 to M8.1-BF</b> | <b>8</b> | <b>15.03</b> | <b>-66.49</b> | <b>-67.02</b> | <b>-66.85</b> | <b>-66.80</b> | <b>-66.65</b> | <b>-66.89</b> | <b>-66.24</b> | <b>-66.68</b> | <b>-42.64</b> | <b>-21.25</b> | <b>21.39</b> |

|                                       |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 8 | 12.02 | -68.08 | -67.37 | -67.03 | -66.86 | -65.94 | -67.12 | -66.74 | -67.61 | -46.00 | -21.25 | 24.75 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 8 | 10.26 | -66.29 | -66.83 | -66.60 | -66.88 | -67.20 | -67.52 | -67.26 | -66.44 | -47.57 | -21.25 | 26.32 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 8 | 9.01  | -67.47 | -67.69 | -65.74 | -67.23 | -68.07 | -65.72 | -67.39 | -67.25 | -48.95 | -21.25 | 27.70 |
| VHT20, M0.5 to M8.5-BF                | 8 | 8.04  | -67.35 | -67.20 | -67.39 | -66.93 | -67.43 | -67.94 | -67.19 | -67.94 | -50.34 | -21.25 | 29.09 |
| VHT20, M0.6 to M8.6-BF                | 8 | 7.25  | -67.16 | -66.24 | -67.71 | -66.82 | -66.23 | -67.30 | -67.72 | -65.88 | -50.55 | -21.25 | 29.30 |
| VHT20, M0.7 to M8.7-BF                | 8 | 6.58  | -66.47 | -66.79 | -66.74 | -67.56 | -65.98 | -67.99 | -67.41 | -68.01 | -51.45 | -21.25 | 30.20 |
| VHT20, M0.8 to M8.8-BF                | 8 | 6.00  | -67.87 | -66.89 | -67.92 | -67.10 | -67.73 | -67.63 | -67.75 | -67.17 | -52.46 | -21.25 | 31.21 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 2 | 6.00  | -67.64 | -66.64 |        |        |        |        |        |        | -58.10 | -21.25 | 36.85 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 3 | 6.00  | -67.86 | -67.31 | -67.67 |        |        |        |        |        | -56.83 | -21.25 | 35.58 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 4 | 6.00  | -67.47 | -67.48 | -66.55 | -67.30 |        |        |        |        | -55.16 | -21.25 | 33.91 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 6 | 6.00  | -67.62 | -67.22 | -67.95 |        | -67.10 | -67.66 | -67.89 |        | -53.78 | -21.25 | 32.53 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 8 | 6.00  | -65.97 | -66.85 | -68.24 | -68.18 | -67.44 | -65.99 | -67.47 | -66.66 | -51.99 | -21.25 | 30.74 |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | -66.71 |        |        |        |        |        |        |        | -60.71 | -21.25 | 39.46 |
| HE20, M0.1 to M11.1                   | 2 | 6.00  | -67.68 | -68.11 |        |        |        |        |        |        | -58.88 | -21.25 | 37.63 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | -66.65 | -67.76 |        |        |        |        |        |        | -58.16 | -21.25 | 36.91 |
| HE20, M0.1 to M11.1                   | 3 | 6.00  | -67.20 | -67.45 | -67.69 |        |        |        |        |        | -56.67 | -21.25 | 35.42 |
| HE20, M0.2 to M11.2                   | 3 | 6.00  | -67.42 | -66.59 | -65.18 |        |        |        |        |        | -55.52 | -21.25 | 34.27 |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | -67.40 | -67.96 | -67.70 |        |        |        |        |        | -56.91 | -21.25 | 35.66 |
| HE20, M0.1 to M11.1                   | 4 | 6.00  | -67.94 | -67.30 | -68.13 | -67.29 |        |        |        |        | -55.63 | -21.25 | 34.38 |
| HE20, M0.2 to M11.2                   | 4 | 6.00  | -67.50 | -67.19 | -66.64 | -67.54 |        |        |        |        | -55.18 | -21.25 | 33.93 |
| HE20, M0.3 to M11.3                   | 4 | 6.00  | -67.36 | -67.76 | -67.02 | -67.01 |        |        |        |        | -55.26 | -21.25 | 34.01 |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | -66.27 | -68.17 | -67.18 | -65.80 |        |        |        |        | -54.74 | -21.25 | 33.49 |
| HE20, M0.1 to M11.1                   | 6 | 9.00  | -67.17 | -66.50 | -67.83 |        | -67.25 | -67.75 | -67.43 |        | -50.52 | -21.25 | 29.27 |
| HE20, M0.2 to M11.2                   | 6 | 8.39  | -67.61 | -67.55 | -67.56 |        | -66.43 | -67.65 | -67.09 |        | -51.12 | -21.25 | 29.87 |
| HE20, M0.3 to M11.3                   | 6 | 7.51  | -67.17 | -66.91 | -67.77 |        | -66.17 | -66.46 | -67.06 |        | -51.60 | -21.25 | 30.35 |
| HE20, M0.4 to M11.4                   | 6 | 6.88  | -66.75 | -66.78 | -67.65 |        | -67.62 | -67.03 | -67.73 |        | -52.58 | -21.25 | 31.33 |
| HE20, M0.5 to M11.5                   | 6 | 6.40  | -67.65 | -67.42 | -67.66 |        | -68.20 | -67.24 | -67.33 |        | -53.39 | -21.25 | 32.14 |
| HE20, M0.6 to M11.6                   | 6 | 6.00  | -67.31 | -67.40 | -67.73 |        | -67.51 | -67.43 | -67.77 |        | -53.74 | -21.25 | 32.49 |

|                        |   |       |        |        |        |        |        |        |        |        |        |        |       |
|------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE20, M0.1 to M11.1    | 8 | 9.00  | -65.66 | -67.17 | -67.57 | -66.42 | -67.60 | -67.05 | -66.94 | -67.91 | -48.95 | -21.25 | 27.70 |
| HE20, M0.2 to M11.2    | 8 | 9.00  | -67.02 | -67.16 | -67.39 | -66.99 | -67.33 | -66.86 | -67.61 | -65.88 | -48.97 | -21.25 | 27.72 |
| HE20, M0.3 to M11.3    | 8 | 8.13  | -67.36 | -67.50 | -67.56 | -66.50 | -66.96 | -67.15 | -65.50 | -67.27 | -49.76 | -21.25 | 28.51 |
| HE20, M0.4 to M11.4    | 8 | 7.51  | -67.51 | -67.54 | -66.85 | -66.97 | -67.65 | -66.37 | -66.63 | -67.47 | -50.56 | -21.25 | 29.31 |
| HE20, M0.5 to M11.5    | 8 | 7.02  | -67.32 | -67.58 | -65.74 | -67.96 | -67.40 | -68.21 | -67.60 | -67.43 | -51.30 | -21.25 | 30.05 |
| HE20, M0.6 to M11.6    | 8 | 6.62  | -67.85 | -67.21 | -67.17 | -66.84 | -68.09 | -66.20 | -67.09 | -67.53 | -51.56 | -21.25 | 30.31 |
| HE20, M0.7 to M11.7    | 8 | 6.29  | -66.66 | -68.09 | -67.49 | -67.84 | -67.76 | -67.83 | -66.60 | -66.89 | -52.04 | -21.25 | 30.79 |
| HE20, M0.8 to M11.8    | 8 | 6.00  | -65.82 | -66.80 | -67.21 | -67.36 | -66.68 | -67.27 | -66.40 | -67.30 | -51.79 | -21.25 | 30.54 |
| HE20, M0.1 to M11.1-BF | 2 | 9.01  | -67.38 | -66.41 |        |        |        |        |        |        | -54.85 | -21.25 | 33.60 |
| HE20, M0.2 to M11.2-BF | 2 | 6.00  | -67.39 | -67.29 |        |        |        |        |        |        | -58.33 | -21.25 | 37.08 |
| HE20, M0.1 to M11.1-BF | 3 | 10.77 | -66.87 | -67.39 | -67.16 |        |        |        |        |        | -51.59 | -21.25 | 30.34 |
| HE20, M0.2 to M11.2-BF | 3 | 7.76  | -65.91 | -67.25 | -67.15 |        |        |        |        |        | -54.19 | -21.25 | 32.94 |
| HE20, M0.3 to M11.3-BF | 3 | 6.00  | -66.84 | -67.02 | -67.42 |        |        |        |        |        | -56.31 | -21.25 | 35.06 |
| HE20, M0.1 to M11.1-BF | 4 | 12.02 | -67.84 | -67.63 | -67.59 | -67.29 |        |        |        |        | -49.54 | -21.25 | 28.29 |
| HE20, M0.2 to M11.2-BF | 4 | 9.01  | -67.58 | -65.26 | -67.12 | -66.76 |        |        |        |        | -51.55 | -21.25 | 30.30 |
| HE20, M0.3 to M11.3-BF | 4 | 7.25  | -67.19 | -67.57 | -67.13 | -67.26 |        |        |        |        | -54.01 | -21.25 | 32.76 |
| HE20, M0.4 to M11.4-BF | 4 | 6.00  | -67.51 | -66.24 | -67.74 | -67.50 |        |        |        |        | -55.18 | -21.25 | 33.93 |
| HE20, M0.1 to M11.1-BF | 6 | 13.78 | -67.72 | -67.89 | -67.46 |        | -67.50 | -67.76 | -66.96 |        | -45.98 | -21.25 | 24.73 |
| HE20, M0.2 to M11.2-BF | 6 | 10.77 | -67.12 | -67.09 | -66.35 |        | -67.45 | -66.62 | -67.44 |        | -48.44 | -21.25 | 27.19 |
| HE20, M0.3 to M11.3-BF | 6 | 9.01  | -67.82 | -67.19 | -66.96 |        | -67.01 | -67.05 | -66.76 |        | -50.33 | -21.25 | 29.08 |
| HE20, M0.4 to M11.4-BF | 6 | 7.76  | -67.24 | -67.12 | -66.49 |        | -67.28 | -67.44 | -68.05 |        | -51.71 | -21.25 | 30.46 |
| HE20, M0.5 to M11.5-BF | 6 | 6.79  | -66.59 | -67.33 | -67.47 |        | -67.31 | -67.17 | -67.06 |        | -52.57 | -21.25 | 31.32 |
| HE20, M0.6 to M11.6-BF | 6 | 6.00  | -66.29 | -67.56 | -67.22 |        | -67.79 | -66.07 | -66.54 |        | -53.08 | -21.25 | 31.83 |
| HE20, M0.1 to M11.1-BF | 8 | 15.03 | -66.77 | -68.09 | -66.81 | -67.74 | -67.87 | -67.06 | -67.41 | -67.14 | -43.27 | -21.25 | 22.02 |
| HE20, M0.2 to M11.2-BF | 8 | 12.02 | -68.03 | -66.57 | -67.37 | -67.32 | -66.97 | -66.89 | -67.16 | -67.99 | -46.21 | -21.25 | 24.96 |
| HE20, M0.3 to M11.3-BF | 8 | 10.26 | -67.72 | -67.77 | -67.92 | -67.06 | -67.69 | -67.10 | -67.34 | -67.92 | -48.26 | -21.25 | 27.01 |
| HE20, M0.4 to M11.4-BF | 8 | 9.01  | -67.36 | -67.49 | -66.62 | -66.76 | -67.24 | -66.74 | -67.18 | -66.99 | -48.99 | -21.25 | 27.74 |
| HE20, M0.5 to M11.5-BF | 8 | 8.04  | -67.98 | -67.62 | -66.44 | -67.48 | -67.47 | -67.07 | -67.38 | -67.06 | -50.22 | -21.25 | 28.97 |

|                        |   |      |        |        |        |        |        |        |        |        |        |        |       |
|------------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE20, M0.6 to M11.6-BF | 8 | 7.25 | -67.55 | -66.78 | -67.61 | -67.05 | -66.92 | -67.71 | -66.95 | -67.64 | -50.98 | -21.25 | 29.73 |
| HE20, M0.7 to M11.7-BF | 8 | 6.58 | -67.87 | -66.73 | -67.44 | -67.46 | -67.10 | -66.30 | -67.12 | -67.33 | -51.53 | -21.25 | 30.28 |
| HE20, M0.8 to M11.8-BF | 8 | 6.00 | -67.09 | -66.99 | -66.72 | -68.01 | -66.83 | -67.90 | -67.72 | -68.00 | -52.34 | -21.25 | 31.09 |
| HE20, M0 to M11-STBC   | 2 | 6.00 | -66.99 | -67.77 |        |        |        |        |        |        | -58.35 | -21.25 | 37.10 |
| HE20, M0 to M11-STBC   | 3 | 6.00 | -67.62 | -66.96 | -66.93 |        |        |        |        |        | -56.39 | -21.25 | 35.14 |
| HE20, M0 to M11-STBC   | 4 | 6.00 | -67.50 | -67.26 | -67.35 | -67.17 |        |        |        |        | -55.30 | -21.25 | 34.05 |
| HE20, M0 to M11-STBC   | 6 | 6.00 | -67.66 | -67.04 | -67.12 |        | -67.57 | -67.65 | -66.93 |        | -53.53 | -21.25 | 32.28 |
| HE20, M0 to M11-STBC   | 8 | 6.00 | -67.55 | -67.40 | -66.99 | -67.38 | -67.66 | -67.58 | -67.85 | -67.21 | -52.41 | -21.25 | 31.16 |

## 5240 MHz (Average):

| Mode                               | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Tx 5 Spurious (dBm) | Tx 6 Spurious (dBm) | Tx 7 Spurious (dBm) | Tx 8 Spurious (dBm) | Total (dBm) | FCC Average Limit (dBm) | Margin (dB) |
|------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------|-------------------------|-------------|
| non HT20, 6 to 54 Mbps             | 1        | 6.00                          | -75.29              |                     |                     |                     |                     |                     |                     |                     | -69.29      | -41.25                  | 28.04       |
| non HT20, 6 to 54 Mbps             | 2        | 6.00                          | -75.12              | -74.88              |                     |                     |                     |                     |                     |                     | -65.99      | -41.25                  | 24.74       |
| non HT20, 6 to 54 Mbps             | 3        | 6.00                          | -74.84              | -75.06              | -75.16              |                     |                     |                     |                     |                     | -64.25      | -41.25                  | 23.00       |
| non HT20, 6 to 54 Mbps             | 4        | 6.00                          | -74.40              | -75.30              | -74.67              | -74.91              |                     |                     |                     |                     | -62.78      | -41.25                  | 21.53       |
| non HT20, 6 to 54 Mbps             | 6        | 9.00                          | -75.13              | -74.90              | -74.81              |                     | -74.86              | -74.87              | -74.76              |                     | -58.10      | -41.25                  | 16.85       |
| non HT20, 6 to 54 Mbps             | 8        | 9.00                          | -74.79              | -74.74              | -75.26              | -74.91              | -75.29              | -74.05              | -75.30              | -74.64              | -56.82      | -41.25                  | 15.57       |
| non HT20, 6 to 54 Mbps-BF          | 2        | 9.01                          | -74.83              | -74.51              |                     |                     |                     |                     |                     |                     | -62.64      | -41.25                  | 21.39       |
| non HT20, 6 to 54 Mbps-BF          | 3        | 10.77                         | -74.92              | -74.84              | -74.27              |                     |                     |                     |                     |                     | -59.12      | -41.25                  | 17.87       |
| non HT20, 6 to 54 Mbps-BF          | 4        | 12.02                         | -75.29              | -74.64              | -74.88              | -75.27              |                     |                     |                     |                     | -56.97      | -41.25                  | 15.72       |
| non HT20, 6 to 54 Mbps-BF          | 6        | 13.78                         | -75.14              | -74.87              | -74.70              |                     | -75.11              | -75.42              | -74.87              |                     | -53.45      | -41.25                  | 12.20       |
| non HT20, 6 to 54 Mbps-BF          | 8        | 15.03                         | -75.15              | -75.27              | -75.31              | -74.47              | -75.06              | -75.00              | -74.90              | -74.76              | -50.92      | -41.25                  | 9.67        |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 1        | 6.00                          | -75.12              |                     |                     |                     |                     |                     |                     |                     | -69.12      | -41.25                  | 27.87       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 2        | 6.00                          | -75.04              | -75.49              |                     |                     |                     |                     |                     |                     | -66.25      | -41.25                  | 25.00       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 2        | 6.00                          | -74.42              | -75.03              |                     |                     |                     |                     |                     |                     | -65.70      | -41.25                  | 24.45       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 3        | 6.00                          | -74.58              | -75.38              | -74.82              |                     |                     |                     |                     |                     | -64.14      | -41.25                  | 22.89       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 3        | 6.00                          | -75.02              | -74.78              | -75.11              |                     |                     |                     |                     |                     | -64.20      | -41.25                  | 22.95       |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 3        | 6.00                          | -74.37              | -74.97              | -75.01              |                     |                     |                     |                     |                     | -64.00      | -41.25                  | 22.75       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 4        | 6.00                          | -74.64              | -74.58              | -74.65              | -74.99              |                     |                     |                     |                     | -62.69      | -41.25                  | 21.44       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 4        | 6.00                          | -74.57              | -74.28              | -74.75              | -74.61              |                     |                     |                     |                     | -62.53      | -41.25                  | 21.28       |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 4        | 6.00                          | -75.22              | -75.27              | -75.37              | -75.11              |                     |                     |                     |                     | -63.22      | -41.25                  | 21.97       |
| HT/VHT20, M24 to M31, M0.4 to M8.4 | 4        | 6.00                          | -74.88              | -75.10              | -74.57              | -74.78              |                     |                     |                     |                     | -62.81      | -41.25                  | 21.56       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 6        | 9.00                          | -75.01              | -74.84              | -75.54              |                     | -74.55              | -74.92              | -74.01              |                     | -58.00      | -41.25                  | 16.75       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 6        | 8.39                          | -74.37              | -74.28              | -74.08              |                     | -74.56              | -75.05              | -75.17              |                     | -58.40      | -41.25                  | 17.15       |



|                                        |   |       |        |        |        |        |        |        |        |        |        |        |       |
|----------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HT/VHT20, M16 to M23, M0.3 to M8.3     | 6 | 7.51  | -75.53 | -75.12 | -75.25 |        | -75.24 | -74.67 | -75.02 |        | -59.84 | -41.25 | 18.59 |
| HT/VHT20, M24 to M31, M0.4 to M8.4     | 6 | 6.88  | -75.26 | -75.02 | -74.99 |        | -74.85 | -74.80 | -75.06 |        | -60.33 | -41.25 | 19.08 |
| VHT20, M0.5 to M8.5                    | 6 | 6.40  | -74.53 | -75.03 | -74.58 |        | -75.13 | -75.00 | -75.13 |        | -60.71 | -41.25 | 19.46 |
| VHT20, M0.6 to M8.6                    | 6 | 6.00  | -75.41 | -75.10 | -75.32 |        | -74.53 | -74.62 | -75.34 |        | -61.26 | -41.25 | 20.01 |
| HT/VHT20, M0 to M7, M0.1 to M8.1       | 8 | 9.00  | -74.86 | -74.51 | -74.75 | -74.98 | -75.19 | -74.86 | -74.72 | -74.91 | -56.81 | -41.25 | 15.56 |
| HT/VHT20, M8 to M15, M0.2 to M8.2      | 8 | 9.00  | -75.42 | -74.92 | -75.13 | -74.86 | -75.06 | -75.17 | -74.72 | -74.69 | -56.96 | -41.25 | 15.71 |
| HT/VHT20, M16 to M23, M0.3 to M8.3     | 8 | 8.13  | -74.77 | -74.78 | -75.25 | -75.52 | -74.54 | -74.57 | -75.29 | -74.26 | -57.69 | -41.25 | 16.44 |
| HT/VHT20, M24 to M31, M0.4 to M8.4     | 8 | 7.51  | -75.02 | -74.79 | -74.84 | -74.31 | -74.45 | -75.08 | -74.72 | -74.45 | -58.16 | -41.25 | 16.91 |
| VHT20, M0.5 to M8.5                    | 8 | 7.02  | -75.42 | -73.93 | -74.88 | -75.48 | -75.35 | -74.87 | -75.45 | -75.20 | -58.99 | -41.25 | 17.74 |
| VHT20, M0.6 to M8.6                    | 8 | 6.62  | -74.90 | -74.34 | -74.84 | -75.08 | -75.07 | -74.30 | -74.75 | -74.39 | -59.05 | -41.25 | 17.80 |
| VHT20, M0.7 to M8.7                    | 8 | 6.29  | -74.79 | -74.69 | -74.97 | -74.84 | -74.32 | -74.83 | -74.61 | -75.12 | -59.45 | -41.25 | 18.20 |
| VHT20, M0.8 to M8.8                    | 8 | 6.00  | -75.13 | -74.63 | -74.70 | -75.21 | -74.63 | -74.49 | -74.67 | -74.45 | -59.70 | -41.25 | 18.45 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 2 | 9.01  | -74.98 | -74.52 |        |        |        |        |        |        | -62.72 | -41.25 | 21.47 |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 2 | 6.00  | -75.05 | -75.12 |        |        |        |        |        |        | -66.07 | -41.25 | 24.82 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 3 | 10.77 | -74.97 | -75.42 | -74.44 |        |        |        |        |        | -59.38 | -41.25 | 18.13 |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 3 | 7.76  | -74.96 | -74.62 | -75.13 |        |        |        |        |        | -62.37 | -41.25 | 21.12 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 3 | 6.00  | -74.78 | -75.02 | -75.00 |        |        |        |        |        | -64.16 | -41.25 | 22.91 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 4 | 12.02 | -75.00 | -74.46 | -75.07 | -74.13 |        |        |        |        | -56.61 | -41.25 | 15.36 |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 4 | 9.01  | -75.21 | -75.31 | -75.14 | -74.28 |        |        |        |        | -59.93 | -41.25 | 18.68 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 4 | 7.25  | -74.96 | -74.41 | -74.50 | -74.84 |        |        |        |        | -61.40 | -41.25 | 20.15 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF  | 4 | 6.00  | -75.11 | -75.02 | -74.93 | -75.31 |        |        |        |        | -63.07 | -41.25 | 21.82 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 6 | 13.78 | -75.27 | -75.33 | -74.65 |        | -75.22 | -74.82 | -75.00 |        | -53.48 | -41.25 | 12.23 |
| HT/VHT20, M8 to M15, M0.2 to M8.2 -BF  | 6 | 10.77 | -75.01 | -74.99 | -74.80 |        | -75.18 | -75.07 | -74.76 |        | -56.42 | -41.25 | 15.17 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 6 | 9.01  | -75.21 | -74.69 | -74.93 |        | -75.28 | -74.52 | -74.81 |        | -58.11 | -41.25 | 16.86 |
| HT/VHT20, M24 to M31, M0.4 to M8.4 -BF | 6 | 7.76  | -74.72 | -74.69 | -74.91 |        | -74.56 | -74.40 | -74.46 |        | -59.08 | -41.25 | 17.83 |
| VHT20, M0.5 to M8.5-BF                 | 6 | 6.79  | -74.44 | -74.89 | -75.26 |        | -74.66 | -75.21 | -75.21 |        | -60.36 | -41.25 | 19.11 |
| VHT20, M0.6 to M8.6-BF                 | 6 | 6.00  | -74.69 | -74.80 | -74.98 |        | -74.41 | -74.56 | -74.12 |        | -60.80 | -41.25 | 19.55 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 8 | 15.03 | -74.85 | -74.93 | -74.72 | -74.87 | -74.14 | -75.08 | -75.16 | -75.09 | -50.78 | -41.25 | 9.53  |

|                                       |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 8 | 12.02 | -75.25 | -74.81 | -74.98 | -74.52 | -75.34 | -74.04 | -74.73 | -74.87 | -53.75 | -41.25 | 12.50 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 8 | 10.26 | -75.01 | -74.93 | -75.28 | -75.16 | -74.76 | -74.46 | -74.70 | -74.87 | -55.60 | -41.25 | 14.35 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 8 | 9.01  | -75.23 | -75.16 | -74.39 | -74.51 | -74.87 | -75.06 | -75.25 | -74.99 | -56.88 | -41.25 | 15.63 |
| VHT20, M0.5 to M8.5-BF                | 8 | 8.04  | -75.26 | -75.24 | -74.61 | -74.92 | -74.77 | -74.83 | -74.76 | -74.48 | -57.78 | -41.25 | 16.53 |
| VHT20, M0.6 to M8.6-BF                | 8 | 7.25  | -75.07 | -75.33 | -74.99 | -75.05 | -74.44 | -74.98 | -74.87 | -74.77 | -58.65 | -41.25 | 17.40 |
| VHT20, M0.7 to M8.7-BF                | 8 | 6.58  | -74.81 | -75.41 | -74.70 | -74.98 | -74.86 | -74.43 | -75.23 | -74.45 | -59.24 | -41.25 | 17.99 |
| VHT20, M0.8 to M8.8-BF                | 8 | 6.00  | -75.31 | -74.69 | -73.71 | -75.25 | -74.84 | -73.52 | -74.68 | -74.63 | -59.50 | -41.25 | 18.25 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 2 | 6.00  | -75.24 | -74.59 |        |        |        |        |        |        | -65.89 | -41.25 | 24.64 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 3 | 6.00  | -75.02 | -74.00 | -75.34 |        |        |        |        |        | -63.98 | -41.25 | 22.73 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 4 | 6.00  | -74.60 | -74.38 | -75.00 | -74.81 |        |        |        |        | -62.67 | -41.25 | 21.42 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 6 | 6.00  | -75.39 | -75.37 | -74.60 |        | -75.56 | -74.64 | -74.69 |        | -61.24 | -41.25 | 19.99 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 8 | 6.00  | -74.92 | -74.88 | -75.21 | -74.28 | -74.65 | -74.77 | -74.42 | -75.07 | -59.73 | -41.25 | 18.48 |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | -75.18 |        |        |        |        |        |        |        | -69.18 | -41.25 | 27.93 |
| HE20, M0.1 to M11.1                   | 2 | 6.00  | -75.12 | -75.47 |        |        |        |        |        |        | -66.28 | -41.25 | 25.03 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | -74.67 | -75.13 |        |        |        |        |        |        | -65.88 | -41.25 | 24.63 |
| HE20, M0.1 to M11.1                   | 3 | 6.00  | -75.06 | -74.92 | -74.98 |        |        |        |        |        | -64.22 | -41.25 | 22.97 |
| HE20, M0.2 to M11.2                   | 3 | 6.00  | -75.72 | -74.51 | -74.99 |        |        |        |        |        | -64.27 | -41.25 | 23.02 |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | -74.89 | -74.62 | -74.74 |        |        |        |        |        | -63.97 | -41.25 | 22.72 |
| HE20, M0.1 to M11.1                   | 4 | 6.00  | -75.00 | -74.95 | -75.24 | -74.36 |        |        |        |        | -62.85 | -41.25 | 21.60 |
| HE20, M0.2 to M11.2                   | 4 | 6.00  | -75.30 | -75.28 | -75.14 | -74.47 |        |        |        |        | -63.01 | -41.25 | 21.76 |
| HE20, M0.3 to M11.3                   | 4 | 6.00  | -74.70 | -74.83 | -74.94 | -74.48 |        |        |        |        | -62.71 | -41.25 | 21.46 |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | -75.06 | -75.24 | -75.10 | -74.90 |        |        |        |        | -63.05 | -41.25 | 21.80 |
| HE20, M0.1 to M11.1                   | 6 | 9.00  | -75.38 | -75.44 | -74.82 |        | -74.65 | -75.29 | -74.94 |        | -58.29 | -41.25 | 17.04 |
| HE20, M0.2 to M11.2                   | 6 | 8.39  | -74.54 | -75.26 | -74.94 |        | -74.92 | -75.23 | -74.72 |        | -58.76 | -41.25 | 17.51 |
| HE20, M0.3 to M11.3                   | 6 | 7.51  | -74.49 | -75.10 | -74.64 |        | -75.18 | -74.68 | -75.15 |        | -59.57 | -41.25 | 18.32 |
| HE20, M0.4 to M11.4                   | 6 | 6.88  | -74.81 | -74.33 | -74.77 |        | -75.20 | -74.54 | -74.16 |        | -59.96 | -41.25 | 18.71 |
| HE20, M0.5 to M11.5                   | 6 | 6.40  | -75.10 | -75.04 | -75.40 |        | -75.44 | -74.89 | -74.72 |        | -60.91 | -41.25 | 19.66 |
| HE20, M0.6 to M11.6                   | 6 | 6.00  | -74.91 | -74.50 | -75.15 |        | -74.88 | -74.88 | -73.93 |        | -60.91 | -41.25 | 19.66 |

|                        |   |       |        |        |        |        |        |        |        |        |        |        |       |
|------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE20, M0.1 to M11.1    | 8 | 9.00  | -74.89 | -75.01 | -75.04 | -75.42 | -74.41 | -74.30 | -74.72 | -75.46 | -56.86 | -41.25 | 15.61 |
| HE20, M0.2 to M11.2    | 8 | 9.00  | -74.39 | -75.03 | -73.88 | -74.62 | -74.93 | -74.84 | -75.18 | -75.17 | -56.70 | -41.25 | 15.45 |
| HE20, M0.3 to M11.3    | 8 | 8.13  | -74.70 | -75.38 | -75.50 | -74.90 | -74.36 | -74.49 | -74.60 | -74.93 | -57.68 | -41.25 | 16.43 |
| HE20, M0.4 to M11.4    | 8 | 7.51  | -74.53 | -74.99 | -75.30 | -75.09 | -74.55 | -74.67 | -74.50 | -74.77 | -58.25 | -41.25 | 17.00 |
| HE20, M0.5 to M11.5    | 8 | 7.02  | -74.99 | -75.03 | -74.03 | -74.94 | -74.39 | -74.88 | -74.18 | -75.00 | -58.61 | -41.25 | 17.36 |
| HE20, M0.6 to M11.6    | 8 | 6.62  | -75.43 | -75.03 | -75.07 | -74.55 | -74.66 | -74.72 | -74.96 | -74.93 | -59.26 | -41.25 | 18.01 |
| HE20, M0.7 to M11.7    | 8 | 6.29  | -74.88 | -74.82 | -74.46 | -74.89 | -74.80 | -75.09 | -74.53 | -74.94 | -59.48 | -41.25 | 18.23 |
| HE20, M0.8 to M11.8    | 8 | 6.00  | -74.98 | -75.02 | -75.30 | -74.90 | -74.78 | -74.34 | -74.87 | -75.19 | -59.88 | -41.25 | 18.63 |
| HE20, M0.1 to M11.1-BF | 2 | 9.01  | -74.68 | -75.24 |        |        |        |        |        |        | -62.93 | -41.25 | 21.68 |
| HE20, M0.2 to M11.2-BF | 2 | 6.00  | -74.89 | -74.93 |        |        |        |        |        |        | -65.90 | -41.25 | 24.65 |
| HE20, M0.1 to M11.1-BF | 3 | 10.77 | -74.79 | -75.43 | -74.73 |        |        |        |        |        | -59.43 | -41.25 | 18.18 |
| HE20, M0.2 to M11.2-BF | 3 | 7.76  | -74.58 | -75.21 | -75.03 |        |        |        |        |        | -62.40 | -41.25 | 21.15 |
| HE20, M0.3 to M11.3-BF | 3 | 6.00  | -74.83 | -75.15 | -74.52 |        |        |        |        |        | -64.05 | -41.25 | 22.80 |
| HE20, M0.1 to M11.1-BF | 4 | 12.02 | -74.80 | -74.99 | -74.93 | -74.87 |        |        |        |        | -56.86 | -41.25 | 15.61 |
| HE20, M0.2 to M11.2-BF | 4 | 9.01  | -74.95 | -74.88 | -74.48 | -74.89 |        |        |        |        | -59.76 | -41.25 | 18.51 |
| HE20, M0.3 to M11.3-BF | 4 | 7.25  | -74.92 | -74.86 | -75.06 | -74.80 |        |        |        |        | -61.64 | -41.25 | 20.39 |
| HE20, M0.4 to M11.4-BF | 4 | 6.00  | -75.10 | -75.41 | -74.83 | -74.88 |        |        |        |        | -63.03 | -41.25 | 21.78 |
| HE20, M0.1 to M11.1-BF | 6 | 13.78 | -74.57 | -75.10 | -74.92 |        | -74.83 | -75.20 | -75.32 |        | -53.42 | -41.25 | 12.17 |
| HE20, M0.2 to M11.2-BF | 6 | 10.77 | -74.84 | -74.94 | -75.21 |        | -75.03 | -74.65 | -74.76 |        | -56.35 | -41.25 | 15.10 |
| HE20, M0.3 to M11.3-BF | 6 | 9.01  | -74.73 | -75.21 | -74.66 |        | -74.26 | -75.15 | -74.88 |        | -58.01 | -41.25 | 16.76 |
| HE20, M0.4 to M11.4-BF | 6 | 7.76  | -74.71 | -74.87 | -74.74 |        | -74.87 | -75.03 | -74.67 |        | -59.27 | -41.25 | 18.02 |
| HE20, M0.5 to M11.5-BF | 6 | 6.79  | -75.00 | -74.99 | -75.07 |        | -75.42 | -74.95 | -74.05 |        | -60.32 | -41.25 | 19.07 |
| HE20, M0.6 to M11.6-BF | 6 | 6.00  | -74.76 | -75.09 | -74.28 |        | -75.02 | -74.73 | -74.92 |        | -61.01 | -41.25 | 19.76 |
| HE20, M0.1 to M11.1-BF | 8 | 15.03 | -74.92 | -74.72 | -75.32 | -74.56 | -75.28 | -74.86 | -74.54 | -74.70 | -50.79 | -41.25 | 9.54  |
| HE20, M0.2 to M11.2-BF | 8 | 12.02 | -75.05 | -75.36 | -75.01 | -75.17 | -74.47 | -75.43 | -74.66 | -75.00 | -53.96 | -41.25 | 12.71 |
| HE20, M0.3 to M11.3-BF | 8 | 10.26 | -75.31 | -75.04 | -75.04 | -75.27 | -75.01 | -74.48 | -74.72 | -75.37 | -55.73 | -41.25 | 14.48 |
| HE20, M0.4 to M11.4-BF | 8 | 9.01  | -74.86 | -74.91 | -75.04 | -74.89 | -74.96 | -74.43 | -74.56 | -75.01 | -56.79 | -41.25 | 15.54 |
| HE20, M0.5 to M11.5-BF | 8 | 8.04  | -74.83 | -74.96 | -74.87 | -75.12 | -75.14 | -74.85 | -74.48 | -74.70 | -57.79 | -41.25 | 16.54 |

|                        |   |      |        |        |        |        |        |        |        |        |        |        |       |
|------------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE20, M0.6 to M11.6-BF | 8 | 7.25 | -74.72 | -74.14 | -74.96 | -75.22 | -75.34 | -75.11 | -75.01 | -74.84 | -58.62 | -41.25 | 17.37 |
| HE20, M0.7 to M11.7-BF | 8 | 6.58 | -75.15 | -74.66 | -74.42 | -74.65 | -74.47 | -74.32 | -75.30 | -74.88 | -59.11 | -41.25 | 17.86 |
| HE20, M0.8 to M11.8-BF | 8 | 6.00 | -74.46 | -74.43 | -74.88 | -74.84 | -74.01 | -75.06 | -75.19 | -74.95 | -59.68 | -41.25 | 18.43 |
| HE20, M0 to M11-STBC   | 2 | 6.00 | -74.86 | -74.98 |        |        |        |        |        |        | -65.91 | -41.25 | 24.66 |
| HE20, M0 to M11-STBC   | 3 | 6.00 | -75.18 | -74.14 | -75.60 |        |        |        |        |        | -64.16 | -41.25 | 22.91 |
| HE20, M0 to M11-STBC   | 4 | 6.00 | -74.83 | -74.91 | -75.34 | -74.97 |        |        |        |        | -62.99 | -41.25 | 21.74 |
| HE20, M0 to M11-STBC   | 6 | 6.00 | -75.00 | -74.56 | -74.79 |        | -74.08 | -75.12 | -75.29 |        | -61.00 | -41.25 | 19.75 |
| HE20, M0 to M11-STBC   | 8 | 6.00 | -75.03 | -75.28 | -75.25 | -74.74 | -74.56 | -75.31 | -75.02 | -74.96 | -59.98 | -41.25 | 18.73 |

## 5190 MHz (Peak):

| Mode                               | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Tx 5 Spurious (dBm) | Tx 6 Spurious (dBm) | Tx 7 Spurious (dBm) | Tx 8 Spurious (dBm) | Total (dBm) | FCC Peak Limit (dBm) | Margin (dB) |
|------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------|----------------------|-------------|
| non HT40, 6 to 54 Mbps             | 1        | 6.00                          | -66.66              |                     |                     |                     |                     |                     |                     |                     | -66.66      | -21.25               | 45.41       |
| non HT40, 6 to 54 Mbps             | 2        | 6.00                          | -67.09              | -66.06              |                     |                     |                     |                     |                     |                     | -57.54      | -21.25               | 36.29       |
| non HT40, 6 to 54 Mbps             | 3        | 6.00                          | -66.77              | -66.40              | -67.70              |                     |                     |                     |                     |                     | -56.15      | -21.25               | 34.90       |
| non HT40, 6 to 54 Mbps             | 4        | 6.00                          | -67.55              | -67.13              | -67.65              | -66.61              |                     |                     |                     |                     | -55.20      | -21.25               | 33.95       |
| non HT40, 6 to 54 Mbps             | 6        | 9.00                          | -67.53              | -67.41              | -67.86              |                     | -66.47              | -66.89              | -67.53              |                     | -50.47      | -21.25               | 29.22       |
| non HT40, 6 to 54 Mbps             | 8        | 9.00                          | -67.71              | -67.82              | -67.55              | -67.01              | -67.55              | -67.76              | -67.67              | -67.03              | -49.47      | -21.25               | 28.22       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 1        | 6.00                          | -66.28              |                     |                     |                     |                     |                     |                     |                     | -60.28      | -21.25               | 39.03       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 2        | 6.00                          | -66.95              | -66.45              |                     |                     |                     |                     |                     |                     | -57.68      | -21.25               | 36.43       |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 2        | 6.00                          | -67.35              | -66.48              |                     |                     |                     |                     |                     |                     | -57.89      | -21.25               | 36.64       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 3        | 6.00                          | -67.71              | -66.79              | -67.66              |                     |                     |                     |                     |                     | -56.59      | -21.25               | 35.34       |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 3        | 6.00                          | -67.44              | -67.58              | -67.54              |                     |                     |                     |                     |                     | -56.75      | -21.25               | 35.50       |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 3        | 6.00                          | -67.41              | -66.46              | -67.88              |                     |                     |                     |                     |                     | -56.44      | -21.25               | 35.19       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 4        | 6.00                          | -66.69              | -67.33              | -67.41              | -66.68              |                     |                     |                     |                     | -54.99      | -21.25               | 33.74       |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 4        | 6.00                          | -66.84              | -67.32              | -67.87              | -66.93              |                     |                     |                     |                     | -55.20      | -21.25               | 33.95       |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 4        | 6.00                          | -68.09              | -67.69              | -67.68              | -66.76              |                     |                     |                     |                     | -55.51      | -21.25               | 34.26       |
| HT/VHT40, M24 to M31, M0.4 to M9.4 | 4        | 6.00                          | -66.48              | -67.50              | -67.20              | -66.57              |                     |                     |                     |                     | -54.89      | -21.25               | 33.64       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 6        | 6.00                          | -66.47              | -66.30              | -67.31              |                     | -67.49              | -67.62              | -67.03              |                     | -53.23      | -21.25               | 31.98       |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 6        | 6.00                          | -68.12              | -68.06              | -67.31              |                     | -66.37              | -67.21              | -68.01              |                     | -53.69      | -21.25               | 32.44       |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 6        | 6.00                          | -66.03              | -67.00              | -66.37              |                     | -66.68              | -67.97              | -66.49              |                     | -52.93      | -21.25               | 31.68       |
| HT/VHT40, M24 to M31, M0.4 to M9.4 | 6        | 6.00                          | -65.11              | -67.72              | -67.79              |                     | -67.53              | -66.81              | -66.94              |                     | -53.10      | -21.25               | 31.85       |
| VHT40, M0.5 to M9.5                | 6        | 6.00                          | -67.47              | -67.28              | -66.29              |                     | -66.17              | -66.77              | -67.30              |                     | -53.07      | -21.25               | 31.82       |
| VHT40, M0.6 to M9.6                | 6        | 6.00                          | -67.06              | -66.77              | -67.08              |                     | -66.78              | -67.49              | -66.56              |                     | -53.16      | -21.25               | 31.91       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 8        | 6.00                          | -66.81              | -67.09              | -67.31              | -67.45              | -67.27              | -67.10              | -67.87              | -67.14              | -52.21      | -21.25               | 30.96       |

|                                       |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 8 | 6.00  | -66.72 | -67.63 | -66.37 | -67.15 | -67.10 | -67.52 | -67.39 | -66.84 | -52.04 | -21.25 | 30.79 |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 8 | 6.00  | -67.74 | -67.59 | -67.25 | -67.14 | -66.88 | -67.19 | -67.85 | -67.37 | -52.33 | -21.25 | 31.08 |
| HT/VHT40, M24 to M31, M0.4 to M9.4    | 8 | 6.00  | -66.82 | -67.67 | -66.89 | -66.06 | -67.35 | -66.79 | -67.59 | -66.17 | -51.85 | -21.25 | 30.60 |
| VHT40, M0.5 to M9.5                   | 8 | 6.00  | -67.14 | -66.20 | -67.45 | -67.77 | -67.68 | -67.62 | -66.27 | -67.35 | -52.11 | -21.25 | 30.86 |
| VHT40, M0.6 to M9.6                   | 8 | 6.00  | -65.21 | -67.41 | -67.12 | -67.85 | -67.48 | -66.64 | -67.94 | -67.04 | -51.97 | -21.25 | 30.72 |
| VHT40, M0.7 to M9.7                   | 8 | 6.00  | -67.49 | -67.71 | -67.40 | -67.19 | -67.38 | -67.63 | -67.32 | -67.70 | -52.44 | -21.25 | 31.19 |
| VHT40, M0.8 to M9.8                   | 8 | 6.00  | -67.73 | -67.90 | -67.07 | -66.58 | -66.00 | -67.59 | -67.42 | -67.03 | -52.09 | -21.25 | 30.84 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 2 | 9.01  | -67.57 | -67.06 |        |        |        |        |        |        | -55.29 | -21.25 | 34.04 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 2 | 6.00  | -67.74 | -66.93 |        |        |        |        |        |        | -58.31 | -21.25 | 37.06 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 3 | 10.77 | -67.37 | -67.43 | -67.44 |        |        |        |        |        | -51.87 | -21.25 | 30.62 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 3 | 7.76  | -67.10 | -67.55 | -67.37 |        |        |        |        |        | -54.80 | -21.25 | 33.55 |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 3 | 6.00  | -68.05 | -67.92 | -66.15 |        |        |        |        |        | -56.51 | -21.25 | 35.26 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 4 | 12.02 | -67.67 | -67.02 | -67.42 | -67.14 |        |        |        |        | -49.27 | -21.25 | 28.02 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 4 | 9.01  | -67.65 | -66.90 | -65.56 | -67.79 |        |        |        |        | -51.85 | -21.25 | 30.60 |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 4 | 7.25  | -67.16 | -67.74 | -66.13 | -67.57 |        |        |        |        | -53.83 | -21.25 | 32.58 |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 4 | 6.00  | -67.47 | -66.97 | -67.09 | -67.43 |        |        |        |        | -55.21 | -21.25 | 33.96 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 6 | 13.78 | -67.06 | -66.35 | -67.58 |        | -67.27 | -67.49 | -67.71 |        | -45.65 | -21.25 | 24.40 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 6 | 10.77 | -67.86 | -67.20 | -67.30 |        | -67.39 | -67.34 | -66.39 |        | -48.67 | -21.25 | 27.42 |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 6 | 9.01  | -66.56 | -67.06 | -67.11 |        | -67.58 | -67.54 | -66.00 |        | -50.15 | -21.25 | 28.90 |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 6 | 7.76  | -67.80 | -66.29 | -67.36 |        | -67.37 | -67.28 | -66.95 |        | -51.61 | -21.25 | 30.36 |
| VHT40, M0.5 to M9.5-BF                | 6 | 6.79  | -66.58 | -67.85 | -67.77 |        | -66.81 | -67.78 | -67.71 |        | -52.81 | -21.25 | 31.56 |
| VHT40, M0.6 to M9.6-BF                | 6 | 6.00  | -67.29 | -67.12 | -66.33 |        | -67.56 | -67.46 | -66.44 |        | -53.23 | -21.25 | 31.98 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 8 | 15.03 | -67.48 | -67.03 | -66.59 | -67.22 | -67.59 | -67.09 | -67.82 | -67.38 | -43.20 | -21.25 | 21.95 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 8 | 12.02 | -67.33 | -66.03 | -67.17 | -67.13 | -67.83 | -67.56 | -65.28 | -67.69 | -45.86 | -21.25 | 24.61 |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 8 | 10.26 | -68.03 | -67.30 | -67.80 | -67.55 | -67.93 | -67.46 | -67.50 | -67.84 | -48.38 | -21.25 | 27.13 |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 8 | 9.01  | -66.50 | -66.89 | -66.89 | -67.58 | -67.38 | -67.33 | -67.74 | -67.79 | -49.20 | -21.25 | 27.95 |
| VHT40, M0.5 to M9.5-BF                | 8 | 8.04  | -67.39 | -67.62 | -66.87 | -67.29 | -67.03 | -66.96 | -67.08 | -66.76 | -50.05 | -21.25 | 28.80 |
| VHT40, M0.6 to M9.6-BF                | 8 | 7.25  | -66.87 | -66.81 | -66.63 | -66.81 | -66.54 | -66.78 | -66.86 | -67.80 | -50.59 | -21.25 | 29.34 |

|                                   |   |      |        |        |        |        |        |        |        |        |        |        |       |
|-----------------------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT40, M0.7 to M9.7-BF            | 8 | 6.58 | -67.10 | -66.92 | -67.69 | -67.67 | -67.73 | -67.65 | -67.43 | -67.37 | -51.82 | -21.25 | 30.57 |
| VHT40, M0.8 to M9.8-BF            | 8 | 6.00 | -67.10 | -66.60 | -67.13 | -67.04 | -67.02 | -67.52 | -66.60 | -67.15 | -51.98 | -21.25 | 30.73 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 2 | 6.00 | -66.92 | -66.37 |        |        |        |        |        |        | -57.62 | -21.25 | 36.37 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 3 | 6.00 | -67.13 | -66.93 | -67.16 |        |        |        |        |        | -56.30 | -21.25 | 35.05 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 4 | 6.00 | -67.80 | -67.55 | -67.66 | -67.65 |        |        |        |        | -55.64 | -21.25 | 34.39 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 6 | 6.00 | -67.48 | -67.61 | -67.72 |        | -67.69 | -67.16 | -67.49 |        | -53.74 | -21.25 | 32.49 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 8 | 6.00 | -67.75 | -67.19 | -66.24 | -67.50 | -67.55 | -66.47 | -67.82 | -66.70 | -52.08 | -21.25 | 30.83 |
| HE40, M0.1 to M11.1               | 1 | 6.00 | -68.05 |        |        |        |        |        |        |        | -62.05 | -21.25 | 40.80 |
| HE40, M0.1 to M11.1               | 2 | 6.00 | -67.41 | -67.33 |        |        |        |        |        |        | -58.36 | -21.25 | 37.11 |
| HE40, M0.2 to M11.2               | 2 | 6.00 | -67.38 | -68.07 |        |        |        |        |        |        | -58.70 | -21.25 | 37.45 |
| HE40, M0.1 to M11.1               | 3 | 6.00 | -67.94 | -67.77 | -65.92 |        |        |        |        |        | -56.34 | -21.25 | 35.09 |
| HE40, M0.2 to M11.2               | 3 | 6.00 | -67.42 | -66.88 | -67.66 |        |        |        |        |        | -56.53 | -21.25 | 35.28 |
| HE40, M0.3 to M11.3               | 3 | 6.00 | -65.92 | -67.37 | -66.74 |        |        |        |        |        | -55.87 | -21.25 | 34.62 |
| HE40, M0.1 to M11.1               | 4 | 6.00 | -67.44 | -67.46 | -67.11 | -67.11 |        |        |        |        | -55.25 | -21.25 | 34.00 |
| HE40, M0.2 to M11.2               | 4 | 6.00 | -67.45 | -66.25 | -66.80 | -67.75 |        |        |        |        | -55.00 | -21.25 | 33.75 |
| HE40, M0.3 to M11.3               | 4 | 6.00 | -66.14 | -67.15 | -67.18 | -67.32 |        |        |        |        | -54.90 | -21.25 | 33.65 |
| HE40, M0.4 to M11.4               | 4 | 6.00 | -67.41 | -67.13 | -67.84 | -66.30 |        |        |        |        | -55.11 | -21.25 | 33.86 |
| HE40, M0.1 to M11.1               | 6 | 6.00 | -67.66 | -67.19 | -67.76 |        | -67.08 | -67.96 | -66.24 |        | -53.49 | -21.25 | 32.24 |
| HE40, M0.2 to M11.2               | 6 | 6.00 | -67.38 | -66.36 | -66.13 |        | -68.18 | -67.97 | -66.90 |        | -53.30 | -21.25 | 32.05 |
| HE40, M0.3 to M11.3               | 6 | 6.00 | -67.38 | -66.88 | -67.45 |        | -66.50 | -66.09 | -67.26 |        | -53.12 | -21.25 | 31.87 |
| HE40, M0.4 to M11.4               | 6 | 6.00 | -68.15 | -67.50 | -67.15 |        | -67.90 | -67.16 | -67.87 |        | -53.83 | -21.25 | 32.58 |
| HE40, M0.5 to M11.5               | 6 | 6.00 | -67.47 | -67.23 | -67.65 |        | -68.04 | -66.86 | -67.32 |        | -53.63 | -21.25 | 32.38 |
| HE40, M0.6 to M11.6               | 6 | 6.00 | -66.24 | -66.58 | -67.04 |        | -67.44 | -67.84 | -67.16 |        | -53.24 | -21.25 | 31.99 |
| HE40, M0.1 to M11.1               | 8 | 6.00 | -67.57 | -67.10 | -67.60 | -67.46 | -67.71 | -67.26 | -67.61 | -67.12 | -52.39 | -21.25 | 31.14 |
| HE40, M0.2 to M11.2               | 8 | 6.00 | -66.74 | -67.24 | -67.78 | -66.68 | -65.81 | -65.94 | -67.28 | -67.25 | -51.76 | -21.25 | 30.51 |
| HE40, M0.3 to M11.3               | 8 | 6.00 | -67.31 | -66.80 | -66.44 | -66.43 | -68.04 | -67.65 | -67.38 | -67.41 | -52.12 | -21.25 | 30.87 |
| HE40, M0.4 to M11.4               | 8 | 6.00 | -67.07 | -67.15 | -66.93 | -67.69 | -68.34 | -66.58 | -67.78 | -67.16 | -52.27 | -21.25 | 31.02 |
| HE40, M0.5 to M11.5               | 8 | 6.00 | -66.35 | -66.86 | -66.93 | -67.25 | -66.87 | -65.66 | -66.29 | -67.38 | -51.63 | -21.25 | 30.38 |

|                        |   |       |        |        |        |        |        |        |        |        |        |        |       |
|------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE40, M0.6 to M11.6    | 8 | 6.00  | -67.29 | -65.04 | -67.02 | -67.59 | -67.73 | -67.10 | -67.12 | -66.87 | -51.86 | -21.25 | 30.61 |
| HE40, M0.7 to M11.7    | 8 | 6.00  | -67.35 | -67.82 | -67.54 | -66.63 | -66.15 | -67.42 | -67.11 | -66.74 | -52.03 | -21.25 | 30.78 |
| HE40, M0.8 to M11.8    | 8 | 6.00  | -67.43 | -67.41 | -67.70 | -66.73 | -67.18 | -66.50 | -67.35 | -67.46 | -52.17 | -21.25 | 30.92 |
| HE40, M0.1 to M11.1-BF | 2 | 9.01  | -67.30 | -68.09 |        |        |        |        |        |        | -55.66 | -21.25 | 34.41 |
| HE40, M0.2 to M11.2-BF | 2 | 6.00  | -67.94 | -66.97 |        |        |        |        |        |        | -58.42 | -21.25 | 37.17 |
| HE40, M0.1 to M11.1-BF | 3 | 10.77 | -67.54 | -67.15 | -67.07 |        |        |        |        |        | -51.71 | -21.25 | 30.46 |
| HE40, M0.2 to M11.2-BF | 3 | 7.76  | -66.96 | -66.91 | -66.86 |        |        |        |        |        | -54.38 | -21.25 | 33.13 |
| HE40, M0.3 to M11.3-BF | 3 | 6.00  | -67.14 | -67.32 | -67.02 |        |        |        |        |        | -56.39 | -21.25 | 35.14 |
| HE40, M0.1 to M11.1-BF | 4 | 12.02 | -67.49 | -66.04 | -67.53 | -66.07 |        |        |        |        | -48.68 | -21.25 | 27.43 |
| HE40, M0.2 to M11.2-BF | 4 | 9.01  | -66.09 | -67.47 | -66.88 | -66.06 |        |        |        |        | -51.55 | -21.25 | 30.30 |
| HE40, M0.3 to M11.3-BF | 4 | 7.25  | -67.00 | -66.90 | -67.58 | -67.91 |        |        |        |        | -54.06 | -21.25 | 32.81 |
| HE40, M0.4 to M11.4-BF | 4 | 6.00  | -66.49 | -67.29 | -67.27 | -67.41 |        |        |        |        | -55.08 | -21.25 | 33.83 |
| HE40, M0.1 to M11.1-BF | 6 | 13.78 | -67.29 | -67.17 | -67.64 |        | -65.69 | -67.19 | -67.68 |        | -45.50 | -21.25 | 24.25 |
| HE40, M0.2 to M11.2-BF | 6 | 10.77 | -67.40 | -66.66 | -67.56 |        | -67.49 | -67.11 | -67.79 |        | -48.77 | -21.25 | 27.52 |
| HE40, M0.3 to M11.3-BF | 6 | 9.01  | -67.29 | -67.03 | -67.45 |        | -67.31 | -67.36 | -68.15 |        | -50.63 | -21.25 | 29.38 |
| HE40, M0.4 to M11.4-BF | 6 | 7.76  | -67.30 | -67.77 | -67.08 |        | -67.45 | -67.61 | -67.37 |        | -51.88 | -21.25 | 30.63 |
| HE40, M0.5 to M11.5-BF | 6 | 6.79  | -67.16 | -67.35 | -67.92 |        | -66.39 | -67.17 | -67.40 |        | -52.64 | -21.25 | 31.39 |
| HE40, M0.6 to M11.6-BF | 6 | 6.00  | -67.08 | -67.40 | -66.92 |        | -67.76 | -66.58 | -67.12 |        | -53.35 | -21.25 | 32.10 |
| HE40, M0.1 to M11.1-BF | 8 | 15.03 | -67.26 | -66.72 | -66.25 | -67.54 | -66.40 | -66.82 | -66.52 | -67.99 | -42.84 | -21.25 | 21.59 |
| HE40, M0.2 to M11.2-BF | 8 | 12.02 | -67.27 | -67.37 | -66.89 | -67.84 | -65.57 | -66.32 | -67.89 | -66.67 | -45.86 | -21.25 | 24.61 |
| HE40, M0.3 to M11.3-BF | 8 | 10.26 | -66.89 | -67.14 | -67.01 | -67.32 | -67.46 | -67.61 | -67.12 | -67.86 | -48.00 | -21.25 | 26.75 |
| HE40, M0.4 to M11.4-BF | 8 | 9.01  | -67.49 | -67.62 | -67.65 | -67.34 | -67.35 | -68.04 | -67.38 | -67.23 | -49.47 | -21.25 | 28.22 |
| HE40, M0.5 to M11.5-BF | 8 | 8.04  | -67.70 | -66.72 | -67.60 | -66.17 | -66.96 | -67.19 | -67.48 | -67.39 | -50.05 | -21.25 | 28.80 |
| HE40, M0.6 to M11.6-BF | 8 | 7.25  | -66.99 | -67.97 | -66.79 | -67.22 | -66.96 | -66.61 | -67.69 | -66.95 | -50.84 | -21.25 | 29.59 |
| HE40, M0.7 to M11.7-BF | 8 | 6.58  | -67.48 | -67.21 | -67.64 | -66.14 | -67.32 | -67.22 | -66.50 | -67.12 | -51.44 | -21.25 | 30.19 |
| HE40, M0.8 to M11.8-BF | 8 | 6.00  | -67.43 | -67.45 | -67.69 | -67.11 | -66.67 | -67.14 | -67.90 | -67.00 | -52.25 | -21.25 | 31.00 |
| HE40, M0 to M11-STBC   | 2 | 6.00  | -66.58 | -67.33 |        |        |        |        |        |        | -57.93 | -21.25 | 36.68 |
| HE40, M0 to M11-STBC   | 3 | 6.00  | -67.53 | -66.83 | -66.39 |        |        |        |        |        | -56.12 | -21.25 | 34.87 |



|                      |   |      |        |        |        |        |        |        |        |        |        |        |       |
|----------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE40, M0 to M11-STBC | 4 | 6.00 | -66.94 | -67.08 | -67.29 | -66.25 |        |        |        |        | -54.85 | -21.25 | 33.60 |
| HE40, M0 to M11-STBC | 6 | 6.00 | -67.61 | -67.83 | -66.49 |        | -68.18 | -67.41 | -66.88 |        | -53.58 | -21.25 | 32.33 |
| HE40, M0 to M11-STBC | 8 | 6.00 | -67.41 | -67.07 | -65.20 | -67.14 | -67.22 | -67.21 | -67.04 | -67.43 | -51.87 | -21.25 | 30.62 |

## 5190 MHz (Average):

| Mode                               | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Tx 5 Spurious (dBm) | Tx 6 Spurious (dBm) | Tx 7 Spurious (dBm) | Tx 8 Spurious (dBm) | Total (dBm) | FCC Average Limit (dBm) | Margin (dB) |
|------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------|-------------------------|-------------|
| non HT40, 6 to 54 Mbps             | 1        | 6.00                          | -75.36              |                     |                     |                     |                     |                     |                     |                     | -75.36      | -41.25                  | 34.11       |
| non HT40, 6 to 54 Mbps             | 2        | 6.00                          | -74.26              | -75.26              |                     |                     |                     |                     |                     |                     | -65.72      | -41.25                  | 24.47       |
| non HT40, 6 to 54 Mbps             | 3        | 6.00                          | -74.00              | -75.12              | -74.73              |                     |                     |                     |                     |                     | -63.82      | -41.25                  | 22.57       |
| non HT40, 6 to 54 Mbps             | 4        | 6.00                          | -74.93              | -74.44              | -74.21              | -74.97              |                     |                     |                     |                     | -62.60      | -41.25                  | 21.35       |
| non HT40, 6 to 54 Mbps             | 6        | 9.00                          | -74.94              | -74.21              | -74.94              |                     | -74.36              | -74.95              | -75.02              |                     | -57.94      | -41.25                  | 16.69       |
| non HT40, 6 to 54 Mbps             | 8        | 9.00                          | -75.17              | -75.33              | -74.90              | -75.02              | -74.99              | -74.83              | -74.86              | -74.91              | -56.97      | -41.25                  | 15.72       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 1        | 6.00                          | -74.75              |                     |                     |                     |                     |                     |                     |                     | -68.75      | -41.25                  | 27.50       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 2        | 6.00                          | -74.94              | -74.93              |                     |                     |                     |                     |                     |                     | -65.92      | -41.25                  | 24.67       |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 2        | 6.00                          | -74.65              | -74.69              |                     |                     |                     |                     |                     |                     | -65.66      | -41.25                  | 24.41       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 3        | 6.00                          | -74.91              | -74.71              | -74.88              |                     |                     |                     |                     |                     | -64.06      | -41.25                  | 22.81       |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 3        | 6.00                          | -74.48              | -74.20              | -75.05              |                     |                     |                     |                     |                     | -63.79      | -41.25                  | 22.54       |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 3        | 6.00                          | -74.88              | -74.66              | -74.91              |                     |                     |                     |                     |                     | -64.04      | -41.25                  | 22.79       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 4        | 6.00                          | -75.10              | -75.02              | -75.06              | -74.72              |                     |                     |                     |                     | -62.95      | -41.25                  | 21.70       |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 4        | 6.00                          | -75.38              | -75.21              | -74.91              | -74.80              |                     |                     |                     |                     | -63.05      | -41.25                  | 21.80       |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 4        | 6.00                          | -74.92              | -74.79              | -75.16              | -74.72              |                     |                     |                     |                     | -62.87      | -41.25                  | 21.62       |
| HT/VHT40, M24 to M31, M0.4 to M9.4 | 4        | 6.00                          | -74.72              | -75.10              | -74.75              | -74.71              |                     |                     |                     |                     | -62.80      | -41.25                  | 21.55       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 6        | 6.00                          | -74.70              | -74.74              | -75.02              |                     | -74.93              | -74.63              | -75.16              |                     | -61.08      | -41.25                  | 19.83       |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 6        | 6.00                          | -74.40              | -74.76              | -74.58              |                     | -73.57              | -74.32              | -75.26              |                     | -60.67      | -41.25                  | 19.42       |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 6        | 6.00                          | -74.85              | -74.99              | -74.66              |                     | -74.87              | -74.69              | -74.75              |                     | -61.02      | -41.25                  | 19.77       |
| HT/VHT40, M24 to M31, M0.4 to M9.4 | 6        | 6.00                          | -75.08              | -75.00              | -74.64              |                     | -74.93              | -74.78              | -74.96              |                     | -61.11      | -41.25                  | 19.86       |
| VHT40, M0.5 to M9.5                | 6        | 6.00                          | -74.67              | -75.02              | -75.02              |                     | -75.05              | -74.95              | -74.66              |                     | -61.11      | -41.25                  | 19.86       |
| VHT40, M0.6 to M9.6                | 6        | 6.00                          | -74.67              | -74.39              | -74.73              |                     | -75.27              | -74.41              | -75.05              |                     | -60.96      | -41.25                  | 19.71       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 8        | 6.00                          | -75.02              | -74.73              | -75.41              | -75.27              | -74.53              | -74.70              | -74.92              | -75.09              | -59.92      | -41.25                  | 18.67       |

|                                            |          |              |               |               |               |               |               |               |               |               |               |               |             |
|--------------------------------------------|----------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------|
| HT/VHT40, M8 to M15, M0.2 to M9.2          | 8        | 6.00         | -74.98        | -74.65        | -74.99        | -74.25        | -75.02        | -75.21        | -74.49        | -74.66        | -59.74        | -41.25        | 18.49       |
| HT/VHT40, M16 to M23, M0.3 to M9.3         | 8        | 6.00         | -75.29        | -74.56        | -75.32        | -74.77        | -75.23        | -75.25        | -75.31        | -75.01        | -60.05        | -41.25        | 18.80       |
| HT/VHT40, M24 to M31, M0.4 to M9.4         | 8        | 6.00         | -74.89        | -75.07        | -74.92        | -74.94        | -75.29        | -74.69        | -74.81        | -74.72        | -59.88        | -41.25        | 18.63       |
| VHT40, M0.5 to M9.5                        | 8        | 6.00         | -74.64        | -75.11        | -74.95        | -75.20        | -74.69        | -74.86        | -74.84        | -75.16        | -59.90        | -41.25        | 18.65       |
| VHT40, M0.6 to M9.6                        | 8        | 6.00         | -74.93        | -73.88        | -75.29        | -75.10        | -75.14        | -74.36        | -75.11        | -75.15        | -59.81        | -41.25        | 18.56       |
| VHT40, M0.7 to M9.7                        | 8        | 6.00         | -75.01        | -75.07        | -74.35        | -74.98        | -75.07        | -74.80        | -74.68        | -75.08        | -59.84        | -41.25        | 18.59       |
| VHT40, M0.8 to M9.8                        | 8        | 6.00         | -75.06        | -74.23        | -74.77        | -74.82        | -74.58        | -75.00        | -74.28        | -74.90        | -59.66        | -41.25        | 18.41       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF        | 2        | 9.01         | -75.34        | -74.36        |               |               |               |               |               |               | -62.80        | -41.25        | 21.55       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF       | 2        | 6.00         | -74.89        | -74.61        |               |               |               |               |               |               | -65.74        | -41.25        | 24.49       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF        | 3        | 10.77        | -75.14        | -74.71        | -75.39        |               |               |               |               |               | -59.53        | -41.25        | 18.28       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF       | 3        | 7.76         | -75.21        | -74.15        | -74.81        |               |               |               |               |               | -62.17        | -41.25        | 20.92       |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF      | 3        | 6.00         | -74.89        | -75.15        | -74.21        |               |               |               |               |               | -63.96        | -41.25        | 22.71       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF        | 4        | 12.02        | -74.90        | -74.68        | -74.55        | -74.82        |               |               |               |               | -56.69        | -41.25        | 15.44       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF       | 4        | 9.01         | -74.96        | -75.30        | -75.17        | -74.19        |               |               |               |               | -59.85        | -41.25        | 18.60       |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF      | 4        | 7.25         | -74.55        | -74.96        | -74.71        | -74.67        |               |               |               |               | -61.45        | -41.25        | 20.20       |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF      | 4        | 6.00         | -74.74        | -74.91        | -75.11        | -74.59        |               |               |               |               | -62.81        | -41.25        | 21.56       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF        | 6        | 13.78        | -74.90        | -74.63        | -75.12        |               | -75.02        | -75.16        | -75.29        |               | -53.45        | -41.25        | 12.20       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF       | 6        | 10.77        | -74.06        | -74.70        | -74.71        |               | -74.65        | -74.76        | -74.23        |               | -55.96        | -41.25        | 14.71       |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF      | 6        | 9.01         | -74.34        | -74.85        | -74.82        |               | -74.37        | -74.75        | -74.86        |               | -57.87        | -41.25        | 16.62       |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF      | 6        | 7.76         | -74.75        | -74.10        | -75.26        |               | -74.64        | -74.01        | -75.29        |               | -59.10        | -41.25        | 17.85       |
| VHT40, M0.5 to M9.5-BF                     | 6        | 6.79         | -74.92        | -75.36        | -74.92        |               | -74.88        | -74.86        | -75.02        |               | -60.42        | -41.25        | 19.17       |
| VHT40, M0.6 to M9.6-BF                     | 6        | 6.00         | -74.81        | -74.86        | -74.75        |               | -74.82        | -75.22        | -74.91        |               | -61.11        | -41.25        | 19.86       |
| <b>HT/VHT40, M0 to M7, M0.1 to M9.1-BF</b> | <b>8</b> | <b>15.03</b> | <b>-75.28</b> | <b>-74.73</b> | <b>-74.05</b> | <b>-74.65</b> | <b>-74.80</b> | <b>-74.68</b> | <b>-74.79</b> | <b>-73.36</b> | <b>-50.45</b> | <b>-41.25</b> | <b>9.20</b> |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF       | 8        | 12.02        | -74.31        | -74.62        | -75.23        | -75.21        | -74.98        | -74.94        | -75.02        | -74.31        | -53.76        | -41.25        | 12.51       |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF      | 8        | 10.26        | -75.18        | -75.05        | -75.08        | -74.80        | -74.92        | -74.68        | -74.00        | -75.04        | -55.54        | -41.25        | 14.29       |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF      | 8        | 9.01         | -74.69        | -75.31        | -74.89        | -75.11        | -74.88        | -75.07        | -74.67        | -74.24        | -56.80        | -41.25        | 15.55       |
| VHT40, M0.5 to M9.5-BF                     | 8        | 8.04         | -75.09        | -74.54        | -73.98        | -75.08        | -73.82        | -74.81        | -74.58        | -75.36        | -57.56        | -41.25        | 16.31       |
| VHT40, M0.6 to M9.6-BF                     | 8        | 7.25         | -74.51        | -75.09        | -75.14        | -75.20        | -74.08        | -74.79        | -74.32        | -75.32        | -58.50        | -41.25        | 17.25       |

|                                   |   |      |        |        |        |        |        |        |        |        |        |        |       |
|-----------------------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT40, M0.7 to M9.7-BF            | 8 | 6.58 | -75.59 | -75.25 | -74.61 | -74.19 | -74.91 | -74.71 | -75.15 | -75.21 | -59.32 | -41.25 | 18.07 |
| VHT40, M0.8 to M9.8-BF            | 8 | 6.00 | -74.81 | -74.93 | -75.40 | -75.18 | -74.16 | -74.82 | -74.90 | -74.75 | -59.83 | -41.25 | 18.58 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 2 | 6.00 | -74.95 | -74.79 |        |        |        |        |        |        | -65.86 | -41.25 | 24.61 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 3 | 6.00 | -74.68 | -75.27 | -74.98 |        |        |        |        |        | -64.20 | -41.25 | 22.95 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 4 | 6.00 | -74.90 | -74.43 | -74.38 | -74.96 |        |        |        |        | -62.64 | -41.25 | 21.39 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 6 | 6.00 | -74.65 | -73.68 | -74.93 |        | -75.12 | -74.88 | -74.56 |        | -60.83 | -41.25 | 19.58 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 8 | 6.00 | -74.91 | -74.00 | -74.94 | -75.28 | -74.68 | -74.60 | -74.94 | -74.93 | -59.74 | -41.25 | 18.49 |
| HE40, M0.1 to M11.1               | 1 | 6.00 | -75.27 |        |        |        |        |        |        |        | -69.27 | -41.25 | 28.02 |
| HE40, M0.1 to M11.1               | 2 | 6.00 | -75.05 | -74.29 |        |        |        |        |        |        | -65.64 | -41.25 | 24.39 |
| HE40, M0.2 to M11.2               | 2 | 6.00 | -74.02 | -74.72 |        |        |        |        |        |        | -65.34 | -41.25 | 24.09 |
| HE40, M0.1 to M11.1               | 3 | 6.00 | -74.95 | -74.30 | -75.17 |        |        |        |        |        | -64.02 | -41.25 | 22.77 |
| HE40, M0.2 to M11.2               | 3 | 6.00 | -74.87 | -74.94 | -74.99 |        |        |        |        |        | -64.16 | -41.25 | 22.91 |
| HE40, M0.3 to M11.3               | 3 | 6.00 | -74.68 | -74.99 | -75.18 |        |        |        |        |        | -64.17 | -41.25 | 22.92 |
| HE40, M0.1 to M11.1               | 4 | 6.00 | -75.23 | -74.98 | -75.53 | -75.18 |        |        |        |        | -63.20 | -41.25 | 21.95 |
| HE40, M0.2 to M11.2               | 4 | 6.00 | -74.92 | -74.71 | -74.36 | -74.99 |        |        |        |        | -62.72 | -41.25 | 21.47 |
| HE40, M0.3 to M11.3               | 4 | 6.00 | -75.38 | -75.06 | -75.03 | -74.84 |        |        |        |        | -63.05 | -41.25 | 21.80 |
| HE40, M0.4 to M11.4               | 4 | 6.00 | -74.86 | -75.03 | -73.76 | -75.28 |        |        |        |        | -62.67 | -41.25 | 21.42 |
| HE40, M0.1 to M11.1               | 6 | 6.00 | -75.07 | -75.26 | -74.83 |        | -74.73 | -74.81 | -75.12 |        | -61.19 | -41.25 | 19.94 |
| HE40, M0.2 to M11.2               | 6 | 6.00 | -75.21 | -75.06 | -74.96 |        | -74.79 | -74.87 | -75.07 |        | -61.21 | -41.25 | 19.96 |
| HE40, M0.3 to M11.3               | 6 | 6.00 | -75.04 | -75.08 | -74.99 |        | -74.76 | -74.70 | -74.80 |        | -61.11 | -41.25 | 19.86 |
| HE40, M0.4 to M11.4               | 6 | 6.00 | -74.83 | -74.93 | -74.87 |        | -74.42 | -75.20 | -74.69 |        | -61.03 | -41.25 | 19.78 |
| HE40, M0.5 to M11.5               | 6 | 6.00 | -74.62 | -74.67 | -75.13 |        | -75.28 | -74.66 | -74.76 |        | -61.06 | -41.25 | 19.81 |
| HE40, M0.6 to M11.6               | 6 | 6.00 | -75.41 | -73.92 | -74.95 |        | -74.90 | -74.96 | -74.56 |        | -60.98 | -41.25 | 19.73 |
| HE40, M0.1 to M11.1               | 8 | 6.00 | -74.86 | -75.02 | -74.74 | -74.64 | -75.12 | -74.52 | -74.98 | -75.08 | -59.83 | -41.25 | 18.58 |
| HE40, M0.2 to M11.2               | 8 | 6.00 | -74.61 | -74.76 | -75.02 | -74.86 | -74.61 | -74.49 | -74.81 | -75.01 | -59.74 | -41.25 | 18.49 |
| HE40, M0.3 to M11.3               | 8 | 6.00 | -74.81 | -74.91 | -75.02 | -74.84 | -75.16 | -74.79 | -74.84 | -75.07 | -59.90 | -41.25 | 18.65 |
| HE40, M0.4 to M11.4               | 8 | 6.00 | -74.75 | -74.43 | -74.62 | -75.14 | -74.99 | -74.38 | -74.67 | -74.63 | -59.66 | -41.25 | 18.41 |
| HE40, M0.5 to M11.5               | 8 | 6.00 | -75.16 | -74.83 | -74.65 | -74.93 | -75.14 | -75.20 | -74.80 | -74.65 | -59.88 | -41.25 | 18.63 |

|                        |   |       |        |        |        |        |        |        |        |        |        |        |       |
|------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE40, M0.6 to M11.6    | 8 | 6.00  | -74.65 | -74.79 | -74.93 | -74.27 | -74.60 | -74.78 | -74.70 | -74.75 | -59.65 | -41.25 | 18.40 |
| HE40, M0.7 to M11.7    | 8 | 6.00  | -75.30 | -75.08 | -74.92 | -74.83 | -74.65 | -74.53 | -74.93 | -74.97 | -59.86 | -41.25 | 18.61 |
| HE40, M0.8 to M11.8    | 8 | 6.00  | -75.22 | -75.22 | -75.37 | -74.66 | -74.65 | -74.70 | -74.89 | -74.73 | -59.89 | -41.25 | 18.64 |
| HE40, M0.1 to M11.1-BF | 2 | 9.01  | -74.91 | -74.97 |        |        |        |        |        |        | -62.92 | -41.25 | 21.67 |
| HE40, M0.2 to M11.2-BF | 2 | 6.00  | -75.02 | -75.18 |        |        |        |        |        |        | -66.09 | -41.25 | 24.84 |
| HE40, M0.1 to M11.1-BF | 3 | 10.77 | -74.80 | -75.02 | -74.66 |        |        |        |        |        | -59.28 | -41.25 | 18.03 |
| HE40, M0.2 to M11.2-BF | 3 | 7.76  | -75.01 | -74.93 | -74.69 |        |        |        |        |        | -62.34 | -41.25 | 21.09 |
| HE40, M0.3 to M11.3-BF | 3 | 6.00  | -75.03 | -74.66 | -74.68 |        |        |        |        |        | -64.01 | -41.25 | 22.76 |
| HE40, M0.1 to M11.1-BF | 4 | 12.02 | -74.76 | -74.82 | -74.23 | -74.03 |        |        |        |        | -56.40 | -41.25 | 15.15 |
| HE40, M0.2 to M11.2-BF | 4 | 9.01  | -74.41 | -75.05 | -74.88 | -75.23 |        |        |        |        | -59.85 | -41.25 | 18.60 |
| HE40, M0.3 to M11.3-BF | 4 | 7.25  | -74.43 | -74.82 | -74.70 | -74.44 |        |        |        |        | -61.32 | -41.25 | 20.07 |
| HE40, M0.4 to M11.4-BF | 4 | 6.00  | -74.96 | -74.74 | -73.94 | -74.88 |        |        |        |        | -62.59 | -41.25 | 21.34 |
| HE40, M0.1 to M11.1-BF | 6 | 13.78 | -74.72 | -74.20 | -75.40 |        | -74.95 | -75.06 | -74.19 |        | -53.17 | -41.25 | 11.92 |
| HE40, M0.2 to M11.2-BF | 6 | 10.77 | -74.62 | -74.77 | -74.75 |        | -74.93 | -74.60 | -74.67 |        | -56.17 | -41.25 | 14.92 |
| HE40, M0.3 to M11.3-BF | 6 | 9.01  | -74.67 | -75.12 | -74.91 |        | -74.58 | -74.59 | -74.66 |        | -57.96 | -41.25 | 16.71 |
| HE40, M0.4 to M11.4-BF | 6 | 7.76  | -74.87 | -74.61 | -74.86 |        | -75.07 | -75.08 | -74.35 |        | -59.26 | -41.25 | 18.01 |
| HE40, M0.5 to M11.5-BF | 6 | 6.79  | -74.02 | -75.28 | -75.20 |        | -74.89 | -74.46 | -74.06 |        | -60.05 | -41.25 | 18.80 |
| HE40, M0.6 to M11.6-BF | 6 | 6.00  | -75.03 | -74.83 | -74.72 |        | -74.57 | -75.07 | -74.68 |        | -61.03 | -41.25 | 19.78 |
| HE40, M0.1 to M11.1-BF | 8 | 15.03 | -74.88 | -74.44 | -75.20 | -74.82 | -75.13 | -74.68 | -75.09 | -74.84 | -50.82 | -41.25 | 9.57  |
| HE40, M0.2 to M11.2-BF | 8 | 12.02 | -74.67 | -75.01 | -74.89 | -74.34 | -74.52 | -74.97 | -74.78 | -74.98 | -53.71 | -41.25 | 12.46 |
| HE40, M0.3 to M11.3-BF | 8 | 10.26 | -74.94 | -74.76 | -74.00 | -74.84 | -74.12 | -73.80 | -74.30 | -74.95 | -55.15 | -41.25 | 13.90 |
| HE40, M0.4 to M11.4-BF | 8 | 9.01  | -74.71 | -74.66 | -74.80 | -75.11 | -74.96 | -75.13 | -74.69 | -74.41 | -56.76 | -41.25 | 15.51 |
| HE40, M0.5 to M11.5-BF | 8 | 8.04  | -74.97 | -74.88 | -74.75 | -74.86 | -74.87 | -74.97 | -74.67 | -75.09 | -57.81 | -41.25 | 16.56 |
| HE40, M0.6 to M11.6-BF | 8 | 7.25  | -74.76 | -74.95 | -73.93 | -74.51 | -75.03 | -74.10 | -75.00 | -74.81 | -58.34 | -41.25 | 17.09 |
| HE40, M0.7 to M11.7-BF | 8 | 6.58  | -74.75 | -74.96 | -75.24 | -74.65 | -74.70 | -75.26 | -74.53 | -73.86 | -59.11 | -41.25 | 17.86 |
| HE40, M0.8 to M11.8-BF | 8 | 6.00  | -74.44 | -75.10 | -74.67 | -74.82 | -74.90 | -74.86 | -75.01 | -74.40 | -59.74 | -41.25 | 18.49 |
| HE40, M0 to M11-STBC   | 2 | 6.00  | -74.47 | -74.76 |        |        |        |        |        |        | -65.60 | -41.25 | 24.35 |
| HE40, M0 to M11-STBC   | 3 | 6.00  | -75.23 | -74.89 | -74.43 |        |        |        |        |        | -64.06 | -41.25 | 22.81 |

|                      |   |      |        |        |        |        |        |        |        |        |        |        |       |
|----------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE40, M0 to M11-STBC | 4 | 6.00 | -74.97 | -74.70 | -74.41 | -74.43 |        |        |        |        | -62.60 | -41.25 | 21.35 |
| HE40, M0 to M11-STBC | 6 | 6.00 | -74.67 | -75.03 | -74.17 |        | -75.00 | -74.56 | -74.99 |        | -60.94 | -41.25 | 19.69 |
| HE40, M0 to M11-STBC | 8 | 6.00 | -74.64 | -75.35 | -74.65 | -74.61 | -74.72 | -75.06 | -74.89 | -74.09 | -59.71 | -41.25 | 18.46 |

## 5230 MHz (Peak):

| Mode                               | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Tx 5 Spurious (dBm) | Tx 6 Spurious (dBm) | Tx 7 Spurious (dBm) | Tx 8 Spurious (dBm) | Total (dBm) | FCC Peak Limit (dBm) | Margin (dB) |
|------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------|----------------------|-------------|
| non HT40, 6 to 54 Mbps             | 1        | 6.00                          | -67.11              |                     |                     |                     |                     |                     |                     |                     | -67.11      | -21.25               | 45.86       |
| non HT40, 6 to 54 Mbps             | 2        | 6.00                          | -67.46              | -67.29              |                     |                     |                     |                     |                     |                     | -58.36      | -21.25               | 37.11       |
| non HT40, 6 to 54 Mbps             | 3        | 6.00                          | -66.98              | -66.90              | -66.37              |                     |                     |                     |                     |                     | -55.97      | -21.25               | 34.72       |
| non HT40, 6 to 54 Mbps             | 4        | 6.00                          | -67.65              | -66.93              | -66.95              | -67.68              |                     |                     |                     |                     | -55.27      | -21.25               | 34.02       |
| non HT40, 6 to 54 Mbps             | 6        | 9.00                          | -67.47              | -66.58              | -66.06              |                     | -65.28              | -67.45              | -66.99              |                     | -49.78      | -21.25               | 28.53       |
| non HT40, 6 to 54 Mbps             | 8        | 9.00                          | -67.09              | -66.90              | -67.12              | -66.67              | -66.82              | -66.80              | -67.38              | -68.16              | -49.06      | -21.25               | 27.81       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 1        | 6.00                          | -68.21              |                     |                     |                     |                     |                     |                     |                     | -62.21      | -21.25               | 40.96       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 2        | 6.00                          | -67.26              | -67.36              |                     |                     |                     |                     |                     |                     | -58.30      | -21.25               | 37.05       |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 2        | 6.00                          | -67.07              | -66.00              |                     |                     |                     |                     |                     |                     | -57.49      | -21.25               | 36.24       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 3        | 6.00                          | -65.97              | -67.01              | -66.88              |                     |                     |                     |                     |                     | -55.82      | -21.25               | 34.57       |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 3        | 6.00                          | -67.64              | -67.53              | -66.20              |                     |                     |                     |                     |                     | -56.30      | -21.25               | 35.05       |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 3        | 6.00                          | -67.10              | -65.25              | -67.35              |                     |                     |                     |                     |                     | -55.69      | -21.25               | 34.44       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 4        | 6.00                          | -67.10              | -67.35              | -67.00              | -65.96              |                     |                     |                     |                     | -54.80      | -21.25               | 33.55       |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 4        | 6.00                          | -67.39              | -67.29              | -67.27              | -67.23              |                     |                     |                     |                     | -55.27      | -21.25               | 34.02       |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 4        | 6.00                          | -67.88              | -67.06              | -67.37              | -67.02              |                     |                     |                     |                     | -55.30      | -21.25               | 34.05       |
| HT/VHT40, M24 to M31, M0.4 to M9.4 | 4        | 6.00                          | -66.67              | -66.76              | -66.93              | -67.52              |                     |                     |                     |                     | -54.94      | -21.25               | 33.69       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 6        | 6.00                          | -67.43              | -67.30              | -67.12              |                     | -67.05              | -66.92              | -67.98              |                     | -53.50      | -21.25               | 32.25       |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 6        | 6.00                          | -67.14              | -67.33              | -67.00              |                     | -67.19              | -68.17              | -67.42              |                     | -53.57      | -21.25               | 32.32       |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 6        | 6.00                          | -67.58              | -67.29              | -67.15              |                     | -67.55              | -67.10              | -67.00              |                     | -53.49      | -21.25               | 32.24       |
| HT/VHT40, M24 to M31, M0.4 to M9.4 | 6        | 6.00                          | -66.11              | -67.96              | -66.48              |                     | -66.25              | -67.28              | -67.08              |                     | -53.03      | -21.25               | 31.78       |
| VHT40, M0.5 to M9.5                | 6        | 6.00                          | -67.64              | -66.39              | -66.56              |                     | -66.88              | -66.78              | -66.58              |                     | -53.01      | -21.25               | 31.76       |
| VHT40, M0.6 to M9.6                | 6        | 6.00                          | -67.20              | -67.72              | -67.16              |                     | -67.11              | -67.29              | -67.01              |                     | -53.46      | -21.25               | 32.21       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 8        | 6.00                          | -67.76              | -67.30              | -67.22              | -67.48              | -67.73              | -65.11              | -66.92              | -67.70              | -52.03      | -21.25               | 30.78       |

|                                       |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 8 | 6.00  | -67.88 | -67.30 | -67.87 | -67.12 | -66.71 | -67.59 | -67.78 | -67.67 | -52.44 | -21.25 | 31.19 |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 8 | 6.00  | -65.74 | -67.28 | -67.57 | -68.00 | -66.78 | -67.86 | -66.95 | -66.68 | -52.02 | -21.25 | 30.77 |
| HT/VHT40, M24 to M31, M0.4 to M9.4    | 8 | 6.00  | -66.40 | -66.74 | -65.99 | -66.82 | -67.47 | -67.58 | -67.01 | -67.93 | -51.92 | -21.25 | 30.67 |
| VHT40, M0.5 to M9.5                   | 8 | 6.00  | -66.98 | -67.38 | -67.06 | -67.14 | -66.95 | -67.22 | -67.86 | -67.52 | -52.22 | -21.25 | 30.97 |
| VHT40, M0.6 to M9.6                   | 8 | 6.00  | -67.91 | -67.60 | -67.64 | -67.51 | -66.73 | -67.20 | -67.30 | -66.92 | -52.31 | -21.25 | 31.06 |
| VHT40, M0.7 to M9.7                   | 8 | 6.00  | -67.06 | -67.30 | -66.65 | -65.56 | -67.12 | -66.83 | -66.00 | -66.98 | -51.62 | -21.25 | 30.37 |
| VHT40, M0.8 to M9.8                   | 8 | 6.00  | -66.58 | -67.10 | -67.50 | -65.88 | -64.77 | -66.72 | -67.33 | -67.59 | -51.55 | -21.25 | 30.30 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 2 | 9.01  | -67.04 | -66.48 |        |        |        |        |        |        | -54.73 | -21.25 | 33.48 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 2 | 6.00  | -67.17 | -65.95 |        |        |        |        |        |        | -57.50 | -21.25 | 36.25 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 3 | 10.77 | -67.67 | -67.51 | -67.68 |        |        |        |        |        | -52.08 | -21.25 | 30.83 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 3 | 7.76  | -66.48 | -67.12 | -66.10 |        |        |        |        |        | -54.01 | -21.25 | 32.76 |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 3 | 6.00  | -66.59 | -66.50 | -67.24 |        |        |        |        |        | -55.99 | -21.25 | 34.74 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 4 | 12.02 | -67.43 | -67.45 | -66.45 | -66.42 |        |        |        |        | -48.87 | -21.25 | 27.62 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 4 | 9.01  | -66.91 | -66.38 | -67.54 | -67.12 |        |        |        |        | -51.94 | -21.25 | 30.69 |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 4 | 7.25  | -67.10 | -67.65 | -66.30 | -68.15 |        |        |        |        | -53.97 | -21.25 | 32.72 |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 4 | 6.00  | -67.55 | -67.42 | -66.64 | -67.20 |        |        |        |        | -55.17 | -21.25 | 33.92 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 6 | 13.78 | -66.32 | -67.09 | -66.13 |        | -67.51 | -67.24 | -67.10 |        | -45.31 | -21.25 | 24.06 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 6 | 10.77 | -66.46 | -67.05 | -67.66 |        | -67.32 | -67.24 | -67.71 |        | -48.67 | -21.25 | 27.42 |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 6 | 9.01  | -67.20 | -67.77 | -67.14 |        | -66.96 | -67.07 | -68.16 |        | -50.57 | -21.25 | 29.32 |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 6 | 7.76  | -67.40 | -67.29 | -66.77 |        | -66.75 | -67.03 | -66.95 |        | -51.48 | -21.25 | 30.23 |
| VHT40, M0.5 to M9.5-BF                | 6 | 6.79  | -66.84 | -67.00 | -67.18 |        | -66.84 | -67.05 | -67.62 |        | -52.51 | -21.25 | 31.26 |
| VHT40, M0.6 to M9.6-BF                | 6 | 6.00  | -66.62 | -67.10 | -67.87 |        | -67.81 | -67.30 | -65.45 |        | -53.16 | -21.25 | 31.91 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 8 | 15.03 | -66.19 | -66.46 | -67.75 | -67.65 | -67.06 | -67.66 | -66.74 | -65.88 | -42.81 | -21.25 | 21.56 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 8 | 12.02 | -66.94 | -67.91 | -67.43 | -67.12 | -67.43 | -66.71 | -67.61 | -67.21 | -46.23 | -21.25 | 24.98 |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 8 | 10.26 | -65.63 | -67.32 | -67.77 | -66.71 | -67.21 | -66.74 | -67.11 | -67.11 | -47.62 | -21.25 | 26.37 |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 8 | 9.01  | -66.98 | -67.37 | -67.42 | -67.59 | -67.15 | -67.33 | -67.31 | -67.21 | -49.25 | -21.25 | 28.00 |
| VHT40, M0.5 to M9.5-BF                | 8 | 8.04  | -66.98 | -67.18 | -67.26 | -67.44 | -66.86 | -67.24 | -67.04 | -66.83 | -50.03 | -21.25 | 28.78 |
| VHT40, M0.6 to M9.6-BF                | 8 | 7.25  | -67.23 | -67.74 | -66.88 | -66.89 | -65.99 | -67.21 | -67.17 | -67.75 | -50.79 | -21.25 | 29.54 |



|                                   |   |      |        |        |        |        |        |        |        |        |        |        |       |
|-----------------------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT40, M0.7 to M9.7-BF            | 8 | 6.58 | -65.28 | -66.57 | -66.25 | -66.74 | -67.72 | -67.01 | -65.42 | -65.80 | -50.67 | -21.25 | 29.42 |
| VHT40, M0.8 to M9.8-BF            | 8 | 6.00 | -67.84 | -67.03 | -66.86 | -66.66 | -67.44 | -67.99 | -66.92 | -66.99 | -52.16 | -21.25 | 30.91 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 2 | 6.00 | -66.79 | -67.33 |        |        |        |        |        |        | -58.04 | -21.25 | 36.79 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 3 | 6.00 | -67.71 | -66.23 | -66.96 |        |        |        |        |        | -56.15 | -21.25 | 34.90 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 4 | 6.00 | -67.12 | -67.35 | -67.74 | -67.07 |        |        |        |        | -55.29 | -21.25 | 34.04 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 6 | 6.00 | -67.46 | -67.42 | -67.80 |        | -67.62 | -67.50 | -66.96 |        | -53.67 | -21.25 | 32.42 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 8 | 6.00 | -67.53 | -67.33 | -67.67 | -67.08 | -67.79 | -66.70 | -67.87 | -67.35 | -52.37 | -21.25 | 31.12 |
| HE40, M0.1 to M11.1               | 1 | 6.00 | -67.18 |        |        |        |        |        |        |        | -61.18 | -21.25 | 39.93 |
| HE40, M0.1 to M11.1               | 2 | 6.00 | -67.85 | -67.33 |        |        |        |        |        |        | -58.57 | -21.25 | 37.32 |
| HE40, M0.2 to M11.2               | 2 | 6.00 | -66.72 | -66.52 |        |        |        |        |        |        | -57.61 | -21.25 | 36.36 |
| HE40, M0.1 to M11.1               | 3 | 6.00 | -67.83 | -67.50 | -68.11 |        |        |        |        |        | -57.04 | -21.25 | 35.79 |
| HE40, M0.2 to M11.2               | 3 | 6.00 | -66.80 | -66.59 | -67.50 |        |        |        |        |        | -56.17 | -21.25 | 34.92 |
| HE40, M0.3 to M11.3               | 3 | 6.00 | -67.30 | -67.35 | -66.02 |        |        |        |        |        | -56.07 | -21.25 | 34.82 |
| HE40, M0.1 to M11.1               | 4 | 6.00 | -67.44 | -67.06 | -68.00 | -67.13 |        |        |        |        | -55.37 | -21.25 | 34.12 |
| HE40, M0.2 to M11.2               | 4 | 6.00 | -66.93 | -66.91 | -66.72 | -67.17 |        |        |        |        | -54.91 | -21.25 | 33.66 |
| HE40, M0.3 to M11.3               | 4 | 6.00 | -66.84 | -67.34 | -67.69 | -67.12 |        |        |        |        | -55.22 | -21.25 | 33.97 |
| HE40, M0.4 to M11.4               | 4 | 6.00 | -67.25 | -67.21 | -67.04 | -66.59 |        |        |        |        | -54.99 | -21.25 | 33.74 |
| HE40, M0.1 to M11.1               | 6 | 6.00 | -67.56 | -66.50 | -67.48 |        | -66.44 | -67.48 | -66.88 |        | -53.25 | -21.25 | 32.00 |
| HE40, M0.2 to M11.2               | 6 | 6.00 | -67.18 | -67.09 | -67.73 |        | -67.57 | -65.63 | -66.67 |        | -53.14 | -21.25 | 31.89 |
| HE40, M0.3 to M11.3               | 6 | 6.00 | -67.02 | -67.74 | -67.53 |        | -66.81 | -66.97 | -66.41 |        | -53.27 | -21.25 | 32.02 |
| HE40, M0.4 to M11.4               | 6 | 6.00 | -67.83 | -67.81 | -67.04 |        | -67.81 | -67.49 | -67.11 |        | -53.72 | -21.25 | 32.47 |
| HE40, M0.5 to M11.5               | 6 | 6.00 | -67.61 | -67.87 | -66.37 |        | -66.32 | -66.86 | -67.46 |        | -53.26 | -21.25 | 32.01 |
| HE40, M0.6 to M11.6               | 6 | 6.00 | -67.57 | -67.58 | -67.61 |        | -66.62 | -67.59 | -66.77 |        | -53.49 | -21.25 | 32.24 |
| HE40, M0.1 to M11.1               | 8 | 6.00 | -66.35 | -67.07 | -67.01 | -67.90 | -67.47 | -67.56 | -66.41 | -67.41 | -52.09 | -21.25 | 30.84 |
| HE40, M0.2 to M11.2               | 8 | 6.00 | -67.12 | -67.00 | -67.57 | -66.82 | -67.62 | -67.62 | -67.63 | -67.48 | -52.32 | -21.25 | 31.07 |
| HE40, M0.3 to M11.3               | 8 | 6.00 | -67.35 | -68.08 | -66.91 | -67.46 | -67.13 | -66.95 | -66.74 | -66.41 | -52.07 | -21.25 | 30.82 |
| HE40, M0.4 to M11.4               | 8 | 6.00 | -67.12 | -67.83 | -67.05 | -66.86 | -67.23 | -67.48 | -66.69 | -67.75 | -52.20 | -21.25 | 30.95 |
| HE40, M0.5 to M11.5               | 8 | 6.00 | -64.79 | -67.27 | -67.56 | -67.45 | -67.56 | -66.61 | -66.07 | -65.61 | -51.47 | -21.25 | 30.22 |

|                        |   |       |        |        |        |        |        |        |        |        |        |        |       |
|------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE40, M0.6 to M11.6    | 8 | 6.00  | -66.63 | -67.10 | -65.53 | -68.01 | -67.64 | -66.53 | -66.51 | -67.41 | -51.83 | -21.25 | 30.58 |
| HE40, M0.7 to M11.7    | 8 | 6.00  | -66.39 | -67.83 | -67.02 | -67.47 | -66.15 | -67.18 | -67.67 | -67.13 | -52.04 | -21.25 | 30.79 |
| HE40, M0.8 to M11.8    | 8 | 6.00  | -66.98 | -66.65 | -67.01 | -67.05 | -66.62 | -66.06 | -67.18 | -66.90 | -51.76 | -21.25 | 30.51 |
| HE40, M0.1 to M11.1-BF | 2 | 9.01  | -67.61 | -67.02 |        |        |        |        |        |        | -55.28 | -21.25 | 34.03 |
| HE40, M0.2 to M11.2-BF | 2 | 6.00  | -67.18 | -67.34 |        |        |        |        |        |        | -58.25 | -21.25 | 37.00 |
| HE40, M0.1 to M11.1-BF | 3 | 10.77 | -67.61 | -66.48 | -66.92 |        |        |        |        |        | -51.44 | -21.25 | 30.19 |
| HE40, M0.2 to M11.2-BF | 3 | 7.76  | -67.83 | -66.87 | -66.46 |        |        |        |        |        | -54.49 | -21.25 | 33.24 |
| HE40, M0.3 to M11.3-BF | 3 | 6.00  | -67.72 | -66.37 | -67.54 |        |        |        |        |        | -56.40 | -21.25 | 35.15 |
| HE40, M0.1 to M11.1-BF | 4 | 12.02 | -65.99 | -67.85 | -67.46 | -67.64 |        |        |        |        | -49.13 | -21.25 | 27.88 |
| HE40, M0.2 to M11.2-BF | 4 | 9.01  | -66.94 | -66.85 | -67.01 | -66.53 |        |        |        |        | -51.80 | -21.25 | 30.55 |
| HE40, M0.3 to M11.3-BF | 4 | 7.25  | -67.60 | -67.24 | -67.10 | -66.96 |        |        |        |        | -53.95 | -21.25 | 32.70 |
| HE40, M0.4 to M11.4-BF | 4 | 6.00  | -67.56 | -66.86 | -67.59 | -66.82 |        |        |        |        | -55.17 | -21.25 | 33.92 |
| HE40, M0.1 to M11.1-BF | 6 | 13.78 | -66.39 | -66.49 | -66.65 |        | -66.99 | -67.67 | -67.26 |        | -45.32 | -21.25 | 24.07 |
| HE40, M0.2 to M11.2-BF | 6 | 10.77 | -67.67 | -67.05 | -65.14 |        | -67.47 | -66.95 | -67.13 |        | -48.26 | -21.25 | 27.01 |
| HE40, M0.3 to M11.3-BF | 6 | 9.01  | -67.20 | -67.49 | -66.82 |        | -67.16 | -67.19 | -67.57 |        | -50.44 | -21.25 | 29.19 |
| HE40, M0.4 to M11.4-BF | 6 | 7.76  | -66.80 | -65.79 | -65.59 |        | -67.33 | -67.28 | -67.63 |        | -51.12 | -21.25 | 29.87 |
| HE40, M0.5 to M11.5-BF | 6 | 6.79  | -66.77 | -66.03 | -67.49 |        | -67.36 | -66.88 | -66.18 |        | -52.18 | -21.25 | 30.93 |
| HE40, M0.6 to M11.6-BF | 6 | 6.00  | -66.39 | -67.95 | -66.37 |        | -67.95 | -67.71 | -67.00 |        | -53.39 | -21.25 | 32.14 |
| HE40, M0.1 to M11.1-BF | 8 | 15.03 | -67.76 | -66.40 | -67.96 | -67.06 | -67.38 | -67.21 | -67.45 | -67.27 | -43.23 | -21.25 | 21.98 |
| HE40, M0.2 to M11.2-BF | 8 | 12.02 | -67.19 | -67.17 | -67.32 | -66.96 | -67.06 | -67.58 | -67.75 | -67.35 | -46.24 | -21.25 | 24.99 |
| HE40, M0.3 to M11.3-BF | 8 | 10.26 | -67.13 | -67.23 | -67.67 | -67.84 | -67.44 | -66.78 | -67.39 | -67.11 | -48.02 | -21.25 | 26.77 |
| HE40, M0.4 to M11.4-BF | 8 | 9.01  | -67.33 | -67.23 | -66.98 | -67.57 | -66.93 | -68.10 | -67.14 | -67.31 | -49.27 | -21.25 | 28.02 |
| HE40, M0.5 to M11.5-BF | 8 | 8.04  | -67.25 | -67.52 | -67.72 | -67.27 | -67.20 | -67.06 | -67.71 | -66.85 | -50.24 | -21.25 | 28.99 |
| HE40, M0.6 to M11.6-BF | 8 | 7.25  | -67.31 | -66.86 | -67.61 | -67.29 | -67.96 | -66.46 | -66.67 | -67.16 | -50.86 | -21.25 | 29.61 |
| HE40, M0.7 to M11.7-BF | 8 | 6.58  | -66.98 | -66.92 | -67.56 | -67.51 | -67.13 | -67.10 | -67.40 | -67.28 | -51.62 | -21.25 | 30.37 |
| HE40, M0.8 to M11.8-BF | 8 | 6.00  | -67.13 | -67.39 | -67.71 | -67.60 | -67.97 | -67.93 | -65.97 | -67.78 | -52.36 | -21.25 | 31.11 |
| HE40, M0 to M11-STBC   | 2 | 6.00  | -67.32 | -67.68 |        |        |        |        |        |        | -58.49 | -21.25 | 37.24 |
| HE40, M0 to M11-STBC   | 3 | 6.00  | -67.11 | -67.21 | -65.35 |        |        |        |        |        | -55.70 | -21.25 | 34.45 |

|                      |   |      |        |        |        |        |        |        |        |        |        |        |       |
|----------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE40, M0 to M11-STBC | 4 | 6.00 | -67.40 | -67.15 | -67.32 | -67.36 |        |        |        |        | -55.29 | -21.25 | 34.04 |
| HE40, M0 to M11-STBC | 6 | 6.00 | -66.35 | -67.14 | -67.18 |        | -66.70 | -67.16 | -67.92 |        | -53.27 | -21.25 | 32.02 |
| HE40, M0 to M11-STBC | 8 | 6.00 | -67.78 | -66.85 | -67.72 | -67.69 | -66.67 | -66.83 | -66.17 | -66.69 | -51.98 | -21.25 | 30.73 |

## 5230 MHz (Average):

| Mode                               | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Tx 5 Spurious (dBm) | Tx 6 Spurious (dBm) | Tx 7 Spurious (dBm) | Tx 8 Spurious (dBm) | Total (dBm) | FCC Average Limit (dBm) | Margin (dB) |
|------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------|-------------------------|-------------|
| non HT40, 6 to 54 Mbps             | 1        | 6.00                          | -74.68              |                     |                     |                     |                     |                     |                     |                     | -74.68      | -41.25                  | 33.43       |
| non HT40, 6 to 54 Mbps             | 2        | 6.00                          | -74.45              | -74.28              |                     |                     |                     |                     |                     |                     | -65.35      | -41.25                  | 24.10       |
| non HT40, 6 to 54 Mbps             | 3        | 6.00                          | -75.18              | -74.87              | -74.29              |                     |                     |                     |                     |                     | -63.99      | -41.25                  | 22.74       |
| non HT40, 6 to 54 Mbps             | 4        | 6.00                          | -74.95              | -75.05              | -75.08              | -74.67              |                     |                     |                     |                     | -62.91      | -41.25                  | 21.66       |
| non HT40, 6 to 54 Mbps             | 6        | 9.00                          | -75.00              | -74.61              | -74.98              |                     | -74.88              | -74.93              | -75.25              |                     | -58.16      | -41.25                  | 16.91       |
| non HT40, 6 to 54 Mbps             | 8        | 9.00                          | -74.42              | -74.67              | -74.61              | -74.68              | -75.20              | -74.50              | -74.84              | -74.52              | -56.64      | -41.25                  | 15.39       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 1        | 6.00                          | -74.95              |                     |                     |                     |                     |                     |                     |                     | -68.95      | -41.25                  | 27.70       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 2        | 6.00                          | -75.19              | -74.31              |                     |                     |                     |                     |                     |                     | -65.72      | -41.25                  | 24.47       |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 2        | 6.00                          | -74.73              | -74.36              |                     |                     |                     |                     |                     |                     | -65.53      | -41.25                  | 24.28       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 3        | 6.00                          | -74.93              | -74.96              | -74.51              |                     |                     |                     |                     |                     | -64.02      | -41.25                  | 22.77       |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 3        | 6.00                          | -74.91              | -75.15              | -74.56              |                     |                     |                     |                     |                     | -64.09      | -41.25                  | 22.84       |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 3        | 6.00                          | -75.06              | -75.10              | -74.71              |                     |                     |                     |                     |                     | -64.18      | -41.25                  | 22.93       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 4        | 6.00                          | -75.18              | -74.98              | -75.10              | -75.17              |                     |                     |                     |                     | -63.09      | -41.25                  | 21.84       |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 4        | 6.00                          | -74.46              | -75.01              | -74.87              | -74.77              |                     |                     |                     |                     | -62.75      | -41.25                  | 21.50       |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 4        | 6.00                          | -73.72              | -74.76              | -74.27              | -74.84              |                     |                     |                     |                     | -62.35      | -41.25                  | 21.10       |
| HT/VHT40, M24 to M31, M0.4 to M9.4 | 4        | 6.00                          | -74.92              | -75.41              | -74.72              | -74.46              |                     |                     |                     |                     | -62.84      | -41.25                  | 21.59       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 6        | 6.00                          | -74.83              | -74.73              | -75.16              |                     | -74.74              | -74.99              | -74.66              |                     | -61.07      | -41.25                  | 19.82       |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 6        | 6.00                          | -74.49              | -75.21              | -74.92              |                     | -74.96              | -75.35              | -74.56              |                     | -61.12      | -41.25                  | 19.87       |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 6        | 6.00                          | -75.13              | -74.50              | -75.31              |                     | -73.83              | -74.88              | -75.00              |                     | -60.96      | -41.25                  | 19.71       |
| HT/VHT40, M24 to M31, M0.4 to M9.4 | 6        | 6.00                          | -75.01              | -75.37              | -74.71              |                     | -75.05              | -74.69              | -74.38              |                     | -61.08      | -41.25                  | 19.83       |
| VHT40, M0.5 to M9.5                | 6        | 6.00                          | -74.09              | -74.35              | -74.67              |                     | -74.59              | -74.52              | -74.74              |                     | -60.71      | -41.25                  | 19.46       |
| VHT40, M0.6 to M9.6                | 6        | 6.00                          | -74.94              | -74.76              | -75.27              |                     | -74.49              | -75.06              | -74.74              |                     | -61.09      | -41.25                  | 19.84       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 8        | 6.00                          | -74.59              | -74.70              | -75.27              | -74.94              | -75.03              | -74.82              | -74.94              | -74.65              | -59.83      | -41.25                  | 18.58       |

|                                       |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 8 | 6.00  | -74.12 | -74.90 | -74.83 | -74.78 | -75.39 | -75.05 | -74.98 | -74.41 | -59.76 | -41.25 | 18.51 |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 8 | 6.00  | -74.78 | -73.83 | -74.61 | -75.07 | -74.79 | -74.79 | -74.44 | -74.68 | -59.58 | -41.25 | 18.33 |
| HT/VHT40, M24 to M31, M0.4 to M9.4    | 8 | 6.00  | -75.10 | -75.17 | -74.88 | -75.15 | -74.92 | -74.90 | -74.77 | -74.33 | -59.87 | -41.25 | 18.62 |
| VHT40, M0.5 to M9.5                   | 8 | 6.00  | -74.57 | -74.38 | -74.75 | -74.39 | -73.89 | -74.90 | -74.54 | -75.04 | -59.51 | -41.25 | 18.26 |
| VHT40, M0.6 to M9.6                   | 8 | 6.00  | -74.98 | -74.14 | -74.53 | -74.50 | -74.55 | -74.65 | -75.16 | -74.79 | -59.62 | -41.25 | 18.37 |
| VHT40, M0.7 to M9.7                   | 8 | 6.00  | -74.51 | -75.19 | -74.80 | -74.67 | -74.30 | -75.00 | -74.86 | -75.13 | -59.77 | -41.25 | 18.52 |
| VHT40, M0.8 to M9.8                   | 8 | 6.00  | -75.02 | -74.85 | -74.54 | -75.33 | -74.79 | -74.93 | -74.79 | -75.26 | -59.90 | -41.25 | 18.65 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 2 | 9.01  | -74.96 | -74.83 |        |        |        |        |        |        | -62.87 | -41.25 | 21.62 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 2 | 6.00  | -74.18 | -74.11 |        |        |        |        |        |        | -65.13 | -41.25 | 23.88 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 3 | 10.77 | -74.54 | -74.49 | -75.10 |        |        |        |        |        | -59.16 | -41.25 | 17.91 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 3 | 7.76  | -74.97 | -73.97 | -75.33 |        |        |        |        |        | -62.18 | -41.25 | 20.93 |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 3 | 6.00  | -74.81 | -74.86 | -74.67 |        |        |        |        |        | -64.01 | -41.25 | 22.76 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 4 | 12.02 | -74.89 | -73.90 | -75.10 | -74.66 |        |        |        |        | -56.57 | -41.25 | 15.32 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 4 | 9.01  | -73.50 | -74.79 | -74.72 | -75.12 |        |        |        |        | -59.45 | -41.25 | 18.20 |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 4 | 7.25  | -74.27 | -75.26 | -74.82 | -74.72 |        |        |        |        | -61.48 | -41.25 | 20.23 |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 4 | 6.00  | -74.82 | -74.62 | -75.05 | -75.05 |        |        |        |        | -62.86 | -41.25 | 21.61 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 6 | 13.78 | -74.15 | -75.01 | -75.11 |        | -74.77 | -74.56 | -74.52 |        | -53.11 | -41.25 | 11.86 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 6 | 10.77 | -74.50 | -74.10 | -74.59 |        | -74.84 | -74.91 | -74.60 |        | -56.03 | -41.25 | 14.78 |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 6 | 9.01  | -74.74 | -74.77 | -74.64 |        | -74.96 | -74.67 | -74.23 |        | -57.87 | -41.25 | 16.62 |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 6 | 7.76  | -74.92 | -75.02 | -74.99 |        | -74.78 | -74.94 | -74.90 |        | -59.38 | -41.25 | 18.13 |
| VHT40, M0.5 to M9.5-BF                | 6 | 6.79  | -74.99 | -74.59 | -74.72 |        | -74.61 | -74.66 | -74.76 |        | -60.15 | -41.25 | 18.90 |
| VHT40, M0.6 to M9.6-BF                | 6 | 6.00  | -75.14 | -74.94 | -74.79 |        | -74.91 | -74.93 | -74.83 |        | -61.14 | -41.25 | 19.89 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 8 | 15.03 | -74.66 | -75.00 | -74.37 | -75.08 | -74.46 | -74.29 | -74.35 | -74.83 | -50.56 | -41.25 | 9.31  |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 8 | 12.02 | -74.89 | -74.81 | -74.44 | -74.35 | -75.03 | -74.86 | -75.03 | -74.77 | -53.71 | -41.25 | 12.46 |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 8 | 10.26 | -74.53 | -74.82 | -74.78 | -74.81 | -75.09 | -75.50 | -75.16 | -74.87 | -55.65 | -41.25 | 14.40 |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 8 | 9.01  | -74.87 | -74.68 | -74.81 | -74.59 | -75.02 | -74.66 | -74.87 | -74.05 | -56.64 | -41.25 | 15.39 |
| VHT40, M0.5 to M9.5-BF                | 8 | 8.04  | -75.02 | -74.47 | -74.58 | -74.85 | -74.73 | -75.19 | -74.68 | -74.52 | -57.68 | -41.25 | 16.43 |
| VHT40, M0.6 to M9.6-BF                | 8 | 7.25  | -74.95 | -74.57 | -74.77 | -75.29 | -75.04 | -74.98 | -75.00 | -74.40 | -58.58 | -41.25 | 17.33 |

|                                   |   |      |        |        |        |        |        |        |        |        |        |        |       |
|-----------------------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT40, M0.7 to M9.7-BF            | 8 | 6.58 | -74.67 | -74.91 | -74.94 | -74.32 | -74.67 | -75.04 | -74.52 | -74.76 | -59.11 | -41.25 | 17.86 |
| VHT40, M0.8 to M9.8-BF            | 8 | 6.00 | -74.59 | -75.01 | -75.06 | -74.90 | -74.60 | -74.89 | -74.39 | -74.22 | -59.67 | -41.25 | 18.42 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 2 | 6.00 | -74.76 | -74.95 |        |        |        |        |        |        | -65.85 | -41.25 | 24.60 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 3 | 6.00 | -73.85 | -75.16 | -74.93 |        |        |        |        |        | -63.83 | -41.25 | 22.58 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 4 | 6.00 | -74.75 | -74.80 | -75.19 | -74.52 |        |        |        |        | -62.79 | -41.25 | 21.54 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 6 | 6.00 | -74.83 | -74.94 | -75.04 |        | -75.13 | -74.71 | -74.97 |        | -61.15 | -41.25 | 19.90 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 8 | 6.00 | -74.38 | -74.85 | -73.73 | -75.13 | -75.38 | -75.45 | -75.28 | -74.83 | -59.81 | -41.25 | 18.56 |
| HE40, M0.1 to M11.1               | 1 | 6.00 | -75.08 |        |        |        |        |        |        |        | -69.08 | -41.25 | 27.83 |
| HE40, M0.1 to M11.1               | 2 | 6.00 | -74.31 | -75.22 |        |        |        |        |        |        | -65.73 | -41.25 | 24.48 |
| HE40, M0.2 to M11.2               | 2 | 6.00 | -73.87 | -74.13 |        |        |        |        |        |        | -64.99 | -41.25 | 23.74 |
| HE40, M0.1 to M11.1               | 3 | 6.00 | -74.55 | -74.94 | -74.68 |        |        |        |        |        | -63.95 | -41.25 | 22.70 |
| HE40, M0.2 to M11.2               | 3 | 6.00 | -75.19 | -74.72 | -75.34 |        |        |        |        |        | -64.30 | -41.25 | 23.05 |
| HE40, M0.3 to M11.3               | 3 | 6.00 | -74.63 | -75.10 | -74.94 |        |        |        |        |        | -64.11 | -41.25 | 22.86 |
| HE40, M0.1 to M11.1               | 4 | 6.00 | -74.94 | -74.07 | -75.02 | -75.14 |        |        |        |        | -62.75 | -41.25 | 21.50 |
| HE40, M0.2 to M11.2               | 4 | 6.00 | -74.89 | -74.88 | -74.85 | -73.79 |        |        |        |        | -62.55 | -41.25 | 21.30 |
| HE40, M0.3 to M11.3               | 4 | 6.00 | -75.43 | -74.83 | -74.89 | -74.93 |        |        |        |        | -62.99 | -41.25 | 21.74 |
| HE40, M0.4 to M11.4               | 4 | 6.00 | -74.80 | -74.84 | -75.08 | -74.76 |        |        |        |        | -62.85 | -41.25 | 21.60 |
| HE40, M0.1 to M11.1               | 6 | 6.00 | -74.55 | -74.73 | -74.74 |        | -74.53 | -75.27 | -74.96 |        | -61.01 | -41.25 | 19.76 |
| HE40, M0.2 to M11.2               | 6 | 6.00 | -74.97 | -75.00 | -74.35 |        | -74.30 | -74.94 | -75.02 |        | -60.97 | -41.25 | 19.72 |
| HE40, M0.3 to M11.3               | 6 | 6.00 | -74.76 | -74.86 | -75.17 |        | -75.29 | -73.92 | -74.82 |        | -61.00 | -41.25 | 19.75 |
| HE40, M0.4 to M11.4               | 6 | 6.00 | -74.09 | -74.13 | -74.93 |        | -74.50 | -74.94 | -74.81 |        | -60.77 | -41.25 | 19.52 |
| HE40, M0.5 to M11.5               | 6 | 6.00 | -75.30 | -74.54 | -74.50 |        | -74.87 | -74.25 | -74.60 |        | -60.88 | -41.25 | 19.63 |
| HE40, M0.6 to M11.6               | 6 | 6.00 | -74.67 | -74.90 | -74.80 |        | -75.54 | -75.12 | -74.61 |        | -61.15 | -41.25 | 19.90 |
| HE40, M0.1 to M11.1               | 8 | 6.00 | -74.89 | -74.93 | -74.96 | -74.95 | -74.09 | -75.03 | -74.14 | -75.32 | -59.74 | -41.25 | 18.49 |
| HE40, M0.2 to M11.2               | 8 | 6.00 | -75.00 | -75.26 | -74.54 | -75.13 | -74.48 | -74.92 | -74.87 | -74.71 | -59.82 | -41.25 | 18.57 |
| HE40, M0.3 to M11.3               | 8 | 6.00 | -74.55 | -74.67 | -74.59 | -74.63 | -75.01 | -74.52 | -74.74 | -74.72 | -59.65 | -41.25 | 18.40 |
| HE40, M0.4 to M11.4               | 8 | 6.00 | -75.12 | -74.87 | -74.75 | -74.86 | -74.89 | -74.76 | -74.88 | -74.77 | -59.83 | -41.25 | 18.58 |
| HE40, M0.5 to M11.5               | 8 | 6.00 | -75.15 | -75.18 | -75.31 | -74.71 | -74.80 | -74.97 | -74.56 | -74.84 | -59.90 | -41.25 | 18.65 |

|                        |   |       |        |        |        |        |        |        |        |        |        |        |       |
|------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE40, M0.6 to M11.6    | 8 | 6.00  | -74.88 | -74.64 | -75.04 | -74.90 | -74.87 | -74.81 | -74.48 | -74.71 | -59.76 | -41.25 | 18.51 |
| HE40, M0.7 to M11.7    | 8 | 6.00  | -74.80 | -74.35 | -74.86 | -74.24 | -74.58 | -74.17 | -74.67 | -74.88 | -59.53 | -41.25 | 18.28 |
| HE40, M0.8 to M11.8    | 8 | 6.00  | -74.90 | -75.06 | -73.83 | -75.15 | -74.16 | -74.29 | -74.92 | -74.41 | -59.54 | -41.25 | 18.29 |
| HE40, M0.1 to M11.1-BF | 2 | 9.01  | -74.71 | -74.41 |        |        |        |        |        |        | -62.53 | -41.25 | 21.28 |
| HE40, M0.2 to M11.2-BF | 2 | 6.00  | -75.15 | -74.38 |        |        |        |        |        |        | -65.74 | -41.25 | 24.49 |
| HE40, M0.1 to M11.1-BF | 3 | 10.77 | -74.70 | -74.30 | -74.36 |        |        |        |        |        | -58.91 | -41.25 | 17.66 |
| HE40, M0.2 to M11.2-BF | 3 | 7.76  | -74.96 | -75.13 | -75.00 |        |        |        |        |        | -62.50 | -41.25 | 21.25 |
| HE40, M0.3 to M11.3-BF | 3 | 6.00  | -73.87 | -74.93 | -75.32 |        |        |        |        |        | -63.89 | -41.25 | 22.64 |
| HE40, M0.1 to M11.1-BF | 4 | 12.02 | -74.99 | -74.80 | -74.55 | -74.64 |        |        |        |        | -56.70 | -41.25 | 15.45 |
| HE40, M0.2 to M11.2-BF | 4 | 9.01  | -75.07 | -75.14 | -75.37 | -75.49 |        |        |        |        | -60.23 | -41.25 | 18.98 |
| HE40, M0.3 to M11.3-BF | 4 | 7.25  | -75.03 | -74.88 | -75.14 | -74.31 |        |        |        |        | -61.56 | -41.25 | 20.31 |
| HE40, M0.4 to M11.4-BF | 4 | 6.00  | -74.86 | -75.24 | -75.10 | -74.86 |        |        |        |        | -62.99 | -41.25 | 21.74 |
| HE40, M0.1 to M11.1-BF | 6 | 13.78 | -74.82 | -74.71 | -74.32 |        | -74.72 | -74.69 | -74.83 |        | -53.12 | -41.25 | 11.87 |
| HE40, M0.2 to M11.2-BF | 6 | 10.77 | -74.60 | -74.55 | -74.15 |        | -74.08 | -74.59 | -74.62 |        | -55.87 | -41.25 | 14.62 |
| HE40, M0.3 to M11.3-BF | 6 | 9.01  | -74.99 | -74.76 | -74.76 |        | -74.54 | -74.39 | -74.74 |        | -57.90 | -41.25 | 16.65 |
| HE40, M0.4 to M11.4-BF | 6 | 7.76  | -74.97 | -74.96 | -74.43 |        | -74.70 | -74.59 | -74.84 |        | -59.20 | -41.25 | 17.95 |
| HE40, M0.5 to M11.5-BF | 6 | 6.79  | -74.93 | -74.55 | -75.14 |        | -74.75 | -74.95 | -74.98 |        | -60.31 | -41.25 | 19.06 |
| HE40, M0.6 to M11.6-BF | 6 | 6.00  | -75.06 | -74.70 | -75.19 |        | -74.73 | -75.05 | -75.10 |        | -61.18 | -41.25 | 19.93 |
| HE40, M0.1 to M11.1-BF | 8 | 15.03 | -75.07 | -75.14 | -75.11 | -74.72 | -74.97 | -74.97 | -74.69 | -74.82 | -50.87 | -41.25 | 9.62  |
| HE40, M0.2 to M11.2-BF | 8 | 12.02 | -75.31 | -74.57 | -75.13 | -74.76 | -74.38 | -74.80 | -74.87 | -75.43 | -53.84 | -41.25 | 12.59 |
| HE40, M0.3 to M11.3-BF | 8 | 10.26 | -74.65 | -74.75 | -74.86 | -74.92 | -75.10 | -74.61 | -74.60 | -74.79 | -55.49 | -41.25 | 14.24 |
| HE40, M0.4 to M11.4-BF | 8 | 9.01  | -75.12 | -74.67 | -74.30 | -74.67 | -73.88 | -75.10 | -74.71 | -75.02 | -56.62 | -41.25 | 15.37 |
| HE40, M0.5 to M11.5-BF | 8 | 8.04  | -75.00 | -75.05 | -75.06 | -74.92 | -75.11 | -74.44 | -74.76 | -75.20 | -57.86 | -41.25 | 16.61 |
| HE40, M0.6 to M11.6-BF | 8 | 7.25  | -75.11 | -75.00 | -74.76 | -74.75 | -74.57 | -74.98 | -75.16 | -74.96 | -58.63 | -41.25 | 17.38 |
| HE40, M0.7 to M11.7-BF | 8 | 6.58  | -74.72 | -74.34 | -74.77 | -74.72 | -74.42 | -75.18 | -74.53 | -75.15 | -59.11 | -41.25 | 17.86 |
| HE40, M0.8 to M11.8-BF | 8 | 6.00  | -74.87 | -74.52 | -75.16 | -74.30 | -74.76 | -74.70 | -75.42 | -74.84 | -59.78 | -41.25 | 18.53 |
| HE40, M0 to M11-STBC   | 2 | 6.00  | -75.02 | -74.92 |        |        |        |        |        |        | -65.96 | -41.25 | 24.71 |
| HE40, M0 to M11-STBC   | 3 | 6.00  | -74.88 | -74.66 | -74.73 |        |        |        |        |        | -63.98 | -41.25 | 22.73 |

|                      |   |      |        |        |        |        |        |        |        |        |        |        |       |
|----------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE40, M0 to M11-STBC | 4 | 6.00 | -75.18 | -74.90 | -74.45 | -75.14 |        |        |        |        | -62.89 | -41.25 | 21.64 |
| HE40, M0 to M11-STBC | 6 | 6.00 | -74.09 | -74.48 | -73.98 |        | -74.81 | -74.54 | -74.90 |        | -60.67 | -41.25 | 19.42 |
| HE40, M0 to M11-STBC | 8 | 6.00 | -74.60 | -74.36 | -74.76 | -74.21 | -74.70 | -74.67 | -74.73 | -74.97 | -59.59 | -41.25 | 18.34 |



## 5210 MHz (Peak):

| Mode                   | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Tx 5 Spurious (dBm) | Tx 6 Spurious (dBm) | Tx 7 Spurious (dBm) | Tx 8 Spurious (dBm) | Total (dBm) | FCC Peak Limit (dBm) | Margin (dB) |
|------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------|----------------------|-------------|
| non HT80, 6 to 54 Mbps | 1        | 6.00                          | -67.75              |                     |                     |                     |                     |                     |                     |                     | -67.75      | -21.25               | 46.50       |
| non HT80, 6 to 54 Mbps | 2        | 6.00                          | -67.10              | -66.07              |                     |                     |                     |                     |                     |                     | -57.54      | -21.25               | 36.29       |
| non HT80, 6 to 54 Mbps | 3        | 6.00                          | -67.24              | -67.80              | -66.99              |                     |                     |                     |                     |                     | -56.56      | -21.25               | 35.31       |
| non HT80, 6 to 54 Mbps | 4        | 6.00                          | -66.45              | -67.14              | -67.13              | -66.81              |                     |                     |                     |                     | -54.85      | -21.25               | 33.60       |
| non HT80, 6 to 54 Mbps | 6        | 9.00                          | -66.90              | -66.78              | -67.00              |                     | -67.29              | -67.67              | -66.51              |                     | -50.23      | -21.25               | 28.98       |
| non HT80, 6 to 54 Mbps | 8        | 9.00                          | -67.16              | -66.58              | -66.80              | -67.18              | -66.75              | -65.94              | -66.73              | -66.89              | -48.71      | -21.25               | 27.46       |
| VHT80, M0.1 to M9.1    | 1        | 6.00                          | -67.52              |                     |                     |                     |                     |                     |                     |                     | -61.52      | -21.25               | 40.27       |
| VHT80, M0.1 to M9.1    | 2        | 6.00                          | -66.83              | -67.06              |                     |                     |                     |                     |                     |                     | -57.93      | -21.25               | 36.68       |
| VHT80, M0.2 to M9.2    | 2        | 6.00                          | -67.34              | -66.82              |                     |                     |                     |                     |                     |                     | -58.06      | -21.25               | 36.81       |
| VHT80, M0.1 to M9.1    | 3        | 6.00                          | -67.13              | -67.27              | -67.40              |                     |                     |                     |                     |                     | -56.49      | -21.25               | 35.24       |
| VHT80, M0.2 to M9.2    | 3        | 6.00                          | -66.70              | -67.14              | -67.18              |                     |                     |                     |                     |                     | -56.23      | -21.25               | 34.98       |
| VHT80, M0.3 to M9.3    | 3        | 6.00                          | -67.31              | -66.90              | -66.87              |                     |                     |                     |                     |                     | -56.25      | -21.25               | 35.00       |
| VHT80, M0.1 to M9.1    | 4        | 6.00                          | -66.23              | -66.90              | -68.10              | -66.69              |                     |                     |                     |                     | -54.90      | -21.25               | 33.65       |
| VHT80, M0.2 to M9.2    | 4        | 6.00                          | -67.31              | -67.17              | -67.70              | -67.09              |                     |                     |                     |                     | -55.29      | -21.25               | 34.04       |
| VHT80, M0.3 to M9.3    | 4        | 6.00                          | -67.69              | -67.43              | -68.07              | -66.86              |                     |                     |                     |                     | -55.47      | -21.25               | 34.22       |
| VHT80, M0.4 to M9.4    | 4        | 6.00                          | -67.54              | -66.78              | -67.23              | -67.38              |                     |                     |                     |                     | -55.20      | -21.25               | 33.95       |
| VHT80, M0.1 to M9.1    | 6        | 6.00                          | -67.25              | -67.23              | -67.27              |                     | -67.33              | -67.77              | -65.87              |                     | -53.30      | -21.25               | 32.05       |
| VHT80, M0.2 to M9.2    | 6        | 6.00                          | -66.89              | -67.88              | -66.96              |                     | -67.09              | -66.18              | -67.17              |                     | -53.22      | -21.25               | 31.97       |
| VHT80, M0.3 to M9.3    | 6        | 6.00                          | -67.93              | -67.66              | -67.37              |                     | -67.28              | -66.11              | -67.50              |                     | -53.49      | -21.25               | 32.24       |
| VHT80, M0.4 to M9.4    | 6        | 6.00                          | -67.29              | -67.80              | -67.11              |                     | -67.12              | -65.98              | -67.19              |                     | -53.26      | -21.25               | 32.01       |
| VHT80, M0.5 to M9.5    | 6        | 6.00                          | -67.26              | -67.02              | -66.10              |                     | -67.41              | -67.42              | -66.93              |                     | -53.22      | -21.25               | 31.97       |
| VHT80, M0.6 to M9.6    | 6        | 6.00                          | -67.53              | -67.34              | -67.86              |                     | -66.57              | -67.61              | -67.42              |                     | -53.59      | -21.25               | 32.34       |
| VHT80, M0.1 to M9.1    | 8        | 6.00                          | -67.02              | -66.47              | -67.37              | -67.18              | -67.58              | -66.81              | -67.33              | -67.04              | -52.05      | -21.25               | 30.80       |

|                     |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT80, M0.2 to M9.2 | 8 | 6.00  | -67.31 | -67.64 | -67.40 | -67.25 | -67.80 | -67.44 | -67.50 | -67.73 | -52.47 | -21.25 | 31.22 |
| VHT80, M0.3 to M9.3 | 8 | 6.00  | -67.89 | -67.43 | -67.13 | -67.14 | -67.52 | -66.73 | -65.64 | -68.44 | -52.14 | -21.25 | 30.89 |
| VHT80, M0.4 to M9.4 | 8 | 6.00  | -67.07 | -67.16 | -68.02 | -67.44 | -66.91 | -67.63 | -67.86 | -66.32 | -52.24 | -21.25 | 30.99 |
| VHT80, M0.5 to M9.5 | 8 | 6.00  | -67.05 | -67.11 | -66.90 | -67.27 | -67.45 | -67.23 | -66.92 | -67.17 | -52.10 | -21.25 | 30.85 |
| VHT80, M0.6 to M9.6 | 8 | 6.00  | -67.30 | -67.17 | -67.78 | -66.99 | -66.79 | -67.23 | -67.81 | -67.32 | -52.25 | -21.25 | 31.00 |
| VHT80, M0.7 to M9.7 | 8 | 6.00  | -66.40 | -67.03 | -66.22 | -68.03 | -66.43 | -67.57 | -66.32 | -67.42 | -51.85 | -21.25 | 30.60 |
| VHT80, M0.8 to M9.8 | 8 | 6.00  | -67.46 | -67.58 | -66.91 | -66.21 | -66.92 | -67.44 | -67.42 | -66.41 | -51.99 | -21.25 | 30.74 |
| VHT80, M0.1 to M9.1 | 2 | 9.01  | -66.65 | -67.20 |        |        |        |        |        |        | -54.90 | -21.25 | 33.65 |
| VHT80, M0.2 to M9.2 | 2 | 6.00  | -67.80 | -67.50 |        |        |        |        |        |        | -58.64 | -21.25 | 37.39 |
| VHT80, M0.1 to M9.1 | 3 | 10.77 | -67.29 | -67.19 | -66.97 |        |        |        |        |        | -51.60 | -21.25 | 30.35 |
| VHT80, M0.2 to M9.2 | 3 | 7.76  | -66.04 | -65.76 | -67.51 |        |        |        |        |        | -53.84 | -21.25 | 32.59 |
| VHT80, M0.3 to M9.3 | 3 | 6.00  | -67.27 | -67.35 | -66.65 |        |        |        |        |        | -56.31 | -21.25 | 35.06 |
| VHT80, M0.1 to M9.1 | 4 | 12.02 | -67.30 | -66.66 | -66.97 | -67.26 |        |        |        |        | -49.00 | -21.25 | 27.75 |
| VHT80, M0.2 to M9.2 | 4 | 9.01  | -67.11 | -67.97 | -67.54 | -67.27 |        |        |        |        | -52.43 | -21.25 | 31.18 |
| VHT80, M0.3 to M9.3 | 4 | 7.25  | -67.99 | -67.11 | -67.47 | -66.61 |        |        |        |        | -53.99 | -21.25 | 32.74 |
| VHT80, M0.4 to M9.4 | 4 | 6.00  | -66.63 | -67.78 | -66.39 | -66.87 |        |        |        |        | -54.87 | -21.25 | 33.62 |
| VHT80, M0.1 to M9.1 | 6 | 13.78 | -67.80 | -66.95 | -67.09 |        | -65.25 | -66.73 | -67.41 |        | -45.23 | -21.25 | 23.98 |
| VHT80, M0.2 to M9.2 | 6 | 10.77 | -66.54 | -66.99 | -67.33 |        | -66.89 | -67.14 | -66.78 |        | -48.39 | -21.25 | 27.14 |
| VHT80, M0.3 to M9.3 | 6 | 9.01  | -67.63 | -66.89 | -67.90 |        | -67.65 | -67.54 | -66.81 |        | -50.59 | -21.25 | 29.34 |
| VHT80, M0.4 to M9.4 | 6 | 7.76  | -67.83 | -67.07 | -66.85 |        | -66.88 | -67.04 | -67.87 |        | -51.69 | -21.25 | 30.44 |
| VHT80, M0.5 to M9.5 | 6 | 6.79  | -67.54 | -65.99 | -67.75 |        | -67.47 | -66.84 | -66.06 |        | -52.31 | -21.25 | 31.06 |
| VHT80, M0.6 to M9.6 | 6 | 6.00  | -67.76 | -67.33 | -66.87 |        | -66.54 | -67.31 | -67.36 |        | -53.39 | -21.25 | 32.14 |
| VHT80, M0.1 to M9.1 | 8 | 15.03 | -66.80 | -67.14 | -67.16 | -66.87 | -66.33 | -67.58 | -66.95 | -67.32 | -42.94 | -21.25 | 21.69 |
| VHT80, M0.2 to M9.2 | 8 | 12.02 | -66.78 | -66.78 | -67.43 | -66.32 | -67.64 | -68.13 | -66.87 | -67.17 | -46.06 | -21.25 | 24.81 |
| VHT80, M0.3 to M9.3 | 8 | 10.26 | -66.77 | -67.46 | -67.10 | -66.74 | -67.62 | -67.72 | -68.03 | -65.91 | -47.83 | -21.25 | 26.58 |
| VHT80, M0.4 to M9.4 | 8 | 9.01  | -66.89 | -68.21 | -67.04 | -66.34 | -67.81 | -67.05 | -66.19 | -66.98 | -48.98 | -21.25 | 27.73 |
| VHT80, M0.5 to M9.5 | 8 | 8.04  | -67.28 | -67.18 | -66.87 | -67.66 | -67.42 | -66.83 | -67.08 | -67.45 | -50.14 | -21.25 | 28.89 |
| VHT80, M0.6 to M9.6 | 8 | 7.25  | -66.96 | -67.09 | -66.65 | -67.28 | -67.30 | -67.39 | -67.08 | -66.72 | -50.77 | -21.25 | 29.52 |

|                     |   |      |        |        |        |        |        |        |        |        |        |        |       |
|---------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT80, M0.7 to M9.7 | 8 | 6.58 | -67.70 | -67.11 | -67.69 | -67.76 | -67.18 | -67.46 | -67.06 | -67.64 | -51.83 | -21.25 | 30.58 |
| VHT80, M0.8 to M9.8 | 8 | 6.00 | -66.70 | -66.37 | -67.76 | -67.25 | -67.92 | -67.48 | -67.01 | -66.00 | -51.98 | -21.25 | 30.73 |
| VHT80, M0 to M9     | 2 | 6.00 | -67.19 | -67.16 |        |        |        |        |        |        | -58.16 | -21.25 | 36.91 |
| VHT80, M0 to M9     | 3 | 6.00 | -66.76 | -66.49 | -67.10 |        |        |        |        |        | -56.00 | -21.25 | 34.75 |
| VHT80, M0 to M9     | 4 | 6.00 | -66.78 | -67.26 | -67.30 | -67.13 |        |        |        |        | -55.09 | -21.25 | 33.84 |
| VHT80, M0 to M9     | 6 | 6.00 | -67.18 | -66.92 | -66.23 |        | -67.95 | -67.18 | -66.50 |        | -53.18 | -21.25 | 31.93 |
| VHT80, M0 to M9     | 8 | 6.00 | -66.80 | -66.08 | -67.41 | -67.32 | -67.92 | -67.16 | -67.68 | -65.73 | -51.92 | -21.25 | 30.67 |
| HE80, M0.1 to M11.1 | 1 | 6.00 | -67.04 |        |        |        |        |        |        |        | -61.04 | -21.25 | 39.79 |
| HE80, M0.1 to M11.1 | 2 | 6.00 | -67.46 | -67.55 |        |        |        |        |        |        | -58.50 | -21.25 | 37.25 |
| HE80, M0.2 to M11.2 | 2 | 6.00 | -68.22 | -67.32 |        |        |        |        |        |        | -58.74 | -21.25 | 37.49 |
| HE80, M0.1 to M11.1 | 3 | 6.00 | -67.54 | -67.01 | -67.13 |        |        |        |        |        | -56.45 | -21.25 | 35.20 |
| HE80, M0.2 to M11.2 | 3 | 6.00 | -68.07 | -67.65 | -67.86 |        |        |        |        |        | -57.08 | -21.25 | 35.83 |
| HE80, M0.3 to M11.3 | 3 | 6.00 | -66.60 | -67.78 | -67.50 |        |        |        |        |        | -56.49 | -21.25 | 35.24 |
| HE80, M0.1 to M11.1 | 4 | 6.00 | -66.99 | -67.56 | -67.40 | -67.48 |        |        |        |        | -55.33 | -21.25 | 34.08 |
| HE80, M0.2 to M11.2 | 4 | 6.00 | -66.93 | -67.60 | -67.44 | -66.77 |        |        |        |        | -55.15 | -21.25 | 33.90 |
| HE80, M0.3 to M11.3 | 4 | 6.00 | -67.21 | -67.67 | -67.96 | -67.77 |        |        |        |        | -55.62 | -21.25 | 34.37 |
| HE80, M0.4 to M11.4 | 4 | 6.00 | -67.04 | -66.76 | -67.06 | -67.18 |        |        |        |        | -54.98 | -21.25 | 33.73 |
| HE80, M0.1 to M11.1 | 6 | 6.00 | -67.63 | -66.37 | -66.56 |        | -67.46 | -67.51 | -67.41 |        | -53.35 | -21.25 | 32.10 |
| HE80, M0.2 to M11.2 | 6 | 6.00 | -66.04 | -67.45 | -67.83 |        | -67.58 | -67.30 | -67.39 |        | -53.44 | -21.25 | 32.19 |
| HE80, M0.3 to M11.3 | 6 | 6.00 | -67.54 | -66.48 | -66.62 |        | -67.58 | -67.60 | -67.67 |        | -53.43 | -21.25 | 32.18 |
| HE80, M0.4 to M11.4 | 6 | 6.00 | -67.70 | -66.85 | -67.05 |        | -67.10 | -66.62 | -66.19 |        | -53.11 | -21.25 | 31.86 |
| HE80, M0.5 to M11.5 | 6 | 6.00 | -66.75 | -66.90 | -67.70 |        | -67.92 | -66.85 | -67.68 |        | -53.49 | -21.25 | 32.24 |
| HE80, M0.6 to M11.6 | 6 | 6.00 | -67.11 | -67.07 | -67.51 |        | -68.12 | -66.17 | -66.34 |        | -53.22 | -21.25 | 31.97 |
| HE80, M0.1 to M11.1 | 8 | 6.00 | -67.40 | -67.35 | -67.26 | -67.39 | -67.41 | -67.04 | -67.46 | -68.12 | -52.39 | -21.25 | 31.14 |
| HE80, M0.2 to M11.2 | 8 | 6.00 | -67.52 | -66.67 | -67.75 | -66.73 | -67.24 | -65.68 | -67.31 | -66.10 | -51.79 | -21.25 | 30.54 |
| HE80, M0.3 to M11.3 | 8 | 6.00 | -65.71 | -67.72 | -66.92 | -67.23 | -67.47 | -67.98 | -67.68 | -66.18 | -52.01 | -21.25 | 30.76 |
| HE80, M0.4 to M11.4 | 8 | 6.00 | -66.43 | -67.17 | -66.74 | -67.31 | -67.24 | -67.00 | -66.26 | -67.33 | -51.89 | -21.25 | 30.64 |
| HE80, M0.5 to M11.5 | 8 | 6.00 | -67.74 | -67.31 | -66.96 | -67.35 | -67.15 | -67.58 | -66.36 | -67.53 | -52.20 | -21.25 | 30.95 |

|                        |   |       |        |        |        |        |        |        |        |        |        |        |       |
|------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE80, M0.6 to M11.6    | 8 | 6.00  | -66.70 | -67.23 | -66.15 | -67.17 | -67.75 | -67.21 | -66.69 | -66.94 | -51.93 | -21.25 | 30.68 |
| HE80, M0.7 to M11.7    | 8 | 6.00  | -67.14 | -67.94 | -67.45 | -66.47 | -67.41 | -67.05 | -67.58 | -67.74 | -52.29 | -21.25 | 31.04 |
| HE80, M0.8 to M11.8    | 8 | 6.00  | -67.22 | -68.20 | -67.86 | -67.33 | -67.82 | -66.83 | -67.75 | -67.66 | -52.53 | -21.25 | 31.28 |
| HE80, M0.1 to M11.1-BF | 2 | 9.01  | -67.05 | -67.75 |        |        |        |        |        |        | -55.37 | -21.25 | 34.12 |
| HE80, M0.2 to M11.2-BF | 2 | 6.00  | -67.64 | -66.70 |        |        |        |        |        |        | -58.13 | -21.25 | 36.88 |
| HE80, M0.1 to M11.1-BF | 3 | 10.77 | -66.64 | -67.77 | -66.80 |        |        |        |        |        | -51.50 | -21.25 | 30.25 |
| HE80, M0.2 to M11.2-BF | 3 | 7.76  | -67.30 | -67.40 | -67.34 |        |        |        |        |        | -54.81 | -21.25 | 33.56 |
| HE80, M0.3 to M11.3-BF | 3 | 6.00  | -66.98 | -67.11 | -67.22 |        |        |        |        |        | -56.33 | -21.25 | 35.08 |
| HE80, M0.1 to M11.1-BF | 4 | 12.02 | -67.21 | -67.27 | -66.42 | -67.11 |        |        |        |        | -48.95 | -21.25 | 27.70 |
| HE80, M0.2 to M11.2-BF | 4 | 9.01  | -67.32 | -67.20 | -66.99 | -66.19 |        |        |        |        | -51.87 | -21.25 | 30.62 |
| HE80, M0.3 to M11.3-BF | 4 | 7.25  | -66.47 | -66.71 | -67.73 | -67.18 |        |        |        |        | -53.73 | -21.25 | 32.48 |
| HE80, M0.4 to M11.4-BF | 4 | 6.00  | -67.42 | -66.51 | -67.35 | -66.18 |        |        |        |        | -54.81 | -21.25 | 33.56 |
| HE80, M0.1 to M11.1-BF | 6 | 13.78 | -67.73 | -67.04 | -67.06 |        | -67.95 | -67.40 | -66.11 |        | -45.61 | -21.25 | 24.36 |
| HE80, M0.2 to M11.2-BF | 6 | 10.77 | -67.30 | -67.27 | -67.26 |        | -67.27 | -66.70 | -67.28 |        | -48.62 | -21.25 | 27.37 |
| HE80, M0.3 to M11.3-BF | 6 | 9.01  | -66.38 | -67.20 | -65.75 |        | -66.57 | -67.67 | -66.93 |        | -49.91 | -21.25 | 28.66 |
| HE80, M0.4 to M11.4-BF | 6 | 7.76  | -67.09 | -67.64 | -67.31 |        | -67.55 | -67.67 | -67.21 |        | -51.86 | -21.25 | 30.61 |
| HE80, M0.5 to M11.5-BF | 6 | 6.79  | -67.66 | -67.65 | -66.23 |        | -66.53 | -67.73 | -67.06 |        | -52.53 | -21.25 | 31.28 |
| HE80, M0.6 to M11.6-BF | 6 | 6.00  | -67.10 | -68.00 | -67.82 |        | -66.57 | -67.15 | -67.63 |        | -53.57 | -21.25 | 32.32 |
| HE80, M0.1 to M11.1-BF | 8 | 15.03 | -67.46 | -67.13 | -66.28 | -67.61 | -66.98 | -66.79 | -66.98 | -67.79 | -43.04 | -21.25 | 21.79 |
| HE80, M0.2 to M11.2-BF | 8 | 12.02 | -66.59 | -67.16 | -67.16 | -67.07 | -67.40 | -67.68 | -66.91 | -66.71 | -46.02 | -21.25 | 24.77 |
| HE80, M0.3 to M11.3-BF | 8 | 10.26 | -65.82 | -67.06 | -67.70 | -67.58 | -67.66 | -67.43 | -67.79 | -66.93 | -47.91 | -21.25 | 26.66 |
| HE80, M0.4 to M11.4-BF | 8 | 9.01  | -66.76 | -67.85 | -66.95 | -66.71 | -66.28 | -68.17 | -66.48 | -67.51 | -49.00 | -21.25 | 27.75 |
| HE80, M0.5 to M11.5-BF | 8 | 8.04  | -66.28 | -67.49 | -68.15 | -66.61 | -66.08 | -67.67 | -67.71 | -67.26 | -50.03 | -21.25 | 28.78 |
| HE80, M0.6 to M11.6-BF | 8 | 7.25  | -67.66 | -66.37 | -67.52 | -67.24 | -67.45 | -66.95 | -67.01 | -67.25 | -50.88 | -21.25 | 29.63 |
| HE80, M0.7 to M11.7-BF | 8 | 6.58  | -67.17 | -67.05 | -66.64 | -67.67 | -67.09 | -67.62 | -66.29 | -66.86 | -51.41 | -21.25 | 30.16 |
| HE80, M0.8 to M11.8-BF | 8 | 6.00  | -67.69 | -66.62 | -68.05 | -67.32 | -66.82 | -67.36 | -67.51 | -67.47 | -52.30 | -21.25 | 31.05 |
| HE80, M0 to M11-STBC   | 2 | 6.00  | -67.37 | -66.95 |        |        |        |        |        |        | -58.15 | -21.25 | 36.90 |
| HE80, M0 to M11-STBC   | 3 | 6.00  | -66.11 | -67.51 | -66.94 |        |        |        |        |        | -56.04 | -21.25 | 34.79 |

|                      |   |      |        |        |        |        |        |        |        |        |        |        |       |
|----------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE80, M0 to M11-STBC | 4 | 6.00 | -66.71 | -67.55 | -67.60 | -67.50 |        |        |        |        | -55.30 | -21.25 | 34.05 |
| HE80, M0 to M11-STBC | 6 | 6.00 | -67.46 | -67.79 | -67.27 |        | -67.48 | -67.65 | -67.90 |        | -53.80 | -21.25 | 32.55 |
| HE80, M0 to M11-STBC | 8 | 6.00 | -67.44 | -67.08 | -67.91 | -67.01 | -65.59 | -66.65 | -66.72 | -66.93 | -51.84 | -21.25 | 30.59 |

## 5210 MHz (Average):

| Mode                   | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Tx 5 Spurious (dBm) | Tx 6 Spurious (dBm) | Tx 7 Spurious (dBm) | Tx 8 Spurious (dBm) | Total (dBm) | FCC Average Limit (dBm) | Margin (dB) |
|------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------|-------------------------|-------------|
| non HT80, 6 to 54 Mbps | 1        | 6.00                          | -74.93              |                     |                     |                     |                     |                     |                     |                     | -74.93      | -41.25                  | 33.68       |
| non HT80, 6 to 54 Mbps | 2        | 6.00                          | -74.51              | -74.33              |                     |                     |                     |                     |                     |                     | -65.41      | -41.25                  | 24.16       |
| non HT80, 6 to 54 Mbps | 3        | 6.00                          | -74.89              | -74.60              | -74.66              |                     |                     |                     |                     |                     | -63.94      | -41.25                  | 22.69       |
| non HT80, 6 to 54 Mbps | 4        | 6.00                          | -74.51              | -74.78              | -75.30              | -74.64              |                     |                     |                     |                     | -62.78      | -41.25                  | 21.53       |
| non HT80, 6 to 54 Mbps | 6        | 9.00                          | -74.63              | -74.80              | -74.80              |                     | -74.91              | -74.55              | -74.34              |                     | -57.89      | -41.25                  | 16.64       |
| non HT80, 6 to 54 Mbps | 8        | 9.00                          | -73.88              | -74.98              | -74.57              | -74.85              | -74.95              | -74.57              | -74.82              | -75.49              | -56.71      | -41.25                  | 15.46       |
| VHT80, M0.1 to M9.1    | 1        | 6.00                          | -74.85              |                     |                     |                     |                     |                     |                     |                     | -68.85      | -41.25                  | 27.60       |
| VHT80, M0.1 to M9.1    | 2        | 6.00                          | -74.34              | -74.64              |                     |                     |                     |                     |                     |                     | -65.48      | -41.25                  | 24.23       |
| VHT80, M0.2 to M9.2    | 2        | 6.00                          | -74.70              | -74.88              |                     |                     |                     |                     |                     |                     | -65.78      | -41.25                  | 24.53       |
| VHT80, M0.1 to M9.1    | 3        | 6.00                          | -75.13              | -75.07              | -74.89              |                     |                     |                     |                     |                     | -64.26      | -41.25                  | 23.01       |
| VHT80, M0.2 to M9.2    | 3        | 6.00                          | -74.99              | -74.91              | -74.56              |                     |                     |                     |                     |                     | -64.04      | -41.25                  | 22.79       |
| VHT80, M0.3 to M9.3    | 3        | 6.00                          | -74.97              | -74.47              | -75.21              |                     |                     |                     |                     |                     | -64.10      | -41.25                  | 22.85       |
| VHT80, M0.1 to M9.1    | 4        | 6.00                          | -74.70              | -74.83              | -74.88              | -75.03              |                     |                     |                     |                     | -62.84      | -41.25                  | 21.59       |
| VHT80, M0.2 to M9.2    | 4        | 6.00                          | -75.33              | -74.93              | -74.52              | -75.21              |                     |                     |                     |                     | -62.96      | -41.25                  | 21.71       |
| VHT80, M0.3 to M9.3    | 4        | 6.00                          | -75.29              | -74.89              | -74.73              | -74.86              |                     |                     |                     |                     | -62.91      | -41.25                  | 21.66       |
| VHT80, M0.4 to M9.4    | 4        | 6.00                          | -74.41              | -74.87              | -75.11              | -74.60              |                     |                     |                     |                     | -62.72      | -41.25                  | 21.47       |
| VHT80, M0.1 to M9.1    | 6        | 6.00                          | -74.78              | -74.92              | -74.77              |                     | -75.11              | -74.52              | -74.73              |                     | -61.02      | -41.25                  | 19.77       |
| VHT80, M0.2 to M9.2    | 6        | 6.00                          | -75.02              | -74.41              | -74.36              |                     | -74.53              | -74.87              | -74.67              |                     | -60.85      | -41.25                  | 19.60       |
| VHT80, M0.3 to M9.3    | 6        | 6.00                          | -75.11              | -73.90              | -74.64              |                     | -75.00              | -74.72              | -74.53              |                     | -60.85      | -41.25                  | 19.60       |
| VHT80, M0.4 to M9.4    | 6        | 6.00                          | -74.67              | -74.93              | -75.03              |                     | -73.99              | -74.28              | -74.93              |                     | -60.84      | -41.25                  | 19.59       |
| VHT80, M0.5 to M9.5    | 6        | 6.00                          | -74.93              | -75.23              | -74.76              |                     | -74.12              | -74.91              | -74.65              |                     | -60.97      | -41.25                  | 19.72       |
| VHT80, M0.6 to M9.6    | 6        | 6.00                          | -74.55              | -74.85              | -75.13              |                     | -74.92              | -75.16              | -75.22              |                     | -61.18      | -41.25                  | 19.93       |
| VHT80, M0.1 to M9.1    | 8        | 6.00                          | -74.85              | -75.02              | -75.04              | -75.20              | -75.06              | -74.70              | -75.22              | -74.30              | -59.88      | -41.25                  | 18.63       |

|                     |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT80, M0.2 to M9.2 | 8 | 6.00  | -74.92 | -74.97 | -74.15 | -74.95 | -74.76 | -74.96 | -74.39 | -75.42 | -59.77 | -41.25 | 18.52 |
| VHT80, M0.3 to M9.3 | 8 | 6.00  | -74.77 | -74.55 | -75.08 | -74.69 | -74.63 | -75.06 | -73.81 | -74.66 | -59.61 | -41.25 | 18.36 |
| VHT80, M0.4 to M9.4 | 8 | 6.00  | -74.22 | -75.15 | -74.87 | -73.79 | -75.35 | -74.19 | -74.93 | -74.56 | -59.57 | -41.25 | 18.32 |
| VHT80, M0.5 to M9.5 | 8 | 6.00  | -74.80 | -74.22 | -75.00 | -75.06 | -75.00 | -75.02 | -74.65 | -74.63 | -59.76 | -41.25 | 18.51 |
| VHT80, M0.6 to M9.6 | 8 | 6.00  | -75.15 | -74.74 | -74.22 | -74.62 | -74.71 | -74.61 | -74.61 | -74.50 | -59.61 | -41.25 | 18.36 |
| VHT80, M0.7 to M9.7 | 8 | 6.00  | -74.55 | -74.99 | -75.18 | -74.62 | -74.54 | -75.06 | -74.83 | -74.97 | -59.81 | -41.25 | 18.56 |
| VHT80, M0.8 to M9.8 | 8 | 6.00  | -74.19 | -74.75 | -74.83 | -74.76 | -74.77 | -74.14 | -74.65 | -75.17 | -59.61 | -41.25 | 18.36 |
| VHT80, M0.1 to M9.1 | 2 | 9.01  | -75.23 | -74.71 |        |        |        |        |        |        | -62.94 | -41.25 | 21.69 |
| VHT80, M0.2 to M9.2 | 2 | 6.00  | -74.51 | -74.94 |        |        |        |        |        |        | -65.71 | -41.25 | 24.46 |
| VHT80, M0.1 to M9.1 | 3 | 10.77 | -74.46 | -75.04 | -74.11 |        |        |        |        |        | -58.98 | -41.25 | 17.73 |
| VHT80, M0.2 to M9.2 | 3 | 7.76  | -74.84 | -74.97 | -75.15 |        |        |        |        |        | -62.45 | -41.25 | 21.20 |
| VHT80, M0.3 to M9.3 | 3 | 6.00  | -75.09 | -74.65 | -75.17 |        |        |        |        |        | -64.19 | -41.25 | 22.94 |
| VHT80, M0.1 to M9.1 | 4 | 12.02 | -74.73 | -74.79 | -74.38 | -74.18 |        |        |        |        | -56.47 | -41.25 | 15.22 |
| VHT80, M0.2 to M9.2 | 4 | 9.01  | -74.63 | -74.58 | -74.85 | -74.63 |        |        |        |        | -59.64 | -41.25 | 18.39 |
| VHT80, M0.3 to M9.3 | 4 | 7.25  | -74.35 | -74.66 | -75.29 | -74.08 |        |        |        |        | -61.30 | -41.25 | 20.05 |
| VHT80, M0.4 to M9.4 | 4 | 6.00  | -74.45 | -74.53 | -74.97 | -74.97 |        |        |        |        | -62.70 | -41.25 | 21.45 |
| VHT80, M0.1 to M9.1 | 6 | 13.78 | -74.23 | -74.54 | -74.59 |        | -73.86 | -74.46 | -74.25 |        | -52.75 | -41.25 | 11.50 |
| VHT80, M0.2 to M9.2 | 6 | 10.77 | -74.55 | -75.07 | -74.95 |        | -74.96 | -75.05 | -75.02 |        | -56.38 | -41.25 | 15.13 |
| VHT80, M0.3 to M9.3 | 6 | 9.01  | -74.99 | -74.28 | -74.60 |        | -75.15 | -74.16 | -75.29 |        | -57.93 | -41.25 | 16.68 |
| VHT80, M0.4 to M9.4 | 6 | 7.76  | -74.94 | -74.92 | -74.48 |        | -75.37 | -75.23 | -75.14 |        | -59.46 | -41.25 | 18.21 |
| VHT80, M0.5 to M9.5 | 6 | 6.79  | -75.05 | -74.47 | -75.13 |        | -75.11 | -74.75 | -75.01 |        | -60.34 | -41.25 | 19.09 |
| VHT80, M0.6 to M9.6 | 6 | 6.00  | -75.03 | -74.89 | -75.05 |        | -74.69 | -75.24 | -74.93 |        | -61.19 | -41.25 | 19.94 |
| VHT80, M0.1 to M9.1 | 8 | 15.03 | -74.62 | -74.50 | -74.23 | -74.90 | -75.03 | -75.06 | -75.00 | -75.11 | -50.74 | -41.25 | 9.49  |
| VHT80, M0.2 to M9.2 | 8 | 12.02 | -75.02 | -74.81 | -74.06 | -74.71 | -74.78 | -75.20 | -74.46 | -74.75 | -53.66 | -41.25 | 12.41 |
| VHT80, M0.3 to M9.3 | 8 | 10.26 | -74.53 | -74.92 | -74.73 | -75.14 | -74.65 | -74.04 | -75.51 | -74.28 | -55.41 | -41.25 | 14.16 |
| VHT80, M0.4 to M9.4 | 8 | 9.01  | -75.31 | -74.99 | -74.36 | -74.90 | -74.19 | -74.94 | -75.18 | -74.81 | -56.78 | -41.25 | 15.53 |
| VHT80, M0.5 to M9.5 | 8 | 8.04  | -74.90 | -74.95 | -74.96 | -75.26 | -74.84 | -75.09 | -74.86 | -74.25 | -57.81 | -41.25 | 16.56 |
| VHT80, M0.6 to M9.6 | 8 | 7.25  | -74.50 | -74.88 | -74.71 | -74.36 | -74.80 | -75.29 | -74.79 | -74.89 | -58.49 | -41.25 | 17.24 |

|                     |   |      |        |        |        |        |        |        |        |        |        |        |       |
|---------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT80, M0.7 to M9.7 | 8 | 6.58 | -74.59 | -74.79 | -75.43 | -74.36 | -74.23 | -74.80 | -75.03 | -74.93 | -59.14 | -41.25 | 17.89 |
| VHT80, M0.8 to M9.8 | 8 | 6.00 | -74.92 | -74.90 | -75.04 | -74.71 | -75.23 | -75.11 | -74.54 | -74.66 | -59.85 | -41.25 | 18.60 |
| VHT80, M0 to M9     | 2 | 6.00 | -73.91 | -74.84 |        |        |        |        |        |        | -65.34 | -41.25 | 24.09 |
| VHT80, M0 to M9     | 3 | 6.00 | -75.03 | -74.79 | -74.47 |        |        |        |        |        | -63.99 | -41.25 | 22.74 |
| VHT80, M0 to M9     | 4 | 6.00 | -75.04 | -74.02 | -74.79 | -74.85 |        |        |        |        | -62.64 | -41.25 | 21.39 |
| VHT80, M0 to M9     | 6 | 6.00 | -75.35 | -74.91 | -75.03 |        | -74.35 | -74.51 | -75.16 |        | -61.09 | -41.25 | 19.84 |
| VHT80, M0 to M9     | 8 | 6.00 | -75.16 | -74.38 | -75.26 | -74.61 | -74.86 | -74.98 | -75.03 | -75.14 | -59.89 | -41.25 | 18.64 |
| HE80, M0.1 to M11.1 | 1 | 6.00 | -74.93 |        |        |        |        |        |        |        | -68.93 | -41.25 | 27.68 |
| HE80, M0.1 to M11.1 | 2 | 6.00 | -74.84 | -75.06 |        |        |        |        |        |        | -65.94 | -41.25 | 24.69 |
| HE80, M0.2 to M11.2 | 2 | 6.00 | -74.91 | -73.76 |        |        |        |        |        |        | -65.29 | -41.25 | 24.04 |
| HE80, M0.1 to M11.1 | 3 | 6.00 | -74.11 | -75.15 | -74.84 |        |        |        |        |        | -63.91 | -41.25 | 22.66 |
| HE80, M0.2 to M11.2 | 3 | 6.00 | -74.45 | -74.85 | -74.94 |        |        |        |        |        | -63.97 | -41.25 | 22.72 |
| HE80, M0.3 to M11.3 | 3 | 6.00 | -75.17 | -75.31 | -74.69 |        |        |        |        |        | -64.28 | -41.25 | 23.03 |
| HE80, M0.1 to M11.1 | 4 | 6.00 | -74.60 | -74.80 | -74.67 | -74.89 |        |        |        |        | -62.72 | -41.25 | 21.47 |
| HE80, M0.2 to M11.2 | 4 | 6.00 | -74.62 | -74.74 | -74.30 | -75.16 |        |        |        |        | -62.67 | -41.25 | 21.42 |
| HE80, M0.3 to M11.3 | 4 | 6.00 | -73.64 | -74.55 | -75.07 | -74.65 |        |        |        |        | -62.43 | -41.25 | 21.18 |
| HE80, M0.4 to M11.4 | 4 | 6.00 | -74.96 | -74.65 | -74.34 | -74.94 |        |        |        |        | -62.69 | -41.25 | 21.44 |
| HE80, M0.1 to M11.1 | 6 | 6.00 | -74.44 | -75.09 | -74.47 |        | -75.04 | -74.45 | -74.69 |        | -60.91 | -41.25 | 19.66 |
| HE80, M0.2 to M11.2 | 6 | 6.00 | -74.33 | -74.20 | -74.34 |        | -74.67 | -74.57 | -75.26 |        | -60.77 | -41.25 | 19.52 |
| HE80, M0.3 to M11.3 | 6 | 6.00 | -74.94 | -74.55 | -74.91 |        | -74.51 | -74.41 | -75.03 |        | -60.94 | -41.25 | 19.69 |
| HE80, M0.4 to M11.4 | 6 | 6.00 | -75.00 | -74.91 | -74.86 |        | -74.14 | -74.83 | -75.32 |        | -61.05 | -41.25 | 19.80 |
| HE80, M0.5 to M11.5 | 6 | 6.00 | -74.59 | -74.09 | -75.46 |        | -75.19 | -74.97 | -74.25 |        | -60.95 | -41.25 | 19.70 |
| HE80, M0.6 to M11.6 | 6 | 6.00 | -75.15 | -75.07 | -74.24 |        | -74.72 | -75.08 | -74.82 |        | -61.05 | -41.25 | 19.80 |
| HE80, M0.1 to M11.1 | 8 | 6.00 | -74.33 | -75.24 | -74.57 | -74.96 | -75.07 | -75.14 | -75.10 | -75.11 | -59.90 | -41.25 | 18.65 |
| HE80, M0.2 to M11.2 | 8 | 6.00 | -74.37 | -75.27 | -75.06 | -74.92 | -75.24 | -75.04 | -74.05 | -74.67 | -59.78 | -41.25 | 18.53 |
| HE80, M0.3 to M11.3 | 8 | 6.00 | -74.98 | -75.17 | -74.71 | -74.41 | -74.40 | -74.53 | -75.11 | -74.99 | -59.75 | -41.25 | 18.50 |
| HE80, M0.4 to M11.4 | 8 | 6.00 | -74.47 | -74.67 | -74.40 | -74.88 | -74.66 | -74.95 | -74.90 | -74.73 | -59.67 | -41.25 | 18.42 |
| HE80, M0.5 to M11.5 | 8 | 6.00 | -74.49 | -74.89 | -74.47 | -74.90 | -75.24 | -74.93 | -74.46 | -75.18 | -59.78 | -41.25 | 18.53 |



|                        |   |       |        |        |        |        |        |        |        |        |        |        |       |
|------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE80, M0.6 to M11.6    | 8 | 6.00  | -75.65 | -74.99 | -74.46 | -74.65 | -75.03 | -74.78 | -74.97 | -74.38 | -59.82 | -41.25 | 18.57 |
| HE80, M0.7 to M11.7    | 8 | 6.00  | -74.83 | -74.93 | -74.41 | -75.16 | -74.96 | -75.40 | -74.92 | -74.90 | -59.90 | -41.25 | 18.65 |
| HE80, M0.8 to M11.8    | 8 | 6.00  | -74.79 | -74.40 | -75.09 | -74.83 | -75.26 | -74.97 | -73.81 | -74.53 | -59.66 | -41.25 | 18.41 |
| HE80, M0.1 to M11.1-BF | 2 | 9.01  | -75.27 | -75.16 |        |        |        |        |        |        | -63.19 | -41.25 | 21.94 |
| HE80, M0.2 to M11.2-BF | 2 | 6.00  | -74.58 | -75.01 |        |        |        |        |        |        | -65.78 | -41.25 | 24.53 |
| HE80, M0.1 to M11.1-BF | 3 | 10.77 | -74.89 | -74.70 | -74.93 |        |        |        |        |        | -59.30 | -41.25 | 18.05 |
| HE80, M0.2 to M11.2-BF | 3 | 7.76  | -74.72 | -75.32 | -75.19 |        |        |        |        |        | -62.54 | -41.25 | 21.29 |
| HE80, M0.3 to M11.3-BF | 3 | 6.00  | -75.15 | -74.31 | -74.38 |        |        |        |        |        | -63.82 | -41.25 | 22.57 |
| HE80, M0.1 to M11.1-BF | 4 | 12.02 | -74.44 | -74.76 | -75.05 | -75.11 |        |        |        |        | -56.79 | -41.25 | 15.54 |
| HE80, M0.2 to M11.2-BF | 4 | 9.01  | -74.99 | -74.66 | -74.84 | -74.41 |        |        |        |        | -59.69 | -41.25 | 18.44 |
| HE80, M0.3 to M11.3-BF | 4 | 7.25  | -75.09 | -74.46 | -75.07 | -74.69 |        |        |        |        | -61.55 | -41.25 | 20.30 |
| HE80, M0.4 to M11.4-BF | 4 | 6.00  | -74.87 | -74.91 | -74.98 | -73.96 |        |        |        |        | -62.64 | -41.25 | 21.39 |
| HE80, M0.1 to M11.1-BF | 6 | 13.78 | -74.48 | -74.79 | -74.98 |        | -74.92 | -74.44 | -74.63 |        | -53.14 | -41.25 | 11.89 |
| HE80, M0.2 to M11.2-BF | 6 | 10.77 | -74.42 | -74.94 | -75.10 |        | -73.85 | -74.80 | -74.74 |        | -56.07 | -41.25 | 14.82 |
| HE80, M0.3 to M11.3-BF | 6 | 9.01  | -74.83 | -74.96 | -74.88 |        | -75.25 | -74.96 | -74.63 |        | -58.12 | -41.25 | 16.87 |
| HE80, M0.4 to M11.4-BF | 6 | 7.76  | -75.01 | -74.55 | -75.09 |        | -74.84 | -75.03 | -74.24 |        | -59.24 | -41.25 | 17.99 |
| HE80, M0.5 to M11.5-BF | 6 | 6.79  | -74.98 | -74.40 | -74.40 |        | -74.97 | -75.14 | -74.68 |        | -60.18 | -41.25 | 18.93 |
| HE80, M0.6 to M11.6-BF | 6 | 6.00  | -74.25 | -74.80 | -75.05 |        | -75.13 | -74.83 | -74.27 |        | -60.93 | -41.25 | 19.68 |
| HE80, M0.1 to M11.1-BF | 8 | 15.03 | -75.00 | -74.91 | -74.92 | -74.79 | -74.95 | -74.57 | -74.85 | -75.19 | -50.83 | -41.25 | 9.58  |
| HE80, M0.2 to M11.2-BF | 8 | 12.02 | -75.05 | -73.88 | -74.37 | -75.19 | -74.52 | -74.41 | -74.66 | -75.22 | -53.59 | -41.25 | 12.34 |
| HE80, M0.3 to M11.3-BF | 8 | 10.26 | -74.31 | -74.49 | -75.07 | -74.78 | -74.83 | -75.28 | -74.70 | -74.19 | -55.40 | -41.25 | 14.15 |
| HE80, M0.4 to M11.4-BF | 8 | 9.01  | -74.91 | -74.43 | -75.18 | -74.28 | -74.94 | -74.51 | -74.09 | -74.61 | -56.56 | -41.25 | 15.31 |
| HE80, M0.5 to M11.5-BF | 8 | 8.04  | -75.11 | -75.16 | -73.79 | -74.89 | -74.99 | -74.97 | -75.20 | -75.30 | -57.83 | -41.25 | 16.58 |
| HE80, M0.6 to M11.6-BF | 8 | 7.25  | -74.69 | -75.04 | -75.07 | -75.05 | -74.77 | -74.80 | -74.99 | -74.41 | -58.57 | -41.25 | 17.32 |
| HE80, M0.7 to M11.7-BF | 8 | 6.58  | -74.67 | -74.40 | -74.73 | -74.08 | -75.12 | -74.77 | -74.85 | -74.38 | -59.00 | -41.25 | 17.75 |
| HE80, M0.8 to M11.8-BF | 8 | 6.00  | -74.90 | -75.02 | -75.29 | -74.96 | -74.87 | -75.18 | -75.11 | -75.05 | -60.01 | -41.25 | 18.76 |
| HE80, M0 to M11-STBC   | 2 | 6.00  | -74.43 | -74.96 |        |        |        |        |        |        | -65.68 | -41.25 | 24.43 |
| HE80, M0 to M11-STBC   | 3 | 6.00  | -75.14 | -74.90 | -74.63 |        |        |        |        |        | -64.11 | -41.25 | 22.86 |

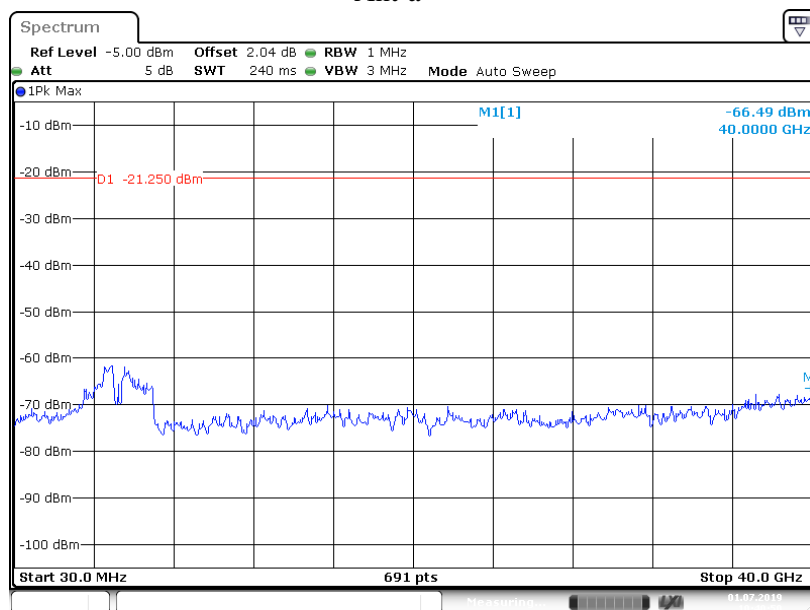
|                      |   |      |        |        |        |        |        |        |        |        |        |        |       |
|----------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE80, M0 to M11-STBC | 4 | 6.00 | -74.74 | -74.82 | -74.76 | -74.87 |        |        |        |        | -62.78 | -41.25 | 21.53 |
| HE80, M0 to M11-STBC | 6 | 6.00 | -74.72 | -74.91 | -75.11 |        | -75.02 | -74.99 | -74.94 |        | -61.17 | -41.25 | 19.92 |
| HE80, M0 to M11-STBC | 8 | 6.00 | -74.58 | -74.22 | -74.86 | -75.29 | -74.69 | -74.63 | -74.68 | -74.83 | -59.68 | -41.25 | 18.43 |

Please refer to the following plots for the worst case configuration

Peak

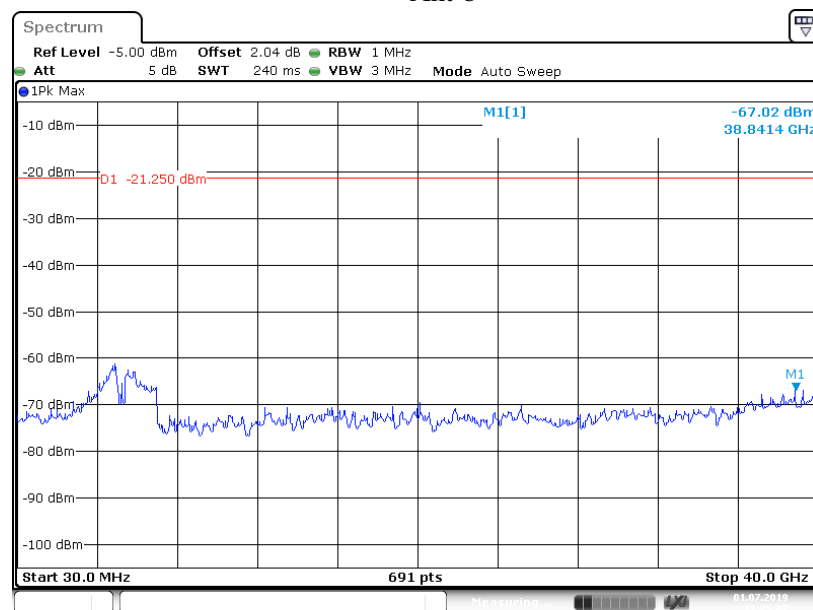
5240MHz HT/VHT 20, M0 to M7, M0.1 to M8.1-BF

Ant-a



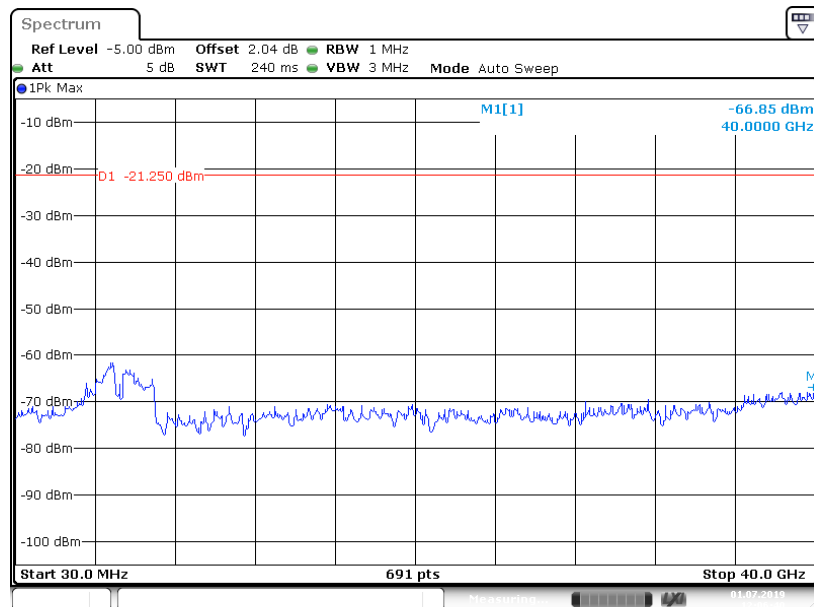
Date: 1 JUL 2019 10:40:50

Ant-b



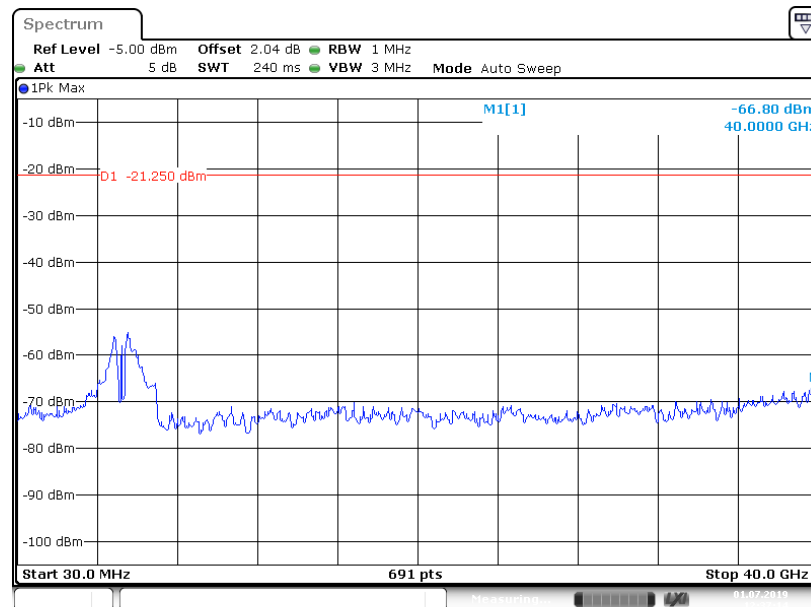
Date: 1 JUL 2019 11:25:08

Ant-c



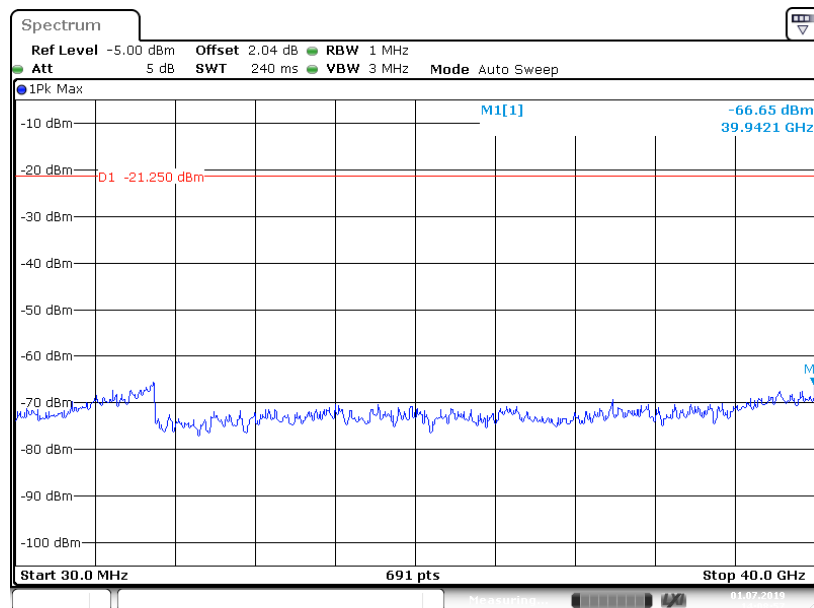
Date: 1.JUL.2019 12:06:40

Ant-d



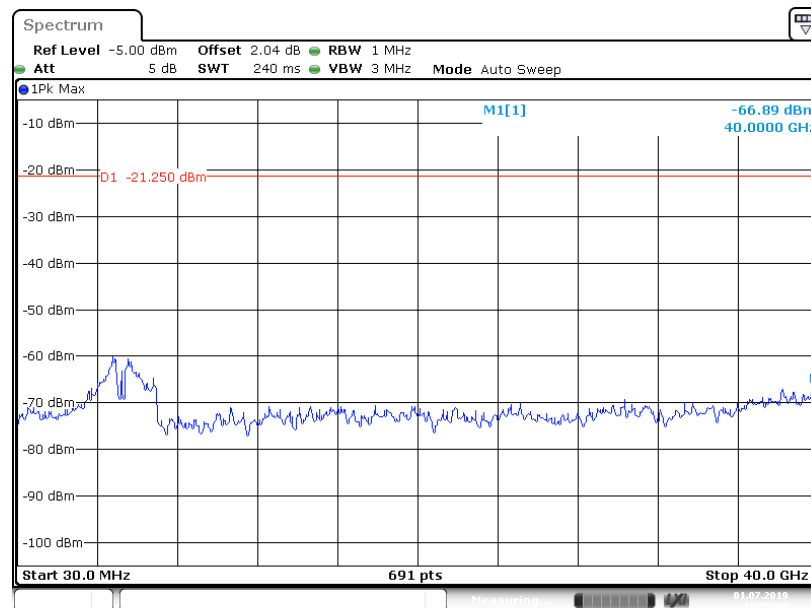
Date: 1.JUL.2019 12:37:14

Ant-e



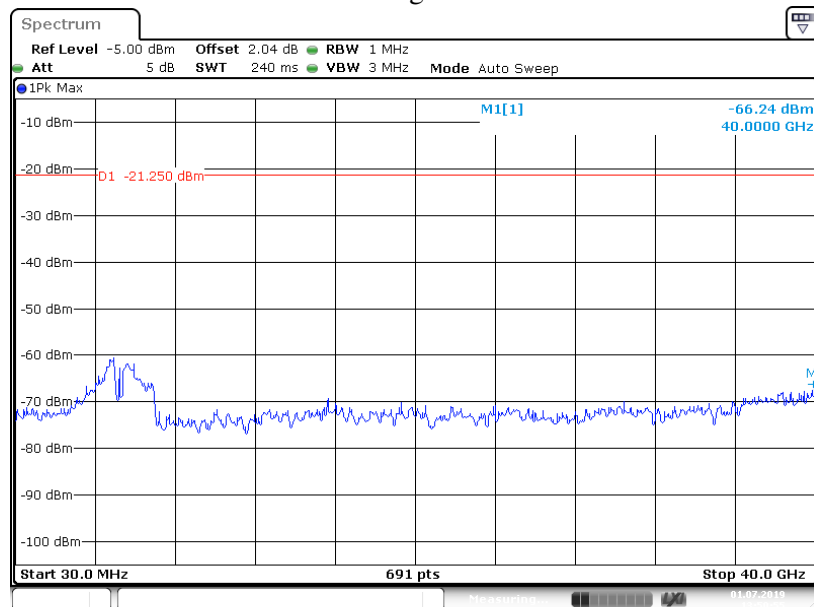
Date: 1.JUL.2019 14:08:58

Ant-f



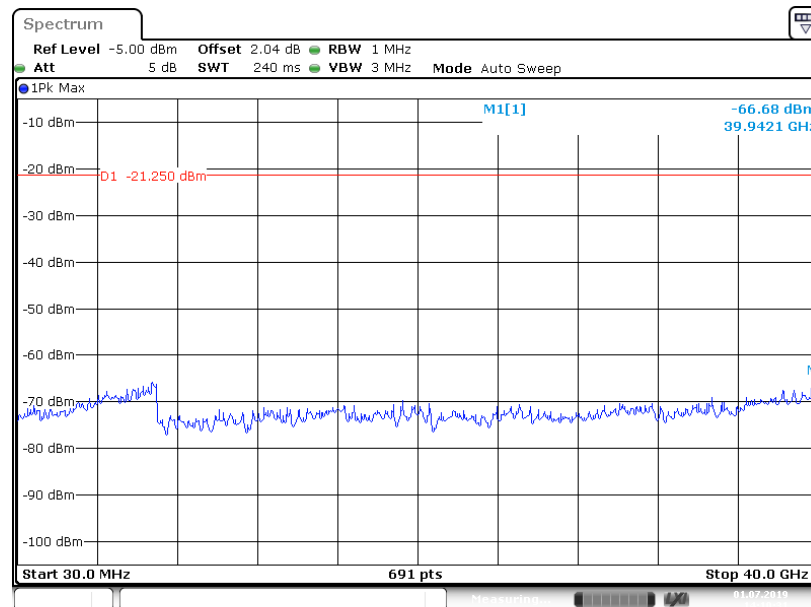
Date: 1.JUL.2019 13:25:50

Ant-g



Date: 1.JUL.2019 13:50:55

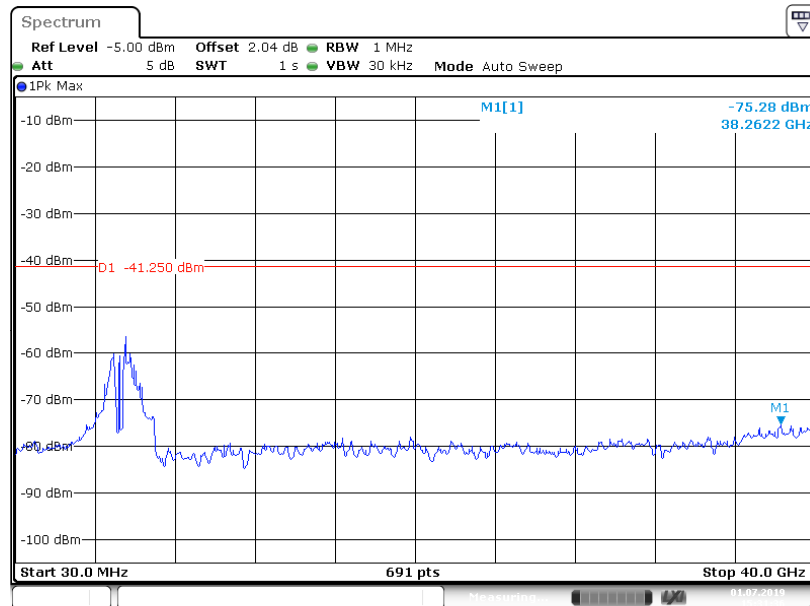
Ant-h



Date: 1.JUL.2019 14:10:32

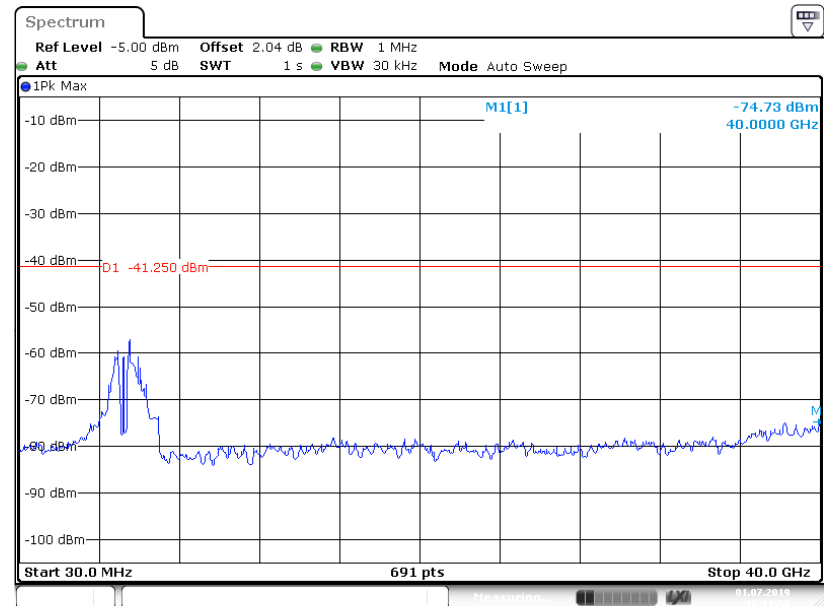
Average  
5190MHz HT/VHT40, M0 to M7, M0.1 to M9.1-BF

Ant-a



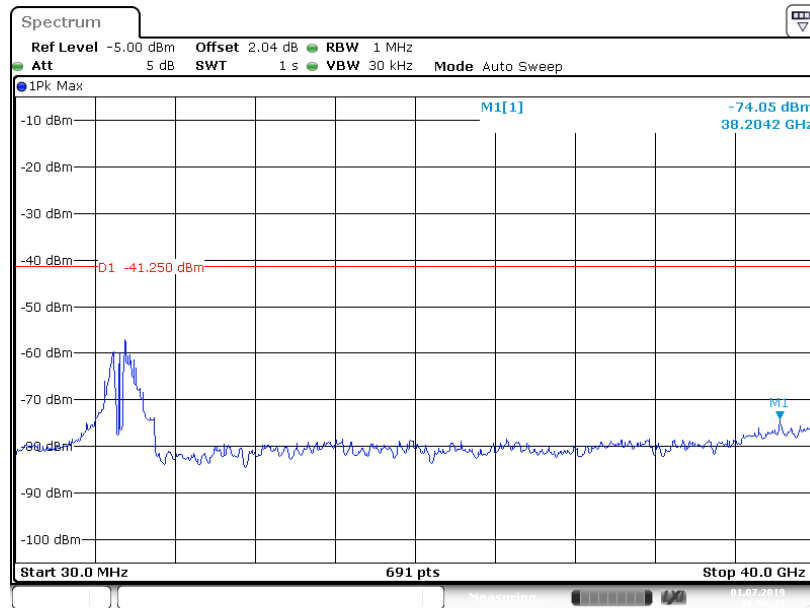
Date: 1.JUL.2019 15:31:36

Ant-b



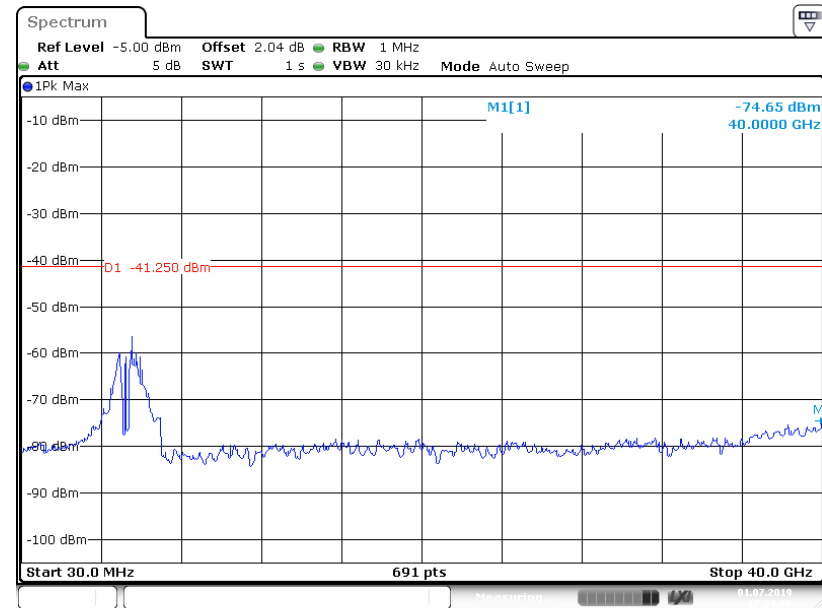
Date: 1.JUL.2019 16:11:58

Ant-c



Date: 1.JUL.2019 16:50:23

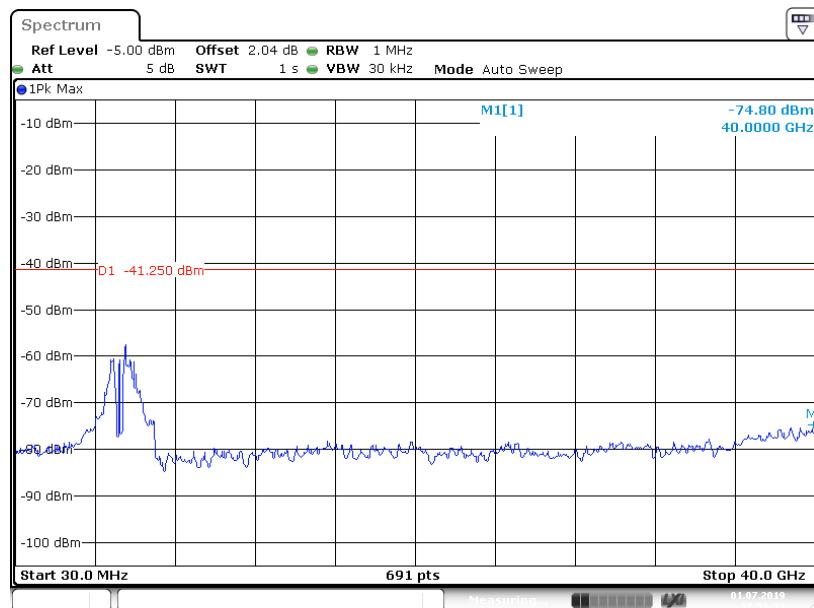
Ant-d



Date: 1.JUL.2019 17:24:06

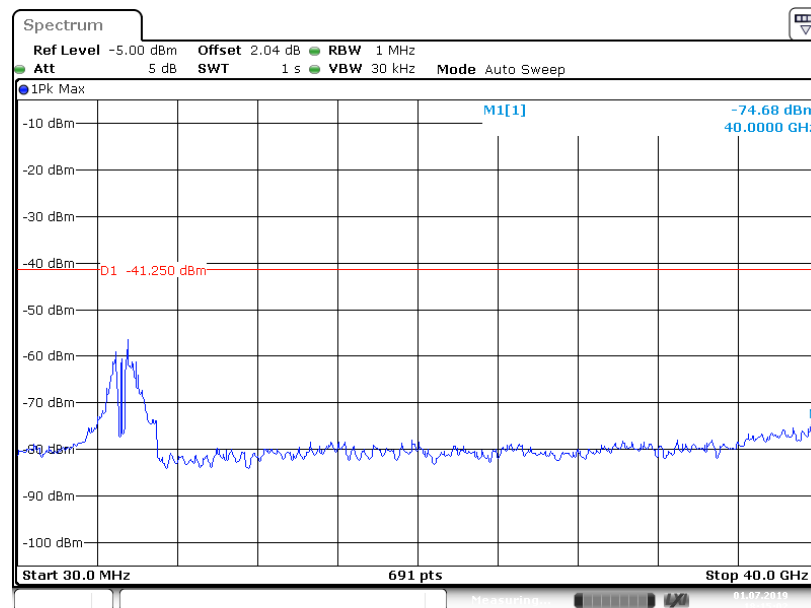


Ant-e



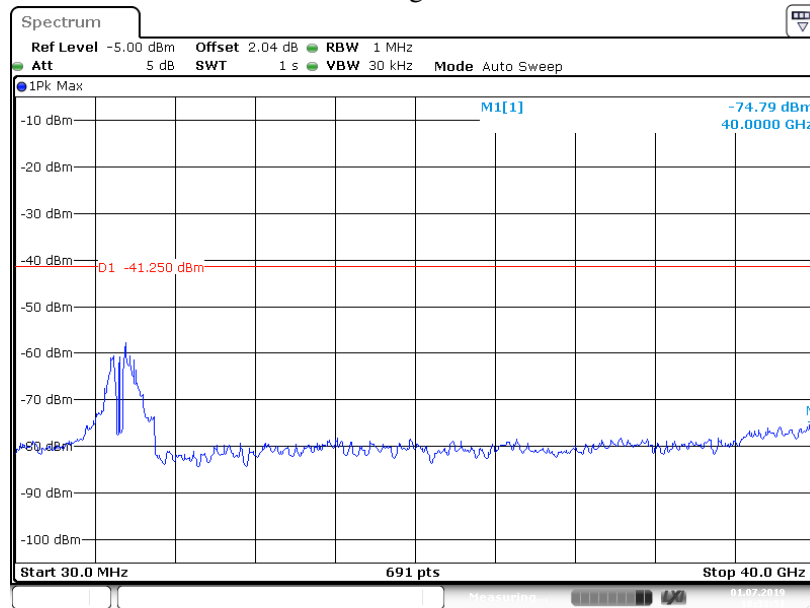
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Ant-f



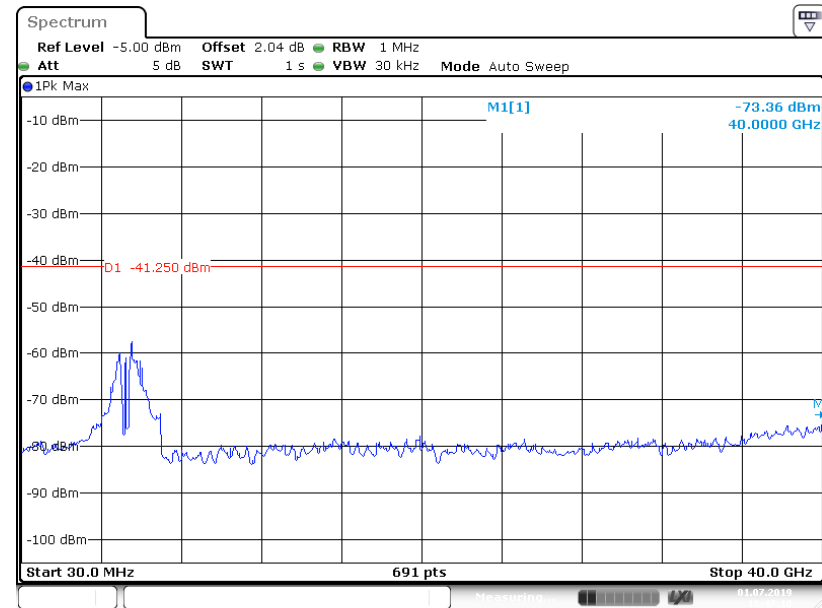
Date: 1.JUL.2019 18:15:02

Ant-g



Date: 1.JUL.2019 18:33:51

Ant-h



Date: 1.JUL.2019 18:47:11

**Test results for Band-edge  
5180 MHz (Peak):**

| Mode                               | Tx paths | correlated antenna gain (dBi) | Tx 1 Band-edge (dBm) | Tx 2 Band-edge (dBm) | Tx 3 Band-edge (dBm) | Tx 4 Band-edge (dBm) | Tx 5 Band-edge (dBm) | Tx 6 Band-edge (dBm) | Tx 7 Band-edge (dBm) | Tx 8 Band-edge (dBm) | Total (dBm)   | FCC Peak Limit (dBm) | Margin (dB) |
|------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------|----------------------|-------------|
| non HT20, 6 to 54 Mbps             | 1        | 6.00                          | -34.16               |                      |                      |                      |                      |                      |                      |                      | -28.16        | -21.25               | 6.91        |
| non HT20, 6 to 54 Mbps             | 2        | 6.00                          | -37.76               | -41.55               |                      |                      |                      |                      |                      |                      | -30.24        | -21.25               | 8.99        |
| non HT20, 6 to 54 Mbps             | 3        | 6.00                          | -40.31               | -39.28               | -42.01               |                      |                      |                      |                      |                      | -29.62        | -21.25               | 8.37        |
| non HT20, 6 to 54 Mbps             | 4        | 6.00                          | -38.44               | -41.74               | -39.68               | -40.70               |                      |                      |                      |                      | -27.95        | -21.25               | 6.70        |
| non HT20, 6 to 54 Mbps             | 6        | 9.00                          | -38.81               | -39.76               | -42.53               |                      | -38.57               | -38.83               | -37.81               |                      | -22.38        | -21.25               | 1.13        |
| non HT20, 6 to 54 Mbps             | 8        | 9.00                          | -39.45               | -37.38               | -42.50               | -39.60               | -43.94               | -37.45               | -49.74               | -41.27               | -22.15        | -21.25               | 0.90        |
| non HT20, 6 to 54 Mbps-BF          | 2        | 9.01                          | -39.48               | -38.66               |                      |                      |                      |                      |                      |                      | -27.03        | -21.25               | 5.78        |
| non HT20, 6 to 54 Mbps-BF          | 3        | 10.77                         | -38.42               | -40.75               | -41.66               |                      |                      |                      |                      |                      | -24.51        | -21.25               | 3.26        |
| <b>non HT20, 6 to 54 Mbps-BF</b>   | <b>4</b> | <b>12.02</b>                  | <b>-38.27</b>        | <b>-38.03</b>        | <b>-40.56</b>        | <b>-47.42</b>        |                      |                      |                      |                      | <b>-21.83</b> | <b>-21.25</b>        | <b>0.58</b> |
| non HT20, 6 to 54 Mbps-BF          | 6        | 13.78                         | -49.29               | -47.35               | -49.62               |                      | -50.79               | -48.67               | -48.42               |                      | -27.33        | -21.25               | 6.08        |
| non HT20, 6 to 54 Mbps-BF          | 8        | 15.03                         | -48.35               | -51.44               | -51.38               | -51.41               | -48.73               | -50.69               | -46.95               | -50.91               | -25.60        | -21.25               | 4.35        |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 1        | 6.00                          | -47.37               |                      |                      |                      |                      |                      |                      |                      | -41.37        | -21.25               | 20.12       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 2        | 6.00                          | -47.24               | -49.13               |                      |                      |                      |                      |                      |                      | -39.07        | -21.25               | 17.82       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 2        | 6.00                          | -46.84               | -49.61               |                      |                      |                      |                      |                      |                      | -39.00        | -21.25               | 17.75       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 3        | 6.00                          | -48.28               | -48.56               | -48.02               |                      |                      |                      |                      |                      | -37.51        | -21.25               | 16.26       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 3        | 6.00                          | -47.62               | -48.60               | -47.52               |                      |                      |                      |                      |                      | -37.11        | -21.25               | 15.86       |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 3        | 6.00                          | -46.65               | -46.59               | -48.04               |                      |                      |                      |                      |                      | -36.27        | -21.25               | 15.02       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 4        | 6.00                          | -48.45               | -47.88               | -50.14               | -49.17               |                      |                      |                      |                      | -36.81        | -21.25               | 15.56       |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 4        | 6.00                          | -48.74               | -49.02               | -50.86               | -49.01               |                      |                      |                      |                      | -37.31        | -21.25               | 16.06       |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 4        | 6.00                          | -47.10               | -48.17               | -48.40               | -49.07               |                      |                      |                      |                      | -36.10        | -21.25               | 14.85       |
| HT/VHT20, M24 to M31, M0.4 to M8.4 | 4        | 6.00                          | -48.92               | -48.57               | -48.29               | -48.87               |                      |                      |                      |                      | -36.63        | -21.25               | 15.38       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 6        | 9.00                          | -48.66               | -46.94               | -50.52               |                      | -46.34               | -46.44               | -48.21               |                      | -30.84        | -21.25               | 9.59        |

|                                        |   |       |        |        |        |        |        |        |        |        |        |        |       |
|----------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HT/VHT20, M8 to M15, M0.2 to M8.2      | 6 | 8.39  | -48.55 | -47.05 | -49.90 |        | -48.30 | -45.93 | -47.04 |        | -31.44 | -21.25 | 10.19 |
| HT/VHT20, M16 to M23, M0.3 to M8.3     | 6 | 7.51  | -47.87 | -46.98 | -49.94 |        | -44.98 | -44.11 | -45.89 |        | -30.94 | -21.25 | 9.69  |
| HT/VHT20, M24 to M31, M0.4 to M8.4     | 6 | 6.88  | -46.74 | -48.43 | -50.20 |        | -48.58 | -44.52 | -45.14 |        | -32.15 | -21.25 | 10.90 |
| VHT20, M0.5 to M8.5                    | 6 | 6.40  | -47.72 | -48.68 | -48.47 |        | -48.52 | -45.13 | -51.80 |        | -33.77 | -21.25 | 12.52 |
| VHT20, M0.6 to M8.6                    | 6 | 6.00  | -48.32 | -48.96 | -49.60 |        | -47.78 | -46.84 | -48.29 |        | -34.43 | -21.25 | 13.18 |
| HT/VHT20, M0 to M7, M0.1 to M8.1       | 8 | 9.00  | -47.25 | -47.75 | -48.02 | -46.90 | -45.08 | -44.15 | -47.38 | -48.02 | -28.56 | -21.25 | 7.31  |
| HT/VHT20, M8 to M15, M0.2 to M8.2      | 8 | 9.00  | -47.08 | -49.09 | -48.80 | -49.04 | -47.64 | -47.76 | -47.24 | -49.33 | -30.13 | -21.25 | 8.88  |
| HT/VHT20, M16 to M23, M0.3 to M8.3     | 8 | 8.13  | -46.06 | -48.51 | -49.03 | -49.52 | -46.22 | -47.17 | -46.52 | -49.01 | -30.40 | -21.25 | 9.15  |
| HT/VHT20, M24 to M31, M0.4 to M8.4     | 8 | 7.51  | -48.36 | -48.72 | -47.97 | -48.29 | -46.32 | -46.63 | -46.44 | -48.79 | -31.04 | -21.25 | 9.79  |
| VHT20, M0.5 to M8.5                    | 8 | 7.02  | -48.13 | -48.40 | -48.70 | -49.66 | -45.86 | -46.48 | -48.01 | -48.45 | -31.75 | -21.25 | 10.50 |
| VHT20, M0.6 to M8.6                    | 8 | 6.62  | -47.68 | -48.34 | -48.57 | -47.94 | -46.23 | -46.90 | -43.10 | -48.46 | -31.09 | -21.25 | 9.84  |
| VHT20, M0.7 to M8.7                    | 8 | 6.29  | -48.89 | -47.28 | -48.55 | -49.06 | -46.30 | -47.50 | -45.58 | -48.10 | -32.18 | -21.25 | 10.93 |
| VHT20, M0.8 to M8.8                    | 8 | 6.00  | -46.82 | -47.25 | -48.56 | -47.83 | -45.69 | -46.28 | -45.06 | -48.36 | -31.79 | -21.25 | 10.54 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 2 | 9.01  | -48.81 | -47.28 |        |        |        |        |        |        | -35.96 | -21.25 | 14.71 |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 2 | 6.00  | -48.92 | -46.38 |        |        |        |        |        |        | -38.45 | -21.25 | 17.20 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 3 | 10.77 | -47.52 | -47.23 | -48.36 |        |        |        |        |        | -32.14 | -21.25 | 10.89 |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 3 | 7.76  | -48.00 | -47.61 | -48.58 |        |        |        |        |        | -35.51 | -21.25 | 14.26 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 3 | 6.00  | -48.61 | -46.18 | -49.46 |        |        |        |        |        | -37.08 | -21.25 | 15.83 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 4 | 12.02 | -48.25 | -48.36 | -48.41 | -47.65 |        |        |        |        | -30.11 | -21.25 | 8.86  |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 4 | 9.01  | -48.78 | -48.29 | -48.61 | -48.26 |        |        |        |        | -33.45 | -21.25 | 12.20 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 4 | 7.25  | -48.42 | -47.97 | -48.24 | -48.90 |        |        |        |        | -35.10 | -21.25 | 13.85 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF  | 4 | 6.00  | -48.09 | -48.20 | -46.98 | -49.25 |        |        |        |        | -36.04 | -21.25 | 14.79 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 6 | 13.78 | -51.76 | -50.49 | -52.78 |        | -52.95 | -52.88 | -44.64 |        | -28.06 | -21.25 | 6.81  |
| HT/VHT20, M8 to M15, M0.2 to M8.2 -BF  | 6 | 10.77 | -47.91 | -49.22 | -47.97 |        | -48.61 | -47.53 | -43.00 |        | -28.24 | -21.25 | 6.99  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 6 | 9.01  | -48.19 | -48.32 | -49.10 |        | -49.51 | -47.84 | -46.18 |        | -31.26 | -21.25 | 10.01 |
| HT/VHT20, M24 to M31, M0.4 to M8.4 -BF | 6 | 7.76  | -47.82 | -47.31 | -48.92 |        | -49.45 | -47.38 | -52.02 |        | -33.01 | -21.25 | 11.76 |
| VHT20, M0.5 to M8.5-BF                 | 6 | 6.79  | -47.98 | -46.99 | -47.73 |        | -44.38 | -48.28 | -45.43 |        | -31.98 | -21.25 | 10.73 |
| VHT20, M0.6 to M8.6-BF                 | 6 | 6.00  | -49.04 | -49.59 | -47.40 |        | -48.23 | -47.27 | -44.93 |        | -33.68 | -21.25 | 12.43 |

|                                       |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF   | 8 | 15.03 | -51.38 | -53.01 | -52.81 | -51.96 | -53.37 | -53.01 | -45.78 | -53.15 | -26.86 | -21.25 | 5.61  |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 8 | 12.02 | -49.39 | -50.80 | -50.14 | -49.65 | -50.73 | -49.91 | -44.29 | -51.49 | -27.83 | -21.25 | 6.58  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 8 | 10.26 | -47.29 | -47.35 | -50.46 | -47.92 | -47.64 | -47.46 | -45.00 | -48.09 | -28.14 | -21.25 | 6.89  |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 8 | 9.01  | -48.43 | -48.55 | -49.75 | -49.43 | -47.01 | -47.82 | -45.98 | -48.53 | -29.99 | -21.25 | 8.74  |
| VHT20, M0.5 to M8.5-BF                | 8 | 8.04  | -47.89 | -48.67 | -50.15 | -48.23 | -45.83 | -46.96 | -38.30 | -47.20 | -27.68 | -21.25 | 6.43  |
| VHT20, M0.6 to M8.6-BF                | 8 | 7.25  | -45.99 | -47.45 | -49.42 | -47.67 | -45.97 | -48.27 | -50.68 | -48.75 | -31.49 | -21.25 | 10.24 |
| VHT20, M0.7 to M8.7-BF                | 8 | 6.58  | -46.75 | -47.76 | -49.49 | -47.86 | -45.88 | -46.76 | -47.63 | -47.45 | -31.73 | -21.25 | 10.48 |
| VHT20, M0.8 to M8.8-BF                | 8 | 6.00  | -48.30 | -47.00 | -48.98 | -48.21 | -47.65 | -46.94 | -47.77 | -49.04 | -32.89 | -21.25 | 11.64 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 2 | 6.00  | -48.27 | -47.96 |        |        |        |        |        |        | -39.10 | -21.25 | 17.85 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 3 | 6.00  | -48.24 | -47.96 | -48.29 |        |        |        |        |        | -37.39 | -21.25 | 16.14 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 4 | 6.00  | -48.49 | -48.31 | -48.69 | -47.92 |        |        |        |        | -36.32 | -21.25 | 15.07 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 6 | 6.00  | -48.02 | -48.90 | -47.88 |        | -46.77 | -47.51 | -47.83 |        | -33.99 | -21.25 | 12.74 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 8 | 6.00  | -49.58 | -50.88 | -50.20 | -49.60 | -51.80 | -50.56 | -48.06 | -49.97 | -34.92 | -21.25 | 13.67 |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | -41.77 |        |        |        |        |        |        |        | -35.77 | -21.25 | 14.52 |
| HE20, M0.1 to M11.1                   | 2 | 6.00  | -46.93 | -46.23 |        |        |        |        |        |        | -37.56 | -21.25 | 16.31 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | -46.20 | -44.00 |        |        |        |        |        |        | -35.95 | -21.25 | 14.70 |
| HE20, M0.1 to M11.1                   | 3 | 6.00  | -43.99 | -42.55 | -46.94 |        |        |        |        |        | -33.36 | -21.25 | 12.11 |
| HE20, M0.2 to M11.2                   | 3 | 6.00  | -43.90 | -43.74 | -47.74 |        |        |        |        |        | -34.01 | -21.25 | 12.76 |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | -45.80 | -45.83 | -45.28 |        |        |        |        |        | -34.86 | -21.25 | 13.61 |
| HE20, M0.1 to M11.1                   | 4 | 6.00  | -45.40 | -45.73 | -48.11 | -45.67 |        |        |        |        | -34.08 | -21.25 | 12.83 |
| HE20, M0.2 to M11.2                   | 4 | 6.00  | -44.70 | -44.33 | -48.32 | -45.44 |        |        |        |        | -33.42 | -21.25 | 12.17 |
| HE20, M0.3 to M11.3                   | 4 | 6.00  | -46.74 | -44.61 | -46.40 | -46.61 |        |        |        |        | -33.98 | -21.25 | 12.73 |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | -42.08 | -45.82 | -47.85 | -46.42 |        |        |        |        | -32.95 | -21.25 | 11.70 |
| HE20, M0.1 to M11.1                   | 6 | 9.00  | -42.39 | -45.70 | -47.23 |        | -43.77 | -44.78 | -46.70 |        | -27.99 | -21.25 | 6.74  |
| HE20, M0.2 to M11.2                   | 6 | 8.39  | -45.14 | -44.04 | -44.32 |        | -44.36 | -43.32 | -48.15 |        | -28.48 | -21.25 | 7.23  |
| HE20, M0.3 to M11.3                   | 6 | 7.51  | -44.35 | -43.73 | -47.07 |        | -44.59 | -43.50 | -46.62 |        | -29.48 | -21.25 | 8.23  |
| HE20, M0.4 to M11.4                   | 6 | 6.88  | -46.62 | -45.72 | -47.31 |        | -44.80 | -41.17 | -48.47 |        | -30.31 | -21.25 | 9.06  |
| HE20, M0.5 to M11.5                   | 6 | 6.40  | -45.04 | -44.73 | -46.79 |        | -43.46 | -44.44 | -52.94 |        | -31.24 | -21.25 | 9.99  |

|                        |   |       |        |        |        |        |        |        |        |        |        |        |       |
|------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE20, M0.6 to M11.6    | 6 | 6.00  | -46.89 | -45.38 | -46.12 |        | -41.43 | -45.68 | -49.88 |        | -31.37 | -21.25 | 10.12 |
| HE20, M0.1 to M11.1    | 8 | 9.00  | -45.10 | -44.02 | -45.43 | -45.42 | -43.57 | -44.21 | -48.87 | -41.86 | -26.41 | -21.25 | 5.16  |
| HE20, M0.2 to M11.2    | 8 | 9.00  | -45.25 | -43.16 | -45.78 | -47.11 | -44.03 | -41.74 | -46.72 | -42.42 | -26.10 | -21.25 | 4.85  |
| HE20, M0.3 to M11.3    | 8 | 8.13  | -45.28 | -45.48 | -44.45 | -45.05 | -42.63 | -44.24 | -46.40 | -45.38 | -27.57 | -21.25 | 6.32  |
| HE20, M0.4 to M11.4    | 8 | 7.51  | -44.66 | -45.50 | -45.60 | -47.67 | -45.03 | -42.16 | -46.87 | -43.96 | -28.34 | -21.25 | 7.09  |
| HE20, M0.5 to M11.5    | 8 | 7.02  | -45.19 | -45.24 | -46.14 | -45.17 | -42.44 | -44.85 | -47.95 | -42.69 | -28.59 | -21.25 | 7.34  |
| HE20, M0.6 to M11.6    | 8 | 6.62  | -45.36 | -45.40 | -44.67 | -46.44 | -42.27 | -45.00 | -48.85 | -44.26 | -29.29 | -21.25 | 8.04  |
| HE20, M0.7 to M11.7    | 8 | 6.29  | -45.59 | -45.56 | -46.66 | -44.61 | -44.23 | -43.70 | -49.89 | -44.87 | -30.00 | -21.25 | 8.75  |
| HE20, M0.8 to M11.8    | 8 | 6.00  | -44.78 | -46.09 | -46.96 | -45.00 | -43.13 | -43.67 | -44.93 | -45.12 | -29.78 | -21.25 | 8.53  |
| HE20, M0.1 to M11.1-BF | 2 | 9.01  | -43.76 | -46.10 |        |        |        |        |        |        | -32.76 | -21.25 | 11.51 |
| HE20, M0.2 to M11.2-BF | 2 | 6.00  | -44.65 | -44.73 |        |        |        |        |        |        | -35.68 | -21.25 | 14.43 |
| HE20, M0.1 to M11.1-BF | 3 | 10.77 | -40.55 | -44.39 | -47.10 |        |        |        |        |        | -27.64 | -21.25 | 6.39  |
| HE20, M0.2 to M11.2-BF | 3 | 7.76  | -45.15 | -45.32 | -46.56 |        |        |        |        |        | -33.10 | -21.25 | 11.85 |
| HE20, M0.3 to M11.3-BF | 3 | 6.00  | -44.46 | -44.92 | -47.52 |        |        |        |        |        | -34.66 | -21.25 | 13.41 |
| HE20, M0.1 to M11.1-BF | 4 | 12.02 | -43.92 | -44.41 | -48.38 | -47.13 |        |        |        |        | -27.54 | -21.25 | 6.29  |
| HE20, M0.2 to M11.2-BF | 4 | 9.01  | -46.20 | -42.83 | -46.44 | -45.77 |        |        |        |        | -30.01 | -21.25 | 8.76  |
| HE20, M0.3 to M11.3-BF | 4 | 7.25  | -45.15 | -44.28 | -46.12 | -47.00 |        |        |        |        | -32.25 | -21.25 | 11.00 |
| HE20, M0.4 to M11.4-BF | 4 | 6.00  | -45.04 | -43.71 | -44.21 | -44.94 |        |        |        |        | -32.42 | -21.25 | 11.17 |
| HE20, M0.1 to M11.1-BF | 6 | 13.78 | -52.07 | -50.48 | -51.73 |        | -51.22 | -51.53 | -43.63 |        | -27.20 | -21.25 | 5.95  |
| HE20, M0.2 to M11.2-BF | 6 | 10.77 | -45.48 | -44.82 | -47.67 |        | -44.21 | -43.62 | -44.28 |        | -26.28 | -21.25 | 5.03  |
| HE20, M0.3 to M11.3-BF | 6 | 9.01  | -45.46 | -43.28 | -44.16 |        | -44.15 | -44.49 | -43.50 |        | -27.33 | -21.25 | 6.08  |
| HE20, M0.4 to M11.4-BF | 6 | 7.76  | -44.49 | -45.07 | -44.69 |        | -44.04 | -42.99 | -43.78 |        | -28.58 | -21.25 | 7.33  |
| HE20, M0.5 to M11.5-BF | 6 | 6.79  | -45.29 | -41.75 | -47.65 |        | -43.96 | -43.88 | -45.51 |        | -29.73 | -21.25 | 8.48  |
| HE20, M0.6 to M11.6-BF | 6 | 6.00  | -44.54 | -45.15 | -48.40 |        | -40.86 | -44.13 | -44.33 |        | -30.24 | -21.25 | 8.99  |
| HE20, M0.1 to M11.1-BF | 8 | 15.03 | -52.45 | -52.73 | -52.76 | -51.68 | -53.73 | -52.93 | -41.98 | -52.17 | -24.89 | -21.25 | 3.64  |
| HE20, M0.2 to M11.2-BF | 8 | 12.02 | -49.95 | -49.65 | -49.23 | -50.52 | -50.48 | -50.91 | -53.11 | -49.59 | -29.25 | -21.25 | 8.00  |
| HE20, M0.3 to M11.3-BF | 8 | 10.26 | -46.78 | -45.03 | -46.12 | -46.61 | -42.90 | -43.41 | -49.78 | -44.80 | -25.95 | -21.25 | 4.70  |
| HE20, M0.4 to M11.4-BF | 8 | 9.01  | -46.00 | -45.38 | -47.13 | -47.96 | -43.76 | -45.49 | -44.13 | -44.66 | -27.32 | -21.25 | 6.07  |

|                        |   |      |        |        |        |        |        |        |        |        |        |        |       |
|------------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE20, M0.5 to M11.5-BF | 8 | 8.04 | -46.04 | -44.87 | -47.21 | -48.41 | -42.16 | -43.78 | -44.72 | -44.09 | -27.71 | -21.25 | 6.46  |
| HE20, M0.6 to M11.6-BF | 8 | 7.25 | -42.22 | -43.72 | -46.51 | -45.08 | -44.30 | -41.15 | -44.93 | -44.44 | -27.46 | -21.25 | 6.21  |
| HE20, M0.7 to M11.7-BF | 8 | 6.58 | -44.71 | -43.48 | -45.51 | -47.27 | -45.88 | -42.82 | -45.64 | -45.54 | -29.29 | -21.25 | 8.04  |
| HE20, M0.8 to M11.8-BF | 8 | 6.00 | -45.35 | -43.41 | -44.19 | -46.70 | -42.60 | -44.04 | -43.18 | -44.33 | -29.04 | -21.25 | 7.79  |
| HE20, M0 to M11-STBC   | 2 | 6.00 | -45.55 | -45.82 |        |        |        |        |        |        | -36.67 | -21.25 | 15.42 |
| HE20, M0 to M11-STBC   | 3 | 6.00 | -44.55 | -45.75 | -42.53 |        |        |        |        |        | -33.30 | -21.25 | 12.05 |
| HE20, M0 to M11-STBC   | 4 | 6.00 | -45.87 | -42.07 | -46.66 | -47.25 |        |        |        |        | -32.92 | -21.25 | 11.67 |
| HE20, M0 to M11-STBC   | 6 | 6.00 | -43.69 | -45.71 | -47.63 |        | -41.90 | -44.26 | -43.19 |        | -30.25 | -21.25 | 9.00  |
| HE20, M0 to M11-STBC   | 8 | 6.00 | -49.46 | -50.14 | -50.56 | -50.22 | -51.82 | -50.27 | -49.37 | -50.85 | -35.25 | -21.25 | 14.00 |

## 5180 MHz (Average):

| Mode                               | Tx paths | correlated antenna gain (dBi) | Tx 1 Band-edge (dBm) | Tx 2 Band-edge (dBm) | Tx 3 Band-edge (dBm) | Tx 4 Band-edge (dBm) | Tx 5 Band-edge (dBm) | Tx 6 Band-edge (dBm) | Tx 7 Band-edge (dBm) | Tx 8 Band-edge (dBm) | DCCF (dB) | Total (dBm) | FCC Average Limit (dBm) | Margin (dB) |
|------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------|-------------|-------------------------|-------------|
| non HT20, 6 to 54 Mbps             | 1        | 6.00                          | -58.72               |                      |                      |                      |                      |                      |                      |                      | 0.72      | -52.00      | -41.25                  | 10.75       |
| non HT20, 6 to 54 Mbps             | 2        | 6.00                          | -57.07               | -57.08               |                      |                      |                      |                      |                      |                      | 0.72      | -47.34      | -41.25                  | 6.09        |
| non HT20, 6 to 54 Mbps             | 3        | 6.00                          | -56.44               | -56.67               | -58.01               |                      |                      |                      |                      |                      | 0.72      | -45.50      | -41.25                  | 4.25        |
| non HT20, 6 to 54 Mbps             | 4        | 6.00                          | -57.38               | -57.44               | -58.46               | -57.68               |                      |                      |                      |                      | 0.72      | -44.98      | -41.25                  | 3.73        |
| non HT20, 6 to 54 Mbps             | 6        | 9.00                          | -60.61               | -61.18               | -61.01               |                      | -58.88               | -58.22               | -57.97               |                      | 0.72      | -41.94      | -41.25                  | 0.69        |
| non HT20, 6 to 54 Mbps             | 8        | 9.00                          | -60.36               | -62.13               | -63.71               | -63.45               | -60.16               | -60.29               | -59.06               | -59.29               | 0.72      | -42.00      | -41.25                  | 0.75        |
| non HT20, 6 to 54 Mbps-BF          | 2        | 9.01                          | -56.17               | -55.93               |                      |                      |                      |                      |                      |                      | 0.72      | -43.31      | -41.25                  | 2.06        |
| non HT20, 6 to 54 Mbps-BF          | 3        | 10.77                         | -59.95               | -59.98               | -59.24               |                      |                      |                      |                      |                      | 0.72      | -43.45      | -41.25                  | 2.20        |
| non HT20, 6 to 54 Mbps-BF          | 4        | 12.02                         | -59.30               | -61.14               | -61.85               | -60.93               |                      |                      |                      |                      | 0.72      | -41.94      | -41.25                  | 0.69        |
| non HT20, 6 to 54 Mbps-BF          | 6        | 13.78                         | -63.17               | -64.51               | -64.25               |                      | -64.17               | -64.91               | -62.87               |                      | 0.72      | -41.64      | -41.25                  | 0.39        |
| non HT20, 6 to 54 Mbps-BF          | 8        | 15.03                         | -66.68               | -67.88               | -68.06               | -67.57               | -67.09               | -67.40               | -66.63               | -64.34               | 0.72      | -42.02      | -41.25                  | 0.77        |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 1        | 6.00                          | -58.10               |                      |                      |                      |                      |                      |                      |                      | 0.44      | -51.66      | -41.25                  | 10.41       |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 2        | 6.00                          | -58.17               | -58.19               |                      |                      |                      |                      |                      |                      | 0.44      | -48.73      | -41.25                  | 7.48        |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 2        | 6.00                          | -58.01               | -58.66               |                      |                      |                      |                      |                      |                      | 0.44      | -48.87      | -41.25                  | 7.62        |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 3        | 6.00                          | -59.07               | -58.52               | -58.42               |                      |                      |                      |                      |                      | 0.44      | -47.45      | -41.25                  | 6.20        |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 3        | 6.00                          | -57.96               | -58.69               | -57.70               |                      |                      |                      |                      |                      | 0.44      | -46.89      | -41.25                  | 5.64        |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 3        | 6.00                          | -57.48               | -58.44               | -58.42               |                      |                      |                      |                      |                      | 0.44      | -46.88      | -41.25                  | 5.63        |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 4        | 6.00                          | -57.92               | -58.01               | -59.45               | -58.89               |                      |                      |                      |                      | 0.44      | -46.06      | -41.25                  | 4.81        |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 4        | 6.00                          | -57.66               | -59.01               | -59.22               | -58.92               |                      |                      |                      |                      | 0.44      | -46.20      | -41.25                  | 4.95        |
| HT/VHT20, M16 to M23, M0.3 to M8.3 | 4        | 6.00                          | -57.89               | -58.39               | -58.04               | -58.73               |                      |                      |                      |                      | 0.44      | -45.79      | -41.25                  | 4.54        |
| HT/VHT20, M24 to M31, M0.4 to M8.4 | 4        | 6.00                          | -57.98               | -58.23               | -58.34               | -59.02               |                      |                      |                      |                      | 0.44      | -45.92      | -41.25                  | 4.67        |
| HT/VHT20, M0 to M7, M0.1 to M8.1   | 6        | 9.00                          | -60.71               | -62.43               | -63.90               |                      | -57.04               | -56.72               | -56.63               |                      | 0.44      | -41.47      | -41.25                  | 0.22        |
| HT/VHT20, M8 to M15, M0.2 to M8.2  | 6        | 8.39                          | -58.23               | -61.62               | -61.16               |                      | -56.96               | -56.66               | -57.73               |                      | 0.44      | -41.72      | -41.25                  | 0.47        |



|                                        |   |       |        |        |        |        |        |        |        |        |      |        |        |      |
|----------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|--------|------|
| HT/VHT20, M16 to M23, M0.3 to M8.3     | 6 | 7.51  | -57.84 | -58.66 | -59.57 |        | -56.88 | -57.30 | -57.79 |        | 0.44 | -42.19 | -41.25 | 0.94 |
| HT/VHT20, M24 to M31, M0.4 to M8.4     | 6 | 6.88  | -58.24 | -58.83 | -59.50 |        | -58.39 | -57.28 | -58.15 |        | 0.44 | -43.24 | -41.25 | 1.99 |
| VHT20, M0.5 to M8.5                    | 6 | 6.40  | -58.13 | -58.35 | -59.52 |        | -58.43 | -56.78 | -62.02 |        | 0.44 | -43.98 | -41.25 | 2.73 |
| VHT20, M0.6 to M8.6                    | 6 | 6.00  | -58.55 | -58.37 | -59.44 |        | -57.90 | -56.54 | -57.82 |        | 0.44 | -43.79 | -41.25 | 2.54 |
| HT/VHT20, M0 to M7, M0.1 to M8.1       | 8 | 9.00  | -62.27 | -62.46 | -63.94 | -63.60 | -57.83 | -57.78 | -57.73 | -58.56 | 0.44 | -41.32 | -41.25 | 0.07 |
| HT/VHT20, M8 to M15, M0.2 to M8.2      | 8 | 9.00  | -62.21 | -62.89 | -64.03 | -64.11 | -57.77 | -57.50 | -57.80 | -58.62 | 0.44 | -41.33 | -41.25 | 0.08 |
| HT/VHT20, M16 to M23, M0.3 to M8.3     | 8 | 8.13  | -61.03 | -60.40 | -62.42 | -60.03 | -57.47 | -57.25 | -57.47 | -58.44 | 0.44 | -41.36 | -41.25 | 0.11 |
| HT/VHT20, M24 to M31, M0.4 to M8.4     | 8 | 7.51  | -60.01 | -61.73 | -58.27 | -59.18 | -56.88 | -57.68 | -57.91 | -59.03 | 0.44 | -41.64 | -41.25 | 0.39 |
| VHT20, M0.5 to M8.5                    | 8 | 7.02  | -58.10 | -58.59 | -58.63 | -58.65 | -56.20 | -57.66 | -57.55 | -58.43 | 0.44 | -41.41 | -41.25 | 0.16 |
| VHT20, M0.6 to M8.6                    | 8 | 6.62  | -58.61 | -57.90 | -58.53 | -58.62 | -56.72 | -57.25 | -56.32 | -58.45 | 0.44 | -41.62 | -41.25 | 0.37 |
| VHT20, M0.7 to M8.7                    | 8 | 6.29  | -58.21 | -58.30 | -58.05 | -58.74 | -56.71 | -57.33 | -56.20 | -58.63 | 0.44 | -41.92 | -41.25 | 0.67 |
| VHT20, M0.8 to M8.8                    | 8 | 6.00  | -58.19 | -56.33 | -58.34 | -58.67 | -57.01 | -57.01 | -56.36 | -58.44 | 0.44 | -41.98 | -41.25 | 0.73 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 2 | 9.01  | -58.08 | -58.27 |        |        |        |        |        |        | 0.44 | -45.71 | -41.25 | 4.46 |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 2 | 6.00  | -58.43 | -58.49 |        |        |        |        |        |        | 0.44 | -49.01 | -41.25 | 7.76 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 3 | 10.77 | -57.68 | -58.48 | -58.24 |        |        |        |        |        | 0.44 | -42.14 | -41.25 | 0.89 |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 3 | 7.76  | -58.42 | -58.41 | -58.01 |        |        |        |        |        | 0.44 | -45.30 | -41.25 | 4.05 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 3 | 6.00  | -58.18 | -57.97 | -58.37 |        |        |        |        |        | 0.44 | -46.96 | -41.25 | 5.71 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 4 | 12.02 | -61.17 | -61.78 | -63.84 | -63.17 |        |        |        |        | 0.44 | -43.88 | -41.25 | 2.63 |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF   | 4 | 9.01  | -57.97 | -58.43 | -58.46 | -58.40 |        |        |        |        | 0.44 | -42.84 | -41.25 | 1.59 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 4 | 7.25  | -58.18 | -58.45 | -57.91 | -58.95 |        |        |        |        | 0.44 | -44.65 | -41.25 | 3.40 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF  | 4 | 6.00  | -58.08 | -58.64 | -58.40 | -58.80 |        |        |        |        | 0.44 | -46.01 | -41.25 | 4.76 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 6 | 13.78 | -64.54 | -64.21 | -64.20 |        | -63.06 | -63.14 | -62.17 |        | 0.44 | -41.47 | -41.25 | 0.22 |
| HT/VHT20, M8 to M15, M0.2 to M8.2 -BF  | 6 | 10.77 | -62.80 | -63.34 | -64.43 |        | -60.05 | -60.78 | -58.58 |        | 0.44 | -42.20 | -41.25 | 0.95 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF  | 6 | 9.01  | -61.00 | -62.65 | -62.96 |        | -58.63 | -57.80 | -56.29 |        | 0.44 | -41.96 | -41.25 | 0.71 |
| HT/VHT20, M24 to M31, M0.4 to M8.4 -BF | 6 | 7.76  | -58.05 | -58.64 | -58.03 |        | -58.68 | -58.07 | -62.39 |        | 0.44 | -42.77 | -41.25 | 1.52 |
| VHT20, M0.5 to M8.5-BF                 | 6 | 6.79  | -58.57 | -58.87 | -57.43 |        | -58.72 | -58.14 | -56.14 |        | 0.44 | -42.86 | -41.25 | 1.61 |
| VHT20, M0.6 to M8.6-BF                 | 6 | 6.00  | -57.87 | -58.40 | -58.03 |        | -58.27 | -58.03 | -56.56 |        | 0.44 | -43.59 | -41.25 | 2.34 |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF    | 8 | 15.03 | -66.61 | -66.44 | -65.54 | -65.38 | -65.60 | -65.76 | -65.46 | -65.52 | 0.44 | -41.27 | -41.25 | 0.02 |

|                                       |   |       |        |        |        |        |        |        |        |        |      |        |        |      |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|--------|------|
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 8 | 12.02 | -63.83 | -63.59 | -63.75 | -63.85 | -63.90 | -63.52 | -63.59 | -61.52 | 0.44 | -41.88 | -41.25 | 0.63 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 8 | 10.26 | -61.25 | -60.95 | -60.80 | -61.31 | -60.75 | -61.04 | -61.20 | -61.03 | 0.44 | -41.31 | -41.25 | 0.06 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 8 | 9.01  | -59.71 | -60.41 | -59.51 | -62.02 | -62.40 | -58.98 | -59.03 | -59.05 | 0.44 | -41.49 | -41.25 | 0.24 |
| VHT20, M0.5 to M8.5-BF                | 8 | 8.04  | -59.62 | -59.66 | -59.46 | -59.26 | -59.06 | -59.40 | -57.12 | -58.50 | 0.44 | -41.42 | -41.25 | 0.17 |
| VHT20, M0.6 to M8.6-BF                | 8 | 7.25  | -58.39 | -58.12 | -59.43 | -58.77 | -56.61 | -57.80 | -62.42 | -58.52 | 0.44 | -41.79 | -41.25 | 0.54 |
| VHT20, M0.7 to M8.7-BF                | 8 | 6.58  | -57.90 | -58.11 | -58.81 | -58.57 | -57.14 | -57.71 | -57.68 | -58.48 | 0.44 | -41.97 | -41.25 | 0.72 |
| VHT20, M0.8 to M8.8-BF                | 8 | 6.00  | -58.29 | -57.01 | -58.69 | -59.00 | -56.69 | -57.61 | -57.74 | -58.27 | 0.44 | -42.38 | -41.25 | 1.13 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 2 | 6.00  | -57.82 | -58.51 |        |        |        |        |        |        | 0.44 | -48.70 | -41.25 | 7.45 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 3 | 6.00  | -58.47 | -58.57 | -58.62 |        |        |        |        |        | 0.44 | -47.34 | -41.25 | 6.09 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 4 | 6.00  | -58.18 | -58.01 | -57.99 | -58.68 |        |        |        |        | 0.44 | -45.75 | -41.25 | 4.50 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 6 | 6.00  | -58.06 | -58.55 | -58.40 |        | -56.91 | -56.74 | -57.94 |        | 0.44 | -43.49 | -41.25 | 2.24 |
| HT/VHT20, M0 to M7, M0 to M8 -STBC    | 8 | 6.00  | -58.54 | -60.48 | -60.74 | -60.39 | -60.95 | -60.71 | -57.89 | -60.07 | 0.44 | -44.36 | -41.25 | 3.11 |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | -56.62 |        |        |        |        |        |        |        | 0.44 | -50.18 | -41.25 | 8.93 |
| HE20, M0.1 to M11.1                   | 2 | 6.00  | -56.68 | -55.90 |        |        |        |        |        |        | 0.44 | -46.82 | -41.25 | 5.57 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | -56.59 | -55.80 |        |        |        |        |        |        | 0.44 | -46.73 | -41.25 | 5.48 |
| HE20, M0.1 to M11.1                   | 3 | 6.00  | -56.00 | -55.48 | -57.16 |        |        |        |        |        | 0.44 | -44.95 | -41.25 | 3.70 |
| HE20, M0.2 to M11.2                   | 3 | 6.00  | -56.29 | -55.89 | -56.94 |        |        |        |        |        | 0.44 | -45.14 | -41.25 | 3.89 |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | -56.55 | -55.65 | -57.54 |        |        |        |        |        | 0.44 | -45.30 | -41.25 | 4.05 |
| HE20, M0.1 to M11.1                   | 4 | 6.00  | -56.89 | -55.72 | -57.14 | -57.17 |        |        |        |        | 0.44 | -44.23 | -41.25 | 2.98 |
| HE20, M0.2 to M11.2                   | 4 | 6.00  | -56.78 | -55.66 | -57.19 | -56.71 |        |        |        |        | 0.44 | -44.09 | -41.25 | 2.84 |
| HE20, M0.3 to M11.3                   | 4 | 6.00  | -56.81 | -55.54 | -56.86 | -57.64 |        |        |        |        | 0.44 | -44.19 | -41.25 | 2.94 |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | -56.07 | -55.97 | -57.39 | -57.18 |        |        |        |        | 0.44 | -44.15 | -41.25 | 2.90 |
| HE20, M0.1 to M11.1                   | 6 | 9.00  | -59.82 | -59.95 | -59.91 |        | -57.39 | -57.21 | -59.66 |        | 0.44 | -41.59 | -41.25 | 0.34 |
| HE20, M0.2 to M11.2                   | 6 | 8.39  | -59.91 | -57.17 | -59.93 |        | -57.21 | -57.19 | -59.96 |        | 0.44 | -41.74 | -41.25 | 0.49 |
| HE20, M0.3 to M11.3                   | 6 | 7.51  | -56.76 | -57.07 | -57.37 |        | -56.84 | -56.52 | -57.66 |        | 0.44 | -41.29 | -41.25 | 0.04 |
| HE20, M0.4 to M11.4                   | 6 | 6.88  | -56.86 | -55.64 | -57.22 |        | -55.44 | -55.67 | -58.00 |        | 0.44 | -41.27 | -41.25 | 0.02 |
| HE20, M0.5 to M11.5                   | 6 | 6.40  | -56.24 | -55.42 | -57.37 |        | -55.34 | -55.88 | -63.26 |        | 0.44 | -42.00 | -41.25 | 0.75 |
| HE20, M0.6 to M11.6                   | 6 | 6.00  | -56.68 | -55.74 | -57.16 |        | -55.13 | -56.44 | -59.87 |        | 0.44 | -42.38 | -41.25 | 1.13 |

|                               |          |              |               |               |               |               |               |               |               |               |             |               |               |             |
|-------------------------------|----------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------|---------------|---------------|-------------|
| HE20, M0.1 to M11.1           | 8        | 9.00         | -59.64        | -59.72        | -59.66        | -59.95        | -59.68        | -59.88        | -59.78        | -59.68        | 0.44        | -41.28        | -41.25        | 0.03        |
| HE20, M0.2 to M11.2           | 8        | 9.00         | -59.61        | -59.72        | -59.90        | -60.05        | -59.47        | -59.95        | -59.66        | -59.82        | 0.44        | -41.30        | -41.25        | 0.05        |
| HE20, M0.3 to M11.3           | 8        | 8.13         | -59.68        | -59.76        | -59.83        | -59.79        | -59.84        | -59.58        | -58.18        | -58.57        | 0.44        | -41.76        | -41.25        | 0.51        |
| HE20, M0.4 to M11.4           | 8        | 7.51         | -58.34        | -58.29        | -58.23        | -58.44        | -58.13        | -58.31        | -58.05        | -58.21        | 0.44        | -41.27        | -41.25        | 0.02        |
| HE20, M0.5 to M11.5           | 8        | 7.02         | -58.12        | -58.40        | -58.24        | -57.92        | -58.27        | -58.05        | -58.41        | -58.31        | 0.44        | -41.72        | -41.25        | 0.47        |
| HE20, M0.6 to M11.6           | 8        | 6.62         | -57.79        | -58.21        | -58.14        | -58.13        | -58.12        | -58.27        | -58.01        | -55.92        | 0.44        | -41.66        | -41.25        | 0.41        |
| HE20, M0.7 to M11.7           | 8        | 6.29         | -58.33        | -57.97        | -58.06        | -58.03        | -57.79        | -58.11        | -59.68        | -55.44        | 0.44        | -42.02        | -41.25        | 0.77        |
| HE20, M0.8 to M11.8           | 8        | 6.00         | -58.10        | -58.18        | -57.95        | -57.91        | -58.60        | -58.30        | -57.89        | -55.97        | 0.44        | -42.32        | -41.25        | 1.07        |
| HE20, M0.1 to M11.1-BF        | 2        | 9.01         | -57.23        | -55.80        |               |               |               |               |               |               | 0.44        | -44.00        | -41.25        | 2.75        |
| HE20, M0.2 to M11.2-BF        | 2        | 6.00         | -56.82        | -55.92        |               |               |               |               |               |               | 0.44        | -46.90        | -41.25        | 5.65        |
| HE20, M0.1 to M11.1-BF        | 3        | 10.77        | -57.78        | -57.91        | -57.77        |               |               |               |               |               | 0.44        | -41.84        | -41.25        | 0.59        |
| HE20, M0.2 to M11.2-BF        | 3        | 7.76         | -55.76        | -55.34        | -56.72        |               |               |               |               |               | 0.44        | -42.93        | -41.25        | 1.68        |
| HE20, M0.3 to M11.3-BF        | 3        | 6.00         | -56.60        | -55.64        | -56.92        |               |               |               |               |               | 0.44        | -45.14        | -41.25        | 3.89        |
| HE20, M0.1 to M11.1-BF        | 4        | 12.02        | -59.78        | -60.06        | -60.19        | -59.67        |               |               |               |               | 0.44        | -41.44        | -41.25        | 0.19        |
| HE20, M0.2 to M11.2-BF        | 4        | 9.01         | -57.69        | -57.81        | -57.44        | -57.90        |               |               |               |               | 0.44        | -42.24        | -41.25        | 0.99        |
| HE20, M0.3 to M11.3-BF        | 4        | 7.25         | -56.55        | -54.96        | -56.94        | -56.79        |               |               |               |               | 0.44        | -42.52        | -41.25        | 1.27        |
| HE20, M0.4 to M11.4-BF        | 4        | 6.00         | -56.59        | -55.14        | -57.43        | -56.96        |               |               |               |               | 0.44        | -43.98        | -41.25        | 2.73        |
| HE20, M0.1 to M11.1-BF        | 6        | 13.78        | -63.25        | -63.30        | -63.55        |               | -63.46        | -63.51        | -63.44        |               | 0.44        | -41.42        | -41.25        | 0.17        |
| HE20, M0.2 to M11.2-BF        | 6        | 10.77        | -61.05        | -61.05        | -61.01        |               | -61.15        | -60.42        | -60.21        |               | 0.44        | -41.81        | -41.25        | 0.56        |
| HE20, M0.3 to M11.3-BF        | 6        | 9.01         | -60.10        | -60.00        | -60.18        |               | -57.30        | -57.57        | -59.73        |               | 0.44        | -41.73        | -41.25        | 0.48        |
| HE20, M0.4 to M11.4-BF        | 6        | 7.76         | -57.41        | -57.59        | -57.43        |               | -57.87        | -57.37        | -57.80        |               | 0.44        | -41.59        | -41.25        | 0.34        |
| HE20, M0.5 to M11.5-BF        | 6        | 6.79         | -57.96        | -57.52        | -58.32        |               | -57.93        | -57.44        | -57.05        |               | 0.44        | -42.67        | -41.25        | 1.42        |
| HE20, M0.6 to M11.6-BF        | 6        | 6.00         | -55.68        | -55.63        | -57.38        |               | -54.97        | -55.85        | -56.28        |               | 0.44        | -41.68        | -41.25        | 0.43        |
| <b>HE20, M0.1 to M11.1-BF</b> | <b>8</b> | <b>15.03</b> | <b>-65.93</b> | <b>-65.72</b> | <b>-66.10</b> | <b>-66.63</b> | <b>-65.50</b> | <b>-65.29</b> | <b>-65.76</b> | <b>-65.32</b> | <b>0.44</b> | <b>-41.26</b> | <b>-41.25</b> | <b>0.01</b> |
| HE20, M0.2 to M11.2-BF        | 8        | 12.02        | -63.73        | -63.53        | -63.45        | -63.61        | -63.49        | -63.66        | -61.76        | -61.76        | 0.44        | -41.56        | -41.25        | 0.31        |
| HE20, M0.3 to M11.3-BF        | 8        | 10.26        | -61.64        | -61.58        | -61.59        | -61.75        | -61.73        | -61.72        | -61.41        | -61.88        | 0.44        | -41.93        | -41.25        | 0.68        |
| HE20, M0.4 to M11.4-BF        | 8        | 9.01         | -60.49        | -60.58        | -60.61        | -60.46        | -60.38        | -60.62        | -58.37        | -58.57        | 0.44        | -41.43        | -41.25        | 0.18        |
| HE20, M0.5 to M11.5-BF        | 8        | 8.04         | -60.56        | -60.54        | -60.38        | -60.71        | -58.22        | -58.12        | -58.37        | -58.39        | 0.44        | -41.75        | -41.25        | 0.50        |

|                        |   |      |        |        |        |        |        |        |        |        |      |        |        |      |
|------------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|--------|------|
| HE20, M0.6 to M11.6-BF | 8 | 7.25 | -57.82 | -58.07 | -58.05 | -57.83 | -58.40 | -58.25 | -57.98 | -58.00 | 0.44 | -41.33 | -41.25 | 0.08 |
| HE20, M0.7 to M11.7-BF | 8 | 6.58 | -58.13 | -58.04 | -58.07 | -57.80 | -58.14 | -57.74 | -57.74 | -57.82 | 0.44 | -41.88 | -41.25 | 0.63 |
| HE20, M0.8 to M11.8-BF | 8 | 6.00 | -56.73 | -56.70 | -57.23 | -57.42 | -56.86 | -56.78 | -57.13 | -55.87 | 0.44 | -41.35 | -41.25 | 0.10 |
| HE20, M0 to M11-STBC   | 2 | 6.00 | -56.51 | -56.18 |        |        |        |        |        |        | 0.44 | -46.89 | -41.25 | 5.64 |
| HE20, M0 to M11-STBC   | 3 | 6.00 | -56.51 | -55.89 | -56.96 |        |        |        |        |        | 0.44 | -45.22 | -41.25 | 3.97 |
| HE20, M0 to M11-STBC   | 4 | 6.00 | -56.64 | -55.02 | -56.89 | -57.81 |        |        |        |        | 0.44 | -44.01 | -41.25 | 2.76 |
| HE20, M0 to M11-STBC   | 6 | 6.00 | -56.19 | -55.68 | -57.28 |        | -54.68 | -55.66 | -55.80 |        | 0.44 | -41.59 | -41.25 | 0.34 |
| HE20, M0 to M11-STBC   | 8 | 6.00 | -58.81 | -60.41 | -60.91 | -59.96 | -60.35 | -60.35 | -59.51 | -59.61 | 0.44 | -44.47 | -41.25 | 3.22 |

## 5190 MHz (Peak):

| Mode                               | Tx paths | correlated antenna gain (dBi) | Tx 1 Band-edge (dBm) | Tx 2 Band-edge (dBm) | Tx 3 Band-edge (dBm) | Tx 4 Band-edge (dBm) | Tx 5 Band-edge (dBm) | Tx 6 Band-edge (dBm) | Tx 7 Band-edge (dBm) | Tx 8 Band-edge (dBm) | Total (dBm) | FCC Peak Limit (dBm) | Margin (dB) |
|------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-------------|----------------------|-------------|
| non HT40, 6 to 54 Mbps             | 1        | 6.00                          | -29.90               |                      |                      |                      |                      |                      |                      |                      | -29.90      | -21.25               | 8.65        |
| non HT40, 6 to 54 Mbps             | 2        | 6.00                          | -38.59               | -34.63               |                      |                      |                      |                      |                      |                      | -27.17      | -21.25               | 5.92        |
| non HT40, 6 to 54 Mbps             | 3        | 6.00                          | -42.27               | -40.69               | -43.18               |                      |                      |                      |                      |                      | -31.15      | -21.25               | 9.90        |
| non HT40, 6 to 54 Mbps             | 4        | 6.00                          | -39.81               | -36.73               | -36.31               | -34.78               |                      |                      |                      |                      | -24.54      | -21.25               | 3.29        |
| non HT40, 6 to 54 Mbps             | 6        | 9.00                          | -41.51               | -42.82               | -46.06               |                      | -45.91               | -45.62               | -44.37               |                      | -27.25      | -21.25               | 6.00        |
| non HT40, 6 to 54 Mbps             | 8        | 9.00                          | -41.29               | -49.08               | -49.57               | -50.09               | -43.74               | -48.82               | -48.01               | -48.77               | -28.17      | -21.25               | 6.92        |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 1        | 6.00                          | -40.40               |                      |                      |                      |                      |                      |                      |                      | -34.40      | -21.25               | 13.15       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 2        | 6.00                          | -38.91               | -42.26               |                      |                      |                      |                      |                      |                      | -31.26      | -21.25               | 10.01       |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 2        | 6.00                          | -41.05               | -41.43               |                      |                      |                      |                      |                      |                      | -32.23      | -21.25               | 10.98       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 3        | 6.00                          | -40.87               | -41.39               | -40.64               |                      |                      |                      |                      |                      | -30.18      | -21.25               | 8.93        |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 3        | 6.00                          | -40.84               | -43.16               | -40.31               |                      |                      |                      |                      |                      | -30.50      | -21.25               | 9.25        |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 3        | 6.00                          | -37.50               | -41.54               | -40.49               |                      |                      |                      |                      |                      | -28.72      | -21.25               | 7.47        |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 4        | 6.00                          | -42.65               | -43.70               | -41.91               | -42.90               |                      |                      |                      |                      | -30.72      | -21.25               | 9.47        |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 4        | 6.00                          | -43.35               | -43.71               | -43.61               | -42.98               |                      |                      |                      |                      | -31.38      | -21.25               | 10.13       |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 4        | 6.00                          | -43.98               | -45.12               | -43.64               | -43.56               |                      |                      |                      |                      | -32.01      | -21.25               | 10.76       |
| HT/VHT40, M24 to M31, M0.4 to M9.4 | 4        | 6.00                          | -43.40               | -45.60               | -42.42               | -42.93               |                      |                      |                      |                      | -31.41      | -21.25               | 10.16       |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 6        | 6.00                          | -43.02               | -46.11               | -43.16               |                      | -44.10               | -44.80               | -44.06               |                      | -30.31      | -21.25               | 9.06        |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 6        | 6.00                          | -44.66               | -47.94               | -43.83               |                      | -44.62               | -46.38               | -44.24               |                      | -31.28      | -21.25               | 10.03       |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 6        | 6.00                          | -45.38               | -47.30               | -45.90               |                      | -44.87               | -43.82               | -43.68               |                      | -31.21      | -21.25               | 9.96        |
| HT/VHT40, M24 to M31, M0.4 to M9.4 | 6        | 6.00                          | -44.17               | -47.69               | -44.55               |                      | -44.13               | -45.40               | -44.02               |                      | -31.05      | -21.25               | 9.80        |
| VHT40, M0.5 to M9.5                | 6        | 6.00                          | -45.29               | -46.44               | -44.37               |                      | -43.58               | -45.39               | -45.18               |                      | -31.17      | -21.25               | 9.92        |
| VHT40, M0.6 to M9.6                | 6        | 6.00                          | -39.84               | -42.27               | -40.19               |                      | -38.07               | -39.47               | -40.09               |                      | -26.04      | -21.25               | 4.79        |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 8        | 6.00                          | -43.93               | -47.62               | -47.00               | -47.89               | -45.81               | -47.47               | -44.61               | -45.40               | -30.96      | -21.25               | 9.71        |

|                                       |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 8 | 6.00  | -47.40 | -48.37 | -46.57 | -46.77 | -46.92 | -46.24 | -46.19 | -44.75 | -31.51 | -21.25 | 10.26 |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 8 | 6.00  | -46.96 | -49.70 | -48.16 | -46.06 | -46.41 | -47.73 | -46.97 | -46.28 | -32.12 | -21.25 | 10.87 |
| HT/VHT40, M24 to M31, M0.4 to M9.4    | 8 | 6.00  | -45.73 | -49.03 | -46.47 | -46.66 | -47.66 | -47.55 | -45.41 | -46.31 | -31.69 | -21.25 | 10.44 |
| VHT40, M0.5 to M9.5                   | 8 | 6.00  | -46.46 | -48.65 | -47.27 | -46.77 | -46.60 | -47.37 | -47.49 | -45.53 | -31.90 | -21.25 | 10.65 |
| VHT40, M0.6 to M9.6                   | 8 | 6.00  | -43.58 | -43.55 | -45.07 | -44.59 | -44.47 | -44.27 | -42.60 | -40.36 | -28.27 | -21.25 | 7.02  |
| VHT40, M0.7 to M9.7                   | 8 | 6.00  | -43.34 | -44.82 | -43.34 | -41.85 | -43.23 | -43.78 | -43.63 | -43.73 | -28.36 | -21.25 | 7.11  |
| VHT40, M0.8 to M9.8                   | 8 | 6.00  | -46.22 | -48.97 | -47.01 | -47.01 | -46.51 | -46.93 | -43.57 | -46.01 | -31.26 | -21.25 | 10.01 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 2 | 9.01  | -42.43 | -44.61 |        |        |        |        |        |        | -31.36 | -21.25 | 10.11 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 2 | 6.00  | -41.37 | -41.87 |        |        |        |        |        |        | -32.61 | -21.25 | 11.36 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 3 | 10.77 | -47.16 | -48.02 | -46.97 |        |        |        |        |        | -31.82 | -21.25 | 10.57 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 3 | 7.76  | -44.00 | -45.23 | -43.70 |        |        |        |        |        | -31.73 | -21.25 | 10.48 |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 3 | 6.00  | -37.65 | -45.45 | -43.38 |        |        |        |        |        | -30.09 | -21.25 | 8.84  |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 4 | 12.02 | -48.99 | -50.89 | -49.83 | -48.66 |        |        |        |        | -31.47 | -21.25 | 10.22 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 4 | 9.01  | -47.04 | -46.96 | -46.94 | -46.73 |        |        |        |        | -31.88 | -21.25 | 10.63 |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 4 | 7.25  | -44.45 | -47.35 | -44.00 | -45.27 |        |        |        |        | -31.82 | -21.25 | 10.57 |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 4 | 6.00  | -43.66 | -45.44 | -43.27 | -42.84 |        |        |        |        | -31.68 | -21.25 | 10.43 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 6 | 13.78 | -52.89 | -53.72 | -54.57 |        | -52.57 | -52.22 | -50.30 |        | -30.94 | -21.25 | 9.69  |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 6 | 10.77 | -51.57 | -52.43 | -50.02 |        | -49.97 | -53.15 | -51.89 |        | -32.80 | -21.25 | 11.55 |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 6 | 9.01  | -47.18 | -49.89 | -49.10 |        | -48.15 | -49.85 | -48.14 |        | -31.81 | -21.25 | 10.56 |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 6 | 7.76  | -47.83 | -48.47 | -47.46 |        | -46.49 | -47.32 | -45.86 |        | -31.61 | -21.25 | 10.36 |
| VHT40, M0.5 to M9.5-BF                | 6 | 6.79  | -45.77 | -48.84 | -45.38 |        | -48.01 | -46.36 | -45.44 |        | -31.87 | -21.25 | 10.62 |
| VHT40, M0.6 to M9.6-BF                | 6 | 6.00  | -43.23 | -46.36 | -43.88 |        | -42.87 | -44.14 | -40.86 |        | -29.47 | -21.25 | 8.22  |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 8 | 15.03 | -56.17 | -55.86 | -56.04 | -55.71 | -54.85 | -56.39 | -56.04 | -54.53 | -31.59 | -21.25 | 10.34 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 8 | 12.02 | -51.81 | -53.71 | -52.13 | -52.96 | -52.98 | -53.47 | -53.54 | -51.83 | -31.69 | -21.25 | 10.44 |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 8 | 10.26 | -48.32 | -53.83 | -50.49 | -52.04 | -51.59 | -53.52 | -51.62 | -49.54 | -31.71 | -21.25 | 10.46 |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 8 | 9.01  | -50.24 | -51.06 | -49.06 | -49.17 | -48.96 | -50.20 | -48.61 | -49.82 | -31.53 | -21.25 | 10.28 |
| VHT40, M0.5 to M9.5-BF                | 8 | 8.04  | -49.38 | -50.70 | -50.66 | -48.92 | -50.24 | -50.30 | -47.70 | -48.44 | -32.34 | -21.25 | 11.09 |
| VHT40, M0.6 to M9.6-BF                | 8 | 7.25  | -48.30 | -49.53 | -47.18 | -48.85 | -45.62 | -48.83 | -47.93 | -46.42 | -31.37 | -21.25 | 10.12 |

|                                   |   |      |        |        |        |        |        |        |        |        |        |        |       |
|-----------------------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT40, M0.7 to M9.7-BF            | 8 | 6.58 | -46.40 | -47.70 | -45.29 | -46.01 | -47.21 | -46.44 | -45.19 | -45.96 | -30.59 | -21.25 | 9.34  |
| VHT40, M0.8 to M9.8-BF            | 8 | 6.00 | -46.83 | -49.78 | -47.00 | -47.73 | -45.36 | -45.88 | -44.74 | -46.26 | -31.44 | -21.25 | 10.19 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 2 | 6.00 | -40.16 | -42.21 |        |        |        |        |        |        | -32.06 | -21.25 | 10.81 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 3 | 6.00 | -42.62 | -44.29 | -43.55 |        |        |        |        |        | -32.66 | -21.25 | 11.41 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 4 | 6.00 | -42.69 | -45.25 | -42.78 | -43.82 |        |        |        |        | -31.50 | -21.25 | 10.25 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 6 | 6.00 | -44.96 | -46.48 | -45.52 |        | -43.45 | -44.84 | -43.85 |        | -30.95 | -21.25 | 9.70  |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 8 | 6.00 | -43.85 | -47.37 | -44.42 | -47.18 | -46.01 | -47.89 | -46.93 | -44.62 | -30.76 | -21.25 | 9.51  |
| HE40, M0.1 to M11.1               | 1 | 6.00 | -37.40 |        |        |        |        |        |        |        | -31.40 | -21.25 | 10.15 |
| HE40, M0.1 to M11.1               | 2 | 6.00 | -42.02 | -44.62 |        |        |        |        |        |        | -34.12 | -21.25 | 12.87 |
| HE40, M0.2 to M11.2               | 2 | 6.00 | -40.51 | -41.10 |        |        |        |        |        |        | -31.78 | -21.25 | 10.53 |
| HE40, M0.1 to M11.1               | 3 | 6.00 | -38.36 | -45.11 | -40.09 |        |        |        |        |        | -29.61 | -21.25 | 8.36  |
| HE40, M0.2 to M11.2               | 3 | 6.00 | -41.39 | -43.00 | -41.71 |        |        |        |        |        | -31.21 | -21.25 | 9.96  |
| HE40, M0.3 to M11.3               | 3 | 6.00 | -41.15 | -43.87 | -39.31 |        |        |        |        |        | -30.29 | -21.25 | 9.04  |
| HE40, M0.1 to M11.1               | 4 | 6.00 | -43.72 | -45.40 | -44.21 | -43.91 |        |        |        |        | -32.24 | -21.25 | 10.99 |
| HE40, M0.2 to M11.2               | 4 | 6.00 | -44.59 | -45.65 | -44.56 | -45.16 |        |        |        |        | -32.95 | -21.25 | 11.70 |
| HE40, M0.3 to M11.3               | 4 | 6.00 | -42.29 | -45.95 | -43.27 | -44.43 |        |        |        |        | -31.76 | -21.25 | 10.51 |
| HE40, M0.4 to M11.4               | 4 | 6.00 | -44.45 | -44.71 | -43.55 | -43.88 |        |        |        |        | -32.10 | -21.25 | 10.85 |
| HE40, M0.1 to M11.1               | 6 | 6.00 | -45.11 | -48.23 | -44.70 |        | -45.30 | -46.89 | -46.06 |        | -32.11 | -21.25 | 10.86 |
| HE40, M0.2 to M11.2               | 6 | 6.00 | -46.17 | -47.51 | -45.70 |        | -44.68 | -45.89 | -44.86 |        | -31.92 | -21.25 | 10.67 |
| HE40, M0.3 to M11.3               | 6 | 6.00 | -45.53 | -47.46 | -45.60 |        | -46.03 | -45.33 | -45.34 |        | -32.04 | -21.25 | 10.79 |
| HE40, M0.4 to M11.4               | 6 | 6.00 | -45.97 | -47.82 | -46.56 |        | -45.23 | -47.18 | -45.31 |        | -32.46 | -21.25 | 11.21 |
| HE40, M0.5 to M11.5               | 6 | 6.00 | -42.01 | -47.61 | -44.45 |        | -46.55 | -47.66 | -44.94 |        | -31.27 | -21.25 | 10.02 |
| HE40, M0.6 to M11.6               | 6 | 6.00 | -41.24 | -47.18 | -47.10 |        | -45.47 | -46.13 | -44.63 |        | -30.97 | -21.25 | 9.72  |
| HE40, M0.1 to M11.1               | 8 | 6.00 | -47.75 | -49.77 | -47.57 | -48.19 | -47.34 | -47.04 | -45.92 | -45.95 | -32.26 | -21.25 | 11.01 |
| HE40, M0.2 to M11.2               | 8 | 6.00 | -48.10 | -50.06 | -47.33 | -48.87 | -48.31 | -47.75 | -46.64 | -48.74 | -33.08 | -21.25 | 11.83 |
| HE40, M0.3 to M11.3               | 8 | 6.00 | -47.62 | -49.53 | -48.45 | -47.93 | -46.74 | -47.74 | -47.14 | -47.25 | -32.70 | -21.25 | 11.45 |
| HE40, M0.4 to M11.4               | 8 | 6.00 | -47.80 | -49.54 | -47.26 | -47.18 | -48.17 | -48.32 | -46.70 | -47.06 | -32.64 | -21.25 | 11.39 |
| HE40, M0.5 to M11.5               | 8 | 6.00 | -48.21 | -49.67 | -48.75 | -47.08 | -48.66 | -49.49 | -45.23 | -47.86 | -32.86 | -21.25 | 11.61 |

|                        |   |       |        |        |        |        |        |        |        |        |        |        |       |
|------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE40, M0.6 to M11.6    | 8 | 6.00  | -45.40 | -50.17 | -47.15 | -47.56 | -47.34 | -48.02 | -46.97 | -47.25 | -32.28 | -21.25 | 11.03 |
| HE40, M0.7 to M11.7    | 8 | 6.00  | -47.19 | -49.57 | -47.26 | -48.62 | -49.09 | -49.11 | -46.10 | -48.50 | -33.00 | -21.25 | 11.75 |
| HE40, M0.8 to M11.8    | 8 | 6.00  | -46.39 | -47.90 | -48.28 | -47.40 | -44.92 | -48.05 | -45.27 | -45.43 | -31.48 | -21.25 | 10.23 |
| HE40, M0.1 to M11.1-BF | 2 | 9.01  | -41.81 | -46.29 |        |        |        |        |        |        | -31.48 | -21.25 | 10.23 |
| HE40, M0.2 to M11.2-BF | 2 | 6.00  | -40.84 | -40.16 |        |        |        |        |        |        | -31.48 | -21.25 | 10.23 |
| HE40, M0.1 to M11.1-BF | 3 | 10.77 | -47.42 | -48.92 | -48.02 |        |        |        |        |        | -32.53 | -21.25 | 11.28 |
| HE40, M0.2 to M11.2-BF | 3 | 7.76  | -43.74 | -46.36 | -44.19 |        |        |        |        |        | -32.09 | -21.25 | 10.84 |
| HE40, M0.3 to M11.3-BF | 3 | 6.00  | -42.60 | -43.43 | -40.68 |        |        |        |        |        | -31.31 | -21.25 | 10.06 |
| HE40, M0.1 to M11.1-BF | 4 | 12.02 | -48.87 | -52.59 | -50.76 | -51.25 |        |        |        |        | -32.62 | -21.25 | 11.37 |
| HE40, M0.2 to M11.2-BF | 4 | 9.01  | -47.81 | -49.35 | -46.87 | -47.84 |        |        |        |        | -32.85 | -21.25 | 11.60 |
| HE40, M0.3 to M11.3-BF | 4 | 7.25  | -44.84 | -44.80 | -45.23 | -43.46 |        |        |        |        | -31.26 | -21.25 | 10.01 |
| HE40, M0.4 to M11.4-BF | 4 | 6.00  | -44.52 | -44.86 | -43.98 | -42.65 |        |        |        |        | -31.90 | -21.25 | 10.65 |
| HE40, M0.1 to M11.1-BF | 6 | 13.78 | -51.77 | -54.93 | -51.61 |        | -52.52 | -53.54 | -53.37 |        | -31.25 | -21.25 | 10.00 |
| HE40, M0.2 to M11.2-BF | 6 | 10.77 | -50.90 | -50.68 | -51.36 |        | -51.07 | -52.61 | -50.02 |        | -32.48 | -21.25 | 11.23 |
| HE40, M0.3 to M11.3-BF | 6 | 9.01  | -45.39 | -50.94 | -47.29 |        | -48.02 | -49.35 | -48.47 |        | -31.11 | -21.25 | 9.86  |
| HE40, M0.4 to M11.4-BF | 6 | 7.76  | -41.16 | -49.74 | -47.06 |        | -44.60 | -48.57 | -47.40 |        | -29.85 | -21.25 | 8.60  |
| HE40, M0.5 to M11.5-BF | 6 | 6.79  | -46.10 | -48.66 | -46.64 |        | -44.95 | -46.88 | -43.06 |        | -31.12 | -21.25 | 9.87  |
| HE40, M0.6 to M11.6-BF | 6 | 6.00  | -43.17 | -46.72 | -46.04 |        | -45.54 | -47.75 | -44.85 |        | -31.65 | -21.25 | 10.40 |
| HE40, M0.1 to M11.1-BF | 8 | 15.03 | -55.28 | -55.70 | -55.66 | -56.00 | -56.03 | -55.42 | -54.71 | -53.73 | -31.19 | -21.25 | 9.94  |
| HE40, M0.2 to M11.2-BF | 8 | 12.02 | -54.19 | -54.35 | -54.85 | -52.39 | -49.91 | -54.23 | -51.68 | -52.90 | -31.70 | -21.25 | 10.45 |
| HE40, M0.3 to M11.3-BF | 8 | 10.26 | -51.06 | -53.87 | -50.77 | -52.17 | -50.27 | -51.90 | -48.86 | -49.77 | -31.56 | -21.25 | 10.31 |
| HE40, M0.4 to M11.4-BF | 8 | 9.01  | -50.08 | -49.55 | -49.75 | -52.09 | -48.23 | -51.97 | -49.64 | -50.71 | -32.05 | -21.25 | 10.80 |
| HE40, M0.5 to M11.5-BF | 8 | 8.04  | -44.78 | -51.43 | -48.14 | -50.09 | -48.17 | -50.67 | -46.94 | -48.46 | -31.03 | -21.25 | 9.78  |
| HE40, M0.6 to M11.6-BF | 8 | 7.25  | -49.39 | -48.96 | -47.94 | -50.41 | -48.28 | -50.41 | -48.13 | -46.55 | -32.30 | -21.25 | 11.05 |
| HE40, M0.7 to M11.7-BF | 8 | 6.58  | -46.86 | -50.09 | -45.04 | -47.37 | -47.38 | -46.80 | -46.84 | -46.73 | -31.35 | -21.25 | 10.10 |
| HE40, M0.8 to M11.8-BF | 8 | 6.00  | -45.45 | -46.86 | -45.37 | -46.08 | -43.75 | -45.43 | -45.80 | -44.90 | -30.34 | -21.25 | 9.09  |
| HE40, M0 to M11-STBC   | 2 | 6.00  | -41.09 | -41.49 |        |        |        |        |        |        | -32.27 | -21.25 | 11.02 |
| HE40, M0 to M11-STBC   | 3 | 6.00  | -40.77 | -43.38 | -41.06 |        |        |        |        |        | -30.82 | -21.25 | 9.57  |



|                      |   |      |        |        |        |        |        |        |        |        |        |        |       |
|----------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE40, M0 to M11-STBC | 4 | 6.00 | -40.61 | -45.55 | -44.24 | -42.24 |        |        |        |        | -30.73 | -21.25 | 9.48  |
| HE40, M0 to M11-STBC | 6 | 6.00 | -43.11 | -46.00 | -44.16 |        | -42.75 | -44.68 | -42.24 |        | -29.86 | -21.25 | 8.61  |
| HE40, M0 to M11-STBC | 8 | 6.00 | -47.73 | -49.61 | -47.98 | -47.35 | -46.35 | -48.28 | -45.44 | -43.80 | -31.68 | -21.25 | 10.43 |

## 5190 MHz (Average):

| Mode                               | Tx paths | correlated antenna gain (dBi) | Tx 1 Band-edge (dBm) | Tx 2 Band-edge (dBm) | Tx 3 Band-edge (dBm) | Tx 4 Band-edge (dBm) | Tx 5 Band-edge (dBm) | Tx 6 Band-edge (dBm) | Tx 7 Band-edge (dBm) | Tx 8 Band-edge (dBm) | DCCF (dB) | Total (dBm) | FCC Average Limit (dBm) | Margin (dB) |
|------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------|-------------|-------------------------|-------------|
| non HT40, 6 to 54 Mbps             | 1        | 6.00                          | -44.13               |                      |                      |                      |                      |                      |                      |                      | 0.72      | -43.41      | -41.25                  | 2.16        |
| non HT40, 6 to 54 Mbps             | 2        | 6.00                          | -50.46               | -50.47               |                      |                      |                      |                      |                      |                      | 0.72      | -41.45      | -41.25                  | 0.20        |
| non HT40, 6 to 54 Mbps             | 3        | 6.00                          | -54.68               | -55.02               | -56.33               |                      |                      |                      |                      |                      | 0.72      | -44.52      | -41.25                  | 3.27        |
| non HT40, 6 to 54 Mbps             | 4        | 6.00                          | -53.83               | -54.73               | -52.67               | -53.55               |                      |                      |                      |                      | 0.72      | -41.61      | -41.25                  | 0.36        |
| non HT40, 6 to 54 Mbps             | 6        | 9.00                          | -57.57               | -63.41               | -57.42               |                      | -57.86               | -57.60               | -57.78               |                      | 0.72      | -41.43      | -41.25                  | 0.18        |
| non HT40, 6 to 54 Mbps             | 8        | 9.00                          | -59.31               | -59.86               | -60.15               | -59.75               | -59.30               | -59.47               | -58.97               | -59.01               | 0.72      | -41.43      | -41.25                  | 0.18        |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 1        | 6.00                          | -52.00               |                      |                      |                      |                      |                      |                      |                      | 0.54      | -45.46      | -41.25                  | 4.21        |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 2        | 6.00                          | -52.43               | -53.37               |                      |                      |                      |                      |                      |                      | 0.54      | -43.32      | -41.25                  | 2.07        |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 2        | 6.00                          | -52.07               | -53.32               |                      |                      |                      |                      |                      |                      | 0.54      | -43.10      | -41.25                  | 1.85        |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 3        | 6.00                          | -52.78               | -52.72               | -52.48               |                      |                      |                      |                      |                      | 0.54      | -41.35      | -41.25                  | 0.10        |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 3        | 6.00                          | -52.36               | -52.92               | -53.07               |                      |                      |                      |                      |                      | 0.54      | -41.46      | -41.25                  | 0.21        |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 3        | 6.00                          | -65.50               | -56.11               | -51.59               |                      |                      |                      |                      |                      | 0.54      | -43.61      | -41.25                  | 2.36        |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 4        | 6.00                          | -53.83               | -55.83               | -54.12               | -54.21               |                      |                      |                      |                      | 0.54      | -41.87      | -41.25                  | 0.62        |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 4        | 6.00                          | -54.10               | -55.43               | -53.99               | -53.95               |                      |                      |                      |                      | 0.54      | -41.77      | -41.25                  | 0.52        |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 4        | 6.00                          | -54.15               | -55.58               | -53.96               | -54.24               |                      |                      |                      |                      | 0.54      | -41.88      | -41.25                  | 0.63        |
| HT/VHT40, M24 to M31, M0.4 to M9.4 | 4        | 6.00                          | -53.65               | -55.70               | -54.10               | -53.69               |                      |                      |                      |                      | 0.54      | -41.65      | -41.25                  | 0.40        |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 6        | 6.00                          | -55.74               | -58.14               | -55.46               |                      | -55.26               | -56.60               | -55.13               |                      | 0.54      | -41.62      | -41.25                  | 0.37        |
| HT/VHT40, M8 to M15, M0.2 to M9.2  | 6        | 6.00                          | -55.87               | -57.32               | -55.47               |                      | -55.13               | -56.57               | -55.16               |                      | 0.54      | -41.53      | -41.25                  | 0.28        |
| HT/VHT40, M16 to M23, M0.3 to M9.3 | 6        | 6.00                          | -55.69               | -57.09               | -55.88               |                      | -55.44               | -56.17               | -55.27               |                      | 0.54      | -41.56      | -41.25                  | 0.31        |
| HT/VHT40, M24 to M31, M0.4 to M9.4 | 6        | 6.00                          | -55.29               | -57.35               | -55.87               |                      | -55.37               | -56.66               | -54.97               |                      | 0.54      | -41.52      | -41.25                  | 0.27        |
| VHT40, M0.5 to M9.5                | 6        | 6.00                          | -55.72               | -57.48               | -56.72               |                      | -55.39               | -55.52               | -54.90               |                      | 0.54      | -41.55      | -41.25                  | 0.30        |
| VHT40, M0.6 to M9.6                | 6        | 6.00                          | -55.45               | -55.62               | -55.35               |                      | -55.65               | -55.81               | -55.69               |                      | 0.54      | -41.27      | -41.25                  | 0.02        |
| HT/VHT40, M0 to M7, M0.1 to M9.1   | 8        | 6.00                          | -57.30               | -56.78               | -57.56               | -58.00               | -57.27               | -56.59               | -57.38               | -57.19               | 0.54      | -41.67      | -41.25                  | 0.42        |

|                                       |   |       |        |        |        |        |        |        |        |        |      |        |        |      |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|--------|------|
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 8 | 6.00  | -57.17 | -59.18 | -56.69 | -56.77 | -57.45 | -56.72 | -56.92 | -56.66 | 0.54 | -41.56 | -41.25 | 0.31 |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 8 | 6.00  | -57.12 | -59.12 | -57.34 | -57.25 | -57.09 | -57.70 | -56.95 | -56.42 | 0.54 | -41.74 | -41.25 | 0.49 |
| HT/VHT40, M24 to M31, M0.4 to M9.4    | 8 | 6.00  | -57.20 | -56.57 | -57.49 | -57.53 | -57.21 | -58.96 | -56.79 | -56.99 | 0.54 | -41.72 | -41.25 | 0.47 |
| VHT40, M0.5 to M9.5                   | 8 | 6.00  | -57.22 | -59.09 | -56.80 | -56.95 | -57.00 | -58.35 | -56.77 | -55.87 | 0.54 | -41.59 | -41.25 | 0.34 |
| VHT40, M0.6 to M9.6                   | 8 | 6.00  | -56.72 | -57.10 | -61.04 | -56.45 | -56.14 | -57.50 | -55.55 | -57.27 | 0.54 | -41.42 | -41.25 | 0.17 |
| VHT40, M0.7 to M9.7                   | 8 | 6.00  | -56.63 | -57.48 | -56.65 | -57.84 | -56.70 | -56.42 | -56.51 | -56.71 | 0.54 | -41.27 | -41.25 | 0.02 |
| VHT40, M0.8 to M9.8                   | 8 | 6.00  | -57.42 | -58.97 | -57.22 | -57.92 | -57.66 | -58.01 | -56.59 | -56.43 | 0.54 | -41.89 | -41.25 | 0.64 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 2 | 9.01  | -53.28 | -55.07 |        |        |        |        |        |        | 0.54 | -41.52 | -41.25 | 0.27 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 2 | 6.00  | -51.66 | -53.23 |        |        |        |        |        |        | 0.54 | -42.82 | -41.25 | 1.57 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 3 | 10.77 | -58.35 | -57.04 | -57.77 |        |        |        |        |        | 0.54 | -41.61 | -41.25 | 0.36 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 3 | 7.76  | -54.01 | -57.52 | -53.86 |        |        |        |        |        | 0.54 | -41.76 | -41.25 | 0.51 |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 3 | 6.00  | -53.48 | -55.27 | -53.94 |        |        |        |        |        | 0.54 | -42.85 | -41.25 | 1.60 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 4 | 12.02 | -59.83 | -59.29 | -59.83 | -61.37 |        |        |        |        | 0.54 | -41.43 | -41.25 | 0.18 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 4 | 9.01  | -57.29 | -57.14 | -57.78 | -57.65 |        |        |        |        | 0.54 | -41.89 | -41.25 | 0.64 |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 4 | 7.25  | -54.93 | -56.93 | -55.36 | -55.42 |        |        |        |        | 0.54 | -41.79 | -41.25 | 0.54 |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 4 | 6.00  | -53.98 | -55.41 | -54.23 | -53.32 |        |        |        |        | 0.54 | -41.61 | -41.25 | 0.36 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 6 | 13.78 | -62.90 | -64.26 | -63.01 |        | -62.93 | -64.29 | -63.11 |        | 0.54 | -41.27 | -41.25 | 0.02 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 6 | 10.77 | -61.19 | -61.01 | -60.91 |        | -61.12 | -61.17 | -60.79 |        | 0.54 | -41.94 | -41.25 | 0.69 |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 6 | 9.01  | -58.73 | -60.65 | -59.09 |        | -58.71 | -59.83 | -58.17 |        | 0.54 | -41.79 | -41.25 | 0.54 |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 6 | 7.76  | -57.38 | -59.42 | -57.58 |        | -57.49 | -58.15 | -56.76 |        | 0.54 | -41.64 | -41.25 | 0.39 |
| VHT40, M0.5 to M9.5-BF                | 6 | 6.79  | -57.06 | -56.82 | -57.17 |        | -56.88 | -57.77 | -55.98 |        | 0.54 | -41.80 | -41.25 | 0.55 |
| VHT40, M0.6 to M9.6-BF                | 6 | 6.00  | -55.85 | -57.16 | -56.01 |        | -55.26 | -55.87 | -54.75 |        | 0.54 | -41.43 | -41.25 | 0.18 |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 8 | 15.03 | -66.07 | -66.57 | -66.23 | -65.83 | -65.93 | -66.29 | -65.97 | -65.61 | 0.54 | -41.45 | -41.25 | 0.20 |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 8 | 12.02 | -62.93 | -63.79 | -63.43 | -62.71 | -63.12 | -63.95 | -63.05 | -62.65 | 0.54 | -41.59 | -41.25 | 0.34 |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 8 | 10.26 | -61.47 | -61.01 | -61.48 | -62.96 | -61.70 | -62.78 | -61.18 | -61.04 | 0.54 | -41.82 | -41.25 | 0.57 |
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 8 | 9.01  | -59.40 | -61.31 | -60.55 | -60.58 | -60.19 | -60.82 | -59.63 | -59.38 | 0.54 | -41.60 | -41.25 | 0.35 |
| VHT40, M0.5 to M9.5-BF                | 8 | 8.04  | -59.87 | -59.84 | -59.93 | -59.29 | -59.65 | -59.53 | -59.44 | -58.58 | 0.54 | -41.89 | -41.25 | 0.64 |
| VHT40, M0.6 to M9.6-BF                | 8 | 7.25  | -58.70 | -58.78 | -58.56 | -58.51 | -59.14 | -59.28 | -58.71 | -57.82 | 0.54 | -41.85 | -41.25 | 0.60 |

|                                   |   |      |        |        |        |        |        |        |        |        |      |        |        |      |
|-----------------------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|--------|------|
| VHT40, M0.7 to M9.7-BF            | 8 | 6.58 | -57.42 | -58.83 | -57.18 | -57.34 | -56.72 | -57.88 | -56.64 | -58.67 | 0.54 | -41.37 | -41.25 | 0.12 |
| VHT40, M0.8 to M9.8-BF            | 8 | 6.00 | -57.40 | -59.04 | -57.45 | -57.27 | -57.38 | -57.99 | -56.93 | -56.79 | 0.54 | -41.91 | -41.25 | 0.66 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 2 | 6.00 | -52.87 | -53.71 |        |        |        |        |        |        | 0.54 | -43.72 | -41.25 | 2.47 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 3 | 6.00 | -54.70 | -55.00 | -53.77 |        |        |        |        |        | 0.54 | -43.15 | -41.25 | 1.90 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 4 | 6.00 | -54.11 | -54.92 | -53.62 | -53.48 |        |        |        |        | 0.54 | -41.44 | -41.25 | 0.19 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 6 | 6.00 | -56.52 | -57.36 | -55.97 |        | -55.43 | -56.51 | -54.73 |        | 0.54 | -41.68 | -41.25 | 0.43 |
| HT/VHT40, M0 to M7, M0 to M9-STBC | 8 | 6.00 | -57.28 | -57.90 | -58.18 | -57.43 | -57.57 | -58.05 | -56.97 | -55.96 | 0.54 | -41.79 | -41.25 | 0.54 |
| HE40, M0.1 to M11.1               | 1 | 6.00 | -50.75 |        |        |        |        |        |        |        | 0.54 | -44.21 | -41.25 | 2.96 |
| HE40, M0.1 to M11.1               | 2 | 6.00 | -52.53 | -54.28 |        |        |        |        |        |        | 0.54 | -43.77 | -41.25 | 2.52 |
| HE40, M0.2 to M11.2               | 2 | 6.00 | -50.61 | -51.19 |        |        |        |        |        |        | 0.54 | -41.34 | -41.25 | 0.09 |
| HE40, M0.1 to M11.1               | 3 | 6.00 | -52.78 | -52.30 | -52.90 |        |        |        |        |        | 0.54 | -41.34 | -41.25 | 0.09 |
| HE40, M0.2 to M11.2               | 3 | 6.00 | -53.04 | -52.50 | -52.58 |        |        |        |        |        | 0.54 | -41.39 | -41.25 | 0.14 |
| HE40, M0.3 to M11.3               | 3 | 6.00 | -53.23 | -52.81 | -52.92 |        |        |        |        |        | 0.54 | -41.67 | -41.25 | 0.42 |
| HE40, M0.1 to M11.1               | 4 | 6.00 | -54.64 | -53.74 | -54.43 | -54.69 |        |        |        |        | 0.54 | -41.80 | -41.25 | 0.55 |
| HE40, M0.2 to M11.2               | 4 | 6.00 | -54.94 | -53.98 | -54.42 | -54.47 |        |        |        |        | 0.54 | -41.88 | -41.25 | 0.63 |
| HE40, M0.3 to M11.3               | 4 | 6.00 | -54.82 | -53.95 | -54.59 | -54.70 |        |        |        |        | 0.54 | -41.94 | -41.25 | 0.69 |
| HE40, M0.4 to M11.4               | 4 | 6.00 | -54.65 | -53.93 | -54.37 | -54.75 |        |        |        |        | 0.54 | -41.85 | -41.25 | 0.60 |
| HE40, M0.1 to M11.1               | 6 | 6.00 | -56.69 | -55.34 | -56.64 |        | -56.43 | -54.31 | -56.22 |        | 0.54 | -41.53 | -41.25 | 0.28 |
| HE40, M0.2 to M11.2               | 6 | 6.00 | -56.85 | -53.72 | -56.60 |        | -56.28 | -56.99 | -55.71 |        | 0.54 | -41.55 | -41.25 | 0.30 |
| HE40, M0.3 to M11.3               | 6 | 6.00 | -56.26 | -53.86 | -56.88 |        | -56.39 | -56.99 | -55.70 |        | 0.54 | -41.55 | -41.25 | 0.30 |
| HE40, M0.4 to M11.4               | 6 | 6.00 | -56.66 | -53.93 | -56.53 |        | -56.71 | -56.75 | -55.80 |        | 0.54 | -41.61 | -41.25 | 0.36 |
| HE40, M0.5 to M11.5               | 6 | 6.00 | -56.08 | -54.40 | -56.29 |        | -56.02 | -56.93 | -55.60 |        | 0.54 | -41.49 | -41.25 | 0.24 |
| HE40, M0.6 to M11.6               | 6 | 6.00 | -56.58 | -54.18 | -56.23 |        | -56.05 | -57.11 | -55.65 |        | 0.54 | -41.54 | -41.25 | 0.29 |
| HE40, M0.1 to M11.1               | 8 | 6.00 | -58.25 | -56.51 | -58.68 | -56.33 | -58.25 | -56.19 | -57.38 | -57.41 | 0.54 | -41.71 | -41.25 | 0.46 |
| HE40, M0.2 to M11.2               | 8 | 6.00 | -57.86 | -56.14 | -58.06 | -58.49 | -58.26 | -56.22 | -57.34 | -58.34 | 0.54 | -41.93 | -41.25 | 0.68 |
| HE40, M0.3 to M11.3               | 8 | 6.00 | -56.50 | -56.31 | -57.43 | -57.88 | -57.85 | -57.93 | -57.66 | -57.57 | 0.54 | -41.78 | -41.25 | 0.53 |
| HE40, M0.4 to M11.4               | 8 | 6.00 | -56.37 | -56.09 | -58.03 | -57.65 | -58.16 | -58.48 | -57.42 | -57.74 | 0.54 | -41.85 | -41.25 | 0.60 |
| HE40, M0.5 to M11.5               | 8 | 6.00 | -56.21 | -56.22 | -58.31 | -58.03 | -58.22 | -58.65 | -57.35 | -57.48 | 0.54 | -41.90 | -41.25 | 0.65 |

|                        |   |       |        |        |        |        |        |        |        |        |      |        |        |      |
|------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|--------|------|
| HE40, M0.6 to M11.6    | 8 | 6.00  | -56.62 | -56.56 | -58.25 | -58.06 | -58.35 | -56.79 | -57.37 | -56.83 | 0.54 | -41.73 | -41.25 | 0.48 |
| HE40, M0.7 to M11.7    | 8 | 6.00  | -56.39 | -56.01 | -58.40 | -56.61 | -57.91 | -58.67 | -57.58 | -57.43 | 0.54 | -41.71 | -41.25 | 0.46 |
| HE40, M0.8 to M11.8    | 8 | 6.00  | -56.70 | -55.98 | -58.02 | -58.48 | -57.70 | -59.00 | -57.04 | -56.95 | 0.54 | -41.81 | -41.25 | 0.56 |
| HE40, M0.1 to M11.1-BF | 2 | 9.01  | -54.40 | -54.05 |        |        |        |        |        |        | 0.54 | -41.66 | -41.25 | 0.41 |
| HE40, M0.2 to M11.2-BF | 2 | 6.00  | -50.46 | -51.60 |        |        |        |        |        |        | 0.54 | -41.44 | -41.25 | 0.19 |
| HE40, M0.1 to M11.1-BF | 3 | 10.77 | -57.06 | -58.06 | -58.25 |        |        |        |        |        | 0.54 | -41.68 | -41.25 | 0.43 |
| HE40, M0.2 to M11.2-BF | 3 | 7.76  | -54.55 | -54.60 | -55.24 |        |        |        |        |        | 0.54 | -41.71 | -41.25 | 0.46 |
| HE40, M0.3 to M11.3-BF | 3 | 6.00  | -52.98 | -53.05 | -53.02 |        |        |        |        |        | 0.54 | -41.71 | -41.25 | 0.46 |
| HE40, M0.1 to M11.1-BF | 4 | 12.02 | -60.47 | -60.57 | -60.56 | -60.47 |        |        |        |        | 0.54 | -41.94 | -41.25 | 0.69 |
| HE40, M0.2 to M11.2-BF | 4 | 9.01  | -56.71 | -57.79 | -56.64 | -57.93 |        |        |        |        | 0.54 | -41.66 | -41.25 | 0.41 |
| HE40, M0.3 to M11.3-BF | 4 | 7.25  | -54.61 | -55.30 | -59.25 | -54.94 |        |        |        |        | 0.54 | -41.87 | -41.25 | 0.62 |
| HE40, M0.4 to M11.4-BF | 4 | 6.00  | -54.36 | -54.41 | -54.62 | -54.56 |        |        |        |        | 0.54 | -41.93 | -41.25 | 0.68 |
| HE40, M0.1 to M11.1-BF | 6 | 13.78 | -63.12 | -64.33 | -63.51 |        | -63.42 | -64.27 | -64.74 |        | 0.54 | -41.76 | -41.25 | 0.51 |
| HE40, M0.2 to M11.2-BF | 6 | 10.77 | -60.45 | -60.60 | -60.50 |        | -60.43 | -62.49 | -60.41 |        | 0.54 | -41.66 | -41.25 | 0.41 |
| HE40, M0.3 to M11.3-BF | 6 | 9.01  | -58.67 | -59.04 | -59.25 |        | -59.10 | -61.00 | -58.67 |        | 0.54 | -41.89 | -41.25 | 0.64 |
| HE40, M0.4 to M11.4-BF | 6 | 7.76  | -57.80 | -58.09 | -58.47 |        | -57.99 | -58.11 | -57.75 |        | 0.54 | -41.95 | -41.25 | 0.70 |
| HE40, M0.5 to M11.5-BF | 6 | 6.79  | -56.75 | -58.26 | -56.75 |        | -56.13 | -57.32 | -55.51 |        | 0.54 | -41.59 | -41.25 | 0.34 |
| HE40, M0.6 to M11.6-BF | 6 | 6.00  | -56.08 | -56.26 | -56.96 |        | -56.29 | -56.25 | -55.73 |        | 0.54 | -41.92 | -41.25 | 0.67 |
| HE40, M0.1 to M11.1-BF | 8 | 15.03 | -66.08 | -66.50 | -65.61 | -65.90 | -67.06 | -66.22 | -65.94 | -66.10 | 0.54 | -41.56 | -41.25 | 0.31 |
| HE40, M0.2 to M11.2-BF | 8 | 12.02 | -63.04 | -64.42 | -63.71 | -63.34 | -63.06 | -63.95 | -63.06 | -62.41 | 0.54 | -41.74 | -41.25 | 0.49 |
| HE40, M0.3 to M11.3-BF | 8 | 10.26 | -60.48 | -62.45 | -60.96 | -62.25 | -60.62 | -61.73 | -60.29 | -60.99 | 0.54 | -41.32 | -41.25 | 0.07 |
| HE40, M0.4 to M11.4-BF | 8 | 9.01  | -58.90 | -60.81 | -60.97 | -60.53 | -60.54 | -60.34 | -60.49 | -60.67 | 0.54 | -41.78 | -41.25 | 0.53 |
| HE40, M0.5 to M11.5-BF | 8 | 8.04  | -58.46 | -60.84 | -59.83 | -59.97 | -58.73 | -60.50 | -58.66 | -59.07 | 0.54 | -41.82 | -41.25 | 0.57 |
| HE40, M0.6 to M11.6-BF | 8 | 7.25  | -58.55 | -58.50 | -59.37 | -58.83 | -59.19 | -59.02 | -58.35 | -58.31 | 0.54 | -41.93 | -41.25 | 0.68 |
| HE40, M0.7 to M11.7-BF | 8 | 6.58  | -57.84 | -57.62 | -58.61 | -58.59 | -58.34 | -58.75 | -57.40 | -57.47 | 0.54 | -41.90 | -41.25 | 0.65 |
| HE40, M0.8 to M11.8-BF | 8 | 6.00  | -57.41 | -58.17 | -57.15 | -56.99 | -56.37 | -56.62 | -55.97 | -58.45 | 0.54 | -41.50 | -41.25 | 0.25 |
| HE40, M0 to M11-STBC   | 2 | 6.00  | -52.52 | -54.52 |        |        |        |        |        |        | 0.54 | -43.86 | -41.25 | 2.61 |
| HE40, M0 to M11-STBC   | 3 | 6.00  | -53.04 | -53.98 | -52.64 |        |        |        |        |        | 0.54 | -41.87 | -41.25 | 0.62 |

|                      |   |      |        |        |        |        |        |        |        |        |      |        |        |      |
|----------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|--------|------|
| HE40, M0 to M11-STBC | 4 | 6.00 | -54.23 | -54.45 | -54.67 | -54.33 |        |        |        |        | 0.54 | -41.86 | -41.25 | 0.61 |
| HE40, M0 to M11-STBC | 6 | 6.00 | -54.83 | -56.16 | -55.99 |        | -55.98 | -55.05 | -56.09 |        | 0.54 | -41.33 | -41.25 | 0.08 |
| HE40, M0 to M11-STBC | 8 | 6.00 | -55.75 | -56.10 | -58.13 | -58.26 | -58.08 | -58.88 | -57.34 | -57.65 | 0.54 | -41.83 | -41.25 | 0.58 |

## 5210 MHz (Peak):

| Mode                   | Tx paths | correlated antenna gain (dBi) | Tx 1 Band-edge (dBm) | Tx 2 Band-edge (dBm) | Tx 3 Band-edge (dBm) | Tx 4 Band-edge (dBm) | Tx 5 Band-edge (dBm) | Tx 6 Band-edge (dBm) | Tx 7 Band-edge (dBm) | Tx 8 Band-edge (dBm) | Total (dBm) | FCC Peak Limit (dBm) | Margin (dB) |
|------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-------------|----------------------|-------------|
| non HT80, 6 to 54 Mbps | 1        | 6.00                          | -30.94               |                      |                      |                      |                      |                      |                      |                      | -30.94      | -21.25               | 9.69        |
| non HT80, 6 to 54 Mbps | 2        | 6.00                          | -30.36               | -39.73               |                      |                      |                      |                      |                      |                      | -23.88      | -21.25               | 2.63        |
| non HT80, 6 to 54 Mbps | 3        | 6.00                          | -33.57               | -40.74               | -41.16               |                      |                      |                      |                      |                      | -26.22      | -21.25               | 4.97        |
| non HT80, 6 to 54 Mbps | 4        | 6.00                          | -44.09               | -45.27               | -42.99               | -43.44               |                      |                      |                      |                      | -31.84      | -21.25               | 10.59       |
| non HT80, 6 to 54 Mbps | 6        | 9.00                          | -37.43               | -50.13               | -48.21               |                      | -48.52               | -48.90               | -48.37               |                      | -27.07      | -21.25               | 5.82        |
| non HT80, 6 to 54 Mbps | 8        | 9.00                          | -47.69               | -50.50               | -47.64               | -48.38               | -48.85               | -47.04               | -48.29               | -48.64               | -30.24      | -21.25               | 8.99        |
| VHT80, M0.1 to M9.1    | 1        | 6.00                          | -32.36               |                      |                      |                      |                      |                      |                      |                      | -26.36      | -21.25               | 5.11        |
| VHT80, M0.1 to M9.1    | 2        | 6.00                          | -40.11               | -42.76               |                      |                      |                      |                      |                      |                      | -32.23      | -21.25               | 10.98       |
| VHT80, M0.2 to M9.2    | 2        | 6.00                          | -41.35               | -42.60               |                      |                      |                      |                      |                      |                      | -32.92      | -21.25               | 11.67       |
| VHT80, M0.1 to M9.1    | 3        | 6.00                          | -43.14               | -44.78               | -42.14               |                      |                      |                      |                      |                      | -32.45      | -21.25               | 11.20       |
| VHT80, M0.2 to M9.2    | 3        | 6.00                          | -43.77               | -45.20               | -42.58               |                      |                      |                      |                      |                      | -32.95      | -21.25               | 11.70       |
| VHT80, M0.3 to M9.3    | 3        | 6.00                          | -43.02               | -43.68               | -43.17               |                      |                      |                      |                      |                      | -32.51      | -21.25               | 11.26       |
| VHT80, M0.1 to M9.1    | 4        | 6.00                          | -42.07               | -45.14               | -43.36               | -42.73               |                      |                      |                      |                      | -31.16      | -21.25               | 9.91        |
| VHT80, M0.2 to M9.2    | 4        | 6.00                          | -43.33               | -45.55               | -43.20               | -41.43               |                      |                      |                      |                      | -31.12      | -21.25               | 9.87        |
| VHT80, M0.3 to M9.3    | 4        | 6.00                          | -36.22               | -45.18               | -42.46               | -43.65               |                      |                      |                      |                      | -28.33      | -21.25               | 7.08        |
| VHT80, M0.4 to M9.4    | 4        | 6.00                          | -43.07               | -45.06               | -43.31               | -42.22               |                      |                      |                      |                      | -31.28      | -21.25               | 10.03       |
| VHT80, M0.1 to M9.1    | 6        | 6.00                          | -44.59               | -45.36               | -44.94               |                      | -45.49               | -44.46               | -43.37               |                      | -30.86      | -21.25               | 9.61        |
| VHT80, M0.2 to M9.2    | 6        | 6.00                          | -46.11               | -47.77               | -45.13               |                      | -44.34               | -45.45               | -44.94               |                      | -31.71      | -21.25               | 10.46       |
| VHT80, M0.3 to M9.3    | 6        | 6.00                          | -45.75               | -47.93               | -45.90               |                      | -44.35               | -43.90               | -44.45               |                      | -31.41      | -21.25               | 10.16       |
| VHT80, M0.4 to M9.4    | 6        | 6.00                          | -45.77               | -46.57               | -45.12               |                      | -45.42               | -45.42               | -44.73               |                      | -31.69      | -21.25               | 10.44       |
| VHT80, M0.5 to M9.5    | 6        | 6.00                          | -45.56               | -45.95               | -44.95               |                      | -45.14               | -45.65               | -43.66               |                      | -31.30      | -21.25               | 10.05       |
| VHT80, M0.6 to M9.6    | 6        | 6.00                          | -44.99               | -46.12               | -44.94               |                      | -45.38               | -45.25               | -44.10               |                      | -31.30      | -21.25               | 10.05       |
| VHT80, M0.1 to M9.1    | 8        | 6.00                          | -45.09               | -45.47               | -43.37               | -46.93               | -43.28               | -45.33               | -42.46               | -45.60               | -29.43      | -21.25               | 8.18        |

|                     |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT80, M0.2 to M9.2 | 8 | 6.00  | -45.55 | -47.82 | -44.65 | -45.98 | -46.86 | -46.90 | -44.66 | -45.13 | -30.78 | -21.25 | 9.53  |
| VHT80, M0.3 to M9.3 | 8 | 6.00  | -37.52 | -47.72 | -43.69 | -45.68 | -42.46 | -47.30 | -45.07 | -45.94 | -28.02 | -21.25 | 6.77  |
| VHT80, M0.4 to M9.4 | 8 | 6.00  | -44.28 | -47.62 | -45.32 | -47.15 | -46.47 | -47.01 | -45.70 | -46.03 | -31.04 | -21.25 | 9.79  |
| VHT80, M0.5 to M9.5 | 8 | 6.00  | -45.47 | -47.19 | -44.39 | -47.85 | -46.51 | -47.68 | -44.79 | -45.40 | -30.95 | -21.25 | 9.70  |
| VHT80, M0.6 to M9.6 | 8 | 6.00  | -46.05 | -47.07 | -45.79 | -48.33 | -46.58 | -47.05 | -45.50 | -44.57 | -31.20 | -21.25 | 9.95  |
| VHT80, M0.7 to M9.7 | 8 | 6.00  | -45.08 | -47.14 | -46.08 | -46.69 | -42.59 | -47.26 | -45.82 | -45.42 | -30.47 | -21.25 | 9.22  |
| VHT80, M0.8 to M9.8 | 8 | 6.00  | -44.27 | -43.74 | -44.82 | -47.58 | -44.79 | -46.66 | -43.02 | -45.24 | -29.77 | -21.25 | 8.52  |
| VHT80, M0.1 to M9.1 | 2 | 9.01  | -42.17 | -44.49 |        |        |        |        |        |        | -31.15 | -21.25 | 9.90  |
| VHT80, M0.2 to M9.2 | 2 | 6.00  | -40.41 | -42.91 |        |        |        |        |        |        | -32.47 | -21.25 | 11.22 |
| VHT80, M0.1 to M9.1 | 3 | 10.77 | -44.40 | -47.22 | -43.21 |        |        |        |        |        | -29.10 | -21.25 | 7.85  |
| VHT80, M0.2 to M9.2 | 3 | 7.76  | -45.45 | -47.20 | -46.13 |        |        |        |        |        | -33.67 | -21.25 | 12.42 |
| VHT80, M0.3 to M9.3 | 3 | 6.00  | -43.29 | -45.20 | -43.62 |        |        |        |        |        | -33.19 | -21.25 | 11.94 |
| VHT80, M0.1 to M9.1 | 4 | 12.02 | -50.35 | -51.77 | -50.05 | -49.39 |        |        |        |        | -32.26 | -21.25 | 11.01 |
| VHT80, M0.2 to M9.2 | 4 | 9.01  | -46.25 | -46.78 | -44.50 | -48.47 |        |        |        |        | -31.24 | -21.25 | 9.99  |
| VHT80, M0.3 to M9.3 | 4 | 7.25  | -43.12 | -45.54 | -44.49 | -43.68 |        |        |        |        | -30.84 | -21.25 | 9.59  |
| VHT80, M0.4 to M9.4 | 4 | 6.00  | -33.94 | -44.40 | -42.84 | -42.31 |        |        |        |        | -26.59 | -21.25 | 5.34  |
| VHT80, M0.1 to M9.1 | 6 | 13.78 | -53.05 | -54.63 | -53.77 |        | -53.70 | -54.05 | -52.72 |        | -32.05 | -21.25 | 10.80 |
| VHT80, M0.2 to M9.2 | 6 | 10.77 | -38.06 | -52.64 | -49.99 |        | -51.24 | -51.33 | -48.61 |        | -26.21 | -21.25 | 4.96  |
| VHT80, M0.3 to M9.3 | 6 | 9.01  | -40.13 | -49.33 | -47.91 |        | -48.13 | -47.92 | -47.58 |        | -28.58 | -21.25 | 7.33  |
| VHT80, M0.4 to M9.4 | 6 | 7.76  | -44.96 | -46.06 | -44.80 |        | -47.10 | -47.29 | -46.45 |        | -30.46 | -21.25 | 9.21  |
| VHT80, M0.5 to M9.5 | 6 | 6.79  | -42.01 | -47.77 | -44.36 |        | -44.43 | -44.59 | -44.81 |        | -29.78 | -21.25 | 8.53  |
| VHT80, M0.6 to M9.6 | 6 | 6.00  | -45.75 | -46.40 | -43.73 |        | -39.74 | -44.93 | -44.81 |        | -29.80 | -21.25 | 8.55  |
| VHT80, M0.1 to M9.1 | 8 | 15.03 | -44.37 | -56.58 | -55.05 | -55.52 | -51.94 | -54.06 | -54.10 | -55.60 | -27.07 | -21.25 | 5.82  |
| VHT80, M0.2 to M9.2 | 8 | 12.02 | -52.14 | -53.18 | -53.67 | -51.29 | -52.95 | -54.16 | -51.90 | -49.11 | -30.96 | -21.25 | 9.71  |
| VHT80, M0.3 to M9.3 | 8 | 10.26 | -40.59 | -51.22 | -49.77 | -50.67 | -50.80 | -51.04 | -50.33 | -49.26 | -27.94 | -21.25 | 6.69  |
| VHT80, M0.4 to M9.4 | 8 | 9.01  | -37.49 | -52.11 | -49.87 | -49.33 | -51.08 | -48.82 | -50.15 | -49.75 | -27.06 | -21.25 | 5.81  |
| VHT80, M0.5 to M9.5 | 8 | 8.04  | -45.76 | -49.99 | -48.09 | -46.90 | -42.80 | -48.43 | -47.65 | -48.27 | -29.62 | -21.25 | 8.37  |
| VHT80, M0.6 to M9.6 | 8 | 7.25  | -38.76 | -49.82 | -46.89 | -47.48 | -49.18 | -48.74 | -47.34 | -49.05 | -28.98 | -21.25 | 7.73  |



|                     |   |      |        |        |        |        |        |        |        |        |        |        |       |
|---------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT80, M0.7 to M9.7 | 8 | 6.58 | -44.91 | -46.17 | -45.10 | -48.11 | -45.32 | -47.04 | -45.41 | -45.83 | -30.26 | -21.25 | 9.01  |
| VHT80, M0.8 to M9.8 | 8 | 6.00 | -38.22 | -47.59 | -44.77 | -47.57 | -44.97 | -47.27 | -44.46 | -46.13 | -28.82 | -21.25 | 7.57  |
| VHT80, M0 to M9     | 2 | 6.00 | -40.73 | -42.64 |        |        |        |        |        |        | -32.57 | -21.25 | 11.32 |
| VHT80, M0 to M9     | 3 | 6.00 | -43.29 | -44.93 | -43.16 |        |        |        |        |        | -32.95 | -21.25 | 11.70 |
| VHT80, M0 to M9     | 4 | 6.00 | -40.33 | -44.36 | -41.81 | -43.15 |        |        |        |        | -30.13 | -21.25 | 8.88  |
| VHT80, M0 to M9     | 6 | 6.00 | -33.68 | -46.02 | -44.62 |        | -44.35 | -44.44 | -43.76 |        | -26.20 | -21.25 | 4.95  |
| VHT80, M0 to M9     | 8 | 6.00 | -42.81 | -45.30 | -43.60 | -48.03 | -45.81 | -46.55 | -42.36 | -44.23 | -29.45 | -21.25 | 8.20  |
| HE80, M0.1 to M11.1 | 1 | 6.00 | -35.45 |        |        |        |        |        |        |        | -29.45 | -21.25 | 8.20  |
| HE80, M0.1 to M11.1 | 2 | 6.00 | -33.90 | -41.00 |        |        |        |        |        |        | -27.13 | -21.25 | 5.88  |
| HE80, M0.2 to M11.2 | 2 | 6.00 | -40.93 | -41.76 |        |        |        |        |        |        | -32.31 | -21.25 | 11.06 |
| HE80, M0.1 to M11.1 | 3 | 6.00 | -42.05 | -43.90 | -42.36 |        |        |        |        |        | -31.93 | -21.25 | 10.68 |
| HE80, M0.2 to M11.2 | 3 | 6.00 | -42.37 | -43.96 | -42.20 |        |        |        |        |        | -32.00 | -21.25 | 10.75 |
| HE80, M0.3 to M11.3 | 3 | 6.00 | -42.25 | -44.84 | -41.77 |        |        |        |        |        | -31.99 | -21.25 | 10.74 |
| HE80, M0.1 to M11.1 | 4 | 6.00 | -34.71 | -43.54 | -43.14 | -41.49 |        |        |        |        | -27.00 | -21.25 | 5.75  |
| HE80, M0.2 to M11.2 | 4 | 6.00 | -41.80 | -44.89 | -42.36 | -42.40 |        |        |        |        | -30.69 | -21.25 | 9.44  |
| HE80, M0.3 to M11.3 | 4 | 6.00 | -42.42 | -44.33 | -42.18 | -42.25 |        |        |        |        | -30.69 | -21.25 | 9.44  |
| HE80, M0.4 to M11.4 | 4 | 6.00 | -43.42 | -43.27 | -41.20 | -42.42 |        |        |        |        | -30.46 | -21.25 | 9.21  |
| HE80, M0.1 to M11.1 | 6 | 6.00 | -44.67 | -45.15 | -44.11 |        | -44.61 | -45.31 | -43.93 |        | -30.82 | -21.25 | 9.57  |
| HE80, M0.2 to M11.2 | 6 | 6.00 | -33.46 | -45.62 | -44.09 |        | -45.17 | -43.45 | -44.92 |        | -26.04 | -21.25 | 4.79  |
| HE80, M0.3 to M11.3 | 6 | 6.00 | -43.77 | -46.32 | -43.33 |        | -44.46 | -44.63 | -43.47 |        | -30.44 | -21.25 | 9.19  |
| HE80, M0.4 to M11.4 | 6 | 6.00 | -43.38 | -45.70 | -45.23 |        | -39.20 | -43.96 | -44.56 |        | -29.25 | -21.25 | 8.00  |
| HE80, M0.5 to M11.5 | 6 | 6.00 | -44.35 | -45.92 | -43.88 |        | -45.23 | -42.52 | -42.62 |        | -30.13 | -21.25 | 8.88  |
| HE80, M0.6 to M11.6 | 6 | 6.00 | -35.79 | -46.17 | -43.84 |        | -39.31 | -44.63 | -44.49 |        | -26.87 | -21.25 | 5.62  |
| HE80, M0.1 to M11.1 | 8 | 6.00 | -46.54 | -49.15 | -45.85 | -43.27 | -47.37 | -46.42 | -46.44 | -46.78 | -31.16 | -21.25 | 9.91  |
| HE80, M0.2 to M11.2 | 8 | 6.00 | -46.39 | -48.31 | -46.87 | -46.98 | -41.66 | -47.33 | -45.41 | -47.52 | -30.75 | -21.25 | 9.50  |
| HE80, M0.3 to M11.3 | 8 | 6.00 | -45.91 | -48.23 | -46.56 | -46.05 | -48.60 | -48.12 | -47.36 | -48.56 | -32.27 | -21.25 | 11.02 |
| HE80, M0.4 to M11.4 | 8 | 6.00 | -47.11 | -48.58 | -47.42 | -46.26 | -41.87 | -47.01 | -46.67 | -48.78 | -31.10 | -21.25 | 9.85  |
| HE80, M0.5 to M11.5 | 8 | 6.00 | -46.09 | -48.62 | -45.41 | -44.95 | -43.92 | -46.86 | -47.06 | -47.24 | -31.02 | -21.25 | 9.77  |

|                        |   |       |        |        |        |        |        |        |        |        |        |        |       |
|------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HE80, M0.6 to M11.6    | 8 | 6.00  | -39.90 | -48.08 | -46.42 | -46.41 | -41.05 | -46.86 | -46.89 | -47.37 | -29.21 | -21.25 | 7.96  |
| HE80, M0.7 to M11.7    | 8 | 6.00  | -46.79 | -48.16 | -47.75 | -46.90 | -47.85 | -46.62 | -46.53 | -45.90 | -31.97 | -21.25 | 10.72 |
| HE80, M0.8 to M11.8    | 8 | 6.00  | -46.57 | -46.54 | -47.16 | -44.96 | -46.25 | -46.20 | -46.68 | -49.03 | -31.52 | -21.25 | 10.27 |
| HE80, M0.1 to M11.1-BF | 2 | 9.01  | -43.44 | -45.50 |        |        |        |        |        |        | -32.33 | -21.25 | 11.08 |
| HE80, M0.2 to M11.2-BF | 2 | 6.00  | -40.46 | -42.60 |        |        |        |        |        |        | -32.39 | -21.25 | 11.14 |
| HE80, M0.1 to M11.1-BF | 3 | 10.77 | -45.29 | -47.98 | -46.79 |        |        |        |        |        | -31.01 | -21.25 | 9.76  |
| HE80, M0.2 to M11.2-BF | 3 | 7.76  | -44.76 | -44.68 | -43.84 |        |        |        |        |        | -31.87 | -21.25 | 10.62 |
| HE80, M0.3 to M11.3-BF | 3 | 6.00  | -42.55 | -42.61 | -42.86 |        |        |        |        |        | -31.90 | -21.25 | 10.65 |
| HE80, M0.1 to M11.1-BF | 4 | 12.02 | -38.25 | -50.80 | -48.88 | -49.41 |        |        |        |        | -25.37 | -21.25 | 4.12  |
| HE80, M0.2 to M11.2-BF | 4 | 9.01  | -46.64 | -48.07 | -46.96 | -46.39 |        |        |        |        | -31.94 | -21.25 | 10.69 |
| HE80, M0.3 to M11.3-BF | 4 | 7.25  | -47.48 | -42.92 | -46.15 | -45.46 |        |        |        |        | -31.90 | -21.25 | 10.65 |
| HE80, M0.4 to M11.4-BF | 4 | 6.00  | -42.54 | -43.87 | -42.75 | -41.89 |        |        |        |        | -30.68 | -21.25 | 9.43  |
| HE80, M0.1 to M11.1-BF | 6 | 13.78 | -53.37 | -53.97 | -51.89 |        | -53.56 | -48.09 | -52.72 |        | -30.16 | -21.25 | 8.91  |
| HE80, M0.2 to M11.2-BF | 6 | 10.77 | -48.91 | -51.55 | -48.92 |        | -50.19 | -50.93 | -50.15 |        | -31.45 | -21.25 | 10.20 |
| HE80, M0.3 to M11.3-BF | 6 | 9.01  | -38.92 | -48.46 | -48.45 |        | -47.34 | -46.46 | -44.95 |        | -27.38 | -21.25 | 6.13  |
| HE80, M0.4 to M11.4-BF | 6 | 7.76  | -44.03 | -48.69 | -46.93 |        | -48.72 | -46.57 | -44.75 |        | -30.71 | -21.25 | 9.46  |
| HE80, M0.5 to M11.5-BF | 6 | 6.79  | -46.64 | -43.98 | -42.57 |        | -45.00 | -46.92 | -46.09 |        | -30.34 | -21.25 | 9.09  |
| HE80, M0.6 to M11.6-BF | 6 | 6.00  | -47.00 | -45.71 | -46.45 |        | -42.77 | -47.18 | -46.29 |        | -31.83 | -21.25 | 10.58 |
| HE80, M0.1 to M11.1-BF | 8 | 15.03 | -44.96 | -55.14 | -54.66 | -54.71 | -55.19 | -55.89 | -53.64 | -52.31 | -27.37 | -21.25 | 6.12  |
| HE80, M0.2 to M11.2-BF | 8 | 12.02 | -52.93 | -52.36 | -52.97 | -49.97 | -47.70 | -52.62 | -52.28 | -52.55 | -30.20 | -21.25 | 8.95  |
| HE80, M0.3 to M11.3-BF | 8 | 10.26 | -50.43 | -52.73 | -52.24 | -50.73 | -52.23 | -50.80 | -50.60 | -51.12 | -31.99 | -21.25 | 10.74 |
| HE80, M0.4 to M11.4-BF | 8 | 9.01  | -49.28 | -50.49 | -50.46 | -47.63 | -50.10 | -50.22 | -47.96 | -49.28 | -31.25 | -21.25 | 10.00 |
| HE80, M0.5 to M11.5-BF | 8 | 8.04  | -49.55 | -50.75 | -48.46 | -48.54 | -50.51 | -51.27 | -49.12 | -48.43 | -32.38 | -21.25 | 11.13 |
| HE80, M0.6 to M11.6-BF | 8 | 7.25  | -39.00 | -48.15 | -48.21 | -45.53 | -47.21 | -48.01 | -47.20 | -47.88 | -28.69 | -21.25 | 7.44  |
| HE80, M0.7 to M11.7-BF | 8 | 6.58  | -38.15 | -49.15 | -47.99 | -43.78 | -47.83 | -48.22 | -46.93 | -48.57 | -28.81 | -21.25 | 7.56  |
| HE80, M0.8 to M11.8-BF | 8 | 6.00  | -47.12 | -49.39 | -47.10 | -43.87 | -47.41 | -47.44 | -46.90 | -46.71 | -31.71 | -21.25 | 10.46 |
| HE80, M0 to M11-STBC   | 2 | 6.00  | -40.91 | -42.01 |        |        |        |        |        |        | -32.41 | -21.25 | 11.16 |
| HE80, M0 to M11-STBC   | 3 | 6.00  | -42.20 | -44.02 | -42.90 |        |        |        |        |        | -32.20 | -21.25 | 10.95 |

|                      |   |      |        |        |        |        |        |        |        |        |        |        |      |
|----------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|
| HE80, M0 to M11-STBC | 4 | 6.00 | -41.91 | -43.68 | -42.65 | -42.34 |        |        |        |        | -30.58 | -21.25 | 9.33 |
| HE80, M0 to M11-STBC | 6 | 6.00 | -43.42 | -46.23 | -43.17 |        | -43.77 | -43.60 | -44.02 |        | -30.15 | -21.25 | 8.90 |
| HE80, M0 to M11-STBC | 8 | 6.00 | -45.11 | -43.52 | -45.47 | -45.80 | -44.53 | -46.22 | -44.38 | -45.11 | -29.91 | -21.25 | 8.66 |

## 5210 MHz (Average):

| Mode                   | Tx paths | correlated antenna gain (dBi) | Tx 1 Band-edge (dBm) | Tx 2 Band-edge (dBm) | Tx 3 Band-edge (dBm) | Tx 4 Band-edge (dBm) | Tx 5 Band-edge (dBm) | Tx 6 Band-edge (dBm) | Tx 7 Band-edge (dBm) | Tx 8 Band-edge (dBm) | DCCF (dB) | Total (dBm) | FCC Average Limit (dBm) | Margin (dB) |
|------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------|-------------|-------------------------|-------------|
| non HT80, 6 to 54 Mbps | 1        | 6.00                          | -43.94               |                      |                      |                      |                      |                      |                      |                      | 0.72      | -43.22      | -41.25                  | 1.97        |
| non HT80, 6 to 54 Mbps | 2        | 6.00                          | -52.52               | -51.16               |                      |                      |                      |                      |                      |                      | 0.72      | -42.78      | -41.25                  | 1.53        |
| non HT80, 6 to 54 Mbps | 3        | 6.00                          | -52.05               | -52.93               | -51.42               |                      |                      |                      |                      |                      | 0.72      | -41.32      | -41.25                  | 0.07        |
| non HT80, 6 to 54 Mbps | 4        | 6.00                          | -54.24               | -53.92               | -53.74               | -53.85               |                      |                      |                      |                      | 0.72      | -41.91      | -41.25                  | 0.66        |
| non HT80, 6 to 54 Mbps | 6        | 9.00                          | -58.62               | -58.58               | -58.80               |                      | -58.61               | -58.96               | -58.77               |                      | 0.72      | -41.94      | -41.25                  | 0.69        |
| non HT80, 6 to 54 Mbps | 8        | 9.00                          | -59.09               | -60.52               | -59.03               | -58.96               | -59.17               | -59.11               | -59.01               | -59.87               | 0.72      | -41.28      | -41.25                  | 0.03        |
| VHT80, M0.1 to M9.1    | 1        | 6.00                          | -48.28               |                      |                      |                      |                      |                      |                      |                      | 0.54      | -41.74      | -41.25                  | 0.49        |
| VHT80, M0.1 to M9.1    | 2        | 6.00                          | -51.24               | -52.62               |                      |                      |                      |                      |                      |                      | 0.54      | -42.33      | -41.25                  | 1.08        |
| VHT80, M0.2 to M9.2    | 2        | 6.00                          | -51.63               | -52.58               |                      |                      |                      |                      |                      |                      | 0.54      | -42.53      | -41.25                  | 1.28        |
| VHT80, M0.1 to M9.1    | 3        | 6.00                          | -53.72               | -52.78               | -54.06               |                      |                      |                      |                      |                      | 0.54      | -42.17      | -41.25                  | 0.92        |
| VHT80, M0.2 to M9.2    | 3        | 6.00                          | -54.02               | -52.81               | -53.79               |                      |                      |                      |                      |                      | 0.54      | -42.20      | -41.25                  | 0.95        |
| VHT80, M0.3 to M9.3    | 3        | 6.00                          | -53.57               | -52.82               | -54.24               |                      |                      |                      |                      |                      | 0.54      | -42.19      | -41.25                  | 0.94        |
| VHT80, M0.1 to M9.1    | 4        | 6.00                          | -54.18               | -55.48               | -53.87               | -54.28               |                      |                      |                      |                      | 0.54      | -41.85      | -41.25                  | 0.60        |
| VHT80, M0.2 to M9.2    | 4        | 6.00                          | -54.04               | -55.94               | -53.87               | -54.35               |                      |                      |                      |                      | 0.54      | -41.92      | -41.25                  | 0.67        |
| VHT80, M0.3 to M9.3    | 4        | 6.00                          | -53.73               | -55.52               | -53.64               | -54.26               |                      |                      |                      |                      | 0.54      | -41.67      | -41.25                  | 0.42        |
| VHT80, M0.4 to M9.4    | 4        | 6.00                          | -53.67               | -55.90               | -53.75               | -54.27               |                      |                      |                      |                      | 0.54      | -41.75      | -41.25                  | 0.50        |
| VHT80, M0.1 to M9.1    | 6        | 6.00                          | -56.05               | -55.75               | -56.15               |                      | -55.83               | -55.99               | -55.08               |                      | 0.54      | -41.47      | -41.25                  | 0.22        |
| VHT80, M0.2 to M9.2    | 6        | 6.00                          | -55.85               | -57.61               | -55.58               |                      | -56.16               | -56.20               | -55.32               |                      | 0.54      | -41.74      | -41.25                  | 0.49        |
| VHT80, M0.3 to M9.3    | 6        | 6.00                          | -56.11               | -57.64               | -55.39               |                      | -55.62               | -55.97               | -56.39               |                      | 0.54      | -41.81      | -41.25                  | 0.56        |
| VHT80, M0.4 to M9.4    | 6        | 6.00                          | -55.87               | -57.48               | -55.66               |                      | -55.65               | -56.18               | -55.20               |                      | 0.54      | -41.63      | -41.25                  | 0.38        |
| VHT80, M0.5 to M9.5    | 6        | 6.00                          | -56.14               | -57.69               | -55.63               |                      | -55.84               | -55.93               | -55.04               |                      | 0.54      | -41.65      | -41.25                  | 0.40        |
| VHT80, M0.6 to M9.6    | 6        | 6.00                          | -56.05               | -57.56               | -55.57               |                      | -55.99               | -56.10               | -55.01               |                      | 0.54      | -41.66      | -41.25                  | 0.41        |

|                     |   |       |        |        |        |        |        |        |        |        |      |        |        |      |
|---------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|--------|------|
| VHT80, M0.1 to M9.1 | 8 | 6.00  | -56.14 | -58.43 | -56.67 | -57.99 | -57.01 | -58.77 | -56.21 | -56.50 | 0.54 | -41.54 | -41.25 | 0.29 |
| VHT80, M0.2 to M9.2 | 8 | 6.00  | -56.49 | -58.30 | -56.22 | -63.31 | -56.26 | -58.18 | -55.90 | -56.62 | 0.54 | -41.64 | -41.25 | 0.39 |
| VHT80, M0.3 to M9.3 | 8 | 6.00  | -56.31 | -58.27 | -55.93 | -57.68 | -59.25 | -59.42 | -55.79 | -56.60 | 0.54 | -41.63 | -41.25 | 0.38 |
| VHT80, M0.4 to M9.4 | 8 | 6.00  | -57.69 | -58.71 | -56.14 | -55.93 | -56.85 | -60.77 | -55.57 | -56.53 | 0.54 | -41.44 | -41.25 | 0.19 |
| VHT80, M0.5 to M9.5 | 8 | 6.00  | -56.65 | -58.26 | -56.21 | -58.12 | -56.93 | -59.09 | -57.25 | -56.60 | 0.54 | -41.72 | -41.25 | 0.47 |
| VHT80, M0.6 to M9.6 | 8 | 6.00  | -56.24 | -58.12 | -55.98 | -57.85 | -56.73 | -58.21 | -55.97 | -56.33 | 0.54 | -41.27 | -41.25 | 0.02 |
| VHT80, M0.7 to M9.7 | 8 | 6.00  | -56.55 | -58.46 | -56.01 | -57.85 | -57.13 | -57.96 | -56.01 | -56.46 | 0.54 | -41.40 | -41.25 | 0.15 |
| VHT80, M0.8 to M9.8 | 8 | 6.00  | -56.42 | -59.75 | -56.08 | -61.07 | -56.79 | -58.32 | -56.16 | -56.45 | 0.54 | -41.75 | -41.25 | 0.50 |
| VHT80, M0.1 to M9.1 | 2 | 9.01  | -53.93 | -55.53 |        |        |        |        |        |        | 0.54 | -42.10 | -41.25 | 0.85 |
| VHT80, M0.2 to M9.2 | 2 | 6.00  | -51.40 | -51.46 |        |        |        |        |        |        | 0.54 | -41.88 | -41.25 | 0.63 |
| VHT80, M0.1 to M9.1 | 3 | 10.77 | -56.41 | -58.88 | -57.36 |        |        |        |        |        | 0.54 | -41.35 | -41.25 | 0.10 |
| VHT80, M0.2 to M9.2 | 3 | 7.76  | -55.80 | -55.08 | -55.67 |        |        |        |        |        | 0.54 | -42.43 | -41.25 | 1.18 |
| VHT80, M0.3 to M9.3 | 3 | 6.00  | -52.56 | -53.81 | -54.08 |        |        |        |        |        | 0.54 | -42.12 | -41.25 | 0.87 |
| VHT80, M0.1 to M9.1 | 4 | 12.02 | -59.96 | -60.36 | -60.76 | -60.61 |        |        |        |        | 0.54 | -41.83 | -41.25 | 0.58 |
| VHT80, M0.2 to M9.2 | 4 | 9.01  | -56.46 | -58.17 | -56.12 | -58.15 |        |        |        |        | 0.54 | -41.55 | -41.25 | 0.30 |
| VHT80, M0.3 to M9.3 | 4 | 7.25  | -56.18 | -55.33 | -55.87 | -53.96 |        |        |        |        | 0.54 | -41.44 | -41.25 | 0.19 |
| VHT80, M0.4 to M9.4 | 4 | 6.00  | -53.63 | -55.62 | -54.04 | -54.00 |        |        |        |        | 0.54 | -41.70 | -41.25 | 0.45 |
| VHT80, M0.1 to M9.1 | 6 | 13.78 | -63.52 | -63.47 | -65.21 |        | -64.06 | -63.85 | -63.34 |        | 0.54 | -41.76 | -41.25 | 0.51 |
| VHT80, M0.2 to M9.2 | 6 | 10.77 | -60.12 | -62.35 | -60.38 |        | -61.08 | -61.54 | -60.87 |        | 0.54 | -41.90 | -41.25 | 0.65 |
| VHT80, M0.3 to M9.3 | 6 | 9.01  | -58.42 | -60.98 | -58.49 |        | -58.81 | -59.28 | -58.10 |        | 0.54 | -41.59 | -41.25 | 0.34 |
| VHT80, M0.4 to M9.4 | 6 | 7.76  | -57.72 | -58.44 | -58.15 |        | -57.33 | -57.97 | -56.30 |        | 0.54 | -41.51 | -41.25 | 0.26 |
| VHT80, M0.5 to M9.5 | 6 | 6.79  | -56.02 | -57.76 | -56.12 |        | -56.53 | -56.04 | -56.42 |        | 0.54 | -41.33 | -41.25 | 0.08 |
| VHT80, M0.6 to M9.6 | 6 | 6.00  | -55.61 | -57.49 | -55.97 |        | -55.87 | -55.96 | -55.05 |        | 0.54 | -41.61 | -41.25 | 0.36 |
| VHT80, M0.1 to M9.1 | 8 | 15.03 | -65.52 | -66.13 | -65.72 | -66.19 | -65.94 | -65.87 | -65.99 | -65.98 | 0.54 | -41.31 | -41.25 | 0.06 |
| VHT80, M0.2 to M9.2 | 8 | 12.02 | -62.31 | -63.63 | -63.37 | -65.51 | -64.05 | -66.00 | -61.34 | -61.62 | 0.54 | -41.61 | -41.25 | 0.36 |
| VHT80, M0.3 to M9.3 | 8 | 10.26 | -60.14 | -61.90 | -61.78 | -60.80 | -61.18 | -61.40 | -60.74 | -61.79 | 0.54 | -41.35 | -41.25 | 0.10 |
| VHT80, M0.4 to M9.4 | 8 | 9.01  | -60.22 | -62.44 | -60.42 | -60.69 | -59.76 | -59.92 | -60.52 | -59.99 | 0.54 | -41.85 | -41.25 | 0.60 |
| VHT80, M0.5 to M9.5 | 8 | 8.04  | -58.05 | -60.71 | -58.59 | -58.35 | -59.06 | -59.05 | -59.84 | -58.96 | 0.54 | -41.40 | -41.25 | 0.15 |

|                     |   |      |        |        |        |        |        |        |        |        |      |        |        |      |
|---------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|--------|------|
| VHT80, M0.6 to M9.6 | 8 | 7.25 | -58.00 | -58.24 | -58.82 | -58.87 | -59.07 | -59.82 | -58.09 | -58.85 | 0.54 | -41.86 | -41.25 | 0.61 |
| VHT80, M0.7 to M9.7 | 8 | 6.58 | -55.73 | -58.29 | -56.47 | -57.91 | -56.82 | -59.98 | -57.57 | -57.85 | 0.54 | -41.27 | -41.25 | 0.02 |
| VHT80, M0.8 to M9.8 | 8 | 6.00 | -56.47 | -58.06 | -55.90 | -57.76 | -56.74 | -59.99 | -56.12 | -56.37 | 0.54 | -41.44 | -41.25 | 0.19 |
| VHT80, M0 to M9     | 2 | 6.00 | -51.69 | -50.98 |        |        |        |        |        |        | 0.54 | -41.77 | -41.25 | 0.52 |
| VHT80, M0 to M9     | 3 | 6.00 | -52.71 | -53.61 | -54.40 |        |        |        |        |        | 0.54 | -42.21 | -41.25 | 0.96 |
| VHT80, M0 to M9     | 4 | 6.00 | -53.44 | -55.34 | -54.80 | -53.61 |        |        |        |        | 0.54 | -41.66 | -41.25 | 0.41 |
| VHT80, M0 to M9     | 6 | 6.00 | -56.00 | -57.34 | -56.01 |        | -55.84 | -56.26 | -54.54 |        | 0.54 | -41.60 | -41.25 | 0.35 |
| VHT80, M0 to M9     | 8 | 6.00 | -56.86 | -58.51 | -56.24 | -58.25 | -57.18 | -57.89 | -55.76 | -56.37 | 0.54 | -41.46 | -41.25 | 0.21 |
| HE80, M0.1 to M11.1 | 1 | 6.00 | -48.90 |        |        |        |        |        |        |        | 0.44 | -42.46 | -41.25 | 1.21 |
| HE80, M0.1 to M11.1 | 2 | 6.00 | -51.20 | -52.68 |        |        |        |        |        |        | 0.44 | -42.43 | -41.25 | 1.18 |
| HE80, M0.2 to M11.2 | 2 | 6.00 | -51.14 | -52.72 |        |        |        |        |        |        | 0.44 | -42.41 | -41.25 | 1.16 |
| HE80, M0.1 to M11.1 | 3 | 6.00 | -52.77 | -55.06 | -53.35 |        |        |        |        |        | 0.44 | -42.41 | -41.25 | 1.16 |
| HE80, M0.2 to M11.2 | 3 | 6.00 | -52.85 | -54.94 | -52.86 |        |        |        |        |        | 0.44 | -42.23 | -41.25 | 0.98 |
| HE80, M0.3 to M11.3 | 3 | 6.00 | -53.44 | -52.61 | -53.07 |        |        |        |        |        | 0.44 | -41.82 | -41.25 | 0.57 |
| HE80, M0.1 to M11.1 | 4 | 6.00 | -53.07 | -54.69 | -53.54 | -55.20 |        |        |        |        | 0.44 | -41.58 | -41.25 | 0.33 |
| HE80, M0.2 to M11.2 | 4 | 6.00 | -53.16 | -55.16 | -52.80 | -55.02 |        |        |        |        | 0.44 | -41.44 | -41.25 | 0.19 |
| HE80, M0.3 to M11.3 | 4 | 6.00 | -52.61 | -54.82 | -52.86 | -55.30 |        |        |        |        | 0.44 | -41.28 | -41.25 | 0.03 |
| HE80, M0.4 to M11.4 | 4 | 6.00 | -52.80 | -54.73 | -53.17 | -55.17 |        |        |        |        | 0.44 | -41.39 | -41.25 | 0.14 |
| HE80, M0.1 to M11.1 | 6 | 6.00 | -56.11 | -56.73 | -54.98 |        | -54.38 | -55.23 | -57.13 |        | 0.44 | -41.43 | -41.25 | 0.18 |
| HE80, M0.2 to M11.2 | 6 | 6.00 | -54.76 | -57.62 | -55.16 |        | -55.01 | -55.36 | -56.22 |        | 0.44 | -41.37 | -41.25 | 0.12 |
| HE80, M0.3 to M11.3 | 6 | 6.00 | -55.04 | -56.65 | -54.79 |        | -56.29 | -55.06 | -56.63 |        | 0.44 | -41.45 | -41.25 | 0.20 |
| HE80, M0.4 to M11.4 | 6 | 6.00 | -55.09 | -56.08 | -55.02 |        | -55.15 | -56.23 | -56.52 |        | 0.44 | -41.42 | -41.25 | 0.17 |
| HE80, M0.5 to M11.5 | 6 | 6.00 | -56.61 | -56.32 | -55.19 |        | -54.51 | -55.16 | -59.36 |        | 0.44 | -41.72 | -41.25 | 0.47 |
| HE80, M0.6 to M11.6 | 6 | 6.00 | -54.99 | -56.39 | -54.85 |        | -55.15 | -55.38 | -56.49 |        | 0.44 | -41.27 | -41.25 | 0.02 |
| HE80, M0.1 to M11.1 | 8 | 6.00 | -56.38 | -59.63 | -57.89 | -57.09 | -56.56 | -57.81 | -57.04 | -56.74 | 0.44 | -41.82 | -41.25 | 0.57 |
| HE80, M0.2 to M11.2 | 8 | 6.00 | -55.05 | -57.36 | -58.01 | -57.19 | -57.97 | -58.10 | -57.23 | -57.22 | 0.44 | -41.69 | -41.25 | 0.44 |
| HE80, M0.3 to M11.3 | 8 | 6.00 | -54.78 | -57.29 | -57.96 | -57.13 | -57.81 | -57.74 | -56.93 | -58.46 | 0.44 | -41.65 | -41.25 | 0.40 |
| HE80, M0.4 to M11.4 | 8 | 6.00 | -54.94 | -57.45 | -57.44 | -57.35 | -58.25 | -57.94 | -54.93 | -58.15 | 0.44 | -41.39 | -41.25 | 0.14 |

|                        |   |       |        |        |        |        |        |        |        |        |      |        |        |      |
|------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|--------|------|
| HE80, M0.5 to M11.5    | 8 | 6.00  | -55.37 | -57.25 | -57.99 | -57.51 | -55.21 | -58.04 | -57.34 | -58.36 | 0.44 | -41.51 | -41.25 | 0.26 |
| HE80, M0.6 to M11.6    | 8 | 6.00  | -55.34 | -57.09 | -57.52 | -57.07 | -58.12 | -55.46 | -57.22 | -58.40 | 0.44 | -41.43 | -41.25 | 0.18 |
| HE80, M0.7 to M11.7    | 8 | 6.00  | -55.54 | -57.29 | -61.27 | -56.98 | -57.87 | -55.58 | -57.11 | -58.27 | 0.44 | -41.73 | -41.25 | 0.48 |
| HE80, M0.8 to M11.8    | 8 | 6.00  | -55.68 | -57.02 | -57.68 | -57.24 | -58.21 | -57.81 | -55.19 | -58.25 | 0.44 | -41.53 | -41.25 | 0.28 |
| HE80, M0.1 to M11.1-BF | 2 | 9.01  | -54.87 | -53.86 |        |        |        |        |        |        | 0.44 | -41.88 | -41.25 | 0.63 |
| HE80, M0.2 to M11.2-BF | 2 | 6.00  | -51.56 | -52.43 |        |        |        |        |        |        | 0.44 | -42.52 | -41.25 | 1.27 |
| HE80, M0.1 to M11.1-BF | 3 | 10.77 | -57.17 | -57.36 | -58.03 |        |        |        |        |        | 0.44 | -41.52 | -41.25 | 0.27 |
| HE80, M0.2 to M11.2-BF | 3 | 7.76  | -55.00 | -55.17 | -54.98 |        |        |        |        |        | 0.44 | -42.08 | -41.25 | 0.83 |
| HE80, M0.3 to M11.3-BF | 3 | 6.00  | -53.04 | -54.03 | -53.80 |        |        |        |        |        | 0.44 | -42.39 | -41.25 | 1.14 |
| HE80, M0.1 to M11.1-BF | 4 | 12.02 | -59.20 | -61.07 | -61.00 | -59.93 |        |        |        |        | 0.44 | -41.75 | -41.25 | 0.50 |
| HE80, M0.2 to M11.2-BF | 4 | 9.01  | -57.31 | -57.40 | -57.69 | -56.44 |        |        |        |        | 0.44 | -41.71 | -41.25 | 0.46 |
| HE80, M0.3 to M11.3-BF | 4 | 7.25  | -54.68 | -54.86 | -56.49 | -54.65 |        |        |        |        | 0.44 | -41.40 | -41.25 | 0.15 |
| HE80, M0.4 to M11.4-BF | 4 | 6.00  | -52.93 | -54.76 | -53.00 | -54.68 |        |        |        |        | 0.44 | -41.29 | -41.25 | 0.04 |
| HE80, M0.1 to M11.1-BF | 6 | 13.78 | -63.44 | -64.39 | -63.58 |        | -63.33 | -62.66 | -62.91 |        | 0.44 | -41.35 | -41.25 | 0.10 |
| HE80, M0.2 to M11.2-BF | 6 | 10.77 | -59.35 | -61.49 | -59.65 |        | -60.37 | -60.80 | -61.41 |        | 0.44 | -41.44 | -41.25 | 0.19 |
| HE80, M0.3 to M11.3-BF | 6 | 9.01  | -57.16 | -59.46 | -57.78 |        | -58.67 | -59.24 | -59.32 |        | 0.44 | -41.29 | -41.25 | 0.04 |
| HE80, M0.4 to M11.4-BF | 6 | 7.76  | -57.55 | -57.18 | -58.14 |        | -57.79 | -58.20 | -57.29 |        | 0.44 | -41.69 | -41.25 | 0.44 |
| HE80, M0.5 to M11.5-BF | 6 | 6.79  | -57.19 | -56.80 | -55.44 |        | -57.04 | -57.33 | -56.08 |        | 0.44 | -41.58 | -41.25 | 0.33 |
| HE80, M0.6 to M11.6-BF | 6 | 6.00  | -54.93 | -57.10 | -56.81 |        | -55.67 | -57.47 | -54.82 |        | 0.44 | -41.79 | -41.25 | 0.54 |
| HE80, M0.1 to M11.1-BF | 8 | 15.03 | -65.04 | -66.39 | -66.29 | -65.46 | -65.94 | -65.88 | -65.84 | -65.92 | 0.44 | -41.32 | -41.25 | 0.07 |
| HE80, M0.2 to M11.2-BF | 8 | 12.02 | -63.13 | -64.24 | -63.59 | -62.18 | -63.34 | -62.73 | -62.50 | -63.00 | 0.44 | -41.56 | -41.25 | 0.31 |
| HE80, M0.3 to M11.3-BF | 8 | 10.26 | -61.28 | -62.65 | -61.44 | -61.59 | -61.53 | -61.73 | -60.86 | -60.69 | 0.44 | -41.71 | -41.25 | 0.46 |
| HE80, M0.4 to M11.4-BF | 8 | 9.01  | -59.46 | -60.82 | -59.79 | -60.21 | -60.63 | -60.18 | -59.70 | -58.83 | 0.44 | -41.43 | -41.25 | 0.18 |
| HE80, M0.5 to M11.5-BF | 8 | 8.04  | -59.46 | -57.06 | -59.62 | -59.97 | -57.23 | -60.59 | -59.58 | -59.34 | 0.44 | -41.42 | -41.25 | 0.17 |
| HE80, M0.6 to M11.6-BF | 8 | 7.25  | -56.88 | -59.42 | -57.92 | -67.72 | -58.07 | -58.22 | -57.31 | -58.22 | 0.44 | -41.74 | -41.25 | 0.49 |
| HE80, M0.7 to M11.7-BF | 8 | 6.58  | -57.11 | -59.45 | -57.99 | -57.00 | -58.06 | -58.30 | -57.07 | -58.46 | 0.44 | -41.81 | -41.25 | 0.56 |
| HE80, M0.8 to M11.8-BF | 8 | 6.00  | -56.97 | -57.19 | -58.03 | -57.06 | -58.18 | -57.55 | -57.25 | -56.88 | 0.44 | -41.89 | -41.25 | 0.64 |
| HE80, M0 to M11-STBC   | 2 | 6.00  | -51.12 | -52.73 |        |        |        |        |        |        | 0.44 | -42.40 | -41.25 | 1.15 |

|                      |   |      |        |        |        |        |        |        |        |        |      |        |        |      |
|----------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|--------|------|
| HE80, M0 to M11-STBC | 3 | 6.00 | -52.84 | -54.20 | -52.65 |        |        |        |        |        | 0.44 | -41.97 | -41.25 | 0.72 |
| HE80, M0 to M11-STBC | 4 | 6.00 | -52.71 | -54.26 | -53.26 | -55.72 |        |        |        |        | 0.44 | -41.38 | -41.25 | 0.13 |
| HE80, M0 to M11-STBC | 6 | 6.00 | -55.12 | -57.15 | -55.58 |        | -55.08 | -55.23 | -55.55 |        | 0.44 | -41.34 | -41.25 | 0.09 |
| HE80, M0 to M11-STBC | 8 | 6.00 | -57.29 | -56.70 | -56.96 | -56.88 | -56.03 | -64.48 | -57.06 | -55.28 | 0.44 | -41.56 | -41.25 | 0.31 |

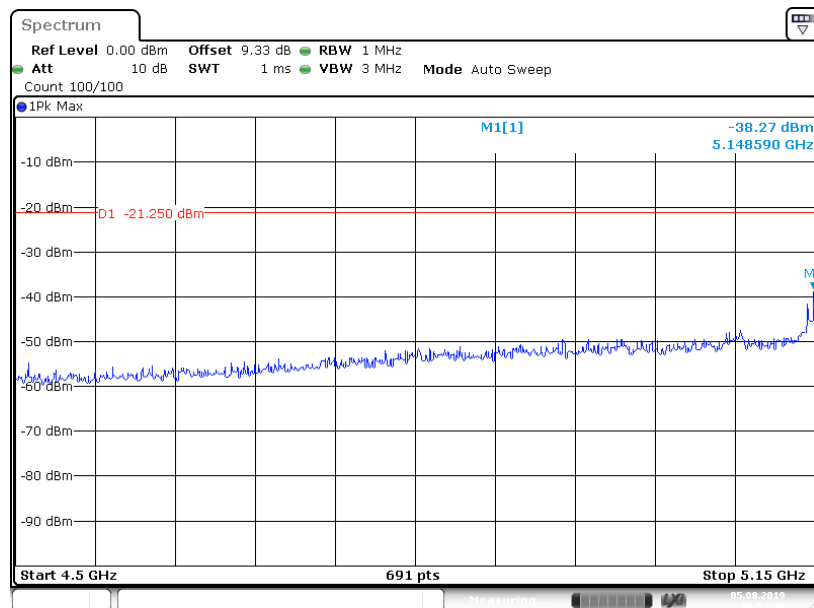


Please refer to the following plots for the worst case configuration

Peak

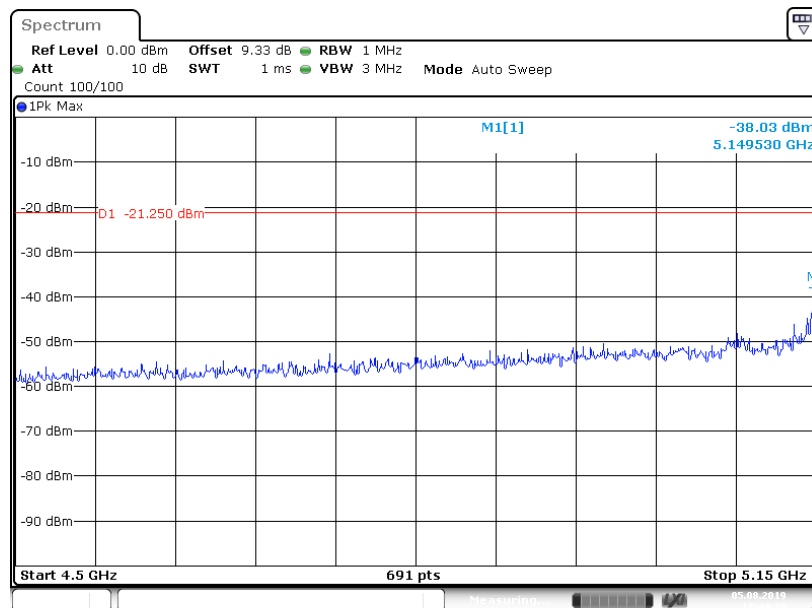
5180MHz non HT20, 6 to 54 Mbps-BF

Ant-a



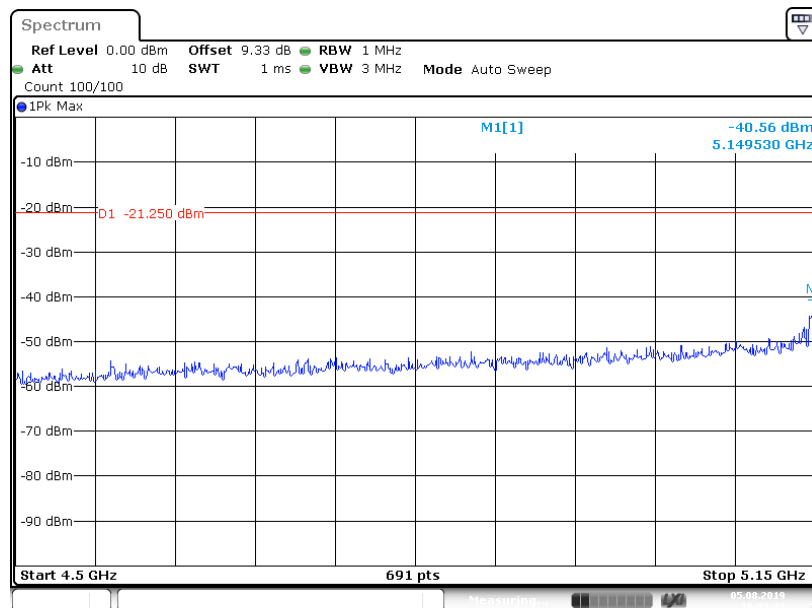
Date: 5.AUG.2019 16:53:47

Ant-b



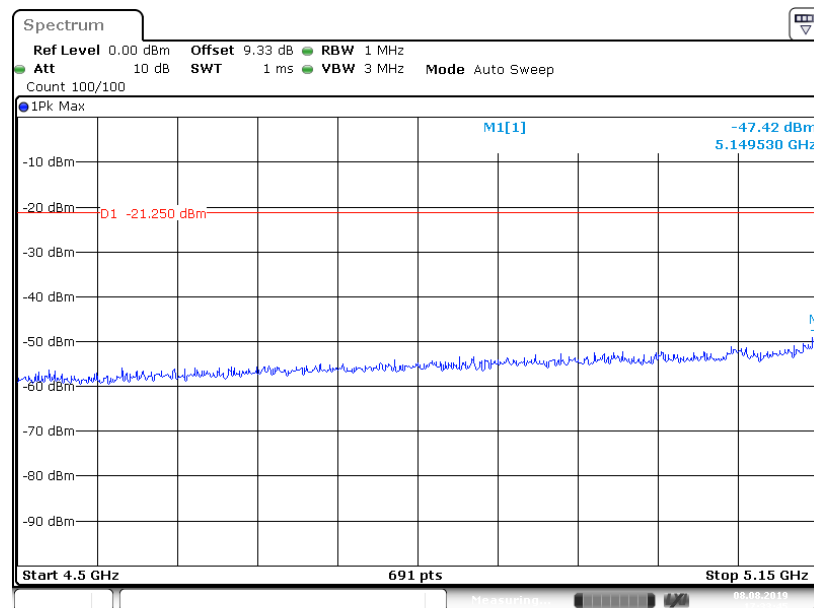
Date: 5.AUG.2019 17:44:18

Ant-c



Date: 5.AUG.2019 19:03:22

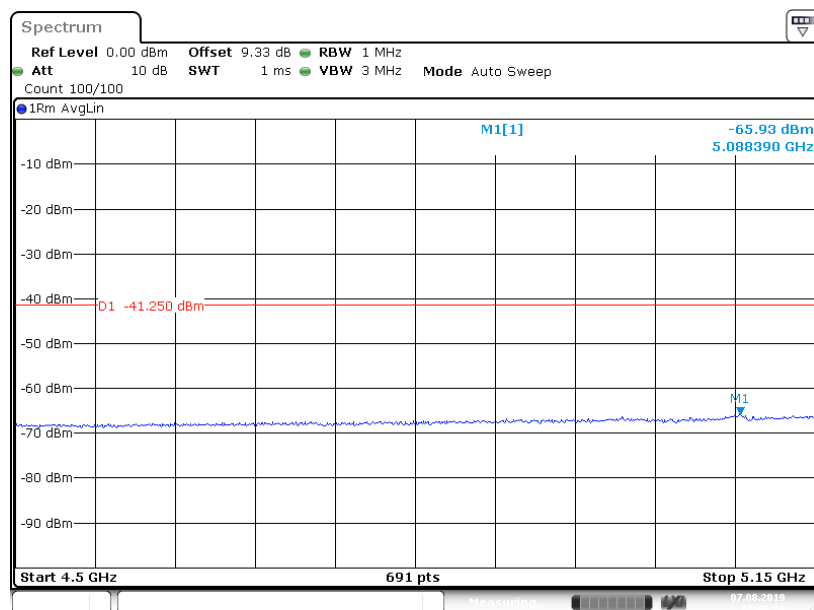
Ant-d



Date: 8.AUG.2019 17:33:46

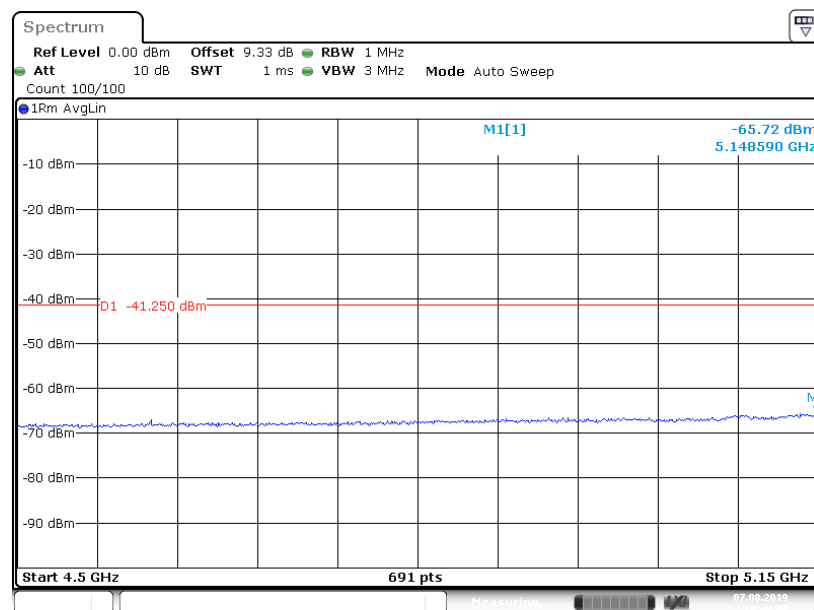
Average  
5180MHz HE20, M0.1 to M11.1-BF

Ant-a



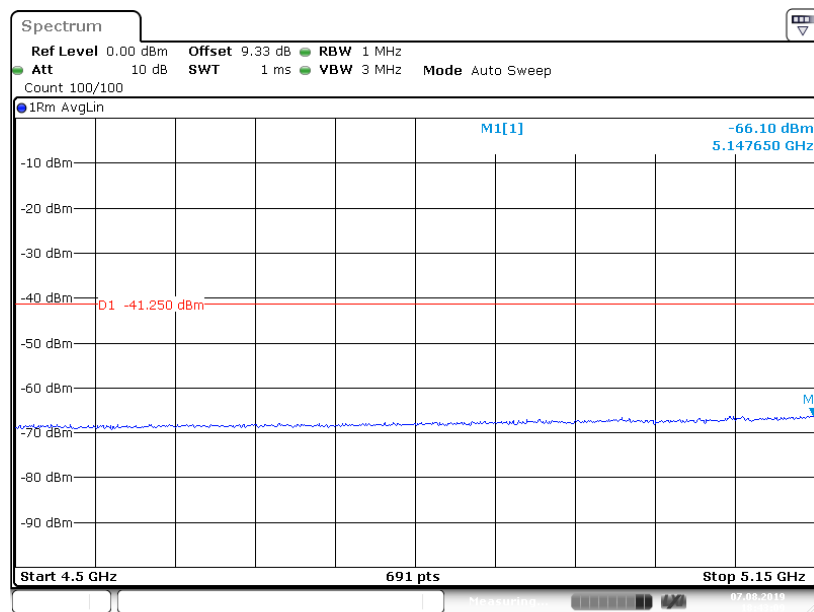
Date: 7.AUG.2019 18:40:20

Ant-b



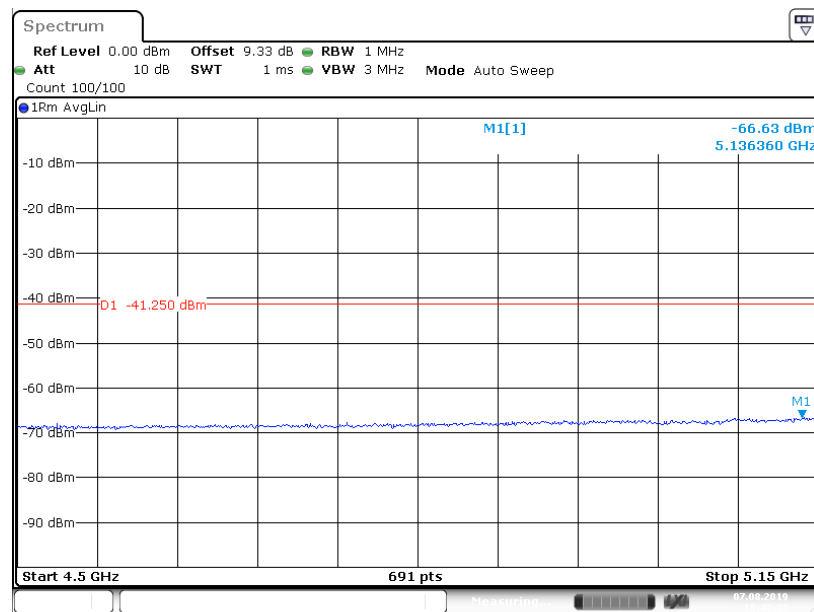
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Ant-c



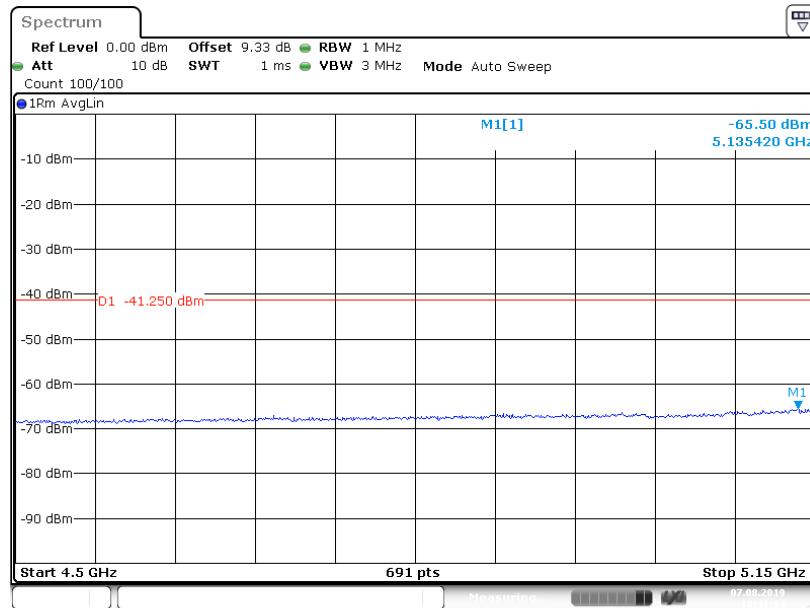
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Ant-d



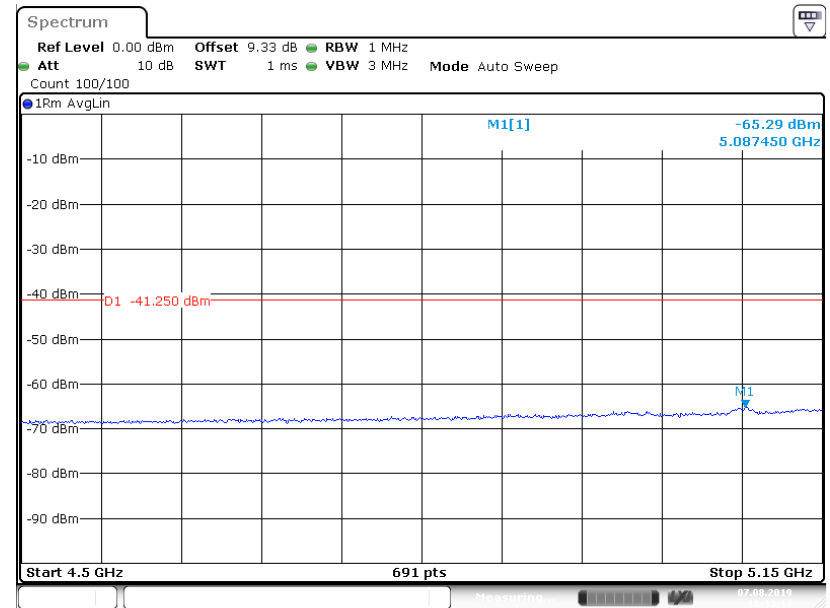
Date: 7.AUG.2019 18:43:34

## Ant-e



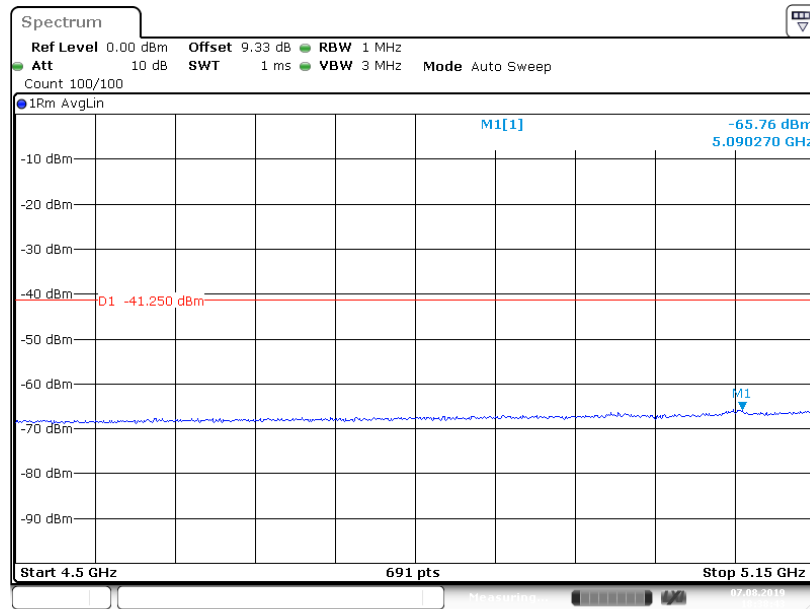
Date: 7.AUG.2019 18:41:34

## Ant-f

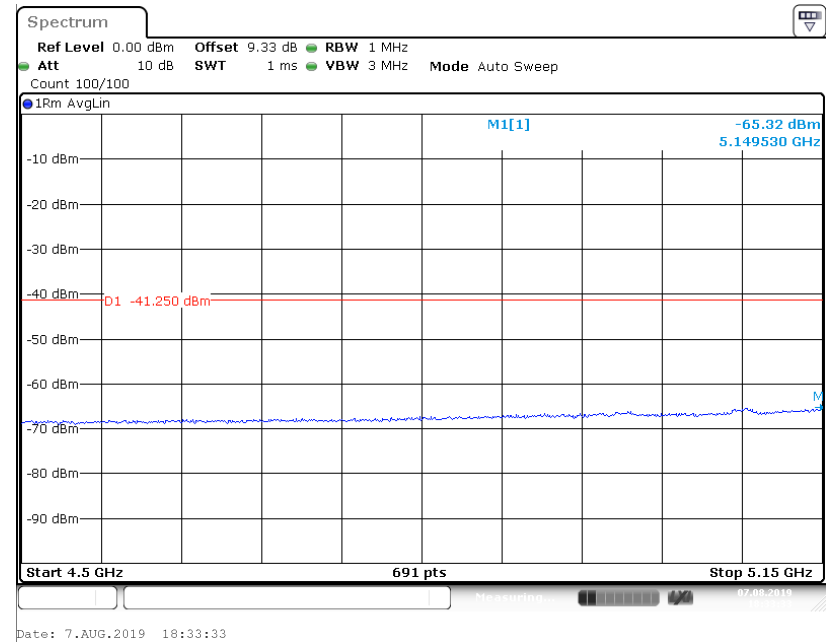


Date: 7.AUG.2019 18:33:14

## Ant-g



## Ant-h



--- END OF REPORT ---