

# 1TX Antenna 5 MODE (FCC+IC) – 26 Tones, RU Index 0

|                |           |
|----------------|-----------|
| Test Engineer: | 28502     |
| Test Date:     | 3/17/2023 |

## Antenna Gain and Limits

| Channel  | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP ower<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|----------|--------------------|------------------------------|-----------------------------|----------------------------------|
| Straddle | 6885               | -5.90                        | 24.00                       | -1.00                            |
| Mid      | 6965               | -7.50                        | 24.00                       | -1.00                            |
| High     | 7085               | -7.50                        | 24.00                       | -1.00                            |

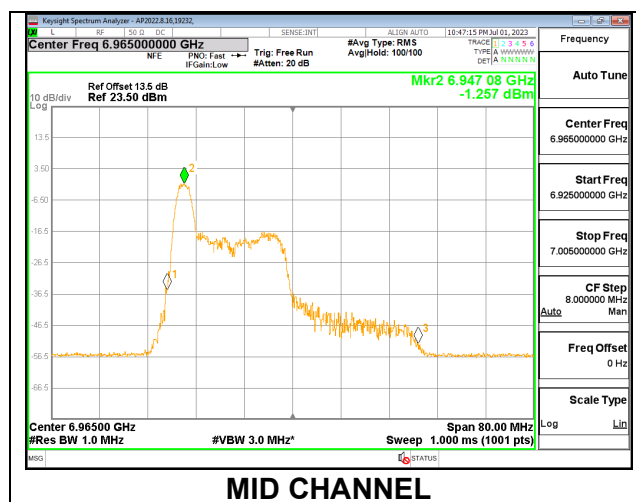
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel  | Frequency<br>(MHz) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|----------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Straddle | 6885               | 0.78                                | -5.12                                  | 24.00                        | -29.12                  |
| Mid      | 6965               | 2.28                                | -5.22                                  | 24.00                        | -29.22                  |
| High     | 7085               | 2.25                                | -5.25                                  | 24.00                        | -29.25                  |

## PSD Results

| Channel  | Frequency<br>(MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|----------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Straddle | 6885               | -1.766                                 | -7.666                                    | -1.00                            | -6.666                |
| Mid      | 6965               | -1.257                                 | -8.757                                    | -1.00                            | -7.757                |
| High     | 7085               | -0.996                                 | -8.496                                    | -1.00                            | -7.496                |



# 1TX Antenna 5 MODE (FCC+IC) – 26 Tones, RU Index 8

|                |           |
|----------------|-----------|
| Test Engineer: | 28502     |
| Test Date:     | 3/17/2023 |

## Antenna Gain and Limits

| Channel  | Frequency (MHz) | Directional Gain (dBi) | EIRP Power Limit (dBm) | EIRP PSD Limit (dBm/ 1MHz) |
|----------|-----------------|------------------------|------------------------|----------------------------|
| Straddle | 6885            | -5.90                  | 24.00                  | -1.00                      |
| Mid      | 6965            | -7.50                  | 24.00                  | -1.00                      |
| High     | 7085            | -7.50                  | 24.00                  | -1.00                      |

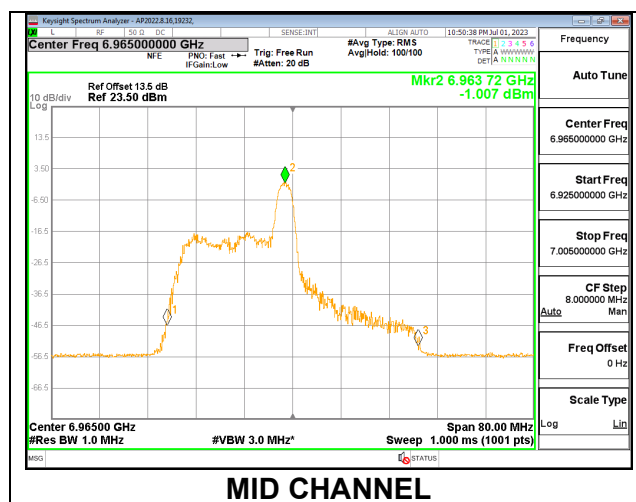
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel  | Frequency (MHz) | Antenna 5 Meas Power (dBm) | Total EIRP Corr'd Power (dBm) | EIRP Power Limit (dBm) | Power Margin (dB) |
|----------|-----------------|----------------------------|-------------------------------|------------------------|-------------------|
| Straddle | 6885            | 0.77                       | -5.13                         | 24.00                  | -29.13            |
| Mid      | 6965            | 2.25                       | -5.25                         | 24.00                  | -29.25            |
| High     | 7085            | 2.24                       | -5.26                         | 24.00                  | -29.26            |

## PSD Results

| Channel  | Frequency (MHz) | Antenna 5 Meas PSD (dBm/1MHz) | Total EIRP Corr'd PSD (dBm/1MHz) | EIRP PSD Limit (dBm/ 1MHz) | PSD Margin (dB) |
|----------|-----------------|-------------------------------|----------------------------------|----------------------------|-----------------|
| Straddle | 6885            | -1.915                        | -7.815                           | -1.00                      | -6.815          |
| Mid      | 6965            | -1.007                        | -8.507                           | -1.00                      | -7.507          |
| High     | 7085            | -1.139                        | -8.639                           | -1.00                      | -7.639          |



# 1TX Antenna 5 MODE (FCC+IC) – 26 Tones, RU Index 17

|                |           |
|----------------|-----------|
| Test Engineer: | 28502     |
| Test Date:     | 3/17/2023 |

## Antenna Gain and Limits

| Channel  | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|----------|--------------------|------------------------------|------------------------------|----------------------------------|
| Straddle | 6885               | -5.90                        | 24.00                        | -1.00                            |
| Mid      | 6965               | -7.50                        | 24.00                        | -1.00                            |
| High     | 7085               | -7.50                        | 24.00                        | -1.00                            |

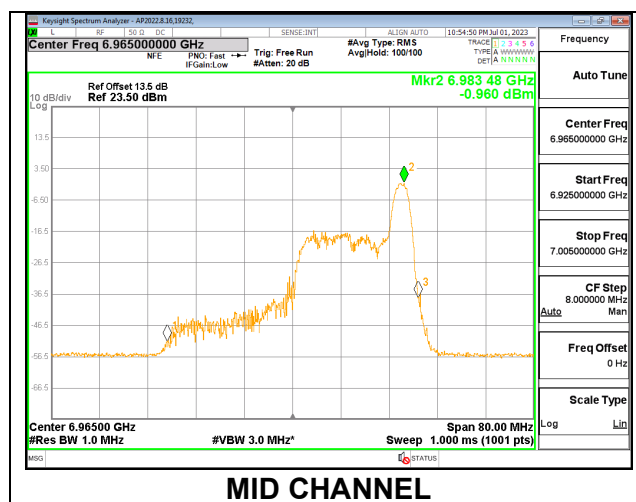
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel  | Frequency<br>(MHz) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|----------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Straddle | 6885               | 0.73                                | -5.17                                  | 24.00                        | -29.17                  |
| Mid      | 6965               | 2.27                                | -5.23                                  | 24.00                        | -29.23                  |
| High     | 7085               | 2.20                                | -5.30                                  | 24.00                        | -29.30                  |

## PSD Results

| Channel  | Frequency<br>(MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|----------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Straddle | 6885               | -1.690                                 | -7.590                                    | -1.00                            | -6.590                |
| Mid      | 6965               | -0.960                                 | -8.460                                    | -1.00                            | -7.460                |
| High     | 7085               | -0.936                                 | -8.436                                    | -1.00                            | -7.436                |



# 1TX Antenna 5 MODE (FCC+IC) – SU Mode

|                |           |
|----------------|-----------|
| Test Engineer: | 32181     |
| Test Date:     | 3/16/2023 |

## Antenna Gain and Limits

| Channel  | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|----------|--------------------|------------------------------|------------------------------|----------------------------------|
| Straddle | 6885               | -5.90                        | 24.00                        | -1.00                            |
| Mid      | 6965               | -7.50                        | 24.00                        | -1.00                            |
| High     | 7085               | -7.50                        | 24.00                        | -1.00                            |

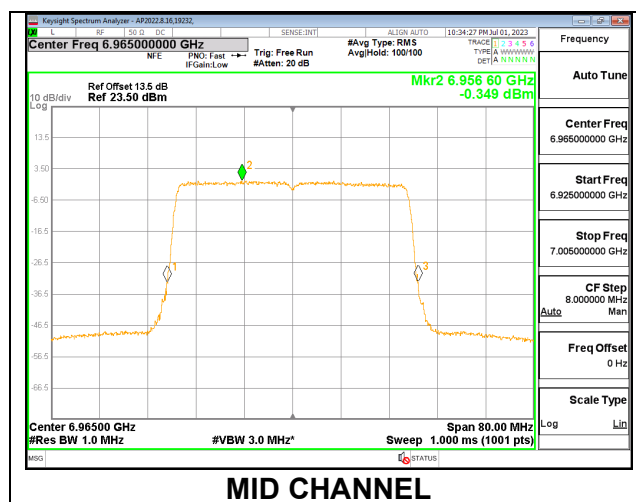
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel  | Frequency<br>(MHz) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|----------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Straddle | 6885               | 12.74                               | 6.84                                   | 24.00                        | -17.16                  |
| Mid      | 6965               | 14.26                               | 6.76                                   | 24.00                        | -17.24                  |
| High     | 7085               | 14.27                               | 6.77                                   | 24.00                        | -17.23                  |

## PSD Results

| Channel  | Frequency<br>(MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|----------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Straddle | 6885               | -1.654                                 | -7.554                                    | -1.00                            | -6.554                |
| Mid      | 6965               | -0.349                                 | -7.849                                    | -1.00                            | -6.849                |
| High     | 7085               | -0.221                                 | -7.721                                    | -1.00                            | -6.721                |



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

|                |           |
|----------------|-----------|
| Test Engineer: | 28502     |
| Test Date:     | 3/17/2023 |

**Antenna Gain and Limits**

| Channel  | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|----------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Straddle | 6885               | -2.72                                     | -0.03                                   | 24.00                        | -1.00                           |
| Mid      | 6965               | -4.32                                     | -1.63                                   | 24.00                        | -1.00                           |
| High     | 7085               | -4.32                                     | -1.63                                   | 24.00                        | -1.00                           |

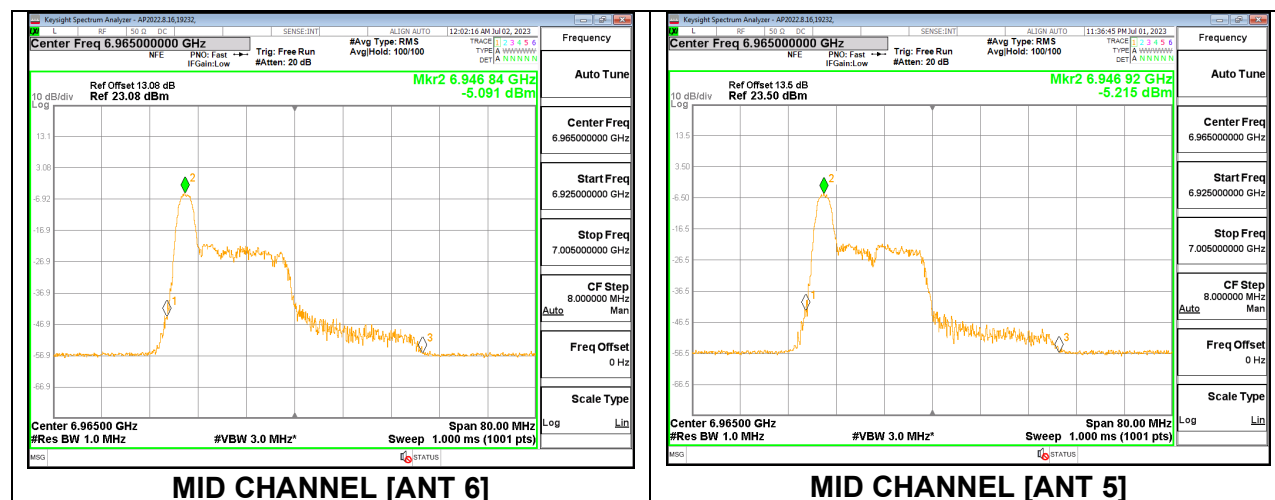
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel  | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|----------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Straddle | 6885               | -3.05                               | -3.05                               | -2.76                                  | 24.00                        | -26.76                  |
| Mid      | 6965               | -1.61                               | -1.62                               | -2.92                                  | 24.00                        | -26.92                  |
| High     | 7085               | -1.53                               | -1.57                               | -2.86                                  | 24.00                        | -26.86                  |

**PSD Results**

| Channel  | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/ 1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|----------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Straddle | 6885               | -6.204                                 | -6.123                                 | -3.183                                     | -1.00                            | -2.183                |
| Mid      | 6965               | -5.091                                 | -5.215                                 | -3.777                                     | -1.00                            | -2.777                |
| High     | 7085               | -5.036                                 | -5.045                                 | -3.665                                     | -1.00                            | -2.665                |



## 2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC + IC) – 26 Tones, RU Index 8

|                |           |
|----------------|-----------|
| Test Engineer: | 28502     |
| Test Date:     | 3/17/2023 |

### Antenna Gain and Limits

| Channel  | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|----------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Straddle | 6885               | -2.72                                     | -0.03                                   | 24.00                        | -1.00                           |
| Mid      | 6965               | -4.32                                     | -1.63                                   | 24.00                        | -1.00                           |
| High     | 7085               | -4.32                                     | -1.63                                   | 24.00                        | -1.00                           |

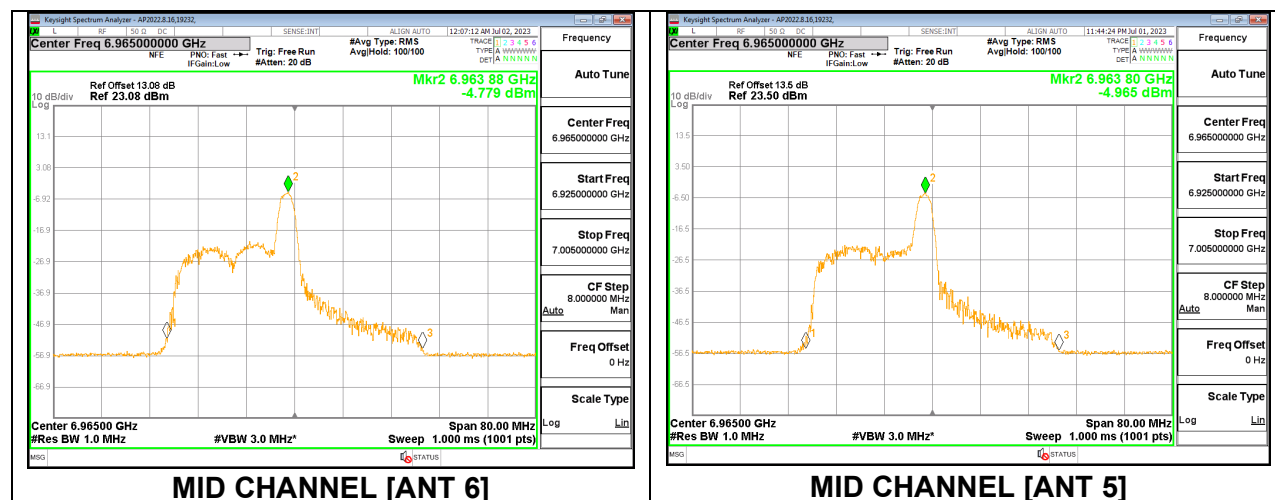
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel  | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|----------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Straddle | 6885               | -3.07                               | -3.07                               | -2.78                                  | 24.00                        | -26.78                  |
| Mid      | 6965               | -1.52                               | -1.59                               | -2.86                                  | 24.00                        | -26.86                  |
| High     | 7085               | -1.59                               | -1.55                               | -2.88                                  | 24.00                        | -26.88                  |

### PSD Results

| Channel  | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/ 1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|----------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Straddle | 6885               | -6.154                                 | -6.178                                 | -3.186                                     | -1.00                            | -2.186                |
| Mid      | 6965               | -4.779                                 | -4.965                                 | -3.495                                     | -1.00                            | -2.495                |
| High     | 7085               | -4.868                                 | -4.934                                 | -3.525                                     | -1.00                            | -2.525                |



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

|                |           |
|----------------|-----------|
| Test Engineer: | 28502     |
| Test Date:     | 3/17/2023 |

**Antenna Gain and Limits**

| Channel  | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|----------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Straddle | 6885               | -2.72                                     | -0.03                                   | 24.00                        | -1.00                           |
| Mid      | 6965               | -4.32                                     | -1.63                                   | 24.00                        | -1.00                           |
| High     | 7085               | -4.32                                     | -1.63                                   | 24.00                        | -1.00                           |

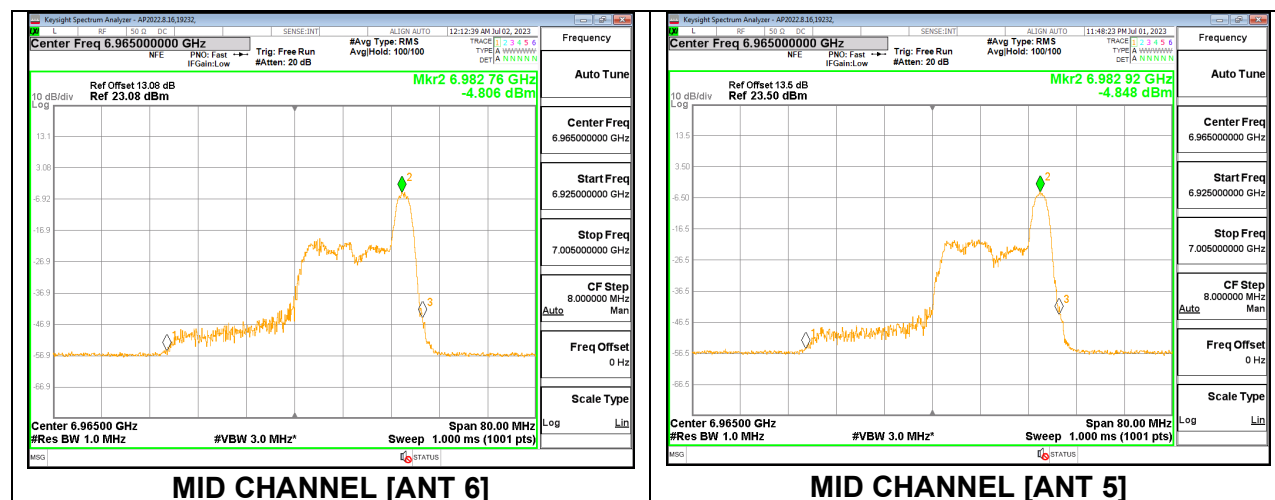
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel  | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|----------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Straddle | 6885               | -3.06                               | -3.02                               | -2.75                                  | 24.00                        | -26.75                  |
| Mid      | 6965               | -1.55                               | -1.53                               | -2.85                                  | 24.00                        | -26.85                  |
| High     | 7085               | -1.59                               | -1.51                               | -2.86                                  | 24.00                        | -26.86                  |

**PSD Results**

| Channel  | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/ 1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|----------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Straddle | 6885               | -6.144                                 | -5.915                                 | -3.048                                     | -1.00                            | -2.048                |
| Mid      | 6965               | -4.806                                 | -4.848                                 | -3.451                                     | -1.00                            | -2.451                |
| High     | 7085               | -5.091                                 | -5.084                                 | -3.712                                     | -1.00                            | -2.712                |



## 2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC + IC) – SU Mode

|                |           |
|----------------|-----------|
| Test Engineer: | 32181     |
| Test Date:     | 3/16/2023 |

### Antenna Gain and Limits

| Channel  | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|----------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Straddle | 6885               | -2.72                                     | -0.03                                   | 24.00                        | -1.00                           |
| Mid      | 6965               | -4.32                                     | -1.63                                   | 24.00                        | -1.00                           |
| High     | 7085               | -4.32                                     | -1.63                                   | 24.00                        | -1.00                           |

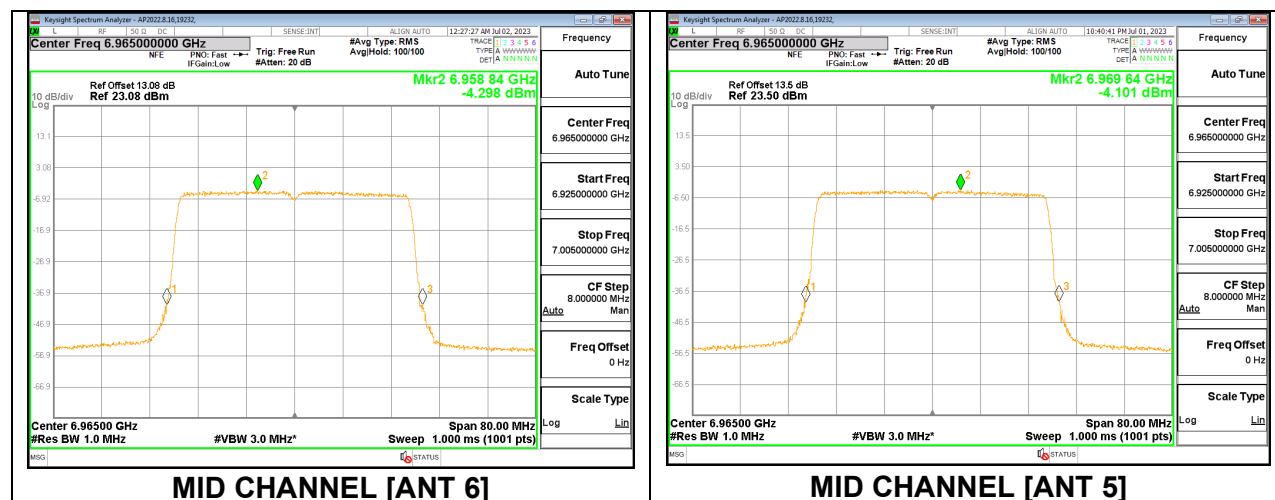
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel  | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|----------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Straddle | 6885               | 8.96                                | 8.95                                | 9.25                                   | 24.00                        | -14.75                  |
| Mid      | 6965               | 10.45                               | 10.45                               | 9.14                                   | 24.00                        | -14.86                  |
| High     | 7085               | 10.44                               | 10.48                               | 9.15                                   | 24.00                        | -14.85                  |

### PSD Results

| Channel  | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/ 1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|----------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Straddle | 6885               | -5.714                                 | -5.887                                 | -2.819                                     | -1.00                            | -1.819                |
| Mid      | 6965               | -4.298                                 | -4.101                                 | -2.823                                     | -1.00                            | -1.823                |
| High     | 7085               | -4.070                                 | -4.001                                 | -2.660                                     | -1.00                            | -1.660                |



## 2TX Antenna 6 + Antenna 5 SDM MODE (FCC + IC) – 26 Tones, RU Index 0

|                |           |
|----------------|-----------|
| Test Engineer: | 32181     |
| Test Date:     | 5/22/2023 |

### Antenna Gain and Limits

| Channel  | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|----------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Straddle | 6885               | -2.72                                     | -2.72                                   | 24.00                        | -1.00                           |
| Mid      | 6965               | -4.32                                     | -4.32                                   | 24.00                        | -1.00                           |
| High     | 7085               | -4.32                                     | -4.32                                   | 24.00                        | -1.00                           |

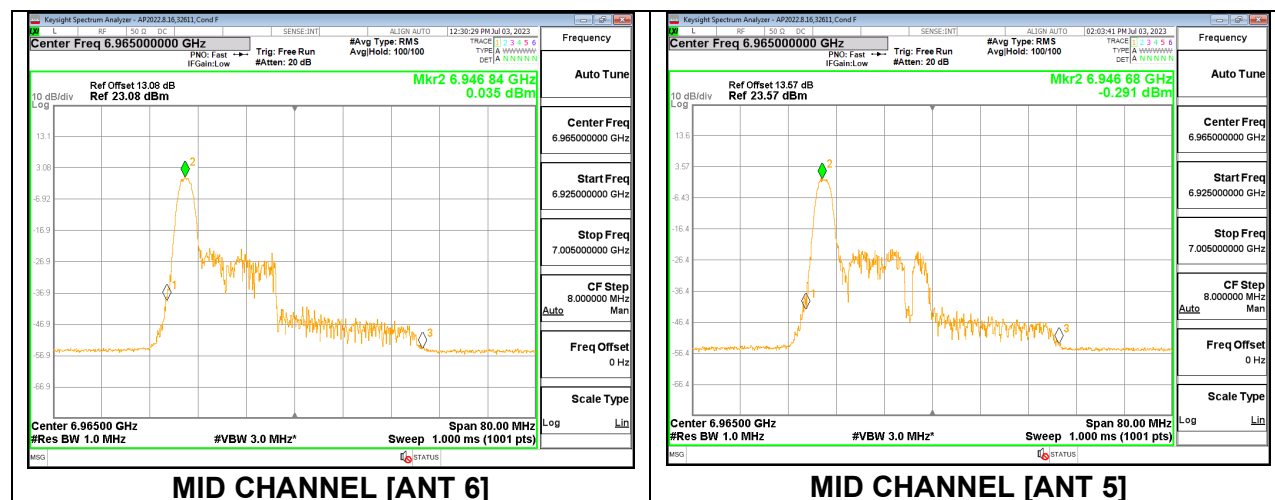
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel  | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|----------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Straddle | 6885               | -0.60                               | -0.55                               | -0.28                                  | 24.00                        | -24.28                  |
| Mid      | 6965               | 1.27                                | 1.29                                | -0.03                                  | 24.00                        | -24.03                  |
| High     | 7085               | 1.22                                | 1.15                                | -0.12                                  | 24.00                        | -24.12                  |

### PSD Results

| Channel  | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/ 1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|----------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Straddle | 6885               | -3.234                                 | -3.537                                 | -3.093                                     | -1.00                            | -2.093                |
| Mid      | 6965               | 0.035                                  | -0.291                                 | -1.432                                     | -1.00                            | -0.432                |
| High     | 7085               | -0.146                                 | -0.143                                 | -1.451                                     | -1.00                            | -0.451                |



## 2TX Antenna 6 + Antenna 5 SDM MODE (FCC + IC) – 26 Tones, RU Index 8

|                |           |
|----------------|-----------|
| Test Engineer: | 32181     |
| Test Date:     | 5/22/2023 |

### Antenna Gain and Limits

| Channel  | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|----------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Straddle | 6885               | -2.72                                     | -2.72                                   | 24.00                        | -1.00                           |
| Mid      | 6965               | -4.32                                     | -4.32                                   | 24.00                        | -1.00                           |
| High     | 7085               | -4.32                                     | -4.32                                   | 24.00                        | -1.00                           |

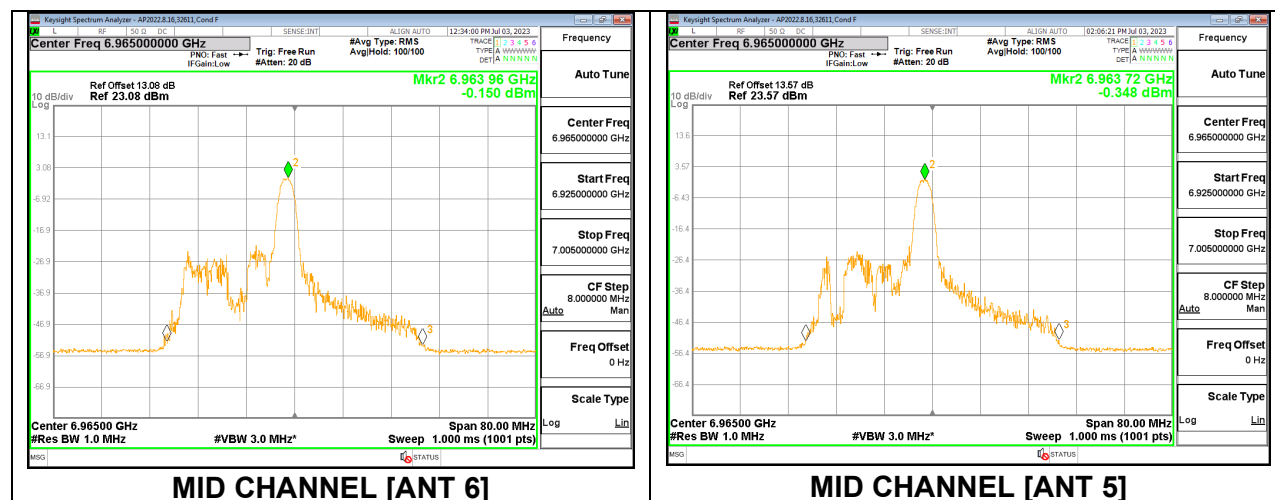
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel  | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|----------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Straddle | 6885               | -0.58                               | -0.60                               | -0.30                                  | 24.00                        | -24.30                  |
| Mid      | 6965               | 1.28                                | 1.26                                | -0.04                                  | 24.00                        | -24.04                  |
| High     | 7085               | 1.22                                | 1.21                                | -0.09                                  | 24.00                        | -24.09                  |

### PSD Results

| Channel  | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/ 1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|----------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Straddle | 6885               | -3.274                                 | -3.557                                 | -3.123                                     | -1.00                            | -2.123                |
| Mid      | 6965               | -0.150                                 | -0.348                                 | -1.555                                     | -1.00                            | -0.555                |
| High     | 7085               | -0.253                                 | -0.189                                 | -1.528                                     | -1.00                            | -0.528                |



**2TX Antenna 6 + Antenna 5 SDM MODE (FCC + IC) – 26 Tones, RU Index 17**

|                |           |
|----------------|-----------|
| Test Engineer: | 32181     |
| Test Date:     | 5/22/2023 |

**Antenna Gain and Limits**

| Channel  | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|----------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Straddle | 6885               | -2.72                                     | -2.72                                   | 24.00                        | -1.00                           |
| Mid      | 6965               | -4.32                                     | -4.32                                   | 24.00                        | -1.00                           |
| High     | 7085               | -4.32                                     | -4.32                                   | 24.00                        | -1.00                           |

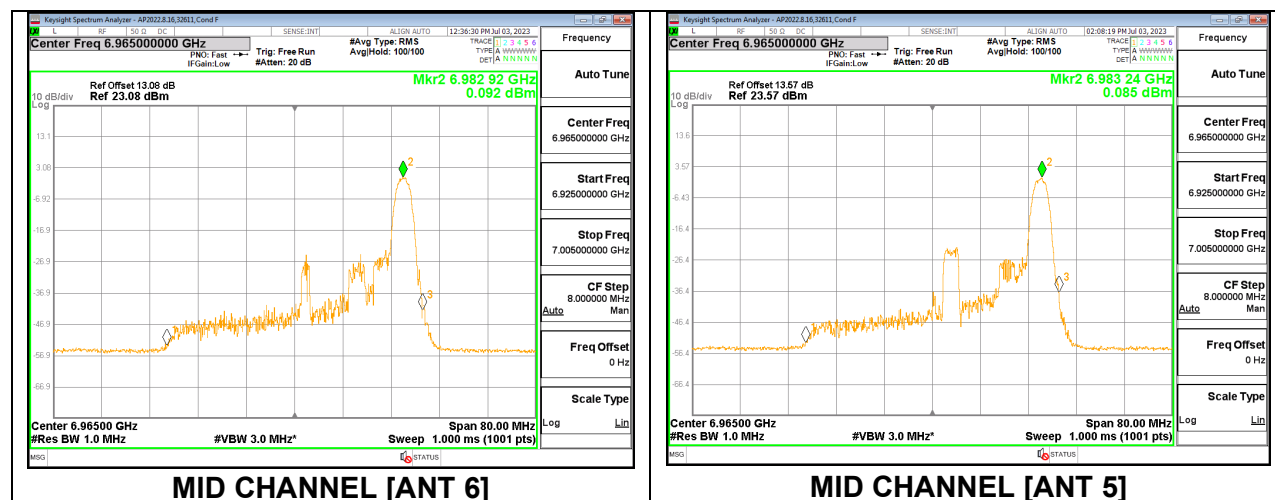
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel  | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|----------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Straddle | 6885               | -0.59                               | -0.58                               | -0.29                                  | 24.00                        | -24.29                  |
| Mid      | 6965               | 1.22                                | 1.17                                | -0.11                                  | 24.00                        | -24.11                  |
| High     | 7085               | 1.19                                | 1.20                                | -0.11                                  | 24.00                        | -24.11                  |

**PSD Results**

| Channel  | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/ 1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|----------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Straddle | 6885               | -3.280                                 | -3.490                                 | -3.093                                     | -1.00                            | -2.093                |
| Mid      | 6965               | 0.092                                  | 0.085                                  | -1.218                                     | -1.00                            | -0.218                |
| High     | 7085               | -0.351                                 | -0.133                                 | -1.547                                     | -1.00                            | -0.547                |



## 2TX Antenna 6 + Antenna 5 SDM MODE (FCC + IC) – SU Mode

|                |           |
|----------------|-----------|
| Test Engineer: | 32181     |
| Test Date:     | 6/20/2023 |

### Antenna Gain and Limits

| Channel  | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|----------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Straddle | 6885               | -2.72                                     | -2.72                                   | 24.00                        | -1.00                           |
| Mid      | 6965               | -4.32                                     | -4.32                                   | 24.00                        | -1.00                           |
| High     | 7085               | -4.32                                     | -4.32                                   | 24.00                        | -1.00                           |

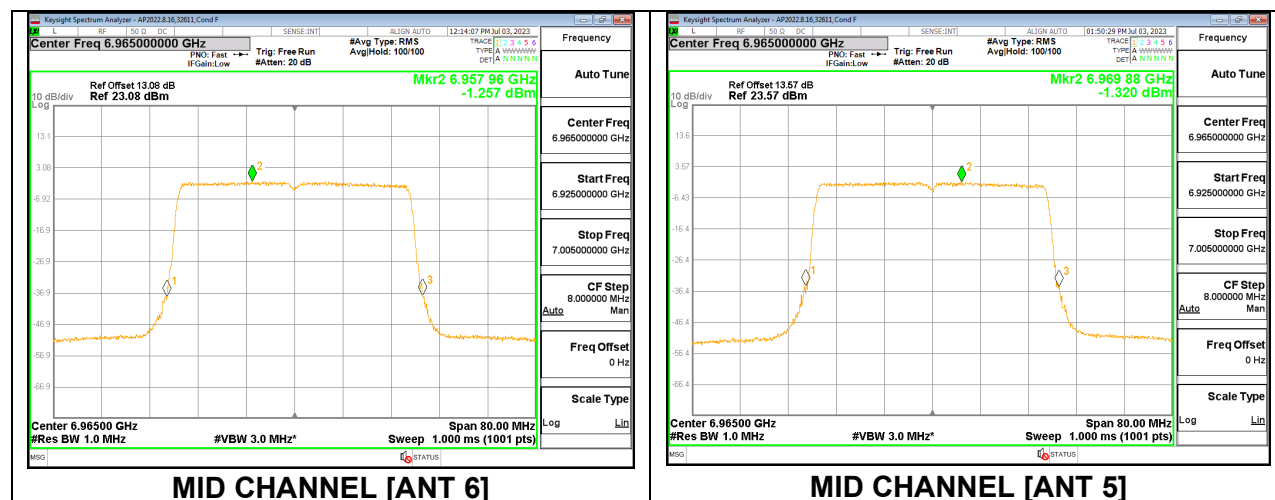
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel  | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|----------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Straddle | 6885               | 11.44                               | 11.47                               | 11.75                                  | 24.00                        | -12.25                  |
| Mid      | 6965               | 13.21                               | 13.25                               | 11.92                                  | 24.00                        | -12.08                  |
| High     | 7085               | 13.18                               | 13.20                               | 11.88                                  | 24.00                        | -12.12                  |

### PSD Results

| Channel  | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/ 1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|----------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Straddle | 6885               | -3.164                                 | -3.110                                 | -2.847                                     | -1.00                            | -1.847                |
| Mid      | 6965               | -1.257                                 | -1.320                                 | -2.595                                     | -1.00                            | -1.595                |
| High     | 7085               | -1.516                                 | -1.242                                 | -2.684                                     | -1.00                            | -1.684                |



### 9.3.15. 802.11ax HE80 MODE IN THE UNII-8 BAND

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

|                |           |
|----------------|-----------|
| Test Engineer: | 19336     |
| Test Date:     | 6/18/2023 |

#### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|------------------------------|----------------------------------|
| Low     | 6945               | -2.50                        | 24.00                        | -1.00                            |
| High    | 7025               | -2.50                        | 24.00                        | -1.00                            |

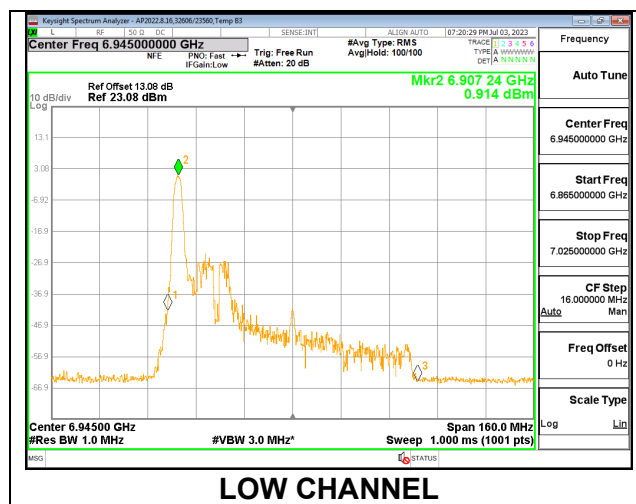
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

#### Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 6945               | 2.24                                | -0.26                                  | 24.00                        | -24.26                  |
| High    | 7025               | 2.21                                | -0.29                                  | 24.00                        | -24.29                  |

#### PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Low     | 6945               | 0.914                                  | -1.586                                    | -1.00                            | -0.586                |
| High    | 7025               | 0.752                                  | -1.748                                    | -1.00                            | -0.748                |



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

|                       |           |
|-----------------------|-----------|
| <b>Test Engineer:</b> | 19336     |
| <b>Test Date:</b>     | 6/18/2023 |

## **Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|------------------------------|----------------------------------|
| Low     | 6945               | -2.50                        | 24.00                        | -1.00                            |
| High    | 7025               | -2.50                        | 24.00                        | -1.00                            |

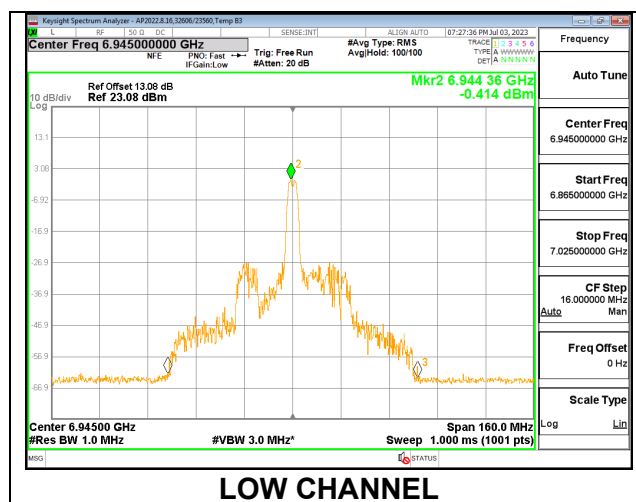
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

## **Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 6945               | 2.20                                | -0.30                                  | 24.00                        | -24.30                  |
| High    | 7025               | 2.18                                | -0.32                                  | 24.00                        | -24.32                  |

## **PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Low     | 6945               | -0.414                                 | -2.914                                    | -1.00                            | -1.914                |
| High    | 7025               | -0.543                                 | -3.043                                    | -1.00                            | -2.043                |



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

|                |           |
|----------------|-----------|
| Test Engineer: | 19336     |
| Test Date:     | 6/18/2023 |

## Antenna Gain and Limits

| Channel | Frequency (MHz) | Directional Gain (dBi) | EIRP Power Limit (dBm) | EIRP PSD Limit (dBm/ 1MHz) |
|---------|-----------------|------------------------|------------------------|----------------------------|
| Low     | 6945            | -2.50                  | 24.00                  | -1.00                      |
| High    | 7025            | -2.50                  | 24.00                  | -1.00                      |

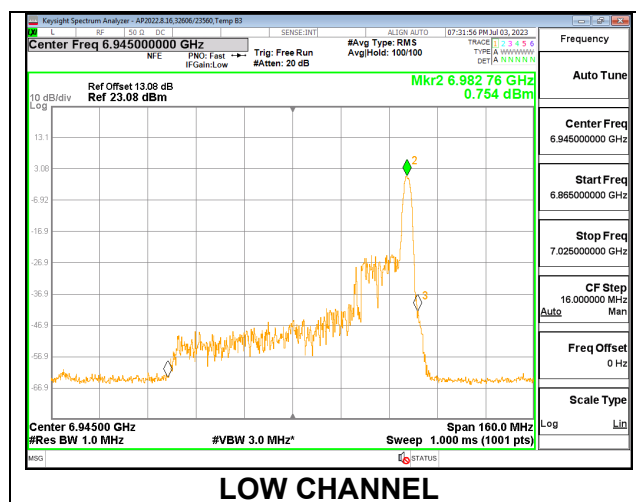
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel | Frequency (MHz) | Antenna 6 Meas Power (dBm) | Total EIRP Corr'd Power (dBm) | EIRP Power Limit (dBm) | Power Margin (dB) |
|---------|-----------------|----------------------------|-------------------------------|------------------------|-------------------|
| Low     | 6945            | 2.23                       | -0.27                         | 24.00                  | -24.27            |
| High    | 7025            | 2.27                       | -0.23                         | 24.00                  | -24.23            |

## PSD Results

| Channel | Frequency (MHz) | Antenna 6 Meas PSD (dBm/1MHz) | Total EIRP Corr'd PSD (dBm/1MHz) | EIRP PSD Limit (dBm/ 1MHz) | PSD Margin (dB) |
|---------|-----------------|-------------------------------|----------------------------------|----------------------------|-----------------|
| Low     | 6945            | 0.754                         | -1.746                           | -1.00                      | -0.746          |
| High    | 7025            | 0.882                         | -1.618                           | -1.00                      | -0.618          |



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

|                |           |
|----------------|-----------|
| Test Engineer: | 28502     |
| Test Date:     | 3/17/2023 |

## Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|------------------------------|----------------------------------|
| Low     | 6945               | -2.50                        | 24.00                        | -1.00                            |
| High    | 7025               | -2.50                        | 24.00                        | -1.00                            |

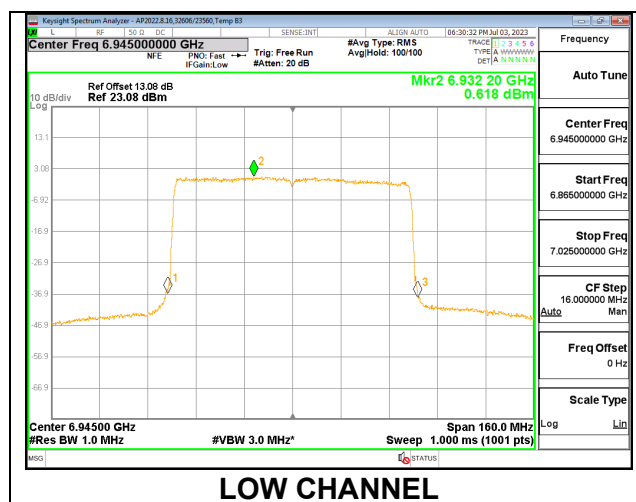
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 6945               | 16.73                               | 14.23                                  | 24.00                        | -9.77                   |
| High    | 7025               | 16.75                               | 14.25                                  | 24.00                        | -9.75                   |

## PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Low     | 6945               | 0.618                                  | -1.882                                    | -1.00                            | -0.882                |
| High    | 7025               | 0.420                                  | -2.080                                    | -1.00                            | -1.080                |



# **1TX Antenna 5 MODE (FCC+IC) – 26 Tones, RU Index 0**

|                       |           |
|-----------------------|-----------|
| <b>Test Engineer:</b> | 19336     |
| <b>Test Date:</b>     | 6/18/2023 |

## **Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|------------------------------|----------------------------------|
| Low     | 6945               | -7.50                        | 24.00                        | -1.00                            |
| High    | 7025               | -7.50                        | 24.00                        | -1.00                            |

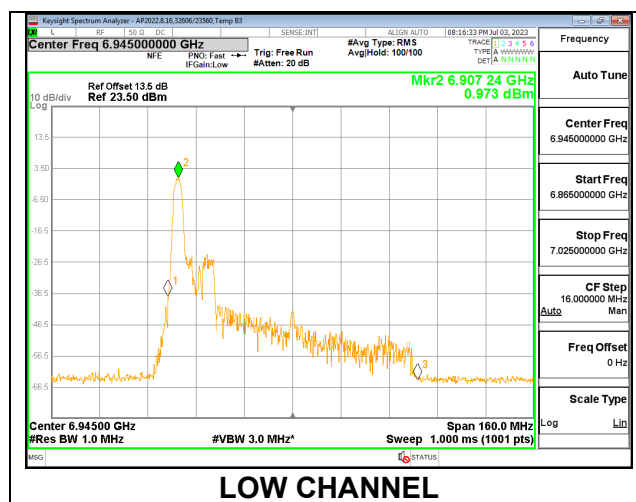
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

## **Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 6945               | 2.20                                | -5.30                                  | 24.00                        | -29.30                  |
| High    | 7025               | 2.26                                | -5.24                                  | 24.00                        | -29.24                  |

## **PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Low     | 6945               | 0.973                                  | -6.527                                    | -1.00                            | -5.527                |
| High    | 7025               | 0.700                                  | -6.800                                    | -1.00                            | -5.800                |



# 1TX Antenna 5 MODE (FCC+IC) – 26 Tones, RU Index 18

|                |           |
|----------------|-----------|
| Test Engineer: | 19336     |
| Test Date:     | 6/18/2023 |

## Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP ower<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|-----------------------------|----------------------------------|
| Low     | 6945               | -7.50                        | 24.00                       | -1.00                            |
| High    | 7025               | -7.50                        | 24.00                       | -1.00                            |

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

## Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 6945               | 2.25                                | -5.25                                  | 24.00                        | -29.25                  |
| High    | 7025               | 2.22                                | -5.28                                  | 24.00                        | -29.28                  |

## PSD Results

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Low     | 6945               | -0.335                                 | -7.835                                    | -1.00                            | -6.835                |
| High    | 7025               | -0.374                                 | -7.874                                    | -1.00                            | -6.874                |



# **1TX Antenna 5 MODE (FCC+IC) – 26 Tones, RU Index 36**

|                       |           |
|-----------------------|-----------|
| <b>Test Engineer:</b> | 19336     |
| <b>Test Date:</b>     | 6/18/2023 |

## **Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|------------------------------|----------------------------------|
| Low     | 6945               | -7.50                        | 24.00                        | -1.00                            |
| High    | 7025               | -7.50                        | 24.00                        | -1.00                            |

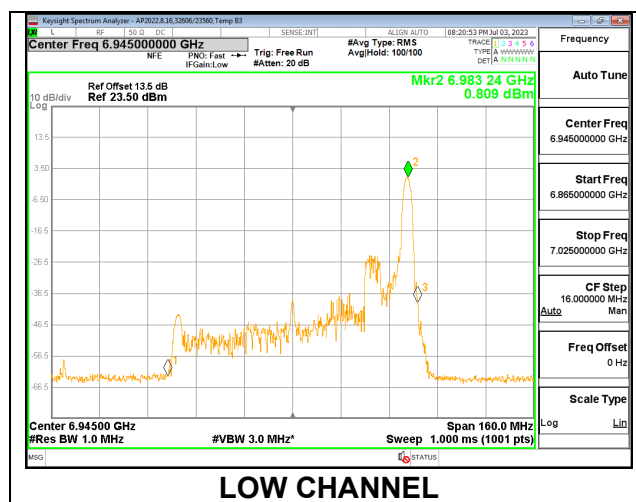
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

## **Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 6945               | 2.23                                | -5.27                                  | 24.00                        | -29.27                  |
| High    | 7025               | 2.25                                | -5.25                                  | 24.00                        | -29.25                  |

## **PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Low     | 6945               | 0.809                                  | -6.691                                    | -1.00                            | -5.691                |
| High    | 7025               | 0.854                                  | -6.646                                    | -1.00                            | -5.646                |



# 1TX Antenna 5 MODE (FCC+IC) – SU Mode

|                |           |
|----------------|-----------|
| Test Engineer: | 28502     |
| Test Date:     | 3/17/2023 |

## Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|------------------------------|----------------------------------|
| Low     | 6945               | -7.50                        | 24.00                        | -1.00                            |
| High    | 7025               | -7.50                        | 24.00                        | -1.00                            |

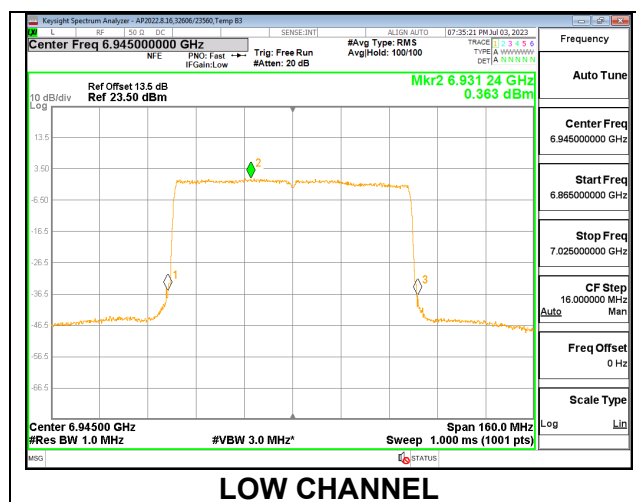
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 6945               | 16.73                               | 9.23                                   | 24.00                        | -14.77                  |
| High    | 7025               | 16.78                               | 9.28                                   | 24.00                        | -14.72                  |

## PSD Results

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Low     | 6945               | 0.363                                  | -7.137                                    | -1.00                            | -6.137                |
| High    | 7025               | 0.376                                  | -7.124                                    | -1.00                            | -6.124                |



## 2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC + IC) – 26 Tones, RU Index 0

|                |           |
|----------------|-----------|
| Test Engineer: | 28502     |
| Test Date:     | 3/17/2023 |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Low     | 6945               | -4.32                                     | -1.63                                   | 24.00                        | -1.00                           |
| High    | 7025               | -4.32                                     | -1.63                                   | 24.00                        | -1.00                           |

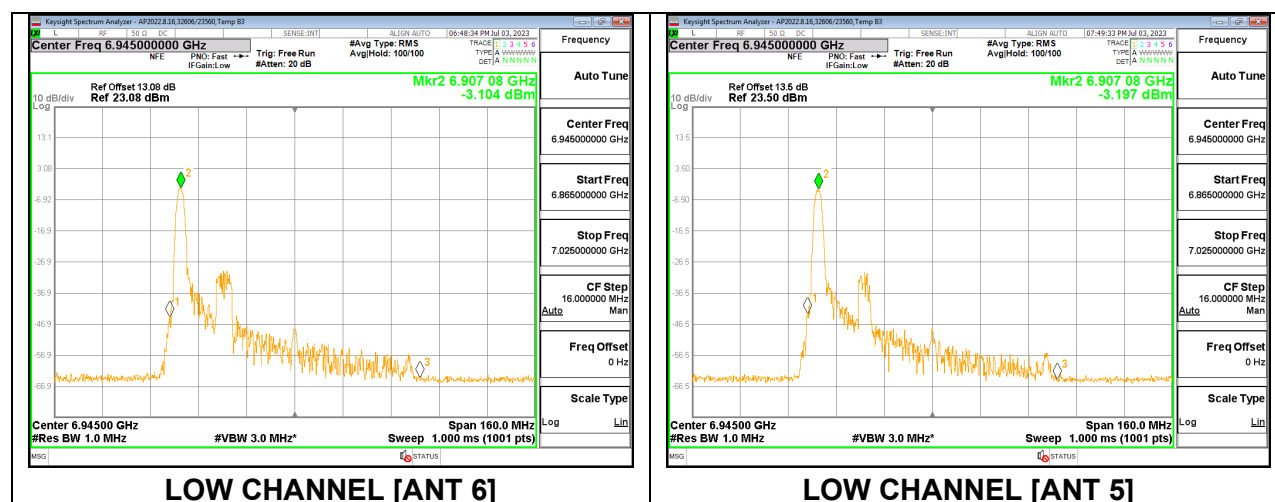
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 6945               | -1.56                               | -1.58                               | -2.88                                  | 24.00                        | -26.88                  |
| High    | 7025               | -1.55                               | -1.55                               | -2.86                                  | 24.00                        | -26.86                  |

### PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/ 1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Low     | 6945               | -3.104                                 | -3.197                                 | -1.775                                     | -1.00                            | -0.775                |
| High    | 7025               | -2.947                                 | -3.066                                 | -1.631                                     | -1.00                            | -0.631                |



## 2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC + IC) – 26 Tones, RU Index 18

|                |           |
|----------------|-----------|
| Test Engineer: | 28502     |
| Test Date:     | 3/17/2023 |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Low     | 6945               | -4.32                                     | -1.63                                   | 24.00                        | -1.00                           |
| High    | 7025               | -4.32                                     | -1.63                                   | 24.00                        | -1.00                           |

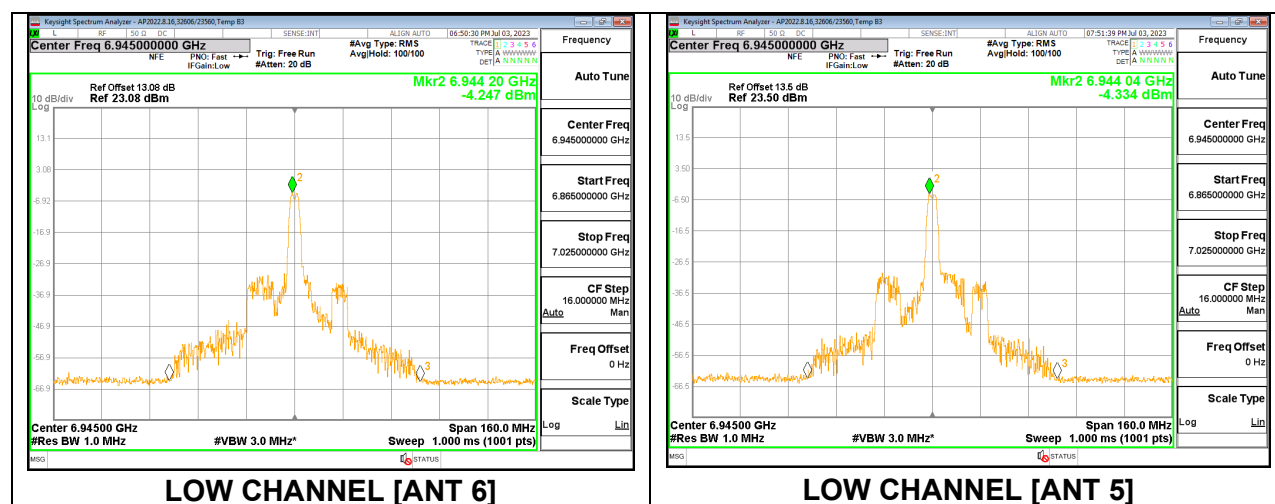
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 6945               | -1.57                               | -1.59                               | -2.89                                  | 24.00                        | -26.89                  |
| High    | 7025               | -1.55                               | -1.53                               | -2.85                                  | 24.00                        | -26.85                  |

### PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/ 1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Low     | 6945               | -4.247                                 | -4.334                                 | -2.915                                     | -1.00                            | -1.915                |
| High    | 7025               | -4.343                                 | -4.235                                 | -2.913                                     | -1.00                            | -1.913                |



## 2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC + IC) – 26 Tones, RU Index 36

|                |           |
|----------------|-----------|
| Test Engineer: | 28502     |
| Test Date:     | 3/17/2023 |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Low     | 6945               | -4.32                                     | -1.63                                   | 24.00                        | -1.00                           |
| High    | 7025               | -4.32                                     | -1.63                                   | 24.00                        | -1.00                           |

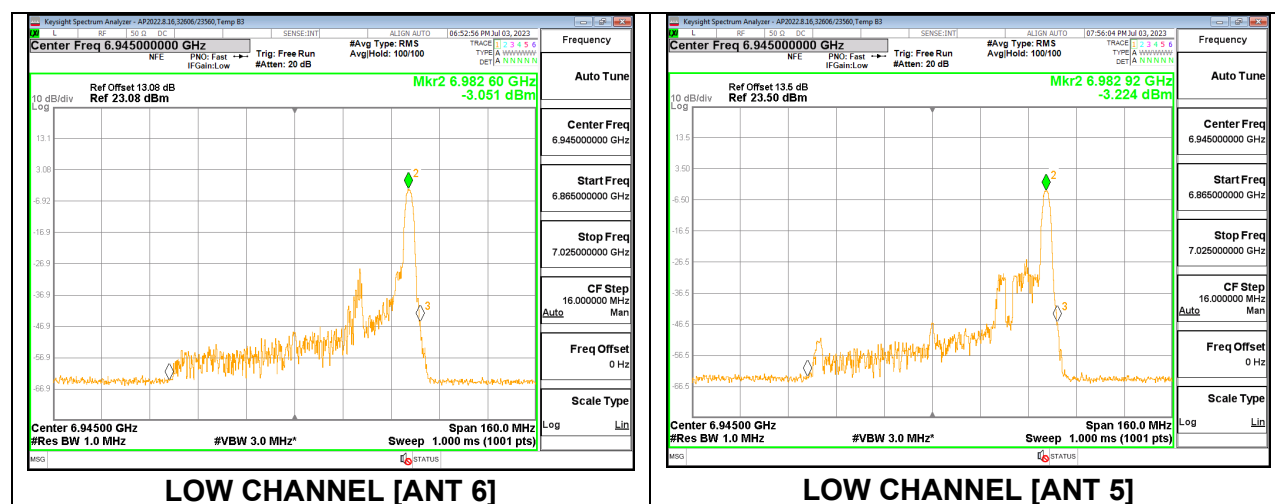
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 6945               | -1.53                               | -1.59                               | -2.87                                  | 24.00                        | -26.87                  |
| High    | 7025               | -1.58                               | -1.55                               | -2.87                                  | 24.00                        | -26.87                  |

### PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/ 1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Low     | 6945               | -3.051                                 | -3.224                                 | -1.761                                     | -1.00                            | -0.761                |
| High    | 7025               | -3.068                                 | -3.215                                 | -1.765                                     | -1.00                            | -0.765                |



## 2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC + IC) – SU Mode

|                |           |
|----------------|-----------|
| Test Engineer: | 28502     |
| Test Date:     | 3/17/2023 |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Low     | 6945               | -4.32                                     | -1.63                                   | 24.00                        | -1.00                           |
| High    | 7025               | -4.32                                     | -1.63                                   | 24.00                        | -1.00                           |

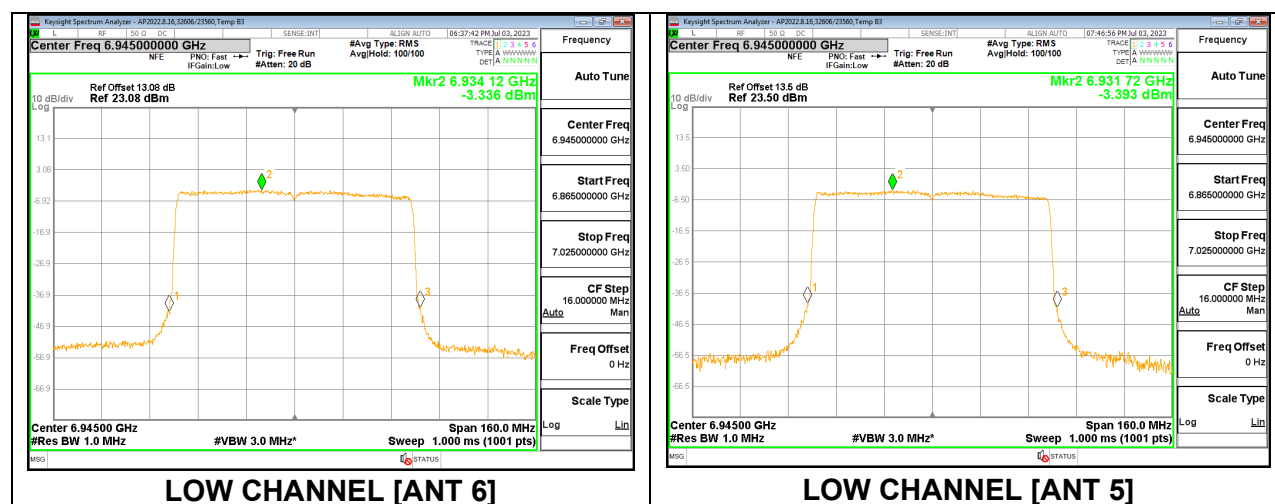
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 6945               | 12.88                               | 12.88                               | 11.57                                  | 24.00                        | -12.43                  |
| High    | 7025               | 12.85                               | 12.84                               | 11.54                                  | 24.00                        | -12.46                  |

### PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/ 1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Low     | 6945               | -3.336                                 | -3.393                                 | -1.989                                     | -1.00                            | -0.989                |
| High    | 7025               | -3.581                                 | -3.496                                 | -2.163                                     | -1.00                            | -1.163                |



**2TX Antenna 6 + Antenna 5 SDM MODE (FCC + IC) – 26 Tones, RU Index 0**

|                       |           |
|-----------------------|-----------|
| <b>Test Engineer:</b> | 36211     |
| <b>Test Date:</b>     | 6/20/2023 |

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Low     | 6945               | -4.32                                     | -4.32                                   | 24.00                        | -1.00                           |
| High    | 7025               | -4.32                                     | -4.32                                   | 24.00                        | -1.00                           |

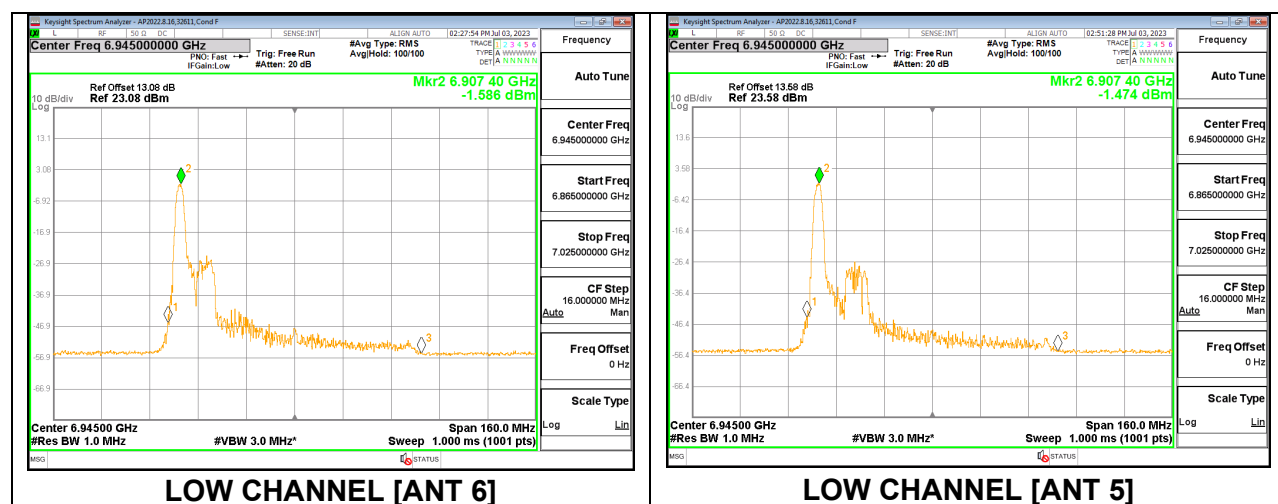
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 6945               | 1.22                                | 1.25                                | -0.07                                  | 24.00                        | -24.07                  |
| High    | 7025               | 1.14                                | 1.21                                | -0.13                                  | 24.00                        | -24.13                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/ 1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Low     | 6945               | -1.586                                 | -1.474                                 | -2.836                                     | -1.00                            | -1.836                |
| High    | 7025               | -1.287                                 | -1.397                                 | -2.648                                     | -1.00                            | -1.648                |



**2TX Antenna 6 + Antenna 5 SDM MODE (FCC + IC) – 26 Tones, RU Index 18**

|                       |           |
|-----------------------|-----------|
| <b>Test Engineer:</b> | 36211     |
| <b>Test Date:</b>     | 6/20/2023 |

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Low     | 6945               | -4.32                                     | -4.32                                   | 24.00                        | -1.00                           |
| High    | 7025               | -4.32                                     | -4.32                                   | 24.00                        | -1.00                           |

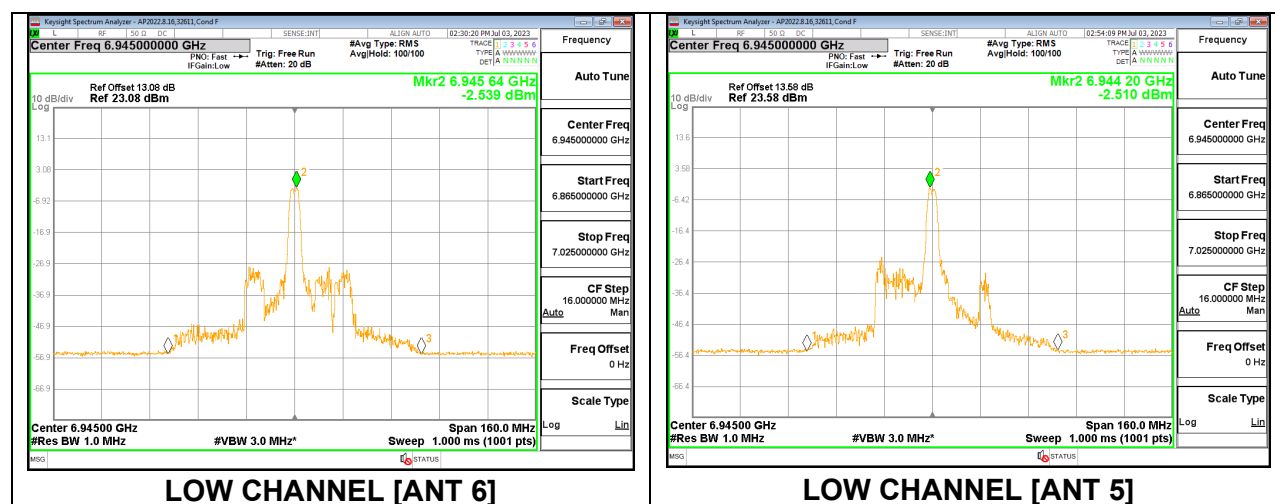
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 6945               | 1.24                                | 1.27                                | -0.05                                  | 24.00                        | -24.05                  |
| High    | 7025               | 1.14                                | 1.24                                | -0.12                                  | 24.00                        | -24.12                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/ 1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Low     | 6945               | -2.539                                 | -2.510                                 | -3.831                                     | -1.00                            | -2.831                |
| High    | 7025               | -2.898                                 | -2.554                                 | -4.029                                     | -1.00                            | -3.029                |



**2TX Antenna 6 + Antenna 5 SDM MODE (FCC + IC) – 26 Tones, RU Index 36**

|                       |           |
|-----------------------|-----------|
| <b>Test Engineer:</b> | 36211     |
| <b>Test Date:</b>     | 6/20/2023 |

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Low     | 6945               | -4.32                                     | -4.32                                   | 24.00                        | -1.00                           |
| High    | 7025               | -4.32                                     | -4.32                                   | 24.00                        | -1.00                           |

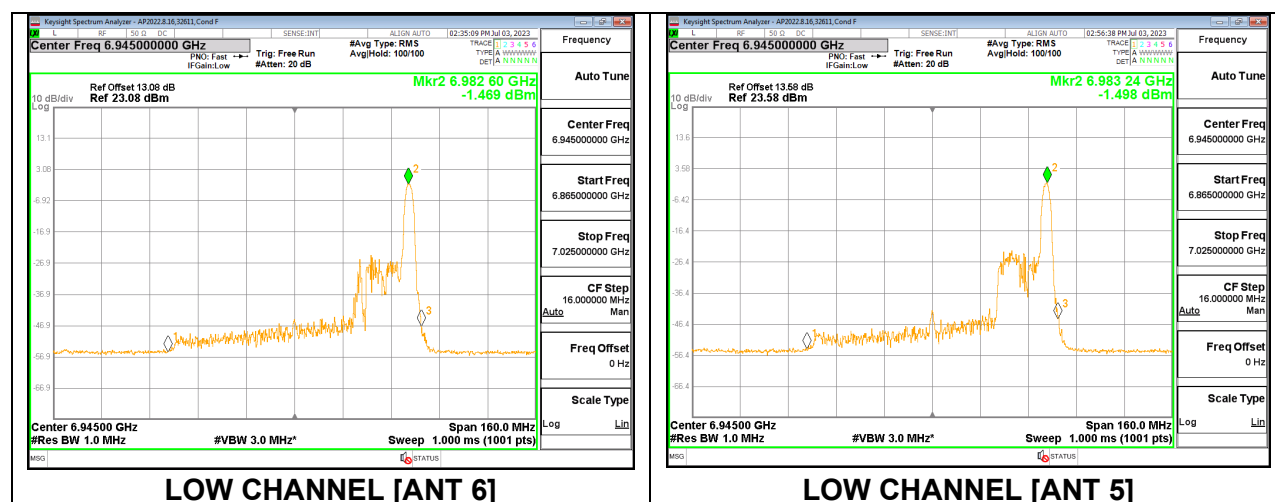
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 6945               | 1.27                                | 1.25                                | -0.05                                  | 24.00                        | -24.05                  |
| High    | 7025               | 1.22                                | 1.21                                | -0.09                                  | 24.00                        | -24.09                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/ 1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Low     | 6945               | -1.469                                 | -1.498                                 | -2.790                                     | -1.00                            | -1.790                |
| High    | 7025               | -1.250                                 | -1.223                                 | -2.543                                     | -1.00                            | -1.543                |



## 2TX Antenna 6 + Antenna 5 SDM MODE (FCC + IC) – SU Mode

|                |           |
|----------------|-----------|
| Test Engineer: | 36211     |
| Test Date:     | 6/20/2023 |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Low     | 6945               | -4.32                                     | -4.32                                   | 24.00                        | -1.00                           |
| High    | 7025               | -4.32                                     | -4.32                                   | 24.00                        | -1.00                           |

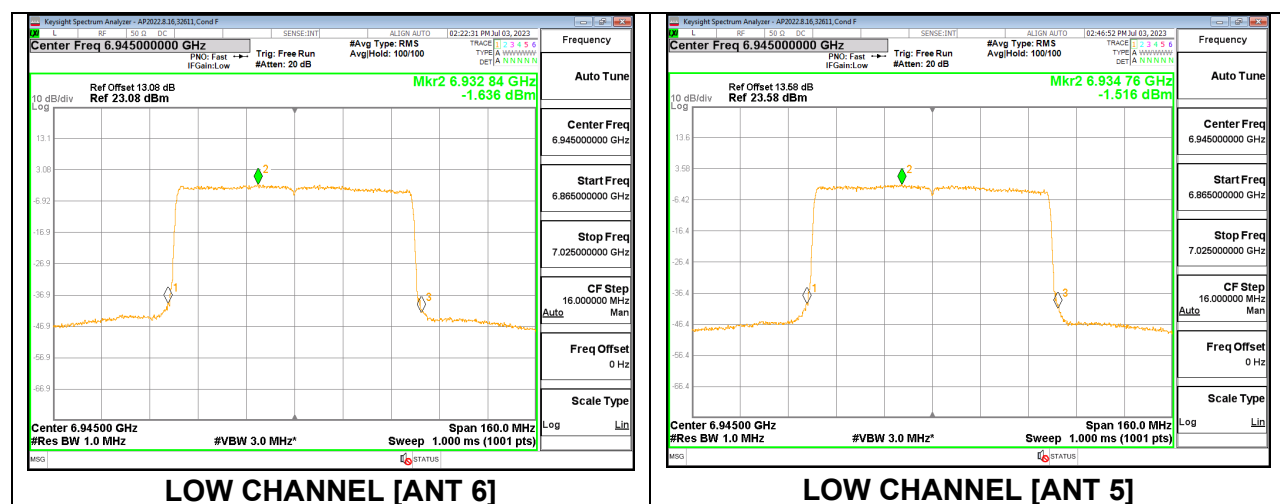
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 6945               | 15.73                               | 15.77                               | 14.44                                  | 24.00                        | -9.56                   |
| High    | 7025               | 15.76                               | 15.76                               | 14.45                                  | 24.00                        | -9.55                   |

### PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/ 1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Low     | 6945               | -1.636                                 | -1.516                                 | -2.882                                     | -1.00                            | -1.882                |
| High    | 7025               | -1.305                                 | -1.373                                 | -2.646                                     | -1.00                            | -1.646                |



### 9.3.16. 802.11ax HE160 MODE IN THE UNII-8 BAND

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

|                |           |
|----------------|-----------|
| Test Engineer: | 28502     |
| Test Date:     | 3/20/2023 |

#### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP wer<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|----------------------------|----------------------------------|
| Mid     | 6985               | -2.50                        | 24.00                      | -1.00                            |

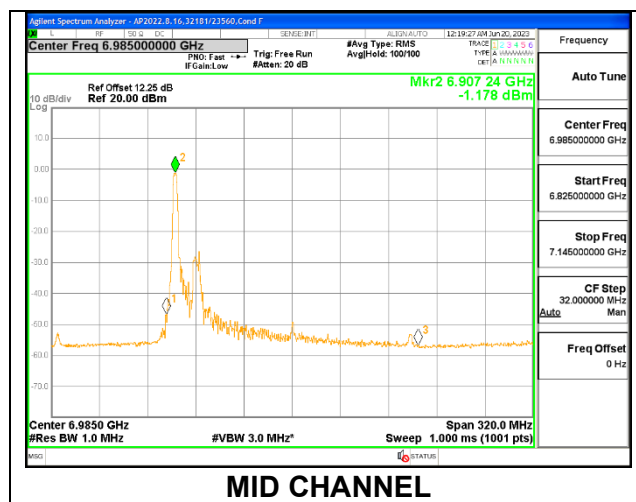
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

#### Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Mid     | 6985               | 1.46                                | -1.04                                  | 24.00                        | -25.04                  |

#### PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Mid     | 6985               | -1.178                                 | -3.896                                    | -1.00                            | -2.896                |



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

|                       |           |
|-----------------------|-----------|
| <b>Test Engineer:</b> | 28502     |
| <b>Test Date:</b>     | 3/20/2023 |

## **Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|------------------------------|----------------------------------|
| Mid     | 6985               | -2.50                        | 24.00                        | -1.00                            |

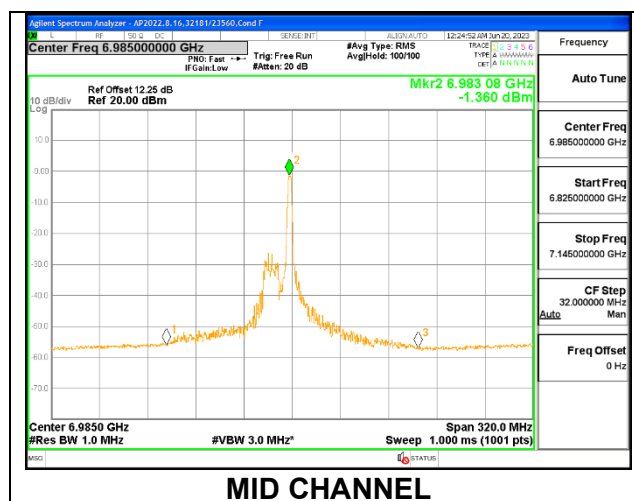
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

## **Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Mid     | 6985               | 1.41                                | -1.09                                  | 24.00                        | -25.09                  |

## **PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Mid     | 6985               | -1.360                                 | -3.860                                    | -1.00                            | -2.860                |



# 1TX Antenna 6 MODE (FCC+IC) – 26 Tones, RU Index S36

|                |           |
|----------------|-----------|
| Test Engineer: | 28502     |
| Test Date:     | 3/20/2023 |

## Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|------------------------------|----------------------------------|
| Mid     | 6985               | -2.50                        | 24.00                        | -1.00                            |

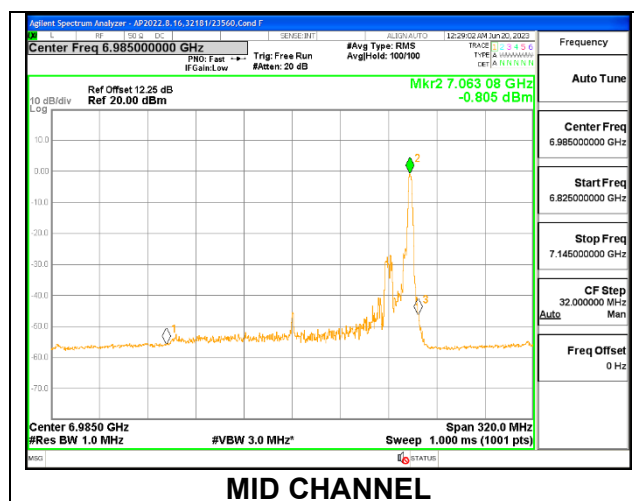
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Mid     | 6985               | 1.47                                | -1.03                                  | 24.00                        | -25.03                  |

## PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Mid     | 6985               | -0.805                                 | -3.305                                    | -1.00                            | -2.305                |



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

|                |           |
|----------------|-----------|
| Test Engineer: | 28502     |
| Test Date:     | 3/17/2023 |

## Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|------------------------------|----------------------------------|
| Mid     | 6985               | -2.50                        | 24.00                        | -1.00                            |

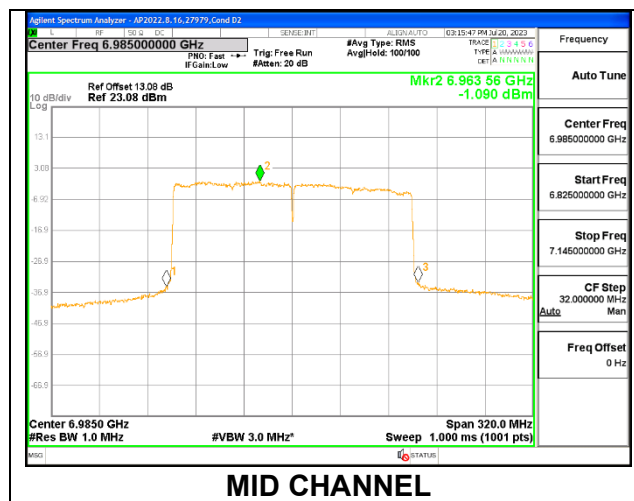
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.09 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Mid     | 6985               | 18.43                               | 15.93                                  | 24.00                        | -8.07                   |

## PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Mid     | 6985               | -1.090                                 | -3.500                                    | -1.00                            | -2.500                |



# 1TX Antenna 5 MODE (FCC+IC) – 26 Tones, RU Index 0

|                |           |
|----------------|-----------|
| Test Engineer: | 28502     |
| Test Date:     | 3/20/2023 |

## Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|------------------------------|----------------------------------|
| Mid     | 6985               | -7.50                        | 24.00                        | -1.00                            |

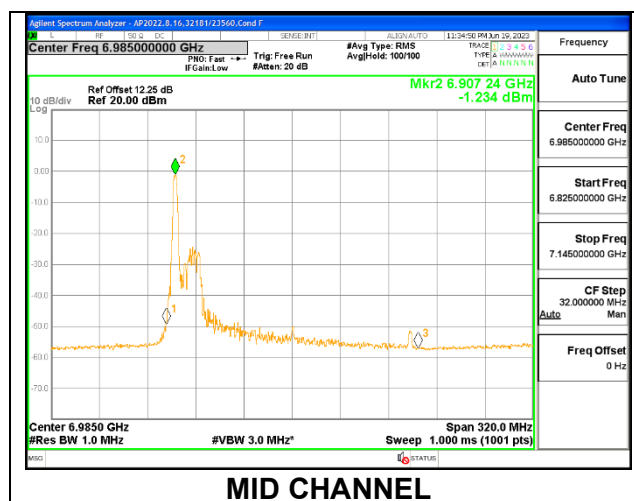
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Mid     | 6985               | 1.46                                | -6.04                                  | 24.00                        | -30.04                  |

## PSD Results

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Mid     | 6985               | -1.234                                 | -8.734                                    | -1.00                            | -7.734                |



# **1TX Antenna 5 MODE (FCC+IC) – 26 Tones, RU Index 36**

|                       |           |
|-----------------------|-----------|
| <b>Test Engineer:</b> | 28502     |
| <b>Test Date:</b>     | 3/20/2023 |

## **Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|------------------------------|----------------------------------|
| Mid     | 6985               | -7.50                        | 24.00                        | -1.00                            |

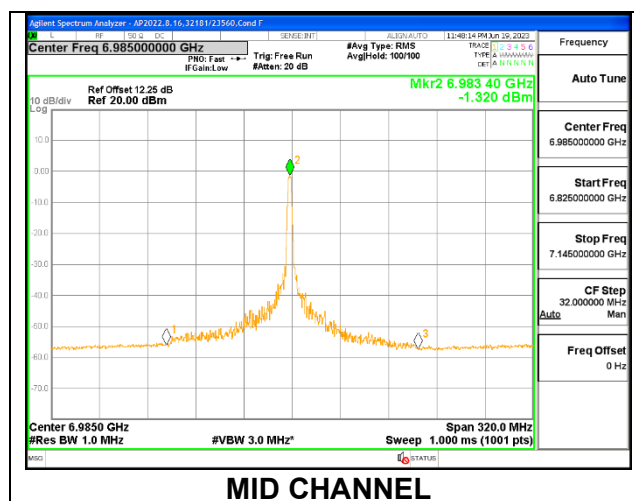
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

## **Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Mid     | 6985               | 1.41                                | -6.09                                  | 24.00                        | -30.09                  |

## **PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Mid     | 6985               | -1.320                                 | -8.820                                    | -1.00                            | -7.820                |



# 1TX Antenna 5 MODE (FCC+IC) – 26 Tones, RU Index S36

|                |           |
|----------------|-----------|
| Test Engineer: | 28502     |
| Test Date:     | 3/20/2023 |

## Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|------------------------------|----------------------------------|
| Mid     | 6985               | -7.50                        | 24.00                        | -1.00                            |

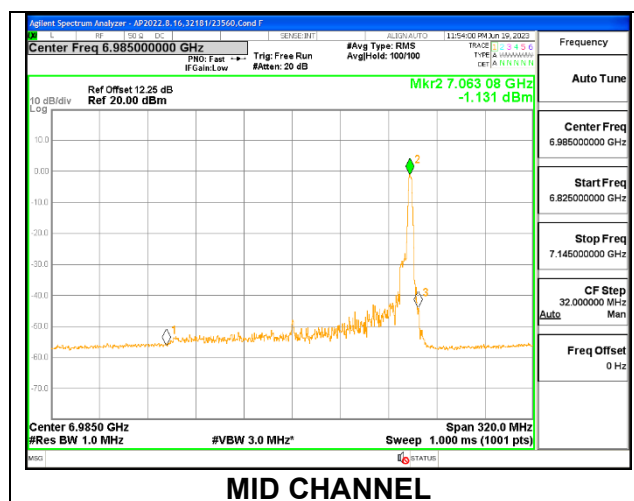
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Mid     | 6985               | 1.39                                | -6.11                                  | 24.00                        | -30.11                  |

## PSD Results

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Mid     | 6985               | -1.131                                 | -8.631                                    | -1.00                            | -7.631                |



# 1TX Antenna 5 MODE (FCC+IC) – SU Mode

|                |           |
|----------------|-----------|
| Test Engineer: | 28502     |
| Test Date:     | 3/17/2023 |

## Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|------------------------------|----------------------------------|
| Mid     | 6985               | -7.5                         | 24.00                        | -1.00                            |

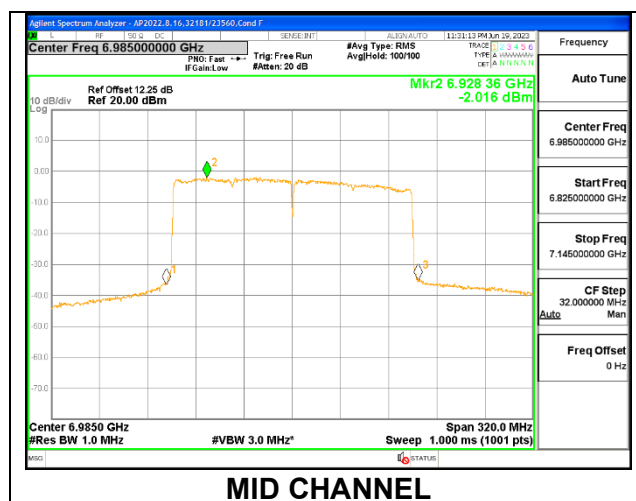
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.09 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Mid     | 6985               | 18.45                               | 10.95                                  | 24.00                        | -13.05                  |

## PSD Results

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Mid     | 6985               | -2.016                                 | -9.426                                    | -1.00                            | -8.426                |



## 2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC + IC) – 26 Tones, RU Index 0

|                |           |
|----------------|-----------|
| Test Engineer: | 28502     |
| Test Date:     | 3/20/2023 |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Mid     | 6985               | -4.32                                     | -1.63                                   | 24.00                        | -1.00                           |

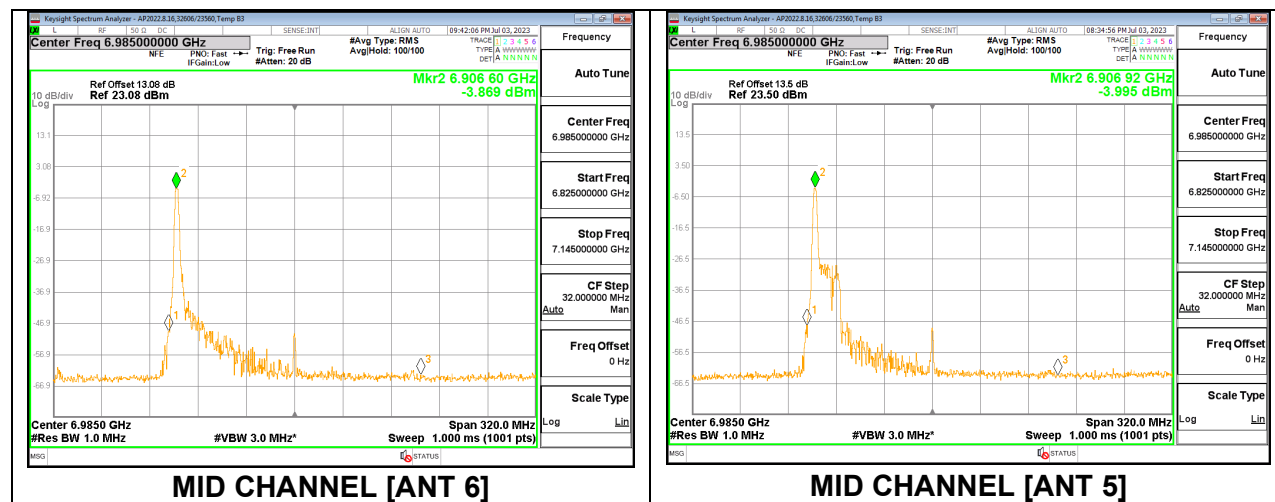
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Mid     | 6985               | -1.63                               | -1.69                               | -2.97                                  | 24.00                        | -26.97                  |

### PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/ 1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Mid     | 6985               | -3.869                                 | -3.995                                 | -2.556                                     | -1.00                            | -1.556                |



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

|                       |           |
|-----------------------|-----------|
| <b>Test Engineer:</b> | 28502     |
| <b>Test Date:</b>     | 3/20/2023 |

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Mid     | 6985               | -4.32                                     | -1.63                                   | 24.00                        | -1.00                           |

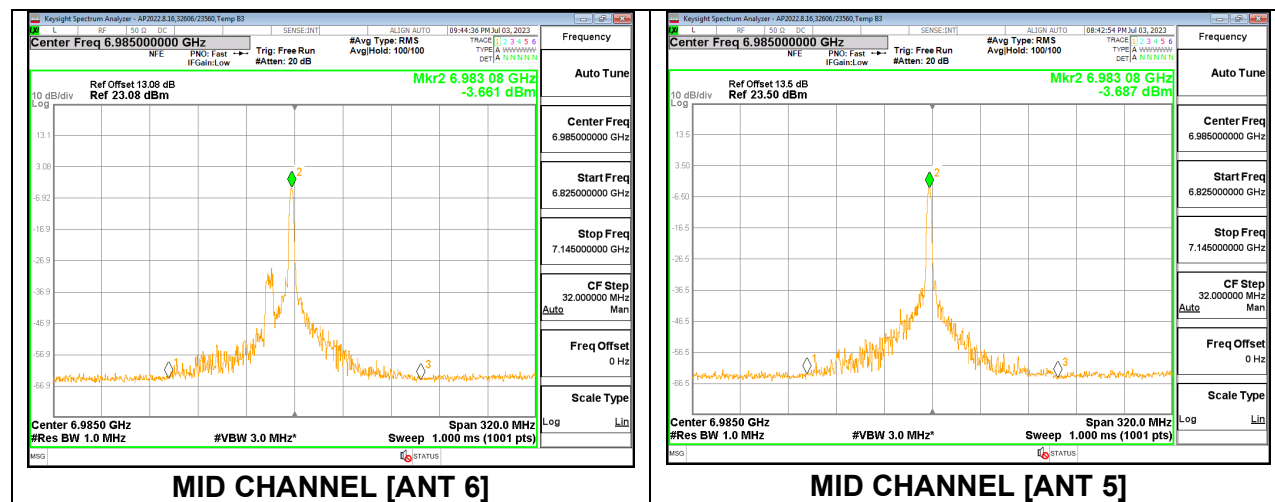
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Mid     | 6985               | -1.64                               | -1.65                               | -2.95                                  | 24.00                        | -26.95                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/ 1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Mid     | 6985               | -3.661                                 | -3.687                                 | -2.298                                     | -1.00                            | -1.298                |



**2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC + IC) – 26 Tones, RU Index S36**

|                       |           |
|-----------------------|-----------|
| <b>Test Engineer:</b> | 28502     |
| <b>Test Date:</b>     | 3/20/2023 |

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Mid     | 6985               | -4.32                                     | -1.63                                   | 24.00                        | -1.00                           |

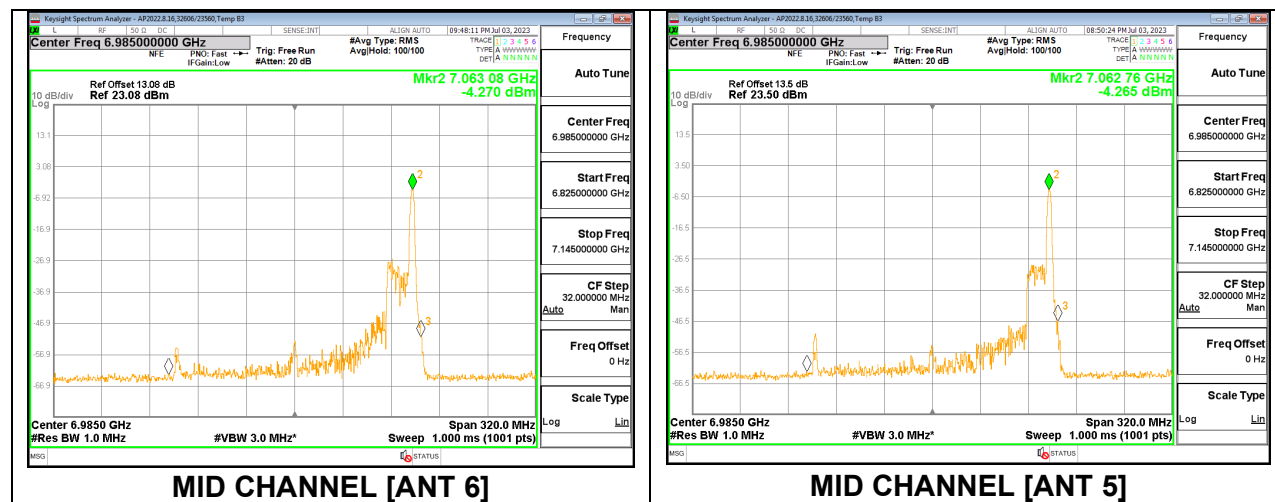
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Mid     | 6985               | -1.64                               | -1.70                               | -2.98                                  | 24.00                        | -26.98                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/ 1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Mid     | 6985               | -4.270                                 | -4.265                                 | -2.892                                     | -1.00                            | -1.892                |



## 2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC + IC) – SU Mode

|                |           |
|----------------|-----------|
| Test Engineer: | 28502     |
| Test Date:     | 3/17/2023 |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Mid     | 6985               | -4.32                                     | -1.63                                   | 24.00                        | -1.00                           |

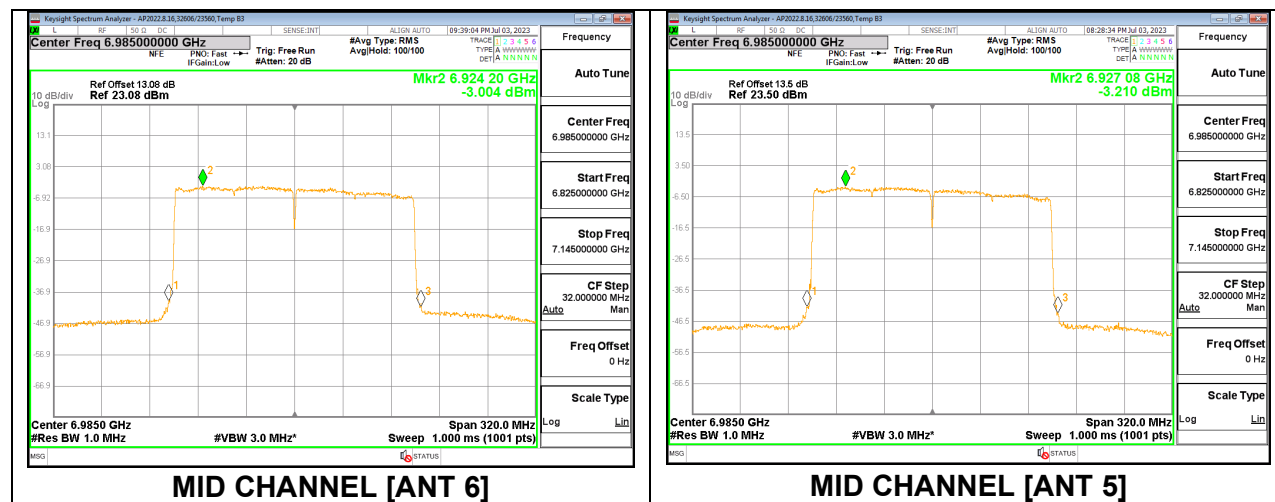
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.09 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Mid     | 6985               | 15.98                               | 15.96                               | 14.66                                  | 24.00                        | -9.34                   |

### PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/ 1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Mid     | 6985               | -3.004                                 | -3.210                                 | -1.640                                     | -1.00                            | -0.640                |



## 2TX Antenna 6 + Antenna 5 SDM MODE (FCC + IC) – 26 Tones, RU Index 0

|                |           |
|----------------|-----------|
| Test Engineer: | 28502     |
| Test Date:     | 5/26/2023 |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Mid     | 6985               | -4.32                                     | -4.32                                   | 24.00                        | -1.00                           |

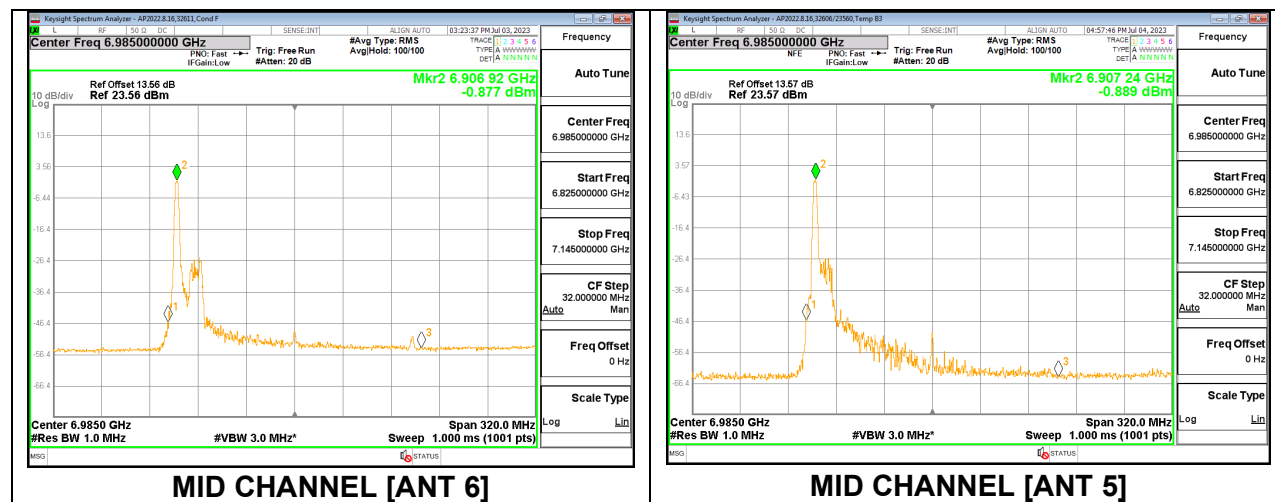
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Mid     | 6985               | 1.26                                | 1.22                                | -0.07                                  | 24.00                        | -24.07                  |

### PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/ 1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Mid     | 6985               | -0.877                                 | -0.889                                 | -2.190                                     | -1.00                            | -1.190                |



**2TX Antenna 6 + Antenna 5 SDM MODE (FCC + IC) – 26 Tones, RU Index 36**

|                       |           |
|-----------------------|-----------|
| <b>Test Engineer:</b> | 28502     |
| <b>Test Date:</b>     | 5/26/2023 |

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Mid     | 6985               | -4.32                                     | -4.32                                   | 24.00                        | -1.00                           |

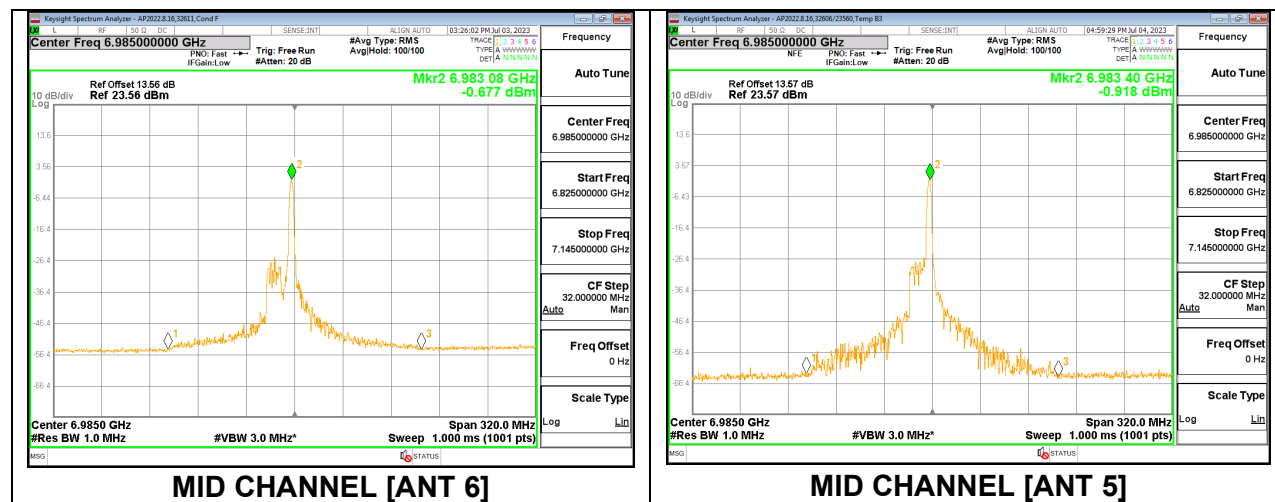
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Mid     | 6985               | 1.22                                | 1.27                                | -0.06                                  | 24.00                        | -24.06                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/ 1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Mid     | 6985               | -0.677                                 | -0.918                                 | -2.103                                     | -1.00                            | -1.103                |



## 2TX Antenna 6 + Antenna 5 SDM MODE (FCC + IC) – 26 Tones, RU Index S36

|                |           |
|----------------|-----------|
| Test Engineer: | 28502     |
| Test Date:     | 5/26/2023 |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Mid     | 6985               | -4.32                                     | -4.32                                   | 24.00                        | -1.00                           |

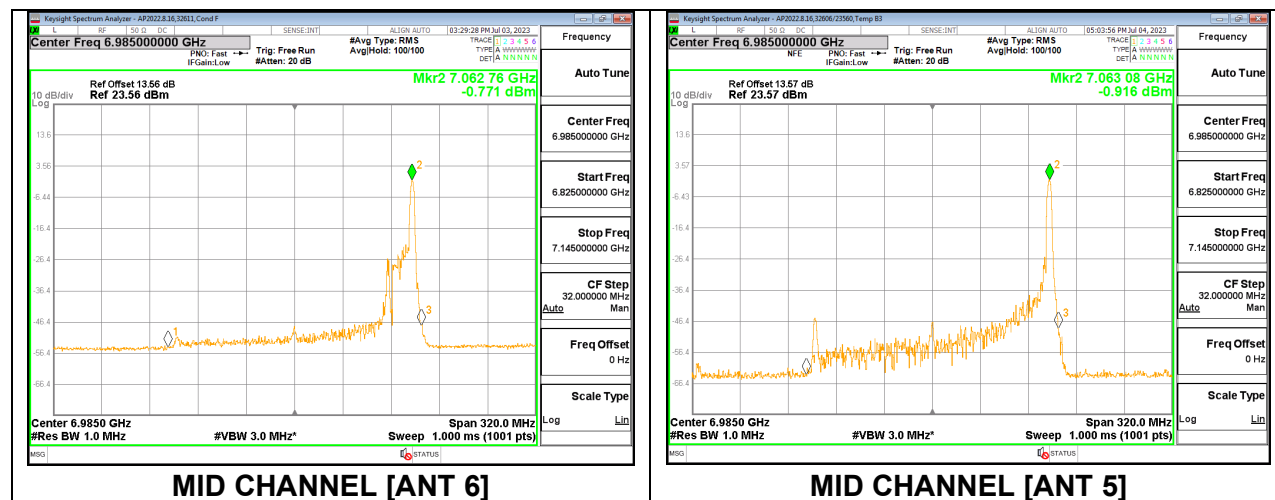
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Mid     | 6985               | 1.27                                | 1.24                                | -0.05                                  | 24.00                        | -24.05                  |

### PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/ 1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Mid     | 6985               | -0.771                                 | -0.916                                 | -2.150                                     | -1.00                            | -1.150                |



## 2TX Antenna 6 + Antenna 5 SDM MODE (FCC + IC) – SU Mode

|                |           |
|----------------|-----------|
| Test Engineer: | 32611     |
| Test Date:     | 6/20/2023 |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Mid     | 6985               | -4.32                                     | -4.32                                   | 24.00                        | -1.00                           |

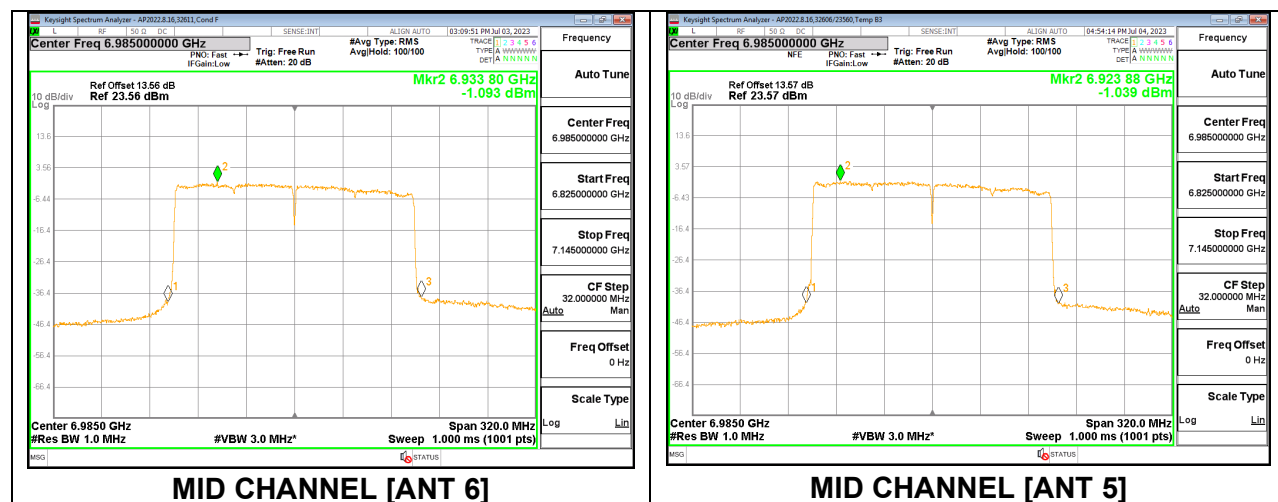
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.18 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Mid     | 6985               | 18.40                               | 18.48                               | 17.13                                  | 24.00                        | -6.87                   |

### PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/ 1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Mid     | 6985               | -1.093                                 | -1.039                                 | -2.193                                     | -1.00                            | -1.193                |



## **9.4. SP OUTPUT POWER AND PSD**

### **LIMITS**

#### **FCC §15.407**

Band 5.925-7.125 GHz

(7)For client devices, except for fixed client devices as defined in this subpart, operating under the control of a standard power access point in 5.925–6.425 GHz and 6.525–6.875 GHz bands, the maximum power spectral density must not exceed 17 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm and the device must limit its power to no more than 6 dB below its associated standard power access point's authorized transmit power.

### **TEST PROCEDURE**

The measurement method used for output power is KDB 789033 D02 v02r01, Section E.2.d (Method SA-2) was used.

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

### **DIRECTIONAL ANTENNA GAIN**

For 1 TX:

There is only one transmitter output therefore the directional gain is equal to the antenna gain.

For 2 TX:

Tx chains are uncorrelated for power and correlated for PSD due to the device supporting CDD in all MIMO modes. For the straddle channels, the higher antenna gains were chosen between two bands where straddle channels are located. The directional gains are as follows:

| Antenna Gain                   |                             |            |            |                        |                        |
|--------------------------------|-----------------------------|------------|------------|------------------------|------------------------|
| Frequency Range                | Sub-band                    | Antenna 6  | Antenna 5  | Uncorrelated Chains    | Correlated Chains      |
| (MHz)                          | (MHz)                       | Gain (dBi) | Gain (dBi) | Directional Gain (dBi) | Directional Gain (dBi) |
| 5925 - 6425<br>UNII-5          | Sub-band 1<br>(5955 - 6095) | -3.10      | -4.70      | -3.83                  | -0.85                  |
|                                | Sub-band 2<br>(6115 - 6255) | -1.50      | -4.20      | -2.64                  | 0.26                   |
|                                | Sub-band 3<br>(6275 - 6415) | -2.40      | -4.40      | -3.29                  | -0.33                  |
| 6425 - 6525<br>UNII-6          | N/A                         | -1.80      | -4.70      | -3.01                  | -0.12                  |
| UNII-6/7<br>(Straddle Channel) | N/A                         | -0.90      | -4.70      | -2.40                  | 0.42                   |
| 6525 - 6875<br>UNII-7          | N/A                         | -0.90      | -5.90      | -2.72                  | -0.03                  |
| UNII-7/8<br>(Straddle Channel) | N/A                         | -0.90      | -5.90      | -2.72                  | -0.03                  |
| 6875 - 7125<br>UNII-8          | N/A                         | -2.50      | -7.50      | -4.32                  | -1.63                  |

### **DIRECTIONAL GAIN CALCULATION:**

ANSI C63.10-2013 section 14.4.3

Uncorrelated directional gain= $10 \cdot \log((10^{(\text{Ant6}/10)} + 10^{(\text{Ant5}/10)})/2)$

Correlated directional Gain= $10 \cdot \log(((10^{(\text{Ant6}/20)} + 10^{(\text{Ant5}/20)})^2)/2)$

Sample Calculation at UNII-5 Band:

Ant6=-3.10, Ant5=-4.70

Uncorrelated Antenna gain= $10 \log[(10^{(-3.10/10)} + 10^{(-4.70/10)})/2] = -3.83 \text{ dBi}$

Correlated Antenna gain= $10 \log[(10^{(-3.10/20)} + 10^{(-4.70/20)})^2/2] = -0.85 \text{ dBi}$

**EIRP Calculation:**

**1Tx**

EIRP corr'd power = Ant6 + Antenna Gain

Sample Calculation at UNII-5 Band:

Ant6(low channel RU 0) Power=2.95 dBm

EIRP corr'd power = 2.95 + (-3.10) = -0.15 dBm

**2Tx**

EIRP corr'd power =  $10 \cdot \text{LOG}(10^{(\text{Ant6}/10)} + 10^{(\text{Ant5}/10)})$  + uncorrelated directional gain

Sample Calculation at UNII-5 Band:

Ant6(low channel RU 0) Power=-2.55 dBm, Ant5 Power=-2.54

EIRP corr'd power =  $10 \cdot \text{LOG}(10^{(-2.55/10)} + 10^{(-2.54/10)})$  + (-3.83) = -3.36 dBm

**EIRP PSD Calculation:**

**1Tx**

EIRP corr'd PSD = DCCF + Ant6 + Antenna Gain

Sample Calculation at UNII-5 Band:

Ant6(low channel RU 0) PSD= 0.519 dBm/1MHz

EIRP corr'd PSD = 0 + 0.519 + (-3.10) = -2.581 dBm/1MHz

**2Tx**

EIRP corr'd PSD =  $(10 \cdot \text{LOG}(10^{((\text{DCCF} + \text{Ant6})/10)} + 10^{((\text{DCCF} + \text{Ant5})/10)}))$  + correlated directional gain

Sample Calculation at UNII-5 Band:

Ant6(low channel RU 0) PSD=-5.319 dBm/1MHz, Ant5 PSD=-5.267 dBm/1MHz

EIRP corr'd PSD =  $(10 \cdot \text{LOG}(10^{((0 + (-5.319))/10)} + 10^{((0 + (-5.267))/10)}))$  + (-0.85) = -3.136 dBm/1MHz

### 9.4.1. 802.11ax HE20 MODE IN THE UNII-5 BAND

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

|                |          |
|----------------|----------|
| Test Engineer: | 32213    |
| Test Date:     | 6/8/2023 |

#### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|------------------------------|----------------------------------|
| Low     | 5955               | -3.10                        | 30.00                        | 17.00                            |
| Mid     | 6175               | -1.50                        | 30.00                        | 17.00                            |
| High    | 6415               | -2.40                        | 30.00                        | 17.00                            |

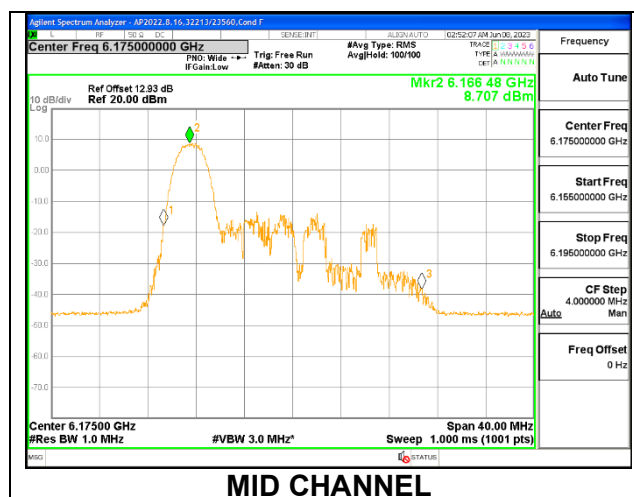
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

#### Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 5955               | 11.36                               | 8.26                                   | 30.00                        | -21.74                  |
| Mid     | 6175               | 11.46                               | 9.96                                   | 30.00                        | -20.04                  |
| High    | 6415               | 11.38                               | 8.98                                   | 30.00                        | -21.02                  |

#### PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Low     | 5955               | 8.787                                  | 5.687                                     | 17.00                            | -11.313               |
| Mid     | 6175               | 8.707                                  | 7.207                                     | 17.00                            | -9.793                |
| High    | 6415               | 8.835                                  | 6.435                                     | 17.00                            | -10.565               |



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

|                |          |
|----------------|----------|
| Test Engineer: | 32213    |
| Test Date:     | 6/8/2023 |

## Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|------------------------------|----------------------------------|
| Low     | 5955               | -3.10                        | 30.00                        | 17.00                            |
| Mid     | 6175               | -1.50                        | 30.00                        | 17.00                            |
| High    | 6415               | -2.40                        | 30.00                        | 17.00                            |

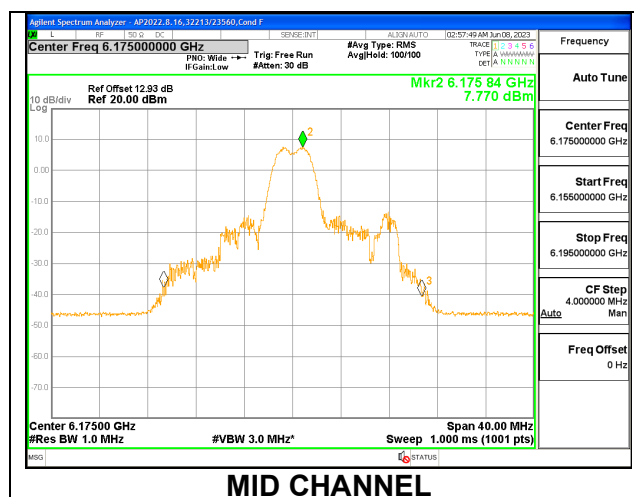
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 5955               | 11.46                               | 8.36                                   | 30.00                        | -21.64                  |
| Mid     | 6175               | 11.44                               | 9.94                                   | 30.00                        | -20.06                  |
| High    | 6415               | 11.49                               | 9.09                                   | 30.00                        | -20.91                  |

## PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Low     | 5955               | 8.075                                  | 4.975                                     | 17.00                            | -12.025               |
| Mid     | 6175               | 7.770                                  | 6.270                                     | 17.00                            | -10.730               |
| High    | 6415               | 8.127                                  | 5.727                                     | 17.00                            | -11.273               |



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

|                |          |
|----------------|----------|
| Test Engineer: | 32213    |
| Test Date:     | 6/8/2023 |

## Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|------------------------------|----------------------------------|
| Low     | 5955               | -3.10                        | 30.00                        | 17.00                            |
| Mid     | 6175               | -1.50                        | 30.00                        | 17.00                            |
| High    | 6415               | -2.40                        | 30.00                        | 17.00                            |

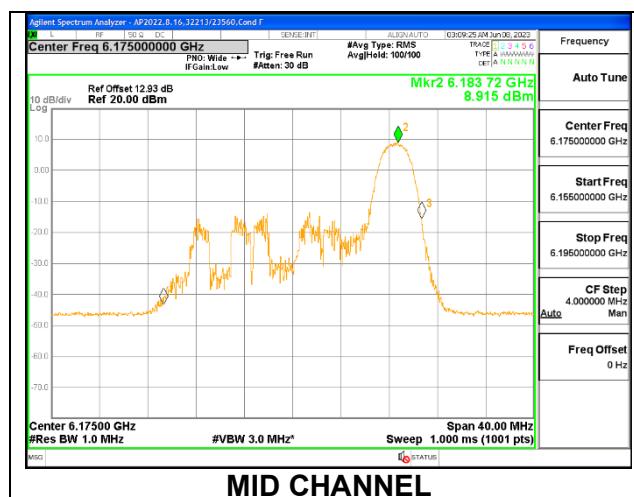
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 5955               | 11.46                               | 8.36                                   | 30.00                        | -21.64                  |
| Mid     | 6175               | 11.46                               | 9.96                                   | 30.00                        | -20.04                  |
| High    | 6415               | 11.48                               | 9.08                                   | 30.00                        | -20.92                  |

## PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Low     | 5955               | 9.059                                  | 5.959                                     | 17.00                            | -11.041               |
| Mid     | 6175               | 8.915                                  | 7.415                                     | 17.00                            | -9.585                |
| High    | 6415               | 9.246                                  | 6.846                                     | 17.00                            | -10.154               |



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

|                |          |
|----------------|----------|
| Test Engineer: | 32213    |
| Test Date:     | 6/7/2023 |

## Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|------------------------------|------------------------------|
| Low     | 5955               | -3.10                        | 30.00                        | 17.00                        |
| Mid     | 6175               | -1.50                        | 30.00                        | 17.00                        |
| High    | 6415               | -2.40                        | 30.00                        | 17.00                        |

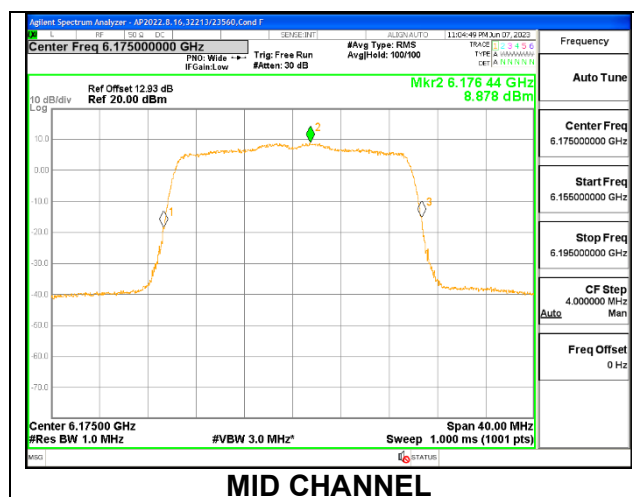
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 5955               | 19.47                               | 16.37                                  | 30.00                        | -13.63                  |
| Mid     | 6175               | 19.45                               | 17.95                                  | 30.00                        | -12.05                  |
| High    | 6415               | 19.44                               | 17.04                                  | 30.00                        | -12.96                  |

## PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Low     | 5955               | 9.168                                  | 6.068                                     | 17.00                            | -10.932               |
| Mid     | 6175               | 8.878                                  | 7.378                                     | 17.00                            | -9.622                |
| High    | 6415               | 9.159                                  | 6.759                                     | 17.00                            | -10.241               |



# 1TX Antenna 5 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 0

|                |          |
|----------------|----------|
| Test Engineer: | 32213    |
| Test Date:     | 6/8/2023 |

## Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|------------------------------|----------------------------------|
| Low     | 5955               | -4.70                        | 30.00                        | 17.00                            |
| Mid     | 6175               | -4.20                        | 30.00                        | 17.00                            |
| High    | 6415               | -4.40                        | 30.00                        | 17.00                            |

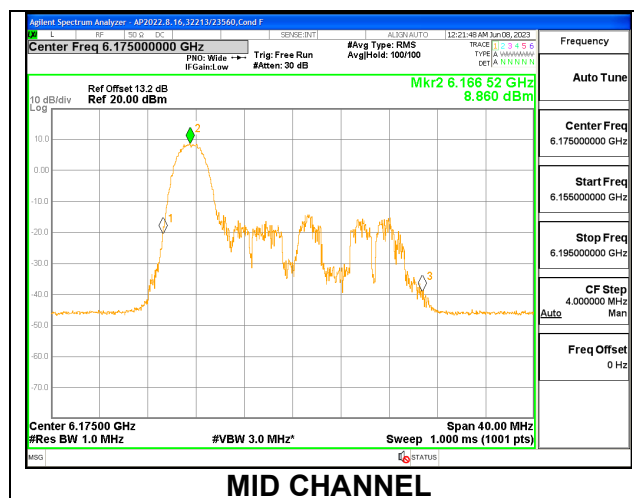
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 5955               | 11.43                               | 6.73                                   | 30.00                        | -23.27                  |
| Mid     | 6175               | 11.47                               | 7.27                                   | 30.00                        | -22.73                  |
| High    | 6415               | 11.43                               | 7.03                                   | 30.00                        | -22.97                  |

## PSD Results

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|---------------------------------|-----------------------|
| Low     | 5955               | 8.871                                  | 4.171                                     | 17.00                           | -12.829               |
| Mid     | 6175               | 8.860                                  | 4.660                                     | 17.00                           | -12.340               |
| High    | 6415               | 9.014                                  | 4.614                                     | 17.00                           | -12.386               |



# 1TX Antenna 5 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 4

|                |          |
|----------------|----------|
| Test Engineer: | 32213    |
| Test Date:     | 6/8/2023 |

## Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|------------------------------|----------------------------------|
| Low     | 5955               | -4.70                        | 30.00                        | 17.00                            |
| Mid     | 6175               | -4.20                        | 30.00                        | 17.00                            |
| High    | 6415               | -4.40                        | 30.00                        | 17.00                            |

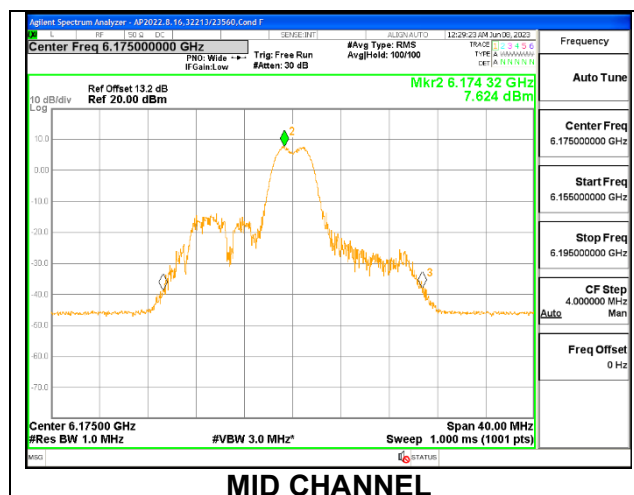
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 5955               | 11.45                               | 6.75                                   | 30.00                        | -23.25                  |
| Mid     | 6175               | 11.46                               | 7.26                                   | 30.00                        | -22.74                  |
| High    | 6415               | 11.46                               | 7.06                                   | 30.00                        | -22.94                  |

## PSD Results

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|---------------------------------|-----------------------|
| Low     | 5955               | 8.041                                  | 3.341                                     | 17.00                           | -13.659               |
| Mid     | 6175               | 7.624                                  | 3.424                                     | 17.00                           | -13.576               |
| High    | 6415               | 7.877                                  | 3.477                                     | 17.00                           | -13.523               |



# 1TX Antenna 5 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 8

|                |          |
|----------------|----------|
| Test Engineer: | 32213    |
| Test Date:     | 6/8/2023 |

## Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP ower<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|-----------------------------|----------------------------------|
| Low     | 5955               | -4.70                        | 30.00                       | 17.00                            |
| Mid     | 6175               | -4.20                        | 30.00                       | 17.00                            |
| High    | 6415               | -4.40                        | 30.00                       | 17.00                            |

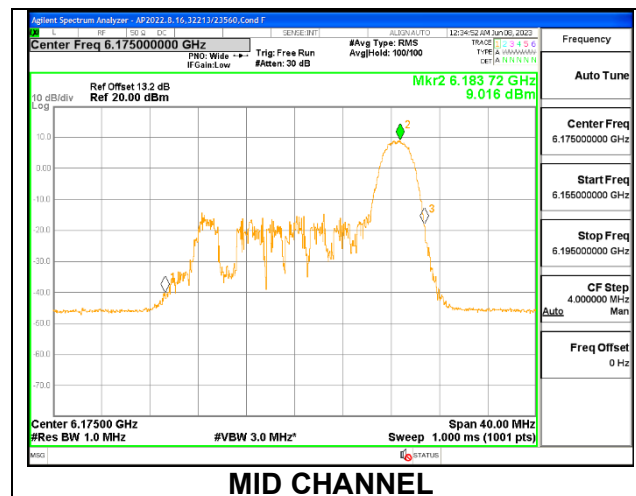
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 5955               | 11.39                               | 6.69                                   | 30.00                        | -23.31                  |
| Mid     | 6175               | 11.43                               | 7.23                                   | 30.00                        | -22.77                  |
| High    | 6415               | 11.47                               | 7.07                                   | 30.00                        | -22.93                  |

## PSD Results

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|---------------------------------|-----------------------|
| Low     | 5955               | 8.938                                  | 4.238                                     | 17.00                           | -12.762               |
| Mid     | 6175               | 9.016                                  | 4.816                                     | 17.00                           | -12.184               |
| High    | 6415               | 9.264                                  | 4.864                                     | 17.00                           | -12.136               |



# 1TX Antenna 5 MODE (FCC+IC) MOBILE – SU Mode

|                |          |
|----------------|----------|
| Test Engineer: | 32213    |
| Test Date:     | 6/7/2023 |

## Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|------------------------------|----------------------------------|
| Low     | 5955               | -4.70                        | 30.00                        | 17.00                            |
| Mid     | 6175               | -4.20                        | 30.00                        | 17.00                            |
| High    | 6415               | -4.40                        | 30.00                        | 17.00                            |

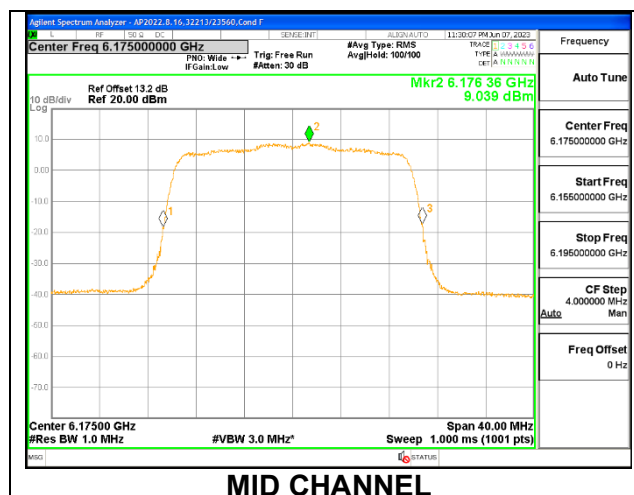
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 5955               | 19.46                               | 14.76                                  | 30.00                        | -15.24                  |
| Mid     | 6175               | 19.45                               | 15.25                                  | 30.00                        | -14.75                  |
| High    | 6415               | 19.46                               | 15.06                                  | 30.00                        | -14.94                  |

## PSD Results

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|---------------------------------|-----------------------|
| Low     | 5955               | 9.115                                  | 4.415                                     | 17.00                           | -12.585               |
| Mid     | 6175               | 9.039                                  | 4.839                                     | 17.00                           | -12.161               |
| High    | 6415               | 9.299                                  | 4.899                                     | 17.00                           | -12.101               |



**2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC+IC) MOBILE – 26 Tones, RU Index 0**

|                |          |
|----------------|----------|
| Test Engineer: | 32213    |
| Test Date:     | 6/8/2023 |

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Low     | 5955               | -3.83                                     | -0.85                                   | 30.00                        | 17.00                           |
| Mid     | 6175               | -2.64                                     | 0.26                                    | 30.00                        | 17.00                           |
| High    | 6415               | -3.29                                     | -0.33                                   | 30.00                        | 17.00                           |

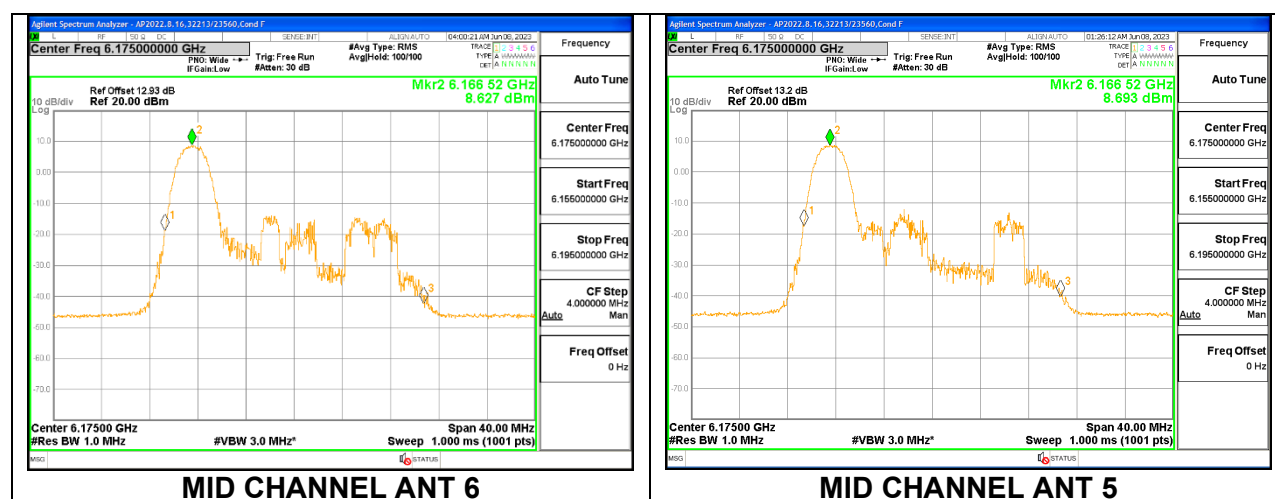
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 5955               | 11.47                               | 11.48                               | 10.66                                  | 30.00                        | -19.34                  |
| Mid     | 6175               | 11.45                               | 11.47                               | 11.83                                  | 30.00                        | -18.17                  |
| High    | 6415               | 11.46                               | 11.47                               | 11.19                                  | 30.00                        | -18.81                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|-------------------------------------------|---------------------------------|-----------------------|
| Low     | 5955               | 8.834                                  | 8.900                                  | 11.025                                    | 17.00                           | -5.975                |
| Mid     | 6175               | 8.627                                  | 8.693                                  | 11.935                                    | 17.00                           | -5.065                |
| High    | 6415               | 8.858                                  | 8.935                                  | 11.575                                    | 17.00                           | -5.425                |



**2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC+IC) MOBILE – 26 Tones, RU Index 4**

|                |          |
|----------------|----------|
| Test Engineer: | 32213    |
| Test Date:     | 6/8/2023 |

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Low     | 5955               | -3.83                                     | -0.85                                   | 30.00                        | 17.00                           |
| Mid     | 6175               | -2.64                                     | 0.26                                    | 30.00                        | 17.00                           |
| High    | 6415               | -3.29                                     | -0.33                                   | 30.00                        | 17.00                           |

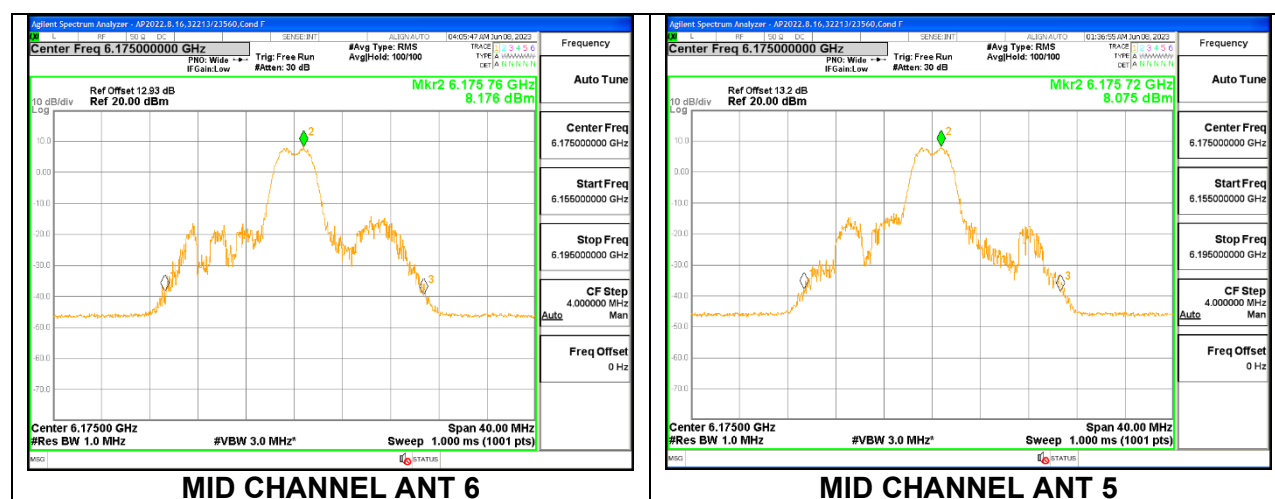
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 5955               | 11.48                               | 11.44                               | 10.64                                  | 30.00                        | -19.36                  |
| Mid     | 6175               | 11.48                               | 11.45                               | 11.83                                  | 30.00                        | -18.17                  |
| High    | 6415               | 11.41                               | 11.42                               | 11.14                                  | 30.00                        | -18.86                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|-------------------------------------------|---------------------------------|-----------------------|
| Low     | 5955               | 8.342                                  | 8.202                                  | 10.430                                    | 17.00                           | -6.570                |
| Mid     | 6175               | 8.176                                  | 8.075                                  | 11.401                                    | 17.00                           | -5.599                |
| High    | 6415               | 7.979                                  | 7.934                                  | 10.635                                    | 17.00                           | -6.365                |



**2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC+IC) MOBILE – 26 Tones, RU Index 8**

|                |          |
|----------------|----------|
| Test Engineer: | 32213    |
| Test Date:     | 6/8/2023 |

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Low     | 5955               | -3.83                                     | -0.85                                   | 30.00                        | 17.00                           |
| Mid     | 6175               | -2.64                                     | 0.26                                    | 30.00                        | 17.00                           |
| High    | 6415               | -3.29                                     | -0.33                                   | 30.00                        | 17.00                           |

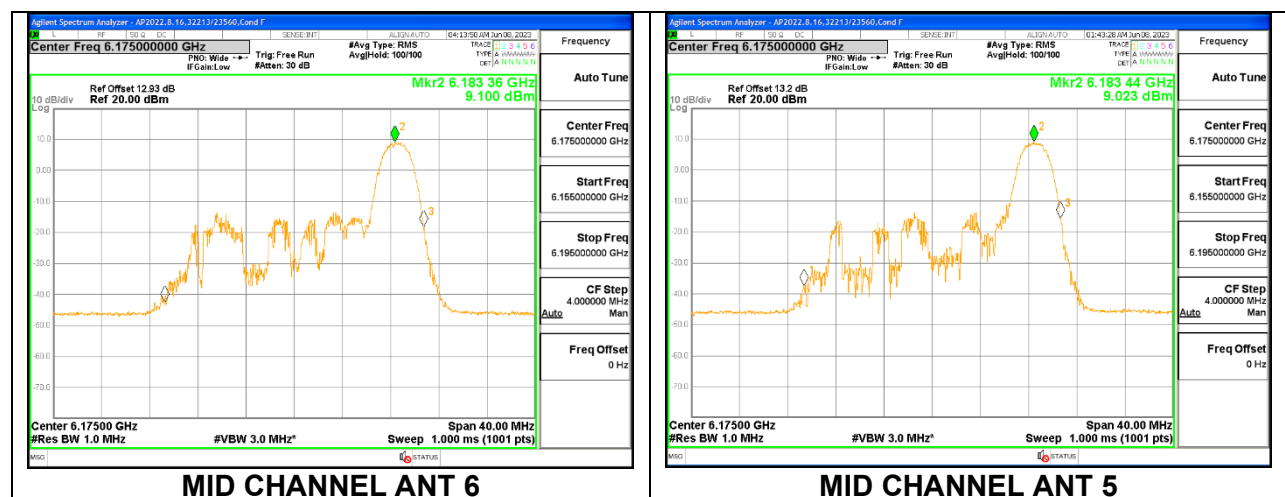
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 5955               | 11.42                               | 11.45                               | 10.62                                  | 30.00                        | -19.38                  |
| Mid     | 6175               | 11.46                               | 11.41                               | 11.80                                  | 30.00                        | -18.20                  |
| High    | 6415               | 11.41                               | 11.42                               | 11.14                                  | 30.00                        | -18.86                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|-------------------------------------------|---------------------------------|-----------------------|
| Low     | 5955               | 9.128                                  | 9.191                                  | 11.317                                    | 17.00                           | -5.683                |
| Mid     | 6175               | 9.100                                  | 9.023                                  | 12.337                                    | 17.00                           | -4.663                |
| High    | 6415               | 9.189                                  | 8.920                                  | 11.735                                    | 17.00                           | -5.265                |



## 2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC+IC) MOBILE – SU Mode

|                |          |
|----------------|----------|
| Test Engineer: | 32213    |
| Test Date:     | 6/8/2023 |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|---------------------------------|
| Low     | 5955               | -3.83                                     | -0.85                                   | 30.00                        | 17.00                           |
| Mid     | 6175               | -2.64                                     | 0.26                                    | 30.00                        | 17.00                           |
| High    | 6415               | -3.29                                     | -0.33                                   | 30.00                        | 17.00                           |

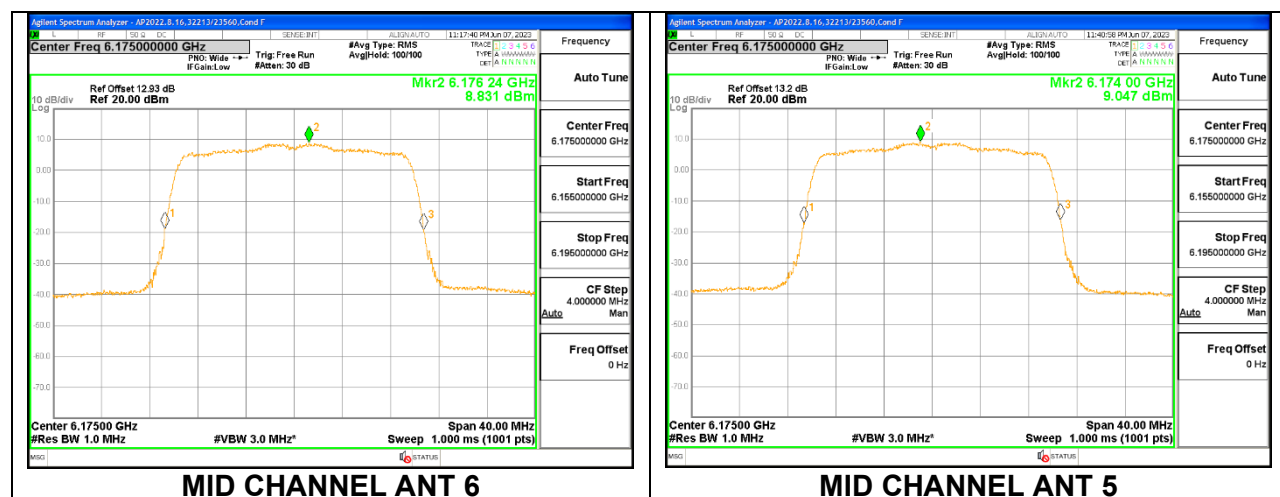
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 5955               | 19.40                               | 19.45                               | 18.61                                  | 30.00                        | -11.39                  |
| Mid     | 6175               | 19.33                               | 19.39                               | 19.73                                  | 30.00                        | -10.27                  |
| High    | 6415               | 19.45                               | 19.45                               | 19.17                                  | 30.00                        | -10.83                  |

### PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|-------------------------------------------|---------------------------------|-----------------------|
| Low     | 5955               | 9.243                                  | 9.276                                  | 11.417                                    | 17.00                           | -5.583                |
| Mid     | 6175               | 8.831                                  | 9.047                                  | 12.215                                    | 17.00                           | -4.785                |
| High    | 6415               | 9.224                                  | 9.272                                  | 11.926                                    | 17.00                           | -5.074                |



## 9.4.2. 802.11ax HE40 MODE IN THE UNII-5 BAND

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

|                |           |
|----------------|-----------|
| Test Engineer: | 32480     |
| Test Date:     | 6/14/2023 |

#### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|------------------------------|----------------------------------|
| Low     | 5965               | -3.10                        | 30.00                        | 17.00                            |
| Mid     | 6165               | -1.50                        | 30.00                        | 17.00                            |
| High    | 6405               | -2.40                        | 30.00                        | 17.00                            |

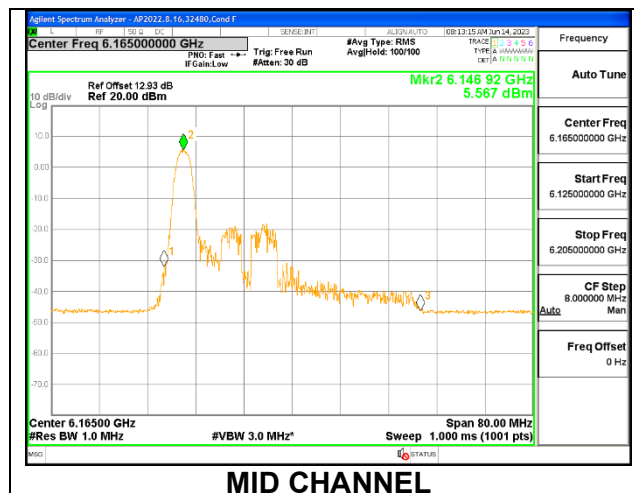
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

#### Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 5965               | 8.34                                | 5.24                                   | 30.00                        | -24.76                  |
| Mid     | 6165               | 8.36                                | 6.86                                   | 30.00                        | -23.14                  |
| High    | 6405               | 8.43                                | 6.03                                   | 30.00                        | -23.97                  |

#### PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Low     | 5965               | 5.787                                  | 2.687                                     | 17.00                            | -14.313               |
| Mid     | 6165               | 5.567                                  | 4.067                                     | 17.00                            | -12.933               |
| High    | 6405               | 5.359                                  | 2.959                                     | 17.00                            | -14.041               |



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

|                |           |
|----------------|-----------|
| Test Engineer: | 32480     |
| Test Date:     | 6/14/2023 |

## Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|------------------------------|----------------------------------|
| Low     | 5965               | -3.10                        | 30.00                        | 17.00                            |
| Mid     | 6165               | -1.50                        | 30.00                        | 17.00                            |
| High    | 6405               | -2.40                        | 30.00                        | 17.00                            |

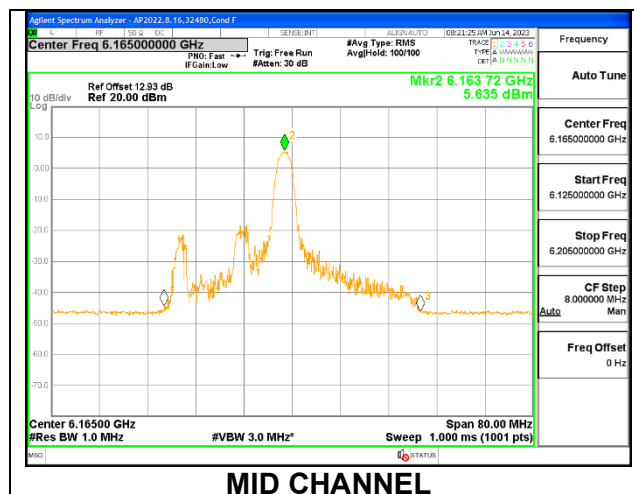
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 5965               | 8.34                                | 5.24                                   | 30.00                        | -24.76                  |
| Mid     | 6165               | 8.40                                | 6.90                                   | 30.00                        | -23.10                  |
| High    | 6405               | 8.28                                | 5.88                                   | 30.00                        | -24.12                  |

## PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Low     | 5965               | 5.808                                  | 2.708                                     | 17.00                            | -14.292               |
| Mid     | 6165               | 5.635                                  | 4.135                                     | 17.00                            | -12.865               |
| High    | 6405               | 5.432                                  | 3.032                                     | 17.00                            | -13.968               |



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

|                |           |
|----------------|-----------|
| Test Engineer: | 32480     |
| Test Date:     | 6/14/2023 |

## Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|------------------------------|----------------------------------|
| Low     | 5965               | -3.10                        | 30.00                        | 17.00                            |
| Mid     | 6165               | -1.50                        | 30.00                        | 17.00                            |
| High    | 6405               | -2.40                        | 30.00                        | 17.00                            |

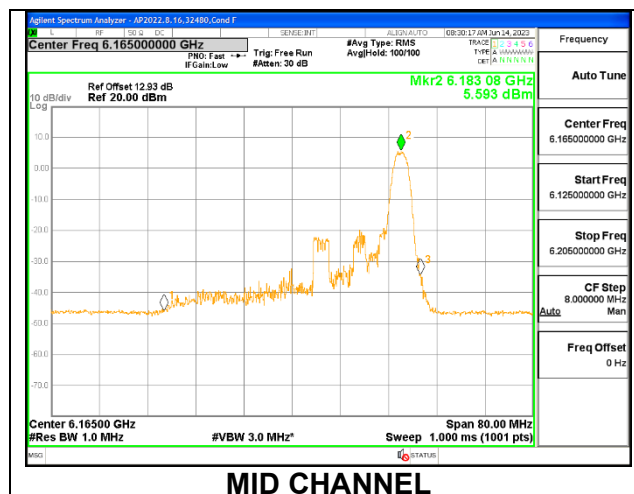
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 5965               | 8.44                                | 5.34                                   | 30.00                        | -24.66                  |
| Mid     | 6165               | 8.38                                | 6.88                                   | 30.00                        | -23.12                  |
| High    | 6405               | 8.41                                | 6.01                                   | 30.00                        | -23.99                  |

## PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Low     | 5965               | 5.787                                  | 2.687                                     | 17.00                            | -14.313               |
| Mid     | 6165               | 5.593                                  | 4.093                                     | 17.00                            | -12.907               |
| High    | 6405               | 5.643                                  | 3.243                                     | 17.00                            | -13.757               |



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

|                |           |
|----------------|-----------|
| Test Engineer: | 32480     |
| Test Date:     | 6/14/2023 |

## Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|------------------------------|----------------------------------|
| Low     | 5965               | -3.10                        | 30.00                        | 17.00                            |
| Mid     | 6165               | -1.50                        | 30.00                        | 17.00                            |
| High    | 6405               | -2.40                        | 30.00                        | 17.00                            |

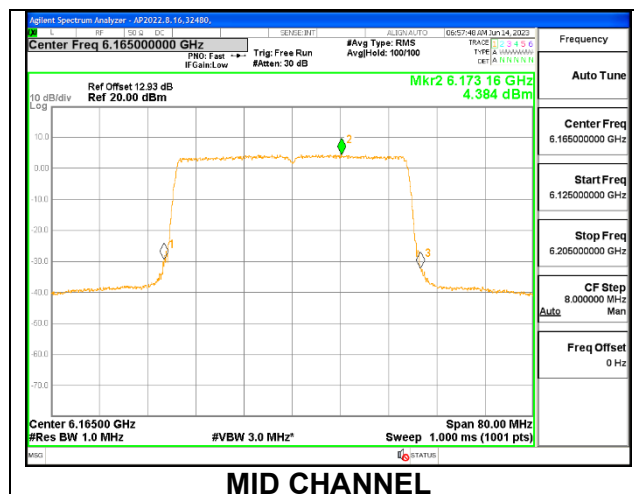
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 5965               | 19.35                               | 16.25                                  | 30.00                        | -13.75                  |
| Mid     | 6165               | 19.45                               | 17.95                                  | 30.00                        | -12.05                  |
| High    | 6405               | 19.44                               | 17.04                                  | 30.00                        | -12.96                  |

## PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Low     | 5965               | 4.783                                  | 1.683                                     | 17.00                            | -15.317               |
| Mid     | 6165               | 4.384                                  | 2.884                                     | 17.00                            | -14.116               |
| High    | 6405               | 4.498                                  | 2.098                                     | 17.00                            | -14.902               |



# 1TX Antenna 5 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 0

|                |           |
|----------------|-----------|
| Test Engineer: | 32480     |
| Test Date:     | 6/14/2023 |

## Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|------------------------------|----------------------------------|
| Low     | 5965               | -4.70                        | 30.00                        | 17.00                            |
| Mid     | 6165               | -4.20                        | 30.00                        | 17.00                            |
| High    | 6405               | -4.40                        | 30.00                        | 17.00                            |

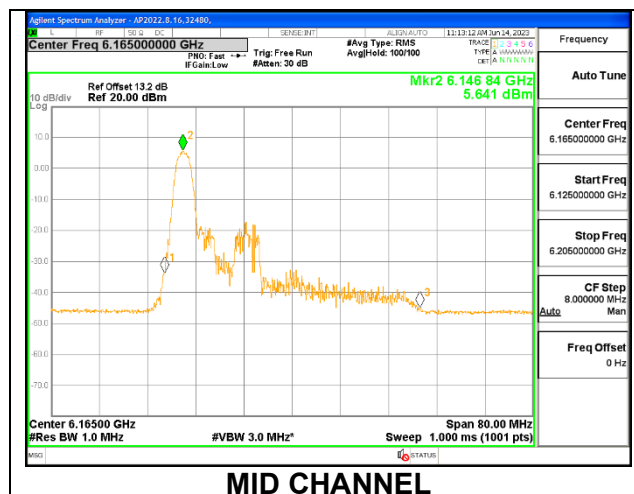
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 5965               | 8.32                                | 3.62                                   | 30.00                        | -26.38                  |
| Mid     | 6165               | 8.46                                | 4.26                                   | 30.00                        | -25.74                  |
| High    | 6405               | 8.26                                | 3.86                                   | 30.00                        | -26.14                  |

## PSD Results

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Low     | 5965               | 5.437                                  | 0.737                                     | 17.00                            | -16.263               |
| Mid     | 6165               | 5.641                                  | 1.441                                     | 17.00                            | -15.559               |
| High    | 6405               | 5.245                                  | 0.845                                     | 17.00                            | -16.155               |



# 1TX Antenna 5 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 8

|                |           |
|----------------|-----------|
| Test Engineer: | 32480     |
| Test Date:     | 6/14/2023 |

## Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|------------------------------|----------------------------------|
| Low     | 5965               | -4.70                        | 30.00                        | 17.00                            |
| Mid     | 6165               | -4.20                        | 30.00                        | 17.00                            |
| High    | 6405               | -4.40                        | 30.00                        | 17.00                            |

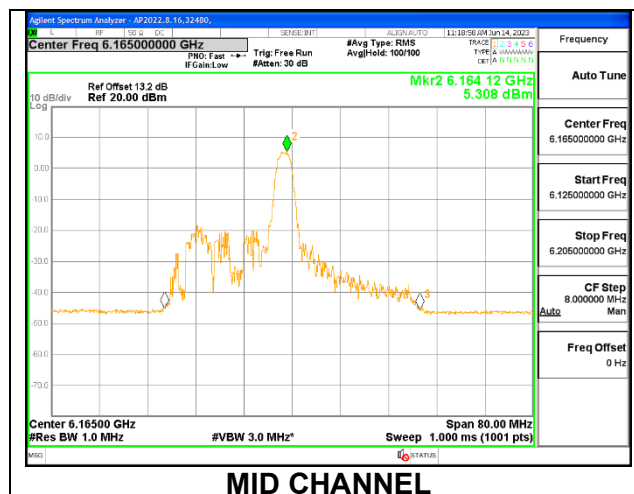
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 5965               | 8.38                                | 3.68                                   | 30.00                        | -26.32                  |
| Mid     | 6165               | 8.42                                | 4.22                                   | 30.00                        | -25.78                  |
| High    | 6405               | 8.35                                | 3.95                                   | 30.00                        | -26.05                  |

## PSD Results

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Low     | 5965               | 5.722                                  | 1.022                                     | 17.00                            | -15.978               |
| Mid     | 6165               | 5.308                                  | 1.108                                     | 17.00                            | -15.892               |
| High    | 6405               | 5.261                                  | 0.861                                     | 17.00                            | -16.139               |



# 1TX Antenna 5 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 17

|                |           |
|----------------|-----------|
| Test Engineer: | 32480     |
| Test Date:     | 6/14/2023 |

## Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP ower<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|-----------------------------|----------------------------------|
| Low     | 5965               | -4.70                        | 30.00                       | 17.00                            |
| Mid     | 6165               | -4.20                        | 30.00                       | 17.00                            |
| High    | 6405               | -4.40                        | 30.00                       | 17.00                            |

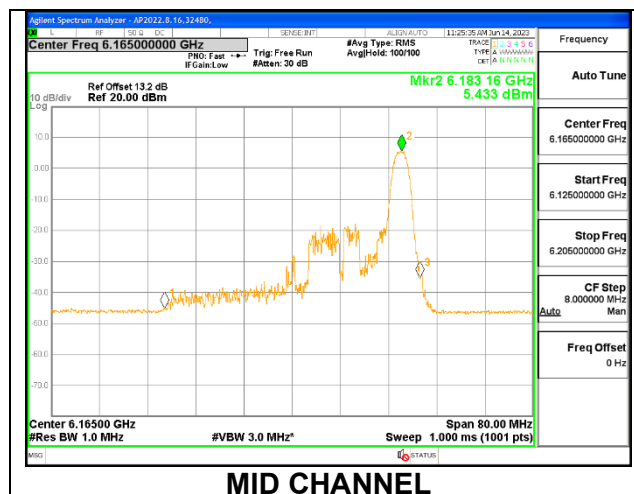
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 5965               | 8.35                                | 3.65                                   | 30.00                        | -26.35                  |
| Mid     | 6165               | 8.35                                | 4.15                                   | 30.00                        | -25.85                  |
| High    | 6405               | 8.38                                | 3.98                                   | 30.00                        | -26.02                  |

## PSD Results

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Low     | 5965               | 5.771                                  | 1.071                                     | 17.00                            | -15.929               |
| Mid     | 6165               | 5.433                                  | 1.233                                     | 17.00                            | -15.767               |
| High    | 6405               | 5.648                                  | 1.248                                     | 17.00                            | -15.752               |



# 1TX Antenna 5 MODE (FCC+IC) MOBILE – SU Mode

|                |           |
|----------------|-----------|
| Test Engineer: | 32480     |
| Test Date:     | 6/14/2023 |

## Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|------------------------------|------------------------------|------------------------------|
| Low     | 5965               | -4.70                        | 30.00                        | 17.00                        |
| Mid     | 6165               | -4.20                        | 30.00                        | 17.00                        |
| High    | 6405               | -4.40                        | 30.00                        | 17.00                        |

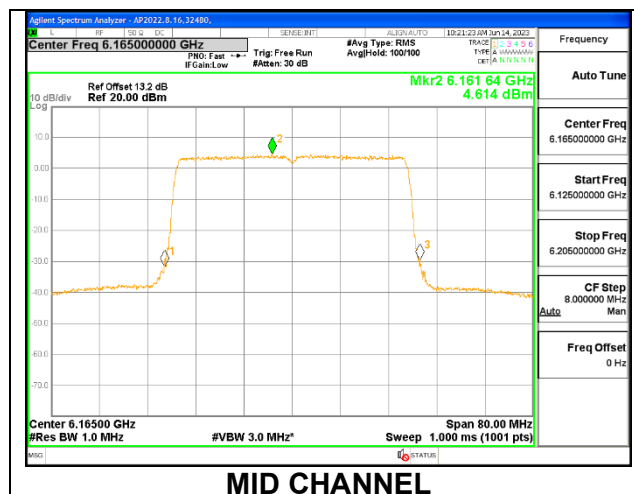
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 5965               | 19.48                               | 14.78                                  | 30.00                        | -15.22                  |
| Mid     | 6165               | 19.39                               | 15.19                                  | 30.00                        | -14.81                  |
| High    | 6405               | 19.41                               | 15.01                                  | 30.00                        | -14.99                  |

## PSD Results

| Channel | Frequency<br>(MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Low     | 5965               | 4.799                                  | 0.099                                     | 17.00                            | -16.901               |
| Mid     | 6165               | 4.614                                  | 0.414                                     | 17.00                            | -16.586               |
| High    | 6405               | 4.334                                  | -0.066                                    | 17.00                            | -17.066               |



**2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC+IC) MOBILE – 26 Tones, RU Index 0**

|                |           |
|----------------|-----------|
| Test Engineer: | 32480     |
| Test Date:     | 6/14/2023 |

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|----------------------------------|
| Low     | 5965               | -3.83                                     | -0.85                                   | 30.00                        | 17.00                            |
| Mid     | 6165               | -2.64                                     | 0.26                                    | 30.00                        | 17.00                            |
| High    | 6405               | -3.29                                     | -0.33                                   | 30.00                        | 17.00                            |

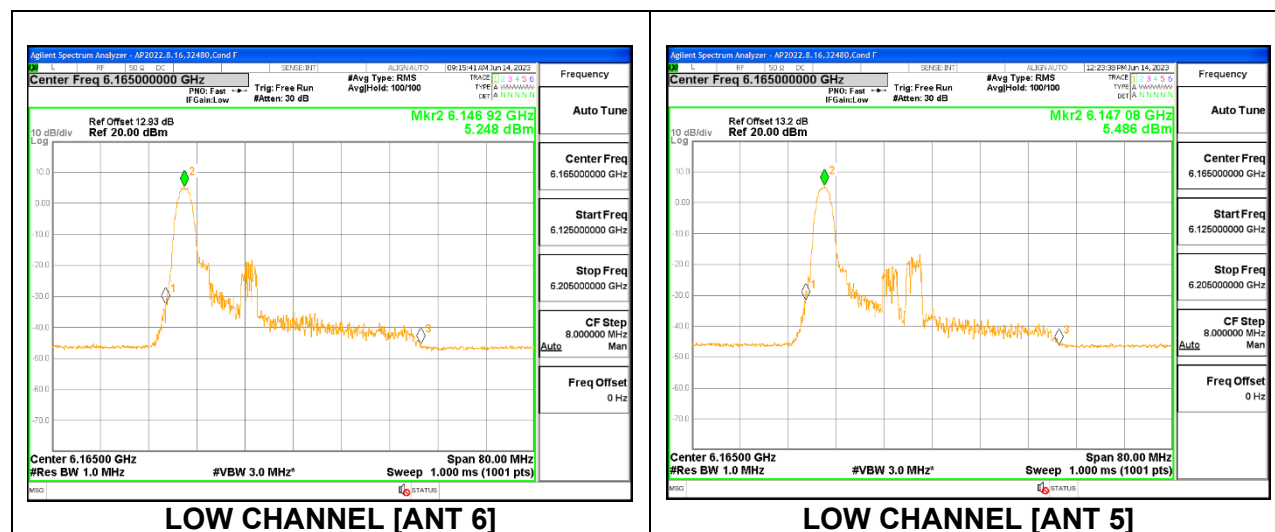
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 5965               | 8.40                                | 8.43                                | 7.60                                   | 30.00                        | -22.40                  |
| Mid     | 6165               | 8.39                                | 8.37                                | 8.75                                   | 30.00                        | -21.25                  |
| High    | 6405               | 8.42                                | 8.44                                | 8.15                                   | 30.00                        | -21.85                  |

**PSD Results**

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Low     | 5965               | 5.559                                  | 5.428                                  | 7.651                                     | 17.00                            | -9.349                |
| Mid     | 6165               | 5.248                                  | 5.486                                  | 8.644                                     | 17.00                            | -8.356                |
| High    | 6405               | 5.301                                  | 5.228                                  | 7.943                                     | 17.00                            | -9.057                |



## 2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC+IC) MOBILE – 26 Tones, RU Index 8

|                |           |
|----------------|-----------|
| Test Engineer: | 32480     |
| Test Date:     | 6/14/2023 |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|----------------------------------|
| Low     | 5965               | -3.83                                     | -0.85                                   | 30.00                        | 17.00                            |
| Mid     | 6165               | -2.64                                     | 0.26                                    | 30.00                        | 17.00                            |
| High    | 6405               | -3.29                                     | -0.33                                   | 30.00                        | 17.00                            |

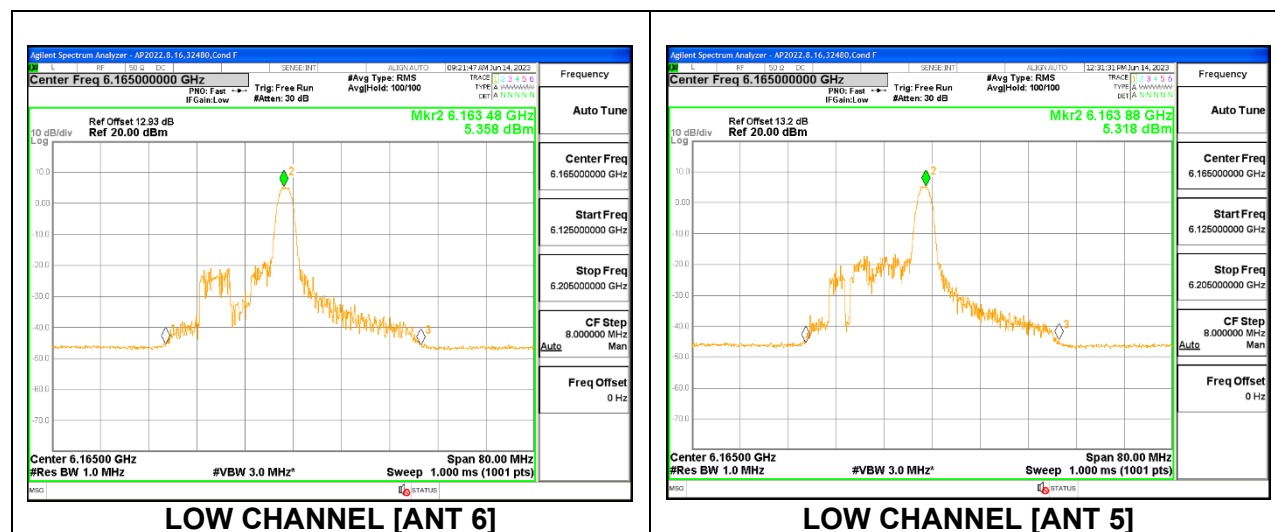
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 5965               | 8.44                                | 8.34                                | 7.57                                   | 30.00                        | -22.43                  |
| Mid     | 6165               | 8.46                                | 8.48                                | 8.84                                   | 30.00                        | -21.16                  |
| High    | 6405               | 8.44                                | 8.39                                | 8.14                                   | 30.00                        | -21.86                  |

### PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Low     | 5965               | 5.534                                  | 5.527                                  | 7.688                                     | 17.00                            | -9.312                |
| Mid     | 6165               | 5.358                                  | 5.318                                  | 8.613                                     | 17.00                            | -8.387                |
| High    | 6405               | 5.404                                  | 5.427                                  | 8.094                                     | 17.00                            | -8.906                |



## 2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC+IC) MOBILE – 26 Tones, RU Index 17

|                |           |
|----------------|-----------|
| Test Engineer: | 32480     |
| Test Date:     | 6/14/2023 |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|----------------------------------|
| Low     | 5965               | -3.83                                     | -0.85                                   | 30.00                        | 17.00                            |
| Mid     | 6165               | -2.64                                     | 0.26                                    | 30.00                        | 17.00                            |
| High    | 6405               | -3.29                                     | -0.33                                   | 30.00                        | 17.00                            |

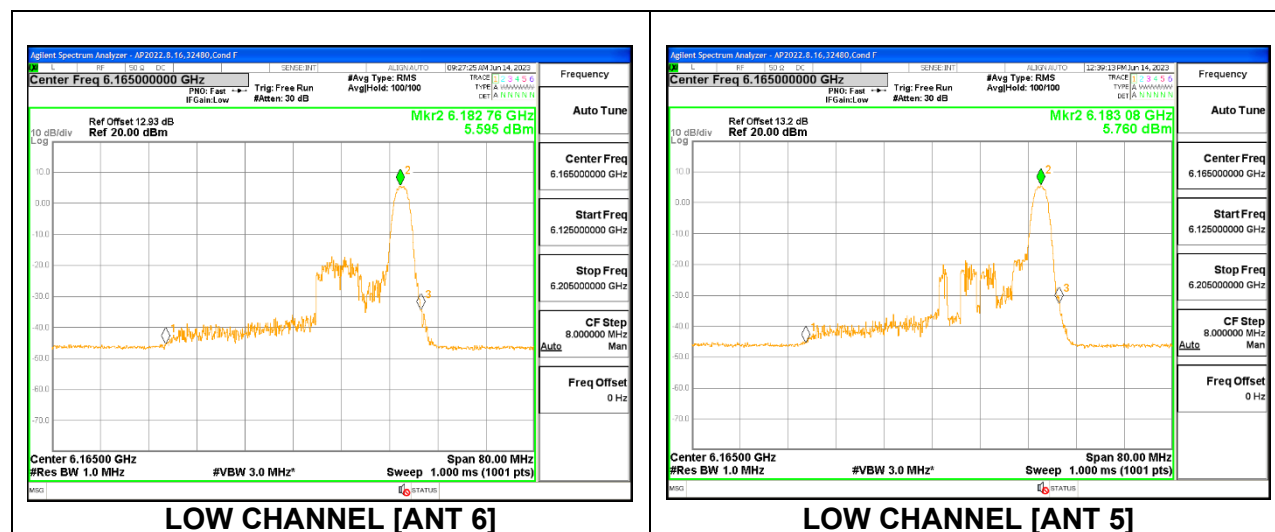
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 5965               | 8.47                                | 8.45                                | 7.64                                   | 30.00                        | -22.36                  |
| Mid     | 6165               | 8.41                                | 8.39                                | 8.77                                   | 30.00                        | -21.23                  |
| High    | 6405               | 8.42                                | 8.47                                | 8.17                                   | 30.00                        | -21.83                  |

### PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Low     | 5965               | 5.522                                  | 5.538                                  | 7.687                                     | 17.00                            | -9.313                |
| Mid     | 6165               | 5.595                                  | 5.760                                  | 8.953                                     | 17.00                            | -8.047                |
| High    | 6405               | 5.581                                  | 5.346                                  | 8.143                                     | 17.00                            | -8.857                |



## 2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC+IC) MOBILE – SU Mode

|                |           |
|----------------|-----------|
| Test Engineer: | 32480     |
| Test Date:     | 6/14/2023 |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|------------------------------|----------------------------------|
| Low     | 5965               | -3.83                                     | -0.85                                   | 30.00                        | 17.00                            |
| Mid     | 6165               | -2.64                                     | 0.26                                    | 30.00                        | 17.00                            |
| High    | 6405               | -3.29                                     | -0.33                                   | 30.00                        | 17.00                            |

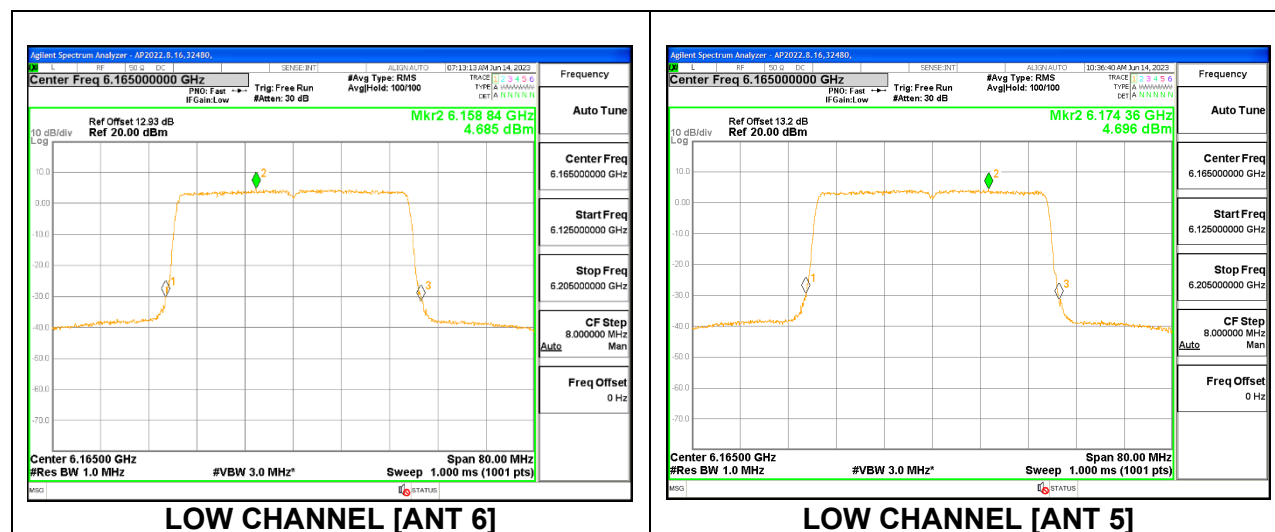
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Antenna 5<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 5965               | 19.41                               | 19.46                               | 18.62                                  | 30.00                        | -11.38                  |
| Mid     | 6165               | 19.48                               | 19.46                               | 19.84                                  | 30.00                        | -10.16                  |
| High    | 6405               | 19.40                               | 19.44                               | 19.14                                  | 30.00                        | -10.86                  |

### PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Antenna 5<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Low     | 5965               | 4.836                                  | 4.836                                  | 6.993                                     | 17.00                            | -10.007               |
| Mid     | 6165               | 4.685                                  | 4.696                                  | 7.966                                     | 17.00                            | -9.034                |
| High    | 6405               | 4.757                                  | 4.634                                  | 7.374                                     | 17.00                            | -9.626                |



### 9.4.3. 802.11ax HE80 MODE IN THE UNII-5 BAND

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

|                |           |
|----------------|-----------|
| Test Engineer: | 32480     |
| Test Date:     | 6/14/2023 |

#### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|-------------------------------------------|------------------------------|----------------------------------|
| Low     | 5985               | -3.10                                     | 30.00                        | 17.00                            |
| Mid     | 6145               | -1.50                                     | 30.00                        | 17.00                            |
| High    | 6385               | -2.40                                     | 30.00                        | 17.00                            |

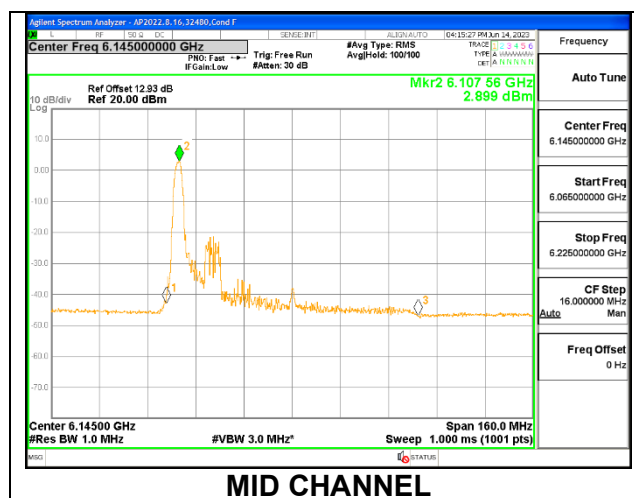
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

#### Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 5985               | 5.41                                | 2.31                                   | 30.00                        | -27.69                  |
| Mid     | 6145               | 5.44                                | 3.94                                   | 30.00                        | -26.06                  |
| High    | 6385               | 5.41                                | 3.01                                   | 30.00                        | -26.99                  |

#### PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Low     | 5985               | 2.555                                  | -0.545                                    | 17.00                            | -17.545               |
| Mid     | 6145               | 2.899                                  | 1.399                                     | 17.00                            | -15.601               |
| High    | 6385               | 2.693                                  | 0.293                                     | 17.00                            | -16.707               |



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

|                |           |
|----------------|-----------|
| Test Engineer: | 32480     |
| Test Date:     | 6/14/2023 |

## Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|-------------------------------------------|------------------------------|----------------------------------|
| Low     | 5985               | -3.10                                     | 30.00                        | 17.00                            |
| Mid     | 6145               | -1.50                                     | 30.00                        | 17.00                            |
| High    | 6385               | -2.40                                     | 30.00                        | 17.00                            |

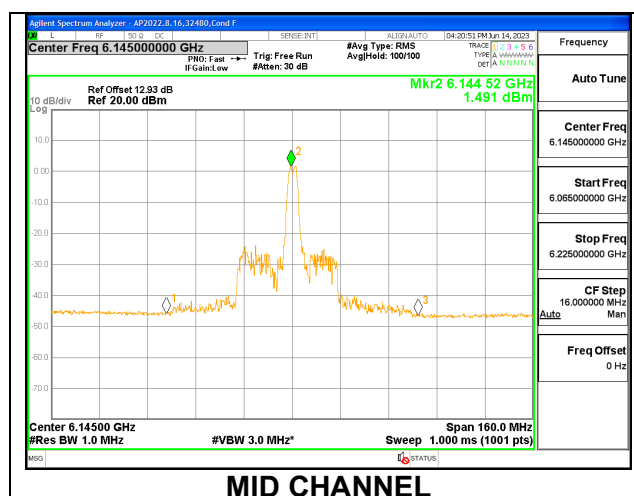
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

## Output Power Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>Power<br>(dBm) | Total EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 5985               | 5.44                                | 2.34                                   | 30.00                        | -27.66                  |
| Mid     | 6145               | 5.47                                | 3.97                                   | 30.00                        | -26.03                  |
| High    | 6385               | 5.41                                | 3.01                                   | 30.00                        | -26.99                  |

## PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Low     | 5985               | 1.515                                  | -1.585                                    | 17.00                            | -18.585               |
| Mid     | 6145               | 1.491                                  | -0.009                                    | 17.00                            | -17.009               |
| High    | 6385               | 1.489                                  | -0.911                                    | 17.00                            | -17.911               |



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

|                |           |
|----------------|-----------|
| Test Engineer: | 32480     |
| Test Date:     | 6/14/2023 |

## Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | EIRP Power<br>Limit<br>(dBm) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) |
|---------|--------------------|-------------------------------------------|------------------------------|----------------------------------|
| Low     | 5985               | -3.10                                     | 30.00                        | 17.00                            |
| Mid     | 6145               | -1.50                                     | 30.00                        | 17.00                            |
| High    | 6385               | -2.40                                     | 30.00                        | 17.00                            |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| 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 EIRP<br>Corr'd<br>Power<br>(dBm) | EIRP Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-------------------------------------|----------------------------------------|------------------------------|-------------------------|
| Low     | 5985               | 5.41                                | 2.31                                   | 30.00                        | -27.69                  |
| Mid     | 6145               | 5.44                                | 3.94                                   | 30.00                        | -26.06                  |
| High    | 6385               | 5.43                                | 3.03                                   | 30.00                        | -26.97                  |

## PSD Results

| Channel | Frequency<br>(MHz) | Antenna 6<br>Meas<br>PSD<br>(dBm/1MHz) | Total EIRP<br>Corr'd<br>PSD<br>(dBm/1MHz) | EIRP PSD<br>Limit<br>(dBm/ 1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------|-----------------------|
| Low     | 5985               | 3.002                                  | -0.098                                    | 17.00                            | -17.098               |
| Mid     | 6145               | 2.621                                  | 1.121                                     | 17.00                            | -15.879               |
| High    | 6385               | 2.901                                  | 0.501                                     | 17.00                            | -16.499               |

