

**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 0**

|                       |                    |
|-----------------------|--------------------|
| <b>Test Engineer:</b> | 26118              |
| <b>Test Date:</b>     | 10/11/21; 09/21/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5260               | 19.61                       | -1.34                                     | 1.64                                    | 23.92                   | 11.00                      |
| Mid     | 5300               | 19.52                       | -1.34                                     | 1.64                                    | 23.90                   | 11.00                      |
| High    | 5320               | 19.79                       | -1.34                                     | 1.64                                    | 23.96                   | 11.00                      |

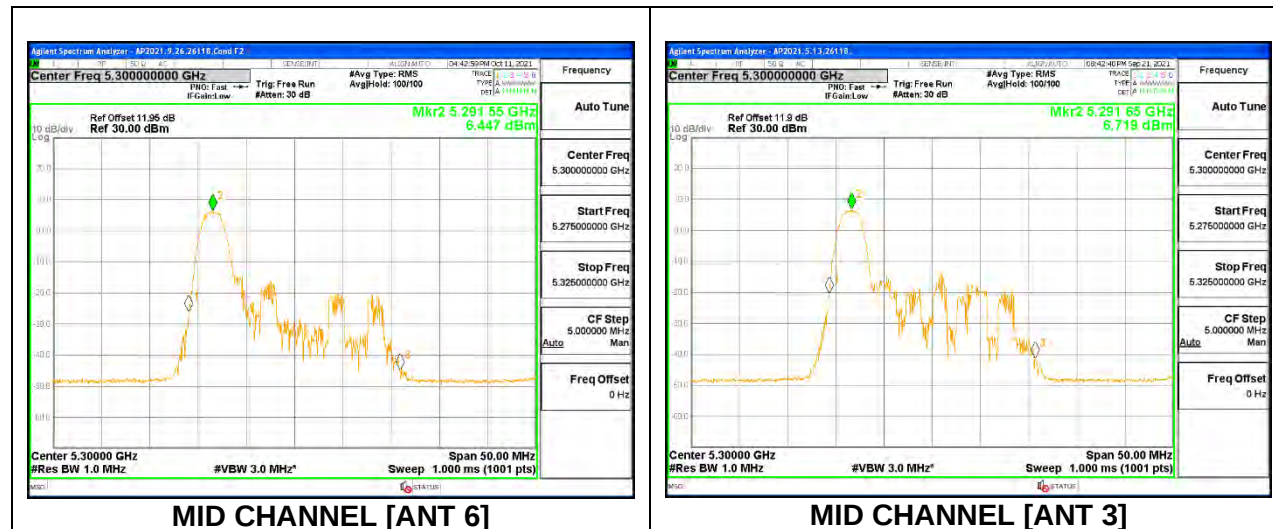
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 8.70                                | 8.73                                | 11.73                             | 23.92                   | -12.20                  |
| Mid     | 5300               | 8.60                                | 8.74                                | 11.68                             | 23.90                   | -12.22                  |
| High    | 5320               | 8.67                                | 8.57                                | 11.63                             | 23.96                   | -12.33                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5260               | 6.640                                  | 6.715                                  | 9.688                                | 11.00                      | -1.312                |
| Mid     | 5300               | 6.447                                  | 6.719                                  | 9.595                                | 11.00                      | -1.405                |
| High    | 5320               | 6.608                                  | 6.375                                  | 9.503                                | 11.00                      | -1.497                |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 4**

|                       |                    |
|-----------------------|--------------------|
| <b>Test Engineer:</b> | 26118              |
| <b>Test Date:</b>     | 10/11/21; 09/21/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5260               | 18.36                       | -1.34                                     | 1.64                                    | 23.64                   | 11.00                      |
| Mid     | 5300               | 18.28                       | -1.34                                     | 1.64                                    | 23.62                   | 11.00                      |
| High    | 5320               | 18.34                       | -1.34                                     | 1.64                                    | 23.63                   | 11.00                      |

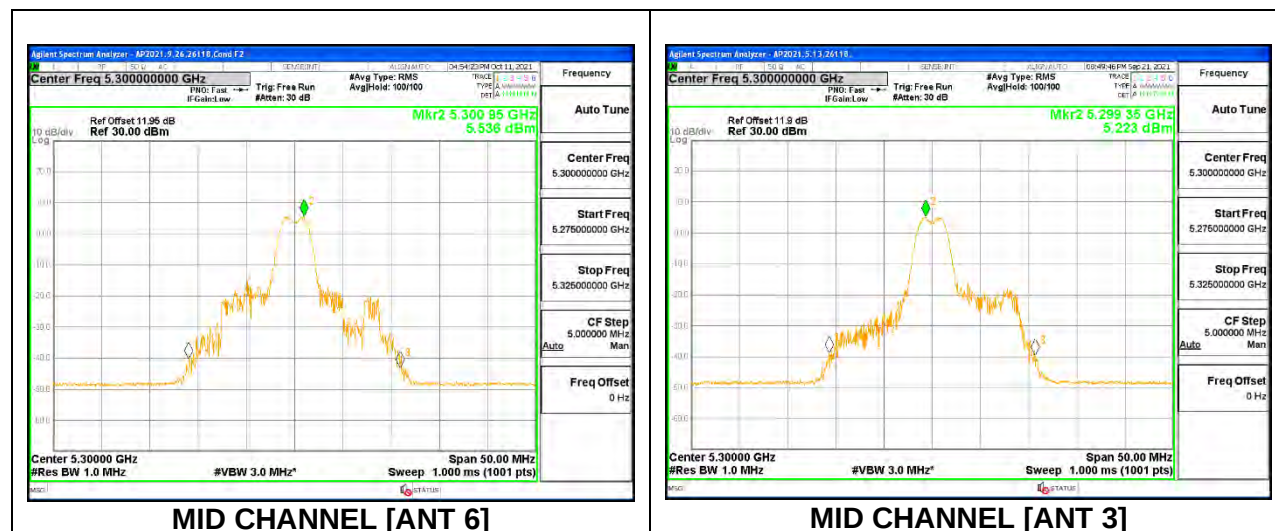
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 8.60                                | 8.71                                | 11.67                             | 23.64                   | -11.97                  |
| Mid     | 5300               | 8.68                                | 8.59                                | 11.65                             | 23.62                   | -11.97                  |
| High    | 5320               | 8.70                                | 8.65                                | 11.69                             | 23.63                   | -11.95                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5260               | 5.366                                  | 5.591                                  | 8.490                                | 11.00                      | -2.510                |
| Mid     | 5300               | 5.536                                  | 5.223                                  | 8.393                                | 11.00                      | -2.607                |
| High    | 5320               | 5.538                                  | 5.422                                  | 8.491                                | 11.00                      | -2.509                |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 8**

|                       |                    |
|-----------------------|--------------------|
| <b>Test Engineer:</b> | 26118              |
| <b>Test Date:</b>     | 10/11/21; 09/21/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5260               | 19.78                       | -1.34                                     | 1.64                                    | 23.96                   | 11.00                      |
| Mid     | 5300               | 19.94                       | -1.34                                     | 1.64                                    | 24.00                   | 11.00                      |
| High    | 5320               | 19.81                       | -1.34                                     | 1.64                                    | 23.97                   | 11.00                      |

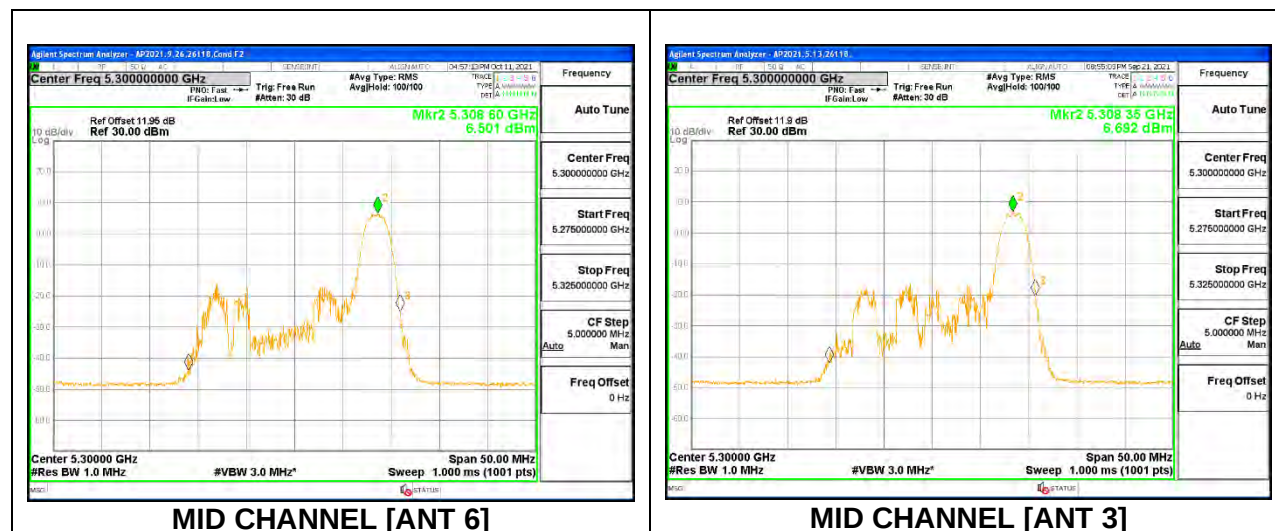
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 8.60                                | 8.71                                | 11.67                             | 23.96                   | -12.30                  |
| Mid     | 5300               | 8.58                                | 8.64                                | 11.62                             | 24.00                   | -12.38                  |
| High    | 5320               | 8.75                                | 8.53                                | 11.65                             | 23.97                   | -12.32                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5260               | 6.559                                  | 6.912                                  | 9.749                                | 11.00                      | -1.251                |
| Mid     | 5300               | 6.501                                  | 6.692                                  | 9.608                                | 11.00                      | -1.392                |
| High    | 5320               | 7.019                                  | 6.405                                  | 9.733                                | 11.00                      | -1.267                |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – SU Mode**

|                       |                   |
|-----------------------|-------------------|
| <b>Test Engineer:</b> | 26118             |
| <b>Test Date:</b>     | 09/24/21;09/21/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5260               | 21.11                       | -1.34                                     | 1.64                                    | 24.00                   | 11.00                      |
| Mid     | 5300               | 21.14                       | -1.34                                     | 1.64                                    | 24.00                   | 11.00                      |
| High    | 5320               | 21.37                       | -1.34                                     | 1.64                                    | 24.00                   | 11.00                      |

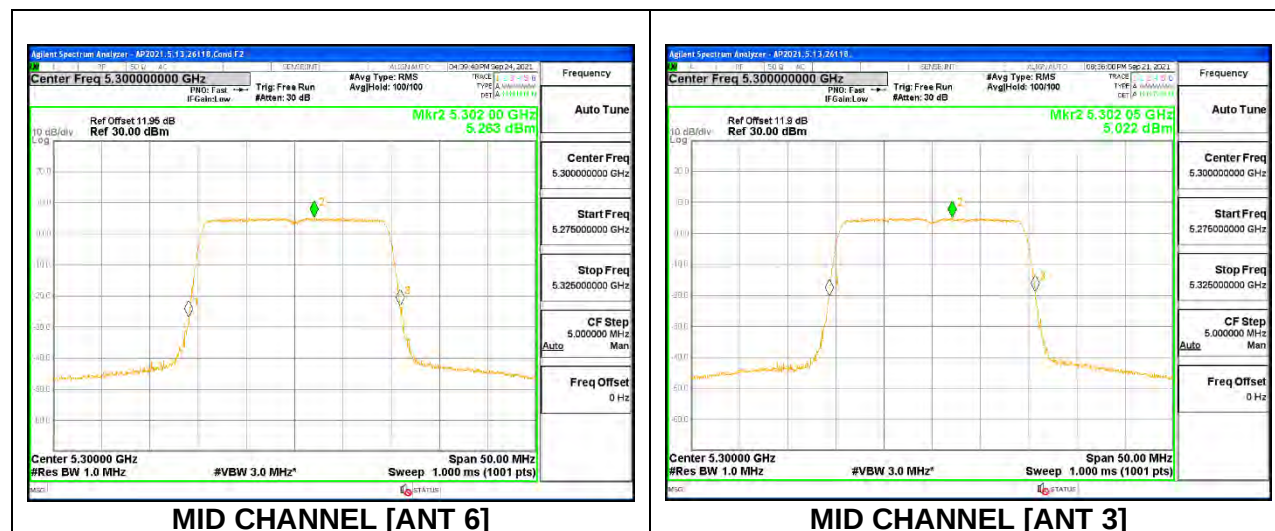
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 16.41                               | 16.54                               | 19.49                             | 24.00                   | -4.51                   |
| Mid     | 5300               | 16.45                               | 16.36                               | 19.42                             | 24.00                   | -4.58                   |
| High    | 5320               | 14.40                               | 14.38                               | 17.40                             | 24.00                   | -6.60                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5260               | 5.116                                  | 5.492                                  | 8.318                                | 11.00                      | -2.682                |
| Mid     | 5300               | 5.263                                  | 5.022                                  | 8.154                                | 11.00                      | -2.846                |
| High    | 5320               | 3.207                                  | 3.204                                  | 6.216                                | 11.00                      | -4.784                |



## 9.4.11. 802.11ax HE40 MODE IN THE 5.3 GHz BAND

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

|                |          |
|----------------|----------|
| Test Engineer: | 26118    |
| Test Date:     | 09/29/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5270               | 20.86                       | -2.10                        | 24.00                   | 11.00                      |
| High    | 5310               | 20.74                       | -2.10                        | 24.00                   | 11.00                      |

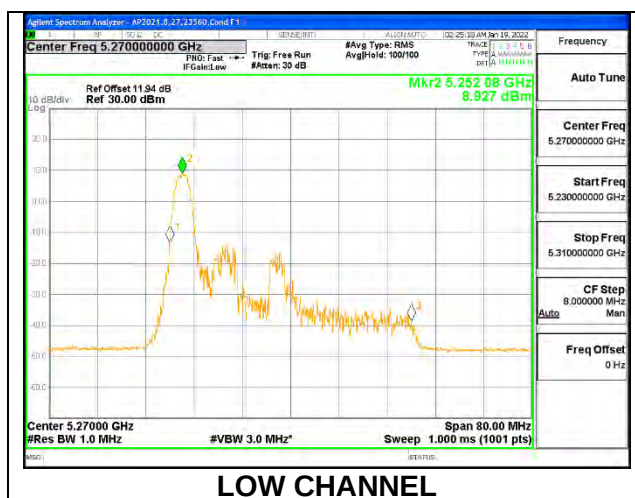
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<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     | 5270               | 10.87                               | 10.87                             | 24.00                   | -13.13                  |
| High    | 5310               | 10.65                               | 10.65                             | 24.00                   | -13.35                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5270               | 8.927                                  | 8.927                                | 11.00                      | -2.073                |
| High    | 5310               | 8.453                                  | 8.453                                | 11.00                      | -2.547                |



**1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 8**

|                |            |
|----------------|------------|
| Test Engineer: | 26118      |
| Test Date:     | 01/19/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5270               | 23.84                       | -2.10                        | 24.00                   | 11.00                      |
| High    | 5310               | 23.96                       | -2.10                        | 24.00                   | 11.00                      |

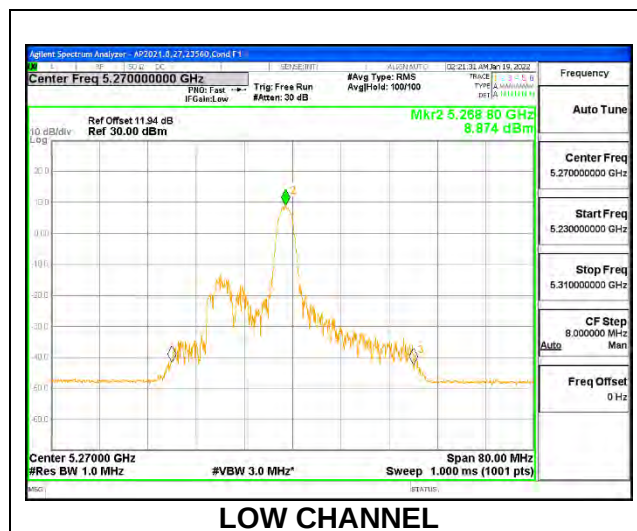
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<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     | 5270               | 11.92                               | 11.92                             | 24.00                   | -12.08                  |
| High    | 5310               | 11.65                               | 11.65                             | 24.00                   | -12.35                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5270               | 8.874                                  | 8.874                                | 11.00                      | -2.126                |
| High    | 5310               | 8.418                                  | 8.418                                | 11.00                      | -2.582                |



**1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 17**

|                |            |
|----------------|------------|
| Test Engineer: | 26118      |
| Test Date:     | 01/19/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5270               | 20.68                       | -2.10                        | 24.00                   | 11.00                      |
| High    | 5310               | 20.95                       | -2.10                        | 24.00                   | 11.00                      |

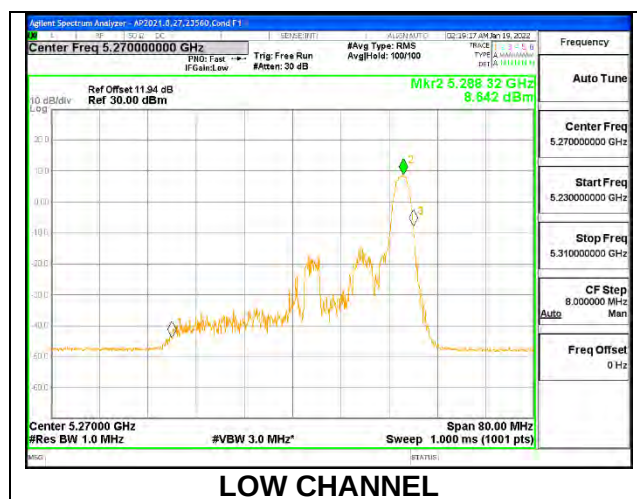
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<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     | 5270               | 11.84                               | 11.84                             | 24.00                   | -12.16                  |
| High    | 5310               | 11.75                               | 11.75                             | 24.00                   | -12.25                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5270               | 8.642                                  | 8.642                                | 11.00                      | -2.358                |
| High    | 5310               | 8.503                                  | 8.503                                | 11.00                      | -2.497                |



**1TX Antenna 6 MODE (FCC) – SU Mode**

|                |            |
|----------------|------------|
| Test Engineer: | 26118      |
| Test Date:     | 01/19/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5270               | 41.22                       | -2.10                        | 24.00                   | 11.00                      |
| High    | 5310               | 41.71                       | -2.10                        | 24.00                   | 11.00                      |

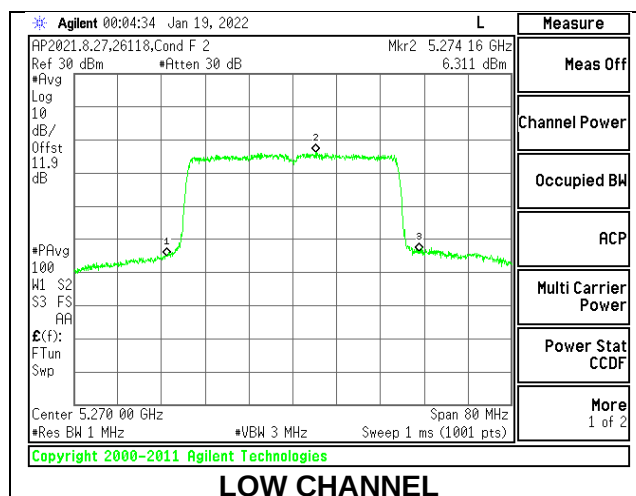
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<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     | 5270               | 20.30                               | 20.30                             | 24.00                   | -3.70                   |
| High    | 5310               | 14.89                               | 14.89                             | 24.00                   | -9.11                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5270               | 6.311                                  | 6.311                                | 11.00                      | -4.689                |
| High    | 5310               | 1.415                                  | 1.415                                | 11.00                      | -9.585                |



**1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 0**

|                |            |
|----------------|------------|
| Test Engineer: | 20737      |
| Test Date:     | 01/18/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5270               | 21.17                       | -0.70                        | 24.00                   | 11.00                      |
| High    | 5310               | 21.33                       | -0.70                        | 24.00                   | 11.00                      |

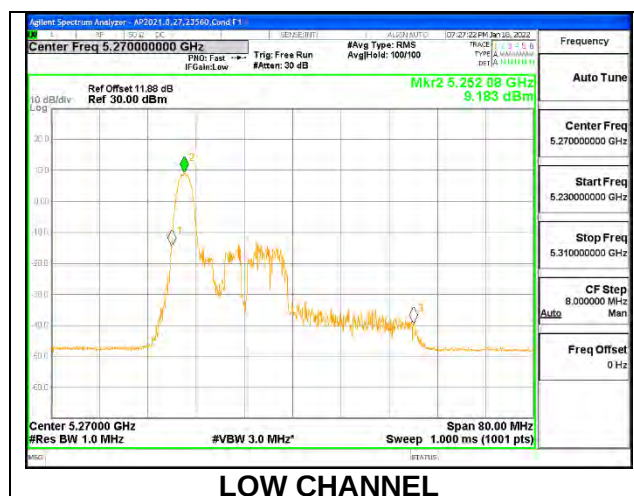
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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     | 5270               | 10.95                               | 10.95                             | 24.00                   | -13.05                  |
| High    | 5310               | 10.65                               | 10.65                             | 24.00                   | -13.35                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5270               | 9.183                                  | 9.183                                | 11.00                      | -1.817                |
| High    | 5310               | 8.563                                  | 8.563                                | 11.00                      | -2.437                |



**1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 8**

|                |            |
|----------------|------------|
| Test Engineer: | 20737      |
| Test Date:     | 01/18/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5270               | 23.94                       | -0.70                        | 24.00                   | 11.00                      |
| High    | 5310               | 24.86                       | -0.70                        | 24.00                   | 11.00                      |

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

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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     | 5270               | 10.94                               | 10.94                             | 24.00                   | -13.06                  |
| High    | 5310               | 10.68                               | 10.68                             | 24.00                   | -13.32                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5270               | 8.955                                  | 8.955                                | 11.00                      | -2.045                |
| High    | 5310               | 8.599                                  | 8.599                                | 11.00                      | -2.401                |



**1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 17**

|                |            |
|----------------|------------|
| Test Engineer: | 20737      |
| Test Date:     | 01/18/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5270               | 21.16                       | -0.70                        | 24.00                   | 11.00                      |
| High    | 5310               | 21.48                       | -0.70                        | 24.00                   | 11.00                      |

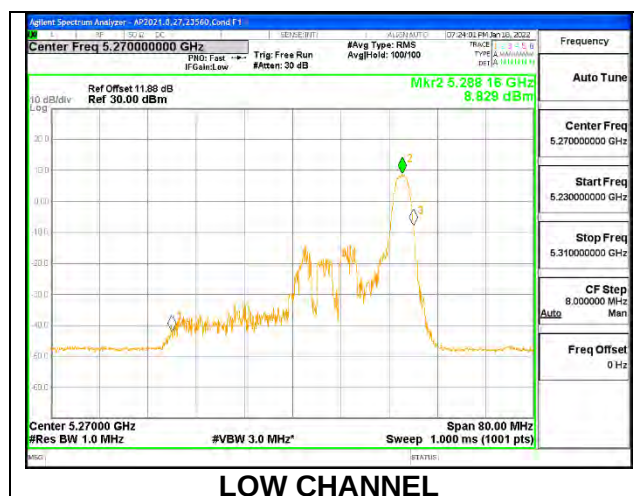
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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     | 5270               | 10.88                               | 10.88                             | 24.00                   | -13.12                  |
| High    | 5310               | 10.70                               | 10.70                             | 24.00                   | -13.30                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5270               | 8.829                                  | 8.829                                | 11.00                      | -2.171                |
| High    | 5310               | 8.662                                  | 8.662                                | 11.00                      | -2.338                |



**1TX Antenna 3 MODE (FCC) – SU Mode**

|                |            |
|----------------|------------|
| Test Engineer: | 23560      |
| Test Date:     | 01/18/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5270               | 41.49                       | -0.70                        | 24.00                   | 11.00                      |
| High    | 5310               | 43.13                       | -0.70                        | 24.00                   | 11.00                      |

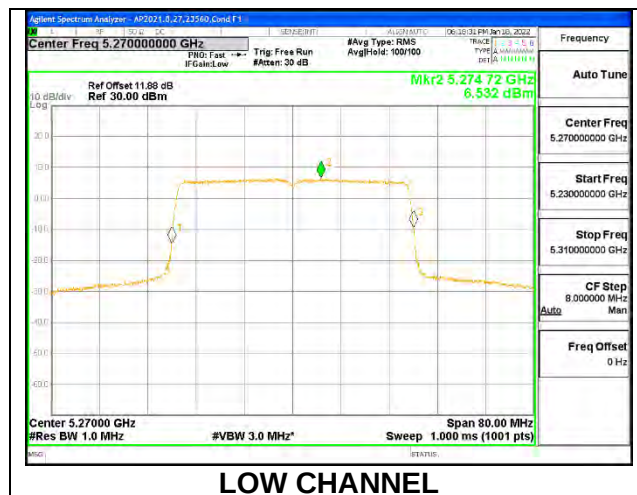
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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     | 5270               | 20.22                               | 20.22                             | 24.00                   | -3.78                   |
| High    | 5310               | 14.75                               | 14.75                             | 24.00                   | -9.25                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5270               | 6.532                                  | 6.532                                | 11.00                      | -4.468                |
| High    | 5310               | 1.631                                  | 1.631                                | 11.00                      | -9.369                |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 0**

|                       |                    |
|-----------------------|--------------------|
| <b>Test Engineer:</b> | 26118; 20737       |
| <b>Test Date:</b>     | 09/30/21; 10/12/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5270               | 20.13                       | -1.34                                     | 1.64                                    | 24.00                   | 11.00                      |
| High    | 5310               | 20.37                       | -1.34                                     | 1.64                                    | 24.00                   | 11.00                      |

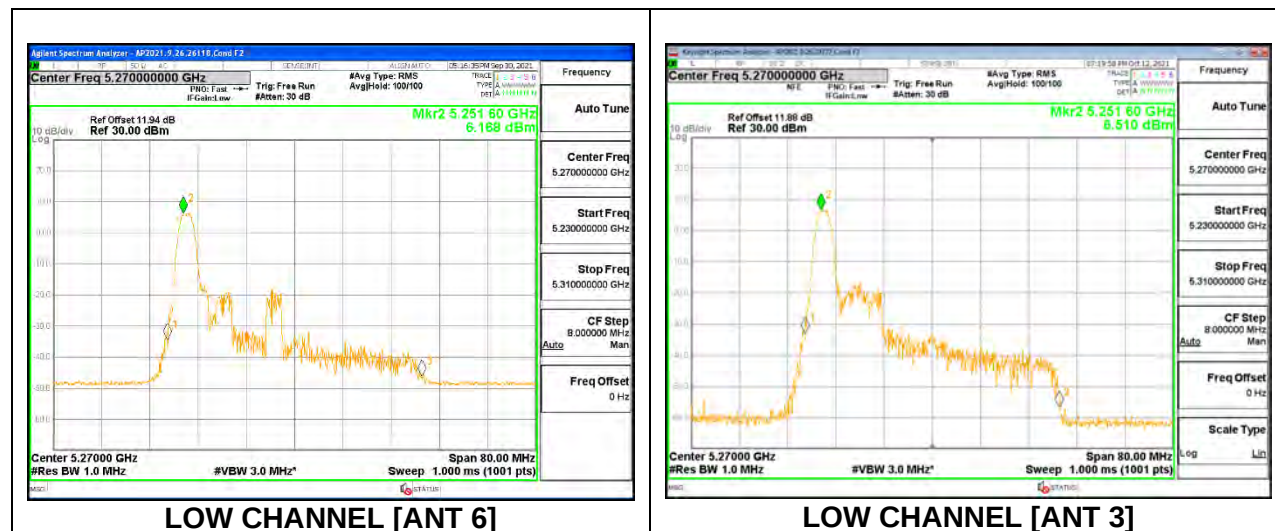
|                           |      |                                        |
|---------------------------|------|----------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | Included in Calculations of Corr'd PSD |
|---------------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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     | 5270               | 8.57                                | 8.64                                | 11.62                             | 24.00                   | -12.38                  |
| High    | 5310               | 8.67                                | 8.71                                | 11.70                             | 24.00                   | -12.30                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5270               | 6.17                                   | 6.51                                   | 9.353                                | 11.00                      | -1.647                |
| High    | 5310               | 6.59                                   | 6.65                                   | 9.630                                | 11.00                      | -1.370                |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 8**

|                       |                    |
|-----------------------|--------------------|
| <b>Test Engineer:</b> | 26118              |
| <b>Test Date:</b>     | 09/30/21; 10/04/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5270               | 23.23                       | -1.34                                     | 1.64                                    | 24.00                   | 11.00                      |
| High    | 5310               | 23.33                       | -1.34                                     | 1.64                                    | 24.00                   | 11.00                      |

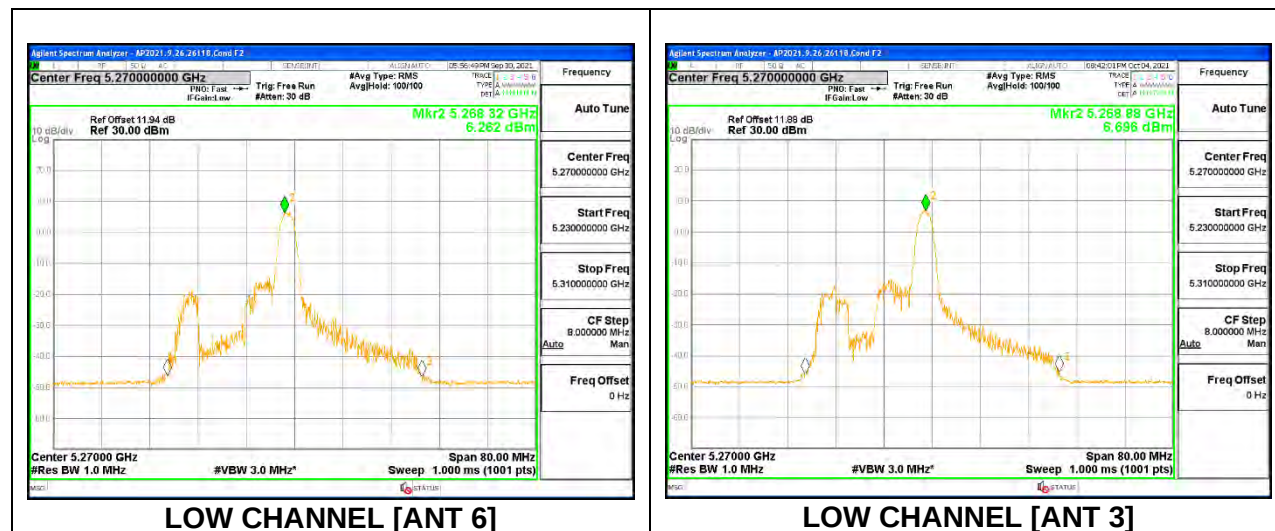
|                           |      |                                        |
|---------------------------|------|----------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | Included in Calculations of Corr'd PSD |
|---------------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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     | 5270               | 8.54                                | 8.71                                | 11.64                             | 24.00                   | -12.36                  |
| High    | 5310               | 8.67                                | 8.70                                | 11.70                             | 24.00                   | -12.30                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5270               | 6.262                                  | 6.696                                  | 9.495                                | 11.00                      | -1.505                |
| High    | 5310               | 6.604                                  | 6.669                                  | 9.647                                | 11.00                      | -1.353                |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 17**

|                       |                    |
|-----------------------|--------------------|
| <b>Test Engineer:</b> | 26118              |
| <b>Test Date:</b>     | 09/30/21; 10/04/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5270               | 20.07                       | -1.34                                     | 1.64                                    | 24.00                   | 11.00                      |
| High    | 5310               | 19.78                       | -1.34                                     | 1.64                                    | 23.96                   | 11.00                      |

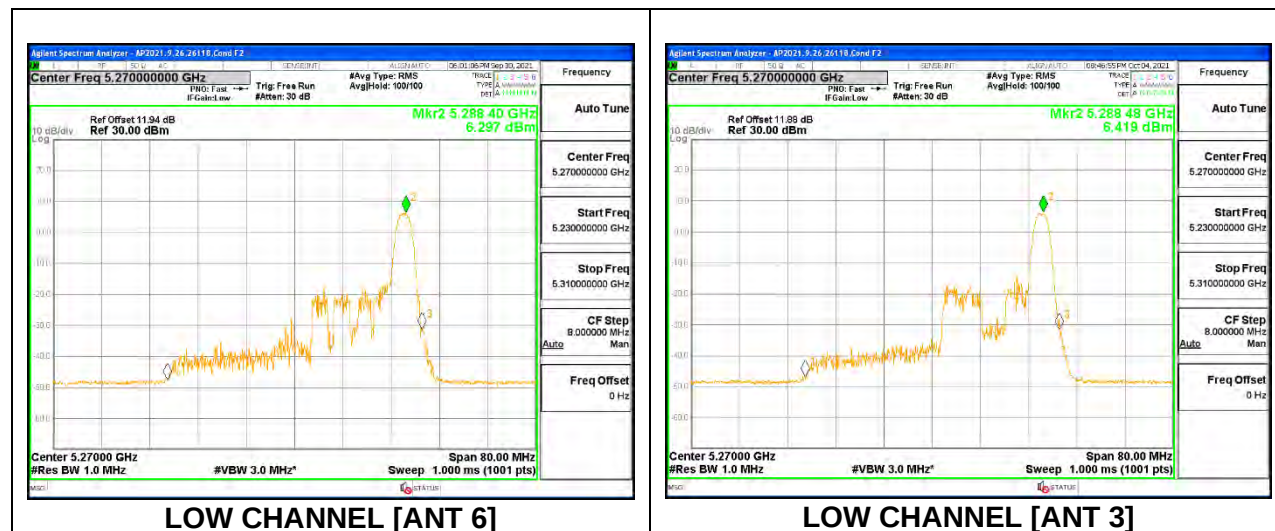
|                           |      |                                        |
|---------------------------|------|----------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | Included in Calculations of Corr'd PSD |
|---------------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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     | 5270               | 8.60                                | 8.67                                | 11.65                             | 24.00                   | -12.35                  |
| High    | 5310               | 8.75                                | 8.73                                | 11.75                             | 23.96                   | -12.21                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5270               | 6.297                                  | 6.419                                  | 9.369                                | 11.00                      | -1.631                |
| High    | 5310               | 6.572                                  | 6.517                                  | 9.555                                | 11.00                      | -1.445                |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – SU Mode**

|                       |                    |
|-----------------------|--------------------|
| <b>Test Engineer:</b> | 26118; 23560       |
| <b>Test Date:</b>     | 09/28/21; 09/24/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5270               | 41.09                       | -1.34                                     | 1.64                                    | 24.00                   | 11.00                      |
| High    | 5310               | 42.26                       | -1.34                                     | 1.64                                    | 24.00                   | 11.00                      |

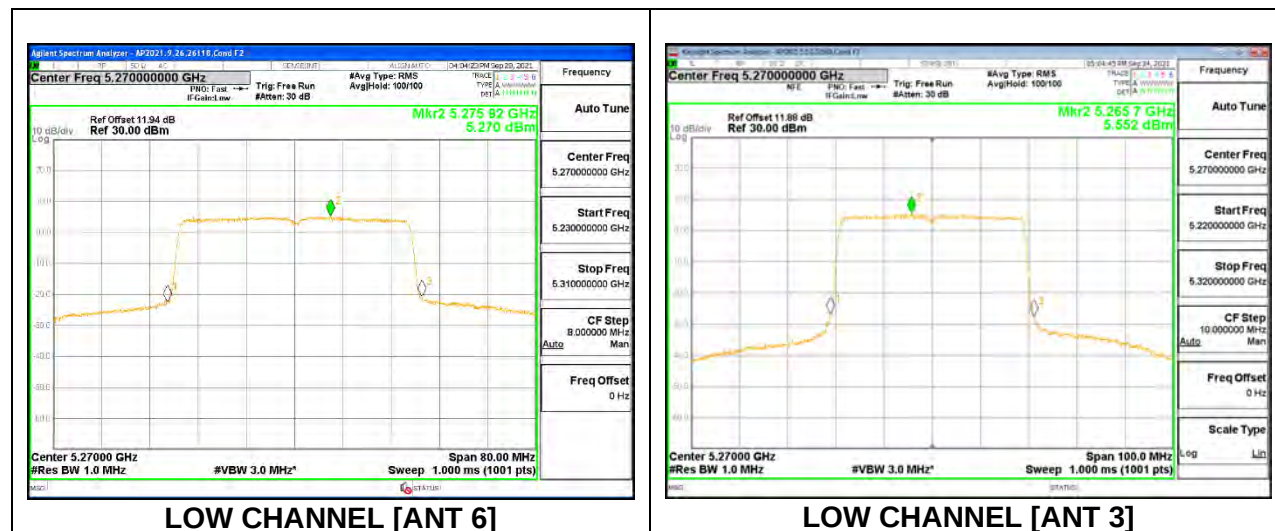
|                           |      |                                        |
|---------------------------|------|----------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.11 | Included in Calculations of Corr'd PSD |
|---------------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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     | 5270               | 19.16                               | 19.21                               | 22.20                             | 24.00                   | -1.80                   |
| High    | 5310               | 14.35                               | 14.20                               | 17.29                             | 24.00                   | -6.71                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5270               | 5.270                                  | 5.552                                  | 8.534                                | 11.00                      | -2.466                |
| High    | 5310               | 1.135                                  | 0.960                                  | 4.169                                | 11.00                      | -6.831                |



## 9.4.12. 802.11ax HE80 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 0

|                |            |
|----------------|------------|
| Test Engineer: | 26118      |
| Test Date:     | 01/19/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Mid     | 5290               | 19.64                       | -2.10                        | 23.93                   | 11.00                      |

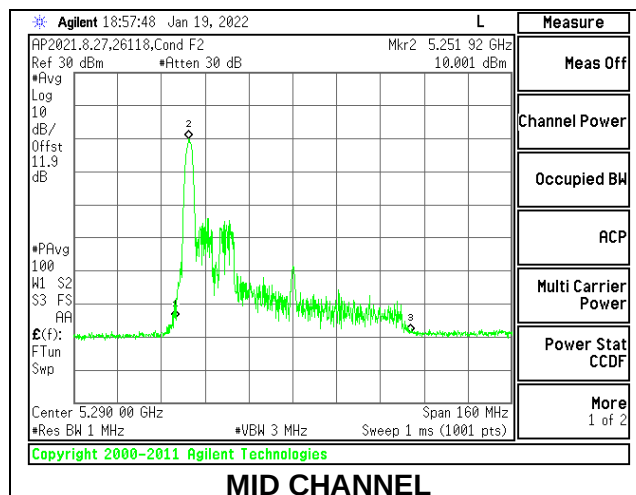
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 11.92                               | 11.92                             | 23.93                   | -12.01                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Mid     | 5290               | 10.001                                 | 10.001                               | 11.00                      | -1.00                 |



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

|                       |            |
|-----------------------|------------|
| <b>Test Engineer:</b> | 26118      |
| <b>Test Date:</b>     | 01/19/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Mid     | 5290               | 40.75                       | -2.10                        | 24.00                   | 11.00                      |

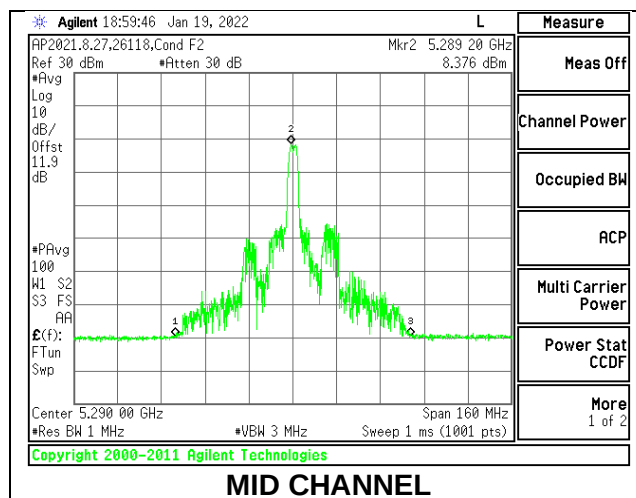
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 11.75                               | 11.75                             | 24.00                   | -12.25                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Mid     | 5290               | 8.376                                  | 8.376                                | 11.00                      | -2.62                 |



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

|                       |            |
|-----------------------|------------|
| <b>Test Engineer:</b> | 26118      |
| <b>Test Date:</b>     | 01/19/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Mid     | 5290               | 20.41                       | -2.10                        | 24.00                   | 11.00                      |

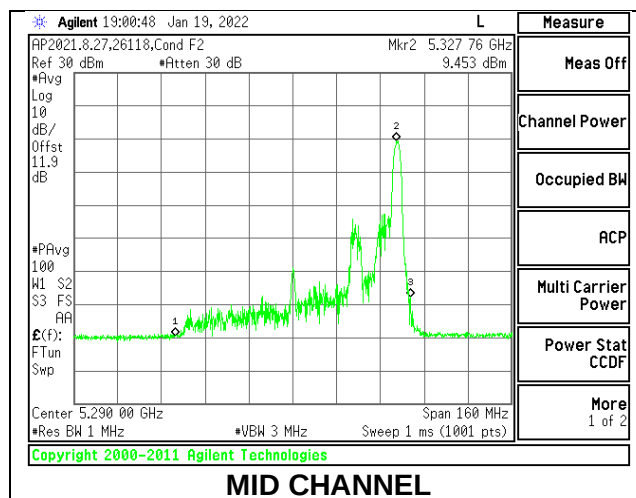
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 11.88                               | 11.88                             | 24.00                   | -12.12                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Mid     | 5290               | 9.453                                  | 9.453                                | 11.00                      | -1.55                 |



**1TX Antenna 6 MODE (FCC) – SU Mode**

|                |          |
|----------------|----------|
| Test Engineer: | 26118    |
| Test Date:     | 09/30/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Mid     | 5290               | 83.00                       | -2.10                        | 24.00                   | 11.00                      |

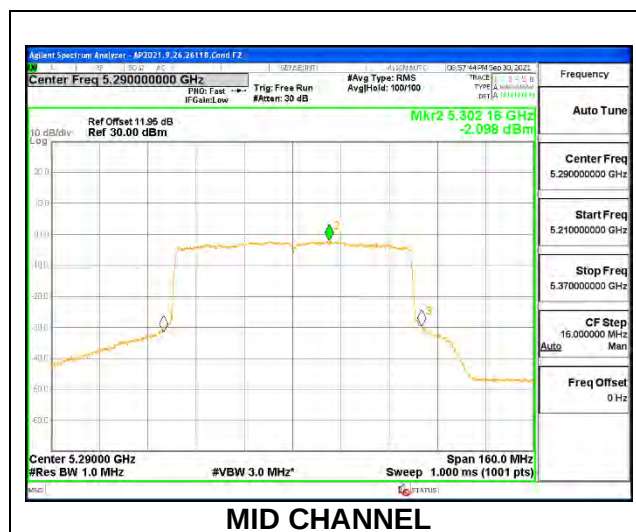
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.24 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 14.30                               | 14.30                             | 24.00                   | -9.70                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Mid     | 5290               | -2.098                                 | -1.858                               | 11.00                      | -12.86                |



**1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 0**

|                       |            |
|-----------------------|------------|
| <b>Test Engineer:</b> | 20737      |
| <b>Test Date:</b>     | 01/18/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Mid     | 5290               | 19.44                       | -0.70                        | 23.89                   | 11.00                      |

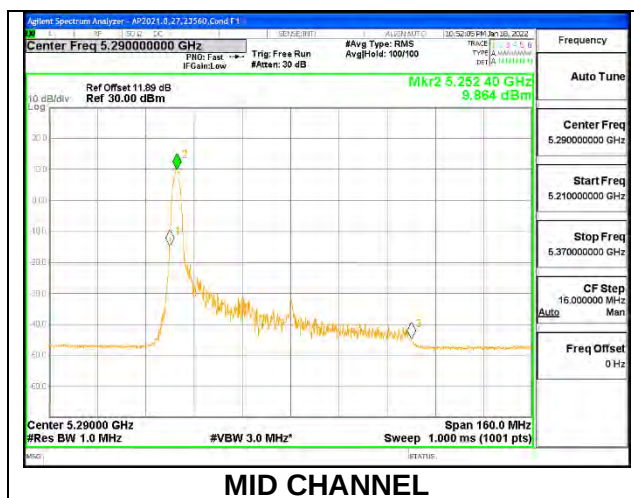
|                           |      |                                        |
|---------------------------|------|----------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | Included in Calculations of Corr'd PSD |
|---------------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 11.92                               | 11.92                             | 23.89                   | -11.97                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Mid     | 5290               | 9.864                                  | 9.864                                | 11.00                      | -1.14                 |



**1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 18**

|                       |            |
|-----------------------|------------|
| <b>Test Engineer:</b> | 20737      |
| <b>Test Date:</b>     | 01/18/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Mid     | 5290               | 39.86                       | -0.70                        | 24.00                   | 11.00                      |

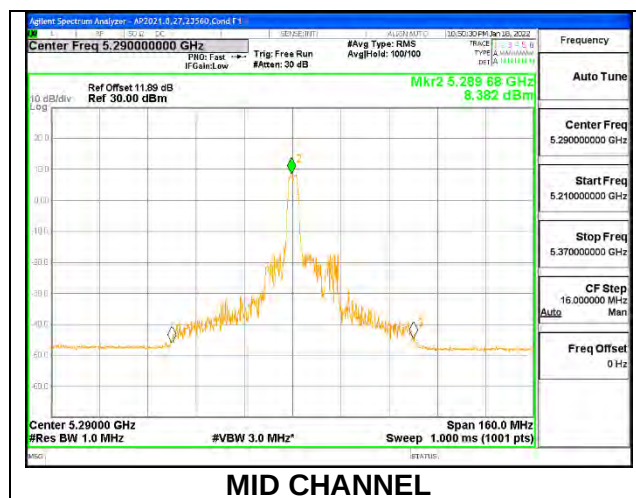
|                           |      |                                        |
|---------------------------|------|----------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | Included in Calculations of Corr'd PSD |
|---------------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 11.83                               | 11.83                             | 24.00                   | -12.17                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Mid     | 5290               | 8.382                                  | 8.382                                | 11.00                      | -2.62                 |



**1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 36**

|                       |            |
|-----------------------|------------|
| <b>Test Engineer:</b> | 20737      |
| <b>Test Date:</b>     | 01/18/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Mid     | 5290               | 20.06                       | -0.70                        | 24.00                   | 11.00                      |

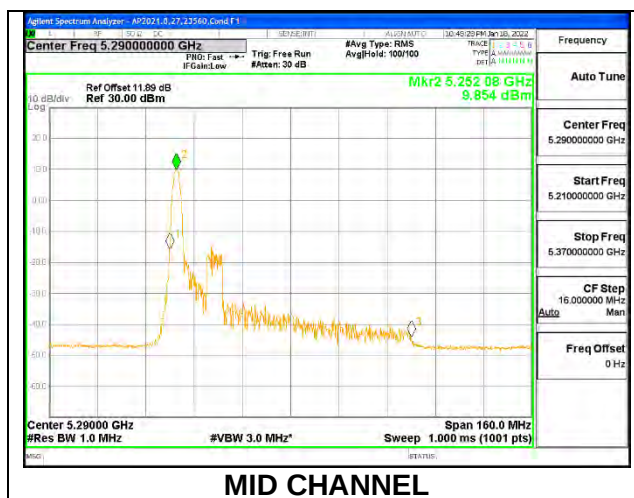
|                           |      |                                        |
|---------------------------|------|----------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | Included in Calculations of Corr'd PSD |
|---------------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 11.93                               | 11.93                             | 24.00                   | -12.07                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Mid     | 5290               | 9.854                                  | 9.854                                | 11.00                      | -1.15                 |



**1TX Antenna 3 MODE (FCC) – SU Mode**

|                       |          |
|-----------------------|----------|
| <b>Test Engineer:</b> | 20737    |
| <b>Test Date:</b>     | 09/30/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Mid     | 5290               | 82.01                       | -0.70                        | 24.00                   | 11.00                      |

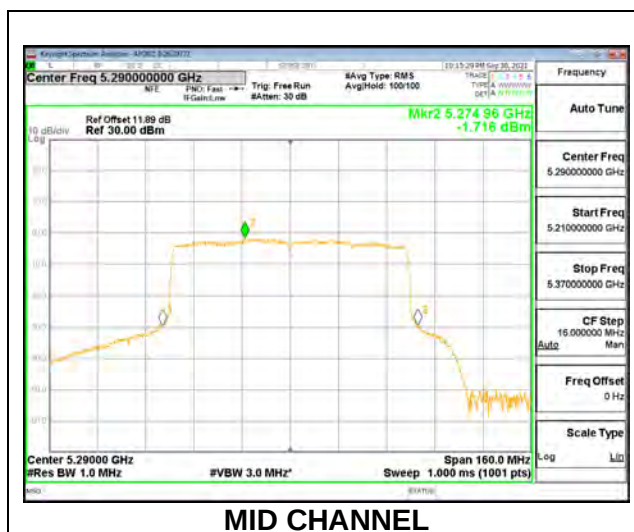
|                           |      |                                        |
|---------------------------|------|----------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.24 | Included in Calculations of Corr'd PSD |
|---------------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 14.34                               | 14.34                             | 24.00                   | -9.66                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Mid     | 5290               | -1.716                                 | -1.476                               | 11.00                      | -12.48                |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 0**

|                       |                    |
|-----------------------|--------------------|
| <b>Test Engineer:</b> | 26118; 20737       |
| <b>Test Date:</b>     | 10/01/21; 10/02/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Mid     | 5290               | 19.62                       | -1.34                                     | 1.64                                    | 23.93                   | 11.00                      |

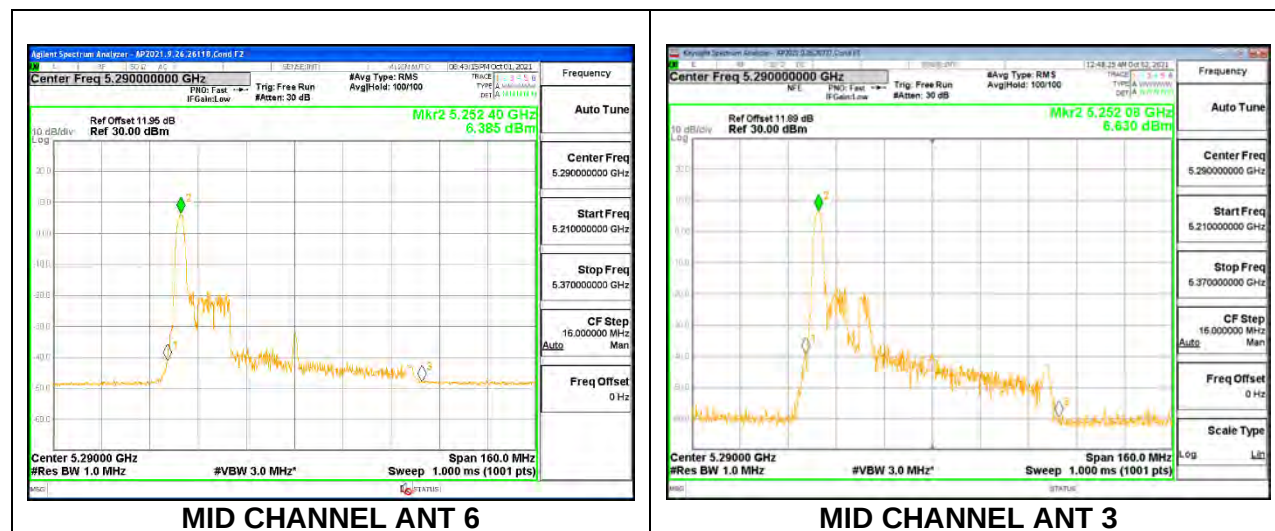
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 7.64                                | 7.71                                | 10.685                            | 23.93                   | -13.24                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Mid     | 5290               | 6.385                                  | 6.630                                  | 9.520                                | 11.00                      | -1.48                 |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 18**

|                       |                    |
|-----------------------|--------------------|
| <b>Test Engineer:</b> | 26118; 20737       |
| <b>Test Date:</b>     | 10/01/21; 10/02/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Mid     | 5290               | 38.33                       | -1.34                                     | 1.64                                    | 24.00                   | 11.00                      |

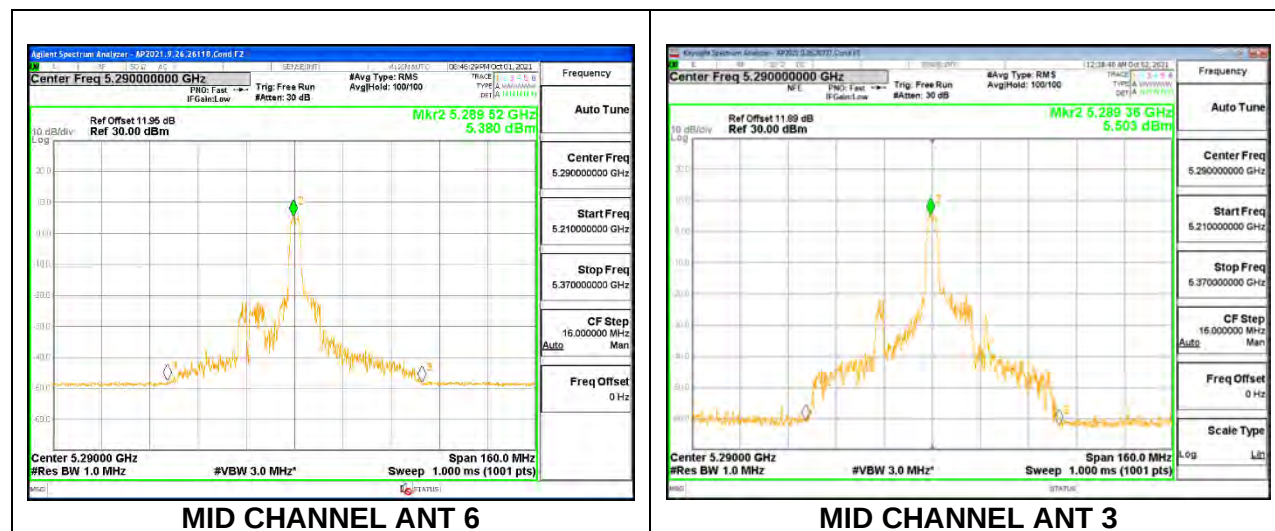
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 7.70                                | 7.75                                | 10.74                             | 24.00                   | -13.26                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Mid     | 5290               | 5.380                                  | 5.503                                  | 8.452                                | 11.00                      | -2.55                 |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 36**

|                       |                    |
|-----------------------|--------------------|
| <b>Test Engineer:</b> | 26118; 20737       |
| <b>Test Date:</b>     | 10/01/21; 10/02/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Mid     | 5290               | 19.04                       | -1.34                                     | 1.64                                    | 23.80                   | 11.00                      |

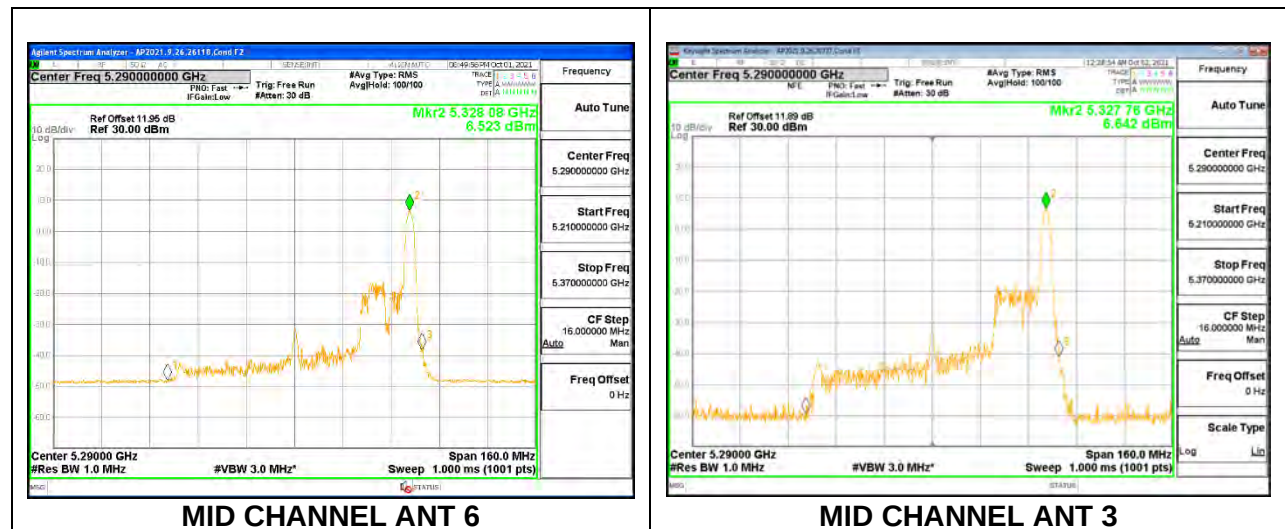
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 7.61                                | 7.69                                | 10.66                             | 23.80                   | -13.14                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Mid     | 5290               | 6.523                                  | 6.642                                  | 9.593                                | 11.00                      | -1.41                 |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – SU Mode**

|                       |                    |
|-----------------------|--------------------|
| <b>Test Engineer:</b> | 26118; 20737       |
| <b>Test Date:</b>     | 10/01/21; 10/02/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Mid     | 5290               | 81.91                       | -1.34                                     | 1.64                                    | 24.00                   | 11.00                      |

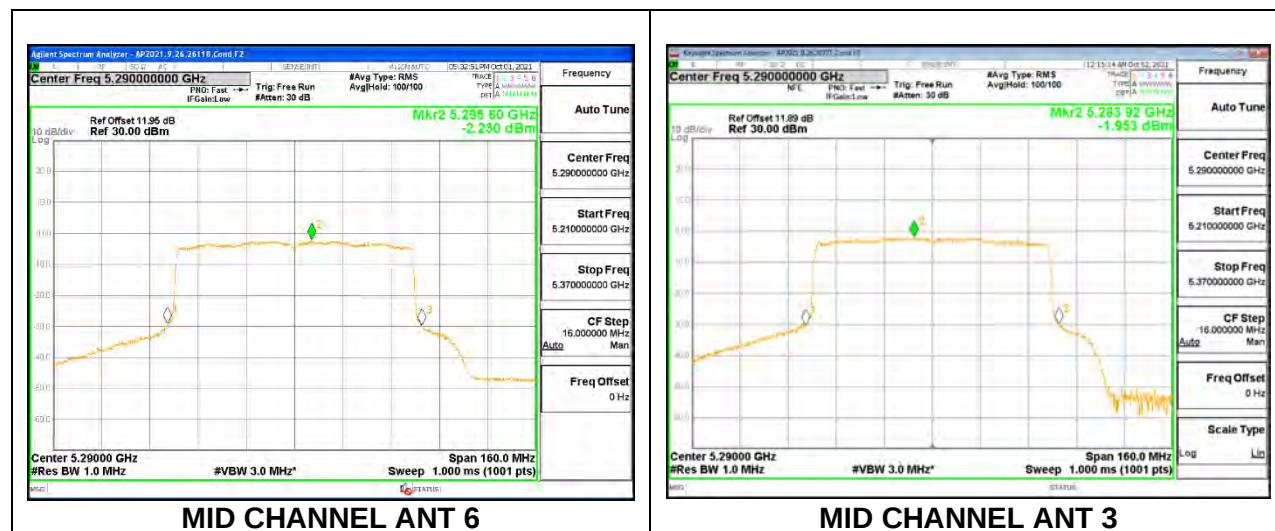
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.24 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 13.64                               | 13.73                               | 16.70                             | 24.00                   | -7.30                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Mid     | 5290               | -2.230                                 | -1.953                                 | 1.161                                | 11.00                      | -9.84                 |



## 9.4.13. 802.11n HT20 MODE IN THE 5.6 GHz BAND

**1TX Antenna 6 MODE (FCC)**

|                       |          |
|-----------------------|----------|
| <b>Test Engineer:</b> | 26118    |
| <b>Test Date:</b>     | 10/05/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5500               | 21.28                       | -1.30                        | 24.00                   | 11.00                      |
| Mid     | 5580               | 21.34                       | -1.30                        | 24.00                   | 11.00                      |
| High    | 5700               | 22.92                       | -1.30                        | 24.00                   | 11.00                      |
| 144     | 5720               | 15.50                       | -1.30                        | 22.90                   | 11.00                      |

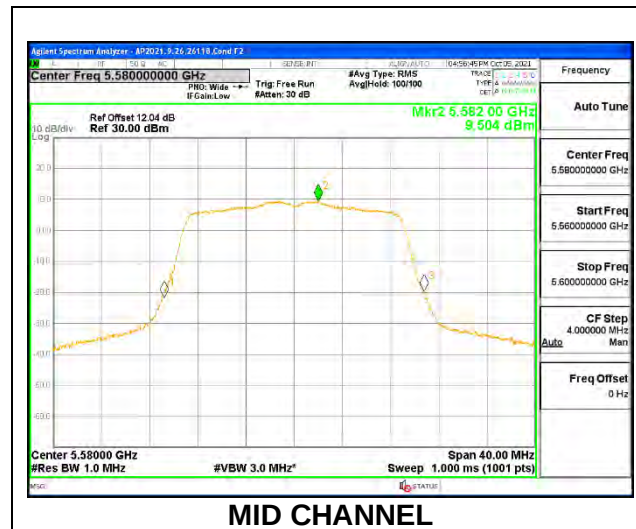
|                           |      |                                            |
|---------------------------|------|--------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations Corr'd PSD</b> |
|---------------------------|------|--------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<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               | 17.20                               | 17.20                             | 24.00                   | -6.80                   |
| Mid     | 5580               | 19.16                               | 19.16                             | 24.00                   | -4.84                   |
| High    | 5700               | 17.64                               | 17.64                             | 24.00                   | -6.36                   |
| 144     | 5720               | 19.13                               | 19.13                             | 22.90                   | -3.77                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5500               | 9.632                                  | 9.632                                | 11.00                      | -1.368                |
| Mid     | 5580               | 9.504                                  | 9.504                                | 11.00                      | -1.496                |
| High    | 5700               | 8.033                                  | 8.033                                | 11.00                      | -2.967                |
| 144     | 5720               | 9.445                                  | 9.445                                | 11.00                      | -1.555                |



**1TX Antenna 3 MODE (FCC)**

|                |          |
|----------------|----------|
| Test Engineer: | 20737    |
| Test Date:     | 10/05/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5500               | 22.26                       | -0.50                        | 24.00                   | 11.00                      |
| Mid     | 5580               | 21.04                       | -0.50                        | 24.00                   | 11.00                      |
| High    | 5700               | 22.39                       | -0.50                        | 24.00                   | 11.00                      |
| 144     | 5720               | 15.54                       | -0.50                        | 22.91                   | 11.00                      |

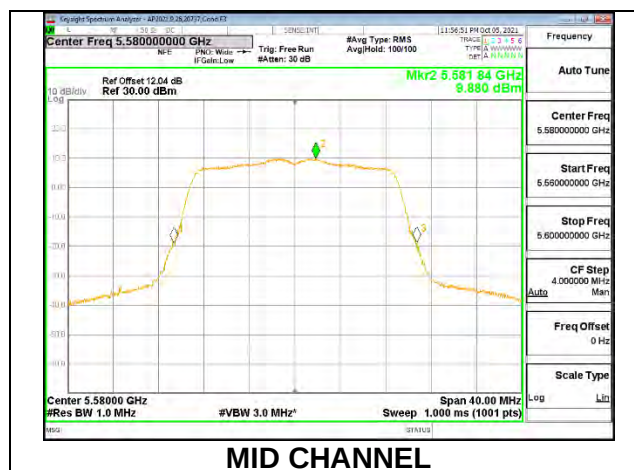
|                    |      |                                     |
|--------------------|------|-------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations Corr'd PSD |
|--------------------|------|-------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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               | 17.19                               | 17.19                             | 24.00                   | -6.81                   |
| Mid     | 5580               | 19.24                               | 19.24                             | 24.00                   | -4.76                   |
| High    | 5700               | 17.70                               | 17.70                             | 24.00                   | -6.30                   |
| 144     | 5720               | 19.05                               | 19.05                             | 22.91                   | -3.86                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5500               | 9.520                                  | 9.520                                | 11.00                      | -1.480                |
| Mid     | 5580               | 9.880                                  | 9.880                                | 11.00                      | -1.120                |
| High    | 5700               | 8.415                                  | 8.415                                | 11.00                      | -2.585                |
| 144     | 5720               | 9.036                                  | 9.036                                | 11.00                      | -1.964                |



**2TX Antenna 6 + Antenna 3 CDD MODE (FCC)**

|                       |                    |
|-----------------------|--------------------|
| <b>Test Engineer:</b> | 26118; 20737       |
| <b>Test Date:</b>     | 10/05/21; 10/06/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5500               | 21.38                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |
| Mid     | 5580               | 20.90                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |
| High    | 5700               | 21.40                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |
| 144     | 5720               | 15.47                       | -0.88                                     | 2.12                                    | 22.89                   | 11.00                      |

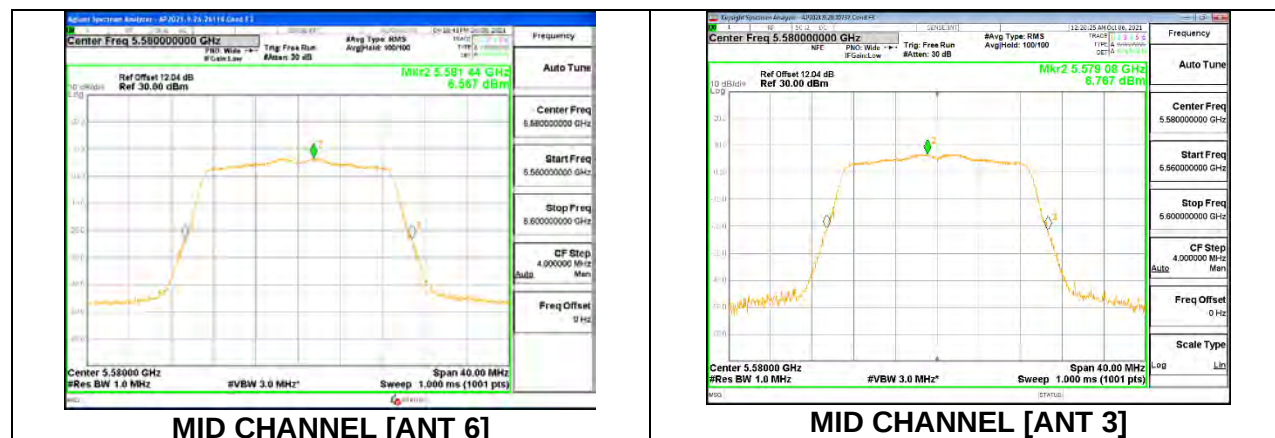
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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               | 16.45                               | 16.40                               | 19.44                             | 24.00                   | -4.56                   |
| Mid     | 5580               | 16.45                               | 16.43                               | 19.45                             | 24.00                   | -4.55                   |
| High    | 5700               | 16.48                               | 16.45                               | 19.48                             | 24.00                   | -4.52                   |
| 144     | 5720               | 16.49                               | 16.45                               | 19.48                             | 22.89                   | -3.41                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5500               | 6.557                                  | 6.715                                  | 9.647                                | 11.00                      | -1.353                |
| Mid     | 5580               | 6.567                                  | 6.767                                  | 9.678                                | 11.00                      | -1.322                |
| High    | 5700               | 6.399                                  | 6.565                                  | 9.493                                | 11.00                      | -1.507                |
| 144     | 5720               | 6.401                                  | 6.647                                  | 9.536                                | 11.00                      | -1.464                |



## 9.4.14. 802.11n HT40 MODE IN THE 5.6 GHz BAND

**1TX Antenna 6 MODE (FCC)**

|                       |            |
|-----------------------|------------|
| <b>Test Engineer:</b> | 23560      |
| <b>Test Date:</b>     | 01/18/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5510               | 45.79                       | -1.30                        | 24.00                   | 11.00                      |
| Mid     | 5550               | 41.20                       | -1.30                        | 24.00                   | 11.00                      |
| High    | 5670               | 42.00                       | -1.30                        | 24.00                   | 11.00                      |
| 142     | 5710               | 41.42                       | -1.30                        | 24.00                   | 11.00                      |

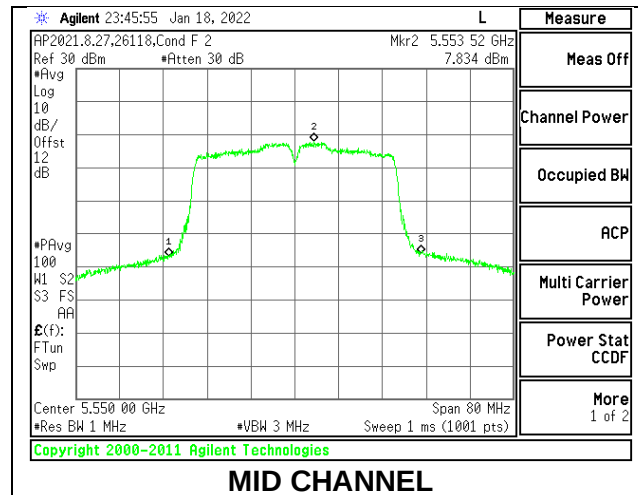
|                           |      |                                            |
|---------------------------|------|--------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.10 | <b>Included in Calculations Corr'd PSD</b> |
|---------------------------|------|--------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<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               | 16.33                               | 16.33                             | 24.00                   | -7.67                   |
| Mid     | 5550               | 20.30                               | 20.30                             | 24.00                   | -3.70                   |
| High    | 5670               | 18.85                               | 18.85                             | 24.00                   | -5.15                   |
| 142     | 5710               | 20.13                               | 20.13                             | 24.00                   | -3.87                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5510               | 3.021                                  | 3.121                                | 11.00                      | -7.879                |
| Mid     | 5550               | 7.834                                  | 7.934                                | 11.00                      | -3.066                |
| High    | 5670               | 7.006                                  | 7.106                                | 11.00                      | -3.894                |
| 142     | 5710               | 7.534                                  | 7.634                                | 11.00                      | -3.366                |



**1TX Antenna 3 MODE (FCC)**

|                |            |
|----------------|------------|
| Test Engineer: | 23560      |
| Test Date:     | 01/18/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5510               | 45.31                       | -0.50                        | 24.00                   | 11.00                      |
| Mid     | 5550               | 41.14                       | -0.50                        | 24.00                   | 11.00                      |
| High    | 5670               | 45.07                       | -0.50                        | 24.00                   | 11.00                      |
| 142     | 5710               | 40.85                       | -0.50                        | 24.00                   | 11.00                      |

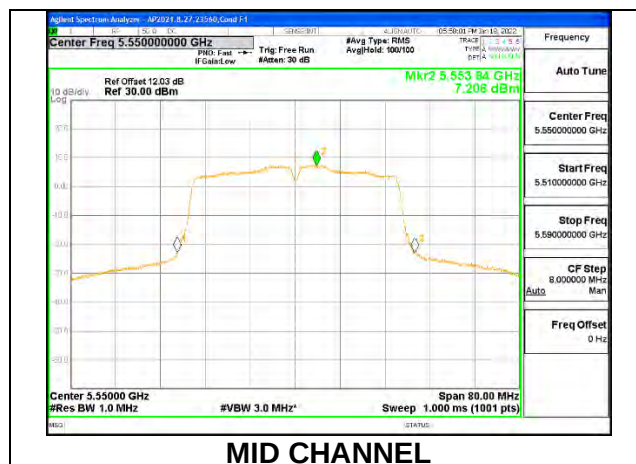
|                    |      |                                     |
|--------------------|------|-------------------------------------|
| Duty Cycle CF (dB) | 0.10 | Included in Calculations Corr'd PSD |
|--------------------|------|-------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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               | 16.25                               | 16.25                             | 24.00                   | -7.75                   |
| Mid     | 5550               | 20.15                               | 20.15                             | 24.00                   | -3.85                   |
| High    | 5670               | 18.80                               | 18.80                             | 24.00                   | -5.20                   |
| 142     | 5710               | 20.27                               | 20.27                             | 24.00                   | -3.73                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5510               | 2.969                                  | 3.069                                | 11.00                      | -7.931                |
| Mid     | 5550               | 7.206                                  | 7.306                                | 11.00                      | -3.694                |
| High    | 5670               | 6.898                                  | 6.998                                | 11.00                      | -4.002                |
| 142     | 5710               | 7.850                                  | 7.950                                | 11.00                      | -3.050                |



**2TX Antenna 6 + Antenna 3 CDD MODE (FCC)**

|                |                    |
|----------------|--------------------|
| Test Engineer: | 23560              |
| Test Date:     | 09/15/21; 09/16/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5510               | 41.73                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |
| Mid     | 5550               | 40.97                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |
| High    | 5670               | 41.78                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |
| 142     | 5710               | 40.55                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |

|                    |      |                                                |
|--------------------|------|------------------------------------------------|
| Duty Cycle CF (dB) | 0.10 | Included in Calculations of Corr'd Power & PSD |
|--------------------|------|------------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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               | 15.72                               | 15.75                               | 18.75                             | 24.00                   | -5.25                   |
| Mid     | 5550               | 19.17                               | 19.24                               | 22.22                             | 24.00                   | -1.78                   |
| High    | 5670               | 18.30                               | 18.35                               | 21.34                             | 24.00                   | -2.66                   |
| 142     | 5710               | 19.20                               | 19.21                               | 22.22                             | 24.00                   | -1.78                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5510               | 2.764                                  | 2.412                                  | 5.702                                | 11.00                      | -5.30                 |
| Mid     | 5550               | 6.178                                  | 6.342                                  | 9.371                                | 11.00                      | -1.63                 |
| High    | 5670               | 6.031                                  | 6.179                                  | 9.216                                | 11.00                      | -1.78                 |
| 142     | 5710               | 6.278                                  | 6.284                                  | 9.391                                | 11.00                      | -1.61                 |



## 9.4.15. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

**1TX Antenna 6 MODE (FCC)**

|                |          |
|----------------|----------|
| Test Engineer: | 23560    |
| Test Date:     | 09/15/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5530               | 82.76                       | -1.30                        | 24.00                   | 11.00                      |
| High    | 5610               | 83.59                       | -1.30                        | 24.00                   | 11.00                      |
| 138     | 5690               | 81.42                       | -1.30                        | 24.00                   | 11.00                      |

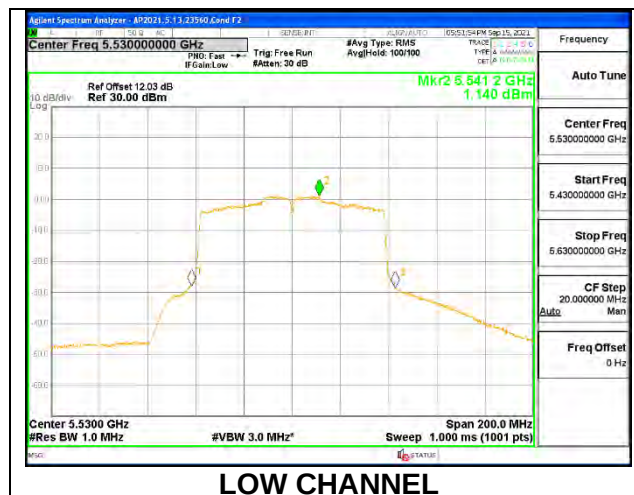
|                    |      |                                     |
|--------------------|------|-------------------------------------|
| Duty Cycle CF (dB) | 0.20 | Included in Calculations Corr'd PSD |
|--------------------|------|-------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<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               | 15.80                               | 15.80                             | 24.00                   | -8.20                   |
| High    | 5610               | 21.20                               | 21.20                             | 24.00                   | -2.80                   |
| 138     | 5690               | 21.37                               | 21.37                             | 24.00                   | -2.63                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5530               | 1.140                                  | 1.340                                | 11.00                      | -9.660                |
| High    | 5610               | 5.495                                  | 5.495                                | 11.00                      | -5.505                |
| 138     | 5690               | 5.710                                  | 5.910                                | 11.00                      | -5.090                |



**1TX Antenna 3 MODE (FCC)**

|                |          |
|----------------|----------|
| Test Engineer: | 23560    |
| Test Date:     | 09/17/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5530               | 82.76                       | -0.50                        | 24.00                   | 11.00                      |
| High    | 5610               | 83.59                       | -0.50                        | 24.00                   | 11.00                      |
| 138     | 5690               | 81.42                       | -0.50                        | 24.00                   | 11.00                      |

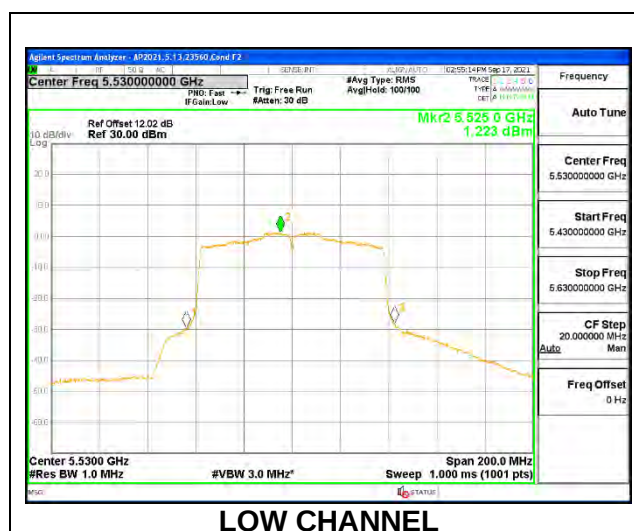
|                    |      |                                     |
|--------------------|------|-------------------------------------|
| Duty Cycle CF (dB) | 0.20 | Included in Calculations Corr'd PSD |
|--------------------|------|-------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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               | 15.77                               | 15.77                             | 24.00                   | -8.23                   |
| High    | 5610               | 21.22                               | 21.22                             | 24.00                   | -2.78                   |
| 138     | 5690               | 21.40                               | 21.40                             | 24.00                   | -2.60                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5530               | 1.223                                  | 1.423                                | 11.00                      | -9.577                |
| High    | 5610               | 5.772                                  | 5.972                                | 11.00                      | -5.028                |
| 138     | 5690               | 6.166                                  | 6.366                                | 11.00                      | -4.634                |



**2TX Antenna 6 + Antenna 3 CDD MODE (FCC)**

|                |                    |
|----------------|--------------------|
| Test Engineer: | 23560              |
| Test Date:     | 09/15/21; 09/17/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5530               | 81.21                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |
| High    | 5610               | 83.44                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |
| 138     | 5690               | 81.02                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |

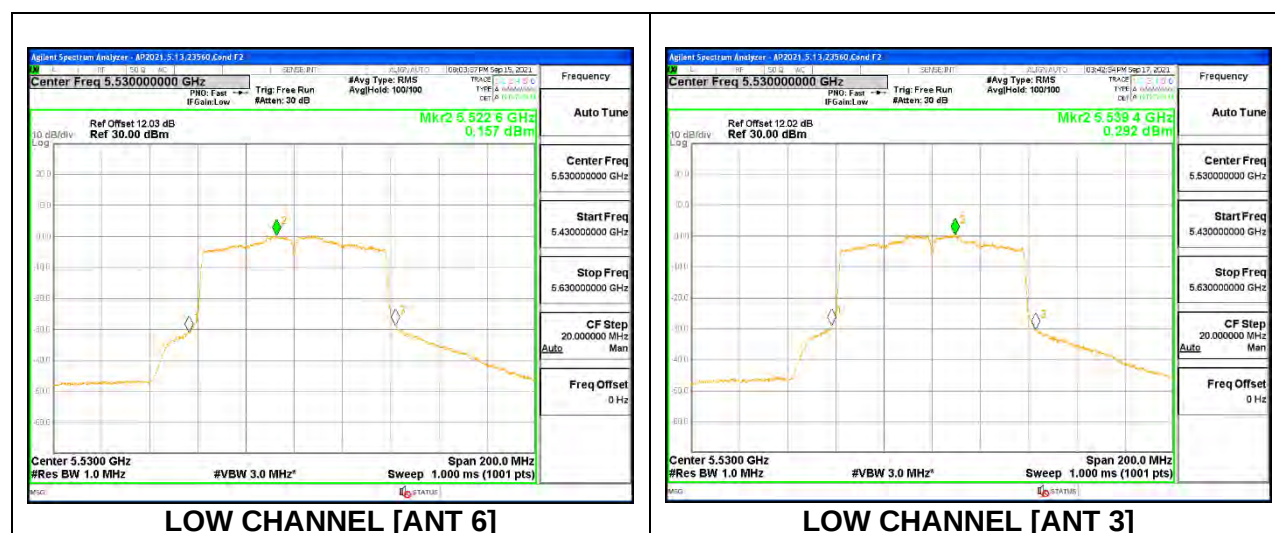
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.20 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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               | 15.38                               | 15.42                               | 18.41                             | 24.00                   | -5.59                   |
| High    | 5610               | 19.63                               | 19.58                               | 22.62                             | 24.00                   | -1.38                   |
| 138     | 5690               | 19.71                               | 19.67                               | 22.70                             | 24.00                   | -1.30                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5530               | 0.157                                  | 0.292                                  | 3.435                                | 11.00                      | -7.565                |
| High    | 5610               | 3.836                                  | 3.700                                  | 6.979                                | 11.00                      | -4.021                |
| 138     | 5690               | 4.025                                  | 3.944                                  | 7.195                                | 11.00                      | -3.805                |



**9.4.16. 802.11ax HE20 MODE IN THE 5.6 GHz BAND**  
**1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 0**

|                       |            |
|-----------------------|------------|
| <b>Test Engineer:</b> | 26118      |
| <b>Test Date:</b>     | 01/18/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5500               | 20.15                       | -1.30                        | 24.00                   | 11.00                      |
| Mid     | 5580               | 20.19                       | -1.30                        | 24.00                   | 11.00                      |
| High    | 5700               | 20.14                       | -1.30                        | 24.00                   | 11.00                      |
| 144     | 5720               | 20.07                       | -1.30                        | 24.00                   | 11.00                      |

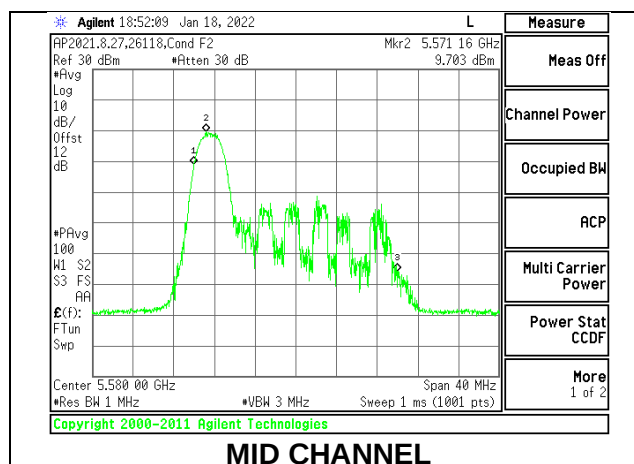
|                           |      |                                            |
|---------------------------|------|--------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations Corr'd PSD</b> |
|---------------------------|------|--------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<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               | 11.72                               | 11.72                             | 24.00                   | -12.28                  |
| Mid     | 5580               | 11.84                               | 11.84                             | 24.00                   | -12.16                  |
| High    | 5700               | 11.70                               | 11.70                             | 24.00                   | -12.30                  |
| 144     | 5720               | 11.76                               | 11.76                             | 24.00                   | -12.24                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5500               | 9.516                                  | 9.516                                | 11.00                      | -1.484                |
| Mid     | 5580               | 9.703                                  | 9.703                                | 11.00                      | -1.297                |
| High    | 5700               | 9.469                                  | 9.469                                | 11.00                      | -1.531                |
| 144     | 5720               | 9.582                                  | 9.582                                | 11.00                      | -1.418                |



**1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 4**

|                |            |
|----------------|------------|
| Test Engineer: | 26118      |
| Test Date:     | 01/18/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5500               | 19.31                       | -1.30                        | 23.86                   | 11.00                      |
| Mid     | 5580               | 19.41                       | -1.30                        | 23.88                   | 11.00                      |
| High    | 5700               | 19.19                       | -1.30                        | 23.83                   | 11.00                      |
| 144     | 5720               | 19.27                       | -1.30                        | 23.85                   | 11.00                      |

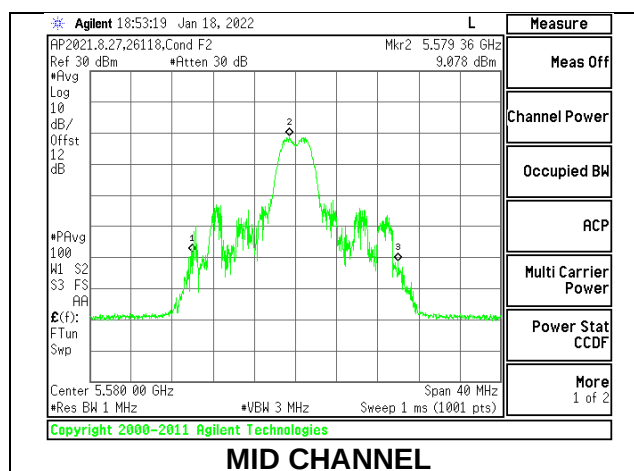
|                    |      |                                     |
|--------------------|------|-------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations Corr'd PSD |
|--------------------|------|-------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<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               | 11.75                               | 11.75                             | 23.86                   | -12.11                  |
| Mid     | 5580               | 11.92                               | 11.92                             | 23.88                   | -11.96                  |
| High    | 5700               | 11.70                               | 11.70                             | 23.83                   | -12.13                  |
| 144     | 5720               | 11.66                               | 11.66                             | 23.85                   | -12.19                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5500               | 8.954                                  | 8.954                                | 11.00                      | -2.046                |
| Mid     | 5580               | 9.078                                  | 9.078                                | 11.00                      | -1.922                |
| High    | 5700               | 8.676                                  | 8.676                                | 11.00                      | -2.324                |
| 144     | 5720               | 8.587                                  | 8.587                                | 11.00                      | -2.413                |



**1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 8**

|                |            |
|----------------|------------|
| Test Engineer: | 26118      |
| Test Date:     | 01/18/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5500               | 20.80                       | -1.30                        | 24.00                   | 11.00                      |
| Mid     | 5580               | 20.74                       | -1.30                        | 24.00                   | 11.00                      |
| High    | 5700               | 20.65                       | -1.30                        | 24.00                   | 11.00                      |
| 144     | 5720               | 20.40                       | -1.30                        | 24.00                   | 11.00                      |

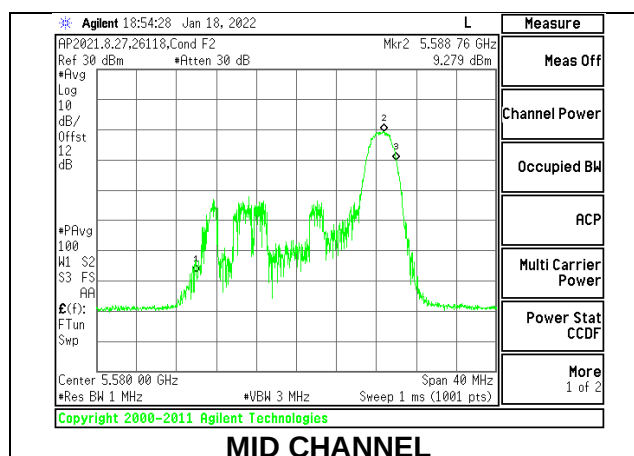
|                    |      |                                     |
|--------------------|------|-------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations Corr'd PSD |
|--------------------|------|-------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<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               | 11.93                               | 11.93                             | 24.00                   | -12.07                  |
| Mid     | 5580               | 11.62                               | 11.62                             | 24.00                   | -12.38                  |
| High    | 5700               | 11.76                               | 11.76                             | 24.00                   | -12.24                  |
| 144     | 5720               | 11.73                               | 11.73                             | 24.00                   | -12.27                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5500               | 9.747                                  | 9.747                                | 11.00                      | -1.253                |
| Mid     | 5580               | 9.279                                  | 9.279                                | 11.00                      | -1.721                |
| High    | 5700               | 9.594                                  | 9.594                                | 11.00                      | -1.406                |
| 144     | 5720               | 9.508                                  | 9.508                                | 11.00                      | -1.492                |



**1TX Antenna 6 MODE (FCC) – SU Mode**

|                |          |
|----------------|----------|
| Test Engineer: | 26118    |
| Test Date:     | 09/23/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5500               | 20.99                       | -1.30                        | 24.00                   | 11.00                      |
| Mid     | 5580               | 21.21                       | -1.30                        | 24.00                   | 11.00                      |
| High    | 5700               | 26.27                       | -1.30                        | 24.00                   | 11.00                      |
| 144     | 5720               | 21.28                       | -1.30                        | 24.00                   | 11.00                      |

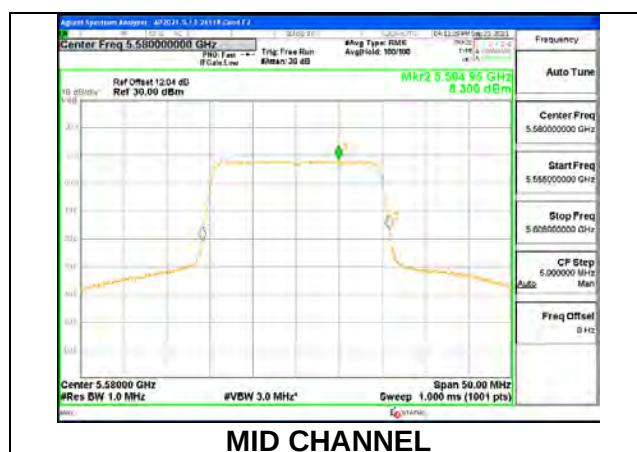
|                    |      |                                     |
|--------------------|------|-------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations Corr'd PSD |
|--------------------|------|-------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<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               | 14.73                               | 14.73                             | 24.00                   | -9.27                   |
| Mid     | 5580               | 19.67                               | 19.67                             | 24.00                   | -4.33                   |
| High    | 5700               | 16.40                               | 16.40                             | 24.00                   | -7.60                   |
| 144     | 5720               | 19.73                               | 19.73                             | 24.00                   | -4.27                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5500               | 3.878                                  | 3.878                                | 11.00                      | -7.122                |
| Mid     | 5580               | 8.300                                  | 8.300                                | 11.00                      | -2.700                |
| High    | 5700               | 5.280                                  | 5.280                                | 11.00                      | -5.720                |
| 144     | 5720               | 8.710                                  | 8.710                                | 11.00                      | -2.290                |



**1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 0**

|                |            |
|----------------|------------|
| Test Engineer: | 26118      |
| Test Date:     | 01/14/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5500               | 19.98                       | -0.50                        | 24.00                   | 11.00                      |
| Mid     | 5580               | 20.14                       | -0.50                        | 24.00                   | 11.00                      |
| High    | 5700               | 20.12                       | -0.50                        | 24.00                   | 11.00                      |
| 144     | 5720               | 20.14                       | -0.50                        | 24.00                   | 11.00                      |

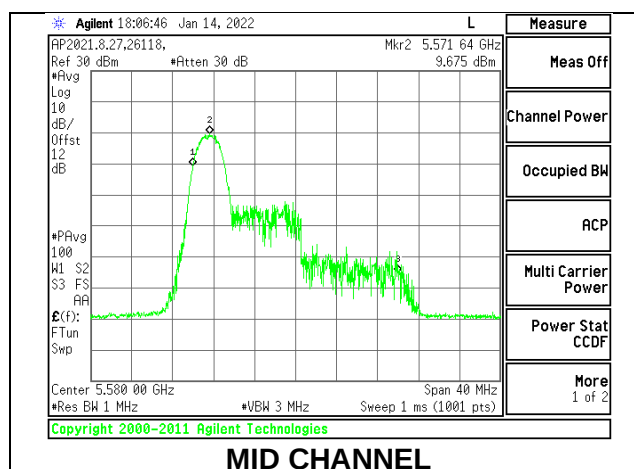
|                    |      |                                     |
|--------------------|------|-------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations Corr'd PSD |
|--------------------|------|-------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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               | 11.78                               | 11.78                             | 24.00                   | -12.22                  |
| Mid     | 5580               | 11.85                               | 11.85                             | 24.00                   | -12.15                  |
| High    | 5700               | 11.90                               | 11.90                             | 24.00                   | -12.10                  |
| 144     | 5720               | 11.95                               | 11.95                             | 24.00                   | -12.05                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5500               | 9.511                                  | 9.511                                | 11.00                      | -1.489                |
| Mid     | 5580               | 9.675                                  | 9.675                                | 11.00                      | -1.325                |
| High    | 5700               | 10.125                                 | 10.125                               | 11.00                      | -0.875                |
| 144     | 5720               | 10.282                                 | 10.282                               | 11.00                      | -0.718                |



**1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 4**

|                |            |
|----------------|------------|
| Test Engineer: | 26118      |
| Test Date:     | 01/14/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5500               | 19.41                       | -0.50                        | 23.88                   | 11.00                      |
| Mid     | 5580               | 19.12                       | -0.50                        | 23.81                   | 11.00                      |
| High    | 5700               | 19.48                       | -0.50                        | 23.90                   | 11.00                      |
| 144     | 5720               | 19.40                       | -0.50                        | 23.88                   | 11.00                      |

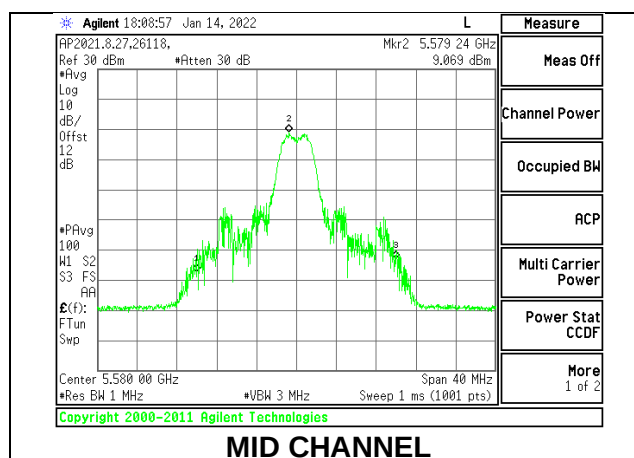
|                    |      |                                     |
|--------------------|------|-------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations Corr'd PSD |
|--------------------|------|-------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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               | 11.72                               | 11.72                             | 23.88                   | -12.16                  |
| Mid     | 5580               | 11.83                               | 11.83                             | 23.81                   | -11.98                  |
| High    | 5700               | 11.88                               | 11.88                             | 23.90                   | -12.02                  |
| 144     | 5720               | 11.80                               | 11.80                             | 23.88                   | -12.08                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5500               | 8.544                                  | 8.544                                | 11.00                      | -2.456                |
| Mid     | 5580               | 9.069                                  | 9.069                                | 11.00                      | -1.931                |
| High    | 5700               | 9.108                                  | 9.108                                | 11.00                      | -1.892                |
| 144     | 5720               | 8.924                                  | 8.924                                | 11.00                      | -2.076                |



**1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 8**

|                |            |
|----------------|------------|
| Test Engineer: | 26118      |
| Test Date:     | 01/14/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5500               | 23.31                       | -0.50                        | 24.00                   | 11.00                      |
| Mid     | 5580               | 22.44                       | -0.50                        | 24.00                   | 11.00                      |
| High    | 5700               | 23.90                       | -0.50                        | 24.00                   | 11.00                      |
| 144     | 5720               | 20.63                       | -0.50                        | 24.00                   | 11.00                      |

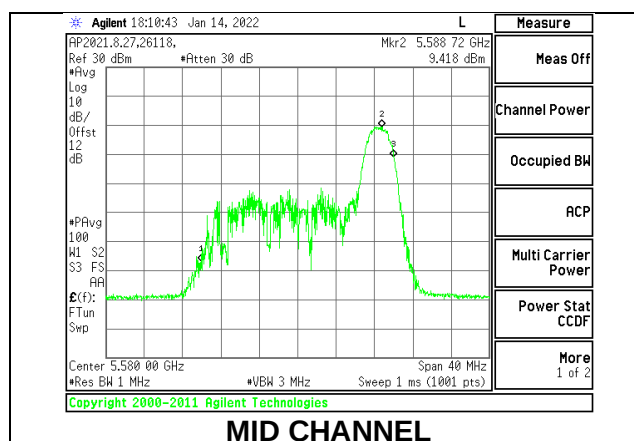
|                    |      |                                     |
|--------------------|------|-------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations Corr'd PSD |
|--------------------|------|-------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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               | 11.62                               | 11.62                             | 24.00                   | -12.38                  |
| Mid     | 5580               | 11.68                               | 11.68                             | 24.00                   | -12.32                  |
| High    | 5700               | 11.82                               | 11.82                             | 24.00                   | -12.18                  |
| 144     | 5720               | 11.94                               | 11.94                             | 24.00                   | -12.06                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5500               | 9.310                                  | 9.310                                | 11.00                      | -1.690                |
| Mid     | 5580               | 9.418                                  | 9.418                                | 11.00                      | -1.582                |
| High    | 5700               | 9.669                                  | 9.669                                | 11.00                      | -1.331                |
| 144     | 5720               | 9.947                                  | 9.947                                | 11.00                      | -1.053                |



**1TX Antenna 3 MODE (FCC) – SU Mode**

|                |          |
|----------------|----------|
| Test Engineer: | 26118    |
| Test Date:     | 09/20/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5500               | 22.02                       | -0.50                        | 24.00                   | 11.00                      |
| Mid     | 5580               | 21.21                       | -0.50                        | 24.00                   | 11.00                      |
| High    | 5700               | 21.72                       | -0.50                        | 24.00                   | 11.00                      |
| 144     | 5720               | 21.27                       | -0.50                        | 24.00                   | 11.00                      |

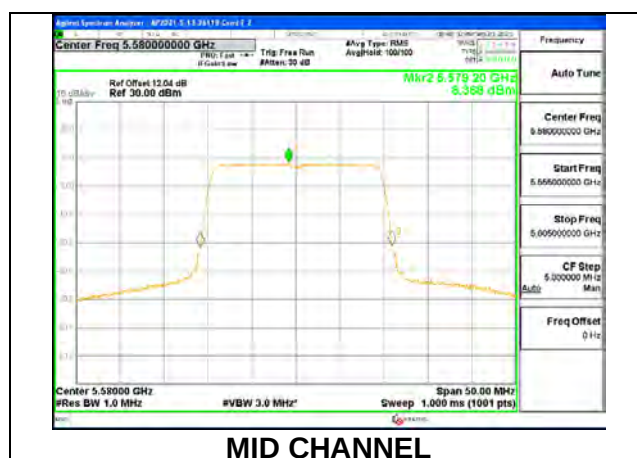
|                    |      |                                     |
|--------------------|------|-------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations Corr'd PSD |
|--------------------|------|-------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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               | 14.70                               | 14.70                             | 24.00                   | -9.30                   |
| Mid     | 5580               | 19.63                               | 19.63                             | 24.00                   | -4.37                   |
| High    | 5700               | 16.45                               | 16.45                             | 24.00                   | -7.55                   |
| 144     | 5720               | 19.67                               | 19.67                             | 24.00                   | -4.33                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5500               | 3.702                                  | 3.702                                | 11.00                      | -7.298                |
| Mid     | 5580               | 8.368                                  | 8.368                                | 11.00                      | -2.632                |
| High    | 5700               | 5.379                                  | 5.379                                | 11.00                      | -5.621                |
| 144     | 5720               | 8.551                                  | 8.551                                | 11.00                      | -2.449                |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 0**

|                       |                    |
|-----------------------|--------------------|
| <b>Test Engineer:</b> | 26118              |
| <b>Test Date:</b>     | 10/11/21; 09/22/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5500               | 19.75                       | -0.88                                     | 2.12                                    | 23.96                   | 11.00                      |
| Mid     | 5580               | 19.77                       | -0.88                                     | 2.12                                    | 23.96                   | 11.00                      |
| High    | 5700               | 19.69                       | -0.88                                     | 2.12                                    | 23.94                   | 11.00                      |
| 144     | 5720               | 19.82                       | -0.88                                     | 2.12                                    | 23.97                   | 11.00                      |

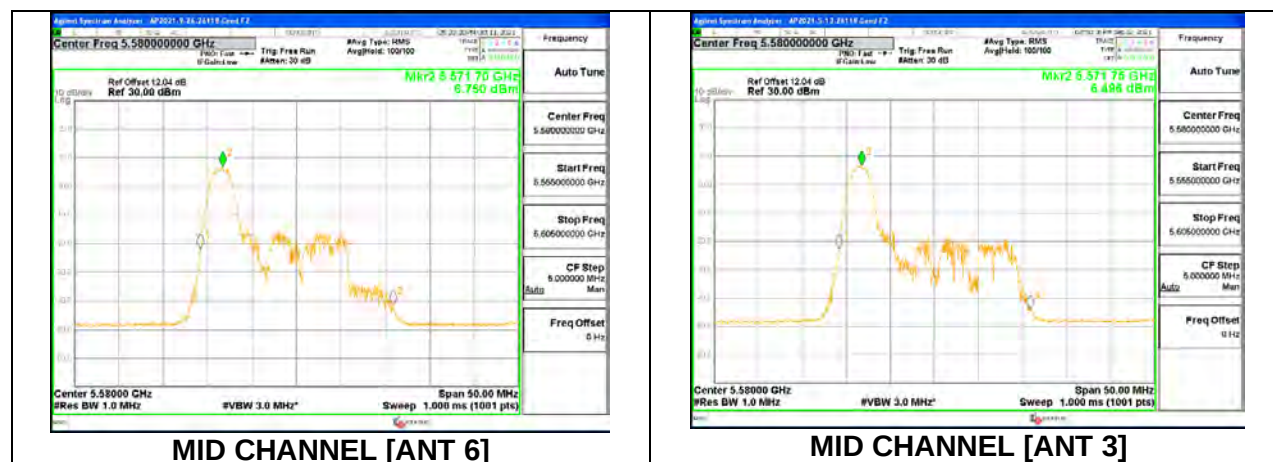
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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               | 8.70                                | 8.57                                | 11.65                             | 23.96                   | -12.31                  |
| Mid     | 5580               | 8.74                                | 8.61                                | 11.69                             | 23.96                   | -12.27                  |
| High    | 5700               | 8.54                                | 8.61                                | 11.59                             | 23.94                   | -12.36                  |
| 144     | 5720               | 8.65                                | 8.59                                | 11.63                             | 23.97                   | -12.34                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5500               | 6.631                                  | 6.421                                  | 9.538                                | 11.00                      | -1.462                |
| Mid     | 5580               | 6.750                                  | 6.496                                  | 9.635                                | 11.00                      | -1.365                |
| High    | 5700               | 6.249                                  | 6.495                                  | 9.384                                | 11.00                      | -1.616                |
| 144     | 5720               | 6.502                                  | 6.478                                  | 9.500                                | 11.00                      | -1.500                |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 4**

|                       |                    |
|-----------------------|--------------------|
| <b>Test Engineer:</b> | 26118              |
| <b>Test Date:</b>     | 10/11/21; 09/22/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5500               | 18.25                       | -0.88                                     | 2.12                                    | 23.61                   | 11.00                      |
| Mid     | 5580               | 18.23                       | -0.88                                     | 2.12                                    | 23.61                   | 11.00                      |
| High    | 5700               | 18.30                       | -0.88                                     | 2.12                                    | 23.62                   | 11.00                      |
| 144     | 5720               | 18.33                       | -0.88                                     | 2.12                                    | 23.63                   | 11.00                      |

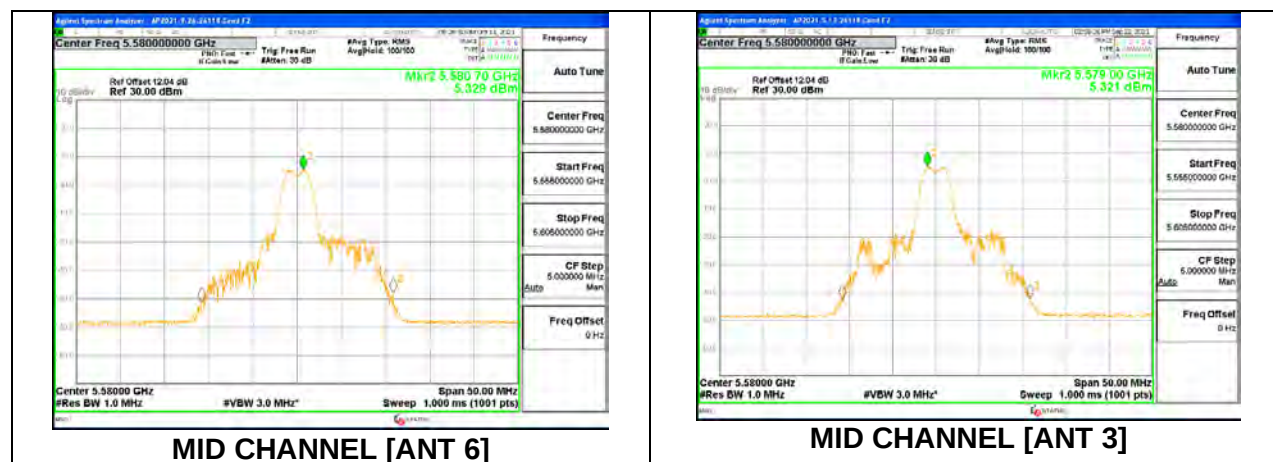
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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               | 8.63                                | 8.60                                | 11.63                             | 23.61                   | -11.99                  |
| Mid     | 5580               | 8.54                                | 8.54                                | 11.55                             | 23.61                   | -12.06                  |
| High    | 5700               | 8.65                                | 8.75                                | 11.71                             | 23.62                   | -11.91                  |
| 144     | 5720               | 8.56                                | 8.55                                | 11.57                             | 23.63                   | -12.07                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5500               | 5.638                                  | 5.592                                  | 8.625                                | 11.00                      | -2.375                |
| Mid     | 5580               | 5.329                                  | 5.321                                  | 8.335                                | 11.00                      | -2.665                |
| High    | 5700               | 5.641                                  | 5.936                                  | 8.801                                | 11.00                      | -2.199                |
| 144     | 5720               | 5.489                                  | 5.350                                  | 8.430                                | 11.00                      | -2.570                |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 8**

|                       |                    |
|-----------------------|--------------------|
| <b>Test Engineer:</b> | 26118              |
| <b>Test Date:</b>     | 10/11/21; 09/22/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5500               | 19.84                       | -0.88                                     | 2.12                                    | 23.98                   | 11.00                      |
| Mid     | 5580               | 19.84                       | -0.88                                     | 2.12                                    | 23.98                   | 11.00                      |
| High    | 5700               | 19.84                       | -0.88                                     | 2.12                                    | 23.98                   | 11.00                      |
| 144     | 5720               | 19.93                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |

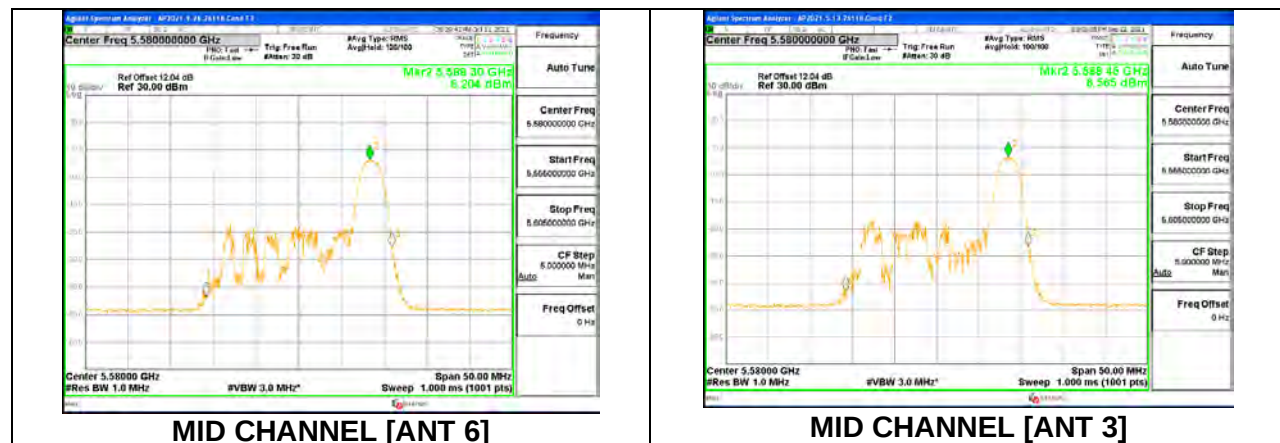
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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               | 8.71                                | 8.69                                | 11.71                             | 23.98                   | -12.27                  |
| Mid     | 5580               | 8.52                                | 8.65                                | 11.60                             | 23.98                   | -12.38                  |
| High    | 5700               | 8.57                                | 8.55                                | 11.57                             | 23.98                   | -12.41                  |
| 144     | 5720               | 8.60                                | 8.64                                | 11.63                             | 24.00                   | -12.36                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5500               | 6.872                                  | 6.744                                  | 9.819                                | 11.00                      | -1.181                |
| Mid     | 5580               | 6.204                                  | 6.565                                  | 9.399                                | 11.00                      | -1.601                |
| High    | 5700               | 6.333                                  | 6.300                                  | 9.327                                | 11.00                      | -1.673                |
| 144     | 5720               | 6.431                                  | 6.545                                  | 9.499                                | 11.00                      | -1.501                |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – SU Mode**

|                       |                    |
|-----------------------|--------------------|
| <b>Test Engineer:</b> | 26118              |
| <b>Test Date:</b>     | 09/24/21; 09/22/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5500               | 21.66                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |
| Mid     | 5580               | 20.98                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |
| High    | 5700               | 21.42                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |
| 144     | 5720               | 21.13                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |

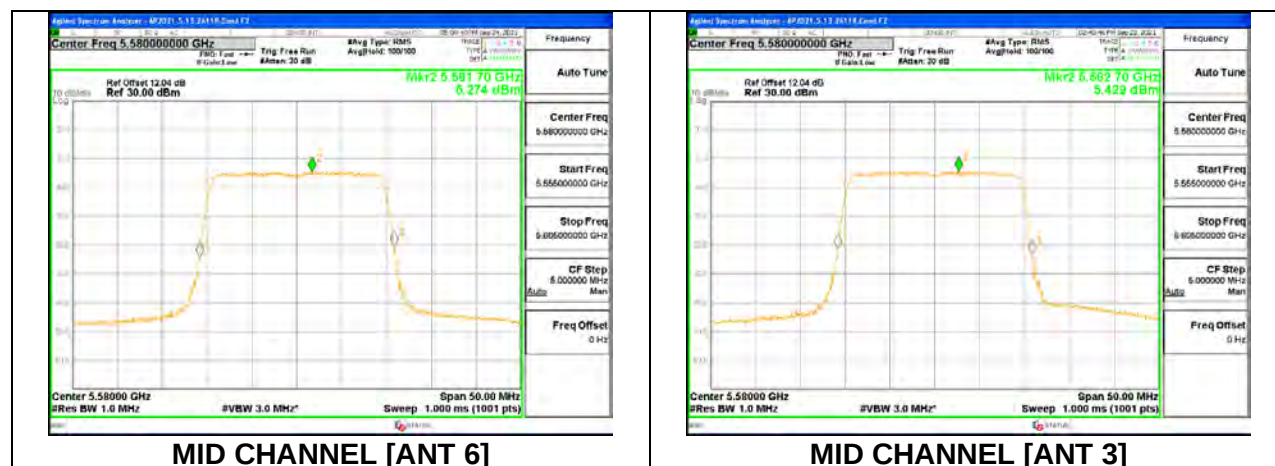
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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               | 14.35                               | 14.40                               | 17.39                             | 24.00                   | -6.61                   |
| Mid     | 5580               | 16.60                               | 16.65                               | 19.64                             | 24.00                   | -4.36                   |
| High    | 5700               | 14.82                               | 14.75                               | 17.80                             | 24.00                   | -6.20                   |
| 144     | 5720               | 16.67                               | 16.73                               | 19.71                             | 24.00                   | -4.29                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5500               | 3.390                                  | 3.228                                  | 6.320                                | 11.00                      | -4.680                |
| Mid     | 5580               | 5.274                                  | 5.429                                  | 8.362                                | 11.00                      | -2.638                |
| High    | 5700               | 3.897                                  | 3.889                                  | 6.903                                | 11.00                      | -4.097                |
| 144     | 5720               | 5.430                                  | 5.526                                  | 8.489                                | 11.00                      | -2.511                |



**9.4.17. 802.11ax HE40 MODE IN THE 5.6 GHz BAND**  
**1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 0**

|                |            |
|----------------|------------|
| Test Engineer: | 26118      |
| Test Date:     | 01/14/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5510               | 21.11                       | -1.30                        | 24.00                   | 11.00                      |
| Mid     | 5550               | 20.96                       | -1.30                        | 24.00                   | 11.00                      |
| High    | 5670               | 20.47                       | -1.30                        | 24.00                   | 11.00                      |
| 142     | 5710               | 20.93                       | -1.30                        | 24.00                   | 11.00                      |

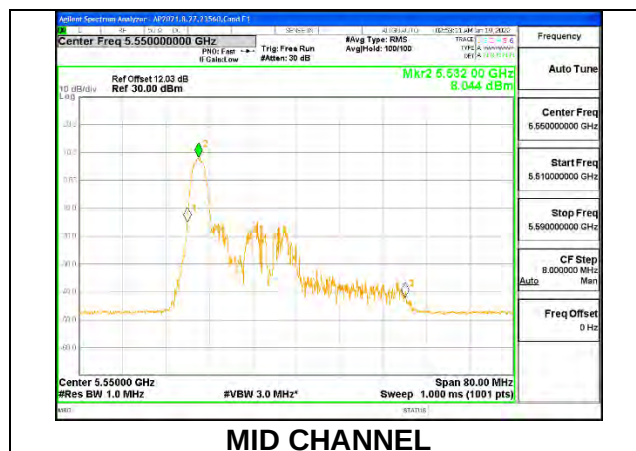
|                    |      |                                     |
|--------------------|------|-------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations Corr'd PSD |
|--------------------|------|-------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<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               | 10.68                               | 10.68                             | 24.00                   | -13.32                  |
| Mid     | 5550               | 10.80                               | 10.80                             | 24.00                   | -13.20                  |
| High    | 5670               | 10.74                               | 10.74                             | 24.00                   | -13.26                  |
| 142     | 5710               | 10.90                               | 10.90                             | 24.00                   | -13.10                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5510               | 7.991                                  | 7.991                                | 11.00                      | -3.009                |
| Mid     | 5550               | 8.044                                  | 8.044                                | 11.00                      | -2.956                |
| High    | 5670               | 8.743                                  | 8.743                                | 11.00                      | -2.257                |
| 142     | 5710               | 9.582                                  | 9.582                                | 11.00                      | -1.418                |



**1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 8**

|                |            |
|----------------|------------|
| Test Engineer: | 26118      |
| Test Date:     | 01/14/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5510               | 23.36                       | -1.30                        | 24.00                   | 11.00                      |
| Mid     | 5550               | 23.64                       | -1.30                        | 24.00                   | 11.00                      |
| High    | 5670               | 23.45                       | -1.30                        | 24.00                   | 11.00                      |
| 142     | 5710               | 23.23                       | -1.30                        | 24.00                   | 11.00                      |

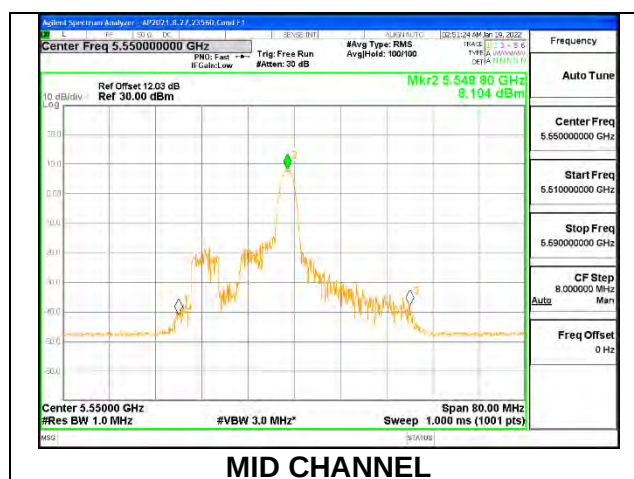
|                    |      |                                     |
|--------------------|------|-------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations Corr'd PSD |
|--------------------|------|-------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<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               | 10.72                               | 10.72                             | 24.00                   | -13.28                  |
| Mid     | 5550               | 10.65                               | 10.65                             | 24.00                   | -13.35                  |
| High    | 5670               | 10.85                               | 10.85                             | 24.00                   | -13.15                  |
| 142     | 5710               | 10.95                               | 10.95                             | 24.00                   | -13.05                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5510               | 8.414                                  | 8.414                                | 11.00                      | -2.586                |
| Mid     | 5550               | 8.104                                  | 8.104                                | 11.00                      | -2.896                |
| High    | 5670               | 8.820                                  | 8.820                                | 11.00                      | -2.180                |
| 142     | 5710               | 9.658                                  | 9.658                                | 11.00                      | -1.342                |



**1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 17**

|                       |            |
|-----------------------|------------|
| <b>Test Engineer:</b> | 26118      |
| <b>Test Date:</b>     | 01/14/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5510               | 20.73                       | -1.30                        | 24.00                   | 11.00                      |
| Mid     | 5550               | 20.62                       | -1.30                        | 24.00                   | 11.00                      |
| High    | 5670               | 20.81                       | -1.30                        | 24.00                   | 11.00                      |
| 142     | 5710               | 21.25                       | -1.30                        | 24.00                   | 11.00                      |

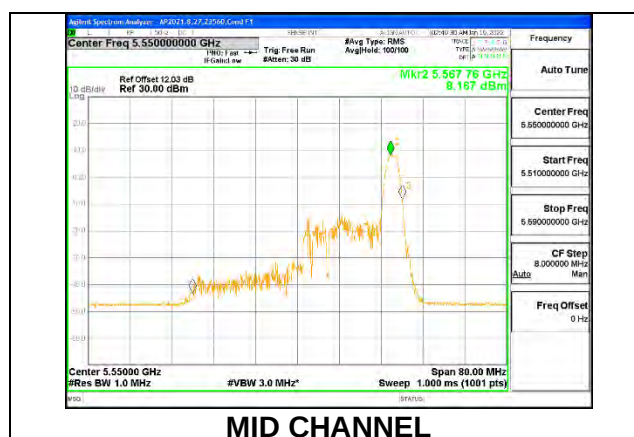
|                           |      |                                            |
|---------------------------|------|--------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations Corr'd PSD</b> |
|---------------------------|------|--------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<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               | 10.65                               | 10.65                             | 24.00                   | -13.35                  |
| Mid     | 5550               | 10.68                               | 10.68                             | 24.00                   | -13.32                  |
| High    | 5670               | 10.85                               | 10.85                             | 24.00                   | -13.15                  |
| 142     | 5710               | 10.92                               | 10.92                             | 24.00                   | -13.08                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5510               | 8.158                                  | 8.158                                | 11.00                      | -2.842                |
| Mid     | 5550               | 8.167                                  | 8.167                                | 11.00                      | -2.833                |
| High    | 5670               | 8.821                                  | 8.821                                | 11.00                      | -2.179                |
| 142     | 5710               | 9.313                                  | 9.313                                | 11.00                      | -1.687                |



**1TX Antenna 6 MODE (FCC) – SU Mode**

|                |            |
|----------------|------------|
| Test Engineer: | 26118      |
| Test Date:     | 01/14/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5510               | 43.66                       | -1.30                        | 24.00                   | 11.00                      |
| Mid     | 5550               | 41.52                       | -1.30                        | 24.00                   | 11.00                      |
| High    | 5670               | 42.52                       | -1.30                        | 24.00                   | 11.00                      |
| 142     | 5710               | 41.21                       | -1.30                        | 24.00                   | 11.00                      |

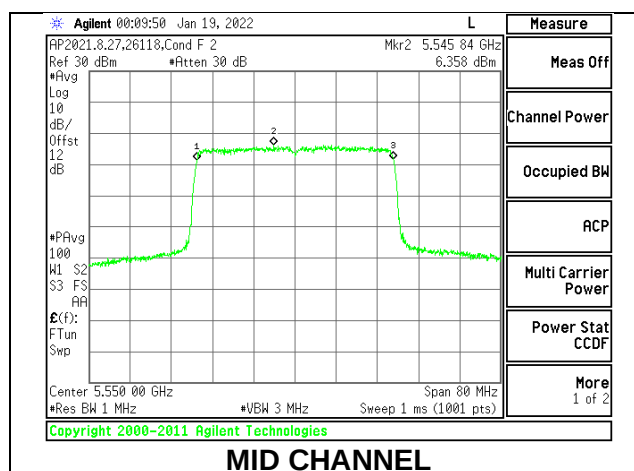
|                    |      |                                     |
|--------------------|------|-------------------------------------|
| Duty Cycle CF (dB) | 0.11 | Included in Calculations Corr'd PSD |
|--------------------|------|-------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<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               | 14.70                               | 14.70                             | 24.00                   | -9.30                   |
| Mid     | 5550               | 20.30                               | 20.30                             | 24.00                   | -3.70                   |
| High    | 5670               | 17.30                               | 17.30                             | 24.00                   | -6.70                   |
| 142     | 5710               | 20.20                               | 20.20                             | 24.00                   | -3.80                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5510               | 1.724                                  | 1.834                                | 11.00                      | -9.166                |
| Mid     | 5550               | 6.358                                  | 6.468                                | 11.00                      | -4.532                |
| High    | 5670               | 5.704                                  | 5.814                                | 11.00                      | -5.186                |
| 142     | 5710               | 6.043                                  | 6.153                                | 11.00                      | -4.847                |



**1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 0**

|                       |            |
|-----------------------|------------|
| <b>Test Engineer:</b> | 20737      |
| <b>Test Date:</b>     | 01/14/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5510               | 21.07                       | -0.50                        | 24.00                   | 11.00                      |
| Mid     | 5550               | 21.22                       | -0.50                        | 24.00                   | 11.00                      |
| High    | 5670               | 21.33                       | -0.50                        | 24.00                   | 11.00                      |
| 142     | 5710               | 20.42                       | -0.50                        | 24.00                   | 11.00                      |

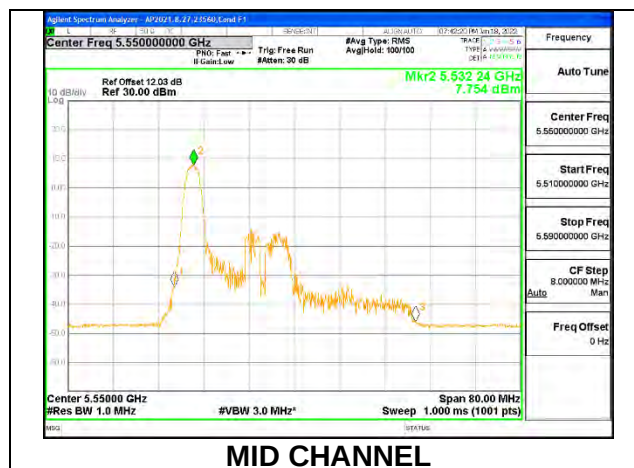
|                           |      |                                            |
|---------------------------|------|--------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations Corr'd PSD</b> |
|---------------------------|------|--------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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               | 10.65                               | 10.65                             | 24.00                   | -13.35                  |
| Mid     | 5550               | 10.66                               | 10.66                             | 24.00                   | -13.34                  |
| High    | 5670               | 10.94                               | 10.94                             | 24.00                   | -13.06                  |
| 142     | 5710               | 10.90                               | 10.90                             | 24.00                   | -13.10                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5510               | 7.645                                  | 7.645                                | 11.00                      | -3.355                |
| Mid     | 5550               | 7.754                                  | 7.754                                | 11.00                      | -3.246                |
| High    | 5670               | 8.997                                  | 8.997                                | 11.00                      | -2.003                |
| 142     | 5710               | 8.929                                  | 8.929                                | 11.00                      | -2.071                |



**1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 8**

|                |            |
|----------------|------------|
| Test Engineer: | 20737      |
| Test Date:     | 01/14/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5510               | 23.31                       | -0.50                        | 24.00                   | 11.00                      |
| Mid     | 5550               | 24.31                       | -0.50                        | 24.00                   | 11.00                      |
| High    | 5670               | 23.90                       | -0.50                        | 24.00                   | 11.00                      |
| 142     | 5710               | 23.66                       | -0.50                        | 24.00                   | 11.00                      |

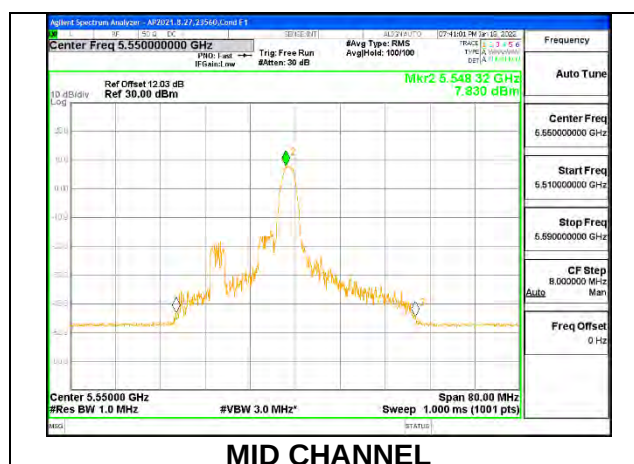
|                    |      |                                     |
|--------------------|------|-------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations Corr'd PSD |
|--------------------|------|-------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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               | 10.72                               | 10.72                             | 24.00                   | -13.28                  |
| Mid     | 5550               | 10.65                               | 10.65                             | 24.00                   | -13.35                  |
| High    | 5670               | 10.92                               | 10.92                             | 24.00                   | -13.08                  |
| 142     | 5710               | 10.90                               | 10.90                             | 24.00                   | -13.10                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5510               | 8.260                                  | 8.260                                | 11.00                      | -2.740                |
| Mid     | 5550               | 7.830                                  | 7.830                                | 11.00                      | -3.170                |
| High    | 5670               | 8.814                                  | 8.814                                | 11.00                      | -2.186                |
| 142     | 5710               | 8.778                                  | 8.778                                | 11.00                      | -2.222                |



**1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 17**

|                |            |
|----------------|------------|
| Test Engineer: | 20737      |
| Test Date:     | 01/14/2022 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5510               | 21.23                       | -0.50                        | 24.00                   | 11.00                      |
| Mid     | 5550               | 21.01                       | -0.50                        | 24.00                   | 11.00                      |
| High    | 5670               | 21.25                       | -0.50                        | 24.00                   | 11.00                      |
| 142     | 5710               | 21.26                       | -0.50                        | 24.00                   | 11.00                      |

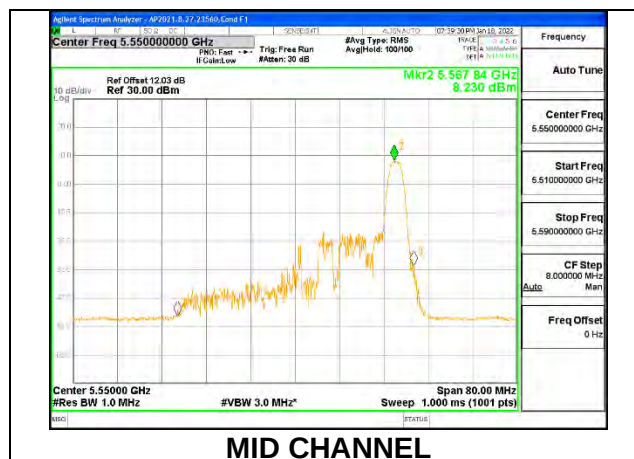
|                    |      |                                     |
|--------------------|------|-------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations Corr'd PSD |
|--------------------|------|-------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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               | 10.73                               | 10.73                             | 24.00                   | -13.27                  |
| Mid     | 5550               | 10.67                               | 10.67                             | 24.00                   | -13.33                  |
| High    | 5670               | 10.95                               | 10.95                             | 24.00                   | -13.05                  |
| 142     | 5710               | 10.90                               | 10.90                             | 24.00                   | -13.10                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5510               | 8.495                                  | 8.495                                | 11.00                      | -2.505                |
| Mid     | 5550               | 8.230                                  | 8.230                                | 11.00                      | -2.770                |
| High    | 5670               | 9.197                                  | 9.197                                | 11.00                      | -1.803                |
| 142     | 5710               | 8.956                                  | 8.956                                | 11.00                      | -2.044                |



**1TX Antenna 3 MODE (FCC) – SU Mode**

|                       |          |
|-----------------------|----------|
| <b>Test Engineer:</b> | 23560    |
| <b>Test Date:</b>     | 09/23/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5510               | 45.48                       | -0.50                        | 24.00                   | 11.00                      |
| Mid     | 5550               | 41.51                       | -0.50                        | 24.00                   | 11.00                      |
| High    | 5670               | 43.17                       | -0.50                        | 24.00                   | 11.00                      |
| 142     | 5710               | 41.25                       | -0.50                        | 24.00                   | 11.00                      |

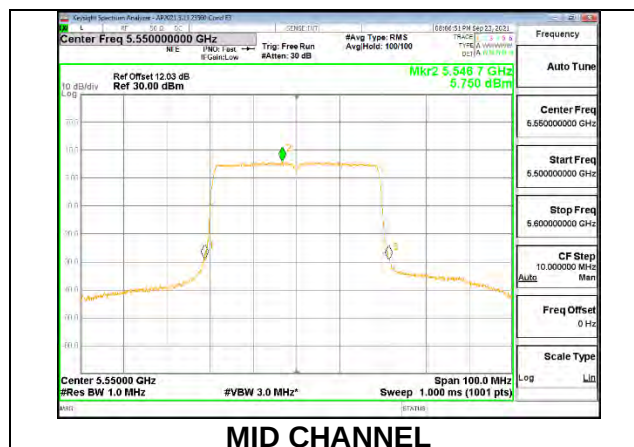
|                           |      |                                            |
|---------------------------|------|--------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.11 | <b>Included in Calculations Corr'd PSD</b> |
|---------------------------|------|--------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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               | 14.73                               | 14.73                             | 24.00                   | -9.27                   |
| Mid     | 5550               | 20.25                               | 20.25                             | 24.00                   | -3.75                   |
| High    | 5670               | 17.40                               | 17.40                             | 24.00                   | -6.60                   |
| 142     | 5710               | 20.35                               | 20.35                             | 24.00                   | -3.65                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5510               | 1.740                                  | 1.850                                | 11.00                      | -9.150                |
| Mid     | 5550               | 5.750                                  | 5.860                                | 11.00                      | -5.140                |
| High    | 5670               | 5.618                                  | 5.728                                | 11.00                      | -5.272                |
| 142     | 5710               | 5.574                                  | 5.684                                | 11.00                      | -5.316                |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 0**

|                       |                    |
|-----------------------|--------------------|
| <b>Test Engineer:</b> | 26118; 23560       |
| <b>Test Date:</b>     | 09/28/21; 09/24/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5510               | 19.68                       | -0.88                                     | 2.12                                    | 23.94                   | 11.00                      |
| Mid     | 5550               | 20.00                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |
| High    | 5670               | 20.31                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |
| 142     | 5710               | 20.09                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |

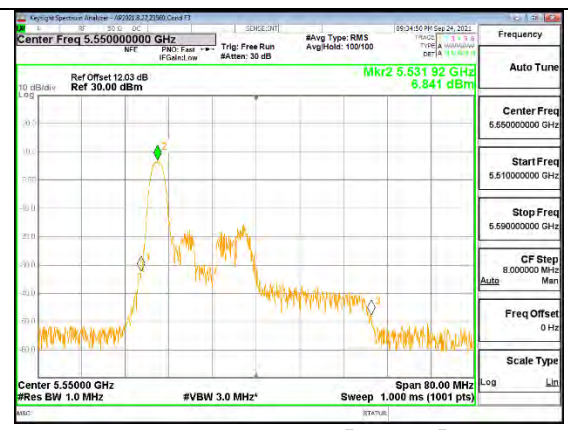
|                           |      |                                                           |
|---------------------------|------|-----------------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd Power &amp; PSD</b> |
|---------------------------|------|-------------------------------------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

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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               | 8.69                                | 6.67                                | 10.81                             | 23.94                   | -13.13                  |
| Mid     | 5550               | 8.70                                | 8.73                                | 11.73                             | 24.00                   | -12.27                  |
| High    | 5670               | 8.73                                | 8.71                                | 11.73                             | 24.00                   | -12.27                  |
| 142     | 5710               | 8.66                                | 8.67                                | 11.68                             | 24.00                   | -12.32                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------|-----------------------------|-----------------------|
| Low     | 5510               | 6.511                                  | 6.463                                  | 9.497                                | 11.00                       | -1.50                 |
| Mid     | 5550               | 6.579                                  | 6.841                                  | 9.722                                | 11.00                       | -1.28                 |
| High    | 5670               | 6.733                                  | 6.848                                  | 9.801                                | 11.00                       | -1.20                 |
| 142     | 5710               | 6.508                                  | 6.415                                  | 9.472                                | 11.00                       | -1.53                 |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 8**

|                       |                    |
|-----------------------|--------------------|
| <b>Test Engineer:</b> | 26118; 23560       |
| <b>Test Date:</b>     | 09/28/21; 09/24/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5510               | 23.23                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |
| Mid     | 5550               | 22.64                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |
| High    | 5670               | 23.02                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |
| 142     | 5710               | 23.22                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |

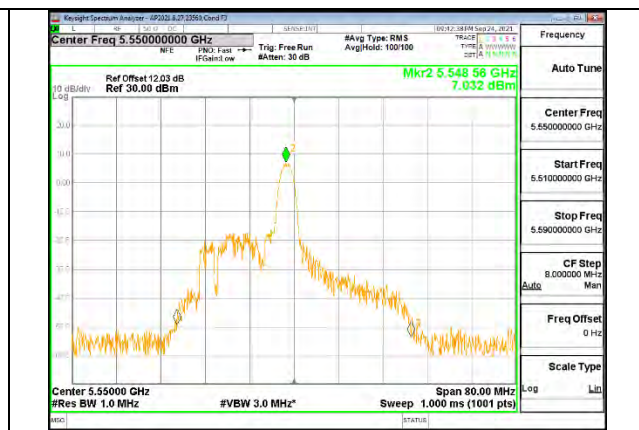
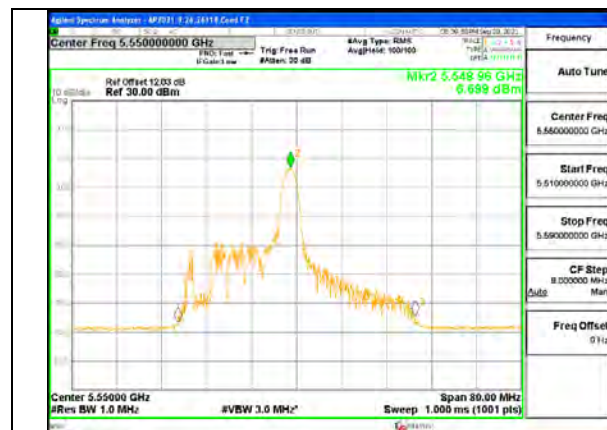
|                           |      |                                                           |
|---------------------------|------|-----------------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd Power &amp; PSD</b> |
|---------------------------|------|-------------------------------------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

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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               | 8.71                                | 8.69                                | 11.71                             | 24.00                   | -12.29                  |
| Mid     | 5550               | 8.66                                | 8.68                                | 11.68                             | 24.00                   | -12.32                  |
| High    | 5670               | 8.61                                | 8.59                                | 11.61                             | 24.00                   | -12.39                  |
| 142     | 5710               | 8.59                                | 8.60                                | 11.61                             | 24.00                   | -12.39                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------|-----------------------------|-----------------------|
| Low     | 5510               | 7.392                                  | 6.908                                  | 10.167                               | 11.00                       | -0.83                 |
| Mid     | 5550               | 6.699                                  | 7.032                                  | 9.879                                | 11.00                       | -1.12                 |
| High    | 5670               | 6.622                                  | 6.499                                  | 9.571                                | 11.00                       | -1.43                 |
| 142     | 5710               | 6.381                                  | 6.459                                  | 9.430                                | 11.00                       | -1.57                 |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 17**

|                       |                    |
|-----------------------|--------------------|
| <b>Test Engineer:</b> | 26118; 23560       |
| <b>Test Date:</b>     | 09/28/21; 09/24/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5510               | 19.78                       | -0.88                                     | 2.12                                    | 23.96                   | 11.00                      |
| Mid     | 5550               | 20.02                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |
| High    | 5670               | 19.89                       | -0.88                                     | 2.12                                    | 23.99                   | 11.00                      |
| 142     | 5710               | 19.85                       | -0.88                                     | 2.12                                    | 23.98                   | 11.00                      |

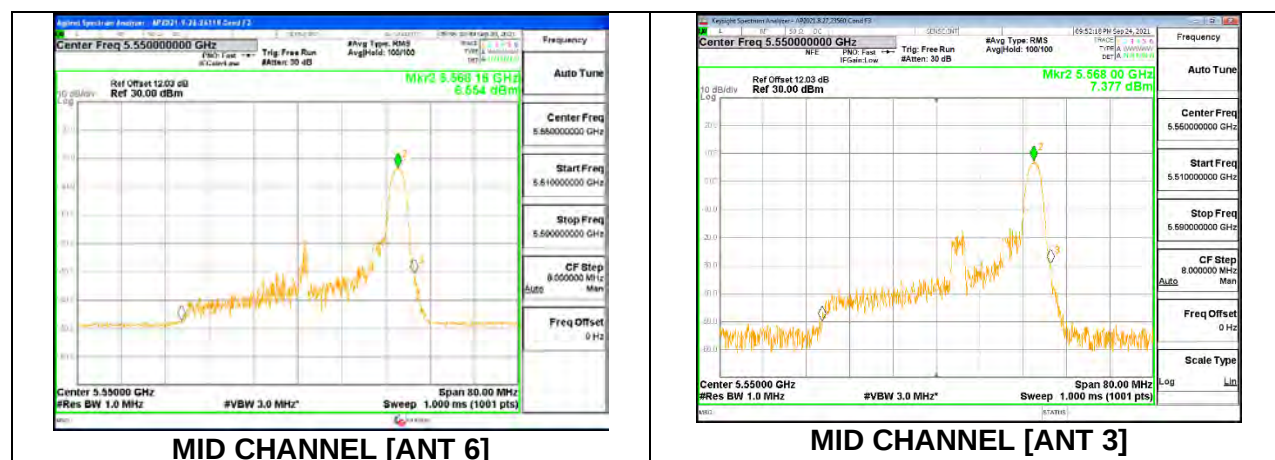
|                           |      |                                                           |
|---------------------------|------|-----------------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd Power &amp; PSD</b> |
|---------------------------|------|-------------------------------------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

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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               | 8.68                                | 8.64                                | 11.67                             | 23.96                   | -12.29                  |
| Mid     | 5550               | 8.70                                | 8.72                                | 11.72                             | 24.00                   | -12.28                  |
| High    | 5670               | 8.69                                | 8.67                                | 11.69                             | 23.99                   | -12.30                  |
| 142     | 5710               | 8.66                                | 8.68                                | 11.68                             | 23.98                   | -12.30                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------|-----------------------------|-----------------------|
| Low     | 5510               | 6.372                                  | 6.284                                  | 9.339                                | 11.00                       | -1.66                 |
| Mid     | 5550               | 6.554                                  | 7.377                                  | 9.995                                | 11.00                       | -1.00                 |
| High    | 5670               | 6.375                                  | 6.177                                  | 9.287                                | 11.00                       | -1.71                 |
| 142     | 5710               | 6.323                                  | 6.439                                  | 9.392                                | 11.00                       | -1.61                 |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – SU Mode**

|                       |                    |
|-----------------------|--------------------|
| <b>Test Engineer:</b> | 26118; 23560       |
| <b>Test Date:</b>     | 09/28/21; 09/24/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5510               | 41.75                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |
| Mid     | 5550               | 40.94                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |
| High    | 5670               | 42.42                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |
| 142     | 5710               | 40.72                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |

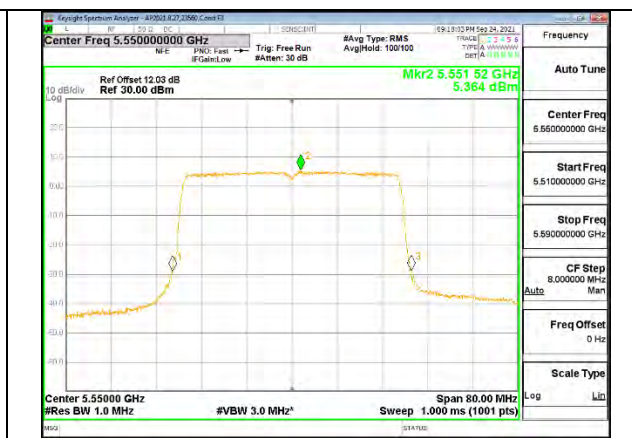
|                           |      |                                                           |
|---------------------------|------|-----------------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.11 | <b>Included in Calculations of Corr'd Power &amp; PSD</b> |
|---------------------------|------|-----------------------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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               | 14.40                               | 14.25                               | 17.34                             | 24.00                   | -6.66                   |
| Mid     | 5550               | 19.44                               | 19.43                               | 22.45                             | 24.00                   | -1.55                   |
| High    | 5670               | 16.76                               | 16.70                               | 19.74                             | 24.00                   | -4.26                   |
| 142     | 5710               | 19.42                               | 19.35                               | 22.40                             | 24.00                   | -1.60                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------|-----------------------------|-----------------------|
| Low     | 5510               | 1.225                                  | 1.121                                  | 4.294                                | 11.00                       | -6.71                 |
| Mid     | 5550               | 5.028                                  | 5.364                                  | 8.320                                | 11.00                       | -2.68                 |
| High    | 5670               | 4.980                                  | 5.252                                  | 8.238                                | 11.00                       | -2.76                 |
| 142     | 5710               | 5.140                                  | 5.481                                  | 8.434                                | 11.00                       | -2.57                 |



## 9.4.18. 802.11ax HE80 MODE IN THE 5.6 GHz BAND

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

|                |          |
|----------------|----------|
| Test Engineer: | 26118    |
| Test Date:     | 10/01/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5530               | 19.74                       | -1.30                        | 23.95                   | 11.00                      |
| High    | 5610               | 19.52                       | -1.30                        | 23.90                   | 11.00                      |
| 138     | 5690               | 19.68                       | -1.30                        | 23.94                   | 11.00                      |

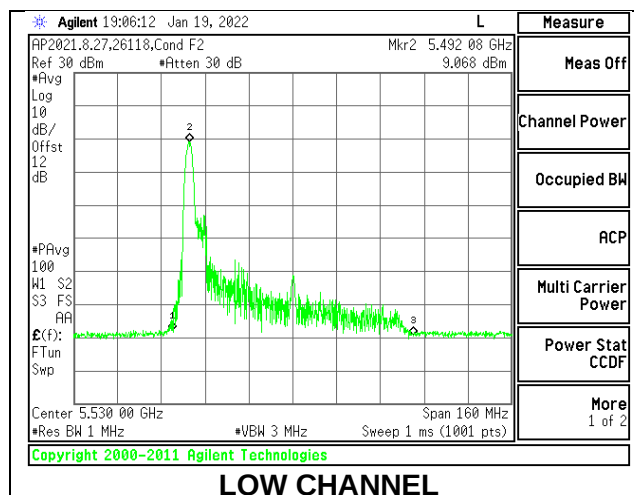
|                    |      |                                     |
|--------------------|------|-------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations Corr'd PSD |
|--------------------|------|-------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<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               | 11.69                               | 11.69                             | 23.95                   | -12.26                  |
| High    | 5610               | 11.87                               | 11.87                             | 23.90                   | -12.03                  |
| 138     | 5690               | 11.77                               | 11.77                             | 23.94                   | -12.17                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5530               | 9.068                                  | 9.068                                | 11.00                      | -1.932                |
| High    | 5610               | 9.087                                  | 9.087                                | 11.00                      | -1.913                |
| 138     | 5690               | 9.178                                  | 9.178                                | 11.00                      | -1.822                |



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

|                |          |
|----------------|----------|
| Test Engineer: | 26118    |
| Test Date:     | 10/01/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5530               | 40.64                       | -1.30                        | 24.00                   | 11.00                      |
| High    | 5610               | 40.62                       | -1.30                        | 24.00                   | 11.00                      |
| 138     | 5690               | 39.59                       | -1.30                        | 24.00                   | 11.00                      |

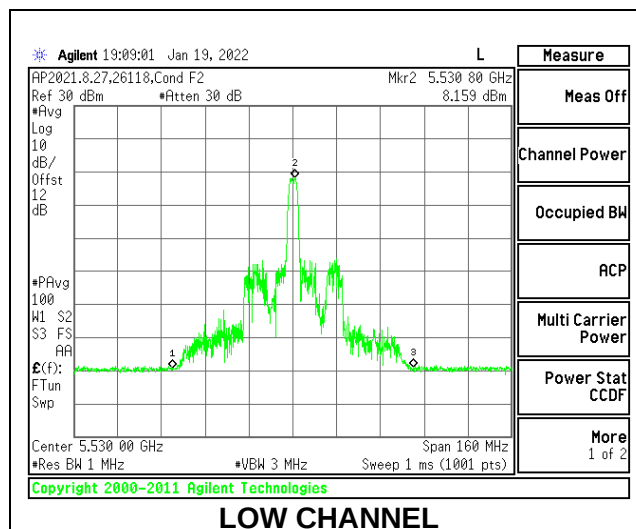
|                    |      |                                     |
|--------------------|------|-------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations Corr'd PSD |
|--------------------|------|-------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<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               | 11.90                               | 11.90                             | 24.00                   | -12.10                  |
| High    | 5610               | 11.84                               | 11.84                             | 24.00                   | -12.16                  |
| 138     | 5690               | 11.89                               | 11.89                             | 24.00                   | -12.11                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5530               | 8.159                                  | 8.159                                | 11.00                      | -2.841                |
| High    | 5610               | 8.095                                  | 8.095                                | 11.00                      | -2.905                |
| 138     | 5690               | 8.313                                  | 8.313                                | 11.00                      | -2.687                |



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

|                |          |
|----------------|----------|
| Test Engineer: | 26118    |
| Test Date:     | 10/01/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5530               | 20.58                       | -1.30                        | 24.00                   | 11.00                      |
| High    | 5610               | 20.70                       | -1.30                        | 24.00                   | 11.00                      |
| 138     | 5690               | 20.59                       | -1.30                        | 24.00                   | 11.00                      |

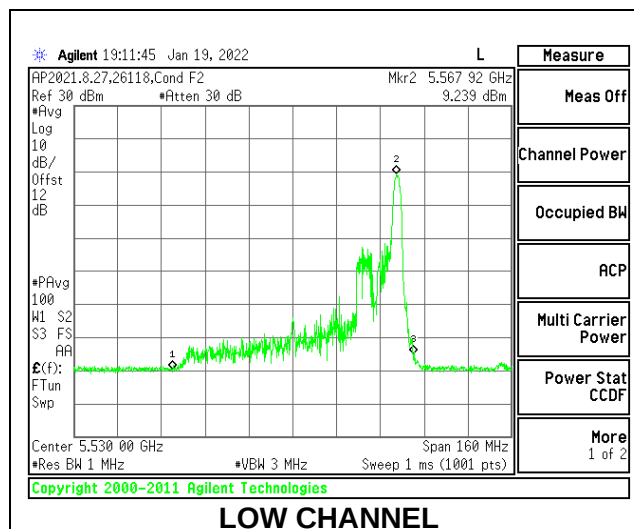
|                    |      |                                     |
|--------------------|------|-------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations Corr'd PSD |
|--------------------|------|-------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<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               | 11.71                               | 11.71                             | 24.00                   | -12.29                  |
| High    | 5610               | 11.89                               | 11.89                             | 24.00                   | -12.11                  |
| 138     | 5690               | 11.69                               | 11.69                             | 24.00                   | -12.31                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5530               | 9.239                                  | 9.239                                | 11.00                      | -1.761                |
| High    | 5610               | 9.846                                  | 9.846                                | 11.00                      | -1.154                |
| 138     | 5690               | 9.504                                  | 9.504                                | 11.00                      | -1.496                |



**1TX Antenna 6 MODE (FCC) – SU Mode**

|                |          |
|----------------|----------|
| Test Engineer: | 26118    |
| Test Date:     | 09/30/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5530               | 83.44                       | -1.30                        | 24.00                   | 11.00                      |
| High    | 5610               | 83.05                       | -1.30                        | 24.00                   | 11.00                      |
| 138     | 5690               | 81.58                       | -1.30                        | 24.00                   | 11.00                      |

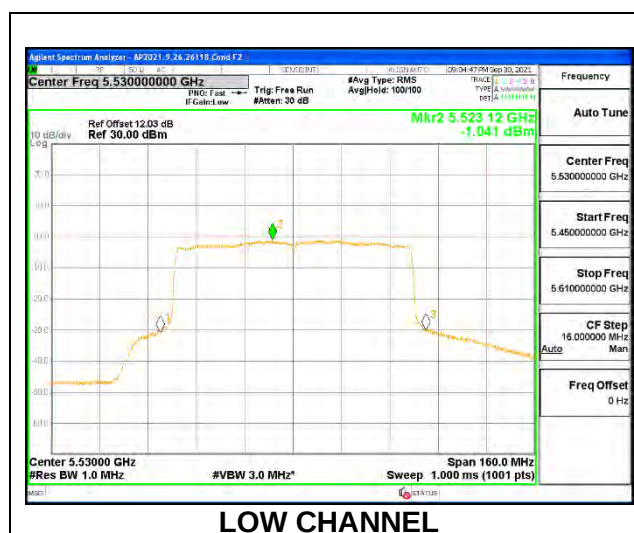
|                    |      |                                     |
|--------------------|------|-------------------------------------|
| Duty Cycle CF (dB) | 0.24 | Included in Calculations Corr'd PSD |
|--------------------|------|-------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<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               | 14.33                               | 14.33                             | 24.00                   | -9.67                   |
| High    | 5610               | 21.36                               | 21.36                             | 24.00                   | -2.64                   |
| 138     | 5690               | 21.09                               | 21.09                             | 24.00                   | -2.91                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5530               | -1.041                                 | -0.801                               | 11.00                      | -11.801               |
| High    | 5610               | 4.218                                  | 4.458                                | 11.00                      | -6.542                |
| 138     | 5690               | 3.803                                  | 4.043                                | 11.00                      | -6.957                |



**1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 0**

|                |          |
|----------------|----------|
| Test Engineer: | 20737    |
| Test Date:     | 09/30/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5530               | 18.75                       | -0.50                        | 23.73                   | 11.00                      |
| High    | 5610               | 19.59                       | -0.50                        | 23.92                   | 11.00                      |
| 138     | 5690               | 19.66                       | -0.50                        | 23.94                   | 11.00                      |

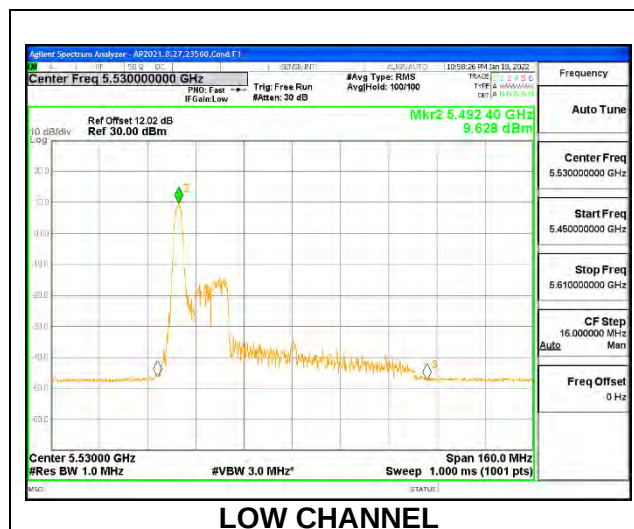
|                    |      |                                     |
|--------------------|------|-------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations Corr'd PSD |
|--------------------|------|-------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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               | 11.66                               | 11.66                             | 23.73                   | -12.07                  |
| High    | 5610               | 11.72                               | 11.72                             | 23.92                   | -12.20                  |
| 138     | 5690               | 11.81                               | 11.81                             | 23.94                   | -12.13                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5530               | 9.682                                  | 9.682                                | 11.00                      | -1.318                |
| High    | 5610               | 9.333                                  | 9.333                                | 11.00                      | -1.667                |
| 138     | 5690               | 9.717                                  | 9.717                                | 11.00                      | -1.283                |



**1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 18**

|                |          |
|----------------|----------|
| Test Engineer: | 20737    |
| Test Date:     | 09/30/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5530               | 39.91                       | -0.50                        | 24.00                   | 11.00                      |
| High    | 5610               | 40.54                       | -0.50                        | 24.00                   | 11.00                      |
| 138     | 5690               | 40.16                       | -0.50                        | 24.00                   | 11.00                      |

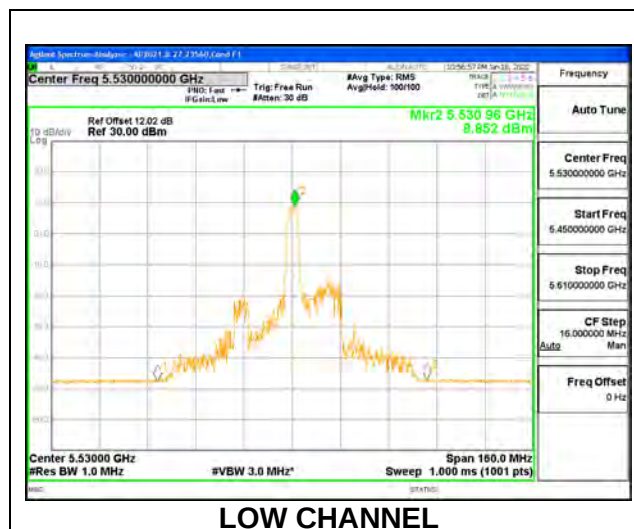
|                    |      |                                     |
|--------------------|------|-------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations Corr'd PSD |
|--------------------|------|-------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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               | 11.89                               | 11.89                             | 24.00                   | -12.11                  |
| High    | 5610               | 11.82                               | 11.82                             | 24.00                   | -12.18                  |
| 138     | 5690               | 11.68                               | 11.68                             | 24.00                   | -12.32                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5530               | 8.852                                  | 8.852                                | 11.00                      | -2.148                |
| High    | 5610               | 8.558                                  | 8.558                                | 11.00                      | -2.442                |
| 138     | 5690               | 8.418                                  | 8.418                                | 11.00                      | -2.582                |



**1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 36**

|                |          |
|----------------|----------|
| Test Engineer: | 20737    |
| Test Date:     | 09/30/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5530               | 20.34                       | -0.50                        | 24.00                   | 11.00                      |
| High    | 5610               | 20.11                       | -0.50                        | 24.00                   | 11.00                      |
| 138     | 5690               | 20.13                       | -0.50                        | 24.00                   | 11.00                      |

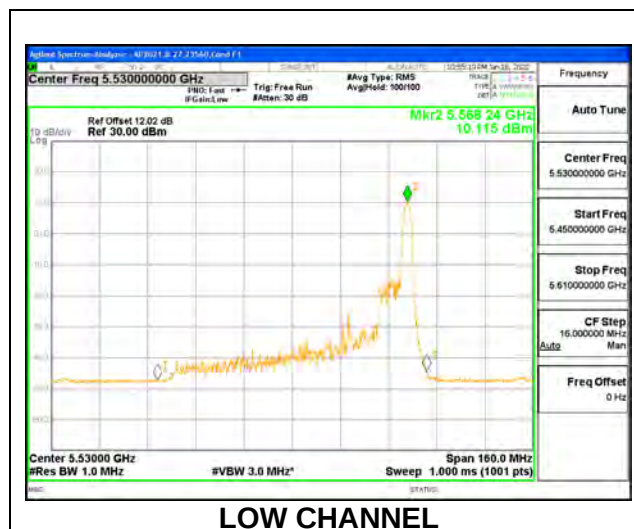
|                    |      |                                     |
|--------------------|------|-------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations Corr'd PSD |
|--------------------|------|-------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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               | 11.84                               | 11.84                             | 24.00                   | -12.16                  |
| High    | 5610               | 11.66                               | 11.66                             | 24.00                   | -12.34                  |
| 138     | 5690               | 11.79                               | 11.79                             | 24.00                   | -12.21                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5530               | 10.115                                 | 10.115                               | 11.00                      | -0.885                |
| High    | 5610               | 9.841                                  | 9.841                                | 11.00                      | -1.159                |
| 138     | 5690               | 10.228                                 | 10.228                               | 11.00                      | -0.772                |



**1TX Antenna 3 MODE (FCC) – SU Mode**

|                |          |
|----------------|----------|
| Test Engineer: | 26118    |
| Test Date:     | 10/05/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|------------------------------|-------------------------|----------------------------|
| Low     | 5530               | 82.37                       | -0.50                        | 24.00                   | 11.00                      |
| High    | 5610               | 86.92                       | -0.50                        | 24.00                   | 11.00                      |
| 138     | 5690               | 81.92                       | -0.50                        | 24.00                   | 11.00                      |

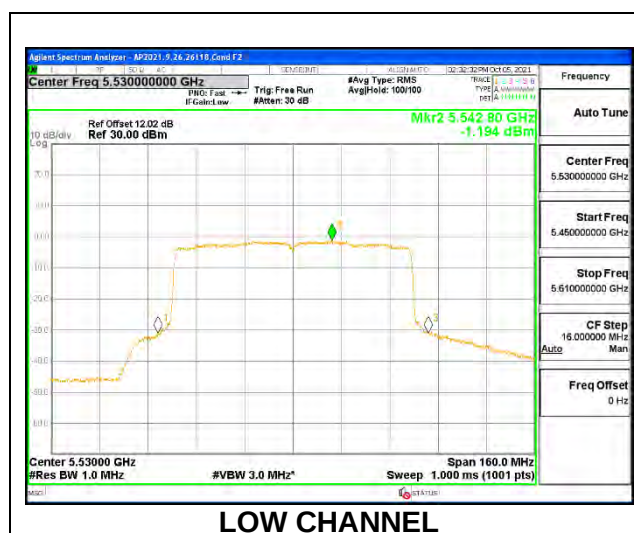
|                    |      |                                     |
|--------------------|------|-------------------------------------|
| Duty Cycle CF (dB) | 0.24 | Included in Calculations Corr'd PSD |
|--------------------|------|-------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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               | 14.32                               | 14.32                             | 24.00                   | -9.68                   |
| High    | 5610               | 21.19                               | 21.19                             | 24.00                   | -2.81                   |
| 138     | 5690               | 21.24                               | 21.24                             | 24.00                   | -2.76                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5530               | -1.194                                 | -0.954                               | 11.00                      | -11.954               |
| High    | 5610               | 4.260                                  | 4.500                                | 11.00                      | -6.500                |
| 138     | 5690               | 5.278                                  | 5.518                                | 11.00                      | -5.482                |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 0**

|                       |                    |
|-----------------------|--------------------|
| <b>Test Engineer:</b> | 26118; 23560       |
| <b>Test Date:</b>     | 10/01/21; 10/04/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5530               | 19.55                       | -0.88                                     | 2.12                                    | 23.91                   | 11.00                      |
| High    | 5610               | 19.35                       | -0.88                                     | 2.12                                    | 23.87                   | 11.00                      |
| 138     | 5690               | 19.36                       | -0.88                                     | 2.12                                    | 23.87                   | 11.00                      |

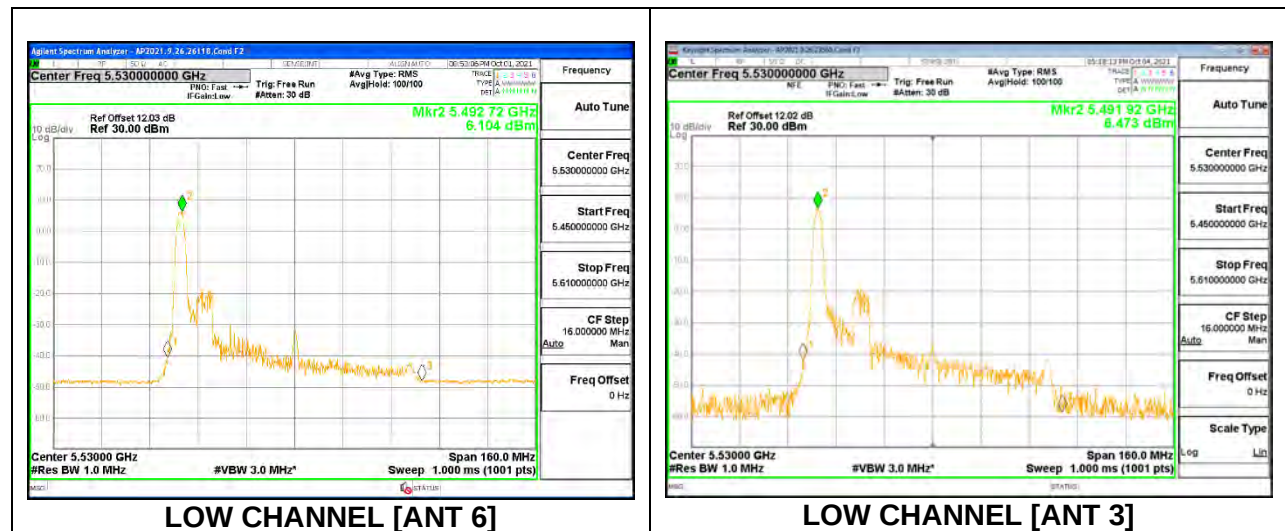
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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               | 7.55                                | 7.65                                | 10.61                             | 23.91                   | -13.30                  |
| High    | 5610               | 7.57                                | 7.69                                | 10.64                             | 23.87                   | -13.23                  |
| 138     | 5690               | 7.63                                | 7.71                                | 10.68                             | 23.87                   | -13.19                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5530               | 6.104                                  | 6.473                                  | 9.303                                | 11.00                      | -1.697                |
| High    | 5610               | 6.179                                  | 6.583                                  | 9.396                                | 11.00                      | -1.604                |
| 138     | 5690               | 6.391                                  | 6.612                                  | 9.513                                | 11.00                      | -1.487                |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 18**

|                       |                    |
|-----------------------|--------------------|
| <b>Test Engineer:</b> | 26118; 23560       |
| <b>Test Date:</b>     | 10/01/21; 10/04/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5530               | 38.74                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |
| High    | 5610               | 38.70                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |
| 138     | 5690               | 38.77                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |

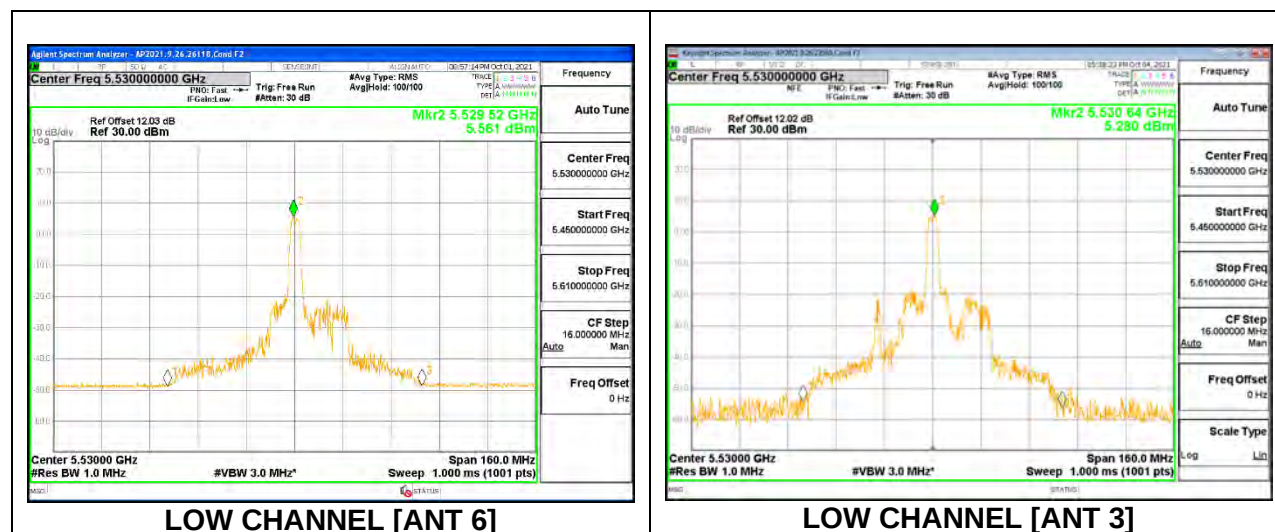
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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               | 7.73                                | 7.65                                | 10.70                             | 24.00                   | -13.30                  |
| High    | 5610               | 7.53                                | 7.58                                | 10.57                             | 24.00                   | -13.43                  |
| 138     | 5690               | 7.61                                | 7.63                                | 10.63                             | 24.00                   | -13.37                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5530               | 5.561                                  | 5.280                                  | 8.433                                | 11.00                      | -2.567                |
| High    | 5610               | 5.069                                  | 5.124                                  | 8.107                                | 11.00                      | -2.893                |
| 138     | 5690               | 5.211                                  | 5.259                                  | 8.245                                | 11.00                      | -2.755                |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 36**

|                       |                    |
|-----------------------|--------------------|
| <b>Test Engineer:</b> | 26118; 23560       |
| <b>Test Date:</b>     | 10/01/21; 10/04/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5530               | 19.55                       | -0.88                                     | 2.12                                    | 23.91                   | 11.00                      |
| High    | 5610               | 19.33                       | -0.88                                     | 2.12                                    | 23.86                   | 11.00                      |
| 138     | 5690               | 19.61                       | -0.88                                     | 2.12                                    | 23.92                   | 11.00                      |

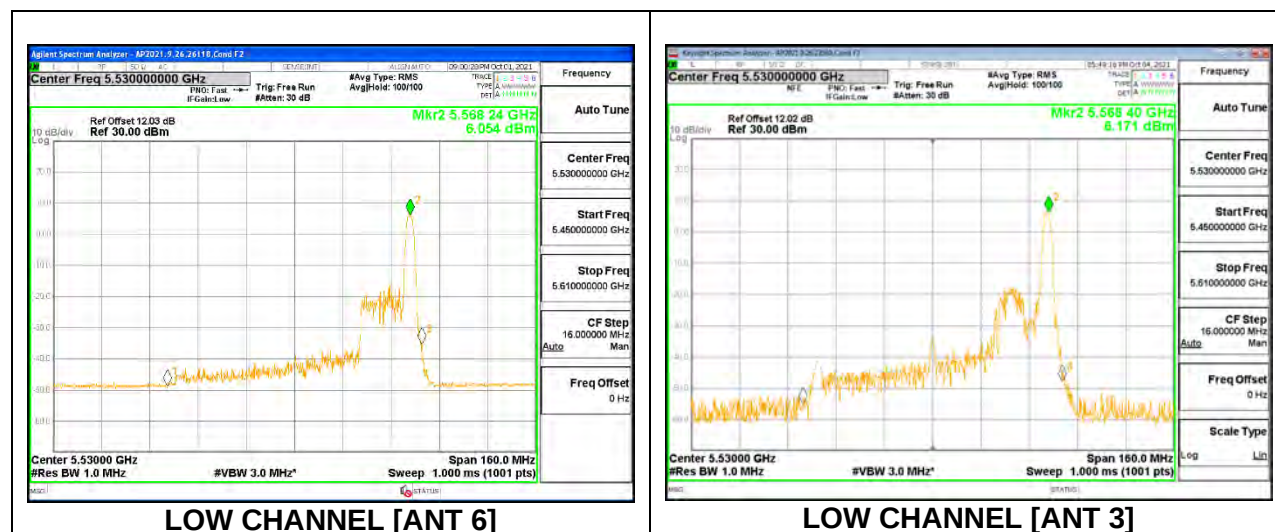
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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               | 7.54                                | 7.60                                | 10.58                             | 23.91                   | -13.33                  |
| High    | 5610               | 7.65                                | 7.75                                | 10.71                             | 23.86                   | -13.15                  |
| 138     | 5690               | 7.67                                | 7.70                                | 10.70                             | 23.92                   | -13.23                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5530               | 6.054                                  | 6.171                                  | 9.123                                | 11.00                      | -1.877                |
| High    | 5610               | 6.402                                  | 6.673                                  | 9.550                                | 11.00                      | -1.450                |
| 138     | 5690               | 6.422                                  | 6.530                                  | 9.487                                | 11.00                      | -1.513                |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – SU Mode**

|                       |                    |
|-----------------------|--------------------|
| <b>Test Engineer:</b> | 26118; 23560       |
| <b>Test Date:</b>     | 10/01/21; 10/04/21 |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-----------------------------|-------------------------------------------|-----------------------------------------|-------------------------|----------------------------|
| Low     | 5530               | 82.81                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |
| High    | 5610               | 81.36                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |
| 138     | 5690               | 81.14                       | -0.88                                     | 2.12                                    | 24.00                   | 11.00                      |

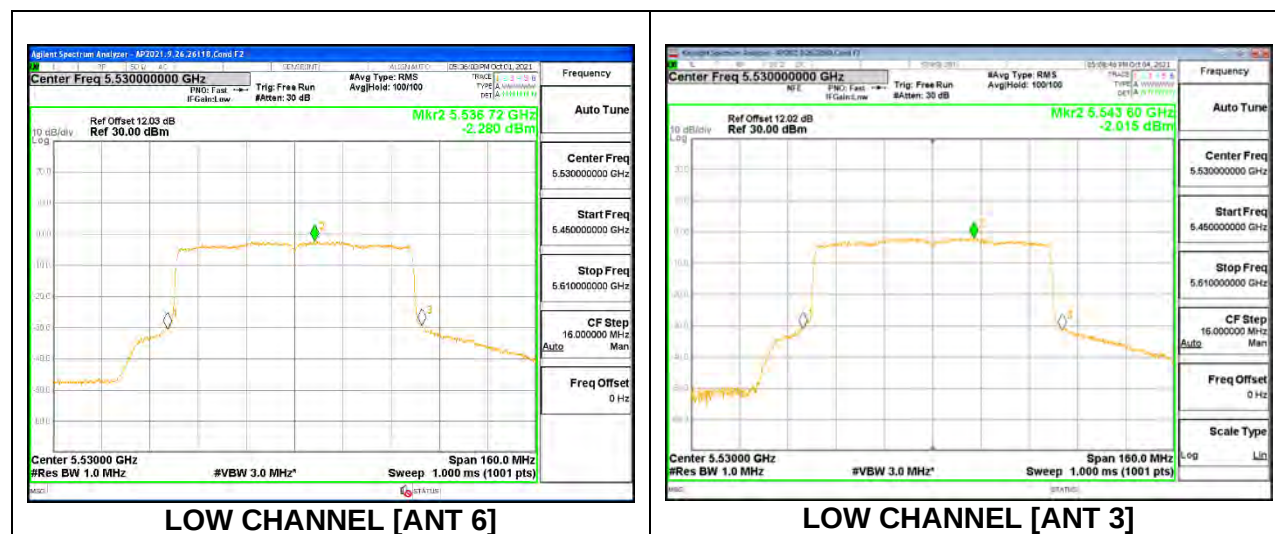
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.24 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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               | 13.64                               | 13.71                               | 16.69                             | 24.00                   | -7.31                   |
| High    | 5610               | 19.60                               | 19.70                               | 22.66                             | 24.00                   | -1.34                   |
| 138     | 5690               | 19.57                               | 19.67                               | 22.63                             | 24.00                   | -1.37                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/1MHz) | PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------|----------------------------|-----------------------|
| Low     | 5530               | -2.280                                 | -2.015                                 | 1.105                                | 11.00                      | -9.895                |
| High    | 5610               | 2.786                                  | 3.093                                  | 6.193                                | 11.00                      | -4.807                |
| 138     | 5690               | 2.759                                  | 2.959                                  | 6.110                                | 11.00                      | -4.890                |



## 9.4.19. 802.11n HT20 MODE IN THE 5.8 GHz BAND

**1TX Antenna 6 MODE (FCC)**

|                |          |
|----------------|----------|
| Test Engineer: | 26118    |
| Test Date:     | 10/05/21 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Low     | 5745               | -1.60                        | 30.00                   | 30.00                        |
| Mid     | 5785               | -1.60                        | 30.00                   | 30.00                        |
| High    | 5825               | -1.60                        | 30.00                   | 30.00                        |

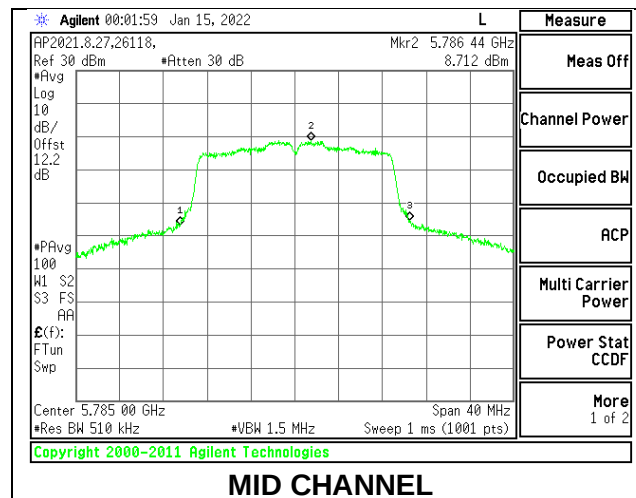
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<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     | 5745               | 21.30                               | 21.30                             | 30.00                   | -8.70                   |
| Mid     | 5785               | 21.12                               | 21.12                             | 30.00                   | -8.88                   |
| High    | 5825               | 21.09                               | 21.09                             | 30.00                   | -8.91                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5745               | 9.234                                    | 9.234                                  | 20.766                       | -11.53                |
| Mid     | 5785               | 8.712                                    | 8.712                                  | 21.288                       | -12.58                |
| High    | 5825               | 8.726                                    | 8.726                                  | 21.274                       | -12.55                |



**1TX Antenna 3 MODE (FCC)**

|                |          |
|----------------|----------|
| Test Engineer: | 20737    |
| Test Date:     | 10/05/21 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Low     | 5745               | -0.10                        | 30.00                   | 30.00                        |
| Mid     | 5785               | -0.10                        | 30.00                   | 30.00                        |
| High    | 5825               | -0.10                        | 30.00                   | 30.00                        |

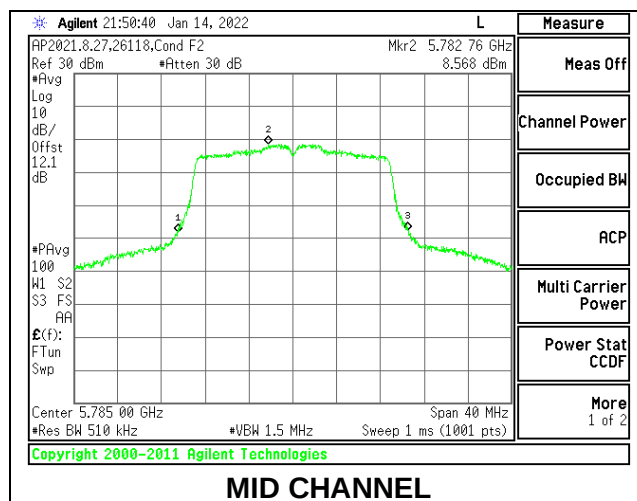
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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     | 5745               | 21.19                               | 21.19                             | 30.00                   | -8.81                   |
| Mid     | 5785               | 21.25                               | 21.25                             | 30.00                   | -8.75                   |
| High    | 5825               | 21.21                               | 21.21                             | 30.00                   | -8.79                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5745               | 8.816                                    | 8.816                                  | 30.00                        | -21.18                |
| Mid     | 5785               | 8.568                                    | 8.568                                  | 30.00                        | -21.43                |
| High    | 5825               | 9.046                                    | 9.046                                  | 30.00                        | -20.95                |



**2TX Antenna 6 + Antenna 3 CDD MODE (FCC)**

|                |                    |
|----------------|--------------------|
| Test Engineer: | 26118; 20737       |
| Test Date:     | 10/05/21; 10/06/21 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>For Power<br>(dBi) | Directional<br>Gain<br>For PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|------------------------------|
| Low     | 5745               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |
| Mid     | 5785               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |
| High    | 5825               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |

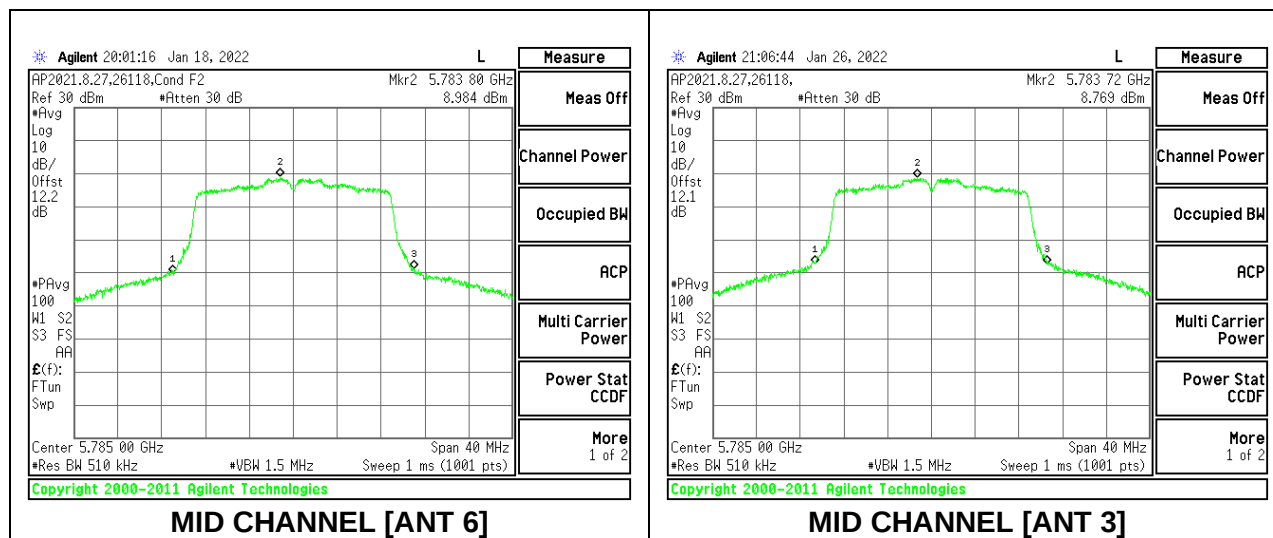
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**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     | 5745               | 21.11                               | 21.15                               | 24.14                             | 30.00                   | -5.86                   |
| Mid     | 5785               | 21.22                               | 21.20                               | 24.22                             | 30.00                   | -5.78                   |
| High    | 5825               | 21.19                               | 21.17                               | 24.19                             | 30.00                   | -5.81                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5745               | 8.682                                    | 8.848                                    | 11.776                                 | 30.00                        | -18.224               |
| Mid     | 5785               | 8.984                                    | 8.769                                    | 11.888                                 | 30.00                        | -18.112               |
| High    | 5825               | 8.815                                    | 8.955                                    | 11.896                                 | 30.00                        | -18.104               |



## 9.4.20. 802.11n HT40 MODE IN THE 5.8 GHz BAND

## 1TX Antenna 6 MODE (FCC)

|                |          |
|----------------|----------|
| Test Engineer: | 23560    |
| Test Date:     | 09/15/21 |

## Antenna Gain and Limit

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Low     | 5755               | -1.60                        | 30.00                   | 30.00                        |
| High    | 5795               | -1.60                        | 30.00                   | 30.00                        |

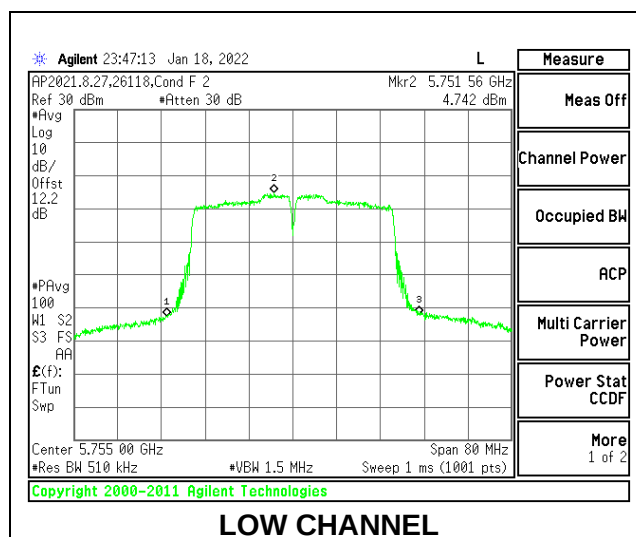
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.10 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<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     | 5755               | 20.24                               | 20.24                             | 30.00                   | -9.76                   |
| High    | 5795               | 20.20                               | 20.20                             | 30.00                   | -9.80                   |

## PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5755               | 4.742                                    | 4.842                                  | 30.00                        | -25.16                |
| High    | 5795               | 4.942                                    | 5.042                                  | 30.00                        | -24.96                |



**1TX Antenna 3 MODE (FCC)**

|                |            |
|----------------|------------|
| Test Engineer: | 23560      |
| Test Date:     | 01/19/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Low     | 5755               | -0.10                        | 30.00                   | 30.00                        |
| High    | 5795               | -0.10                        | 30.00                   | 30.00                        |

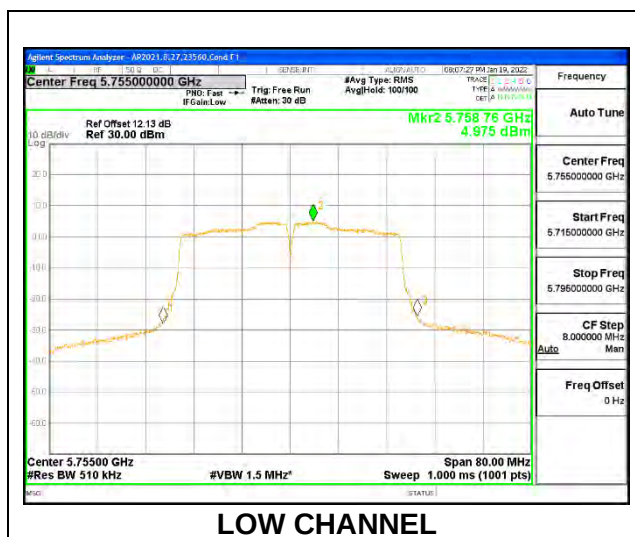
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.10 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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     | 5755               | 20.09                               | 20.09                             | 30.00                   | -9.91                   |
| High    | 5795               | 20.16                               | 20.16                             | 30.00                   | -9.84                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5755               | 4.975                                    | 5.075                                  | 30.00                        | -24.93                |
| High    | 5795               | 5.379                                    | 5.479                                  | 30.00                        | -24.52                |



**2TX Antenna 6 + Antenna 3 CDD MODE (FCC)**

|                       |                    |
|-----------------------|--------------------|
| <b>Test Engineer:</b> | 23560; 23560       |
| <b>Test Date:</b>     | 01/18/22; 01/26/22 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>For Power<br>(dBi) | Directional<br>Gain<br>For PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|------------------------------|
| Low     | 5755               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |
| High    | 5795               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |

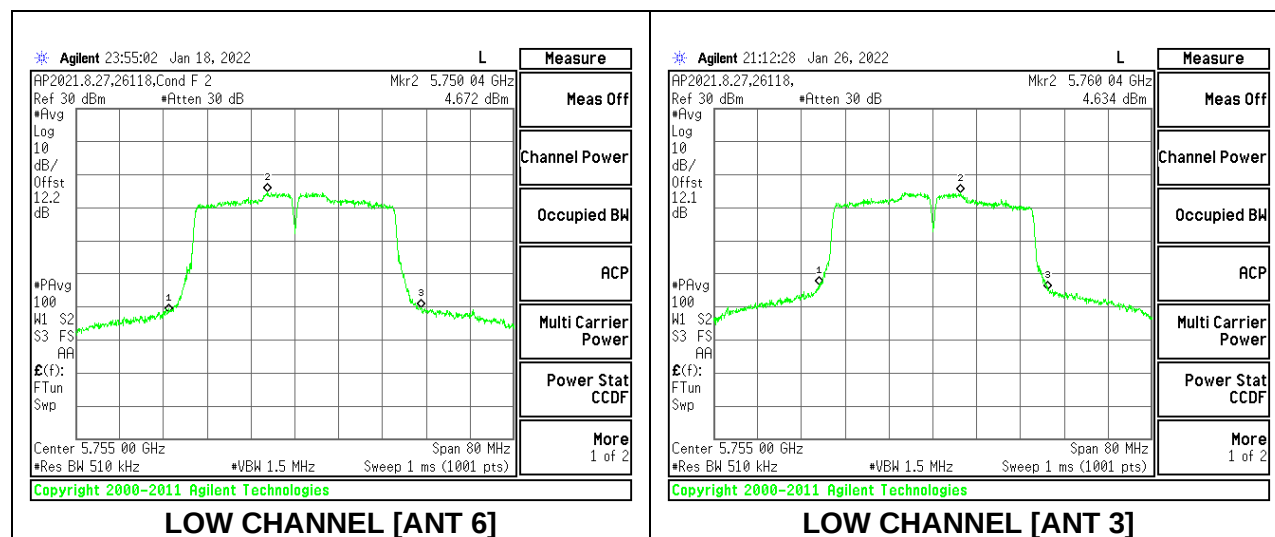
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.10 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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     | 5755               | 20.25                               | 20.21                               | 23.24                             | 30.00                   | -6.76                   |
| High    | 5795               | 20.39                               | 20.19                               | 23.30                             | 30.00                   | -6.70                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5755               | 4.672                                    | 4.634                                    | 7.763                                  | 30.00                        | -22.237               |
| High    | 5795               | 4.451                                    | 4.656                                    | 7.665                                  | 30.00                        | -22.335               |



## 9.4.21. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE (FCC)

|                |            |
|----------------|------------|
| Test Engineer: | 23560      |
| Test Date:     | 01/19/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Mid     | 5775               | -1.60                        | 30.00                   | 30.00                        |

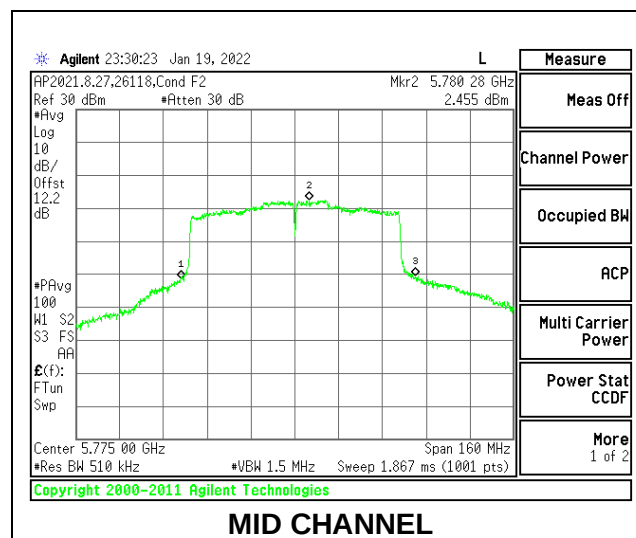
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.20 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5775               | 21.19                               | 21.19                             | 30.00                   | -8.81                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Mid     | 5775               | 2.455                                    | 2.655                                  | 30.00                        | -27.35                |



**1TX Antenna 3 MODE (FCC)**

|                |            |
|----------------|------------|
| Test Engineer: | 23560      |
| Test Date:     | 01/19/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Mid     | 5775               | -0.10                        | 30.00                   | 30.00                        |

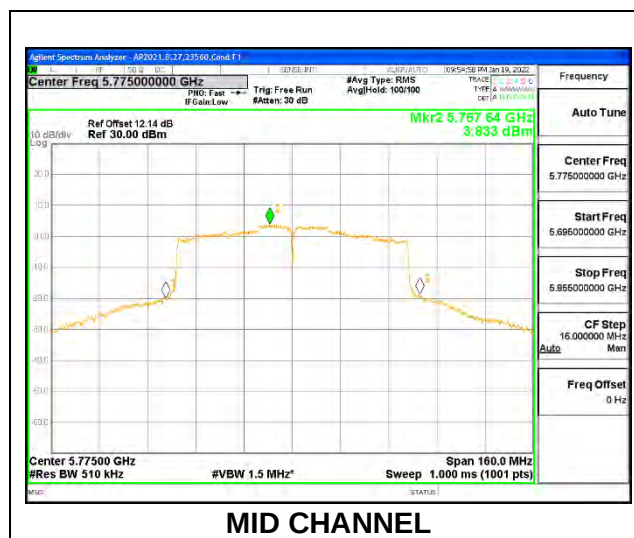
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.20 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5775               | 21.23                               | 21.23                             | 30.00                   | -8.77                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Mid     | 5775               | 3.833                                    | 4.033                                  | 30.00                        | -25.97                |



**2TX Antenna 6 + Antenna 3 CDD MODE (FCC)**

|                |                        |
|----------------|------------------------|
| Test Engineer: | 23560                  |
| Test Date:     | 01/18/2022; 01/26/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>For Power<br>(dBi) | Directional<br>Gain<br>For PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|------------------------------|
| Mid     | 5775               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |

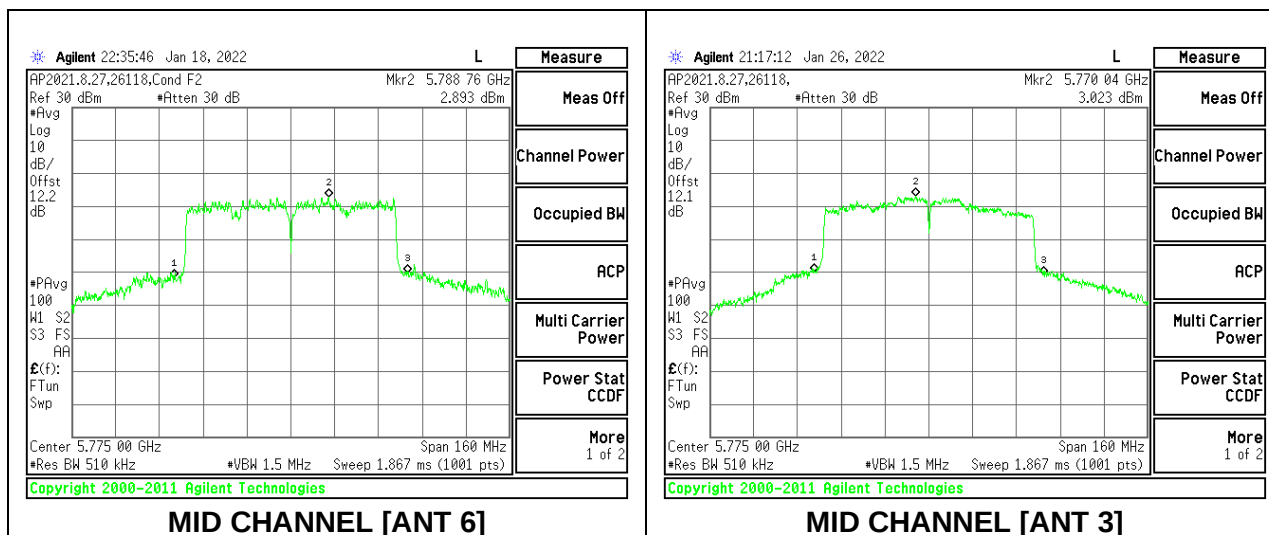
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.20 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5775               | 21.22                               | 21.25                               | 24.25                             | 30.00                   | -5.75                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Mid     | 5775               | 2.893                                    | 3.023                                    | 6.169                                  | 30.00                        | -23.831               |



## 9.4.22. 802.11ax HE20 MODE IN THE 5.8 GHz BAND

**1TX Antenna 6 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 0**

|                |            |
|----------------|------------|
| Test Engineer: | 26118      |
| Test Date:     | 01/18/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Low     | 5745               | -1.60                        | 30.00                   | 30.00                        |
| Mid     | 5785               | -1.60                        | 30.00                   | 30.00                        |
| High    | 5825               | -1.60                        | 30.00                   | 30.00                        |

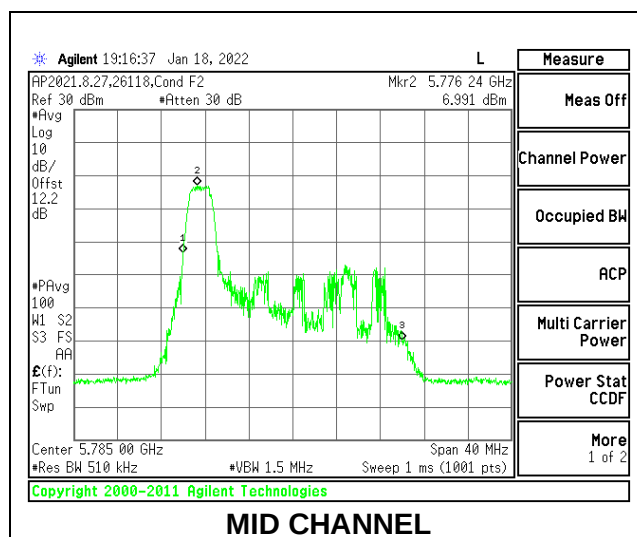
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<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     | 5745               | 11.90                               | 11.90                             | 30.00                   | -18.10                  |
| Mid     | 5785               | 11.68                               | 11.68                             | 30.00                   | -18.32                  |
| High    | 5825               | 11.77                               | 11.77                             | 30.00                   | -18.23                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5745               | 6.828                                    | 6.828                                  | 30.00                        | -23.17                |
| Mid     | 5785               | 6.991                                    | 6.991                                  | 30.00                        | -23.01                |
| High    | 5825               | 7.239                                    | 7.239                                  | 30.00                        | -22.76                |



## 1TX Antenna 6 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 4

|                |            |
|----------------|------------|
| Test Engineer: | 26118      |
| Test Date:     | 01/18/2022 |

## Antenna Gain and Limit

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Low     | 5745               | -1.60                        | 30.00                   | 30.00                        |
| Mid     | 5785               | -1.60                        | 30.00                   | 30.00                        |
| High    | 5825               | -1.60                        | 30.00                   | 30.00                        |

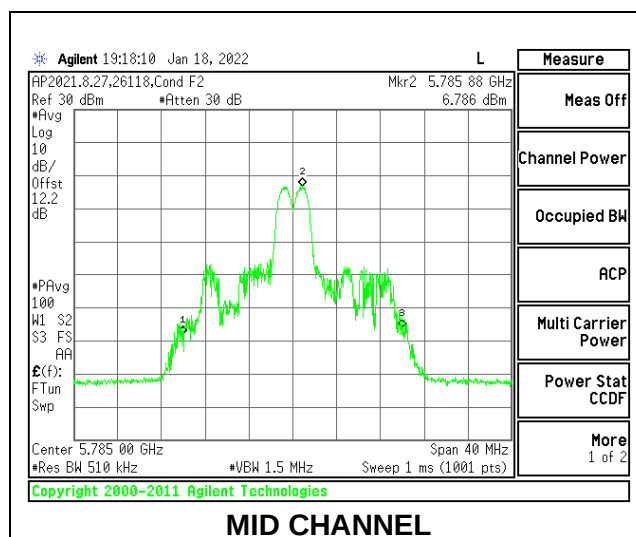
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<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     | 5745               | 11.74                               | 11.74                             | 30.00                   | -18.26                  |
| Mid     | 5785               | 11.69                               | 11.69                             | 30.00                   | -18.31                  |
| High    | 5825               | 11.70                               | 11.70                             | 30.00                   | -18.30                  |

## PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5745               | 6.901                                    | 6.901                                  | 30.00                        | -23.10                |
| Mid     | 5785               | 6.786                                    | 6.786                                  | 30.00                        | -23.21                |
| High    | 5825               | 6.874                                    | 6.874                                  | 30.00                        | -23.13                |



**1TX Antenna 6 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 8**

|                |            |
|----------------|------------|
| Test Engineer: | 26118      |
| Test Date:     | 01/18/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Low     | 5745               | -1.60                        | 30.00                   | 30.00                        |
| Mid     | 5785               | -1.60                        | 30.00                   | 30.00                        |
| High    | 5825               | -1.60                        | 30.00                   | 30.00                        |

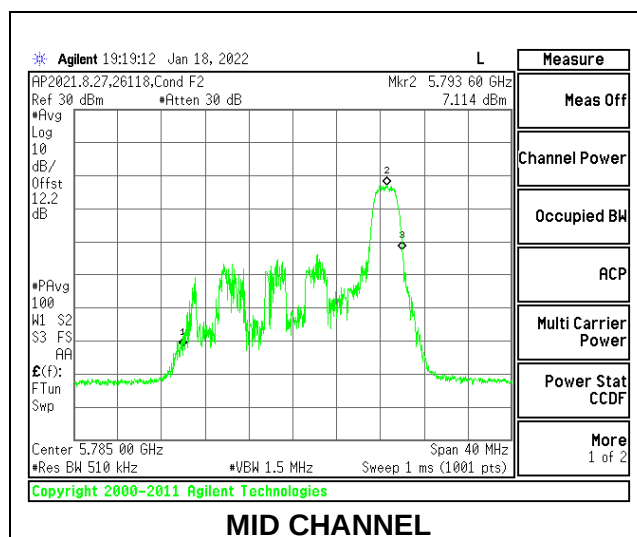
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<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     | 5745               | 11.90                               | 11.90                             | 30.00                   | -18.10                  |
| Mid     | 5785               | 11.84                               | 11.84                             | 30.00                   | -18.16                  |
| High    | 5825               | 11.77                               | 11.77                             | 30.00                   | -18.23                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5745               | 6.869                                    | 6.869                                  | 30.00                        | -23.13                |
| Mid     | 5785               | 7.114                                    | 7.114                                  | 30.00                        | -22.89                |
| High    | 5825               | 7.088                                    | 7.088                                  | 30.00                        | -22.91                |



**1TX Antenna 6 MODE (FCC+IC) MOBILE – SU Mode**

|                |            |
|----------------|------------|
| Test Engineer: | 26118      |
| Test Date:     | 01/15/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Low     | 5745               | -1.60                        | 30.00                   | 30.00                        |
| Mid     | 5785               | -1.60                        | 30.00                   | 30.00                        |
| High    | 5825               | -1.60                        | 30.00                   | 30.00                        |

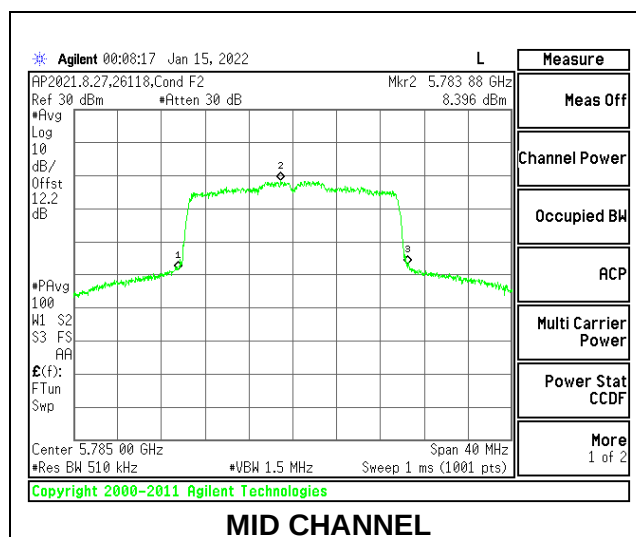
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<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     | 5745               | 21.30                               | 21.30                             | 30.00                   | -8.70                   |
| Mid     | 5785               | 21.25                               | 21.25                             | 30.00                   | -8.75                   |
| High    | 5825               | 21.17                               | 21.17                             | 30.00                   | -8.83                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5745               | 8.429                                    | 8.429                                  | 30.00                        | -21.57                |
| Mid     | 5785               | 8.396                                    | 8.396                                  | 30.00                        | -21.60                |
| High    | 5825               | 8.879                                    | 8.879                                  | 30.00                        | -21.12                |



**1TX Antenna 3 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 0**

|                |            |
|----------------|------------|
| Test Engineer: | 26118      |
| Test Date:     | 01/14/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Low     | 5745               | -0.10                        | 30.00                   | 30.00                        |
| Mid     | 5785               | -0.10                        | 30.00                   | 30.00                        |
| High    | 5825               | -0.10                        | 30.00                   | 30.00                        |

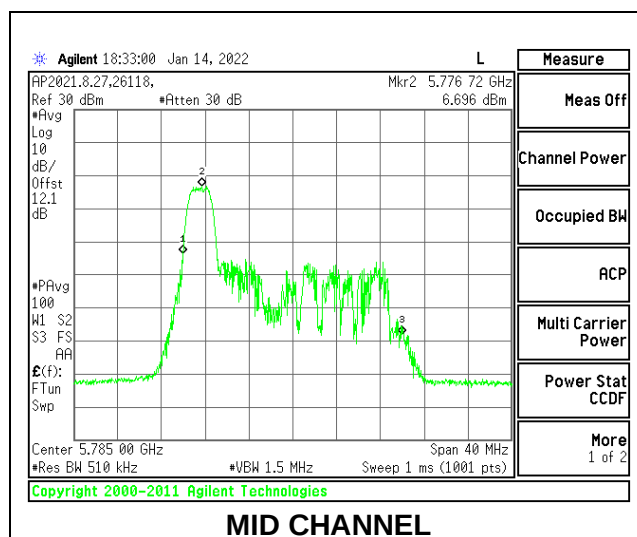
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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     | 5745               | 11.88                               | 11.88                             | 30.00                   | -18.12                  |
| Mid     | 5785               | 11.68                               | 11.68                             | 30.00                   | -18.32                  |
| High    | 5825               | 11.76                               | 11.76                             | 30.00                   | -18.24                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5745               | 7.187                                    | 7.187                                  | 30.00                        | -22.81                |
| Mid     | 5785               | 6.696                                    | 6.696                                  | 30.00                        | -23.30                |
| High    | 5825               | 7.096                                    | 7.096                                  | 30.00                        | -22.90                |



**1TX Antenna 3 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 4**

|                |            |
|----------------|------------|
| Test Engineer: | 26118      |
| Test Date:     | 01/14/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Low     | 5745               | -0.10                        | 30.00                   | 30.00                        |
| Mid     | 5785               | -0.10                        | 30.00                   | 30.00                        |
| High    | 5825               | -0.10                        | 30.00                   | 30.00                        |

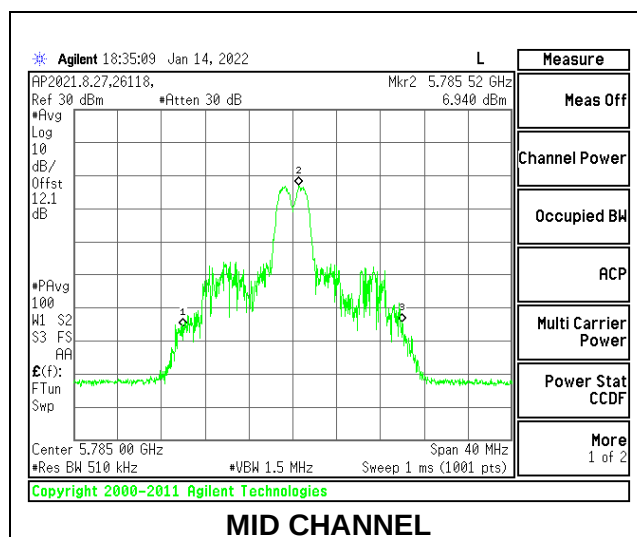
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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     | 5745               | 11.82                               | 11.82                             | 30.00                   | -18.18                  |
| Mid     | 5785               | 11.63                               | 11.63                             | 30.00                   | -18.37                  |
| High    | 5825               | 11.74                               | 11.74                             | 30.00                   | -18.26                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5745               | 7.230                                    | 7.230                                  | 30.00                        | -22.77                |
| Mid     | 5785               | 6.940                                    | 6.940                                  | 30.00                        | -23.06                |
| High    | 5825               | 6.813                                    | 6.813                                  | 30.00                        | -23.19                |



**1TX Antenna 3 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 8**

|                |            |
|----------------|------------|
| Test Engineer: | 26118      |
| Test Date:     | 01/19/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Low     | 5745               | -0.10                        | 30.00                   | 30.00                        |
| Mid     | 5785               | -0.10                        | 30.00                   | 30.00                        |
| High    | 5825               | -0.10                        | 30.00                   | 30.00                        |

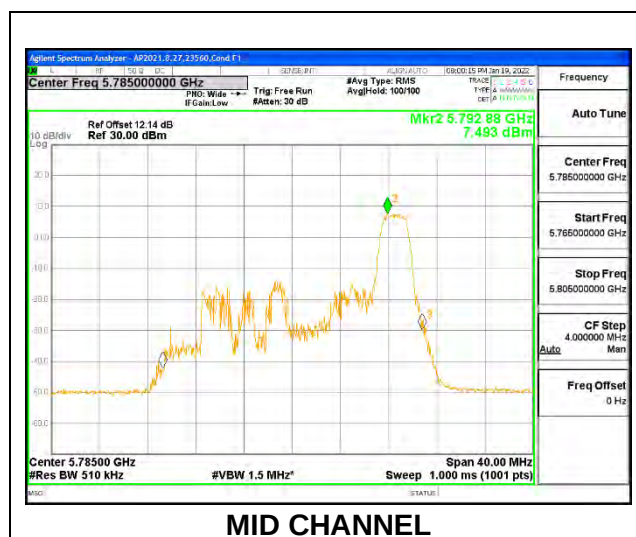
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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     | 5745               | 11.66                               | 11.66                             | 30.00                   | -18.34                  |
| Mid     | 5785               | 11.80                               | 11.80                             | 30.00                   | -18.20                  |
| High    | 5825               | 11.71                               | 11.71                             | 30.00                   | -18.29                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5745               | 7.173                                    | 7.173                                  | 30.00                        | -22.83                |
| Mid     | 5785               | 7.493                                    | 7.493                                  | 30.00                        | -22.51                |
| High    | 5825               | 7.225                                    | 7.225                                  | 30.00                        | -22.78                |



**1TX Antenna 3 MODE (FCC+IC) MOBILE – SU Mode**

|                |            |
|----------------|------------|
| Test Engineer: | 26118      |
| Test Date:     | 01/14/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Low     | 5745               | -0.10                        | 30.00                   | 30.00                        |
| Mid     | 5785               | -0.10                        | 30.00                   | 30.00                        |
| High    | 5825               | -0.10                        | 30.00                   | 30.00                        |

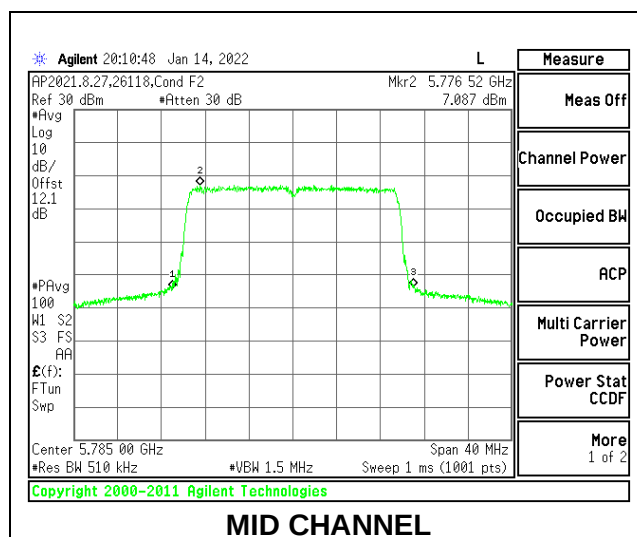
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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     | 5745               | 21.33                               | 21.33                             | 30.00                   | -8.67                   |
| Mid     | 5785               | 21.03                               | 21.03                             | 30.00                   | -8.97                   |
| High    | 5825               | 21.26                               | 21.26                             | 30.00                   | -8.74                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5745               | 7.183                                    | 7.183                                  | 30.00                        | -22.82                |
| Mid     | 5785               | 7.087                                    | 7.087                                  | 30.00                        | -22.91                |
| High    | 5825               | 7.098                                    | 7.098                                  | 30.00                        | -22.90                |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC + IC) MOBILE – 26 Tones, RU Index 0**

|                |                        |
|----------------|------------------------|
| Test Engineer: | 26118                  |
| Test Date:     | 01/18/2022; 01/26/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>For Power<br>(dBi) | Directional<br>Gain<br>For PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|------------------------------|
| Low     | 5745               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |
| Mid     | 5785               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |
| High    | 5825               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |

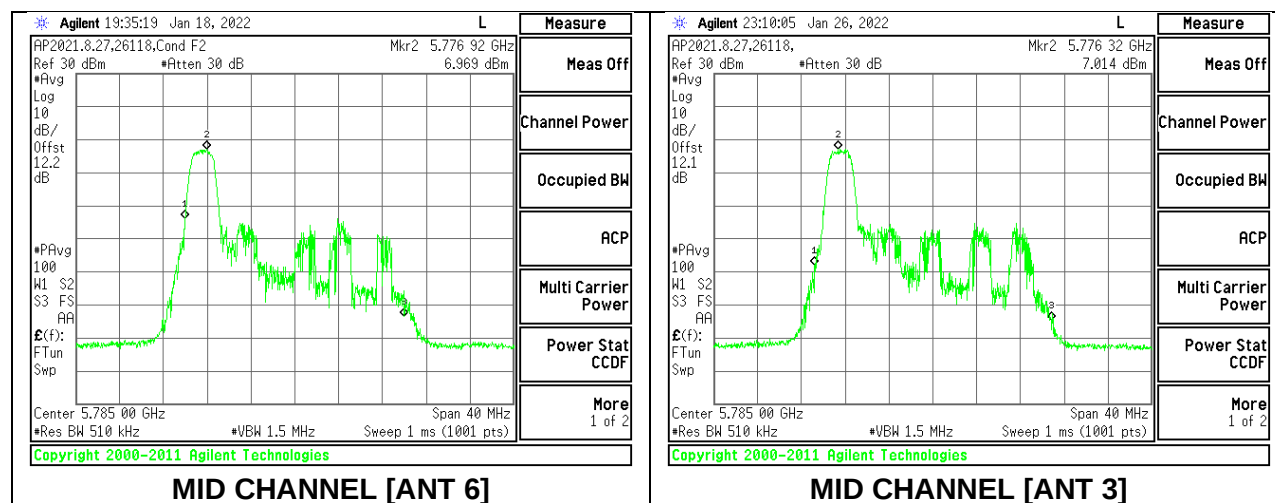
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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     | 5745               | 11.65                               | 11.70                               | 14.69                             | 30.00                   | -15.31                  |
| Mid     | 5785               | 11.80                               | 11.76                               | 14.79                             | 30.00                   | -15.21                  |
| High    | 5825               | 11.69                               | 11.90                               | 14.81                             | 30.00                   | -15.19                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5745               | 6.779                                    | 6.798                                    | 9.799                                  | 30.00                        | -20.201               |
| Mid     | 5785               | 6.969                                    | 7.014                                    | 10.002                                 | 30.00                        | -19.998               |
| High    | 5825               | 6.722                                    | 6.857                                    | 9.800                                  | 30.00                        | -20.200               |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC + IC) MOBILE – 26 Tones, RU Index 4**

|                |                        |
|----------------|------------------------|
| Test Engineer: | 26118                  |
| Test Date:     | 01/18/2022; 01/26/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>For Power<br>(dBi) | Directional<br>Gain<br>For PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|------------------------------|
| Low     | 5745               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |
| Mid     | 5785               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |
| High    | 5825               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |

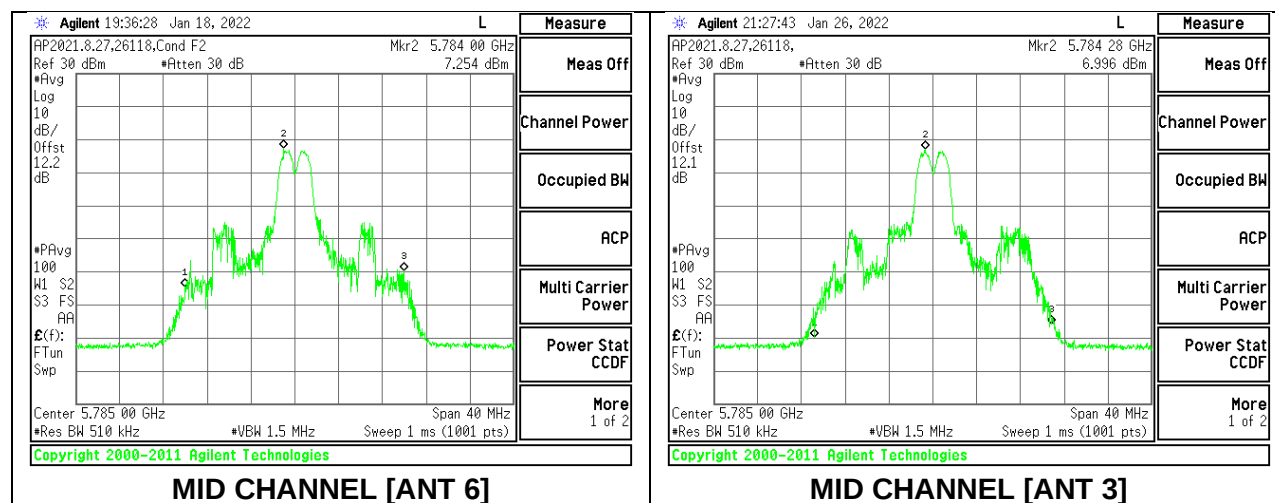
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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     | 5745               | 11.89                               | 11.88                               | 14.90                             | 30.00                   | -15.10                  |
| Mid     | 5785               | 11.74                               | 11.79                               | 14.78                             | 30.00                   | -15.22                  |
| High    | 5825               | 11.79                               | 11.60                               | 14.71                             | 30.00                   | -15.29                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5745               | 7.036                                    | 6.940                                    | 9.999                                  | 30.00                        | -20.001               |
| Mid     | 5785               | 7.254                                    | 6.996                                    | 10.137                                 | 30.00                        | -19.863               |
| High    | 5825               | 7.064                                    | 6.268                                    | 9.695                                  | 30.00                        | -20.305               |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC + IC) MOBILE – 26 Tones, RU Index 8**

|                |                        |
|----------------|------------------------|
| Test Engineer: | 26118                  |
| Test Date:     | 01/14/2022; 01/18/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>For Power<br>(dBi) | Directional<br>Gain<br>For PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|------------------------------|
| Low     | 5745               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |
| Mid     | 5785               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |
| High    | 5825               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |

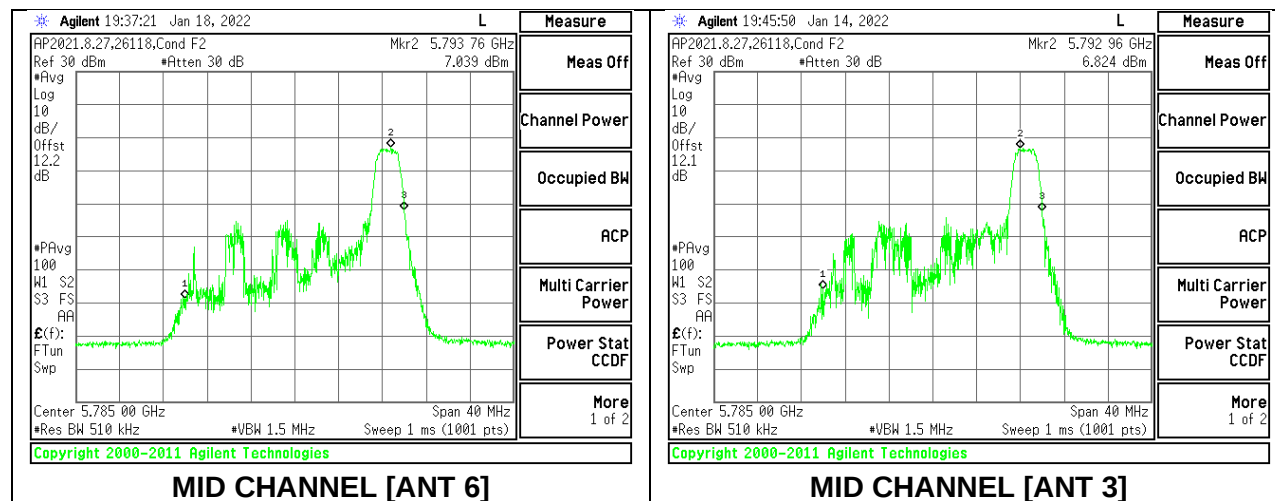
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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     | 5745               | 11.89                               | 11.90                               | 14.91                             | 30.00                   | -15.09                  |
| Mid     | 5785               | 11.71                               | 11.65                               | 14.69                             | 30.00                   | -15.31                  |
| High    | 5825               | 11.66                               | 11.79                               | 14.74                             | 30.00                   | -15.26                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5745               | 7.144                                    | 7.312                                    | 10.239                                 | 30.00                        | -19.761               |
| Mid     | 5785               | 7.039                                    | 6.824                                    | 9.943                                  | 30.00                        | -20.057               |
| High    | 5825               | 6.979                                    | 7.079                                    | 10.040                                 | 30.00                        | -19.960               |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC + IC) MOBILE – SU Mode**

|                       |                        |
|-----------------------|------------------------|
| <b>Test Engineer:</b> | 26118                  |
| <b>Test Date:</b>     | 01/15/2022; 01/26/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>For Power<br>(dBi) | Directional<br>Gain<br>For PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|------------------------------|
| Low     | 5745               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |
| Mid     | 5785               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |
| High    | 5825               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |

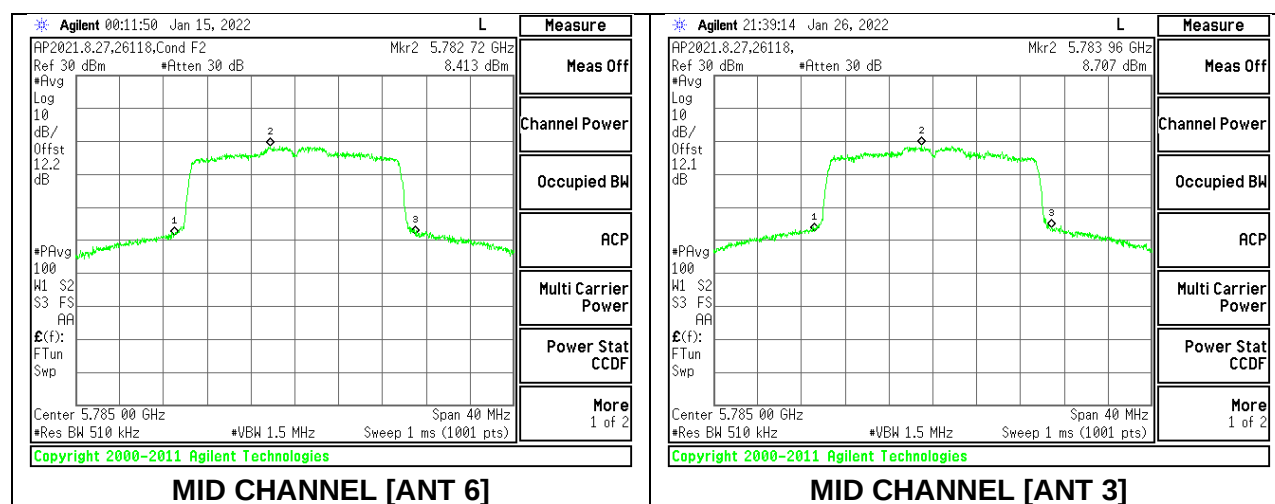
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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     | 5745               | 21.19                               | 21.11                               | 24.16                             | 30.00                   | -5.84                   |
| Mid     | 5785               | 21.20                               | 21.36                               | 24.29                             | 30.00                   | -5.71                   |
| High    | 5825               | 21.23                               | 21.24                               | 24.25                             | 30.00                   | -5.75                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5745               | 8.449                                    | 8.220                                    | 11.346                                 | 30.00                        | -18.654               |
| Mid     | 5785               | 8.413                                    | 8.707                                    | 11.573                                 | 30.00                        | -18.427               |
| High    | 5825               | 8.324                                    | 8.346                                    | 11.345                                 | 30.00                        | -18.655               |



## 9.4.23. 802.11ax HE40 MODE IN THE 5.8 GHz BAND

**1TX Antenna 6 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 0**

|                |            |
|----------------|------------|
| Test Engineer: | 26118      |
| Test Date:     | 01/19/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Low     | 5755               | -1.60                        | 30.00                   | 30.00                        |
| High    | 5795               | -1.60                        | 30.00                   | 30.00                        |

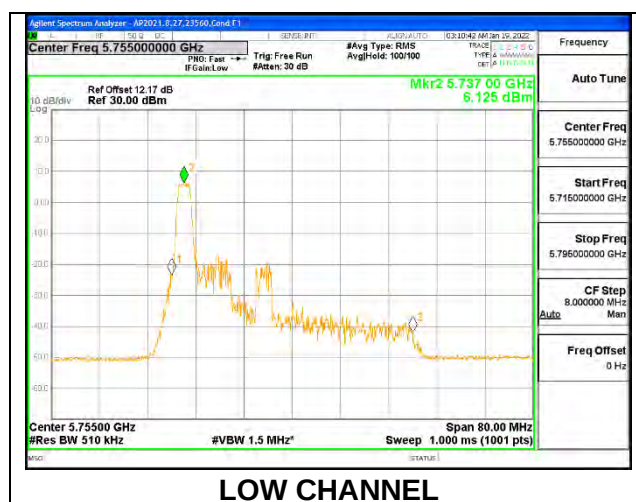
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<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     | 5755               | 10.77                               | 10.77                             | 30.00                   | -19.23                  |
| High    | 5795               | 10.89                               | 10.89                             | 30.00                   | -19.11                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5755               | 6.125                                    | 6.125                                  | 30.00                        | -23.88                |
| High    | 5795               | 6.610                                    | 6.610                                  | 30.00                        | -23.39                |



**1TX Antenna 6 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 8**

|                |            |
|----------------|------------|
| Test Engineer: | 26118      |
| Test Date:     | 01/19/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Low     | 5755               | -1.60                        | 30.00                   | 30.00                        |
| High    | 5795               | -1.60                        | 30.00                   | 30.00                        |

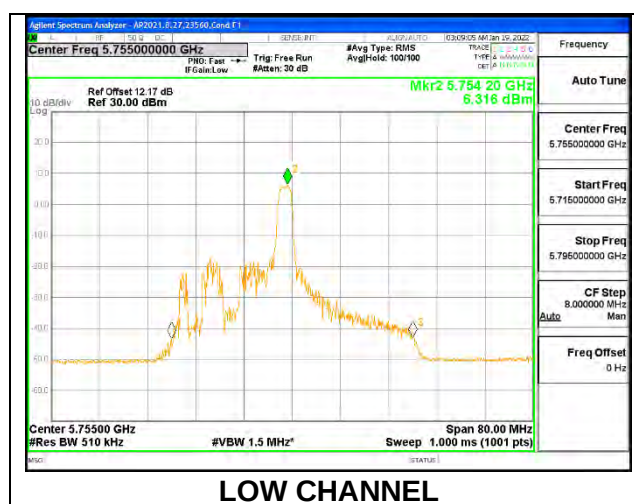
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<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     | 5755               | 10.68                               | 10.68                             | 30.00                   | -19.32                  |
| High    | 5795               | 10.94                               | 10.94                             | 30.00                   | -19.06                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5755               | 6.316                                    | 6.316                                  | 30.00                        | -23.68                |
| High    | 5795               | 7.010                                    | 7.010                                  | 30.00                        | -22.99                |



**1TX Antenna 6 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 17**

|                |            |
|----------------|------------|
| Test Engineer: | 26118      |
| Test Date:     | 01/19/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Low     | 5755               | -1.60                        | 30.00                   | 30.00                        |
| High    | 5795               | -1.60                        | 30.00                   | 30.00                        |

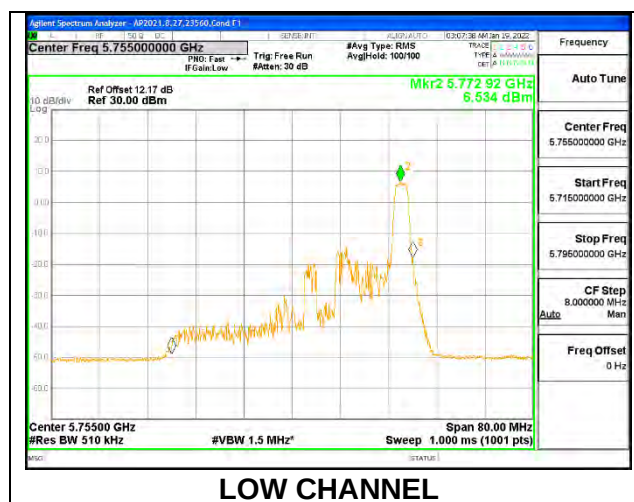
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<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     | 5755               | 10.80                               | 10.80                             | 30.00                   | -19.20                  |
| High    | 5795               | 10.85                               | 10.85                             | 30.00                   | -19.15                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5755               | 6.534                                    | 6.534                                  | 30.00                        | -23.47                |
| High    | 5795               | 6.526                                    | 6.526                                  | 30.00                        | -23.47                |



**1TX Antenna 6 MODE (FCC+IC) MOBILE – SU Mode**

|                |            |
|----------------|------------|
| Test Engineer: | 26118      |
| Test Date:     | 01/19/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Low     | 5755               | -1.60                        | 30.00                   | 30.00                        |
| High    | 5795               | -1.60                        | 30.00                   | 30.00                        |

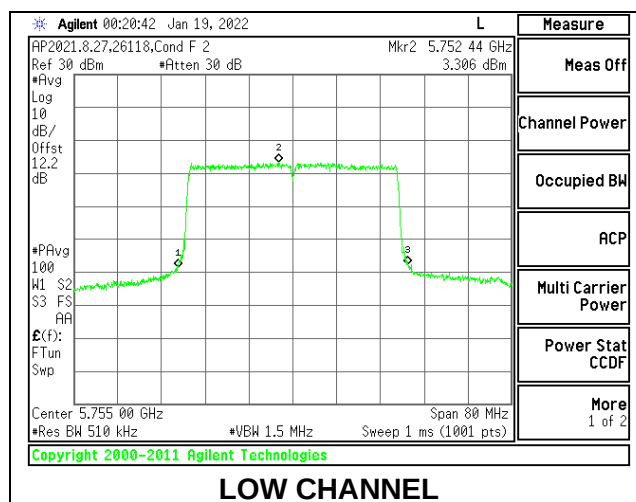
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.11 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<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     | 5755               | 20.10                               | 20.10                             | 30.00                   | -9.90                   |
| High    | 5795               | 20.23                               | 20.23                             | 30.00                   | -9.77                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5755               | 3.306                                    | 3.416                                  | 30.00                        | -26.58                |
| High    | 5795               | 3.780                                    | 3.890                                  | 30.00                        | -26.11                |



**1TX Antenna 3 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 0**

|                |            |
|----------------|------------|
| Test Engineer: | 20737      |
| Test Date:     | 01/18/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Low     | 5755               | -0.10                        | 30.00                   | 30.00                        |
| High    | 5795               | -0.10                        | 30.00                   | 30.00                        |

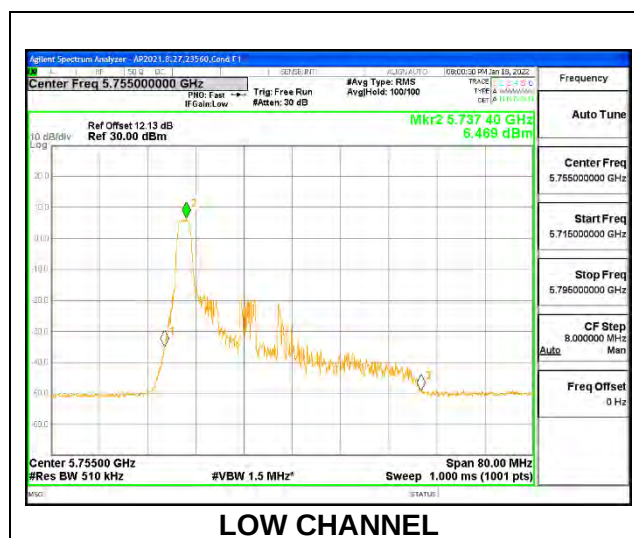
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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     | 5755               | 10.90                               | 10.90                             | 30.00                   | -19.10                  |
| High    | 5795               | 10.82                               | 10.82                             | 30.00                   | -19.18                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5755               | 6.469                                    | 6.469                                  | 30.00                        | -23.53                |
| High    | 5795               | 6.384                                    | 6.384                                  | 30.00                        | -23.62                |



**1TX Antenna 3 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 8**

|                |            |
|----------------|------------|
| Test Engineer: | 20737      |
| Test Date:     | 01/18/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Low     | 5755               | -0.10                        | 30.00                   | 30.00                        |
| High    | 5795               | -0.10                        | 30.00                   | 30.00                        |

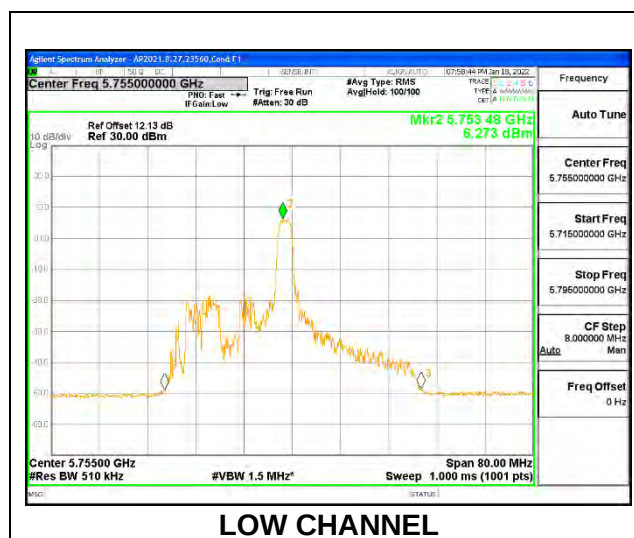
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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     | 5755               | 10.69                               | 10.69                             | 30.00                   | -19.31                  |
| High    | 5795               | 10.94                               | 10.94                             | 30.00                   | -19.06                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5755               | 6.273                                    | 6.273                                  | 30.00                        | -23.73                |
| High    | 5795               | 7.029                                    | 7.029                                  | 30.00                        | -22.97                |



**1TX Antenna 3 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 17**

|                |            |
|----------------|------------|
| Test Engineer: | 20737      |
| Test Date:     | 01/18/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Low     | 5755               | -0.10                        | 30.00                   | 30.00                        |
| High    | 5795               | -0.10                        | 30.00                   | 30.00                        |

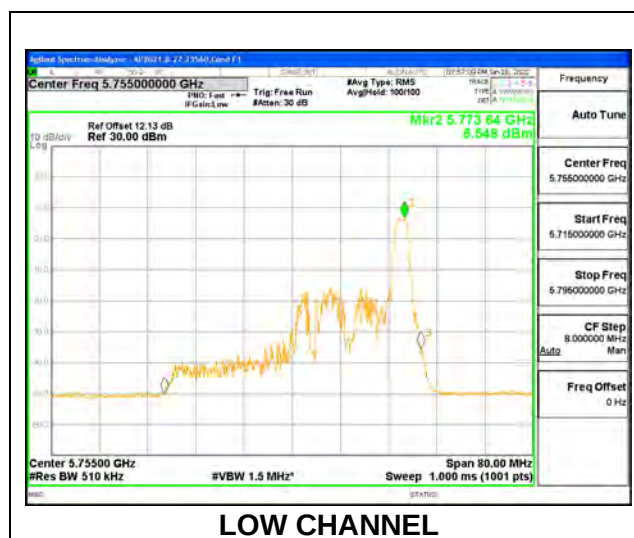
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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     | 5755               | 10.80                               | 10.80                             | 30.00                   | -19.20                  |
| High    | 5795               | 10.91                               | 10.91                             | 30.00                   | -19.09                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5755               | 6.548                                    | 6.548                                  | 30.00                        | -23.45                |
| High    | 5795               | 6.924                                    | 6.924                                  | 30.00                        | -23.08                |



**1TX Antenna 3 MODE (FCC+IC) MOBILE – SU Mode**

|                |            |
|----------------|------------|
| Test Engineer: | 23560      |
| Test Date:     | 01/18/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Low     | 5755               | -0.10                        | 30.00                   | 30.00                        |
| High    | 5795               | -0.10                        | 30.00                   | 30.00                        |

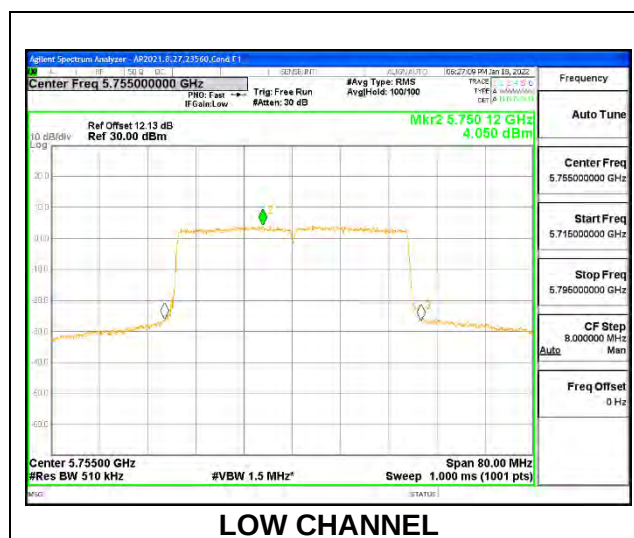
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.11 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<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     | 5755               | 20.44                               | 20.44                             | 30.00                   | -9.56                   |
| High    | 5795               | 20.27                               | 20.27                             | 30.00                   | -9.73                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5755               | 4.050                                    | 4.160                                  | 30.00                        | -25.84                |
| High    | 5795               | 3.835                                    | 3.945                                  | 30.00                        | -26.06                |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC+IC) MOBILE – 26 Tones, RU Index 0**

|                |                        |
|----------------|------------------------|
| Test Engineer: | 26118; 23560           |
| Test Date:     | 01/18/2022; 01/19/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>For Power<br>(dBi) | Directional<br>Gain<br>For PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|------------------------------|
| Low     | 5755               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |
| High    | 5795               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |

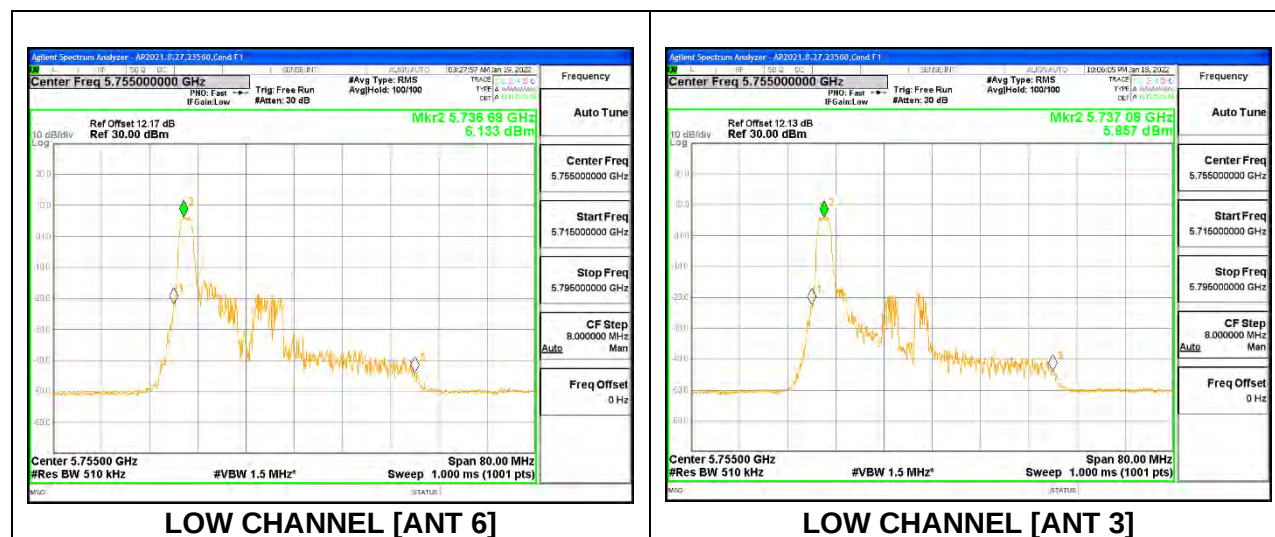
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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     | 5755               | 10.81                               | 10.66                               | 13.75                             | 30.00                   | -16.25                  |
| High    | 5795               | 10.78                               | 10.90                               | 13.85                             | 30.00                   | -16.15                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5755               | 6.133                                    | 5.857                                    | 9.007                                  | 30.00                        | -20.993               |
| High    | 5795               | 6.048                                    | 6.566                                    | 9.325                                  | 30.00                        | -20.675               |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC+IC) MOBILE – 26 Tones, RU Index 8**

|                |            |
|----------------|------------|
| Test Engineer: | 26118      |
| Test Date:     | 01/19/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>For Power<br>(dBi) | Directional<br>Gain<br>For PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|------------------------------|
| Low     | 5755               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |
| High    | 5795               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |

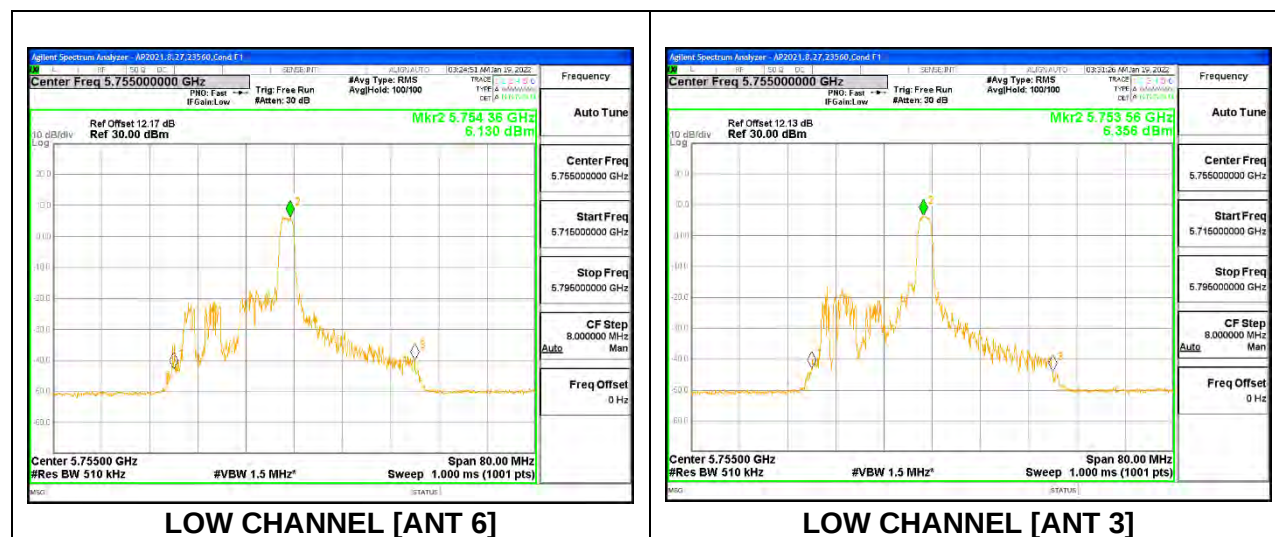
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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     | 5755               | 10.79                               | 10.69                               | 13.75                             | 30.00                   | -16.25                  |
| High    | 5795               | 10.74                               | 10.94                               | 13.85                             | 30.00                   | -16.15                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5755               | 6.130                                    | 5.753                                    | 8.956                                  | 30.00                        | -21.044               |
| High    | 5795               | 5.840                                    | 6.930                                    | 9.429                                  | 30.00                        | -20.571               |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC+IC) MOBILE – 26 Tones, RU Index 17**

|                       |                        |
|-----------------------|------------------------|
| <b>Test Engineer:</b> | 26118                  |
| <b>Test Date:</b>     | 01/18/2022; 01/19/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>For Power<br>(dBi) | Directional<br>Gain<br>For PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|------------------------------|
| Low     | 5755               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |
| High    | 5795               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |

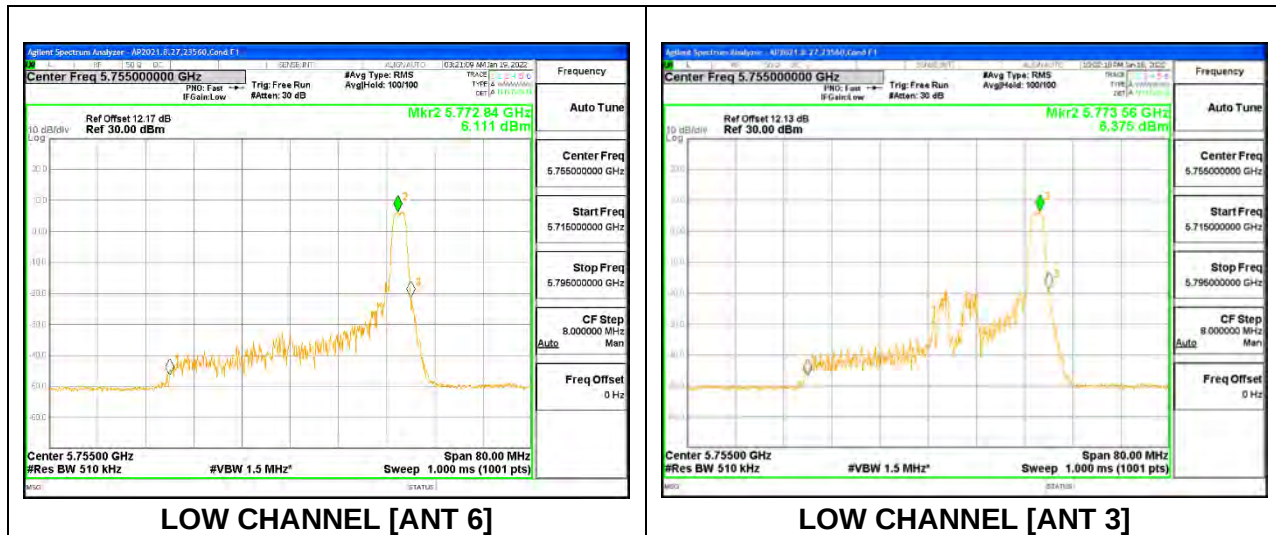
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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     | 5755               | 10.95                               | 10.78                               | 13.88                             | 30.00                   | -16.12                  |
| High    | 5795               | 10.78                               | 10.89                               | 13.85                             | 30.00                   | -16.15                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5755               | 6.111                                    | 6.375                                    | 9.255                                  | 30.00                        | -20.745               |
| High    | 5795               | 5.473                                    | 6.458                                    | 9.004                                  | 30.00                        | -20.996               |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC+IC) MOBILE – SU Mode**

|                       |                        |
|-----------------------|------------------------|
| <b>Test Engineer:</b> | 26118                  |
| <b>Test Date:</b>     | 01/18/2022, 01/19/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>For Power<br>(dBi) | Directional<br>Gain<br>For PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|------------------------------|
| Low     | 5755               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |
| High    | 5795               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |

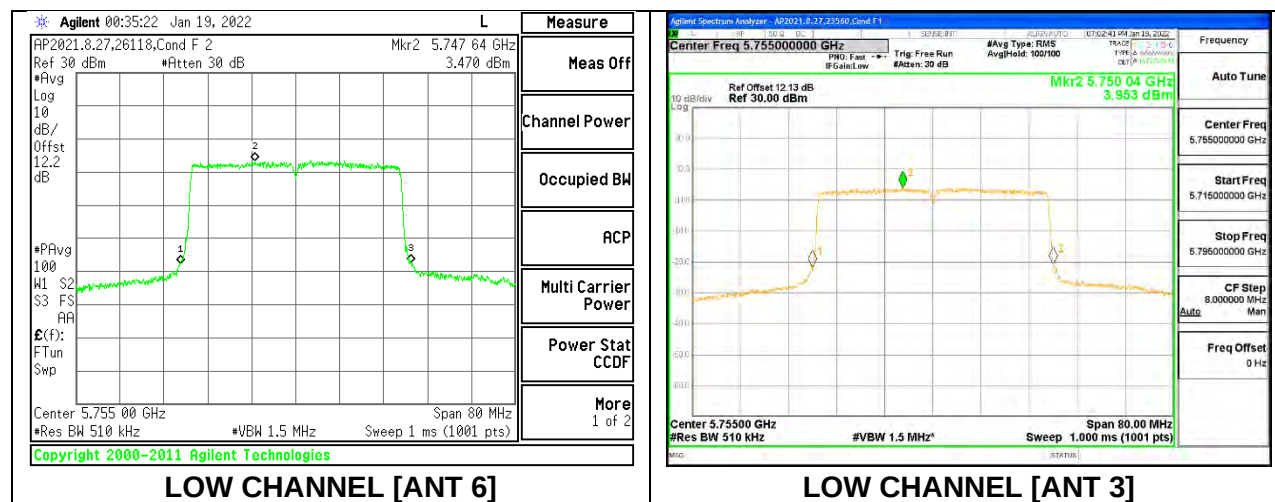
|                           |      |                                        |
|---------------------------|------|----------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.11 | Included in Calculations of Corr'd PSD |
|---------------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<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     | 5755               | 20.10                               | 20.44                               | 23.28                             | 30.00                   | -6.72                   |
| High    | 5795               | 20.15                               | 20.38                               | 23.28                             | 30.00                   | -6.72                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Low     | 5755               | 3.470                                    | 3.953                                    | 6.839                                  | 30.00                        | -23.161               |
| High    | 5795               | 3.641                                    | 3.812                                    | 6.848                                  | 30.00                        | -23.152               |



## 9.4.24. 802.11ax HE80 MODE IN THE 5.8 GHz BAND

**1TX Antenna 6 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 0**

|                       |            |
|-----------------------|------------|
| <b>Test Engineer:</b> | 26118      |
| <b>Test Date:</b>     | 01/19/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Mid     | 5775               | -1.60                        | 30.00                   | 30.00                        |

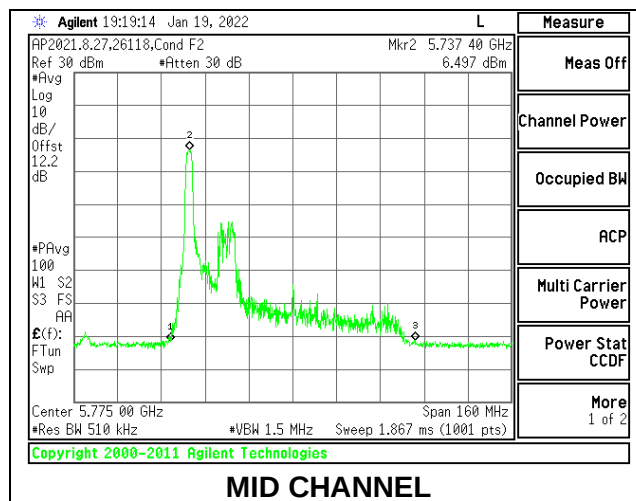
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5775               | 11.89                               | 11.89                             | 30.00                   | -18.11                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Mid     | 5775               | 6.497                                    | 6.497                                  | 30.00                        | -23.50                |



**1TX Antenna 6 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 18**

|                       |            |
|-----------------------|------------|
| <b>Test Engineer:</b> | 26118      |
| <b>Test Date:</b>     | 01/19/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Mid     | 5775               | -1.60                        | 30.00                   | 30.00                        |

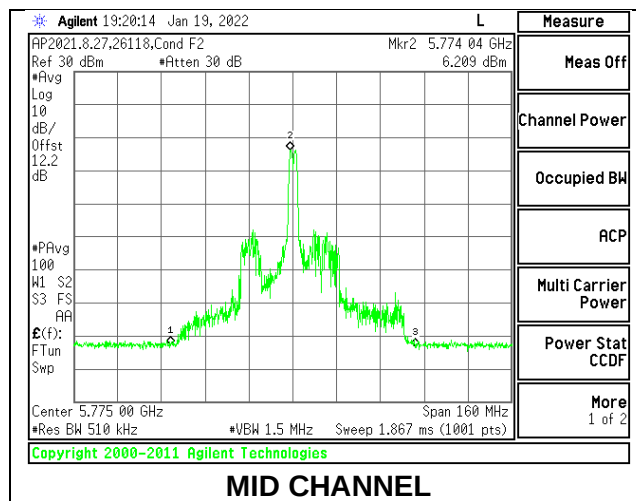
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5775               | 11.77                               | 11.77                             | 30.00                   | -18.23                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Mid     | 5775               | 6.209                                    | 6.209                                  | 30.00                        | -23.79                |



**1TX Antenna 6 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 36**

|                       |            |
|-----------------------|------------|
| <b>Test Engineer:</b> | 26118      |
| <b>Test Date:</b>     | 01/19/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Mid     | 5775               | -1.60                        | 30.00                   | 30.00                        |

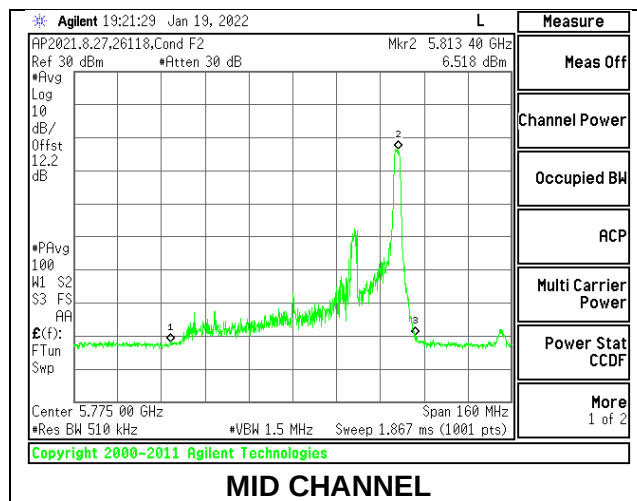
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5775               | 11.68                               | 11.68                             | 30.00                   | -18.32                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Mid     | 5775               | 6.518                                    | 6.518                                  | 30.00                        | -23.48                |



**1TX Antenna 6 MODE (FCC+IC) MOBILE – SU Mode**

|                       |            |
|-----------------------|------------|
| <b>Test Engineer:</b> | 26118      |
| <b>Test Date:</b>     | 01/18/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Mid     | 5775               | -1.60                        | 30.00                   | 30.00                        |

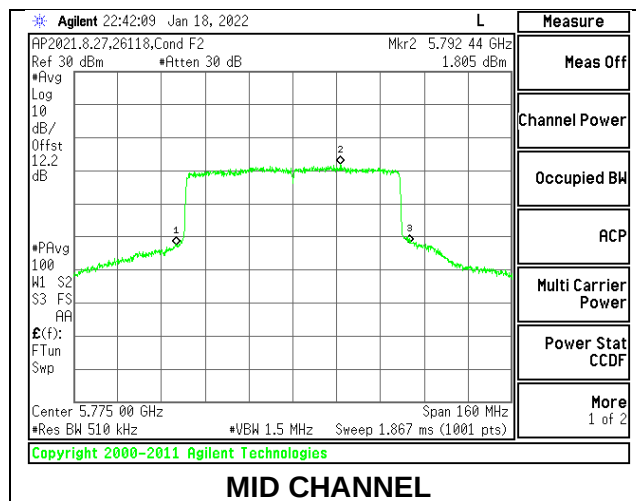
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.24 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5775               | 21.44                               | 21.44                             | 30.00                   | -8.56                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Mid     | 5775               | 1.805                                    | 2.045                                  | 30.00                        | -27.96                |



**1TX Antenna 3 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 0**

|                |          |
|----------------|----------|
| Test Engineer: | 20737    |
| Test Date:     | 10/01/21 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Mid     | 5775               | -0.10                        | 30.00                   | 30.00                        |

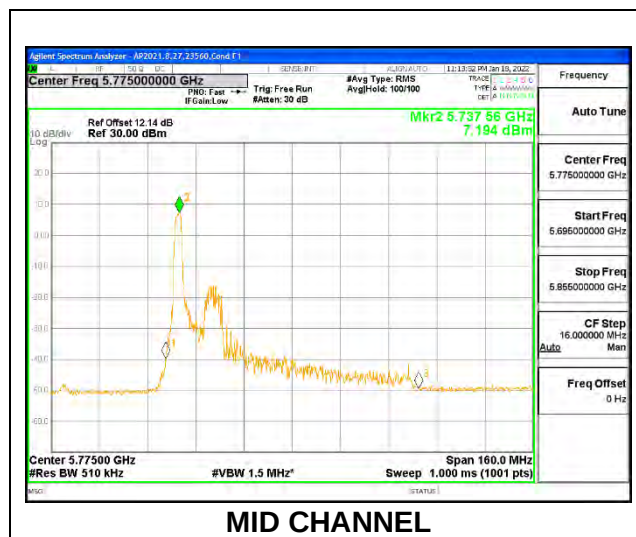
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5775               | 11.88                               | 11.88                             | 30.00                   | -18.12                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Mid     | 5775               | 7.194                                    | 7.194                                  | 30.00                        | -22.81                |



**1TX Antenna 3 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 18**

|                       |            |
|-----------------------|------------|
| <b>Test Engineer:</b> | 20737      |
| <b>Test Date:</b>     | 01/18/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Mid     | 5775               | -0.10                        | 30.00                   | 30.00                        |

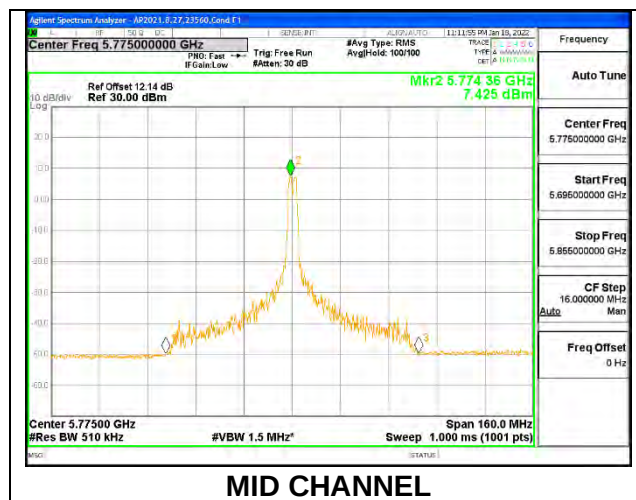
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5775               | 11.75                               | 11.75                             | 30.00                   | -18.25                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Mid     | 5775               | 7.425                                    | 7.425                                  | 30.00                        | -22.58                |



**1TX Antenna 3 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 36**

|                |            |
|----------------|------------|
| Test Engineer: | 20737      |
| Test Date:     | 01/18/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Mid     | 5775               | -0.10                        | 30.00                   | 30.00                        |

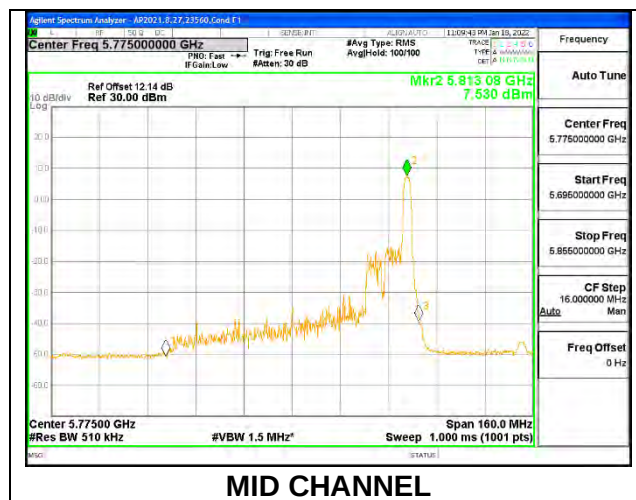
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5775               | 11.88                               | 11.88                             | 30.00                   | -18.12                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Mid     | 5775               | 7.530                                    | 7.530                                  | 30.00                        | -22.47                |



**1TX Antenna 3 MODE (FCC+IC) MOBILE – SU Mode**

|                |            |
|----------------|------------|
| Test Engineer: | 20737      |
| Test Date:     | 01/18/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|-------------------------|------------------------------|
| Mid     | 5775               | -0.10                        | 30.00                   | 30.00                        |

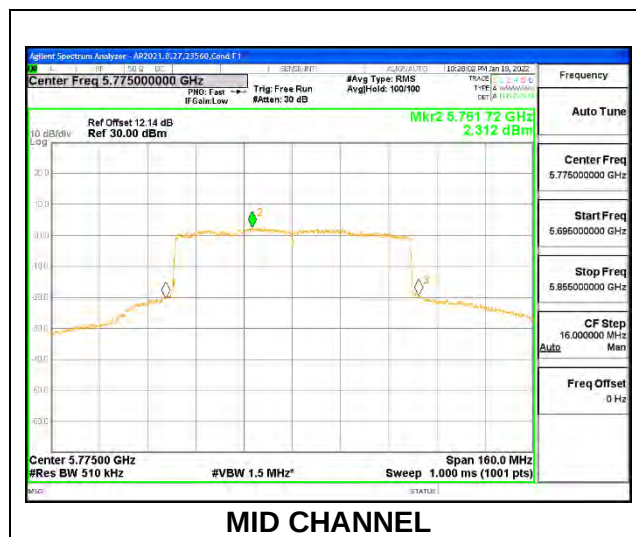
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.24 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5775               | 21.49                               | 21.49                             | 30.00                   | -8.51                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Mid     | 5775               | 2.312                                    | 2.552                                  | 30.00                        | -27.45                |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC+IC) MOBILE – 26 Tones, RU Index 0**

|                       |                        |
|-----------------------|------------------------|
| <b>Test Engineer:</b> | 26118                  |
| <b>Test Date:</b>     | 01/18/2022, 01/19/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>For Power<br>(dBi) | Directional<br>Gain<br>For PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|------------------------------|
| Mid     | 5775               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |

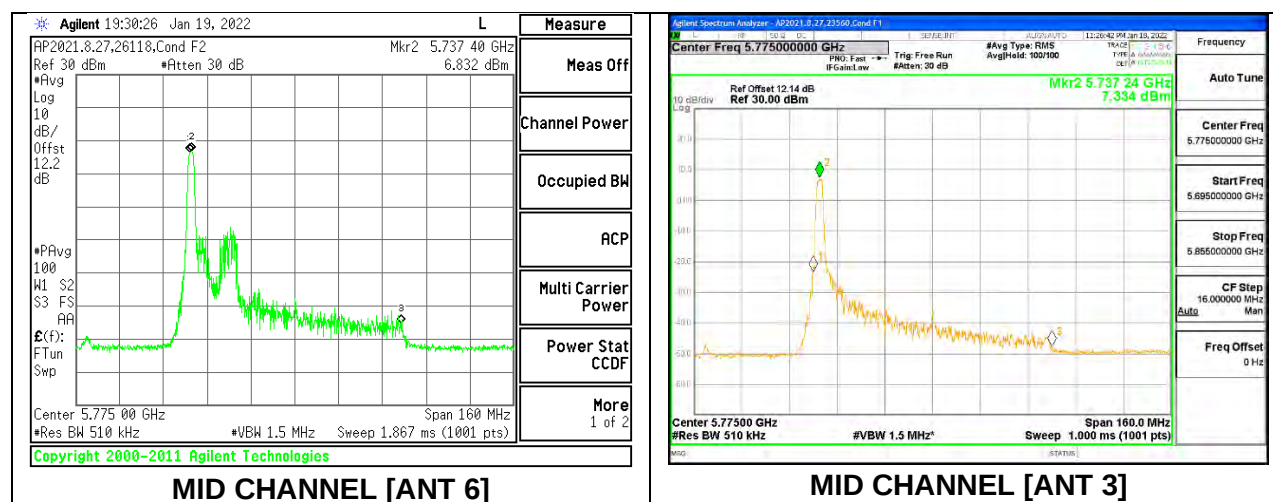
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5775               | 11.72                               | 11.89                               | 14.82                             | 30.00                   | -15.18                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Mid     | 5775               | 6.832                                    | 7.334                                    | 10.101                                 | 30.00                        | -19.899               |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC+IC) MOBILE – 26 Tones, RU Index 18**

|                       |                    |
|-----------------------|--------------------|
| <b>Test Engineer:</b> | 26118; 23560       |
| <b>Test Date:</b>     | 10/01/21; 10/04/21 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>For Power<br>(dBi) | Directional<br>Gain<br>For PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|------------------------------|
| Mid     | 5775               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |

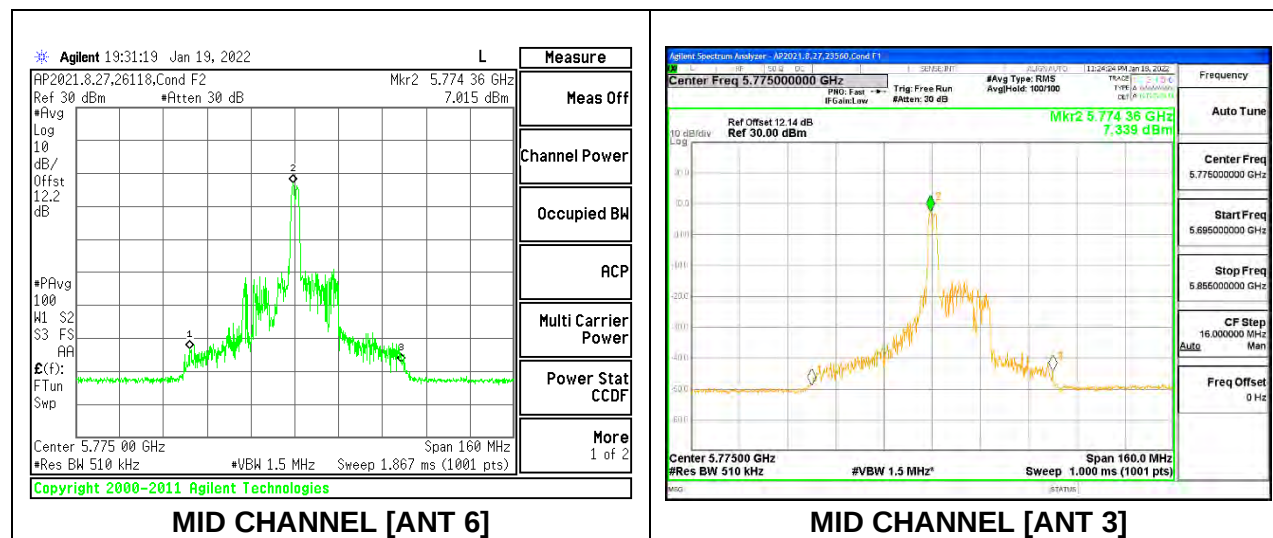
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5775               | 11.68                               | 11.75                               | 14.73                             | 30.00                   | -15.27                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Mid     | 5775               | 7.015                                    | 7.339                                    | 10.190                                 | 30.00                        | -19.810               |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC+IC) MOBILE – 26 Tones, RU Index 36**

|                       |                        |
|-----------------------|------------------------|
| <b>Test Engineer:</b> | 26118; 23560           |
| <b>Test Date:</b>     | 01/19/2022; 01/26/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>For Power<br>(dBi) | Directional<br>Gain<br>For PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|------------------------------|
| Mid     | 5775               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |

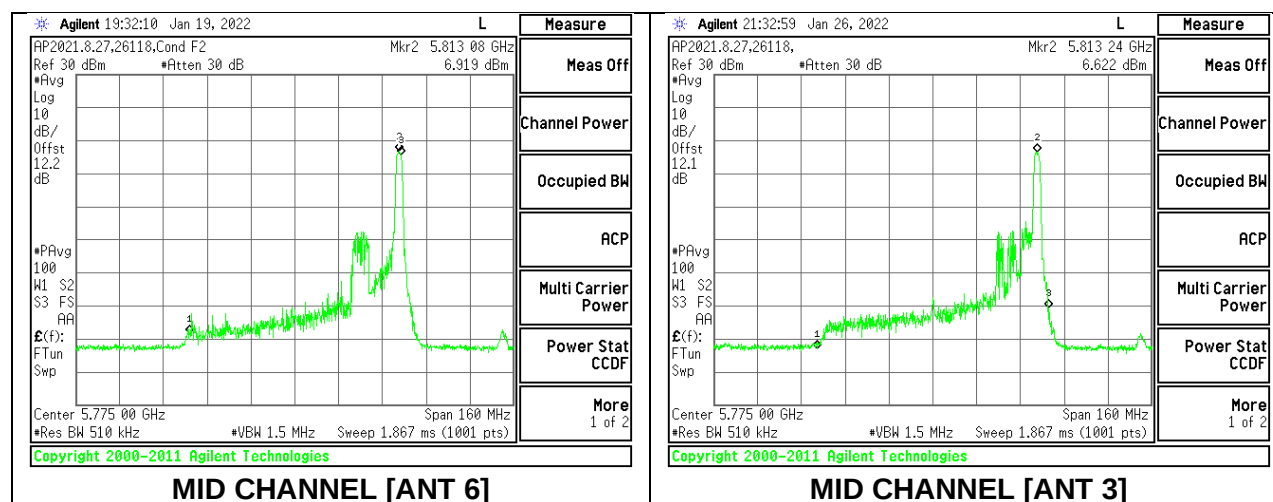
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5775               | 11.78                               | 11.59                               | 14.70                             | 30.00                   | -15.30                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Mid     | 5775               | 6.919                                    | 6.622                                    | 9.783                                  | 30.00                        | -20.217               |



**2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC+IC) MOBILE – SU Mode**

|                       |            |
|-----------------------|------------|
| <b>Test Engineer:</b> | 26118      |
| <b>Test Date:</b>     | 01/18/2022 |

**Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>For Power<br>(dBi) | Directional<br>Gain<br>For PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|------------------------------|
| Mid     | 5775               | -0.79                                     | 2.19                                    | 30.00                   | 30.00                        |

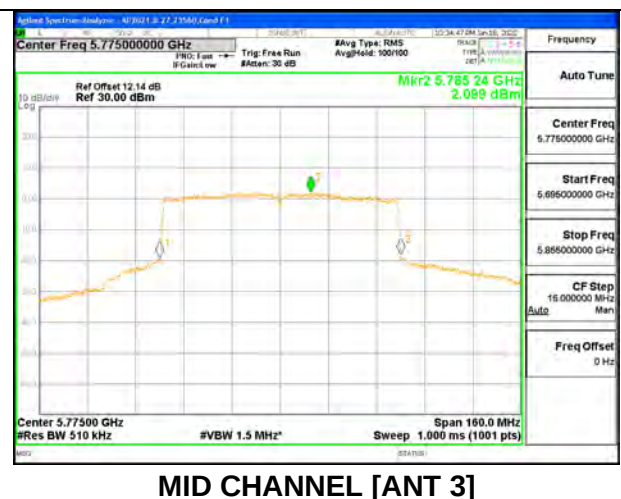
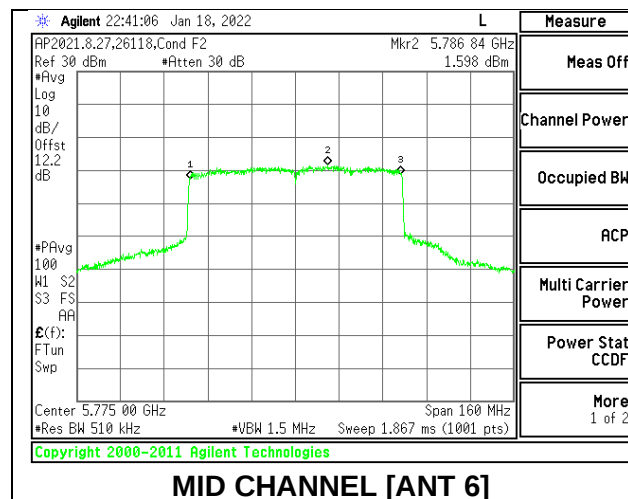
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.24 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5775               | 21.19                               | 21.44                               | 24.33                             | 30.00                   | -5.67                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/500KHz) | Antenna 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500KHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------|
| Mid     | 5775               | 1.598                                    | 2.099                                    | 5.106                                  | 30.00                        | -24.894               |



## 10. SETUP PHOTOS

Please refer to 13911916-EP1V1 for setup photos

## END OF TEST REPORT