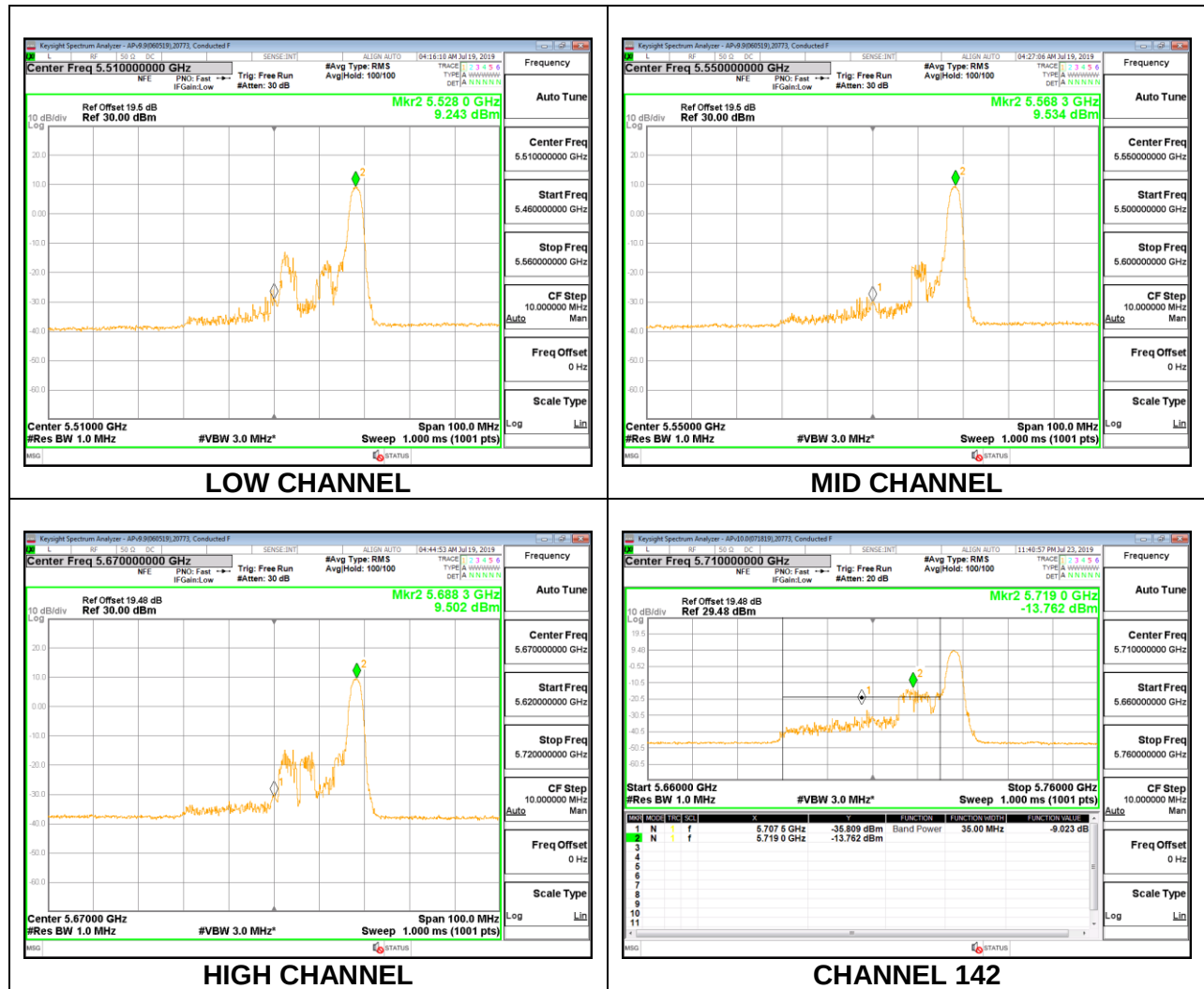




**2TX Antenna 6 + Antenna 5 OFDMA MODE – 484 Tones, RU Index 65**

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<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) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5510               | 41.70                       | 37.7220                   | -3.24                                     | -0.48                                   |
| Mid     | 5550               | 41.80                       | 37.6730                   | -3.24                                     | -0.48                                   |
| High    | 5670               | 41.70                       | 37.4810                   | -3.24                                     | -0.48                                   |
| 142     | 5710               | 41.50                       | 37.3850                   | -3.24                                     | -0.48                                   |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5510               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 11.00                                 | 11.00                                  | 11.00                          |
| Mid     | 5550               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 11.00                                 | 11.00                                  | 11.00                          |
| High    | 5670               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 11.00                                 | 11.00                                  | 11.00                          |
| 142     | 5710               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 11.00                                 | 11.00                                  | 11.00                          |

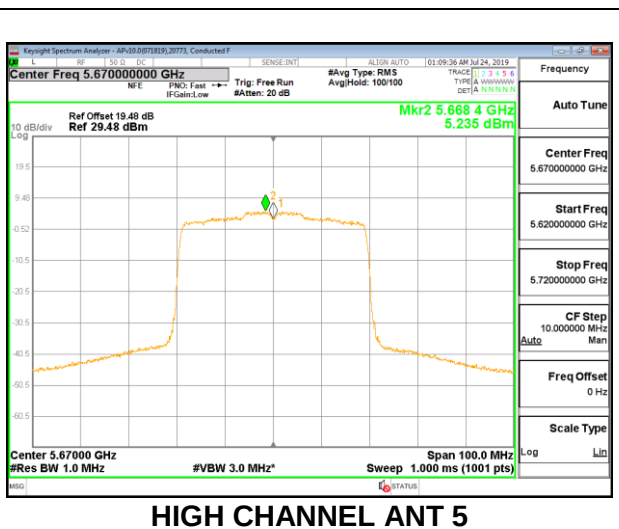
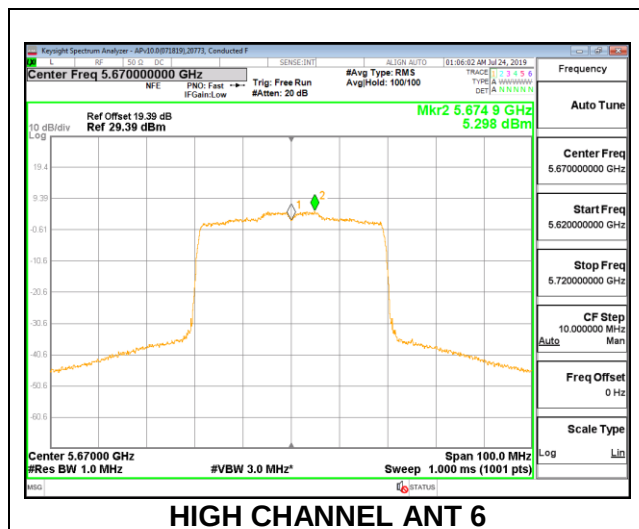
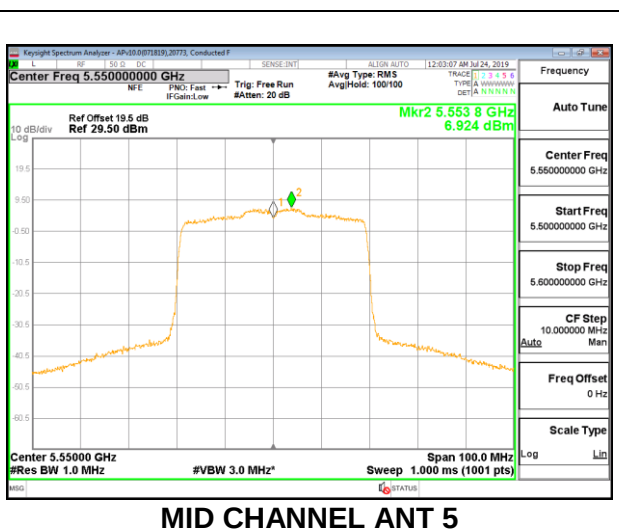
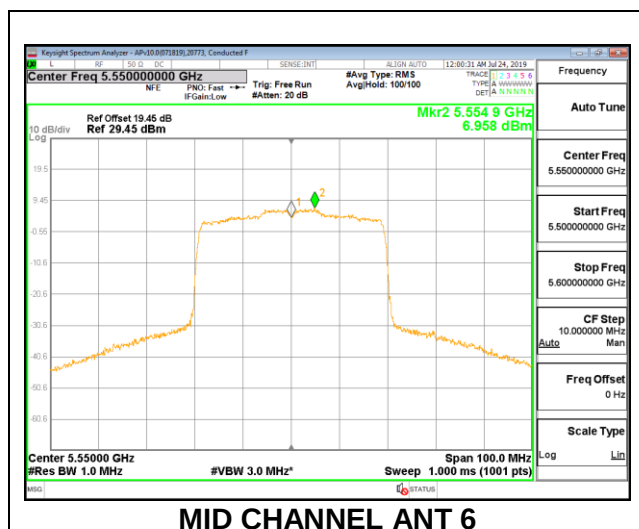
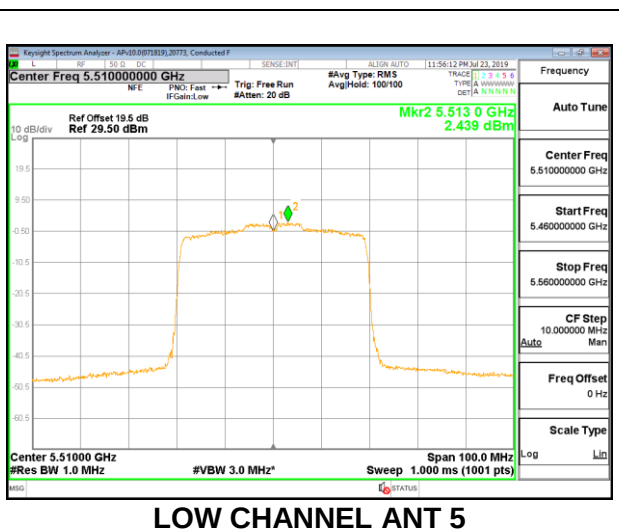
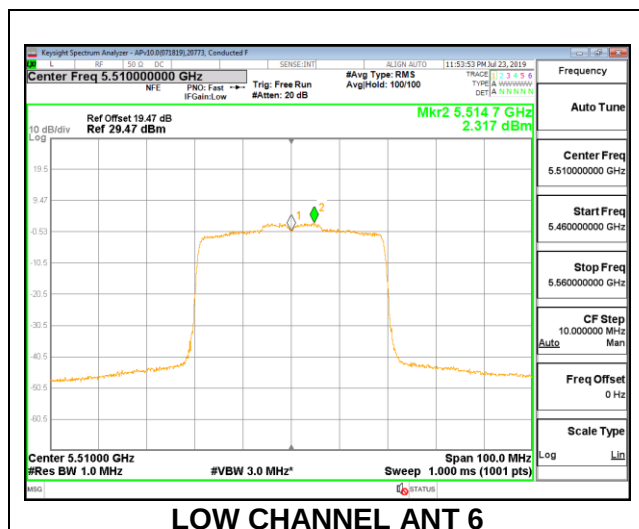
|                           |      |                                                |
|---------------------------|------|------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | Included in Calculations of Corr'd Power & PSD |
|---------------------------|------|------------------------------------------------|

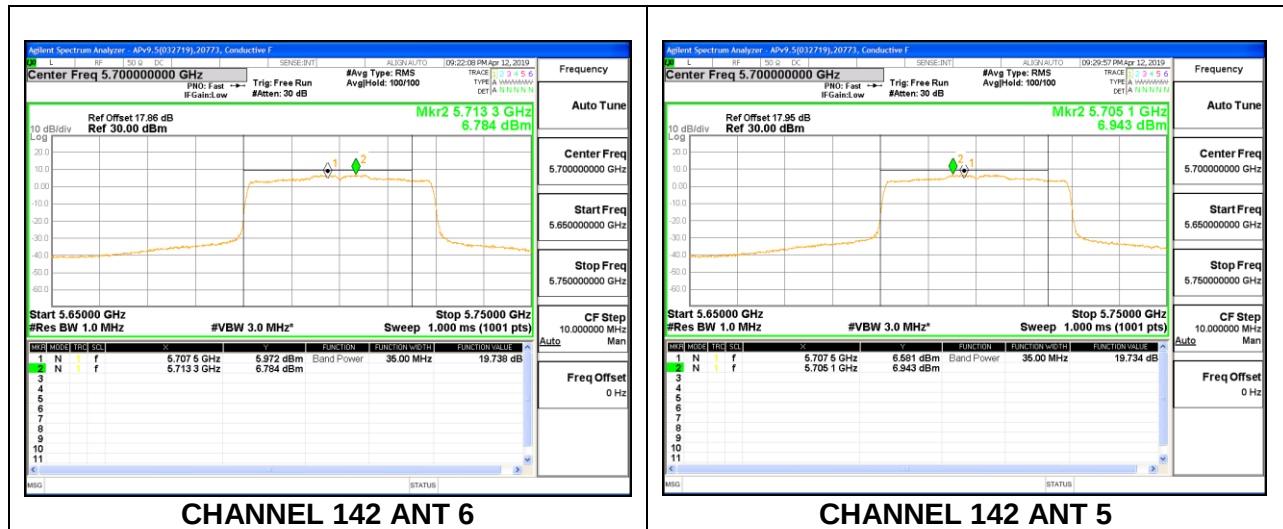
**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<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     | 5510               | 15.44                               | 15.41                               | 18.44                             | 24.00                   | -5.56                   |
| Mid     | 5550               | 19.22                               | 19.81                               | 22.54                             | 24.00                   | -1.46                   |
| High    | 5670               | 18.37                               | 18.35                               | 21.37                             | 24.00                   | -2.63                   |
| 142     | 5710               | 19.73                               | 19.73                               | 22.74                             | 24.00                   | -1.26                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Antenna 5<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     | 5510               | 2.32                                       | 2.44                                       | 5.39                                     | 11.00                          | -5.61                 |
| Mid     | 5550               | 6.96                                       | 6.92                                       | 9.95                                     | 11.00                          | -1.05                 |
| High    | 5670               | 5.30                                       | 5.24                                       | 8.28                                     | 11.00                          | -2.72                 |
| 142     | 5710               | 6.78                                       | 6.94                                       | 9.87                                     | 11.00                          | -1.13                 |





**2TX Antenna 6 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 0**

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<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) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5510               | 20.10                       | 18.5050                   | -3.24                                     | -0.48                                   |
| Mid     | 5550               | 20.10                       | 18.8079                   | -3.24                                     | -0.48                                   |
| High    | 5670               | 20.00                       | 18.3031                   | -3.24                                     | -0.48                                   |
| 142     | 5710               | 19.90                       | 18.2410                   | -3.24                                     | -0.48                                   |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5510               | 24.00                          | 23.67                           | 29.67                          | 23.67                   | 11.00                                 | 11.00                                  | 11.00                          |
| Mid     | 5550               | 24.00                          | 23.74                           | 29.74                          | 23.74                   | 11.00                                 | 11.00                                  | 11.00                          |
| High    | 5670               | 24.00                          | 23.63                           | 29.63                          | 23.63                   | 11.00                                 | 11.00                                  | 11.00                          |
| 142     | 5710               | 23.99                          | 23.61                           | 29.61                          | 23.61                   | 11.00                                 | 11.00                                  | 11.00                          |

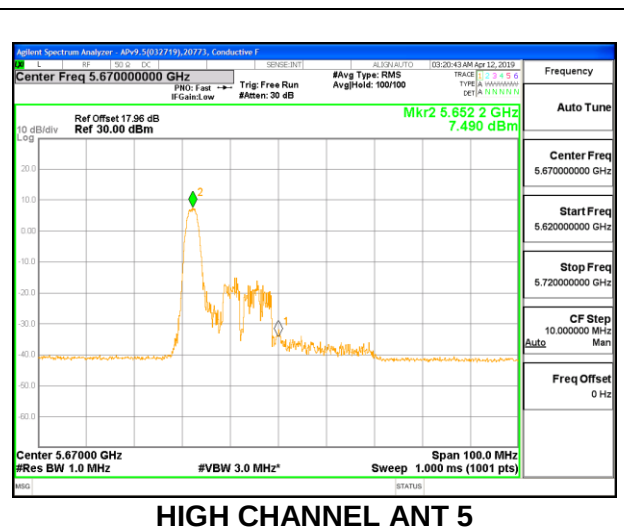
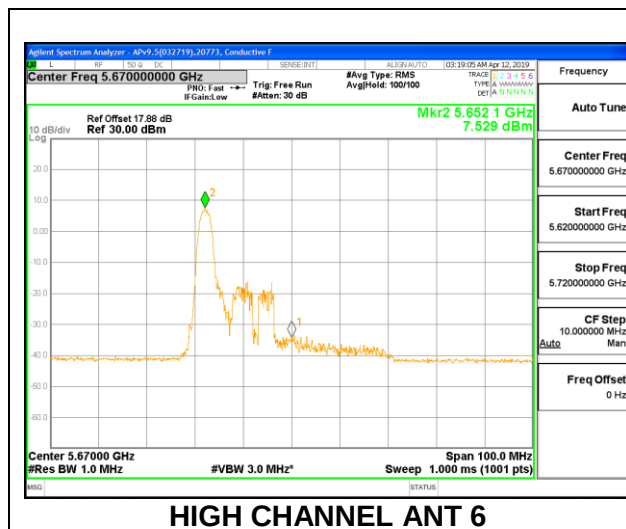
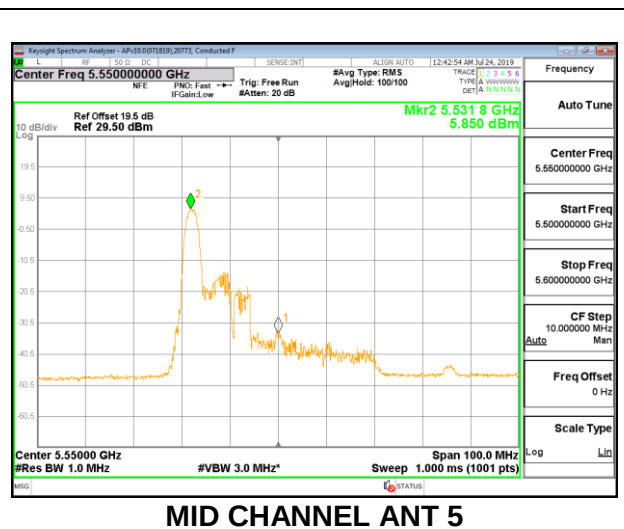
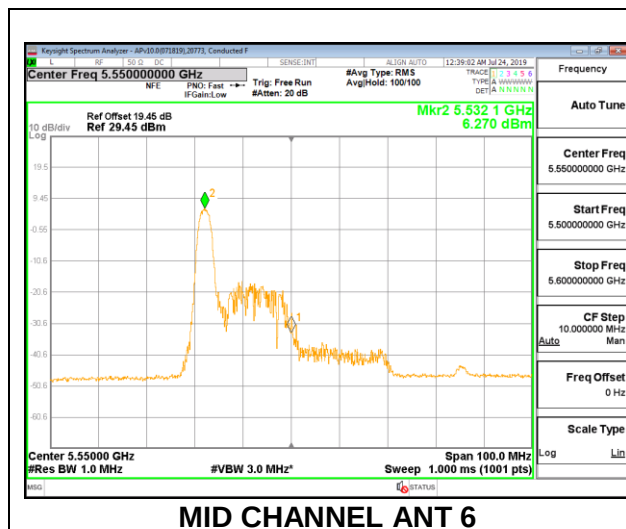
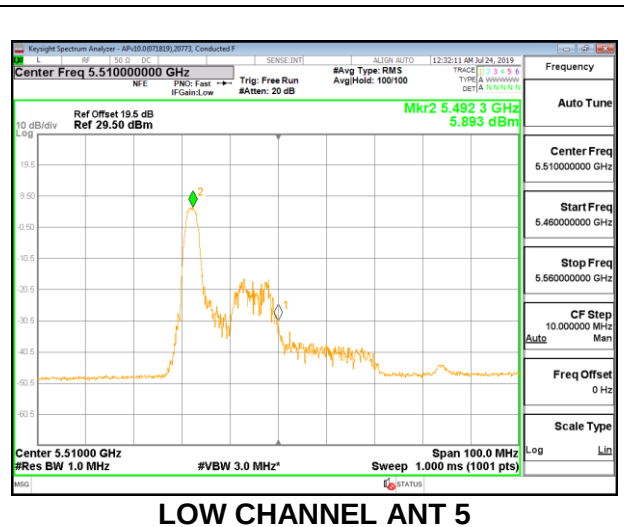
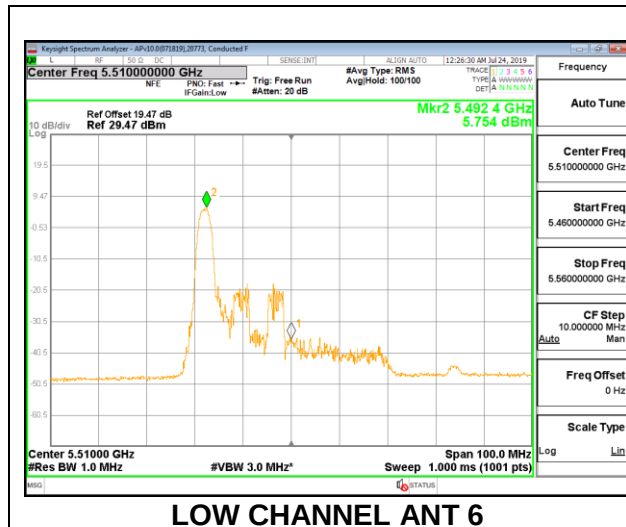
|                           |      |                                                           |
|---------------------------|------|-----------------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd Power &amp; PSD</b> |
|---------------------------|------|-------------------------------------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

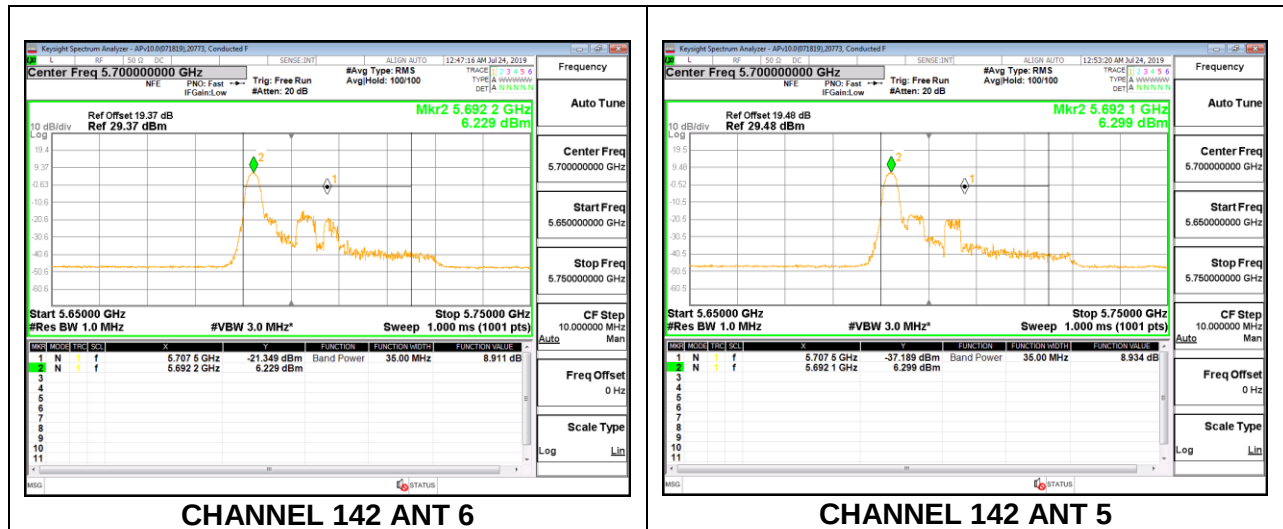
**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<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     | 5510               | 8.77                                | 8.88                                | 11.84                             | 23.67                   | -11.84                  |
| Mid     | 5550               | 8.73                                | 8.79                                | 11.77                             | 23.74                   | -11.97                  |
| High    | 5670               | 8.95                                | 8.88                                | 11.93                             | 23.63                   | -11.70                  |
| 142     | 5710               | 8.71                                | 8.73                                | 11.73                             | 23.61                   | -11.88                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Antenna 5<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     | 5510               | 5.75                                       | 5.89                                       | 8.83                                     | 11.00                          | -2.17                 |
| Mid     | 5550               | 6.27                                       | 5.85                                       | 9.08                                     | 11.00                          | -1.92                 |
| High    | 5670               | 7.53                                       | 7.49                                       | 10.52                                    | 11.00                          | -0.48                 |
| 142     | 5710               | 6.23                                       | 6.30                                       | 9.27                                     | 11.00                          | -1.73                 |





**2TX Antenna 6 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 8**

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<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) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5510               | 22.80                       | 21.2874                   | -3.24                                     | -0.48                                   |
| Mid     | 5550               | 22.40                       | 21.5317                   | -3.24                                     | -0.48                                   |
| High    | 5670               | 22.70                       | 21.6928                   | -3.24                                     | -0.48                                   |
| 142     | 5710               | 21.60                       | 20.9890                   | -3.24                                     | -0.48                                   |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5510               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 11.00                                 | 11.00                                  | 11.00                          |
| Mid     | 5550               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 11.00                                 | 11.00                                  | 11.00                          |
| High    | 5670               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 11.00                                 | 11.00                                  | 11.00                          |
| 142     | 5710               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 11.00                                 | 11.00                                  | 11.00                          |

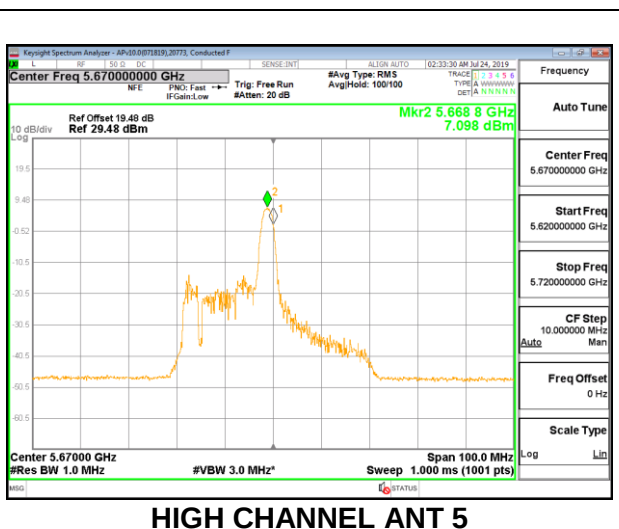
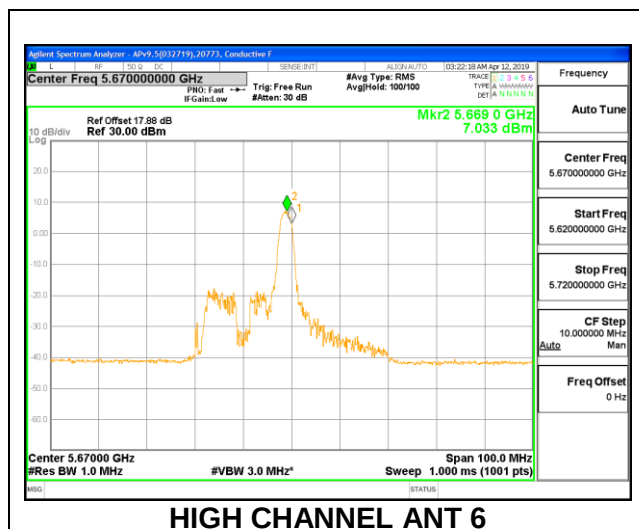
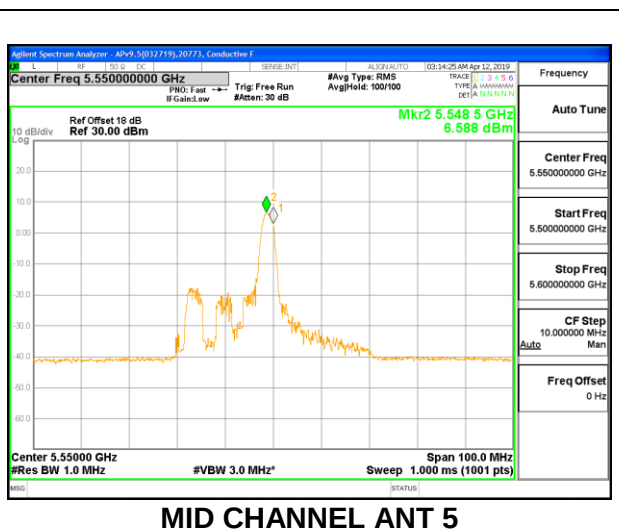
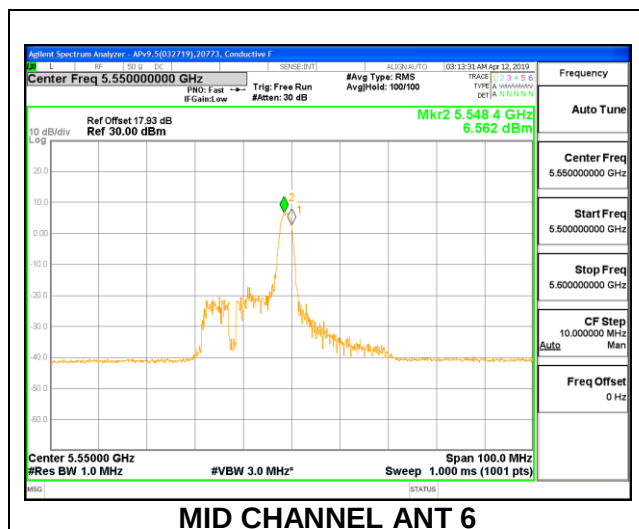
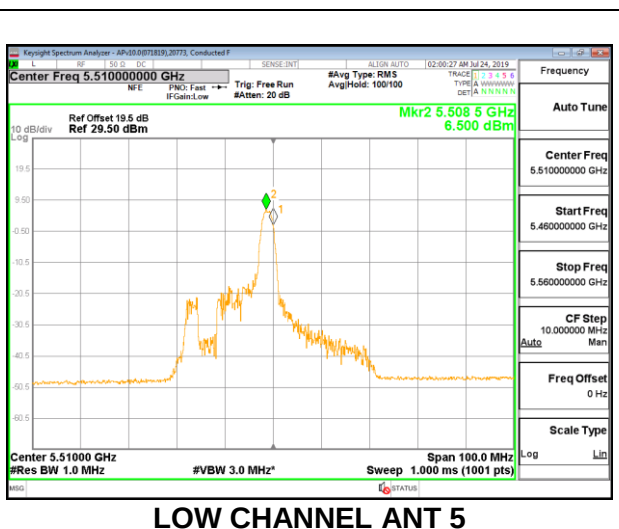
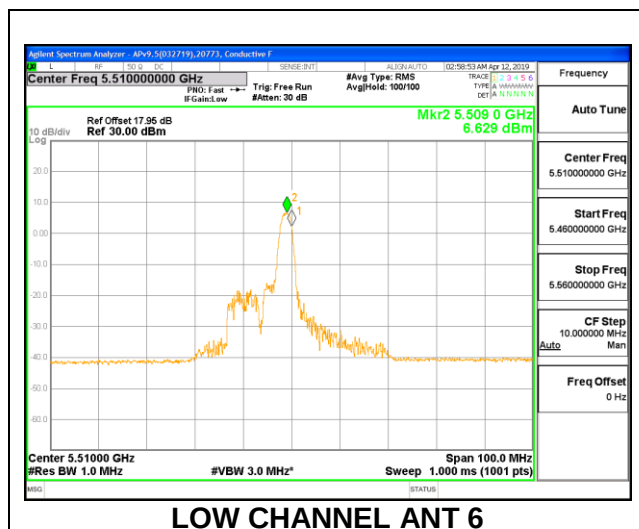
|                           |      |                                                           |
|---------------------------|------|-----------------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd Power &amp; PSD</b> |
|---------------------------|------|-------------------------------------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

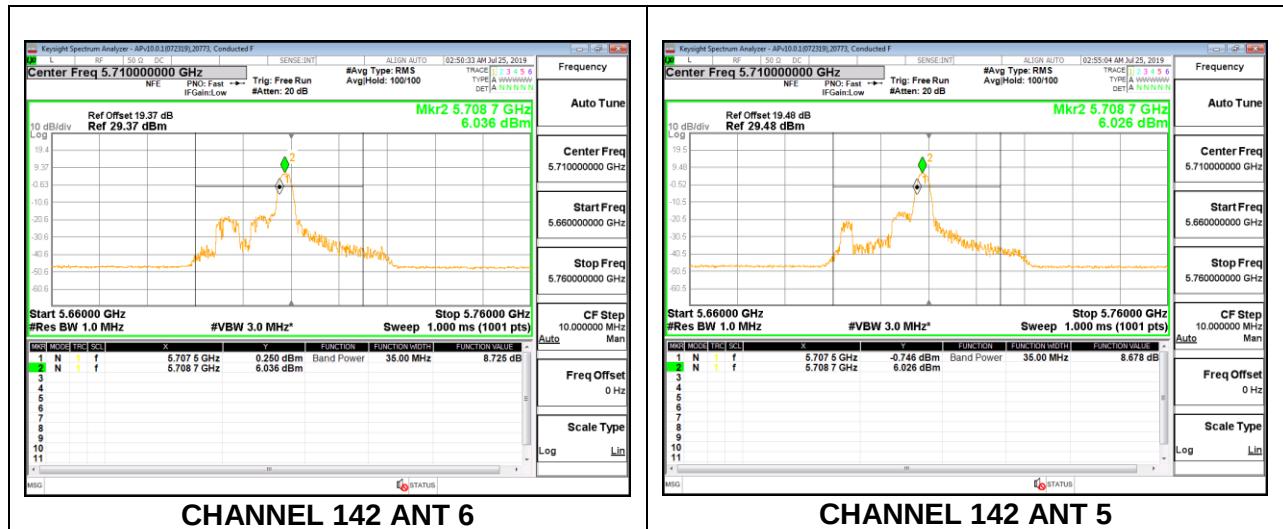
**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<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     | 5510               | 8.93                                | 8.89                                | 11.92                             | 24.00                   | -12.08                  |
| Mid     | 5550               | 8.85                                | 8.90                                | 11.89                             | 24.00                   | -12.11                  |
| High    | 5670               | 8.92                                | 8.93                                | 11.94                             | 24.00                   | -12.06                  |
| 142     | 5710               | 8.73                                | 8.68                                | 11.71                             | 24.00                   | -12.29                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Antenna 5<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     | 5510               | 6.63                                       | 6.50                                       | 9.58                                     | 11.00                          | -1.42                 |
| Mid     | 5550               | 6.56                                       | 6.59                                       | 9.59                                     | 11.00                          | -1.41                 |
| High    | 5670               | 7.03                                       | 7.10                                       | 10.08                                    | 11.00                          | -0.92                 |
| 142     | 5710               | 6.04                                       | 6.03                                       | 9.04                                     | 11.00                          | -1.96                 |





**2TX Antenna 6 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 17**

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<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) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5510               | 20.70                       | 19.70                     | -3.24                                     | -0.48                                   |
| Mid     | 5550               | 20.80                       | 19.80                     | -3.24                                     | -0.48                                   |
| High    | 5670               | 20.60                       | 19.80                     | -3.24                                     | -0.48                                   |
| 142     | 5710               | 19.30                       | 19.30                     | -3.24                                     | -0.48                                   |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5510               | 24.00                          | 23.94                           | 29.94                          | 23.94                   | 11.00                                 | 11.00                                  | 11.00                          |
| Mid     | 5550               | 24.00                          | 23.97                           | 29.97                          | 23.97                   | 11.00                                 | 11.00                                  | 11.00                          |
| High    | 5670               | 24.00                          | 23.97                           | 29.97                          | 23.97                   | 11.00                                 | 11.00                                  | 11.00                          |
| 142     | 5710               | 23.86                          | 23.86                           | 29.86                          | 23.86                   | 11.00                                 | 11.00                                  | 11.00                          |

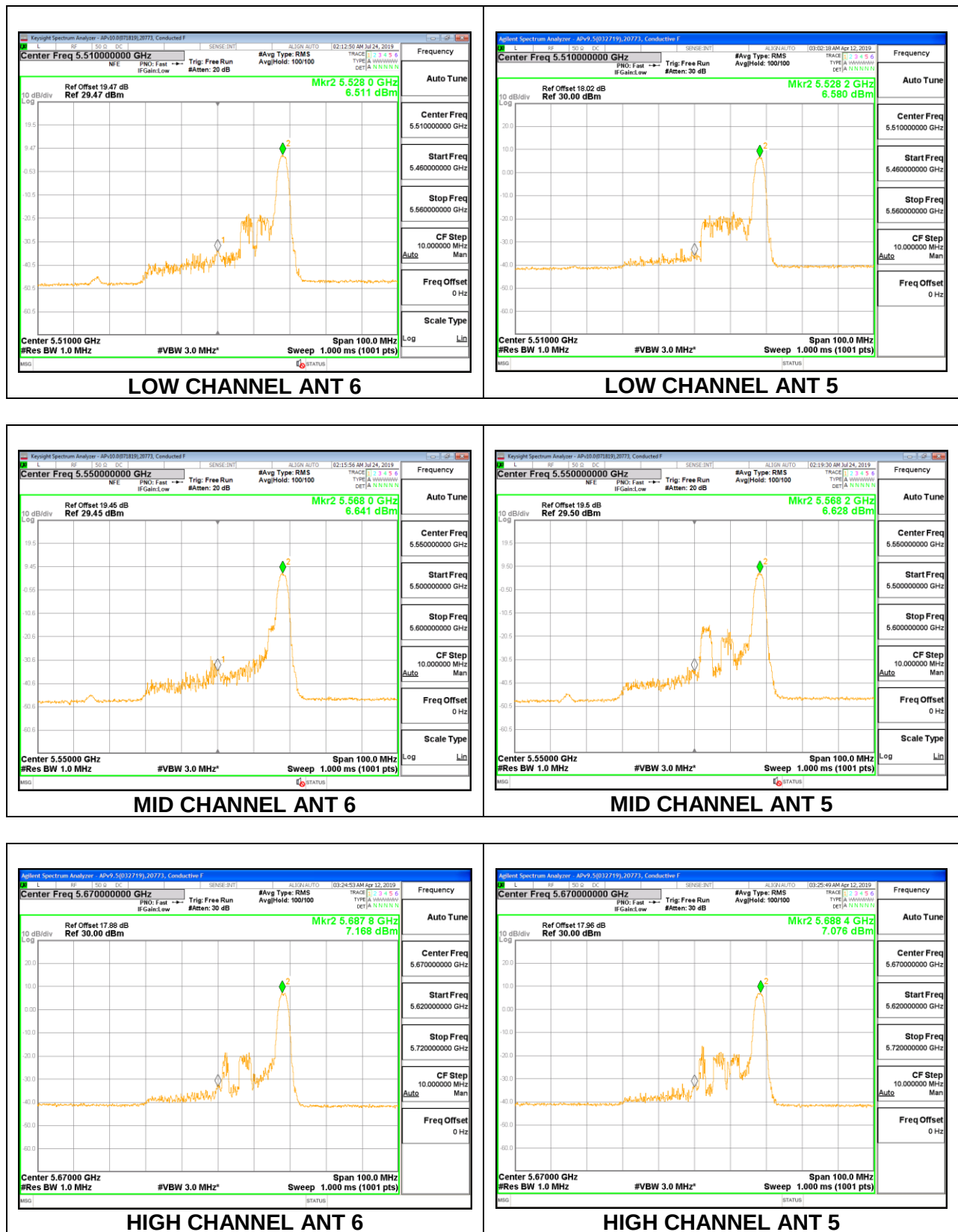
|                           |      |                                                           |
|---------------------------|------|-----------------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd Power &amp; PSD</b> |
|---------------------------|------|-------------------------------------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

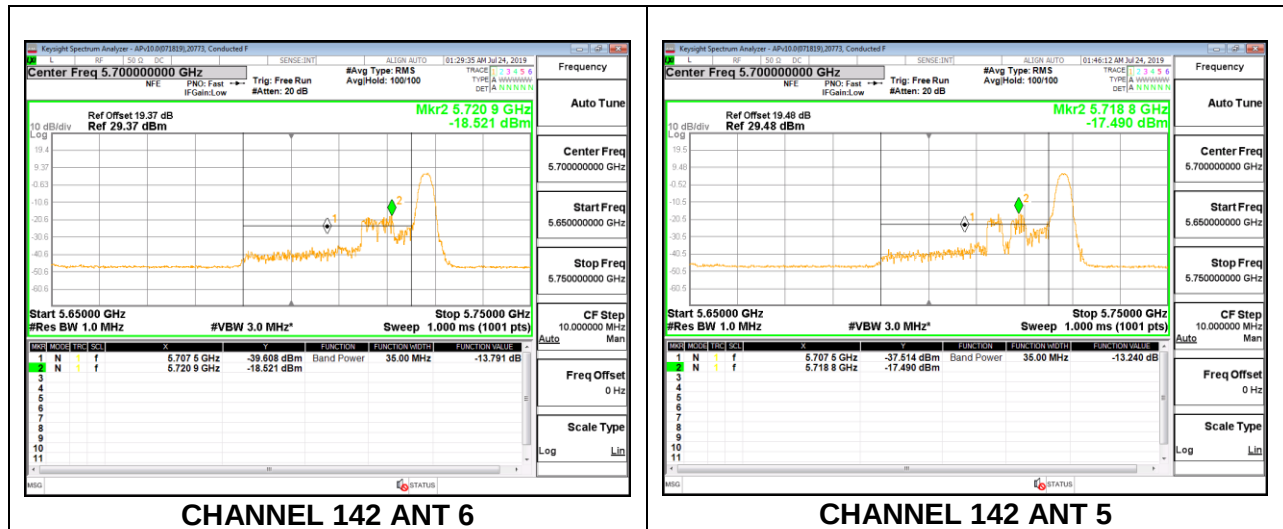
**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<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     | 5510               | 8.87                                | 8.90                                | 11.90                             | 23.94                   | -12.05                  |
| Mid     | 5550               | 8.96                                | 8.95                                | 11.97                             | 23.97                   | -12.00                  |
| High    | 5670               | 8.88                                | 8.86                                | 11.88                             | 23.97                   | -12.09                  |
| 142     | 5710               | 8.68                                | 8.71                                | 11.71                             | 23.86                   | -12.15                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Antenna 5<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     | 5510               | 6.51                                       | 6.58                                       | 9.56                                     | 11.00                          | -1.44                 |
| Mid     | 5550               | 6.64                                       | 6.63                                       | 9.64                                     | 11.00                          | -1.36                 |
| High    | 5670               | 7.17                                       | 7.08                                       | 10.13                                    | 11.00                          | -0.87                 |
| 142     | 5710               | -18.52                                     | -17.49                                     | -14.96                                   | 11.00                          | -25.96                |





## 8.5.18. 802.11ax HE80 MODE IN THE 5.6 GHz BAND

### 1TX Antenna 6 MODE – 996 Tones, RU Index 67

#### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|------------------------------|
| Low     | 5530               | 84.80                       | 77.2800                   | -1.60                        |
| High    | 5610               | 85.20                       | 76.7650                   | -1.60                        |
| 138     | 5690               | 85.40                       | 73.4720                   | -1.60                        |

#### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5530               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 11.00                                 | 11.00                                  | 11.00                          |
| High    | 5610               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 11.00                                 | 11.00                                  | 11.00                          |
| 138     | 5690               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 11.00                                 | 11.00                                  | 11.00                          |

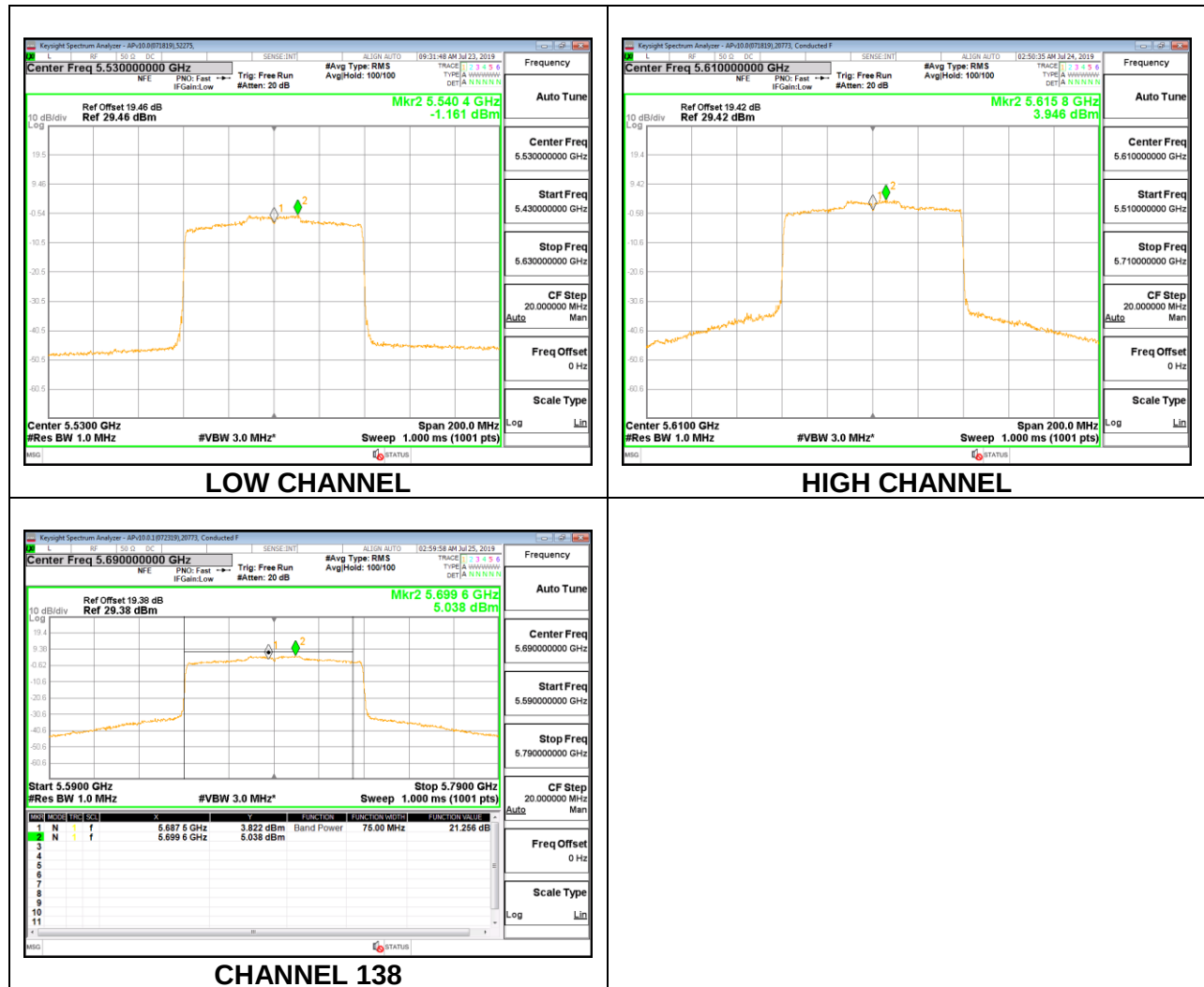
|                    |      |                                                |
|--------------------|------|------------------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd Power & PSD |
|--------------------|------|------------------------------------------------|

#### Output Power Results

| Channel | Frequency<br>(MHz) | Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5530               | 14.83                  | 14.83                             | 24.00                   | -9.17                   |
| High    | 5610               | 19.89                  | 19.89                             | 24.00                   | -4.11                   |
| 138     | 5690               | 21.25                  | 21.25                             | 24.00                   | -2.75                   |

#### PSD Results

| Channel | Frequency<br>(MHz) | 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     | 5530               | -1.16                         | -1.16                                    | 11.00                          | -12.16                |
| High    | 5610               | 3.95                          | 3.95                                     | 11.00                          | -7.05                 |
| 138     | 5690               | 5.04                          | 5.04                                     | 11.00                          | -5.96                 |



**1TX Antenna 6 MODE – 26 Tones, RU Index 0**

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|------------------------------|
| Low     | 5530               | 20.40                       | 18.2090                   | -1.60                        |
| High    | 5610               | 20.20                       | 18.1590                   | -1.60                        |
| 138     | 5690               | 19.80                       | 18.0530                   | -1.60                        |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5530               | 24.00                          | 23.60                           | 29.60                          | 23.60                   | 11.00                                 | 11.00                                  | 11.00                          |
| High    | 5610               | 24.00                          | 23.59                           | 29.59                          | 23.59                   | 11.00                                 | 11.00                                  | 11.00                          |
| 138     | 5690               | 23.97                          | 23.57                           | 29.57                          | 23.57                   | 11.00                                 | 11.00                                  | 11.00                          |

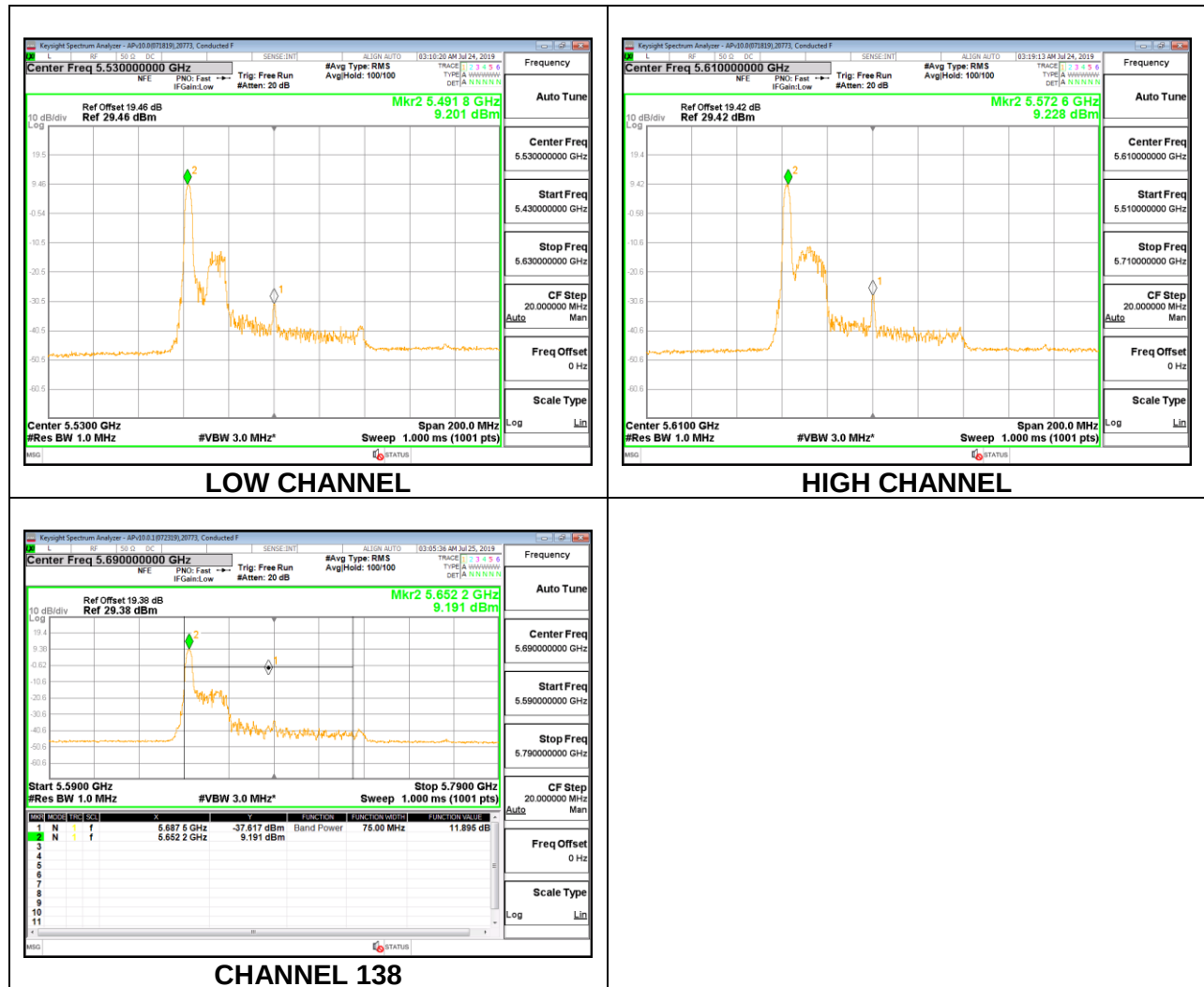
|                           |      |                                                |
|---------------------------|------|------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | Included in Calculations of Corr'd Power & PSD |
|---------------------------|------|------------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5530               | 11.94                  | 11.94                             | 23.60                   | -11.66                  |
| High    | 5610               | 11.92                  | 11.92                             | 23.59                   | -11.67                  |
| 138     | 5690               | 11.70                  | 11.70                             | 23.57                   | -11.87                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | 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     | 5530               | 9.20                          | 9.20                                     | 11.00                          | -1.80                 |
| High    | 5610               | 9.23                          | 9.23                                     | 11.00                          | -1.77                 |
| 138     | 5690               | 9.19                          | 9.19                                     | 11.00                          | -1.81                 |



**1TX Antenna 6 MODE – 26 Tones, RU Index 18**

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|------------------------------|
| Low     | 5530               | 37.80                       | 36.3610                   | -1.60                        |
| High    | 5610               | 39.40                       | 36.8590                   | -1.60                        |
| 138     | 5690               | 39.80                       | 53.4205                   | -1.60                        |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5530               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 11.00                                 | 11.00                                  | 11.00                          |
| High    | 5610               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 11.00                                 | 11.00                                  | 11.00                          |
| 138     | 5690               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 11.00                                 | 11.00                                  | 11.00                          |

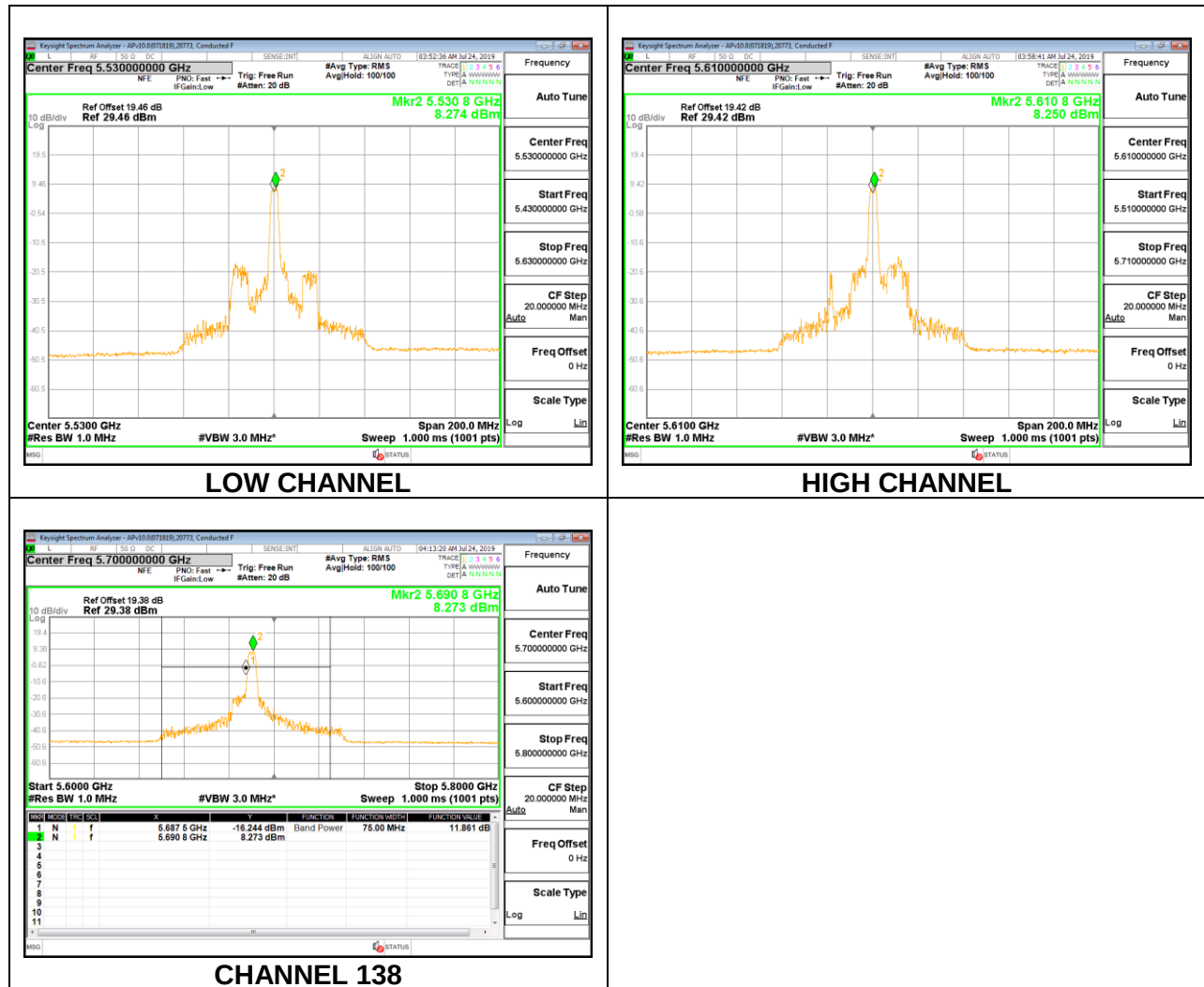
|                           |      |                                                |
|---------------------------|------|------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | Included in Calculations of Corr'd Power & PSD |
|---------------------------|------|------------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5530               | 11.89                  | 11.89                             | 24.00                   | -12.11                  |
| High    | 5610               | 11.90                  | 11.90                             | 24.00                   | -12.10                  |
| 138     | 5690               | 11.74                  | 11.74                             | 24.00                   | -12.26                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | 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     | 5530               | 8.27                          | 8.27                                     | 11.00                          | -2.73                 |
| High    | 5610               | 8.25                          | 8.25                                     | 11.00                          | -2.75                 |
| 138     | 5690               | 8.27                          | 8.27                                     | 11.00                          | -2.73                 |



**1TX Antenna 6 MODE – 26 Tones, RU Index 36**

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|------------------------------|
| Low     | 5530               | 20.80                       | 18.2490                   | -1.60                        |
| High    | 5610               | 20.80                       | 18.2820                   | -1.60                        |
| 138     | 5690               | 20.60                       | 18.4050                   | -1.60                        |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5530               | 24.00                          | 23.61                           | 29.61                          | 23.61                   | 11.00                                 | 11.00                                  | 11.00                          |
| High    | 5610               | 24.00                          | 23.62                           | 29.62                          | 23.62                   | 11.00                                 | 11.00                                  | 11.00                          |
| 138     | 5690               | 24.00                          | 23.65                           | 29.65                          | 23.65                   | 11.00                                 | 11.00                                  | 11.00                          |

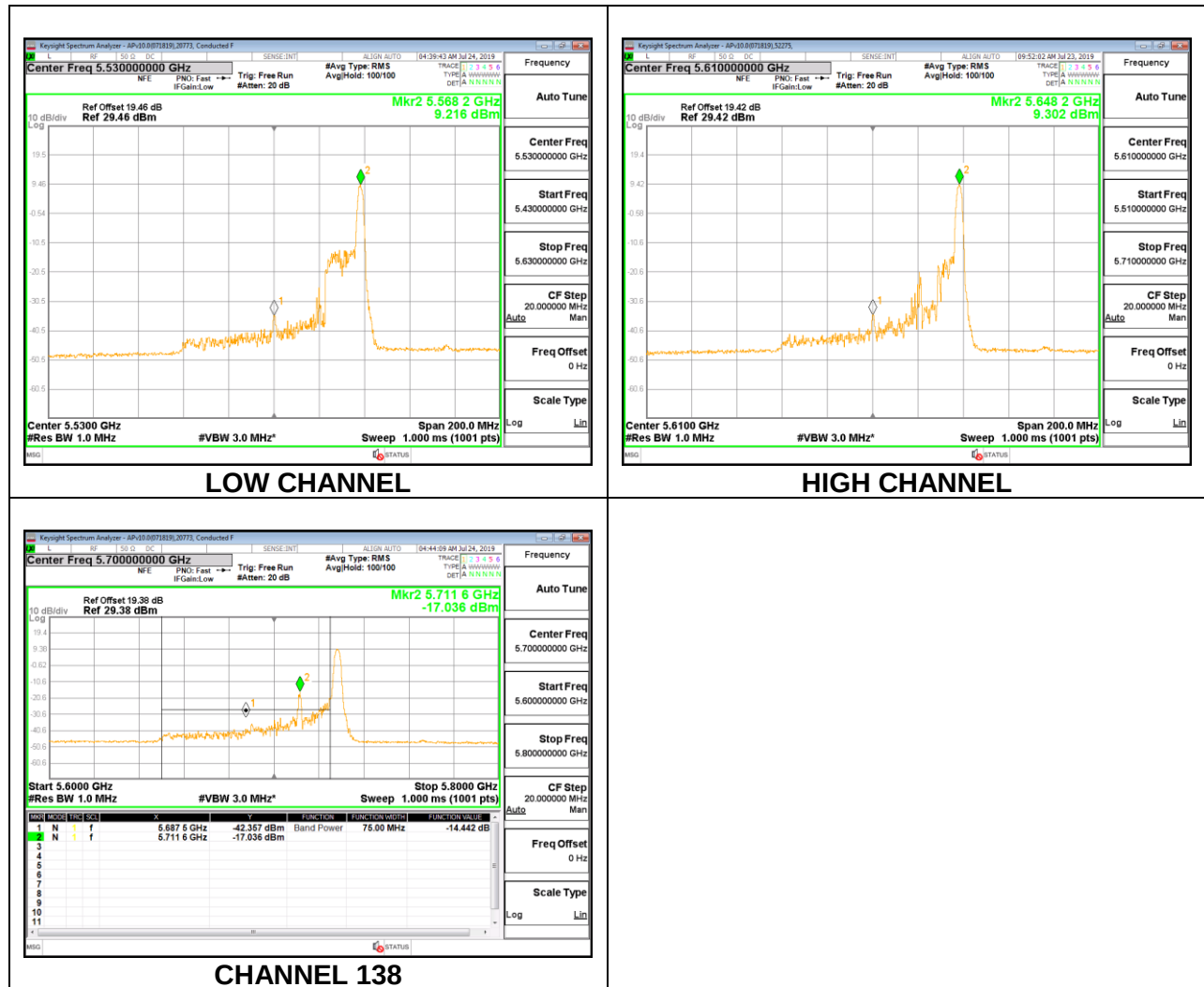
|                           |      |                                                |
|---------------------------|------|------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | Included in Calculations of Corr'd Power & PSD |
|---------------------------|------|------------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5530               | 11.90                  | 11.90                             | 23.61                   | -11.71                  |
| High    | 5610               | 11.92                  | 11.92                             | 23.62                   | -11.70                  |
| 138     | 5690               | 11.72                  | 11.72                             | 23.65                   | -11.93                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | 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     | 5530               | 9.22                          | 9.22                                     | 11.00                          | -1.78                 |
| High    | 5610               | 9.30                          | 9.30                                     | 11.00                          | -1.70                 |
| 138     | 5690               | -17.04                        | -17.04                                   | 11.00                          | -28.04                |



**1TX Antenna 5 MODE – 996 Tones, RU Index 67**

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|------------------------------|
| Low     | 5530               | 86.40                       | 76.8950                   | -5.90                        |
| High    | 5610               | 85.20                       | 77.1840                   | -5.90                        |
| 138     | 5690               | 82.60                       | 73.6850                   | -5.90                        |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5530               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 11.00                                 | 11.00                                  | 11.00                          |
| High    | 5610               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 11.00                                 | 11.00                                  | 11.00                          |
| 138     | 5690               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 11.00                                 | 11.00                                  | 11.00                          |

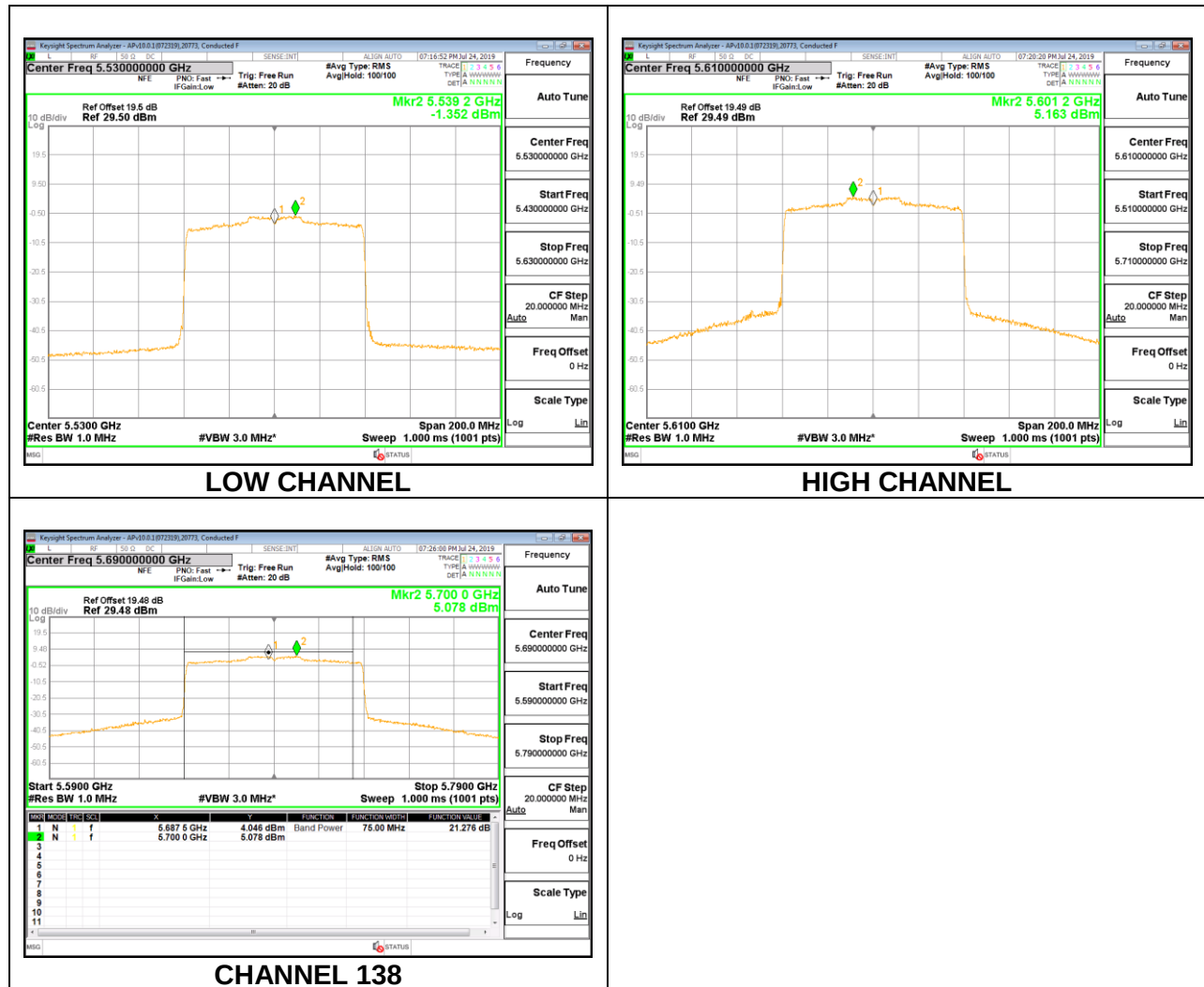
|                           |      |                                                           |
|---------------------------|------|-----------------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.19 | <b>Included in Calculations of Corr'd Power &amp; PSD</b> |
|---------------------------|------|-----------------------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5530               | 14.91                  | 14.91                             | 24.00                   | -9.09                   |
| High    | 5610               | 21.38                  | 21.38                             | 24.00                   | -2.62                   |
| 138     | 5690               | 21.23                  | 21.23                             | 24.00                   | -2.77                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | 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     | 5530               | -1.35                         | -1.16                                    | 11.00                          | -12.16                |
| High    | 5610               | 5.16                          | 5.35                                     | 11.00                          | -5.65                 |
| 138     | 5690               | 5.08                          | 5.27                                     | 11.00                          | -5.73                 |



**1TX Antenna 5 MODE – 26 Tones, RU Index 0**

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|------------------------------|
| Low     | 5530               | 19.40                       | 18.1290                   | -5.90                        |
| High    | 5610               | 20.20                       | 18.1270                   | -5.90                        |
| 138     | 5690               | 20.00                       | 18.1070                   | -5.90                        |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5530               | 23.88                          | 23.58                           | 29.58                          | 23.58                   | 11.00                                 | 11.00                                  | 11.00                          |
| High    | 5610               | 24.00                          | 23.58                           | 29.58                          | 23.58                   | 11.00                                 | 11.00                                  | 11.00                          |
| 138     | 5690               | 24.00                          | 23.58                           | 29.58                          | 23.58                   | 11.00                                 | 11.00                                  | 11.00                          |

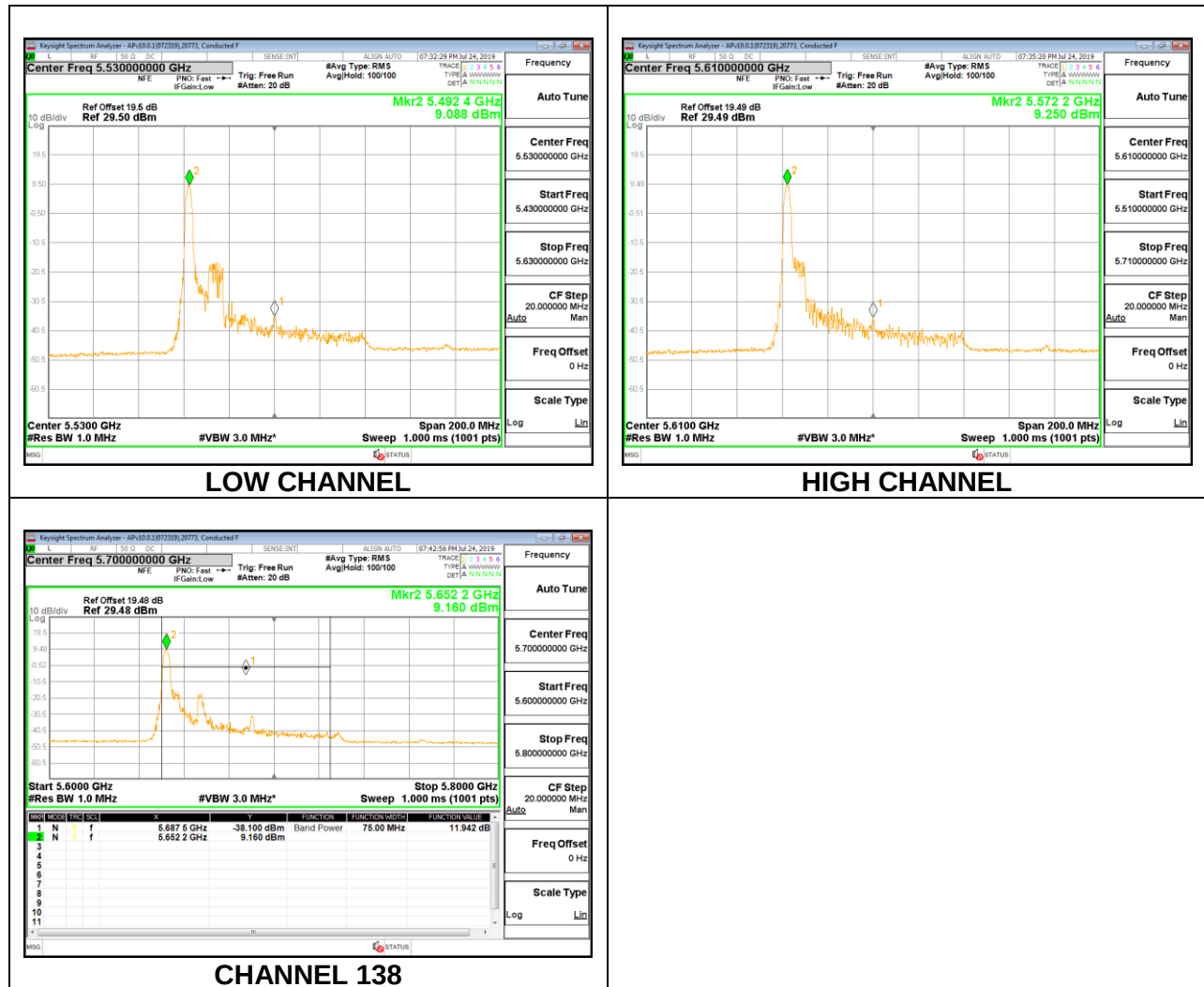
|                           |      |                                                |
|---------------------------|------|------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | Included in Calculations of Corr'd Power & PSD |
|---------------------------|------|------------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5530               | 11.93                  | 11.93                             | 23.58                   | -11.65                  |
| High    | 5610               | 11.95                  | 11.95                             | 23.58                   | -11.63                  |
| 138     | 5690               | 11.74                  | 11.74                             | 23.58                   | -11.84                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | 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     | 5530               | 9.09                          | 9.09                                     | 11.00                          | -1.91                 |
| High    | 5610               | 9.25                          | 9.25                                     | 11.00                          | -1.75                 |
| 138     | 5690               | 9.16                          | 9.16                                     | 11.00                          | -1.84                 |



**1TX Antenna 5 MODE – 26 Tones, RU Index 18**

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|------------------------------|
| Low     | 5530               | 38.40                       | 36.0210                   | -5.90                        |
| High    | 5610               | 40.20                       | 36.8870                   | -5.90                        |
| 138     | 5690               | 40.20                       | 44.4620                   | -5.90                        |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5530               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 11.00                                 | 11.00                                  | 11.00                          |
| High    | 5610               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 11.00                                 | 11.00                                  | 11.00                          |
| 138     | 5690               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 11.00                                 | 11.00                                  | 11.00                          |

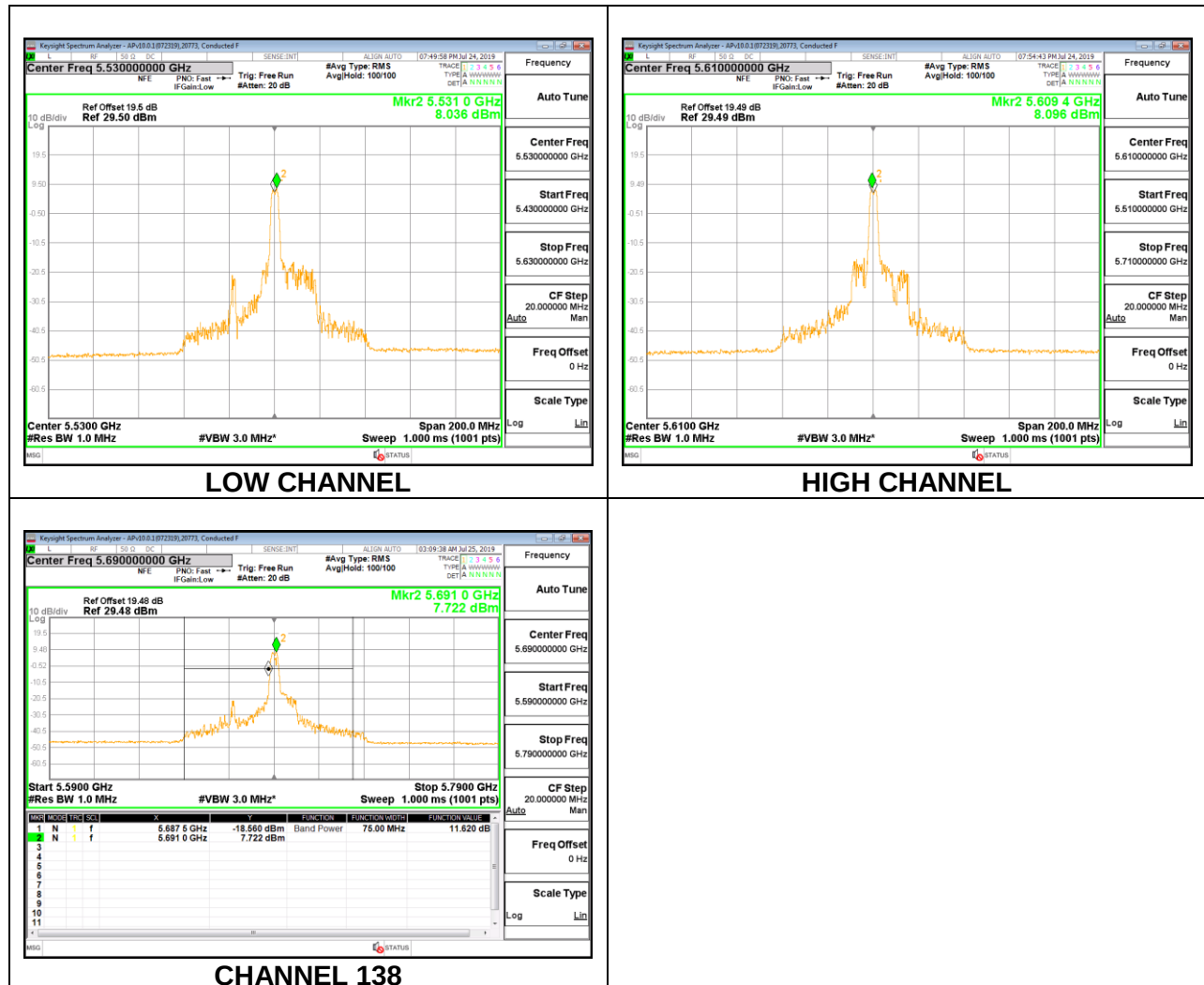
|                           |      |                                                |
|---------------------------|------|------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.19 | Included in Calculations of Corr'd Power & PSD |
|---------------------------|------|------------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5530               | 11.91                  | 11.91                             | 24.00                   | -12.09                  |
| High    | 5610               | 11.94                  | 11.94                             | 24.00                   | -12.06                  |
| 138     | 5690               | 11.62                  | 11.62                             | 24.00                   | -12.38                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | 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     | 5530               | 8.04                          | 8.23                                     | 11.00                          | -2.77                 |
| High    | 5610               | 8.10                          | 8.29                                     | 11.00                          | -2.71                 |
| 138     | 5690               | 7.72                          | 7.91                                     | 11.00                          | -3.09                 |



**1TX Antenna 5 MODE – 26 Tones, RU Index 36**

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|------------------------------|
| Low     | 5530               | 20.40                       | 18.3060                   | -5.90                        |
| High    | 5610               | 20.40                       | 18.3940                   | -5.90                        |
| 138     | 5690               | 21.00                       | 18.4050                   | -5.90                        |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5530               | 24.00                          | 23.63                           | 29.63                          | 23.63                   | 11.00                                 | 11.00                                  | 11.00                          |
| High    | 5610               | 24.00                          | 23.65                           | 29.65                          | 23.65                   | 11.00                                 | 11.00                                  | 11.00                          |
| 138     | 5690               | 24.00                          | 23.65                           | 29.65                          | 23.65                   | 11.00                                 | 11.00                                  | 11.00                          |

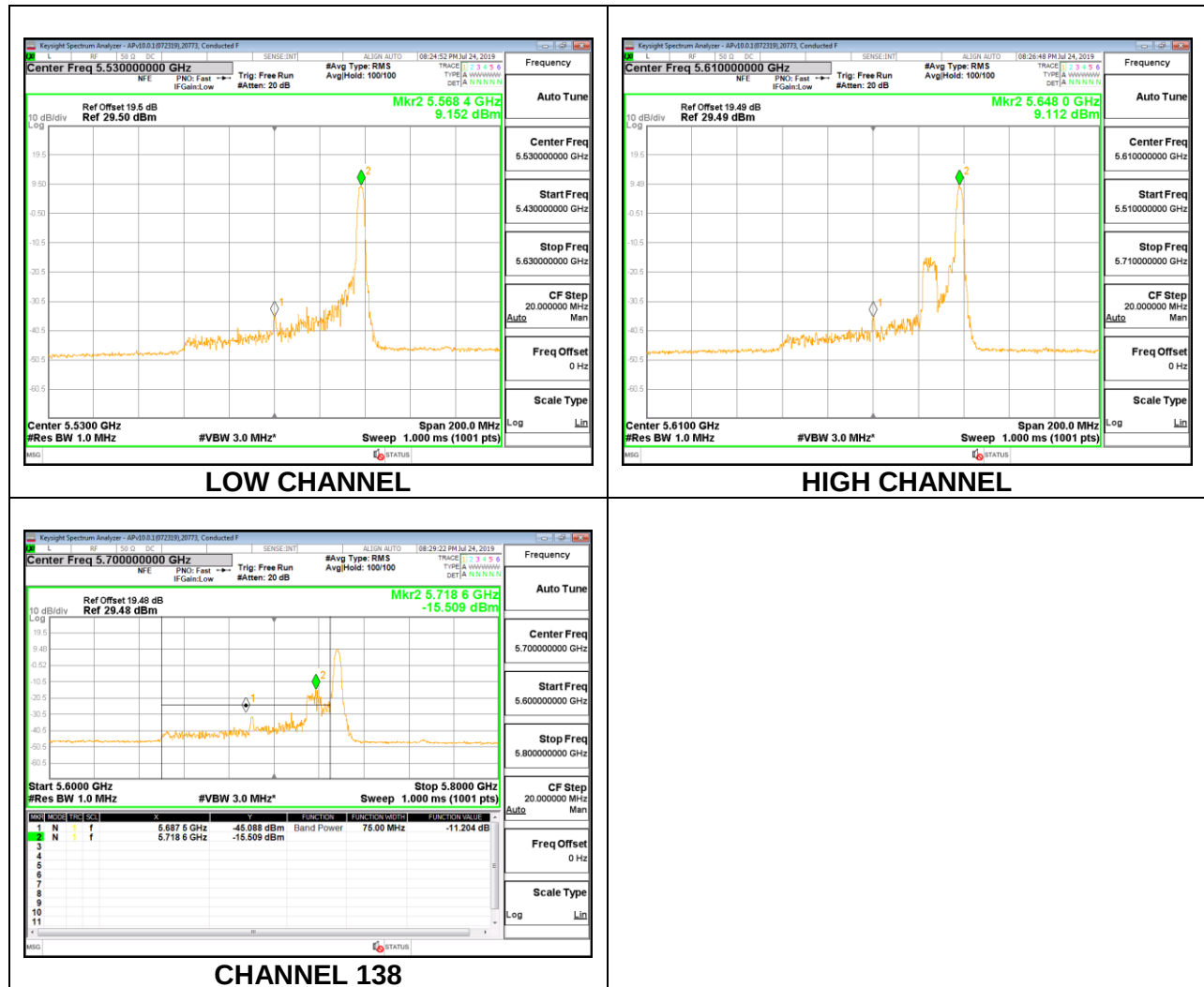
|                           |      |                                                |
|---------------------------|------|------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.19 | Included in Calculations of Corr'd Power & PSD |
|---------------------------|------|------------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5530               | 11.90                  | 11.90                             | 23.63                   | -11.73                  |
| High    | 5610               | 11.93                  | 11.93                             | 23.65                   | -11.72                  |
| 138     | 5690               | 11.73                  | 11.73                             | 23.65                   | -11.92                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | 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     | 5530               | 9.15                          | 9.34                                     | 11.00                          | -1.66                 |
| High    | 5610               | 9.11                          | 9.30                                     | 11.00                          | -1.70                 |
| 138     | 5690               | -15.51                        | -15.32                                   | 11.00                          | -26.32                |



**2TX Antenna 6 + Antenna 5 OFDMA MODE – 996 Tones, RU Index 67**

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<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) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5530               | 84.00                       | 77.0060                   | -3.24                                     | -0.48                                   |
| High    | 5610               | 85.00                       | 77.0110                   | -3.24                                     | -0.48                                   |
| 138     | 5690               | 83.00                       | 73.5315                   | -3.24                                     | -0.48                                   |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5530               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 11.00                                 | 11.00                                  | 11.00                          |
| High    | 5610               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 11.00                                 | 11.00                                  | 11.00                          |
| 138     | 5690               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 11.00                                 | 11.00                                  | 11.00                          |

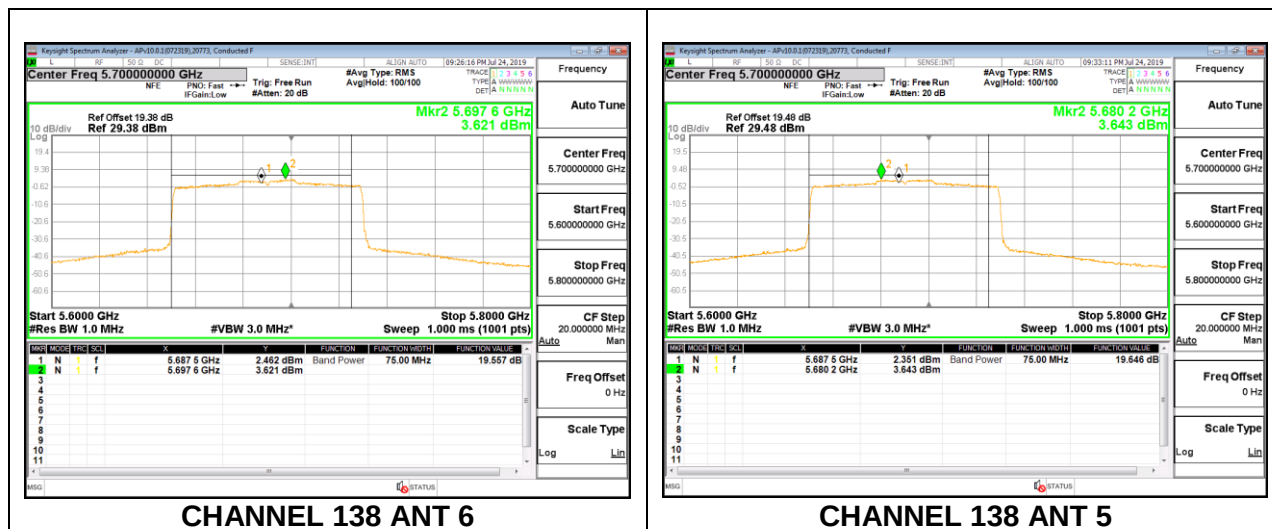
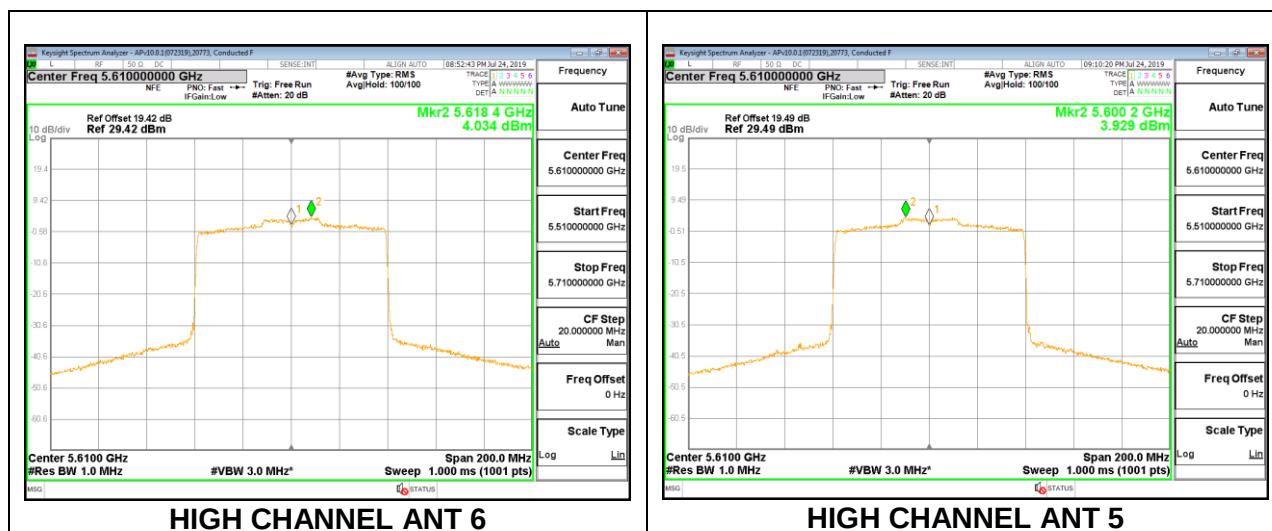
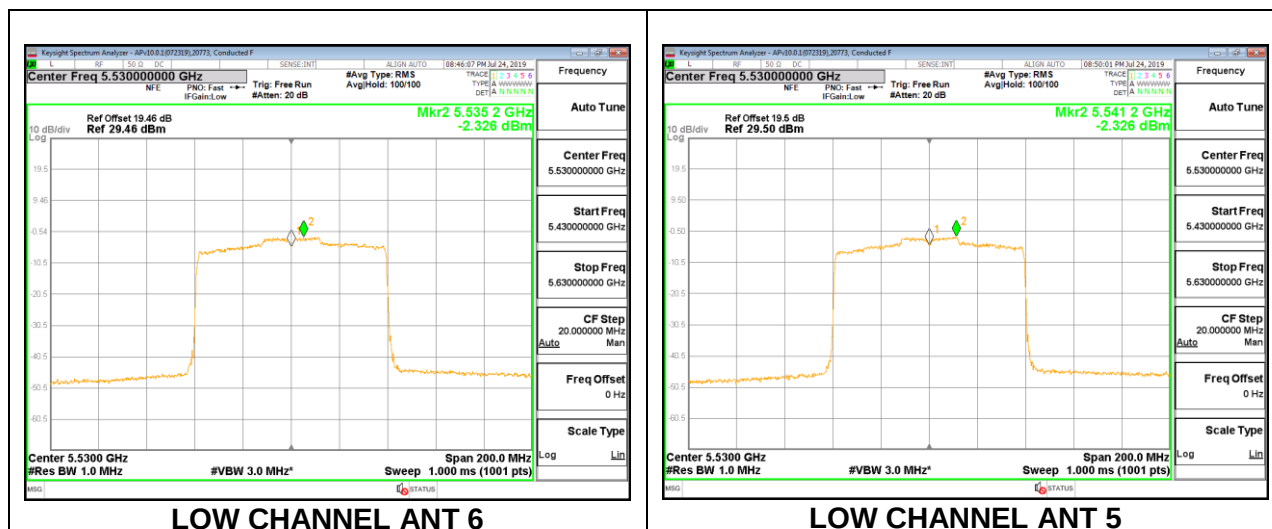
|                           |      |                                                           |
|---------------------------|------|-----------------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.19 | <b>Included in Calculations of Corr'd Power &amp; PSD</b> |
|---------------------------|------|-----------------------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<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     | 5530               | 13.92                               | 13.86                               | 16.90                             | 24.00                   | -7.10                   |
| High    | 5610               | 19.88                               | 19.85                               | 22.88                             | 24.00                   | -1.12                   |
| 138     | 5690               | 19.65                               | 19.75                               | 22.90                             | 24.00                   | -1.10                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Antenna 5<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     | 5530               | -2.33                                      | -2.33                                      | 0.87                                     | 11.00                          | -10.13                |
| High    | 5610               | 4.03                                       | 3.93                                       | 7.18                                     | 11.00                          | -3.82                 |
| 138     | 5690               | 3.62                                       | 3.64                                       | 6.83                                     | 11.00                          | -4.17                 |



**2TX Antenna 6 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 0**

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<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) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5530               | 19.80                       | 18.0900                   | -3.24                                     | -0.48                                   |
| High    | 5610               | 20.00                       | 18.1210                   | -3.24                                     | -0.48                                   |
| 138     | 5690               | 19.60                       | 18.1860                   | -3.24                                     | -0.48                                   |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5530               | 23.97                          | 23.57                           | 29.57                          | 23.57                   | 11.00                                 | 11.00                                  | 11.00                          |
| High    | 5610               | 24.00                          | 23.58                           | 29.58                          | 23.58                   | 11.00                                 | 11.00                                  | 11.00                          |
| 138     | 5690               | 23.92                          | 23.60                           | 29.60                          | 23.60                   | 11.00                                 | 11.00                                  | 11.00                          |

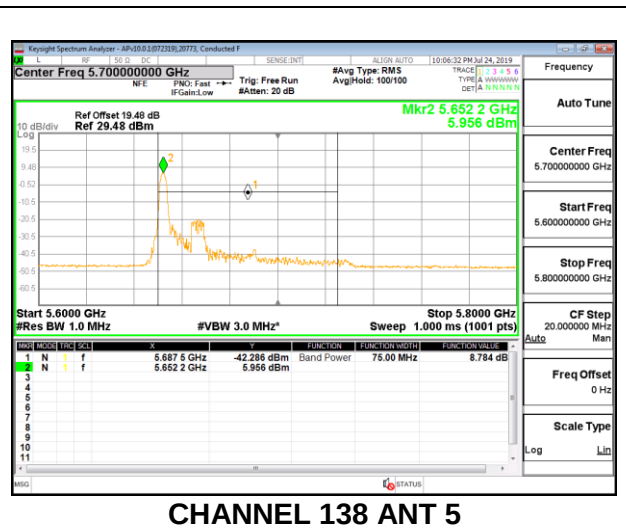
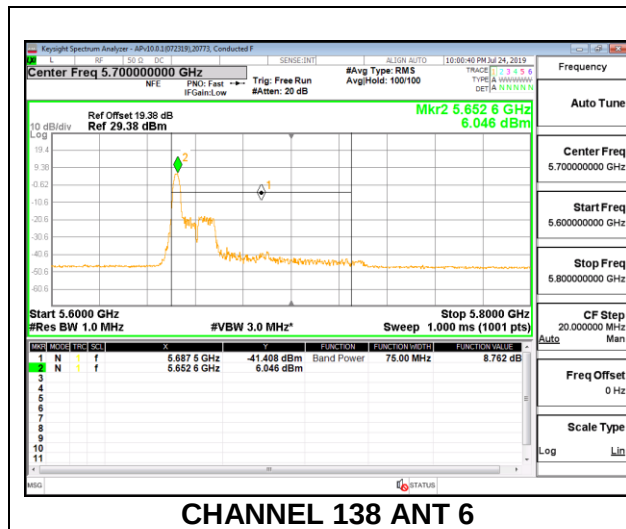
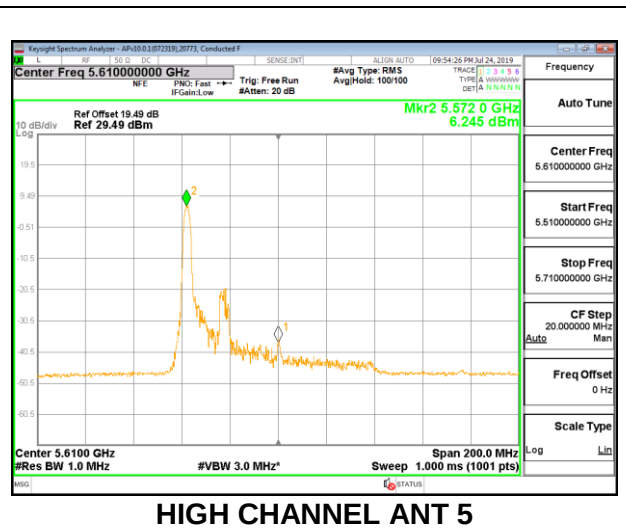
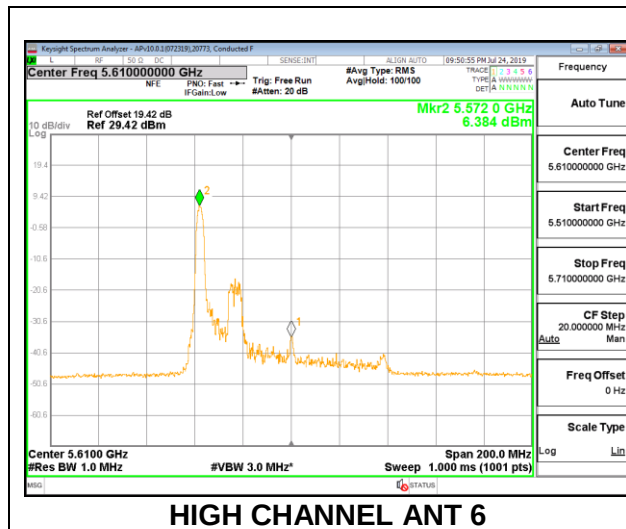
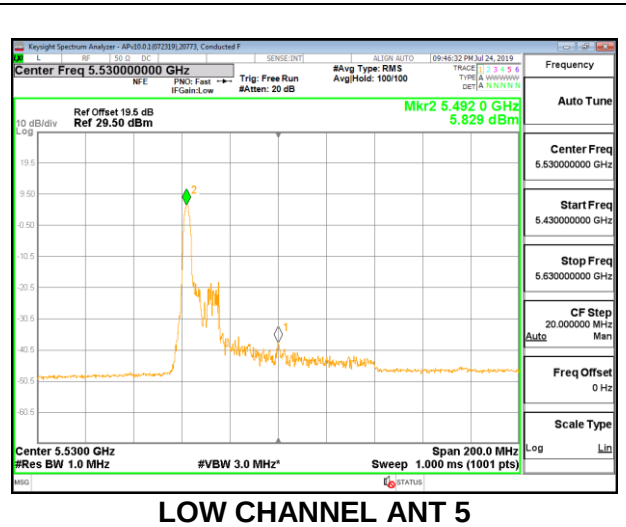
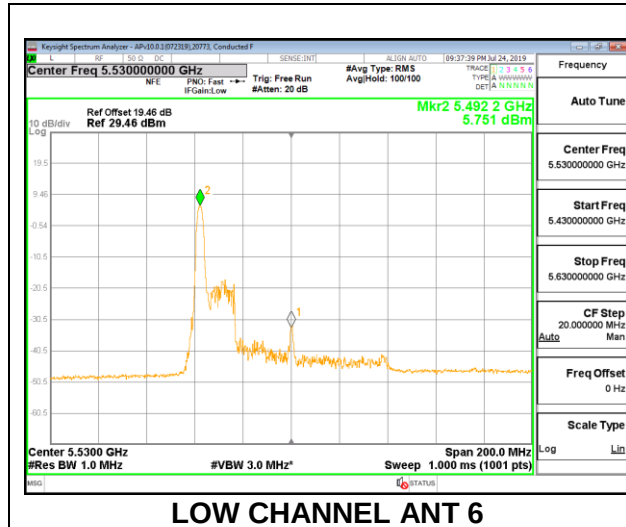
|                           |      |                                                |
|---------------------------|------|------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | Included in Calculations of Corr'd Power & PSD |
|---------------------------|------|------------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<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     | 5530               | 8.86                                | 8.90                                | 11.89                             | 23.57                   | -11.68                  |
| High    | 5610               | 8.84                                | 8.10                                | 11.50                             | 23.58                   | -12.09                  |
| 138     | 5690               | 8.73                                | 8.75                                | 11.75                             | 23.60                   | -11.85                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Antenna 5<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     | 5530               | 5.75                                       | 5.83                                       | 8.80                                     | 11.00                          | -2.20                 |
| High    | 5610               | 6.38                                       | 6.25                                       | 9.33                                     | 11.00                          | -1.67                 |
| 138     | 5690               | 6.05                                       | 5.96                                       | 9.01                                     | 11.00                          | -1.99                 |



**2TX Antenna 6 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 18**

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<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) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5530               | 38.40                       | 36.2740                   | -3.24                                     | -0.48                                   |
| High    | 5610               | 37.60                       | 36.5290                   | -3.24                                     | -0.48                                   |
| 138     | 5690               | 37.20                       | 52.3465                   | -3.24                                     | -0.48                                   |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5530               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 11.00                                 | 11.00                                  | 11.00                          |
| High    | 5610               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 11.00                                 | 11.00                                  | 11.00                          |
| 138     | 5690               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 11.00                                 | 11.00                                  | 11.00                          |

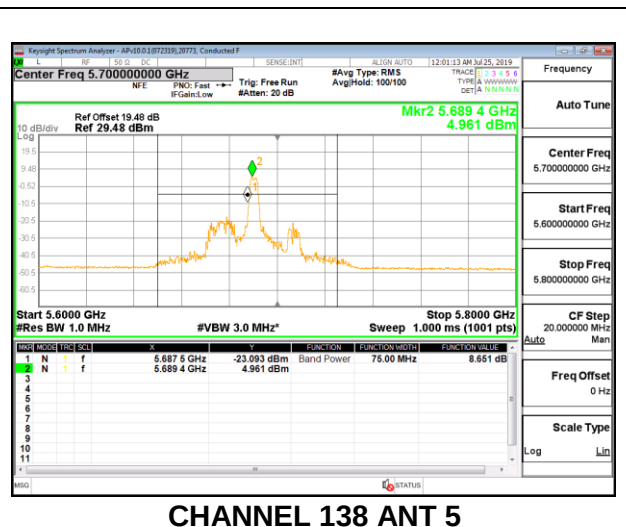
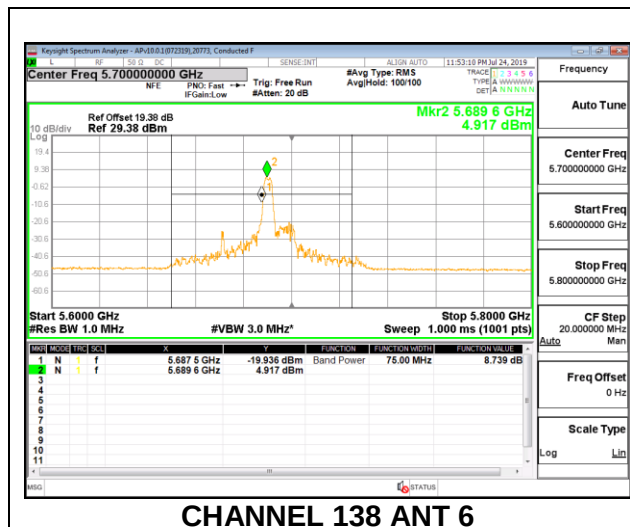
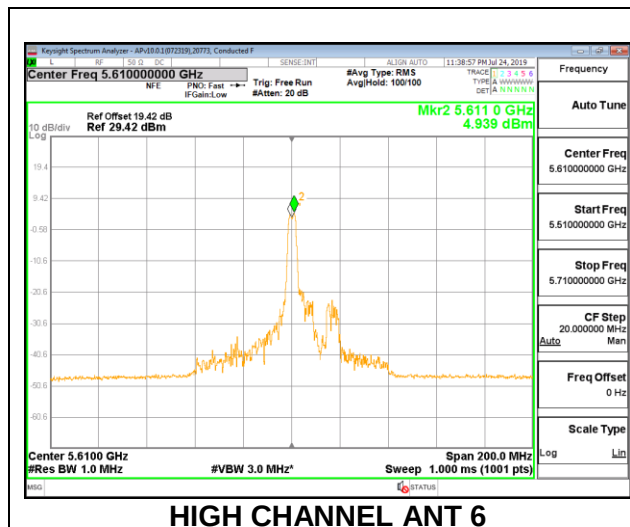
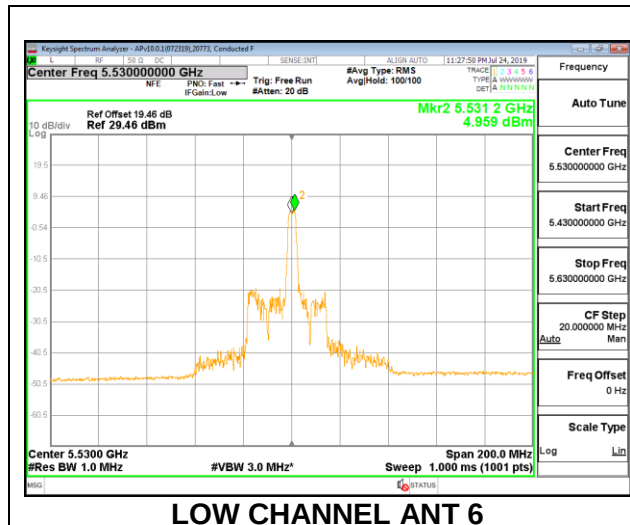
|                           |      |                                                           |
|---------------------------|------|-----------------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd Power &amp; PSD</b> |
|---------------------------|------|-------------------------------------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

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<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     | 5530               | 8.88                                | 8.92                                | 11.91                             | 24.00                   | -12.09                  |
| High    | 5610               | 8.92                                | 8.90                                | 11.92                             | 24.00                   | -12.08                  |
| 138     | 5690               | 8.74                                | 8.65                                | 11.71                             | 24.00                   | -12.29                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Antenna 5<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     | 5530               | 4.96                                       | 4.96                                       | 7.97                                     | 11.00                          | -3.03                 |
| High    | 5610               | 4.94                                       | 4.98                                       | 7.97                                     | 11.00                          | -3.03                 |
| 138     | 5690               | 4.92                                       | 4.96                                       | 7.95                                     | 11.00                          | -3.05                 |



**2TX Antenna 6 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 36**

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<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) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5530               | 20.60                       | 18.0170                   | -3.24                                     | -0.48                                   |
| High    | 5610               | 20.40                       | 18.0010                   | -3.24                                     | -0.48                                   |
| 138     | 5690               | 20.20                       | 18.0540                   | -3.24                                     | -0.48                                   |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5530               | 24.00                          | 23.56                           | 29.56                          | 23.56                   | 11.00                                 | 11.00                                  | 11.00                          |
| High    | 5610               | 24.00                          | 23.55                           | 29.55                          | 23.55                   | 11.00                                 | 11.00                                  | 11.00                          |
| 138     | 5690               | 24.00                          | 23.57                           | 29.57                          | 23.57                   | 11.00                                 | 11.00                                  | 11.00                          |

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

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<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     | 5530               | 8.85                                | 8.88                                | 11.88                             | 23.56                   | -11.68                  |
| High    | 5610               | 8.88                                | 8.83                                | 11.87                             | 23.55                   | -11.69                  |
| 138     | 5690               | 8.69                                | 8.66                                | 11.69                             | 23.57                   | -11.88                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Antenna 5<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     | 5530               | 6.13                                       | 6.17                                       | 9.16                                     | 11.00                          | -1.84                 |
| High    | 5610               | 6.10                                       | 6.15                                       | 9.13                                     | 11.00                          | -1.87                 |
| 138     | 5690               | -20.20                                     | -16.64                                     | -15.06                                   | 11.00                          | -26.06                |