



FCC PART 15.407

LP0002-2018

## TEST REPORT

For

**Cisco Systems, Inc.**

125 W Tasman Drive

San Jose, CA 95134, USA

**FCC ID: LDKHDGWI1903**

|                                                                                                                                                                                                   |                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| <b>Report Type:</b><br>Original Report                                                                                                                                                            | <b>Product type:</b><br>Cisco Catalyst C9117AX Series |
| <div>Sehni Hu</div> <div><b>Prepared By:</b> <u>Test Engineer</u></div>                                                                                                                           |                                                       |
| <div><b>Report Number:</b> <u>R1811136-UNII1B</u></div>                                                                                                                                           |                                                       |
| <div>2019-02-14</div> <div><b>Report Date:</b> <u>2019-02-14</u></div>                                                                                                                            |                                                       |
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\* This report may contain data that are not covered by the A2LA accreditation and are marked with an asterisk “\*” (Rev.2)

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**DOCUMENT REVISION HISTORY**

| Revision Number | Report Number    | Description of Revision | Date of Revision |
|-----------------|------------------|-------------------------|------------------|
| 0               | R1811136-UNIII1B | Original Report         | 2019-02-14       |

## 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: *C9117AXI-B*, and *C9117AXI-T*, FCC ID: LDKHDBGWI1903, 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)

DTS EDCS-15634526, EDCS-15797453, and R1811136-247

### 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    | 2.099        | 2.207       | 95.11          | 0.22       | 0.44       |
| HT/VHT/HE20 | 5.438        | 5.720       | 95.07          | 0.22       | 0.44       |
| HT/VHT/HE40 | 5.426        | 5.651       | 96.02          | 0.18       | 0.36       |
| VHT/HE80    | 5.438        | 5.709       | 95.25          | 0.21       | 0.42       |

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 separate report, please refer to Test Report: R1811136-407

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

### 4.1 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

Before equipment certification is granted, the procedure of ISED RSS-102 must be followed concerning the exposure of humans to RF field

### 4.2 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

### 4.3 MPE Results

#### BLE:

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>4.21</u>   |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>2.64</u>   |
| <u>Prediction distance (cm):</u>                                                            | <u>30</u>     |
| <u>Prediction frequency (MHz):</u>                                                          | <u>2402</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>2</u>      |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>1.58</u>   |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.0004</u> |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.0</u>    |

#### 2.4 GHz Wi-Fi:

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>24.3</u>   |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>269.15</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30</u>     |
| <u>Prediction frequency (MHz):</u>                                                          | <u>2437</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>10</u>     |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>10</u>     |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.238</u>  |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.0</u>    |

#### 5.2 GHz band:

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>21.04</u>  |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>127.06</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30</u>     |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5200</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>14.45</u>  |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>27.86</u>  |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.313</u>  |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.0</u>    |

### Radio Co-location

BLE + 2.4 GHz Wi-Fi + 5 GHz Wi-Fi:

$$0.0004/1 + 0.238/1 + 0.313/1 = 0.551 < 1$$

### 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.

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

### 5.1 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.

### 5.2 Antenna List

The antennas used by the EUT are internal antennas.

| Frequency Range (MHz) | External/Internal/Integral | Maximum Antenna Gain (dBi) | Antenna Tpye/Pattern  |
|-----------------------|----------------------------|----------------------------|-----------------------|
| 2400 - 5900           | Internal                   | 2/4                        | Dual-band Omni        |
| 2400 - 5900           | Internal                   | 2/4                        | Dual-band Dipole      |
| 2400 - 5900           | Internal                   | 4/6                        | Dual-band Directional |

## 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        | 2018/11/14       | 2019/11/13      |
| MINI-CIRCUITS   | Attenuator        | BW-S6W5+  | N/A           | 2018/03/08       | 2019/03/07      |
| WOKEN           | Cable             | SFL402    | S02-160323-07 | 2018/02/12       | 2019/02/11      |

**Statement of Traceability:** *BACL Corp.* attests that all of the calibrations on the equipment items listed above were traceable to NIST or to another internationally recognized National Metrology Institute (NMI), and were compliant with A2LA Policy P102 (dated 09 June 2016) "A2LA Policy on Metrological Traceability".

### 6.4 Test Environmental Conditions

|                    |          |
|--------------------|----------|
| Temperature:       | 25 °C    |
| Relative Humidity: | 58 %     |
| ATM Pressure:      | 1010 hPa |

The testing was performed by Boris Kao on 2018-11-28~2019-02-14.

### 6.5 Test Results

Please refer to Annex for test results and plots

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

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### 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 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.

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    | 2018/03/07       | 2019/03/06      |
| MINI-CIRCUITS | Attenuator   | BW-S6W5+  | N/A           | 2018/03/08       | 2019/03/07      |
| WOKEN         | Cable        | SFL402    | S02-160323-07 | 2018/02/12       | 2019/02/11      |

**Statement of Traceability:** *BACL Corp.* attests that all of the calibrations on the equipment items listed above were traceable to NIST or to another internationally recognized National Metrology Institute (NMI), and were compliant with A2LA Policy P102 (dated 09 June 2016) "A2LA Policy on Metrological Traceability".

## 7.4 Test Environmental Conditions

|                           |          |
|---------------------------|----------|
| <b>Temperature:</b>       | 25 °C    |
| <b>Relative Humidity:</b> | 58 %     |
| <b>ATM Pressure:</b>      | 1010 hPa |

*The testing was performed by Boris Kao on 2018-11-28~2019-02-14.*

## 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        | 2018/11/14       | 2019/11/13      |
| MINI-CIRCUITS   | Attenuator        | BW-S6W5+  | N/A           | 2018/03/08       | 2019/03/07      |
| WOKEN           | Cable             | SFL402    | S02-160323-07 | 2018/02/12       | 2019/02/11      |

**Statement of Traceability:** *BACL Corp.* attests that all of the calibrations on the equipment items listed above were traceable to NIST or to another internationally recognized National Metrology Institute (NMI), and were compliant with A2LA Policy P102 (dated 09 June 2016) “A2LA Policy on Metrological Traceability”.

## 8.4 Test Environmental Conditions

|                    |          |
|--------------------|----------|
| Temperature:       | 25 °C    |
| Relative Humidity: | 58 %     |
| ATM Pressure:      | 1010 hPa |

The testing was performed by Boris Kao on 2018-11-28~2019-02-14.

## **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        | 2018/11/14       | 2019/11/13      |
| MINI-CIRCUITS   | Attenuator        | BW-S6W5+  | N/A           | 2018/03/08       | 2019/03/07      |
| WOKEN           | Cable             | SFL402    | S02-160323-07 | 2018/02/12       | 2019/02/11      |

**Statement of Traceability:** **BACL Corp.** attests that all of the calibrations on the equipment items listed above were traceable to NIST or to another internationally recognized National Metrology Institute (NMI), and were compliant with A2LA Policy P102 (dated 09 June 2016) "A2LA Policy on Metrological Traceability".

### 9.4 Test Environmental Conditions

|                    |          |
|--------------------|----------|
| Temperature:       | 25 °C    |
| Relative Humidity: | 58 %     |
| ATM Pressure:      | 1010 hPa |

The testing was performed by Boris Kao on 2018-11-28~2019-02-14.

### 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

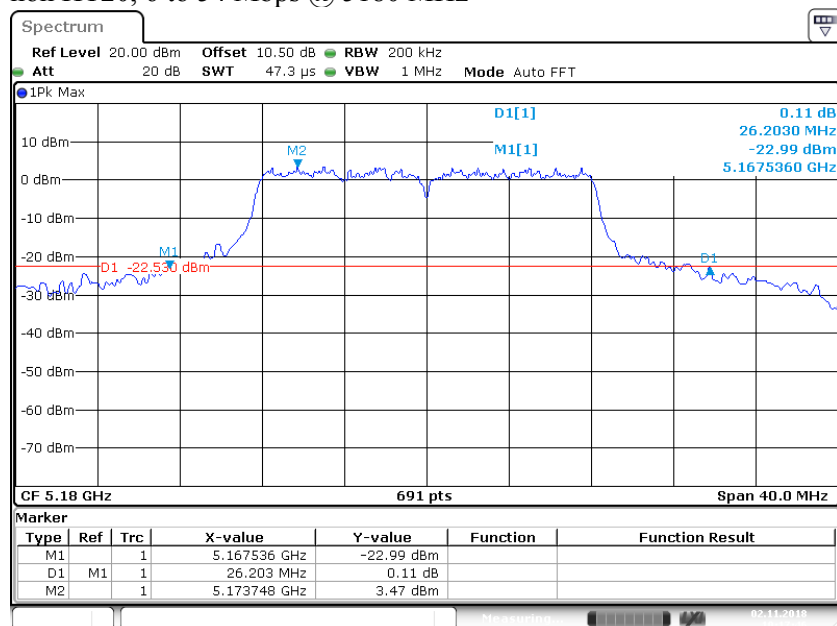
Test Data for Occupied Bandwidth

| Frequency (MHz) | Mode                                               | Data Rate (Mbps) | 26dB BW (MHz) | 99% BW (MHz) |
|-----------------|----------------------------------------------------|------------------|---------------|--------------|
| 5180            | non HT20, 6 to 54 Mbps                             | 6                | 26.2          | 16.56        |
|                 | HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1 | m0               | 21.17         | 17.54        |
| 5190            | HT/VHT/HE40, M0 to M7, M0.1 to M8.1, M0.1 to M11.1 | m0               | 40.17         | 36.24        |
| 5200            | non HT20, 6 to 54 Mbps                             | 6                | 25.46         | 16.56        |
|                 | HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1 | m0               | 20.83         | 17.6         |
| 5210            | VHT/HE80, M0.1 to M9.1, M0.1 to M11.1              | m0.1             | 79.51         | 75.48        |
| 5230            | HT/VHT/HE40, M0 to M7, M0.1 to M8.1, M0.1 to M11.1 | m0               | 40            | 36.24        |
| 5240            | non HT20, 6 to 54 Mbps                             | 6                | 25.76         | 16.61        |
|                 | HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1 | m0               | 20.96         | 17.6         |

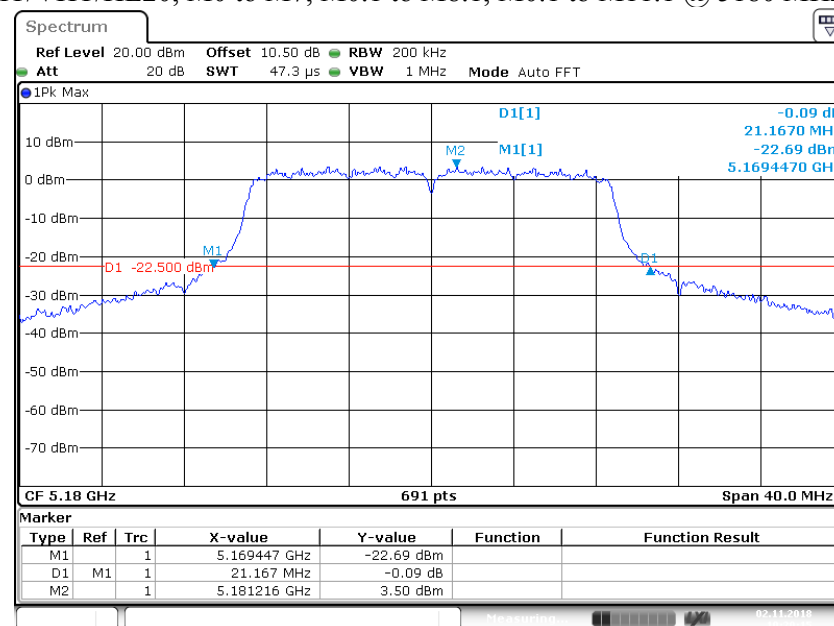
Please refer to the following plots

## 26 dB Bandwidth

non HT20, 6 to 54 Mbps @ 5180 MHz

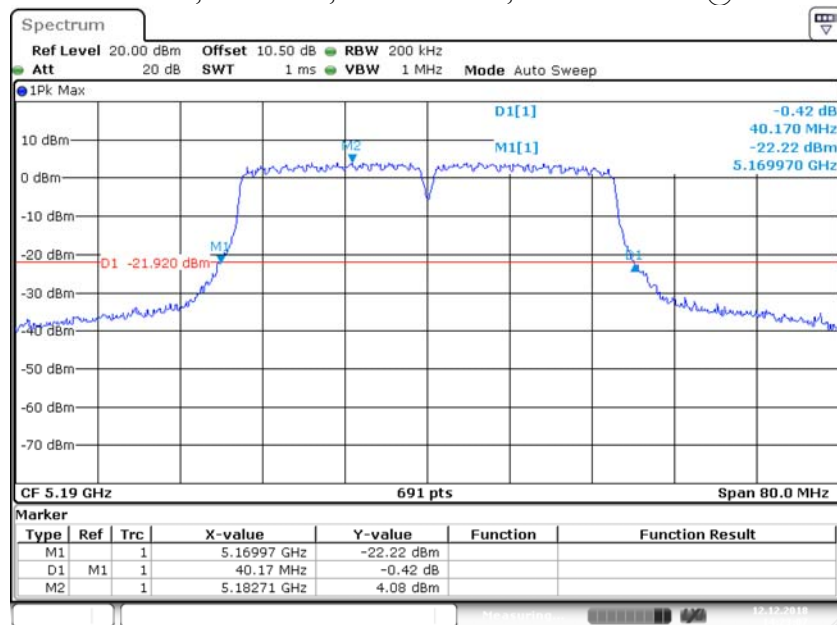


HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1 @ 5180 MHz

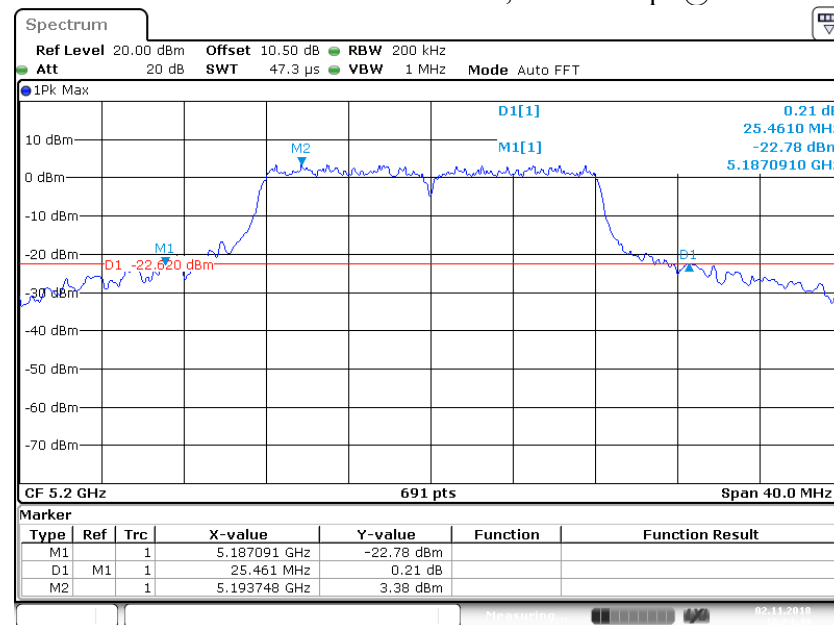




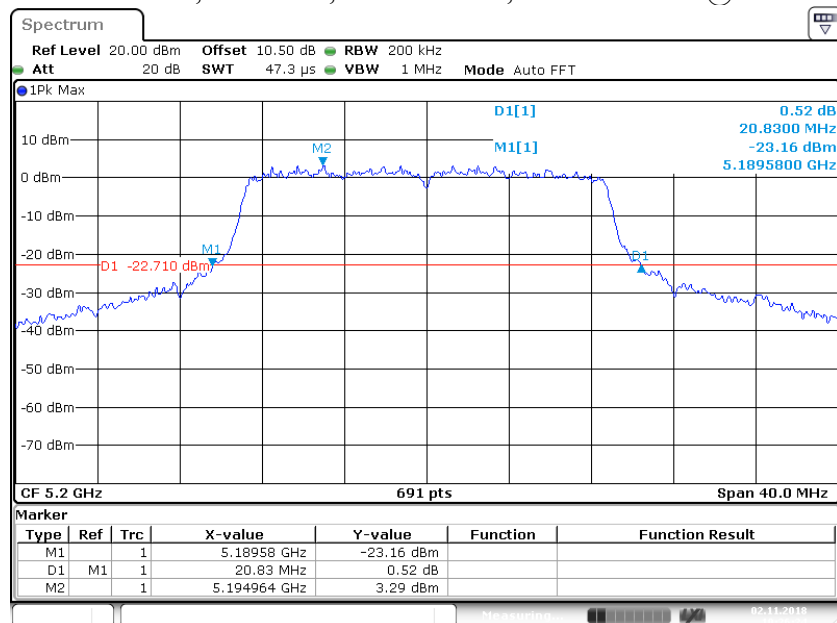
HT/VHT/HE40, M0 to M7, M0.1 to M8.1, M0.1 to M11.1 @ 5190 MHz



non HT20, 6 to 54 Mbps @ 5200 MHz

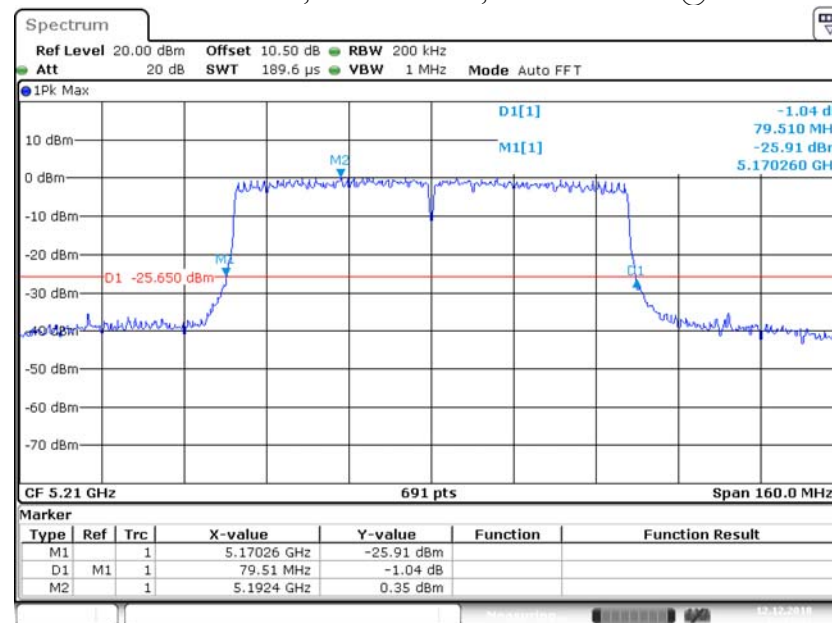


## HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1 @ 5200 MHz



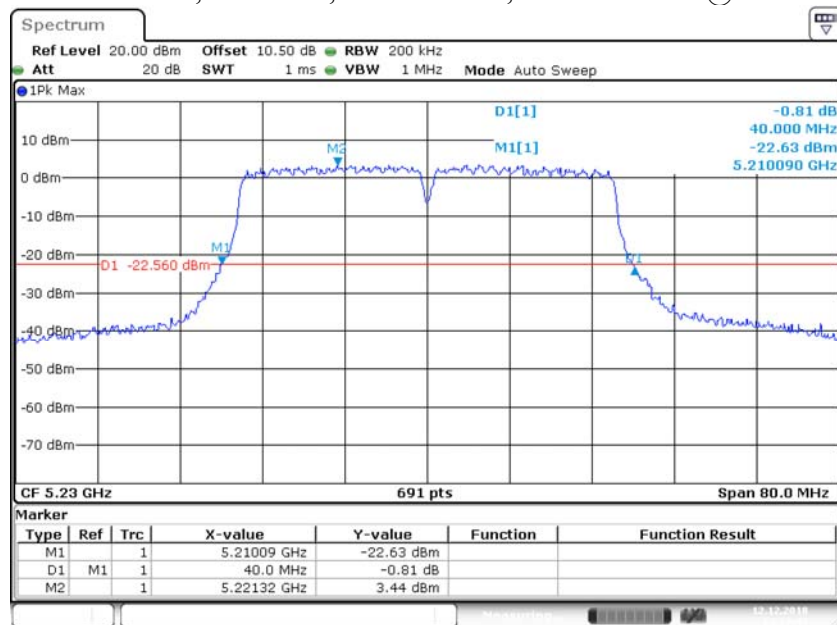
Date: 2 NOV 2018 10:26:25

## VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 @ 5210 MHz



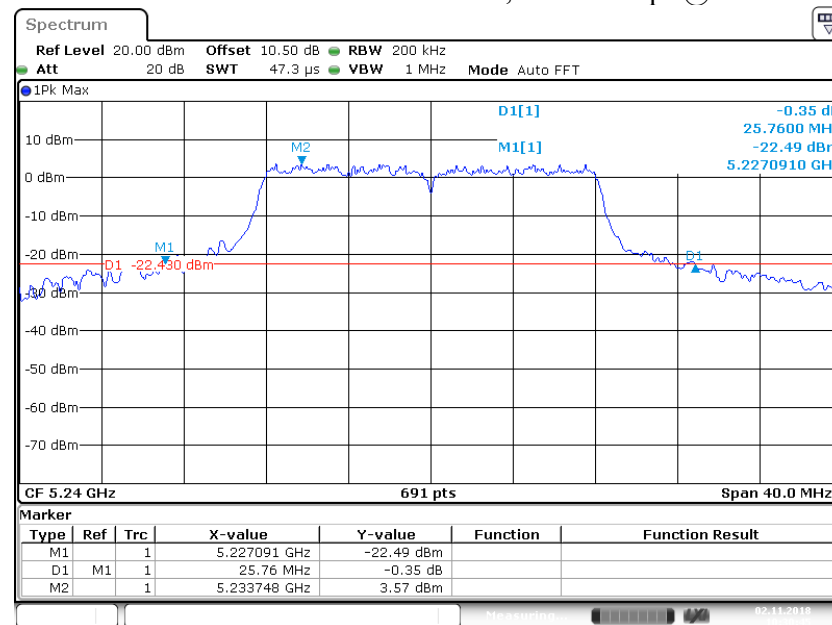
Date: 12 DEC 2018 15:01:32

HT/VHT/HE40, M0 to M7, M0.1 to M8.1, M0.1 to M11.1 @ 5230 MHz



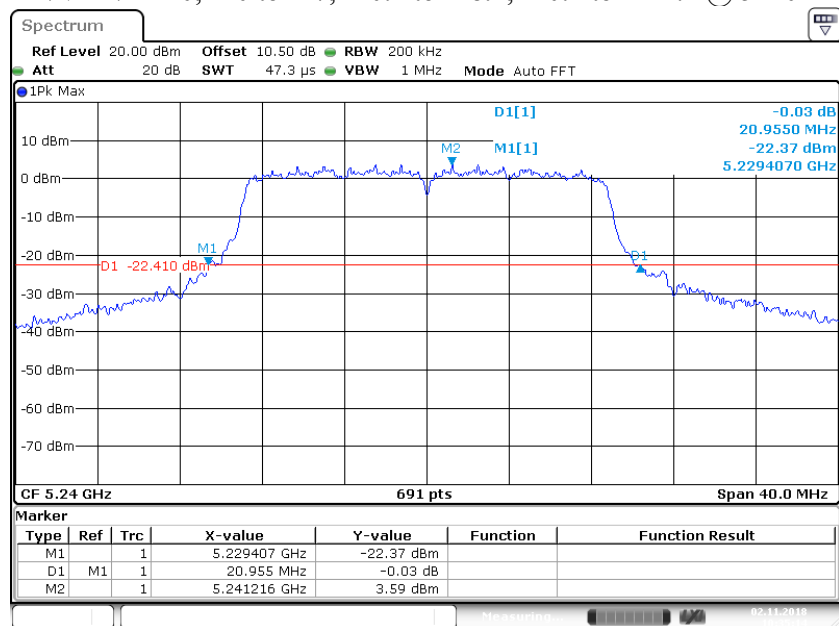
Date: 12.DEC.2018 14:27:45

non HT20, 6 to 54 Mbps @ 5240 MHz



Date: 2 NOV 2018 10:30:45

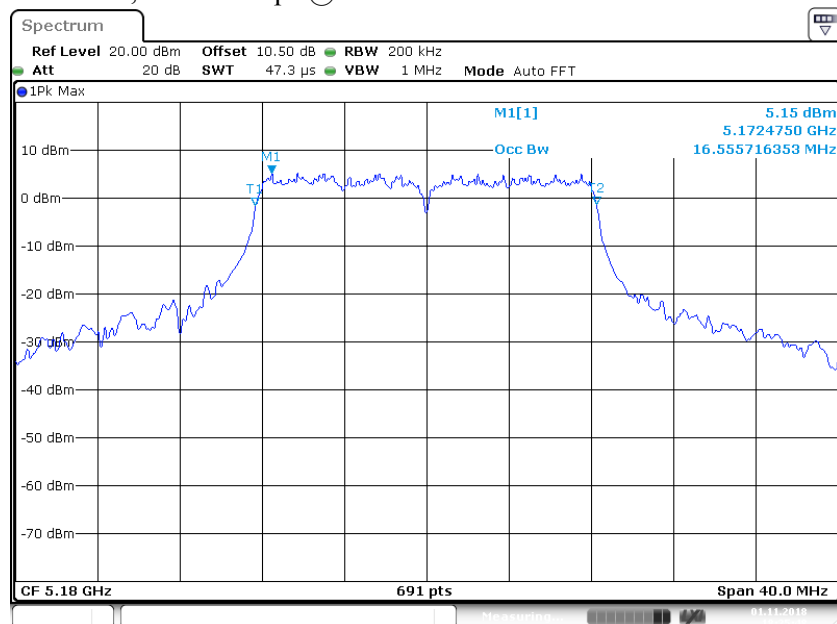
HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1 @ 5240 MHz



Date: 2 NOV 2018 10:35:15

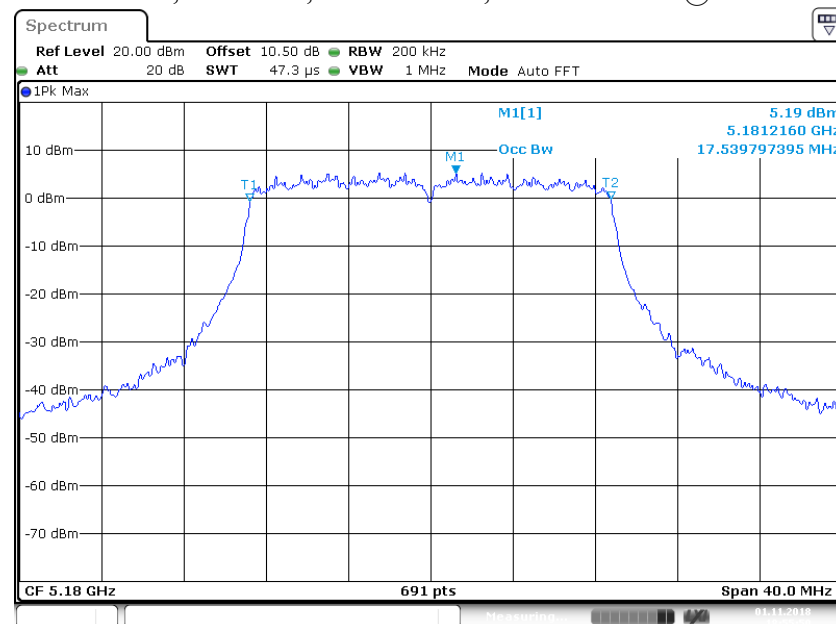
## 99% Occupied Bandwidth

non HT20, 6 to 54 Mbps @ 5180 MHz



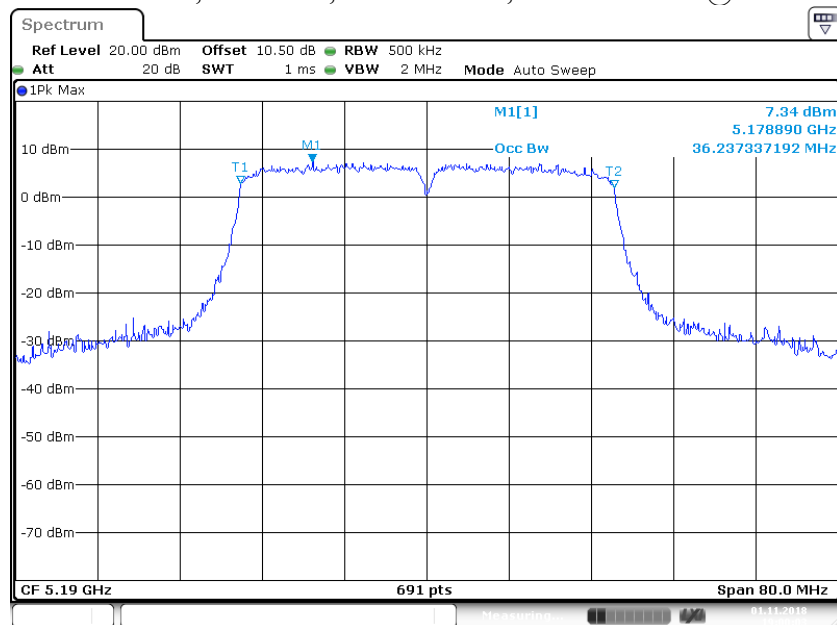
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HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1 @ 5180 MHz



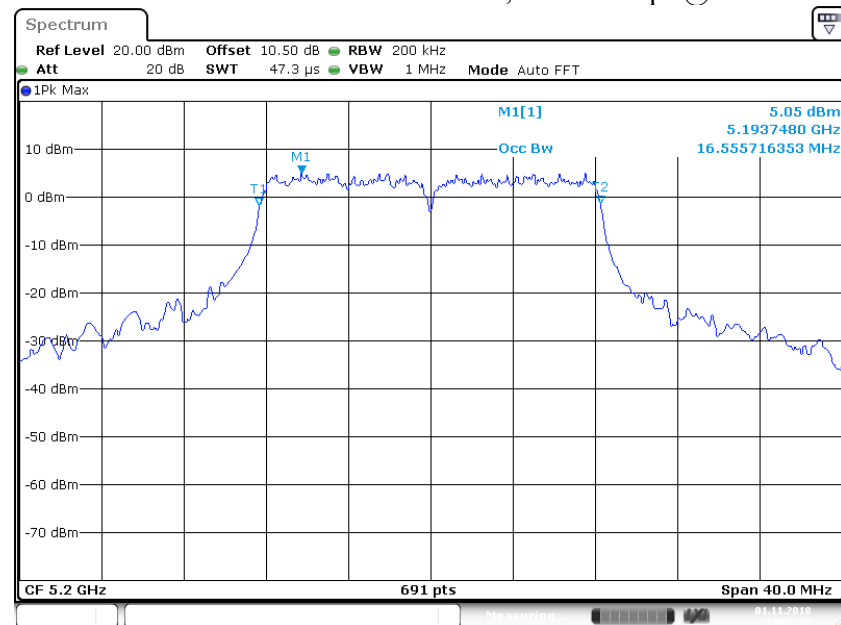
Date: 1 NOV 2018 18:55:50

HT/VHT/HE40, M0 to M7, M0.1 to M8.1, M0.1 to M11.1 @ 5190 MHz



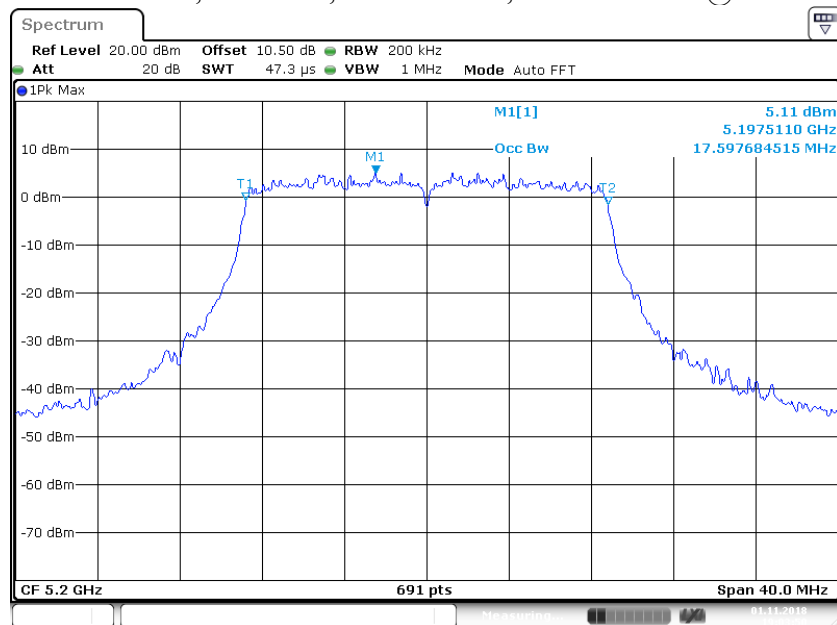
Date: 1 NOV 2018 19:00:04

non HT20, 6 to 54 Mbps @ 5200 MHz



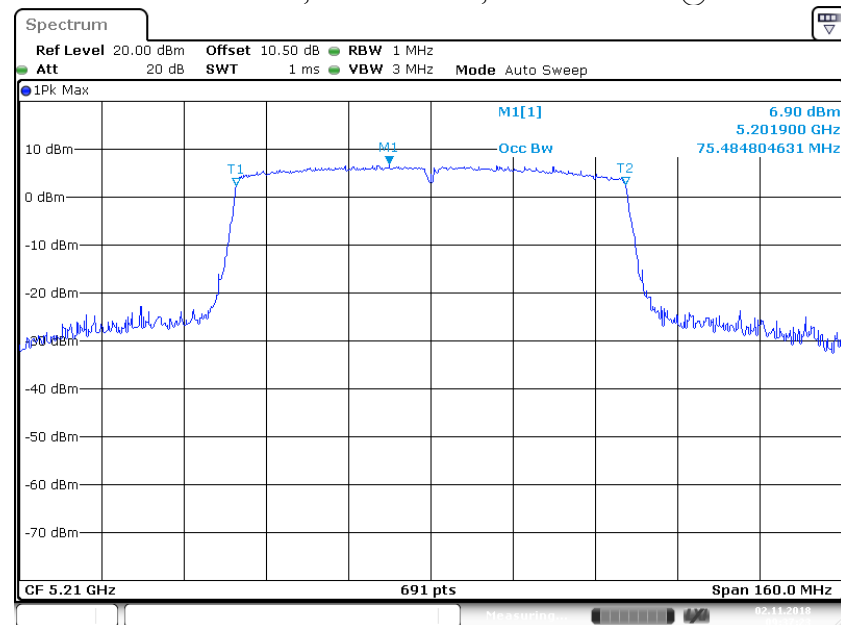
Date: 1 NOV 2018 19:02:08

## HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1 @ 5200 MHz



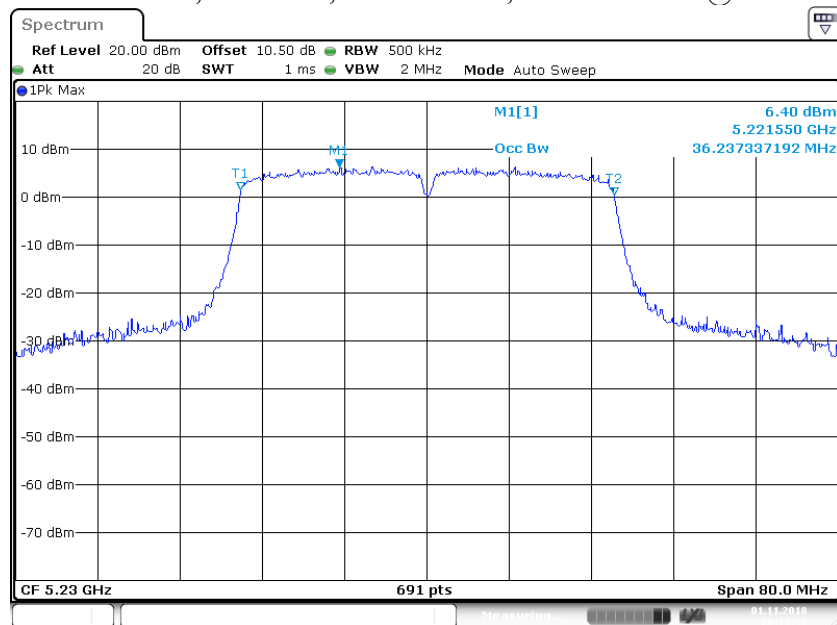
Date: 1 NOV 2018 19:33:50

## VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 @ 5210 MHz



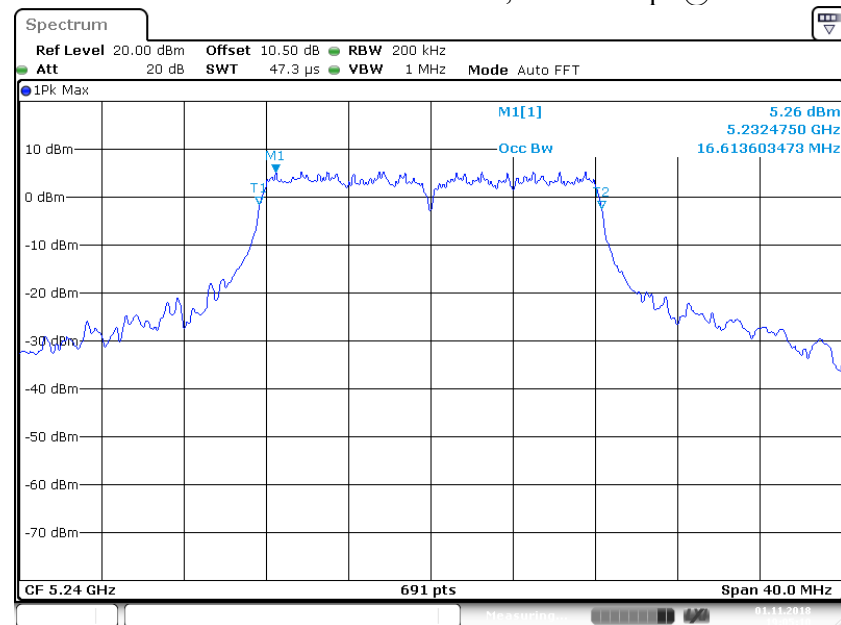
Date: 2 NOV 2018 09:37:24

HT/VHT/HE40, M0 to M7, M0.1 to M8.1, M0.1 to M11.1 @ 5230 MHz



Date: 1 NOV 2018 20:11:35

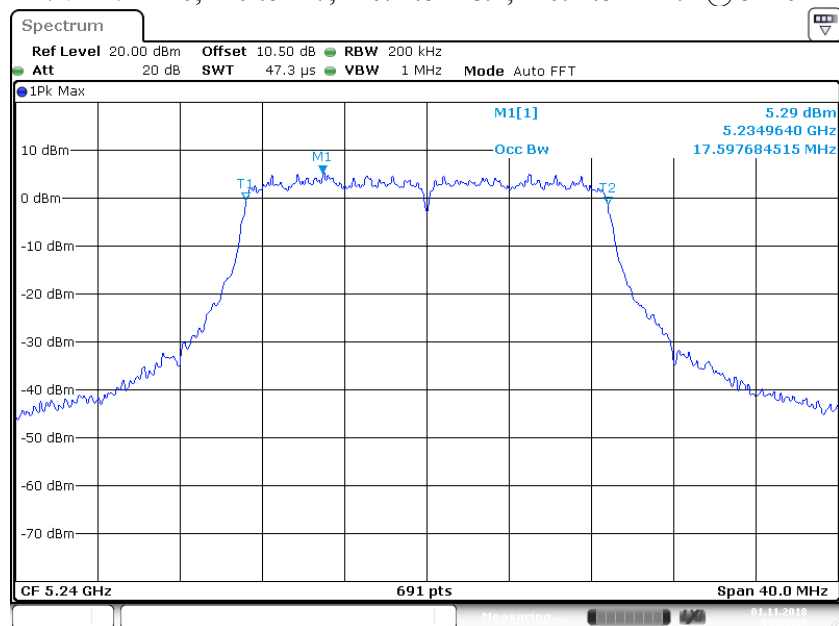
non HT20, 6 to 54 Mbps @ 5240 MHz



Date: 1 NOV 2018 19:05:11



HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1 @ 5240 MHz



Date: 1 NOV 2018 19:06:06

**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                          | 16.54                |                      |                      |                      |                      |                      |                      |                      | 0.22      | 16.76                 | 30.00           | 13.24       |
| non HT20, 6 to 54 Mbps                               | 2        | 6.00                          | 15.51                | 13.76                |                      |                      |                      |                      |                      |                      | 0.22      | 17.95                 | 30.00           | 12.05       |
| non HT20, 6 to 54 Mbps                               | 3        | 6.00                          | 15.51                | 13.94                | 14.25                |                      |                      |                      |                      |                      | 0.22      | 19.61                 | 30.00           | 10.39       |
| non HT20, 6 to 54 Mbps                               | 4        | 6.00                          | 14.53                | 13.19                | 13.67                | 14.46                |                      |                      |                      |                      | 0.22      | 20.24                 | 30.00           | 9.76        |
| non HT20, 6 to 54 Mbps                               | 6        | 9.00                          | 13.30                | 10.93                | 11.34                | 12.25                | 12.42                | 11.98                |                      |                      | 0.22      | 20.10                 | 27.00           | 6.90        |
| non HT20, 6 to 54 Mbps                               | 8        | 9.00                          | 10.67                | 8.35                 | 8.57                 | 10.15                | 10.47                | 10.02                | 9.37                 | 9.50                 | 0.22      | 18.96                 | 27.00           | 8.04        |
| non HT20, 6 to 54 Mbps-BF                            | 2        | 9.01                          | 14.45                | 13.03                |                      |                      |                      |                      |                      |                      | 0.22      | 17.03                 | 26.99           | 9.96        |
| non HT20, 6 to 54 Mbps-BF                            | 3        | 10.77                         | 13.86                | 11.90                | 13.22                |                      |                      |                      |                      |                      | 0.22      | 18.06                 | 25.23           | 7.17        |
| non HT20, 6 to 54 Mbps-BF                            | 4        | 12.02                         | 14.08                | 11.63                | 12.75                | 13.29                |                      |                      |                      |                      | 0.22      | 19.27                 | 23.98           | 4.71        |
| non HT20, 6 to 54 Mbps-BF                            | 6        | 13.78                         | 9.97                 | 7.62                 | 9.20                 | 8.66                 | 9.26                 | 8.46                 |                      |                      | 0.22      | 16.92                 | 22.22           | 5.30        |
| non HT20, 6 to 54 Mbps-BF                            | 8        | 15.03                         | 5.96                 | 5.43                 | 5.51                 | 5.12                 | 6.34                 | 5.32                 | 5.40                 | 5.17                 | 0.22      | 14.80                 | 20.97           | 6.17        |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 1        | 6.00                          | 16.46                |                      |                      |                      |                      |                      |                      |                      | 0.22      | 16.68                 | 30.00           | 13.32       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 2        | 6.00                          | 16.47                | 14.41                |                      |                      |                      |                      |                      |                      | 0.22      | 18.79                 | 30.00           | 11.21       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 2        | 6.00                          | 16.46                | 14.47                |                      |                      |                      |                      |                      |                      | 0.22      | 18.81                 | 30.00           | 11.19       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 3        | 6.00                          | 16.52                | 14.23                | 15.32                |                      |                      |                      |                      |                      | 0.22      | 20.45                 | 30.00           | 9.55        |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 3        | 6.00                          | 16.75                | 14.50                | 15.50                |                      |                      |                      |                      |                      | 0.22      | 20.67                 | 30.00           | 9.33        |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 3        | 6.00                          | 15.64                | 13.97                | 14.33                |                      |                      |                      |                      |                      | 0.22      | 19.70                 | 30.00           | 10.30       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 4        | 6.00                          | 15.42                | 13.70                | 14.13                | 14.89                |                      |                      |                      |                      | 0.22      | 20.83                 | 30.00           | 9.17        |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 4        | 6.00                          | 15.60                | 13.93                | 14.43                | 15.06                |                      |                      |                      |                      | 0.22      | 21.04                 | 30.00           | 8.96        |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 4        | 6.00                          | 14.79                | 13.51                | 13.93                | 14.85                |                      |                      |                      |                      | 0.22      | 20.55                 | 30.00           | 9.45        |

|                                                         |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|---------------------------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4    | 4 | 6.00  | 14.55 | 13.35 | 13.66 | 14.60 |       |       |       |       | 0.22 | 20.31 | 30.00 | 9.69  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1      | 6 | 9.00  | 13.11 | 10.68 | 10.54 | 12.15 | 12.22 | 12.50 |       |       | 0.22 | 19.97 | 27.00 | 7.03  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2     | 6 | 8.39  | 16.12 | 14.07 | 13.57 | 15.30 | 15.45 | 15.58 |       |       | 0.22 | 23.10 | 27.61 | 4.51  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3    | 6 | 7.51  | 15.34 | 13.61 | 13.02 | 15.00 | 14.75 | 15.08 |       |       | 0.22 | 22.55 | 28.49 | 5.94  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4    | 6 | 6.88  | 15.33 | 13.62 | 12.99 | 15.00 | 14.74 | 15.08 |       |       | 0.22 | 22.54 | 29.12 | 6.58  |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                   | 6 | 6.40  | 15.91 | 13.88 | 13.33 | 15.05 | 15.23 | 15.35 |       |       | 0.22 | 22.88 | 29.60 | 6.72  |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                   | 6 | 6.00  | 16.12 | 14.09 | 13.56 | 15.25 | 15.45 | 15.55 |       |       | 0.22 | 23.09 | 30.00 | 6.91  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1      | 8 | 9.00  | 10.52 | 7.87  | 8.89  | 9.73  | 10.18 | 9.84  | 10.01 | 9.30  | 0.22 | 18.86 | 27.00 | 8.14  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2     | 8 | 9.00  | 14.11 | 11.52 | 12.43 | 13.35 | 13.71 | 13.47 | 13.52 | 12.85 | 0.22 | 22.44 | 27.00 | 4.56  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3    | 8 | 8.13  | 13.36 | 10.72 | 11.71 | 12.57 | 12.84 | 12.48 | 14.30 | 12.12 | 0.22 | 21.88 | 27.87 | 5.99  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4    | 8 | 7.51  | 13.36 | 10.71 | 11.75 | 12.63 | 12.81 | 12.50 | 12.58 | 12.14 | 0.22 | 21.62 | 28.49 | 6.87  |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                   | 8 | 7.02  | 14.43 | 12.65 | 13.05 | 14.30 | 14.35 | 14.12 | 12.54 | 13.88 | 0.22 | 22.98 | 28.98 | 6.00  |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                   | 8 | 6.62  | 14.66 | 12.85 | 13.31 | 14.51 | 14.54 | 14.26 | 13.79 | 14.00 | 0.22 | 23.28 | 29.38 | 6.10  |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7                   | 8 | 6.29  | 14.46 | 11.90 | 12.86 | 13.73 | 14.03 | 13.75 | 13.65 | 13.25 | 0.22 | 22.76 | 29.71 | 6.95  |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8                   | 8 | 6.00  | 14.51 | 11.86 | 12.87 | 13.75 | 14.04 | 13.77 | 13.67 | 13.30 | 0.22 | 22.79 | 30.00 | 7.21  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 2 | 9.01  | 16.53 | 14.43 |       |       |       |       |       |       | 0.22 | 18.83 | 26.99 | 8.16  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 2 | 6.00  | 16.51 | 14.52 |       |       |       |       |       |       | 0.22 | 18.86 | 30.00 | 11.14 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 3 | 10.77 | 15.37 | 13.99 | 14.10 |       |       |       |       |       | 0.22 | 19.52 | 25.23 | 5.71  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 3 | 7.76  | 15.62 | 14.14 | 14.31 |       |       |       |       |       | 0.22 | 19.73 | 28.24 | 8.51  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 3 | 6.00  | 14.51 | 13.58 | 13.51 |       |       |       |       |       | 0.22 | 18.88 | 30.00 | 11.12 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 4 | 12.02 | 14.33 | 12.80 | 13.16 | 14.31 |       |       |       |       | 0.22 | 19.94 | 23.98 | 4.04  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 4 | 9.01  | 15.74 | 13.72 | 14.16 | 15.06 |       |       |       |       | 0.22 | 20.98 | 26.99 | 6.01  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 4 | 7.25  | 14.39 | 12.02 | 12.85 | 13.71 |       |       |       |       | 0.22 | 19.57 | 28.75 | 9.18  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 4 | 6.00  | 14.63 | 13.11 | 13.58 | 14.59 |       |       |       |       | 0.22 | 20.27 | 30.00 | 9.73  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 6 | 13.78 | 12.86 | 9.51  | 10.55 | 12.04 | 12.28 | 12.52 |       |       | 0.22 | 19.78 | 22.22 | 2.44  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 6 | 10.77 | 14.78 | 12.22 | 12.68 | 14.54 | 14.49 | 14.80 |       |       | 0.22 | 22.04 | 25.23 | 3.19  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 6 | 9.01  | 13.45 | 10.06 | 11.11 | 12.59 | 12.80 | 13.05 |       |       | 0.22 | 20.33 | 26.99 | 6.66  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 6 | 7.76  | 14.53 | 11.17 | 12.19 | 13.71 | 13.96 | 14.29 |       |       | 0.22 | 21.47 | 28.24 | 6.77  |

|                                                         |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|---------------------------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                | 6 | 6.79  | 15.68 | 12.67 | 13.36 | 14.92 | 15.28 | 15.37 |       |       | 0.22 | 22.68 | 29.21 | 6.53  |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                | 6 | 6.00  | 15.89 | 12.88 | 13.56 | 15.13 | 15.50 | 15.55 |       |       | 0.22 | 22.89 | 30.00 | 7.11  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 8 | 15.03 | 9.41  | 6.83  | 7.20  | 8.44  | 8.98  | 8.96  | 8.91  | 8.23  | 0.22 | 17.70 | 20.97 | 3.27  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 8 | 12.02 | 13.00 | 10.43 | 10.68 | 12.23 | 12.38 | 12.60 | 12.39 | 11.76 | 0.22 | 21.27 | 23.98 | 2.71  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 8 | 10.26 | 12.29 | 9.58  | 9.96  | 11.44 | 11.60 | 11.80 | 11.68 | 11.06 | 0.22 | 20.51 | 25.74 | 5.23  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 8 | 9.01  | 13.34 | 10.77 | 11.06 | 12.65 | 12.74 | 12.98 | 12.72 | 12.13 | 0.22 | 21.63 | 26.99 | 5.36  |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                | 8 | 8.04  | 13.86 | 11.36 | 11.64 | 13.19 | 13.38 | 13.68 | 12.57 | 12.73 | 0.22 | 22.13 | 27.96 | 5.83  |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                | 8 | 7.25  | 14.67 | 12.90 | 12.68 | 14.54 | 14.40 | 14.67 | 13.26 | 14.05 | 0.22 | 23.21 | 28.75 | 5.54  |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7-BF                | 8 | 6.58  | 14.42 | 11.91 | 12.17 | 13.73 | 13.93 | 14.20 | 13.90 | 13.25 | 0.22 | 22.77 | 29.42 | 6.65  |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8-BF                | 8 | 6.00  | 14.45 | 11.92 | 12.22 | 13.79 | 13.95 | 14.21 | 13.67 | 13.29 | 0.22 | 22.77 | 30.00 | 7.23  |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 2 | 6.00  | 16.52 | 14.28 |       |       |       |       |       |       | 0.22 | 18.78 | 30.00 | 11.22 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 3 | 6.00  | 16.47 | 14.49 | 15.42 |       |       |       |       |       | 0.22 | 20.53 | 30.00 | 9.47  |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 4 | 6.00  | 15.64 | 13.54 | 14.38 | 14.91 |       |       |       |       | 0.22 | 20.93 | 30.00 | 9.07  |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 6 | 6.00  | 15.70 | 13.42 | 13.34 | 14.91 | 15.29 | 15.37 |       |       | 0.22 | 22.77 | 30.00 | 7.23  |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 8 | 6.00  | 13.89 | 11.97 | 13.33 | 13.18 | 13.55 | 13.32 | 13.26 | 12.73 | 0.22 | 22.44 | 30.00 | 7.56  |

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                          | 16.52                |                      |                      |                      |                      |                      |                      |                      | 0.22      | 16.74                 | 30.00           | 13.26       |
| non HT20, 6 to 54 Mbps                               | 2        | 6.00                          | 16.53                | 14.88                |                      |                      |                      |                      |                      |                      | 0.22      | 19.01                 | 30.00           | 10.99       |
| non HT20, 6 to 54 Mbps                               | 3        | 6.00                          | 16.53                | 14.99                | 15.48                |                      |                      |                      |                      |                      | 0.22      | 20.71                 | 30.00           | 9.29        |
| non HT20, 6 to 54 Mbps                               | 4        | 6.00                          | 16.70                | 14.96                | 15.63                | 16.06                |                      |                      |                      |                      | 0.22      | 22.12                 | 30.00           | 7.88        |
| non HT20, 6 to 54 Mbps                               | 6        | 9.00                          | 13.37                | 9.98                 | 13.61                | 12.51                | 12.40                | 11.87                |                      |                      | 0.22      | 20.44                 | 27.00           | 6.56        |
| non HT20, 6 to 54 Mbps                               | 8        | 9.00                          | 10.69                | 8.70                 | 10.29                | 10.14                | 10.23                | 10.27                | 9.81                 | 9.19                 | 0.22      | 19.21                 | 27.00           | 7.79        |
| non HT20, 6 to 54 Mbps-BF                            | 2        | 9.01                          | 16.56                | 14.86                |                      |                      |                      |                      |                      |                      | 0.22      | 19.02                 | 26.99           | 7.97        |
| non HT20, 6 to 54 Mbps-BF                            | 3        | 10.77                         | 16.63                | 14.99                | 16.16                |                      |                      |                      |                      |                      | 0.22      | 20.97                 | 25.23           | 4.26        |
| non HT20, 6 to 54 Mbps-BF                            | 4        | 12.02                         | 16.65                | 14.99                | 15.89                | 16.07                |                      |                      |                      |                      | 0.22      | 22.18                 | 23.98           | 1.80        |
| non HT20, 6 to 54 Mbps-BF                            | 6        | 13.78                         | 13.41                | 11.41                | 13.59                | 12.06                | 12.51                | 11.82                |                      |                      | 0.22      | 20.54                 | 22.22           | 1.68        |
| non HT20, 6 to 54 Mbps-BF                            | 8        | 15.03                         | 10.74                | 8.50                 | 8.95                 | 10.08                | 10.47                | 9.79                 | 9.94                 | 9.14                 | 0.22      | 19.01                 | 20.97           | 1.96        |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 1        | 6.00                          | 16.46                |                      |                      |                      |                      |                      |                      |                      | 0.22      | 16.68                 | 30.00           | 13.32       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 2        | 6.00                          | 16.45                | 14.60                |                      |                      |                      |                      |                      |                      | 0.22      | 18.85                 | 30.00           | 11.15       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 2        | 6.00                          | 16.41                | 14.64                |                      |                      |                      |                      |                      |                      | 0.22      | 18.84                 | 30.00           | 11.16       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 3        | 6.00                          | 16.42                | 14.94                | 15.39                |                      |                      |                      |                      |                      | 0.22      | 20.62                 | 30.00           | 9.38        |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 3        | 6.00                          | 16.38                | 14.96                | 15.35                |                      |                      |                      |                      |                      | 0.22      | 20.60                 | 30.00           | 9.40        |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 3        | 6.00                          | 16.62                | 15.21                | 15.48                |                      |                      |                      |                      |                      | 0.22      | 20.81                 | 30.00           | 9.19        |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 4        | 6.00                          | 16.71                | 14.91                | 15.22                | 15.85                |                      |                      |                      |                      | 0.22      | 21.97                 | 30.00           | 8.03        |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 4        | 6.00                          | 16.70                | 14.93                | 15.26                | 15.86                |                      |                      |                      |                      | 0.22      | 21.98                 | 30.00           | 8.02        |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 4        | 6.00                          | 16.92                | 15.22                | 15.55                | 16.06                |                      |                      |                      |                      | 0.22      | 22.23                 | 30.00           | 7.77        |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4 | 4        | 6.00                          | 16.94                | 15.18                | 15.58                | 16.11                |                      |                      |                      |                      | 0.22      | 22.24                 | 30.00           | 7.76        |

|                                                         |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|---------------------------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1      | 6 | 9.00  | 13.19 | 11.22 | 11.10 | 12.27 | 12.28 | 11.53 |       |       | 0.22 | 20.00 | 27.00 | 7.00  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2     | 6 | 8.39  | 16.00 | 14.35 | 13.89 | 15.15 | 15.29 | 14.39 |       |       | 0.22 | 22.90 | 27.61 | 4.71  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3    | 6 | 7.51  | 17.19 | 15.41 | 15.46 | 16.48 | 16.40 | 15.69 |       |       | 0.22 | 24.15 | 28.49 | 4.34  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4    | 6 | 6.88  | 17.21 | 15.35 | 15.39 | 16.43 | 16.45 | 15.69 |       |       | 0.22 | 24.14 | 29.12 | 4.98  |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                   | 6 | 6.40  | 17.04 | 15.15 | 15.22 | 16.14 | 16.17 | 15.45 |       |       | 0.22 | 23.92 | 29.60 | 5.68  |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                   | 6 | 6.00  | 17.11 | 15.17 | 15.13 | 16.18 | 16.21 | 15.39 |       |       | 0.22 | 23.93 | 30.00 | 6.07  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1      | 8 | 9.00  | 10.51 | 8.57  | 9.96  | 9.97  | 11.17 | 9.96  | 9.23  | 8.84  | 0.22 | 19.10 | 27.00 | 7.90  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2     | 8 | 9.00  | 13.83 | 12.14 | 13.30 | 13.35 | 13.59 | 13.39 | 12.72 | 12.39 | 0.22 | 22.38 | 27.00 | 4.62  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3    | 8 | 8.13  | 15.75 | 14.36 | 15.28 | 15.39 | 15.57 | 15.20 | 14.54 | 14.49 | 0.22 | 24.35 | 27.87 | 3.52  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4    | 8 | 7.51  | 16.78 | 15.21 | 16.37 | 16.46 | 16.52 | 16.15 | 15.65 | 15.34 | 0.22 | 25.34 | 28.49 | 3.15  |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                   | 8 | 7.02  | 16.63 | 14.84 | 16.26 | 16.22 | 16.32 | 15.97 | 15.54 | 15.13 | 0.22 | 25.15 | 28.98 | 3.83  |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                   | 8 | 6.62  | 16.65 | 14.83 | 16.21 | 16.18 | 16.27 | 15.94 | 15.48 | 15.18 | 0.22 | 25.13 | 29.38 | 4.25  |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7                   | 8 | 6.29  | 16.74 | 15.18 | 16.42 | 16.40 | 16.50 | 16.18 | 15.63 | 15.33 | 0.22 | 25.33 | 29.71 | 4.38  |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8                   | 8 | 6.00  | 16.76 | 15.15 | 16.39 | 16.42 | 16.47 | 16.14 | 15.68 | 15.35 | 0.22 | 25.33 | 30.00 | 4.67  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 2 | 9.01  | 16.47 | 14.67 |       |       |       |       |       |       | 0.22 | 18.89 | 26.99 | 8.10  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 2 | 6.00  | 16.47 | 14.57 |       |       |       |       |       |       | 0.22 | 18.85 | 30.00 | 11.15 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 3 | 10.77 | 16.51 | 14.54 | 15.94 |       |       |       |       |       | 0.22 | 20.73 | 25.23 | 4.50  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 3 | 7.76  | 16.47 | 14.62 | 15.96 |       |       |       |       |       | 0.22 | 20.74 | 28.24 | 7.50  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 3 | 6.00  | 16.69 | 14.89 | 16.17 |       |       |       |       |       | 0.22 | 20.97 | 30.00 | 9.03  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 4 | 12.02 | 16.52 | 14.32 | 15.70 | 15.93 |       |       |       |       | 0.22 | 21.93 | 23.98 | 2.05  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 4 | 9.01  | 16.56 | 14.41 | 15.77 | 15.94 |       |       |       |       | 0.22 | 21.98 | 26.99 | 5.01  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 4 | 7.25  | 16.77 | 14.54 | 15.89 | 16.11 |       |       |       |       | 0.22 | 22.14 | 28.75 | 6.61  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 4 | 6.00  | 16.74 | 14.56 | 15.92 | 16.09 |       |       |       |       | 0.22 | 22.14 | 30.00 | 7.86  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 6 | 13.78 | 12.30 | 11.24 | 13.42 | 11.40 | 12.28 | 11.48 |       |       | 0.22 | 20.09 | 22.22 | 2.13  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 6 | 10.77 | 15.09 | 14.29 | 16.18 | 14.35 | 15.26 | 14.32 |       |       | 0.22 | 22.97 | 25.23 | 2.26  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 6 | 9.01  | 16.41 | 15.38 | 17.44 | 15.74 | 16.41 | 15.64 |       |       | 0.22 | 24.23 | 26.99 | 2.76  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 6 | 7.76  | 16.41 | 15.38 | 17.44 | 15.72 | 16.41 | 15.69 |       |       | 0.22 | 24.23 | 28.24 | 4.01  |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                | 6 | 6.79  | 16.25 | 15.11 | 17.26 | 15.38 | 16.24 | 15.42 |       |       | 0.22 | 24.01 | 29.21 | 5.20  |

|                                                         |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|---------------------------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                | 6 | 6.00  | 16.23 | 15.08 | 17.25 | 15.41 | 16.21 | 15.41 |       |       | 0.22 | 24.00 | 30.00 | 6.00  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 8 | 15.03 | 10.56 | 8.16  | 8.54  | 9.89  | 10.05 | 10.18 | 9.68  | 8.97  | 0.22 | 18.83 | 20.97 | 2.14  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 8 | 12.02 | 13.86 | 11.79 | 11.75 | 13.31 | 13.43 | 13.66 | 13.02 | 12.36 | 0.22 | 22.22 | 23.98 | 1.76  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 8 | 10.26 | 15.76 | 14.02 | 13.88 | 15.36 | 15.48 | 15.36 | 15.05 | 14.56 | 0.22 | 24.23 | 25.74 | 1.51  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 8 | 9.01  | 16.80 | 14.70 | 15.05 | 16.37 | 16.30 | 16.44 | 16.17 | 15.32 | 0.22 | 25.20 | 26.99 | 1.79  |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                | 8 | 8.04  | 16.62 | 14.45 | 14.78 | 16.14 | 16.07 | 16.21 | 15.94 | 15.12 | 0.22 | 24.98 | 27.96 | 2.98  |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                | 8 | 7.25  | 16.63 | 14.48 | 14.75 | 16.06 | 16.12 | 16.21 | 15.98 | 15.18 | 0.22 | 24.99 | 28.75 | 3.76  |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7-BF                | 8 | 6.58  | 16.77 | 14.74 | 15.03 | 16.34 | 16.33 | 16.34 | 16.10 | 15.34 | 0.22 | 25.18 | 29.42 | 4.24  |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8-BF                | 8 | 6.00  | 16.78 | 14.77 | 15.11 | 16.39 | 16.31 | 16.40 | 16.04 | 15.38 | 0.22 | 25.20 | 30.00 | 4.80  |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 2 | 6.00  | 16.45 | 14.64 |       |       |       |       |       |       | 0.22 | 18.87 | 30.00 | 11.13 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 3 | 6.00  | 16.39 | 14.79 | 15.92 |       |       |       |       |       | 0.22 | 20.74 | 30.00 | 9.26  |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 4 | 6.00  | 16.52 | 14.73 | 15.28 | 15.85 |       |       |       |       | 0.22 | 21.89 | 30.00 | 8.11  |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 6 | 6.00  | 15.69 | 14.45 | 15.66 | 14.33 | 15.29 | 14.37 |       |       | 0.22 | 23.01 | 30.00 | 6.99  |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 8 | 6.00  | 13.76 | 12.14 | 12.03 | 13.37 | 13.41 | 13.53 | 12.97 | 12.35 | 0.22 | 22.24 | 30.00 | 7.76  |

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                          | 16.34                |                      |                      |                      |                      |                      |                      |                      | 0.22      | 16.56                 | 30.00           | 13.44       |
| non HT20, 6 to 54 Mbps                               | 2        | 6.00                          | 16.29                | 14.53                |                      |                      |                      |                      |                      |                      | 0.22      | 18.73                 | 30.00           | 11.27       |
| non HT20, 6 to 54 Mbps                               | 3        | 6.00                          | 16.34                | 14.38                | 15.47                |                      |                      |                      |                      |                      | 0.22      | 20.46                 | 30.00           | 9.54        |
| non HT20, 6 to 54 Mbps                               | 4        | 6.00                          | 16.46                | 14.45                | 15.63                | 15.73                |                      |                      |                      |                      | 0.22      | 21.87                 | 30.00           | 8.13        |
| non HT20, 6 to 54 Mbps                               | 6        | 9.00                          | 12.91                | 10.72                | 13.40                | 12.32                | 12.30                | 10.43                |                      |                      | 0.22      | 20.15                 | 27.00           | 6.85        |
| non HT20, 6 to 54 Mbps                               | 8        | 9.00                          | 10.64                | 8.39                 | 9.06                 | 8.95                 | 9.89                 | 9.28                 | 9.49                 | 8.71                 | 0.22      | 18.60                 | 27.00           | 8.40        |
| non HT20, 6 to 54 Mbps-BF                            | 2        | 9.01                          | 16.30                | 14.68                |                      |                      |                      |                      |                      |                      | 0.22      | 18.80                 | 26.99           | 8.19        |
| non HT20, 6 to 54 Mbps-BF                            | 3        | 10.77                         | 16.25                | 14.42                | 16.07                |                      |                      |                      |                      |                      | 0.22      | 20.65                 | 25.23           | 4.58        |
| non HT20, 6 to 54 Mbps-BF                            | 4        | 12.02                         | 16.44                | 14.71                | 15.58                | 15.76                |                      |                      |                      |                      | 0.22      | 21.91                 | 23.98           | 2.07        |
| non HT20, 6 to 54 Mbps-BF                            | 6        | 13.78                         | 12.33                | 10.77                | 11.26                | 12.36                | 12.35                | 12.34                |                      |                      | 0.22      | 19.95                 | 22.22           | 2.27        |
| non HT20, 6 to 54 Mbps-BF                            | 8        | 15.03                         | 10.60                | 8.30                 | 9.10                 | 9.08                 | 10.37                | 8.80                 | 9.41                 | 8.80                 | 0.22      | 18.62                 | 20.97           | 2.35        |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 1        | 6.00                          | 16.11                |                      |                      |                      |                      |                      |                      |                      | 0.22      | 16.33                 | 30.00           | 13.67       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 2        | 6.00                          | 16.12                | 14.42                |                      |                      |                      |                      |                      |                      | 0.22      | 18.58                 | 30.00           | 11.42       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 2        | 6.00                          | 16.14                | 14.44                |                      |                      |                      |                      |                      |                      | 0.22      | 18.60                 | 30.00           | 11.40       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 3        | 6.00                          | 16.05                | 14.38                | 15.40                |                      |                      |                      |                      |                      | 0.22      | 20.32                 | 30.00           | 9.68        |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 3        | 6.00                          | 16.06                | 14.38                | 15.31                |                      |                      |                      |                      |                      | 0.22      | 20.30                 | 30.00           | 9.70        |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 3        | 6.00                          | 16.20                | 14.61                | 15.55                |                      |                      |                      |                      |                      | 0.22      | 20.49                 | 30.00           | 9.51        |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 4        | 6.00                          | 16.36                | 14.53                | 15.43                | 15.53                |                      |                      |                      |                      | 0.22      | 21.75                 | 30.00           | 8.25        |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 4        | 6.00                          | 16.37                | 14.57                | 15.35                | 15.54                |                      |                      |                      |                      | 0.22      | 21.75                 | 30.00           | 8.25        |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 4        | 6.00                          | 16.54                | 14.76                | 15.57                | 15.86                |                      |                      |                      |                      | 0.22      | 21.97                 | 30.00           | 8.03        |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4 | 4        | 6.00                          | 16.52                | 14.84                | 15.65                | 15.87                |                      |                      |                      |                      | 0.22      | 22.00                 | 30.00           | 8.00        |



|                                                         |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|---------------------------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1      | 6 | 9.00  | 12.89 | 9.45  | 12.58 | 11.17 | 12.05 | 10.17 |       |       | 0.22 | 19.56 | 27.00 | 7.44  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2     | 6 | 8.39  | 15.95 | 12.25 | 15.58 | 14.05 | 14.97 | 13.31 |       |       | 0.22 | 22.54 | 27.61 | 5.07  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3    | 6 | 7.51  | 16.97 | 13.35 | 16.68 | 15.40 | 16.22 | 14.49 |       |       | 0.22 | 23.70 | 28.49 | 4.79  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4    | 6 | 6.88  | 16.95 | 13.25 | 16.68 | 15.45 | 16.17 | 14.46 |       |       | 0.22 | 23.68 | 29.12 | 5.44  |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                   | 6 | 6.40  | 16.79 | 12.96 | 16.47 | 15.33 | 16.01 | 14.26 |       |       | 0.22 | 23.50 | 29.60 | 6.10  |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                   | 6 | 6.00  | 16.77 | 12.97 | 16.61 | 15.25 | 16.05 | 14.23 |       |       | 0.22 | 23.51 | 30.00 | 6.49  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1      | 8 | 9.00  | 10.37 | 8.33  | 10.28 | 9.77  | 9.82  | 9.05  | 9.65  | 8.57  | 0.22 | 18.79 | 27.00 | 8.21  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2     | 8 | 9.00  | 13.38 | 11.78 | 13.50 | 13.31 | 13.13 | 12.42 | 12.68 | 12.23 | 0.22 | 22.09 | 27.00 | 4.91  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3    | 8 | 8.13  | 15.68 | 13.81 | 15.59 | 15.21 | 15.06 | 14.27 | 15.00 | 14.20 | 0.22 | 24.15 | 27.87 | 3.72  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4    | 8 | 7.51  | 16.54 | 14.68 | 16.40 | 16.39 | 16.17 | 15.29 | 16.03 | 15.12 | 0.22 | 25.13 | 28.49 | 3.36  |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                   | 8 | 7.02  | 16.39 | 14.48 | 16.31 | 16.12 | 15.92 | 15.15 | 15.87 | 14.80 | 0.22 | 24.93 | 28.98 | 4.05  |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                   | 8 | 6.62  | 16.32 | 14.35 | 16.31 | 16.11 | 15.87 | 15.02 | 15.80 | 14.87 | 0.22 | 24.89 | 29.38 | 4.49  |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7                   | 8 | 6.29  | 16.51 | 14.63 | 16.52 | 16.36 | 16.16 | 15.29 | 16.07 | 15.18 | 0.22 | 25.14 | 29.71 | 4.57  |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8                   | 8 | 6.00  | 16.49 | 14.67 | 16.45 | 16.38 | 16.19 | 15.30 | 15.97 | 15.13 | 0.22 | 25.12 | 30.00 | 4.88  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 2 | 9.01  | 16.14 | 14.53 |       |       |       |       |       |       | 0.22 | 18.64 | 26.99 | 8.35  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 2 | 6.00  | 16.21 | 14.47 |       |       |       |       |       |       | 0.22 | 18.66 | 30.00 | 11.34 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 3 | 10.77 | 16.08 | 14.45 | 15.35 |       |       |       |       |       | 0.22 | 20.34 | 25.23 | 4.89  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 3 | 7.76  | 16.03 | 14.51 | 15.35 |       |       |       |       |       | 0.22 | 20.33 | 28.24 | 7.91  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 3 | 6.00  | 16.27 | 14.83 | 15.54 |       |       |       |       |       | 0.22 | 20.58 | 30.00 | 9.42  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 4 | 12.02 | 16.48 | 14.21 | 16.02 | 15.46 |       |       |       |       | 0.22 | 21.86 | 23.98 | 2.12  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 4 | 9.01  | 16.38 | 14.27 | 15.96 | 15.41 |       |       |       |       | 0.22 | 21.82 | 26.99 | 5.17  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 4 | 7.25  | 16.58 | 14.46 | 16.09 | 15.71 |       |       |       |       | 0.22 | 22.02 | 28.75 | 6.73  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 4 | 6.00  | 16.56 | 14.51 | 16.13 | 15.81 |       |       |       |       | 0.22 | 22.06 | 30.00 | 7.94  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 6 | 13.78 | 12.01 | 10.53 | 12.06 | 12.38 | 12.05 | 10.15 |       |       | 0.22 | 19.61 | 22.22 | 2.61  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 6 | 10.77 | 15.00 | 13.28 | 15.10 | 15.15 | 14.94 | 13.24 |       |       | 0.22 | 22.53 | 25.23 | 2.70  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 6 | 9.01  | 16.09 | 14.35 | 16.30 | 16.53 | 16.21 | 14.54 |       |       | 0.22 | 23.76 | 26.99 | 3.23  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 6 | 7.76  | 16.10 | 14.41 | 16.34 | 16.51 | 16.18 | 14.55 |       |       | 0.22 | 23.76 | 28.24 | 4.48  |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                | 6 | 6.79  | 15.84 | 14.06 | 16.04 | 16.31 | 16.00 | 14.20 |       |       | 0.22 | 23.50 | 29.21 | 5.71  |

|                                                         |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|---------------------------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                | 6 | 6.00  | 15.84 | 14.07 | 16.10 | 16.34 | 16.00 | 14.19 |       |       | 0.22 | 23.52 | 30.00 | 6.48  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 8 | 15.03 | 10.30 | 8.51  | 8.56  | 8.82  | 10.12 | 9.50  | 9.47  | 8.55  | 0.22 | 18.53 | 20.97 | 2.44  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 8 | 12.02 | 13.33 | 11.93 | 11.91 | 12.12 | 13.37 | 12.90 | 12.64 | 12.22 | 0.22 | 21.84 | 23.98 | 2.14  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 8 | 10.26 | 15.62 | 13.96 | 14.20 | 14.03 | 15.37 | 14.89 | 15.01 | 14.25 | 0.22 | 23.96 | 25.74 | 1.78  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 8 | 9.01  | 16.43 | 14.81 | 15.17 | 15.32 | 16.38 | 15.86 | 16.05 | 15.13 | 0.22 | 24.93 | 26.99 | 2.06  |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                | 8 | 8.04  | 16.28 | 14.44 | 14.78 | 15.11 | 16.22 | 15.55 | 15.79 | 14.80 | 0.22 | 24.67 | 27.96 | 3.29  |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                | 8 | 7.25  | 16.28 | 14.46 | 14.90 | 15.15 | 16.18 | 15.63 | 15.70 | 14.88 | 0.22 | 24.69 | 28.75 | 4.06  |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7-BF                | 8 | 6.58  | 16.43 | 14.86 | 15.16 | 15.40 | 16.40 | 15.84 | 16.05 | 15.18 | 0.22 | 24.95 | 29.42 | 4.47  |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8-BF                | 8 | 6.00  | 16.46 | 14.80 | 15.21 | 15.34 | 16.40 | 15.86 | 16.04 | 15.14 | 0.22 | 24.95 | 30.00 | 5.05  |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 2 | 6.00  | 16.10 | 14.44 |       |       |       |       |       |       | 0.22 | 18.58 | 30.00 | 11.42 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 3 | 6.00  | 16.05 | 14.44 | 15.85 |       |       |       |       |       | 0.22 | 20.49 | 30.00 | 9.51  |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 4 | 6.00  | 16.21 | 14.02 | 15.35 | 15.85 |       |       |       |       | 0.22 | 21.67 | 30.00 | 8.33  |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 6 | 6.00  | 15.01 | 13.43 | 15.67 | 15.17 | 15.00 | 15.10 |       |       | 0.22 | 22.95 | 30.00 | 7.05  |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 8 | 6.00  | 13.41 | 11.92 | 13.85 | 13.17 | 13.48 | 12.92 | 12.33 | 12.11 | 0.22 | 22.20 | 30.00 | 7.80  |

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) |
|------------------------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------|-----------------------|-----------------|-------------|
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 1        | 6.00                          | 15.73                |                      |                      |                      |                      |                      |                      |                      | 0.18      | 15.91                 | 30.00           | 14.09       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 2        | 6.00                          | 14.76                | 13.23                |                      |                      |                      |                      |                      |                      | 0.18      | 17.25                 | 30.00           | 12.75       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 2        | 6.00                          | 14.77                | 13.30                |                      |                      |                      |                      |                      |                      | 0.18      | 17.29                 | 30.00           | 12.71       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 3        | 6.00                          | 13.95                | 12.50                | 12.76                |                      |                      |                      |                      |                      | 0.18      | 18.07                 | 30.00           | 11.93       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 3        | 6.00                          | 14.11                | 12.69                | 12.99                |                      |                      |                      |                      |                      | 0.18      | 18.26                 | 30.00           | 11.74       |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 3        | 6.00                          | 12.90                | 11.66                | 11.87                |                      |                      |                      |                      |                      | 0.18      | 17.13                 | 30.00           | 12.87       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 4        | 6.00                          | 12.94                | 11.56                | 12.14                | 10.64                |                      |                      |                      |                      | 0.18      | 18.10                 | 30.00           | 11.90       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 4        | 6.00                          | 13.13                | 11.79                | 12.27                | 10.85                |                      |                      |                      |                      | 0.18      | 18.29                 | 30.00           | 11.71       |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 4        | 6.00                          | 12.12                | 11.06                | 11.34                | 9.80                 |                      |                      |                      |                      | 0.18      | 17.36                 | 30.00           | 12.64       |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 4        | 6.00                          | 11.86                | 10.88                | 11.12                | 9.56                 |                      |                      |                      |                      | 0.18      | 17.13                 | 30.00           | 12.87       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 6        | 6.00                          | 13.10                | 11.95                | 13.76                | 10.54                | 12.78                | 13.77                |                      |                      | 0.18      | 20.75                 | 30.00           | 9.25        |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 6        | 6.00                          | 13.30                | 12.15                | 13.95                | 10.77                | 12.99                | 13.99                |                      |                      | 0.18      | 20.95                 | 30.00           | 9.05        |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 6        | 6.00                          | 11.25                | 10.19                | 11.89                | 8.32                 | 10.80                | 11.93                |                      |                      | 0.18      | 18.85                 | 30.00           | 11.15       |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 6        | 6.00                          | 12.29                | 11.31                | 13.01                | 9.66                 | 12.02                | 13.03                |                      |                      | 0.18      | 19.99                 | 30.00           | 10.01       |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5                | 6        | 6.00                          | 11.96                | 10.98                | 12.65                | 9.31                 | 11.67                | 12.71                |                      |                      | 0.18      | 19.65                 | 30.00           | 10.35       |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6                | 6        | 6.00                          | 12.21                | 11.24                | 12.93                | 9.58                 | 11.97                | 12.98                |                      |                      | 0.18      | 19.92                 | 30.00           | 10.08       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 8        | 6.00                          | 11.81                | 10.57                | 10.91                | 9.30                 | 11.61                | 11.46                | 11.09                | 10.57                | 0.18      | 20.19                 | 30.00           | 9.81        |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 8        | 6.00                          | 11.98                | 10.68                | 11.10                | 9.52                 | 11.79                | 11.59                | 11.31                | 10.78                | 0.18      | 20.36                 | 30.00           | 9.64        |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 8        | 6.00                          | 11.08                | 9.70                 | 10.17                | 8.36                 | 10.78                | 10.61                | 10.37                | 9.66                 | 0.18      | 19.37                 | 30.00           | 10.63       |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 8        | 6.00                          | 11.09                | 9.71                 | 10.23                | 8.35                 | 10.86                | 10.59                | 10.42                | 9.75                 | 0.18      | 19.41                 | 30.00           | 10.59       |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5                | 8        | 6.00                          | 10.80                | 9.43                 | 9.83                 | 7.99                 | 10.41                | 10.39                | 10.00                | 9.36                 | 0.18      | 19.06                 | 30.00           | 10.94       |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6                | 8        | 6.00                          | 11.05                | 9.68                 | 10.10                | 8.26                 | 10.66                | 10.55                | 10.19                | 9.63                 | 0.18      | 19.29                 | 30.00           | 10.71       |

|                                                         |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|---------------------------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| VHT/HE40, M0.7 to M9.7, M0.7 to M11.7                   | 8 | 6.00  | 11.08 | 9.71  | 10.24 | 8.44  | 10.84 | 10.64 | 10.36 | 9.69  | 0.18 | 19.40 | 30.00 | 10.60 |
| VHT/HE40, M0.8 to M9.8, M0.8 to M11.8                   | 8 | 6.00  | 10.91 | 9.63  | 10.33 | 8.45  | 10.81 | 10.63 | 10.49 | 9.68  | 0.18 | 19.39 | 30.00 | 10.61 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 2 | 9.01  | 12.86 | 11.39 |       |       |       |       |       |       | 0.18 | 15.38 | 26.99 | 11.61 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 2 | 6.00  | 13.98 | 12.44 |       |       |       |       |       |       | 0.18 | 16.47 | 30.00 | 13.53 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 3 | 10.77 | 11.71 | 10.87 | 11.12 |       |       |       |       |       | 0.18 | 16.20 | 25.23 | 9.03  |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 3 | 7.76  | 13.09 | 12.08 | 12.41 |       |       |       |       |       | 0.18 | 17.49 | 28.24 | 10.75 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 3 | 6.00  | 12.97 | 12.09 | 12.32 |       |       |       |       |       | 0.18 | 17.43 | 30.00 | 12.57 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 4 | 12.02 | 10.80 | 9.53  | 10.11 | 8.04  |       |       |       |       | 0.18 | 15.93 | 23.98 | 8.05  |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 4 | 9.01  | 12.04 | 10.85 | 11.40 | 9.55  |       |       |       |       | 0.18 | 17.25 | 26.99 | 9.74  |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 4 | 7.25  | 12.14 | 11.07 | 11.53 | 9.69  |       |       |       |       | 0.18 | 17.40 | 28.75 | 11.35 |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 4 | 6.00  | 13.03 | 11.79 | 12.39 | 10.70 |       |       |       |       | 0.18 | 18.26 | 30.00 | 11.74 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 6 | 13.78 | 8.49  | 7.34  | 6.21  | 5.95  | 7.95  | 9.26  |       |       | 0.18 | 15.65 | 22.22 | 6.57  |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 6 | 10.77 | 9.84  | 8.43  | 7.43  | 7.24  | 9.46  | 10.66 |       |       | 0.18 | 16.98 | 25.23 | 8.25  |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 6 | 9.01  | 10.96 | 9.42  | 8.87  | 8.58  | 10.80 | 11.95 |       |       | 0.18 | 18.23 | 26.99 | 8.76  |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 6 | 7.76  | 11.97 | 10.60 | 9.97  | 9.88  | 11.97 | 13.07 |       |       | 0.18 | 19.37 | 28.24 | 8.87  |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5-BF                | 6 | 6.79  | 12.81 | 11.20 | 10.81 | 10.76 | 12.72 | 13.82 |       |       | 0.18 | 20.14 | 29.21 | 9.07  |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6-BF                | 6 | 6.00  | 13.08 | 11.48 | 11.06 | 11.06 | 13.00 | 14.09 |       |       | 0.18 | 20.41 | 30.00 | 9.59  |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 8 | 15.03 | 6.63  | 5.83  | 5.22  | 3.28  | 5.73  | 5.81  | 5.77  | 5.37  | 0.18 | 14.75 | 20.97 | 6.22  |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 8 | 12.02 | 8.85  | 7.84  | 7.59  | 5.91  | 8.10  | 8.15  | 8.09  | 7.52  | 0.18 | 17.03 | 23.98 | 6.95  |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 8 | 10.26 | 10.07 | 8.82  | 8.80  | 7.21  | 9.63  | 9.45  | 9.22  | 8.73  | 0.18 | 18.27 | 25.74 | 7.47  |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 8 | 9.01  | 10.09 | 8.88  | 8.83  | 7.24  | 9.69  | 9.42  | 9.18  | 8.85  | 0.18 | 18.30 | 26.99 | 8.69  |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5-BF                | 8 | 8.04  | 10.84 | 9.49  | 9.75  | 8.12  | 10.42 | 10.35 | 9.98  | 9.34  | 0.18 | 19.07 | 27.96 | 8.89  |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6-BF                | 8 | 7.25  | 11.09 | 9.64  | 9.94  | 8.39  | 10.68 | 10.54 | 10.20 | 9.60  | 0.18 | 19.29 | 28.75 | 9.46  |
| VHT/HE40, M0.7 to M9.7, M0.7 to M11.7-BF                | 8 | 6.58  | 11.12 | 9.78  | 10.06 | 8.49  | 10.84 | 10.65 | 10.31 | 9.73  | 0.18 | 19.40 | 29.42 | 10.02 |
| VHT/HE40, M0.8 to M9.8, M0.8 to M11.8-BF                | 8 | 6.00  | 11.95 | 10.86 | 11.23 | 9.84  | 12.00 | 11.75 | 11.45 | 10.91 | 0.18 | 20.51 | 30.00 | 9.49  |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC         | 2 | 6.00  | 14.84 | 13.56 |       |       |       |       |       |       | 0.18 | 17.44 | 30.00 | 12.56 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC         | 3 | 6.00  | 14.83 | 13.78 | 14.40 |       |       |       |       |       | 0.18 | 19.31 | 30.00 | 10.69 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC         | 4 | 6.00  | 14.21 | 12.78 | 13.22 | 11.85 |       |       |       |       | 0.18 | 19.30 | 30.00 | 10.70 |

|                                                 |   |      |       |       |       |       |       |       |       |       |      |       |       |      |
|-------------------------------------------------|---|------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC | 6 | 6.00 | 13.14 | 12.20 | 11.15 | 10.47 | 12.84 | 13.82 |       |       | 0.18 | 20.38 | 30.00 | 9.62 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC | 8 | 6.00 | 11.84 | 10.66 | 10.92 | 9.32  | 11.67 | 11.45 | 10.95 | 10.56 | 0.18 | 20.19 | 30.00 | 9.81 |

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) |
|------------------------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------|-----------------------|-----------------|-------------|
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 1        | 6.00                          | 15.86                |                      |                      |                      |                      |                      |                      |                      | 0.18      | 16.04                 | 30.00           | 13.96       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 2        | 6.00                          | 15.86                | 13.94                |                      |                      |                      |                      |                      |                      | 0.18      | 18.19                 | 30.00           | 11.81       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 2        | 6.00                          | 15.90                | 14.03                |                      |                      |                      |                      |                      |                      | 0.18      | 18.26                 | 30.00           | 11.74       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 3        | 6.00                          | 15.92                | 13.87                | 15.01                |                      |                      |                      |                      |                      | 0.18      | 19.96                 | 30.00           | 10.04       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 3        | 6.00                          | 16.16                | 14.06                | 15.28                |                      |                      |                      |                      |                      | 0.18      | 20.20                 | 30.00           | 9.80        |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 3        | 6.00                          | 15.98                | 14.02                | 15.10                |                      |                      |                      |                      |                      | 0.18      | 20.06                 | 30.00           | 9.94        |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 4        | 6.00                          | 15.99                | 14.14                | 15.24                | 15.24                |                      |                      |                      |                      | 0.18      | 21.40                 | 30.00           | 8.60        |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 4        | 6.00                          | 16.17                | 14.38                | 15.53                | 15.47                |                      |                      |                      |                      | 0.18      | 21.64                 | 30.00           | 8.36        |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 4        | 6.00                          | 16.22                | 14.51                | 15.70                | 15.59                |                      |                      |                      |                      | 0.18      | 21.75                 | 30.00           | 8.25        |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 4        | 6.00                          | 16.00                | 14.35                | 15.41                | 15.35                |                      |                      |                      |                      | 0.18      | 21.52                 | 30.00           | 8.48        |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 6        | 6.00                          | 14.61                | 13.63                | 13.06                | 13.94                | 14.68                | 13.90                |                      |                      | 0.18      | 21.97                 | 30.00           | 8.03        |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 6        | 6.00                          | 15.93                | 14.78                | 14.56                | 15.32                | 15.95                | 14.95                |                      |                      | 0.18      | 23.24                 | 30.00           | 6.76        |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 6        | 6.00                          | 16.00                | 14.89                | 14.69                | 15.45                | 16.04                | 15.04                |                      |                      | 0.18      | 23.34                 | 30.00           | 6.66        |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 6        | 6.00                          | 16.00                | 14.89                | 14.65                | 15.43                | 16.02                | 15.04                |                      |                      | 0.18      | 23.33                 | 30.00           | 6.67        |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5                | 6        | 6.00                          | 15.69                | 14.56                | 14.32                | 15.15                | 15.77                | 14.72                |                      |                      | 0.18      | 23.03                 | 30.00           | 6.97        |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6                | 6        | 6.00                          | 15.91                | 14.82                | 14.57                | 15.35                | 15.98                | 14.96                |                      |                      | 0.18      | 23.26                 | 30.00           | 6.74        |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 8        | 6.00                          | 13.23                | 11.26                | 12.38                | 12.43                | 12.98                | 12.49                | 12.32                | 11.86                | 0.18      | 21.62                 | 30.00           | 8.38        |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 8        | 6.00                          | 16.22                | 14.27                | 15.49                | 15.55                | 16.03                | 15.57                | 15.39                | 14.56                | 0.18      | 24.64                 | 30.00           | 5.36        |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 8        | 6.00                          | 16.34                | 14.38                | 15.64                | 15.69                | 16.10                | 15.70                | 15.55                | 14.69                | 0.18      | 24.76                 | 30.00           | 5.24        |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 8        | 6.00                          | 16.32                | 14.42                | 15.69                | 15.67                | 16.18                | 15.72                | 15.61                | 14.76                | 0.18      | 24.80                 | 30.00           | 5.20        |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5                | 8        | 6.00                          | 15.96                | 14.04                | 15.24                | 15.35                | 15.84                | 15.34                | 15.18                | 14.38                | 0.18      | 24.42                 | 30.00           | 5.58        |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6                | 8        | 6.00                          | 16.20                | 14.27                | 15.43                | 15.56                | 16.05                | 15.62                | 15.44                | 14.66                | 0.18      | 24.66                 | 30.00           | 5.34        |

|                                                         |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|---------------------------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| VHT/HE40, M0.7 to M9.7, M0.7 to M11.7                   | 8 | 6.00  | 16.27 | 14.40 | 15.63 | 15.70 | 16.15 | 15.74 | 15.56 | 14.63 | 0.18 | 24.76 | 30.00 | 5.24  |
| VHT/HE40, M0.8 to M9.8, M0.8 to M11.8                   | 8 | 6.00  | 16.15 | 14.36 | 15.73 | 15.71 | 16.14 | 15.73 | 15.65 | 14.58 | 0.18 | 24.76 | 30.00 | 5.24  |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 2 | 9.01  | 15.86 | 13.99 |       |       |       |       |       |       | 0.18 | 18.22 | 26.99 | 8.77  |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 2 | 6.00  | 15.88 | 14.04 |       |       |       |       |       |       | 0.18 | 18.25 | 30.00 | 11.75 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 3 | 10.77 | 15.85 | 14.04 | 15.57 |       |       |       |       |       | 0.18 | 20.18 | 25.23 | 5.05  |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 3 | 7.76  | 16.04 | 14.25 | 15.80 |       |       |       |       |       | 0.18 | 20.38 | 28.24 | 7.86  |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 3 | 6.00  | 15.85 | 14.18 | 15.65 |       |       |       |       |       | 0.18 | 20.24 | 30.00 | 9.76  |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 4 | 12.02 | 16.08 | 13.91 | 15.52 | 15.42 |       |       |       |       | 0.18 | 21.50 | 23.98 | 2.48  |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 4 | 9.01  | 16.35 | 14.09 | 15.69 | 15.60 |       |       |       |       | 0.18 | 21.71 | 26.99 | 5.28  |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 4 | 7.25  | 16.44 | 14.21 | 15.78 | 15.73 |       |       |       |       | 0.18 | 21.81 | 28.75 | 6.94  |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 4 | 6.00  | 16.16 | 13.97 | 15.54 | 15.46 |       |       |       |       | 0.18 | 21.55 | 30.00 | 8.45  |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 6 | 13.78 | 13.88 | 10.94 | 11.31 | 12.90 | 12.83 | 11.66 |       |       | 0.18 | 20.34 | 22.22 | 1.88  |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 6 | 10.77 | 16.88 | 13.86 | 14.43 | 16.04 | 15.93 | 14.85 |       |       | 0.18 | 23.42 | 25.23 | 1.81  |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 6 | 9.01  | 16.91 | 13.98 | 14.58 | 16.10 | 15.98 | 14.91 |       |       | 0.18 | 23.49 | 26.99 | 3.50  |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 6 | 7.76  | 16.92 | 13.99 | 14.57 | 16.14 | 16.00 | 14.95 |       |       | 0.18 | 23.51 | 28.24 | 4.73  |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5-BF                | 6 | 6.79  | 16.65 | 13.64 | 14.22 | 15.84 | 15.71 | 14.63 |       |       | 0.18 | 23.20 | 29.21 | 6.01  |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6-BF                | 6 | 6.00  | 16.86 | 13.93 | 14.50 | 16.06 | 15.92 | 14.86 |       |       | 0.18 | 23.43 | 30.00 | 6.57  |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 8 | 15.03 | 9.89  | 8.34  | 9.18  | 9.12  | 9.52  | 9.31  | 9.07  | 8.38  | 0.18 | 18.34 | 20.97 | 2.63  |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 8 | 12.02 | 13.55 | 11.35 | 12.67 | 12.67 | 13.02 | 12.74 | 12.56 | 12.03 | 0.18 | 21.83 | 23.98 | 2.15  |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 8 | 10.26 | 15.27 | 13.34 | 14.53 | 14.53 | 14.93 | 14.98 | 14.55 | 13.81 | 0.18 | 23.74 | 25.74 | 2.00  |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 8 | 9.01  | 16.38 | 14.28 | 15.68 | 15.69 | 16.11 | 15.82 | 15.47 | 14.72 | 0.18 | 24.78 | 26.99 | 2.21  |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5-BF                | 8 | 8.04  | 16.07 | 13.93 | 15.37 | 15.37 | 15.78 | 15.42 | 15.18 | 14.34 | 0.18 | 24.44 | 27.96 | 3.52  |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6-BF                | 8 | 7.25  | 16.33 | 14.19 | 15.71 | 15.56 | 15.93 | 15.63 | 15.35 | 14.58 | 0.18 | 24.67 | 28.75 | 4.08  |
| VHT/HE40, M0.7 to M9.7, M0.7 to M11.7-BF                | 8 | 6.58  | 16.37 | 14.27 | 15.75 | 15.74 | 16.13 | 15.82 | 15.46 | 14.59 | 0.18 | 24.78 | 29.42 | 4.64  |
| VHT/HE40, M0.8 to M9.8, M0.8 to M11.8-BF                | 8 | 6.00  | 16.24 | 14.22 | 15.77 | 15.78 | 16.10 | 15.91 | 15.53 | 14.61 | 0.18 | 24.78 | 30.00 | 5.22  |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC         | 2 | 6.00  | 15.90 | 14.09 |       |       |       |       |       |       | 0.18 | 18.28 | 30.00 | 11.72 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC         | 3 | 6.00  | 15.90 | 14.09 | 15.04 |       |       |       |       |       | 0.18 | 20.02 | 30.00 | 9.98  |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC         | 4 | 6.00  | 16.13 | 14.04 | 15.24 | 15.20 |       |       |       |       | 0.18 | 21.41 | 30.00 | 8.59  |

|                                                 |   |      |       |       |       |       |       |       |       |       |      |       |       |      |
|-------------------------------------------------|---|------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC | 6 | 6.00 | 16.65 | 14.67 | 16.44 | 15.05 | 15.75 | 16.14 |       |       | 0.18 | 23.80 | 30.00 | 6.20 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC | 8 | 6.00 | 16.11 | 13.94 | 15.29 | 15.32 | 15.87 | 15.44 | 15.13 | 14.31 | 0.18 | 24.44 | 30.00 | 5.56 |



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) |
|---------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------|-----------------------|-----------------|-------------|
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 1        | 6.00                          | 12.98                |                      |                      |                      |                      |                      |                      |                      | 0.22      | 13.20                 | 30.00           | 16.81       |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 2        | 6.00                          | 11.79                | 10.02                |                      |                      |                      |                      |                      |                      | 0.22      | 14.22                 | 30.00           | 15.78       |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 2        | 6.00                          | 11.80                | 10.01                |                      |                      |                      |                      |                      |                      | 0.22      | 14.22                 | 30.00           | 15.78       |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 3        | 6.00                          | 10.67                | 8.74                 | 10.24                |                      |                      |                      |                      |                      | 0.22      | 14.95                 | 30.00           | 15.05       |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 3        | 6.00                          | 10.80                | 8.84                 | 10.40                |                      |                      |                      |                      |                      | 0.22      | 15.08                 | 30.00           | 14.92       |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3 | 3        | 6.00                          | 10.86                | 9.01                 | 10.50                |                      |                      |                      |                      |                      | 0.22      | 15.19                 | 30.00           | 14.81       |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 4        | 6.00                          | 9.57                 | 8.13                 | 8.50                 | 8.65                 |                      |                      |                      |                      | 0.22      | 14.99                 | 30.00           | 15.01       |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 4        | 6.00                          | 9.68                 | 8.30                 | 8.60                 | 8.81                 |                      |                      |                      |                      | 0.22      | 15.12                 | 30.00           | 14.88       |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3 | 4        | 6.00                          | 9.88                 | 8.53                 | 8.93                 | 9.14                 |                      |                      |                      |                      | 0.22      | 15.39                 | 30.00           | 14.61       |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4 | 4        | 6.00                          | 9.77                 | 8.37                 | 8.71                 | 8.90                 |                      |                      |                      |                      | 0.22      | 15.21                 | 30.00           | 14.79       |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 6        | 6.00                          | 7.50                 | 6.53                 | 7.83                 | 5.88                 | 7.11                 | 7.43                 |                      |                      | 0.22      | 15.10                 | 30.00           | 14.90       |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 6        | 6.00                          | 7.60                 | 6.67                 | 7.90                 | 5.87                 | 7.14                 | 7.56                 |                      |                      | 0.22      | 15.18                 | 30.00           | 14.82       |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3 | 6        | 6.00                          | 7.78                 | 6.80                 | 8.13                 | 6.15                 | 7.37                 | 7.70                 |                      |                      | 0.22      | 15.37                 | 30.00           | 14.63       |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4 | 6        | 6.00                          | 7.72                 | 6.71                 | 8.07                 | 6.10                 | 7.29                 | 7.69                 |                      |                      | 0.22      | 15.31                 | 30.00           | 14.69       |
| VHT/HE80, M0.5 to M9.5, M0.5 to M11.5 | 6        | 6.00                          | 7.75                 | 6.80                 | 8.12                 | 6.20                 | 7.43                 | 7.75                 |                      |                      | 0.22      | 15.39                 | 30.00           | 14.61       |
| VHT/HE80, M0.6 to M9.6, M0.6 to M11.6 | 6        | 6.00                          | 7.68                 | 6.78                 | 7.98                 | 6.03                 | 7.27                 | 7.61                 |                      |                      | 0.22      | 15.27                 | 30.00           | 14.73       |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 8        | 6.00                          | 7.24                 | 6.45                 | 6.47                 | 6.46                 | 7.14                 | 6.81                 | 6.66                 | 5.85                 | 0.22      | 15.90                 | 30.00           | 14.10       |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 8        | 6.00                          | 7.31                 | 6.54                 | 6.57                 | 6.60                 | 7.30                 | 6.94                 | 6.76                 | 5.94                 | 0.22      | 16.02                 | 30.00           | 13.98       |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3 | 8        | 6.00                          | 6.47                 | 5.78                 | 5.82                 | 5.85                 | 6.59                 | 6.13                 | 5.94                 | 5.05                 | 0.22      | 15.23                 | 30.00           | 14.77       |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4 | 8        | 6.00                          | 6.43                 | 5.77                 | 5.86                 | 5.74                 | 6.48                 | 6.12                 | 6.01                 | 5.16                 | 0.22      | 15.22                 | 30.00           | 14.78       |
| VHT/HE80, M0.5 to M9.5, M0.5 to M11.5 | 8        | 6.00                          | 6.60                 | 5.81                 | 5.88                 | 5.81                 | 6.46                 | 6.09                 | 6.09                 | 5.09                 | 0.22      | 15.25                 | 30.00           | 14.75       |
| VHT/HE80, M0.6 to M9.6, M0.6 to M11.6 | 8        | 6.00                          | 6.54                 | 5.86                 | 5.93                 | 5.69                 | 6.54                 | 5.95                 | 6.10                 | 5.16                 | 0.22      | 15.24                 | 30.00           | 14.76       |

|                                          |   |       |       |       |      |      |      |      |      |      |      |       |       |       |
|------------------------------------------|---|-------|-------|-------|------|------|------|------|------|------|------|-------|-------|-------|
| VHT/HE80, M0.7 to M9.7, M0.7 to M11.7    | 8 | 6.00  | 6.60  | 5.83  | 5.82 | 5.73 | 6.46 | 6.15 | 6.05 | 5.23 | 0.22 | 15.25 | 30.00 | 14.75 |
| VHT/HE80, M0.8 to M9.8, M0.8 to M11.8    | 8 | 6.00  | 6.40  | 5.71  | 5.55 | 5.50 | 6.46 | 5.98 | 5.84 | 4.98 | 0.22 | 15.08 | 30.00 | 14.92 |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 2 | 9.01  | 8.36  | 7.39  |      |      |      |      |      |      | 0.22 | 11.13 | 26.99 | 15.86 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 2 | 6.00  | 11.81 | 9.92  |      |      |      |      |      |      | 0.22 | 14.20 | 30.00 | 15.80 |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 3 | 10.77 | 7.06  | 6.30  | 6.11 |      |      |      |      |      | 0.22 | 11.50 | 25.23 | 13.73 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 3 | 7.76  | 8.48  | 7.34  | 7.22 |      |      |      |      |      | 0.22 | 12.71 | 28.24 | 15.53 |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3-BF | 3 | 6.00  | 10.83 | 9.05  | 9.84 |      |      |      |      |      | 0.22 | 14.96 | 30.00 | 15.04 |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 4 | 12.02 | 5.01  | 4.78  | 4.34 | 4.23 |      |      |      |      | 0.22 | 10.84 | 23.98 | 13.14 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 4 | 9.01  | 7.30  | 6.82  | 6.68 | 6.74 |      |      |      |      | 0.22 | 13.13 | 26.99 | 13.86 |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3-BF | 4 | 7.25  | 7.43  | 7.12  | 6.92 | 6.96 |      |      |      |      | 0.22 | 13.35 | 28.75 | 15.40 |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4-BF | 4 | 6.00  | 9.80  | 8.65  | 9.07 | 9.09 |      |      |      |      | 0.22 | 15.41 | 30.00 | 14.59 |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 6 | 13.78 | 3.79  | 6.43  | 6.23 | 5.71 | 4.02 | 2.53 |      |      | 0.22 | 13.01 | 22.22 | 9.21  |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 6 | 10.77 | 4.78  | 5.10  | 3.54 | 3.99 | 5.22 | 4.17 |      |      | 0.22 | 12.51 | 25.23 | 12.72 |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3-BF | 6 | 9.01  | 5.05  | 5.25  | 3.87 | 4.31 | 5.33 | 4.26 |      |      | 0.22 | 12.71 | 26.99 | 14.28 |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4-BF | 6 | 7.76  | 6.21  | 6.25  | 4.94 | 5.49 | 6.30 | 5.32 |      |      | 0.22 | 13.79 | 28.24 | 14.45 |
| VHT/HE80, M0.5 to M9.5, M0.5 to M11.5-BF | 6 | 6.79  | 7.24  | 7.28  | 6.13 | 6.70 | 7.36 | 6.44 |      |      | 0.22 | 14.88 | 29.21 | 14.33 |
| VHT/HE80, M0.6 to M9.6, M0.6 to M11.6-BF | 6 | 6.00  | 7.03  | 7.13  | 6.01 | 6.67 | 7.34 | 6.38 |      |      | 0.22 | 14.78 | 30.00 | 15.22 |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 8 | 15.03 | 2.02  | 2.86  | 2.06 | 2.01 | 2.13 | 1.65 | 2.05 | 2.13 | 0.22 | 11.38 | 20.97 | 9.59  |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 8 | 12.02 | 3.85  | 4.73  | 4.25 | 4.12 | 4.35 | 3.40 | 3.35 | 4.21 | 0.22 | 13.31 | 23.98 | 10.67 |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3-BF | 8 | 10.26 | 3.99  | 5.15  | 4.67 | 4.76 | 4.60 | 3.83 | 3.81 | 4.94 | 0.22 | 13.75 | 25.74 | 11.99 |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4-BF | 8 | 9.01  | 4.08  | 5.42  | 4.97 | 4.80 | 4.48 | 3.76 | 3.93 | 5.01 | 0.22 | 13.84 | 26.99 | 13.15 |
| VHT/HE80, M0.5 to M9.5, M0.5 to M11.5-BF | 8 | 8.04  | 6.41  | 6.01  | 5.89 | 5.87 | 6.50 | 6.31 | 6.02 | 5.15 | 0.22 | 15.29 | 27.96 | 12.67 |
| VHT/HE80, M0.6 to M9.6, M0.6 to M11.6-BF | 8 | 7.25  | 6.49  | 5.92  | 5.90 | 5.67 | 6.60 | 6.17 | 6.01 | 5.12 | 0.22 | 15.26 | 28.75 | 13.49 |
| VHT/HE80, M0.7 to M9.7, M0.7 to M11.7-BF | 8 | 6.58  | 6.54  | 5.93  | 5.88 | 5.81 | 6.46 | 6.22 | 5.93 | 5.20 | 0.22 | 15.26 | 29.42 | 14.16 |
| VHT/HE80, M0.8 to M9.8, M0.8 to M11.8-BF | 8 | 6.00  | 6.33  | 5.96  | 5.68 | 5.66 | 6.48 | 6.14 | 5.74 | 4.94 | 0.22 | 15.14 | 30.00 | 14.86 |
| VHT/HE80, M0 to M9, M0 to M11-STBC       | 2 | 6.00  | 11.71 | 10.04 |      |      |      |      |      |      | 0.22 | 14.19 | 30.00 | 15.81 |
| VHT/HE80, M0 to M9, M0 to M11-STBC       | 3 | 6.00  | 10.66 | 8.96  | 9.61 |      |      |      |      |      | 0.22 | 14.79 | 30.00 | 15.21 |
| VHT/HE80, M0 to M9, M0 to M11-STBC       | 4 | 6.00  | 9.58  | 8.39  | 8.67 | 8.82 |      |      |      |      | 0.22 | 15.13 | 30.00 | 14.87 |

|                                    |   |      |      |      |      |      |      |      |      |      |      |       |       |       |
|------------------------------------|---|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| VHT/HE80, M0 to M9, M0 to M11-STBC | 6 | 6.00 | 8.11 | 7.92 | 8.79 | 8.20 | 8.16 | 7.20 |      |      | 0.22 | 16.09 | 30.00 | 13.91 |
| VHT/HE80, M0 to M9, M0 to M11-STBC | 8 | 6.00 | 6.46 | 6.50 | 6.56 | 6.48 | 7.14 | 6.87 | 6.54 | 5.91 | 0.22 | 15.82 | 30.00 | 14.18 |

**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                          | 4.35               |                    |                    |                    |                    |                    |                    |                    | 0.44        | 4.79                | 17.00               | 12.21       |
| non HT20, 6 to 54 Mbps                               | 2        | 9.01                          | 3.54               | 4.06               |                    |                    |                    |                    |                    |                    | 0.44        | 7.26                | 13.99               | 6.73        |
| non HT20, 6 to 54 Mbps                               | 3        | 10.77                         | 3.30               | 4.04               | 4.33               |                    |                    |                    |                    |                    | 0.44        | 9.12                | 12.23               | 3.11        |
| non HT20, 6 to 54 Mbps                               | 4        | 12.02                         | 2.49               | 3.18               | 3.44               | 2.40               |                    |                    |                    |                    | 0.44        | 9.36                | 10.98               | 1.62        |
| non HT20, 6 to 54 Mbps                               | 6        | 13.78                         | 1.14               | 0.37               | -0.78              | 0.23               | 0.22               | -0.17              |                    |                    | 0.44        | 8.62                | 9.22                | 0.79        |
| <b>non HT20, 6 to 54 Mbps</b>                        | <b>8</b> | <b>15.03</b>                  | <b>-1.99</b>       | <b>-2.27</b>       | <b>-2.24</b>       | <b>-2.12</b>       | <b>-2.40</b>       | <b>-2.18</b>       | <b>-1.95</b>       | <b>-2.39</b>       | <b>0.44</b> | <b>7.28</b>         | <b>7.97</b>         | <b>0.69</b> |
| non HT20, 6 to 54 Mbps-BF                            | 2        | 9.01                          | 2.66               | 0.99               |                    |                    |                    |                    |                    |                    | 0.44        | 5.36                | 13.99               | 8.63        |
| non HT20, 6 to 54 Mbps-BF                            | 3        | 10.77                         | 2.05               | -0.01              | 1.19               |                    |                    |                    |                    |                    | 0.44        | 6.37                | 12.23               | 5.86        |
| non HT20, 6 to 54 Mbps-BF                            | 4        | 12.02                         | 2.36               | -0.30              | 1.25               | 1.23               |                    |                    |                    |                    | 0.44        | 7.70                | 10.98               | 3.28        |
| non HT20, 6 to 54 Mbps-BF                            | 6        | 13.78                         | -2.33              | -4.75              | -3.01              | -3.77              | -2.95              | -3.80              |                    |                    | 0.44        | 4.85                | 9.22                | 4.37        |
| non HT20, 6 to 54 Mbps-BF                            | 8        | 15.03                         | -6.14              | -6.96              | -6.04              | -7.17              | -5.81              | -6.29              | -6.64              | -6.83              | 0.44        | 3.01                | 7.97                | 4.96        |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 1        | 6.00                          | 4.15               |                    |                    |                    |                    |                    |                    |                    | 0.44        | 4.59                | 17.00               | 12.41       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 2        | 9.01                          | 4.63               | 2.13               |                    |                    |                    |                    |                    |                    | 0.44        | 7.01                | 13.99               | 6.98        |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 2        | 6.00                          | 4.15               | 2.26               |                    |                    |                    |                    |                    |                    | 0.44        | 6.76                | 17.00               | 10.24       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 3        | 10.77                         | 4.54               | 1.91               | 2.97               |                    |                    |                    |                    |                    | 0.44        | 8.49                | 12.23               | 3.74        |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 3        | 7.76                          | 4.27               | 2.01               | 2.97               |                    |                    |                    |                    |                    | 0.44        | 8.39                | 15.24               | 6.85        |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 3        | 6.00                          | 3.26               | 1.53               | 1.90               |                    |                    |                    |                    |                    | 0.44        | 7.51                | 17.00               | 9.49        |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 4        | 12.02                         | 2.98               | 1.17               | 2.30               | 2.78               |                    |                    |                    |                    | 0.44        | 8.82                | 10.98               | 2.16        |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 4        | 9.01                          | 3.35               | 1.65               | 2.03               | 2.59               |                    |                    |                    |                    | 0.44        | 8.91                | 13.99               | 5.08        |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 4        | 7.25                          | 2.01               | 0.82               | 1.26               | 2.19               |                    |                    |                    |                    | 0.44        | 8.07                | 15.75               | 7.68        |

|                                                         |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|---------------------------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4    | 4 | 6.00  | 2.06  | 0.91  | 1.21  | 2.12  |       |       |       |       | 0.44 | 8.07  | 17.00 | 8.93  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1      | 6 | 13.78 | 0.76  | -1.56 | -1.79 | -0.06 | 0.02  | 0.15  |       |       | 0.44 | 7.90  | 9.22  | 1.32  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2     | 6 | 10.77 | 3.62  | 1.43  | 1.09  | 2.82  | 3.07  | 3.14  |       |       | 0.44 | 10.85 | 12.23 | 1.38  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3    | 6 | 9.01  | 2.45  | 0.96  | 0.17  | 2.13  | 2.13  | 2.23  |       |       | 0.44 | 9.97  | 13.99 | 4.02  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4    | 6 | 7.76  | 2.69  | 0.98  | 0.38  | 2.10  | 1.94  | 2.34  |       |       | 0.44 | 10.03 | 15.24 | 5.21  |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                   | 6 | 6.79  | 3.71  | 1.61  | 1.01  | 2.86  | 3.06  | 3.07  |       |       | 0.44 | 10.87 | 16.21 | 5.34  |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                   | 6 | 6.00  | 3.81  | 1.48  | 0.97  | 2.77  | 2.85  | 3.08  |       |       | 0.44 | 10.82 | 17.00 | 6.18  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1      | 8 | 15.03 | -1.82 | -4.13 | -2.94 | -2.49 | -1.86 | -1.70 | -1.67 | -2.84 | 0.44 | 7.11  | 7.97  | 0.86  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2     | 8 | 12.02 | 0.12  | -0.39 | 0.12  | 0.77  | 1.38  | 1.64  | 1.50  | 0.52  | 0.44 | 10.23 | 10.98 | 0.75  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3    | 8 | 10.26 | 0.83  | -1.73 | -0.50 | -0.38 | 0.34  | 0.33  | 2.72  | -0.77 | 0.44 | 9.76  | 12.74 | 2.98  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4    | 8 | 9.01  | 0.87  | -1.92 | -0.70 | -0.16 | 0.30  | 0.03  | 0.35  | -0.71 | 0.44 | 9.30  | 13.99 | 4.69  |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                   | 8 | 8.04  | 2.60  | 0.66  | 1.16  | 2.07  | 2.16  | 2.63  | 0.76  | 1.78  | 0.44 | 11.26 | 14.96 | 3.70  |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                   | 8 | 7.25  | 2.58  | 0.92  | 1.28  | 2.11  | 2.22  | 2.32  | 2.17  | 1.54  | 0.44 | 11.40 | 15.75 | 4.35  |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7                   | 8 | 6.58  | 2.13  | -0.68 | 0.57  | 1.13  | 1.41  | 1.39  | 1.84  | 0.42  | 0.44 | 10.57 | 16.42 | 5.85  |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8                   | 8 | 6.00  | 2.01  | -0.59 | 0.45  | 0.88  | 1.54  | 1.13  | 1.29  | 0.68  | 0.44 | 10.45 | 17.00 | 6.55  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 2 | 9.01  | 4.61  | 2.19  |       |       |       |       |       |       | 0.44 | 7.02  | 13.99 | 6.97  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 2 | 6.00  | 4.32  | 2.12  |       |       |       |       |       |       | 0.44 | 6.81  | 17.00 | 10.19 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 3 | 10.77 | 3.34  | 2.16  | 1.95  |       |       |       |       |       | 0.44 | 7.74  | 12.23 | 4.49  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 3 | 7.76  | 3.12  | 1.88  | 1.96  |       |       |       |       |       | 0.44 | 7.57  | 15.24 | 7.67  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 3 | 6.00  | 2.10  | 1.07  | 1.03  |       |       |       |       |       | 0.44 | 6.64  | 17.00 | 10.36 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 4 | 12.02 | 2.38  | 0.92  | 1.42  | 2.09  |       |       |       |       | 0.44 | 8.20  | 10.98 | 2.78  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 4 | 9.01  | 3.33  | 1.70  | 2.07  | 2.66  |       |       |       |       | 0.44 | 8.94  | 13.99 | 5.05  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 4 | 7.25  | 1.69  | -0.50 | 0.18  | 0.97  |       |       |       |       | 0.44 | 7.12  | 15.75 | 8.63  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 4 | 6.00  | 1.98  | 0.67  | 0.95  | 2.09  |       |       |       |       | 0.44 | 7.93  | 17.00 | 9.07  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 6 | 13.78 | -0.91 | -2.83 | -1.63 | -0.38 | -0.08 | 0.30  |       |       | 0.44 | 7.42  | 9.22  | 1.80  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 6 | 10.77 | 2.27  | -0.30 | 0.21  | 2.01  | 1.88  | 2.27  |       |       | 0.44 | 9.73  | 12.23 | 2.50  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 6 | 9.01  | 0.85  | -2.69 | -1.47 | -0.28 | 0.13  | 0.35  |       |       | 0.44 | 7.86  | 13.99 | 6.13  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 6 | 7.76  | 1.69  | -1.61 | -0.79 | 0.86  | 1.22  | 1.56  |       |       | 0.44 | 8.88  | 15.24 | 6.36  |

|                                                         |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|---------------------------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                | 6 | 6.79  | 3.37  | 0.27  | 0.89  | 2.55  | 2.94  | 3.11  |       |       | 0.44 | 10.56 | 16.21 | 5.65  |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                | 6 | 6.00  | 3.29  | 0.37  | 0.89  | 2.66  | 3.14  | 2.87  |       |       | 0.44 | 10.56 | 17.00 | 6.44  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 8 | 15.03 | -2.45 | -4.92 | -4.63 | -3.65 | -2.63 | -2.88 | -2.82 | -3.95 | 0.44 | 6.07  | 7.97  | 1.90  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 8 | 12.02 | 0.91  | -1.49 | -1.32 | -0.26 | 0.50  | 0.54  | 0.58  | -0.63 | 0.44 | 9.41  | 10.98 | 1.57  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 8 | 10.26 | -0.23 | -2.45 | -2.29 | -1.27 | -1.24 | -0.56 | -0.62 | -1.78 | 0.44 | 8.23  | 12.74 | 4.51  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 8 | 9.01  | 0.66  | -1.77 | -1.47 | -0.11 | -0.13 | 0.33  | 0.29  | -0.59 | 0.44 | 9.20  | 13.99 | 4.79  |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                | 8 | 8.04  | 2.18  | -0.80 | -0.02 | 0.82  | 1.24  | 2.18  | 0.19  | 0.71  | 0.44 | 10.39 | 14.96 | 4.57  |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                | 8 | 7.25  | 2.51  | 0.70  | 0.52  | 2.10  | 2.41  | 2.58  | 1.45  | 1.36  | 0.44 | 11.24 | 15.75 | 4.51  |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7-BF                | 8 | 6.58  | 1.96  | -0.53 | -0.20 | 1.08  | 1.12  | 1.67  | 1.72  | 0.68  | 0.44 | 10.49 | 16.42 | 5.93  |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8-BF                | 8 | 6.00  | 1.98  | -0.56 | -0.27 | 1.17  | 1.31  | 1.53  | 1.17  | 0.42  | 0.44 | 10.39 | 17.00 | 6.61  |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 2 | 6.00  | 4.50  | 2.00  |       |       |       |       |       |       | 0.44 | 6.88  | 17.00 | 10.12 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 3 | 6.00  | 4.60  | 2.51  | 3.29  |       |       |       |       |       | 0.44 | 8.76  | 17.00 | 8.24  |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 4 | 6.00  | 3.59  | 1.53  | 2.51  | 2.62  |       |       |       |       | 0.44 | 9.08  | 17.00 | 7.92  |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 6 | 6.00  | 3.47  | 1.11  | 1.06  | 2.72  | 3.01  | 3.15  |       |       | 0.44 | 10.74 | 17.00 | 6.26  |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 8 | 6.00  | 1.82  | -0.08 | 1.65  | 1.03  | 1.70  | 1.82  | 1.66  | 0.71  | 0.44 | 10.80 | 17.00 | 6.20  |

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                          | 4.30               |                    |                    |                    |                    |                    |                    |                    | 0.44      | 4.74                | 17.00               | 12.26       |
| non HT20, 6 to 54 Mbps                               | 2        | 9.01                          | 4.70               | 2.77               |                    |                    |                    |                    |                    |                    | 0.44      | 7.29                | 13.99               | 6.70        |
| non HT20, 6 to 54 Mbps                               | 3        | 10.77                         | 4.63               | 2.97               | 3.68               |                    |                    |                    |                    |                    | 0.44      | 9.02                | 12.23               | 3.21        |
| non HT20, 6 to 54 Mbps                               | 4        | 12.02                         | 4.21               | 2.34               | 3.36               | 4.15               |                    |                    |                    |                    | 0.44      | 10.04               | 10.98               | 0.94        |
| non HT20, 6 to 54 Mbps                               | 6        | 13.78                         | 0.62               | -0.42              | 0.34               | 0.52               | 0.62               | 0.06               |                    |                    | 0.44      | 8.53                | 9.22                | 0.69        |
| non HT20, 6 to 54 Mbps                               | 8        | 15.03                         | -1.85              | -3.73              | -3.45              | -1.96              | -1.58              | -1.43              | -2.56              | -2.53              | 0.44      | 7.15                | 7.97                | 0.82        |
| non HT20, 6 to 54 Mbps-BF                            | 2        | 9.01                          | 4.56               | 2.56               |                    |                    |                    |                    |                    |                    | 0.44      | 7.12                | 13.99               | 6.87        |
| non HT20, 6 to 54 Mbps-BF                            | 3        | 10.77                         | 4.94               | 2.93               | 3.09               |                    |                    |                    |                    |                    | 0.44      | 8.96                | 12.23               | 3.27        |
| non HT20, 6 to 54 Mbps-BF                            | 4        | 12.02                         | 4.31               | 2.81               | 3.80               | 3.91               |                    |                    |                    |                    | 0.44      | 10.20               | 10.98               | 0.78        |
| non HT20, 6 to 54 Mbps-BF                            | 6        | 13.78                         | 0.03               | -1.58              | 0.01               | 0.22               | 0.32               | 0.59               |                    |                    | 0.44      | 8.21                | 9.22                | 1.01        |
| non HT20, 6 to 54 Mbps-BF                            | 8        | 15.03                         | -1.82              | -3.80              | -2.97              | -1.91              | -1.29              | -1.85              | -1.91              | -2.60              | 0.44      | 7.26                | 7.97                | 0.71        |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 1        | 6.00                          | 4.05               |                    |                    |                    |                    |                    |                    |                    | 0.44      | 4.49                | 17.00               | 12.51       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 2        | 9.01                          | 4.45               | 2.23               |                    |                    |                    |                    |                    |                    | 0.44      | 6.93                | 13.99               | 7.06        |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 2        | 6.00                          | 3.92               | 2.17               |                    |                    |                    |                    |                    |                    | 0.44      | 6.58                | 17.00               | 10.42       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 3        | 10.77                         | 4.65               | 1.85               | 3.15               |                    |                    |                    |                    |                    | 0.44      | 8.58                | 12.23               | 3.65        |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 3        | 7.76                          | 4.16               | 1.74               | 3.14               |                    |                    |                    |                    |                    | 0.44      | 8.34                | 15.24               | 6.90        |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 3        | 6.00                          | 4.22               | 1.92               | 3.42               |                    |                    |                    |                    |                    | 0.44      | 8.50                | 17.00               | 8.50        |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 4        | 12.02                         | 4.04               | 2.37               | 3.72               | 3.75               |                    |                    |                    |                    | 0.44      | 9.97                | 10.98               | 1.01        |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 4        | 9.01                          | 4.50               | 2.15               | 3.55               | 3.64               |                    |                    |                    |                    | 0.44      | 10.00               | 13.99               | 3.99        |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 4        | 7.25                          | 4.50               | 2.07               | 3.11               | 3.56               |                    |                    |                    |                    | 0.44      | 9.86                | 15.75               | 5.89        |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4 | 4        | 6.00                          | 4.36               | 1.98               | 3.23               | 3.60               |                    |                    |                    |                    | 0.44      | 9.84                | 17.00               | 7.16        |

|                                                         |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|---------------------------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1      | 6 | 13.78 | -0.13 | -1.93 | -2.23 | -0.38 | -0.22 | -0.88 |       |       | 0.44 | 7.34  | 9.22  | 1.88  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2     | 6 | 10.77 | 2.97  | 1.18  | 0.74  | 2.24  | 2.83  | 1.77  |       |       | 0.44 | 10.25 | 12.23 | 1.98  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3    | 6 | 9.01  | 4.64  | 2.01  | 2.17  | 3.69  | 3.87  | 3.05  |       |       | 0.44 | 11.56 | 13.99 | 2.43  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4    | 6 | 7.76  | 4.83  | 1.87  | 1.94  | 3.27  | 3.80  | 3.20  |       |       | 0.44 | 11.50 | 15.24 | 3.74  |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                   | 6 | 6.79  | 4.85  | 2.12  | 2.09  | 3.30  | 3.74  | 3.02  |       |       | 0.44 | 11.52 | 16.21 | 4.69  |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                   | 6 | 6.00  | 4.64  | 2.06  | 2.10  | 3.59  | 3.51  | 3.01  |       |       | 0.44 | 11.47 | 17.00 | 5.53  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1      | 8 | 15.03 | -2.36 | -3.82 | -3.44 | -3.05 | -1.64 | -1.66 | -2.84 | -2.99 | 0.44 | 6.81  | 7.97  | 1.16  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2     | 8 | 12.02 | 0.78  | -0.64 | -0.47 | 0.27  | 1.41  | 1.60  | 1.00  | 0.22  | 0.44 | 10.06 | 10.98 | 0.92  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3    | 8 | 10.26 | 3.03  | 1.17  | 1.52  | 2.20  | 2.87  | 3.59  | 2.30  | 2.26  | 0.44 | 11.90 | 12.74 | 0.84  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4    | 8 | 9.01  | 4.28  | 1.85  | 2.47  | 3.33  | 3.57  | 4.21  | 3.52  | 3.04  | 0.44 | 12.82 | 13.99 | 1.17  |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                   | 8 | 8.04  | 3.98  | 2.19  | 2.99  | 3.32  | 4.17  | 4.30  | 3.69  | 3.22  | 0.44 | 13.00 | 14.96 | 1.96  |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                   | 8 | 7.25  | 4.44  | 1.98  | 2.67  | 3.25  | 4.05  | 4.28  | 4.00  | 2.88  | 0.44 | 12.99 | 15.75 | 2.76  |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7                   | 8 | 6.58  | 4.39  | 1.81  | 2.46  | 3.11  | 3.79  | 4.28  | 3.45  | 2.90  | 0.44 | 12.82 | 16.42 | 3.60  |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8                   | 8 | 6.00  | 4.09  | 1.86  | 2.44  | 3.21  | 3.82  | 4.14  | 3.56  | 2.99  | 0.44 | 12.80 | 17.00 | 4.20  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 2 | 9.01  | 4.26  | 2.27  |       |       |       |       |       |       | 0.44 | 6.83  | 13.99 | 7.16  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 2 | 6.00  | 3.85  | 2.17  |       |       |       |       |       |       | 0.44 | 6.54  | 17.00 | 10.46 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 3 | 10.77 | 4.55  | 2.90  | 3.22  |       |       |       |       |       | 0.44 | 8.83  | 12.23 | 3.40  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 3 | 7.76  | 4.36  | 2.60  | 3.05  |       |       |       |       |       | 0.44 | 8.61  | 15.24 | 6.63  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 3 | 6.00  | 4.13  | 2.40  | 2.97  |       |       |       |       |       | 0.44 | 8.44  | 17.00 | 8.56  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 4 | 12.02 | 4.14  | 2.11  | 3.06  | 3.50  |       |       |       |       | 0.44 | 9.73  | 10.98 | 1.25  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 4 | 9.01  | 4.38  | 2.21  | 3.23  | 3.38  |       |       |       |       | 0.44 | 9.83  | 13.99 | 4.16  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 4 | 7.25  | 4.41  | 2.13  | 2.78  | 3.63  |       |       |       |       | 0.44 | 9.78  | 15.75 | 5.97  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 4 | 6.00  | 4.25  | 2.15  | 3.02  | 3.48  |       |       |       |       | 0.44 | 9.75  | 17.00 | 7.25  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 6 | 13.78 | -0.20 | -2.25 | -1.27 | -1.08 | -0.32 | -0.78 |       |       | 0.44 | 7.29  | 9.22  | 1.93  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 6 | 10.77 | 2.56  | 0.94  | 1.30  | 1.91  | 2.96  | 1.92  |       |       | 0.44 | 10.21 | 12.23 | 2.02  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 6 | 9.01  | 3.97  | 1.73  | 2.84  | 2.90  | 3.71  | 2.98  |       |       | 0.44 | 11.30 | 13.99 | 2.69  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 6 | 7.76  | 3.79  | 1.65  | 2.55  | 2.92  | 3.61  | 3.08  |       |       | 0.44 | 11.21 | 15.24 | 4.03  |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                | 6 | 6.79  | 3.89  | 1.72  | 2.60  | 2.96  | 3.68  | 3.16  |       |       | 0.44 | 11.28 | 16.21 | 4.93  |



|                                                         |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|---------------------------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                | 6 | 6.00  | 3.93  | 1.64  | 2.88  | 3.05  | 3.76  | 3.02  |       |       | 0.44 | 11.33 | 17.00 | 5.67  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 8 | 15.03 | -1.92 | -3.97 | -1.84 | -2.91 | -1.95 | -1.73 | -2.55 | -2.91 | 0.44 | 7.06  | 7.97  | 0.91  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 8 | 12.02 | 1.18  | -0.69 | 1.49  | 0.37  | 1.49  | 0.81  | 0.91  | 0.24  | 0.44 | 10.25 | 10.98 | 0.73  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 8 | 10.26 | 3.13  | 0.96  | 2.90  | 2.25  | 3.15  | 2.23  | 2.54  | 2.36  | 0.44 | 11.96 | 12.74 | 0.78  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 8 | 9.01  | 4.31  | 1.75  | 3.81  | 3.38  | 4.00  | 4.09  | 3.69  | 2.92  | 0.44 | 13.03 | 13.99 | 0.96  |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                | 8 | 8.04  | 3.73  | 2.21  | 4.25  | 3.27  | 4.19  | 4.38  | 3.64  | 3.50  | 0.44 | 13.16 | 14.96 | 1.80  |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                | 8 | 7.25  | 4.55  | 2.09  | 4.27  | 3.21  | 3.98  | 4.34  | 3.30  | 3.29  | 0.44 | 13.16 | 15.75 | 2.59  |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7-BF                | 8 | 6.58  | 4.59  | 1.85  | 4.03  | 3.28  | 4.13  | 3.44  | 3.13  | 3.24  | 0.44 | 13.00 | 16.42 | 3.42  |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8-BF                | 8 | 6.00  | 4.51  | 2.10  | 3.86  | 3.24  | 3.99  | 3.52  | 3.28  | 2.92  | 0.44 | 12.95 | 17.00 | 4.05  |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 2 | 6.00  | 4.48  | 2.25  |       |       |       |       |       |       | 0.44 | 6.96  | 17.00 | 10.04 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 3 | 6.00  | 4.35  | 2.77  | 3.38  |       |       |       |       |       | 0.44 | 8.76  | 17.00 | 8.24  |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 4 | 6.00  | 4.42  | 2.13  | 2.94  | 3.66  |       |       |       |       | 0.44 | 9.83  | 17.00 | 7.17  |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 6 | 6.00  | 3.42  | 1.22  | 3.80  | 2.82  | 3.02  | 2.29  |       |       | 0.44 | 11.06 | 17.00 | 5.94  |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 8 | 6.00  | 1.83  | 0.04  | 1.07  | 1.52  | 1.53  | 0.67  | 0.26  | 0.42  | 0.44 | 10.43 | 17.00 | 6.57  |

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                          | 4.19               |                    |                    |                    |                    |                    |                    |                    | 0.44      | 4.63                | 17.00               | 12.37       |
| non HT20, 6 to 54 Mbps                               | 2        | 9.01                          | 4.43               | 2.50               |                    |                    |                    |                    |                    |                    | 0.44      | 7.02                | 13.99               | 6.97        |
| non HT20, 6 to 54 Mbps                               | 3        | 10.77                         | 4.42               | 2.79               | 3.35               |                    |                    |                    |                    |                    | 0.44      | 8.78                | 12.23               | 3.45        |
| non HT20, 6 to 54 Mbps                               | 4        | 12.02                         | 3.99               | 2.96               | 4.03               | 3.75               |                    |                    |                    |                    | 0.44      | 10.16               | 10.98               | 0.82        |
| non HT20, 6 to 54 Mbps                               | 6        | 13.78                         | 0.25               | -1.23              | 1.24               | 0.10               | 0.34               | -1.79              |                    |                    | 0.44      | 8.16                | 9.22                | 1.06        |
| non HT20, 6 to 54 Mbps                               | 8        | 15.03                         | -1.91              | -3.53              | -2.65              | -2.90              | -1.86              | -1.88              | -1.91              | -3.31              | 0.44      | 7.02                | 7.97                | 0.95        |
| non HT20, 6 to 54 Mbps-BF                            | 2        | 9.01                          | 4.41               | 2.59               |                    |                    |                    |                    |                    |                    | 0.44      | 7.04                | 13.99               | 6.95        |
| non HT20, 6 to 54 Mbps-BF                            | 3        | 10.77                         | 4.67               | 3.06               | 3.94               |                    |                    |                    |                    |                    | 0.44      | 9.15                | 12.23               | 3.08        |
| non HT20, 6 to 54 Mbps-BF                            | 4        | 12.02                         | 4.00               | 2.88               | 3.93               | 3.66               |                    |                    |                    |                    | 0.44      | 10.10               | 10.98               | 0.88        |
| non HT20, 6 to 54 Mbps-BF                            | 6        | 13.78                         | 0.35               | -1.39              | -0.56              | 0.18               | 0.17               | 0.32               |                    |                    | 0.44      | 8.11                | 9.22                | 1.11        |
| non HT20, 6 to 54 Mbps-BF                            | 8        | 15.03                         | -1.81              | -3.26              | -2.80              | -3.10              | -1.47              | -2.54              | -1.94              | -3.17              | 0.44      | 7.01                | 7.97                | 0.96        |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 1        | 6.00                          | 3.89               |                    |                    |                    |                    |                    |                    |                    | 0.44      | 4.33                | 17.00               | 12.67       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 2        | 9.01                          | 4.13               | 2.06               |                    |                    |                    |                    |                    |                    | 0.44      | 6.67                | 13.99               | 7.32        |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 2        | 6.00                          | 3.88               | 2.09               |                    |                    |                    |                    |                    |                    | 0.44      | 6.53                | 17.00               | 10.47       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 3        | 10.77                         | 3.85               | 2.82               | 3.50               |                    |                    |                    |                    |                    | 0.44      | 8.62                | 12.23               | 3.61        |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 3        | 7.76                          | 3.94               | 2.33               | 3.26               |                    |                    |                    |                    |                    | 0.44      | 8.44                | 15.24               | 6.80        |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 3        | 6.00                          | 3.86               | 2.13               | 3.10               |                    |                    |                    |                    |                    | 0.44      | 8.30                | 17.00               | 8.70        |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 4        | 12.02                         | 3.95               | 2.64               | 3.56               | 3.41               |                    |                    |                    |                    | 0.44      | 9.88                | 10.98               | 1.10        |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 4        | 9.01                          | 4.42               | 2.20               | 3.54               | 3.39               |                    |                    |                    |                    | 0.44      | 9.92                | 13.99               | 4.07        |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 4        | 7.25                          | 3.93               | 2.51               | 3.14               | 3.50               |                    |                    |                    |                    | 0.44      | 9.76                | 15.75               | 5.99        |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4 | 4        | 6.00                          | 4.33               | 2.35               | 3.22               | 3.54               |                    |                    |                    |                    | 0.44      | 9.88                | 17.00               | 7.12        |

|                                                         |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|---------------------------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1      | 6 | 13.78 | 0.31  | -2.64 | 0.50  | -1.07 | -0.12 | -2.09 |       |       | 0.44 | 7.53  | 9.22  | 1.69  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2     | 6 | 10.77 | 2.81  | -0.07 | 3.36  | 1.72  | 2.84  | 0.99  |       |       | 0.44 | 10.32 | 12.23 | 1.91  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3    | 6 | 9.01  | 4.36  | 0.98  | 4.41  | 3.19  | 3.87  | 1.99  |       |       | 0.44 | 11.53 | 13.99 | 2.46  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4    | 6 | 7.76  | 4.45  | 0.86  | 4.42  | 3.21  | 3.83  | 2.16  |       |       | 0.44 | 11.55 | 15.24 | 3.69  |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                   | 6 | 6.79  | 4.81  | 0.78  | 4.23  | 3.18  | 3.72  | 2.07  |       |       | 0.44 | 11.55 | 16.21 | 4.66  |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                   | 6 | 6.00  | 4.49  | 0.90  | 4.36  | 3.15  | 3.87  | 1.93  |       |       | 0.44 | 11.52 | 17.00 | 5.48  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1      | 8 | 15.03 | -2.26 | -3.71 | -1.51 | -2.32 | -1.91 | -2.27 | -2.31 | -3.84 | 0.44 | 7.02  | 7.97  | 0.95  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2     | 8 | 12.02 | -0.28 | -0.75 | 1.81  | 1.03  | 1.53  | 1.10  | 0.71  | 0.09  | 0.44 | 10.20 | 10.98 | 0.78  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3    | 8 | 10.26 | 2.89  | 1.72  | 3.45  | 2.64  | 3.15  | 2.24  | 2.12  | 1.71  | 0.44 | 12.13 | 12.74 | 0.74  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4    | 8 | 9.01  | 3.91  | 2.67  | 4.15  | 3.92  | 3.82  | 3.08  | 4.11  | 2.74  | 0.44 | 13.06 | 13.99 | 0.93  |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                   | 8 | 8.04  | 3.58  | 2.35  | 4.61  | 3.95  | 4.20  | 3.72  | 4.11  | 2.43  | 0.44 | 13.15 | 14.96 | 1.81  |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                   | 8 | 7.25  | 3.93  | 1.86  | 4.65  | 3.91  | 4.25  | 3.68  | 3.83  | 2.67  | 0.44 | 13.15 | 15.75 | 2.60  |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7                   | 8 | 6.58  | 4.40  | 2.57  | 4.46  | 4.07  | 3.88  | 3.23  | 4.18  | 2.76  | 0.44 | 13.22 | 16.42 | 3.20  |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8                   | 8 | 6.00  | 4.34  | 2.56  | 4.36  | 3.93  | 3.79  | 3.13  | 3.97  | 2.91  | 0.44 | 13.14 | 17.00 | 3.86  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 2 | 9.01  | 4.17  | 2.15  |       |       |       |       |       |       | 0.44 | 6.73  | 13.99 | 7.26  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 2 | 6.00  | 3.86  | 2.17  |       |       |       |       |       |       | 0.44 | 6.55  | 17.00 | 10.45 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 3 | 10.77 | 4.10  | 2.84  | 3.19  |       |       |       |       |       | 0.44 | 8.62  | 12.23 | 3.61  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 3 | 7.76  | 3.92  | 2.53  | 2.99  |       |       |       |       |       | 0.44 | 8.40  | 15.24 | 6.84  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 3 | 6.00  | 3.83  | 2.44  | 3.17  |       |       |       |       |       | 0.44 | 8.39  | 17.00 | 8.61  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 4 | 12.02 | 3.73  | 2.20  | 4.19  | 3.44  |       |       |       |       | 0.44 | 9.91  | 10.98 | 1.07  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 4 | 9.01  | 4.36  | 2.06  | 3.79  | 3.16  |       |       |       |       | 0.44 | 9.88  | 13.99 | 4.11  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 4 | 7.25  | 3.93  | 2.14  | 3.72  | 3.32  |       |       |       |       | 0.44 | 9.79  | 15.75 | 5.96  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 4 | 6.00  | 4.25  | 1.92  | 3.53  | 3.28  |       |       |       |       | 0.44 | 9.78  | 17.00 | 7.22  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 6 | 13.78 | -0.39 | -1.76 | 0.03  | 0.03  | -0.23 | -2.15 |       |       | 0.44 | 7.56  | 9.22  | 1.66  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 6 | 10.77 | 2.78  | 0.98  | 2.78  | 2.76  | 2.54  | 1.12  |       |       | 0.44 | 10.45 | 12.23 | 1.78  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 6 | 9.01  | 3.59  | 1.87  | 3.91  | 4.00  | 3.62  | 2.04  |       |       | 0.44 | 11.48 | 13.99 | 2.51  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 6 | 7.76  | 3.78  | 1.94  | 3.82  | 4.00  | 3.75  | 2.00  |       |       | 0.44 | 11.52 | 15.24 | 3.72  |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                | 6 | 6.79  | 3.64  | 1.91  | 3.77  | 4.16  | 3.90  | 1.97  |       |       | 0.44 | 11.54 | 16.21 | 4.67  |

|                                                         |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|---------------------------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                | 6 | 6.00  | 3.47  | 1.93  | 3.68  | 4.30  | 3.91  | 1.95  |       |       | 0.44 | 11.52 | 17.00 | 5.48  |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 8 | 15.03 | -2.35 | -3.32 | -3.15 | -3.30 | -1.79 | -2.19 | -2.47 | -3.52 | 0.44 | 6.75  | 7.97  | 1.22  |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 8 | 12.02 | -0.35 | -0.03 | 0.11  | -0.25 | 1.67  | 1.01  | 0.56  | 0.32  | 0.44 | 9.90  | 10.98 | 1.08  |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 8 | 10.26 | 2.99  | 2.08  | 1.96  | 1.55  | 3.09  | 3.21  | 3.28  | 1.61  | 0.44 | 12.00 | 12.74 | 0.74  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 8 | 9.01  | 3.91  | 2.64  | 3.28  | 2.77  | 4.12  | 3.54  | 3.93  | 2.80  | 0.44 | 12.88 | 13.99 | 1.11  |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                | 8 | 8.04  | 3.59  | 2.62  | 2.78  | 3.09  | 4.48  | 3.73  | 3.73  | 2.69  | 0.44 | 12.85 | 14.96 | 2.11  |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                | 8 | 7.25  | 4.44  | 2.49  | 2.98  | 2.76  | 4.19  | 3.80  | 3.79  | 2.52  | 0.44 | 12.90 | 15.75 | 2.85  |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7-BF                | 8 | 6.58  | 4.10  | 2.59  | 3.13  | 2.98  | 3.97  | 3.81  | 4.18  | 2.61  | 0.44 | 12.94 | 16.42 | 3.48  |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8-BF                | 8 | 6.00  | 4.28  | 2.62  | 3.22  | 2.96  | 3.90  | 3.74  | 3.94  | 2.69  | 0.44 | 12.93 | 17.00 | 4.07  |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 2 | 6.00  | 4.17  | 2.22  |       |       |       |       |       |       | 0.44 | 6.75  | 17.00 | 10.25 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 3 | 6.00  | 3.89  | 2.80  | 3.64  |       |       |       |       |       | 0.44 | 8.68  | 17.00 | 8.32  |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 4 | 6.00  | 4.36  | 2.41  | 3.72  | 3.55  |       |       |       |       | 0.44 | 10.03 | 17.00 | 6.97  |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 6 | 6.00  | 2.65  | 1.18  | 3.42  | 2.93  | 2.66  | 2.83  |       |       | 0.44 | 10.88 | 17.00 | 6.12  |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 8 | 6.00  | 1.39  | 0.07  | 1.80  | 1.19  | 1.67  | 1.17  | 0.56  | -0.14 | 0.44 | 10.49 | 17.00 | 6.51  |

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) |
|------------------------------------------------------|----------|-------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-----------|---------------------|---------------------|-------------|
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 1        | 6.00                          | 0.14               |                    |                    |                    |                    |                    |                    |                    | 0.36      | 0.50                | 17.00               | 16.50       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 2        | 9.01                          | -0.28              | -3.37              |                    |                    |                    |                    |                    |                    | 0.36      | 1.81                | 13.99               | 12.18       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 2        | 6.00                          | -0.75              | -3.55              |                    |                    |                    |                    |                    |                    | 0.36      | 1.44                | 17.00               | 15.56       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 3        | 10.77                         | -1.02              | -4.01              | -2.23              |                    |                    |                    |                    |                    | 0.36      | 2.88                | 12.23               | 9.35        |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 3        | 7.76                          | -1.49              | -4.45              | -2.17              |                    |                    |                    |                    |                    | 0.36      | 2.60                | 15.24               | 12.64       |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 3        | 6.00                          | -2.77              | -5.59              | -3.49              |                    |                    |                    |                    |                    | 0.36      | 1.34                | 17.00               | 15.66       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 4        | 12.02                         | -2.30              | -4.40              | -2.64              | -2.67              |                    |                    |                    |                    | 0.36      | 3.45                | 10.98               | 7.53        |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 4        | 9.01                          | -2.12              | -4.68              | -2.59              | -2.84              |                    |                    |                    |                    | 0.36      | 3.42                | 13.99               | 10.57       |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 4        | 7.25                          | -3.53              | -6.23              | -4.13              | -4.21              |                    |                    |                    |                    | 0.36      | 1.97                | 15.75               | 13.78       |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 4        | 6.00                          | -3.91              | -6.17              | -4.52              | -4.25              |                    |                    |                    |                    | 0.36      | 1.75                | 17.00               | 15.25       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 6        | 13.78                         | -2.48              | -5.03              | -3.47              | -2.82              | -2.56              | -4.19              |                    |                    | 0.36      | 4.81                | 9.22                | 4.41        |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 6        | 10.77                         | -2.42              | -5.03              | -3.53              | -2.76              | -2.58              | -4.00              |                    |                    | 0.36      | 4.85                | 12.23               | 7.38        |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 6        | 9.01                          | -5.04              | -7.35              | -5.85              | -5.40              | -4.92              | -6.54              |                    |                    | 0.36      | 2.37                | 13.99               | 11.62       |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 6        | 7.76                          | -3.99              | -6.22              | -4.83              | -4.24              | -3.68              | -5.55              |                    |                    | 0.36      | 3.48                | 15.24               | 11.76       |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5                | 6        | 6.79                          | -3.75              | -6.12              | -4.67              | -4.10              | -3.64              | -5.16              |                    |                    | 0.36      | 3.65                | 16.21               | 12.56       |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6                | 6        | 6.00                          | -3.90              | -6.13              | -4.75              | -4.19              | -3.69              | -5.60              |                    |                    | 0.36      | 3.52                | 17.00               | 13.48       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 8        | 15.03                         | -3.17              | -5.83              | -3.66              | -3.93              | -3.08              | -3.60              | -3.54              | -4.68              | 0.36      | 5.53                | 7.97                | 2.44        |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 8        | 12.02                         | -3.09              | -6.13              | -3.83              | -4.02              | -3.19              | -3.55              | -3.77              | -4.81              | 0.36      | 5.43                | 10.98               | 5.55        |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 8        | 10.26                         | -4.72              | -6.98              | -4.99              | -5.42              | -4.60              | -4.51              | -5.08              | -5.88              | 0.36      | 4.18                | 12.74               | 8.56        |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 8        | 9.01                          | -4.79              | -7.38              | -5.16              | -5.46              | -4.66              | -4.66              | -5.13              | -6.30              | 0.36      | 4.03                | 13.99               | 9.96        |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5                | 8        | 8.04                          | -4.18              | -6.65              | -5.06              | -5.12              | -4.00              | -4.36              | -4.80              | -5.81              | 0.36      | 4.47                | 14.96               | 10.49       |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6                | 8        | 7.25                          | -4.51              | -6.69              | -5.04              | -5.46              | -4.08              | -4.67              | -5.05              | -5.93              | 0.36      | 4.28                | 15.75               | 11.47       |

|                                                         |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|---------------------------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| VHT/HE40, M0.7 to M9.7, M0.7 to M11.7                   | 8 | 6.58  | -4.34 | -7.29 | -4.39 | -4.92 | -4.00 | -3.79 | -4.31 | -5.69 | 0.36 | 4.67  | 16.42 | 11.75 |
| VHT/HE40, M0.8 to M9.8, M0.8 to M11.8                   | 8 | 6.00  | -4.67 | -7.21 | -4.00 | -4.09 | -4.36 | -3.00 | -3.99 | -6.18 | 0.36 | 4.87  | 17.00 | 12.13 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 2 | 9.01  | -2.38 | -5.62 |       |       |       |       |       |       | 0.36 | -0.33 | 13.99 | 14.32 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 2 | 6.00  | -1.24 | -4.59 |       |       |       |       |       |       | 0.36 | 0.77  | 17.00 | 16.23 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 3 | 10.77 | -3.18 | -5.85 | -4.20 |       |       |       |       |       | 0.36 | 0.86  | 12.23 | 11.37 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 3 | 7.76  | -2.56 | -5.28 | -2.78 |       |       |       |       |       | 0.36 | 1.75  | 15.24 | 13.49 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 3 | 6.00  | -2.88 | -5.48 | -3.20 |       |       |       |       |       | 0.36 | 1.42  | 17.00 | 15.58 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 4 | 12.02 | -4.04 | -6.77 | -4.52 | -5.11 |       |       |       |       | 0.36 | 1.39  | 10.98 | 9.59  |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 4 | 9.01  | -3.36 | -5.60 | -3.39 | -4.00 |       |       |       |       | 0.36 | 2.38  | 13.99 | 11.61 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 4 | 7.25  | -3.71 | -6.20 | -4.02 | -4.24 |       |       |       |       | 0.36 | 1.94  | 15.75 | 13.81 |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 4 | 6.00  | -2.68 | -5.34 | -2.94 | -3.01 |       |       |       |       | 0.36 | 3.01  | 17.00 | 13.99 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 6 | 13.78 | -6.91 | -9.00 | -6.66 | -7.95 | -7.16 | -8.67 |       |       | 0.36 | 0.50  | 9.22  | 8.72  |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 6 | 10.77 | -5.74 | -8.13 | -5.48 | -6.70 | -5.96 | -7.54 |       |       | 0.36 | 1.65  | 12.23 | 10.58 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 6 | 9.01  | -5.07 | -7.32 | -4.69 | -5.64 | -4.97 | -6.51 |       |       | 0.36 | 2.54  | 13.99 | 11.45 |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 6 | 7.76  | -4.12 | -6.29 | -3.51 | -4.43 | -3.62 | -5.59 |       |       | 0.36 | 3.66  | 15.24 | 11.58 |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5-BF                | 6 | 6.79  | -2.74 | -4.90 | -2.18 | -2.84 | -2.55 | -4.04 |       |       | 0.36 | 5.03  | 16.21 | 11.18 |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6-BF                | 6 | 6.00  | -2.90 | -5.13 | -2.49 | -2.98 | -2.74 | -4.39 |       |       | 0.36 | 4.81  | 17.00 | 12.19 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 8 | 15.03 | -8.15 | -10.7 | -9.68 | -10.3 | -8.87 | -8.90 | -9.36 | -9.92 | 0.36 | -0.02 | 7.97  | 7.99  |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 8 | 12.02 | -6.57 | -9.10 | -7.53 | -7.84 | -6.81 | -6.78 | -7.36 | -7.49 | 0.36 | 2.02  | 10.98 | 8.96  |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 8 | 10.26 | -5.56 | -8.48 | -6.25 | -6.85 | -5.62 | -6.12 | -6.38 | -7.16 | 0.36 | 2.92  | 12.74 | 9.82  |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 8 | 9.01  | -5.69 | -8.44 | -6.05 | -6.77 | -5.81 | -6.47 | -6.59 | -6.99 | 0.36 | 2.86  | 13.99 | 11.13 |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5-BF                | 8 | 8.04  | -4.37 | -7.03 | -4.88 | -4.99 | -4.14 | -4.25 | -5.18 | -5.76 | 0.36 | 4.40  | 14.96 | 10.56 |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6-BF                | 8 | 7.25  | -4.57 | -6.86 | -4.91 | -5.44 | -4.34 | -4.66 | -5.02 | -5.75 | 0.36 | 4.26  | 15.75 | 11.49 |
| VHT/HE40, M0.7 to M9.7, M0.7 to M11.7-BF                | 8 | 6.58  | -3.95 | -6.76 | -4.48 | -5.00 | -3.85 | -4.79 | -5.08 | -5.52 | 0.36 | 4.55  | 16.42 | 11.87 |
| VHT/HE40, M0.8 to M9.8, M0.8 to M11.8-BF                | 8 | 6.00  | -3.59 | -6.26 | -2.71 | -2.92 | -3.23 | -3.10 | -3.28 | -4.91 | 0.36 | 5.77  | 17.00 | 11.23 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC         | 2 | 6.00  | -0.24 | -3.40 |       |       |       |       |       |       | 0.36 | 1.83  | 17.00 | 15.17 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC         | 3 | 6.00  | -0.32 | -3.50 | -0.89 |       |       |       |       |       | 0.36 | 3.77  | 17.00 | 13.23 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC         | 4 | 6.00  | -0.85 | -3.61 | -1.48 | -1.40 |       |       |       |       | 0.36 | 4.66  | 17.00 | 12.34 |

|                                                 |   |      |       |       |       |       |       |       |       |       |      |      |       |       |
|-------------------------------------------------|---|------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-------|-------|
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC | 6 | 6.00 | -2.49 | -4.71 | -2.22 | -2.97 | -2.42 | -4.14 |       |       | 0.36 | 5.08 | 17.00 | 11.92 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC | 8 | 6.00 | -3.09 | -5.91 | -3.38 | -4.09 | -3.01 | -3.23 | -3.94 | -4.66 | 0.36 | 5.57 | 17.00 | 11.43 |

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) |
|------------------------------------------------------|----------|-------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-----------|---------------------|---------------------|-------------|
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 1        | 6.00                          | 0.74               |                    |                    |                    |                    |                    |                    |                    | 0.36      | 1.10                | 17.00               | 15.90       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 2        | 9.01                          | 0.92               | -1.32              |                    |                    |                    |                    |                    |                    | 0.36      | 3.31                | 13.99               | 10.68       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 2        | 6.00                          | 0.71               | -1.50              |                    |                    |                    |                    |                    |                    | 0.36      | 3.11                | 17.00               | 13.89       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 3        | 10.77                         | 0.90               | -0.78              | -0.31              |                    |                    |                    |                    |                    | 0.36      | 5.13                | 12.23               | 7.10        |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 3        | 7.76                          | 0.80               | -1.38              | -0.47              |                    |                    |                    |                    |                    | 0.36      | 4.87                | 15.24               | 10.37       |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 3        | 6.00                          | 0.32               | -1.64              | -0.44              |                    |                    |                    |                    |                    | 0.36      | 4.62                | 17.00               | 12.38       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 4        | 12.02                         | 1.21               | -0.48              | 0.85               | 0.00               |                    |                    |                    |                    | 0.36      | 6.83                | 10.98               | 4.15        |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 4        | 9.01                          | 0.89               | -0.71              | 0.51               | 0.11               |                    |                    |                    |                    | 0.36      | 6.62                | 13.99               | 7.37        |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 4        | 7.25                          | 0.50               | -1.36              | -0.15              | -0.12              |                    |                    |                    |                    | 0.36      | 6.15                | 15.75               | 9.60        |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 4        | 6.00                          | 0.39               | -1.49              | -0.28              | -0.31              |                    |                    |                    |                    | 0.36      | 6.01                | 17.00               | 10.99       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 6        | 13.78                         | -0.68              | -1.70              | -2.14              | -1.40              | -0.66              | -1.33              |                    |                    | 0.36      | 6.86                | 9.22                | 2.36        |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 6        | 10.77                         | 0.30               | -0.94              | -1.21              | -0.23              | 0.42               | -0.74              |                    |                    | 0.36      | 7.78                | 12.23               | 4.45        |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 6        | 9.01                          | 0.01               | -1.03              | -0.94              | -0.54              | 0.07               | -0.89              |                    |                    | 0.36      | 7.61                | 13.99               | 6.38        |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 6        | 7.76                          | -0.06              | -1.02              | -1.19              | -0.55              | 0.17               | -0.83              |                    |                    | 0.36      | 7.59                | 15.24               | 7.65        |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5                | 6        | 6.79                          | 0.51               | -0.93              | -1.18              | -0.09              | 0.38               | -0.80              |                    |                    | 0.36      | 7.84                | 16.21               | 8.37        |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6                | 6        | 6.00                          | 0.06               | -1.12              | -1.14              | -0.37              | 0.01               | -0.80              |                    |                    | 0.36      | 7.61                | 17.00               | 9.39        |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 8        | 15.03                         | -1.82              | -3.55              | -1.91              | -2.72              | -2.14              | -2.24              | -2.67              | -3.13              | 0.36      | 6.90                | 7.97                | 1.07        |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 8        | 12.02                         | 0.86               | -1.13              | 0.45               | 0.02               | 0.86               | 0.61               | 0.08               | -0.99              | 0.36      | 9.54                | 10.98               | 1.44        |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 8        | 10.26                         | 0.56               | -1.23              | 0.25               | 0.07               | 0.42               | 0.15               | 0.21               | -1.20              | 0.36      | 9.34                | 12.74               | 3.40        |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 8        | 9.01                          | 0.60               | -1.15              | 0.07               | -0.06              | 0.52               | 0.18               | 0.08               | -1.31              | 0.36      | 9.31                | 13.99               | 4.68        |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5                | 8        | 8.04                          | 0.97               | -0.90              | 0.74               | 0.02               | 1.01               | 0.64               | 0.21               | -0.96              | 0.36      | 9.67                | 14.96               | 5.29        |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6                | 8        | 7.25                          | 0.56               | -1.10              | 0.01               | -0.27              | 0.54               | 0.17               | 0.15               | -1.00              | 0.36      | 9.31                | 15.75               | 6.44        |



|                                                         |   |       |       |       |       |       |       |       |       |       |      |       |       |       |
|---------------------------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| VHT/HE40, M0.7 to M9.7, M0.7 to M11.7                   | 8 | 6.58  | 1.25  | -0.79 | 0.58  | 0.33  | 0.76  | 0.51  | 0.36  | -0.71 | 0.36 | 9.73  | 16.42 | 6.69  |
| VHT/HE40, M0.8 to M9.8, M0.8 to M11.8                   | 8 | 6.00  | 0.75  | -1.14 | 1.13  | 0.92  | 0.66  | 0.59  | 0.84  | -1.10 | 0.36 | 9.80  | 17.00 | 7.20  |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 2 | 9.01  | 1.04  | -1.22 |       |       |       |       |       |       | 0.36 | 3.43  | 13.99 | 10.56 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 2 | 6.00  | 0.56  | -1.47 |       |       |       |       |       |       | 0.36 | 3.03  | 17.00 | 13.97 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 3 | 10.77 | 0.88  | -0.98 | 0.29  |       |       |       |       |       | 0.36 | 5.26  | 12.23 | 6.97  |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 3 | 7.76  | 0.51  | -1.14 | 0.21  |       |       |       |       |       | 0.36 | 5.05  | 15.24 | 10.19 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 3 | 6.00  | 0.30  | -1.56 | -0.01 |       |       |       |       |       | 0.36 | 4.78  | 17.00 | 12.22 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 4 | 12.02 | 1.11  | -1.20 | 0.43  | 0.08  |       |       |       |       | 0.36 | 6.56  | 10.98 | 4.42  |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 4 | 9.01  | 0.94  | -1.35 | 0.43  | 0.08  |       |       |       |       | 0.36 | 6.48  | 13.99 | 7.51  |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 4 | 7.25  | 0.76  | -1.66 | -0.03 | 0.03  |       |       |       |       | 0.36 | 6.24  | 15.75 | 9.51  |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 4 | 6.00  | 0.60  | -1.75 | 0.04  | -0.25 |       |       |       |       | 0.36 | 6.12  | 17.00 | 10.88 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 6 | 13.78 | -1.44 | -4.37 | -4.07 | -2.50 | -2.30 | -3.65 |       |       | 0.36 | 5.21  | 9.22  | 4.01  |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 6 | 10.77 | 1.37  | -1.84 | -1.26 | 0.52  | 0.14  | -0.66 |       |       | 0.36 | 7.99  | 12.23 | 4.24  |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 6 | 9.01  | 1.08  | -1.90 | -1.41 | 0.28  | 0.08  | -1.04 |       |       | 0.36 | 7.78  | 13.99 | 6.21  |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 6 | 7.76  | 1.00  | -1.71 | -1.30 | 0.29  | 0.04  | -0.99 |       |       | 0.36 | 7.80  | 15.24 | 7.44  |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5-BF                | 6 | 6.79  | 1.40  | -1.62 | -1.11 | 0.41  | 0.39  | -0.77 |       |       | 0.36 | 8.05  | 16.21 | 8.16  |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6-BF                | 6 | 6.00  | 1.03  | -1.65 | -1.41 | 0.29  | 0.04  | -0.84 |       |       | 0.36 | 7.82  | 17.00 | 9.18  |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 8 | 15.03 | -4.93 | -6.67 | -5.79 | -6.10 | -5.47 | -5.05 | -5.81 | -6.96 | 0.36 | 3.59  | 7.97  | 4.38  |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 8 | 12.02 | -1.85 | -3.82 | -2.69 | -2.76 | -2.19 | -1.95 | -2.36 | -3.33 | 0.36 | 6.82  | 10.98 | 4.16  |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 8 | 10.26 | -0.53 | -2.05 | -0.92 | -1.35 | -0.56 | -0.61 | -0.83 | -2.04 | 0.36 | 8.32  | 12.74 | 4.42  |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 8 | 9.01  | 0.58  | -1.51 | -0.03 | -0.22 | 0.31  | 0.22  | 0.06  | -1.23 | 0.36 | 9.22  | 13.99 | 4.77  |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5-BF                | 8 | 8.04  | 1.19  | -0.83 | 0.38  | 0.08  | 0.88  | 1.07  | 0.24  | -0.76 | 0.36 | 9.73  | 14.96 | 5.23  |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6-BF                | 8 | 7.25  | 0.90  | -1.17 | 0.34  | -0.05 | 0.45  | 0.56  | -0.13 | -1.15 | 0.36 | 9.42  | 15.75 | 6.33  |
| VHT/HE40, M0.7 to M9.7, M0.7 to M11.7-BF                | 8 | 6.58  | 1.22  | -0.64 | 0.82  | 0.63  | 0.59  | 1.46  | 0.47  | -0.84 | 0.36 | 9.92  | 16.42 | 6.50  |
| VHT/HE40, M0.8 to M9.8, M0.8 to M11.8-BF                | 8 | 6.00  | 0.72  | -1.23 | 1.45  | 0.96  | 0.48  | 1.70  | 1.16  | -1.32 | 0.36 | 10.01 | 17.00 | 6.99  |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC         | 2 | 6.00  | 0.75  | -1.27 |       |       |       |       |       |       | 0.36 | 3.23  | 17.00 | 13.77 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC         | 3 | 6.00  | 0.95  | -0.76 | -0.12 |       |       |       |       |       | 0.36 | 5.21  | 17.00 | 11.79 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC         | 4 | 6.00  | 1.04  | -0.81 | 0.62  | -0.14 |       |       |       |       | 0.36 | 6.62  | 17.00 | 10.38 |

|                                                 |   |      |      |       |      |       |      |      |      |       |      |      |       |      |
|-------------------------------------------------|---|------|------|-------|------|-------|------|------|------|-------|------|------|-------|------|
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC | 6 | 6.00 | 1.43 | -0.74 | 1.05 | -0.34 | 0.65 | 0.81 |      |       | 0.36 | 8.68 | 17.00 | 8.32 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC | 8 | 6.00 | 1.04 | -0.81 | 0.27 | -0.04 | 1.00 | 0.74 | 0.27 | -0.80 | 0.36 | 9.65 | 17.00 | 7.35 |

5210 MHz:

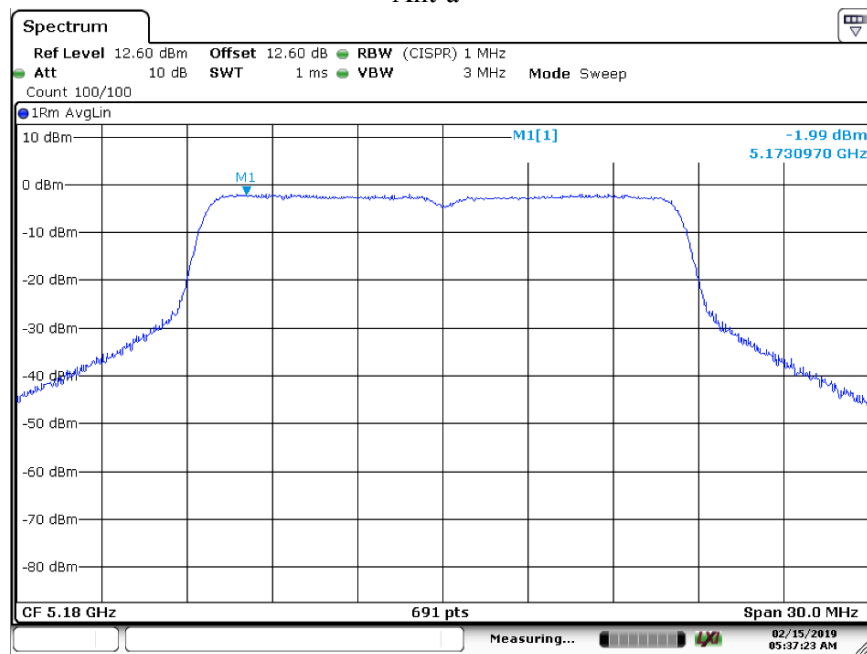
| Mode                                  | Tx paths | correlated antenna gain (dBi) | Tx 1 PSD (dBm/MHz) | Tx 2 PSD (dBm/MHz) | Tx 3 PSD (dBm/MHz) | Tx 4 PSD (dBm/MHz) | Tx 5 PSD (dBm/MHz) | Tx 6 PSD (dBm/MHz) | Tx 7 PSD (dBm/MHz) | Tx 8 PSD (dBm/MHz) | DCCF (dB) | Total PSD (dBm/MHz) | FCC Limit (dBm/MHz) | Margin (dB) |
|---------------------------------------|----------|-------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-----------|---------------------|---------------------|-------------|
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 1        | 6.00                          | -5.19              |                    |                    |                    |                    |                    |                    |                    | 0.44      | -4.75               | 17.00               | 21.75       |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 2        | 9.01                          | -6.16              | -8.28              |                    |                    |                    |                    |                    |                    | 0.44      | -3.64               | 13.99               | 17.63       |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 2        | 6.00                          | -6.33              | -8.07              |                    |                    |                    |                    |                    |                    | 0.44      | -3.66               | 17.00               | 20.66       |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 3        | 10.77                         | -7.27              | -9.04              | -7.86              |                    |                    |                    |                    |                    | 0.44      | -2.78               | 12.23               | 15.01       |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 3        | 7.76                          | -7.18              | -8.70              | -7.40              |                    |                    |                    |                    |                    | 0.44      | -2.50               | 15.24               | 17.74       |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3 | 3        | 6.00                          | -7.95              | -9.76              | -8.19              |                    |                    |                    |                    |                    | 0.44      | -3.35               | 17.00               | 20.35       |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 4        | 12.02                         | -8.16              | -9.65              | -9.30              | -9.50              |                    |                    |                    |                    | 0.44      | -2.65               | 10.98               | 13.63       |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 4        | 9.01                          | -8.41              | -9.76              | -8.94              | -8.95              |                    |                    |                    |                    | 0.44      | -2.53               | 13.99               | 16.52       |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3 | 4        | 7.25                          | -8.70              | -9.63              | -9.61              | -8.91              |                    |                    |                    |                    | 0.44      | -2.73               | 15.75               | 18.48       |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4 | 4        | 6.00                          | -8.83              | -10.40             | -9.96              | -9.93              |                    |                    |                    |                    | 0.44      | -3.28               | 17.00               | 20.28       |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 6        | 13.78                         | -10.97             | -11.75             | -10.28             | -12.63             | -11.02             | -10.81             |                    |                    | 0.44      | -2.96               | 9.22                | 12.18       |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 6        | 10.77                         | -10.34             | -11.64             | -9.83              | -12.21             | -11.02             | -10.56             |                    |                    | 0.44      | -2.64               | 12.23               | 14.87       |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3 | 6        | 9.01                          | -11.06             | -11.77             | -10.10             | -12.25             | -10.97             | -11.12             |                    |                    | 0.44      | -2.94               | 13.99               | 16.93       |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4 | 6        | 7.76                          | -11.03             | -12.23             | -10.79             | -13.01             | -11.57             | -11.21             |                    |                    | 0.44      | -3.35               | 15.24               | 18.59       |
| VHT/HE80, M0.5 to M9.5, M0.5 to M11.5 | 6        | 6.79                          | -10.93             | -12.21             | -10.74             | -13.03             | -11.49             | -11.34             |                    |                    | 0.44      | -3.33               | 16.21               | 19.54       |
| VHT/HE80, M0.6 to M9.6, M0.6 to M11.6 | 6        | 6.00                          | -10.97             | -11.90             | -10.61             | -12.75             | -11.20             | -10.91             |                    |                    | 0.44      | -3.11               | 17.00               | 20.11       |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 8        | 15.03                         | -10.49             | -11.79             | -11.39             | -11.68             | -10.50             | -10.92             | -10.89             | -12.31             | 0.44      | -1.73               | 7.97                | 9.70        |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 8        | 12.02                         | -10.45             | -11.25             | -10.93             | -11.33             | -10.58             | -10.96             | -10.81             | -12.27             | 0.44      | -1.57               | 10.98               | 12.55       |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3 | 8        | 10.26                         | -11.82             | -12.87             | -11.88             | -12.00             | -11.88             | -12.21             | -11.81             | -13.67             | 0.44      | -2.75               | 12.74               | 15.49       |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4 | 8        | 9.01                          | -12.33             | -12.98             | -11.81             | -11.43             | -12.11             | -11.23             | -11.69             | -13.69             | 0.44      | -2.62               | 13.99               | 16.61       |
| VHT/HE80, M0.5 to M9.5, M0.5 to M11.5 | 8        | 8.04                          | -12.36             | -12.96             | -11.29             | -11.77             | -12.31             | -11.35             | -11.48             | -13.44             | 0.44      | -2.59               | 14.96               | 17.55       |
| VHT/HE80, M0.6 to M9.6, M0.6 to M11.6 | 8        | 7.25                          | -12.40             | -13.19             | -11.23             | -12.84             | -12.40             | -12.81             | -11.02             | -13.80             | 0.44      | -2.90               | 15.75               | 18.65       |

|                                          |   |       |        |        |        |        |        |        |        |        |      |       |       |       |
|------------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|------|-------|-------|-------|
| VHT/HE80, M0.7 to M9.7, M0.7 to M11.7    | 8 | 6.58  | -12.17 | -12.89 | -11.81 | -12.35 | -12.66 | -12.83 | -12.05 | -13.51 | 0.44 | -3.03 | 16.42 | 19.45 |
| VHT/HE80, M0.8 to M9.8, M0.8 to M11.8    | 8 | 6.00  | -12.40 | -13.35 | -13.26 | -13.22 | -12.28 | -12.84 | -12.92 | -13.96 | 0.44 | -3.53 | 17.00 | 20.53 |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 2 | 9.01  | -9.59  | -10.93 |        |        |        |        |        |        | 0.44 | -6.76 | 13.99 | 20.75 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 2 | 6.00  | -6.50  | -8.25  |        |        |        |        |        |        | 0.44 | -3.84 | 17.00 | 20.84 |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 3 | 10.77 | -10.74 | -11.67 | -12.19 |        |        |        |        |        | 0.44 | -6.28 | 12.23 | 18.51 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 3 | 7.76  | -9.35  | -10.25 | -10.28 |        |        |        |        |        | 0.44 | -4.73 | 15.24 | 19.97 |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3-BF | 3 | 6.00  | -7.85  | -9.59  | -8.91  |        |        |        |        |        | 0.44 | -3.51 | 17.00 | 20.51 |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 4 | 12.02 | -12.99 | -12.91 | -13.62 | -14.23 |        |        |        |        | 0.44 | -6.94 | 10.98 | 17.92 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 4 | 9.01  | -10.82 | -11.12 | -11.04 | -11.56 |        |        |        |        | 0.44 | -4.67 | 13.99 | 18.66 |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3-BF | 4 | 7.25  | -11.13 | -11.03 | -11.68 | -10.84 |        |        |        |        | 0.44 | -4.70 | 15.75 | 20.45 |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4-BF | 4 | 6.00  | -8.91  | -10.26 | -9.74  | -9.62  |        |        |        |        | 0.44 | -3.14 | 17.00 | 20.14 |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 6 | 13.78 | -14.83 | -12.42 | -12.39 | -12.39 | -14.55 | -15.81 |        |        | 0.44 | -5.30 | 9.22  | 14.52 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 6 | 10.77 | -13.24 | -13.11 | -14.43 | -14.26 | -12.80 | -13.79 |        |        | 0.44 | -5.34 | 12.23 | 17.57 |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3-BF | 6 | 9.01  | -13.26 | -13.06 | -14.49 | -14.40 | -13.23 | -14.42 |        |        | 0.44 | -5.54 | 13.99 | 19.53 |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4-BF | 6 | 7.76  | -12.82 | -12.91 | -13.58 | -13.51 | -12.53 | -13.73 |        |        | 0.44 | -4.94 | 15.24 | 20.18 |
| VHT/HE80, M0.5 to M9.5, M0.5 to M11.5-BF | 6 | 6.79  | -11.79 | -11.85 | -12.54 | -12.40 | -11.64 | -12.34 |        |        | 0.44 | -3.86 | 16.21 | 20.07 |
| VHT/HE80, M0.6 to M9.6, M0.6 to M11.6-BF | 6 | 6.00  | -11.64 | -11.84 | -12.46 | -12.36 | -11.45 | -12.34 |        |        | 0.44 | -3.78 | 17.00 | 20.78 |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 8 | 15.03 | -13.39 | -13.79 | -13.50 | -14.84 | -12.91 | -12.99 | -12.63 | -13.81 | 0.44 | -3.96 | 7.97  | 11.93 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 8 | 12.02 | -14.22 | -11.15 | -11.24 | -12.54 | -13.59 | -13.60 | -14.16 | -11.65 | 0.44 | -3.13 | 10.98 | 14.11 |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3-BF | 8 | 10.26 | -15.00 | -11.29 | -11.47 | -12.60 | -13.82 | -13.44 | -14.34 | -12.57 | 0.44 | -3.42 | 12.74 | 16.16 |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4-BF | 8 | 9.01  | -14.90 | -11.56 | -11.95 | -12.45 | -14.43 | -12.77 | -13.50 | -12.23 | 0.44 | -3.36 | 13.99 | 17.35 |
| VHT/HE80, M0.5 to M9.5, M0.5 to M11.5-BF | 8 | 8.04  | -12.45 | -12.06 | -11.37 | -11.60 | -12.29 | -11.26 | -11.32 | -13.35 | 0.44 | -2.44 | 14.96 | 17.40 |
| VHT/HE80, M0.6 to M9.6, M0.6 to M11.6-BF | 8 | 7.25  | -12.23 | -12.11 | -11.09 | -13.06 | -12.12 | -12.59 | -11.13 | -13.72 | 0.44 | -2.71 | 15.75 | 18.46 |
| VHT/HE80, M0.7 to M9.7, M0.7 to M11.7-BF | 8 | 6.58  | -12.32 | -11.86 | -11.75 | -12.57 | -12.53 | -11.80 | -12.03 | -13.44 | 0.44 | -2.79 | 16.42 | 19.21 |
| VHT/HE80, M0.8 to M9.8, M0.8 to M11.8-BF | 8 | 6.00  | -12.54 | -13.03 | -13.20 | -13.24 | -12.41 | -12.59 | -13.08 | -13.97 | 0.44 | -3.51 | 17.00 | 20.51 |
| VHT/HE80, M0 to M9, M0 to M11-STBC       | 2 | 6.00  | -6.12  | -8.23  |        |        |        |        |        |        | 0.44 | -3.60 | 17.00 | 20.60 |
| VHT/HE80, M0 to M9, M0 to M11-STBC       | 3 | 6.00  | -6.91  | -8.54  | -8.40  |        |        |        |        |        | 0.44 | -2.67 | 17.00 | 19.67 |
| VHT/HE80, M0 to M9, M0 to M11-STBC       | 4 | 6.00  | -8.33  | -9.05  | -8.91  | -9.54  |        |        |        |        | 0.44 | -2.48 | 17.00 | 19.48 |

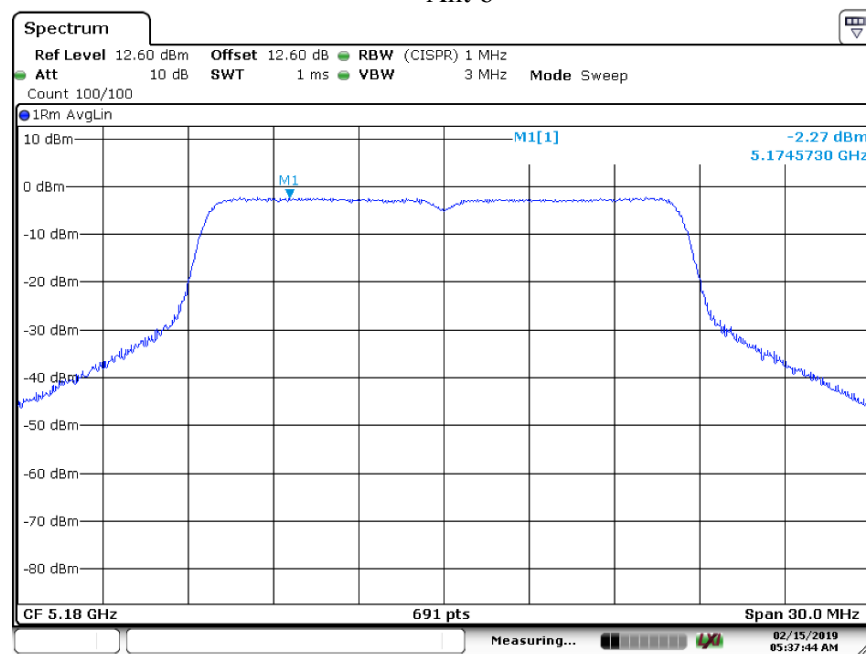
|                                    |   |      |        |        |        |        |        |        |        |        |      |       |       |       |
|------------------------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|------|-------|-------|-------|
| VHT/HE80, M0 to M9, M0 to M11-STBC | 6 | 6.00 | -10.10 | -10.44 | -9.61  | -9.99  | -10.21 | -11.16 |        |        | 0.44 | -2.00 | 17.00 | 19.00 |
| VHT/HE80, M0 to M9, M0 to M11-STBC | 8 | 6.00 | -11.51 | -11.29 | -11.77 | -11.11 | -10.33 | -10.83 | -11.30 | -12.21 | 0.44 | -1.79 | 17.00 | 18.79 |

Please refer to the following plots for the worst case configuration

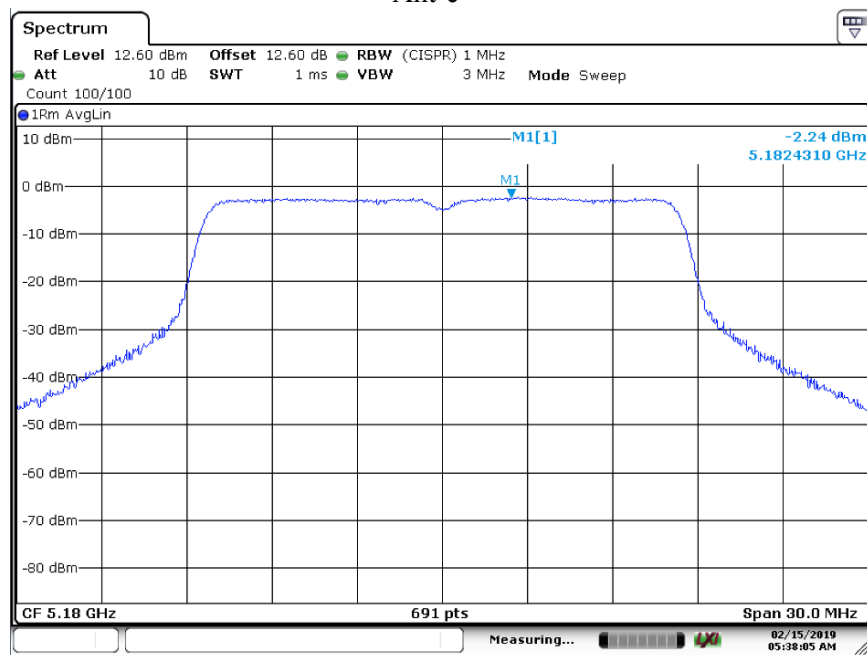
Ant-a



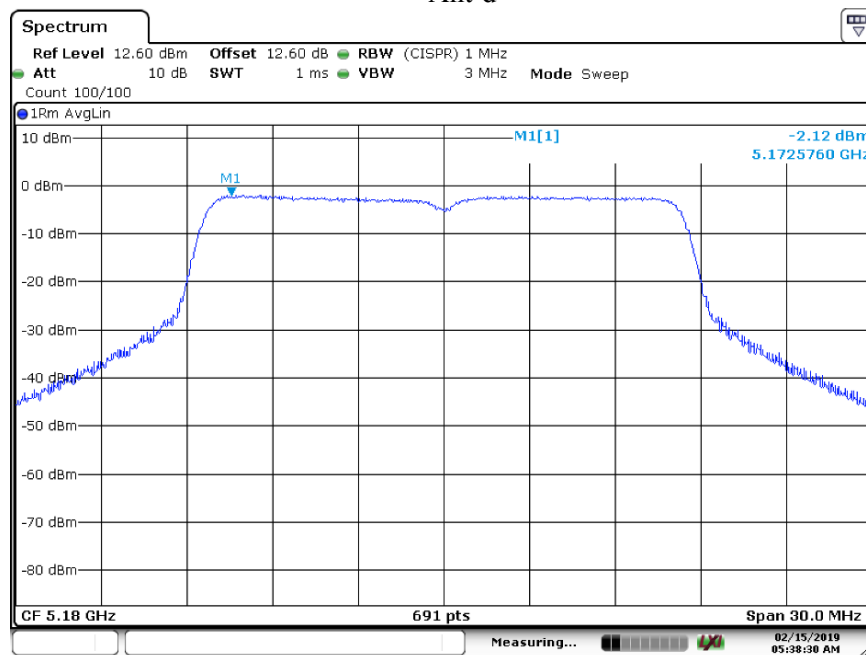
Ant-b



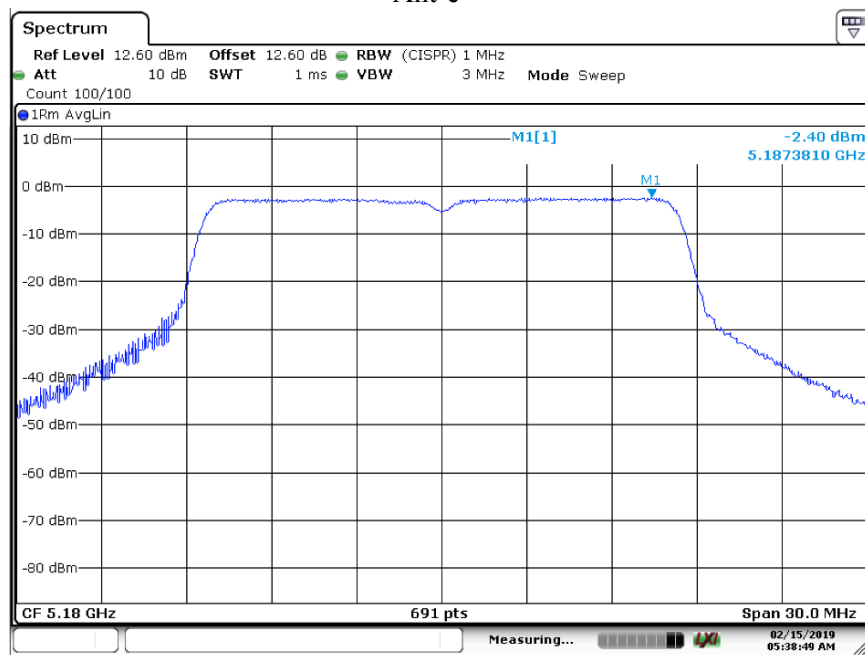
Ant-c



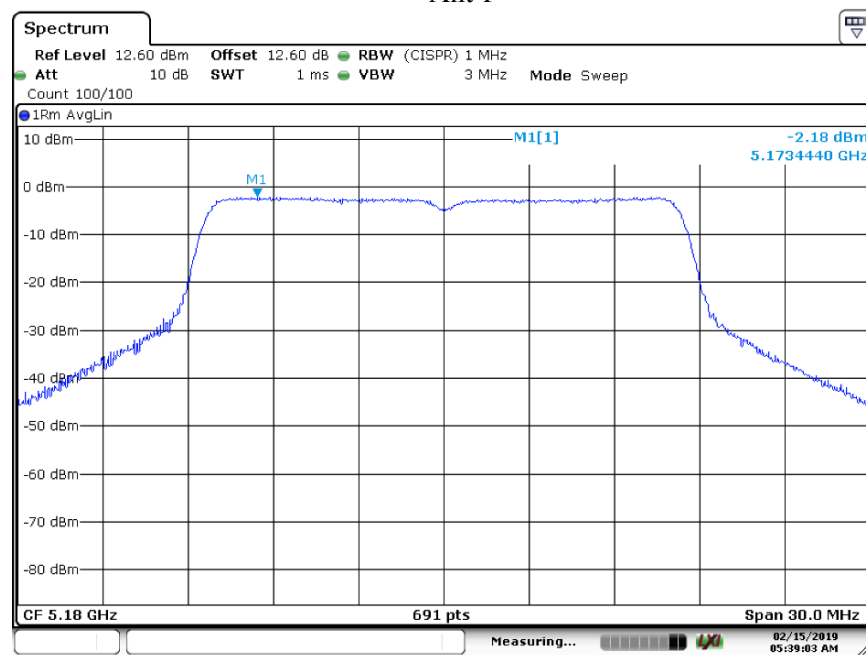
Ant-d



Ant-e

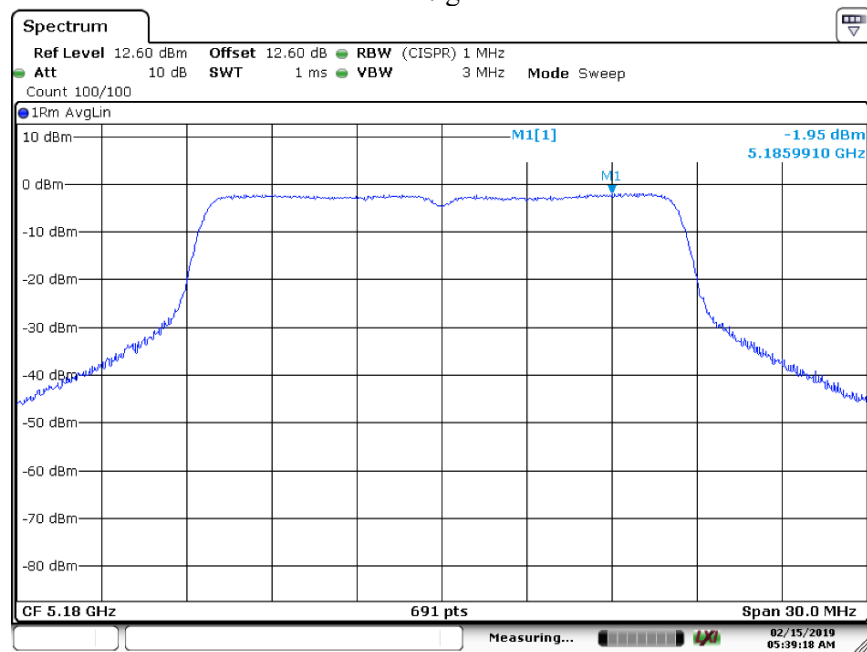


Ant-f

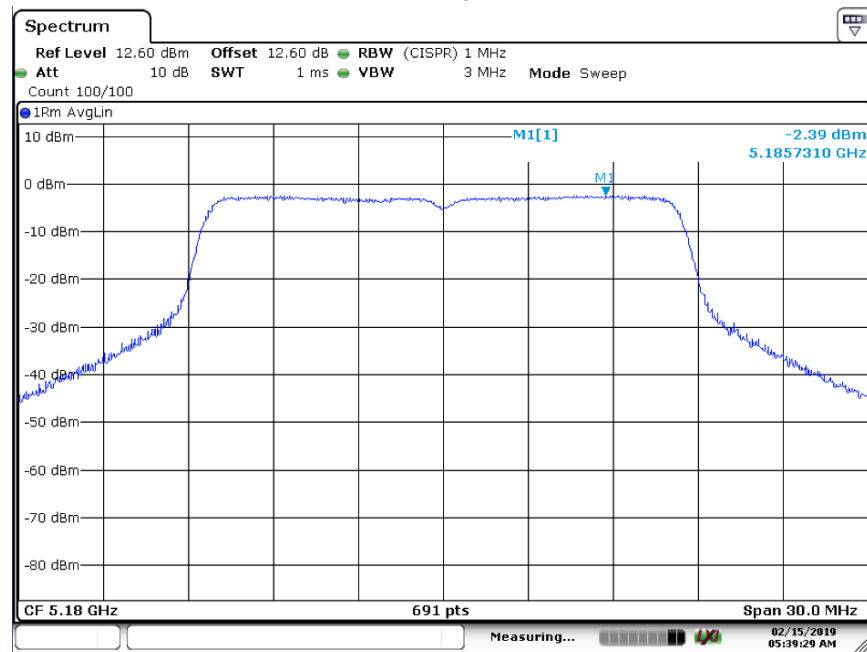




Ant-g



Ant-h



**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                          | -69.17              |                     |                     |                     |                     |                     |                     |                     | -63.17      | -21.25               | 41.92       |
| non HT20, 6 to 54 Mbps                               | 2        | 6.00                          | -69.18              | -68.45              |                     |                     |                     |                     |                     |                     | -59.79      | -21.25               | 38.54       |
| non HT20, 6 to 54 Mbps                               | 3        | 6.00                          | -69.05              | -69.53              | -68.98              |                     |                     |                     |                     |                     | -58.40      | -21.25               | 37.15       |
| non HT20, 6 to 54 Mbps                               | 4        | 6.00                          | -68.21              | -69.27              | -69.36              | -69.14              |                     |                     |                     |                     | -56.95      | -21.25               | 35.70       |
| non HT20, 6 to 54 Mbps                               | 6        | 9.00                          | -68.89              | -70.08              | -69.98              | -69.44              | -69.06              | -69.64              |                     |                     | -52.71      | -21.25               | 31.46       |
| non HT20, 6 to 54 Mbps                               | 8        | 9.00                          | -68.47              | -69.70              | -68.68              | -68.78              | -68.91              | -69.66              | -69.52              | -69.10              | -51.05      | -21.25               | 29.80       |
| non HT20, 6 to 54 Mbps-BF                            | 2        | 9.01                          | -68.45              | -69.12              |                     |                     |                     |                     |                     |                     | -56.75      | -21.25               | 35.50       |
| non HT20, 6 to 54 Mbps-BF                            | 3        | 10.77                         | -69.59              | -69.22              | -69.40              |                     |                     |                     |                     |                     | -53.86      | -21.25               | 32.61       |
| non HT20, 6 to 54 Mbps-BF                            | 4        | 12.02                         | -69.45              | -69.99              | -69.07              | -69.18              |                     |                     |                     |                     | -51.36      | -21.25               | 30.11       |
| non HT20, 6 to 54 Mbps-BF                            | 6        | 13.78                         | -69.63              | -69.53              | -68.91              | -68.63              | -69.40              | -70.36              |                     |                     | -47.81      | -21.25               | 26.56       |
| non HT20, 6 to 54 Mbps-BF                            | 8        | 15.03                         | -69.57              | -69.38              | -68.85              | -69.18              | -69.33              | -69.64              | -69.31              | -68.72              | -45.18      | -21.25               | 23.93       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 1        | 6.00                          | -69.16              |                     |                     |                     |                     |                     |                     |                     | -63.16      | -21.25               | 41.91       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 2        | 6.00                          | -68.94              | -68.96              |                     |                     |                     |                     |                     |                     | -59.94      | -21.25               | 38.69       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 2        | 6.00                          | -69.67              | -69.46              |                     |                     |                     |                     |                     |                     | -60.55      | -21.25               | 39.30       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 3        | 6.00                          | -68.62              | -69.63              | -68.64              |                     |                     |                     |                     |                     | -58.17      | -21.25               | 36.92       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 3        | 6.00                          | -68.83              | -69.32              | -69.16              |                     |                     |                     |                     |                     | -58.33      | -21.25               | 37.08       |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 3        | 6.00                          | -68.96              | -69.31              | -68.26              |                     |                     |                     |                     |                     | -58.05      | -21.25               | 36.80       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 4        | 6.00                          | -69.60              | -69.43              | -69.00              | -69.20              |                     |                     |                     |                     | -57.28      | -21.25               | 36.03       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 4        | 6.00                          | -68.83              | -70.15              | -68.89              | -69.22              |                     |                     |                     |                     | -57.22      | -21.25               | 35.97       |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 4        | 6.00                          | -69.44              | -68.92              | -68.54              | -68.99              |                     |                     |                     |                     | -56.94      | -21.25               | 35.69       |

|                                                         |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4    | 4 | 6.00  | -69.05 | -69.59 | -69.14 | -68.71 |        |        |        |        | -57.09 | -21.25 | 35.84 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1      | 6 | 9.00  | -68.97 | -69.49 | -69.40 | -69.05 | -69.31 | -68.74 |        |        | -52.37 | -21.25 | 31.12 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2     | 6 | 8.39  | -69.00 | -69.50 | -69.02 | -69.29 | -68.41 | -69.41 |        |        | -52.92 | -21.25 | 31.67 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3    | 6 | 7.51  | -68.89 | -68.53 | -68.69 | -69.70 | -69.49 | -69.06 |        |        | -53.75 | -21.25 | 32.50 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4    | 6 | 6.88  | -69.30 | -69.01 | -69.51 | -69.51 | -68.39 | -68.99 |        |        | -54.44 | -21.25 | 33.19 |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                   | 6 | 6.40  | -68.29 | -68.39 | -68.43 | -68.79 | -69.17 | -69.21 |        |        | -54.52 | -21.25 | 33.27 |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                   | 6 | 6.00  | -69.16 | -68.30 | -68.81 | -69.52 | -68.87 | -68.14 |        |        | -54.99 | -21.25 | 33.74 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1      | 8 | 9.00  | -69.37 | -69.15 | -69.18 | -69.41 | -69.43 | -69.07 | -68.66 | -67.76 | -50.94 | -21.25 | 29.69 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2     | 8 | 9.00  | -68.98 | -69.12 | -69.59 | -68.52 | -68.99 | -69.71 | -69.57 | -69.12 | -51.15 | -21.25 | 29.90 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3    | 8 | 8.13  | -69.27 | -69.68 | -68.93 | -69.90 | -68.58 | -68.42 | -69.60 | -69.49 | -52.04 | -21.25 | 30.79 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4    | 8 | 7.51  | -68.66 | -68.80 | -69.51 | -69.08 | -69.57 | -67.86 | -69.26 | -69.26 | -52.43 | -21.25 | 31.18 |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                   | 8 | 7.02  | -69.23 | -68.92 | -69.28 | -69.28 | -69.17 | -68.45 | -69.38 | -68.25 | -52.93 | -21.25 | 31.68 |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                   | 8 | 6.62  | -69.45 | -69.17 | -69.35 | -69.32 | -68.36 | -68.91 | -69.06 | -68.70 | -53.38 | -21.25 | 32.13 |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7                   | 8 | 6.29  | -68.77 | -68.72 | -68.95 | -69.49 | -69.26 | -69.13 | -68.93 | -69.37 | -53.75 | -21.25 | 32.50 |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8                   | 8 | 6.00  | -68.97 | -69.47 | -69.74 | -69.44 | -68.77 | -68.29 | -69.22 | -69.45 | -54.12 | -21.25 | 32.87 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 2 | 9.01  | -69.06 | -69.80 |        |        |        |        |        |        | -57.40 | -21.25 | 36.15 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 2 | 6.00  | -68.49 | -69.12 |        |        |        |        |        |        | -59.78 | -21.25 | 38.53 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 3 | 10.77 | -69.33 | -69.57 | -69.04 |        |        |        |        |        | -53.77 | -21.25 | 32.52 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 3 | 7.76  | -69.08 | -69.28 | -69.48 |        |        |        |        |        | -56.75 | -21.25 | 35.50 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 3 | 6.00  | -69.32 | -69.82 | -69.26 |        |        |        |        |        | -58.69 | -21.25 | 37.44 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 4 | 12.02 | -68.90 | -69.33 | -68.43 | -68.75 |        |        |        |        | -50.80 | -21.25 | 29.55 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 4 | 9.01  | -69.52 | -69.06 | -68.77 | -69.11 |        |        |        |        | -54.08 | -21.25 | 32.83 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 4 | 7.25  | -69.24 | -69.35 | -69.13 | -68.64 |        |        |        |        | -55.81 | -21.25 | 34.56 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 4 | 6.00  | -68.91 | -68.64 | -68.83 | -69.41 |        |        |        |        | -56.92 | -21.25 | 35.67 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 6 | 13.78 | -69.19 | -69.25 | -69.57 | -69.63 | -69.02 | -69.14 |        |        | -47.73 | -21.25 | 26.48 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 6 | 10.77 | -68.32 | -68.81 | -69.16 | -69.48 | -69.51 | -69.41 |        |        | -50.54 | -21.25 | 29.29 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 6 | 9.01  | -69.71 | -68.75 | -69.17 | -68.61 | -68.18 | -67.87 |        |        | -51.88 | -21.25 | 30.63 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 6 | 7.76  | -69.45 | -69.06 | -69.27 | -68.47 | -67.38 | -69.60 |        |        | -53.26 | -21.25 | 32.01 |

|                                                         |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                | 6 | 6.79  | -69.72 | -69.28 | -69.07 | -69.42 | -69.62 | -68.57 |        |        | -54.69 | -21.25 | 33.44 |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                | 6 | 6.00  | -68.85 | -68.14 | -69.82 | -67.71 | -68.80 | -69.51 |        |        | -54.96 | -21.25 | 33.71 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 8 | 15.03 | -69.43 | -68.84 | -68.93 | -69.15 | -69.65 | -69.46 | -68.25 | -69.09 | -45.02 | -21.25 | 23.77 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 8 | 12.02 | -68.83 | -69.22 | -69.16 | -68.22 | -69.72 | -68.42 | -68.74 | -69.14 | -47.86 | -21.25 | 26.61 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 8 | 10.26 | -69.44 | -68.75 | -68.70 | -69.38 | -69.62 | -69.14 | -69.38 | -69.06 | -49.88 | -21.25 | 28.63 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 8 | 9.01  | -68.28 | -69.59 | -68.81 | -69.40 | -68.85 | -68.56 | -69.46 | -69.26 | -50.96 | -21.25 | 29.71 |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                | 8 | 8.04  | -69.08 | -68.67 | -68.85 | -68.09 | -69.26 | -69.12 | -68.89 | -69.60 | -51.86 | -21.25 | 30.61 |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                | 8 | 7.25  | -69.00 | -69.47 | -68.46 | -69.11 | -68.53 | -69.28 | -68.81 | -69.56 | -52.73 | -21.25 | 31.48 |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7-BF                | 8 | 6.58  | -69.19 | -68.67 | -69.45 | -69.20 | -68.61 | -69.04 | -69.11 | -68.76 | -53.38 | -21.25 | 32.13 |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8-BF                | 8 | 6.00  | -69.45 | -67.66 | -68.60 | -68.37 | -69.74 | -68.99 | -69.56 | -69.07 | -53.85 | -21.25 | 32.60 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 2 | 6.00  | -68.90 | -68.52 |        |        |        |        |        |        | -59.70 | -21.25 | 38.45 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 3 | 6.00  | -69.14 | -69.13 | -68.98 |        |        |        |        |        | -58.31 | -21.25 | 37.06 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 4 | 6.00  | -69.17 | -69.68 | -69.12 | -68.79 |        |        |        |        | -57.16 | -21.25 | 35.91 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 6 | 6.00  | -69.30 | -68.97 | -69.74 | -69.46 | -69.35 | -69.70 |        |        | -55.63 | -21.25 | 34.38 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 8 | 6.00  | -68.96 | -68.76 | -69.07 | -69.45 | -68.77 | -68.87 | -69.41 | -67.84 | -53.83 | -21.25 | 32.58 |

## 5180 MHz (Average):

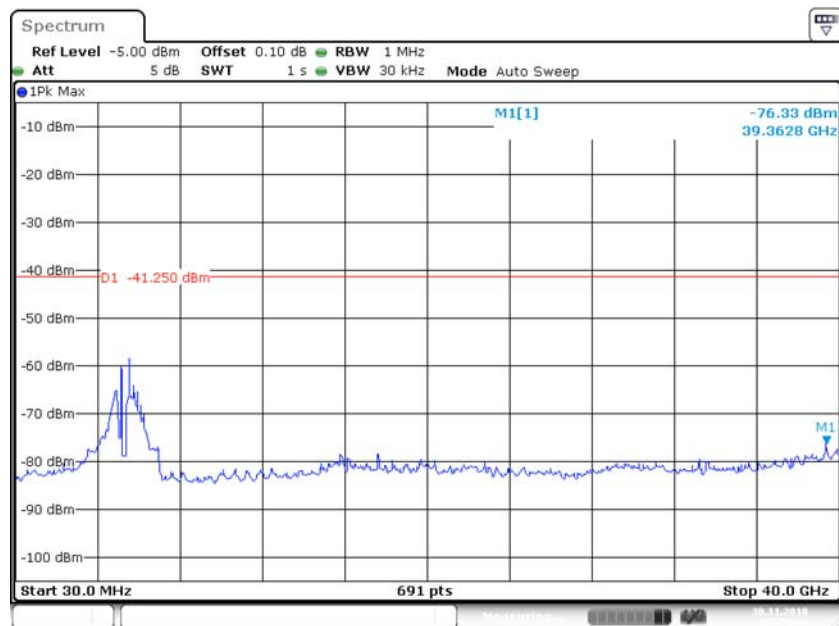
| Mode                                                 | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Tx 5 Spurious (dBm) | Tx 6 Spurious (dBm) | Tx 7 Spurious (dBm) | Tx 8 Spurious (dBm) | Total (dBm) | FCC Average Limit (dBm) | Margin (dB) |
|------------------------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------|-------------------------|-------------|
| non HT20, 6 to 54 Mbps                               | 1        | 6.00                          | -77.51              |                     |                     |                     |                     |                     |                     |                     | -71.51      | -41.25                  | 30.26       |
| non HT20, 6 to 54 Mbps                               | 2        | 6.00                          | -77.54              | -77.70              |                     |                     |                     |                     |                     |                     | -68.61      | -41.25                  | 27.36       |
| non HT20, 6 to 54 Mbps                               | 3        | 6.00                          | -77.66              | -77.77              | -77.49              |                     |                     |                     |                     |                     | -66.87      | -41.25                  | 25.62       |
| non HT20, 6 to 54 Mbps                               | 4        | 6.00                          | -77.96              | -77.34              | -76.93              | -77.25              |                     |                     |                     |                     | -65.34      | -41.25                  | 24.09       |
| non HT20, 6 to 54 Mbps                               | 6        | 9.00                          | -77.71              | -77.28              | -77.07              | -77.01              | -76.65              | -76.91              |                     |                     | -60.31      | -41.25                  | 19.06       |
| non HT20, 6 to 54 Mbps                               | 8        | 9.00                          | -77.05              | -77.67              | -77.09              | -77.40              | -77.08              | -77.10              | -77.39              | -77.42              | -59.24      | -41.25                  | 17.99       |
| non HT20, 6 to 54 Mbps-BF                            | 2        | 9.01                          | -77.46              | -77.20              |                     |                     |                     |                     |                     |                     | -65.31      | -41.25                  | 24.06       |
| non HT20, 6 to 54 Mbps-BF                            | 3        | 10.77                         | -77.56              | -77.56              | -77.30              |                     |                     |                     |                     |                     | -61.93      | -41.25                  | 20.68       |
| non HT20, 6 to 54 Mbps-BF                            | 4        | 12.02                         | -77.60              | -77.03              | -77.15              | -76.94              |                     |                     |                     |                     | -59.13      | -41.25                  | 17.88       |
| non HT20, 6 to 54 Mbps-BF                            | 6        | 13.78                         | -77.80              | -77.33              | -77.48              | -77.67              | -77.52              | -77.02              |                     |                     | -55.90      | -41.25                  | 14.65       |
| non HT20, 6 to 54 Mbps-BF                            | 8        | 15.03                         | -77.96              | -77.44              | -77.64              | -77.23              | -76.76              | -77.29              | -77.73              | -76.70              | -53.26      | -41.25                  | 12.01       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 1        | 6.00                          | -77.89              |                     |                     |                     |                     |                     |                     |                     | -71.89      | -41.25                  | 30.64       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 2        | 6.00                          | -77.27              | -76.67              |                     |                     |                     |                     |                     |                     | -67.95      | -41.25                  | 26.70       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 2        | 6.00                          | -76.89              | -77.61              |                     |                     |                     |                     |                     |                     | -68.23      | -41.25                  | 26.98       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 3        | 6.00                          | -77.80              | -77.68              | -76.70              |                     |                     |                     |                     |                     | -66.59      | -41.25                  | 25.34       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 3        | 6.00                          | -77.39              | -77.70              | -77.79              |                     |                     |                     |                     |                     | -66.85      | -41.25                  | 25.60       |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 3        | 6.00                          | -77.51              | -77.64              | -77.76              |                     |                     |                     |                     |                     | -66.87      | -41.25                  | 25.62       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 4        | 6.00                          | -77.75              | -77.27              | -77.35              | -77.38              |                     |                     |                     |                     | -65.41      | -41.25                  | 24.16       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 4        | 6.00                          | -77.52              | -77.53              | -77.25              | -77.83              |                     |                     |                     |                     | -65.51      | -41.25                  | 24.26       |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 4        | 6.00                          | -77.09              | -76.91              | -77.42              | -77.26              |                     |                     |                     |                     | -65.15      | -41.25                  | 23.90       |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4 | 4        | 6.00                          | -77.47              | -77.59              | -77.17              | -77.57              |                     |                     |                     |                     | -65.42      | -41.25                  | 24.17       |

|                                                         |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1      | 6 | 9.00  | -78.01 | -78.29 | -77.58 | -77.27 | -77.51 | -77.42 |        |        | -60.88 | -41.25 | 19.63 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2     | 6 | 8.39  | -77.50 | -77.78 | -77.27 | -77.67 | -76.98 | -77.16 |        |        | -61.21 | -41.25 | 19.96 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3    | 6 | 7.51  | -77.61 | -77.35 | -77.27 | -77.31 | -76.82 | -76.60 |        |        | -61.85 | -41.25 | 20.60 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4    | 6 | 6.88  | -77.73 | -77.24 | -77.50 | -77.33 | -77.36 | -77.66 |        |        | -62.80 | -41.25 | 21.55 |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                   | 6 | 6.40  | -77.37 | -76.91 | -77.43 | -77.58 | -77.45 | -77.62 |        |        | -63.21 | -41.25 | 21.96 |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                   | 6 | 6.00  | -77.31 | -77.30 | -76.97 | -77.28 | -77.19 | -77.40 |        |        | -63.46 | -41.25 | 22.21 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1      | 8 | 9.00  | -78.88 | -77.61 | -77.26 | -77.40 | -77.34 | -77.39 | -77.56 | -77.27 | -59.53 | -41.25 | 18.28 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2     | 8 | 9.00  | -77.79 | -77.20 | -76.56 | -77.68 | -77.20 | -77.69 | -77.12 | -77.50 | -59.29 | -41.25 | 18.04 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3    | 8 | 8.13  | -77.89 | -77.10 | -77.35 | -77.36 | -77.09 | -77.30 | -77.36 | -77.10 | -60.15 | -41.25 | 18.90 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4    | 8 | 7.51  | -77.79 | -77.66 | -77.59 | -77.29 | -77.25 | -77.54 | -77.48 | -77.31 | -60.94 | -41.25 | 19.69 |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                   | 8 | 7.02  | -77.51 | -77.42 | -77.65 | -76.88 | -77.30 | -76.90 | -77.25 | -77.70 | -61.27 | -41.25 | 20.02 |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                   | 8 | 6.62  | -77.95 | -77.06 | -77.43 | -77.08 | -77.44 | -76.88 | -77.17 | -77.69 | -61.67 | -41.25 | 20.42 |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7                   | 8 | 6.29  | -77.21 | -77.44 | -77.80 | -77.61 | -77.50 | -76.71 | -76.97 | -77.57 | -62.02 | -41.25 | 20.77 |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8                   | 8 | 6.00  | -77.97 | -76.92 | -77.33 | -77.32 | -77.23 | -77.50 | -77.82 | -77.47 | -62.40 | -41.25 | 21.15 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 2 | 9.01  | -77.56 | -76.88 |        |        |        |        |        |        | -65.19 | -41.25 | 23.94 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 2 | 6.00  | -77.11 | -77.56 |        |        |        |        |        |        | -68.32 | -41.25 | 27.07 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 3 | 10.77 | -78.20 | -77.31 | -77.74 |        |        |        |        |        | -62.19 | -41.25 | 20.94 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 3 | 7.76  | -78.22 | -77.04 | -77.06 |        |        |        |        |        | -64.88 | -41.25 | 23.63 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 3 | 6.00  | -77.24 | -77.69 | -77.53 |        |        |        |        |        | -66.71 | -41.25 | 25.46 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 4 | 12.02 | -77.72 | -77.40 | -77.71 | -77.27 |        |        |        |        | -59.48 | -41.25 | 18.23 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 4 | 9.01  | -77.70 | -77.45 | -77.42 | -77.34 |        |        |        |        | -62.44 | -41.25 | 21.19 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 4 | 7.25  | -77.58 | -77.23 | -77.27 | -77.19 |        |        |        |        | -64.04 | -41.25 | 22.79 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 4 | 6.00  | -77.89 | -77.46 | -77.78 | -77.63 |        |        |        |        | -65.67 | -41.25 | 24.42 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 6 | 13.78 | -77.39 | -77.49 | -77.38 | -77.43 | -77.28 | -76.77 |        |        | -55.72 | -41.25 | 14.47 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 6 | 10.77 | -77.86 | -77.56 | -77.62 | -77.73 | -77.23 | -77.07 |        |        | -58.95 | -41.25 | 17.70 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 6 | 9.01  | -77.97 | -77.58 | -77.07 | -77.26 | -77.02 | -77.35 |        |        | -60.57 | -41.25 | 19.32 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 6 | 7.76  | -77.89 | -76.89 | -77.45 | -76.76 | -77.41 | -77.58 |        |        | -61.77 | -41.25 | 20.52 |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                | 6 | 6.79  | -77.25 | -76.57 | -77.63 | -77.57 | -77.22 | -77.43 |        |        | -62.69 | -41.25 | 21.44 |

|                                                              |          |              |               |               |               |               |               |               |               |               |               |               |              |
|--------------------------------------------------------------|----------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                     | 6        | 6.00         | -77.25        | -77.57        | -77.34        | -77.75        | -77.63        | -77.18        |               |               | -63.67        | -41.25        | 22.42        |
| <b>HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF</b> | <b>8</b> | <b>15.03</b> | <b>-76.33</b> | <b>-77.00</b> | <b>-77.19</b> | <b>-77.71</b> | <b>-76.83</b> | <b>-77.57</b> | <b>-77.17</b> | <b>-77.63</b> | <b>-53.10</b> | <b>-41.25</b> | <b>11.85</b> |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF       | 8        | 12.02        | -77.43        | -77.34        | -77.23        | -77.40        | -77.89        | -77.29        | -77.62        | -77.21        | -56.37        | -41.25        | 15.12        |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF      | 8        | 10.26        | -77.25        | -77.41        | -76.96        | -77.36        | -77.03        | -77.53        | -77.15        | -77.57        | -57.99        | -41.25        | 16.74        |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF      | 8        | 9.01         | -77.72        | -77.42        | -77.37        | -77.10        | -77.47        | -77.04        | -77.65        | -77.45        | -59.35        | -41.25        | 18.10        |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                     | 8        | 8.04         | -76.92        | -77.46        | -77.32        | -78.07        | -77.79        | -77.66        | -77.23        | -77.41        | -60.40        | -41.25        | 19.15        |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                     | 8        | 7.25         | -77.41        | -77.23        | -77.49        | -77.33        | -77.78        | -77.41        | -77.21        | -77.00        | -61.07        | -41.25        | 19.82        |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7-BF                     | 8        | 6.58         | -77.39        | -77.30        | -77.45        | -77.58        | -77.49        | -77.39        | -77.49        | -77.37        | -61.82        | -41.25        | 20.57        |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8-BF                     | 8        | 6.00         | -77.21        | -77.47        | -76.55        | -77.27        | -77.67        | -77.01        | -77.36        | -77.61        | -62.23        | -41.25        | 20.98        |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC              | 2        | 6.00         | -77.54        | -77.42        |               |               |               |               |               |               | -68.47        | -41.25        | 27.22        |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC              | 3        | 6.00         | -76.30        | -77.42        | -77.72        |               |               |               |               |               | -66.33        | -41.25        | 25.08        |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC              | 4        | 6.00         | -77.40        | -77.33        | -77.56        | -76.36        |               |               |               |               | -65.11        | -41.25        | 23.86        |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC              | 6        | 6.00         | -76.46        | -77.32        | -77.37        | -77.58        | -77.64        | -77.43        |               |               | -63.50        | -41.25        | 22.25        |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC              | 8        | 6.00         | -76.53        | -77.76        | -77.51        | -77.44        | -77.32        | -77.08        | -76.94        | -77.41        | -62.20        | -41.25        | 20.95        |

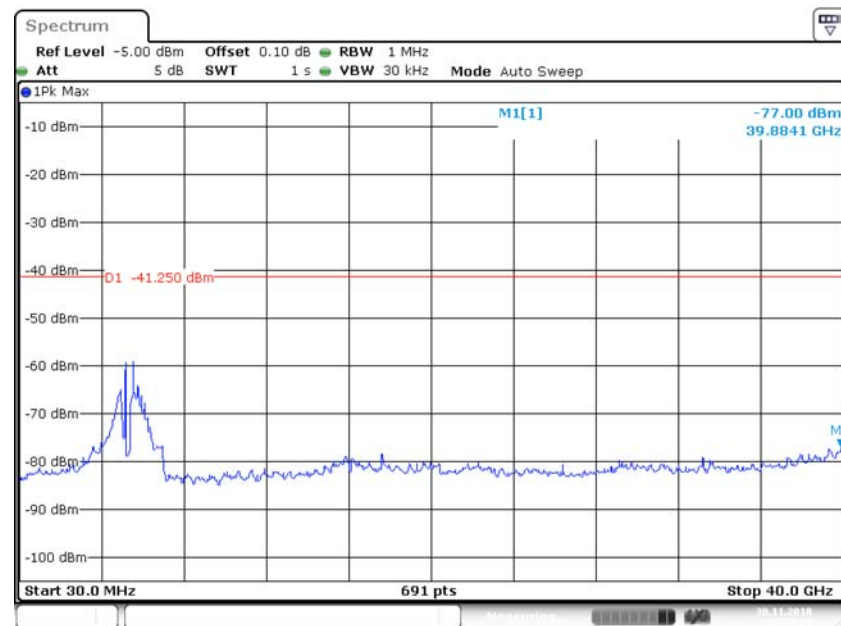
Please refer to the following plots for the worst case configuration

Ant-a



Date: 30.NOV.2018 23:01:05

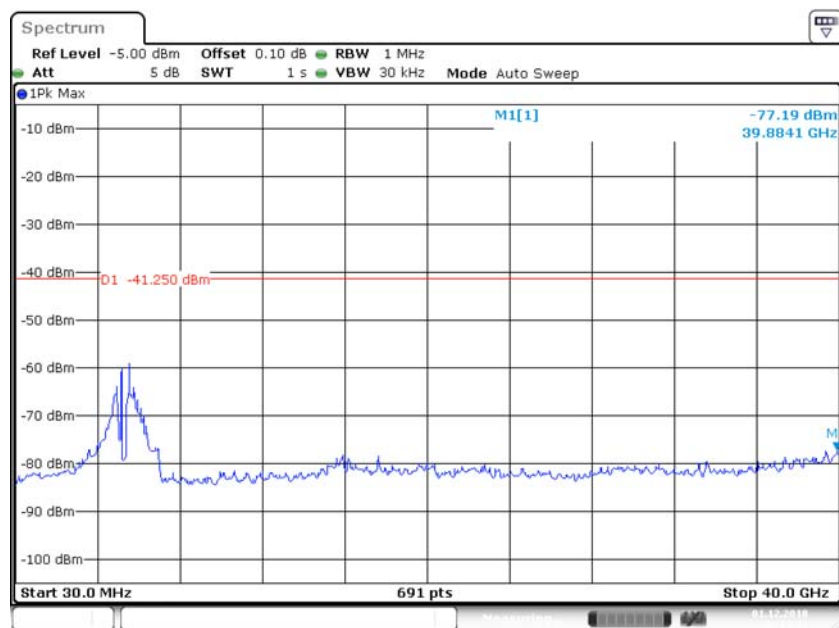
Ant-b



Date: 30.NOV.2018 23:39:09

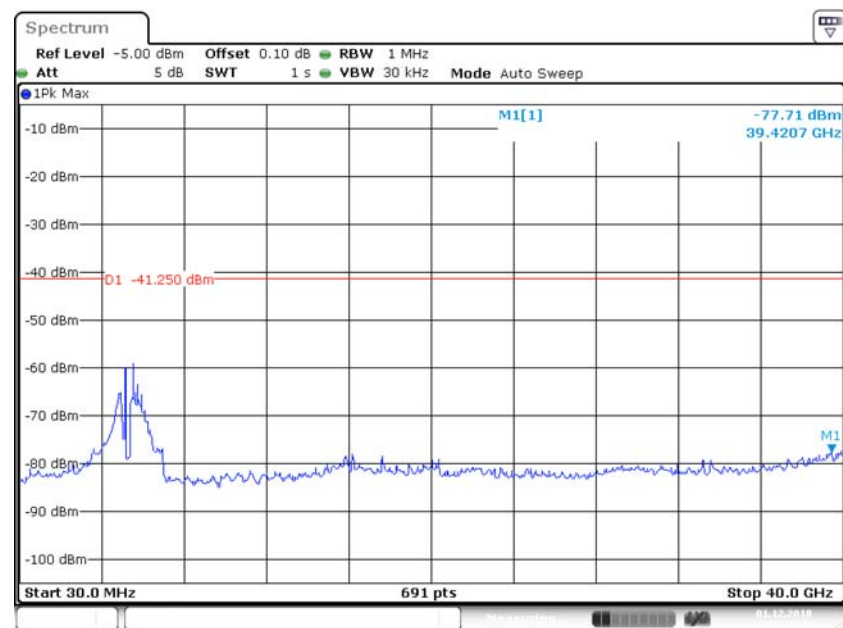


Ant-c



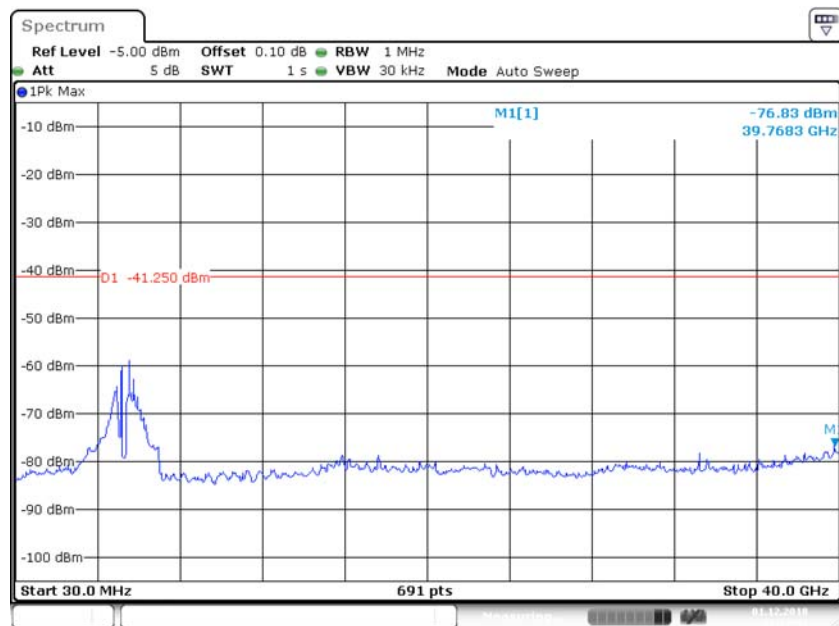
Date: 1.DEC.2018 00:14:43

Ant-d



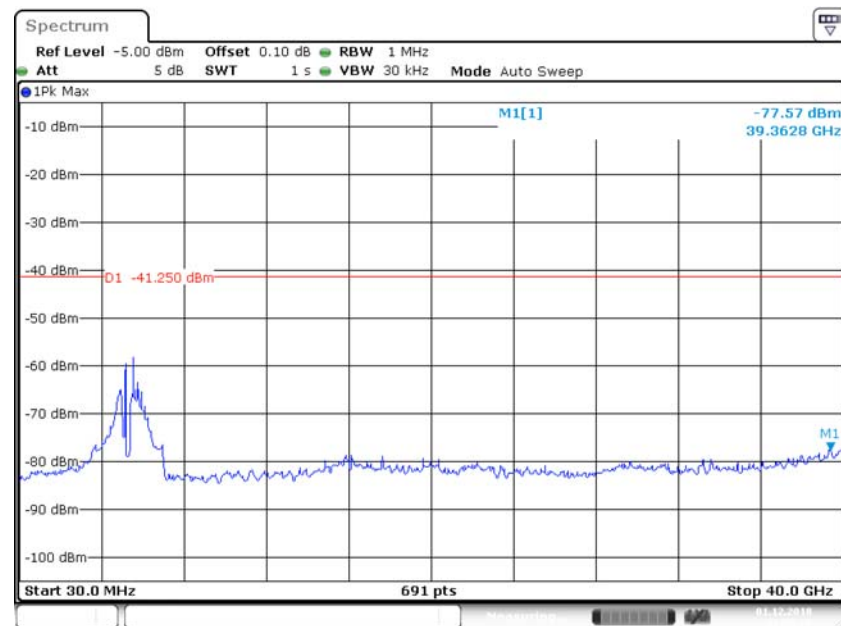
Date: 1.DEC.2018 00:46:31

Ant-e



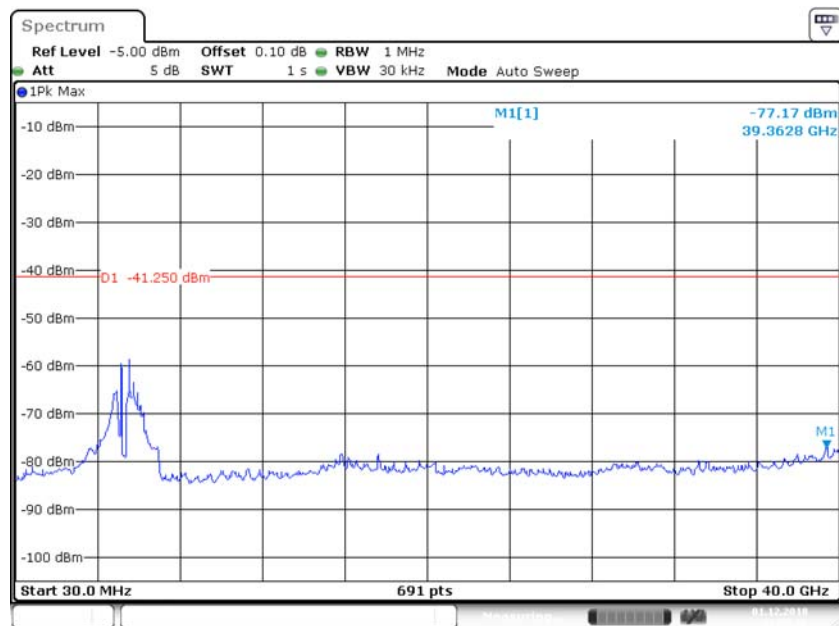
Date: 1.DEC.2018 01:13:43

Ant-f



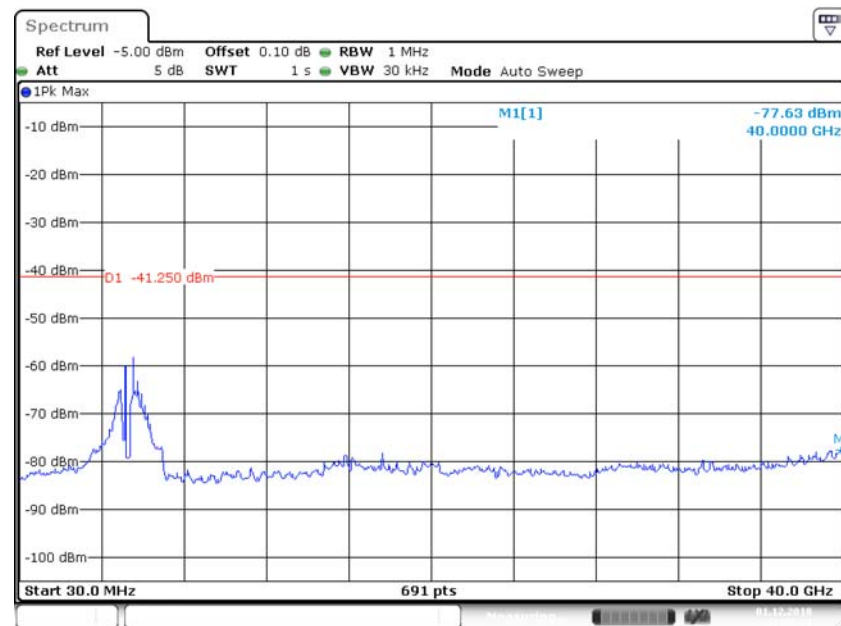
Date: 1.DEC.2018 01:35:28

Ant-g



Date: 1.DEC.2018 01:50:57

Ant-h



Date: 1.DEC.2018 01:59:19

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                          | -68.87              |                     |                     |                     |                     |                     |                     |                     | -62.87      | -21.25               | 41.62       |
| non HT20, 6 to 54 Mbps                               | 2        | 6.00                          | -69.27              | -69.59              |                     |                     |                     |                     |                     |                     | -60.42      | -21.25               | 39.17       |
| non HT20, 6 to 54 Mbps                               | 3        | 6.00                          | -69.17              | -69.76              | -68.78              |                     |                     |                     |                     |                     | -58.45      | -21.25               | 37.20       |
| non HT20, 6 to 54 Mbps                               | 4        | 6.00                          | -69.26              | -69.08              | -69.04              | -69.86              |                     |                     |                     |                     | -57.28      | -21.25               | 36.03       |
| non HT20, 6 to 54 Mbps                               | 6        | 9.00                          | -68.67              | -69.34              | -68.79              | -69.31              | -69.08              | -68.78              |                     |                     | -52.21      | -21.25               | 30.96       |
| non HT20, 6 to 54 Mbps                               | 8        | 9.00                          | -69.07              | -69.25              | -69.04              | -69.92              | -69.10              | -69.26              | -69.19              | -69.93              | -51.30      | -21.25               | 30.05       |
| non HT20, 6 to 54 Mbps-BF                            | 2        | 9.01                          | -69.33              | -69.27              |                     |                     |                     |                     |                     |                     | -57.28      | -21.25               | 36.03       |
| non HT20, 6 to 54 Mbps-BF                            | 3        | 10.77                         | -69.28              | -69.40              | -68.97              |                     |                     |                     |                     |                     | -53.67      | -21.25               | 32.42       |
| non HT20, 6 to 54 Mbps-BF                            | 4        | 12.02                         | -68.65              | -69.11              | -69.37              | -68.27              |                     |                     |                     |                     | -50.79      | -21.25               | 29.54       |
| non HT20, 6 to 54 Mbps-BF                            | 6        | 13.78                         | -68.98              | -69.12              | -69.04              | -69.52              | -69.61              | -68.81              |                     |                     | -47.61      | -21.25               | 26.36       |
| non HT20, 6 to 54 Mbps-BF                            | 8        | 15.03                         | -68.86              | -68.81              | -69.13              | -69.09              | -69.39              | -68.66              | -69.00              | -69.44              | -44.98      | -21.25               | 23.73       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 1        | 6.00                          | -68.88              |                     |                     |                     |                     |                     |                     |                     | -62.88      | -21.25               | 41.63       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 2        | 6.00                          | -68.65              | -70.02              |                     |                     |                     |                     |                     |                     | -60.27      | -21.25               | 39.02       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 2        | 6.00                          | -68.89              | -68.69              |                     |                     |                     |                     |                     |                     | -59.78      | -21.25               | 38.53       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 3        | 6.00                          | -69.29              | -68.87              | -69.02              |                     |                     |                     |                     |                     | -58.28      | -21.25               | 37.03       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 3        | 6.00                          | -68.94              | -68.60              | -69.05              |                     |                     |                     |                     |                     | -58.09      | -21.25               | 36.84       |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 3        | 6.00                          | -68.36              | -69.54              | -69.22              |                     |                     |                     |                     |                     | -58.24      | -21.25               | 36.99       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 4        | 6.00                          | -68.40              | -69.63              | -69.02              | -69.40              |                     |                     |                     |                     | -57.07      | -21.25               | 35.82       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 4        | 6.00                          | -69.19              | -69.97              | -68.94              | -69.36              |                     |                     |                     |                     | -57.33      | -21.25               | 36.08       |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 4        | 6.00                          | -69.67              | -69.41              | -68.25              | -69.55              |                     |                     |                     |                     | -57.16      | -21.25               | 35.91       |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4 | 4        | 6.00                          | -69.08              | -69.32              | -68.95              | -68.65              |                     |                     |                     |                     | -56.97      | -21.25               | 35.72       |

|                                                         |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1      | 6 | 9.00  | -68.88 | -68.91 | -69.59 | -69.06 | -69.32 | -68.93 |        |        | -52.32 | -21.25 | 31.07 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2     | 6 | 8.39  | -69.30 | -68.68 | -69.19 | -69.60 | -67.90 | -69.56 |        |        | -52.82 | -21.25 | 31.57 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3    | 6 | 7.51  | -69.49 | -69.22 | -69.32 | -69.30 | -69.05 | -69.46 |        |        | -54.01 | -21.25 | 32.76 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4    | 6 | 6.88  | -68.49 | -69.27 | -69.32 | -68.43 | -68.57 | -69.19 |        |        | -54.20 | -21.25 | 32.95 |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                   | 6 | 6.40  | -69.33 | -69.18 | -69.51 | -69.48 | -69.73 | -68.55 |        |        | -55.10 | -21.25 | 33.85 |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                   | 6 | 6.00  | -69.64 | -69.12 | -68.92 | -69.56 | -69.10 | -68.85 |        |        | -55.41 | -21.25 | 34.16 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1      | 8 | 9.00  | -69.63 | -68.06 | -69.12 | -69.36 | -67.67 | -69.13 | -68.43 | -68.13 | -50.61 | -21.25 | 29.36 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2     | 8 | 9.00  | -69.26 | -68.45 | -68.98 | -69.64 | -69.19 | -69.60 | -68.97 | -69.28 | -51.13 | -21.25 | 29.88 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3    | 8 | 8.13  | -68.97 | -69.28 | -69.70 | -68.91 | -69.21 | -69.50 | -69.35 | -69.16 | -52.09 | -21.25 | 30.84 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4    | 8 | 7.51  | -69.63 | -69.47 | -69.38 | -69.34 | -69.18 | -68.85 | -69.64 | -69.24 | -52.79 | -21.25 | 31.54 |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                   | 8 | 7.02  | -69.20 | -69.59 | -69.23 | -69.17 | -68.70 | -69.00 | -69.66 | -69.62 | -53.21 | -21.25 | 31.96 |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                   | 8 | 6.62  | -68.75 | -68.84 | -69.29 | -69.43 | -69.13 | -68.88 | -69.29 | -68.89 | -53.41 | -21.25 | 32.16 |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7                   | 8 | 6.29  | -68.68 | -69.33 | -69.27 | -69.54 | -68.96 | -68.67 | -69.73 | -67.55 | -53.60 | -21.25 | 32.35 |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8                   | 8 | 6.00  | -69.25 | -69.03 | -69.49 | -68.94 | -69.36 | -69.06 | -69.12 | -68.94 | -54.11 | -21.25 | 32.86 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 2 | 9.01  | -69.79 | -69.49 |        |        |        |        |        |        | -57.61 | -21.25 | 36.36 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 2 | 6.00  | -68.45 | -69.03 |        |        |        |        |        |        | -59.72 | -21.25 | 38.47 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 3 | 10.77 | -68.24 | -69.26 | -67.89 |        |        |        |        |        | -52.88 | -21.25 | 31.63 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 3 | 7.76  | -69.54 | -68.75 | -69.94 |        |        |        |        |        | -56.85 | -21.25 | 35.60 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 3 | 6.00  | -69.31 | -69.46 | -68.89 |        |        |        |        |        | -58.44 | -21.25 | 37.19 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 4 | 12.02 | -69.27 | -68.52 | -68.63 | -68.76 |        |        |        |        | -50.75 | -21.25 | 29.50 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 4 | 9.01  | -69.08 | -69.49 | -69.56 | -69.51 |        |        |        |        | -54.37 | -21.25 | 33.12 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 4 | 7.25  | -69.57 | -68.61 | -69.09 | -68.76 |        |        |        |        | -55.72 | -21.25 | 34.47 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 4 | 6.00  | -69.69 | -69.65 | -68.82 | -68.92 |        |        |        |        | -57.23 | -21.25 | 35.98 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 6 | 13.78 | -69.25 | -68.81 | -69.11 | -68.52 | -69.14 | -68.90 |        |        | -47.38 | -21.25 | 26.13 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 6 | 10.77 | -69.25 | -69.47 | -69.01 | -69.17 | -69.11 | -68.82 |        |        | -50.58 | -21.25 | 29.33 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 6 | 9.01  | -69.47 | -68.78 | -69.21 | -69.33 | -69.38 | -68.84 |        |        | -52.37 | -21.25 | 31.12 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 6 | 7.76  | -69.08 | -68.77 | -69.16 | -68.41 | -68.89 | -68.92 |        |        | -53.32 | -21.25 | 32.07 |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                | 6 | 6.79  | -68.62 | -68.70 | -69.36 | -69.25 | -68.35 | -69.57 |        |        | -54.38 | -21.25 | 33.13 |

|                                                         |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                | 6 | 6.00  | -68.70 | -69.17 | -69.21 | -68.72 | -68.13 | -69.11 |        |        | -55.04 | -21.25 | 33.79 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 8 | 15.03 | -69.68 | -68.86 | -69.25 | -69.46 | -68.90 | -69.24 | -68.59 | -68.72 | -45.01 | -21.25 | 23.76 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 8 | 12.02 | -69.63 | -68.76 | -69.63 | -69.25 | -69.25 | -69.30 | -69.62 | -68.96 | -48.24 | -21.25 | 26.99 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 8 | 10.26 | -69.60 | -68.83 | -69.48 | -68.61 | -69.44 | -68.76 | -69.68 | -69.41 | -49.92 | -21.25 | 28.67 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 8 | 9.01  | -69.49 | -68.97 | -69.00 | -68.96 | -69.65 | -68.69 | -68.07 | -69.15 | -50.93 | -21.25 | 29.68 |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                | 8 | 8.04  | -69.13 | -68.32 | -68.84 | -68.94 | -69.19 | -69.82 | -68.89 | -68.31 | -51.84 | -21.25 | 30.59 |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                | 8 | 7.25  | -69.01 | -69.07 | -69.05 | -69.45 | -68.24 | -69.20 | -68.75 | -69.30 | -52.71 | -21.25 | 31.46 |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7-BF                | 8 | 6.58  | -69.25 | -68.70 | -68.45 | -68.28 | -69.03 | -69.16 | -68.73 | -69.04 | -53.21 | -21.25 | 31.96 |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8-BF                | 8 | 6.00  | -68.99 | -68.92 | -69.65 | -69.04 | -69.48 | -69.51 | -69.53 | -69.02 | -54.23 | -21.25 | 32.98 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 2 | 6.00  | -69.77 | -69.67 |        |        |        |        |        |        | -60.71 | -21.25 | 39.46 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 3 | 6.00  | -68.56 | -67.95 | -68.56 |        |        |        |        |        | -57.58 | -21.25 | 36.33 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 4 | 6.00  | -69.60 | -69.36 | -69.54 | -69.19 |        |        |        |        | -57.40 | -21.25 | 36.15 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 6 | 6.00  | -69.08 | -69.25 | -69.60 | -69.35 | -69.18 | -68.91 |        |        | -55.44 | -21.25 | 34.19 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 8 | 6.00  | -68.62 | -68.40 | -69.00 | -68.94 | -69.01 | -69.19 | -69.01 | -69.61 | -53.93 | -21.25 | 32.68 |

## 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                          | -77.45              |                     |                     |                     |                     |                     |                     |                     | -71.45      | -41.25                  | 30.20       |
| non HT20, 6 to 54 Mbps                               | 2        | 6.00                          | -77.31              | -77.35              |                     |                     |                     |                     |                     |                     | -68.32      | -41.25                  | 27.07       |
| non HT20, 6 to 54 Mbps                               | 3        | 6.00                          | -77.44              | -77.22              | -77.43              |                     |                     |                     |                     |                     | -66.59      | -41.25                  | 25.34       |
| non HT20, 6 to 54 Mbps                               | 4        | 6.00                          | -77.00              | -77.61              | -77.53              | -77.25              |                     |                     |                     |                     | -65.32      | -41.25                  | 24.07       |
| non HT20, 6 to 54 Mbps                               | 6        | 9.00                          | -77.01              | -77.70              | -77.61              | -77.70              | -77.49              | -77.40              |                     |                     | -60.70      | -41.25                  | 19.45       |
| non HT20, 6 to 54 Mbps                               | 8        | 9.00                          | -76.75              | -77.51              | -77.22              | -77.36              | -77.20              | -77.42              | -77.48              | -77.59              | -59.28      | -41.25                  | 18.03       |
| non HT20, 6 to 54 Mbps-BF                            | 2        | 9.01                          | -77.82              | -77.42              |                     |                     |                     |                     |                     |                     | -65.60      | -41.25                  | 24.35       |
| non HT20, 6 to 54 Mbps-BF                            | 3        | 10.77                         | -76.88              | -77.48              | -77.58              |                     |                     |                     |                     |                     | -61.76      | -41.25                  | 20.51       |
| non HT20, 6 to 54 Mbps-BF                            | 4        | 12.02                         | -77.04              | -77.52              | -77.66              | -77.80              |                     |                     |                     |                     | -59.46      | -41.25                  | 18.21       |
| non HT20, 6 to 54 Mbps-BF                            | 6        | 13.78                         | -77.73              | -77.46              | -77.13              | -77.43              | -76.97              | -77.31              |                     |                     | -55.77      | -41.25                  | 14.52       |
| non HT20, 6 to 54 Mbps-BF                            | 8        | 15.03                         | -77.13              | -77.35              | -77.55              | -78.05              | -77.14              | -77.33              | -77.18              | -77.19              | -53.29      | -41.25                  | 12.04       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 1        | 6.00                          | -77.25              |                     |                     |                     |                     |                     |                     |                     | -71.25      | -41.25                  | 30.00       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 2        | 6.00                          | -77.49              | -77.17              |                     |                     |                     |                     |                     |                     | -68.31      | -41.25                  | 27.06       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 2        | 6.00                          | -76.93              | -77.73              |                     |                     |                     |                     |                     |                     | -68.30      | -41.25                  | 27.05       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 3        | 6.00                          | -77.42              | -76.99              | -77.17              |                     |                     |                     |                     |                     | -66.42      | -41.25                  | 25.17       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 3        | 6.00                          | -77.93              | -77.48              | -77.87              |                     |                     |                     |                     |                     | -66.98      | -41.25                  | 25.73       |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 3        | 6.00                          | -77.31              | -77.82              | -77.04              |                     |                     |                     |                     |                     | -66.60      | -41.25                  | 25.35       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 4        | 6.00                          | -77.56              | -77.43              | -77.44              | -77.79              |                     |                     |                     |                     | -65.53      | -41.25                  | 24.28       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 4        | 6.00                          | -77.64              | -77.50              | -77.13              | -77.20              |                     |                     |                     |                     | -65.34      | -41.25                  | 24.09       |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 4        | 6.00                          | -77.06              | -77.40              | -77.93              | -77.43              |                     |                     |                     |                     | -65.42      | -41.25                  | 24.17       |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4 | 4        | 6.00                          | -77.46              | -77.55              | -77.53              | -77.84              |                     |                     |                     |                     | -65.57      | -41.25                  | 24.32       |

|                                                         |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1      | 6 | 9.00  | -77.32 | -77.21 | -76.91 | -77.67 | -77.57 | -77.37 |        |        | -60.55 | -41.25 | 19.30 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2     | 6 | 8.39  | -77.26 | -77.46 | -77.05 | -77.64 | -77.27 | -77.58 |        |        | -61.20 | -41.25 | 19.95 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3    | 6 | 7.51  | -77.61 | -77.46 | -77.83 | -77.67 | -77.41 | -77.52 |        |        | -62.29 | -41.25 | 21.04 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4    | 6 | 6.88  | -77.64 | -77.50 | -76.78 | -77.48 | -77.00 | -77.03 |        |        | -62.57 | -41.25 | 21.32 |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                   | 6 | 6.40  | -77.37 | -77.29 | -77.73 | -77.66 | -77.74 | -77.15 |        |        | -63.30 | -41.25 | 22.05 |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                   | 6 | 6.00  | -77.28 | -77.01 | -77.43 | -77.85 | -76.65 | -77.32 |        |        | -63.46 | -41.25 | 22.21 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1      | 8 | 9.00  | -77.52 | -77.12 | -76.86 | -77.45 | -77.29 | -77.43 | -77.30 | -77.63 | -59.29 | -41.25 | 18.04 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2     | 8 | 9.00  | -77.18 | -77.92 | -77.70 | -77.38 | -77.80 | -77.48 | -77.41 | -77.66 | -59.53 | -41.25 | 18.28 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3    | 8 | 8.13  | -76.88 | -77.14 | -77.81 | -77.52 | -77.73 | -77.54 | -77.36 | -77.53 | -60.27 | -41.25 | 19.02 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4    | 8 | 7.51  | -77.54 | -77.07 | -77.78 | -77.66 | -77.01 | -77.54 | -77.52 | -77.76 | -60.93 | -41.25 | 19.68 |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                   | 8 | 7.02  | -77.26 | -77.34 | -77.27 | -77.72 | -77.74 | -77.74 | -77.83 | -77.65 | -61.51 | -41.25 | 20.26 |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                   | 8 | 6.62  | -77.74 | -77.30 | -76.98 | -77.25 | -77.18 | -77.38 | -77.61 | -77.84 | -61.75 | -41.25 | 20.50 |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7                   | 8 | 6.29  | -76.84 | -77.38 | -77.09 | -77.58 | -77.47 | -77.83 | -77.61 | -77.40 | -62.07 | -41.25 | 20.82 |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8                   | 8 | 6.00  | -77.36 | -77.42 | -77.11 | -77.62 | -77.60 | -76.88 | -77.29 | -77.67 | -62.33 | -41.25 | 21.08 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 2 | 9.01  | -77.39 | -77.72 |        |        |        |        |        |        | -65.53 | -41.25 | 24.28 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 2 | 6.00  | -77.47 | -77.46 |        |        |        |        |        |        | -68.45 | -41.25 | 27.20 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 3 | 10.77 | -76.62 | -77.14 | -77.15 |        |        |        |        |        | -61.42 | -41.25 | 20.17 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 3 | 7.76  | -76.93 | -77.57 | -76.89 |        |        |        |        |        | -64.59 | -41.25 | 23.34 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 3 | 6.00  | -77.74 | -77.47 | -77.01 |        |        |        |        |        | -66.63 | -41.25 | 25.38 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 4 | 12.02 | -77.24 | -77.39 | -76.99 | -77.45 |        |        |        |        | -59.22 | -41.25 | 17.97 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 4 | 9.01  | -77.51 | -77.15 | -77.64 | -77.76 |        |        |        |        | -62.48 | -41.25 | 21.23 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 4 | 7.25  | -77.33 | -77.60 | -77.89 | -77.81 |        |        |        |        | -64.38 | -41.25 | 23.13 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 4 | 6.00  | -77.34 | -77.65 | -77.37 | -77.47 |        |        |        |        | -65.44 | -41.25 | 24.19 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 6 | 13.78 | -77.48 | -77.59 | -77.91 | -77.62 | -77.74 | -77.73 |        |        | -56.11 | -41.25 | 14.86 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 6 | 10.77 | -77.36 | -76.38 | -77.11 | -77.81 | -77.17 | -77.57 |        |        | -58.66 | -41.25 | 17.41 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 6 | 9.01  | -76.82 | -77.59 | -77.06 | -77.04 | -77.55 | -77.24 |        |        | -60.41 | -41.25 | 19.16 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 6 | 7.76  | -77.57 | -77.40 | -77.20 | -77.13 | -77.41 | -76.61 |        |        | -61.67 | -41.25 | 20.42 |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                | 6 | 6.79  | -77.34 | -77.62 | -77.58 | -77.54 | -77.40 | -77.57 |        |        | -62.94 | -41.25 | 21.69 |



|                                                         |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                | 6 | 6.00  | -77.51 | -77.22 | -77.50 | -77.21 | -77.52 | -77.32 |        |        | -63.60 | -41.25 | 22.35 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 8 | 15.03 | -77.51 | -77.15 | -77.18 | -77.07 | -77.69 | -77.54 | -77.51 | -76.92 | -53.25 | -41.25 | 12.00 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 8 | 12.02 | -77.53 | -77.29 | -77.67 | -77.04 | -77.70 | -77.46 | -77.85 | -77.35 | -56.43 | -41.25 | 15.18 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 8 | 10.26 | -77.10 | -77.71 | -77.32 | -77.09 | -77.33 | -77.67 | -77.75 | -77.24 | -58.10 | -41.25 | 16.85 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 8 | 9.01  | -76.71 | -77.47 | -77.23 | -77.64 | -77.13 | -77.29 | -77.82 | -77.78 | -59.33 | -41.25 | 18.08 |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                | 8 | 8.04  | -77.52 | -77.28 | -77.29 | -77.41 | -77.48 | -77.03 | -77.61 | -77.58 | -60.32 | -41.25 | 19.07 |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                | 8 | 7.25  | -77.56 | -77.63 | -76.92 | -77.34 | -77.25 | -77.67 | -77.63 | -77.42 | -61.14 | -41.25 | 19.89 |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7-BF                | 8 | 6.58  | -77.16 | -77.51 | -76.51 | -77.30 | -77.31 | -77.56 | -77.30 | -76.99 | -61.58 | -41.25 | 20.33 |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8-BF                | 8 | 6.00  | -77.25 | -77.05 | -77.13 | -77.11 | -77.32 | -77.32 | -77.23 | -77.51 | -62.21 | -41.25 | 20.96 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 2 | 6.00  | -77.39 | -77.31 |        |        |        |        |        |        | -68.34 | -41.25 | 27.09 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 3 | 6.00  | -77.39 | -76.62 | -77.55 |        |        |        |        |        | -66.39 | -41.25 | 25.14 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 4 | 6.00  | -77.39 | -77.55 | -77.58 | -77.89 |        |        |        |        | -65.58 | -41.25 | 24.33 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 6 | 6.00  | -77.64 | -77.56 | -77.51 | -77.45 | -77.04 | -77.10 |        |        | -63.59 | -41.25 | 22.34 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 8 | 6.00  | -77.40 | -77.75 | -77.25 | -77.52 | -77.29 | -77.37 | -77.74 | -77.44 | -62.43 | -41.25 | 21.18 |

5240 MHz (Peak):

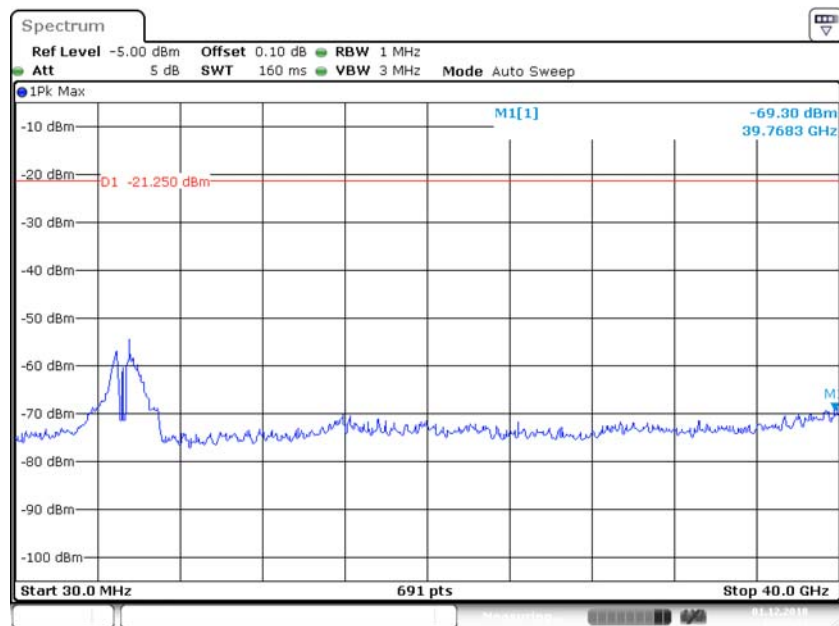
| Mode                                                 | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Tx 5 Spurious (dBm) | Tx 6 Spurious (dBm) | Tx 7 Spurious (dBm) | Tx 8 Spurious (dBm) | Total (dBm) | FCC Peak Limit (dBm) | Margin (dB) |
|------------------------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------|----------------------|-------------|
| non HT20, 6 to 54 Mbps                               | 1        | 6.00                          | -69.71              |                     |                     |                     |                     |                     |                     |                     | -63.71      | -21.25               | 42.46       |
| non HT20, 6 to 54 Mbps                               | 2        | 6.00                          | -68.62              | -69.69              |                     |                     |                     |                     |                     |                     | -60.11      | -21.25               | 38.86       |
| non HT20, 6 to 54 Mbps                               | 3        | 6.00                          | -69.12              | -69.44              | -68.77              |                     |                     |                     |                     |                     | -58.33      | -21.25               | 37.08       |
| non HT20, 6 to 54 Mbps                               | 4        | 6.00                          | -69.24              | -68.83              | -69.37              | -68.85              |                     |                     |                     |                     | -57.05      | -21.25               | 35.80       |
| non HT20, 6 to 54 Mbps                               | 6        | 9.00                          | -69.59              | -69.37              | -68.88              | -69.62              | -69.02              | -69.74              |                     |                     | -52.58      | -21.25               | 31.33       |
| non HT20, 6 to 54 Mbps                               | 8        | 9.00                          | -69.45              | -68.77              | -69.65              | -67.74              | -69.55              | -68.74              | -69.04              | -69.64              | -51.00      | -21.25               | 29.75       |
| non HT20, 6 to 54 Mbps-BF                            | 2        | 9.01                          | -68.99              | -68.14              |                     |                     |                     |                     |                     |                     | -56.52      | -21.25               | 35.27       |
| non HT20, 6 to 54 Mbps-BF                            | 3        | 10.77                         | -69.41              | -69.76              | -68.91              |                     |                     |                     |                     |                     | -53.81      | -21.25               | 32.56       |
| non HT20, 6 to 54 Mbps-BF                            | 4        | 12.02                         | -68.57              | -69.33              | -69.28              | -69.26              |                     |                     |                     |                     | -51.06      | -21.25               | 29.81       |
| non HT20, 6 to 54 Mbps-BF                            | 6        | 13.78                         | -67.96              | -69.57              | -69.30              | -69.43              | -69.33              | -68.60              |                     |                     | -47.43      | -21.25               | 26.18       |
| non HT20, 6 to 54 Mbps-BF                            | 8        | 15.03                         | -69.48              | -68.75              | -69.16              | -69.26              | -69.07              | -69.39              | -69.63              | -69.30              | -45.19      | -21.25               | 23.94       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 1        | 6.00                          | -69.20              |                     |                     |                     |                     |                     |                     |                     | -63.20      | -21.25               | 41.95       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 2        | 6.00                          | -69.10              | -69.86              |                     |                     |                     |                     |                     |                     | -60.45      | -21.25               | 39.20       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 2        | 6.00                          | -69.56              | -69.54              |                     |                     |                     |                     |                     |                     | -60.54      | -21.25               | 39.29       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 3        | 6.00                          | -69.34              | -68.83              | -69.70              |                     |                     |                     |                     |                     | -58.51      | -21.25               | 37.26       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 3        | 6.00                          | -68.68              | -69.44              | -68.78              |                     |                     |                     |                     |                     | -58.18      | -21.25               | 36.93       |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 3        | 6.00                          | -69.56              | -69.38              | -68.94              |                     |                     |                     |                     |                     | -58.52      | -21.25               | 37.27       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 4        | 6.00                          | -68.97              | -69.05              | -68.29              | -69.56              |                     |                     |                     |                     | -56.93      | -21.25               | 35.68       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 4        | 6.00                          | -69.06              | -69.29              | -69.05              | -67.96              |                     |                     |                     |                     | -56.79      | -21.25               | 35.54       |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 4        | 6.00                          | -69.44              | -69.57              | -67.57              | -69.30              |                     |                     |                     |                     | -56.87      | -21.25               | 35.62       |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4 | 4        | 6.00                          | -69.22              | -69.37              | -69.14              | -69.30              |                     |                     |                     |                     | -57.23      | -21.25               | 35.98       |

|                                                         |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1      | 6 | 9.00  | -69.29 | -69.53 | -69.49 | -69.64 | -69.27 | -68.75 |        |        | -52.54 | -21.25 | 31.29 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2     | 6 | 8.39  | -69.31 | -69.15 | -68.90 | -68.48 | -68.80 | -68.90 |        |        | -52.74 | -21.25 | 31.49 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3    | 6 | 7.51  | -69.27 | -68.29 | -69.38 | -69.42 | -69.22 | -69.40 |        |        | -53.85 | -21.25 | 32.60 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4    | 6 | 6.88  | -69.62 | -68.05 | -69.57 | -68.85 | -69.25 | -69.56 |        |        | -54.45 | -21.25 | 33.20 |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                   | 6 | 6.40  | -69.32 | -68.94 | -69.69 | -68.35 | -68.35 | -69.84 |        |        | -54.86 | -21.25 | 33.61 |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                   | 6 | 6.00  | -69.37 | -69.47 | -68.79 | -69.35 | -69.05 | -69.37 |        |        | -55.44 | -21.25 | 34.19 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1      | 8 | 9.00  | -68.52 | -69.51 | -69.24 | -69.42 | -69.27 | -69.23 | -69.00 | -69.54 | -51.17 | -21.25 | 29.92 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2     | 8 | 9.00  | -68.32 | -68.48 | -68.54 | -68.28 | -68.46 | -69.60 | -68.75 | -68.46 | -50.56 | -21.25 | 29.31 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3    | 8 | 8.13  | -69.90 | -69.52 | -68.68 | -69.57 | -69.66 | -69.09 | -69.03 | -69.41 | -52.18 | -21.25 | 30.93 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4    | 8 | 7.51  | -69.20 | -69.49 | -69.21 | -69.60 | -69.61 | -67.77 | -69.30 | -69.43 | -52.62 | -21.25 | 31.37 |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                   | 8 | 7.02  | -69.10 | -68.94 | -69.22 | -69.65 | -69.06 | -69.53 | -68.52 | -68.46 | -52.99 | -21.25 | 31.74 |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                   | 8 | 6.62  | -69.64 | -69.09 | -68.97 | -69.14 | -68.77 | -69.24 | -69.93 | -69.52 | -53.62 | -21.25 | 32.37 |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7                   | 8 | 6.29  | -69.47 | -69.41 | -67.41 | -68.57 | -68.94 | -69.28 | -69.50 | -69.02 | -53.57 | -21.25 | 32.32 |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8                   | 8 | 6.00  | -69.11 | -69.40 | -69.55 | -69.25 | -69.46 | -69.60 | -68.62 | -69.38 | -54.26 | -21.25 | 33.01 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 2 | 9.01  | -69.54 | -69.32 |        |        |        |        |        |        | -57.40 | -21.25 | 36.15 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 2 | 6.00  | -68.88 | -68.95 |        |        |        |        |        |        | -59.90 | -21.25 | 38.65 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 3 | 10.77 | -68.36 | -69.90 | -68.83 |        |        |        |        |        | -53.44 | -21.25 | 32.19 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 3 | 7.76  | -68.39 | -68.41 | -69.28 |        |        |        |        |        | -56.14 | -21.25 | 34.89 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 3 | 6.00  | -68.99 | -69.17 | -68.91 |        |        |        |        |        | -58.25 | -21.25 | 37.00 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 4 | 12.02 | -68.72 | -69.74 | -69.13 | -69.06 |        |        |        |        | -51.10 | -21.25 | 29.85 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 4 | 9.01  | -68.91 | -68.88 | -69.15 | -69.28 |        |        |        |        | -54.02 | -21.25 | 32.77 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 4 | 7.25  | -68.38 | -68.83 | -69.37 | -69.54 |        |        |        |        | -55.74 | -21.25 | 34.49 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 4 | 6.00  | -69.67 | -69.45 | -68.77 | -68.72 |        |        |        |        | -57.11 | -21.25 | 35.86 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 6 | 13.78 | -69.62 | -69.22 | -69.26 | -68.69 | -68.98 | -69.49 |        |        | -47.64 | -21.25 | 26.39 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 6 | 10.77 | -69.52 | -69.40 | -68.50 | -69.28 | -69.41 | -67.95 |        |        | -50.42 | -21.25 | 29.17 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 6 | 9.01  | -68.69 | -69.16 | -68.83 | -69.31 | -68.86 | -69.27 |        |        | -52.22 | -21.25 | 30.97 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 6 | 7.76  | -69.44 | -68.63 | -69.14 | -68.39 | -68.62 | -69.07 |        |        | -53.32 | -21.25 | 32.07 |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                | 6 | 6.79  | -68.57 | -68.96 | -68.21 | -69.06 | -68.28 | -69.36 |        |        | -54.15 | -21.25 | 32.90 |

|                                                              |          |              |               |               |               |               |               |               |               |               |               |               |              |
|--------------------------------------------------------------|----------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                     | 6        | 6.00         | -68.90        | -69.19        | -69.58        | -68.96        | -67.89        | -69.45        |               |               | -55.18        | -21.25        | 33.93        |
| <b>HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF</b> | <b>8</b> | <b>15.03</b> | <b>-69.30</b> | <b>-69.03</b> | <b>-68.65</b> | <b>-69.03</b> | <b>-68.83</b> | <b>-69.24</b> | <b>-69.02</b> | <b>-68.75</b> | <b>-44.91</b> | <b>-21.25</b> | <b>23.66</b> |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF       | 8        | 12.02        | -68.66        | -69.64        | -68.95        | -68.82        | -69.35        | -68.78        | -68.57        | -69.75        | -47.99        | -21.25        | 26.74        |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF      | 8        | 10.26        | -69.71        | -68.50        | -69.06        | -69.58        | -68.34        | -68.92        | -68.95        | -69.24        | -49.72        | -21.25        | 28.47        |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF      | 8        | 9.01         | -68.81        | -69.40        | -69.59        | -69.14        | -69.02        | -68.87        | -69.14        | -69.29        | -51.11        | -21.25        | 29.86        |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                     | 8        | 8.04         | -69.38        | -69.37        | -68.49        | -69.44        | -68.80        | -69.56        | -68.83        | -69.58        | -52.09        | -21.25        | 30.84        |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                     | 8        | 7.25         | -69.61        | -69.00        | -68.74        | -68.76        | -69.51        | -69.60        | -69.14        | -68.99        | -52.87        | -21.25        | 31.62        |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7-BF                     | 8        | 6.58         | -68.93        | -69.10        | -68.99        | -68.90        | -69.28        | -68.87        | -69.07        | -69.55        | -53.47        | -21.25        | 32.22        |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8-BF                     | 8        | 6.00         | -69.42        | -69.36        | -68.66        | -69.31        | -69.35        | -68.56        | -69.09        | -69.32        | -54.09        | -21.25        | 32.84        |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC              | 2        | 6.00         | -68.41        | -69.70        |               |               |               |               |               |               | -60.00        | -21.25        | 38.75        |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC              | 3        | 6.00         | -68.68        | -68.93        | -68.70        |               |               |               |               |               | -58.00        | -21.25        | 36.75        |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC              | 4        | 6.00         | -69.62        | -68.68        | -68.90        | -68.18        |               |               |               |               | -56.79        | -21.25        | 35.54        |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC              | 6        | 6.00         | -69.58        | -69.42        | -68.52        | -69.46        | -68.95        | -69.19        |               |               | -55.39        | -21.25        | 34.14        |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC              | 8        | 6.00         | -68.98        | -69.60        | -69.35        | -67.88        | -68.94        | -69.58        | -69.38        | -69.21        | -54.05        | -21.25        | 32.80        |

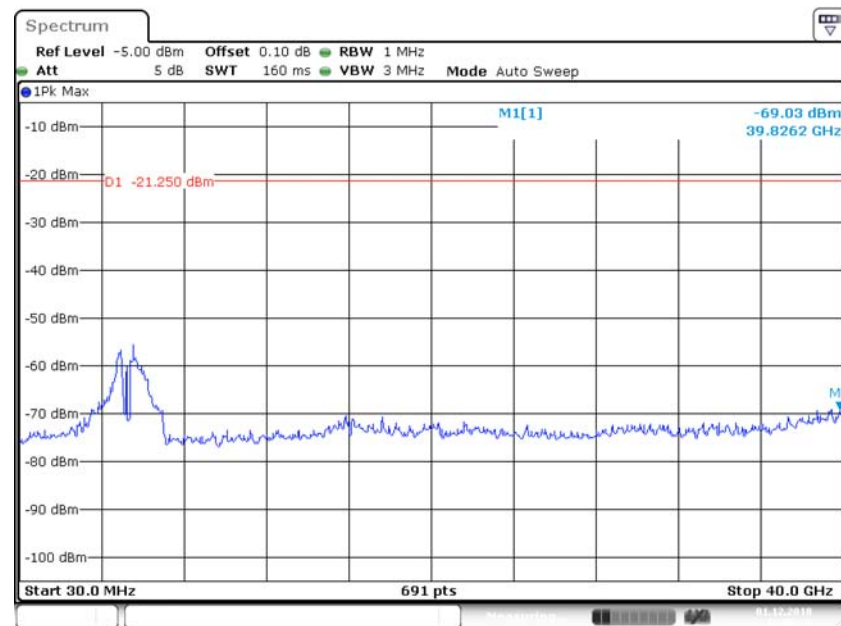
Please refer to the following plots for the worst case configuration

Ant-a



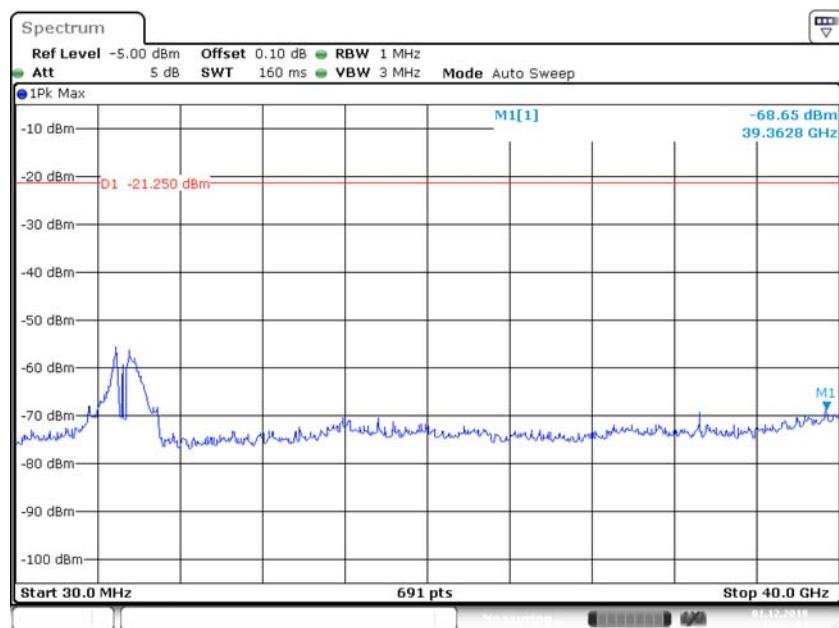
Date: 1.DEC.2018 12:22:52

Ant-b



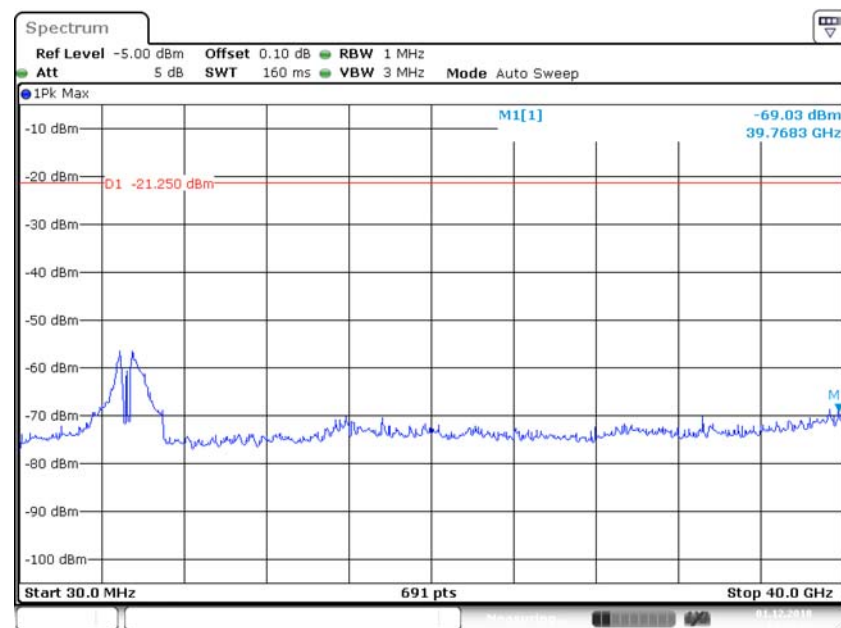
Date: 1.DEC.2018 13:06:21

Ant-c



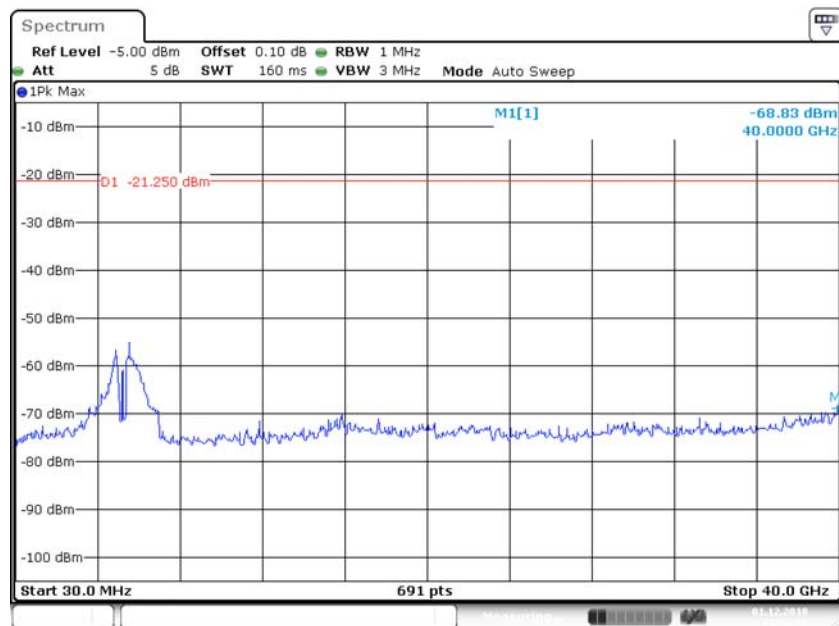
Date: 1.DEC.2018 13:47:01

Ant-d



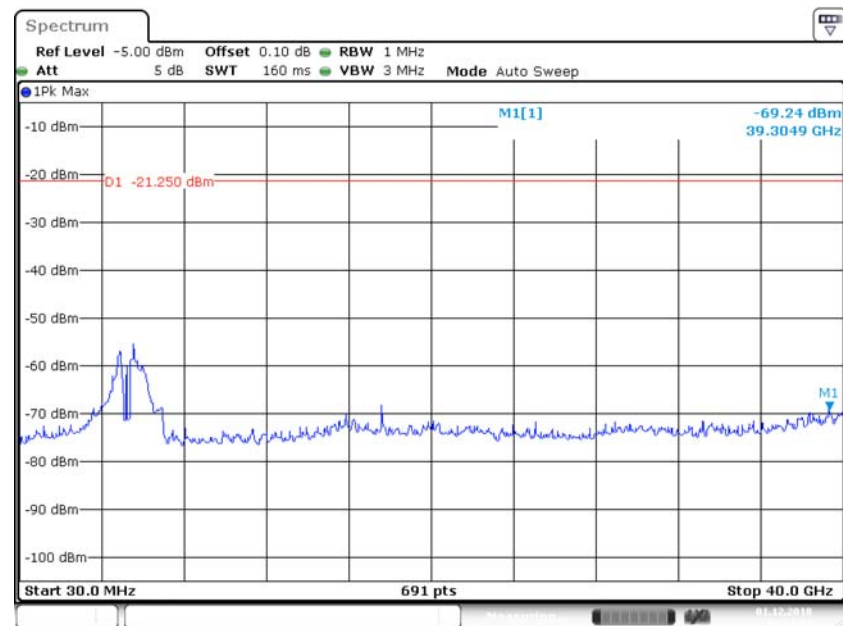
Date: 1.DEC.2018 14:23:22

Ant-e



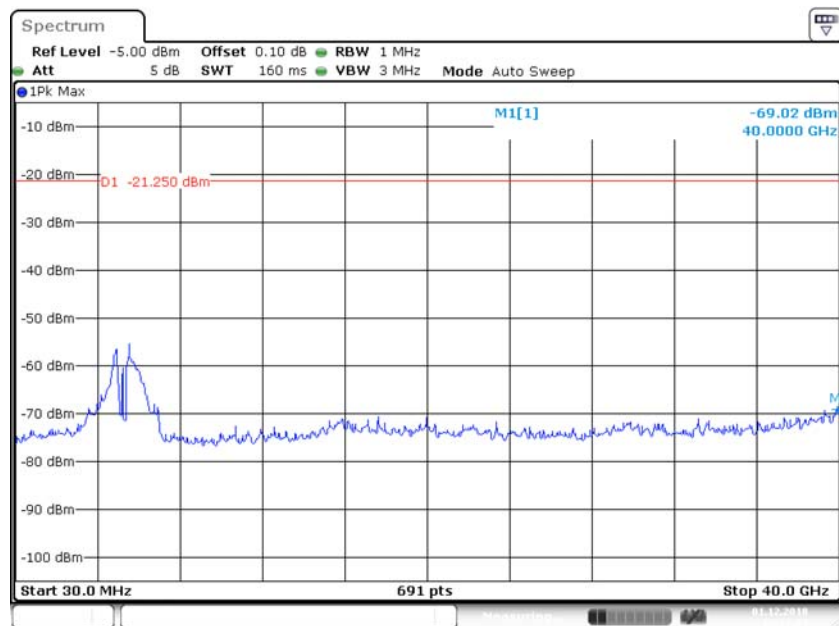
Date: 1.DEC.2018 14:54:28

Ant-f



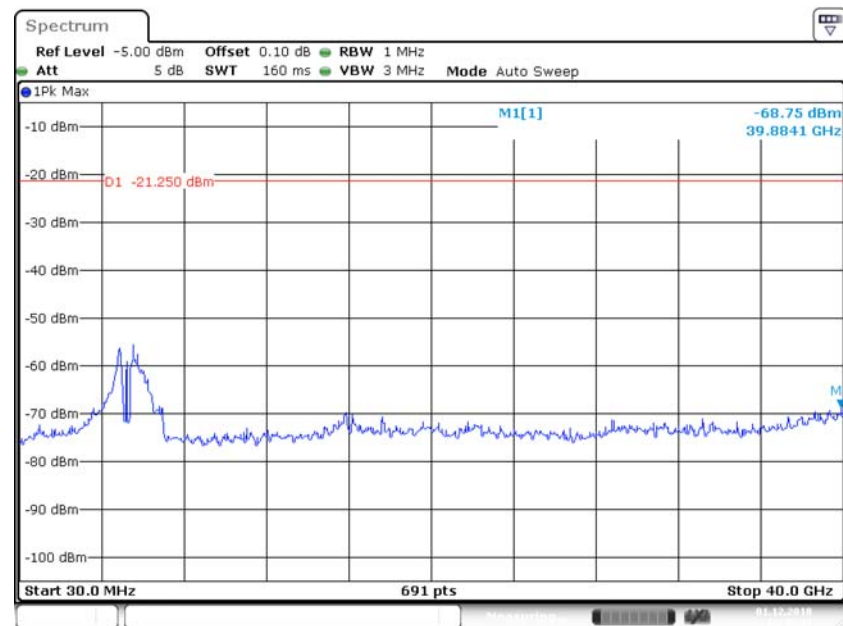
Date: 1.DEC.2018 15:19:21

Ant-g



Date: 1.DEC.2018 15:37:03

Ant-h



Date: 1.DEC.2018 15:46:37



## 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                          | -77.02              |                     |                     |                     |                     |                     |                     |                     | -71.02      | -41.25                  | 29.77       |
| non HT20, 6 to 54 Mbps                               | 2        | 6.00                          | -77.59              | -77.50              |                     |                     |                     |                     |                     |                     | -68.53      | -41.25                  | 27.28       |
| non HT20, 6 to 54 Mbps                               | 3        | 6.00                          | -77.47              | -76.74              | -77.47              |                     |                     |                     |                     |                     | -66.44      | -41.25                  | 25.19       |
| non HT20, 6 to 54 Mbps                               | 4        | 6.00                          | -77.64              | -77.37              | -77.31              | -77.56              |                     |                     |                     |                     | -65.45      | -41.25                  | 24.20       |
| non HT20, 6 to 54 Mbps                               | 6        | 9.00                          | -77.46              | -76.90              | -77.35              | -77.75              | -77.44              | -77.20              |                     |                     | -60.56      | -41.25                  | 19.31       |
| non HT20, 6 to 54 Mbps                               | 8        | 9.00                          | -77.62              | -77.17              | -77.59              | -76.61              | -77.23              | -77.31              | -76.88              | -77.56              | -59.20      | -41.25                  | 17.95       |
| non HT20, 6 to 54 Mbps-BF                            | 2        | 9.01                          | -77.66              | -77.39              |                     |                     |                     |                     |                     |                     | -65.50      | -41.25                  | 24.25       |
| non HT20, 6 to 54 Mbps-BF                            | 3        | 10.77                         | -77.63              | -77.53              | -77.51              |                     |                     |                     |                     |                     | -62.02      | -41.25                  | 20.77       |
| non HT20, 6 to 54 Mbps-BF                            | 4        | 12.02                         | -76.99              | -77.34              | -77.45              | -77.49              |                     |                     |                     |                     | -59.27      | -41.25                  | 18.02       |
| non HT20, 6 to 54 Mbps-BF                            | 6        | 13.78                         | -77.47              | -76.99              | -77.35              | -77.34              | -77.04              | -77.42              |                     |                     | -55.70      | -41.25                  | 14.45       |
| non HT20, 6 to 54 Mbps-BF                            | 8        | 15.03                         | -77.42              | -77.66              | -77.56              | -77.74              | -77.32              | -77.19              | -77.75              | -77.54              | -53.46      | -41.25                  | 12.21       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 1        | 6.00                          | -77.31              |                     |                     |                     |                     |                     |                     |                     | -71.31      | -41.25                  | 30.06       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 2        | 6.00                          | -77.14              | -77.27              |                     |                     |                     |                     |                     |                     | -68.19      | -41.25                  | 26.94       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 2        | 6.00                          | -77.50              | -77.44              |                     |                     |                     |                     |                     |                     | -68.46      | -41.25                  | 27.21       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 3        | 6.00                          | -77.46              | -77.11              | -77.05              |                     |                     |                     |                     |                     | -66.43      | -41.25                  | 25.18       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 3        | 6.00                          | -77.35              | -77.35              | -77.25              |                     |                     |                     |                     |                     | -66.54      | -41.25                  | 25.29       |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 3        | 6.00                          | -77.24              | -77.08              | -77.05              |                     |                     |                     |                     |                     | -66.35      | -41.25                  | 25.10       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 4        | 6.00                          | -77.58              | -77.03              | -77.45              | -77.38              |                     |                     |                     |                     | -65.33      | -41.25                  | 24.08       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 4        | 6.00                          | -77.61              | -77.30              | -77.06              | -77.44              |                     |                     |                     |                     | -65.33      | -41.25                  | 24.08       |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 4        | 6.00                          | -77.19              | -77.35              | -77.66              | -77.17              |                     |                     |                     |                     | -65.32      | -41.25                  | 24.07       |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4 | 4        | 6.00                          | -77.16              | -77.67              | -77.46              | -77.89              |                     |                     |                     |                     | -65.52      | -41.25                  | 24.27       |

|                                                         |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1      | 6 | 9.00  | -77.52 | -76.99 | -77.32 | -77.38 | -77.39 | -76.52 |        |        | -60.39 | -41.25 | 19.14 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2     | 6 | 8.39  | -77.29 | -77.37 | -77.16 | -77.07 | -77.16 | -77.00 |        |        | -61.00 | -41.25 | 19.75 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3    | 6 | 7.51  | -77.70 | -77.42 | -76.85 | -77.23 | -77.56 | -77.13 |        |        | -62.01 | -41.25 | 20.76 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4    | 6 | 6.88  | -77.41 | -77.55 | -77.57 | -77.31 | -78.04 | -77.24 |        |        | -62.85 | -41.25 | 21.60 |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                   | 6 | 6.40  | -77.18 | -77.43 | -77.67 | -77.28 | -77.64 | -77.86 |        |        | -63.32 | -41.25 | 22.07 |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                   | 6 | 6.00  | -77.44 | -77.89 | -77.01 | -76.78 | -77.76 | -77.72 |        |        | -63.63 | -41.25 | 22.38 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1      | 8 | 9.00  | -76.96 | -77.61 | -77.53 | -77.15 | -77.26 | -77.07 | -77.09 | -77.60 | -59.25 | -41.25 | 18.00 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2     | 8 | 9.00  | -77.59 | -77.15 | -77.38 | -78.05 | -77.10 | -77.69 | -77.37 | -77.35 | -59.42 | -41.25 | 18.17 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3    | 8 | 8.13  | -77.47 | -77.69 | -77.41 | -77.81 | -77.45 | -77.43 | -77.00 | -77.50 | -60.30 | -41.25 | 19.05 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4    | 8 | 7.51  | -77.68 | -77.71 | -77.71 | -77.48 | -78.01 | -77.48 | -77.63 | -77.36 | -61.09 | -41.25 | 19.84 |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                   | 8 | 7.02  | -77.11 | -77.23 | -77.16 | -77.44 | -77.52 | -77.62 | -77.22 | -77.29 | -61.27 | -41.25 | 20.02 |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                   | 8 | 6.62  | -77.44 | -77.39 | -77.44 | -77.40 | -76.95 | -77.14 | -76.98 | -76.95 | -61.55 | -41.25 | 20.30 |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7                   | 8 | 6.29  | -77.25 | -77.20 | -77.75 | -77.33 | -76.97 | -77.55 | -77.16 | -77.24 | -61.98 | -41.25 | 20.73 |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8                   | 8 | 6.00  | -76.45 | -77.09 | -77.45 | -76.88 | -77.55 | -77.42 | -76.95 | -77.84 | -62.15 | -41.25 | 20.90 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 2 | 9.01  | -76.84 | -77.82 |        |        |        |        |        |        | -65.28 | -41.25 | 24.03 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 2 | 6.00  | -77.52 | -77.85 |        |        |        |        |        |        | -68.67 | -41.25 | 27.42 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 3 | 10.77 | -77.14 | -76.91 | -76.92 |        |        |        |        |        | -61.45 | -41.25 | 20.20 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 3 | 7.76  | -77.44 | -77.42 | -77.33 |        |        |        |        |        | -64.86 | -41.25 | 23.61 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 3 | 6.00  | -77.95 | -77.39 | -77.05 |        |        |        |        |        | -66.67 | -41.25 | 25.42 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 4 | 12.02 | -77.48 | -77.14 | -77.95 | -77.47 |        |        |        |        | -59.46 | -41.25 | 18.21 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 4 | 9.01  | -77.01 | -77.03 | -77.48 | -76.94 |        |        |        |        | -62.08 | -41.25 | 20.83 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 4 | 7.25  | -77.58 | -77.71 | -77.04 | -77.59 |        |        |        |        | -64.20 | -41.25 | 22.95 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 4 | 6.00  | -76.77 | -77.07 | -77.42 | -77.13 |        |        |        |        | -65.07 | -41.25 | 23.82 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 6 | 13.78 | -77.30 | -77.81 | -77.83 | -77.17 | -77.38 | -77.67 |        |        | -55.96 | -41.25 | 14.71 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 6 | 10.77 | -77.05 | -77.08 | -77.33 | -77.58 | -77.22 | -77.87 |        |        | -58.79 | -41.25 | 17.54 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 6 | 9.01  | -77.52 | -76.95 | -77.49 | -77.29 | -77.23 | -77.32 |        |        | -60.50 | -41.25 | 19.25 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 6 | 7.76  | -77.67 | -77.72 | -77.55 | -77.34 | -77.34 | -77.52 |        |        | -61.98 | -41.25 | 20.73 |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                | 6 | 6.79  | -77.45 | -77.75 | -76.82 | -77.43 | -77.58 | -77.11 |        |        | -62.77 | -41.25 | 21.52 |

|                                                         |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                | 6 | 6.00  | -77.56 | -77.64 | -76.85 | -77.58 | -76.96 | -78.11 |        |        | -63.65 | -41.25 | 22.40 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 8 | 15.03 | -77.30 | -76.74 | -77.14 | -77.23 | -77.04 | -77.19 | -77.31 | -77.59 | -53.12 | -41.25 | 11.87 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 8 | 12.02 | -77.29 | -76.89 | -77.74 | -77.43 | -77.21 | -77.35 | -77.01 | -77.08 | -56.19 | -41.25 | 14.94 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 8 | 10.26 | -77.61 | -77.02 | -77.59 | -77.30 | -77.47 | -77.37 | -77.33 | -77.52 | -58.10 | -41.25 | 16.85 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 8 | 9.01  | -77.53 | -76.97 | -77.25 | -77.61 | -77.73 | -77.95 | -77.54 | -77.03 | -59.40 | -41.25 | 18.15 |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                | 8 | 8.04  | -77.05 | -77.69 | -77.28 | -77.05 | -77.26 | -77.71 | -77.57 | -77.38 | -60.30 | -41.25 | 19.05 |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                | 8 | 7.25  | -77.09 | -77.53 | -77.21 | -77.54 | -77.55 | -76.81 | -77.55 | -77.39 | -61.05 | -41.25 | 19.80 |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7-BF                | 8 | 6.58  | -77.32 | -77.27 | -76.97 | -77.60 | -77.37 | -77.51 | -77.57 | -77.39 | -61.76 | -41.25 | 20.51 |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8-BF                | 8 | 6.00  | -77.63 | -77.61 | -77.47 | -77.53 | -77.44 | -77.46 | -77.32 | -77.50 | -62.46 | -41.25 | 21.21 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 2 | 6.00  | -77.07 | -77.51 |        |        |        |        |        |        | -68.27 | -41.25 | 27.02 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 3 | 6.00  | -77.09 | -77.40 | -76.80 |        |        |        |        |        | -66.32 | -41.25 | 25.07 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 4 | 6.00  | -76.55 | -77.73 | -77.20 | -77.47 |        |        |        |        | -65.19 | -41.25 | 23.94 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 6 | 6.00  | -77.41 | -77.76 | -76.50 | -76.87 | -77.23 | -77.41 |        |        | -63.39 | -41.25 | 22.14 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 8 | 6.00  | -76.84 | -77.58 | -76.98 | -77.49 | -77.97 | -77.67 | -77.69 | -77.51 | -62.42 | -41.25 | 21.17 |

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) |
|------------------------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------|----------------------|-------------|
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 1        | 6.00                          | -69.40              |                     |                     |                     |                     |                     |                     |                     | -63.40      | -21.25               | 42.15       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 2        | 6.00                          | -69.10              | -68.05              |                     |                     |                     |                     |                     |                     | -59.53      | -21.25               | 38.28       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 2        | 6.00                          | -69.00              | -68.70              |                     |                     |                     |                     |                     |                     | -59.84      | -21.25               | 38.59       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 3        | 6.00                          | -68.92              | -69.44              | -69.15              |                     |                     |                     |                     |                     | -58.39      | -21.25               | 37.14       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 3        | 6.00                          | -69.09              | -68.53              | -69.13              |                     |                     |                     |                     |                     | -58.14      | -21.25               | 36.89       |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 3        | 6.00                          | -68.42              | -68.41              | -68.95              |                     |                     |                     |                     |                     | -57.81      | -21.25               | 36.56       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 4        | 6.00                          | -68.70              | -69.29              | -68.51              | -68.90              |                     |                     |                     |                     | -56.82      | -21.25               | 35.57       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 4        | 6.00                          | -68.83              | -68.93              | -68.88              | -69.20              |                     |                     |                     |                     | -56.94      | -21.25               | 35.69       |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 4        | 6.00                          | -68.99              | -68.80              | -68.38              | -69.21              |                     |                     |                     |                     | -56.81      | -21.25               | 35.56       |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 4        | 6.00                          | -68.67              | -68.97              | -69.07              | -69.63              |                     |                     |                     |                     | -57.05      | -21.25               | 35.80       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 6        | 6.00                          | -68.86              | -69.17              | -69.27              | -68.95              | -68.87              | -69.36              |                     |                     | -55.29      | -21.25               | 34.04       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 6        | 6.00                          | -69.36              | -69.10              | -69.12              | -68.06              | -68.28              | -69.16              |                     |                     | -55.04      | -21.25               | 33.79       |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 6        | 6.00                          | -68.71              | -69.26              | -68.94              | -69.61              | -68.39              | -69.40              |                     |                     | -55.25      | -21.25               | 34.00       |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 6        | 6.00                          | -69.42              | -69.00              | -69.04              | -68.67              | -68.79              | -69.28              |                     |                     | -55.24      | -21.25               | 33.99       |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5                | 6        | 6.00                          | -69.16              | -68.73              | -68.97              | -68.34              | -68.67              | -68.79              |                     |                     | -54.99      | -21.25               | 33.74       |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6                | 6        | 6.00                          | -68.17              | -68.37              | -67.97              | -68.50              | -68.51              | -69.27              |                     |                     | -54.66      | -21.25               | 33.41       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 8        | 6.00                          | -67.99              | -69.21              | -68.49              | -68.90              | -69.29              | -68.47              | -68.57              | -68.76              | -53.66      | -21.25               | 32.41       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 8        | 6.00                          | -68.51              | -69.02              | -69.14              | -69.22              | -69.23              | -69.67              | -69.08              | -69.17              | -54.09      | -21.25               | 32.84       |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 8        | 6.00                          | -68.57              | -68.00              | -69.42              | -68.71              | -69.52              | -68.80              | -68.96              | -69.57              | -53.88      | -21.25               | 32.63       |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 8        | 6.00                          | -69.08              | -69.19              | -68.89              | -68.41              | -68.59              | -69.78              | -68.76              | -68.61              | -53.86      | -21.25               | 32.61       |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5                | 8        | 6.00                          | -69.23              | -69.07              | -68.67              | -69.60              | -68.87              | -68.84              | -68.96              | -68.78              | -53.96      | -21.25               | 32.71       |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6                | 8        | 6.00                          | -68.98              | -68.58              | -68.86              | -68.68              | -68.06              | -69.27              | -69.56              | -69.14              | -53.84      | -21.25               | 32.59       |

|                                                         |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT/HE40, M0.7 to M9.7, M0.7 to M11.7                   | 8 | 6.00  | -68.57 | -68.67 | -69.10 | -69.34 | -68.96 | -68.83 | -69.52 | -69.36 | -54.00 | -21.25 | 32.75 |
| VHT/HE40, M0.8 to M9.8, M0.8 to M11.8                   | 8 | 6.00  | -69.13 | -68.49 | -68.51 | -68.37 | -68.83 | -68.20 | -68.65 | -69.10 | -53.62 | -21.25 | 32.37 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 2 | 9.01  | -68.78 | -69.90 |        |        |        |        |        |        | -57.28 | -21.25 | 36.03 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 2 | 6.00  | -68.57 | -69.04 |        |        |        |        |        |        | -59.79 | -21.25 | 38.54 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 3 | 10.77 | -69.08 | -69.12 | -69.40 |        |        |        |        |        | -53.66 | -21.25 | 32.41 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 3 | 7.76  | -69.69 | -69.50 | -69.15 |        |        |        |        |        | -56.91 | -21.25 | 35.66 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 3 | 6.00  | -68.89 | -69.45 | -68.63 |        |        |        |        |        | -58.21 | -21.25 | 36.96 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 4 | 12.02 | -69.28 | -69.44 | -68.84 | -68.08 |        |        |        |        | -50.84 | -21.25 | 29.59 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 4 | 9.01  | -68.62 | -69.15 | -69.38 | -69.01 |        |        |        |        | -54.00 | -21.25 | 32.75 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 4 | 7.25  | -68.41 | -69.89 | -68.50 | -69.25 |        |        |        |        | -55.70 | -21.25 | 34.45 |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 4 | 6.00  | -69.00 | -68.53 | -69.30 | -68.15 |        |        |        |        | -56.70 | -21.25 | 35.45 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 6 | 13.78 | -68.57 | -68.57 | -68.93 | -68.71 | -69.08 | -69.28 |        |        | -47.29 | -21.25 | 26.04 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 6 | 10.77 | -68.70 | -69.19 | -69.10 | -68.65 | -69.16 | -69.00 |        |        | -50.41 | -21.25 | 29.16 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 6 | 9.01  | -69.19 | -68.57 | -68.98 | -67.67 | -69.48 | -68.84 |        |        | -51.96 | -21.25 | 30.71 |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 6 | 7.76  | -68.46 | -69.65 | -68.52 | -69.05 | -69.29 | -69.15 |        |        | -53.46 | -21.25 | 32.21 |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5-BF                | 6 | 6.79  | -68.51 | -69.46 | -68.94 | -68.95 | -68.03 | -69.28 |        |        | -54.26 | -21.25 | 33.01 |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6-BF                | 6 | 6.00  | -69.02 | -68.64 | -68.63 | -68.78 | -69.29 | -68.43 |        |        | -55.01 | -21.25 | 33.76 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 8 | 15.03 | -69.30 | -68.72 | -68.97 | -68.83 | -69.76 | -69.39 | -68.17 | -69.40 | -44.98 | -21.25 | 23.73 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 8 | 12.02 | -69.47 | -68.62 | -68.33 | -69.30 | -68.46 | -69.68 | -69.62 | -68.58 | -47.92 | -21.25 | 26.67 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 8 | 10.26 | -68.80 | -68.56 | -69.02 | -69.23 | -69.32 | -68.53 | -69.04 | -69.42 | -49.69 | -21.25 | 28.44 |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 8 | 9.01  | -68.65 | -69.63 | -69.19 | -68.82 | -69.07 | -69.57 | -68.13 | -68.72 | -50.91 | -21.25 | 29.66 |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5-BF                | 8 | 8.04  | -68.37 | -67.96 | -69.02 | -68.75 | -69.25 | -68.70 | -69.08 | -69.03 | -51.68 | -21.25 | 30.43 |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6-BF                | 8 | 7.25  | -68.72 | -68.38 | -69.49 | -68.12 | -68.83 | -68.68 | -69.22 | -68.44 | -52.43 | -21.25 | 31.18 |
| VHT/HE40, M0.7 to M9.7, M0.7 to M11.7-BF                | 8 | 6.58  | -69.11 | -68.13 | -69.18 | -69.23 | -69.32 | -68.97 | -69.01 | -69.43 | -53.42 | -21.25 | 32.17 |
| VHT/HE40, M0.8 to M9.8, M0.8 to M11.8-BF                | 8 | 6.00  | -68.81 | -68.97 | -69.19 | -69.16 | -68.93 | -67.40 | -68.71 | -68.98 | -53.70 | -21.25 | 32.45 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC         | 2 | 6.00  | -69.12 | -68.70 |        |        |        |        |        |        | -59.89 | -21.25 | 38.64 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC         | 3 | 6.00  | -69.15 | -69.11 | -68.83 |        |        |        |        |        | -58.26 | -21.25 | 37.01 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC         | 4 | 6.00  | -69.29 | -69.13 | -68.90 | -68.98 |        |        |        |        | -57.05 | -21.25 | 35.80 |

|                                                 |   |      |        |        |        |        |        |        |        |        |        |        |       |
|-------------------------------------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC | 6 | 6.00 | -69.36 | -68.84 | -69.48 | -69.62 | -69.37 | -68.84 |        |        | -55.46 | -21.25 | 34.21 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC | 8 | 6.00 | -68.42 | -68.98 | -68.77 | -68.36 | -69.18 | -69.11 | -69.01 | -69.37 | -53.86 | -21.25 | 32.61 |

## 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) |
|------------------------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------|-------------------------|-------------|
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 1        | 6.00                          | -77.34              |                     |                     |                     |                     |                     |                     |                     | -71.34      | -41.25                  | 30.09       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 2        | 6.00                          | -78.49              | -78.45              |                     |                     |                     |                     |                     |                     | -69.46      | -41.25                  | 28.21       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 2        | 6.00                          | -77.78              | -77.41              |                     |                     |                     |                     |                     |                     | -68.58      | -41.25                  | 27.33       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 3        | 6.00                          | -78.66              | -77.37              | -77.25              |                     |                     |                     |                     |                     | -66.94      | -41.25                  | 25.69       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 3        | 6.00                          | -76.90              | -77.81              | -77.02              |                     |                     |                     |                     |                     | -66.45      | -41.25                  | 25.20       |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 3        | 6.00                          | -77.19              | -77.62              | -78.40              |                     |                     |                     |                     |                     | -66.94      | -41.25                  | 25.69       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 4        | 6.00                          | -77.53              | -78.59              | -77.48              | -77.80              |                     |                     |                     |                     | -65.81      | -41.25                  | 24.56       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 4        | 6.00                          | -76.91              | -77.38              | -78.65              | -78.19              |                     |                     |                     |                     | -65.71      | -41.25                  | 24.46       |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 4        | 6.00                          | -77.86              | -78.23              | -78.63              | -76.97              |                     |                     |                     |                     | -65.86      | -41.25                  | 24.61       |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 4        | 6.00                          | -77.27              | -77.42              | -78.35              | -78.53              |                     |                     |                     |                     | -65.84      | -41.25                  | 24.59       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 6        | 6.00                          | -76.93              | -78.64              | -77.22              | -78.66              | -77.68              | -77.39              |                     |                     | -63.92      | -41.25                  | 22.67       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 6        | 6.00                          | -77.56              | -77.65              | -77.34              | -77.27              | -77.18              | -77.07              |                     |                     | -63.56      | -41.25                  | 22.31       |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 6        | 6.00                          | -77.24              | -77.41              | -77.12              | -77.49              | -77.63              | -78.48              |                     |                     | -63.76      | -41.25                  | 22.51       |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 6        | 6.00                          | -78.29              | -78.62              | -77.46              | -77.13              | -77.10              | -77.38              |                     |                     | -63.84      | -41.25                  | 22.59       |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5                | 6        | 6.00                          | -76.98              | -77.43              | -77.51              | -77.52              | -79.37              | -77.66              |                     |                     | -63.90      | -41.25                  | 22.65       |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6                | 6        | 6.00                          | -77.20              | -77.16              | -77.31              | -77.10              | -79.65              | -77.39              |                     |                     | -63.77      | -41.25                  | 22.52       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 8        | 6.00                          | -78.50              | -77.34              | -77.01              | -78.41              | -78.57              | -77.54              | -77.32              | -77.71              | -62.73      | -41.25                  | 21.48       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 8        | 6.00                          | -77.55              | -77.21              | -76.08              | -79.23              | -77.39              | -77.12              | -77.63              | -78.58              | -62.48      | -41.25                  | 21.23       |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 8        | 6.00                          | -78.30              | -77.24              | -77.38              | -76.97              | -77.40              | -77.17              | -77.87              | -77.48              | -62.43      | -41.25                  | 21.18       |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 8        | 6.00                          | -77.26              | -77.32              | -77.53              | -77.60              | -78.13              | -77.04              | -78.99              | -77.57              | -62.61      | -41.25                  | 21.36       |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5                | 8        | 6.00                          | -77.71              | -76.60              | -77.04              | -77.26              | -77.63              | -77.55              | -77.60              | -77.39              | -62.30      | -41.25                  | 21.05       |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6                | 8        | 6.00                          | -77.38              | -78.34              | -77.63              | -77.25              | -78.32              | -77.52              | -77.32              | -77.26              | -62.58      | -41.25                  | 21.33       |

|                                                         |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT/HE40, M0.7 to M9.7, M0.7 to M11.7                   | 8 | 6.00  | -77.10 | -78.45 | -78.38 | -76.76 | -77.25 | -76.90 | -77.02 | -77.46 | -62.34 | -41.25 | 21.09 |
| VHT/HE40, M0.8 to M9.8, M0.8 to M11.8                   | 8 | 6.00  | -77.45 | -77.49 | -77.31 | -77.02 | -77.15 | -78.89 | -77.11 | -77.33 | -62.40 | -41.25 | 21.15 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 2 | 9.01  | -76.93 | -77.44 |        |        |        |        |        |        | -65.16 | -41.25 | 23.91 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 2 | 6.00  | -77.68 | -77.13 |        |        |        |        |        |        | -68.39 | -41.25 | 27.14 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 3 | 10.77 | -77.05 | -76.69 | -77.28 |        |        |        |        |        | -61.46 | -41.25 | 20.21 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 3 | 7.76  | -77.76 | -79.22 | -77.67 |        |        |        |        |        | -65.63 | -41.25 | 24.38 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 3 | 6.00  | -78.05 | -78.26 | -77.32 |        |        |        |        |        | -67.09 | -41.25 | 25.84 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 4 | 12.02 | -77.35 | -78.26 | -77.27 | -79.83 |        |        |        |        | -60.02 | -41.25 | 18.77 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 4 | 9.01  | -77.17 | -78.57 | -77.09 | -78.14 |        |        |        |        | -62.67 | -41.25 | 21.42 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 4 | 7.25  | -77.57 | -78.51 | -77.51 | -77.17 |        |        |        |        | -64.39 | -41.25 | 23.14 |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 4 | 6.00  | -77.71 | -77.18 | -77.33 | -77.22 |        |        |        |        | -65.33 | -41.25 | 24.08 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 6 | 13.78 | -76.99 | -76.88 | -77.46 | -78.13 | -76.98 | -76.38 |        |        | -55.54 | -41.25 | 14.29 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 6 | 10.77 | -77.51 | -77.37 | -77.75 | -77.12 | -77.72 | -77.70 |        |        | -58.97 | -41.25 | 17.72 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 6 | 9.01  | -77.02 | -78.38 | -77.02 | -77.51 | -77.50 | -77.10 |        |        | -60.61 | -41.25 | 19.36 |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 6 | 7.76  | -78.62 | -77.14 | -78.66 | -77.21 | -77.43 | -77.53 |        |        | -62.18 | -41.25 | 20.93 |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5-BF                | 6 | 6.79  | -77.29 | -77.37 | -77.33 | -78.51 | -78.62 | -77.23 |        |        | -63.11 | -41.25 | 21.86 |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6-BF                | 6 | 6.00  | -77.57 | -77.32 | -77.51 | -77.67 | -77.81 | -77.53 |        |        | -63.78 | -41.25 | 22.53 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 8 | 15.03 | -76.89 | -76.77 | -77.32 | -77.44 | -77.58 | -78.59 | -77.53 | -77.41 | -53.35 | -41.25 | 12.10 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 8 | 12.02 | -77.26 | -77.62 | -76.62 | -79.49 | -77.61 | -77.29 | -77.59 | -78.59 | -56.63 | -41.25 | 15.38 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 8 | 10.26 | -77.12 | -76.75 | -77.31 | -77.32 | -77.53 | -77.22 | -77.48 | -78.49 | -58.09 | -41.25 | 16.84 |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 8 | 9.01  | -79.50 | -78.27 | -78.79 | -76.72 | -77.28 | -77.59 | -77.05 | -77.77 | -59.75 | -41.25 | 18.50 |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5-BF                | 8 | 8.04  | -77.72 | -77.14 | -77.28 | -77.15 | -77.65 | -77.08 | -77.27 | -77.41 | -60.26 | -41.25 | 19.01 |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6-BF                | 8 | 7.25  | -77.45 | -76.72 | -78.40 | -77.67 | -77.15 | -78.16 | -78.36 | -77.18 | -61.32 | -41.25 | 20.07 |
| VHT/HE40, M0.7 to M9.7, M0.7 to M11.7-BF                | 8 | 6.58  | -77.42 | -76.89 | -78.85 | -78.34 | -78.19 | -77.00 | -77.74 | -78.00 | -62.15 | -41.25 | 20.90 |
| VHT/HE40, M0.8 to M9.8, M0.8 to M11.8-BF                | 8 | 6.00  | -76.74 | -77.33 | -77.29 | -77.72 | -77.63 | -76.97 | -77.11 | -77.35 | -62.23 | -41.25 | 20.98 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC         | 2 | 6.00  | -77.75 | -76.60 |        |        |        |        |        |        | -68.13 | -41.25 | 26.88 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC         | 3 | 6.00  | -78.41 | -77.40 | -79.20 |        |        |        |        |        | -67.50 | -41.25 | 26.25 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC         | 4 | 6.00  | -78.83 | -76.86 | -77.24 | -78.34 |        |        |        |        | -65.72 | -41.25 | 24.47 |



|                                                 |   |      |        |        |        |        |        |        |        |        |        |        |       |
|-------------------------------------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC | 6 | 6.00 | -78.49 | -78.12 | -77.51 | -78.37 | -77.56 | -77.62 |        |        | -64.15 | -41.25 | 22.90 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC | 8 | 6.00 | -78.94 | -78.33 | -77.24 | -77.56 | -78.43 | -78.46 | -77.17 | -77.51 | -62.88 | -41.25 | 21.63 |

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) |
|------------------------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------|----------------------|-------------|
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 1        | 6.00                          | -68.94              |                     |                     |                     |                     |                     |                     |                     | -62.94      | -21.25               | 41.69       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 2        | 6.00                          | -69.33              | -69.57              |                     |                     |                     |                     |                     |                     | -60.44      | -21.25               | 39.19       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 2        | 6.00                          | -69.22              | -68.92              |                     |                     |                     |                     |                     |                     | -60.06      | -21.25               | 38.81       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 3        | 6.00                          | -68.07              | -68.59              | -69.15              |                     |                     |                     |                     |                     | -57.81      | -21.25               | 36.56       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 3        | 6.00                          | -69.09              | -68.23              | -68.93              |                     |                     |                     |                     |                     | -57.96      | -21.25               | 36.71       |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 3        | 6.00                          | -68.17              | -68.95              | -69.08              |                     |                     |                     |                     |                     | -57.94      | -21.25               | 36.69       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 4        | 6.00                          | -69.38              | -68.32              | -68.98              | -68.50              |                     |                     |                     |                     | -56.75      | -21.25               | 35.50       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 4        | 6.00                          | -68.54              | -69.27              | -68.57              | -69.32              |                     |                     |                     |                     | -56.89      | -21.25               | 35.64       |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 4        | 6.00                          | -68.66              | -69.87              | -69.78              | -69.17              |                     |                     |                     |                     | -57.32      | -21.25               | 36.07       |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 4        | 6.00                          | -68.90              | -68.99              | -69.10              | -68.80              |                     |                     |                     |                     | -56.93      | -21.25               | 35.68       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 6        | 6.00                          | -69.28              | -69.15              | -69.00              | -69.14              | -68.91              | -68.93              |                     |                     | -55.28      | -21.25               | 34.03       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 6        | 6.00                          | -69.20              | -69.00              | -69.39              | -69.31              | -68.30              | -69.33              |                     |                     | -55.29      | -21.25               | 34.04       |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 6        | 6.00                          | -69.49              | -68.93              | -68.97              | -68.28              | -68.56              | -68.44              |                     |                     | -54.98      | -21.25               | 33.73       |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 6        | 6.00                          | -69.02              | -68.84              | -68.92              | -69.34              | -68.70              | -69.60              |                     |                     | -55.28      | -21.25               | 34.03       |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5                | 6        | 6.00                          | -69.06              | -69.78              | -68.60              | -69.05              | -68.22              | -68.72              |                     |                     | -55.10      | -21.25               | 33.85       |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6                | 6        | 6.00                          | -68.83              | -69.53              | -68.00              | -67.94              | -69.06              | -69.25              |                     |                     | -54.94      | -21.25               | 33.69       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 8        | 6.00                          | -69.28              | -69.18              | -68.31              | -69.27              | -69.27              | -69.42              | -68.70              | -68.98              | -54.01      | -21.25               | 32.76       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 8        | 6.00                          | -68.67              | -68.55              | -69.30              | -68.86              | -69.07              | -68.45              | -68.83              | -69.38              | -53.85      | -21.25               | 32.60       |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 8        | 6.00                          | -69.00              | -69.19              | -69.15              | -69.12              | -69.14              | -69.14              | -68.78              | -69.24              | -54.06      | -21.25               | 32.81       |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 8        | 6.00                          | -69.13              | -69.09              | -69.66              | -68.32              | -69.11              | -69.30              | -69.10              | -68.85              | -54.02      | -21.25               | 32.77       |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5                | 8        | 6.00                          | -69.38              | -68.80              | -69.32              | -68.92              | -69.46              | -68.95              | -69.16              | -68.86              | -54.07      | -21.25               | 32.82       |

|                                                         |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6                   | 8 | 6.00  | -68.67 | -69.38 | -69.09 | -68.53 | -68.62 | -68.78 | -68.49 | -68.72 | -53.75 | -21.25 | 32.50 |
| VHT/HE40, M0.7 to M9.7, M0.7 to M11.7                   | 8 | 6.00  | -69.19 | -69.10 | -69.89 | -68.83 | -68.60 | -69.49 | -68.67 | -69.32 | -54.09 | -21.25 | 32.84 |
| VHT/HE40, M0.8 to M9.8, M0.8 to M11.8                   | 8 | 6.00  | -68.20 | -69.08 | -68.84 | -67.72 | -69.07 | -67.99 | -68.86 | -68.93 | -53.53 | -21.25 | 32.28 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 2 | 9.01  | -68.62 | -68.92 |        |        |        |        |        |        | -56.75 | -21.25 | 35.50 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 2 | 6.00  | -68.82 | -69.39 |        |        |        |        |        |        | -60.09 | -21.25 | 38.84 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 3 | 10.77 | -68.94 | -68.98 | -68.63 |        |        |        |        |        | -53.31 | -21.25 | 32.06 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 3 | 7.76  | -69.02 | -69.15 | -68.89 |        |        |        |        |        | -56.49 | -21.25 | 35.24 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 3 | 6.00  | -68.29 | -69.95 | -68.08 |        |        |        |        |        | -57.93 | -21.25 | 36.68 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 4 | 12.02 | -68.45 | -68.85 | -68.25 | -69.07 |        |        |        |        | -50.60 | -21.25 | 29.35 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 4 | 9.01  | -68.53 | -69.45 | -68.75 | -69.09 |        |        |        |        | -53.91 | -21.25 | 32.66 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 4 | 7.25  | -69.10 | -69.12 | -68.54 | -69.22 |        |        |        |        | -55.72 | -21.25 | 34.47 |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 4 | 6.00  | -68.82 | -69.02 | -68.65 | -69.19 |        |        |        |        | -56.89 | -21.25 | 35.64 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 6 | 13.78 | -69.57 | -68.42 | -69.60 | -69.15 | -68.64 | -69.18 |        |        | -47.51 | -21.25 | 26.26 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 6 | 10.77 | -68.90 | -69.13 | -68.68 | -68.30 | -69.17 | -69.58 |        |        | -50.39 | -21.25 | 29.14 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 6 | 9.01  | -69.32 | -68.42 | -68.43 | -68.93 | -69.16 | -68.45 |        |        | -51.98 | -21.25 | 30.73 |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 6 | 7.76  | -69.07 | -69.37 | -68.90 | -68.38 | -69.01 | -69.20 |        |        | -53.44 | -21.25 | 32.19 |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5-BF                | 6 | 6.79  | -68.48 | -69.18 | -69.35 | -69.29 | -68.59 | -68.60 |        |        | -54.33 | -21.25 | 33.08 |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6-BF                | 6 | 6.00  | -68.89 | -69.07 | -68.87 | -68.50 | -68.49 | -68.97 |        |        | -55.01 | -21.25 | 33.76 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 8 | 15.03 | -69.31 | -69.01 | -69.20 | -69.00 | -69.39 | -69.20 | -69.08 | -68.29 | -44.99 | -21.25 | 23.74 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 8 | 12.02 | -68.73 | -68.40 | -68.55 | -69.17 | -68.39 | -69.22 | -69.66 | -69.08 | -47.83 | -21.25 | 26.58 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 8 | 10.26 | -68.60 | -69.26 | -69.59 | -69.13 | -69.25 | -69.41 | -68.83 | -69.35 | -49.88 | -21.25 | 28.63 |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 8 | 9.01  | -69.19 | -68.92 | -68.50 | -68.54 | -68.76 | -68.33 | -69.17 | -69.23 | -50.78 | -21.25 | 29.53 |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5-BF                | 8 | 8.04  | -69.71 | -69.67 | -68.67 | -68.86 | -69.99 | -69.12 | -69.03 | -68.78 | -52.13 | -21.25 | 30.88 |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6-BF                | 8 | 7.25  | -68.46 | -68.92 | -68.68 | -68.38 | -68.86 | -68.91 | -69.16 | -69.02 | -52.51 | -21.25 | 31.26 |
| VHT/HE40, M0.7 to M9.7, M0.7 to M11.7-BF                | 8 | 6.58  | -69.47 | -69.29 | -69.27 | -68.51 | -69.28 | -68.44 | -69.08 | -69.18 | -53.44 | -21.25 | 32.19 |
| VHT/HE40, M0.8 to M9.8, M0.8 to M11.8-BF                | 8 | 6.00  | -68.72 | -69.63 | -69.01 | -68.93 | -69.19 | -69.47 | -69.17 | -69.41 | -54.15 | -21.25 | 32.90 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC         | 2 | 6.00  | -68.03 | -68.93 |        |        |        |        |        |        | -59.45 | -21.25 | 38.20 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC         | 3 | 6.00  | -68.70 | -69.26 | -68.93 |        |        |        |        |        | -58.19 | -21.25 | 36.94 |

|                                                 |   |      |        |        |        |        |        |        |        |        |        |        |       |
|-------------------------------------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC | 4 | 6.00 | -69.31 | -69.61 | -68.31 | -69.54 |        |        |        |        | -57.14 | -21.25 | 35.89 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC | 6 | 6.00 | -68.46 | -68.55 | -69.64 | -69.24 | -69.35 | -68.44 |        |        | -55.14 | -21.25 | 33.89 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC | 8 | 6.00 | -69.02 | -67.58 | -69.19 | -68.75 | -69.46 | -68.11 | -68.74 | -68.88 | -53.65 | -21.25 | 32.40 |

## 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) |
|------------------------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------|-------------------------|-------------|
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 1        | 6.00                          | -77.79              |                     |                     |                     |                     |                     |                     |                     | -71.79      | -41.25                  | 30.54       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 2        | 6.00                          | -77.04              | -77.35              |                     |                     |                     |                     |                     |                     | -68.18      | -41.25                  | 26.93       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 2        | 6.00                          | -78.44              | -77.13              |                     |                     |                     |                     |                     |                     | -68.73      | -41.25                  | 27.48       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 3        | 6.00                          | -76.55              | -77.12              | -77.35              |                     |                     |                     |                     |                     | -66.22      | -41.25                  | 24.97       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 3        | 6.00                          | -77.68              | -77.44              | -78.60              |                     |                     |                     |                     |                     | -67.11      | -41.25                  | 25.86       |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 3        | 6.00                          | -78.12              | -77.04              | -76.97              |                     |                     |                     |                     |                     | -66.57      | -41.25                  | 25.32       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 4        | 6.00                          | -77.03              | -77.39              | -77.49              | -77.31              |                     |                     |                     |                     | -65.28      | -41.25                  | 24.03       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 4        | 6.00                          | -76.74              | -78.51              | -77.39              | -77.02              |                     |                     |                     |                     | -65.34      | -41.25                  | 24.09       |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 4        | 6.00                          | -77.30              | -79.88              | -78.19              | -78.37              |                     |                     |                     |                     | -66.32      | -41.25                  | 25.07       |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 4        | 6.00                          | -77.52              | -78.59              | -77.25              | -78.22              |                     |                     |                     |                     | -65.84      | -41.25                  | 24.59       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 6        | 6.00                          | -78.79              | -77.70              | -77.98              | -77.03              | -77.11              | -78.28              |                     |                     | -63.99      | -41.25                  | 22.74       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 6        | 6.00                          | -76.88              | -78.08              | -77.64              | -76.80              | -79.50              | -77.54              |                     |                     | -63.87      | -41.25                  | 22.62       |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 6        | 6.00                          | -77.10              | -77.13              | -77.57              | -77.34              | -77.65              | -77.06              |                     |                     | -63.52      | -41.25                  | 22.27       |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 6        | 6.00                          | -77.62              | -78.39              | -78.23              | -78.08              | -77.20              | -77.41              |                     |                     | -64.02      | -41.25                  | 22.77       |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5                | 6        | 6.00                          | -77.20              | -77.37              | -78.42              | -77.06              | -77.41              | -77.22              |                     |                     | -63.64      | -41.25                  | 22.39       |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6                | 6        | 6.00                          | -79.40              | -77.36              | -77.43              | -77.41              | -77.56              | -77.46              |                     |                     | -63.93      | -41.25                  | 22.68       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 8        | 6.00                          | -77.39              | -77.14              | -77.05              | -77.29              | -78.62              | -77.09              | -77.37              | -76.99              | -62.31      | -41.25                  | 21.06       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 8        | 6.00                          | -77.36              | -77.09              | -77.04              | -77.28              | -77.40              | -77.60              | -79.50              | -76.38              | -62.35      | -41.25                  | 21.10       |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 8        | 6.00                          | -76.86              | -78.61              | -77.15              | -77.59              | -77.54              | -77.23              | -77.25              | -77.43              | -62.40      | -41.25                  | 21.15       |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 8        | 6.00                          | -78.86              | -77.63              | -79.10              | -79.36              | -77.58              | -77.04              | -77.37              | -77.41              | -62.93      | -41.25                  | 21.68       |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5                | 8        | 6.00                          | -77.29              | -77.08              | -77.51              | -77.54              | -77.18              | -76.90              | -77.09              | -76.70              | -62.12      | -41.25                  | 20.87       |

|                                                         |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6                   | 8 | 6.00  | -77.67 | -77.24 | -77.64 | -77.21 | -78.73 | -77.24 | -77.68 | -78.20 | -62.64 | -41.25 | 21.39 |
| VHT/HE40, M0.7 to M9.7, M0.7 to M11.7                   | 8 | 6.00  | -79.77 | -78.57 | -77.32 | -77.49 | -77.50 | -77.56 | -76.88 | -78.00 | -62.78 | -41.25 | 21.53 |
| VHT/HE40, M0.8 to M9.8, M0.8 to M11.8                   | 8 | 6.00  | -77.16 | -77.23 | -77.60 | -78.91 | -77.52 | -77.44 | -76.97 | -77.60 | -62.49 | -41.25 | 21.24 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 2 | 9.01  | -77.11 | -78.34 |        |        |        |        |        |        | -65.66 | -41.25 | 24.41 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 2 | 6.00  | -79.30 | -77.42 |        |        |        |        |        |        | -69.25 | -41.25 | 28.00 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 3 | 10.77 | -76.97 | -79.40 | -77.31 |        |        |        |        |        | -62.23 | -41.25 | 20.98 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 3 | 7.76  | -77.66 | -76.53 | -77.57 |        |        |        |        |        | -64.69 | -41.25 | 23.44 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 3 | 6.00  | -77.54 | -78.88 | -77.69 |        |        |        |        |        | -67.23 | -41.25 | 25.98 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 4 | 12.02 | -77.11 | -78.41 | -78.16 | -78.17 |        |        |        |        | -59.89 | -41.25 | 18.64 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 4 | 9.01  | -78.69 | -79.33 | -76.91 | -77.35 |        |        |        |        | -62.93 | -41.25 | 21.68 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 4 | 7.25  | -77.25 | -78.71 | -77.33 | -78.12 |        |        |        |        | -64.54 | -41.25 | 23.29 |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 4 | 6.00  | -79.97 | -77.56 | -77.57 | -78.44 |        |        |        |        | -66.26 | -41.25 | 25.01 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 6 | 13.78 | -76.53 | -77.54 | -77.22 | -77.58 | -77.01 | -77.49 |        |        | -55.65 | -41.25 | 14.40 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 6 | 10.77 | -78.97 | -77.39 | -77.62 | -77.58 | -79.37 | -76.90 |        |        | -59.33 | -41.25 | 18.08 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 6 | 9.01  | -77.67 | -77.21 | -77.07 | -77.91 | -76.32 | -77.33 |        |        | -60.43 | -41.25 | 19.18 |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 6 | 7.76  | -77.17 | -77.42 | -77.44 | -77.22 | -77.26 | -77.71 |        |        | -61.82 | -41.25 | 20.57 |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5-BF                | 6 | 6.79  | -78.23 | -77.33 | -76.76 | -77.08 | -77.24 | -77.55 |        |        | -62.77 | -41.25 | 21.52 |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6-BF                | 6 | 6.00  | -77.01 | -77.51 | -78.28 | -76.77 | -77.10 | -78.55 |        |        | -63.71 | -41.25 | 22.46 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 8 | 15.03 | -77.65 | -77.42 | -77.44 | -77.39 | -77.39 | -77.55 | -77.35 | -77.39 | -53.39 | -41.25 | 12.14 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 8 | 12.02 | -77.36 | -78.31 | -77.59 | -76.46 | -79.28 | -78.74 | -77.31 | -77.51 | -56.69 | -41.25 | 15.44 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 8 | 10.26 | -76.85 | -77.39 | -76.99 | -79.10 | -78.13 | -76.42 | -77.19 | -76.98 | -58.02 | -41.25 | 16.77 |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 8 | 9.01  | -79.67 | -78.32 | -77.37 | -78.06 | -77.23 | -78.20 | -77.10 | -77.72 | -59.85 | -41.25 | 18.60 |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5-BF                | 8 | 8.04  | -77.40 | -77.01 | -78.32 | -76.84 | -77.56 | -77.28 | -78.51 | -78.51 | -60.56 | -41.25 | 19.31 |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6-BF                | 8 | 7.25  | -77.24 | -77.01 | -77.51 | -77.45 | -76.95 | -79.51 | -77.38 | -78.35 | -61.33 | -41.25 | 20.08 |
| VHT/HE40, M0.7 to M9.7, M0.7 to M11.7-BF                | 8 | 6.58  | -76.86 | -77.53 | -77.13 | -77.06 | -77.29 | -77.39 | -77.31 | -77.36 | -61.63 | -41.25 | 20.38 |
| VHT/HE40, M0.8 to M9.8, M0.8 to M11.8-BF                | 8 | 6.00  | -78.45 | -77.42 | -77.17 | -78.82 | -78.70 | -77.49 | -78.51 | -77.50 | -62.93 | -41.25 | 21.68 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC         | 2 | 6.00  | -78.33 | -77.99 |        |        |        |        |        |        | -69.15 | -41.25 | 27.90 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC         | 3 | 6.00  | -77.49 | -77.44 | -78.43 |        |        |        |        |        | -66.99 | -41.25 | 25.74 |

|                                                 |   |      |        |        |        |        |        |        |        |        |        |        |       |
|-------------------------------------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC | 4 | 6.00 | -77.33 | -77.63 | -76.48 | -76.69 |        |        |        |        | -64.99 | -41.25 | 23.74 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC | 6 | 6.00 | -77.33 | -77.01 | -77.15 | -77.24 | -76.80 | -77.99 |        |        | -63.46 | -41.25 | 22.21 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC | 8 | 6.00 | -77.20 | -77.58 | -77.41 | -77.89 | -78.08 | -77.27 | -77.04 | -79.42 | -62.65 | -41.25 | 21.40 |

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) |
|---------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------|----------------------|-------------|
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 1        | 6.00                          | -69.31              |                     |                     |                     |                     |                     |                     |                     | -63.31      | -21.25               | 42.06       |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 2        | 6.00                          | -69.44              | -69.32              |                     |                     |                     |                     |                     |                     | -60.37      | -21.25               | 39.12       |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 2        | 6.00                          | -68.85              | -68.84              |                     |                     |                     |                     |                     |                     | -59.83      | -21.25               | 38.58       |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 3        | 6.00                          | -69.43              | -69.18              | -68.74              |                     |                     |                     |                     |                     | -58.34      | -21.25               | 37.09       |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 3        | 6.00                          | -68.64              | -69.18              | -68.46              |                     |                     |                     |                     |                     | -57.98      | -21.25               | 36.73       |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3 | 3        | 6.00                          | -69.19              | -68.61              | -69.08              |                     |                     |                     |                     |                     | -58.18      | -21.25               | 36.93       |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 4        | 6.00                          | -69.00              | -69.46              | -69.29              | -68.48              |                     |                     |                     |                     | -57.02      | -21.25               | 35.77       |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 4        | 6.00                          | -69.27              | -68.93              | -68.53              | -68.92              |                     |                     |                     |                     | -56.88      | -21.25               | 35.63       |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3 | 4        | 6.00                          | -69.12              | -68.70              | -68.64              | -69.23              |                     |                     |                     |                     | -56.90      | -21.25               | 35.65       |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4 | 4        | 6.00                          | -69.02              | -69.09              | -69.04              | -68.67              |                     |                     |                     |                     | -56.93      | -21.25               | 35.68       |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 6        | 6.00                          | -69.38              | -69.22              | -69.19              | -69.08              | -69.53              | -68.82              |                     |                     | -55.41      | -21.25               | 34.16       |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 6        | 6.00                          | -68.74              | -68.62              | -68.70              | -69.01              | -69.39              | -68.63              |                     |                     | -55.06      | -21.25               | 33.81       |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3 | 6        | 6.00                          | -68.62              | -69.36              | -68.87              | -69.05              | -69.42              | -68.69              |                     |                     | -55.21      | -21.25               | 33.96       |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4 | 6        | 6.00                          | -69.07              | -68.55              | -68.53              | -69.39              | -68.84              | -68.34              |                     |                     | -54.99      | -21.25               | 33.74       |
| VHT/HE80, M0.5 to M9.5, M0.5 to M11.5 | 6        | 6.00                          | -69.64              | -68.36              | -69.02              | -69.03              | -68.49              | -68.90              |                     |                     | -55.11      | -21.25               | 33.86       |
| VHT/HE80, M0.6 to M9.6, M0.6 to M11.6 | 6        | 6.00                          | -68.62              | -69.15              | -68.56              | -67.74              | -68.85              | -68.07              |                     |                     | -54.69      | -21.25               | 33.44       |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 8        | 6.00                          | -68.80              | -68.63              | -69.33              | -68.81              | -68.62              | -68.57              | -69.17              | -69.33              | -53.87      | -21.25               | 32.62       |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 8        | 6.00                          | -68.28              | -69.18              | -69.03              | -69.27              | -67.87              | -68.96              | -69.31              | -69.06              | -53.81      | -21.25               | 32.56       |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3 | 8        | 6.00                          | -68.99              | -69.33              | -69.07              | -69.23              | -69.31              | -69.53              | -69.20              | -69.15              | -54.19      | -21.25               | 32.94       |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4 | 8        | 6.00                          | -68.97              | -69.39              | -69.65              | -68.83              | -69.67              | -69.20              | -69.20              | -69.00              | -54.20      | -21.25               | 32.95       |
| VHT/HE80, M0.5 to M9.5, M0.5 to M11.5 | 8        | 6.00                          | -69.16              | -68.87              | -68.64              | -69.24              | -69.01              | -69.38              | -68.02              | -68.80              | -53.84      | -21.25               | 32.59       |



|                                          |   |       |        |        |        |        |        |        |        |        |        |        |       |
|------------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT/HE80, M0.6 to M9.6, M0.6 to M11.6    | 8 | 6.00  | -68.88 | -69.04 | -68.67 | -69.09 | -69.47 | -68.90 | -69.61 | -68.97 | -54.04 | -21.25 | 32.79 |
| VHT/HE80, M0.7 to M9.7, M0.7 to M11.7    | 8 | 6.00  | -68.88 | -69.59 | -68.41 | -69.23 | -69.26 | -69.32 | -68.93 | -69.52 | -54.10 | -21.25 | 32.85 |
| VHT/HE80, M0.8 to M9.8, M0.8 to M11.8    | 8 | 6.00  | -69.22 | -68.53 | -69.30 | -68.80 | -69.04 | -68.45 | -69.26 | -69.01 | -53.91 | -21.25 | 32.66 |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 2 | 9.01  | -68.88 | -69.31 |        |        |        |        |        |        | -57.07 | -21.25 | 35.82 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 2 | 6.00  | -69.21 | -68.69 |        |        |        |        |        |        | -59.93 | -21.25 | 38.68 |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 3 | 10.77 | -69.09 | -68.42 | -68.20 |        |        |        |        |        | -53.01 | -21.25 | 31.76 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 3 | 7.76  | -69.30 | -68.73 | -69.33 |        |        |        |        |        | -56.58 | -21.25 | 35.33 |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3-BF | 3 | 6.00  | -69.34 | -68.24 | -69.33 |        |        |        |        |        | -58.17 | -21.25 | 36.92 |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 4 | 12.02 | -68.87 | -68.70 | -68.91 | -69.27 |        |        |        |        | -50.89 | -21.25 | 29.64 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 4 | 9.01  | -68.86 | -68.46 | -69.05 | -69.10 |        |        |        |        | -53.83 | -21.25 | 32.58 |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3-BF | 4 | 7.25  | -68.26 | -68.52 | -68.73 | -69.00 |        |        |        |        | -55.35 | -21.25 | 34.10 |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4-BF | 4 | 6.00  | -68.47 | -68.69 | -69.16 | -68.85 |        |        |        |        | -56.77 | -21.25 | 35.52 |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 6 | 13.78 | -68.34 | -69.32 | -69.15 | -68.47 | -68.62 | -69.38 |        |        | -47.30 | -21.25 | 26.05 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 6 | 10.77 | -68.55 | -69.74 | -69.51 | -69.40 | -69.56 | -69.72 |        |        | -50.84 | -21.25 | 29.59 |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3-BF | 6 | 9.01  | -69.16 | -69.09 | -68.92 | -69.30 | -68.99 | -69.28 |        |        | -52.33 | -21.25 | 31.08 |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4-BF | 6 | 7.76  | -69.59 | -69.31 | -68.88 | -68.35 | -68.78 | -69.10 |        |        | -53.44 | -21.25 | 32.19 |
| VHT/HE80, M0.5 to M9.5, M0.5 to M11.5-BF | 6 | 6.79  | -69.03 | -69.08 | -69.18 | -69.26 | -69.22 | -68.96 |        |        | -54.55 | -21.25 | 33.30 |
| VHT/HE80, M0.6 to M9.6, M0.6 to M11.6-BF | 6 | 6.00  | -68.68 | -69.76 | -69.66 | -68.29 | -68.63 | -69.13 |        |        | -55.21 | -21.25 | 33.96 |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 8 | 15.03 | -69.81 | -69.29 | -69.30 | -68.99 | -69.38 | -69.64 | -69.26 | -68.50 | -45.19 | -21.25 | 23.94 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 8 | 12.02 | -68.70 | -68.52 | -67.54 | -67.99 | -68.57 | -68.76 | -69.19 | -69.00 | -47.45 | -21.25 | 26.20 |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3-BF | 8 | 10.26 | -69.27 | -68.72 | -68.66 | -69.02 | -69.24 | -68.99 | -68.12 | -68.83 | -49.55 | -21.25 | 28.30 |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4-BF | 8 | 9.01  | -69.29 | -69.34 | -68.74 | -69.43 | -68.93 | -69.15 | -69.07 | -68.90 | -51.06 | -21.25 | 29.81 |
| VHT/HE80, M0.5 to M9.5, M0.5 to M11.5-BF | 8 | 8.04  | -68.54 | -68.68 | -68.81 | -69.23 | -68.62 | -68.82 | -68.11 | -69.04 | -51.65 | -21.25 | 30.40 |
| VHT/HE80, M0.6 to M9.6, M0.6 to M11.6-BF | 8 | 7.25  | -69.37 | -68.48 | -69.37 | -69.03 | -68.96 | -68.28 | -69.05 | -68.99 | -52.65 | -21.25 | 31.40 |
| VHT/HE80, M0.7 to M9.7, M0.7 to M11.7-BF | 8 | 6.58  | -68.98 | -69.22 | -69.32 | -68.94 | -68.08 | -68.82 | -68.05 | -69.39 | -53.21 | -21.25 | 31.96 |
| VHT/HE80, M0.8 to M9.8, M0.8 to M11.8-BF | 8 | 6.00  | -69.55 | -68.45 | -69.06 | -68.90 | -68.88 | -68.98 | -68.91 | -69.03 | -53.93 | -21.25 | 32.68 |
| VHT/HE80, M0 to M9, M0 to M11-STBC       | 2 | 6.00  | -69.41 | -68.30 |        |        |        |        |        |        | -59.81 | -21.25 | 38.56 |
| VHT/HE80, M0 to M9, M0 to M11-STBC       | 3 | 6.00  | -68.62 | -69.42 | -68.50 |        |        |        |        |        | -58.05 | -21.25 | 36.80 |

|                                    |   |      |        |        |        |        |        |        |        |        |        |        |       |
|------------------------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT/HE80, M0 to M9, M0 to M11-STBC | 4 | 6.00 | -68.94 | -69.46 | -68.02 | -68.40 |        |        |        |        | -56.65 | -21.25 | 35.40 |
| VHT/HE80, M0 to M9, M0 to M11-STBC | 6 | 6.00 | -69.15 | -68.13 | -69.51 | -68.52 | -68.71 | -69.16 |        |        | -55.05 | -21.25 | 33.80 |
| VHT/HE80, M0 to M9, M0 to M11-STBC | 8 | 6.00 | -69.29 | -68.99 | -69.03 | -68.82 | -68.58 | -69.43 | -69.16 | -68.36 | -53.91 | -21.25 | 32.66 |

## 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) |
|---------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------|-------------------------|-------------|
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 1        | 6.00                          | -77.28              |                     |                     |                     |                     |                     |                     |                     | -71.28      | -41.25                  | 30.03       |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 2        | 6.00                          | -77.42              | -77.26              |                     |                     |                     |                     |                     |                     | -68.33      | -41.25                  | 27.08       |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 2        | 6.00                          | -77.82              | -77.39              |                     |                     |                     |                     |                     |                     | -68.59      | -41.25                  | 27.34       |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 3        | 6.00                          | -77.57              | -77.50              | -77.64              |                     |                     |                     |                     |                     | -66.80      | -41.25                  | 25.55       |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 3        | 6.00                          | -77.84              | -76.89              | -77.50              |                     |                     |                     |                     |                     | -66.62      | -41.25                  | 25.37       |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3 | 3        | 6.00                          | -76.88              | -76.84              | -77.47              |                     |                     |                     |                     |                     | -66.28      | -41.25                  | 25.03       |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 4        | 6.00                          | -77.32              | -77.46              | -77.41              | -77.54              |                     |                     |                     |                     | -65.41      | -41.25                  | 24.16       |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 4        | 6.00                          | -76.98              | -77.42              | -77.53              | -77.14              |                     |                     |                     |                     | -65.24      | -41.25                  | 23.99       |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3 | 4        | 6.00                          | -77.67              | -77.10              | -77.42              | -77.56              |                     |                     |                     |                     | -65.41      | -41.25                  | 24.16       |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4 | 4        | 6.00                          | -77.06              | -77.20              | -77.02              | -77.34              |                     |                     |                     |                     | -65.13      | -41.25                  | 23.88       |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 6        | 6.00                          | -76.83              | -77.66              | -77.41              | -77.57              | -77.13              | -77.65              |                     |                     | -63.58      | -41.25                  | 22.33       |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 6        | 6.00                          | -77.52              | -76.86              | -77.40              | -77.38              | -77.50              | -77.38              |                     |                     | -63.55      | -41.25                  | 22.30       |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3 | 6        | 6.00                          | -77.40              | -76.92              | -76.85              | -77.32              | -77.09              | -77.22              |                     |                     | -63.35      | -41.25                  | 22.10       |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4 | 6        | 6.00                          | -77.45              | -77.52              | -77.35              | -77.40              | -77.58              | -77.32              |                     |                     | -63.66      | -41.25                  | 22.41       |
| VHT/HE80, M0.5 to M9.5, M0.5 to M11.5 | 6        | 6.00                          | -77.21              | -77.15              | -77.70              | -77.60              | -77.09              | -76.58              |                     |                     | -63.42      | -41.25                  | 22.17       |
| VHT/HE80, M0.6 to M9.6, M0.6 to M11.6 | 6        | 6.00                          | -76.96              | -77.52              | -77.29              | -77.52              | -76.85              | -77.87              |                     |                     | -63.54      | -41.25                  | 22.29       |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 8        | 6.00                          | -77.26              | -77.71              | -76.79              | -77.39              | -77.16              | -77.45              | -77.68              | -77.36              | -62.31      | -41.25                  | 21.06       |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 8        | 6.00                          | -77.62              | -77.73              | -77.59              | -77.18              | -77.94              | -77.66              | -77.07              | -77.68              | -62.52      | -41.25                  | 21.27       |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3 | 8        | 6.00                          | -77.52              | -77.31              | -77.51              | -77.40              | -77.49              | -77.35              | -77.33              | -76.02              | -62.18      | -41.25                  | 20.93       |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4 | 8        | 6.00                          | -77.30              | -77.63              | -77.65              | -77.50              | -77.66              | -77.33              | -77.63              | -77.61              | -62.50      | -41.25                  | 21.25       |
| VHT/HE80, M0.5 to M9.5, M0.5 to M11.5 | 8        | 6.00                          | -77.31              | -77.69              | -77.48              | -77.18              | -76.99              | -76.80              | -77.58              | -77.48              | -62.27      | -41.25                  | 21.02       |

|                                          |   |       |        |        |        |        |        |        |        |        |        |        |       |
|------------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT/HE80, M0.6 to M9.6, M0.6 to M11.6    | 8 | 6.00  | -77.31 | -77.56 | -77.39 | -77.66 | -77.30 | -76.28 | -77.75 | -77.58 | -62.30 | -41.25 | 21.05 |
| VHT/HE80, M0.7 to M9.7, M0.7 to M11.7    | 8 | 6.00  | -77.19 | -77.79 | -77.31 | -77.83 | -77.57 | -76.90 | -77.70 | -77.30 | -62.41 | -41.25 | 21.16 |
| VHT/HE80, M0.8 to M9.8, M0.8 to M11.8    | 8 | 6.00  | -77.08 | -77.44 | -77.71 | -77.06 | -77.54 | -76.71 | -77.39 | -77.27 | -62.23 | -41.25 | 20.98 |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 2 | 9.01  | -77.82 | -76.97 |        |        |        |        |        |        | -65.35 | -41.25 | 24.10 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 2 | 6.00  | -77.56 | -77.42 |        |        |        |        |        |        | -68.48 | -41.25 | 27.23 |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 3 | 10.77 | -77.40 | -77.31 | -76.63 |        |        |        |        |        | -61.56 | -41.25 | 20.31 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 3 | 7.76  | -77.71 | -77.50 | -77.27 |        |        |        |        |        | -64.96 | -41.25 | 23.71 |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3-BF | 3 | 6.00  | -76.88 | -77.06 | -77.53 |        |        |        |        |        | -66.38 | -41.25 | 25.13 |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 4 | 12.02 | -77.66 | -77.14 | -77.27 | -77.37 |        |        |        |        | -59.31 | -41.25 | 18.06 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 4 | 9.01  | -77.46 | -77.01 | -77.53 | -77.82 |        |        |        |        | -62.41 | -41.25 | 21.16 |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3-BF | 4 | 7.25  | -77.73 | -77.82 | -77.64 | -77.43 |        |        |        |        | -64.38 | -41.25 | 23.13 |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4-BF | 4 | 6.00  | -77.53 | -78.00 | -77.50 | -77.33 |        |        |        |        | -65.56 | -41.25 | 24.31 |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 6 | 13.78 | -77.67 | -77.43 | -77.38 | -77.83 | -77.54 | -77.41 |        |        | -55.98 | -41.25 | 14.73 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 6 | 10.77 | -77.59 | -77.65 | -77.55 | -77.15 | -76.93 | -77.14 |        |        | -58.77 | -41.25 | 17.52 |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3-BF | 6 | 9.01  | -77.58 | -77.09 | -77.22 | -77.43 | -76.89 | -76.70 |        |        | -60.35 | -41.25 | 19.10 |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4-BF | 6 | 7.76  | -77.76 | -77.53 | -76.90 | -77.20 | -77.55 | -77.87 |        |        | -61.91 | -41.25 | 20.66 |
| VHT/HE80, M0.5 to M9.5, M0.5 to M11.5-BF | 6 | 6.79  | -77.26 | -77.44 | -77.66 | -77.26 | -77.15 | -77.91 |        |        | -62.87 | -41.25 | 21.62 |
| VHT/HE80, M0.6 to M9.6, M0.6 to M11.6-BF | 6 | 6.00  | -77.38 | -76.67 | -77.44 | -77.56 | -76.94 | -77.21 |        |        | -63.41 | -41.25 | 22.16 |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 8 | 15.03 | -77.21 | -77.79 | -77.40 | -77.21 | -77.49 | -77.25 | -77.68 | -77.43 | -53.37 | -41.25 | 12.12 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 8 | 12.02 | -77.46 | -77.42 | -77.46 | -77.35 | -77.64 | -76.94 | -77.41 | -77.30 | -56.32 | -41.25 | 15.07 |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3-BF | 8 | 10.26 | -77.72 | -77.74 | -76.96 | -77.21 | -77.48 | -77.89 | -77.15 | -77.16 | -58.11 | -41.25 | 16.86 |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4-BF | 8 | 9.01  | -77.57 | -77.65 | -77.40 | -77.31 | -76.96 | -76.91 | -77.51 | -77.31 | -59.28 | -41.25 | 18.03 |
| VHT/HE80, M0.5 to M9.5, M0.5 to M11.5-BF | 8 | 8.04  | -76.98 | -77.41 | -77.31 | -77.09 | -77.07 | -77.50 | -77.38 | -77.21 | -60.17 | -41.25 | 18.92 |
| VHT/HE80, M0.6 to M9.6, M0.6 to M11.6-BF | 8 | 7.25  | -77.38 | -77.43 | -76.44 | -77.65 | -77.42 | -77.49 | -77.36 | -77.43 | -61.03 | -41.25 | 19.78 |
| VHT/HE80, M0.7 to M9.7, M0.7 to M11.7-BF | 8 | 6.58  | -77.13 | -77.26 | -77.51 | -77.44 | -76.92 | -77.74 | -77.36 | -77.66 | -61.76 | -41.25 | 20.51 |
| VHT/HE80, M0.8 to M9.8, M0.8 to M11.8-BF | 8 | 6.00  | -77.67 | -77.31 | -77.18 | -77.17 | -77.48 | -77.35 | -76.99 | -77.06 | -62.24 | -41.25 | 20.99 |
| VHT/HE80, M0 to M9, M0 to M11-STBC       | 2 | 6.00  | -77.72 | -77.39 |        |        |        |        |        |        | -68.54 | -41.25 | 27.29 |
| VHT/HE80, M0 to M9, M0 to M11-STBC       | 3 | 6.00  | -77.24 | -77.54 | -76.94 |        |        |        |        |        | -66.46 | -41.25 | 25.21 |

|                                    |   |      |        |        |        |        |        |        |        |        |        |        |       |
|------------------------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT/HE80, M0 to M9, M0 to M11-STBC | 4 | 6.00 | -77.37 | -77.30 | -77.51 | -77.63 |        |        |        |        | -65.43 | -41.25 | 24.18 |
| VHT/HE80, M0 to M9, M0 to M11-STBC | 6 | 6.00 | -77.11 | -77.30 | -77.65 | -76.81 | -77.51 | -77.46 |        |        | -63.52 | -41.25 | 22.27 |
| VHT/HE80, M0 to M9, M0 to M11-STBC | 8 | 6.00 | -77.81 | -77.45 | -77.49 | -77.50 | -77.49 | -77.38 | -77.18 | -77.39 | -62.43 | -41.25 | 21.18 |

**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                          | -31.53               |                      |                      |                      |                      |                      |                      |                      | -25.53      | -21.25               | 4.28        |
| non HT20, 6 to 54 Mbps                               | 2        | 6.00                          | -33.44               | -43.60               |                      |                      |                      |                      |                      |                      | -27.04      | -21.25               | 5.79        |
| non HT20, 6 to 54 Mbps                               | 3        | 6.00                          | -32.54               | -40.95               | -42.59               |                      |                      |                      |                      |                      | -25.59      | -21.25               | 4.34        |
| non HT20, 6 to 54 Mbps                               | 4        | 6.00                          | -38.23               | -45.16               | -41.48               | -41.29               |                      |                      |                      |                      | -28.87      | -21.25               | 7.62        |
| non HT20, 6 to 54 Mbps                               | 6        | 9.00                          | -44.04               | -51.39               | -51.91               | -49.91               | -50.67               | -49.70               |                      |                      | -31.83      | -21.25               | 10.58       |
| non HT20, 6 to 54 Mbps                               | 8        | 9.00                          | -49.05               | -55.25               | -54.93               | -54.64               | -54.81               | -53.80               | -53.13               | -54.38               | -35.19      | -21.25               | 13.94       |
| non HT20, 6 to 54 Mbps-BF                            | 2        | 9.01                          | -40.17               | -47.76               |                      |                      |                      |                      |                      |                      | -30.46      | -21.25               | 9.21        |
| non HT20, 6 to 54 Mbps-BF                            | 3        | 10.77                         | -44.58               | -51.64               | -48.36               |                      |                      |                      |                      |                      | -31.73      | -21.25               | 10.48       |
| non HT20, 6 to 54 Mbps-BF                            | 4        | 12.02                         | -41.91               | -51.65               | -50.24               | -46.27               |                      |                      |                      |                      | -27.80      | -21.25               | 6.55        |
| non HT20, 6 to 54 Mbps-BF                            | 6        | 13.78                         | -53.62               | -54.98               | -54.95               | -54.15               | -53.98               | -53.47               |                      |                      | -32.59      | -21.25               | 11.34       |
| non HT20, 6 to 54 Mbps-BF                            | 8        | 15.03                         | -55.96               | -57.26               | -57.27               | -56.69               | -56.55               | -56.54               | -56.82               | -55.87               | -32.53      | -21.25               | 11.28       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 1        | 6.00                          | -39.68               |                      |                      |                      |                      |                      |                      |                      | -33.68      | -21.25               | 12.43       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 2        | 6.00                          | -40.96               | -50.89               |                      |                      |                      |                      |                      |                      | -34.54      | -21.25               | 13.29       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 2        | 6.00                          | -39.01               | -50.12               |                      |                      |                      |                      |                      |                      | -32.69      | -21.25               | 11.44       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 3        | 6.00                          | -39.84               | -49.48               | -48.73               |                      |                      |                      |                      |                      | -32.91      | -21.25               | 11.66       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 3        | 6.00                          | -38.53               | -49.03               | -49.07               |                      |                      |                      |                      |                      | -31.82      | -21.25               | 10.57       |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 3        | 6.00                          | -31.04               | -43.30               | -41.40               |                      |                      |                      |                      |                      | -24.43      | -21.25               | 3.18        |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 4        | 6.00                          | -42.46               | -49.17               | -51.10               | -48.76               |                      |                      |                      |                      | -34.46      | -21.25               | 13.21       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 4        | 6.00                          | -47.13               | -50.98               | -51.50               | -48.35               |                      |                      |                      |                      | -37.09      | -21.25               | 15.84       |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 4        | 6.00                          | -37.32               | -42.55               | -32.90               | -39.29               |                      |                      |                      |                      | -24.60      | -21.25               | 3.35        |

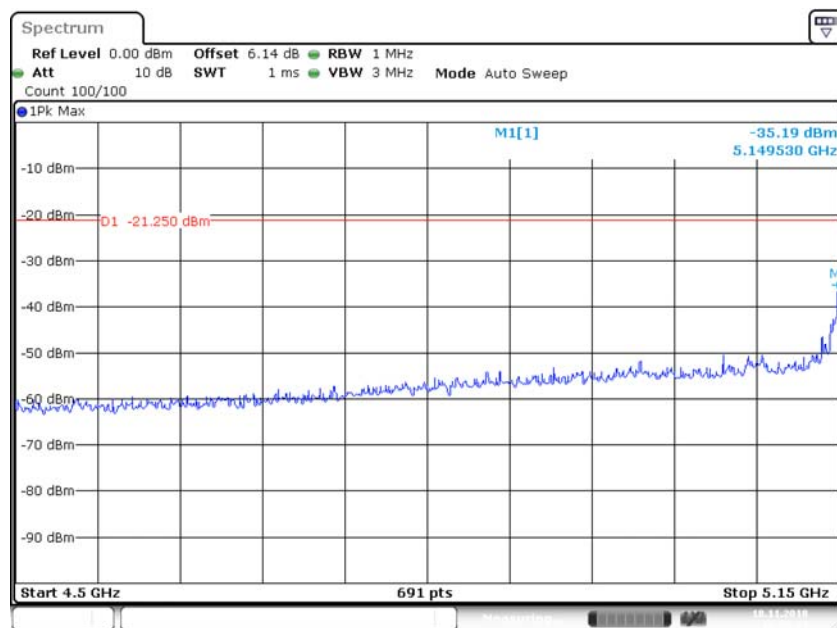
|                                                             |          |             |               |               |               |               |               |               |        |        |               |               |             |
|-------------------------------------------------------------|----------|-------------|---------------|---------------|---------------|---------------|---------------|---------------|--------|--------|---------------|---------------|-------------|
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4        | 4        | 6.00        | -38.48        | -38.51        | -36.28        | -32.05        |               |               |        |        | -23.42        | -21.25        | 2.17        |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1          | 6        | 9.00        | -53.18        | -54.47        | -54.55        | -53.82        | -54.19        | -53.27        |        |        | -37.10        | -21.25        | 15.85       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2         | 6        | 8.39        | -43.78        | -51.68        | -53.19        | -46.95        | -45.75        | -45.13        |        |        | -30.44        | -21.25        | 9.19        |
| <b>HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3</b> | <b>6</b> | <b>7.51</b> | <b>-35.19</b> | <b>-38.46</b> | <b>-36.63</b> | <b>-37.86</b> | <b>-36.27</b> | <b>-36.66</b> |        |        | <b>-21.42</b> | <b>-21.25</b> | <b>0.17</b> |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4        | 6        | 6.88        | -34.15        | -39.50        | -37.50        | -34.45        | -36.28        | -38.53        |        |        | -21.63        | -21.25        | 0.38        |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                       | 6        | 6.40        | -44.00        | -51.91        | -52.70        | -47.50        | -46.53        | -44.88        |        |        | -32.66        | -21.25        | 11.41       |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                       | 6        | 6.00        | -41.69        | -50.80        | -53.43        | -47.43        | -47.30        | -46.32        |        |        | -32.52        | -21.25        | 11.27       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1          | 8        | 9.00        | -53.41        | -56.35        | -56.12        | -54.17        | -55.22        | -55.21        | -55.10 | -55.90 | -37.05        | -21.25        | 15.80       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2         | 8        | 9.00        | -50.96        | -53.44        | -54.64        | -53.47        | -52.93        | -52.66        | -54.22 | -52.88 | -34.99        | -21.25        | 13.74       |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3        | 8        | 8.13        | -36.36        | -54.90        | -52.15        | -42.07        | -45.51        | -48.62        | -50.85 | -39.82 | -25.27        | -21.25        | 4.02        |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4        | 8        | 7.51        | -36.43        | -54.55        | -52.09        | -37.70        | -44.05        | -50.10        | -41.99 | -50.07 | -25.25        | -21.25        | 4.00        |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                       | 8        | 7.02        | -50.13        | -53.58        | -52.49        | -49.48        | -51.15        | -52.42        | -54.53 | -50.55 | -35.44        | -21.25        | 14.19       |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                       | 8        | 6.62        | -48.57        | -53.79        | -53.15        | -50.25        | -49.58        | -51.81        | -52.25 | -48.80 | -34.99        | -21.25        | 13.74       |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7                       | 8        | 6.29        | -38.91        | -39.57        | -38.64        | -37.47        | -39.08        | -31.56        | -59.69 | -40.03 | -22.01        | -21.25        | 0.76        |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8                       | 8        | 6.00        | -39.54        | -40.03        | -38.04        | -33.58        | -35.92        | -38.86        | -59.89 | -41.23 | -22.97        | -21.25        | 1.72        |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF       | 2        | 9.01        | -40.13        | -50.43        |               |               |               |               |        |        | -30.73        | -21.25        | 9.48        |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF      | 2        | 6.00        | -39.60        | -50.67        |               |               |               |               |        |        | -33.28        | -21.25        | 12.03       |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF       | 3        | 10.77       | -47.55        | -51.40        | -50.76        |               |               |               |        |        | -34.01        | -21.25        | 12.76       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF      | 3        | 7.76        | -44.79        | -51.06        | -51.69        |               |               |               |        |        | -35.45        | -21.25        | 14.20       |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF     | 3        | 6.00        | -40.36        | -44.09        | -37.13        |               |               |               |        |        | -28.89        | -21.25        | 7.64        |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF       | 4        | 12.02       | -49.36        | -53.96        | -52.72        | -50.76        |               |               |        |        | -33.31        | -21.25        | 12.06       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF      | 4        | 9.01        | -45.51        | -50.85        | -51.01        | -50.07        |               |               |        |        | -33.66        | -21.25        | 12.41       |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF     | 4        | 7.25        | -35.42        | -39.95        | -40.28        | -34.61        |               |               |        |        | -23.57        | -21.25        | 2.32        |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF     | 4        | 6.00        | -37.24        | -34.35        | -39.94        | -36.10        |               |               |        |        | -24.44        | -21.25        | 3.19        |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF       | 6        | 13.78       | -53.05        | -54.38        | -54.08        | -52.08        | -53.48        | -52.93        |        |        | -31.70        | -21.25        | 10.45       |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF      | 6        | 10.77       | -49.09        | -53.98        | -54.49        | -50.53        | -50.27        | -48.53        |        |        | -32.05        | -21.25        | 10.80       |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF     | 6        | 9.01        | -37.31        | -54.65        | -53.80        | -38.14        | -41.90        | -41.72        |        |        | -24.19        | -21.25        | 2.94        |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF     | 6        | 7.76        | -36.76        | -44.28        | -45.44        | -34.68        | -40.76        | -39.37        |        |        | -23.12        | -21.25        | 1.87        |

|                                                         |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                | 6 | 6.79  | -44.01 | -51.15 | -53.39 | -46.69 | -47.21 | -43.66 |        |        | -31.89 | -21.25 | 10.64 |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                | 6 | 6.00  | -43.71 | -51.26 | -52.94 | -47.46 | -43.29 | -45.94 |        |        | -32.37 | -21.25 | 11.12 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 8 | 15.03 | -53.72 | -56.39 | -56.98 | -56.45 | -55.19 | -55.66 | -56.40 | -55.12 | -31.56 | -21.25 | 10.31 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 8 | 12.02 | -53.14 | -54.70 | -54.39 | -53.80 | -54.10 | -53.19 | -54.58 | -52.64 | -32.71 | -21.25 | 11.46 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 8 | 10.26 | -45.09 | -54.59 | -55.12 | -49.57 | -51.33 | -49.03 | -42.77 | -51.26 | -28.64 | -21.25 | 7.39  |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 8 | 9.01  | -39.08 | -54.58 | -52.64 | -41.03 | -44.66 | -47.48 | -46.84 | -50.52 | -26.32 | -21.25 | 5.07  |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                | 8 | 8.04  | -49.74 | -54.23 | -54.81 | -53.73 | -53.19 | -50.20 | -39.01 | -54.34 | -29.77 | -21.25 | 8.52  |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                | 8 | 7.25  | -49.64 | -54.01 | -53.66 | -49.98 | -49.74 | -49.74 | -53.25 | -50.47 | -34.68 | -21.25 | 13.43 |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7-BF                | 8 | 6.58  | -39.64 | -46.56 | -46.73 | -36.41 | -37.80 | -38.57 | -52.14 | -36.78 | -23.87 | -21.25 | 2.62  |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8-BF                | 8 | 6.00  | -40.67 | -46.78 | -38.07 | -35.31 | -36.71 | -38.59 | -38.60 | -34.89 | -22.63 | -21.25 | 1.38  |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 2 | 6.00  | -40.02 | -49.47 |        |        |        |        |        |        | -33.55 | -21.25 | 12.30 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 3 | 6.00  | -39.27 | -51.06 | -49.65 |        |        |        |        |        | -32.63 | -21.25 | 11.38 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 4 | 6.00  | -44.42 | -50.75 | -50.68 | -46.61 |        |        |        |        | -35.25 | -21.25 | 14.00 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 6 | 6.00  | -44.40 | -51.22 | -52.46 | -48.37 | -43.99 | -45.62 |        |        | -32.82 | -21.25 | 11.57 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 8 | 6.00  | -51.01 | -54.44 | -54.33 | -53.71 | -52.51 | -52.51 | -52.69 | -54.29 | -38.00 | -21.25 | 16.75 |

Please refer to the following plots for the worst case configuration

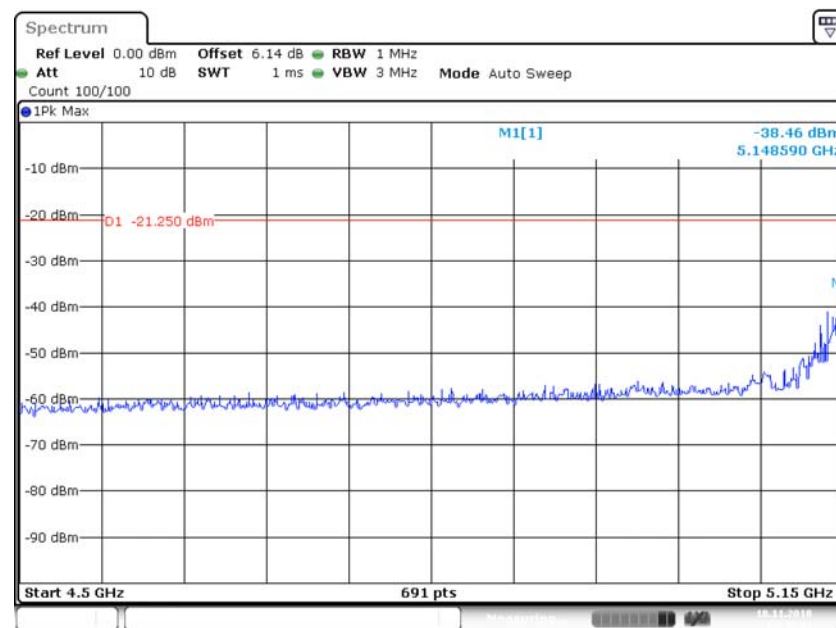


Ant-a



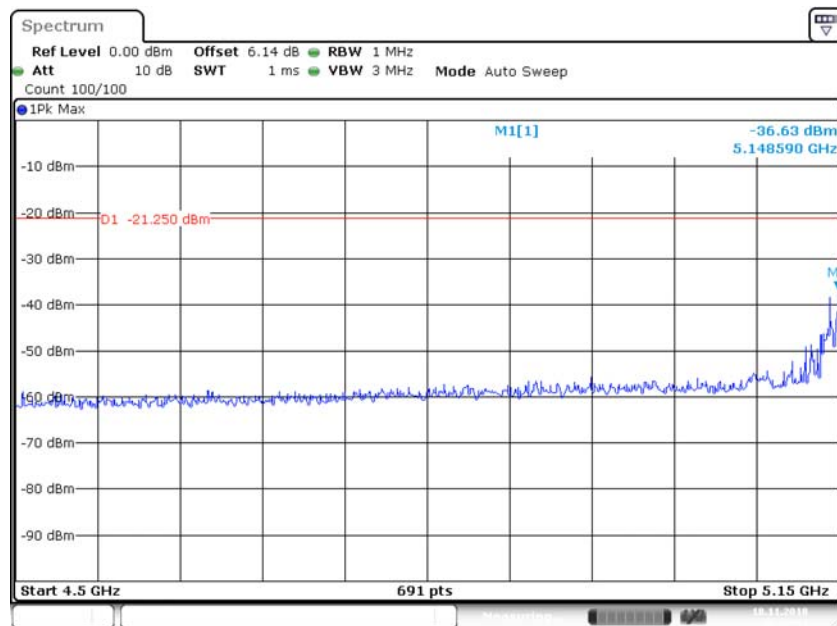
Date: 18.NOV.2018 18:53:24

Ant-b



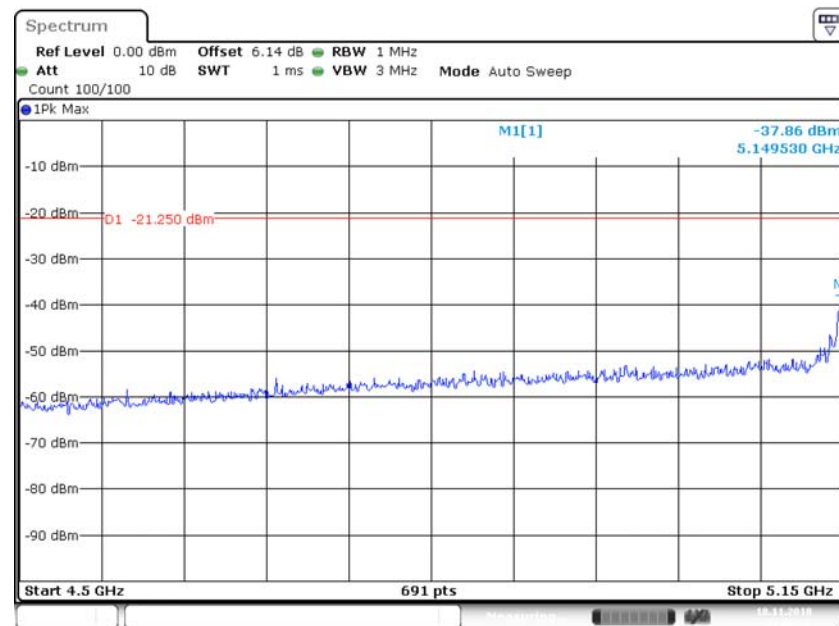
Date: 18.NOV.2018 19:40:02

Ant-c



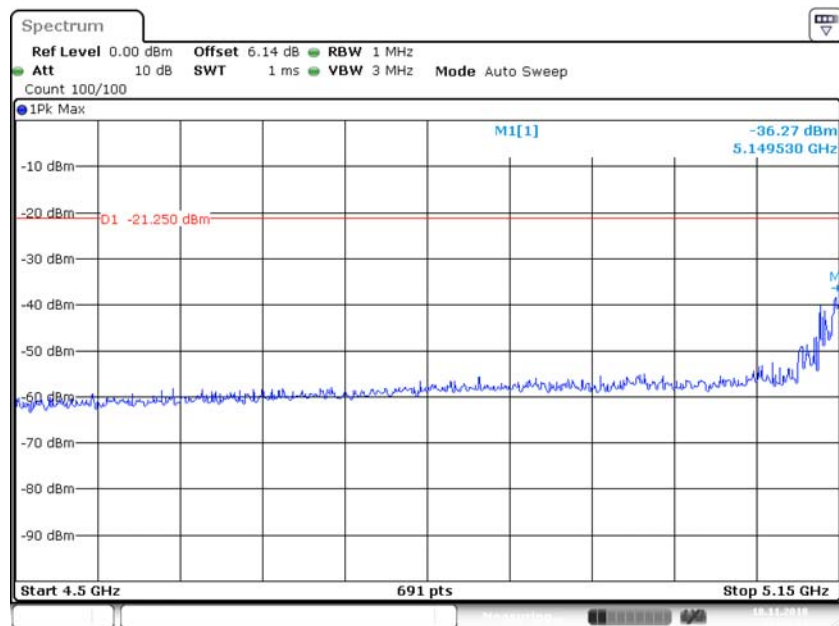
Date: 18.NOV.2018 20:23:44

Ant-d



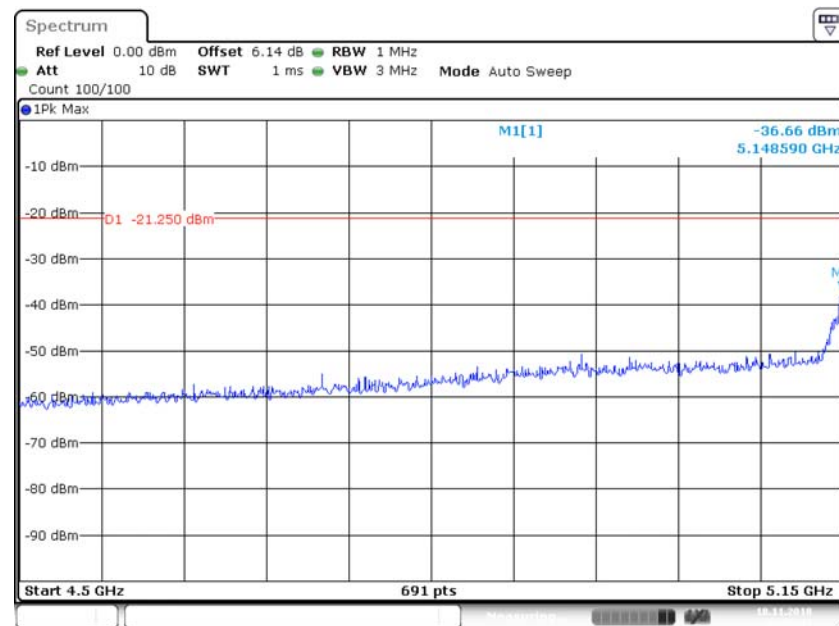
Date: 18.NOV.2018 21:02:37

Ant-e



Date: 18.NOV.2018 21:34:17

Ant-f



Date: 18.NOV.2018 22:03:38

## 5180 MHz (Average):

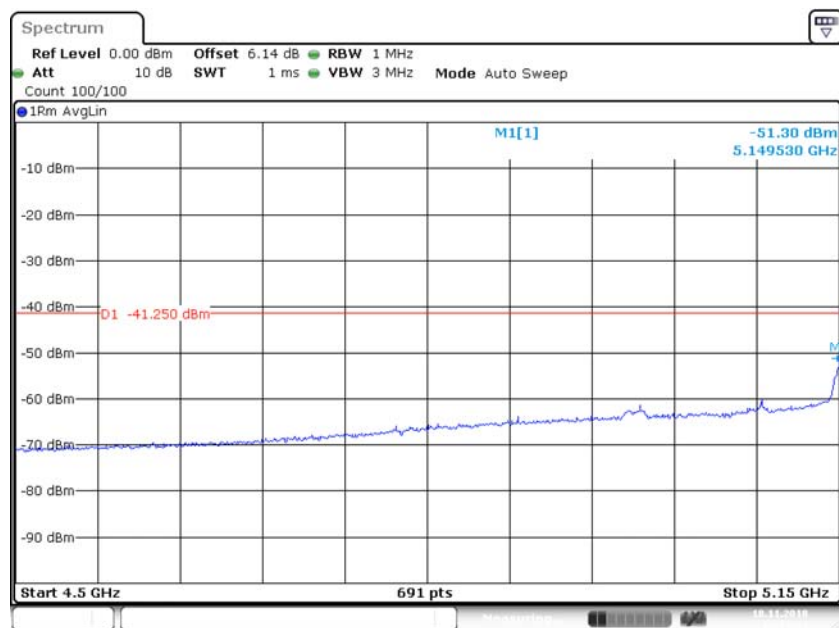
| Mode                                                 | Tx paths | correlated antenna gain (dBi) | Tx 1 Band-edge (dBm) | Tx 2 Band-edge (dBm) | Tx 3 Band-edge (dBm) | Tx 4 Band-edge (dBm) | Tx 5 Band-edge (dBm) | Tx 6 Band-edge (dBm) | Tx 7 Band-edge (dBm) | Tx 8 Band-edge (dBm) | DCCF (dB) | Total (dBm) | FCC Average Limit (dBm) | Margin (dB) |
|------------------------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------|-------------|-------------------------|-------------|
| non HT20, 6 to 54 Mbps                               | 1        | 6.00                          | -50.1                |                      |                      |                      |                      |                      |                      |                      | 0.44      | -43.66      | -41.25                  | 2.41        |
| non HT20, 6 to 54 Mbps                               | 2        | 6.00                          | -51.36               | -59.28               |                      |                      |                      |                      |                      |                      | 0.44      | -44.27      | -41.25                  | 3.02        |
| non HT20, 6 to 54 Mbps                               | 3        | 6.00                          | -52.06               | -56.99               | -56.85               |                      |                      |                      |                      |                      | 0.44      | -43.44      | -41.25                  | 2.19        |
| non HT20, 6 to 54 Mbps                               | 4        | 6.00                          | -54.85               | -59.54               | -58.77               | -56.04               |                      |                      |                      |                      | 0.44      | -44.42      | -41.25                  | 3.17        |
| non HT20, 6 to 54 Mbps                               | 6        | 9.00                          | -59.32               | -61.64               | -62.04               | -60.65               | -60.57               | -60.46               |                      |                      | 0.44      | -43.47      | -41.25                  | 2.22        |
| non HT20, 6 to 54 Mbps                               | 8        | 9.00                          | -62.76               | -65.06               | -64.84               | -64.69               | -64.00               | -63.51               | -63.43               | -63.56               | 0.44      | -45.44      | -41.25                  | 4.19        |
| non HT20, 6 to 54 Mbps-BF                            | 2        | 9.01                          | -55.65               | -60.35               |                      |                      |                      |                      |                      |                      | 0.44      | -44.93      | -41.25                  | 3.68        |
| non HT20, 6 to 54 Mbps-BF                            | 3        | 10.77                         | -58.77               | -61.88               | -61.02               |                      |                      |                      |                      |                      | 0.44      | -44.37      | -41.25                  | 3.12        |
| non HT20, 6 to 54 Mbps-BF                            | 4        | 12.02                         | -62.227              | -61.52               | -61.11               | -60.76               |                      |                      |                      |                      | 0.44      | -42.89      | -41.25                  | 1.64        |
| non HT20, 6 to 54 Mbps-BF                            | 6        | 13.78                         | -65.814              | -65.26               | -64.86               | -64.67               | -64.65               | -63.89               |                      |                      | 0.44      | -42.82      | -41.25                  | 1.57        |
| non HT20, 6 to 54 Mbps-BF                            | 8        | 15.03                         | -66.80               | -65.89               | -65.89               | -65.89               | -65.89               | -65.89               | -65.89               | -65.89               | 0.44      | -41.49      | -41.25                  | 0.24        |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 1        | 6.00                          | -52.08               |                      |                      |                      |                      |                      |                      |                      | 0.44      | -45.64      | -41.25                  | 4.39        |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 2        | 6.00                          | -52.16               | -60.25               |                      |                      |                      |                      |                      |                      | 0.44      | -45.09      | -41.25                  | 3.84        |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 2        | 6.00                          | -51.89               | -59.89               |                      |                      |                      |                      |                      |                      | 0.44      | -44.81      | -41.25                  | 3.56        |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 3        | 6.00                          | -52.03               | -59.22               | -59.21               |                      |                      |                      |                      |                      | 0.44      | -44.18      | -41.25                  | 2.93        |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 3        | 6.00                          | -51.06               | -60.03               | -59.07               |                      |                      |                      |                      |                      | 0.44      | -43.53      | -41.25                  | 2.28        |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 3        | 6.00                          | -51.59               | -58.08               | -57.44               |                      |                      |                      |                      |                      | 0.44      | -43.43      | -41.25                  | 2.18        |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1   | 4        | 6.00                          | -56.84               | -60.43               | -61.27               | -58.70               |                      |                      |                      |                      | 0.44      | -46.51      | -41.25                  | 5.26        |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2  | 4        | 6.00                          | -57.06               | -60.62               | -60.73               | -59.10               |                      |                      |                      |                      | 0.44      | -46.65      | -41.25                  | 5.40        |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3 | 4        | 6.00                          | -55.34               | -59.67               | -57.32               | -56.09               |                      |                      |                      |                      | 0.44      | -44.36      | -41.25                  | 3.11        |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4 | 4        | 6.00                          | -55.34               | -59.27               | -59.60               | -55.33               |                      |                      |                      |                      | 0.44      | -44.46      | -41.25                  | 3.21        |

|                                                              |          |             |               |               |        |        |        |        |        |        |             |               |               |             |
|--------------------------------------------------------------|----------|-------------|---------------|---------------|--------|--------|--------|--------|--------|--------|-------------|---------------|---------------|-------------|
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1           | 6        | 9.00        | -63.00        | -64.89        | -64.53 | -63.75 | -63.48 | -63.52 |        |        | 0.44        | -46.59        | -41.25        | 5.34        |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2          | 6        | 8.39        | -61.407       | -60.82        | -63.15 | -57.72 | -57.62 | -56.81 |        |        | 0.44        | -42.40        | -41.25        | 1.15        |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3         | 6        | 7.51        | -60.695       | -59.80        | -61.02 | -57.46 | -57.73 | -57.53 |        |        | 0.44        | -43.05        | -41.25        | 1.80        |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4         | 6        | 6.88        | -61.055       | -59.76        | -61.43 | -58.18 | -58.05 | -57.95 |        |        | 0.44        | -44.08        | -41.25        | 2.83        |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                        | 6        | 6.40        | -55.55        | -60.58        | -62.85 | -58.19 | -57.19 | -56.76 |        |        | 0.44        | -43.29        | -41.25        | 2.04        |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                        | 6        | 6.00        | -55.68        | -60.68        | -63.13 | -57.97 | -56.85 | -56.24 |        |        | 0.44        | -43.52        | -41.25        | 2.27        |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1           | 8        | 9.00        | -62.79        | -66.75        | -66.61 | -64.87 | -65.22 | -65.61 | -64.62 | -65.23 | 0.44        | -46.58        | -41.25        | 5.33        |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2          | 8        | 9.00        | -60.21        | -64.26        | -64.31 | -63.23 | -62.03 | -62.63 | -63.66 | -62.78 | 0.44        | -44.22        | -41.25        | 2.97        |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3         | 8        | 8.13        | -59.89        | -64.45        | -63.61 | -62.16 | -62.37 | -62.09 | -60.66 | -62.84 | 0.44        | -44.44        | -41.25        | 3.19        |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4         | 8        | 7.51        | -60.42        | -64.59        | -63.93 | -62.80 | -61.76 | -62.84 | -70.77 | -62.77 | 0.44        | -46.05        | -41.25        | 4.80        |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5                        | 8        | 7.02        | -59.38        | -63.52        | -63.97 | -60.15 | -61.10 | -62.22 | -63.79 | -60.14 | 0.44        | -44.96        | -41.25        | 3.71        |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6                        | 8        | 6.62        | -59.51        | -63.89        | -64.08 | -60.67 | -60.17 | -62.20 | -70.82 | -59.76 | 0.44        | -45.55        | -41.25        | 4.30        |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7                        | 8        | 6.29        | -55.67        | -64.01        | -62.70 | -58.00 | -58.97 | -59.04 | -70.70 | -60.66 | 0.44        | -43.88        | -41.25        | 2.63        |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8                        | 8        | 6.00        | -56.74        | -64.08        | -62.24 | -58.13 | -58.45 | -59.59 | -70.79 | -60.44 | 0.44        | -44.44        | -41.25        | 3.19        |
| <b>HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF</b> | <b>2</b> | <b>9.01</b> | <b>-51.30</b> | <b>-60.33</b> |        |        |        |        |        |        | <b>0.44</b> | <b>-41.34</b> | <b>-41.25</b> | <b>0.09</b> |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF       | 2        | 6.00        | -52.03        | -60.06        |        |        |        |        |        |        | 0.44        | -44.96        | -41.25        | 3.71        |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF        | 3        | 10.77       | -57.34        | -61.42        | -61.31 |        |        |        |        |        | 0.44        | -43.60        | -41.25        | 2.35        |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF       | 3        | 7.76        | -57.38        | -60.69        | -61.78 |        |        |        |        |        | 0.44        | -46.56        | -41.25        | 5.31        |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF      | 3        | 6.00        | -55.75        | -59.05        | -59.43 |        |        |        |        |        | 0.44        | -46.53        | -41.25        | 5.28        |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF        | 4        | 12.02       | -62.132       | -63.67        | -63.01 | -60.10 |        |        |        |        | 0.44        | -43.53        | -41.25        | 2.28        |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF       | 4        | 9.01        | -56.72        | -61.13        | -61.03 | -59.81 |        |        |        |        | 0.44        | -43.80        | -41.25        | 2.55        |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF      | 4        | 7.25        | -56.43        | -62.85        | -62.89 | -59.35 |        |        |        |        | 0.44        | -45.81        | -41.25        | 4.56        |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF      | 4        | 6.00        | -55.43        | -60.56        | -59.03 | -55.21 |        |        |        |        | 0.44        | -44.53        | -41.25        | 3.28        |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF        | 6        | 13.78       | -65.481       | -65.00        | -64.63 | -63.48 | -63.73 | -63.62 |        |        | 0.44        | -42.26        | -41.25        | 1.01        |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF       | 6        | 10.77       | -61.622       | -64.11        | -63.39 | -59.49 | -61.55 | -59.10 |        |        | 0.44        | -42.17        | -41.25        | 0.92        |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF      | 6        | 9.01        | -60.08        | -65.20        | -64.15 | -61.62 | -62.68 | -61.92 |        |        | 0.44        | -45.06        | -41.25        | 3.81        |

|                                                         |   |       |         |        |        |        |        |        |        |        |      |        |        |      |
|---------------------------------------------------------|---|-------|---------|--------|--------|--------|--------|--------|--------|--------|------|--------|--------|------|
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 6 | 7.76  | -61.583 | -64.27 | -62.99 | -58.76 | -58.70 | -56.37 |        |        | 0.44 | -43.63 | -41.25 | 2.38 |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                | 6 | 6.79  | -57.69  | -61.62 | -62.74 | -58.40 | -57.11 | -56.46 |        |        | 0.44 | -43.44 | -41.25 | 2.19 |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                | 6 | 6.00  | -55.30  | -61.39 | -62.78 | -58.10 | -57.41 | -56.65 |        |        | 0.44 | -43.68 | -41.25 | 2.43 |
| HT/VHT/HE20, M0 to M7, M0.1 to M8.1, M0.1 to M11.1-BF   | 8 | 15.03 | -66.169 | -67.32 | -66.92 | -67.06 | -65.53 | -65.64 | -66.88 | -65.83 | 0.44 | -41.87 | -41.25 | 0.62 |
| HT/VHT/HE20, M8 to M15, M0.2 to M8.2, M0.2 to M11.2-BF  | 8 | 12.02 | -65.432 | -64.78 | -64.71 | -63.98 | -64.08 | -62.81 | -64.25 | -62.92 | 0.44 | -42.55 | -41.25 | 1.30 |
| HT/VHT/HE20, M16 to M23, M0.3 to M8.3, M0.3 to M11.3-BF | 8 | 10.26 | -62.79  | -65.18 | -64.77 | -63.80 | -63.75 | -63.28 | -63.94 | -63.22 | 0.44 | -44.05 | -41.25 | 2.80 |
| HT/VHT/HE20, M24 to M31, M0.4 to M8.4, M0.4 to M11.4-BF | 8 | 9.01  | -60.78  | -64.79 | -64.54 | -62.50 | -61.74 | -61.60 | -63.41 | -63.13 | 0.44 | -44.13 | -41.25 | 2.88 |
| VHT/HE20, M0.5 to M8.5, M0.5 to M11.5-BF                | 8 | 8.04  | -60.07  | -64.09 | -64.56 | -63.64 | -62.75 | -62.30 | -62.00 | -62.79 | 0.44 | -45.05 | -41.25 | 3.80 |
| VHT/HE20, M0.6 to M8.6, M0.6 to M11.6-BF                | 8 | 7.25  | -59.32  | -63.92 | -64.19 | -59.90 | -61.78 | -59.04 | -62.24 | -59.88 | 0.44 | -44.17 | -41.25 | 2.92 |
| VHT/HE20, M0.7 to M8.7, M0.7 to M11.7-BF                | 8 | 6.58  | -56.49  | -64.09 | -63.62 | -58.15 | -58.64 | -58.53 | -61.87 | -59.87 | 0.44 | -43.41 | -41.25 | 2.16 |
| VHT/HE20, M0.8 to M8.8, M0.8 to M11.8-BF                | 8 | 6.00  | -56.26  | -63.90 | -63.69 | -59.25 | -58.55 | -58.18 | -59.12 | -60.78 | 0.44 | -43.84 | -41.25 | 2.59 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 2 | 6.00  | -52.08  | -60.45 |        |        |        |        |        |        | 0.44 | -45.05 | -41.25 | 3.80 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 3 | 6.00  | -51.96  | -60.95 | -59.11 |        |        |        |        |        | 0.44 | -44.32 | -41.25 | 3.07 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 4 | 6.00  | -56.40  | -61.11 | -61.10 | -59.21 |        |        |        |        | 0.44 | -46.53 | -41.25 | 5.28 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 6 | 6.00  | -56.56  | -61.33 | -62.84 | -58.58 | -56.80 | -56.69 |        |        | 0.44 | -43.98 | -41.25 | 2.73 |
| HT/VHT/HE20, M0 to M7, M0 to M8, M0 to M11-STBC         | 8 | 6.00  | -59.85  | -64.21 | -63.56 | -63.53 | -62.91 | -62.72 | -61.92 | -62.92 | 0.44 | -47.03 | -41.25 | 5.78 |

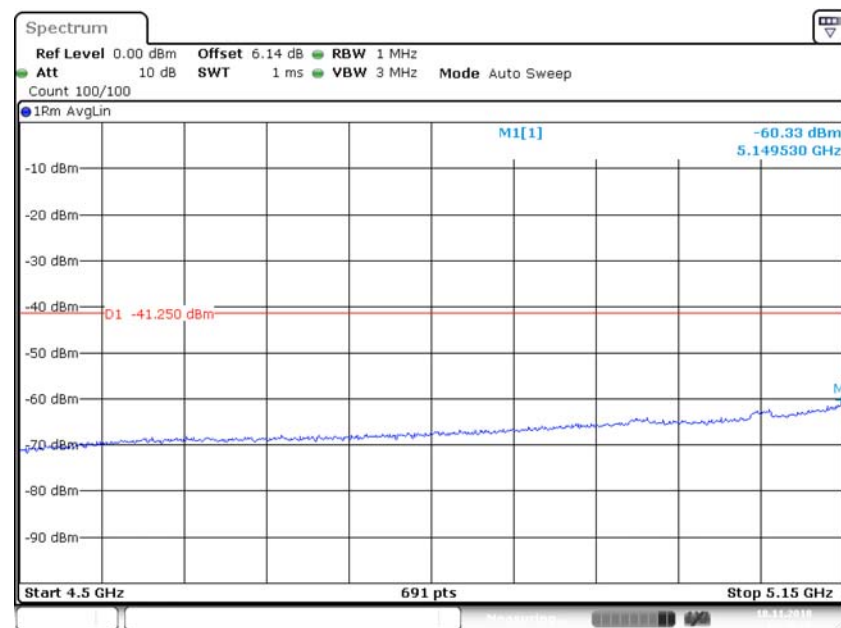
Please refer to the following plots for the worst case configuration

Ant-a



Date: 18.NOV.2018 19:01:24

Ant-b



Date: 18.NOV.2018 19:48:28

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) |
|------------------------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-------------|----------------------|-------------|
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 1        | 6.00                          | -38.38               |                      |                      |                      |                      |                      |                      |                      | -32.38      | -21.25               | 11.13       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 2        | 6.00                          | -40.38               | -42.79               |                      |                      |                      |                      |                      |                      | -32.41      | -21.25               | 11.16       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 2        | 6.00                          | -42.29               | -43.13               |                      |                      |                      |                      |                      |                      | -33.68      | -21.25               | 12.43       |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 3        | 6.00                          | -40.65               | -46.05               | -45.56               |                      |                      |                      |                      |                      | -32.58      | -21.25               | 11.33       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 3        | 6.00                          | -42.61               | -45.45               | -46.96               |                      |                      |                      |                      |                      | -33.85      | -21.25               | 12.60       |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 3        | 6.00                          | -31.64               | -42.25               | -42.97               |                      |                      |                      |                      |                      | -25.00      | -21.25               | 3.75        |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 4        | 6.00                          | -45.37               | -45.66               | -48.99               | -43.73               |                      |                      |                      |                      | -33.54      | -21.25               | 12.29       |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 4        | 6.00                          | -44.46               | -45.33               | -49.52               | -44.08               |                      |                      |                      |                      | -33.38      | -21.25               | 12.13       |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 4        | 6.00                          | -40.24               | -44.33               | -44.35               | -36.66               |                      |                      |                      |                      | -28.16      | -21.25               | 6.91        |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 4        | 6.00                          | -39.67               | -47.07               | -46.18               | -41.12               |                      |                      |                      |                      | -30.40      | -21.25               | 9.15        |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 6        | 9.00                          | -44.71               | -45.61               | -47.23               | -44.25               | -45.54               | -47.71               |                      |                      | -28.89      | -21.25               | 7.64        |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 6        | 8.39                          | -43.14               | -46.59               | -48.88               | -43.80               | -45.77               | -49.44               |                      |                      | -29.49      | -21.25               | 8.24        |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 6        | 7.51                          | -45.63               | -48.02               | -35.65               | -46.57               | -44.20               | -36.17               |                      |                      | -24.59      | -21.25               | 3.34        |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 6        | 6.88                          | -42.70               | -43.75               | -45.21               | -42.77               | -44.66               | -33.76               |                      |                      | -25.10      | -21.25               | 3.85        |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5                | 6        | 6.40                          | -47.84               | -48.97               | -50.76               | -45.90               | -45.11               | -50.82               |                      |                      | -33.50      | -21.25               | 12.25       |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6                | 6        | 6.00                          | -35.39               | -45.86               | -45.85               | -42.81               | -42.83               | -47.15               |                      |                      | -27.33      | -21.25               | 6.08        |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 8        | 9.00                          | -44.49               | -47.49               | -49.99               | -45.01               | -42.04               | -47.92               | -46.69               | -47.57               | -27.73      | -21.25               | 6.48        |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 8        | 9.00                          | -41.72               | -48.05               | -51.48               | -46.98               | -47.56               | -48.10               | -47.66               | -48.73               | -28.60      | -21.25               | 7.35        |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 8        | 8.13                          | -46.34               | -36.79               | -35.89               | -44.73               | -44.48               | -45.43               | -46.68               | -35.89               | -22.49      | -21.25               | 1.24        |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 8        | 7.51                          | -45.47               | -37.08               | -36.64               | -46.70               | -45.84               | -40.69               | -47.63               | -36.90               | -23.48      | -21.25               | 2.23        |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5                | 8        | 7.02                          | -49.62               | -51.22               | -51.44               | -47.62               | -46.46               | -50.40               | -50.26               | -49.61               | -33.20      | -21.25               | 11.95       |



|                                                         |   |       |        |        |        |        |        |        |        |        |        |        |       |
|---------------------------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6                   | 8 | 6.62  | -45.28 | -47.64 | -50.52 | -44.56 | -47.78 | -47.32 | -45.43 | -47.02 | -30.96 | -21.25 | 9.71  |
| VHT/HE40, M0.7 to M9.7, M0.7 to M11.7                   | 8 | 6.29  | -46.49 | -48.90 | -51.33 | -44.59 | -48.27 | -44.66 | -47.23 | -46.81 | -31.50 | -21.25 | 10.25 |
| VHT/HE40, M0.8 to M9.8, M0.8 to M11.8                   | 8 | 6.00  | -41.25 | -38.05 | -34.15 | -45.15 | -41.69 | -45.47 | -47.27 | -32.80 | -22.91 | -21.25 | 1.66  |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 2 | 9.01  | -44.27 | -46.63 |        |        |        |        |        |        | -33.27 | -21.25 | 12.02 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 2 | 6.00  | -43.11 | -44.72 |        |        |        |        |        |        | -34.83 | -21.25 | 13.58 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 3 | 10.77 | -47.18 | -47.87 | -48.98 |        |        |        |        |        | -32.40 | -21.25 | 11.15 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 3 | 7.76  | -44.92 | -47.18 | -48.16 |        |        |        |        |        | -34.01 | -21.25 | 12.76 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 3 | 6.00  | -31.77 | -42.82 | -35.74 |        |        |        |        |        | -24.07 | -21.25 | 2.82  |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 4 | 12.02 | -48.25 | -50.80 | -51.39 | -48.91 |        |        |        |        | -31.61 | -21.25 | 10.36 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 4 | 9.01  | -47.54 | -48.74 | -49.48 | -47.42 |        |        |        |        | -33.18 | -21.25 | 11.93 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 4 | 7.25  | -42.15 | -44.44 | -44.58 | -32.62 |        |        |        |        | -24.43 | -21.25 | 3.18  |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 4 | 6.00  | -37.06 | -39.86 | -38.61 | -35.69 |        |        |        |        | -25.50 | -21.25 | 4.25  |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 6 | 13.78 | -52.15 | -54.35 | -54.87 | -53.49 | -52.35 | -53.65 |        |        | -31.80 | -21.25 | 10.55 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 6 | 10.77 | -50.05 | -50.18 | -52.51 | -51.52 | -52.23 | -54.61 |        |        | -33.04 | -21.25 | 11.79 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 6 | 9.01  | -42.27 | -44.66 | -49.10 | -45.58 | -45.57 | -35.26 |        |        | -24.37 | -21.25 | 3.12  |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 6 | 7.76  | -42.95 | -43.13 | -39.32 | -38.98 | -44.23 | -33.30 |        |        | -22.96 | -21.25 | 1.71  |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5-BF                | 6 | 6.79  | -45.23 | -45.36 | -43.73 | -44.45 | -41.87 | -48.25 |        |        | -29.84 | -21.25 | 8.59  |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6-BF                | 6 | 6.00  | -38.02 | -44.40 | -37.67 | -38.15 | -40.82 | -42.69 |        |        | -25.84 | -21.25 | 4.59  |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 8 | 15.03 | -54.75 | -55.07 | -55.89 | -56.41 | -56.60 | -54.35 | -55.85 | -54.92 | -31.35 | -21.25 | 10.10 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 8 | 12.02 | -52.45 | -54.30 | -55.58 | -52.94 | -52.87 | -53.89 | -54.65 | -54.17 | -32.70 | -21.25 | 11.45 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 8 | 10.26 | -44.38 | -44.15 | -44.45 | -38.51 | -41.16 | -40.69 | -42.92 | -50.09 | -22.14 | -21.25 | 1.73  |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 8 | 9.01  | -39.38 | -46.96 | -38.22 | -51.76 | -51.95 | -39.14 | -41.08 | -43.39 | -23.63 | -21.25 | 2.38  |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5-BF                | 8 | 8.04  | -48.73 | -51.03 | -51.74 | -47.34 | -48.58 | -47.56 | -49.55 | -49.70 | -31.98 | -21.25 | 10.73 |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6-BF                | 8 | 7.25  | -43.72 | -49.65 | -50.15 | -45.61 | -45.12 | -47.68 | -47.99 | -46.74 | -30.31 | -21.25 | 9.06  |
| VHT/HE40, M0.7 to M9.7, M0.7 to M11.7-BF                | 8 | 6.58  | -46.48 | -47.46 | -49.71 | -45.45 | -48.27 | -46.36 | -48.78 | -48.29 | -31.78 | -21.25 | 10.53 |
| VHT/HE40, M0.8 to M9.8, M0.8 to M11.8-BF                | 8 | 6.00  | -40.29 | -46.55 | -46.10 | -37.42 | -38.12 | -42.95 | -38.86 | -44.68 | -25.61 | -21.25 | 4.36  |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC         | 2 | 6.00  | -35.33 | -42.52 |        |        |        |        |        |        | -28.57 | -21.25 | 7.32  |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC         | 3 | 6.00  | -39.92 | -44.55 | -43.89 |        |        |        |        |        | -31.50 | -21.25 | 10.25 |

|                                                 |   |      |        |        |        |        |        |        |        |        |        |        |       |
|-------------------------------------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC | 4 | 6.00 | -42.78 | -44.52 | -45.50 | -40.88 |        |        |        |        | -31.03 | -21.25 | 9.78  |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC | 6 | 6.00 | -44.60 | -47.45 | -46.01 | -42.98 | -43.42 | -48.48 |        |        | -31.27 | -21.25 | 10.02 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC | 8 | 6.00 | -41.27 | -50.11 | -47.89 | -46.55 | -47.27 | -47.26 | -48.96 | -48.02 | -31.24 | -21.25 | 9.99  |

## 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) |
|------------------------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------|-------------|-------------------------|-------------|
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 1        | 6.00                          | -48.85               |                      |                      |                      |                      |                      |                      |                      | 0.36      | -42.49      | -41.25                  | 1.24        |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 2        | 6.00                          | -51.21               | -53.68               |                      |                      |                      |                      |                      |                      | 0.36      | -42.90      | -41.25                  | 1.65        |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 2        | 6.00                          | -51.97               | -54.71               |                      |                      |                      |                      |                      |                      | 0.36      | -43.76      | -41.25                  | 2.51        |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 3        | 6.00                          | -52.65               | -56.43               | -58.04               |                      |                      |                      |                      |                      | 0.36      | -43.97      | -41.25                  | 2.72        |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 3        | 6.00                          | -52.83               | -56.07               | -57.55               |                      |                      |                      |                      |                      | 0.36      | -43.89      | -41.25                  | 2.64        |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 3        | 6.00                          | -53.03               | -56.21               | -58.02               |                      |                      |                      |                      |                      | 0.36      | -44.12      | -41.25                  | 2.87        |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 4        | 6.00                          | -55.13               | -56.57               | -58.72               | -54.19               |                      |                      |                      |                      | 0.36      | -43.46      | -41.25                  | 2.21        |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 4        | 6.00                          | -54.93               | -56.76               | -58.87               | -53.98               |                      |                      |                      |                      | 0.36      | -43.38      | -41.25                  | 2.13        |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 4        | 6.00                          | -56.01               | -57.60               | -59.08               | -54.74               |                      |                      |                      |                      | 0.36      | -44.18      | -41.25                  | 2.93        |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 4        | 6.00                          | -55.69               | -57.46               | -59.02               | -55.07               |                      |                      |                      |                      | 0.36      | -44.17      | -41.25                  | 2.92        |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 6        | 6.00                          | -56.47               | -57.74               | -58.59               | -54.14               | -57.09               | -58.77               |                      |                      | 0.36      | -42.68      | -41.25                  | 1.43        |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 6        | 6.00                          | -56.83               | -59.34               | -58.35               | -54.59               | -56.81               | -58.80               |                      |                      | 0.36      | -43.00      | -41.25                  | 1.75        |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 6        | 6.00                          | -57.34               | -59.68               | -58.47               | -57.56               | -59.61               | -60.36               |                      |                      | 0.36      | -44.55      | -41.25                  | 3.30        |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 6        | 6.00                          | -56.48               | -57.06               | -58.16               | -55.06               | -56.87               | -56.00               |                      |                      | 0.36      | -42.36      | -41.25                  | 1.11        |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5                | 6        | 6.00                          | -57.58               | -59.60               | -61.10               | -56.88               | -58.10               | -62.24               |                      |                      | 0.36      | -44.71      | -41.25                  | 3.46        |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6                | 6        | 6.00                          | -57.96               | -57.12               | -58.94               | -54.98               | -55.94               | -59.07               |                      |                      | 0.36      | -42.93      | -41.25                  | 1.68        |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1   | 8        | 6.00                          | -57.98               | -59.15               | -61.07               | -56.53               | -58.52               | -59.33               | -57.68               | -58.09               | 0.36      | -42.98      | -41.25                  | 1.73        |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2  | 8        | 6.00                          | -58.26               | -58.91               | -61.05               | -58.78               | -58.36               | -58.80               | -57.96               | -58.32               | 0.36      | -43.33      | -41.25                  | 2.08        |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3 | 8        | 6.00                          | -58.46               | -58.21               | -56.18               | -57.69               | -58.74               | -58.76               | -58.92               | -57.32               | 0.36      | -42.55      | -41.25                  | 1.30        |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4 | 8        | 6.00                          | -58.64               | -58.87               | -61.07               | -57.92               | -58.17               | -58.36               | -59.29               | -56.96               | 0.36      | -43.13      | -41.25                  | 1.88        |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5                | 8        | 6.00                          | -58.95               | -61.12               | -62.64               | -58.73               | -60.14               | -60.92               | -59.25               | -60.54               | 0.36      | -44.73      | -41.25                  | 3.48        |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6                | 8        | 6.00                          | -57.22               | -59.24               | -61.07               | -57.82               | -58.89               | -59.27               | -58.52               | -58.80               | 0.36      | -43.34      | -41.25                  | 2.09        |

|                                                         |   |       |        |        |        |        |        |        |        |        |      |        |        |      |
|---------------------------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|--------|------|
| VHT/HE40, M0.7 to M9.7, M0.7 to M11.7                   | 8 | 6.00  | -57.47 | -59.23 | -61.31 | -57.43 | -58.45 | -59.24 | -58.56 | -59.21 | 0.36 | -43.33 | -41.25 | 2.08 |
| VHT/HE40, M0.8 to M9.8, M0.8 to M11.8                   | 8 | 6.00  | -58.73 | -58.77 | -56.63 | -57.82 | -58.47 | -58.36 | -58.16 | -55.85 | 0.36 | -42.34 | -41.25 | 1.09 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 2 | 9.01  | -55.28 | -57.42 |        |        |        |        |        |        | 0.36 | -43.84 | -41.25 | 2.59 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 2 | 6.00  | -53.38 | -56.09 |        |        |        |        |        |        | 0.36 | -45.16 | -41.25 | 3.91 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 3 | 10.77 | -58.06 | -59.93 | -60.36 |        |        |        |        |        | 0.36 | -43.43 | -41.25 | 2.18 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 3 | 7.76  | -56.03 | -57.80 | -58.65 |        |        |        |        |        | 0.36 | -44.46 | -41.25 | 3.21 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 3 | 6.00  | -53.12 | -56.39 | -55.86 |        |        |        |        |        | 0.36 | -43.74 | -41.25 | 2.49 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 4 | 12.02 | -60.12 | -60.59 | -60.92 | -59.26 |        |        |        |        | 0.36 | -41.78 | -41.25 | 0.53 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 4 | 9.01  | -58.39 | -59.24 | -60.75 | -56.36 |        |        |        |        | 0.36 | -43.00 | -41.25 | 1.75 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 4 | 7.25  | -56.04 | -57.34 | -58.85 | -54.69 |        |        |        |        | 0.36 | -42.83 | -41.25 | 1.58 |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 4 | 6.00  | -55.96 | -55.33 | -56.11 | -54.84 |        |        |        |        | 0.36 | -43.15 | -41.25 | 1.90 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 6 | 13.78 | -63.24 | -64.08 | -64.53 | -63.35 | -64.36 | -64.93 |        |        | 0.36 | -42.12 | -41.25 | 0.87 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 6 | 10.77 | -61.00 | -62.72 | -62.72 | -61.50 | -62.03 | -64.17 |        |        | 0.36 | -43.33 | -41.25 | 2.08 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 6 | 9.01  | -59.93 | -59.55 | -59.31 | -57.82 | -59.23 | -59.44 |        |        | 0.36 | -42.01 | -41.25 | 0.76 |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 6 | 7.76  | -58.59 | -57.37 | -61.36 | -56.83 | -57.14 | -56.85 |        |        | 0.36 | -41.87 | -41.25 | 0.62 |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5-BF                | 6 | 6.79  | -56.87 | -57.20 | -56.58 | -55.00 | -56.68 | -62.51 |        |        | 0.36 | -42.05 | -41.25 | 0.80 |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6-BF                | 6 | 6.00  | -58.32 | -58.32 | -58.24 | -54.86 | -54.49 | -56.84 |        |        | 0.36 | -42.39 | -41.25 | 1.14 |
| HT/VHT/HE40, M0 to M7, M0.1 to M9.1, M0.1 to M11.1-BF   | 8 | 15.03 | -65.95 | -66.60 | -66.97 | -66.40 | -65.84 | -66.16 | -66.23 | -65.88 | 0.36 | -41.82 | -41.25 | 0.57 |
| HT/VHT/HE40, M8 to M15, M0.2 to M9.2, M0.2 to M11.2-BF  | 8 | 12.02 | -63.41 | -64.78 | -65.40 | -63.48 | -63.96 | -64.25 | -64.51 | -63.90 | 0.36 | -42.76 | -41.25 | 1.51 |
| HT/VHT/HE40, M16 to M23, M0.3 to M9.3, M0.3 to M11.3-BF | 8 | 10.26 | -62.38 | -61.84 | -62.21 | -61.36 | -59.25 | -61.82 | -61.75 | -61.48 | 0.36 | -41.75 | -41.25 | 0.50 |
| HT/VHT/HE40, M24 to M31, M0.4 to M9.4, M0.4 to M11.4-BF | 8 | 9.01  | -60.27 | -61.66 | -61.88 | -59.18 | -59.09 | -59.53 | -60.23 | -59.49 | 0.36 | -41.65 | -41.25 | 0.40 |
| VHT/HE40, M0.5 to M9.5, M0.5 to M11.5-BF                | 8 | 8.04  | -60.17 | -61.46 | -61.72 | -59.44 | -59.86 | -59.22 | -60.73 | -60.56 | 0.36 | -42.88 | -41.25 | 1.63 |
| VHT/HE40, M0.6 to M9.6, M0.6 to M11.6-BF                | 8 | 7.25  | -60.35 | -60.57 | -60.94 | -57.88 | -59.65 | -58.81 | -59.25 | -58.86 | 0.36 | -42.79 | -41.25 | 1.54 |
| VHT/HE40, M0.7 to M9.7, M0.7 to M11.7-BF                | 8 | 6.58  | -58.12 | -60.69 | -61.19 | -57.28 | -58.88 | -58.45 | -58.94 | -59.10 | 0.36 | -42.95 | -41.25 | 1.70 |
| VHT/HE40, M0.8 to M9.8, M0.8 to M11.8-BF                | 8 | 6.00  | -55.95 | -58.37 | -59.08 | -56.34 | -56.30 | -56.30 | -57.30 | -59.91 | 0.36 | -41.84 | -41.25 | 0.59 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC         | 2 | 6.00  | -51.96 | -53.73 |        |        |        |        |        |        | 0.36 | -43.39 | -41.25 | 2.14 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC         | 3 | 6.00  | -53.16 | -55.07 | -55.22 |        |        |        |        |        | 0.36 | -43.25 | -41.25 | 2.00 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC         | 4 | 6.00  | -53.89 | -55.63 | -55.88 | -52.63 |        |        |        |        | 0.36 | -41.92 | -41.25 | 0.67 |

|                                                 |   |      |        |        |        |        |        |        |        |        |      |        |        |      |
|-------------------------------------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|--------|------|
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC | 6 | 6.00 | -56.35 | -57.40 | -56.46 | -54.26 | -55.36 | -59.94 |        |        | 0.36 | -42.16 | -41.25 | 0.91 |
| HT/VHT/HE40, M0 to M7, M0 to M9, M0 to M11-STBC | 8 | 6.00 | -57.89 | -59.57 | -60.39 | -57.06 | -57.86 | -57.88 | -58.70 | -60.00 | 0.36 | -43.14 | -41.25 | 1.89 |

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) |
|---------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-------------|----------------------|-------------|
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 1        | 6.00                          | -37.40               |                      |                      |                      |                      |                      |                      |                      | -31.40      | -21.25               | 10.15       |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 2        | 6.00                          | -40.51               | -43.26               |                      |                      |                      |                      |                      |                      | -32.66      | -21.25               | 11.41       |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 2        | 6.00                          | -40.28               | -43.35               |                      |                      |                      |                      |                      |                      | -32.54      | -21.25               | 11.29       |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 3        | 6.00                          | -41.58               | -45.09               | -45.17               |                      |                      |                      |                      |                      | -32.83      | -21.25               | 11.58       |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 3        | 6.00                          | -43.22               | -45.37               | -45.69               |                      |                      |                      |                      |                      | -33.84      | -21.25               | 12.59       |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3 | 3        | 6.00                          | -36.62               | -33.85               | -38.92               |                      |                      |                      |                      |                      | -25.20      | -21.25               | 3.95        |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 4        | 6.00                          | -40.46               | -47.29               | -46.85               | -44.88               |                      |                      |                      |                      | -31.91      | -21.25               | 10.66       |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 4        | 6.00                          | -43.55               | -46.88               | -49.79               | -47.14               |                      |                      |                      |                      | -34.25      | -21.25               | 13.00       |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3 | 4        | 6.00                          | -41.85               | -35.69               | -39.92               | -43.73               |                      |                      |                      |                      | -27.19      | -21.25               | 5.94        |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4 | 4        | 6.00                          | -41.19               | -37.91               | -39.27               | -44.73               |                      |                      |                      |                      | -28.09      | -21.25               | 6.84        |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 6        | 6.00                          | -48.19               | -50.75               | -51.69               | -52.00               | -53.35               | -51.32               |                      |                      | -37.13      | -21.25               | 15.88       |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 6        | 6.00                          | -48.41               | -52.11               | -52.52               | -53.17               | -53.22               | -51.45               |                      |                      | -37.67      | -21.25               | 16.42       |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3 | 6        | 6.00                          | -41.91               | -49.05               | -43.90               | -48.65               | -43.94               | -41.78               |                      |                      | -30.23      | -21.25               | 8.98        |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4 | 6        | 6.00                          | -43.98               | -48.56               | -44.57               | -46.66               | -45.63               | -43.47               |                      |                      | -31.38      | -21.25               | 10.13       |
| VHT/HE80, M0.5 to M9.5, M0.5 to M11.5 | 6        | 6.00                          | -45.21               | -46.96               | -46.61               | -48.12               | -42.79               | -41.05               |                      |                      | -30.60      | -21.25               | 9.35        |
| VHT/HE80, M0.6 to M9.6, M0.6 to M11.6 | 6        | 6.00                          | -42.63               | -46.48               | -46.16               | -45.97               | -44.47               | -41.00               |                      |                      | -30.17      | -21.25               | 8.92        |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 8        | 6.00                          | -45.43               | -50.78               | -52.29               | -50.75               | -50.38               | -52.49               | -52.40               | -54.02               | -35.20      | -21.25               | 13.95       |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 8        | 6.00                          | -49.54               | -50.76               | -52.43               | -49.41               | -52.64               | -52.45               | -52.66               | -55.13               | -36.49      | -21.25               | 15.24       |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3 | 8        | 6.00                          | -44.00               | -50.27               | -39.86               | -48.23               | -48.44               | -47.38               | -50.52               | -51.72               | -30.66      | -21.25               | 9.41        |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4 | 8        | 6.00                          | -47.50               | -49.51               | -39.93               | -44.96               | -52.99               | -50.41               | -50.76               | -39.71               | -29.34      | -21.25               | 8.09        |
| VHT/HE80, M0.5 to M9.5, M0.5 to M11.5 | 8        | 6.00                          | -47.28               | -50.42               | -52.90               | -47.83               | -50.61               | -48.71               | -50.50               | -39.91               | -31.39      | -21.25               | 10.14       |

|                                          |   |       |        |        |        |        |        |        |        |        |        |        |       |
|------------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT/HE80, M0.6 to M9.6, M0.6 to M11.6    | 8 | 6.00  | -48.27 | -51.30 | -39.32 | -47.99 | -51.18 | -52.17 | -45.64 | -51.76 | -30.93 | -21.25 | 9.68  |
| VHT/HE80, M0.7 to M9.7, M0.7 to M11.7    | 8 | 6.00  | -47.83 | -50.49 | -39.44 | -49.89 | -52.85 | -52.70 | -51.39 | -53.11 | -31.64 | -21.25 | 10.39 |
| VHT/HE80, M0.8 to M9.8, M0.8 to M11.8    | 8 | 6.00  | -47.80 | -48.39 | -35.54 | -48.19 | -49.91 | -48.42 | -47.71 | -42.85 | -27.78 | -21.25 | 6.53  |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 2 | 9.01  | -46.91 | -48.30 |        |        |        |        |        |        | -35.53 | -21.25 | 14.28 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 2 | 6.00  | -38.20 | -43.51 |        |        |        |        |        |        | -31.08 | -21.25 | 9.83  |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 3 | 10.77 | -49.26 | -51.19 | -53.95 |        |        |        |        |        | -35.52 | -21.25 | 14.27 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 3 | 7.76  | -47.11 | -49.04 | -53.08 |        |        |        |        |        | -36.58 | -21.25 | 15.33 |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3-BF | 3 | 6.00  | -38.30 | -34.55 | -42.55 |        |        |        |        |        | -26.56 | -21.25 | 5.31  |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 4 | 12.02 | -48.53 | -54.15 | -56.69 | -54.45 |        |        |        |        | -34.25 | -21.25 | 13.00 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 4 | 9.01  | -50.41 | -50.76 | -53.75 | -50.67 |        |        |        |        | -36.18 | -21.25 | 14.93 |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3-BF | 4 | 7.25  | -41.75 | -47.94 | -46.47 | -36.90 |        |        |        |        | -27.84 | -21.25 | 6.59  |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4-BF | 4 | 6.00  | -42.42 | -37.71 | -34.74 | -43.75 |        |        |        |        | -26.19 | -21.25 | 4.94  |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 6 | 13.78 | -55.79 | -57.83 | -58.41 | -58.40 | -48.08 | -57.44 |        |        | -32.32 | -21.25 | 11.07 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 6 | 10.77 | -52.72 | -51.14 | -57.75 | -54.77 | -56.35 | -55.72 |        |        | -35.60 | -21.25 | 14.35 |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3-BF | 6 | 9.01  | -41.83 | -40.79 | -46.41 | -47.00 | -55.84 | -39.61 |        |        | -26.16 | -21.25 | 4.91  |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4-BF | 6 | 7.76  | -47.88 | -47.45 | -42.40 | -49.62 | -52.91 | -54.52 |        |        | -31.77 | -21.25 | 10.52 |
| VHT/HE80, M0.5 to M9.5, M0.5 to M11.5-BF | 6 | 6.79  | -45.90 | -47.22 | -51.33 | -44.78 | -43.62 | -50.18 |        |        | -31.80 | -21.25 | 10.55 |
| VHT/HE80, M0.6 to M9.6, M0.6 to M11.6-BF | 6 | 6.00  | -44.48 | -45.97 | -53.85 | -42.79 | -46.41 | -49.36 |        |        | -32.18 | -21.25 | 10.93 |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 8 | 15.03 | -58.69 | -58.71 | -58.29 | -57.80 | -58.81 | -58.53 | -58.48 | -57.81 | -34.31 | -21.25 | 13.06 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 8 | 12.02 | -55.86 | -58.72 | -57.65 | -58.84 | -55.69 | -55.91 | -56.76 | -58.63 | -36.02 | -21.25 | 14.77 |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3-BF | 8 | 10.26 | -43.59 | -58.43 | -57.99 | -58.33 | -44.57 | -47.97 | -44.36 | -58.71 | -28.37 | -21.25 | 7.12  |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4-BF | 8 | 9.01  | -45.14 | -57.97 | -57.72 | -58.12 | -44.49 | -45.84 | -44.79 | -58.37 | -29.79 | -21.25 | 8.54  |
| VHT/HE80, M0.5 to M9.5, M0.5 to M11.5-BF | 8 | 8.04  | -48.50 | -49.36 | -38.45 | -48.59 | -49.67 | -47.48 | -50.29 | -53.42 | -28.44 | -21.25 | 7.19  |
| VHT/HE80, M0.6 to M9.6, M0.6 to M11.6-BF | 8 | 7.25  | -47.96 | -51.60 | -53.72 | -49.75 | -48.44 | -47.11 | -50.51 | -52.44 | -33.40 | -21.25 | 12.15 |
| VHT/HE80, M0.7 to M9.7, M0.7 to M11.7-BF | 8 | 6.58  | -48.52 | -49.64 | -54.05 | -46.92 | -50.66 | -48.94 | -47.27 | -51.41 | -33.57 | -21.25 | 12.32 |
| VHT/HE80, M0.8 to M9.8, M0.8 to M11.8-BF | 8 | 6.00  | -48.54 | -48.32 | -53.34 | -46.61 | -48.79 | -50.35 | -48.89 | -39.47 | -30.91 | -21.25 | 9.66  |
| VHT/HE80, M0 to M9, M0 to M11-STBC       | 2 | 6.00  | -39.66 | -44.12 |        |        |        |        |        |        | -32.33 | -21.25 | 11.08 |
| VHT/HE80, M0 to M9, M0 to M11-STBC       | 3 | 6.00  | -42.72 | -44.47 | -47.71 |        |        |        |        |        | -33.74 | -21.25 | 12.49 |

|                                    |   |      |        |        |        |        |        |        |        |        |        |        |       |
|------------------------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| VHT/HE80, M0 to M9, M0 to M11-STBC | 4 | 6.00 | -42.01 | -45.70 | -49.21 | -47.23 |        |        |        |        | -33.18 | -21.25 | 11.93 |
| VHT/HE80, M0 to M9, M0 to M11-STBC | 6 | 6.00 | -45.32 | -46.42 | -50.03 | -48.35 | -50.70 | -51.51 |        |        | -34.35 | -21.25 | 13.10 |
| VHT/HE80, M0 to M9, M0 to M11-STBC | 8 | 6.00 | -50.30 | -53.09 | -50.56 | -53.38 | -52.54 | -51.92 | -50.79 | -54.71 | -36.90 | -21.25 | 15.65 |



## 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) |
|---------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------|-------------|-------------------------|-------------|
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 1        | 6.00                          | -54.88               |                      |                      |                      |                      |                      |                      |                      | 0.44      | -48.44      | -41.25                  | 7.19        |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 2        | 6.00                          | -55.16               | -54.47               |                      |                      |                      |                      |                      |                      | 0.44      | -45.35      | -41.25                  | 4.10        |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 2        | 6.00                          | -70.78               | -54.03               |                      |                      |                      |                      |                      |                      | 0.44      | -47.50      | -41.25                  | 6.25        |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 3        | 6.00                          | -52.41               | -56.11               | -57.39               |                      |                      |                      |                      |                      | 0.44      | -43.55      | -41.25                  | 2.30        |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 3        | 6.00                          | -53.11               | -56.15               | -68.91               |                      |                      |                      |                      |                      | 0.44      | -44.84      | -41.25                  | 3.59        |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3 | 3        | 6.00                          | -58.40               | -53.18               | -55.07               |                      |                      |                      |                      |                      | 0.44      | -43.84      | -41.25                  | 2.59        |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 4        | 6.00                          | -54.98               | -56.81               | -59.70               | -57.22               |                      |                      |                      |                      | 0.44      | -44.41      | -41.25                  | 3.16        |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 4        | 6.00                          | -55.56               | -57.63               | -60.36               | -57.48               |                      |                      |                      |                      | 0.44      | -44.98      | -41.25                  | 3.73        |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3 | 4        | 6.00                          | -59.45               | -55.15               | -57.26               | -55.97               |                      |                      |                      |                      | 0.44      | -44.22      | -41.25                  | 2.97        |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4 | 4        | 6.00                          | -56.13               | -55.23               | -56.99               | -55.79               |                      |                      |                      |                      | 0.44      | -43.53      | -41.25                  | 2.28        |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 6        | 6.00                          | -60.65               | -61.32               | -62.83               | -62.98               | -63.85               | -62.01               |                      |                      | 0.44      | -47.92      | -41.25                  | 6.67        |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 6        | 6.00                          | -59.49               | -61.23               | -62.51               | -62.86               | -63.80               | -62.14               |                      |                      | 0.44      | -47.56      | -41.25                  | 6.31        |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3 | 6        | 6.00                          | -57.53               | -60.01               | -60.33               | -61.14               | -62.04               | -60.06               |                      |                      | 0.44      | -45.73      | -41.25                  | 4.48        |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4 | 6        | 6.00                          | -57.55               | -59.75               | -61.01               | -61.33               | -62.60               | -60.24               |                      |                      | 0.44      | -45.89      | -41.25                  | 4.64        |
| VHT/HE80, M0.5 to M9.5, M0.5 to M11.5 | 6        | 6.00                          | -57.84               | -59.60               | -60.33               | -60.68               | -62.21               | -59.39               |                      |                      | 0.44      | -45.58      | -41.25                  | 4.33        |
| VHT/HE80, M0.6 to M9.6, M0.6 to M11.6 | 6        | 6.00                          | -57.03               | -59.94               | -60.54               | -61.00               | -61.95               | -59.28               |                      |                      | 0.44      | -45.44      | -41.25                  | 4.19        |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1 | 8        | 6.00                          | -66.24               | -61.84               | -63.47               | -61.59               | -63.95               | -62.36               | -62.62               | -64.83               | 0.44      | -47.66      | -41.25                  | 6.41        |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2 | 8        | 6.00                          | -60.01               | -61.26               | -63.90               | -61.19               | -63.75               | -62.78               | -65.06               | -64.49               | 0.44      | -47.00      | -41.25                  | 5.75        |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3 | 8        | 6.00                          | -60.48               | -65.38               | -59.07               | -62.01               | -63.58               | -63.13               | -62.63               | -64.71               | 0.44      | -46.69      | -41.25                  | 5.44        |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4 | 8        | 6.00                          | -60.59               | -61.91               | -58.83               | -61.76               | -64.00               | -63.04               | -63.19               | -60.44               | 0.44      | -45.95      | -41.25                  | 4.70        |
| VHT/HE80, M0.5 to M9.5, M0.5 to M11.5 | 8        | 6.00                          | -60.67               | -62.14               | -64.39               | -62.07               | -64.44               | -69.27               | -62.64               | -60.65               | 0.44      | -47.19      | -41.25                  | 5.94        |
| VHT/HE80, M0.6 to M9.6, M0.6 to M11.6 | 8        | 6.00                          | -60.73               | -62.10               | -58.79               | -61.76               | -64.38               | -63.41               | -62.67               | -64.93               | 0.44      | -46.46      | -41.25                  | 5.21        |

|                                          |   |       |        |        |        |        |        |        |        |        |      |        |        |      |
|------------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|--------|------|
| VHT/HE80, M0.7 to M9.7, M0.7 to M11.7    | 8 | 6.00  | -60.65 | -66.18 | -58.83 | -61.69 | -63.92 | -62.92 | -62.89 | -64.90 | 0.44 | -46.71 | -41.25 | 5.46 |
| VHT/HE80, M0.8 to M9.8, M0.8 to M11.8    | 8 | 6.00  | -60.59 | -63.72 | -59.23 | -61.83 | -63.80 | -62.90 | -62.88 | -61.15 | 0.44 | -46.27 | -41.25 | 5.02 |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 2 | 9.01  | -57.05 | -59.83 |        |        |        |        |        |        | 0.44 | -45.76 | -41.25 | 4.51 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 2 | 6.00  | -53.64 | -54.74 |        |        |        |        |        |        | 0.44 | -44.70 | -41.25 | 3.45 |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 3 | 10.77 | -60.23 | -62.09 | -64.97 |        |        |        |        |        | 0.44 | -46.04 | -41.25 | 4.79 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 3 | 7.76  | -57.42 | -59.53 | -63.01 |        |        |        |        |        | 0.44 | -46.45 | -41.25 | 5.20 |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3-BF | 3 | 6.00  | -58.39 | -55.16 | -56.99 |        |        |        |        |        | 0.44 | -45.43 | -41.25 | 4.18 |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 4 | 12.02 | -62.48 | -64.21 | -66.40 | -65.04 |        |        |        |        | 0.44 | -45.82 | -41.25 | 4.57 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 4 | 9.01  | -60.12 | -65.67 | -64.01 | -61.32 |        |        |        |        | 0.44 | -46.79 | -41.25 | 5.54 |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3-BF | 4 | 7.25  | -58.45 | -59.46 | -62.36 | -58.34 |        |        |        |        | 0.44 | -45.68 | -41.25 | 4.43 |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4-BF | 4 | 6.00  | -56.78 | -54.19 | -55.92 | -55.38 |        |        |        |        | 0.44 | -43.00 | -41.25 | 1.75 |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 6 | 13.78 | -65.69 | -69.12 | -68.84 | -68.74 | -66.97 | -69.69 |        |        | 0.44 | -45.94 | -41.25 | 4.69 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 6 | 10.77 | -64.23 | -63.25 | -67.56 | -65.83 | -69.92 | -65.88 |        |        | 0.44 | -46.62 | -41.25 | 5.37 |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3-BF | 6 | 9.01  | -60.29 | -59.92 | -66.71 | -63.64 | -68.88 | -62.29 |        |        | 0.44 | -45.34 | -41.25 | 4.09 |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4-BF | 6 | 7.76  | -61.85 | -60.85 | -63.26 | -62.47 | -64.07 | -64.61 |        |        | 0.44 | -46.68 | -41.25 | 5.43 |
| VHT/HE80, M0.5 to M9.5, M0.5 to M11.5-BF | 6 | 6.79  | -59.05 | -58.77 | -64.87 | -60.12 | -62.31 | -62.49 |        |        | 0.44 | -45.76 | -41.25 | 4.51 |
| VHT/HE80, M0.6 to M9.6, M0.6 to M11.6-BF | 6 | 6.00  | -59.17 | -58.81 | -64.73 | -59.32 | -62.15 | -62.26 |        |        | 0.44 | -46.37 | -41.25 | 5.12 |
| VHT/HE80, M0.1 to M9.1, M0.1 to M11.1-BF | 8 | 15.03 | -68.03 | -69.58 | -68.98 | -69.13 | -67.61 | -68.88 | -68.69 | -68.79 | 0.44 | -44.17 | -41.25 | 2.92 |
| VHT/HE80, M0.2 to M9.2, M0.2 to M11.2-BF | 8 | 12.02 | -65.81 | -69.84 | -68.86 | -68.86 | -66.62 | -70.65 | -66.24 | -68.95 | 0.44 | -46.42 | -41.25 | 5.17 |
| VHT/HE80, M0.3 to M9.3, M0.3 to M11.3-BF | 8 | 10.26 | -63.77 | -69.39 | -69.03 | -68.28 | -63.16 | -64.70 | -62.81 | -68.53 | 0.44 | -45.69 | -41.25 | 4.44 |
| VHT/HE80, M0.4 to M9.4, M0.4 to M11.4-BF | 8 | 9.01  | -63.95 | -69.26 | -69.36 | -68.74 | -63.73 | -66.88 | -63.22 | -68.90 | 0.44 | -47.53 | -41.25 | 6.28 |
| VHT/HE80, M0.5 to M9.5, M0.5 to M11.5-BF | 8 | 8.04  | -60.49 | -61.75 | -58.79 | -61.93 | -64.09 | -63.09 | -62.92 | -64.86 | 0.44 | -44.32 | -41.25 | 3.07 |
| VHT/HE80, M0.6 to M9.6, M0.6 to M11.6-BF | 8 | 7.25  | -60.62 | -62.02 | -64.20 | -62.16 | -63.94 | -63.02 | -62.77 | -65.17 | 0.44 | -46.06 | -41.25 | 4.81 |
| VHT/HE80, M0.7 to M9.7, M0.7 to M11.7-BF | 8 | 6.58  | -60.83 | -61.97 | -67.05 | -61.95 | -63.98 | -63.22 | -62.79 | -65.04 | 0.44 | -46.95 | -41.25 | 5.70 |
| VHT/HE80, M0.8 to M9.8, M0.8 to M11.8-BF | 8 | 6.00  | -60.46 | -61.99 | -64.68 | -61.76 | -65.82 | -63.01 | -62.94 | -64.66 | 0.44 | -47.38 | -41.25 | 6.13 |
| VHT/HE80, M0 to M9, M0 to M11-STBC       | 2 | 6.00  | -56.80 | -54.49 |        |        |        |        |        |        | 0.44 | -46.04 | -41.25 | 4.79 |
| VHT/HE80, M0 to M9, M0 to M11-STBC       | 3 | 6.00  | -52.42 | -55.20 | -58.44 |        |        |        |        |        | 0.44 | -43.48 | -41.25 | 2.23 |
| VHT/HE80, M0 to M9, M0 to M11-STBC       | 4 | 6.00  | -54.90 | -56.94 | -70.77 | -57.18 |        |        |        |        | 0.44 | -44.95 | -41.25 | 3.70 |

|                                    |   |      |        |        |        |        |        |        |        |        |      |        |        |      |
|------------------------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|--------|------|
| VHT/HE80, M0 to M9, M0 to M11-STBC | 6 | 6.00 | -58.10 | -59.41 | -60.32 | -58.88 | -62.05 | -61.89 |        |        | 0.44 | -45.64 | -41.25 | 4.39 |
| VHT/HE80, M0 to M9, M0 to M11-STBC | 8 | 6.00 | -61.14 | -63.71 | -61.36 | -63.66 | -63.70 | -63.11 | -62.59 | -64.64 | 0.44 | -47.36 | -41.25 | 6.11 |

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