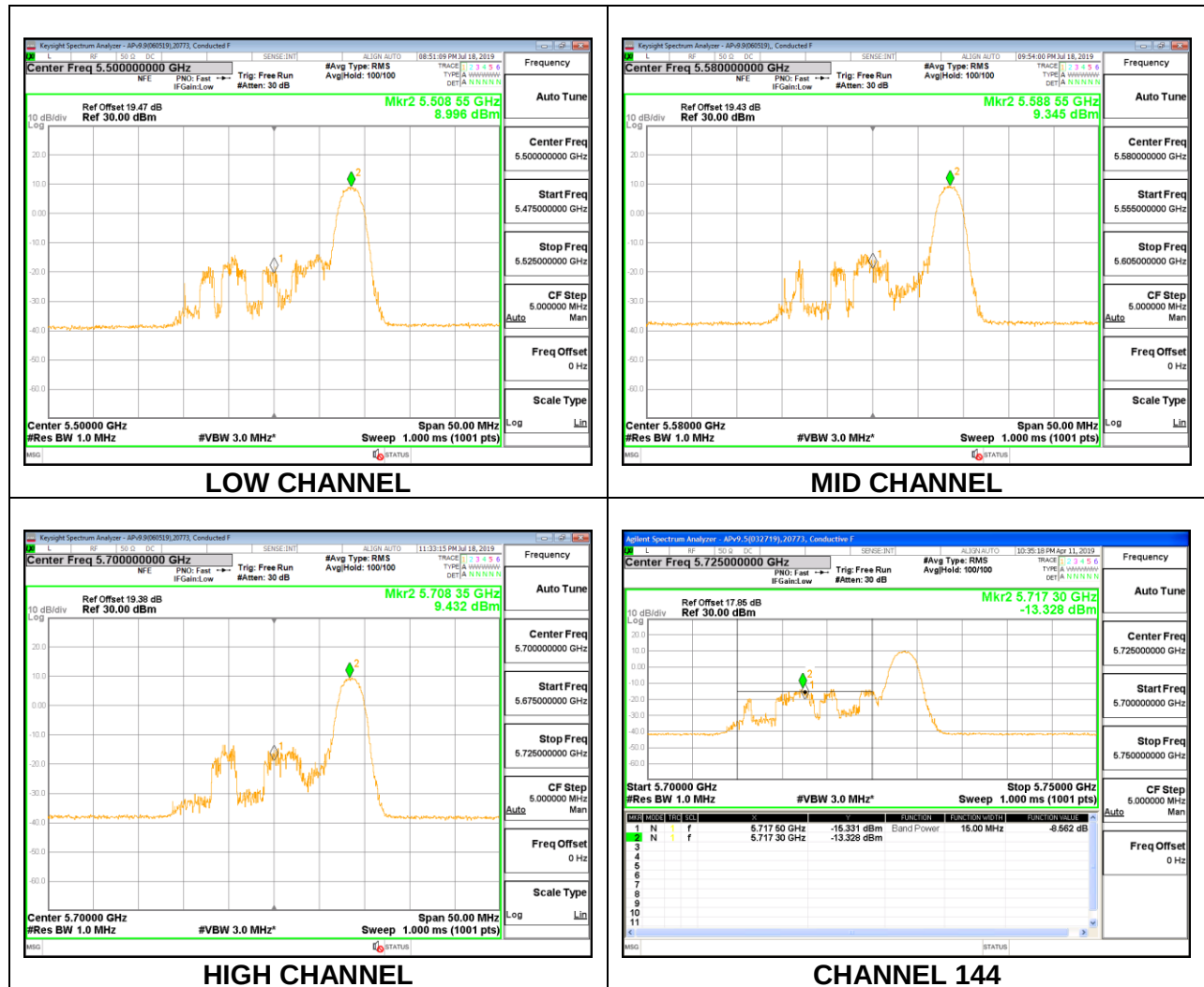




**1TX Antenna 5 MODE – 242 Tones, RU Index 61**

**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     | 5500               | 21.85                       | 18.8950                   | -5.90                        |
| Mid     | 5580               | 22.00                       | 19.0110                   | -5.90                        |
| High    | 5700               | 22.00                       | 18.9830                   | -5.90                        |
| 144     | 5720               | 15.90                       | 14.4855                   | -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/1MHz) | ISED<br>PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|-----------------------------------|------------------------------------|----------------------------|
| Low     | 5500               | 24.00                          | 23.76                           | 29.76                          | 23.76                   | 11.00                             | 11.00                              | 11.00                      |
| Mid     | 5580               | 24.00                          | 23.79                           | 29.79                          | 23.79                   | 11.00                             | 11.00                              | 11.00                      |
| High    | 5700               | 24.00                          | 23.78                           | 29.78                          | 23.78                   | 11.00                             | 11.00                              | 11.00                      |
| 144     | 5720               | 23.01                          | 22.61                           | 28.61                          | 22.61                   | 11.00                             | 11.00                              | 11.00                      |

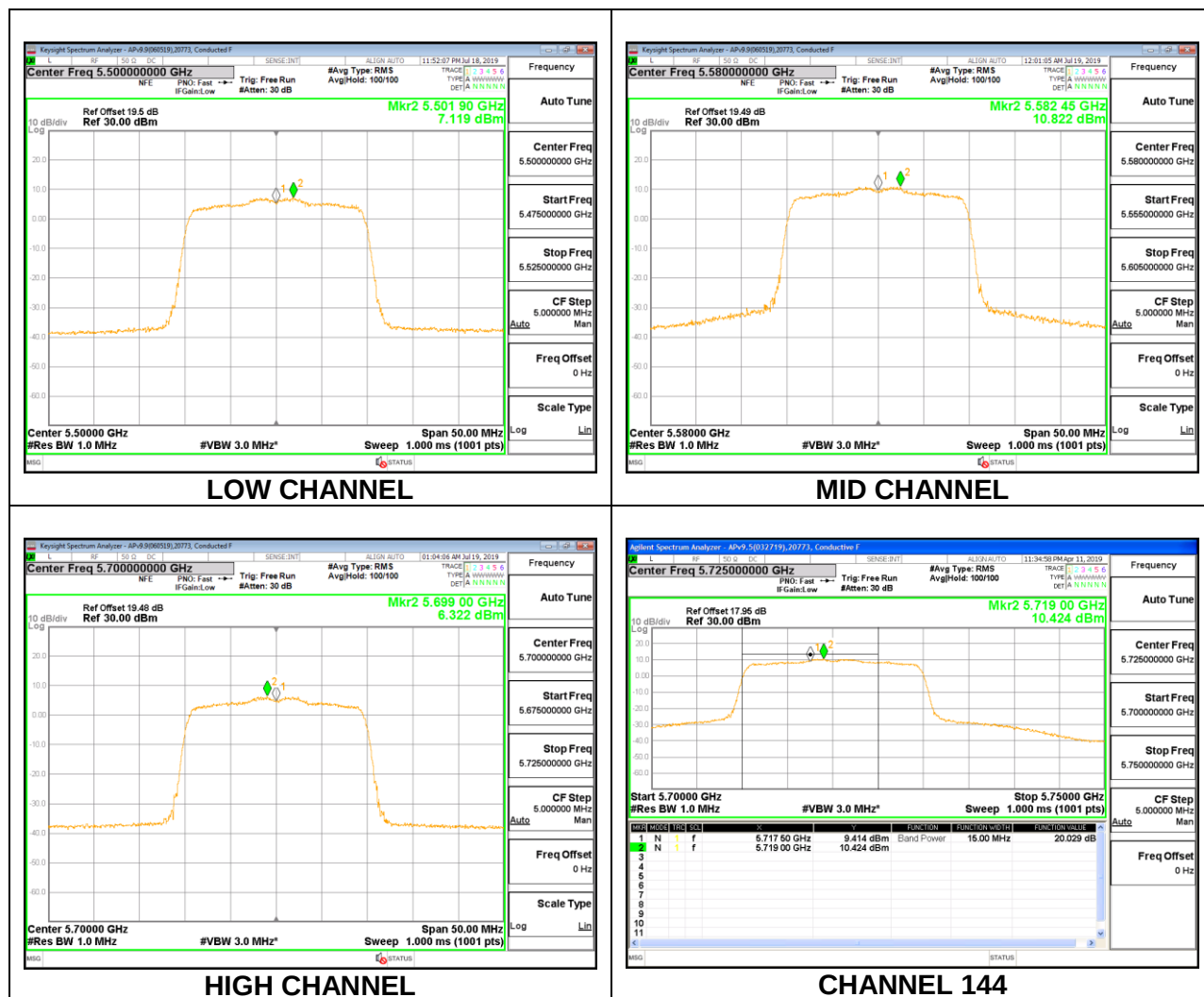
|                           |      |                                                           |
|---------------------------|------|-----------------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd Power &amp; PSD</b> |
|---------------------------|------|-------------------------------------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

**Output Power Results**

| Channel | Frequency<br>(MHz) | Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5500               | 17.94                  | 17.94                             | 23.76                   | -5.82                   |
| Mid     | 5580               | 20.90                  | 20.90                             | 23.79                   | -2.89                   |
| High    | 5700               | 16.42                  | 16.42                             | 23.78                   | -7.36                   |
| 144     | 5720               | 20.88                  | 20.88                             | 22.61                   | -1.73                   |

**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     | 5500               | 7.12                          | 7.12                                     | 11.00                          | -3.88                 |
| Mid     | 5580               | 10.82                         | 10.82                                    | 11.00                          | -0.18                 |
| High    | 5700               | 6.32                          | 6.32                                     | 11.00                          | -4.68                 |
| 144     | 5720               | 10.42                         | 10.42                                    | 11.00                          | -0.58                 |



**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     | 5500               | 20.45                       | 18.4990                   | -5.90                        |
| Mid     | 5580               | 20.50                       | 18.3000                   | -5.90                        |
| High    | 5700               | 20.50                       | 18.5030                   | -5.90                        |
| 144     | 5720               | 15.55                       | 14.2095                   | -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/1MHz) | ISED<br>PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|-----------------------------------|------------------------------------|----------------------------|
| Low     | 5500               | 24.00                          | 23.67                           | 29.67                          | 23.67                   | 11.00                             | 11.00                              | 11.00                      |
| Mid     | 5580               | 24.00                          | 23.62                           | 29.62                          | 23.62                   | 11.00                             | 11.00                              | 11.00                      |
| High    | 5700               | 24.00                          | 23.67                           | 29.67                          | 23.67                   | 11.00                             | 11.00                              | 11.00                      |
| 144     | 5720               | 22.92                          | 22.53                           | 28.53                          | 22.53                   | 11.00                             | 11.00                              | 11.00                      |

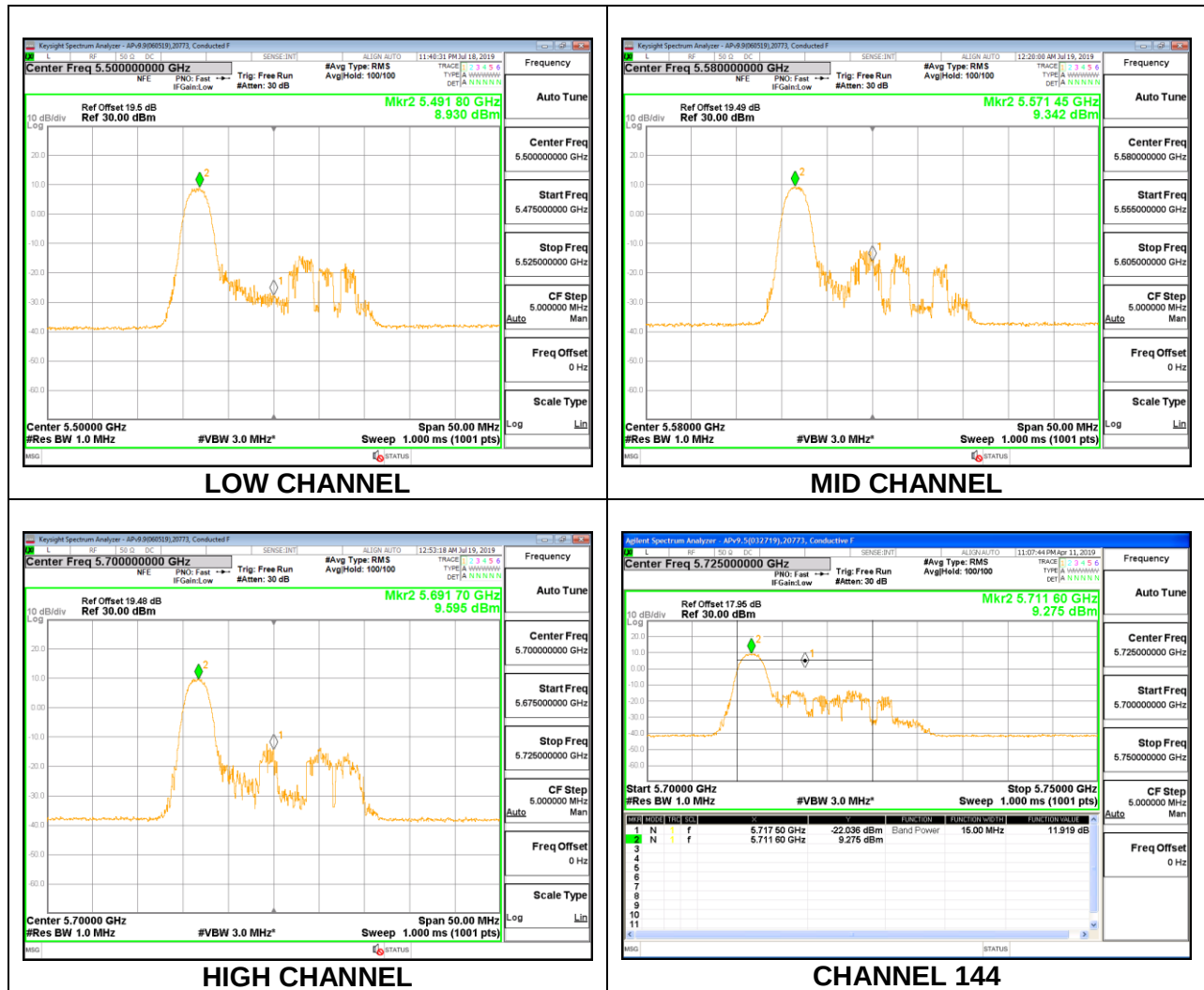
|                           |      |                                                           |
|---------------------------|------|-----------------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd Power &amp; PSD</b> |
|---------------------------|------|-------------------------------------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

**Output Power Results**

| Channel | Frequency<br>(MHz) | Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5500               | 11.95                  | 11.95                             | 23.67                   | -11.72                  |
| Mid     | 5580               | 11.93                  | 11.93                             | 23.62                   | -11.69                  |
| High    | 5700               | 11.95                  | 11.95                             | 23.67                   | -11.72                  |
| 144     | 5720               | 11.83                  | 11.83                             | 22.53                   | -10.70                  |

**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     | 5500               | 8.93                          | 8.93                                     | 11.00                          | -2.07                 |
| Mid     | 5580               | 9.34                          | 9.34                                     | 11.00                          | -1.66                 |
| High    | 5700               | 9.60                          | 9.60                                     | 11.00                          | -1.41                 |
| 144     | 5720               | 9.28                          | 9.28                                     | 11.00                          | -1.73                 |



**1TX Antenna 5 MODE – 26 Tones, RU Index 4**

**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     | 5500               | 19.95                       | 16.8020                   | -5.90                        |
| Mid     | 5580               | 19.50                       | 17.4020                   | -5.90                        |
| High    | 5700               | 20.00                       | 17.2290                   | -5.90                        |
| 144     | 5720               | 14.58                       | 13.6175                   | -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/1MHz) | ISED<br>PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|-----------------------------------|------------------------------------|----------------------------|
| Low     | 5500               | 24.00                          | 23.25                           | 29.25                          | 23.25                   | 11.00                             | 11.00                              | 11.00                      |
| Mid     | 5580               | 23.90                          | 23.41                           | 29.41                          | 23.41                   | 11.00                             | 11.00                              | 11.00                      |
| High    | 5700               | 24.00                          | 23.36                           | 29.36                          | 23.36                   | 11.00                             | 11.00                              | 11.00                      |
| 144     | 5720               | 22.64                          | 22.34                           | 28.34                          | 22.34                   | 11.00                             | 11.00                              | 11.00                      |

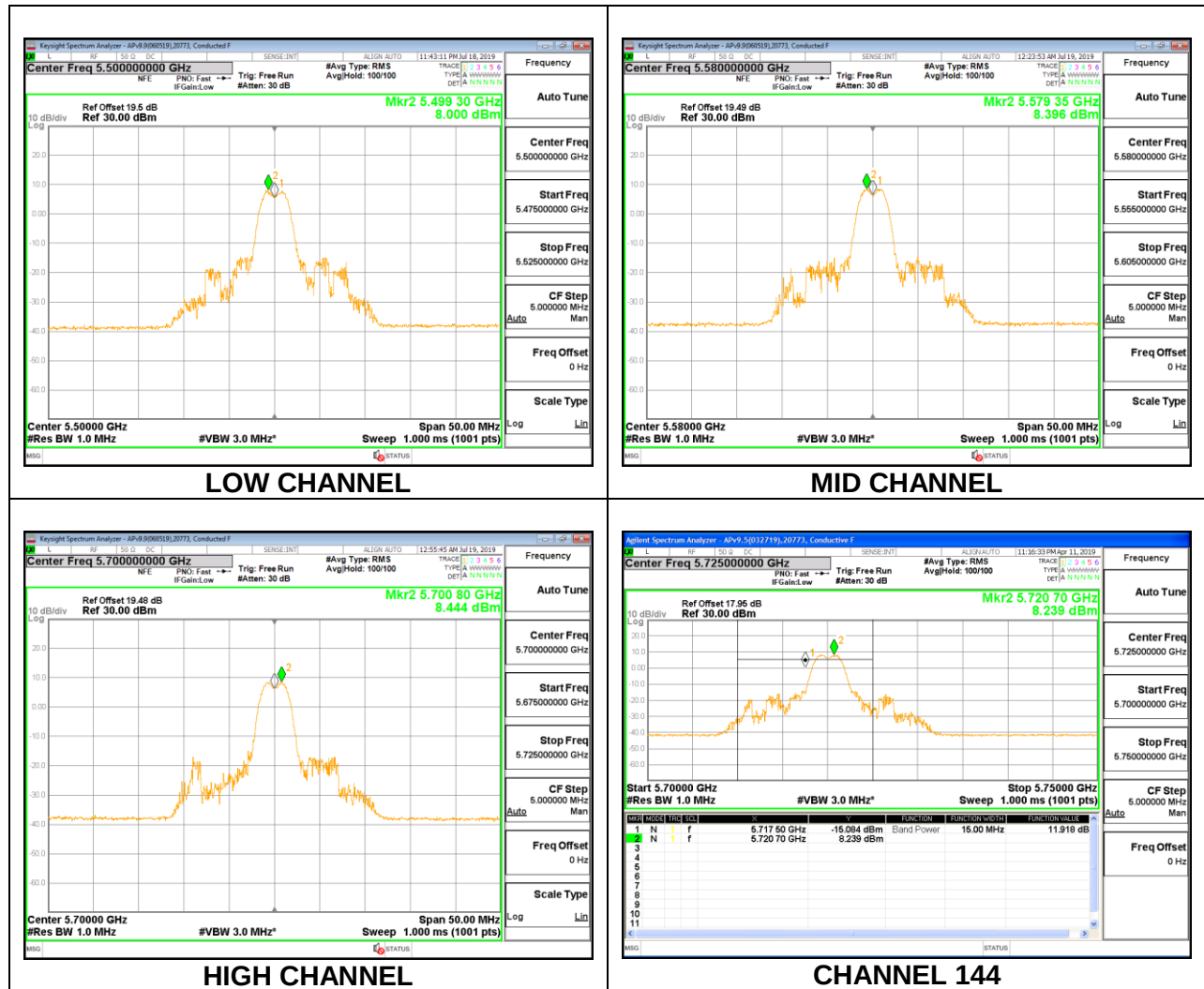
|                           |      |                                                           |
|---------------------------|------|-----------------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd Power &amp; PSD</b> |
|---------------------------|------|-------------------------------------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

**Output Power Results**

| Channel | Frequency<br>(MHz) | Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5500               | 11.92                  | 11.92                             | 23.25                   | -11.33                  |
| Mid     | 5580               | 11.93                  | 11.93                             | 23.41                   | -11.48                  |
| High    | 5700               | 11.93                  | 11.93                             | 23.36                   | -11.43                  |
| 144     | 5720               | 11.72                  | 11.72                             | 22.34                   | -10.62                  |

**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     | 5500               | 8.00                          | 8.00                                     | 11.00                          | -3.00                 |
| Mid     | 5580               | 8.40                          | 8.40                                     | 11.00                          | -2.60                 |
| High    | 5700               | 8.44                          | 8.44                                     | 11.00                          | -2.56                 |
| 144     | 5720               | 8.24                          | 8.24                                     | 11.00                          | -2.76                 |



**1TX Antenna 5 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>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|------------------------------|
| Low     | 5500               | 21.20                       | 18.5860                   | -5.90                        |
| Mid     | 5580               | 21.20                       | 18.5270                   | -5.90                        |
| High    | 5700               | 21.15                       | 18.5850                   | -5.90                        |
| 144     | 5720               | 15.53                       | 14.2255                   | -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/1MHz) | ISED<br>PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|-----------------------------------|------------------------------------|----------------------------|
| Low     | 5500               | 24.00                          | 23.69                           | 29.69                          | 23.69                   | 11.00                             | 11.00                              | 11.00                      |
| Mid     | 5580               | 24.00                          | 23.68                           | 29.68                          | 23.68                   | 11.00                             | 11.00                              | 11.00                      |
| High    | 5700               | 24.00                          | 23.69                           | 29.69                          | 23.69                   | 11.00                             | 11.00                              | 11.00                      |
| 144     | 5720               | 22.91                          | 22.53                           | 28.53                          | 22.53                   | 11.00                             | 11.00                              | 11.00                      |

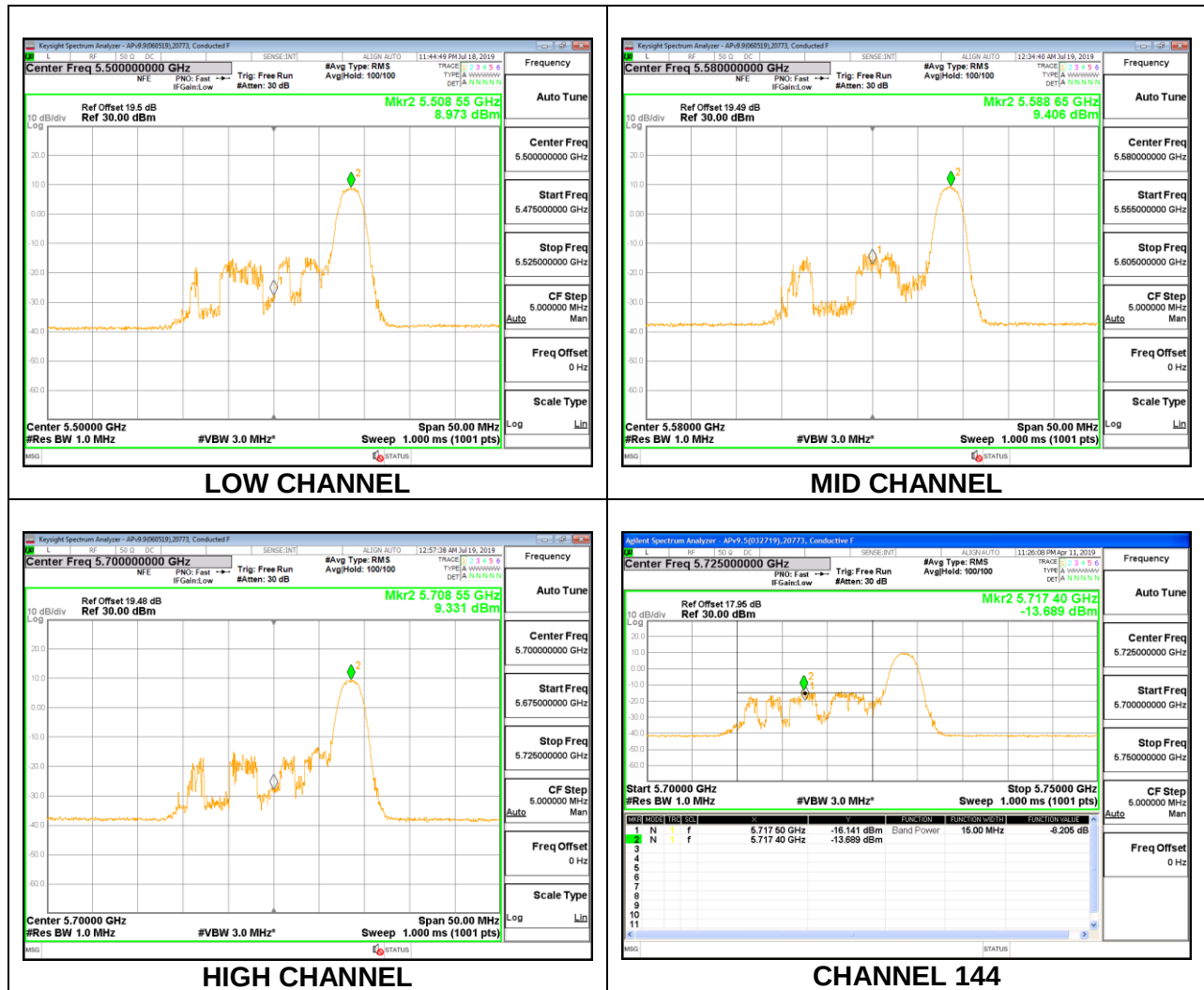
|                           |      |                                                           |
|---------------------------|------|-----------------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd Power &amp; PSD</b> |
|---------------------------|------|-------------------------------------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

**Output Power Results**

| Channel | Frequency<br>(MHz) | Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5500               | 11.94                  | 11.94                             | 23.69                   | -11.75                  |
| Mid     | 5580               | 11.95                  | 11.95                             | 23.68                   | -11.73                  |
| High    | 5700               | 11.93                  | 11.93                             | 23.69                   | -11.76                  |
| 144     | 5720               | 11.73                  | 11.73                             | 22.53                   | -10.80                  |

**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     | 5500               | 8.97                          | 8.97                                     | 11.00                          | -2.03                 |
| Mid     | 5580               | 9.41                          | 9.41                                     | 11.00                          | -1.59                 |
| High    | 5700               | 9.33                          | 9.33                                     | 11.00                          | -1.67                 |
| 144     | 5720               | -13.69                        | -13.69                                   | 11.00                          | -24.69                |



**2TX Antenna 6 + Antenna 5 OFDMA MODE – 242 Tones, RU Index 61**

**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     | 5500               | 21.70                       | 18.8000                   | -3.24                                     | -0.48                                   |
| Mid     | 5580               | 21.80                       | 18.9000                   | -3.24                                     | -0.48                                   |
| High    | 5700               | 21.75                       | 18.9210                   | -3.24                                     | -0.48                                   |
| 144     | 5720               | 15.75                       | 14.5475                   | -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     | 5500               | 24.00                          | 23.74                           | 29.74                          | 23.74                   | 11.00                                 | 11.00                                  | 11.00                          |
| Mid     | 5580               | 24.00                          | 23.76                           | 29.76                          | 23.76                   | 11.00                                 | 11.00                                  | 11.00                          |
| High    | 5700               | 24.00                          | 23.77                           | 29.77                          | 23.77                   | 11.00                                 | 11.00                                  | 11.00                          |
| 144     | 5720               | 22.97                          | 22.63                           | 28.63                          | 22.63                   | 11.00                                 | 11.00                                  | 11.00                          |

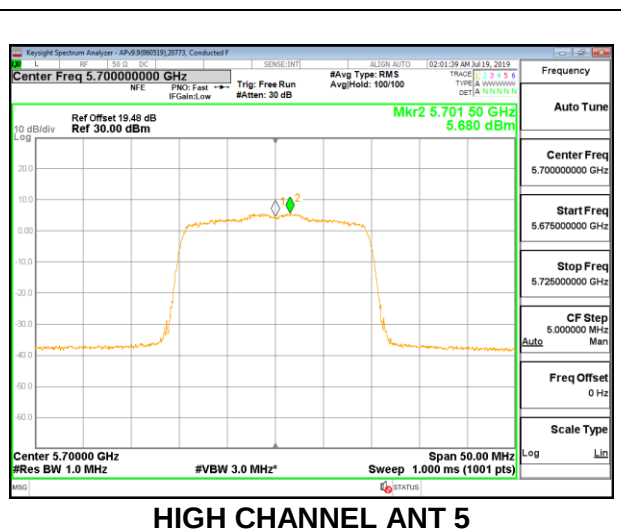
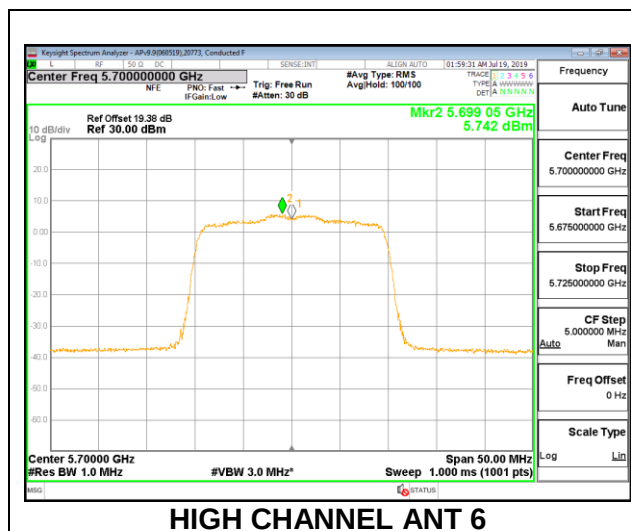
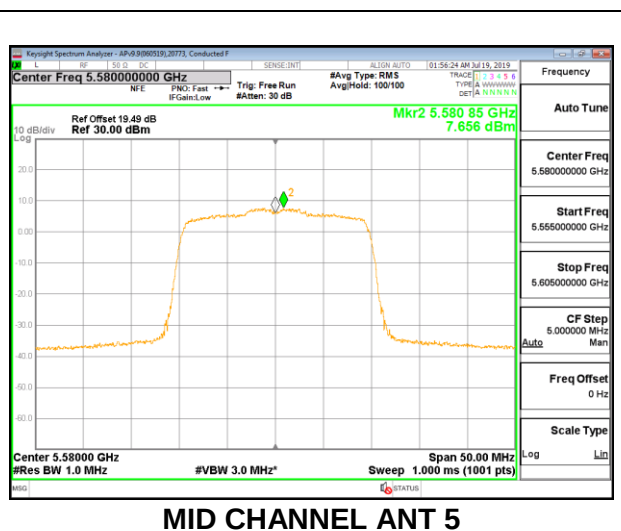
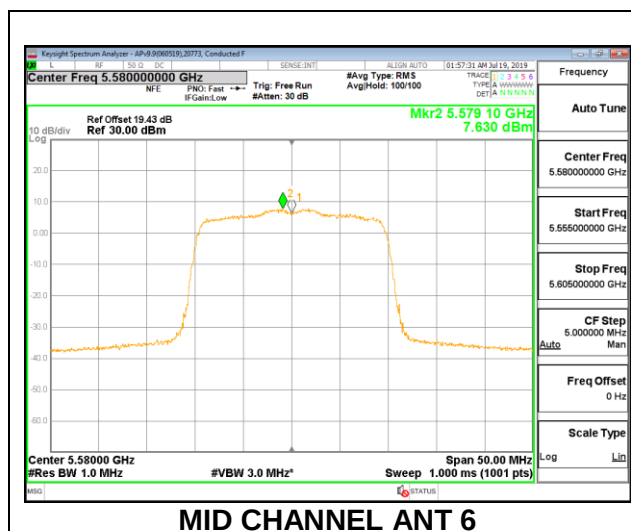
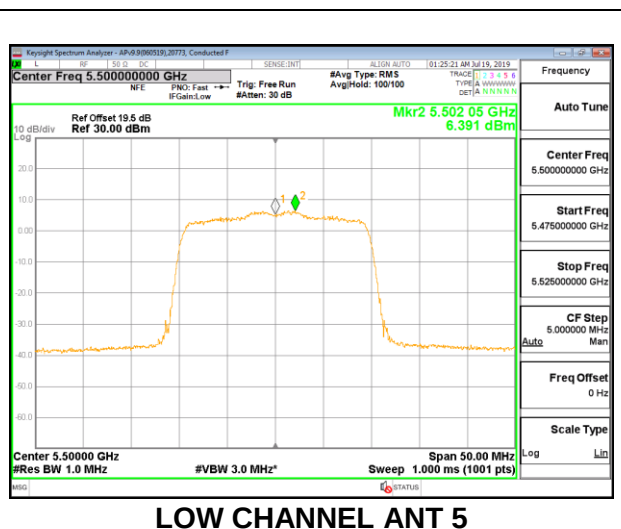
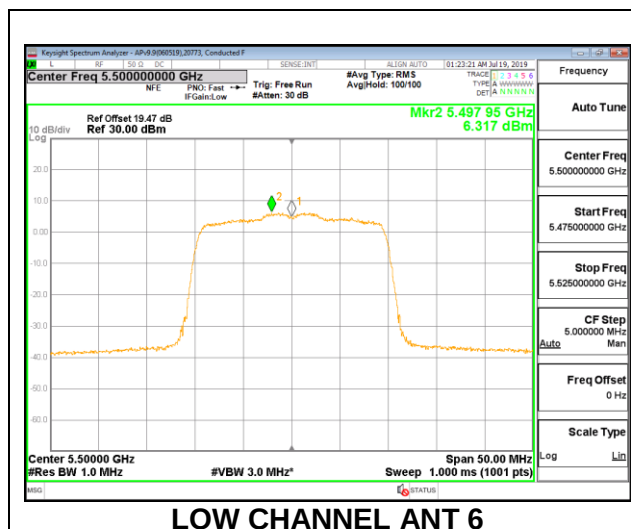
|                           |      |                                                           |
|---------------------------|------|-----------------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd Power &amp; PSD</b> |
|---------------------------|------|-------------------------------------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

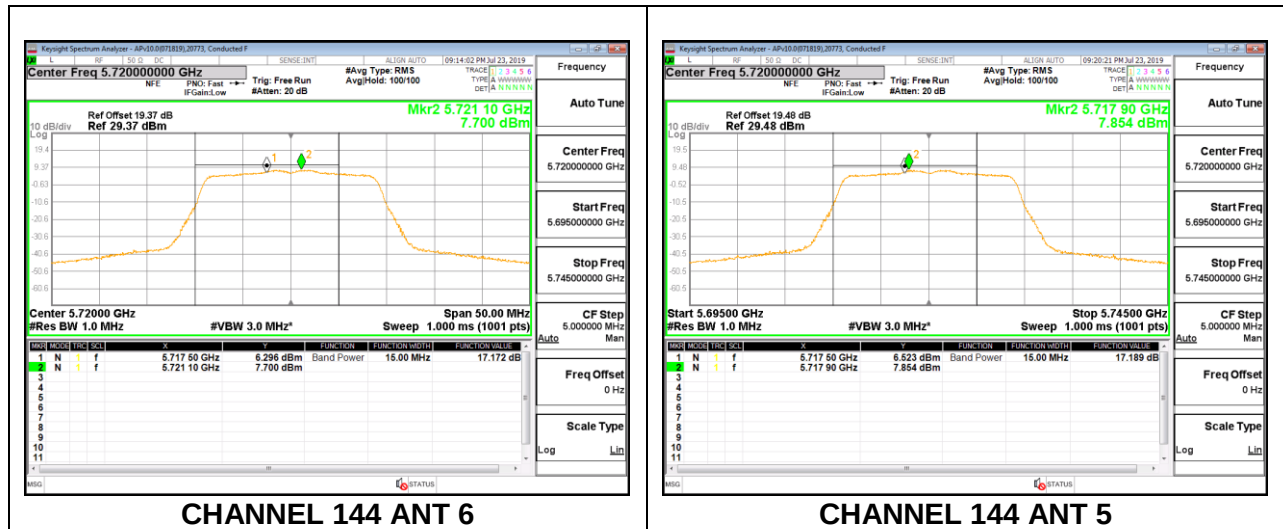
**Output Power Results**

| 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     | 5500               | 16.66                               | 16.64                               | 19.66                             | 23.74                   | -4.08                   |
| Mid     | 5580               | 17.92                               | 17.91                               | 20.93                             | 23.76                   | -2.84                   |
| High    | 5700               | 15.95                               | 15.90                               | 18.94                             | 23.77                   | -4.83                   |
| 144     | 5720               | 17.67                               | 17.69                               | 20.69                             | 22.63                   | -1.94                   |

**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     | 5500               | 6.32                                       | 6.39                                       | 9.36                                     | 11.00                          | -1.64                 |
| Mid     | 5580               | 7.63                                       | 7.66                                       | 10.65                                    | 11.00                          | -0.35                 |
| High    | 5700               | 5.74                                       | 5.68                                       | 8.72                                     | 11.00                          | -2.28                 |
| 144     | 5720               | 7.70                                       | 7.85                                       | 10.79                                    | 11.00                          | -0.21                 |





**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     | 5500               | 20.25                       | 18.2520                   | -3.24                                     | -0.48                                   |
| Mid     | 5580               | 20.05                       | 18.3680                   | -3.24                                     | -0.48                                   |
| High    | 5700               | 20.00                       | 18.4050                   | -3.24                                     | -0.48                                   |
| 144     | 5720               | 15.25                       | 14.2085                   | -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     | 5500               | 24.00                          | 23.61                           | 29.61                          | 23.61                   | 11.00                                 | 11.00                                  | 11.00                          |
| Mid     | 5580               | 24.00                          | 23.64                           | 29.64                          | 23.64                   | 11.00                                 | 11.00                                  | 11.00                          |
| High    | 5700               | 24.00                          | 23.65                           | 29.65                          | 23.65                   | 11.00                                 | 11.00                                  | 11.00                          |
| 144     | 5720               | 22.83                          | 22.53                           | 28.53                          | 22.53                   | 11.00                                 | 11.00                                  | 11.00                          |

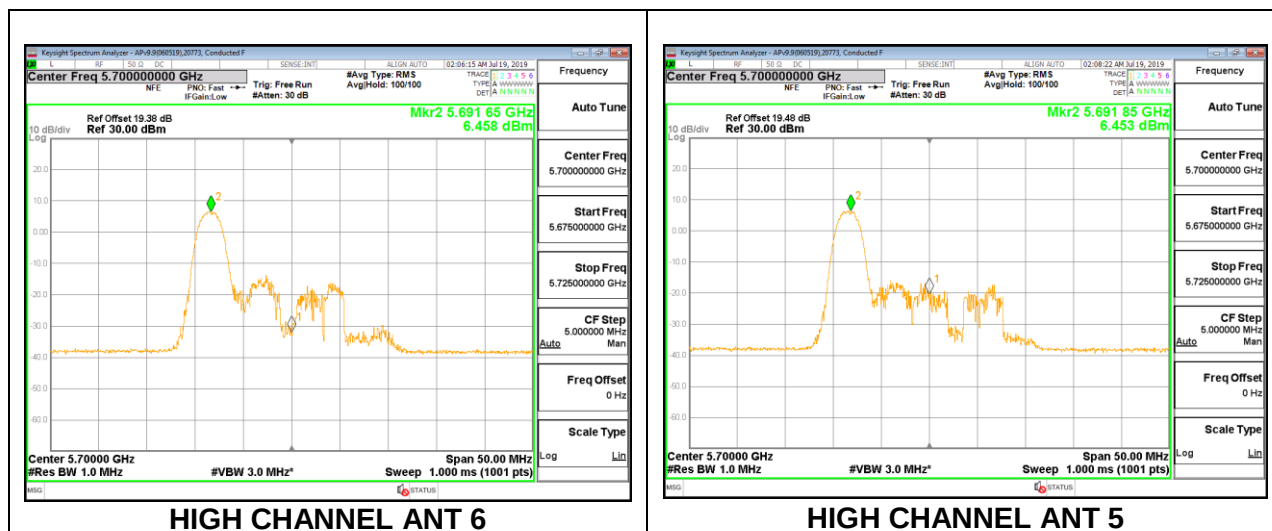
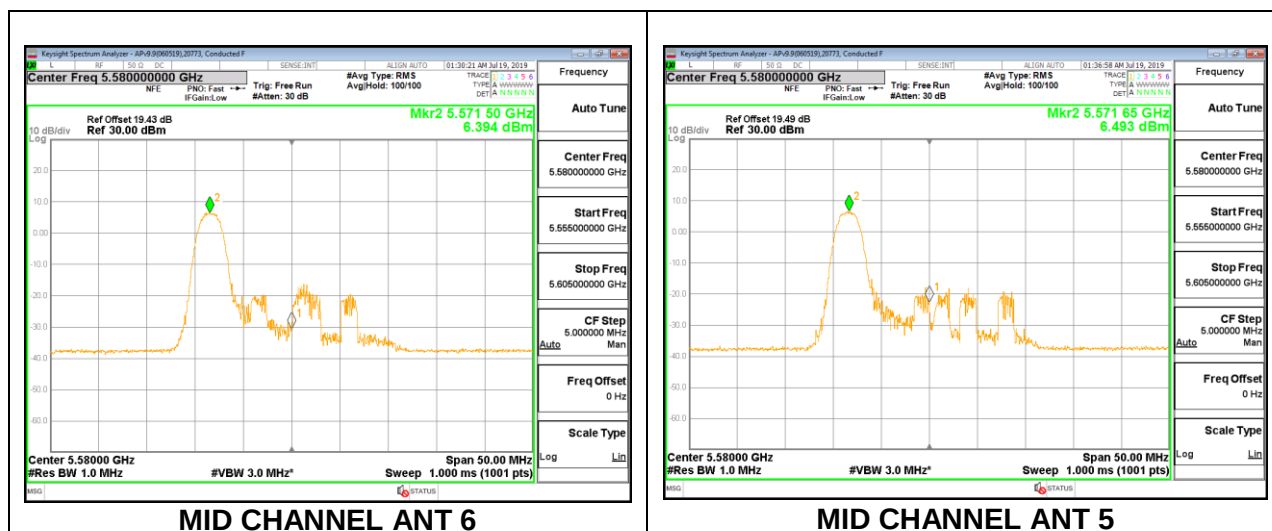
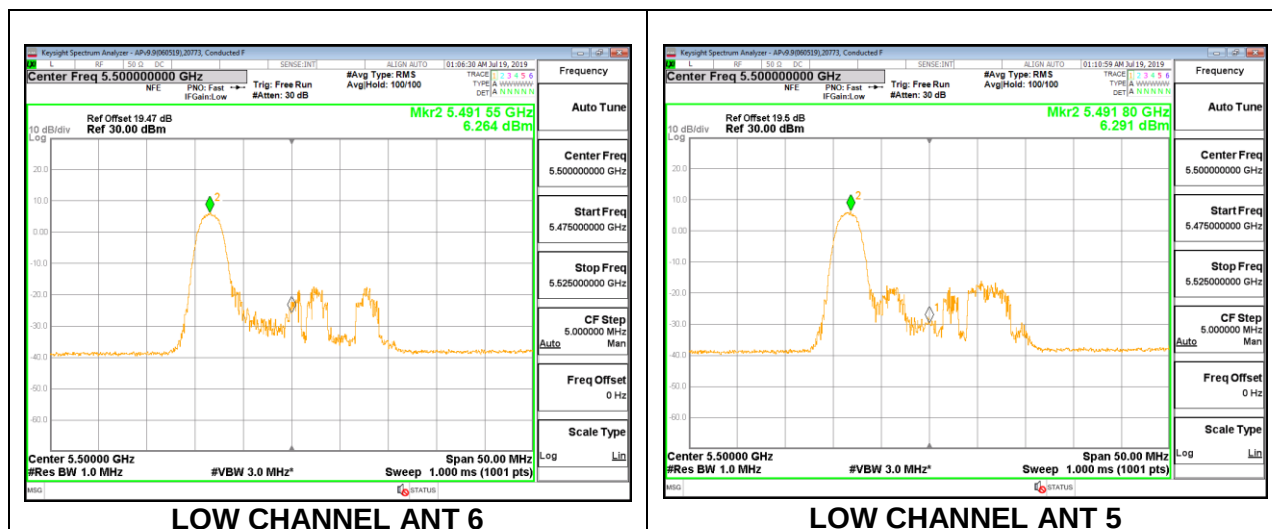
|                           |      |                                                           |
|---------------------------|------|-----------------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd Power &amp; PSD</b> |
|---------------------------|------|-------------------------------------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

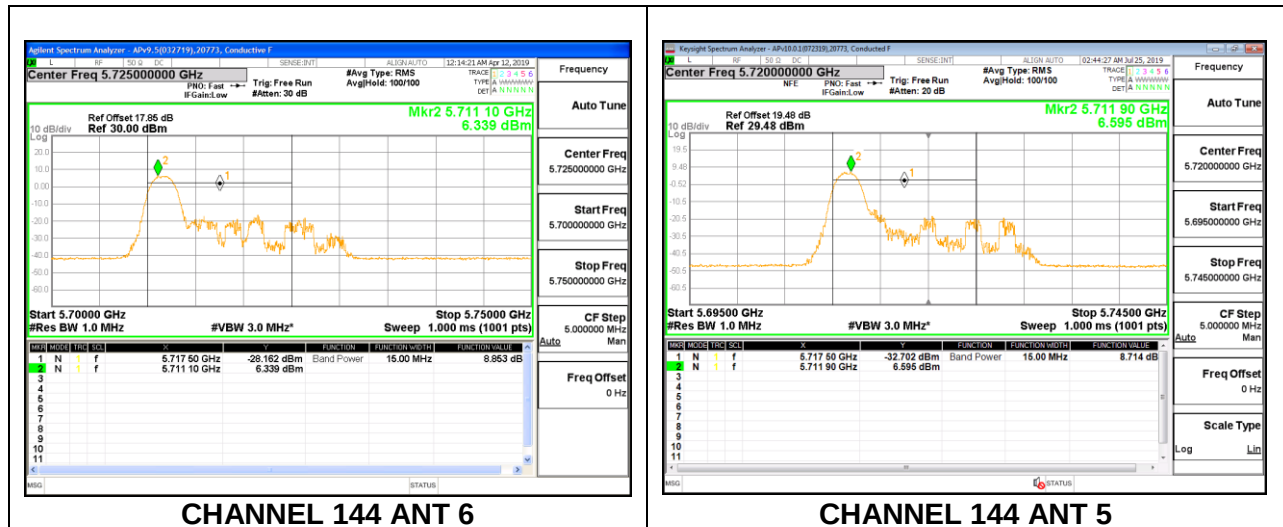
**Output Power Results**

| 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     | 5500               | 8.93                                | 8.96                                | 11.96                             | 23.61                   | -11.66                  |
| Mid     | 5580               | 8.97                                | 8.92                                | 11.96                             | 23.64                   | -11.69                  |
| High    | 5700               | 8.97                                | 8.94                                | 11.97                             | 23.65                   | -11.68                  |
| 144     | 5720               | 8.75                                | 8.71                                | 11.74                             | 22.53                   | -10.78                  |

**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     | 5500               | 6.26                                       | 6.29                                       | 9.29                                     | 11.00                          | -1.71                 |
| Mid     | 5580               | 6.39                                       | 6.49                                       | 9.45                                     | 11.00                          | -1.55                 |
| High    | 5700               | 6.46                                       | 6.45                                       | 9.47                                     | 11.00                          | -1.53                 |
| 144     | 5720               | 6.34                                       | 6.60                                       | 9.48                                     | 11.00                          | -1.52                 |





**2TX Antenna 6 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 4**

**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     | 5500               | 18.50                       | 17.0620                   | -3.24                                     | -0.48                                   |
| Mid     | 5580               | 18.60                       | 16.7110                   | -3.24                                     | -0.48                                   |
| High    | 5700               | 18.40                       | 16.9150                   | -3.24                                     | -0.48                                   |
| 144     | 5720               | 14.55                       | 13.5330                   | -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     | 5500               | 23.67                          | 23.32                           | 29.32                          | 23.32                   | 11.00                                 | 11.00                                  | 11.00                          |
| Mid     | 5580               | 23.70                          | 23.23                           | 29.23                          | 23.23                   | 11.00                                 | 11.00                                  | 11.00                          |
| High    | 5700               | 23.65                          | 23.28                           | 29.28                          | 23.28                   | 11.00                                 | 11.00                                  | 11.00                          |
| 144     | 5720               | 22.63                          | 22.31                           | 28.31                          | 22.31                   | 11.00                                 | 11.00                                  | 11.00                          |

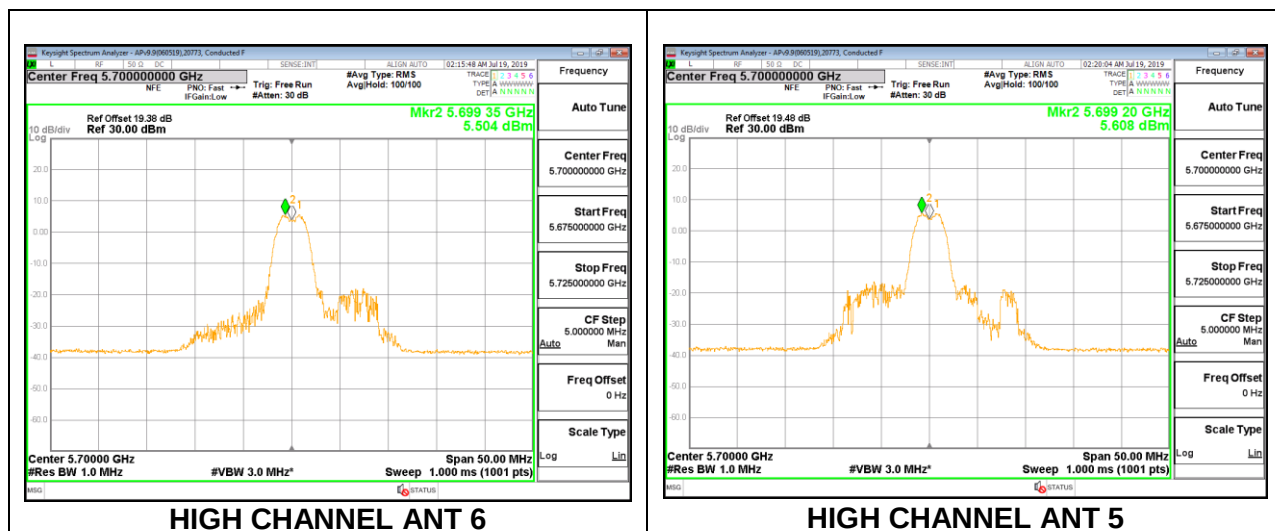
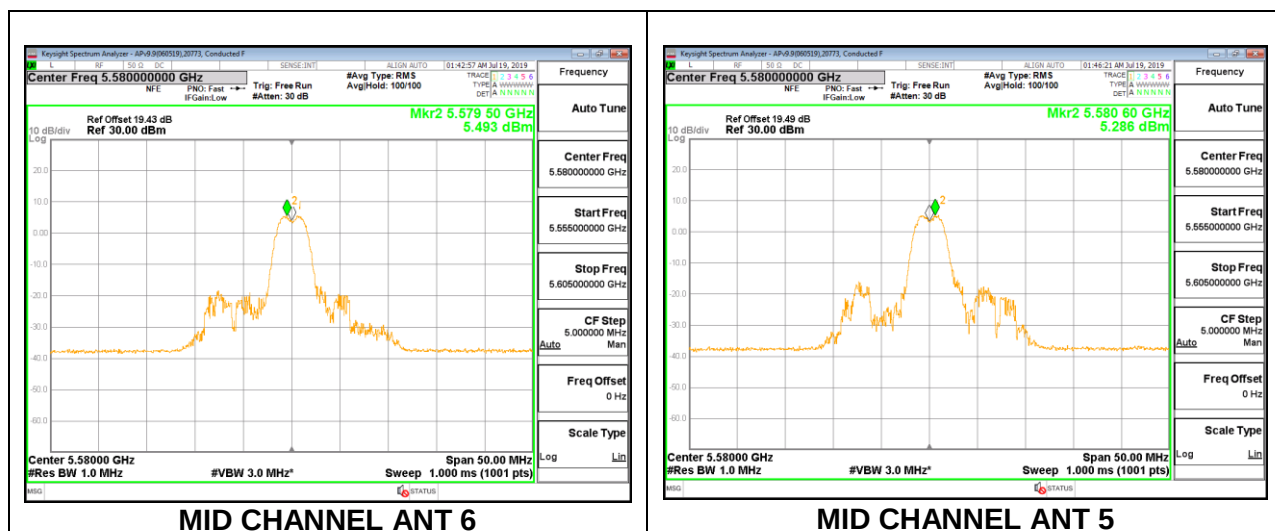
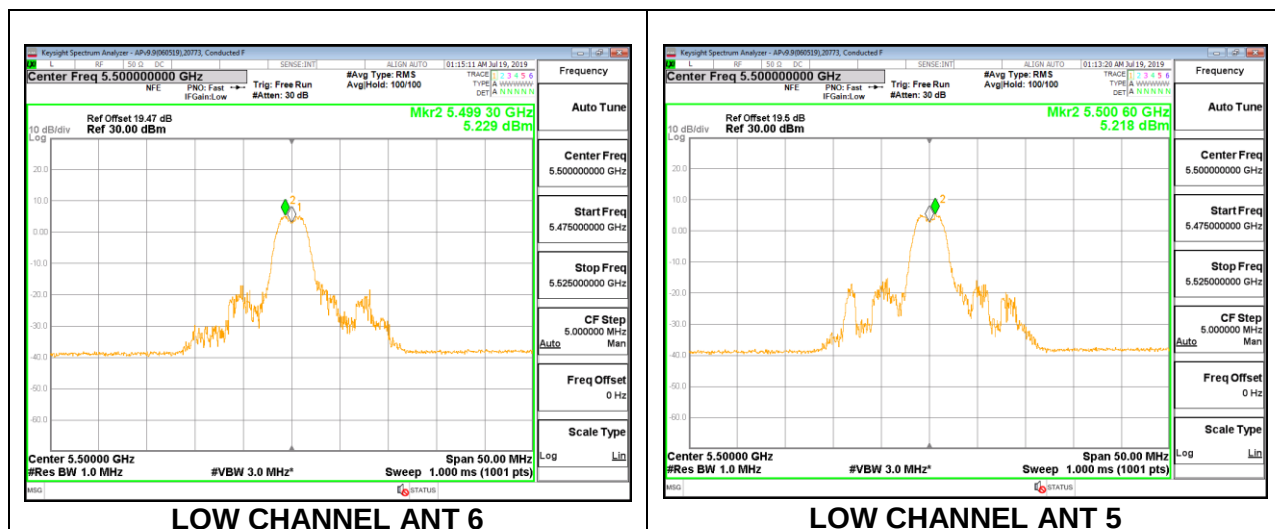
|                           |      |                                                           |
|---------------------------|------|-----------------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd Power &amp; PSD</b> |
|---------------------------|------|-------------------------------------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

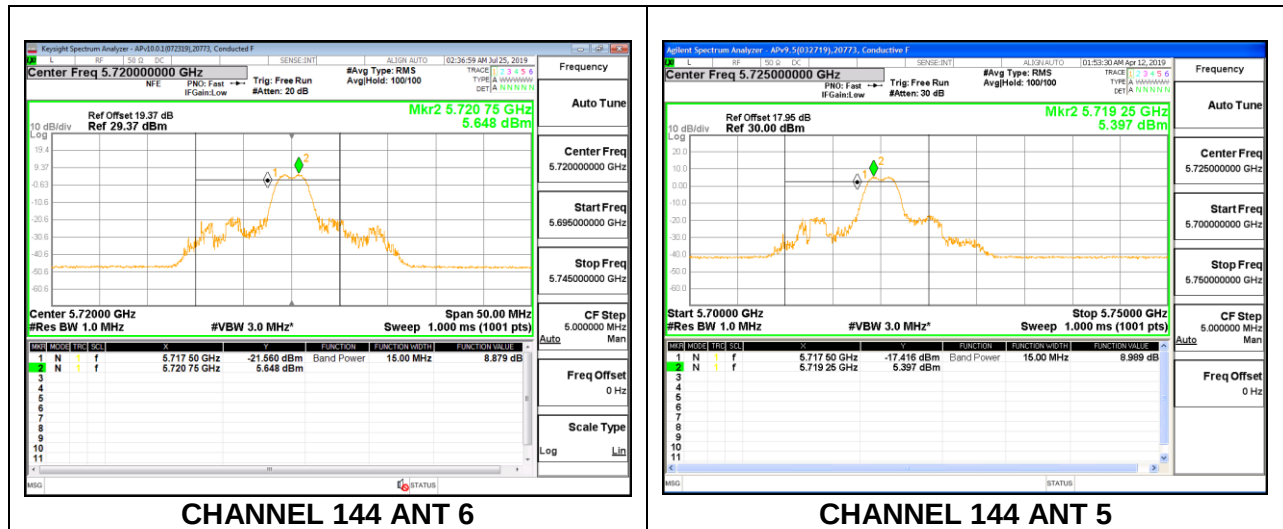
**Output Power Results**

| 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     | 5500               | 8.90                                | 8.93                                | 11.93                             | 23.32                   | -11.39                  |
| Mid     | 5580               | 8.92                                | 8.87                                | 11.91                             | 23.23                   | -11.32                  |
| High    | 5700               | 8.88                                | 8.94                                | 11.92                             | 23.28                   | -11.36                  |
| 144     | 5720               | 8.68                                | 8.69                                | 11.70                             | 22.31                   | -10.62                  |

**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     | 5500               | 5.23                                       | 5.22                                       | 8.23                                     | 11.00                          | -2.77                 |
| Mid     | 5580               | 5.49                                       | 5.29                                       | 8.40                                     | 11.00                          | -2.60                 |
| High    | 5700               | 5.50                                       | 5.61                                       | 8.57                                     | 11.00                          | -2.43                 |
| 144     | 5720               | 5.65                                       | 5.40                                       | 8.53                                     | 11.00                          | -2.47                 |





**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     | 5500               | 20.10                       | 18.1670                   | -3.24                                     | -0.48                                   |
| Mid     | 5580               | 20.25                       | 18.3350                   | -3.24                                     | -0.48                                   |
| High    | 5700               | 20.25                       | 18.3820                   | -3.24                                     | -0.48                                   |
| 144     | 5720               | 15.45                       | 14.3025                   | -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     | 5500               | 24.00                          | 23.59                           | 29.59                          | 23.59                   | 11.00                                 | 11.00                                  | 11.00                          |
| Mid     | 5580               | 24.00                          | 23.63                           | 29.63                          | 23.63                   | 11.00                                 | 11.00                                  | 11.00                          |
| High    | 5700               | 24.00                          | 23.64                           | 29.64                          | 23.64                   | 11.00                                 | 11.00                                  | 11.00                          |
| 144     | 5720               | 22.89                          | 22.55                           | 28.55                          | 22.55                   | 11.00                                 | 11.00                                  | 11.00                          |

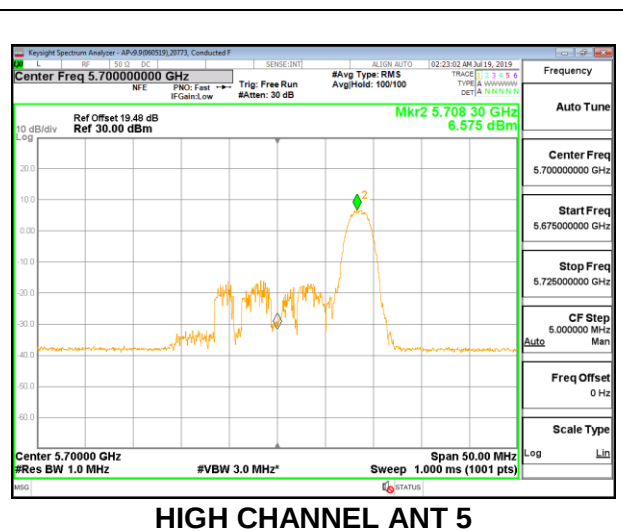
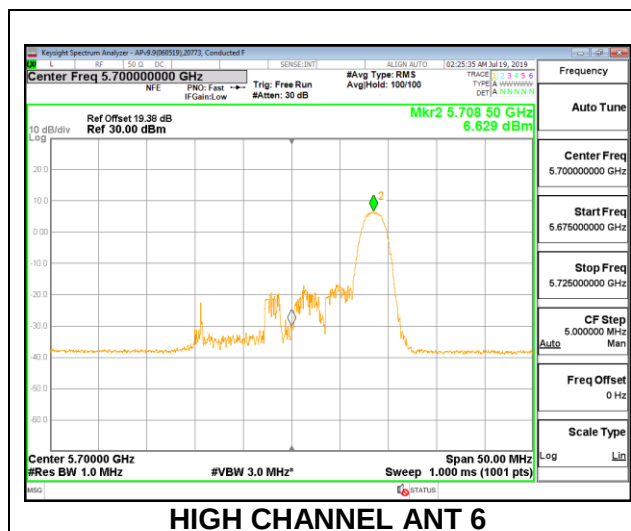
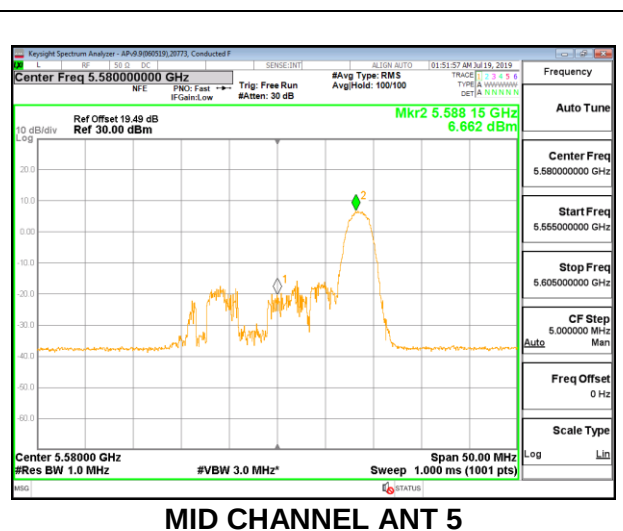
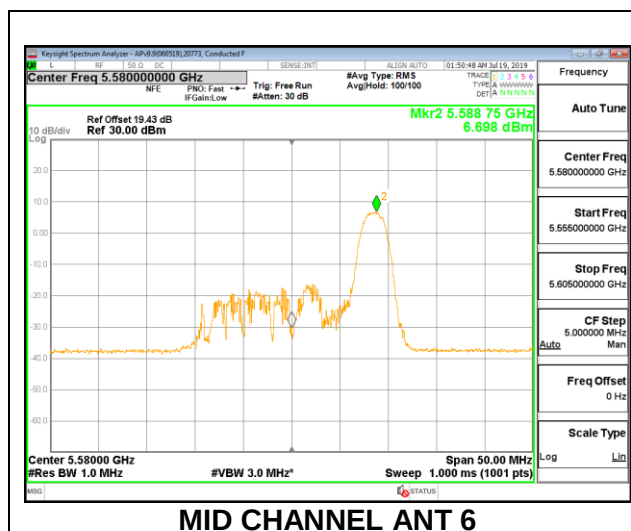
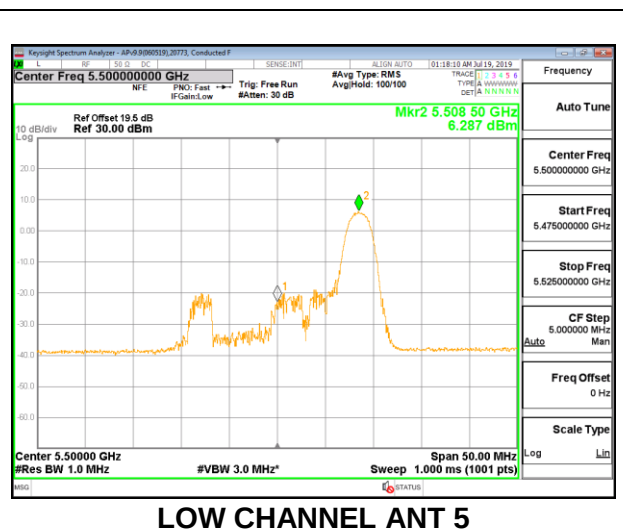
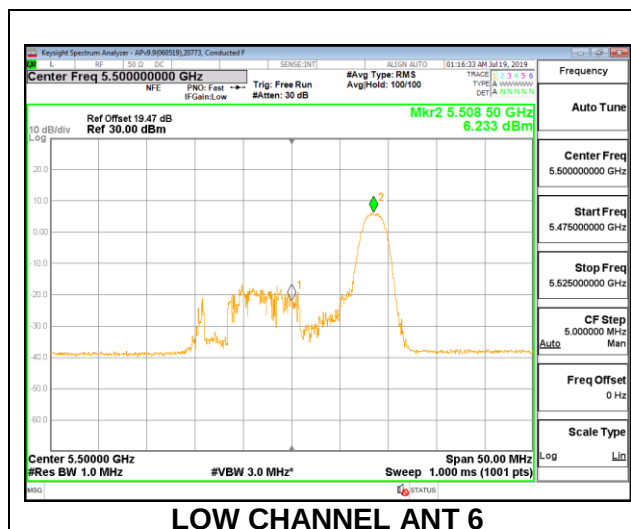
|                           |      |                                                           |
|---------------------------|------|-----------------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd Power &amp; PSD</b> |
|---------------------------|------|-------------------------------------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

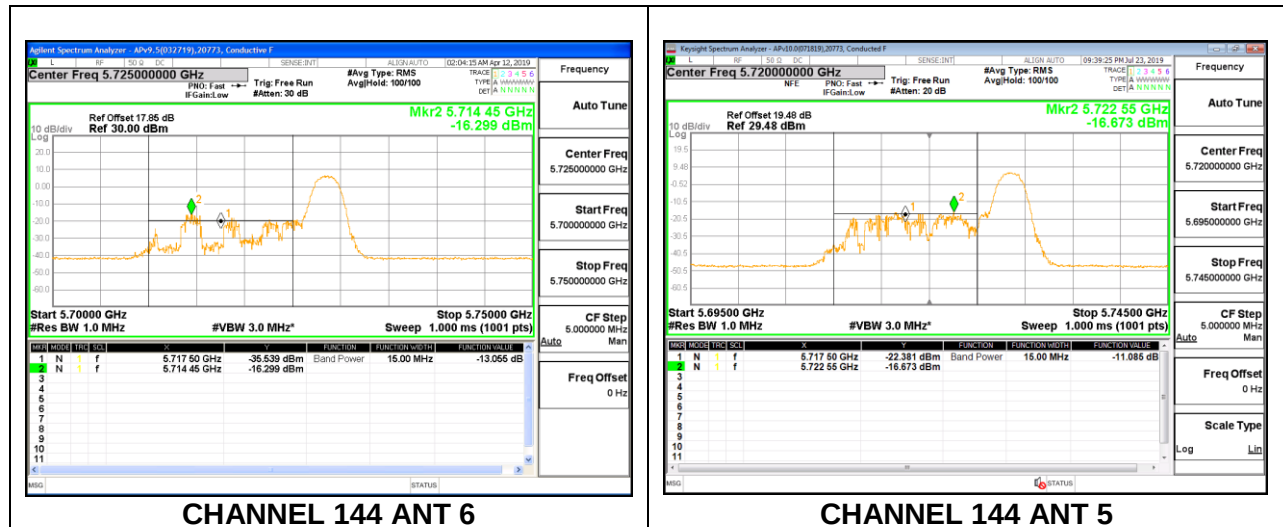
**Output Power Results**

| 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     | 5500               | 8.90                                | 8.90                                | 11.91                             | 23.59                   | -11.68                  |
| Mid     | 5580               | 8.96                                | 8.95                                | 11.97                             | 23.63                   | -11.67                  |
| High    | 5700               | 8.96                                | 8.93                                | 11.96                             | 23.64                   | -11.69                  |
| 144     | 5720               | 8.73                                | 8.71                                | 11.73                             | 22.55                   | -10.82                  |

**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     | 5500               | 6.23                                       | 6.29                                       | 9.27                                     | 11.00                          | -1.73                 |
| Mid     | 5580               | 6.70                                       | 6.66                                       | 9.69                                     | 11.00                          | -1.31                 |
| High    | 5700               | 6.63                                       | 6.58                                       | 9.61                                     | 11.00                          | -1.39                 |
| 144     | 5720               | -16.30                                     | -16.67                                     | -13.47                                   | 11.00                          | -24.47                |





## 8.5.17. 802.11ax HE40 MODE IN THE 5.6 GHz BAND

### 1TX Antenna 6 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>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|------------------------------|
| Low     | 5510               | 42.10                       | 37.7290                   | -1.60                        |
| Mid     | 5550               | 41.70                       | 37.7470                   | -1.60                        |
| High    | 5670               | 41.90                       | 37.7550                   | -1.60                        |
| 142     | 5710               | 41.20                       | 37.5140                   | -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     | 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                          |

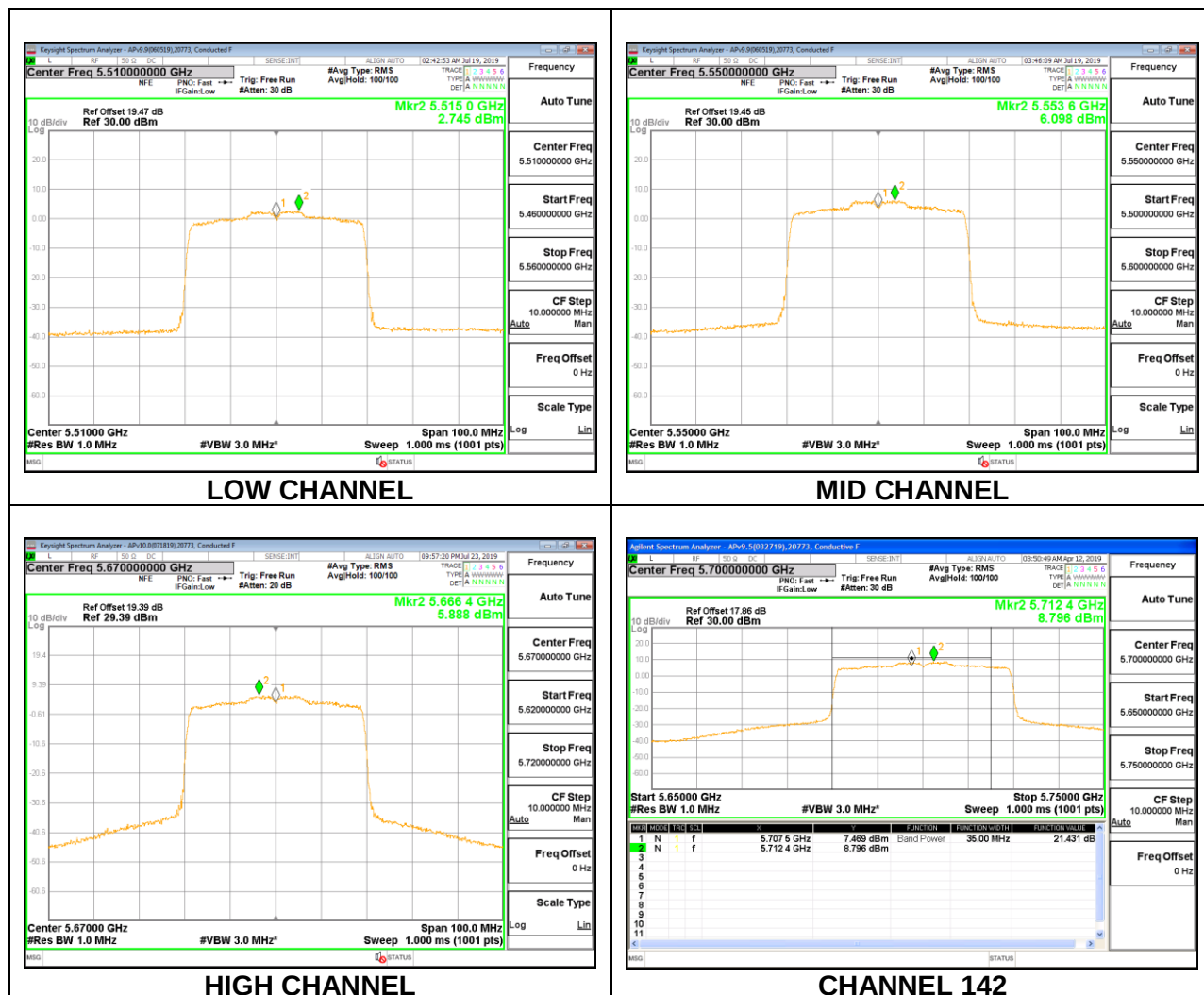
|                    |      |                                                |
|--------------------|------|------------------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd Power & PSD |
|--------------------|------|------------------------------------------------|

#### 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     | 5510               | 15.93                  | 15.93                             | 24.00                   | -8.07                   |
| Mid     | 5550               | 19.22                  | 19.22                             | 24.00                   | -4.78                   |
| High    | 5670               | 18.84                  | 18.84                             | 24.00                   | -5.16                   |
| 142     | 5710               | 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     | 5510               | 2.75                          | 2.75                                     | 11.00                          | -8.26                 |
| Mid     | 5550               | 6.10                          | 6.10                                     | 11.00                          | -4.90                 |
| High    | 5670               | 5.89                          | 5.89                                     | 11.00                          | -5.11                 |
| 142     | 5710               | 8.80                          | 8.80                                     | 11.00                          | -2.20                 |



**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     | 5510               | 20.70                       | 18.5732                   | -1.60                        |
| Mid     | 5550               | 20.70                       | 18.4218                   | -1.60                        |
| High    | 5670               | 20.80                       | 18.3284                   | -1.60                        |
| 142     | 5710               | 20.00                       | 18.5050                   | -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     | 5510               | 24.00                          | 23.69                           | 29.69                          | 23.69                   | 11.00                                 | 11.00                                  | 11.00                          |
| Mid     | 5550               | 24.00                          | 23.65                           | 29.65                          | 23.65                   | 11.00                                 | 11.00                                  | 11.00                          |
| High    | 5670               | 24.00                          | 23.63                           | 29.63                          | 23.63                   | 11.00                                 | 11.00                                  | 11.00                          |
| 142     | 5710               | 24.00                          | 23.67                           | 29.67                          | 23.67                   | 11.00                                 | 11.00                                  | 11.00                          |

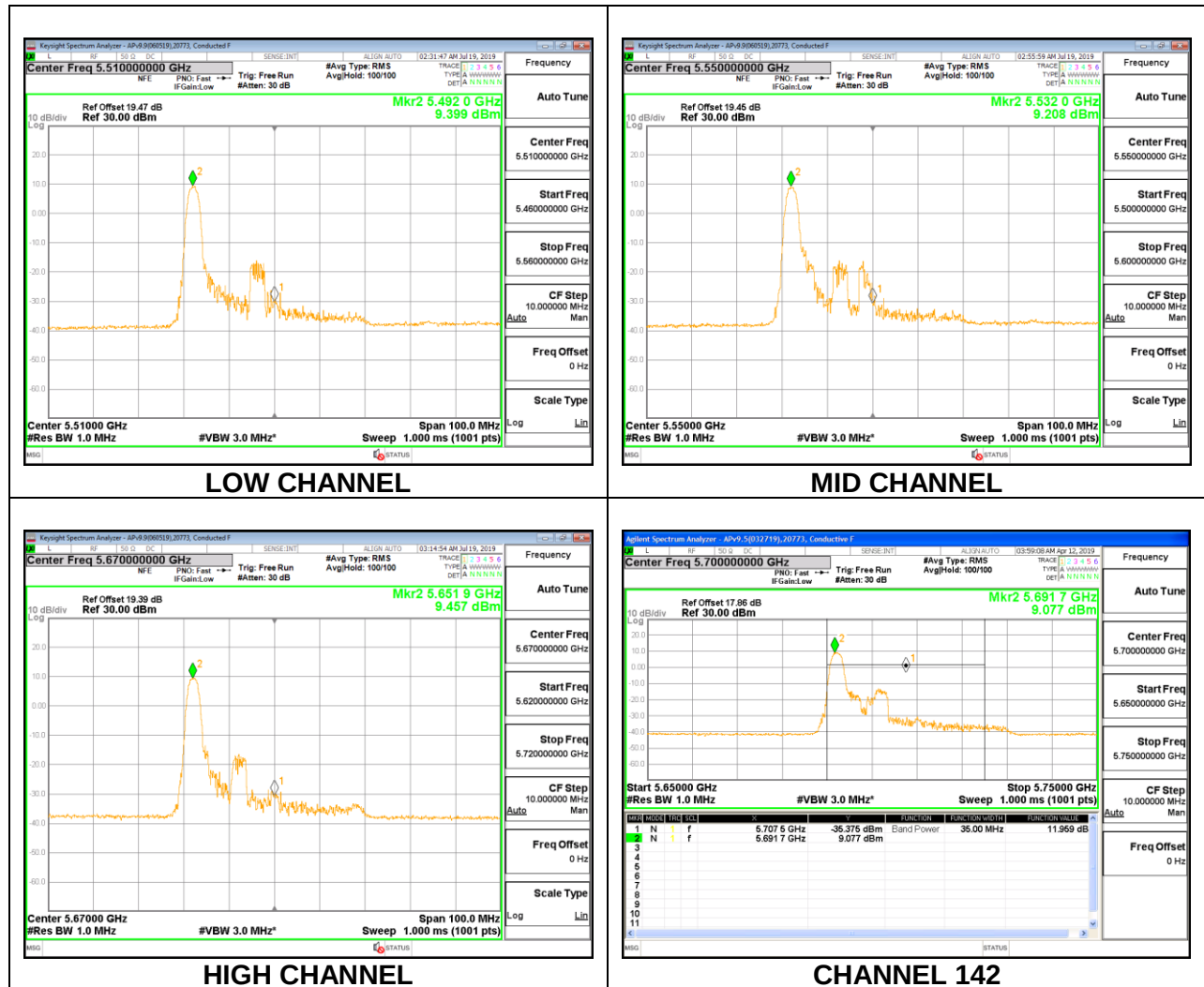
|                           |      |                                                           |
|---------------------------|------|-----------------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd Power &amp; PSD</b> |
|---------------------------|------|-------------------------------------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

**Output Power Results**

| Channel | Frequency<br>(MHz) | 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               | 11.93                  | 11.93                             | 23.69                   | -11.76                  |
| Mid     | 5550               | 11.91                  | 11.91                             | 23.65                   | -11.74                  |
| High    | 5670               | 11.88                  | 11.88                             | 23.63                   | -11.75                  |
| 142     | 5710               | 11.69                  | 11.69                             | 23.67                   | -11.98                  |

**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     | 5510               | 9.40                          | 9.40                                     | 11.00                          | -1.60                 |
| Mid     | 5550               | 9.21                          | 9.21                                     | 11.00                          | -1.79                 |
| High    | 5670               | 9.46                          | 9.46                                     | 11.00                          | -1.54                 |
| 142     | 5710               | 9.08                          | 9.08                                     | 11.00                          | -1.92                 |



**1TX Antenna 6 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>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|------------------------------|
| Low     | 5510               | 23.00                       | 21.9366                   | -1.60                        |
| Mid     | 5550               | 23.60                       | 21.8374                   | -1.60                        |
| High    | 5670               | 22.90                       | 22.2673                   | -1.60                        |
| 142     | 5710               | 22.70                       | 21.3620                   | -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     | 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                          |

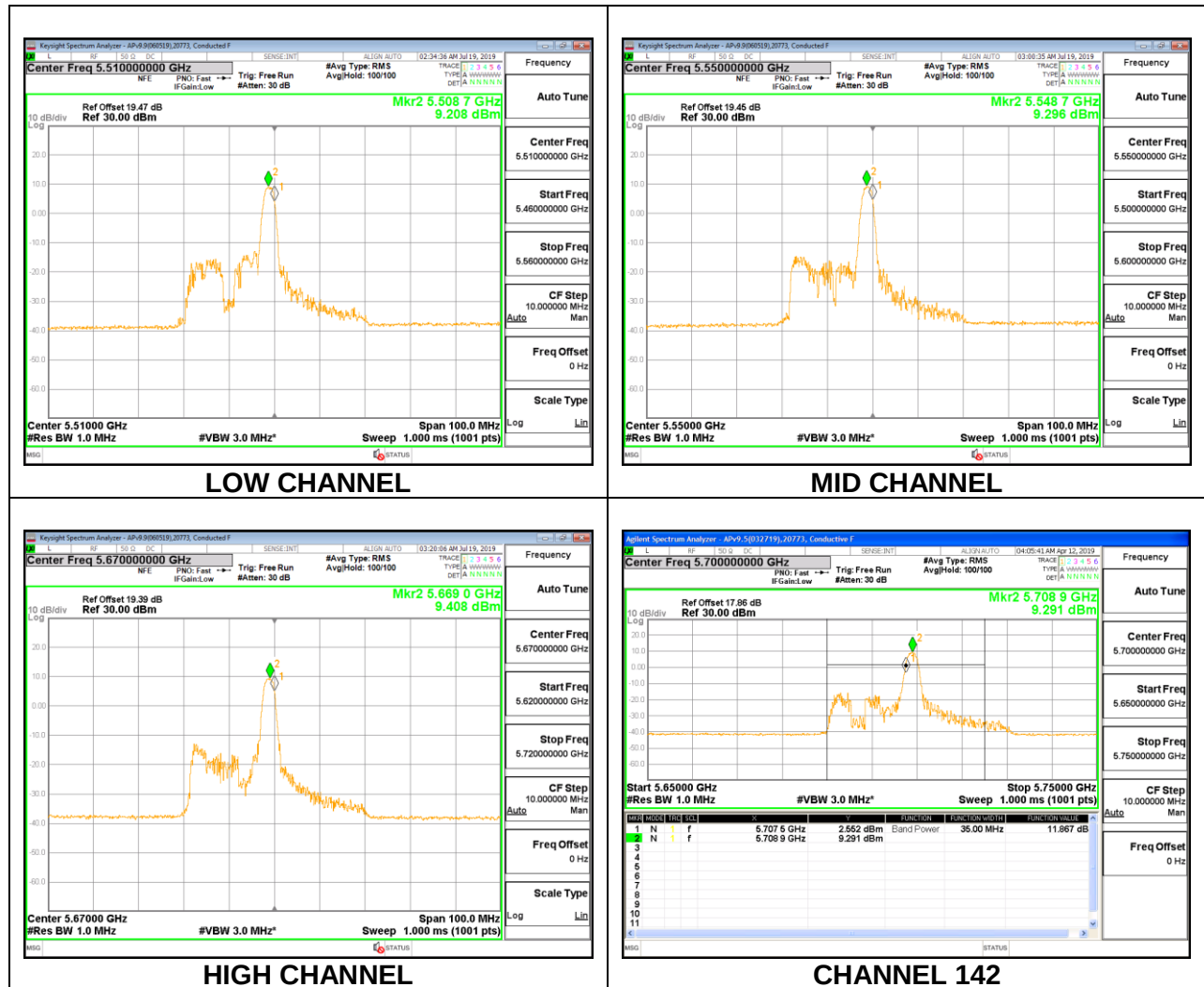
|                           |      |                                                           |
|---------------------------|------|-----------------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd Power &amp; PSD</b> |
|---------------------------|------|-------------------------------------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

**Output Power Results**

| Channel | Frequency<br>(MHz) | 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               | 11.90                  | 11.90                             | 24.00                   | -12.10                  |
| Mid     | 5550               | 11.94                  | 11.94                             | 24.00                   | -12.06                  |
| High    | 5670               | 11.94                  | 11.94                             | 24.00                   | -12.06                  |
| 142     | 5710               | 11.71                  | 11.71                             | 24.00                   | -12.29                  |

**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     | 5510               | 9.21                          | 9.21                                     | 11.00                          | -1.79                 |
| Mid     | 5550               | 9.30                          | 9.30                                     | 11.00                          | -1.70                 |
| High    | 5670               | 9.41                          | 9.41                                     | 11.00                          | -1.59                 |
| 142     | 5710               | 9.29                          | 9.29                                     | 11.00                          | -1.71                 |



**1TX Antenna 6 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>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|------------------------------|
| Low     | 5510               | 20.70                       | 18.6125                   | -1.60                        |
| Mid     | 5550               | 20.70                       | 18.5350                   | -1.60                        |
| High    | 5670               | 20.40                       | 18.6324                   | -1.60                        |
| 142     | 5710               | 20.20                       | 18.4470                   | -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     | 5510               | 24.00                          | 23.70                           | 29.70                          | 23.70                   | 11.00                                 | 11.00                                  | 11.00                          |
| Mid     | 5550               | 24.00                          | 23.68                           | 29.68                          | 23.68                   | 11.00                                 | 11.00                                  | 11.00                          |
| High    | 5670               | 24.00                          | 23.70                           | 29.70                          | 23.70                   | 11.00                                 | 11.00                                  | 11.00                          |
| 142     | 5710               | 24.00                          | 23.66                           | 29.66                          | 23.66                   | 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) | 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               | 11.89                  | 11.89                             | 23.70                   | -11.81                  |
| Mid     | 5550               | 11.92                  | 11.92                             | 23.68                   | -11.76                  |
| High    | 5670               | 11.88                  | 11.88                             | 23.70                   | -11.82                  |
| 142     | 5710               | 11.72                  | 11.72                             | 23.66                   | -11.94                  |

**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     | 5510               | 9.54                          | 9.54                                     | 11.00                          | -1.46                 |
| Mid     | 5550               | 9.50                          | 9.50                                     | 11.00                          | -1.50                 |
| High    | 5670               | 9.53                          | 9.53                                     | 11.00                          | -1.47                 |
| 142     | 5710               | -14.15                        | -14.15                                   | 11.00                          | -25.15                |



**1TX Antenna 5 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>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|------------------------------|
| Low     | 5510               | 41.90                       | 37.7600                   | -5.90                        |
| Mid     | 5550               | 41.80                       | 37.7340                   | -5.90                        |
| High    | 5670               | 42.10                       | 37.6100                   | -5.90                        |
| 142     | 5710               | 41.20                       | 37.5830                   | -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     | 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                          |

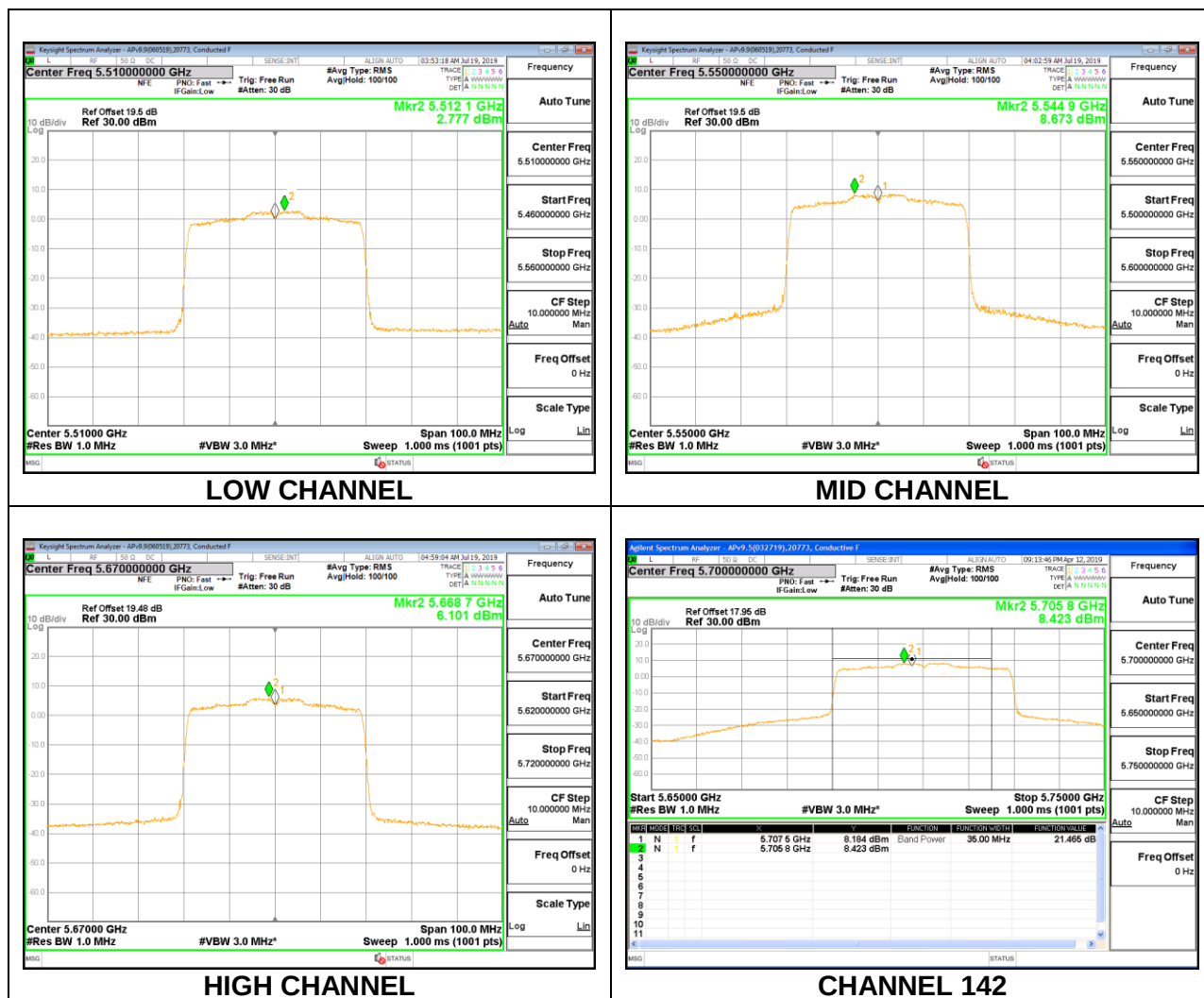
|                           |      |                                                           |
|---------------------------|------|-----------------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd Power &amp; PSD</b> |
|---------------------------|------|-------------------------------------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

**Output Power Results**

| Channel | Frequency<br>(MHz) | 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               | 15.95                  | 15.95                             | 24.00                   | -8.05                   |
| Mid     | 5550               | 21.41                  | 21.41                             | 24.00                   | -2.59                   |
| High    | 5670               | 18.94                  | 18.94                             | 24.00                   | -5.06                   |
| 142     | 5710               | 21.17                  | 21.17                             | 24.00                   | -2.83                   |

**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     | 5510               | 2.78                          | 2.78                                     | 11.00                          | -8.22                 |
| Mid     | 5550               | 8.67                          | 8.67                                     | 11.00                          | -2.33                 |
| High    | 5670               | 6.10                          | 6.10                                     | 11.00                          | -4.90                 |
| 142     | 5710               | 8.42                          | 8.42                                     | 11.00                          | -2.58                 |



**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     | 5510               | 19.90                       | 18.3739                   | -5.90                        |
| Mid     | 5550               | 19.70                       | 18.6530                   | -5.90                        |
| High    | 5670               | 20.10                       | 18.4701                   | -5.90                        |
| 142     | 5710               | 19.90                       | 18.3710                   | -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     | 5510               | 23.99                          | 23.64                           | 29.64                          | 23.64                   | 11.00                                 | 11.00                                  | 11.00                          |
| Mid     | 5550               | 23.94                          | 23.71                           | 29.71                          | 23.71                   | 11.00                                 | 11.00                                  | 11.00                          |
| High    | 5670               | 24.00                          | 23.66                           | 29.66                          | 23.66                   | 11.00                                 | 11.00                                  | 11.00                          |
| 142     | 5710               | 23.99                          | 23.64                           | 29.64                          | 23.64                   | 11.00                                 | 11.00                                  | 11.00                          |

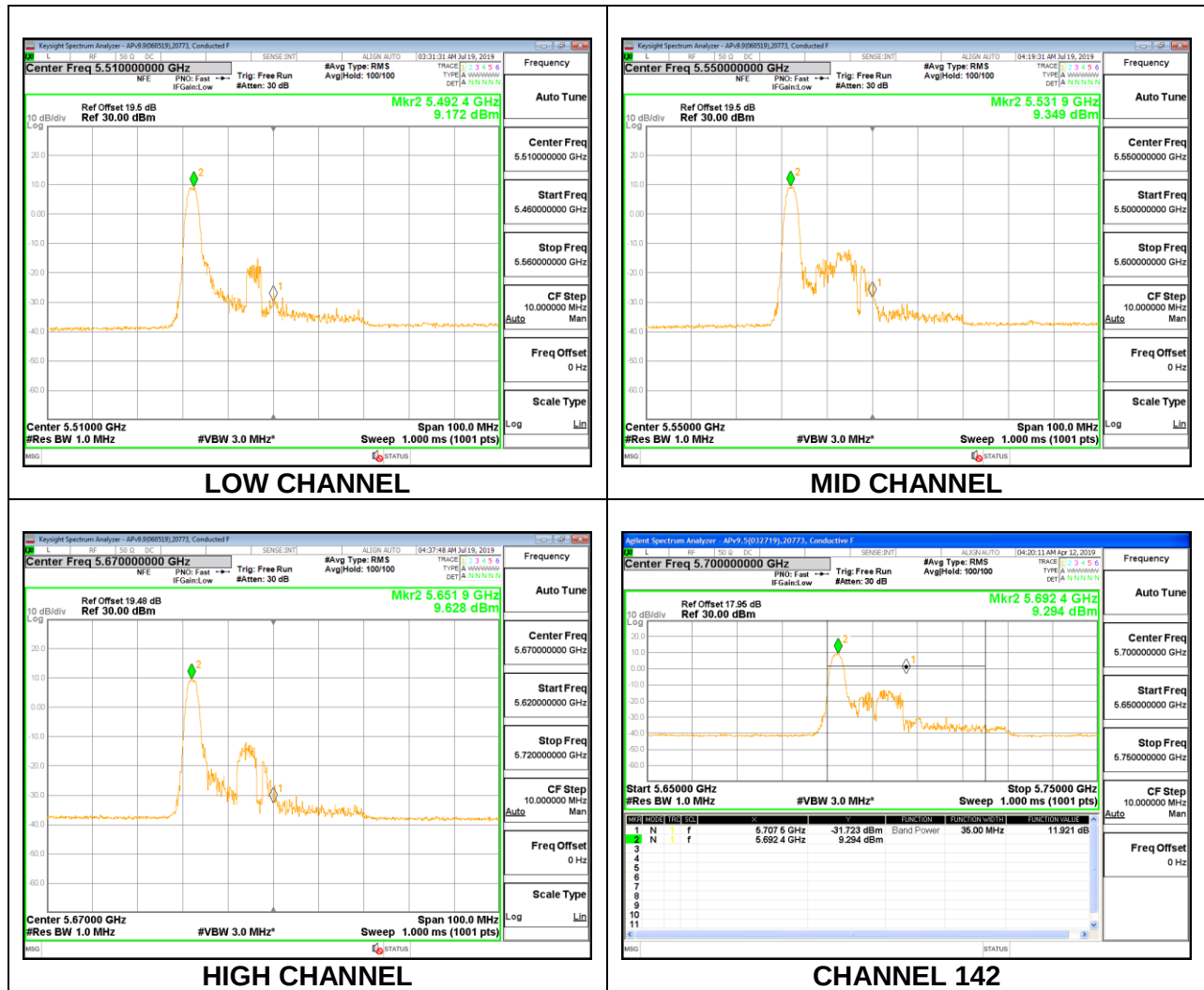
|                           |      |                                                           |
|---------------------------|------|-----------------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd Power &amp; PSD</b> |
|---------------------------|------|-------------------------------------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

**Output Power Results**

| Channel | Frequency<br>(MHz) | 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               | 11.98                  | 11.98                             | 23.64                   | -11.66                  |
| Mid     | 5550               | 11.92                  | 11.92                             | 23.71                   | -11.79                  |
| High    | 5670               | 11.95                  | 11.95                             | 23.66                   | -11.71                  |
| 142     | 5710               | 11.72                  | 11.72                             | 23.64                   | -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     | 5510               | 9.17                          | 9.17                                     | 11.00                          | -1.83                 |
| Mid     | 5550               | 9.35                          | 9.35                                     | 11.00                          | -1.65                 |
| High    | 5670               | 9.63                          | 9.63                                     | 11.00                          | -1.37                 |
| 142     | 5710               | 9.29                          | 9.29                                     | 11.00                          | -1.71                 |



**1TX Antenna 5 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>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|------------------------------|
| Low     | 5510               | 23.00                       | 21.6864                   | -5.90                        |
| Mid     | 5550               | 22.90                       | 22.2571                   | -5.90                        |
| High    | 5670               | 22.70                       | 22.3368                   | -5.90                        |
| 142     | 5710               | 23.40                       | 21.3180                   | -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     | 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                          |

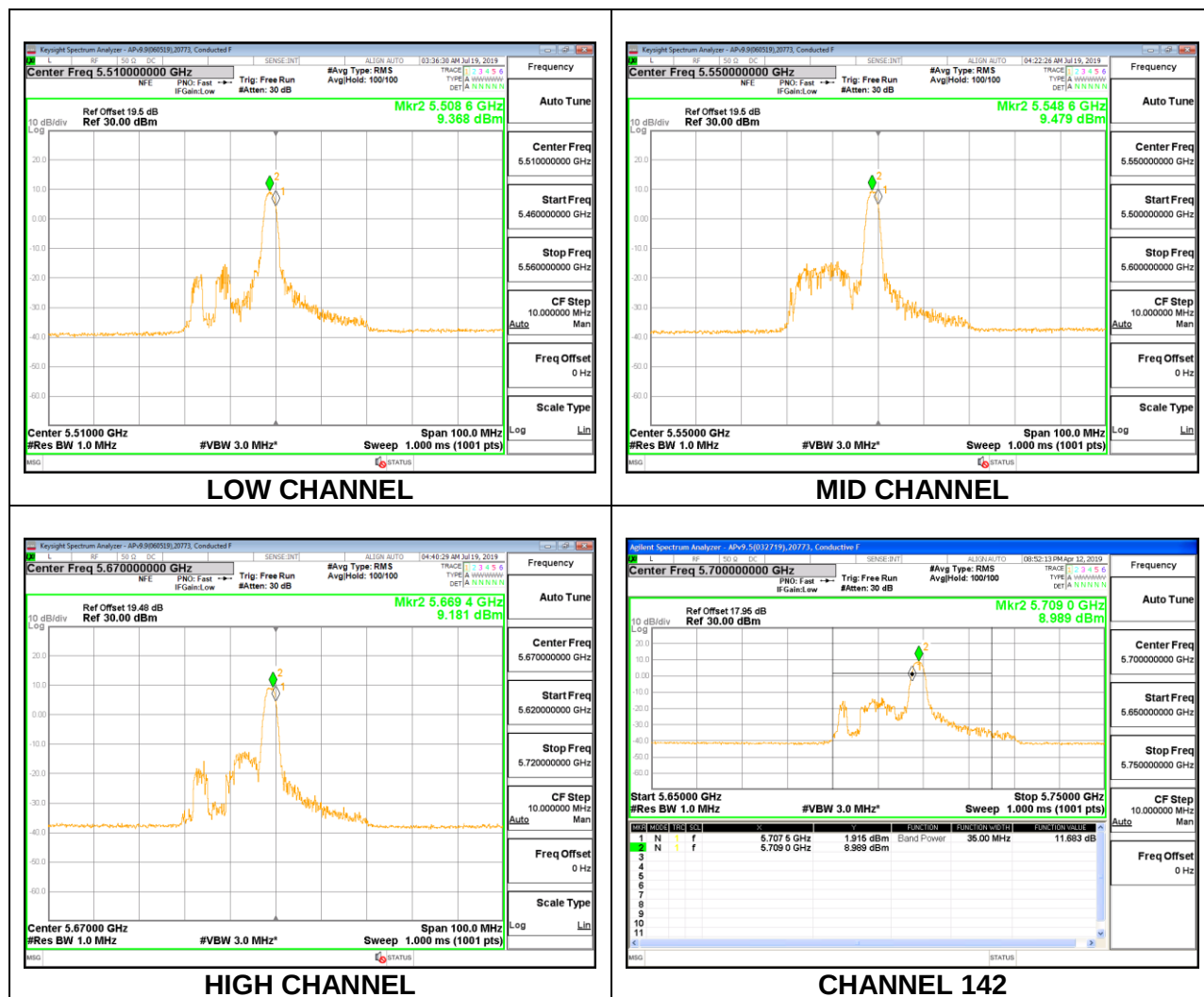
|                           |      |                                                           |
|---------------------------|------|-----------------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd Power &amp; PSD</b> |
|---------------------------|------|-------------------------------------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

**Output Power Results**

| Channel | Frequency<br>(MHz) | 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               | 11.92                  | 11.92                             | 24.00                   | -12.08                  |
| Mid     | 5550               | 11.89                  | 11.89                             | 24.00                   | -12.11                  |
| High    | 5670               | 11.91                  | 11.91                             | 24.00                   | -12.09                  |
| 142     | 5710               | 11.68                  | 11.68                             | 24.00                   | -12.32                  |

**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     | 5510               | 9.37                          | 9.37                                     | 11.00                          | -1.63                 |
| Mid     | 5550               | 9.48                          | 9.48                                     | 11.00                          | -1.52                 |
| High    | 5670               | 9.18                          | 9.18                                     | 11.00                          | -1.82                 |
| 142     | 5710               | 8.99                          | 8.99                                     | 11.00                          | -2.01                 |



**1TX Antenna 5 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>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|------------------------------|
| Low     | 5510               | 19.90                       | 18.7395                   | -5.90                        |
| Mid     | 5550               | 19.50                       | 18.6841                   | -5.90                        |
| High    | 5670               | 19.60                       | 18.6905                   | -5.90                        |
| 142     | 5710               | 20.20                       | 18.4500                   | -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     | 5510               | 23.99                          | 23.73                           | 29.73                          | 23.73                   | 11.00                                 | 11.00                                  | 11.00                          |
| Mid     | 5550               | 23.90                          | 23.71                           | 29.71                          | 23.71                   | 11.00                                 | 11.00                                  | 11.00                          |
| High    | 5670               | 23.92                          | 23.72                           | 29.72                          | 23.72                   | 11.00                                 | 11.00                                  | 11.00                          |
| 142     | 5710               | 24.00                          | 23.66                           | 29.66                          | 23.66                   | 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) | 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               | 11.97                  | 11.97                             | 23.73                   | -11.76                  |
| Mid     | 5550               | 11.95                  | 11.95                             | 23.71                   | -11.76                  |
| High    | 5670               | 11.95                  | 11.95                             | 23.72                   | -11.77                  |
| 142     | 5710               | 11.66                  | 11.66                             | 23.66                   | -12.00                  |

**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     | 5510               | 9.24                          | 9.24                                     | 11.00                          | -1.76                 |
| Mid     | 5550               | 9.53                          | 9.53                                     | 11.00                          | -1.47                 |
| High    | 5670               | 9.50                          | 9.50                                     | 11.00                          | -1.50                 |
| 142     | 5710               | -13.76                        | -13.76                                   | 11.00                          | -24.76                |