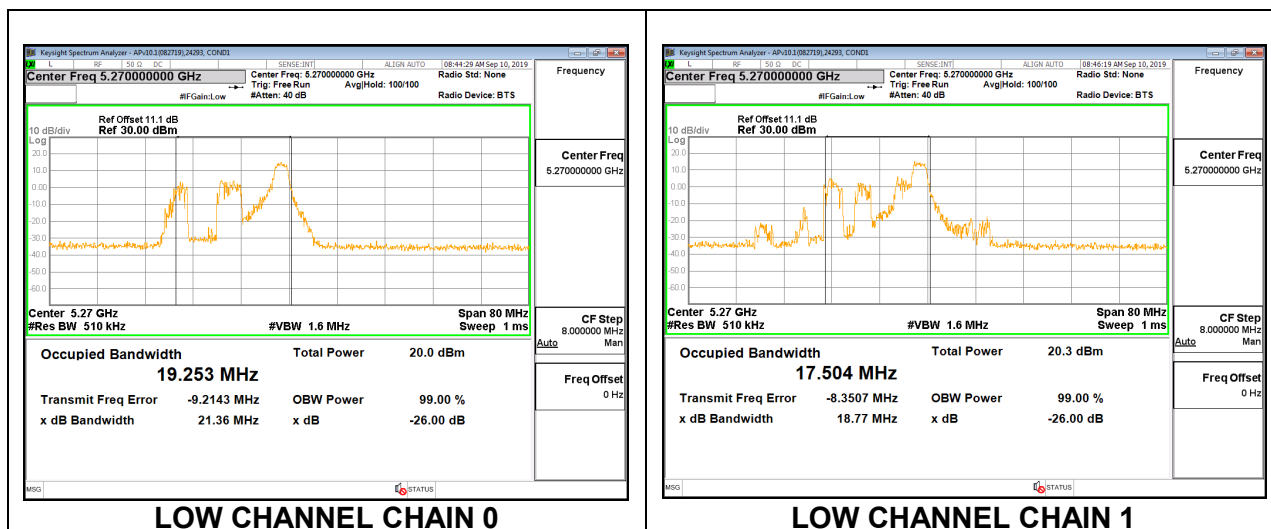


**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 8**

| Channel | Frequency<br>(MHz) | 99% Bandwidth<br>Chain 0<br>(MHz) | 99% Bandwidth<br>Chain 1<br>(MHz) |
|---------|--------------------|-----------------------------------|-----------------------------------|
| Low     | 5270               | 19.253                            | 17.504                            |
| High    | 5310               | 19.075                            | 17.940                            |

**LOW CHANNEL**

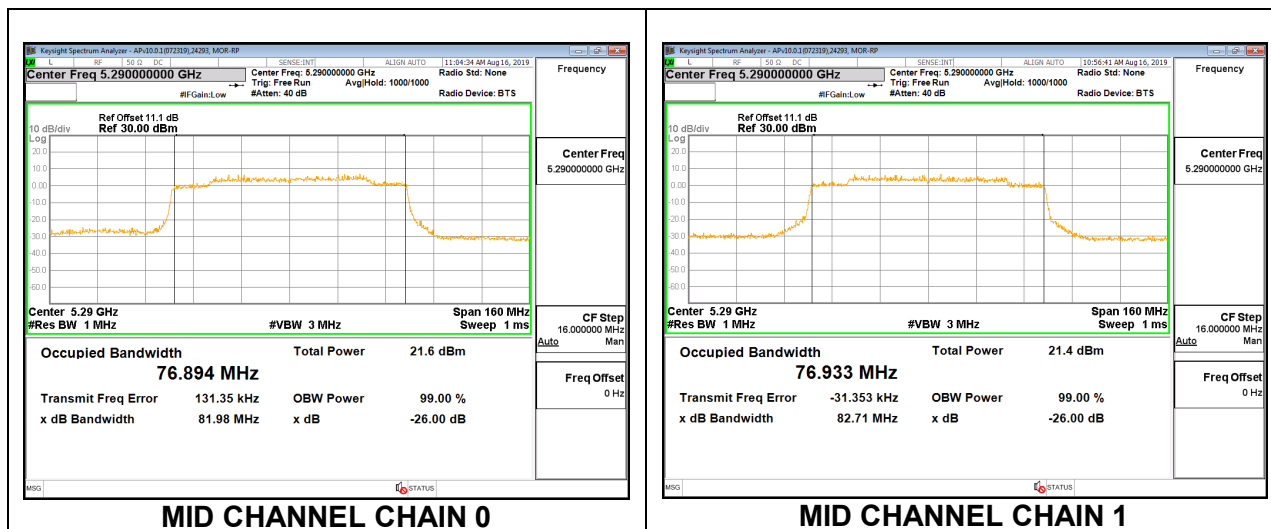


### 9.3.6. 802.11ax HE80 MODE IN THE 5.3 GHz BAND

#### 2TX Antenna 1 + Antenna 2 SU MODE

| Channel | Frequency | 99% Bandwidth<br>Chain 0<br>(MHz) | 99% Bandwidth<br>Chain 1<br>(MHz) |
|---------|-----------|-----------------------------------|-----------------------------------|
| Mid     | 5290      | 76.894                            | 76.933                            |

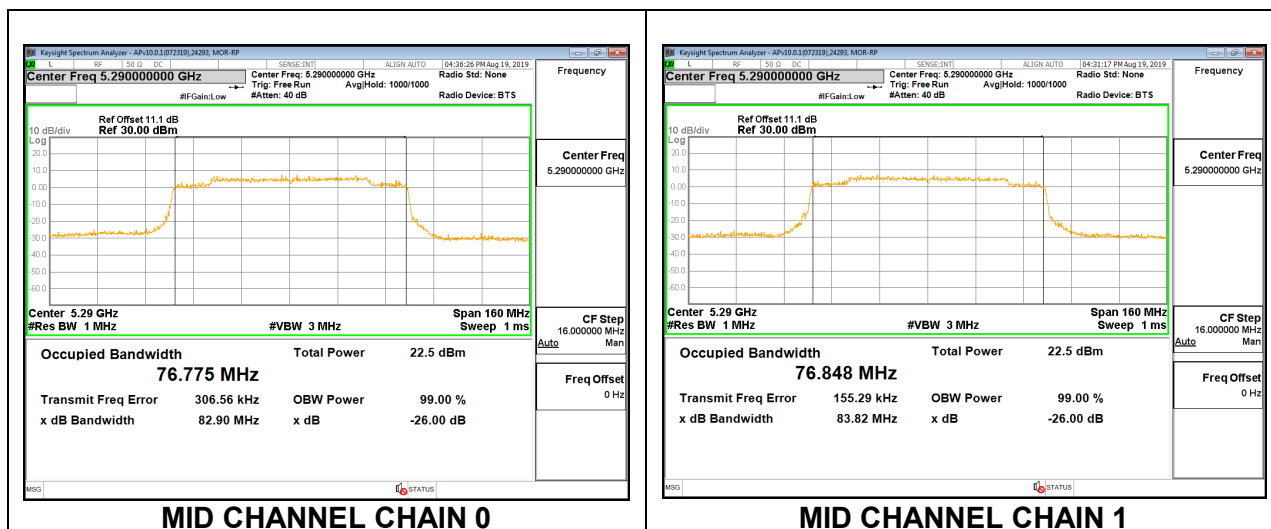
#### MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 996-Tones, RU Index 67**

| Channel | Frequency<br>(MHz) | 99% Bandwidth<br>Chain 0<br>(MHz) | 99% Bandwidth<br>Chain 1<br>(MHz) |
|---------|--------------------|-----------------------------------|-----------------------------------|
| Mid     | 5290               | 76.775                            | 76.848                            |

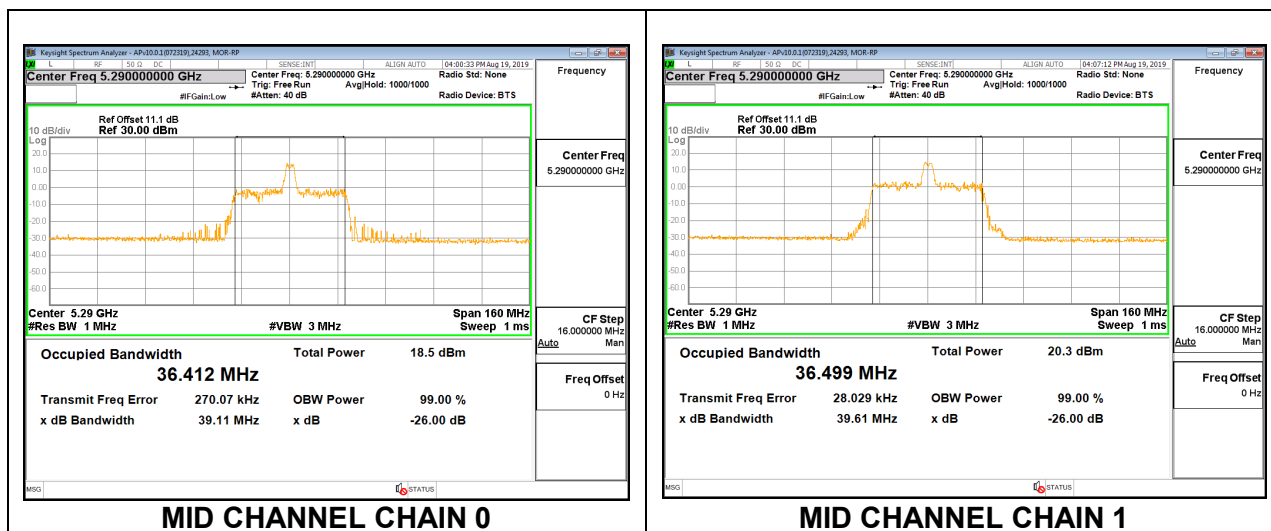
**MID CHANNEL**



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 18**

| Channel | Frequency<br>(MHz) | 99% Bandwidth<br>Chain 0<br>(MHz) | 99% Bandwidth<br>Chain 1<br>(MHz) |
|---------|--------------------|-----------------------------------|-----------------------------------|
| Mid     | 5290               | 36.412                            | 36.499                            |

**MID CHANNEL**

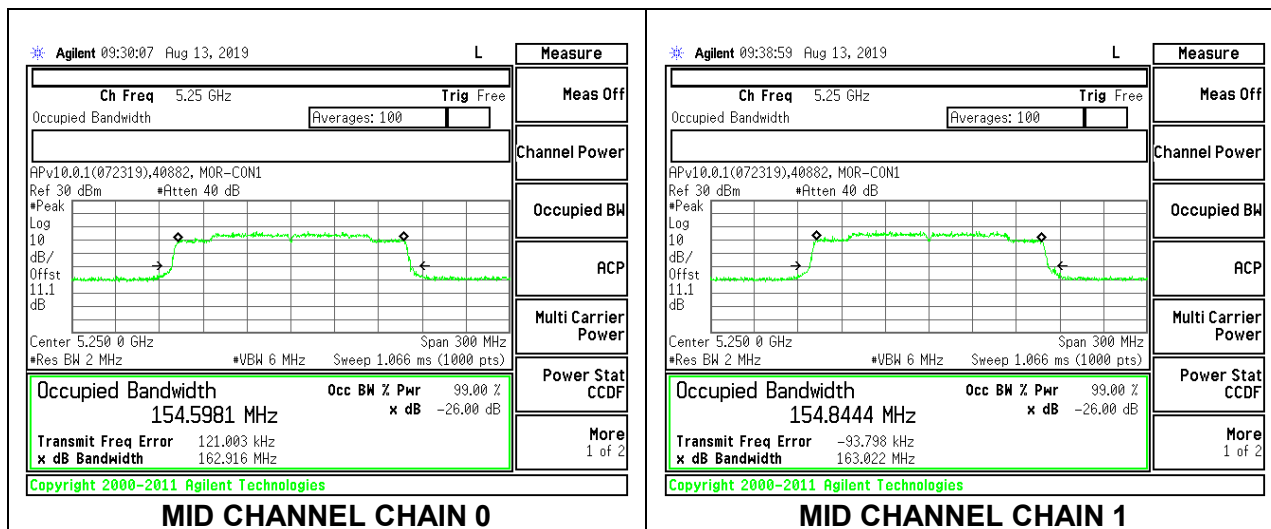


### 9.3.7. 802.11ax HE160 MODE IN THE 5.2 & 5.3 GHz BAND

#### 2TX Antenna 1 + Antenna 2 SU MODE

| Channel | Frequency<br>(MHz) | 99% Bandwidth<br>Chain 0<br>(MHz) | 99% Bandwidth<br>Chain 1<br>(MHz) |
|---------|--------------------|-----------------------------------|-----------------------------------|
| Mid     | 5250               | 154.598                           | 154.844                           |

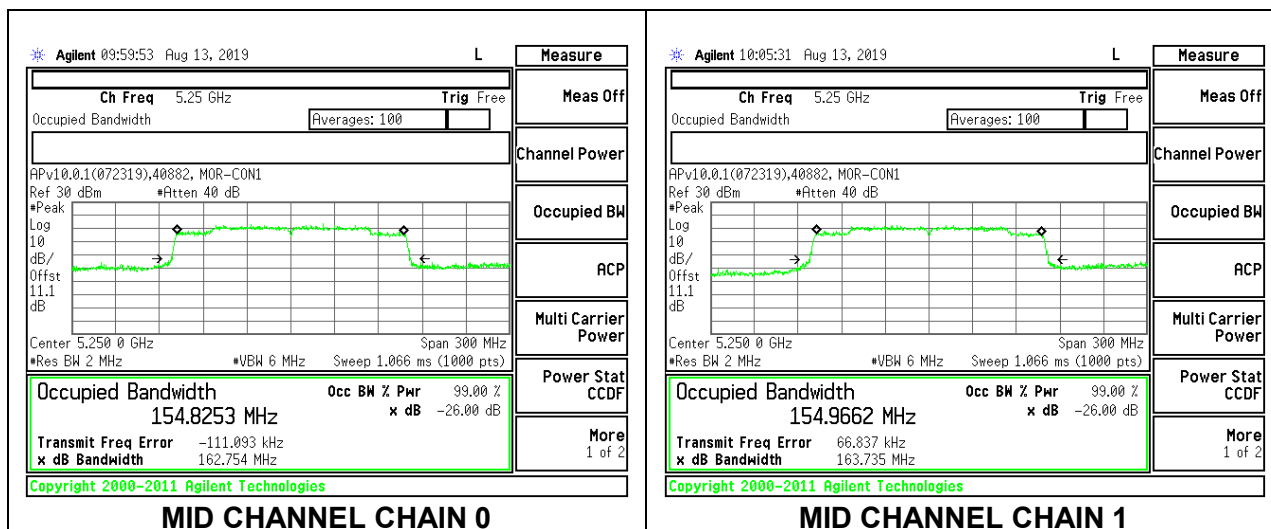
#### MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 2x996-Tones, RU Index 68**

| Channel | Frequency<br>(MHz) | 99% Bandwidth<br>Chain 0<br>(MHz) | 99% Bandwidth<br>Chain 1<br>(MHz) |
|---------|--------------------|-----------------------------------|-----------------------------------|
| Mid     | 5250               | 154.825                           | 154.966                           |

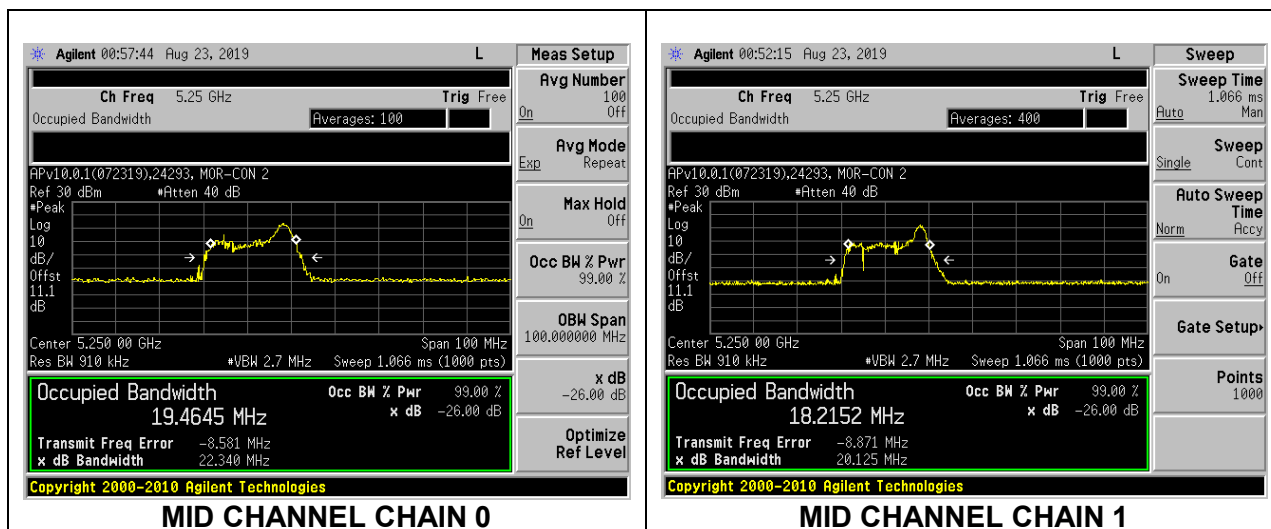
**MID CHANNEL**



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 36**

| Channel | Frequency<br>(MHz) | 99% Bandwidth<br>Chain 0<br>(MHz) | 99% Bandwidth<br>Chain 1<br>(MHz) |
|---------|--------------------|-----------------------------------|-----------------------------------|
| Mid     | 5250               | 19.465                            | 18.215                            |

**MID CHANNEL**



## 9.4. OUTPUT POWER AND PSD

### LIMITS

#### **FCC §15.407**

##### **Band 5.15–5.25 GHz**

(iv) For mobile and portable 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.

##### **Bands 5.25-5.35 GHz and 5.47-5.725 GHz**

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.

##### **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.

## **RSS-247**

### **Band 5.15-5.25 GHz**

The maximum e.i.r.p. shall not exceed 200 mW or  $10 + 10 \log_{10} B$ , dBm, whichever power is less. B is the 99% emission bandwidth in megahertz. The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.

### **Band 5.25-5.35 GHz**

The maximum conducted output power shall not exceed 250 mW or  $11 + 10 \log_{10} B$ , dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

The maximum e.i.r.p. shall not exceed 1.0 W or  $17 + 10 \log_{10} B$ , dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

### **Bands 5.47-5.6 GHz and 5.65-5.725 GHz**

The maximum conducted output power shall not exceed 250 mW or  $11 + 10 \log_{10} B$ , dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

The maximum e.i.r.p. shall not exceed 1.0 W or  $17 + 10 \log_{10} B$ , dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

### **Band 5.725-5.85 GHz**

The maximum conducted output power shall not exceed 1 W. The 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 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 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.

## **TEST PROCEDURE**

The measurement method used for output power is KDB 789033 D02 v02r01, Section E.3.b (Method PM-G).

The measurement method used for power spectral density is KDB 789033 D02 v02r01, Section F

### **DIRECTIONAL ANTENNA GAIN**

For 2 TX:

Tx chains are uncorrelated for power and uncorrelated for PSD due to all testing at NSS2 (SDM) in all 802.11ax MIMO modes. The directional gains are as follows:

| <b>Band<br/>(GHz)</b> | <b>Chain 0<br/>Antenna<br/>Gain<br/>(dBi)</b> | <b>Chain 1<br/>Antenna<br/>Gain<br/>(dBi)</b> | <b>Uncorrelated Chains<br/>Directional<br/>Gain<br/>(dBi)</b> | <b>Correlated Chains<br/>Directional<br/>Gain<br/>(dBi)</b> |
|-----------------------|-----------------------------------------------|-----------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------|
| 5.2                   | 4.90                                          | 4.40                                          | 4.66                                                          | 7.66                                                        |
| 5.3                   | 6.10                                          | 5.00                                          | 5.58                                                          | 8.58                                                        |
| 5.6                   | 7.20                                          | 5.50                                          | 6.43                                                          | 9.40                                                        |
| 5.8                   | 9.40                                          | 5.60                                          | 7.90                                                          | 10.72                                                       |

Note – The above gains are the worst-case model 1867 gains.

## RESULTS

### 9.4.1. 802.11ax HE20 MODE IN THE 5.2 GHz BAND (FCC)

#### 2TX Antenna 1 + Antenna 2 SU MODE

##### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Low     | 5180               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| Mid     | 5200               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| High    | 5240               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

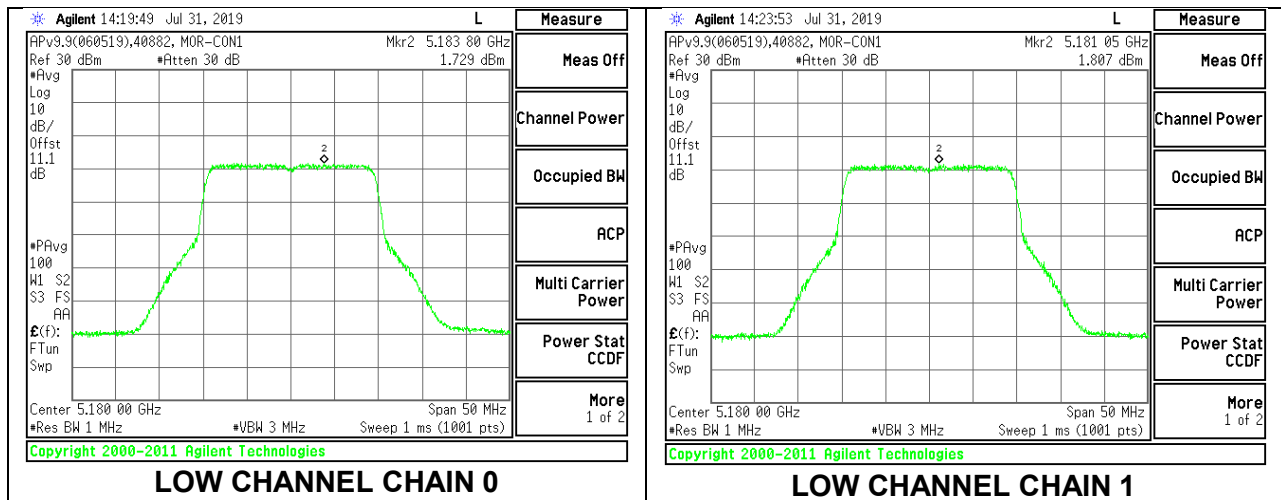
##### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5180               | 13.22                             | 13.13                             | 16.19                             | 24.00                   | -7.81                   |
| Mid     | 5200               | 13.32                             | 13.19                             | 16.27                             | 24.00                   | -7.73                   |
| High    | 5240               | 13.23                             | 13.08                             | 16.17                             | 24.00                   | -7.83                   |

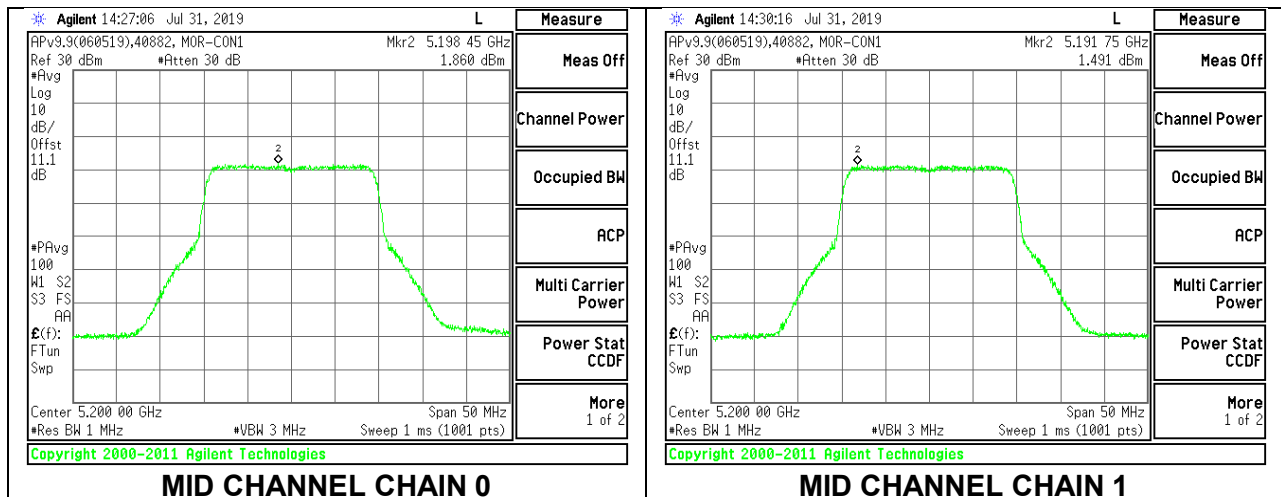
##### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|-----------------------|
| Low     | 5180               | 1.729                                | 1.807                                | 4.78                                 | 11.00                          | -6.22                 |
| Mid     | 5200               | 1.860                                | 1.491                                | 4.69                                 | 11.00                          | -6.31                 |
| High    | 5240               | 1.587                                | 1.778                                | 4.69                                 | 11.00                          | -6.31                 |

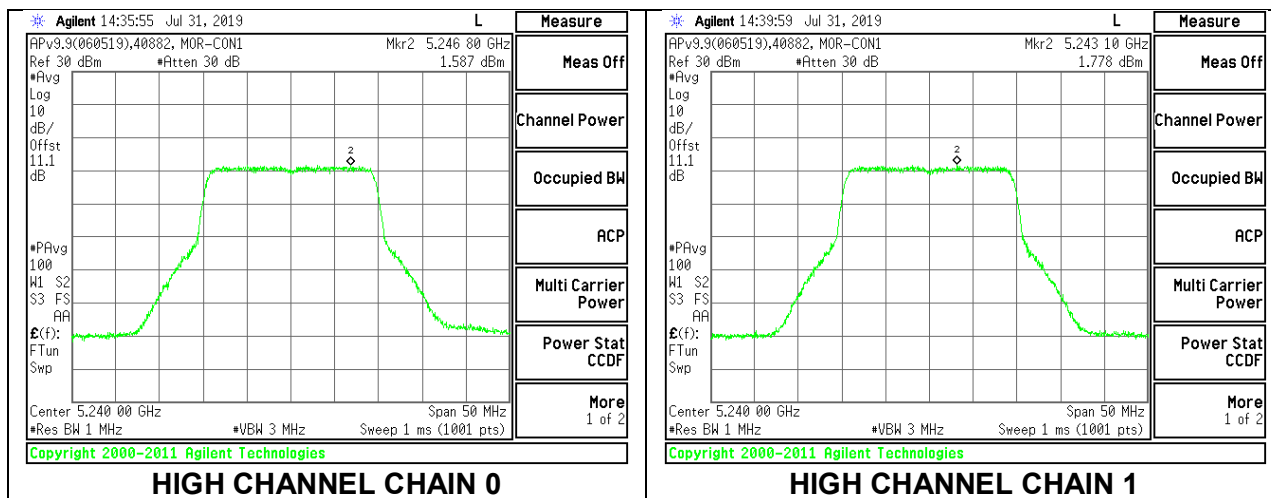
## LOW CHANNEL



## MID CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 242-Tones, RU Index 61**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Low     | 5180               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| Mid     | 5200               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| High    | 5240               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

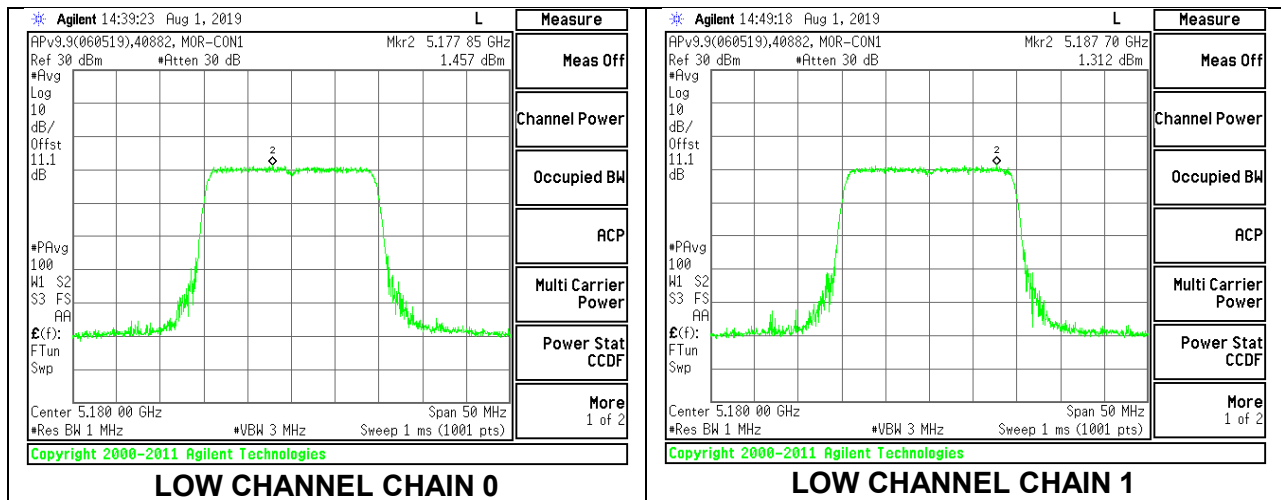
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5180               | 12.74                             | 12.55                             | 15.66                             | 24.00                   | -8.34                   |
| Mid     | 5200               | 12.78                             | 12.52                             | 15.66                             | 24.00                   | -8.34                   |
| High    | 5240               | 12.68                             | 12.48                             | 15.59                             | 24.00                   | -8.41                   |

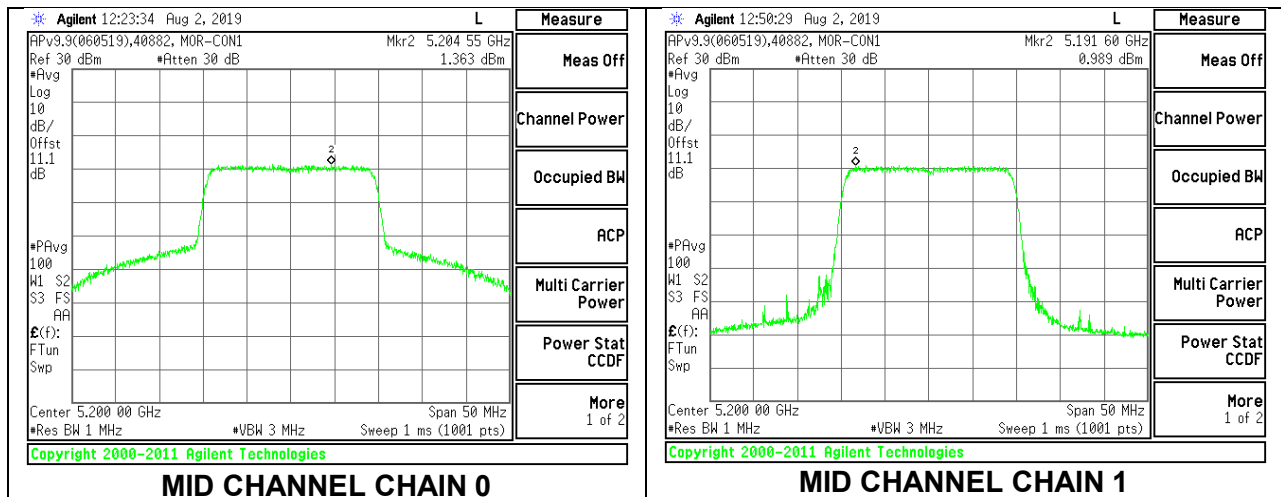
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|-----------------------|
| Low     | 5180               | 1.457                                | 1.312                                | 4.40                                 | 11.00                          | -6.60                 |
| Mid     | 5200               | 1.363                                | 0.989                                | 4.19                                 | 11.00                          | -6.81                 |
| High    | 5240               | 1.030                                | 0.902                                | 3.98                                 | 11.00                          | -7.02                 |

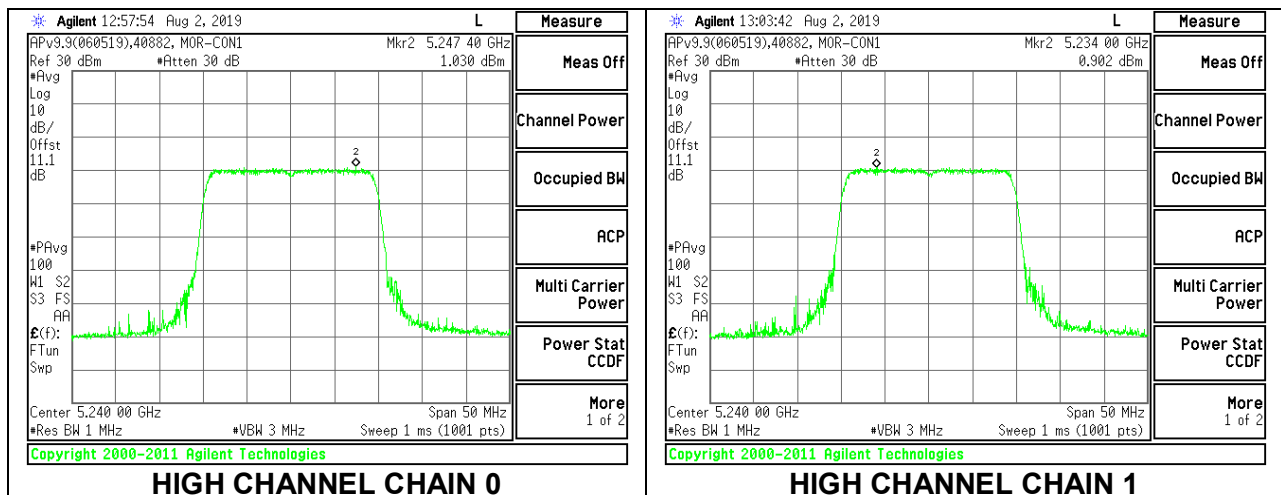
## LOW CHANNEL



## MID CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 53**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Low     | 5180               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| Mid     | 5200               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| High    | 5240               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

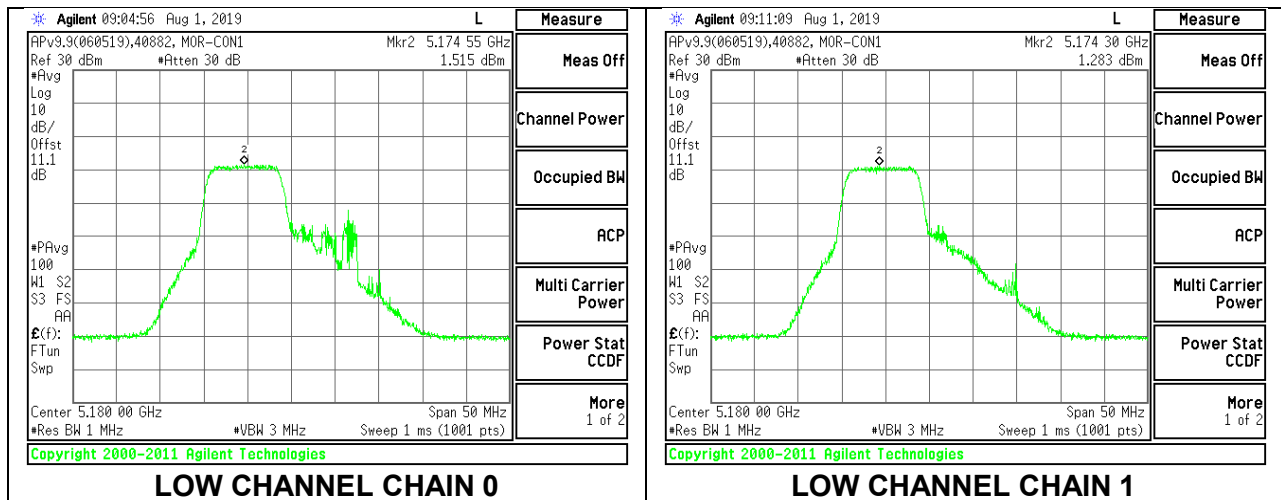
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5180               | 9.78                              | 9.75                              | 12.78                             | 24.00                   | -11.22                  |
| Mid     | 5200               | 10.24                             | 10.05                             | 13.16                             | 24.00                   | -10.84                  |
| High    | 5240               | 9.87                              | 10.02                             | 12.96                             | 24.00                   | -11.04                  |

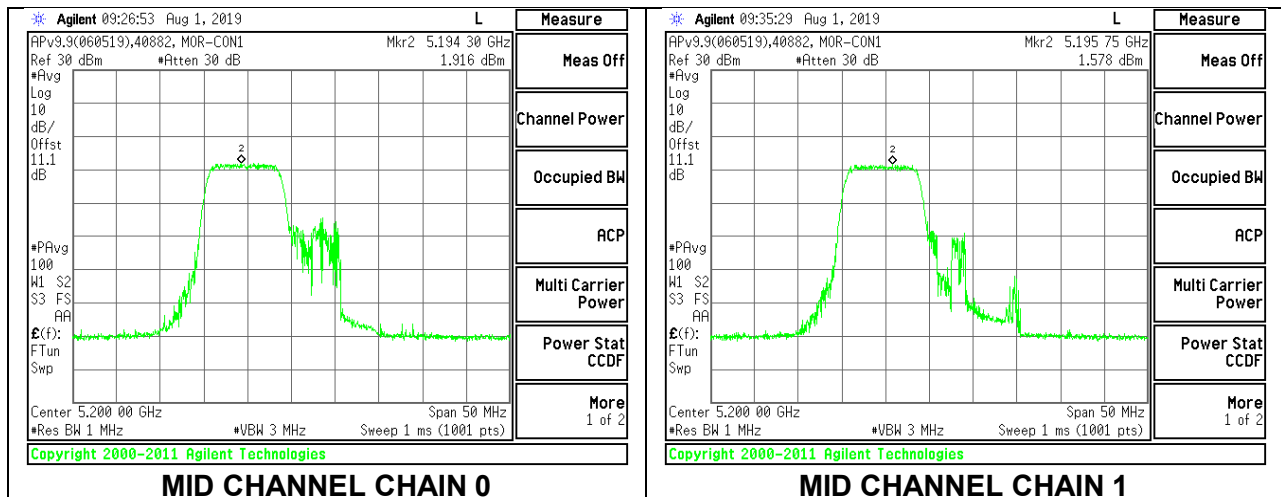
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|-----------------------|
| Low     | 5180               | 1.515                                | 1.283                                | 4.41                                 | 11.00                          | -6.59                 |
| Mid     | 5200               | 1.916                                | 1.578                                | 4.76                                 | 11.00                          | -6.24                 |
| High    | 5240               | 1.825                                | 1.772                                | 4.81                                 | 11.00                          | -6.19                 |

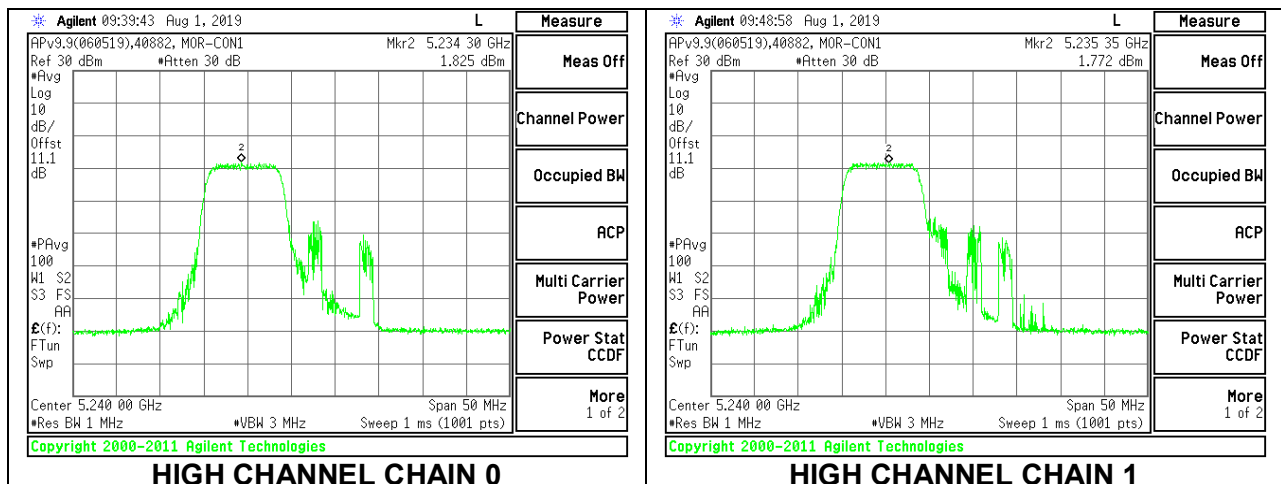
## LOW CHANNEL



## MID CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 54**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Low     | 5180               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| Mid     | 5200               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| High    | 5240               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

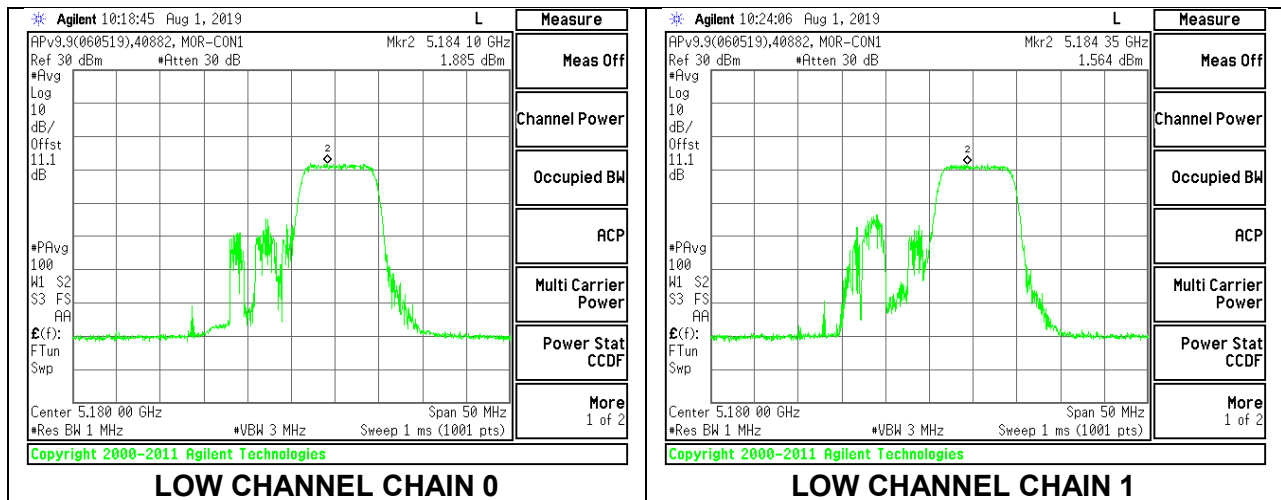
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5180               | 10.14                             | 10.14                             | 13.15                             | 24.00                   | -10.85                  |
| Mid     | 5200               | 10.30                             | 10.02                             | 13.17                             | 24.00                   | -10.83                  |
| High    | 5240               | 10.17                             | 10.00                             | 13.10                             | 24.00                   | -10.90                  |

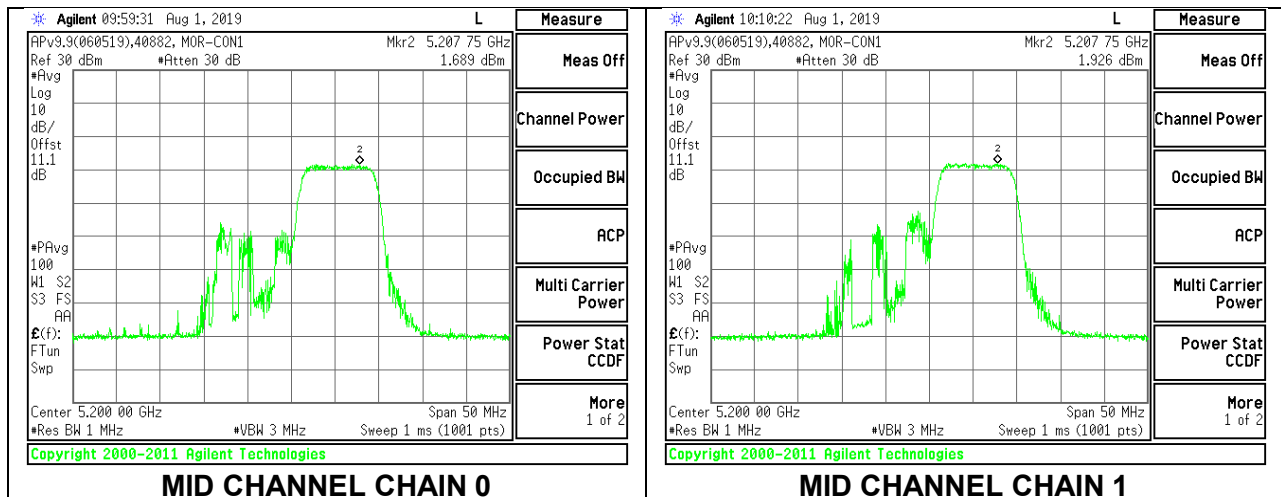
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|-----------------------|
| Low     | 5180               | 1.885                                | 1.564                                | 4.74                                 | 11.00                          | -6.26                 |
| Mid     | 5200               | 1.689                                | 1.926                                | 4.82                                 | 11.00                          | -6.18                 |
| High    | 5240               | 1.900                                | 1.553                                | 4.74                                 | 11.00                          | -6.26                 |

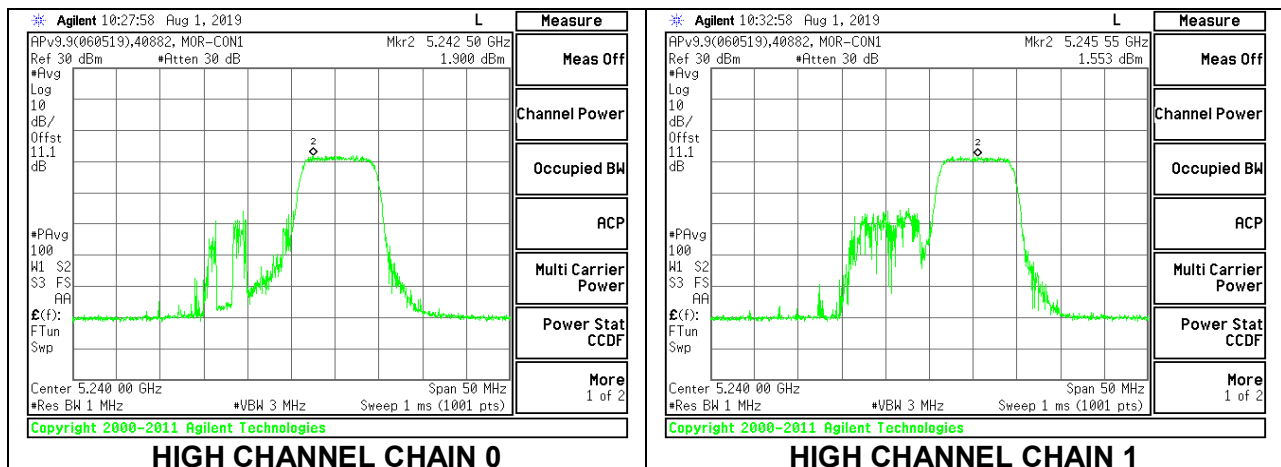
## LOW CHANNEL



## MID CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 37**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Low     | 5180               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| Mid     | 5200               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| High    | 5240               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

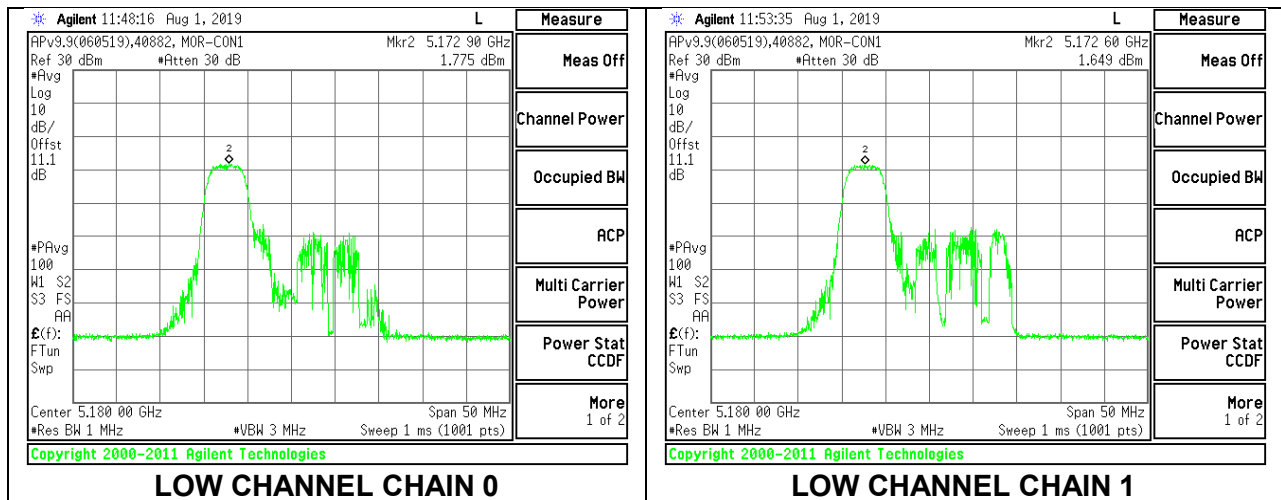
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5180               | 6.00                              | 5.85                              | 8.94                              | 24.00                   | -15.06                  |
| Mid     | 5200               | 6.14                              | 5.84                              | 9.00                              | 24.00                   | -15.00                  |
| High    | 5240               | 5.94                              | 5.89                              | 8.93                              | 24.00                   | -15.07                  |

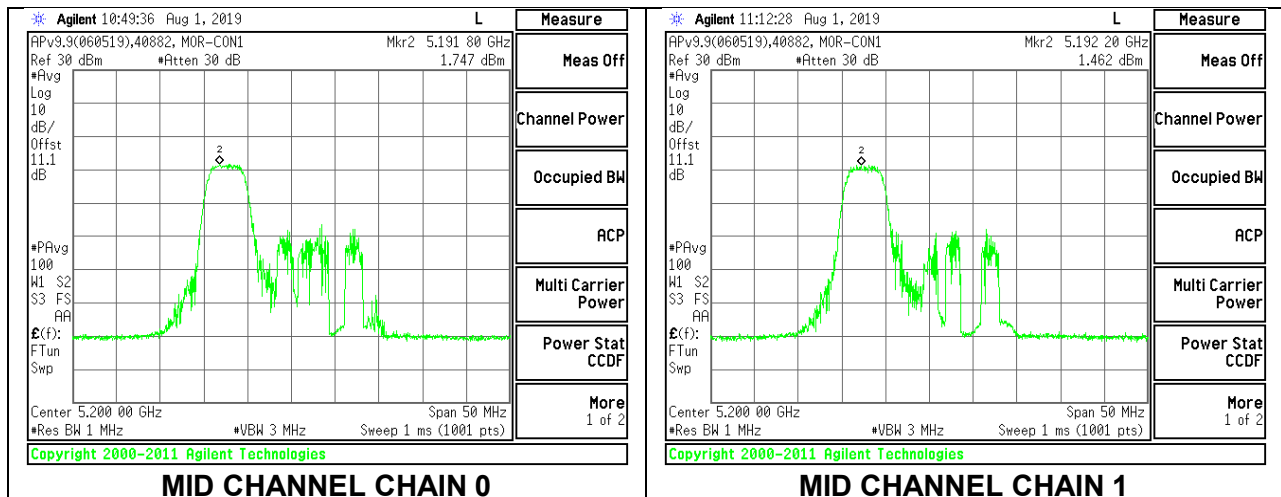
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|-----------------------|
| Low     | 5180               | 1.775                                | 1.649                                | 4.72                                 | 11.00                          | -6.28                 |
| Mid     | 5200               | 1.747                                | 1.462                                | 4.62                                 | 11.00                          | -6.38                 |
| High    | 5240               | 1.790                                | 1.669                                | 4.74                                 | 11.00                          | -6.26                 |

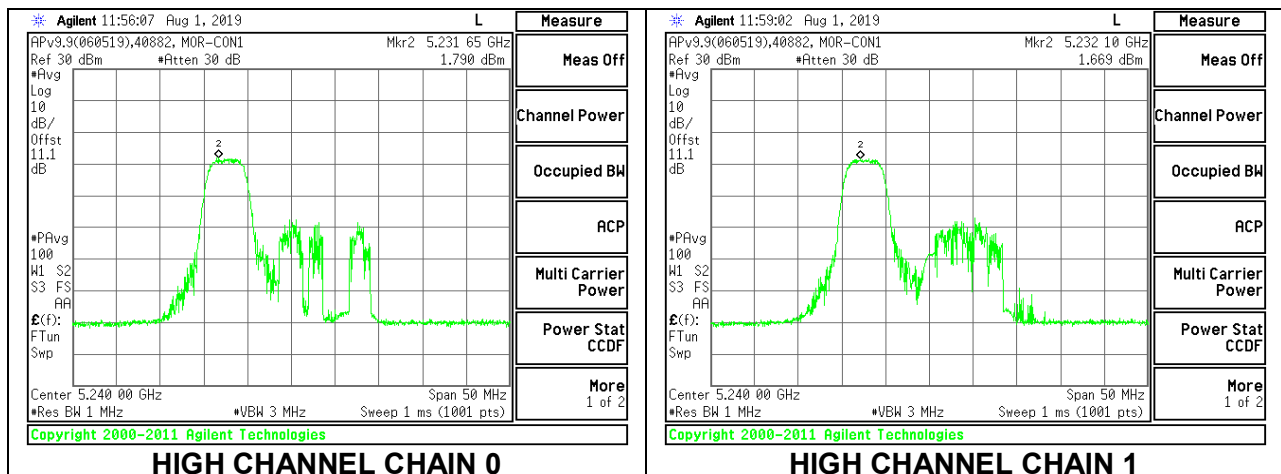
## LOW CHANNEL



## MID CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 38**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Low     | 5180               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| Mid     | 5200               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| High    | 5240               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

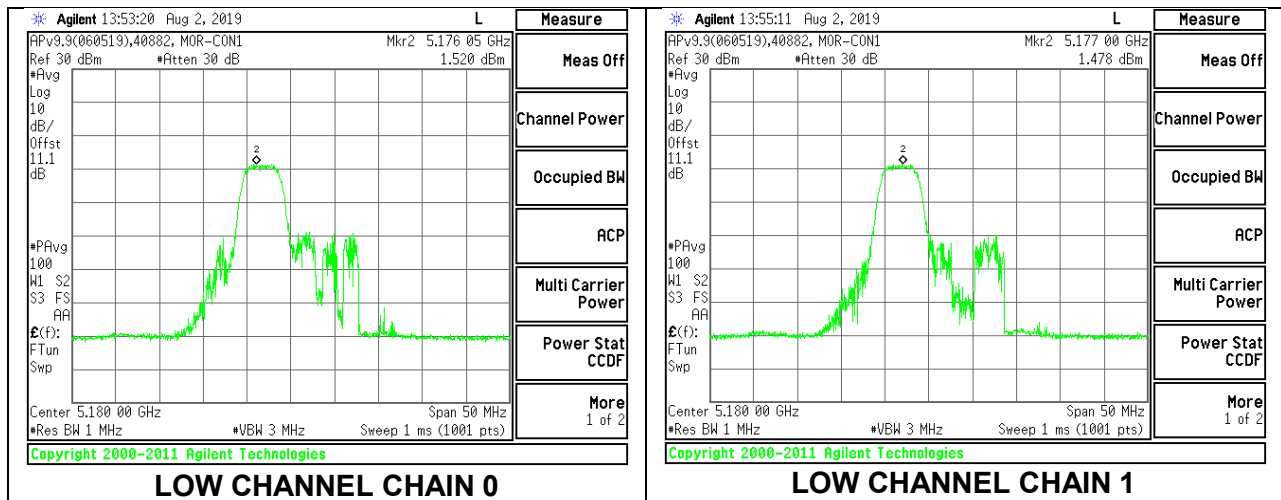
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5180               | 5.70                              | 5.96                              | 8.84                              | 24.00                   | -15.16                  |
| Mid     | 5200               | 6.19                              | 5.95                              | 9.08                              | 24.00                   | -14.92                  |
| High    | 5240               | 6.02                              | 5.91                              | 8.98                              | 24.00                   | -15.02                  |

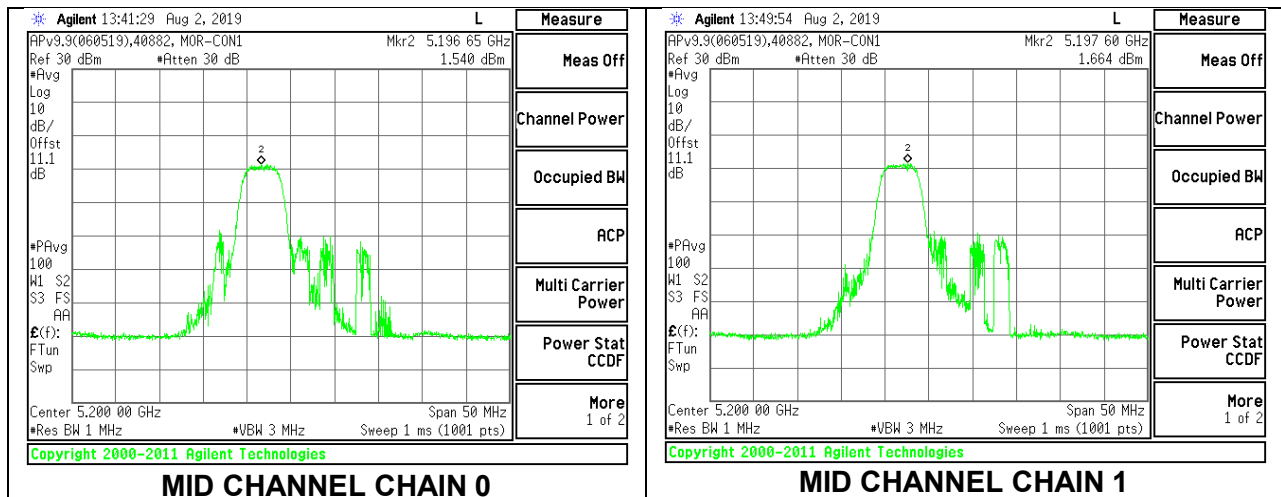
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|-----------------------|
| Low     | 5180               | 1.520                                | 1.478                                | 4.51                                 | 11.00                          | -6.49                 |
| Mid     | 5200               | 1.540                                | 1.664                                | 4.61                                 | 11.00                          | -6.39                 |
| High    | 5240               | 1.406                                | 1.476                                | 4.45                                 | 11.00                          | -6.55                 |

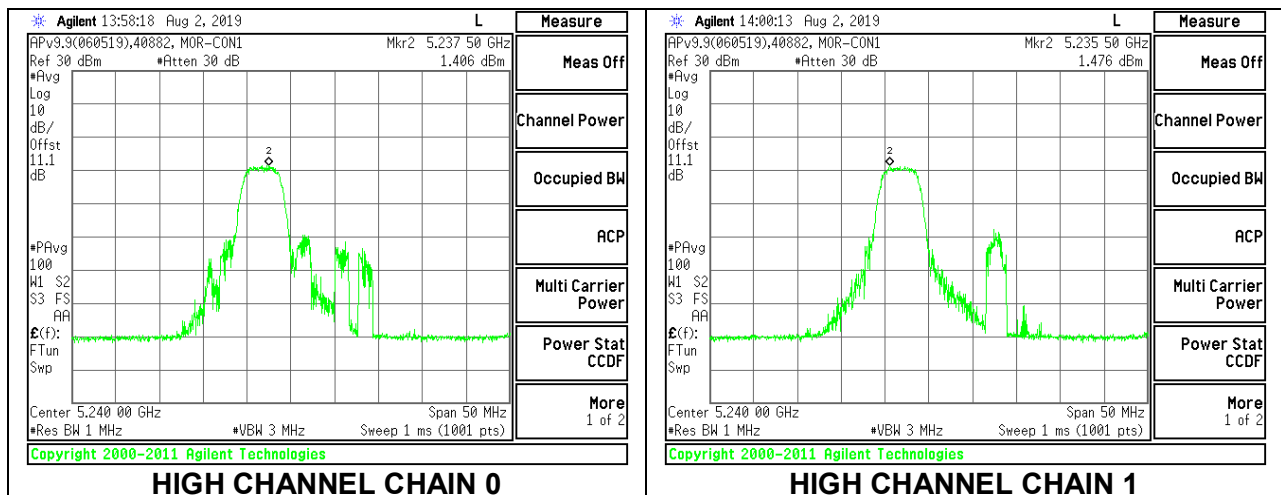
## LOW CHANNEL



## MID CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 40**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Low     | 5180               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| Mid     | 5200               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| High    | 5240               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                           |      |                                        |
|---------------------------|------|----------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | Included in Calculations of Corr'd PSD |
|---------------------------|------|----------------------------------------|

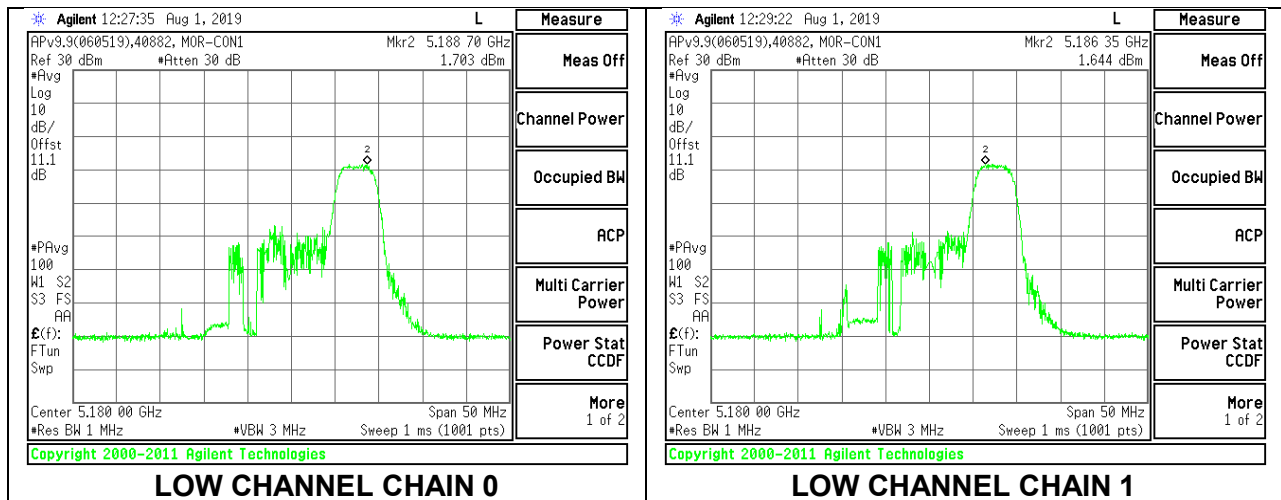
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5180               | 5.97                              | 5.91                              | 8.95                              | 24.00                   | -15.05                  |
| Mid     | 5200               | 6.13                              | 5.88                              | 9.02                              | 24.00                   | -14.98                  |
| High    | 5240               | 6.03                              | 5.79                              | 8.92                              | 24.00                   | -15.08                  |

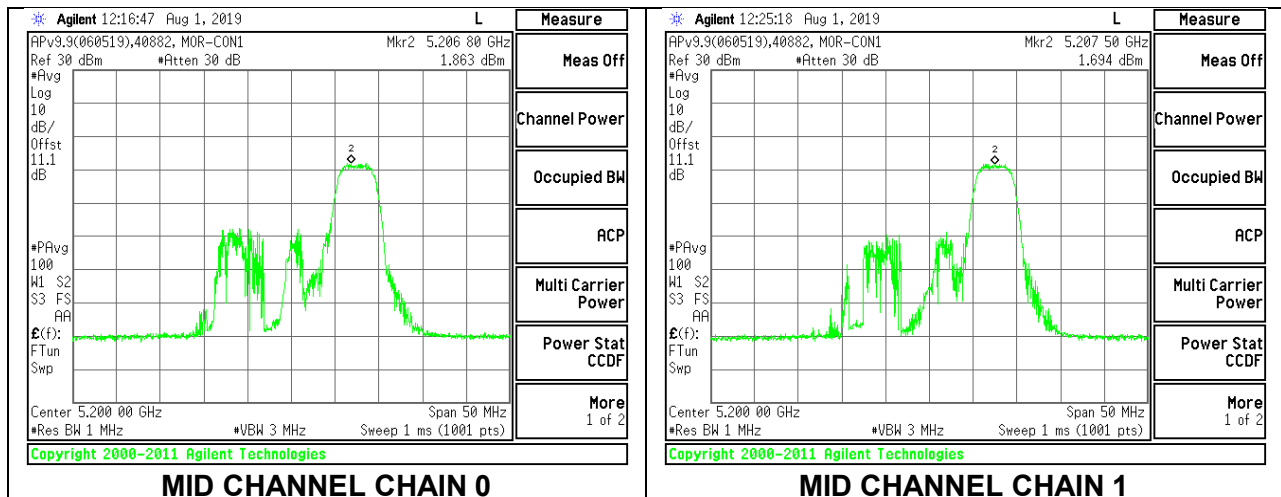
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|-----------------------|
| Low     | 5180               | 1.703                                | 1.644                                | 4.68                                 | 11.00                          | -6.32                 |
| Mid     | 5200               | 1.863                                | 1.684                                | 4.78                                 | 11.00                          | -6.22                 |
| High    | 5240               | 1.798                                | 1.680                                | 4.75                                 | 11.00                          | -6.25                 |

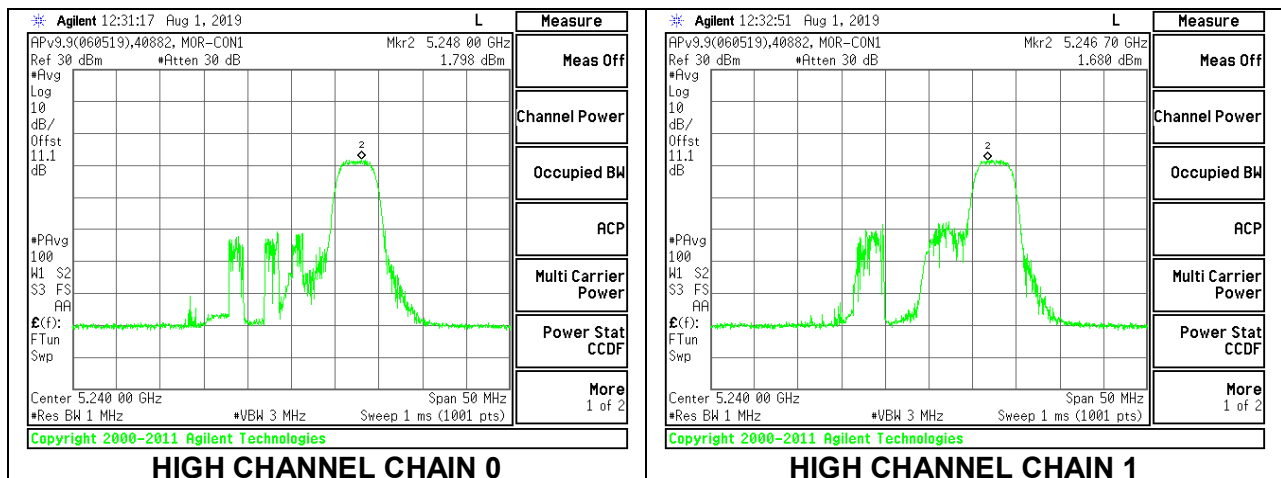
## LOW CHANNEL



## MID CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 0**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Low     | 5180               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| Mid     | 5200               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| High    | 5240               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                           |      |                                        |
|---------------------------|------|----------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | Included in Calculations of Corr'd PSD |
|---------------------------|------|----------------------------------------|

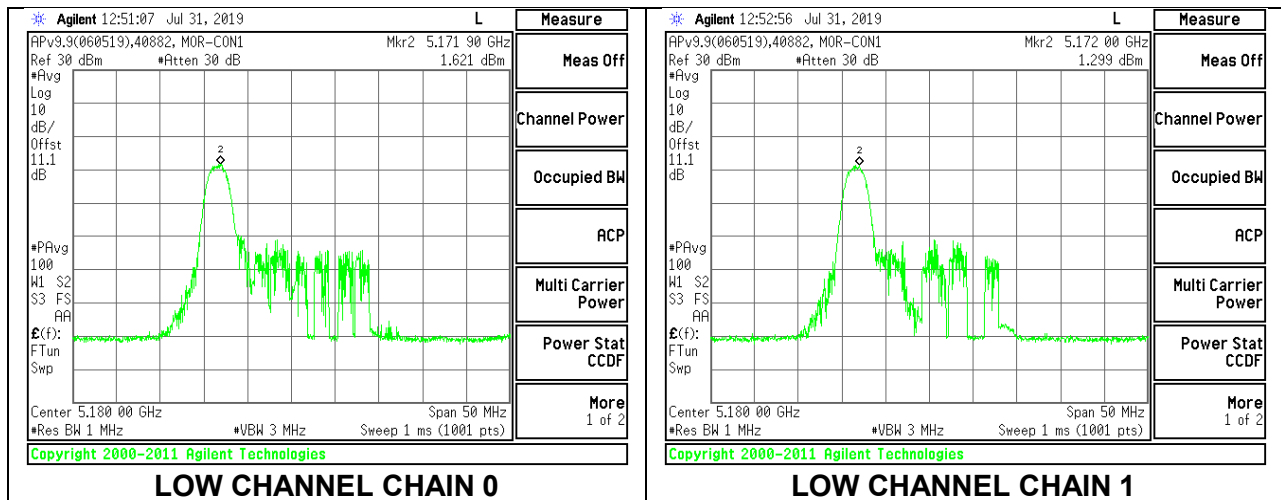
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5180               | 4.45                              | 4.24                              | 7.36                              | 24.00                   | -16.64                  |
| Mid     | 5200               | 4.47                              | 4.33                              | 7.41                              | 24.00                   | -16.59                  |
| High    | 5240               | 4.30                              | 4.35                              | 7.34                              | 24.00                   | -16.66                  |

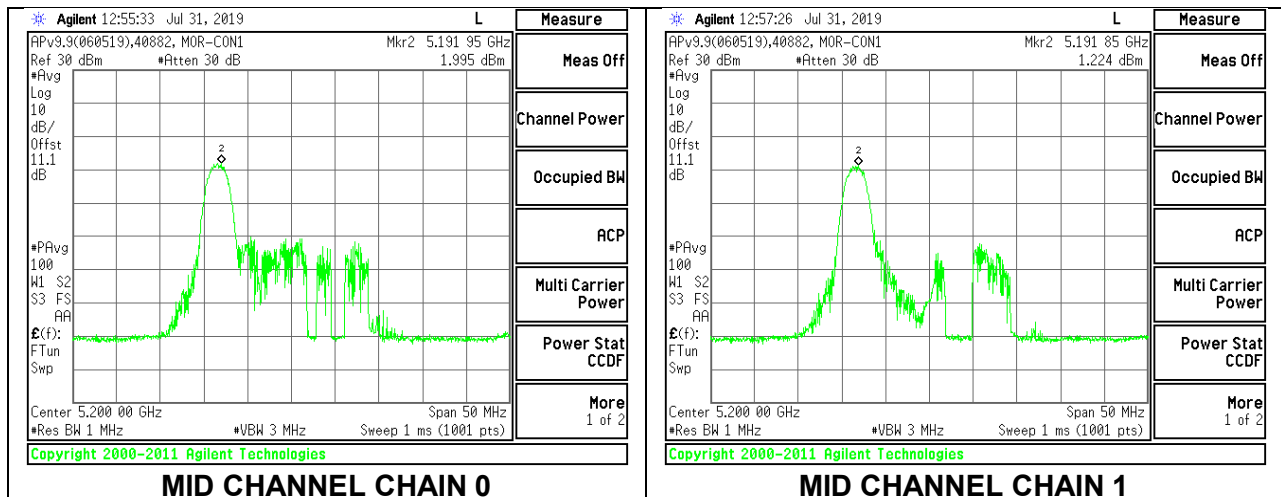
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|-----------------------|
| Low     | 5180               | 1.621                                | 1.299                                | 4.47                                 | 11.00                          | -6.53                 |
| Mid     | 5200               | 1.995                                | 1.224                                | 4.64                                 | 11.00                          | -6.36                 |
| High    | 5240               | 1.785                                | 1.420                                | 4.62                                 | 11.00                          | -6.38                 |

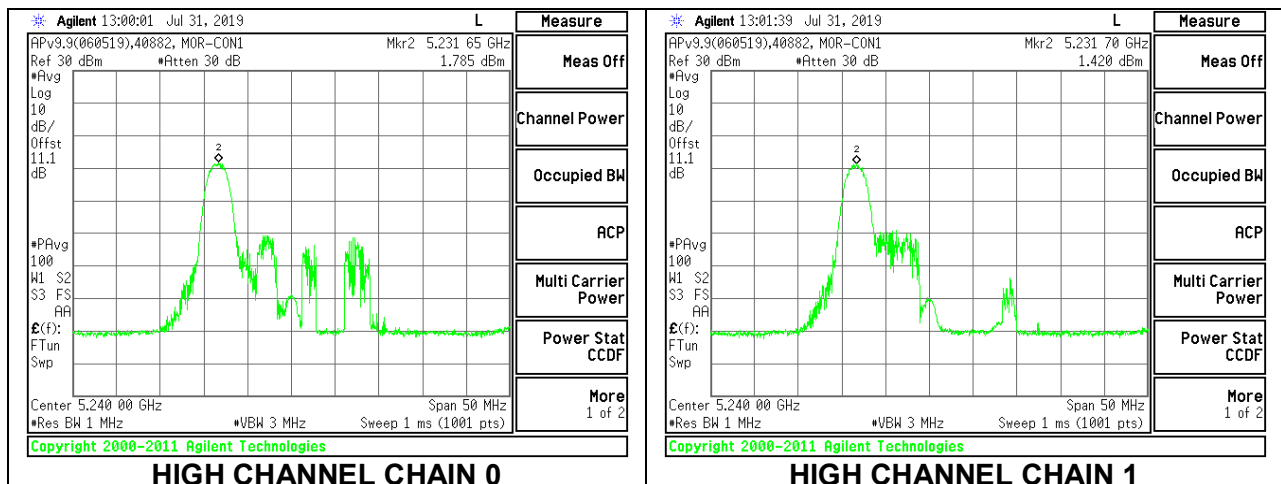
## LOW CHANNEL



## MID CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 4**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Low     | 5180               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| Mid     | 5200               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| High    | 5240               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                           |      |                                        |
|---------------------------|------|----------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | Included in Calculations of Corr'd PSD |
|---------------------------|------|----------------------------------------|

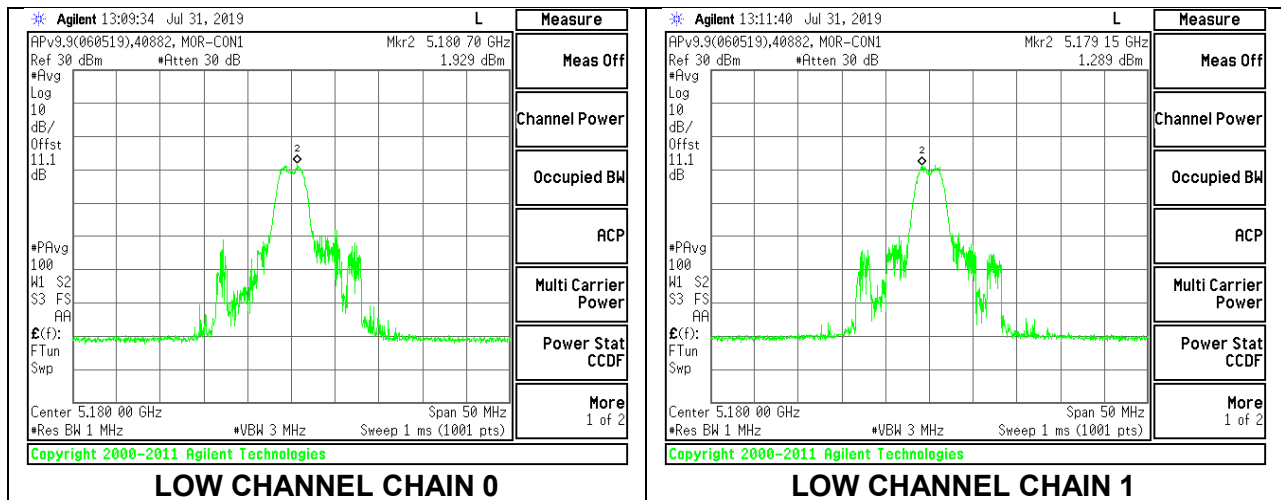
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5180               | 4.60                              | 4.50                              | 7.56                              | 24.00                   | -16.44                  |
| Mid     | 5200               | 4.72                              | 4.46                              | 7.60                              | 24.00                   | -16.40                  |
| High    | 5240               | 4.50                              | 4.42                              | 7.47                              | 24.00                   | -16.53                  |

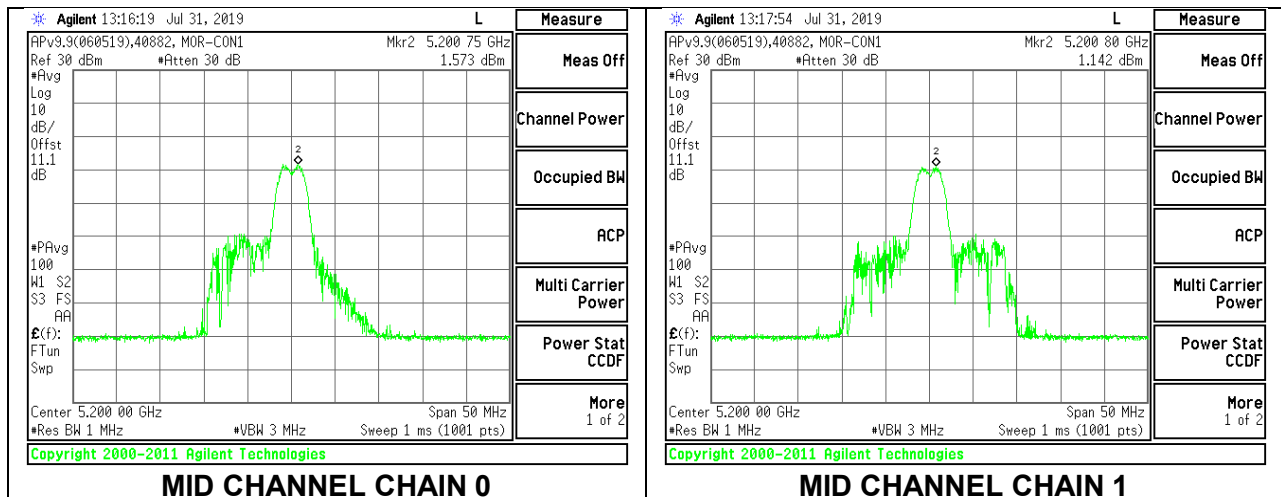
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|-----------------------|
| Low     | 5180               | 1.929                                | 1.289                                | 4.63                                 | 11.00                          | -6.37                 |
| Mid     | 5200               | 1.573                                | 1.142                                | 4.37                                 | 11.00                          | -6.63                 |
| High    | 5240               | 1.328                                | 1.326                                | 4.34                                 | 11.00                          | -6.66                 |

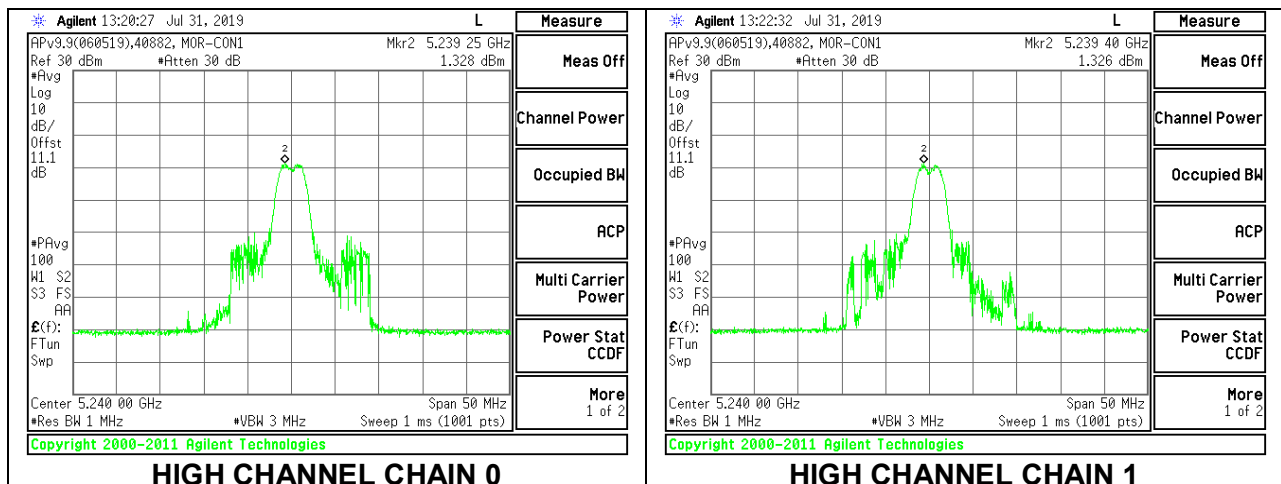
## LOW CHANNEL



## MID CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 8**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Low     | 5180               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| Mid     | 5200               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| High    | 5240               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                           |      |                                        |
|---------------------------|------|----------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | Included in Calculations of Corr'd PSD |
|---------------------------|------|----------------------------------------|

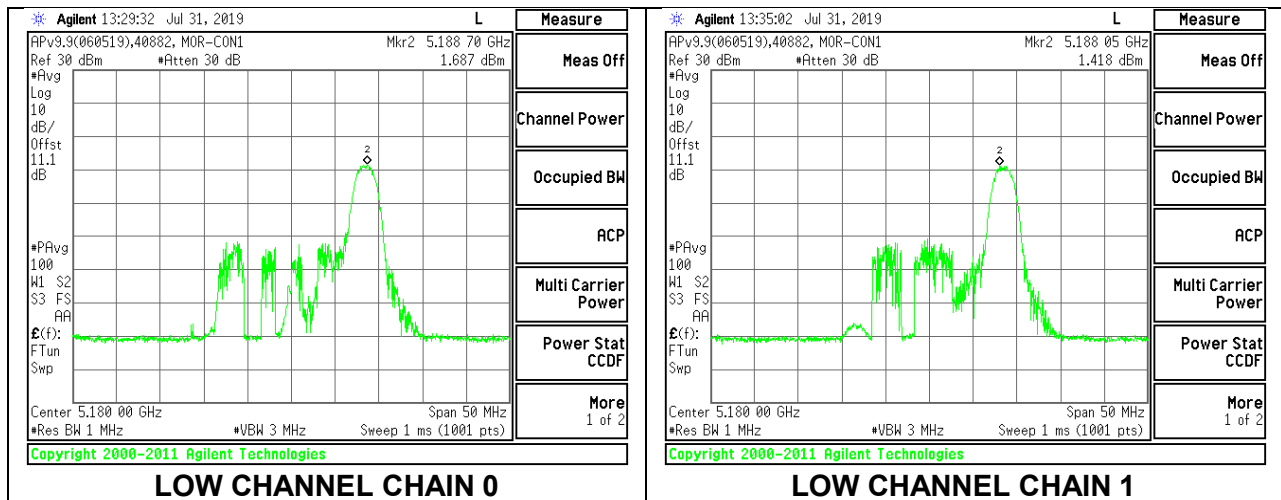
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5180               | 4.30                              | 4.26                              | 7.29                              | 24.00                   | -16.71                  |
| Mid     | 5200               | 4.35                              | 4.32                              | 7.35                              | 24.00                   | -16.65                  |
| High    | 5240               | 4.40                              | 4.22                              | 7.32                              | 24.00                   | -16.68                  |

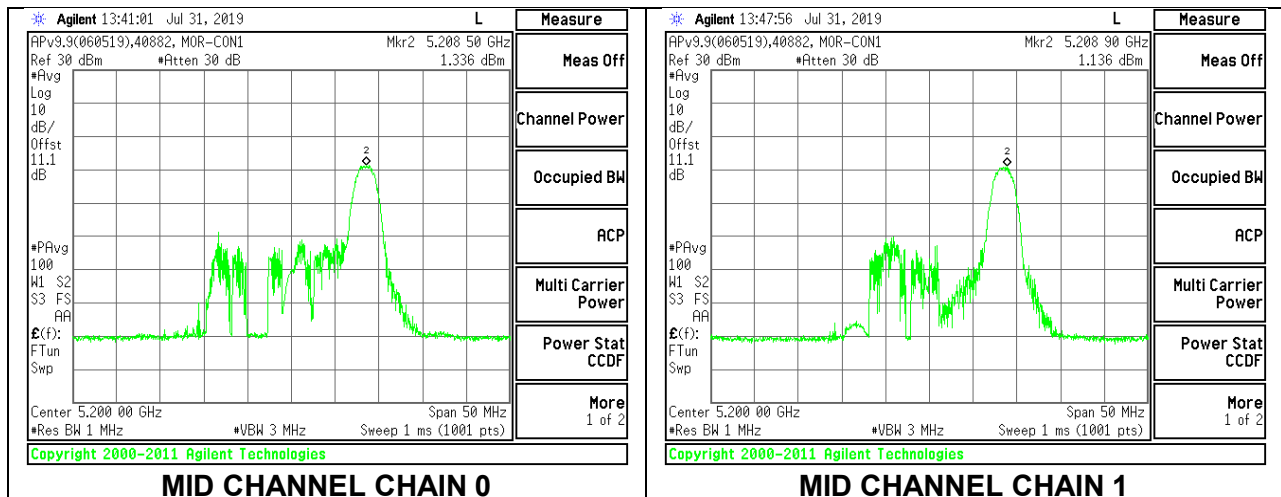
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|-----------------------|
| Low     | 5180               | 1.687                                | 1.418                                | 4.56                                 | 11.00                          | -6.44                 |
| Mid     | 5200               | 1.336                                | 1.136                                | 4.25                                 | 11.00                          | -6.75                 |
| High    | 5240               | 1.759                                | 1.621                                | 4.70                                 | 11.00                          | -6.30                 |

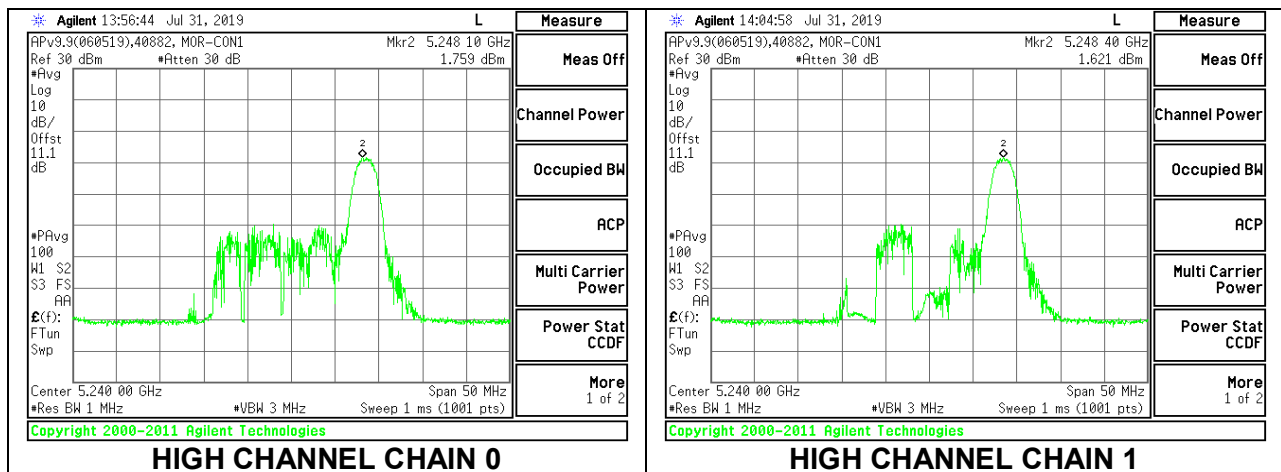
## LOW CHANNEL



## MID CHANNEL



## HIGH CHANNEL



## 9.4.2. 802.11ax HE20 MODE IN THE 5.2 GHz BAND (IC)

### 2TX Antenna 1 + Antenna 2 SU MODE

#### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Low     | 5180               | 16.885                    | 4.66                                      | 4.66                                    | 22.28                           | 17.62                   | 10.00                                  | 5.34                           |
| Mid     | 5200               | 16.991                    | 4.66                                      | 4.66                                    | 22.30                           | 17.64                   | 10.00                                  | 5.34                           |
| High    | 5240               | 16.904                    | 4.66                                      | 4.66                                    | 22.28                           | 17.62                   | 10.00                                  | 5.34                           |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

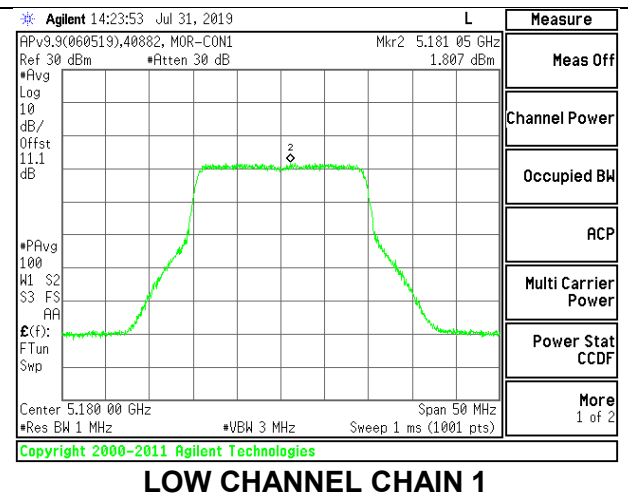
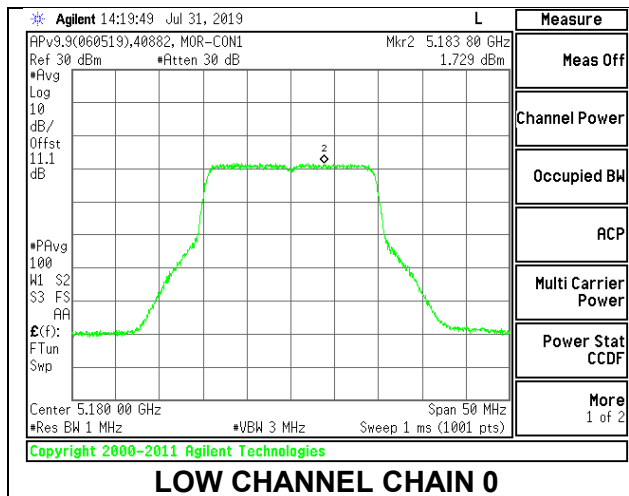
#### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5180               | 13.22                             | 13.13                             | 16.19                             | 17.62                   | -1.43                   |
| Mid     | 5200               | 13.32                             | 13.19                             | 16.27                             | 17.64                   | -1.38                   |
| High    | 5240               | 13.23                             | 13.08                             | 16.17                             | 17.62                   | -1.45                   |

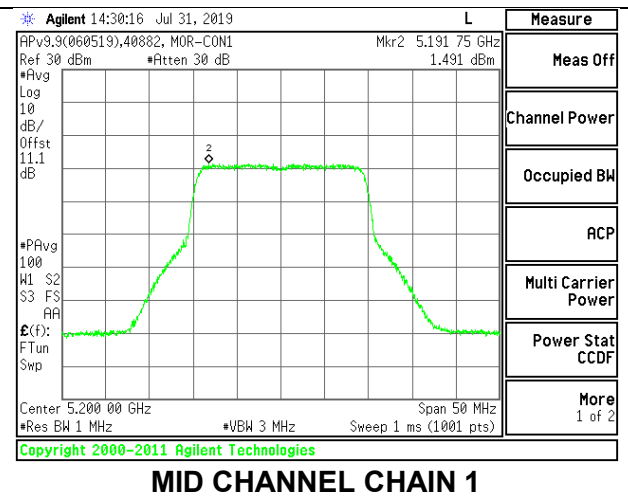
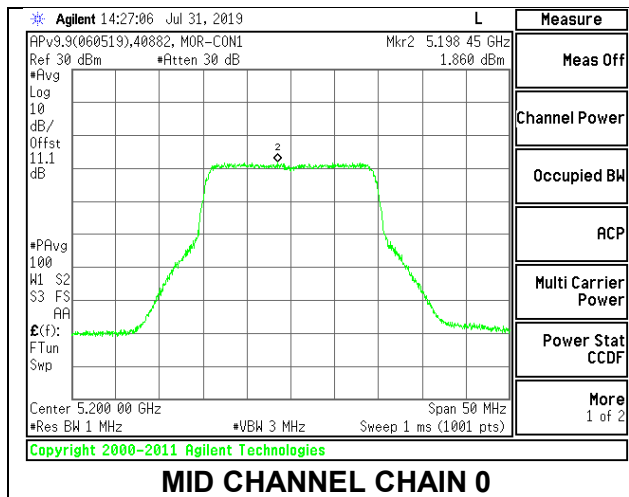
#### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|-----------------------|
| Low     | 5180               | 1.729                                | 1.807                                | 4.78                                 | 5.34                           | -0.56                 |
| Mid     | 5200               | 1.860                                | 1.491                                | 4.69                                 | 5.34                           | -0.65                 |
| High    | 5240               | 1.587                                | 1.778                                | 4.69                                 | 5.34                           | -0.65                 |

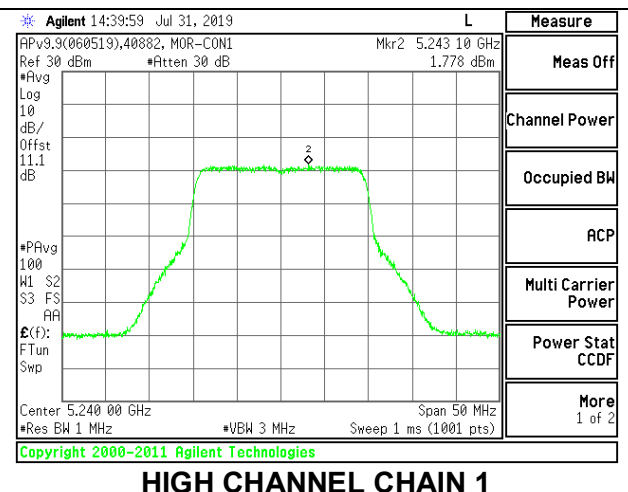
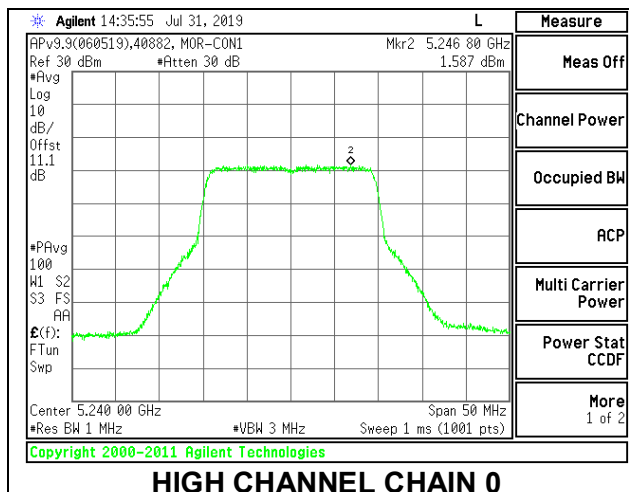
## LOW CHANNEL



## MID CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 242-Tones, RU Index 61**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Low     | 5180               | 16.885                    | 4.66                                      | 4.66                                    | 22.28                           | 17.62                   | 10.00                                  | 5.34                           |
| Mid     | 5200               | 16.991                    | 4.66                                      | 4.66                                    | 22.30                           | 17.64                   | 10.00                                  | 5.34                           |
| High    | 5240               | 16.904                    | 4.66                                      | 4.66                                    | 22.28                           | 17.62                   | 10.00                                  | 5.34                           |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

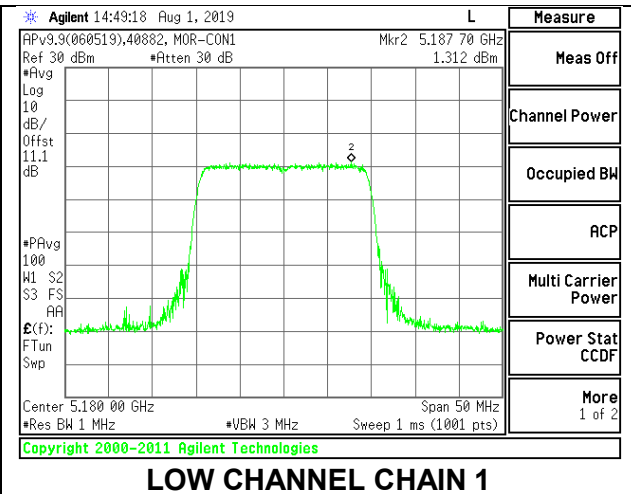
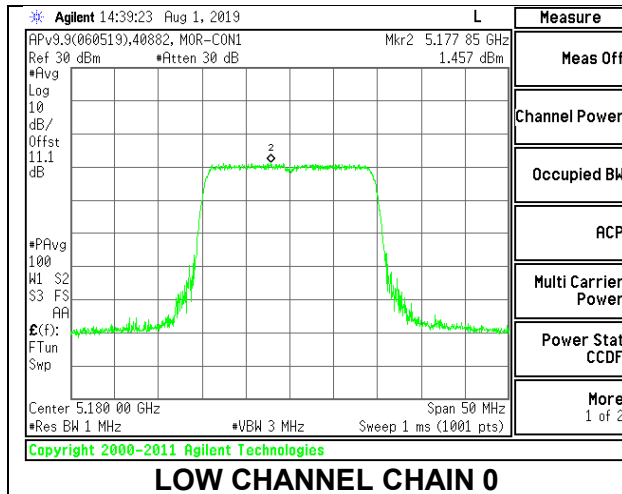
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5180               | 12.74                             | 12.55                             | 15.66                             | 17.62                   | -1.96                   |
| Mid     | 5200               | 12.78                             | 12.52                             | 15.66                             | 17.64                   | -1.98                   |
| High    | 5240               | 12.68                             | 12.48                             | 15.59                             | 17.62                   | -2.03                   |

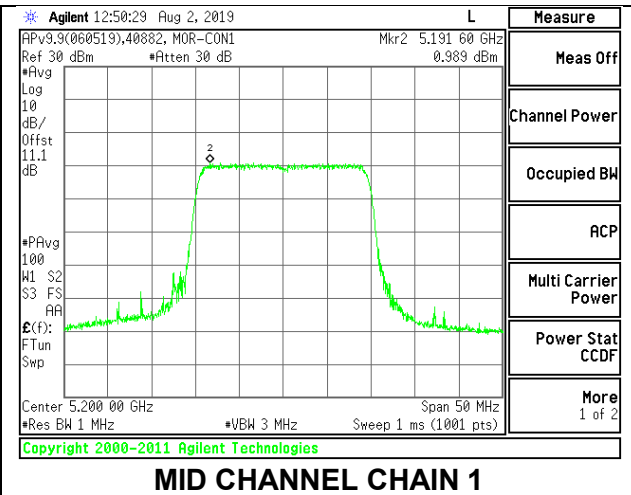
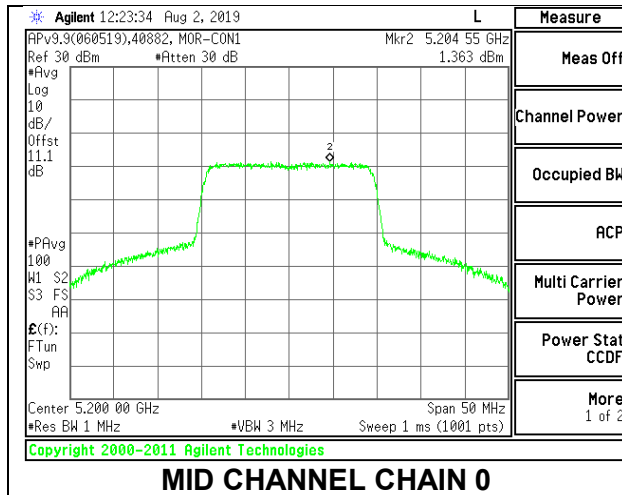
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|-----------------------|
| Low     | 5180               | 1.46                                 | 1.31                                 | 4.40                                 | 5.34                           | -0.94                 |
| Mid     | 5200               | 1.36                                 | 0.99                                 | 4.19                                 | 5.34                           | -1.15                 |
| High    | 5240               | 1.03                                 | 0.90                                 | 3.98                                 | 5.34                           | -1.36                 |

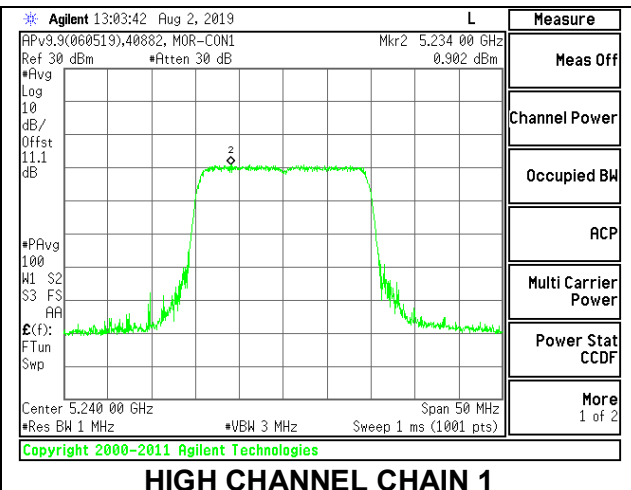
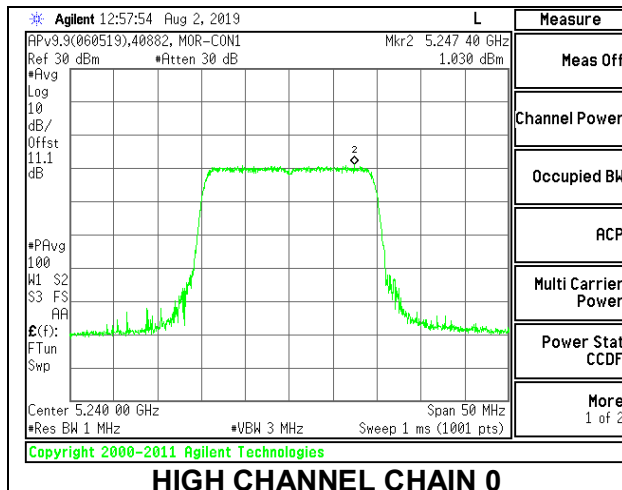
## LOW CHANNEL



## MID CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 53**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Low     | 5180               | 16.885                    | 4.66                                      | 4.66                                    | 22.28                           | 17.62                   | 10.00                                  | 5.34                           |
| Mid     | 5200               | 16.991                    | 4.66                                      | 4.66                                    | 22.30                           | 17.64                   | 10.00                                  | 5.34                           |
| High    | 5240               | 16.904                    | 4.66                                      | 4.66                                    | 22.28                           | 17.62                   | 10.00                                  | 5.34                           |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

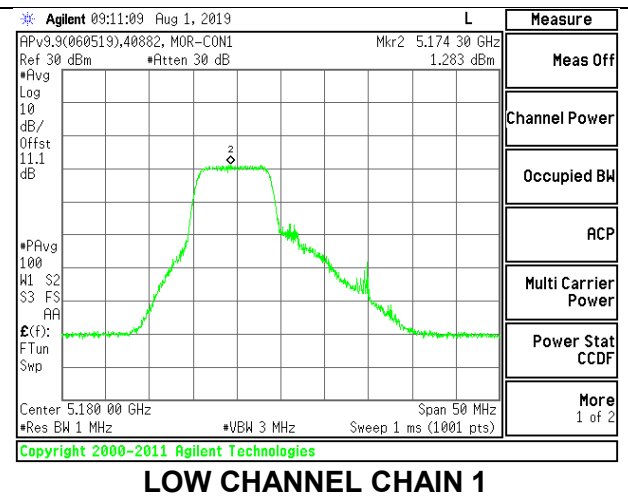
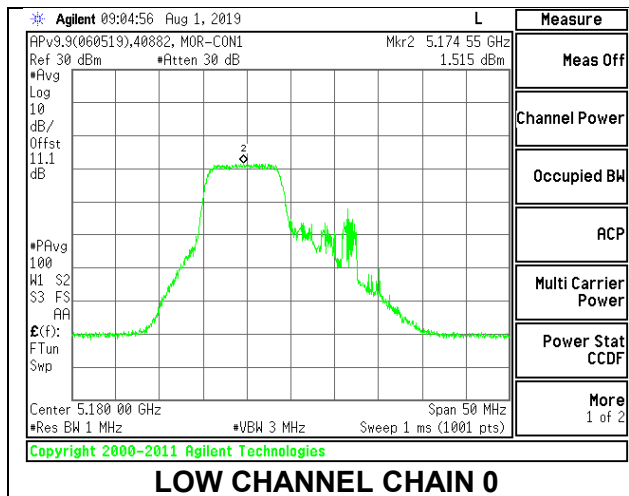
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5180               | 9.78                              | 9.75                              | 12.78                             | 17.62                   | -4.84                   |
| Mid     | 5200               | 10.24                             | 10.05                             | 13.16                             | 17.64                   | -4.49                   |
| High    | 5240               | 9.87                              | 10.02                             | 12.96                             | 17.62                   | -4.66                   |

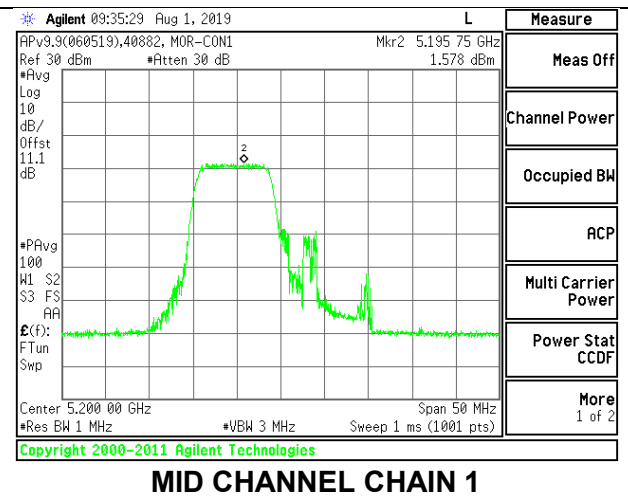
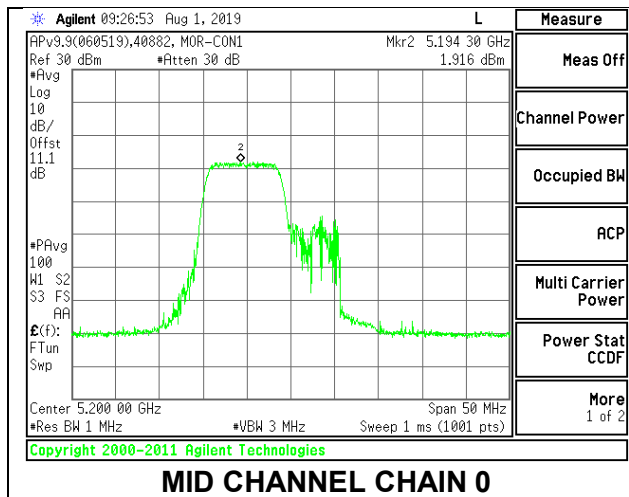
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|-----------------------|
| Low     | 5180               | 1.52                                 | 1.28                                 | 4.41                                 | 5.34                           | -0.93                 |
| Mid     | 5200               | 1.92                                 | 1.58                                 | 4.76                                 | 5.34                           | -0.58                 |
| High    | 5240               | 1.83                                 | 1.78                                 | 4.81                                 | 5.34                           | -0.53                 |

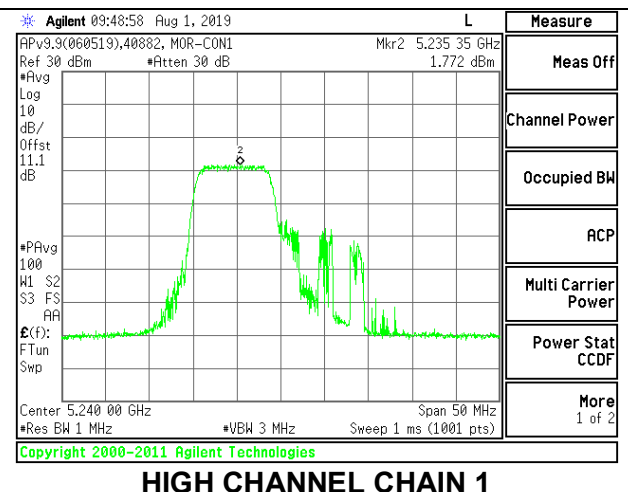
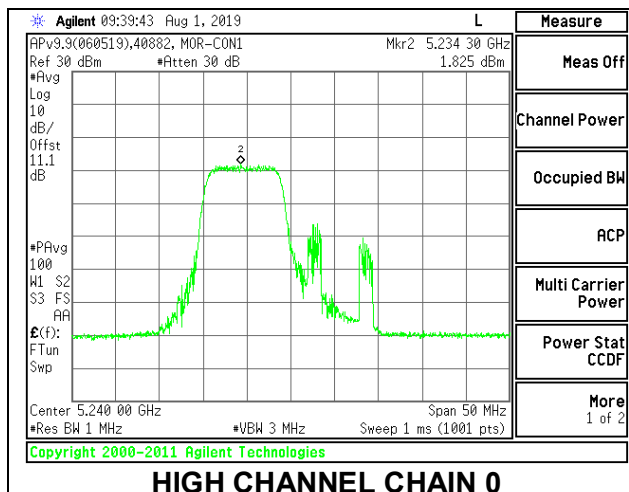
## LOW CHANNEL



## MID CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 54**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Low     | 5180               | 16.885                    | 4.66                                      | 4.66                                    | 22.28                           | 17.62                   | 10.00                                  | 5.34                           |
| Mid     | 5200               | 16.991                    | 4.66                                      | 4.66                                    | 22.30                           | 17.64                   | 10.00                                  | 5.34                           |
| High    | 5240               | 16.904                    | 4.66                                      | 4.66                                    | 22.28                           | 17.62                   | 10.00                                  | 5.34                           |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

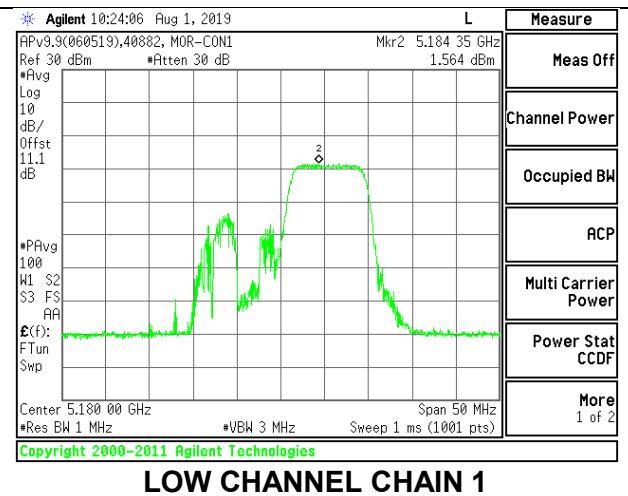
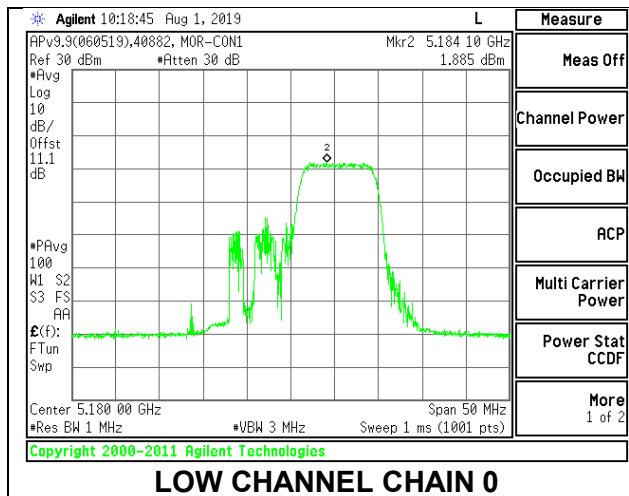
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5180               | 10.14                             | 10.14                             | 13.15                             | 17.62                   | -4.46                   |
| Mid     | 5200               | 10.30                             | 10.02                             | 13.17                             | 17.64                   | -4.47                   |
| High    | 5240               | 10.17                             | 10.00                             | 13.10                             | 17.62                   | -4.52                   |

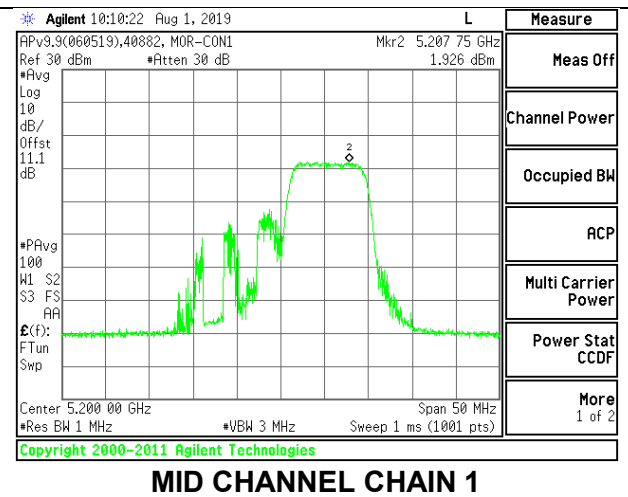
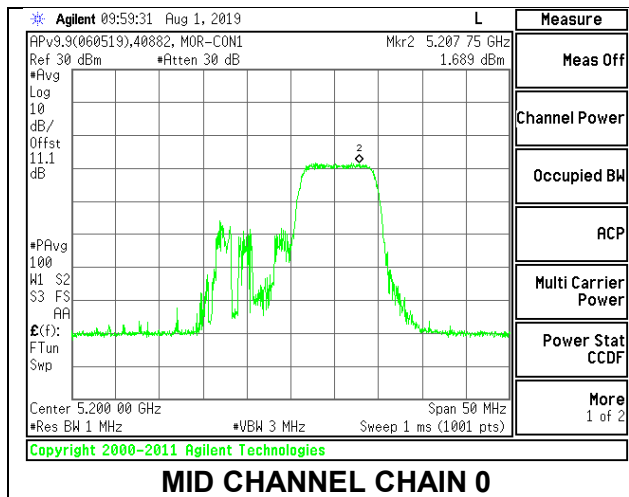
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|-----------------------|
| Low     | 5180               | 1.89                                 | 1.56                                 | 4.74                                 | 5.34                           | -0.60                 |
| Mid     | 5200               | 1.69                                 | 1.93                                 | 4.82                                 | 5.34                           | -0.52                 |
| High    | 5240               | 1.90                                 | 1.55                                 | 4.74                                 | 5.34                           | -0.60                 |

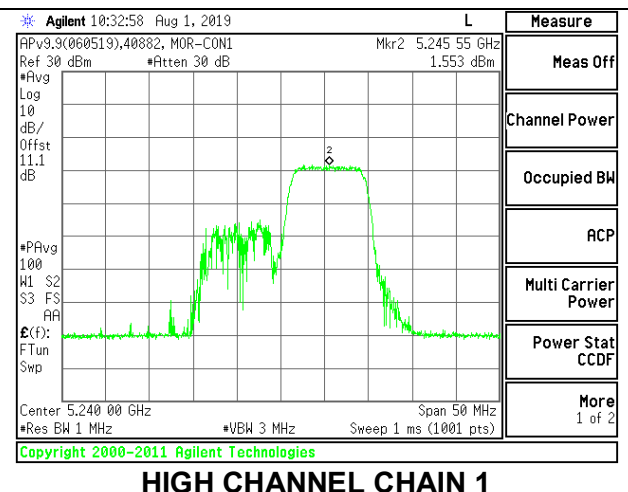
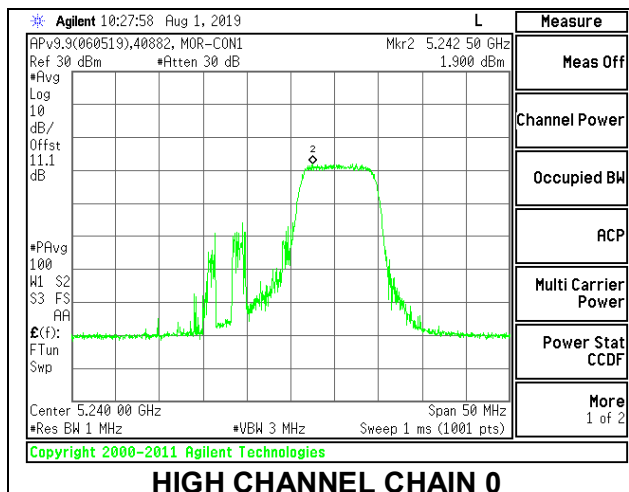
## LOW CHANNEL



## MID CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 37**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Low     | 5180               | 16.885                    | 4.66                                      | 4.66                                    | 22.28                           | 17.62                   | 10.00                                  | 5.34                           |
| Mid     | 5200               | 16.991                    | 4.66                                      | 4.66                                    | 22.30                           | 17.64                   | 10.00                                  | 5.34                           |
| High    | 5240               | 16.904                    | 4.66                                      | 4.66                                    | 22.28                           | 17.62                   | 10.00                                  | 5.34                           |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

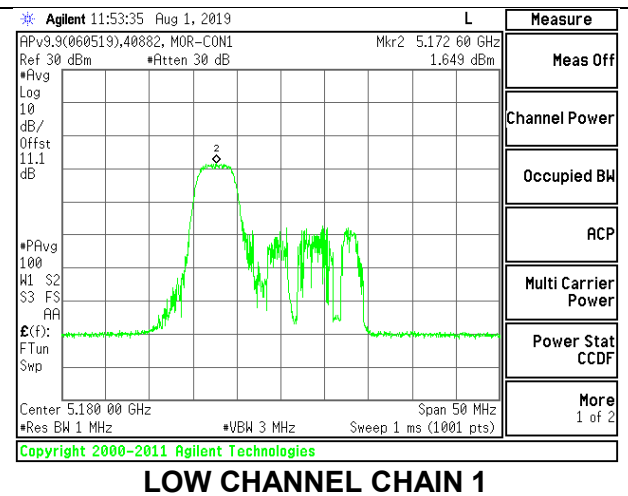
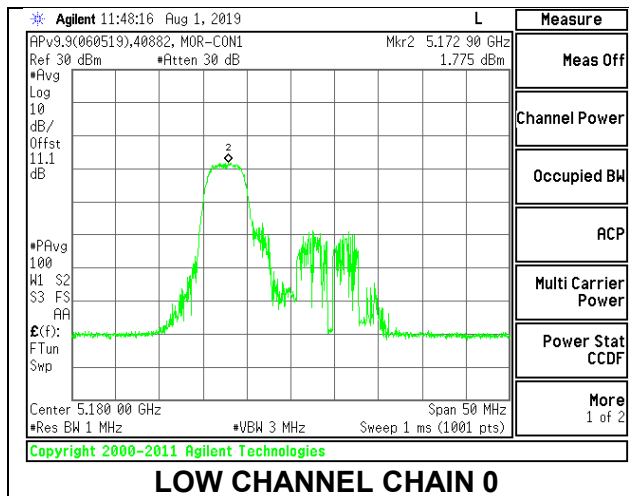
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5180               | 6.00                              | 5.85                              | 8.94                              | 17.62                   | -8.68                   |
| Mid     | 5200               | 6.14                              | 5.84                              | 9.00                              | 17.64                   | -8.64                   |
| High    | 5240               | 5.94                              | 5.89                              | 8.93                              | 17.62                   | -8.69                   |

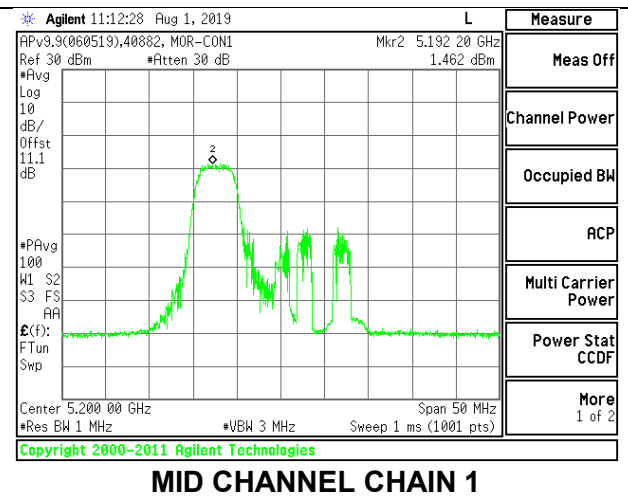
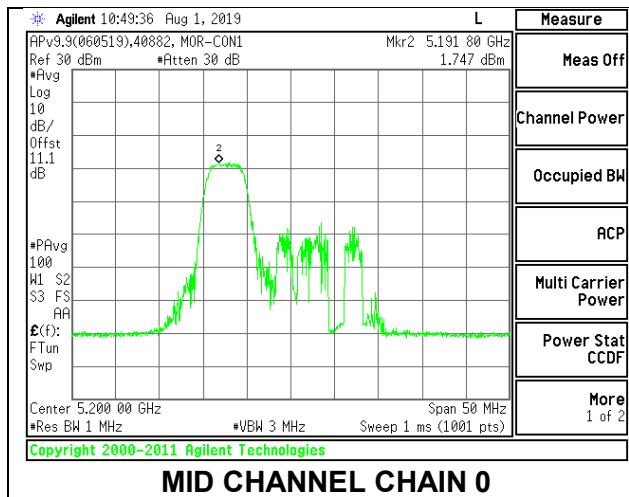
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|-----------------------|
| Low     | 5180               | 1.78                                 | 1.65                                 | 4.72                                 | 5.34                           | -0.62                 |
| Mid     | 5200               | 1.75                                 | 1.46                                 | 4.62                                 | 5.34                           | -0.72                 |
| High    | 5240               | 1.79                                 | 1.67                                 | 4.74                                 | 5.34                           | -0.60                 |

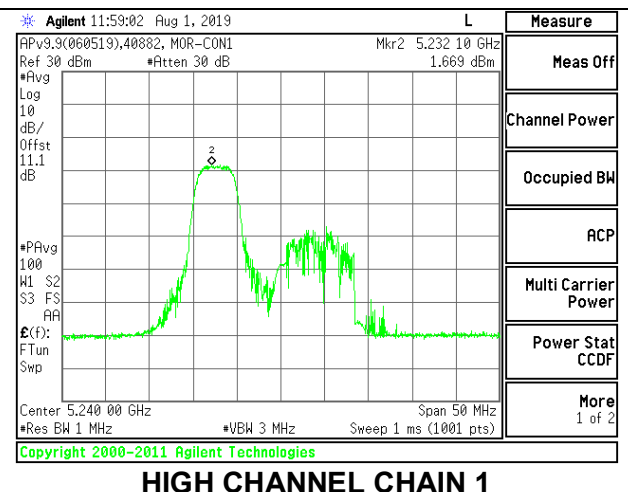
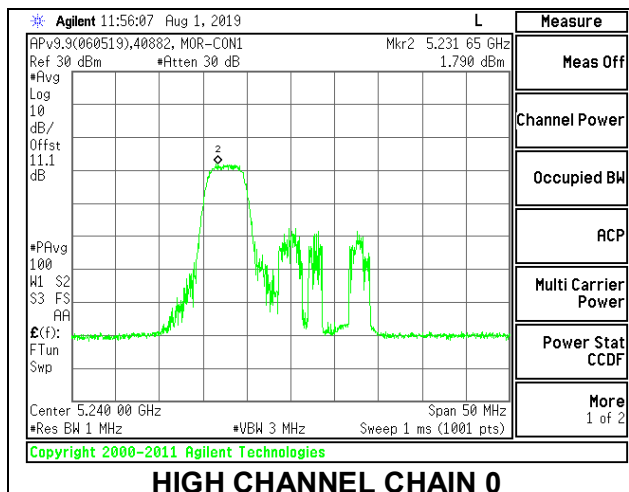
## LOW CHANNEL



## MID CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 38**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Low     | 5180               | 16.885                    | 4.66                                      | 4.66                                    | 22.28                           | 17.62                   | 10.00                                  | 5.34                           |
| Mid     | 5200               | 16.991                    | 4.66                                      | 4.66                                    | 22.30                           | 17.64                   | 10.00                                  | 5.34                           |
| High    | 5240               | 16.904                    | 4.66                                      | 4.66                                    | 22.28                           | 17.62                   | 10.00                                  | 5.34                           |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

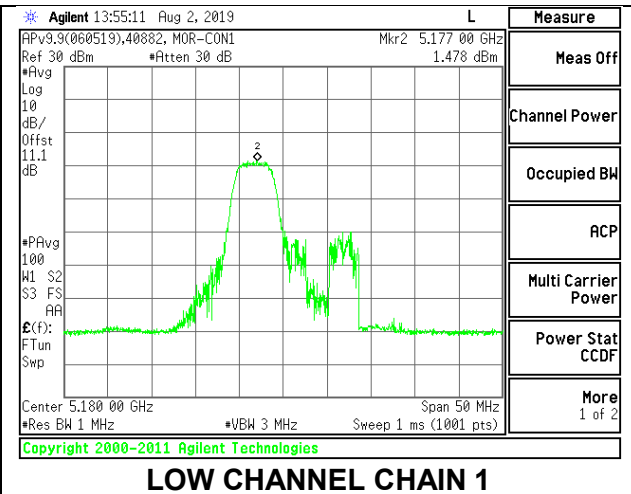
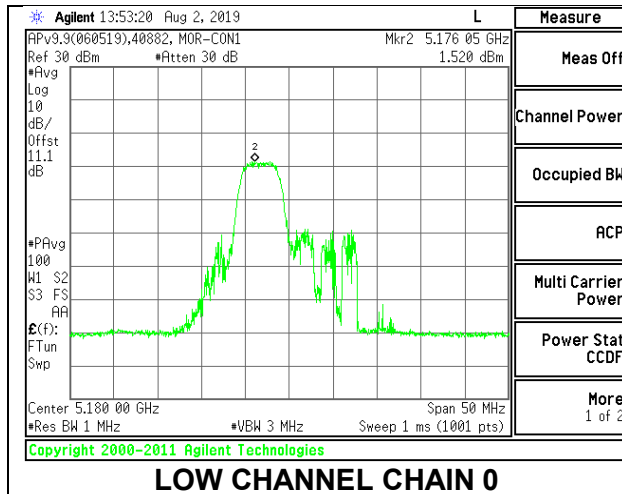
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5180               | 5.70                              | 5.96                              | 8.84                              | 17.62                   | -8.77                   |
| Mid     | 5200               | 6.19                              | 5.95                              | 9.08                              | 17.64                   | -8.56                   |
| High    | 5240               | 6.02                              | 5.91                              | 8.98                              | 17.62                   | -8.64                   |

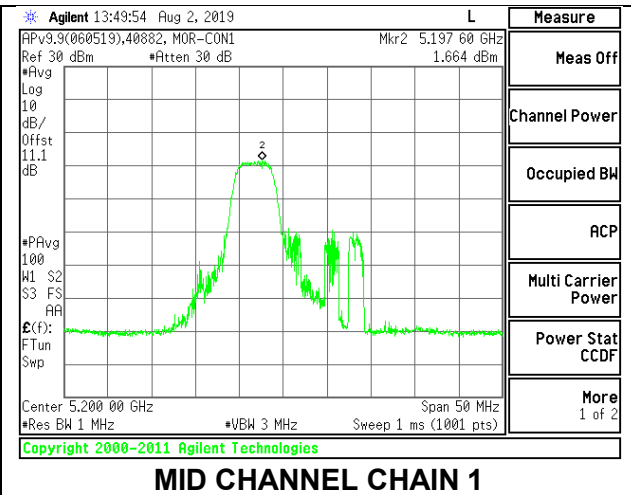
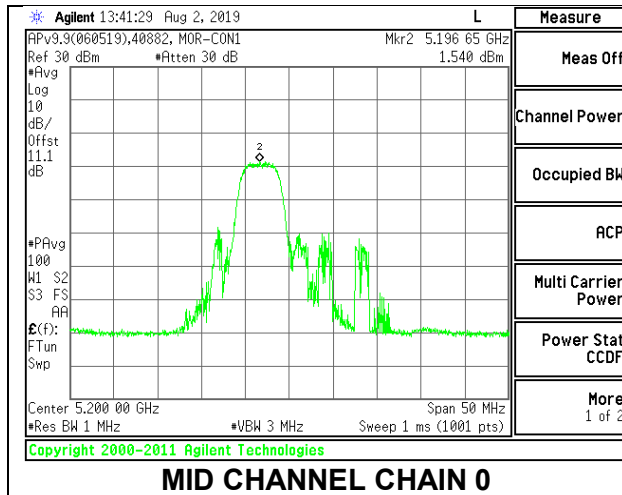
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|-----------------------|
| Low     | 5180               | 1.52                                 | 1.48                                 | 4.51                                 | 5.34                           | -0.83                 |
| Mid     | 5200               | 1.54                                 | 1.66                                 | 4.61                                 | 5.34                           | -0.73                 |
| High    | 5240               | 1.41                                 | 1.48                                 | 4.45                                 | 5.34                           | -0.89                 |

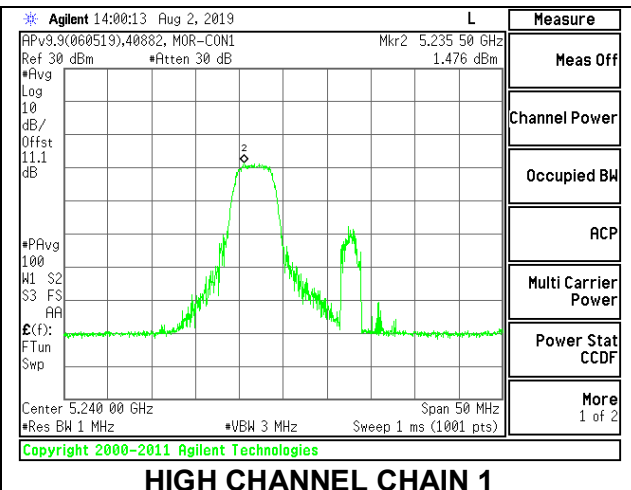
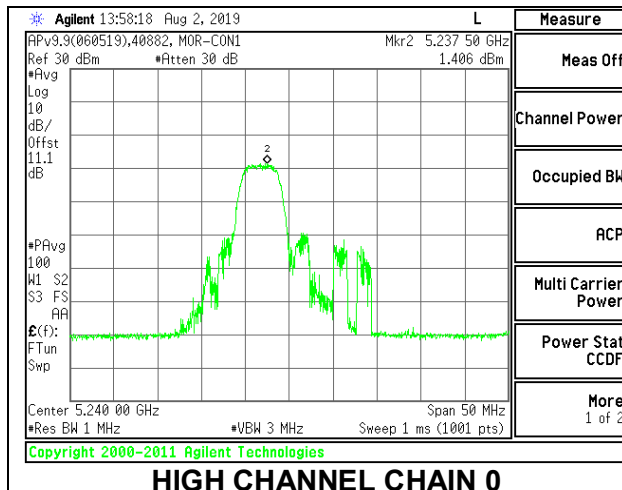
## LOW CHANNEL



## MID CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 40**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Low     | 5180               | 16.885                    | 4.66                                      | 4.66                                    | 22.28                           | 17.62                   | 10.00                                  | 5.34                           |
| Mid     | 5200               | 16.991                    | 4.66                                      | 4.66                                    | 22.30                           | 17.64                   | 10.00                                  | 5.34                           |
| High    | 5240               | 16.904                    | 4.66                                      | 4.66                                    | 22.28                           | 17.62                   | 10.00                                  | 5.34                           |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

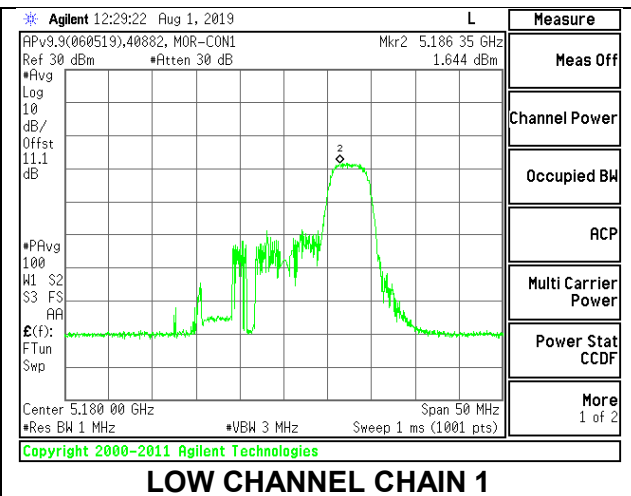
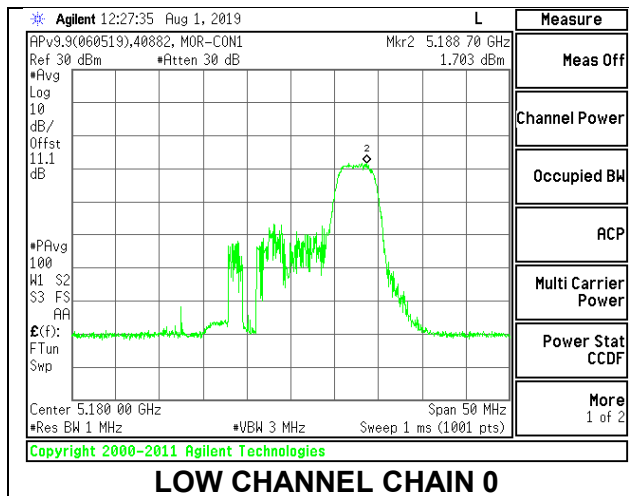
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5180               | 5.97                              | 5.91                              | 8.95                              | 17.62                   | -8.66                   |
| Mid     | 5200               | 6.13                              | 5.88                              | 9.02                              | 17.64                   | -8.63                   |
| High    | 5240               | 6.03                              | 5.79                              | 8.92                              | 17.62                   | -8.70                   |

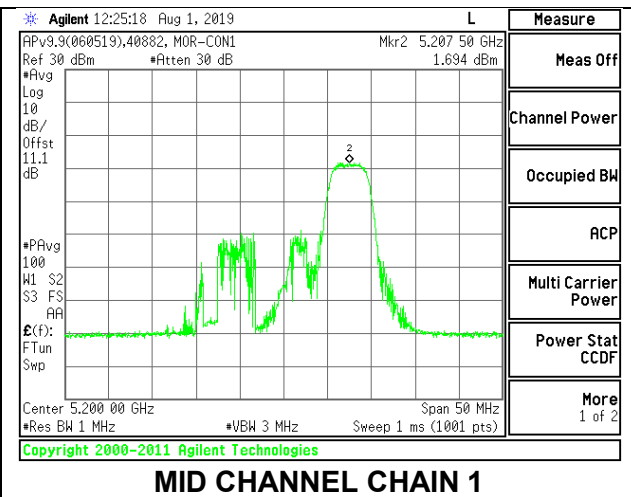
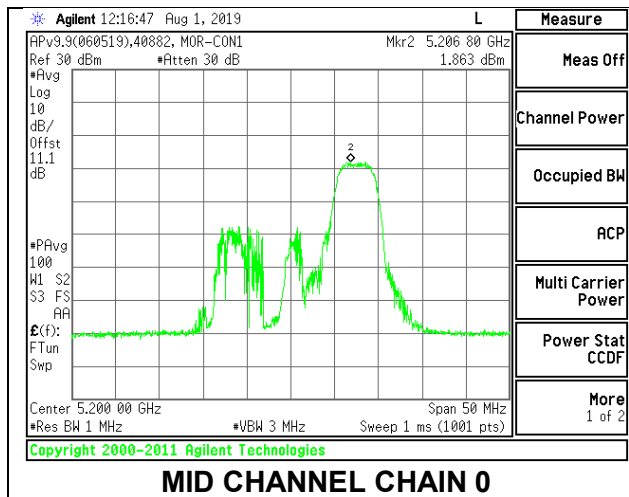
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|-----------------------|
| Low     | 5180               | 1.703                                | 1.644                                | 4.68                                 | 5.34                           | -0.66                 |
| Mid     | 5200               | 1.863                                | 1.684                                | 4.78                                 | 5.34                           | -0.56                 |
| High    | 5240               | 1.798                                | 1.680                                | 4.75                                 | 5.34                           | -0.59                 |

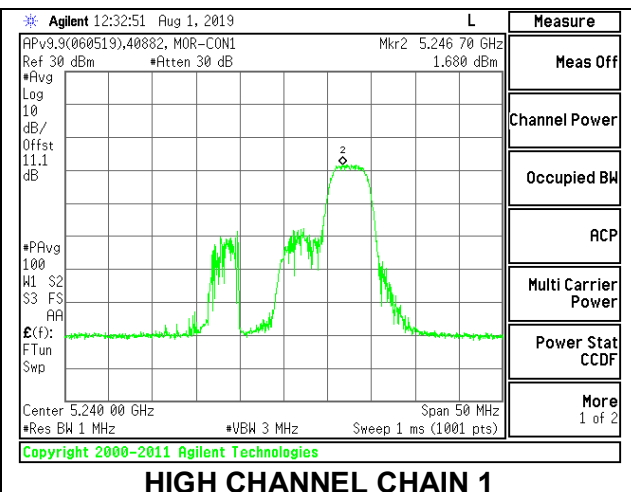
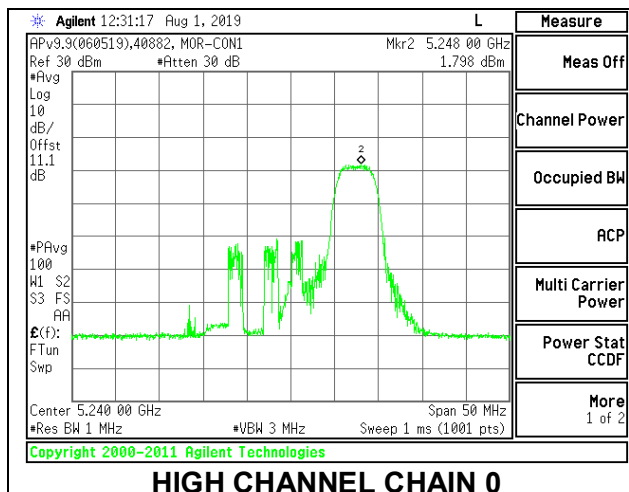
## LOW CHANNEL



## MID CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 0**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Low     | 5180               | 16.885                    | 4.66                                      | 4.66                                    | 22.28                           | 17.62                   | 10.00                                  | 5.34                           |
| Mid     | 5200               | 16.991                    | 4.66                                      | 4.66                                    | 22.30                           | 17.64                   | 10.00                                  | 5.34                           |
| High    | 5240               | 16.904                    | 4.66                                      | 4.66                                    | 22.28                           | 17.62                   | 10.00                                  | 5.34                           |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

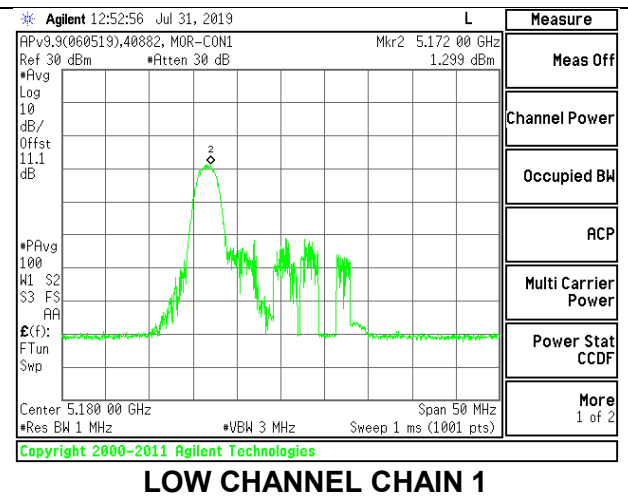
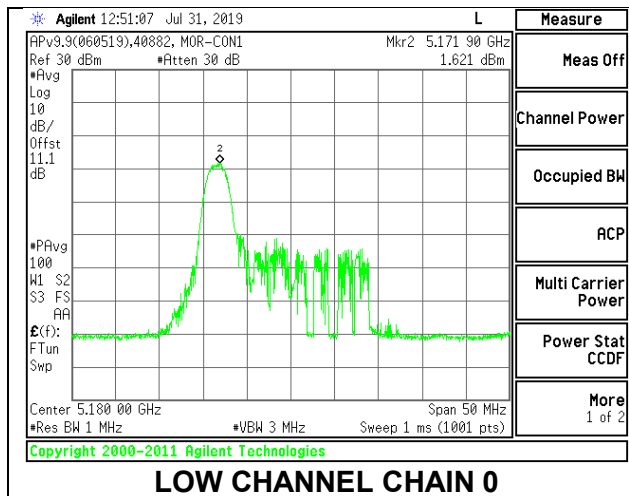
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5180               | 4.45                              | 4.24                              | 7.36                              | 17.62                   | -10.26                  |
| Mid     | 5200               | 4.47                              | 4.33                              | 7.41                              | 17.64                   | -10.23                  |
| High    | 5240               | 4.30                              | 4.35                              | 7.34                              | 17.62                   | -10.28                  |

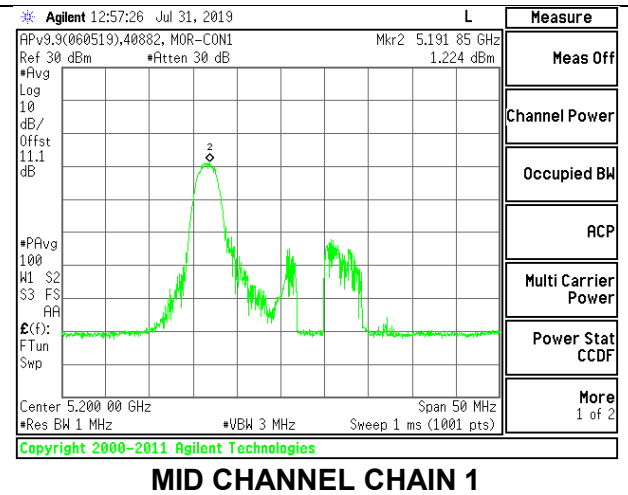
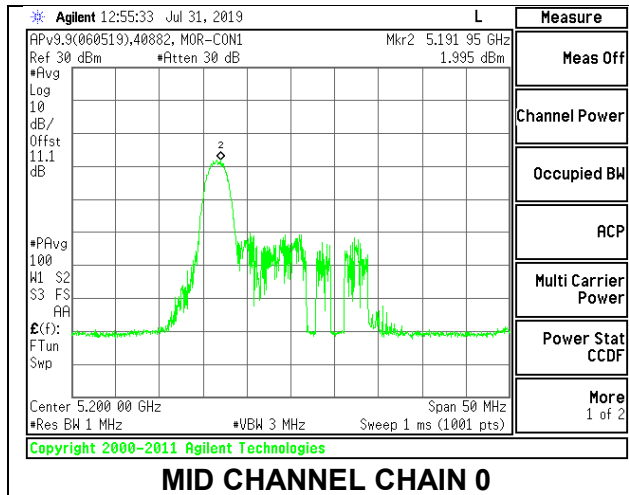
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|-----------------------|
| Low     | 5180               | 1.62                                 | 1.30                                 | 4.47                                 | 5.34                           | -0.87                 |
| Mid     | 5200               | 2.00                                 | 1.22                                 | 4.64                                 | 5.34                           | -0.70                 |
| High    | 5240               | 1.79                                 | 1.42                                 | 4.62                                 | 5.34                           | -0.72                 |

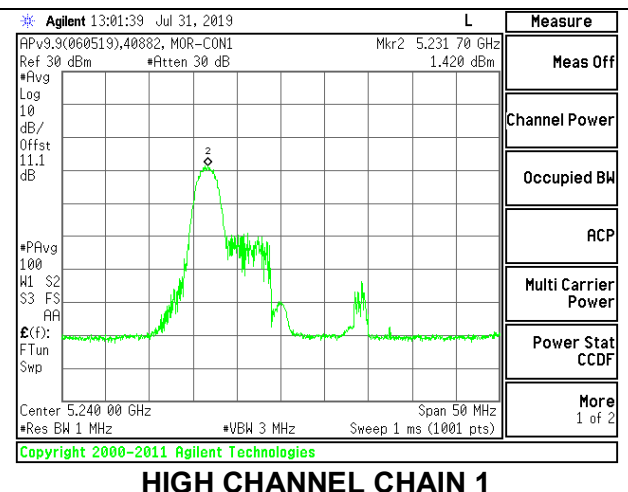
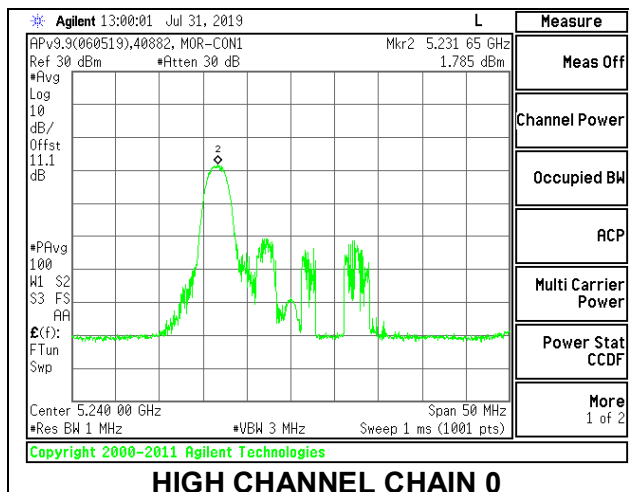
## LOW CHANNEL



## MID CHANNEL



## HIGH CHANNEL



## 2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 4

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Low     | 5180               | 16.885                    | 4.66                                      | 4.66                                    | 22.28                           | 17.62                   | 10.00                                  | 5.34                           |
| Mid     | 5200               | 16.991                    | 4.66                                      | 4.66                                    | 22.30                           | 17.64                   | 10.00                                  | 5.34                           |
| High    | 5240               | 16.904                    | 4.66                                      | 4.66                                    | 22.28                           | 17.62                   | 10.00                                  | 5.34                           |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

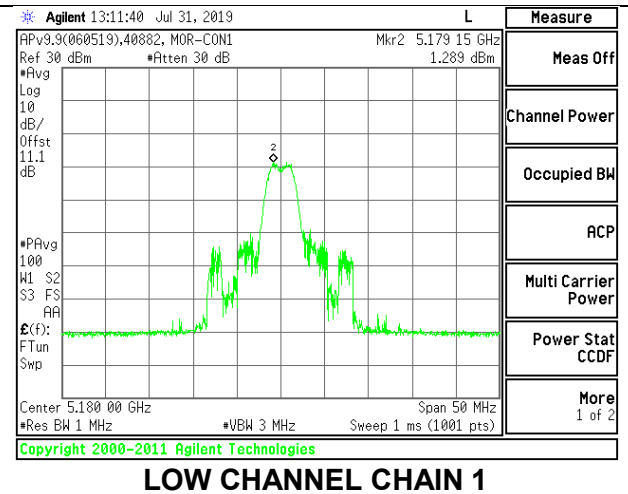
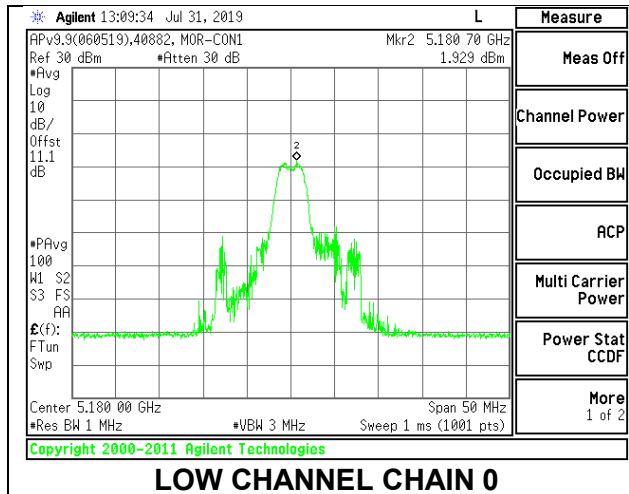
### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5180               | 4.60                              | 4.50                              | 7.56                              | 17.62                   | -10.05                  |
| Mid     | 5200               | 4.72                              | 4.46                              | 7.60                              | 17.64                   | -10.04                  |
| High    | 5240               | 4.50                              | 4.42                              | 7.47                              | 17.62                   | -10.15                  |

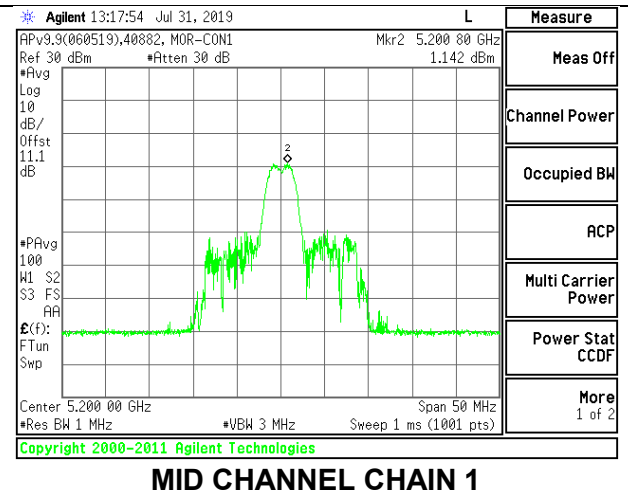
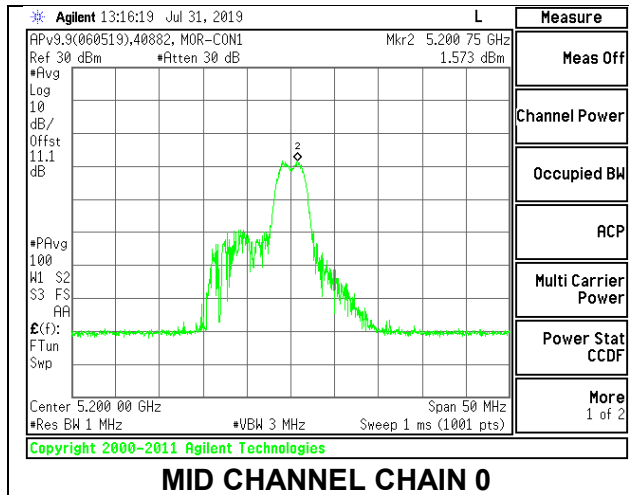
### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|-----------------------|
| Low     | 5180               | 1.929                                | 1.289                                | 4.63                                 | 5.34                           | -0.71                 |
| Mid     | 5200               | 1.573                                | 1.142                                | 4.37                                 | 5.34                           | -0.97                 |
| High    | 5240               | 1.328                                | 1.260                                | 4.30                                 | 5.34                           | -1.04                 |

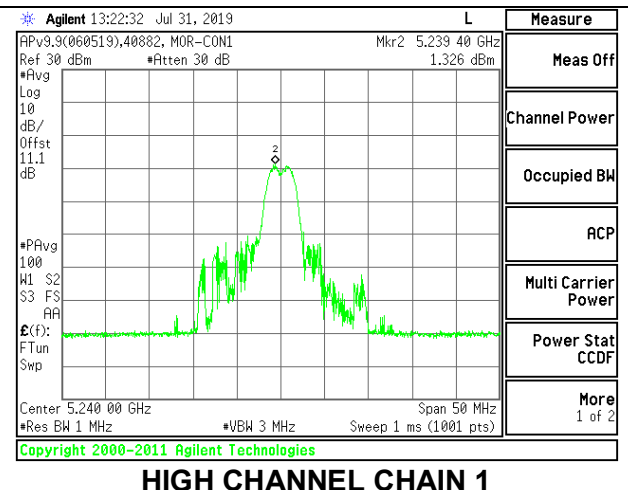
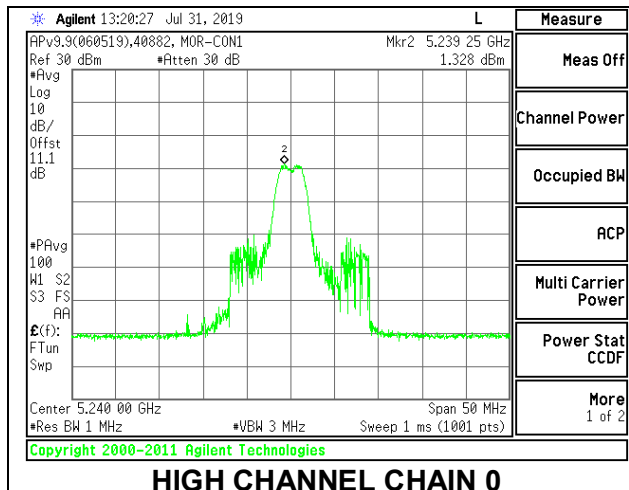
## LOW CHANNEL



## MID CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 8**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Low     | 5180               | 16.885                    | 4.66                                      | 4.66                                    | 22.28                           | 17.62                   | 10.00                                  | 5.34                           |
| Mid     | 5200               | 16.991                    | 4.66                                      | 4.66                                    | 22.30                           | 17.64                   | 10.00                                  | 5.34                           |
| High    | 5240               | 16.904                    | 4.66                                      | 4.66                                    | 22.28                           | 17.62                   | 10.00                                  | 5.34                           |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

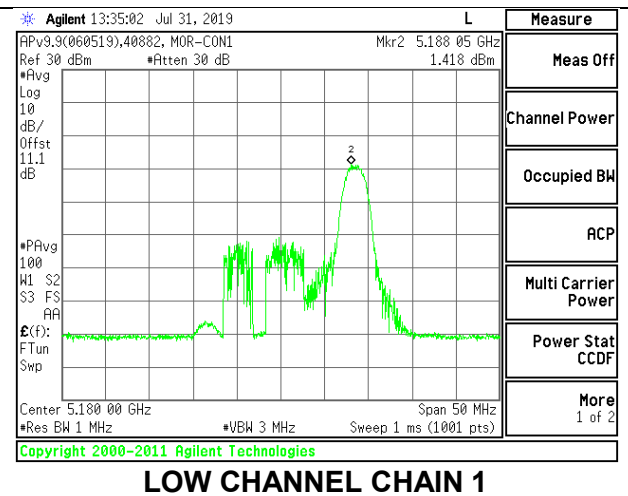
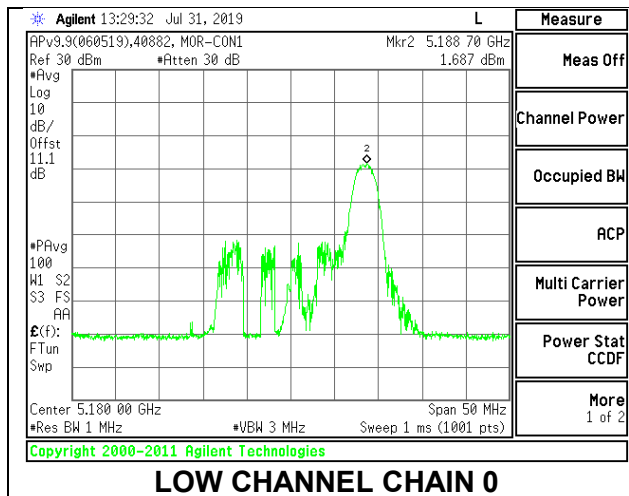
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5180               | 4.30                              | 4.26                              | 7.29                              | 17.62                   | -10.32                  |
| Mid     | 5200               | 4.35                              | 4.32                              | 7.35                              | 17.64                   | -10.30                  |
| High    | 5240               | 4.40                              | 4.22                              | 7.32                              | 17.62                   | -10.30                  |

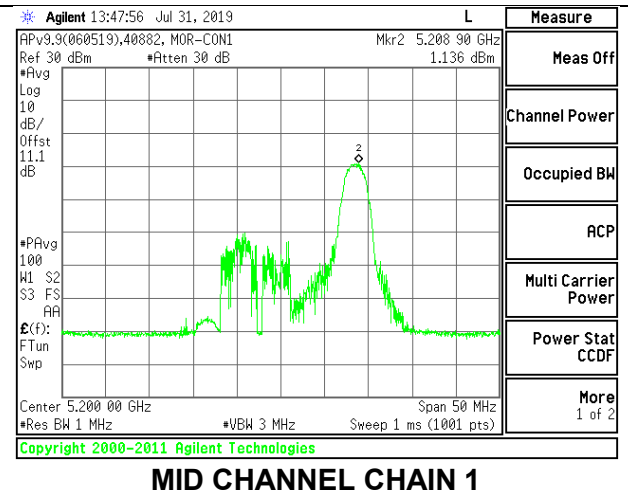
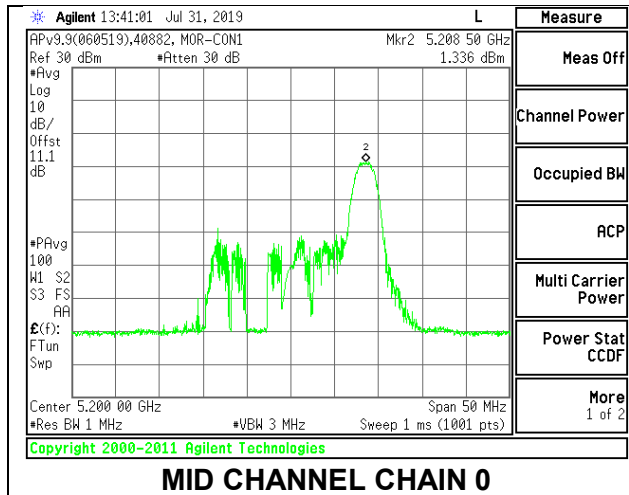
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|-----------------------|
| Low     | 5180               | 1.69                                 | 1.42                                 | 4.56                                 | 5.34                           | -0.78                 |
| Mid     | 5200               | 1.34                                 | 1.14                                 | 4.25                                 | 5.34                           | -1.09                 |
| High    | 5240               | 1.76                                 | 1.62                                 | 4.70                                 | 5.34                           | -0.64                 |

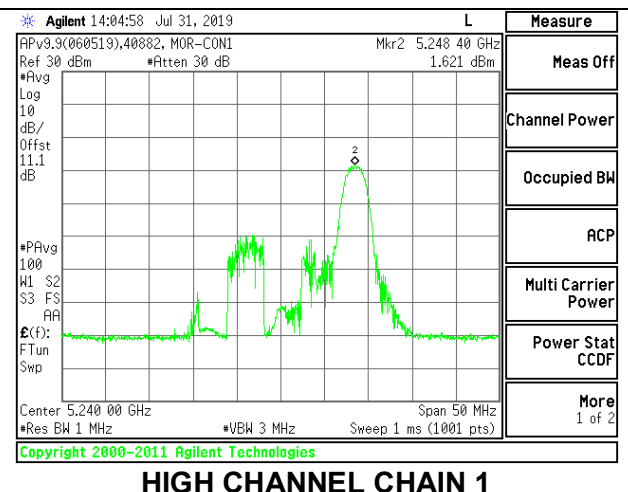
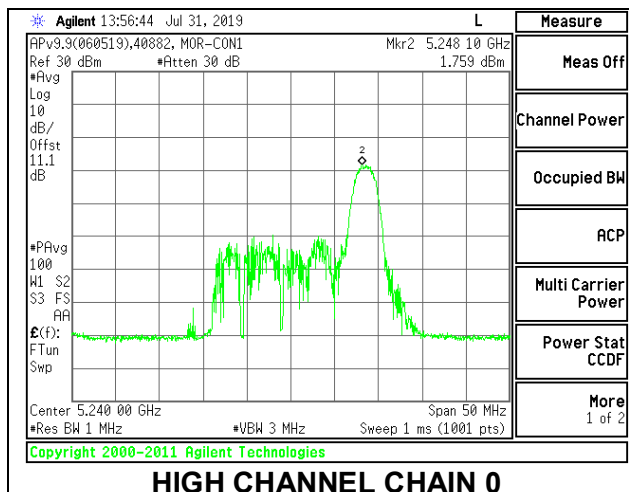
## LOW CHANNEL



## MID CHANNEL



## HIGH CHANNEL



### 9.4.3. 802.11ax HE40 MODE IN THE 5.2 GHz BAND (FCC)

#### 2TX Antenna 1 + Antenna 2 SU MODE

##### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Low     | 5190               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| High    | 5230               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

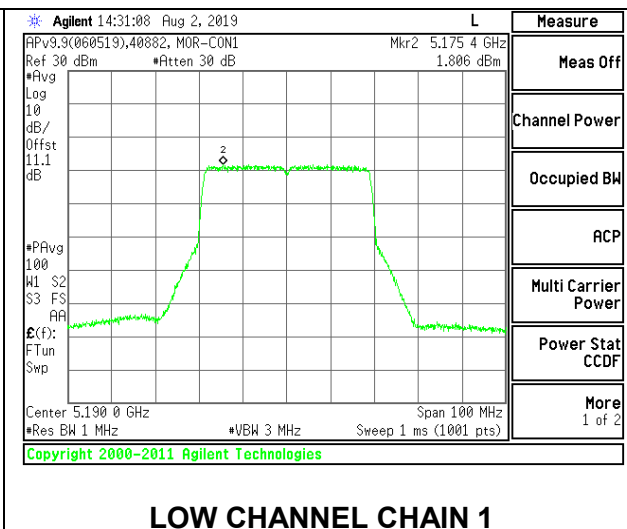
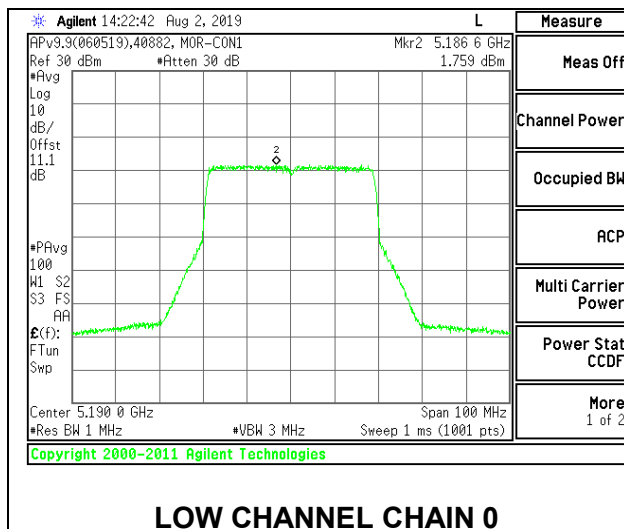
##### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 14.25                             | 14.14                             | 17.21                             | 24.00                   | -6.79                   |
| High    | 5230               | 14.15                             | 14.08                             | 17.13                             | 24.00                   | -6.87                   |

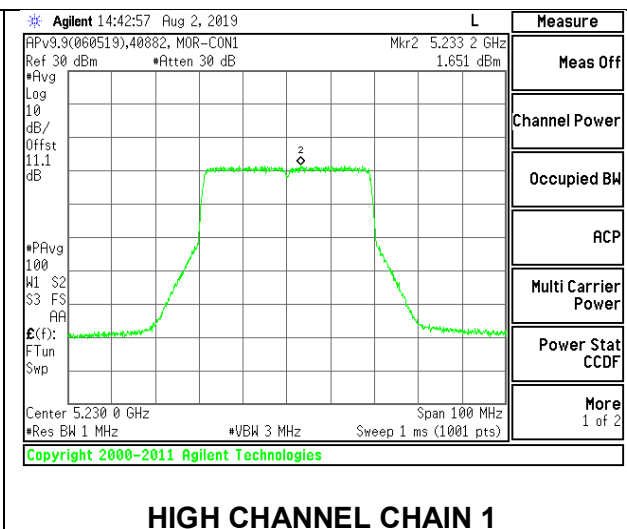
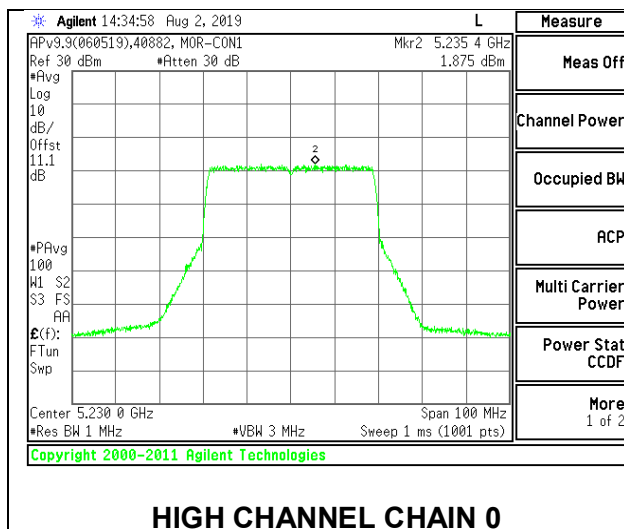
##### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 1.759                                    | 1.806                                    | 4.79                                     | 11.00                          | -6.21                 |
| High    | 5230               | 1.875                                    | 1.651                                    | 4.77                                     | 11.00                          | -6.23                 |

## LOW CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 484-Tones, RU Index 65**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Low     | 5190               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| High    | 5230               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

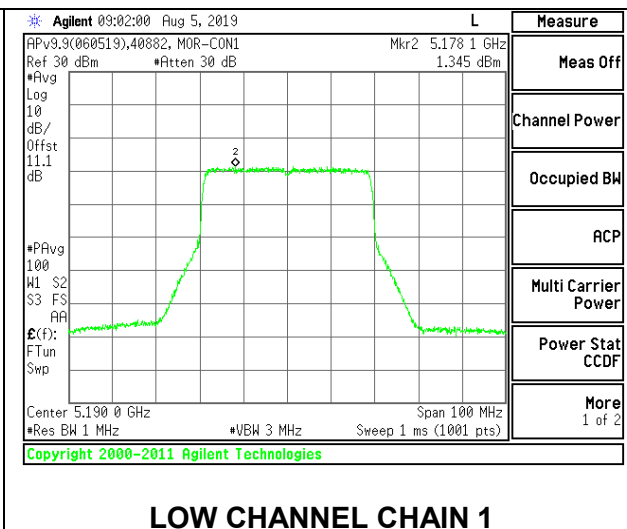
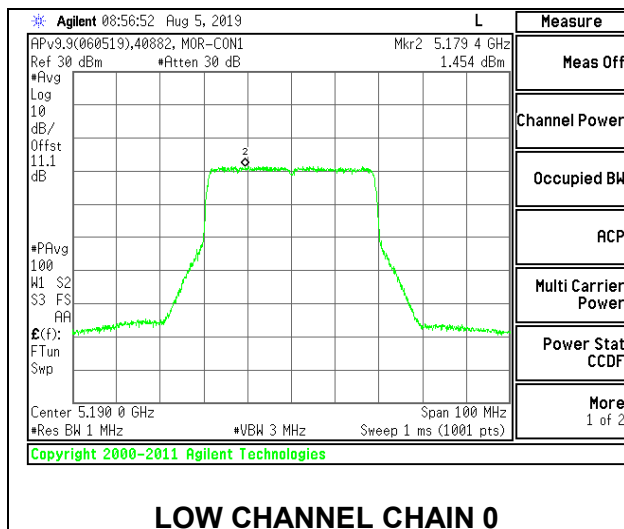
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 14.55                             | 14.40                             | 17.49                             | 24.00                   | -6.51                   |
| High    | 5230               | 14.50                             | 14.43                             | 17.48                             | 24.00                   | -6.52                   |

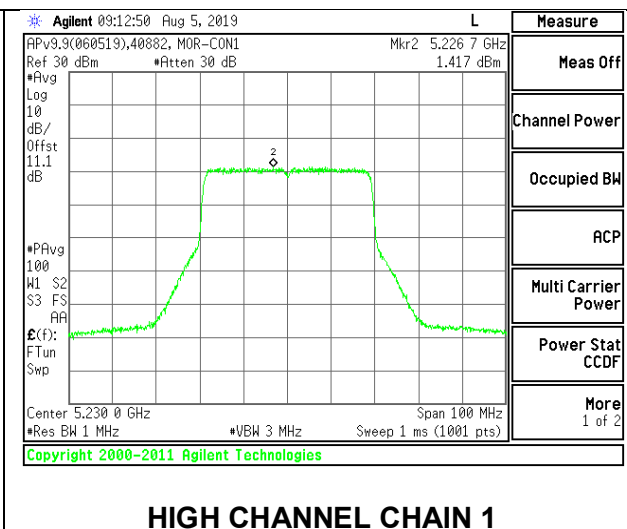
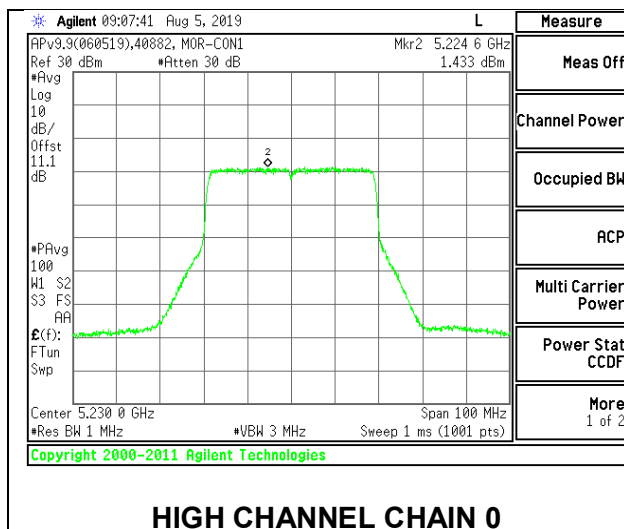
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 1.454                                    | 1.345                                    | 4.41                                     | 11.00                          | -6.59                 |
| High    | 5230               | 1.433                                    | 1.417                                    | 4.44                                     | 11.00                          | -6.56                 |

## LOW CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 242-Tones, RU Index 61**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Low     | 5190               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| High    | 5230               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                           |      |                                        |
|---------------------------|------|----------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | Included in Calculations of Corr'd PSD |
|---------------------------|------|----------------------------------------|

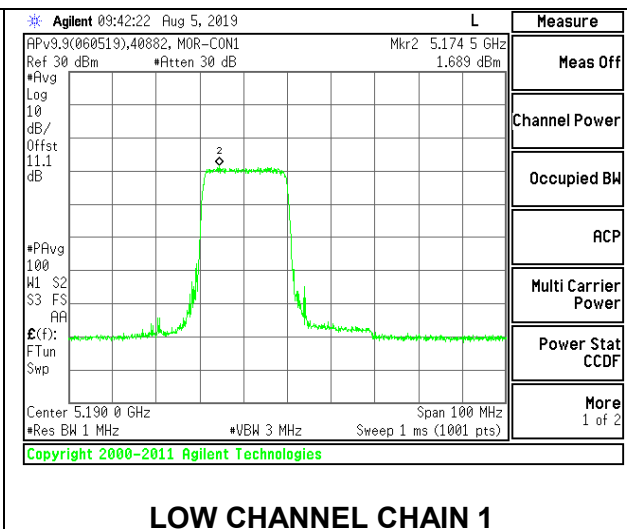
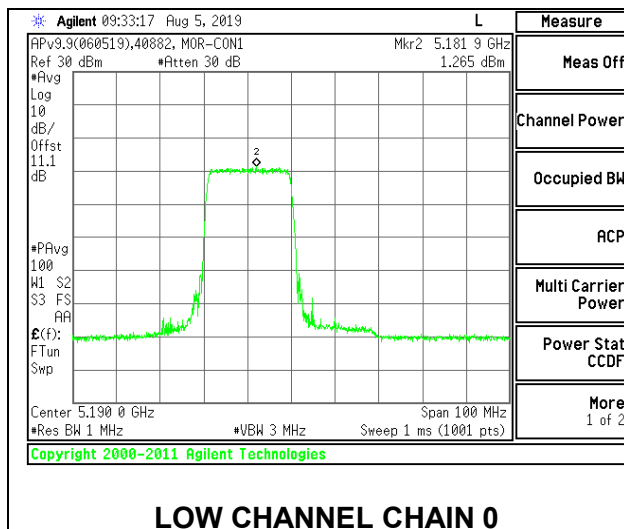
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 12.66                             | 12.48                             | 15.58                             | 24.00                   | -8.42                   |
| High    | 5230               | 12.67                             | 12.51                             | 15.60                             | 24.00                   | -8.40                   |

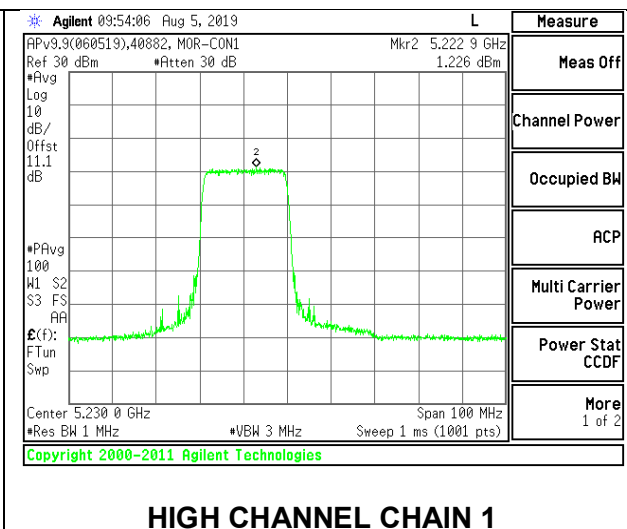
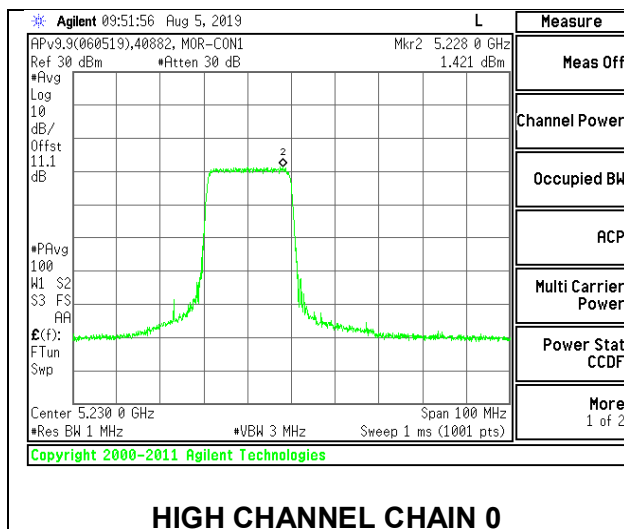
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 1.265                                    | 1.689                                    | 4.49                                     | 11.00                          | -6.51                 |
| High    | 5230               | 1.421                                    | 1.226                                    | 4.33                                     | 11.00                          | -6.67                 |

## LOW CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 242-Tones, RU Index 62**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Low     | 5190               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| High    | 5230               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

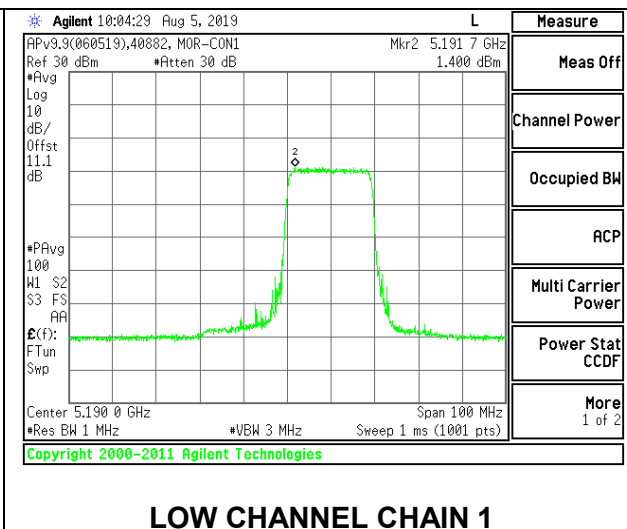
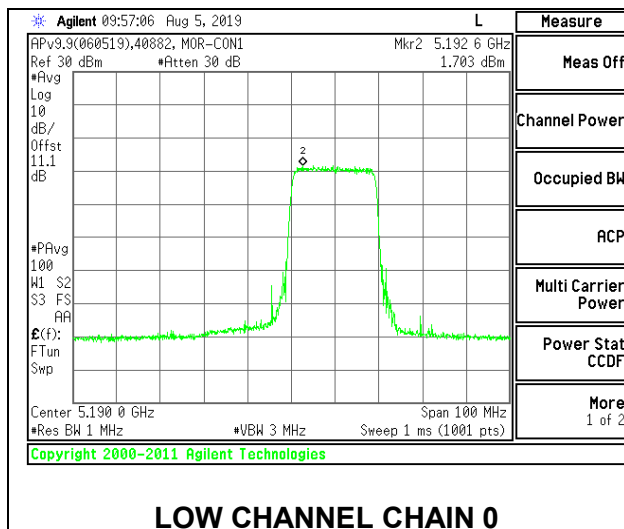
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 12.65                             | 12.41                             | 15.54                             | 24.00                   | -8.46                   |
| High    | 5230               | 12.68                             | 12.37                             | 15.54                             | 24.00                   | -8.46                   |

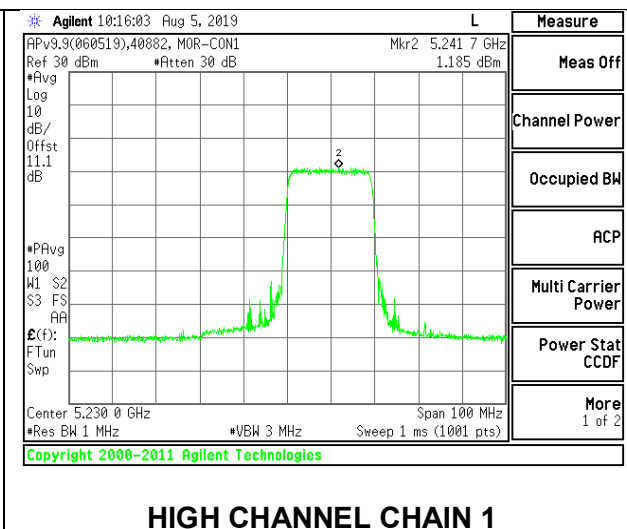
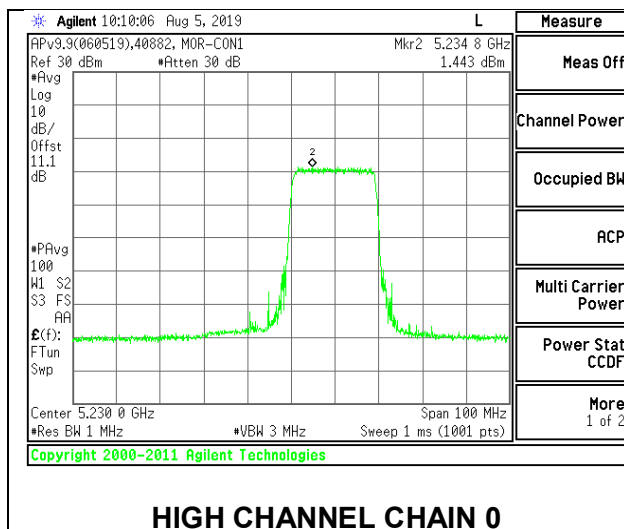
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 1.703                                    | 1.400                                    | 4.56                                     | 11.00                          | -6.44                 |
| High    | 5230               | 1.443                                    | 1.185                                    | 4.33                                     | 11.00                          | -6.67                 |

## LOW CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 53**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Low     | 5190               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| High    | 5230               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

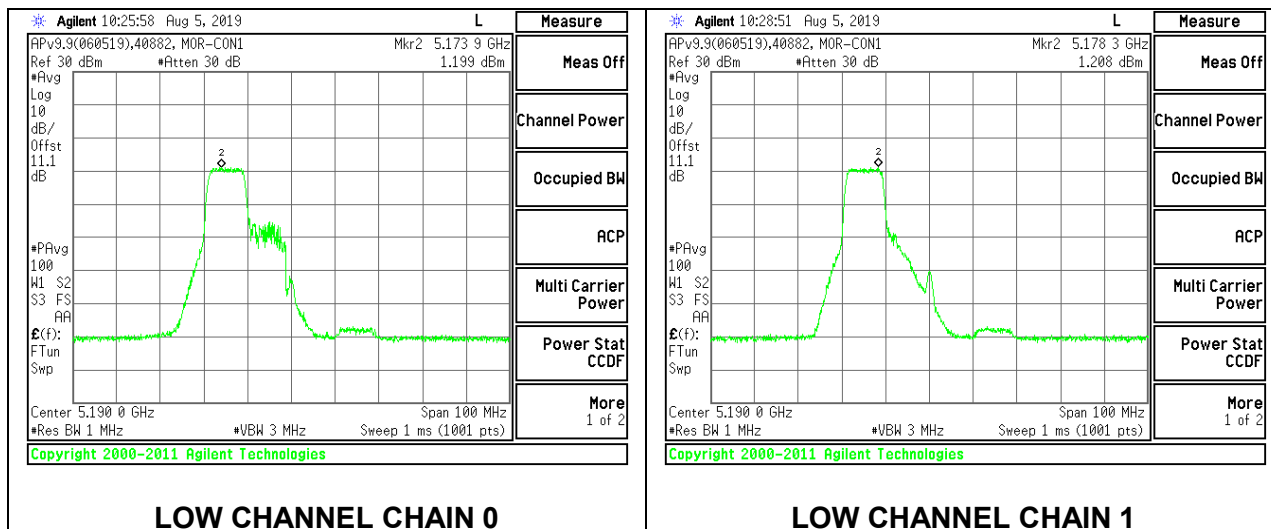
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 9.25                              | 9.05                              | 12.16                             | 24.00                   | -11.84                  |
| High    | 5230               | 9.70                              | 9.37                              | 12.55                             | 24.00                   | -11.45                  |

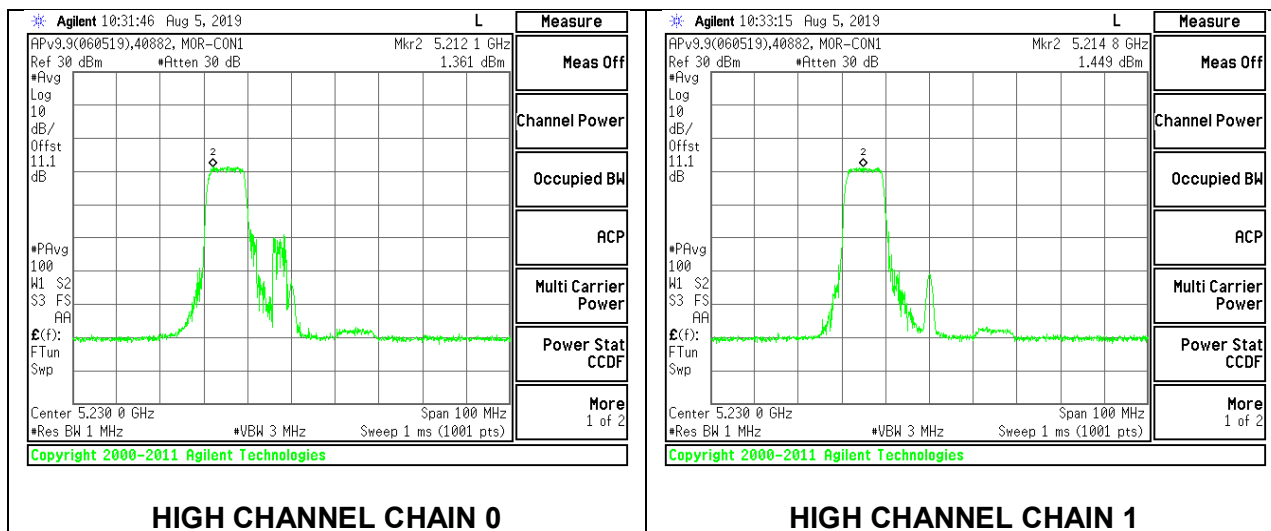
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 1.199                                    | 1.208                                    | 4.21                                     | 11.00                          | -6.79                 |
| High    | 5230               | 1.361                                    | 1.449                                    | 4.42                                     | 11.00                          | -6.58                 |

## LOW CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 54**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Low     | 5190               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| High    | 5230               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

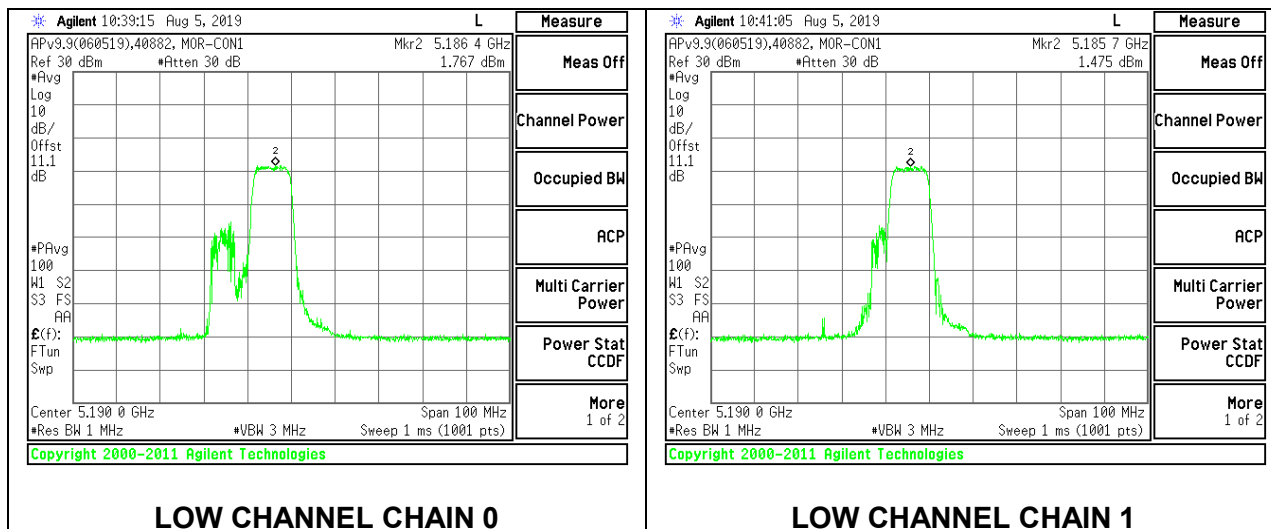
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 9.64                              | 9.34                              | 12.50                             | 24.00                   | -11.50                  |
| High    | 5230               | 9.73                              | 9.35                              | 12.55                             | 24.00                   | -11.45                  |

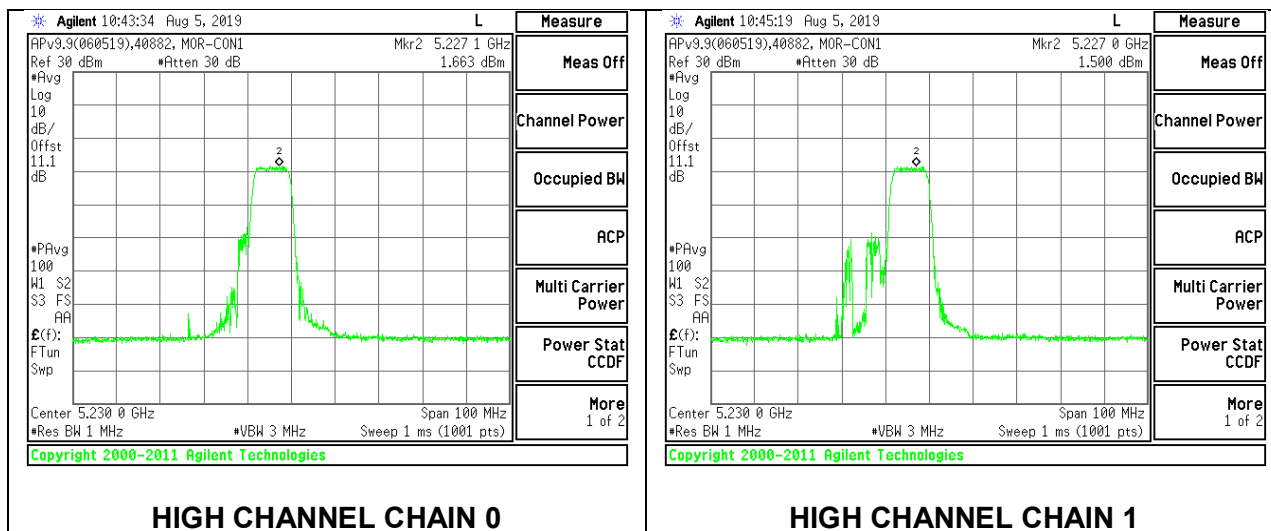
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 1.767                                    | 1.475                                    | 4.63                                     | 11.00                          | -6.37                 |
| High    | 5230               | 1.663                                    | 1.500                                    | 4.59                                     | 11.00                          | -6.41                 |

## LOW CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 56**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Low     | 5190               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| High    | 5230               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

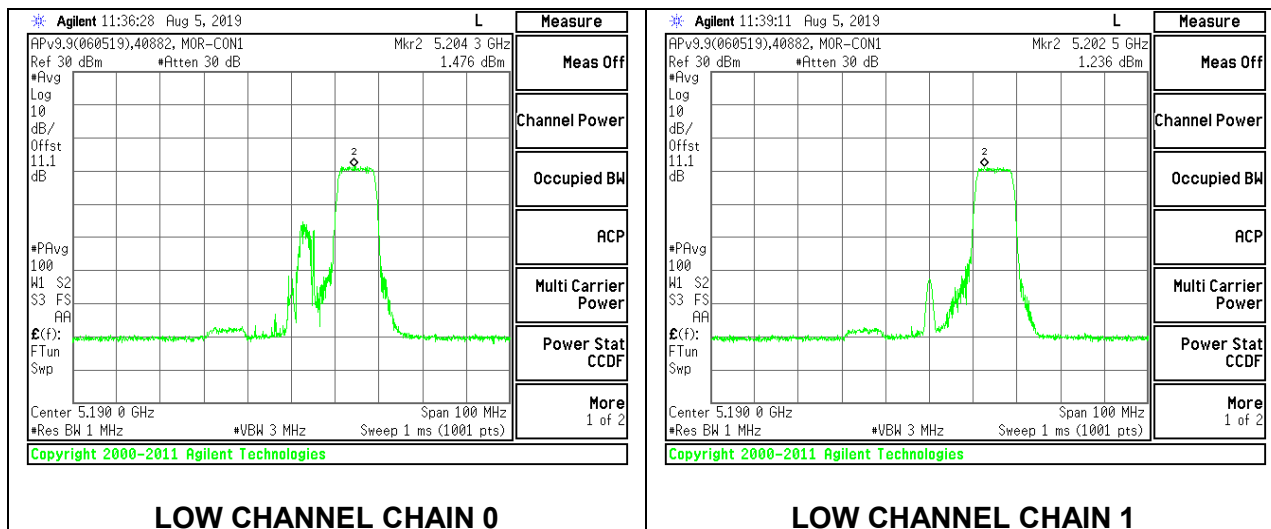
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 9.70                              | 9.35                              | 12.54                             | 24.00                   | -11.46                  |
| High    | 5230               | 9.55                              | 9.33                              | 12.45                             | 24.00                   | -11.55                  |

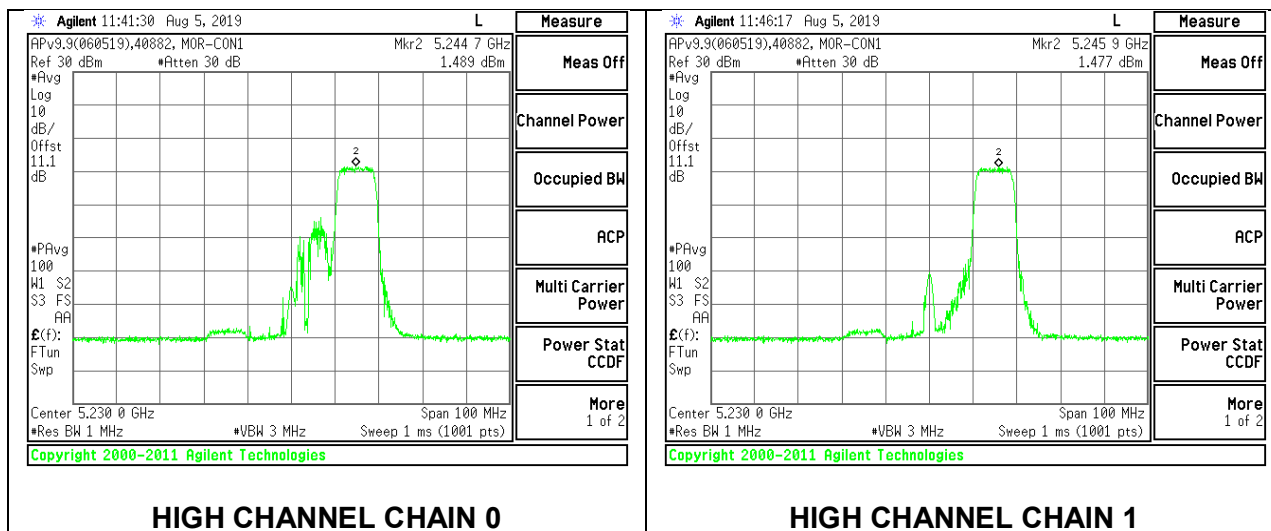
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 1.476                                    | 1.236                                    | 4.37                                     | 11.00                          | -6.63                 |
| High    | 5230               | 1.489                                    | 1.477                                    | 4.49                                     | 11.00                          | -6.51                 |

## LOW CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 37**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Low     | 5190               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| High    | 5230               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

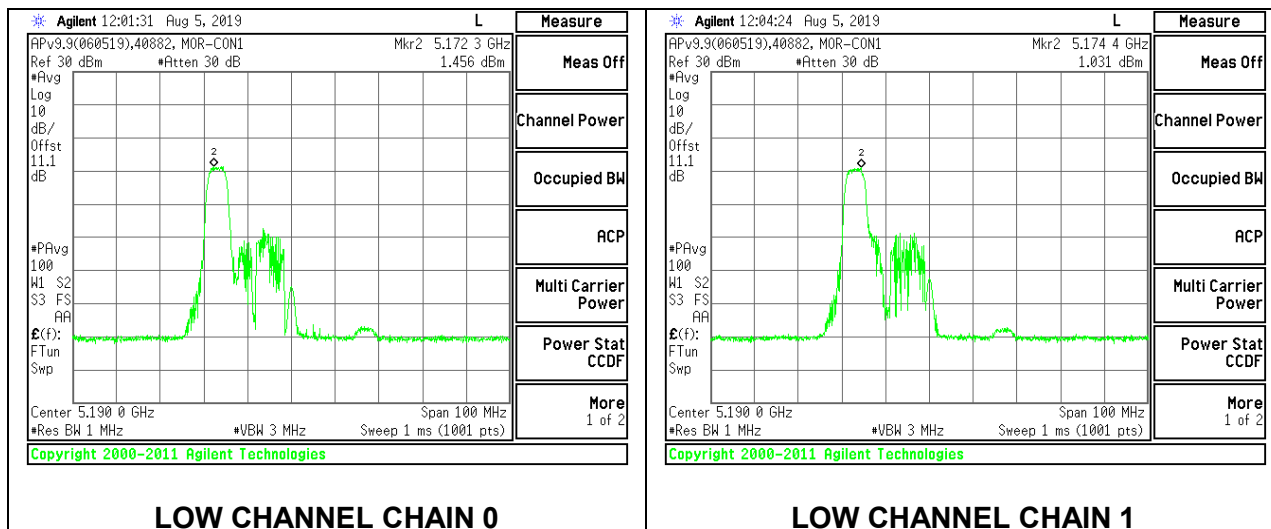
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 6.53                              | 6.32                              | 9.44                              | 24.00                   | -14.56                  |
| High    | 5230               | 6.62                              | 6.29                              | 9.47                              | 24.00                   | -14.53                  |

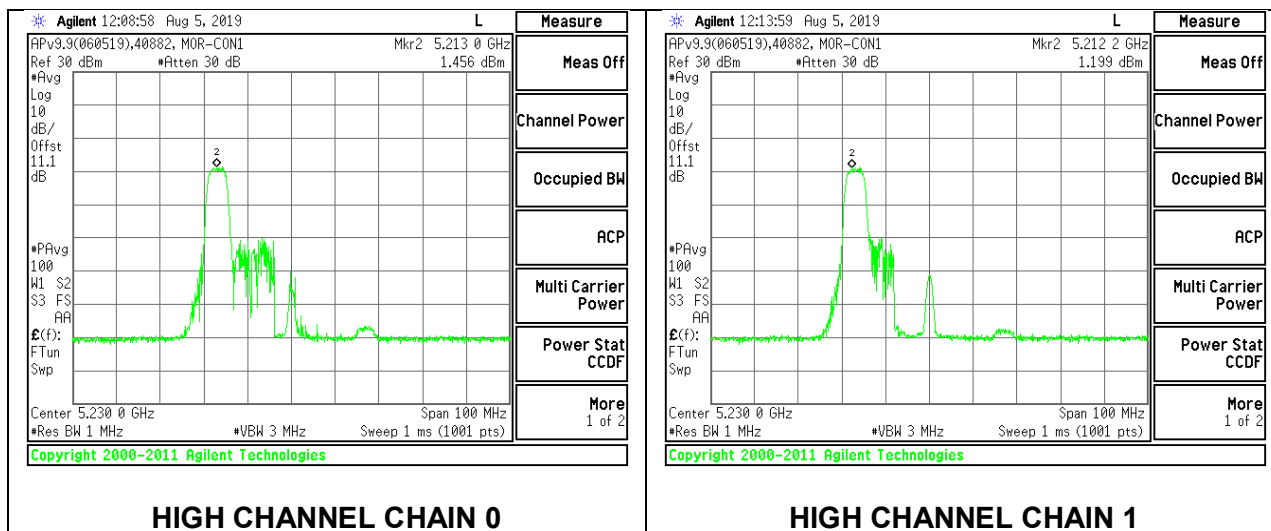
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 1.456                                    | 1.031                                    | 4.26                                     | 11.00                          | -6.74                 |
| High    | 5230               | 1.456                                    | 1.199                                    | 4.34                                     | 11.00                          | -6.66                 |

## LOW CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 40**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Low     | 5190               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| High    | 5230               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

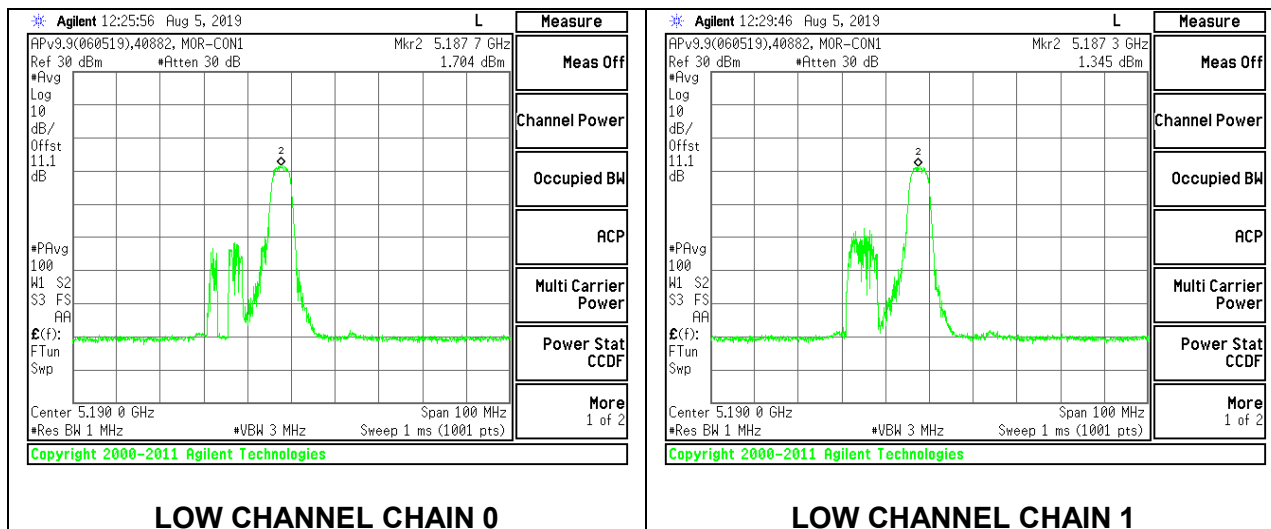
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 6.54                              | 6.31                              | 9.44                              | 24.00                   | -14.56                  |
| High    | 5230               | 6.65                              | 6.38                              | 9.53                              | 24.00                   | -14.47                  |

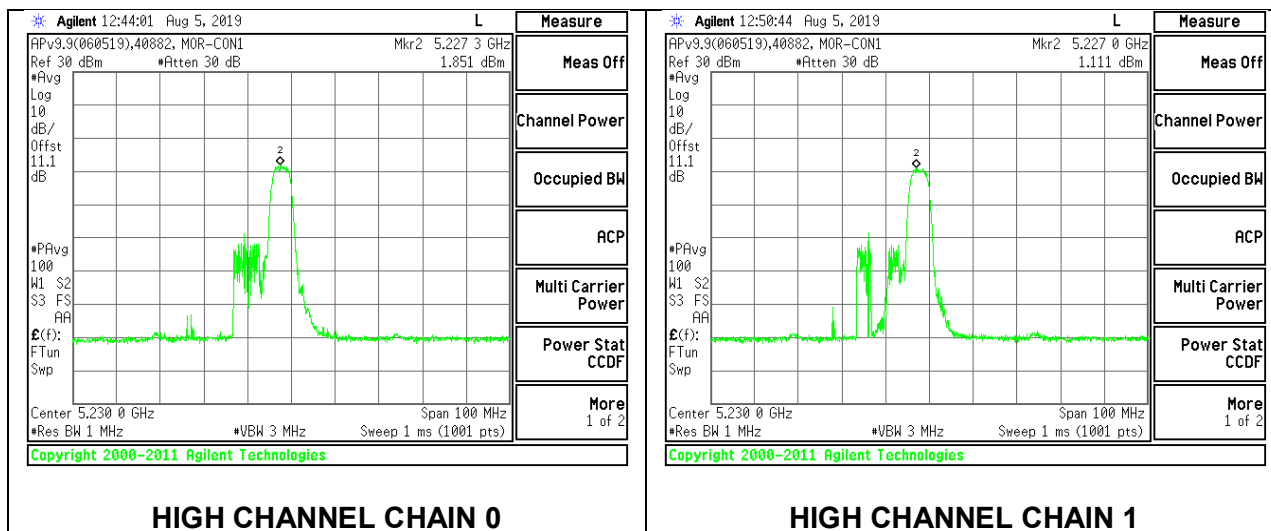
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 1.704                                    | 1.345                                    | 4.54                                     | 11.00                          | -6.46                 |
| High    | 5230               | 1.851                                    | 1.111                                    | 4.51                                     | 11.00                          | -6.49                 |

## LOW CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 44**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Low     | 5190               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| High    | 5230               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

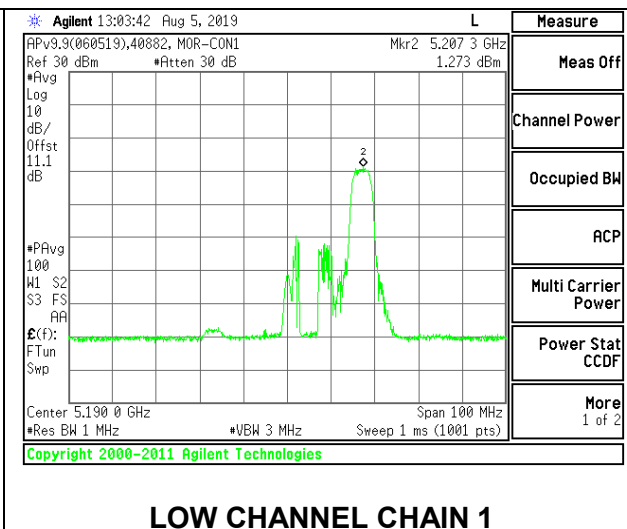
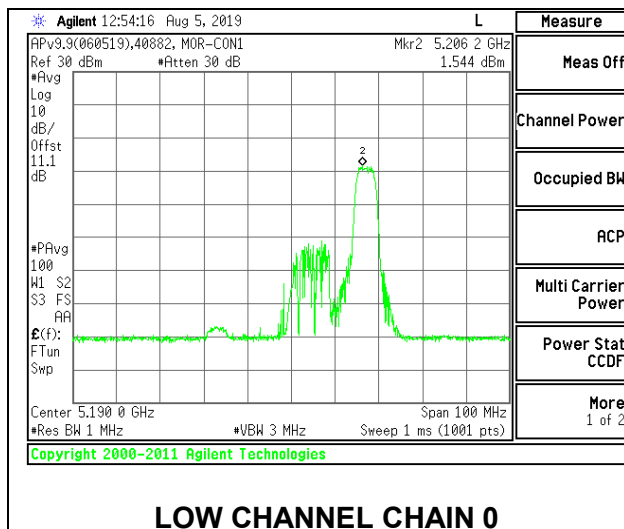
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 6.61                              | 6.30                              | 9.47                              | 24.00                   | -14.53                  |
| High    | 5230               | 6.46                              | 6.21                              | 9.35                              | 24.00                   | -14.65                  |

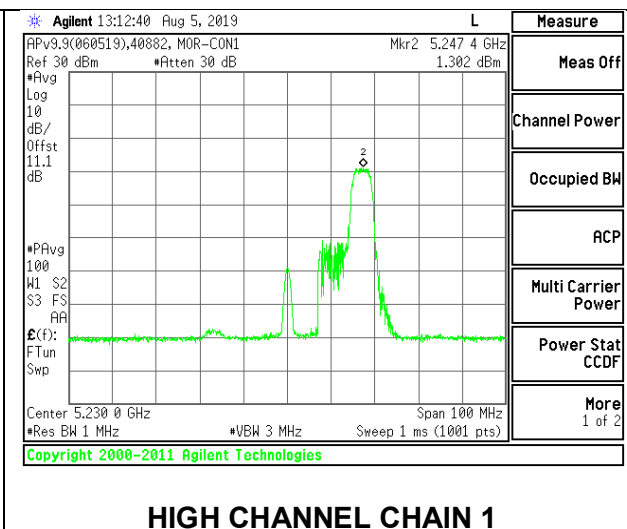
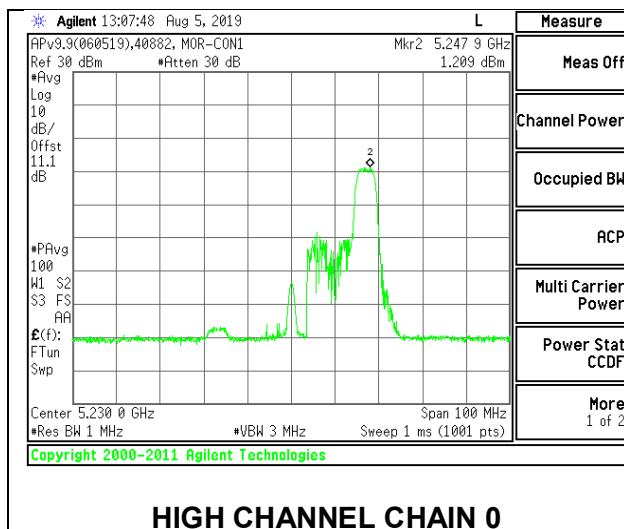
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 1.544                                    | 1.273                                    | 4.42                                     | 11.00                          | -6.58                 |
| High    | 5230               | 1.209                                    | 1.302                                    | 4.27                                     | 11.00                          | -6.73                 |

## LOW CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 0**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Low     | 5190               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| High    | 5230               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

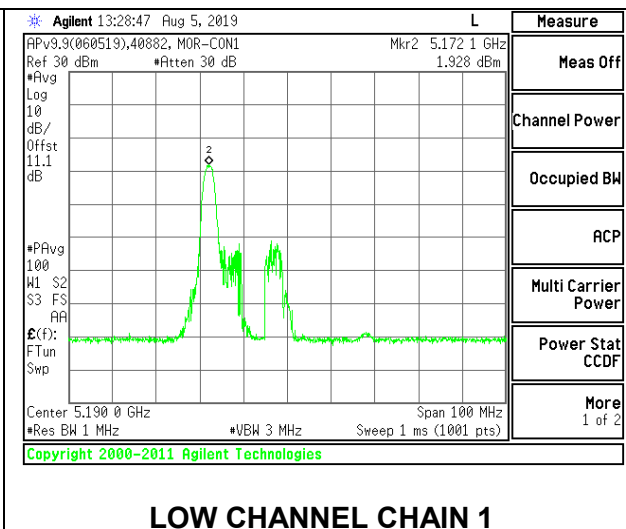
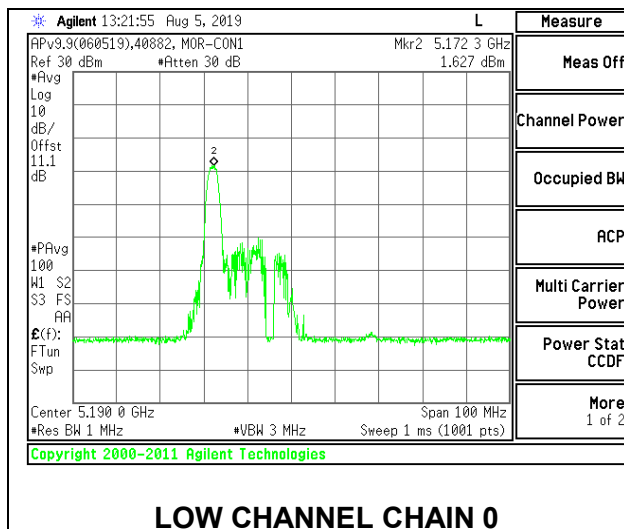
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 4.34                              | 4.37                              | 7.37                              | 24.00                   | -16.63                  |
| High    | 5230               | 4.67                              | 4.28                              | 7.49                              | 24.00                   | -16.51                  |

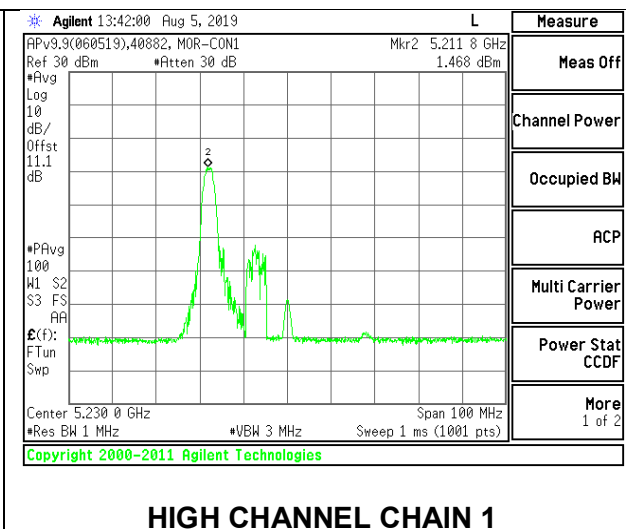
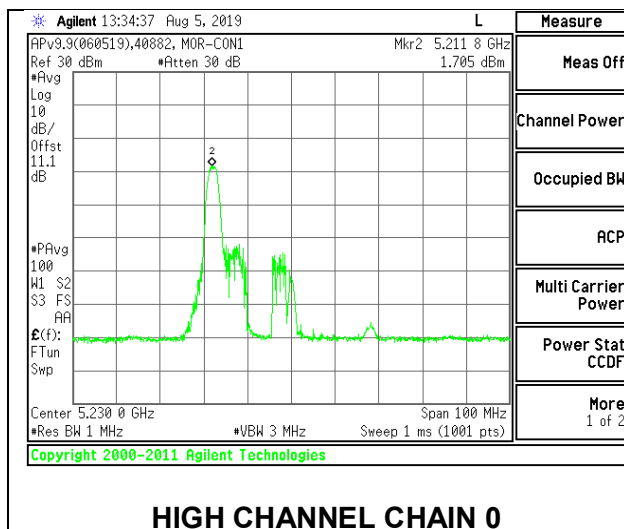
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 1.627                                    | 1.928                                    | 4.79                                     | 11.00                          | -6.21                 |
| High    | 5230               | 1.705                                    | 1.468                                    | 4.60                                     | 11.00                          | -6.40                 |

## LOW CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 8**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Low     | 5190               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| High    | 5230               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

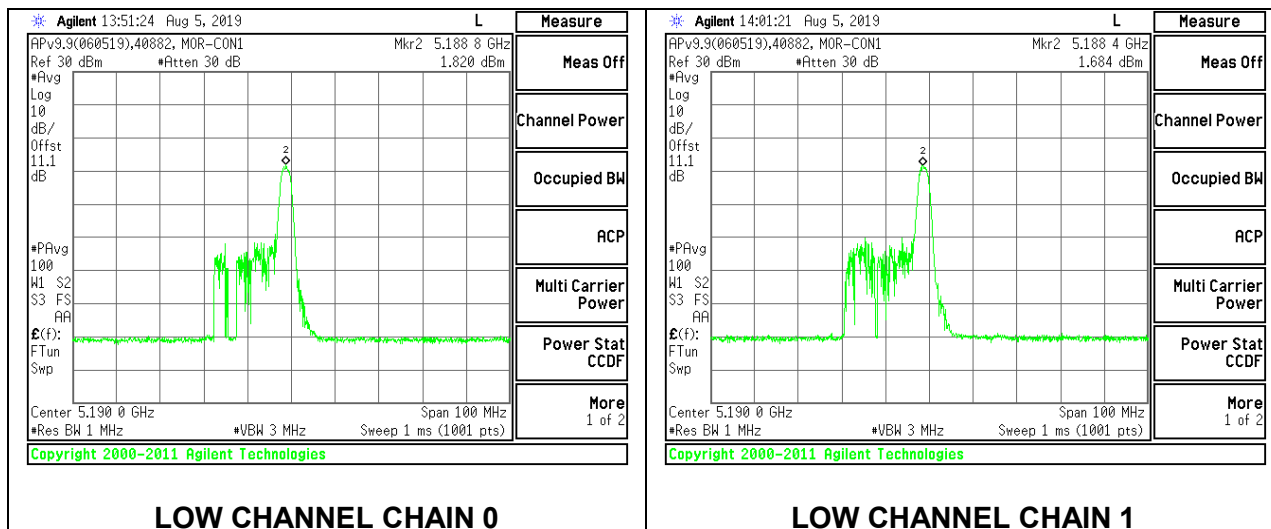
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 4.37                              | 4.09                              | 7.24                              | 24.00                   | -16.76                  |
| High    | 5230               | 4.53                              | 4.05                              | 7.31                              | 24.00                   | -16.69                  |

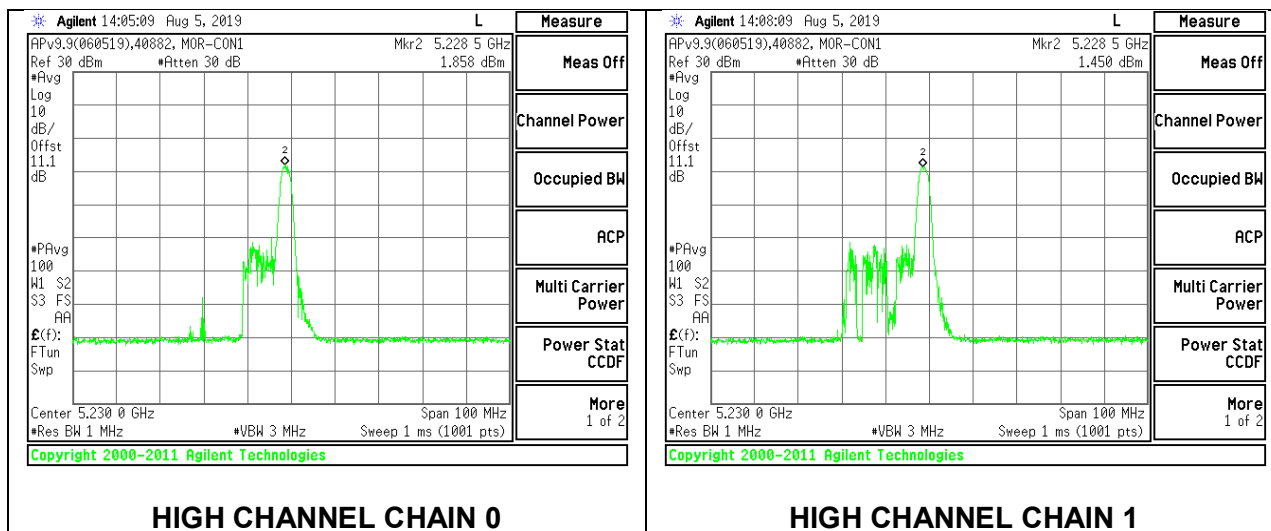
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 1.820                                    | 1.684                                    | 4.76                                     | 11.00                          | -6.24                 |
| High    | 5230               | 1.858                                    | 1.450                                    | 4.67                                     | 11.00                          | -6.33                 |

## LOW CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 17**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Low     | 5190               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |
| High    | 5230               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

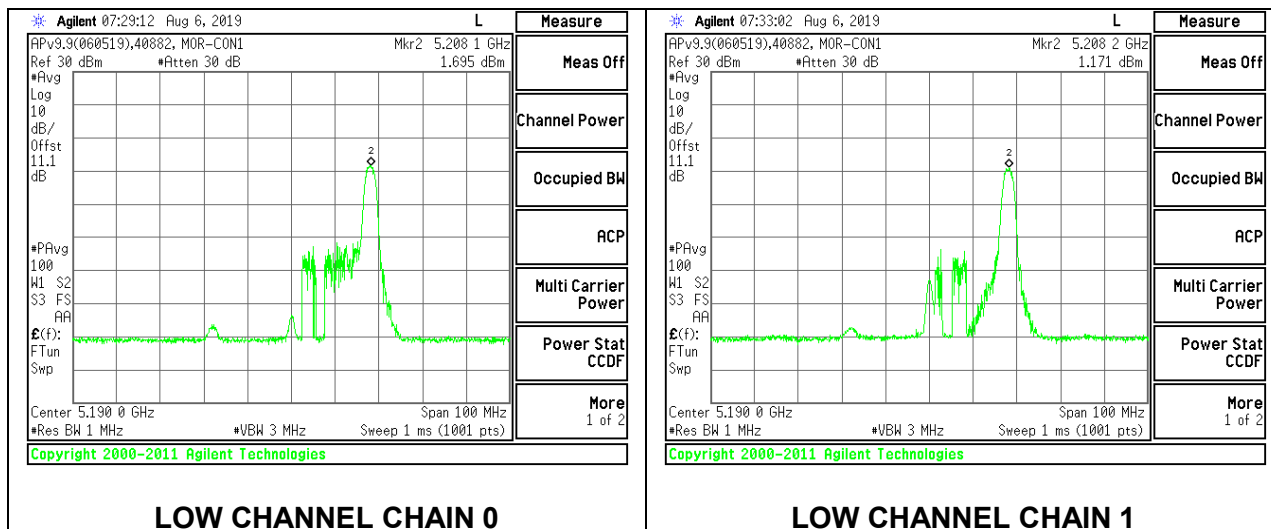
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 4.62                              | 4.20                              | 7.43                              | 24.00                   | -16.57                  |
| High    | 5230               | 4.35                              | 4.13                              | 7.25                              | 24.00                   | -16.75                  |

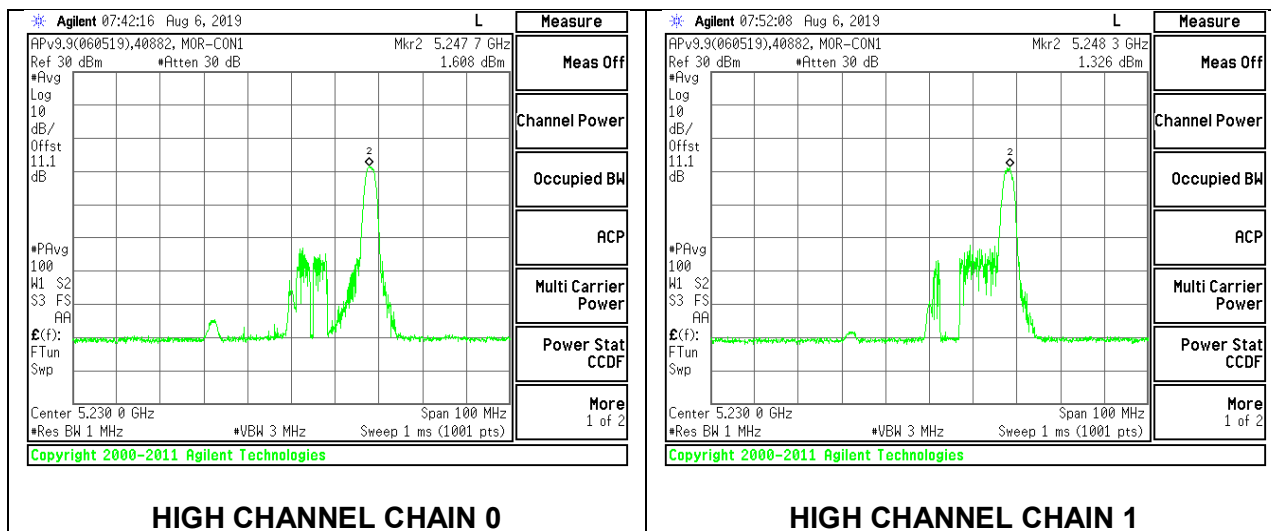
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 1.695                                    | 1.171                                    | 4.45                                     | 11.00                          | -6.55                 |
| High    | 5230               | 1.608                                    | 1.326                                    | 4.48                                     | 11.00                          | -6.52                 |

## LOW CHANNEL



## HIGH CHANNEL



#### 9.4.4. 802.11ax HE40 MODE IN THE 5.2 GHz BAND (IC)

##### 2TX Antenna 1 + Antenna 2 SU MODE

###### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Low     | 5190               | 18.767                    | 4.66                                      | 4.66                                    | 22.73                           | 18.07                   | 10.00                                  | 5.34                           |
| High    | 5230               | 18.139                    | 4.66                                      | 4.66                                    | 22.59                           | 17.93                   | 10.00                                  | 5.34                           |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

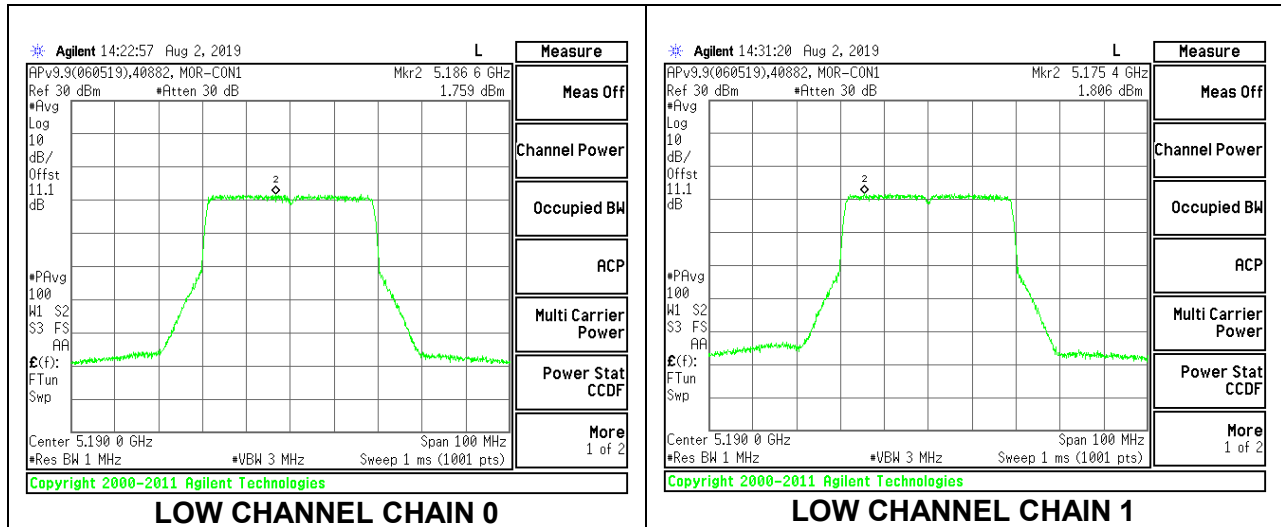
###### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 14.25                             | 14.14                             | 17.21                             | 18.07                   | -0.87                   |
| High    | 5230               | 14.15                             | 14.08                             | 17.13                             | 17.93                   | -0.80                   |

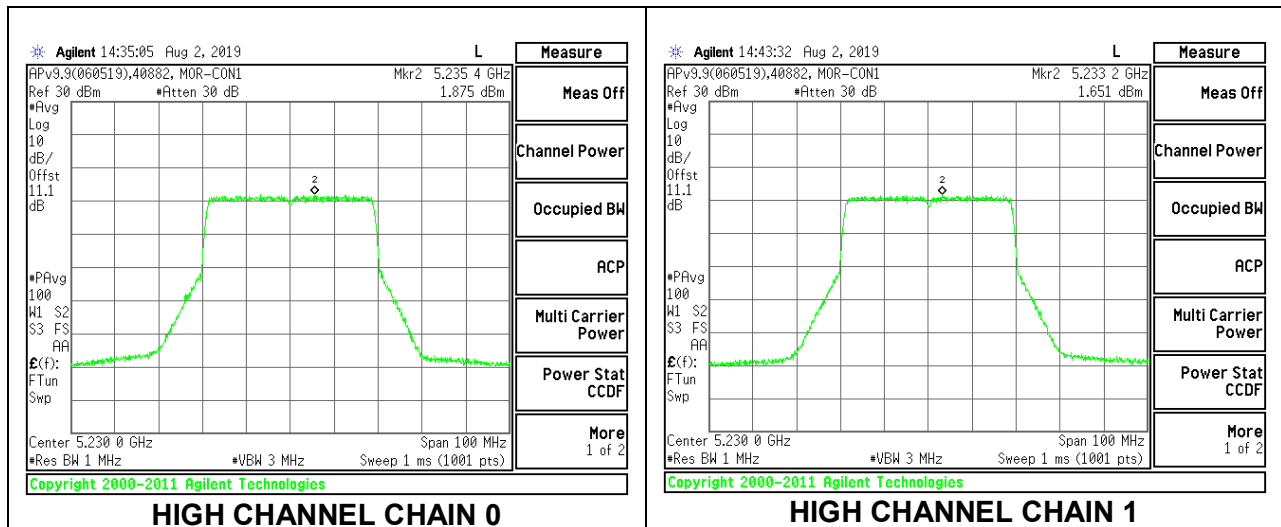
###### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/ 1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|---------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 1.76                                  | 1.81                                     | 4.79                                     | 5.34                           | -0.55                 |
| High    | 5230               | 1.88                                  | 1.65                                     | 4.77                                     | 5.34                           | -0.57                 |

## LOW CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 484-Tones, RU Index 65**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Low     | 5190               | 18.767                    | 4.66                                      | 4.66                                    | 22.73                           | 18.07                   | 10.00                                  | 5.34                           |
| High    | 5230               | 18.139                    | 4.66                                      | 4.66                                    | 22.59                           | 17.93                   | 10.00                                  | 5.34                           |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

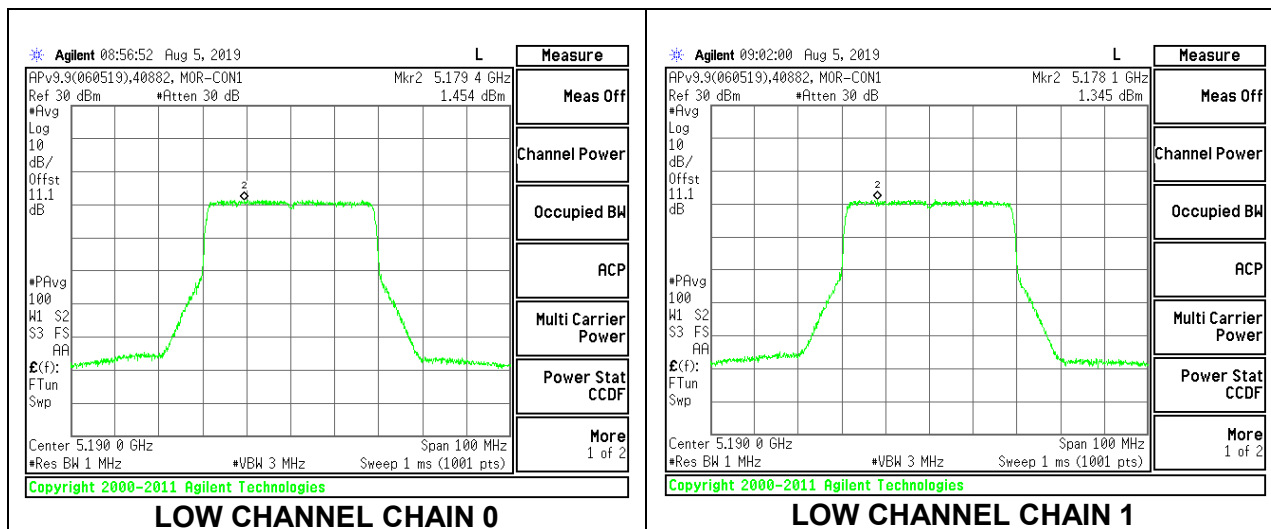
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 14.55                             | 14.40                             | 17.49                             | 18.07                   | -0.59                   |
| High    | 5230               | 14.50                             | 14.43                             | 17.48                             | 17.93                   | -0.45                   |

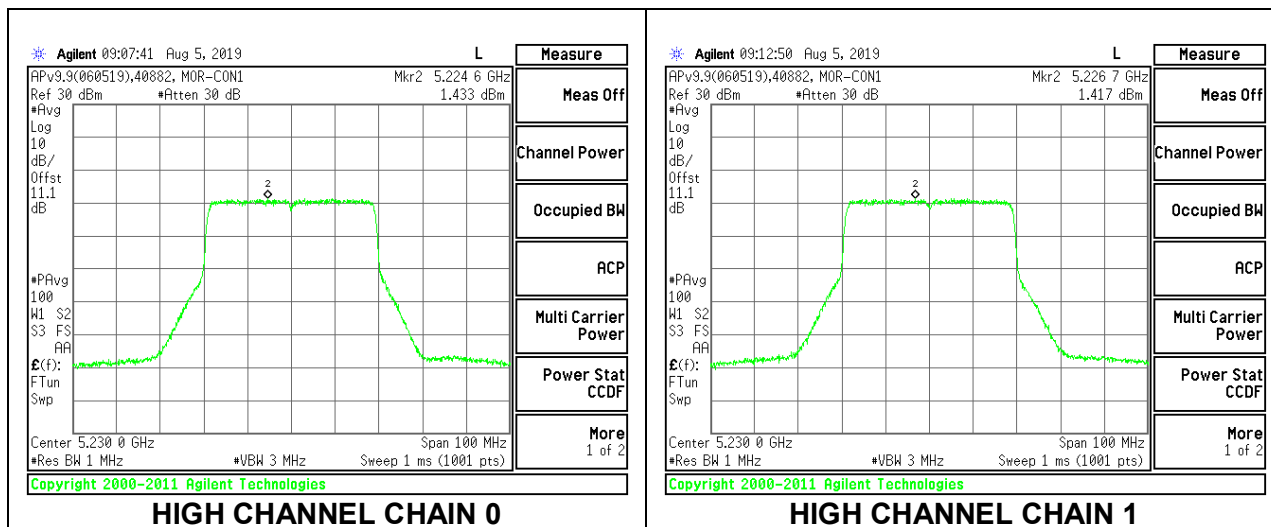
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/ 1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|---------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 1.454                                 | 1.345                                    | 4.41                                     | 5.34                           | -0.93                 |
| High    | 5230               | 1.433                                 | 1.417                                    | 4.44                                     | 5.34                           | -0.90                 |

## LOW CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 242-Tones, RU Index 61**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Low     | 5190               | 18.767                    | 4.66                                      | 4.66                                    | 22.73                           | 18.07                   | 10.00                                  | 5.34                           |
| High    | 5230               | 18.139                    | 4.66                                      | 4.66                                    | 22.59                           | 17.93                   | 10.00                                  | 5.34                           |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

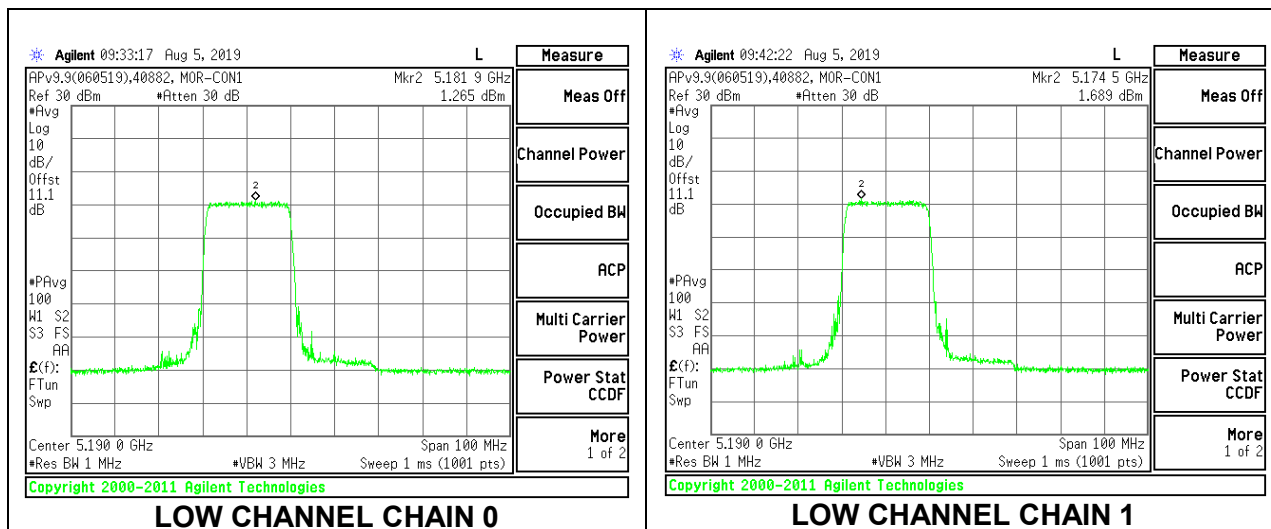
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 12.66                             | 12.48                             | 15.58                             | 18.07                   | -2.49                   |
| High    | 5230               | 12.67                             | 12.51                             | 15.60                             | 17.93                   | -2.33                   |

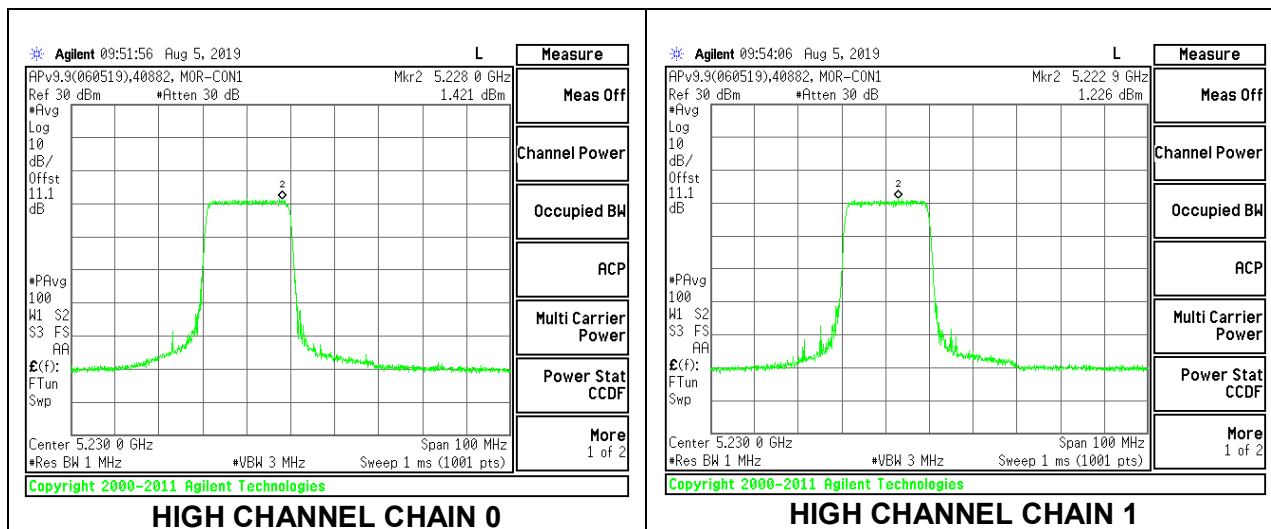
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/ 1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|---------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 1.265                                 | 1.689                                    | 4.49                                     | 5.34                           | -0.85                 |
| High    | 5230               | 1.421                                 | 1.226                                    | 4.33                                     | 5.34                           | -1.01                 |

## LOW CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 242-Tones, RU Index 62**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Low     | 5190               | 18.767                    | 4.66                                      | 4.66                                    | 22.73                           | 18.07                   | 10.00                                  | 5.34                           |
| High    | 5230               | 18.139                    | 4.66                                      | 4.66                                    | 22.59                           | 17.93                   | 10.00                                  | 5.34                           |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

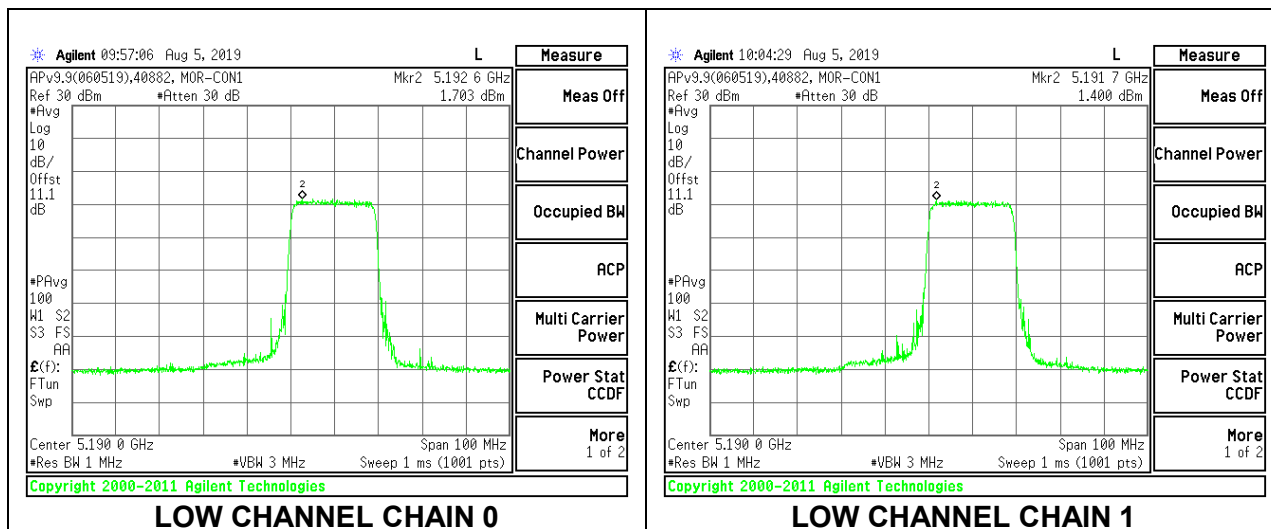
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 12.65                             | 12.41                             | 15.54                             | 18.07                   | -2.53                   |
| High    | 5230               | 12.68                             | 12.37                             | 15.54                             | 17.93                   | -2.39                   |

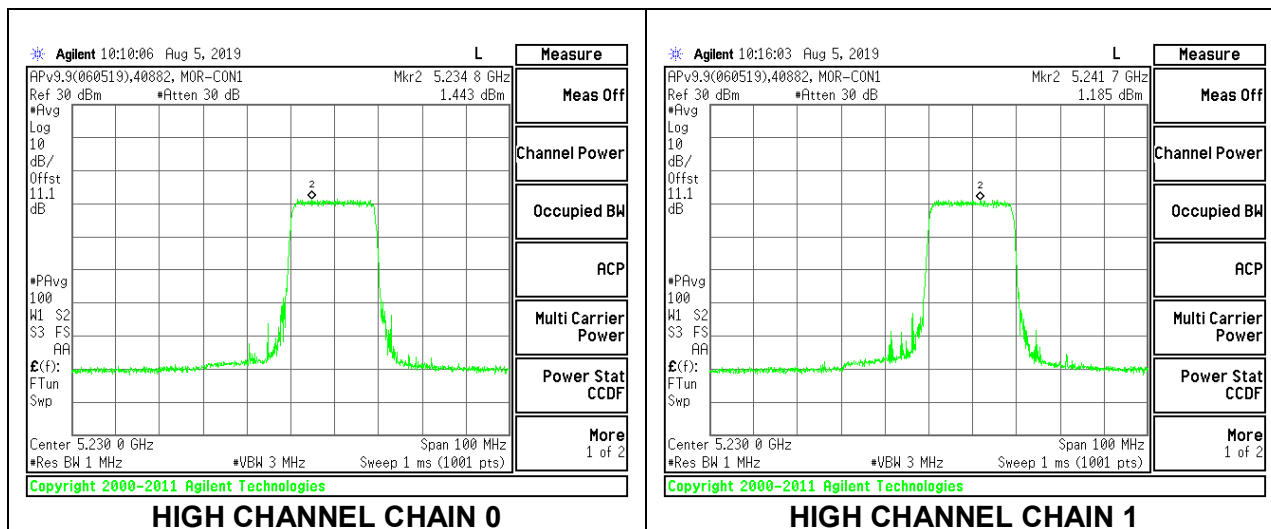
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/ 1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|---------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 1.703                                 | 1.400                                    | 4.56                                     | 5.34                           | -0.78                 |
| High    | 5230               | 1.443                                 | 1.185                                    | 4.33                                     | 5.34                           | -1.01                 |

## LOW CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 53**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Low     | 5190               | 18.767                    | 4.66                                      | 4.66                                    | 22.73                           | 18.07                   | 10.00                                  | 5.34                           |
| High    | 5230               | 18.139                    | 4.66                                      | 4.66                                    | 22.59                           | 17.93                   | 10.00                                  | 5.34                           |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

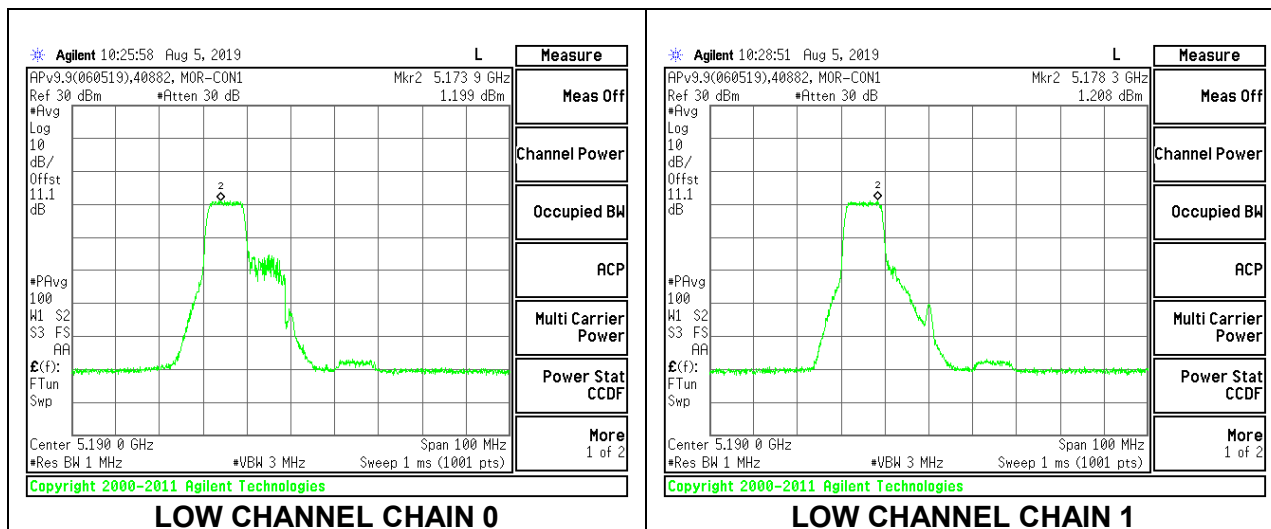
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 9.25                              | 9.05                              | 12.16                             | 18.07                   | -5.91                   |
| High    | 5230               | 9.70                              | 9.37                              | 12.55                             | 17.93                   | -5.38                   |

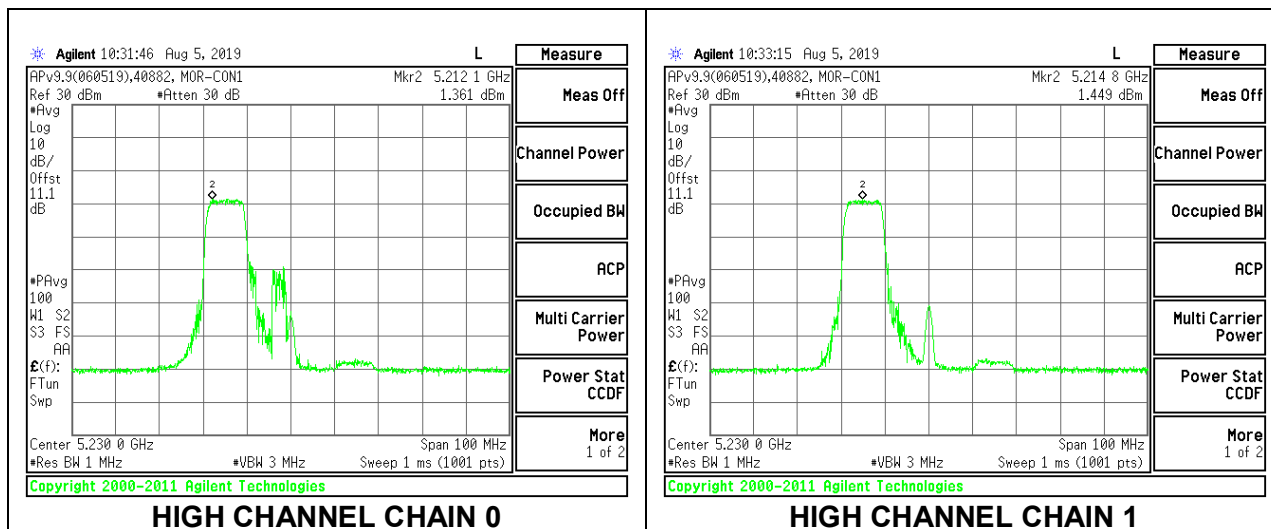
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/ 1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|---------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 1.199                                 | 1.208                                    | 4.21                                     | 5.34                           | -1.13                 |
| High    | 5230               | 1.361                                 | 1.449                                    | 4.42                                     | 5.34                           | -0.92                 |

## LOW CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 54**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Low     | 5190               | 18.767                    | 4.66                                      | 4.66                                    | 22.73                           | 18.07                   | 10.00                                  | 5.34                           |
| High    | 5230               | 18.139                    | 4.66                                      | 4.66                                    | 22.59                           | 17.93                   | 10.00                                  | 5.34                           |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

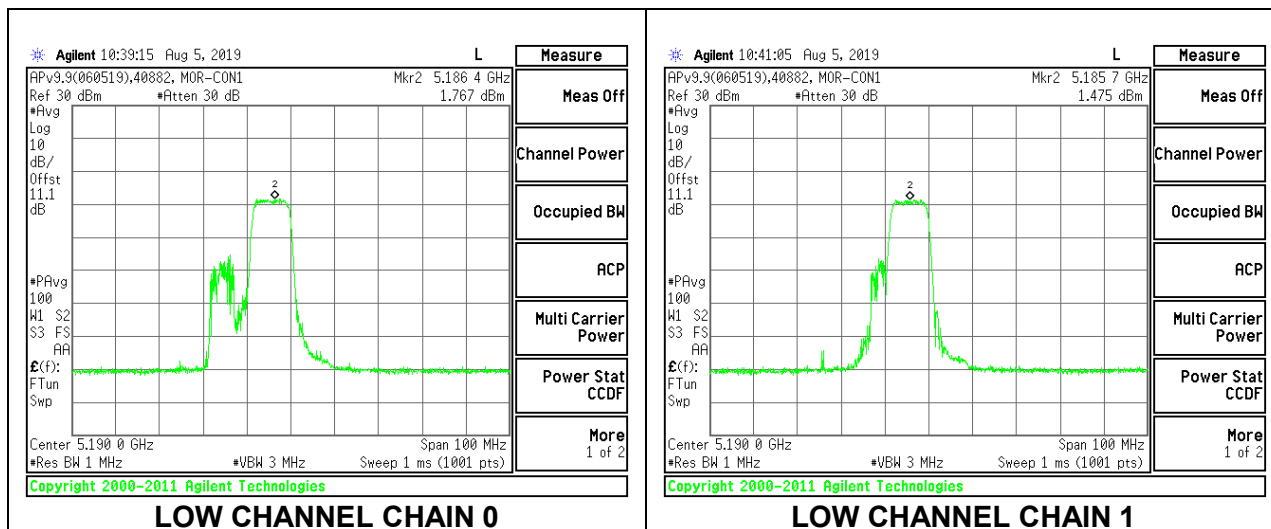
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 9.64                              | 9.34                              | 12.50                             | 18.07                   | -5.57                   |
| High    | 5230               | 9.73                              | 9.35                              | 12.55                             | 17.93                   | -5.37                   |

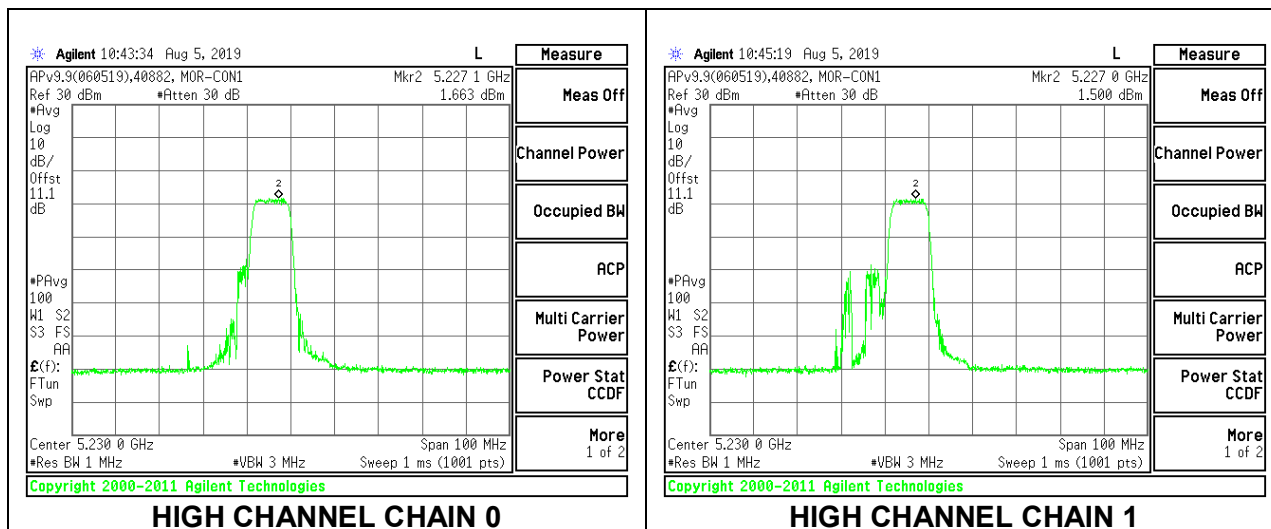
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/ 1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|---------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 1.767                                 | 1.475                                    | 4.63                                     | 5.34                           | -0.71                 |
| High    | 5230               | 1.663                                 | 1.500                                    | 4.59                                     | 5.34                           | -0.75                 |

## LOW CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 56**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Low     | 5190               | 18.767                    | 4.66                                      | 4.66                                    | 22.73                           | 18.07                   | 10.00                                  | 5.34                           |
| High    | 5230               | 18.139                    | 4.66                                      | 4.66                                    | 22.59                           | 17.93                   | 10.00                                  | 5.34                           |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

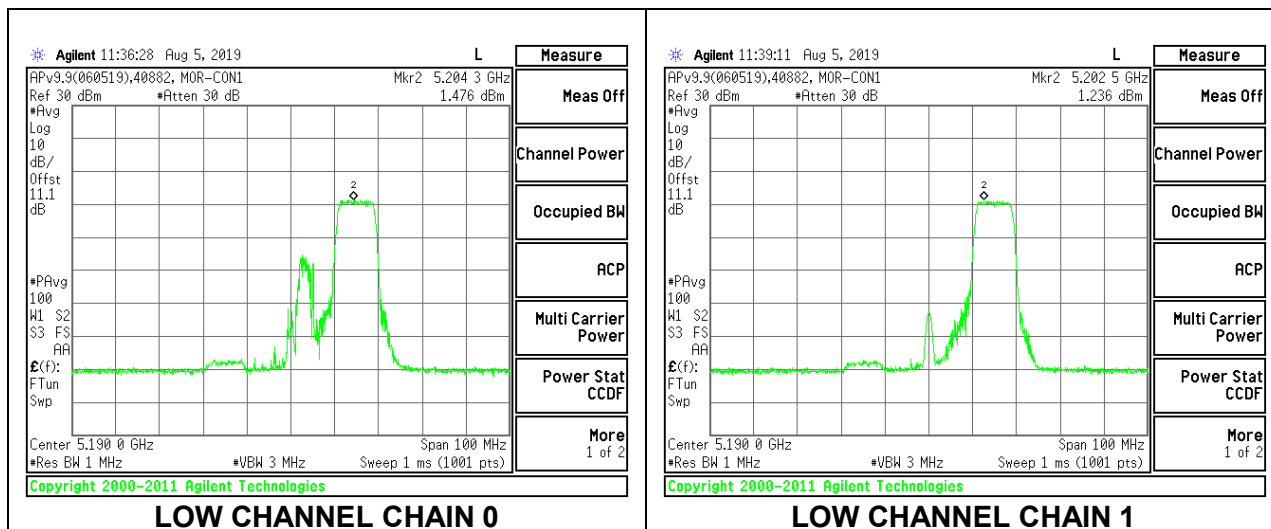
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 9.70                              | 9.35                              | 12.54                             | 18.07                   | -5.54                   |
| High    | 5230               | 9.55                              | 9.33                              | 12.45                             | 17.93                   | -5.47                   |

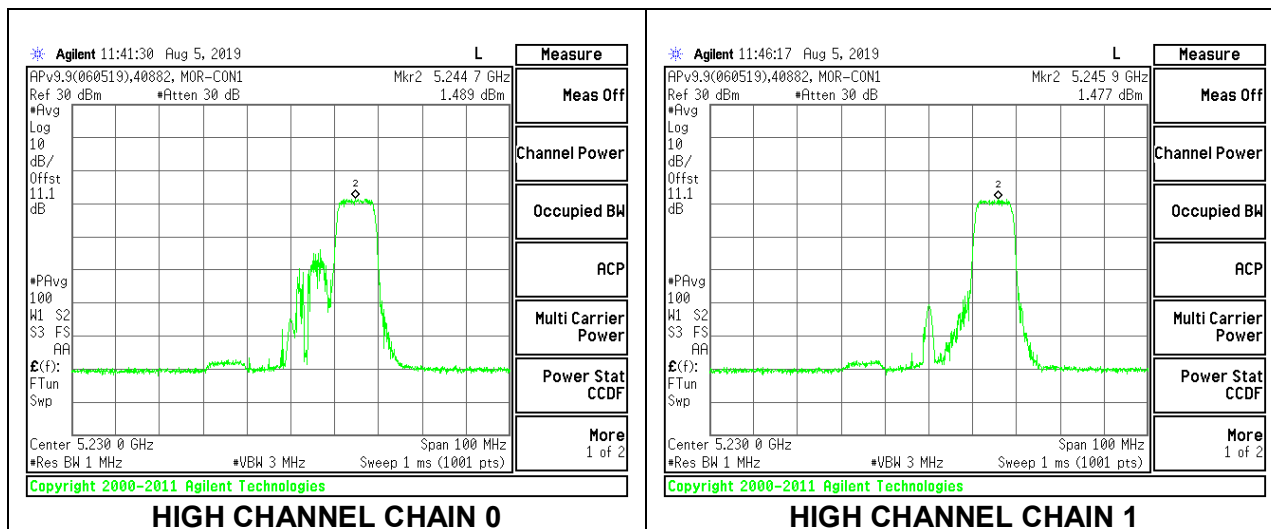
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/ 1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|---------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 1.476                                 | 1.236                                    | 4.37                                     | 5.34                           | -0.97                 |
| High    | 5230               | 1.489                                 | 1.477                                    | 4.49                                     | 5.34                           | -0.85                 |

## LOW CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 37**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Low     | 5190               | 18.767                    | 4.66                                      | 4.66                                    | 22.73                           | 18.07                   | 10.00                                  | 5.34                           |
| High    | 5230               | 18.139                    | 4.66                                      | 4.66                                    | 22.59                           | 17.93                   | 10.00                                  | 5.34                           |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

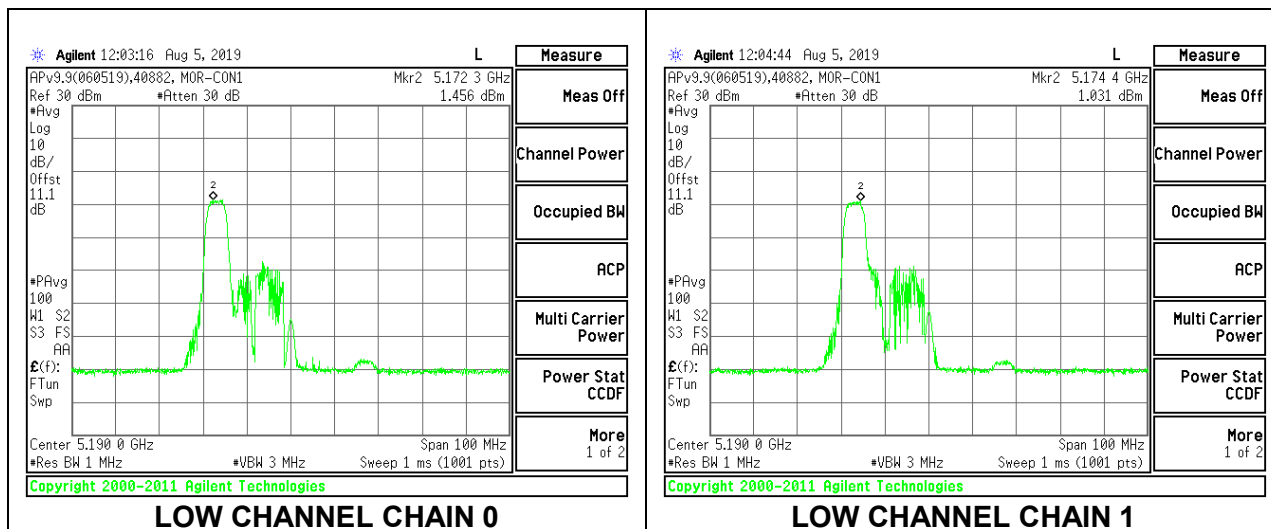
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 6.53                              | 6.32                              | 9.44                              | 18.07                   | -8.64                   |
| High    | 5230               | 6.62                              | 6.29                              | 9.47                              | 17.93                   | -8.46                   |

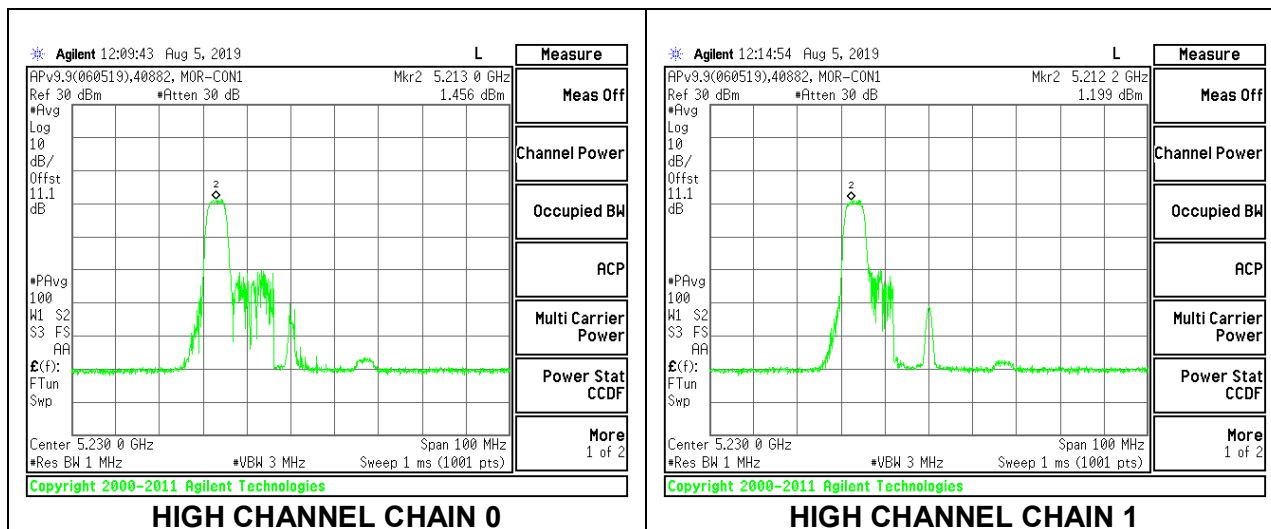
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/ 1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|---------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 1.456                                 | 1.031                                    | 4.26                                     | 5.34                           | -1.08                 |
| High    | 5230               | 1.456                                 | 1.199                                    | 4.34                                     | 5.34                           | -1.00                 |

## LOW CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 40**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Low     | 5190               | 18.767                    | 4.66                                      | 4.66                                    | 22.73                           | 18.07                   | 10.00                                  | 5.34                           |
| High    | 5230               | 18.139                    | 4.66                                      | 4.66                                    | 22.59                           | 17.93                   | 10.00                                  | 5.34                           |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

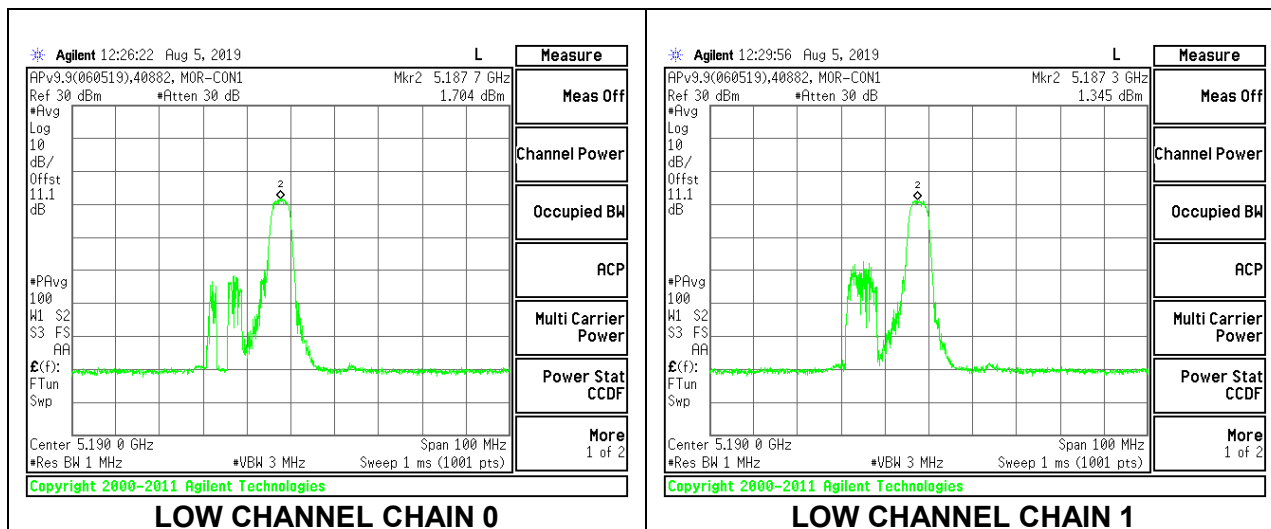
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 6.54                              | 6.31                              | 9.44                              | 18.07                   | -8.64                   |
| High    | 5230               | 6.65                              | 6.38                              | 9.53                              | 17.93                   | -8.40                   |

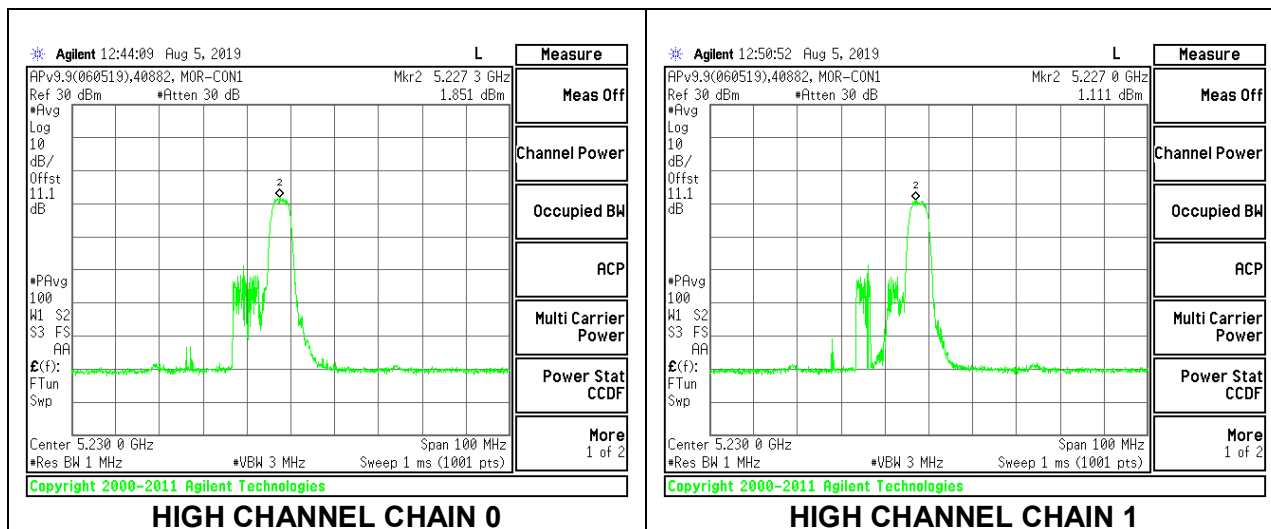
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/ 1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|---------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 1.704                                 | 1.345                                    | 4.54                                     | 5.34                           | -0.80                 |
| High    | 5230               | 1.851                                 | 1.111                                    | 4.51                                     | 5.34                           | -0.83                 |

## LOW CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 44**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Low     | 5190               | 18.767                    | 4.66                                      | 4.66                                    | 22.73                           | 18.07                   | 10.00                                  | 5.34                           |
| High    | 5230               | 18.139                    | 4.66                                      | 4.66                                    | 22.59                           | 17.93                   | 10.00                                  | 5.34                           |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

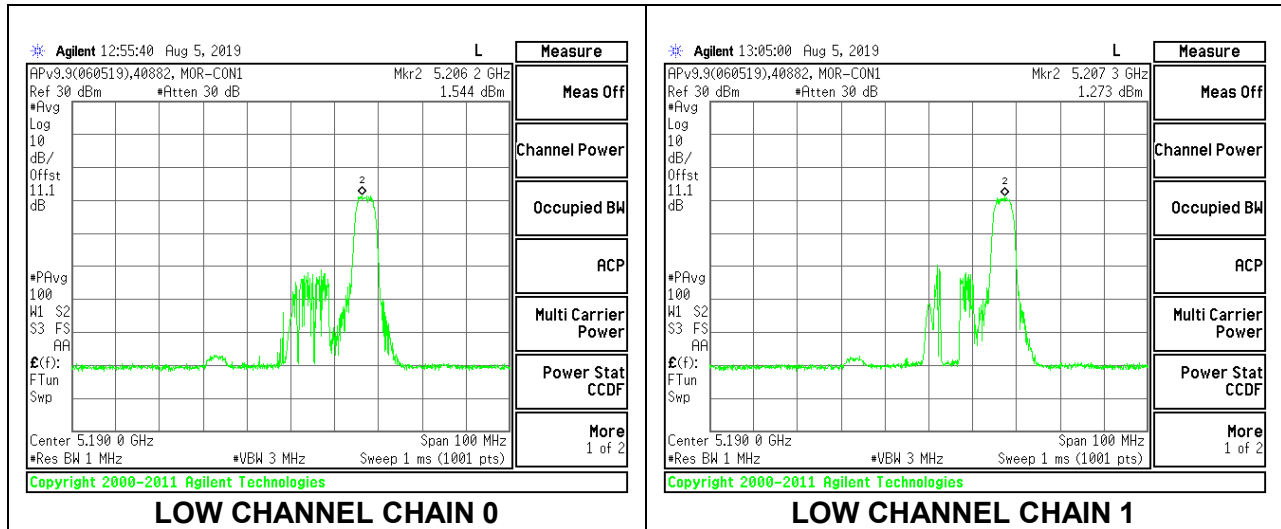
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 6.61                              | 6.30                              | 9.47                              | 18.07                   | -8.61                   |
| High    | 5230               | 6.46                              | 6.21                              | 9.35                              | 17.93                   | -8.58                   |

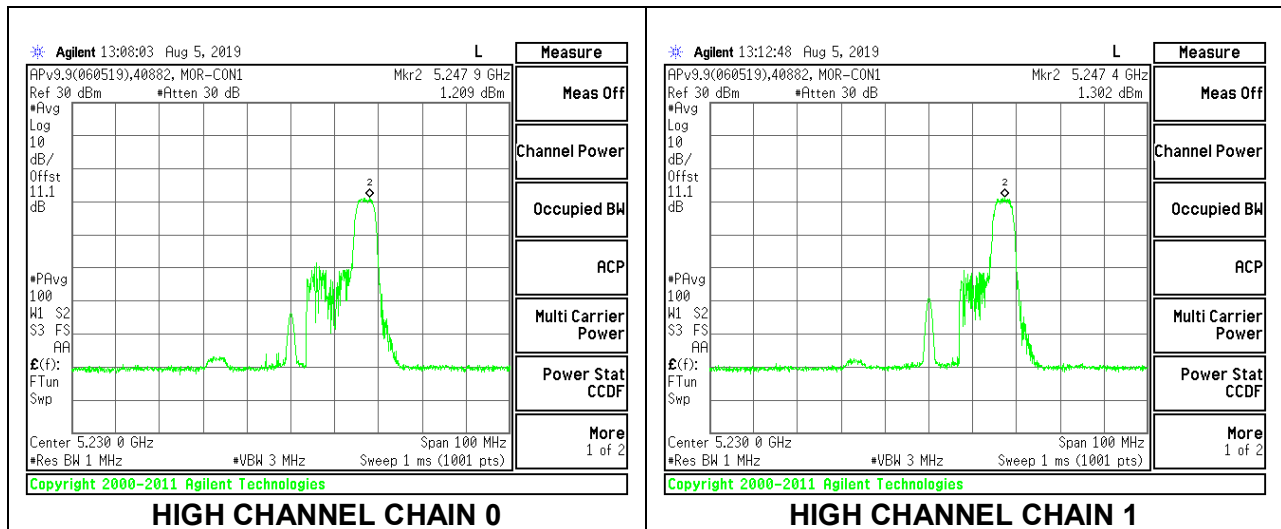
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/ 1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|---------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 1.544                                 | 1.273                                    | 4.42                                     | 5.34                           | -0.92                 |
| High    | 5230               | 1.209                                 | 1.302                                    | 4.27                                     | 5.34                           | -1.07                 |

## LOW CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 0**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Low     | 5190               | 18.767                    | 4.66                                      | 4.66                                    | 22.73                           | 18.07                   | 10.00                                  | 5.34                           |
| High    | 5230               | 18.139                    | 4.66                                      | 4.66                                    | 22.59                           | 17.93                   | 10.00                                  | 5.34                           |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

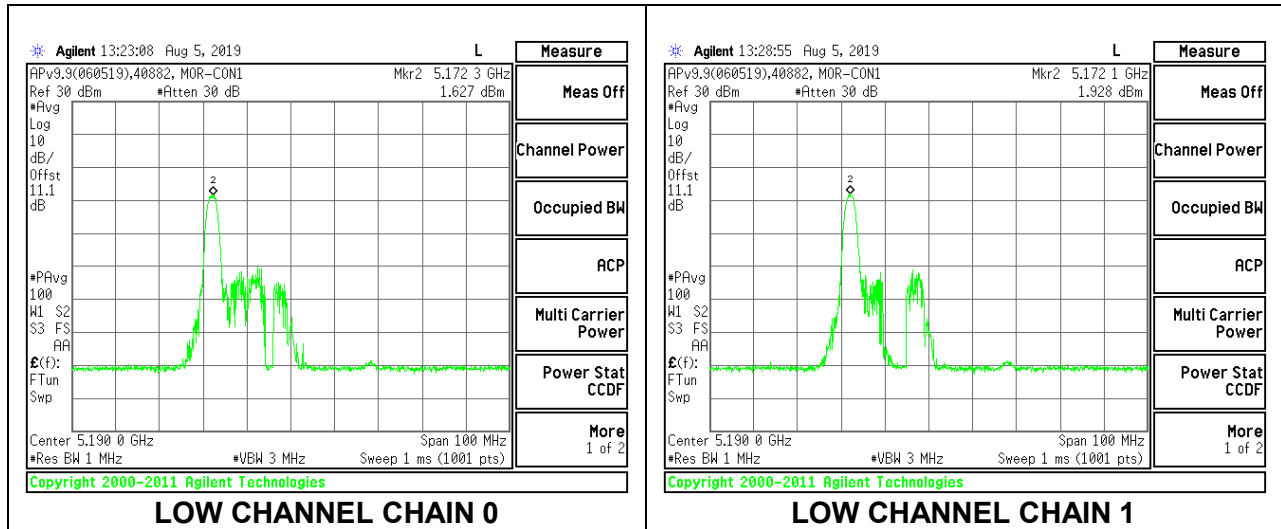
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 4.34                              | 4.37                              | 7.37                              | 18.07                   | -10.71                  |
| High    | 5230               | 4.67                              | 4.28                              | 7.49                              | 17.93                   | -10.44                  |

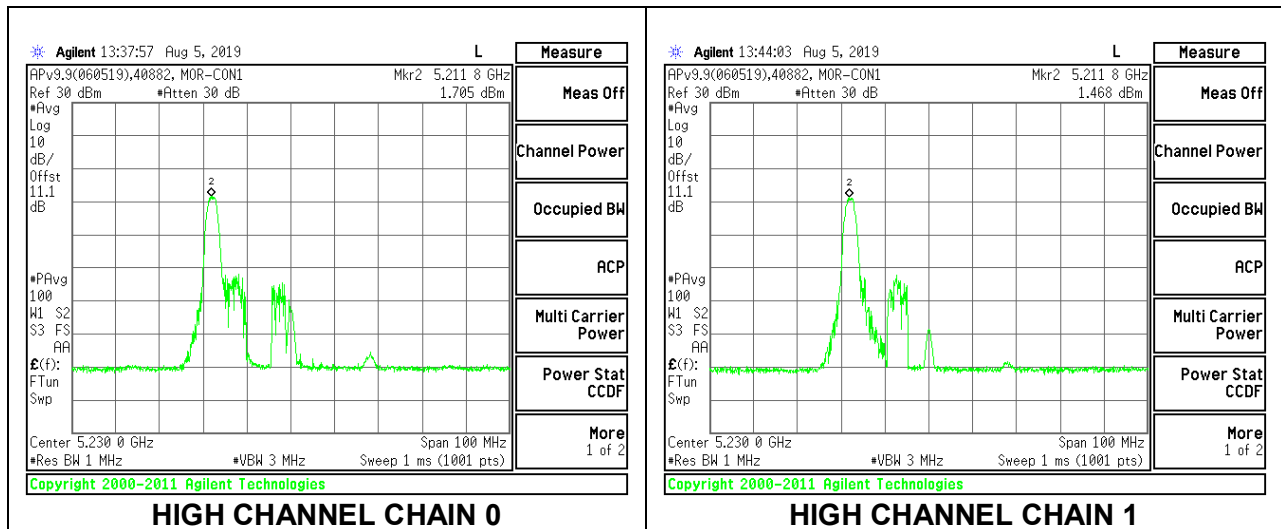
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/ 1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|---------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 1.627                                 | 1.928                                    | 4.79                                     | 5.34                           | -0.55                 |
| High    | 5230               | 1.705                                 | 1.468                                    | 4.60                                     | 5.34                           | -0.74                 |

## LOW CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 8**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Low     | 5190               | 18.767                    | 4.66                                      | 4.66                                    | 22.73                           | 18.07                   | 10.00                                  | 5.34                           |
| High    | 5230               | 18.139                    | 4.66                                      | 4.66                                    | 22.59                           | 17.93                   | 10.00                                  | 5.34                           |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

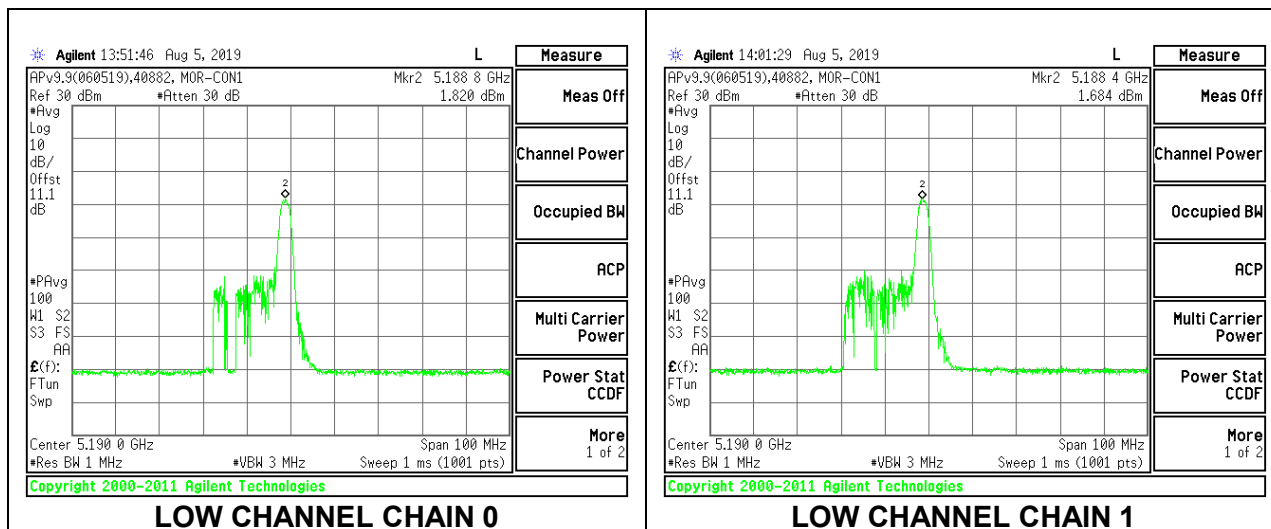
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 4.37                              | 4.09                              | 7.24                              | 18.07                   | -10.83                  |
| High    | 5230               | 4.53                              | 4.05                              | 7.31                              | 17.93                   | -10.62                  |

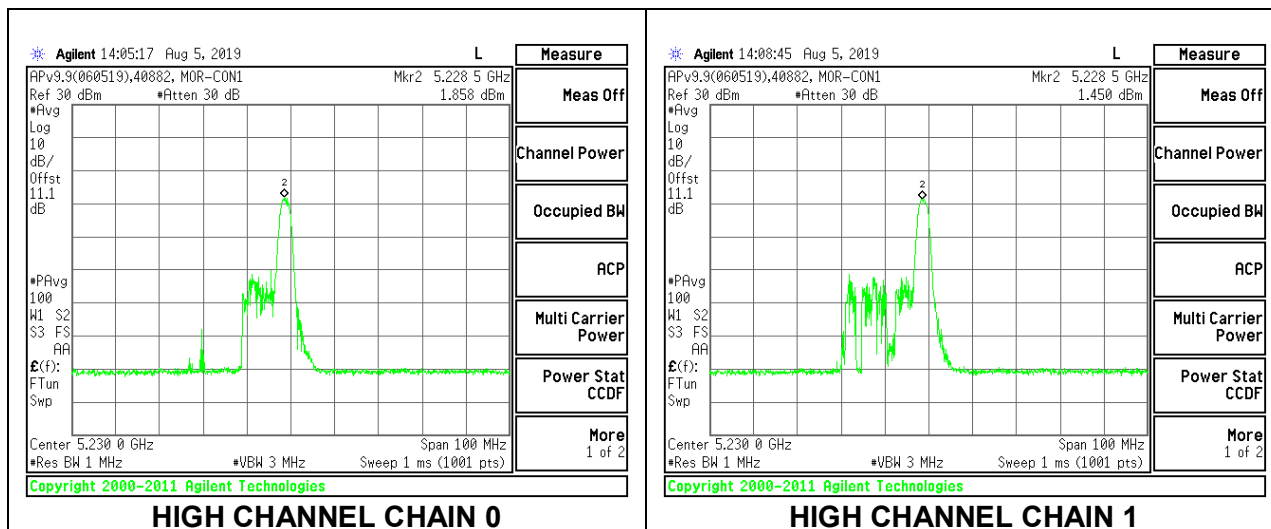
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/ 1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|---------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 1.820                                 | 1.684                                    | 4.76                                     | 5.34                           | -0.58                 |
| High    | 5230               | 1.858                                 | 1.450                                    | 4.67                                     | 5.34                           | -0.67                 |

## LOW CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 17**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Low     | 5190               | 18.767                    | 4.66                                      | 4.66                                    | 22.73                           | 18.07                   | 10.00                                  | 5.34                           |
| High    | 5230               | 18.139                    | 4.66                                      | 4.66                                    | 22.59                           | 17.93                   | 10.00                                  | 5.34                           |

|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

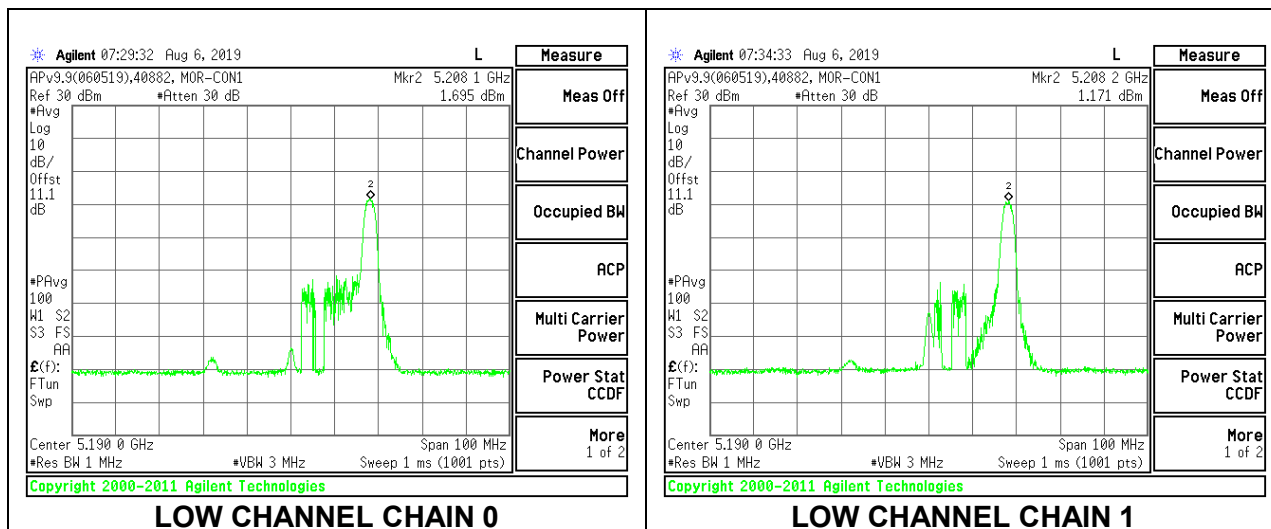
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 4.62                              | 4.20                              | 7.43                              | 18.07                   | -10.65                  |
| High    | 5230               | 4.35                              | 4.13                              | 7.25                              | 17.93                   | -10.67                  |

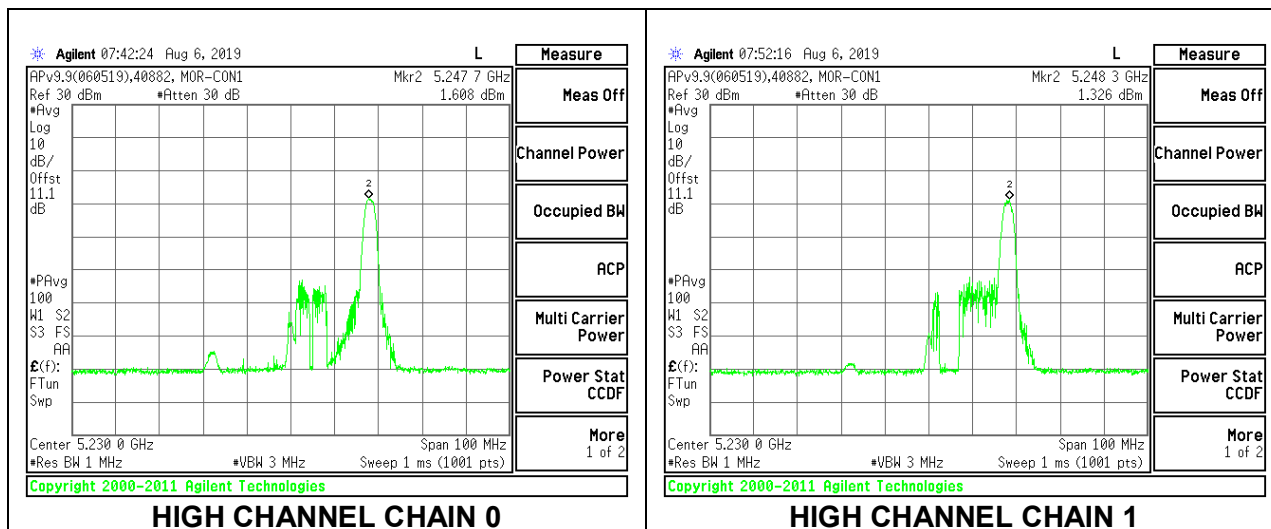
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/ 1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|---------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 1.695                                 | 1.171                                    | 4.45                                     | 5.34                           | -0.89                 |
| High    | 5230               | 1.608                                 | 1.326                                    | 4.48                                     | 5.34                           | -0.86                 |

## LOW CHANNEL



## HIGH CHANNEL



### 9.4.5. 802.11ax HE80 MODE IN THE 5.2 GHz BAND (FCC)

#### 2TX Antenna 1 + Antenna 2 SU MODE

##### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Mid     | 5210               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

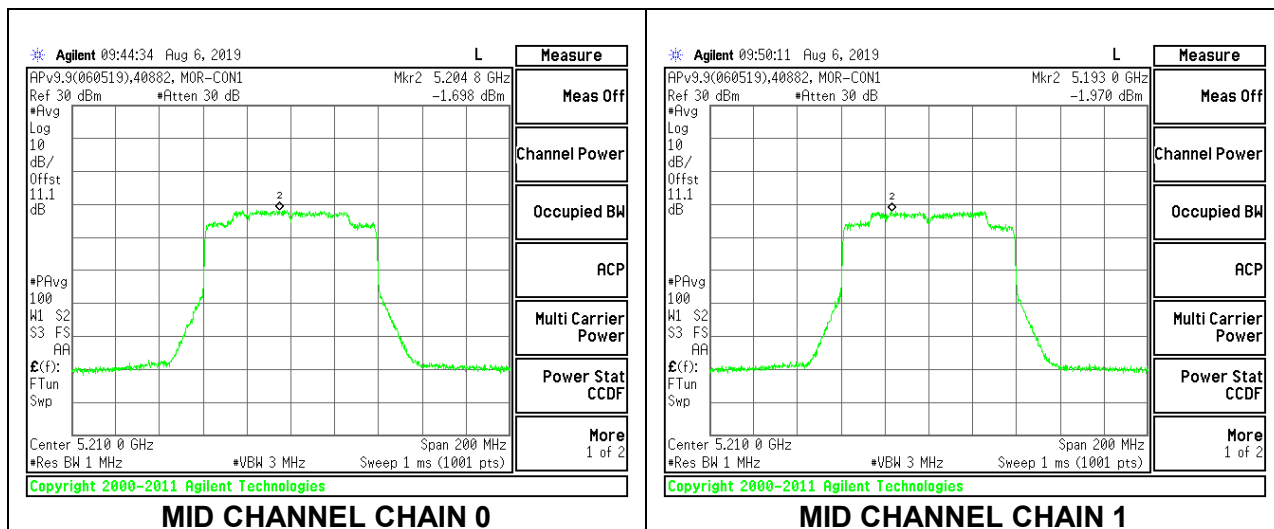
##### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 14.51                             | 14.27                             | 17.40                             | 24.00                   | -6.60                   |

##### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | -1.698                                   | -1.970                                   | 1.18                                     | 11.00                          | -9.82                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 996-Tones, RU Index 67**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Mid     | 5210               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

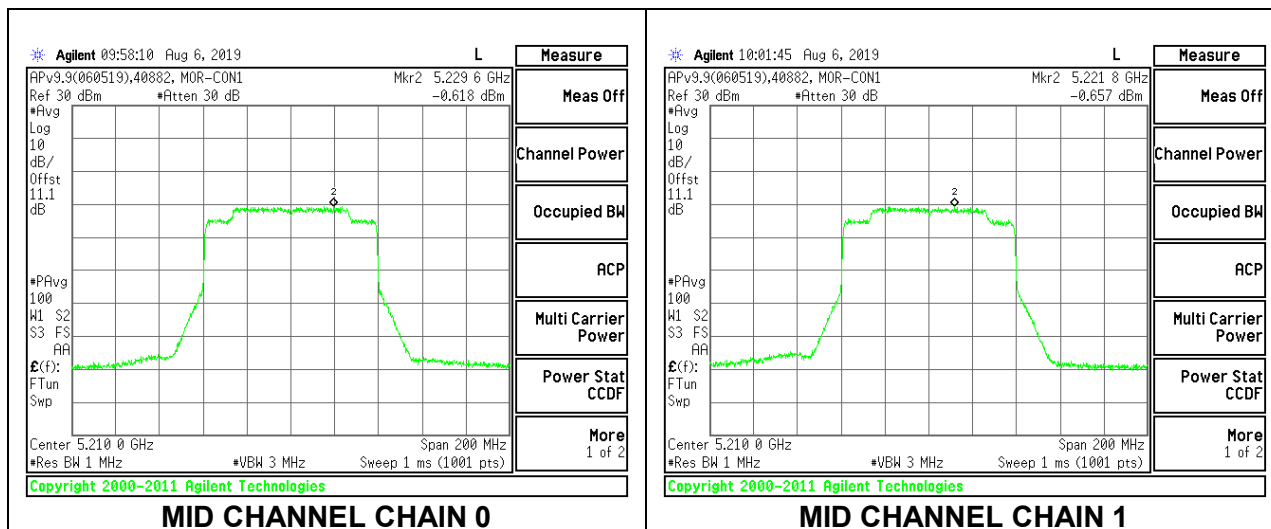
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 14.74                             | 14.42                             | 17.59                             | 24.00                   | -6.41                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | -0.618                                   | -0.657                                   | 2.37                                     | 11.00                          | -8.63                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 484-Tones, RU Index 65**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Mid     | 5210               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

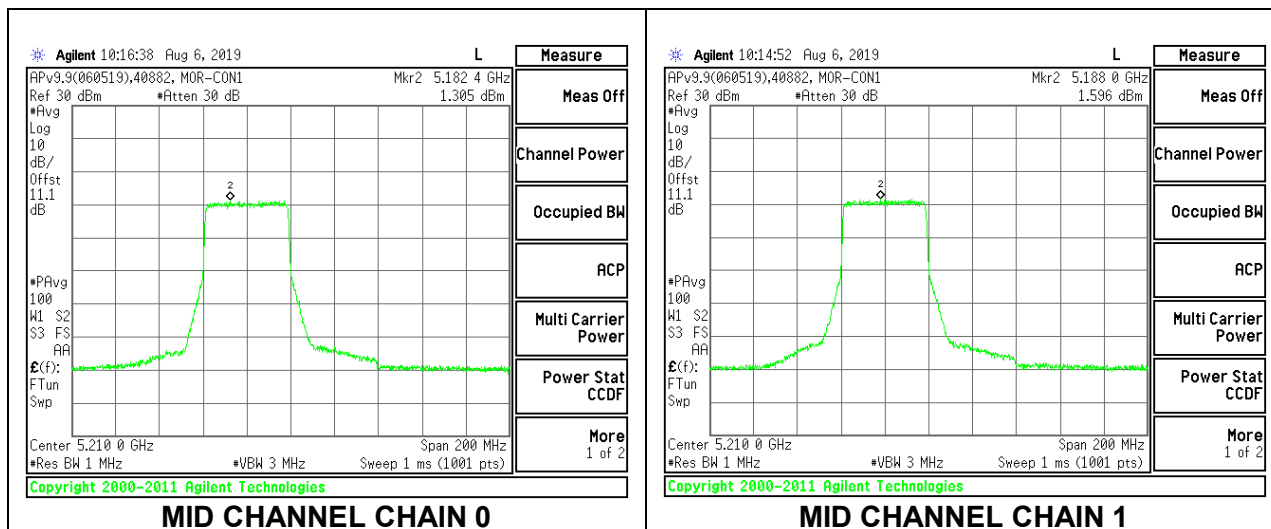
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 14.36                             | 14.40                             | 17.39                             | 24.00                   | -6.61                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.305                                    | 1.596                                    | 4.46                                     | 11.00                          | -6.54                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 484-Tones, RU Index 66**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Mid     | 5210               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

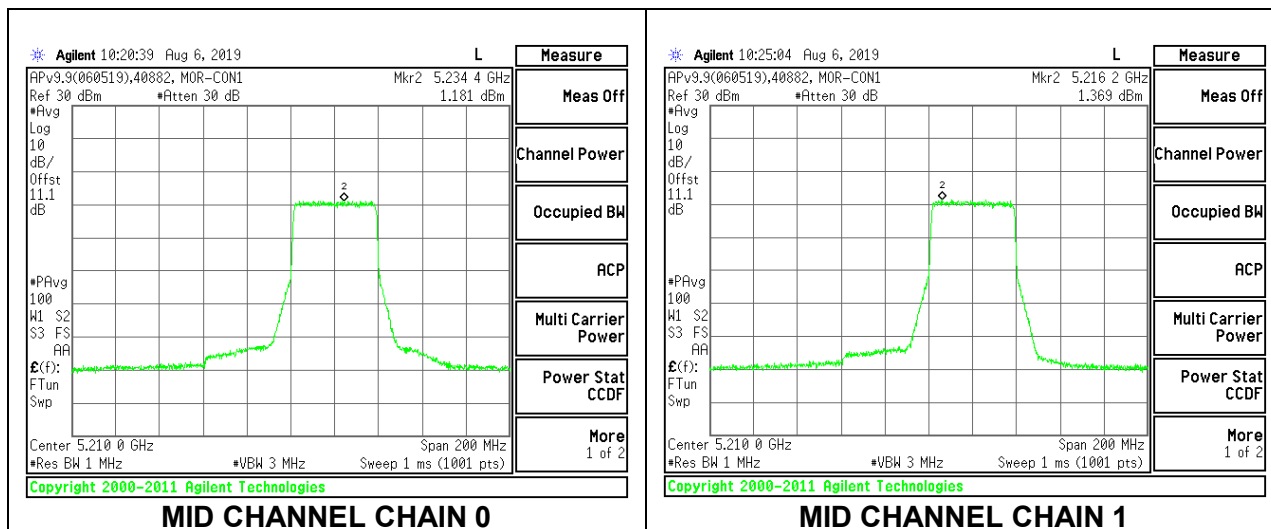
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 14.58                             | 14.37                             | 17.49                             | 24.00                   | -6.51                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.181                                    | 1.369                                    | 4.29                                     | 11.00                          | -6.71                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 242-Tones, RU Index 61**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Mid     | 5210               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

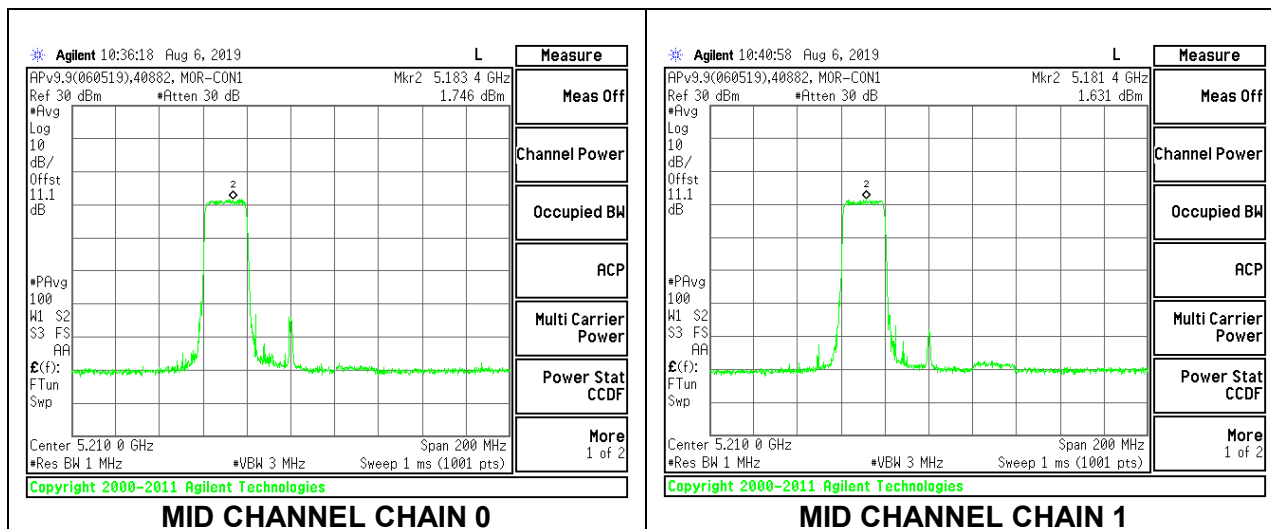
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 13.09                             | 12.84                             | 15.98                             | 24.00                   | -8.02                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.746                                    | 1.631                                    | 4.70                                     | 11.00                          | -6.30                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 242-Tones, RU Index 62**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Mid     | 5210               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

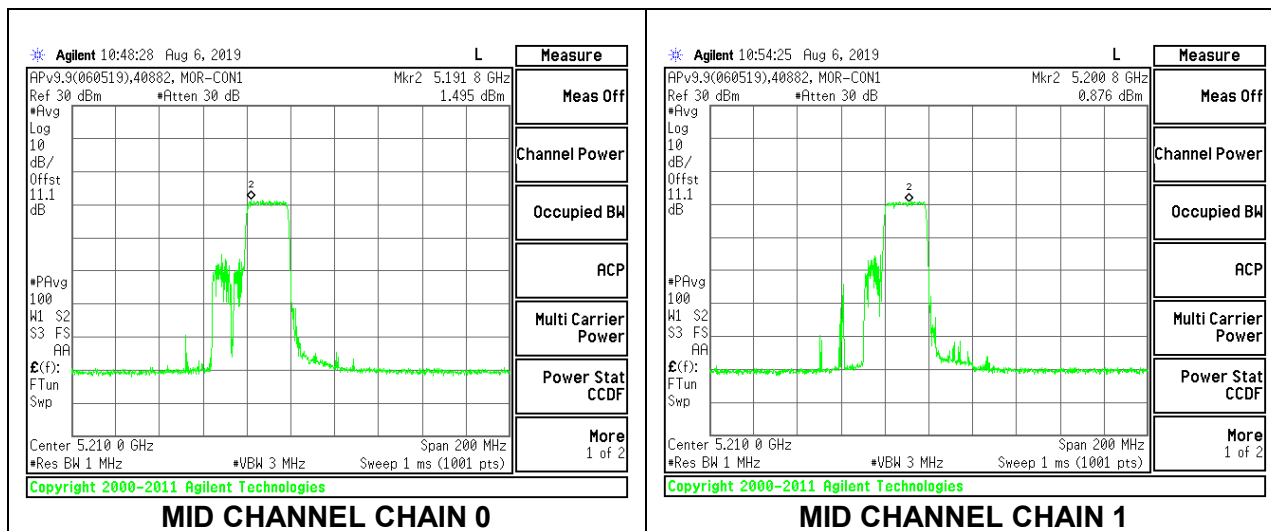
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 13.27                             | 13.08                             | 16.19                             | 24.00                   | -7.81                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.495                                    | 0.876                                    | 4.21                                     | 11.00                          | -6.79                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 242-Tones, RU Index 64**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Mid     | 5210               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

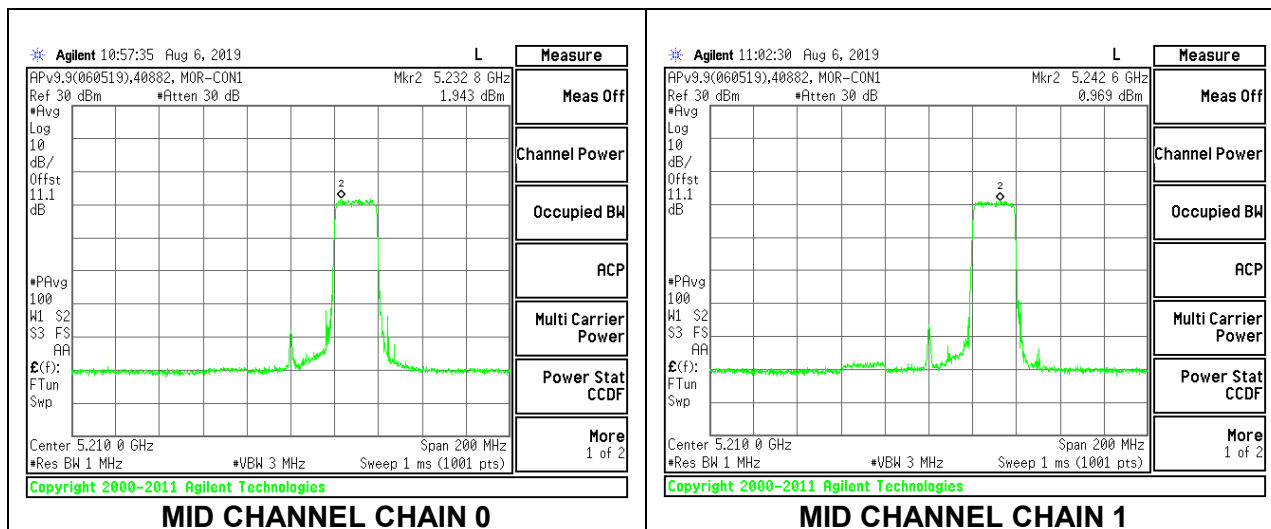
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 13.07                             | 12.84                             | 15.97                             | 24.00                   | -8.03                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.943                                    | 0.969                                    | 4.49                                     | 11.00                          | -6.51                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 53**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Mid     | 5210               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

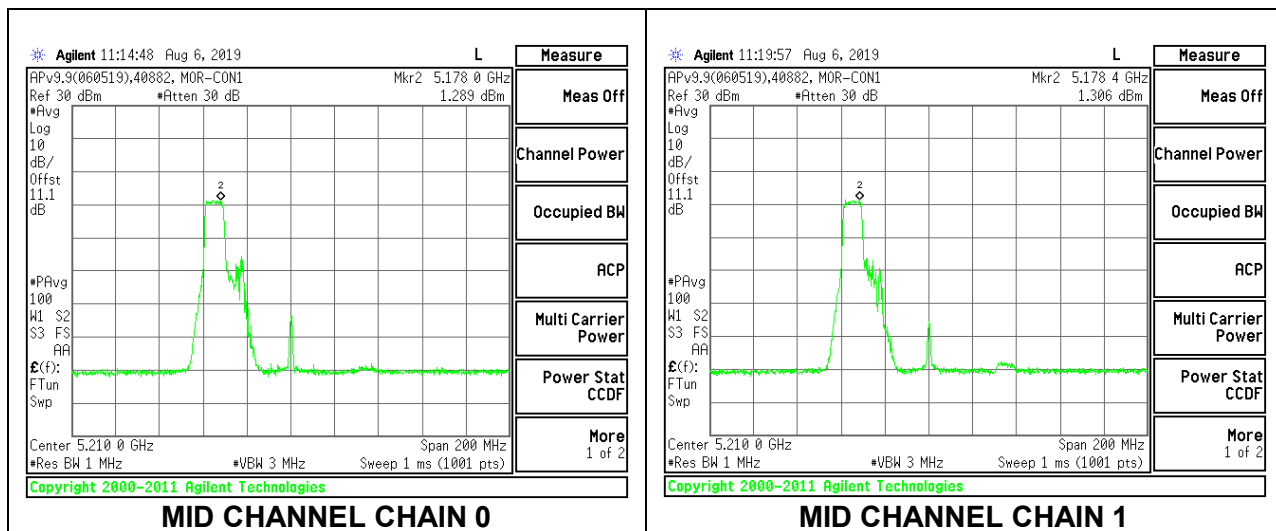
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 8.96                              | 9.22                              | 12.10                             | 24.00                   | -11.90                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.289                                    | 1.306                                    | 4.31                                     | 11.00                          | -6.69                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 56**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Mid     | 5210               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

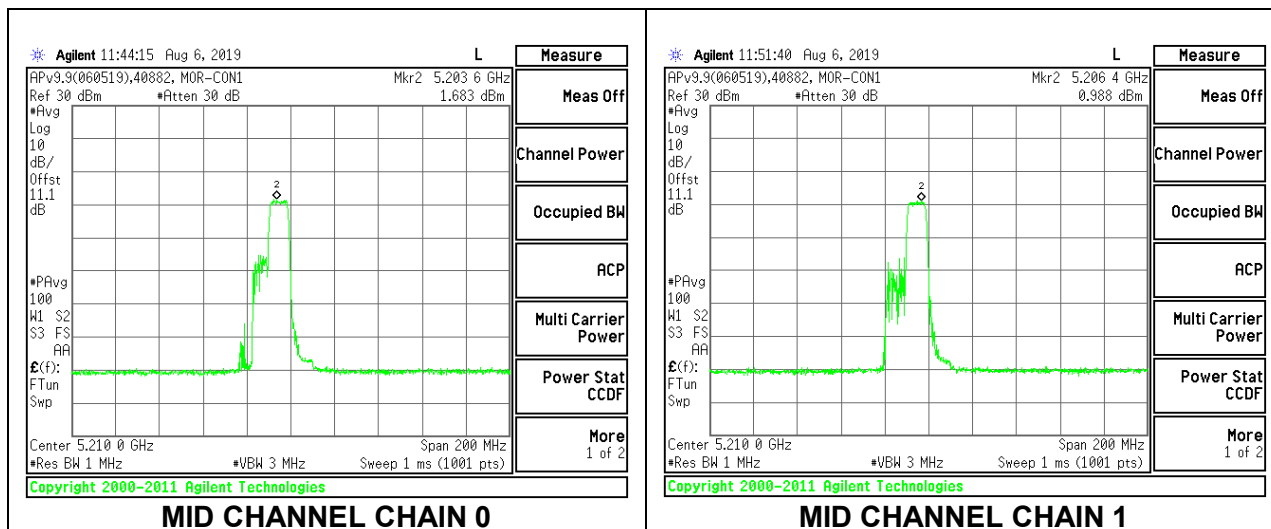
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 9.43                              | 9.81                              | 12.63                             | 24.00                   | -11.37                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.683                                    | 0.988                                    | 4.36                                     | 11.00                          | -6.64                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 60**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Mid     | 5210               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

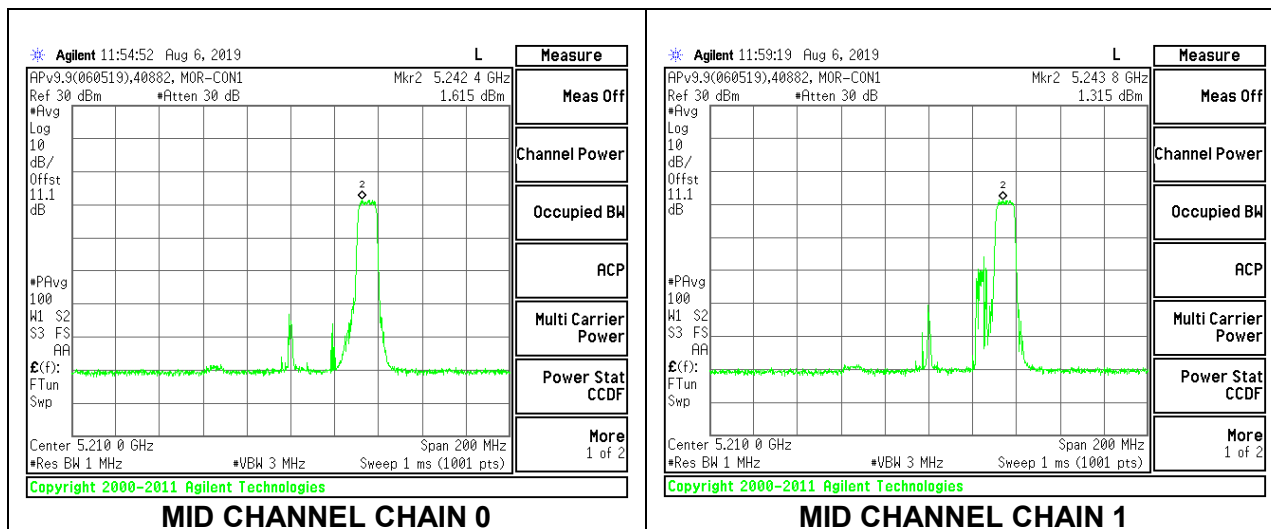
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 9.22                              | 9.55                              | 12.40                             | 24.00                   | -11.60                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.615                                    | 1.315                                    | 4.48                                     | 11.00                          | -6.52                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 37**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Mid     | 5210               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

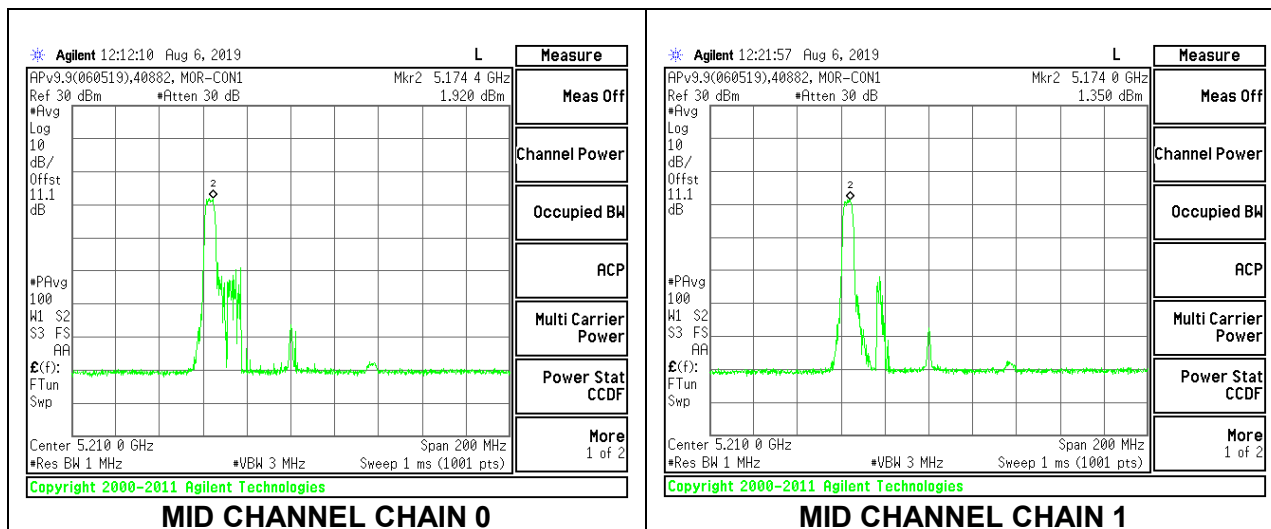
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 6.93                              | 6.74                              | 9.85                              | 24.00                   | -14.15                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.920                                    | 1.350                                    | 4.65                                     | 11.00                          | -6.35                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 44**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Mid     | 5210               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

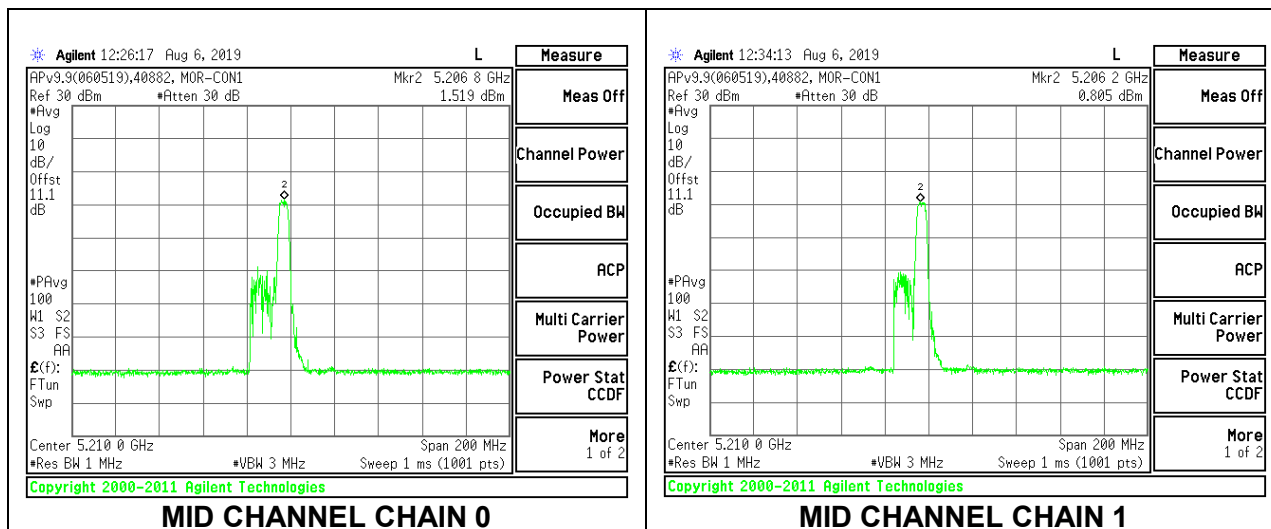
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 7.26                              | 6.99                              | 10.14                             | 24.00                   | -13.86                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.519                                    | 0.805                                    | 4.19                                     | 11.00                          | -6.81                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 52**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Mid     | 5210               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

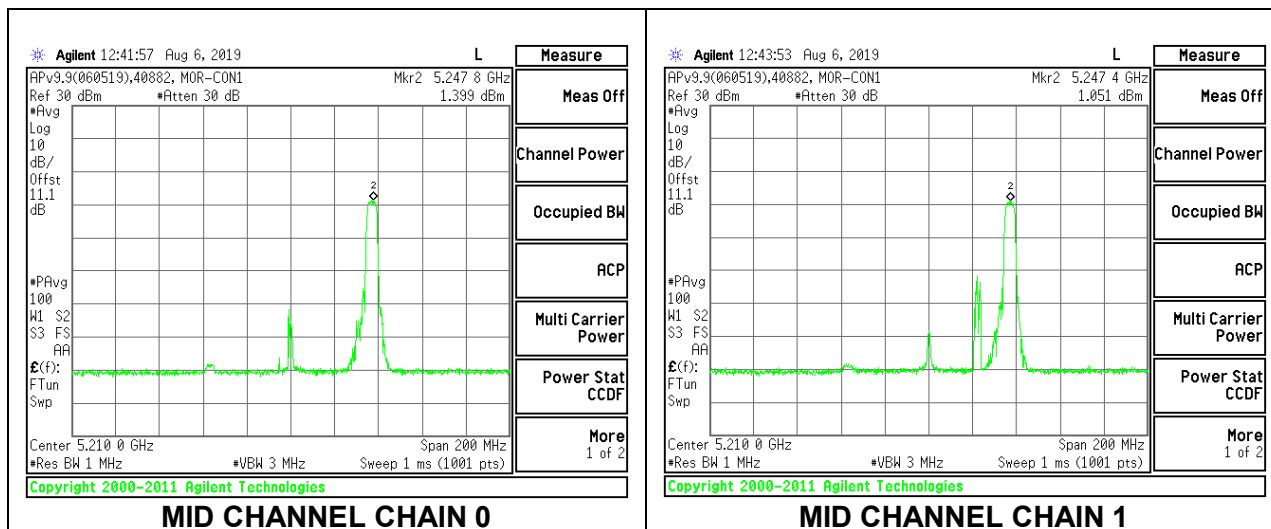
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 6.96                              | 6.72                              | 9.85                              | 24.00                   | -14.15                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.399                                    | 1.051                                    | 4.24                                     | 11.00                          | -6.76                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 0**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Mid     | 5210               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

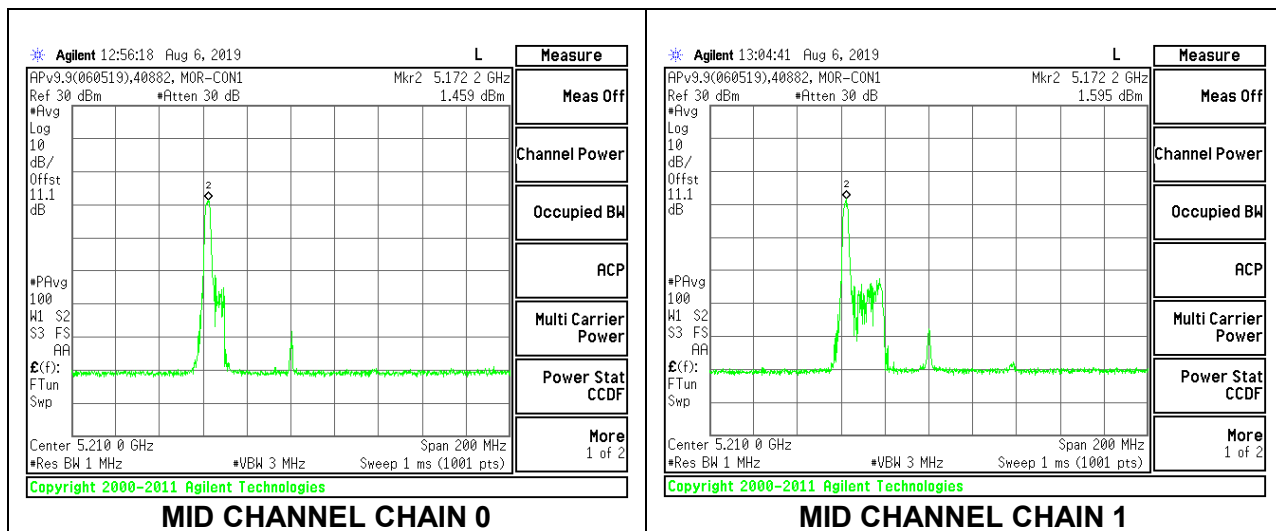
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 4.28                              | 4.12                              | 7.21                              | 24.00                   | -16.79                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.459                                    | 1.595                                    | 4.54                                     | 11.00                          | -6.46                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 18**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Mid     | 5210               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

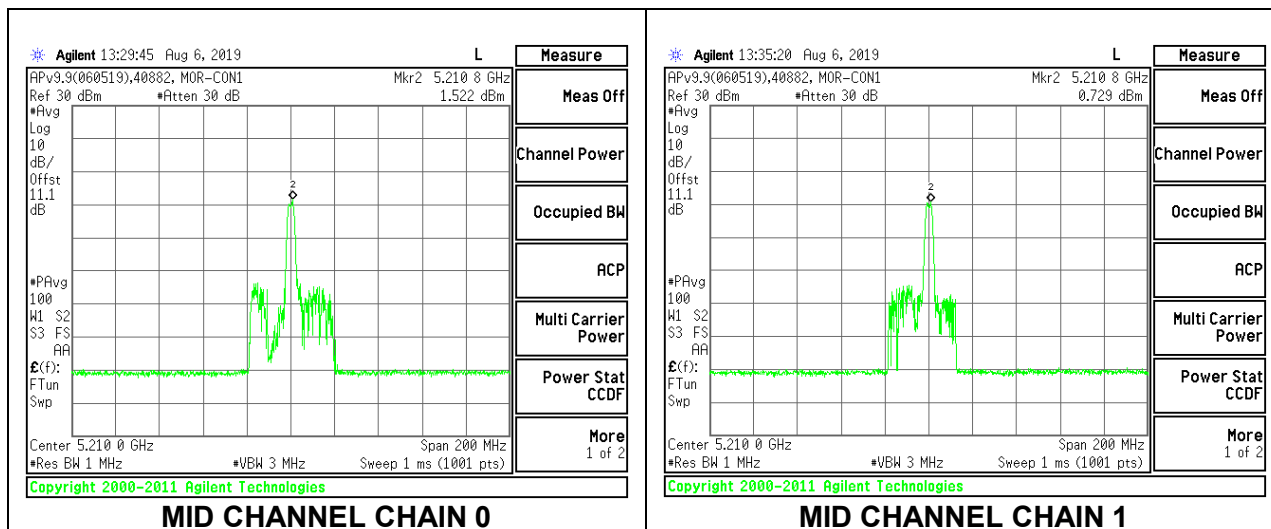
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 4.53                              | 4.49                              | 7.52                              | 24.00                   | -16.48                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.522                                    | 0.729                                    | 4.15                                     | 11.00                          | -6.85                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 36**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Mid     | 5210               | 4.66                                      | 4.66                                    | 24.00                   | 11.00                          |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

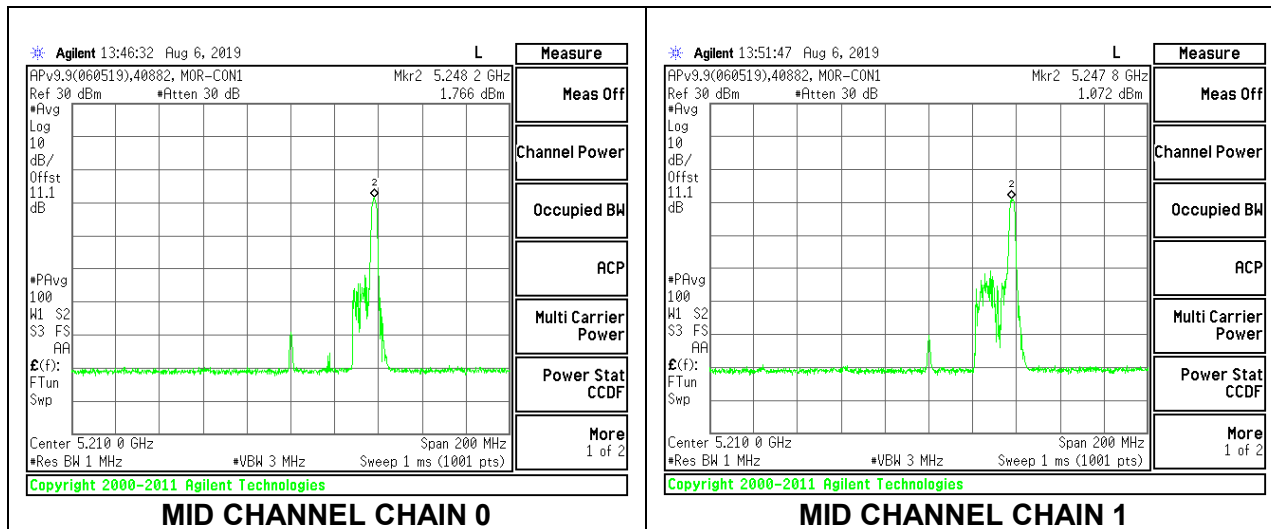
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 4.25                              | 4.09                              | 7.18                              | 24.00                   | -16.82                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.766                                    | 1.072                                    | 4.44                                     | 11.00                          | -6.56                 |

## MID CHANNEL



#### 9.4.6. 802.11ax HE80 MODE IN THE 5.2 GHz BAND (IC)

##### 2TX Antenna 1 + Antenna 2 SU MODE

###### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Mid     | 5210               | 37.153                    | 4.66                                      | 4.66                                    | 23.00                           | 18.34                   | 10.00                                  | 5.34                           |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

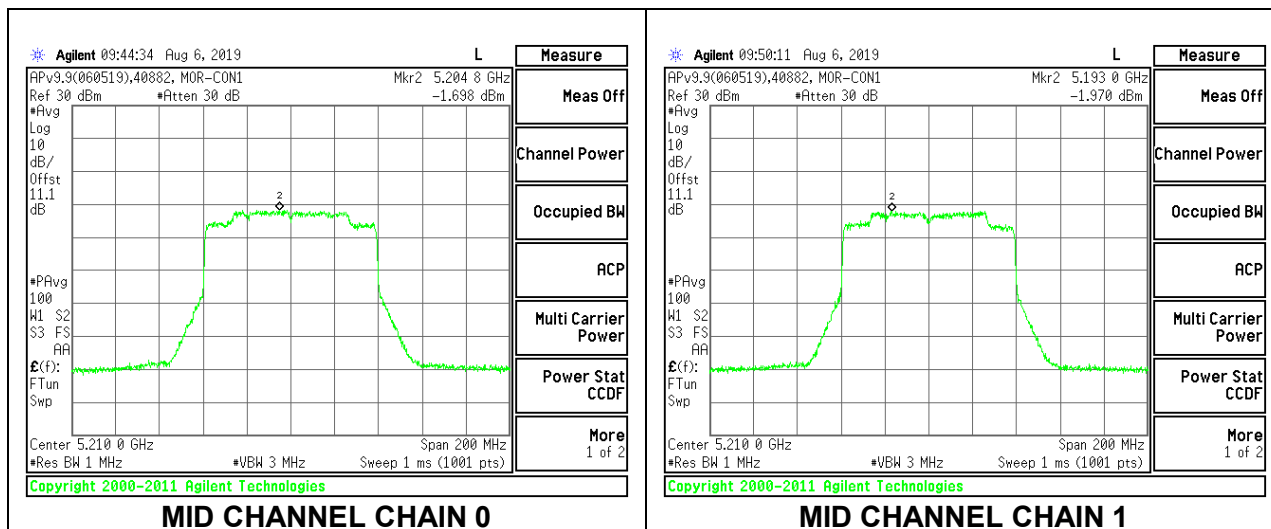
###### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 14.51                             | 14.27                             | 17.40                             | 18.34                   | -0.94                   |

###### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | -1.698                                   | -1.970                                   | 1.18                                     | 5.34                           | -4.16                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 996-Tones, RU Index 67**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Mid     | 5210               | 37.1530                   | 4.66                                      | 4.66                                    | 23.00                           | 18.34                   | 10.00                                  | 5.34                           |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

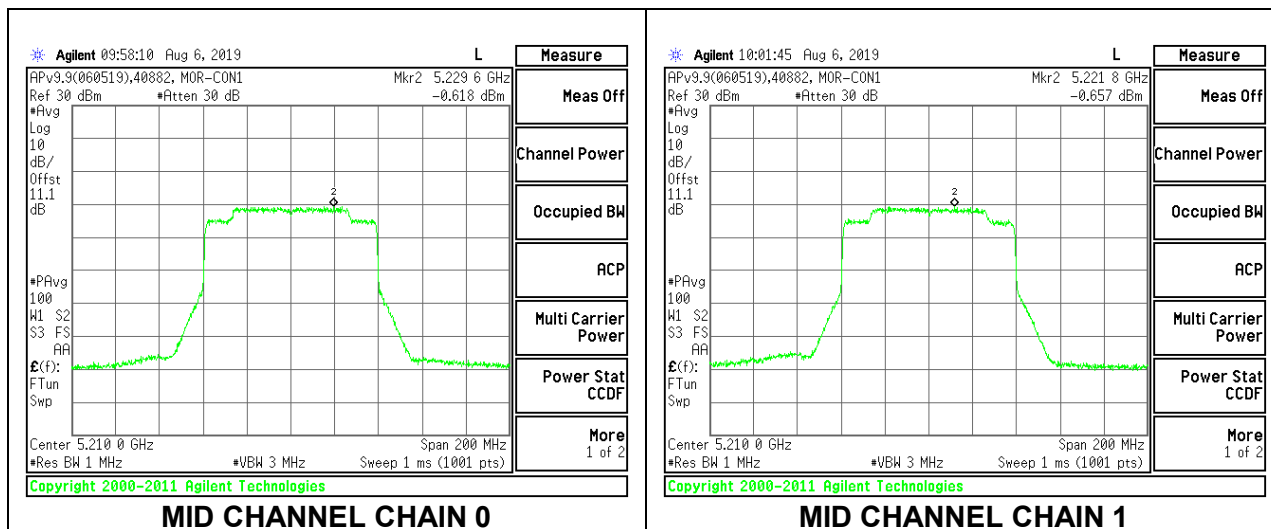
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 14.74                             | 14.42                             | 17.59                             | 18.34                   | -0.75                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | -0.618                                   | -0.657                                   | 2.37                                     | 5.34                           | -2.97                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 484-Tones, RU Index 65**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Mid     | 5210               | 37.1530                   | 4.66                                      | 4.66                                    | 23.00                           | 18.34                   | 10.00                                  | 5.34                           |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

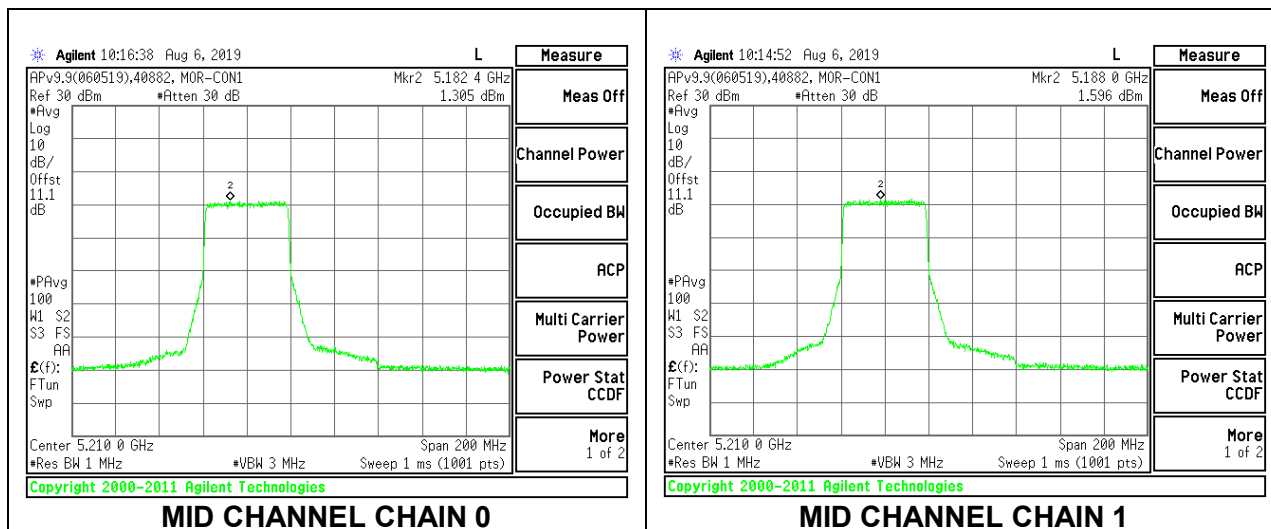
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 14.36                             | 14.40                             | 17.39                             | 18.34                   | -0.95                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.305                                    | 1.596                                    | 4.46                                     | 5.34                           | -0.88                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 484-Tones, RU Index 66**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Mid     | 5210               | 37.1530                   | 4.66                                      | 4.66                                    | 23.00                           | 18.34                   | 10.00                                  | 5.34                           |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

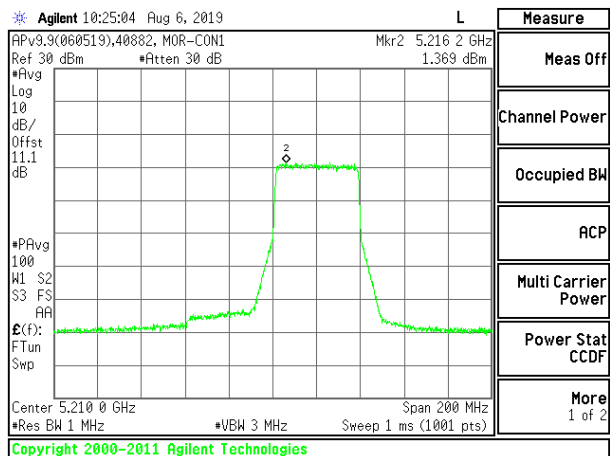
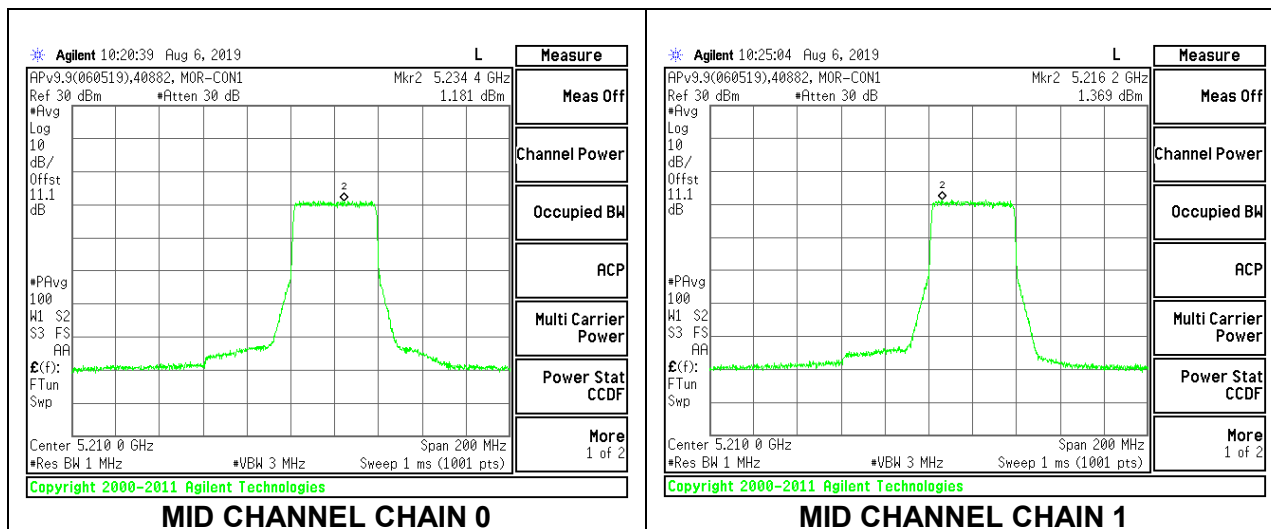
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 14.58                             | 14.37                             | 17.49                             | 18.34                   | -0.85                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.181                                    | 1.369                                    | 4.29                                     | 5.34                           | -1.05                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 242-Tones, RU Index 61**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Mid     | 5210               | 37.1530                   | 4.66                                      | 4.66                                    | 23.00                           | 18.34                   | 10.00                                  | 5.34                           |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

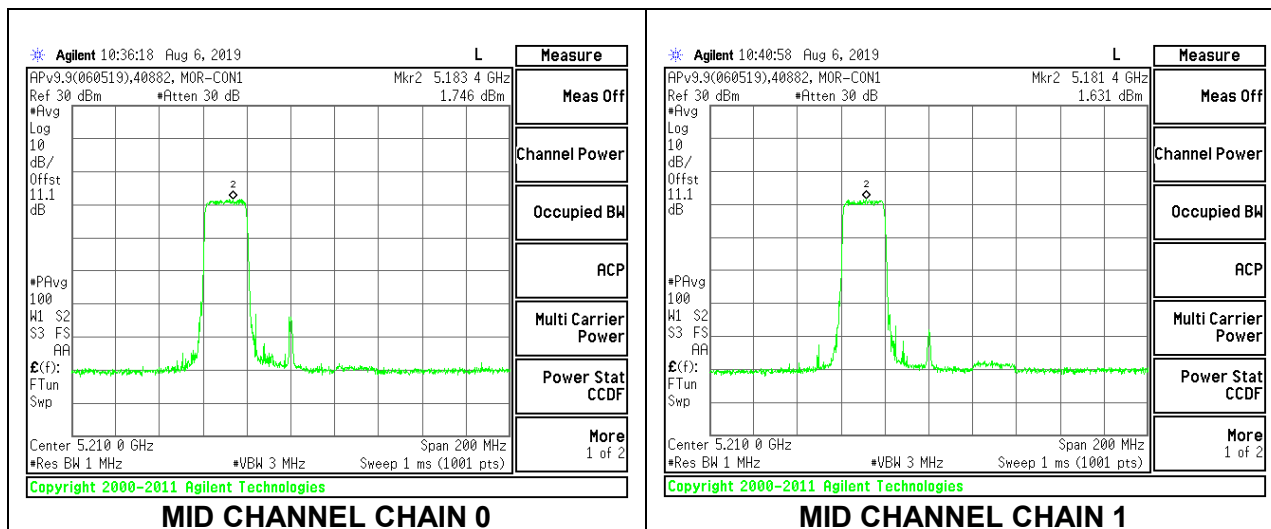
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 13.09                             | 12.84                             | 15.98                             | 18.34                   | -2.36                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.746                                    | 1.631                                    | 4.70                                     | 5.34                           | -0.64                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 242-Tones, RU Index 62**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Mid     | 5210               | 37.1530                   | 4.66                                      | 4.66                                    | 23.00                           | 18.34                   | 10.00                                  | 5.34                           |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

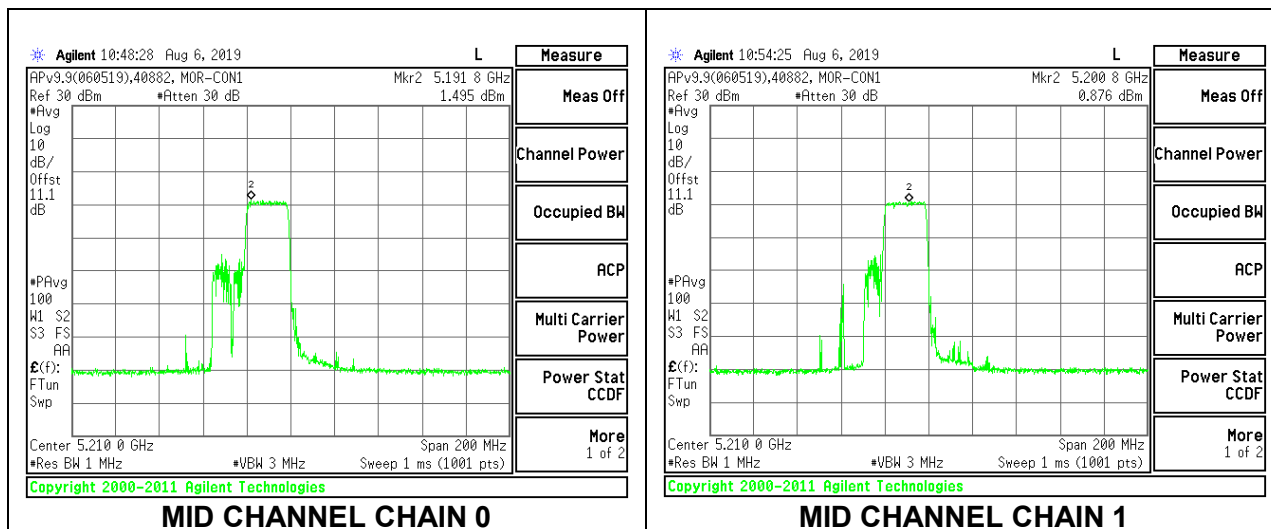
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 13.27                             | 13.08                             | 16.19                             | 18.34                   | -2.15                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.495                                    | 0.876                                    | 4.21                                     | 5.34                           | -1.13                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 242-Tones, RU Index 64**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Mid     | 5210               | 37.1530                   | 4.66                                      | 4.66                                    | 23.00                           | 18.34                   | 10.00                                  | 5.34                           |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

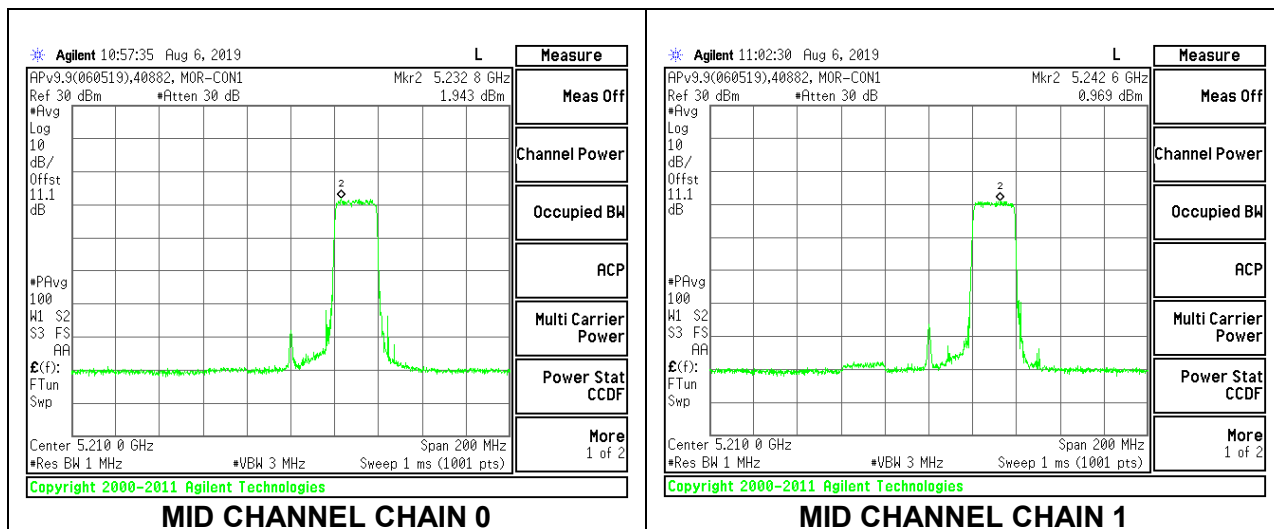
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 13.07                             | 12.84                             | 15.97                             | 18.34                   | -2.37                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.943                                    | 0.969                                    | 4.49                                     | 5.34                           | -0.85                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 53**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Mid     | 5210               | 37.1530                   | 4.66                                      | 4.66                                    | 23.00                           | 18.34                   | 10.00                                  | 5.34                           |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

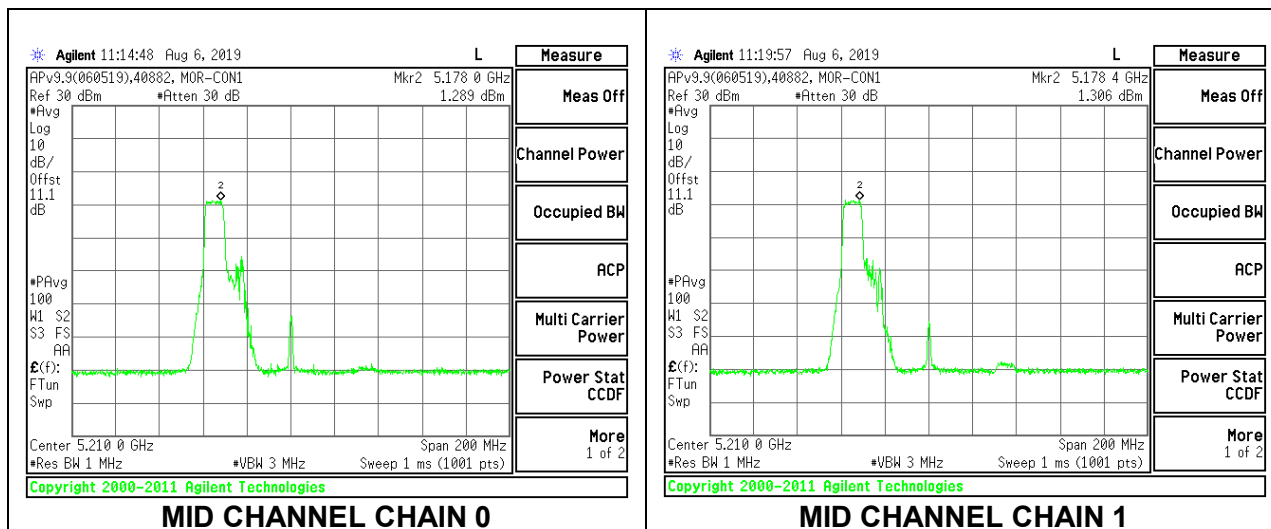
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 8.96                              | 9.22                              | 12.10                             | 18.34                   | -6.24                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.289                                    | 1.306                                    | 4.31                                     | 5.34                           | -1.03                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 56**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Mid     | 5210               | 37.1530                   | 4.66                                      | 4.66                                    | 23.00                           | 18.34                   | 10.00                                  | 5.34                           |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

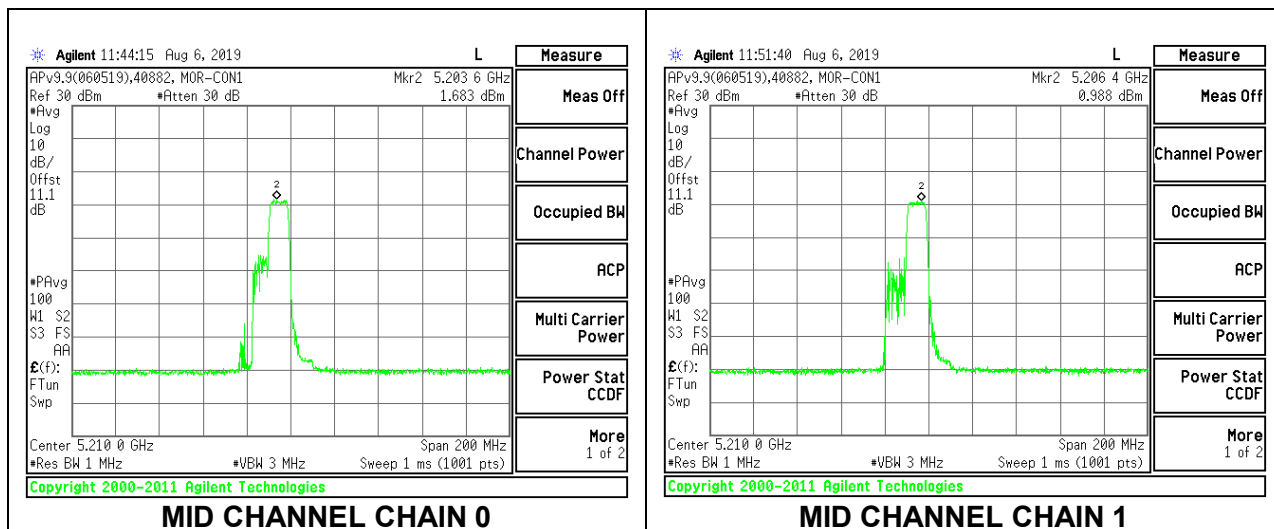
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 9.43                              | 9.81                              | 12.63                             | 18.34                   | -5.71                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.683                                    | 0.988                                    | 4.36                                     | 5.34                           | -0.98                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 60**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Mid     | 5210               | 37.1530                   | 4.66                                      | 4.66                                    | 23.00                           | 18.34                   | 10.00                                  | 5.34                           |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

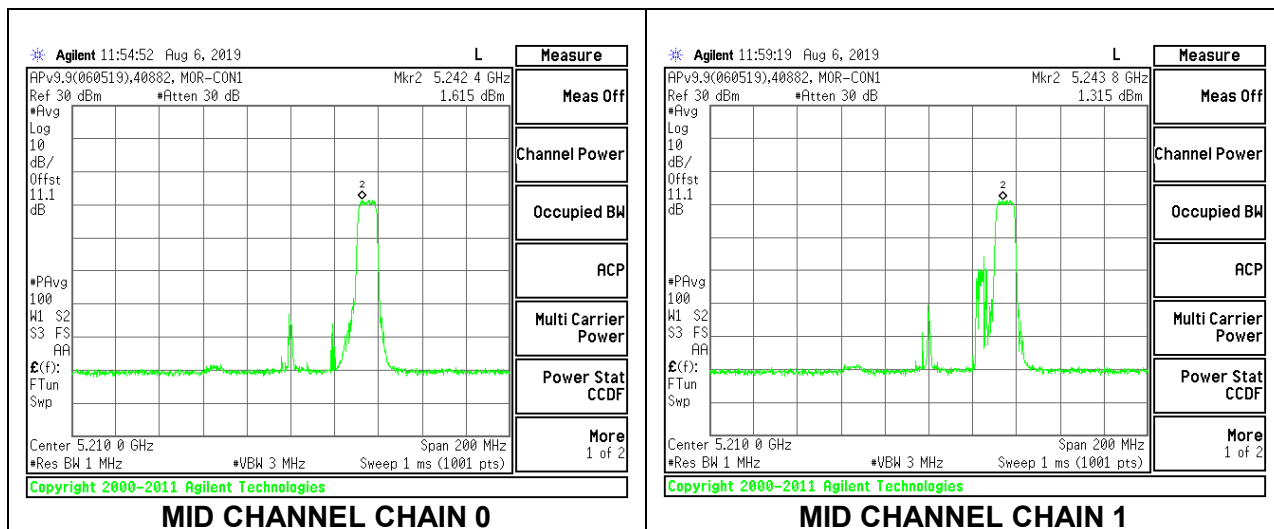
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 9.22                              | 9.55                              | 12.40                             | 18.34                   | -5.94                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.615                                    | 1.315                                    | 4.48                                     | 5.34                           | -0.86                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 37**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Mid     | 5210               | 37.1530                   | 4.66                                      | 4.66                                    | 23.00                           | 18.34                   | 10.00                                  | 5.34                           |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

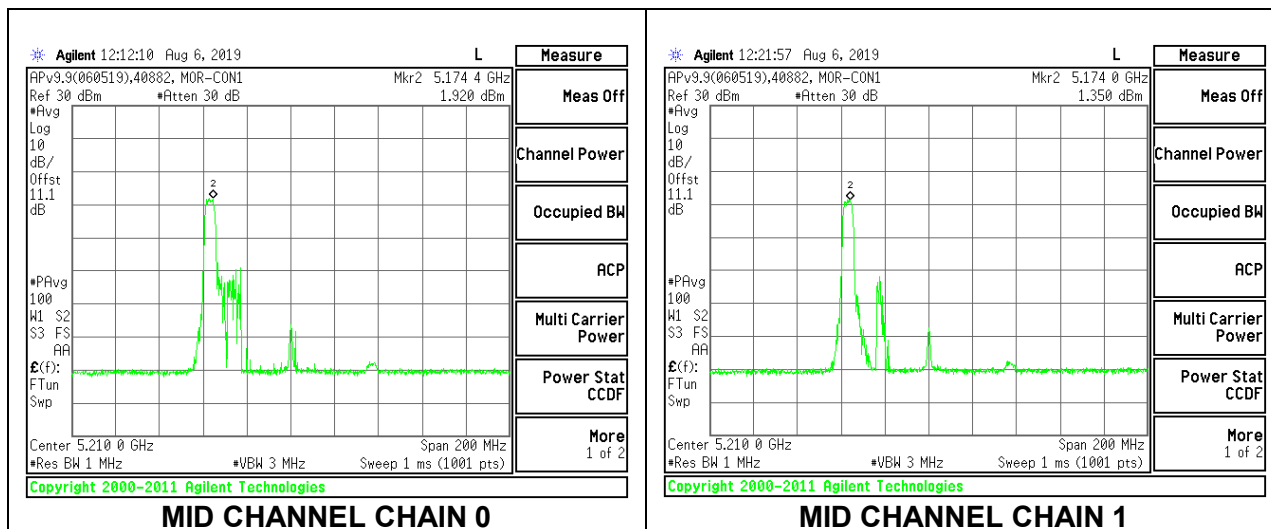
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 6.93                              | 6.74                              | 9.85                              | 18.34                   | -8.49                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.920                                    | 1.350                                    | 4.65                                     | 5.34                           | -0.69                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 44**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Mid     | 5210               | 37.1530                   | 4.66                                      | 4.66                                    | 23.00                           | 18.34                   | 10.00                                  | 5.34                           |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

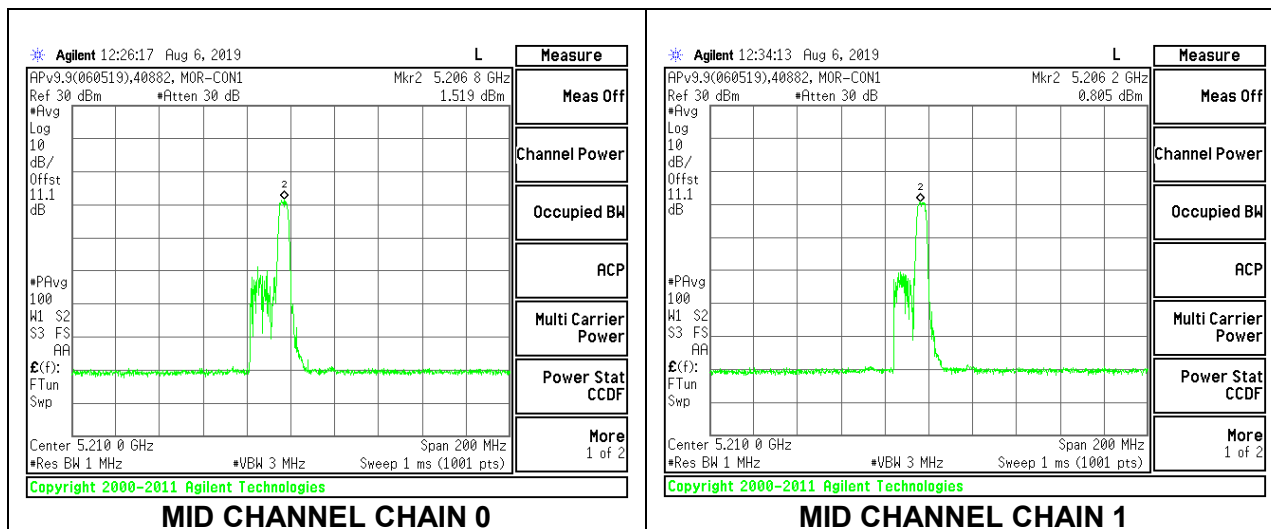
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 7.26                              | 6.99                              | 10.14                             | 18.34                   | -8.20                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.519                                    | 0.805                                    | 4.19                                     | 5.34                           | -1.15                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 52**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Mid     | 5210               | 37.1530                   | 4.66                                      | 4.66                                    | 23.00                           | 18.34                   | 10.00                                  | 5.34                           |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

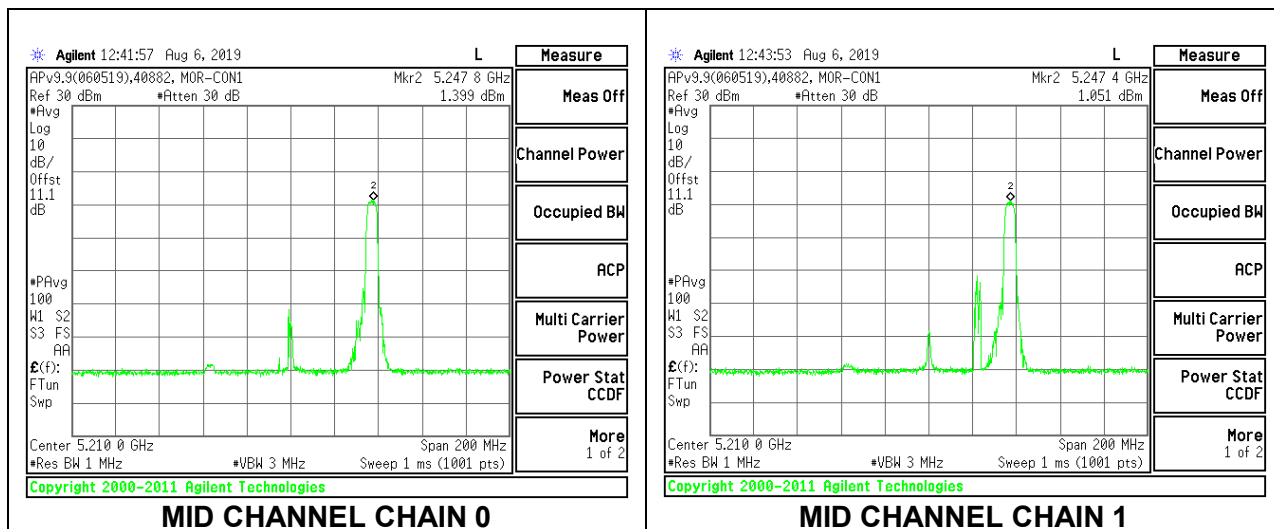
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 6.96                              | 6.72                              | 9.85                              | 18.34                   | -8.49                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.399                                    | 1.051                                    | 4.24                                     | 5.34                           | -1.10                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 0**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Mid     | 5210               | 37.1530                   | 4.66                                      | 4.66                                    | 23.00                           | 18.34                   | 10.00                                  | 5.34                           |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

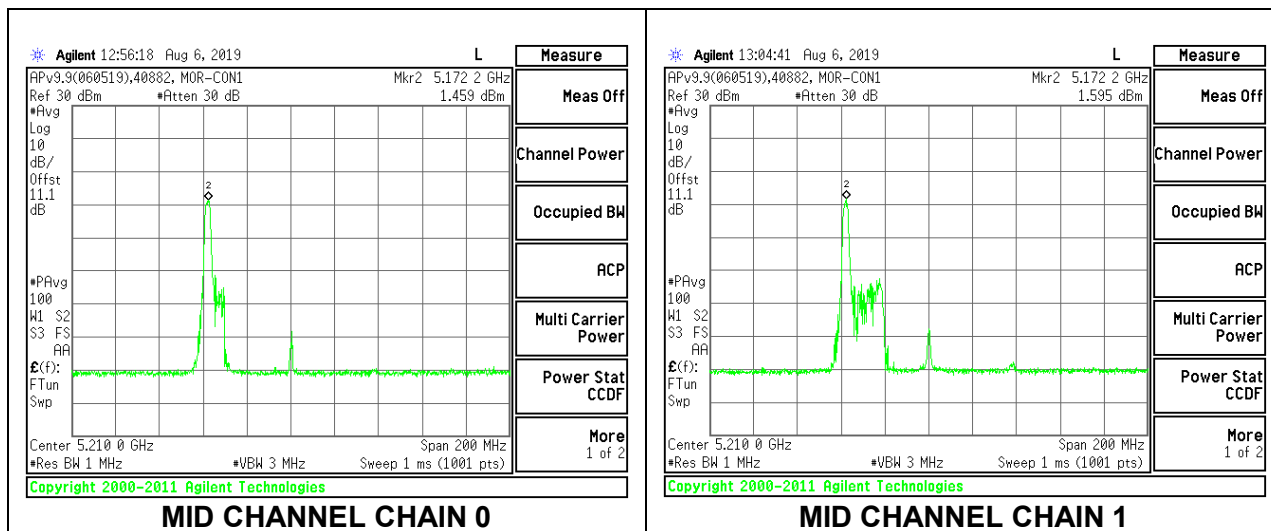
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 4.28                              | 4.12                              | 7.21                              | 18.34                   | -11.13                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.459                                    | 1.595                                    | 4.54                                     | 5.34                           | -0.80                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 18**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Mid     | 5210               | 37.1530                   | 4.66                                      | 4.66                                    | 23.00                           | 18.34                   | 10.00                                  | 5.34                           |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

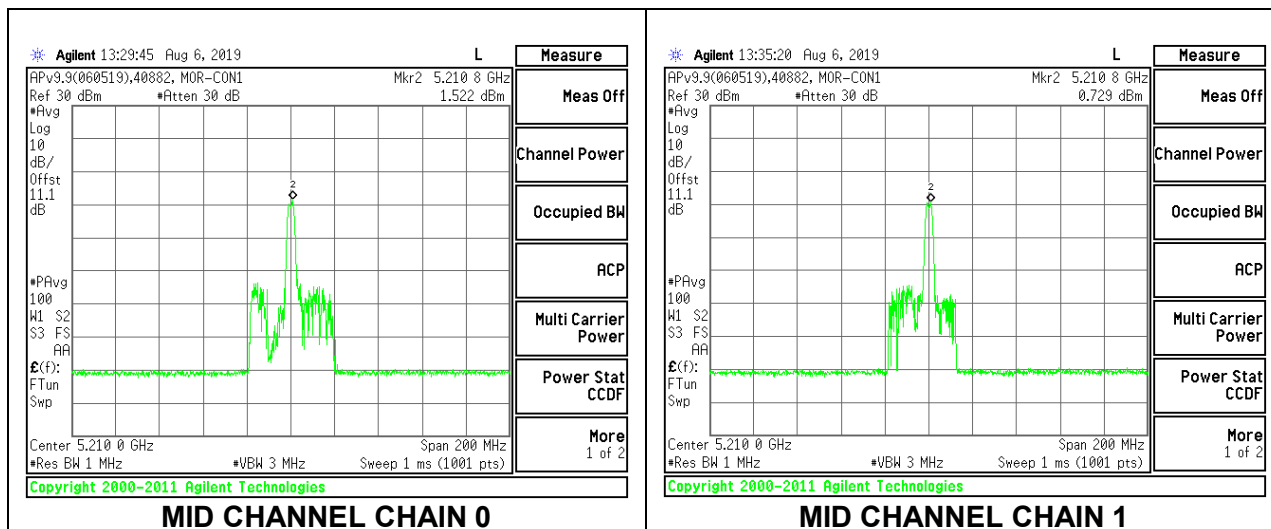
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 4.53                              | 4.49                              | 7.52                              | 18.34                   | -10.82                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.522                                    | 0.729                                    | 4.15                                     | 5.34                           | -1.19                 |

## MID CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 36**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Mid     | 5210               | 37.1530                   | 4.66                                      | 4.66                                    | 23.00                           | 18.34                   | 10.00                                  | 5.34                           |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

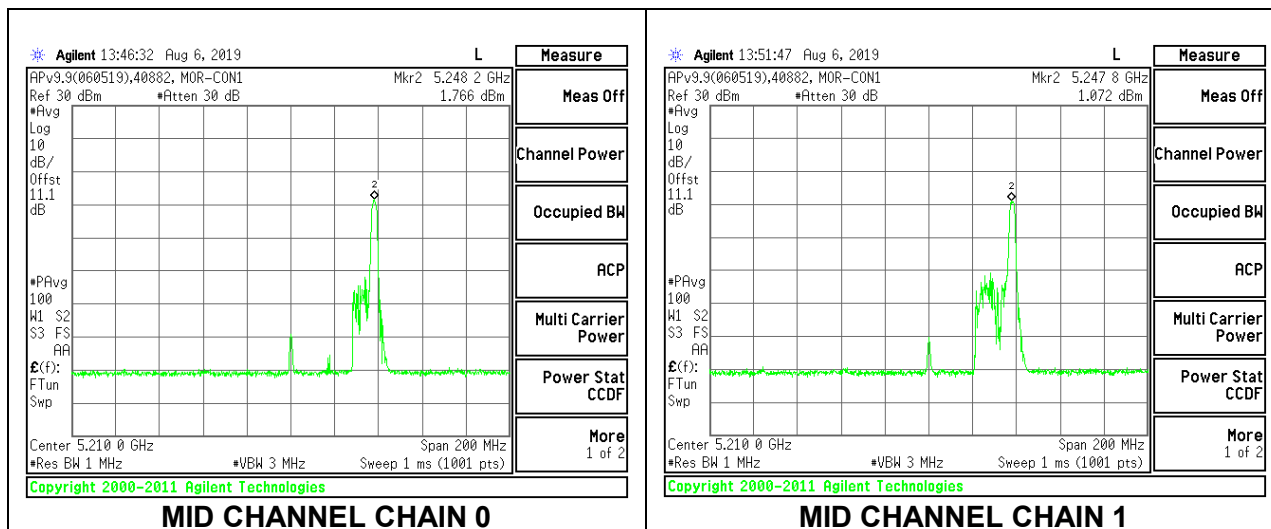
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 4.25                              | 4.09                              | 7.18                              | 18.34                   | -11.16                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Mid     | 5210               | 1.766                                    | 1.072                                    | 4.44                                     | 5.34                           | -0.90                 |

## MID CHANNEL



### 9.4.7. 802.11ax HE20 MODE IN THE 5.3 GHz BAND (FCC)

#### 2TX Antenna 1 + Antenna 2 SU MODE

##### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5260               | 20.65                       | 5.58                                      | 5.58                                    | 24.00                   | 11.00                      |
| Mid     | 5300               | 20.75                       | 5.58                                      | 5.58                                    | 24.00                   | 11.00                      |
| High    | 5320               | 21.05                       | 5.58                                      | 5.58                                    | 24.00                   | 11.00                      |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

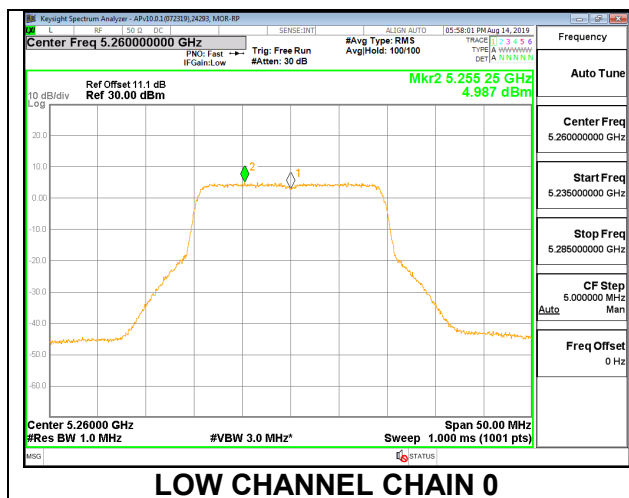
##### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 17.02                             | 17.13                             | 20.09                             | 24.00                   | -3.91                   |
| Mid     | 5300               | 17.23                             | 17.11                             | 20.18                             | 24.00                   | -3.82                   |
| High    | 5320               | 17.36                             | 17.04                             | 20.21                             | 24.00                   | -3.79                   |

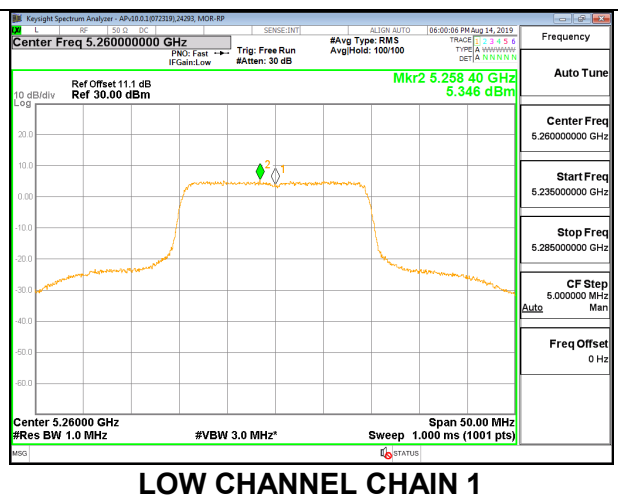
##### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5260               | 4.987                                | 5.346                                | 8.18                                 | 11.00                      | -2.82                 |
| Mid     | 5300               | 3.618                                | 4.800                                | 7.26                                 | 11.00                      | -3.74                 |
| High    | 5320               | 3.747                                | 3.770                                | 6.77                                 | 11.00                      | -4.23                 |

## LOW CHANNEL

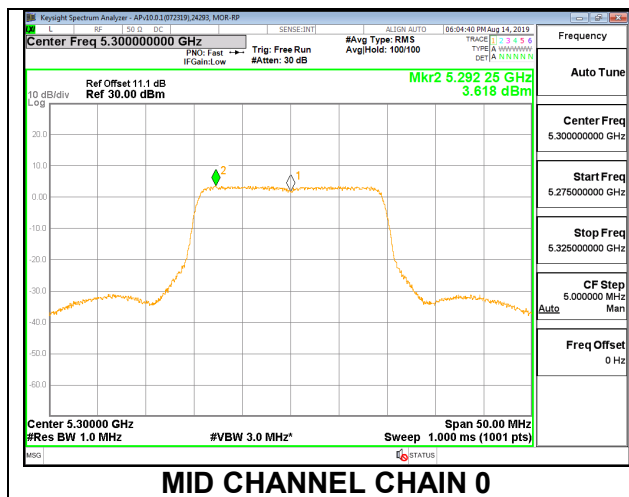


LOW CHANNEL CHAIN 0

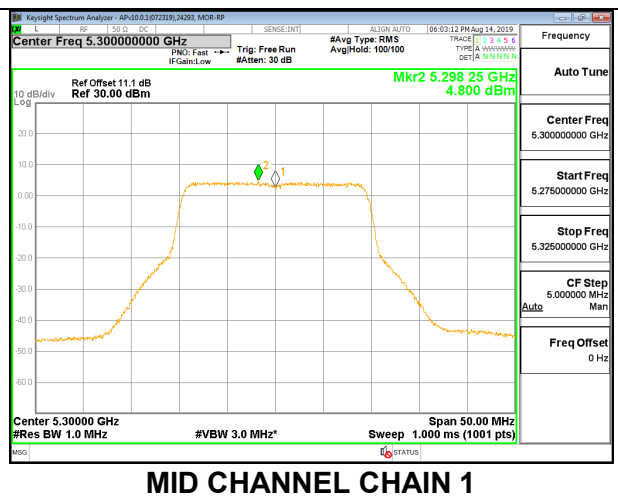


LOW CHANNEL CHAIN 1

## MID CHANNEL

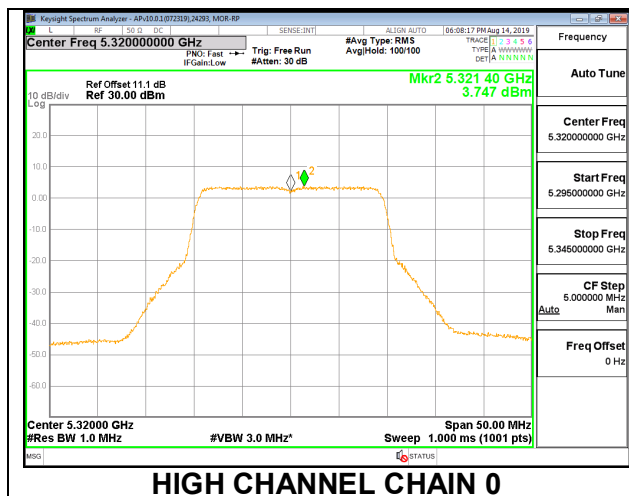


MID CHANNEL CHAIN 0

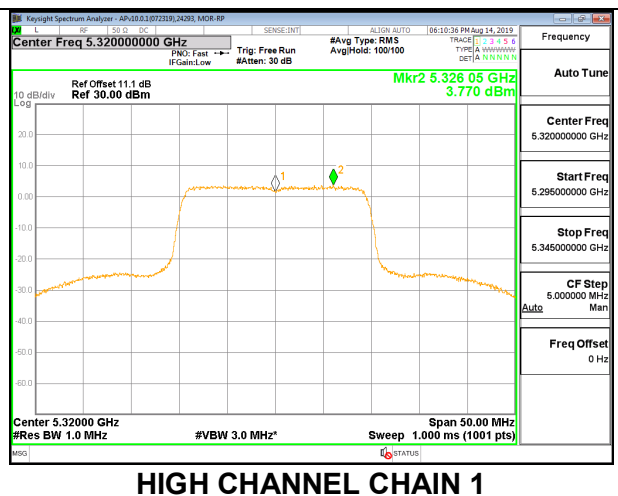


MID CHANNEL CHAIN 1

## HIGH CHANNEL



HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1

**2TX Antenna 1 + Antenna 2 OFDMA MODE – 242-Tones, RU Index 61**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5260               | 20.65                       | 5.58                                      | 5.58                                    | 24.00                   | 11.00                      |
| Mid     | 5300               | 20.75                       | 5.58                                      | 5.58                                    | 24.00                   | 11.00                      |
| High    | 5320               | 21.05                       | 5.58                                      | 5.58                                    | 24.00                   | 11.00                      |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

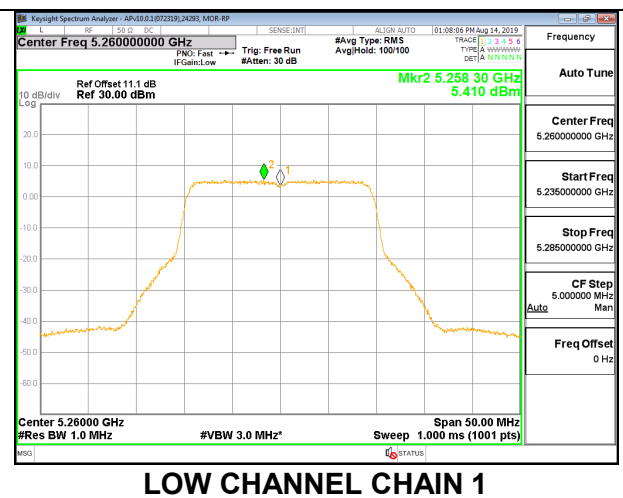
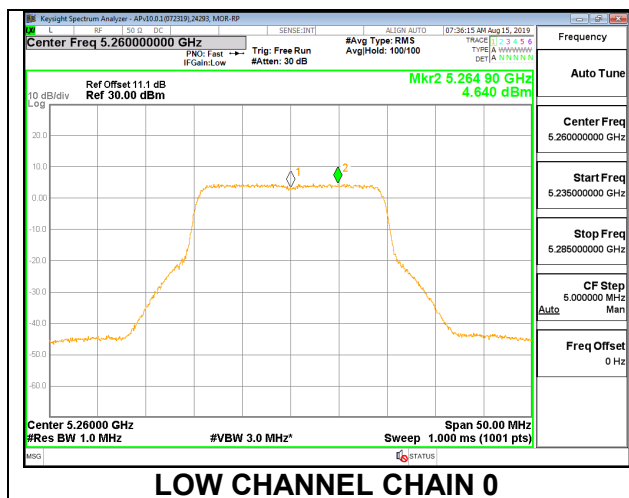
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 17.09                             | 17.11                             | 20.11                             | 24.00                   | -3.89                   |
| Mid     | 5300               | 17.21                             | 17.13                             | 20.18                             | 24.00                   | -3.82                   |
| High    | 5320               | 17.27                             | 17.09                             | 20.19                             | 24.00                   | -3.81                   |

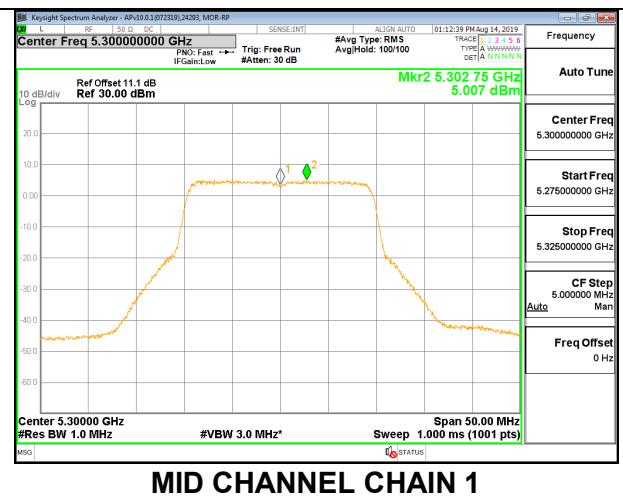
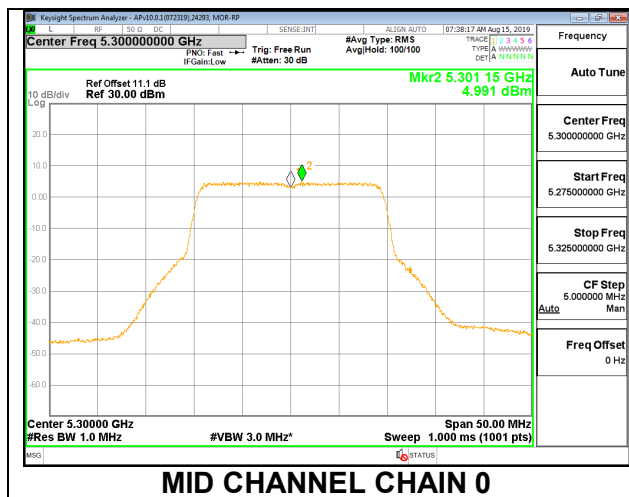
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5260               | 4.640                                | 5.410                                | 8.05                                 | 11.00                      | -2.95                 |
| Mid     | 5300               | 4.991                                | 5.007                                | 8.01                                 | 11.00                      | -2.99                 |
| High    | 5320               | 5.687                                | 5.758                                | 8.73                                 | 11.00                      | -2.27                 |

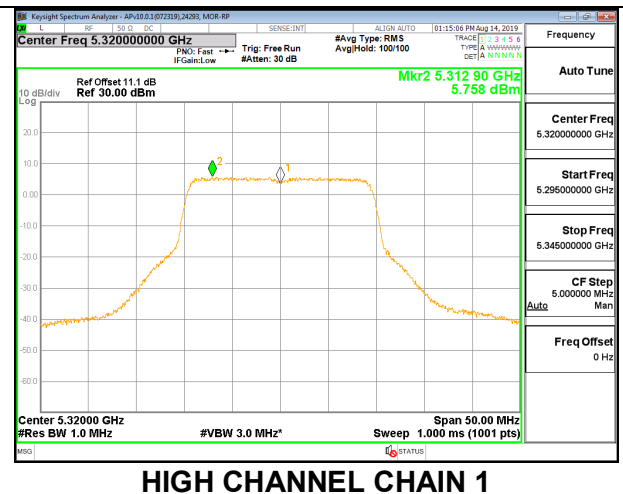
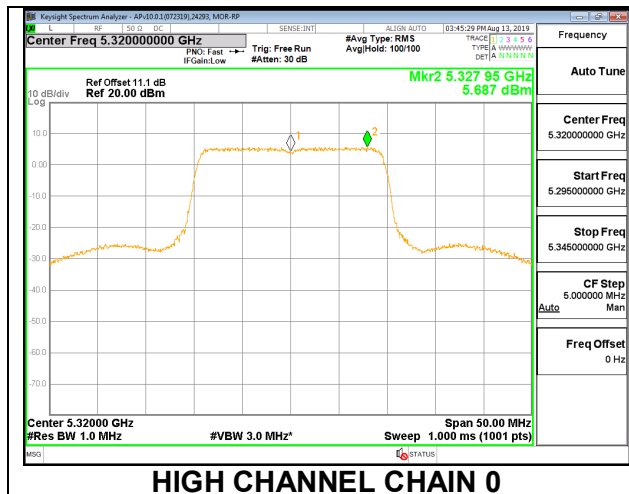
## LOW CHANNEL



## MID CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 53**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5260               | 20.65                       | 5.58                                      | 5.58                                    | 24.00                   | 11.00                      |
| Mid     | 5300               | 20.75                       | 5.58                                      | 5.58                                    | 24.00                   | 11.00                      |
| High    | 5320               | 21.05                       | 5.58                                      | 5.58                                    | 24.00                   | 11.00                      |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

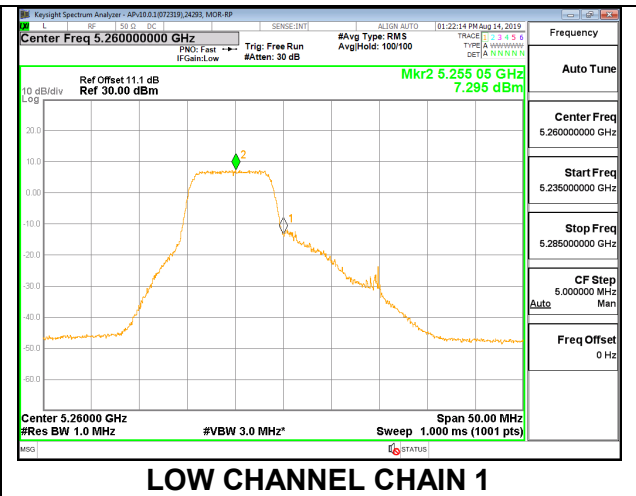
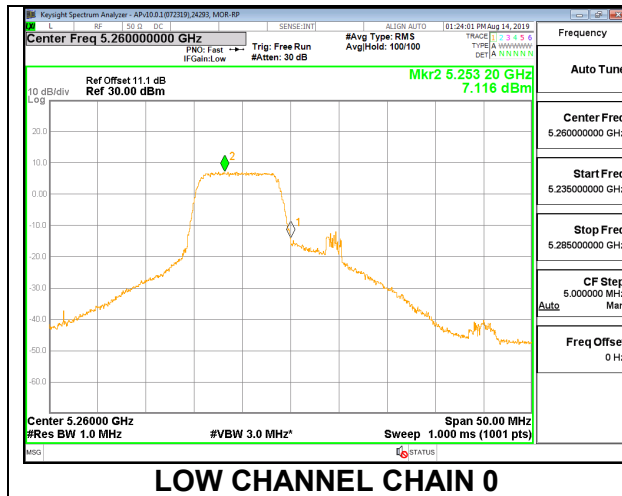
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 16.24                             | 16.49                             | 19.38                             | 24.00                   | -4.62                   |
| Mid     | 5300               | 16.35                             | 16.34                             | 19.36                             | 24.00                   | -4.64                   |
| High    | 5320               | 16.45                             | 16.45                             | 19.46                             | 24.00                   | -4.54                   |

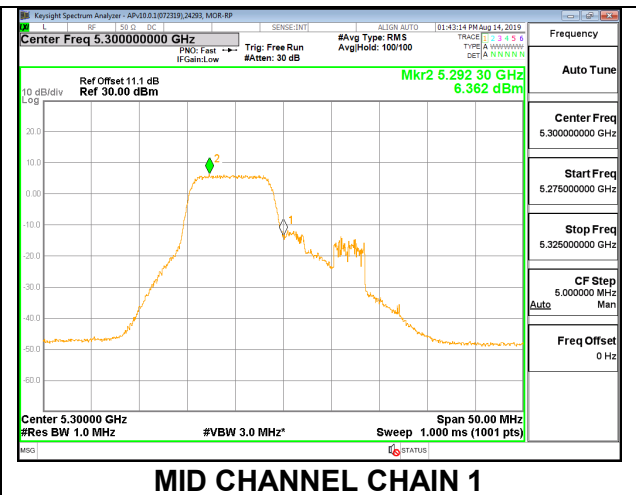
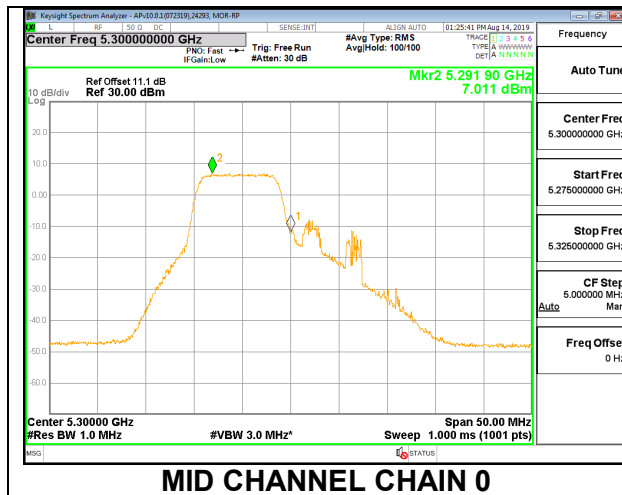
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5260               | 7.116                                | 7.295                                | 10.22                                | 11.00                      | -0.78                 |
| Mid     | 5300               | 7.011                                | 6.362                                | 9.71                                 | 11.00                      | -1.29                 |
| High    | 5320               | 6.705                                | 6.884                                | 9.81                                 | 11.00                      | -1.19                 |

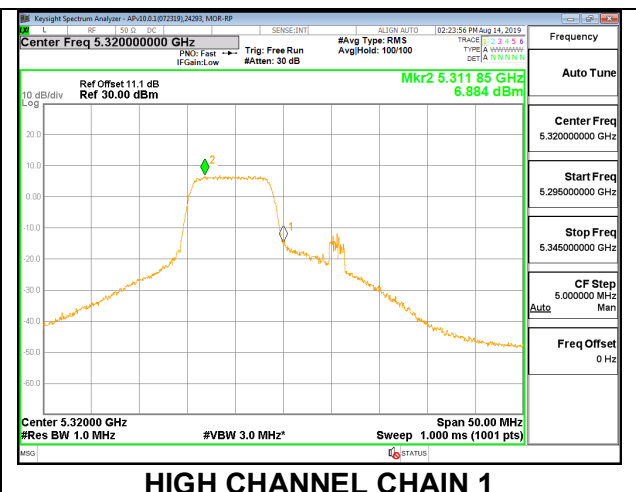
## LOW CHANNEL



## MID CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 54**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5260               | 20.65                       | 5.58                                      | 5.58                                    | 24.00                   | 11.00                      |
| Mid     | 5300               | 20.75                       | 5.58                                      | 5.58                                    | 24.00                   | 11.00                      |
| High    | 5320               | 21.05                       | 5.58                                      | 5.58                                    | 24.00                   | 11.00                      |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

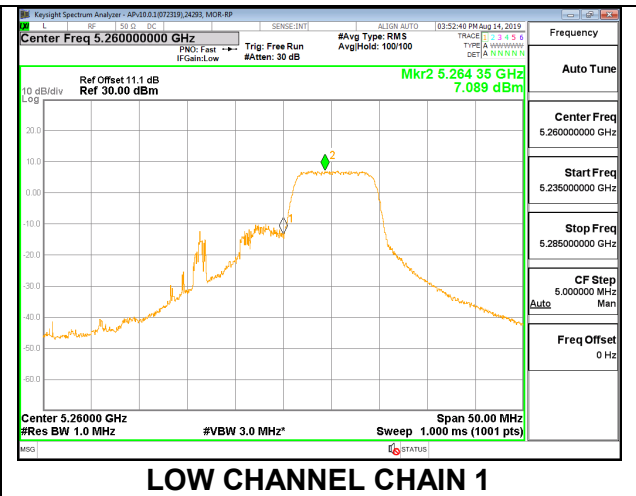
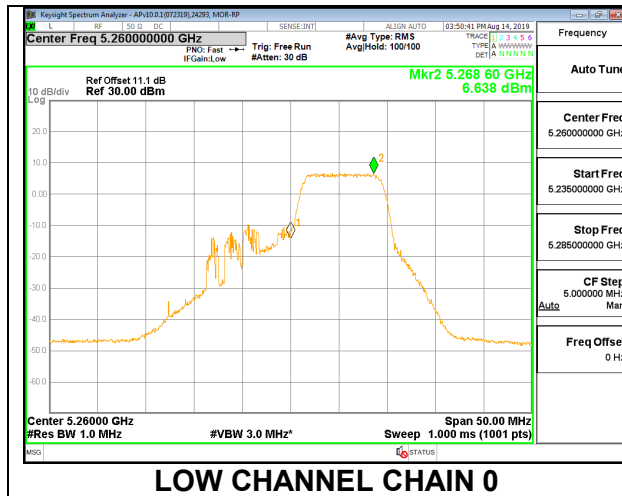
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 16.72                             | 16.70                             | 19.72                             | 24.00                   | -4.28                   |
| Mid     | 5300               | 16.90                             | 16.73                             | 19.83                             | 24.00                   | -4.17                   |
| High    | 5320               | 16.90                             | 16.75                             | 19.84                             | 24.00                   | -4.16                   |

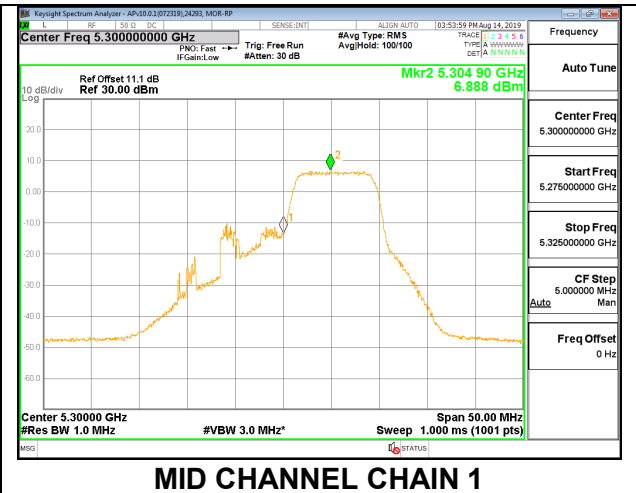
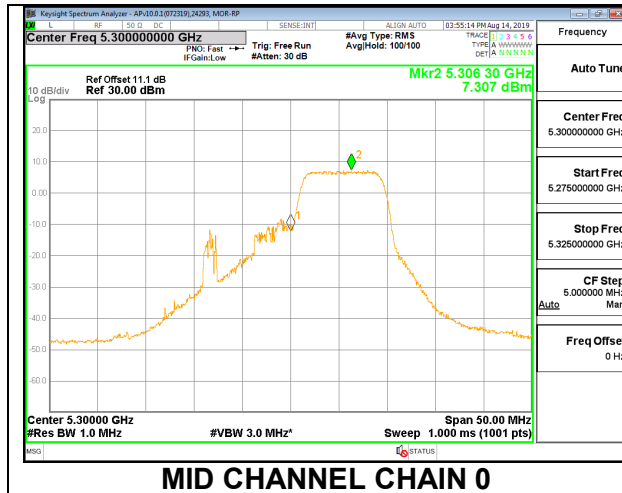
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5260               | 6.638                                | 7.089                                | 9.88                                 | 11.00                      | -1.12                 |
| Mid     | 5300               | 7.307                                | 6.888                                | 10.11                                | 11.00                      | -0.89                 |
| High    | 5320               | 7.445                                | 6.313                                | 9.93                                 | 11.00                      | -1.07                 |

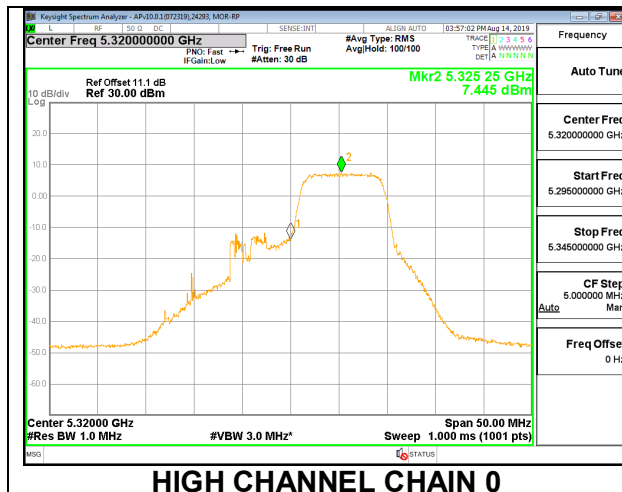
## LOW CHANNEL



## MID CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 37**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5260               | 20.65                       | 5.58                                      | 5.58                                    | 24.00                   | 11.00                      |
| Mid     | 5300               | 20.75                       | 5.58                                      | 5.58                                    | 24.00                   | 11.00                      |
| High    | 5320               | 21.05                       | 5.58                                      | 5.58                                    | 24.00                   | 11.00                      |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

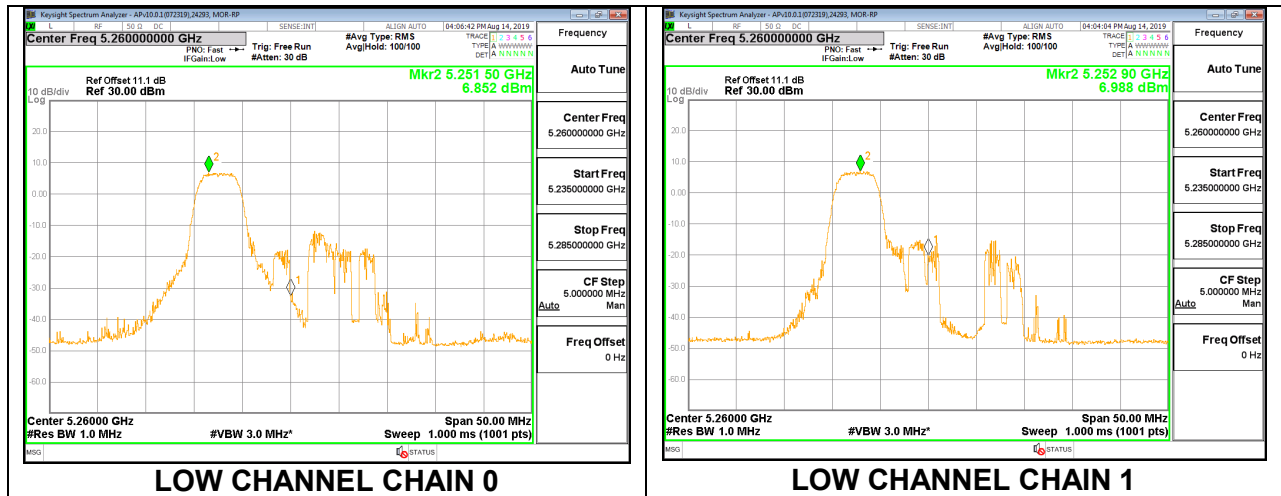
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 13.29                             | 13.40                             | 16.36                             | 24.00                   | -7.64                   |
| Mid     | 5300               | 13.48                             | 13.44                             | 16.47                             | 24.00                   | -7.53                   |
| High    | 5320               | 13.66                             | 13.46                             | 16.57                             | 24.00                   | -7.43                   |

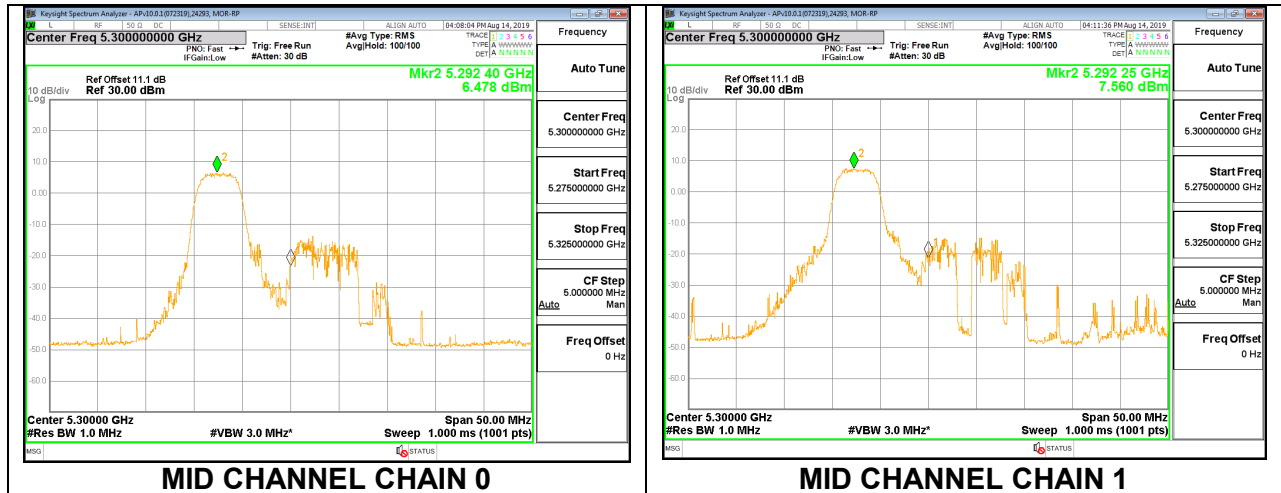
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5260               | 6.852                                | 6.988                                | 9.93                                 | 11.00                      | -1.07                 |
| Mid     | 5300               | 6.478                                | 7.560                                | 10.06                                | 11.00                      | -0.94                 |
| High    | 5320               | 6.499                                | 6.899                                | 9.71                                 | 11.00                      | -1.29                 |

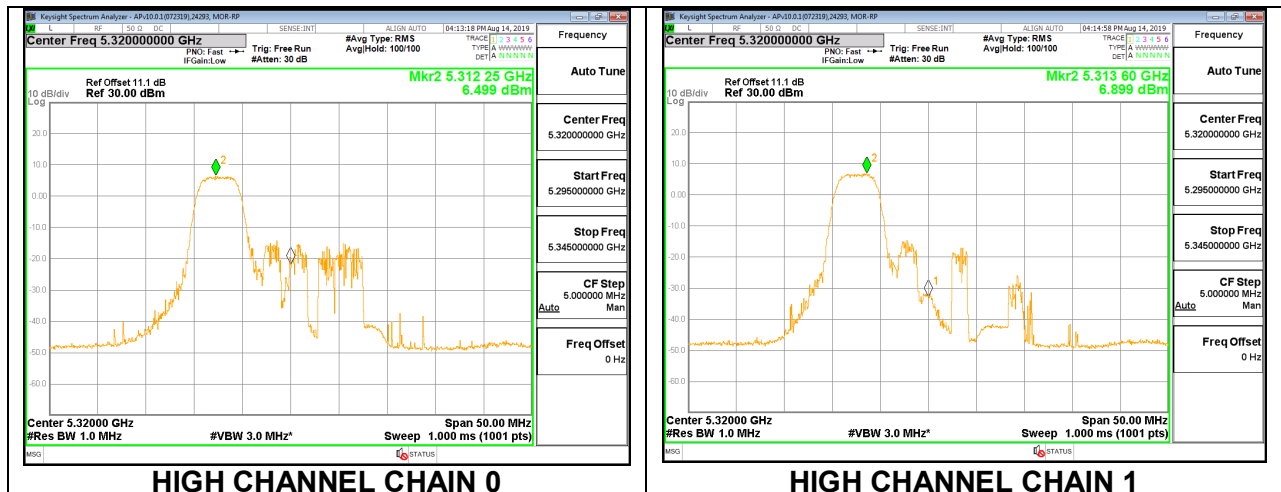
## LOW CHANNEL



## MID CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 38**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5260               | 20.65                       | 5.58                                      | 5.58                                    | 24.00                   | 11.00                      |
| Mid     | 5300               | 20.75                       | 5.58                                      | 5.58                                    | 24.00                   | 11.00                      |
| High    | 5320               | 21.05                       | 5.58                                      | 5.58                                    | 24.00                   | 11.00                      |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

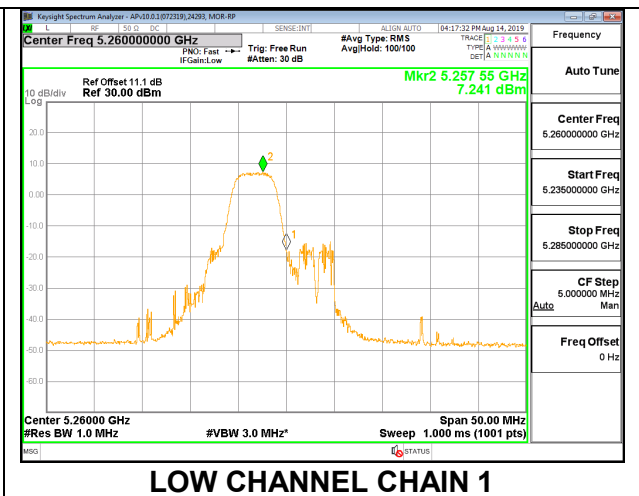
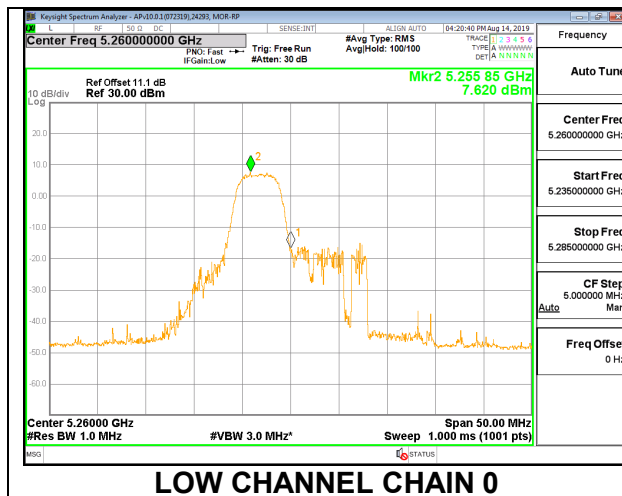
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 13.12                             | 13.52                             | 16.33                             | 24.00                   | -7.67                   |
| Mid     | 5300               | 13.40                             | 13.55                             | 16.49                             | 24.00                   | -7.51                   |
| High    | 5320               | 13.43                             | 13.43                             | 16.44                             | 24.00                   | -7.56                   |

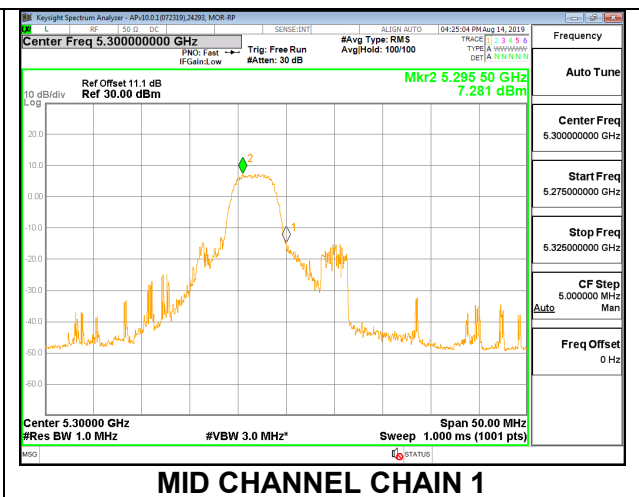
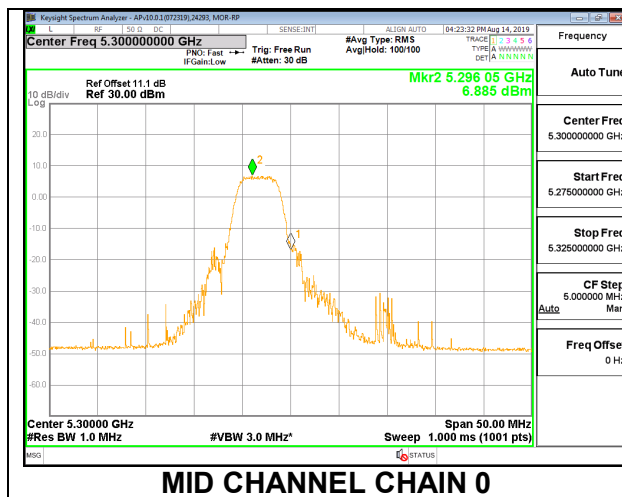
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5260               | 7.620                                | 7.241                                | 10.44                                | 11.00                      | -0.56                 |
| Mid     | 5300               | 6.885                                | 7.281                                | 10.10                                | 11.00                      | -0.90                 |
| High    | 5320               | 6.424                                | 6.601                                | 9.52                                 | 11.00                      | -1.48                 |

## LOW CHANNEL



## MID CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 40**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5260               | 20.65                       | 5.58                                      | 5.58                                    | 24.00                   | 11.00                      |
| Mid     | 5300               | 20.75                       | 5.58                                      | 5.58                                    | 24.00                   | 11.00                      |
| High    | 5320               | 21.05                       | 5.58                                      | 5.58                                    | 24.00                   | 11.00                      |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

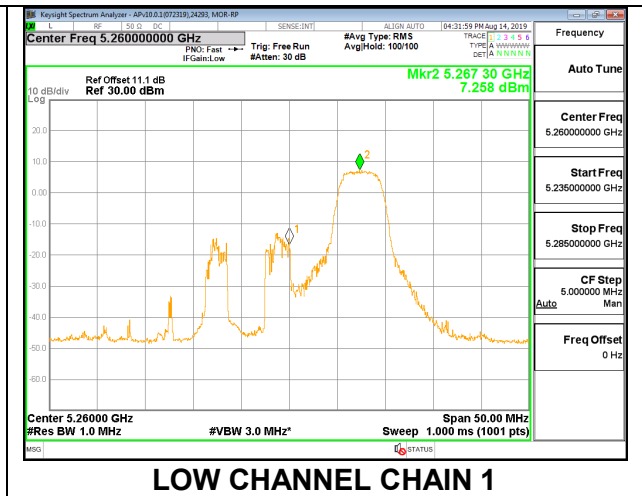
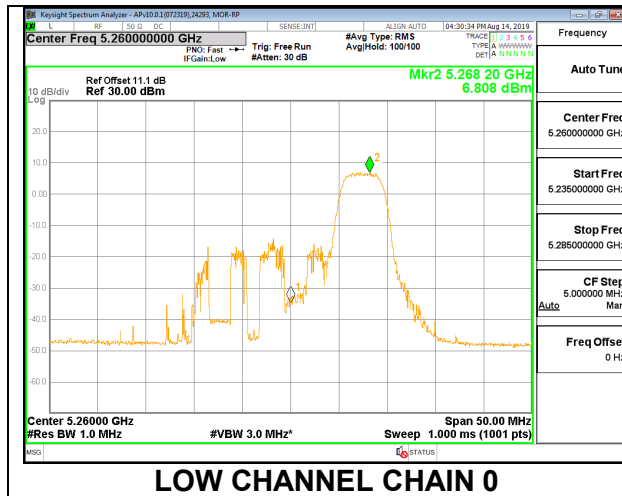
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 13.45                             | 13.40                             | 16.44                             | 24.00                   | -7.56                   |
| Mid     | 5300               | 13.56                             | 13.48                             | 16.53                             | 24.00                   | -7.47                   |
| High    | 5320               | 13.33                             | 13.33                             | 16.34                             | 24.00                   | -7.66                   |

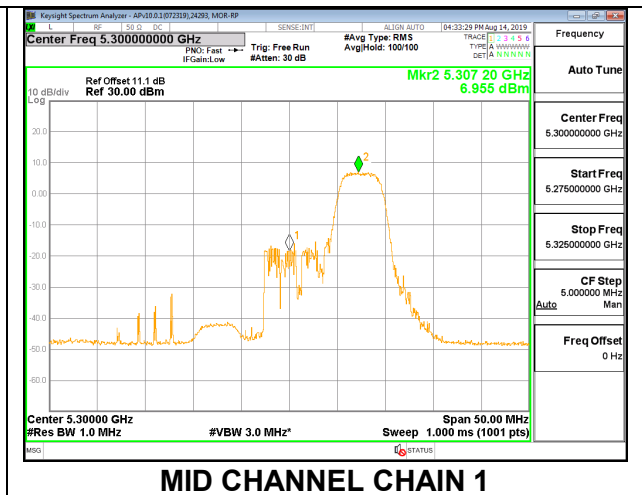
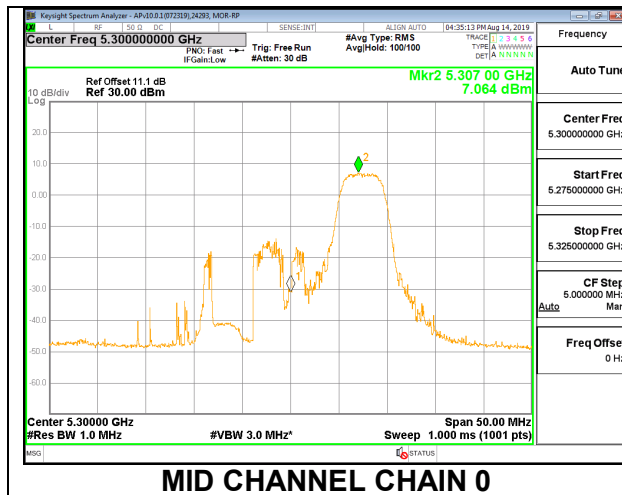
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5260               | 6.808                                | 7.258                                | 10.05                                | 11.00                      | -0.95                 |
| Mid     | 5300               | 7.064                                | 6.955                                | 10.02                                | 11.00                      | -0.98                 |
| High    | 5320               | 7.271                                | 5.529                                | 9.50                                 | 11.00                      | -1.50                 |

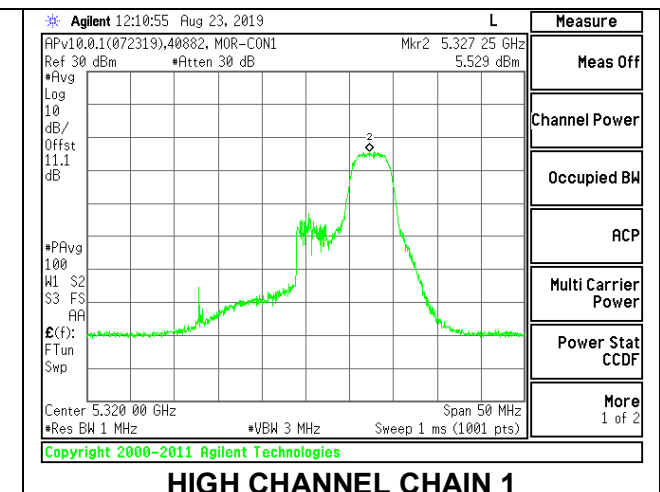
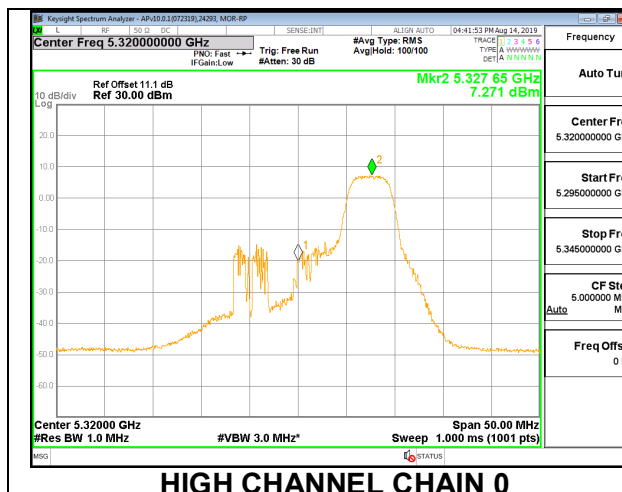
## LOW CHANNEL



## MID CHANNEL



## HIGH CHANNEL



**2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 0**

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5260               | 20.65                       | 5.58                                      | 5.58                                    | 24.00                   | 11.00                      |
| Mid     | 5300               | 20.75                       | 5.58                                      | 5.58                                    | 24.00                   | 11.00                      |
| High    | 5320               | 21.05                       | 5.58                                      | 5.58                                    | 24.00                   | 11.00                      |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 10.65                             | 10.95                             | 13.81                             | 24.00                   | -10.19                  |
| Mid     | 5300               | 10.78                             | 10.93                             | 13.87                             | 24.00                   | -10.13                  |
| High    | 5320               | 10.87                             | 11.91                             | 14.43                             | 24.00                   | -9.57                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|--------------------------------------|--------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5260               | 7.189                                | 7.383                                | 10.30                                | 11.00                      | -0.70                 |
| Mid     | 5300               | 7.293                                | 7.218                                | 10.27                                | 11.00                      | -0.73                 |
| High    | 5320               | 7.015                                | 7.146                                | 10.09                                | 11.00                      | -0.91                 |