

**9.5.7. 802.11be EHT40 MODE IN THE 5.2 GHz BAND (Low Gain)**  
**2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T Low Gain**

|                       |                               |
|-----------------------|-------------------------------|
| <b>Test Engineer:</b> | 104412/21193,<br>104493/85502 |
| <b>Test Date:</b>     | 2024-07-01, 2024-08-06        |

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Low     | 5190               | 5.20                                      | 8.21                                    | 24.00                   | 8.79                           |
| High    | 5230               | 5.20                                      | 8.21                                    | 24.00                   | 8.79                           |

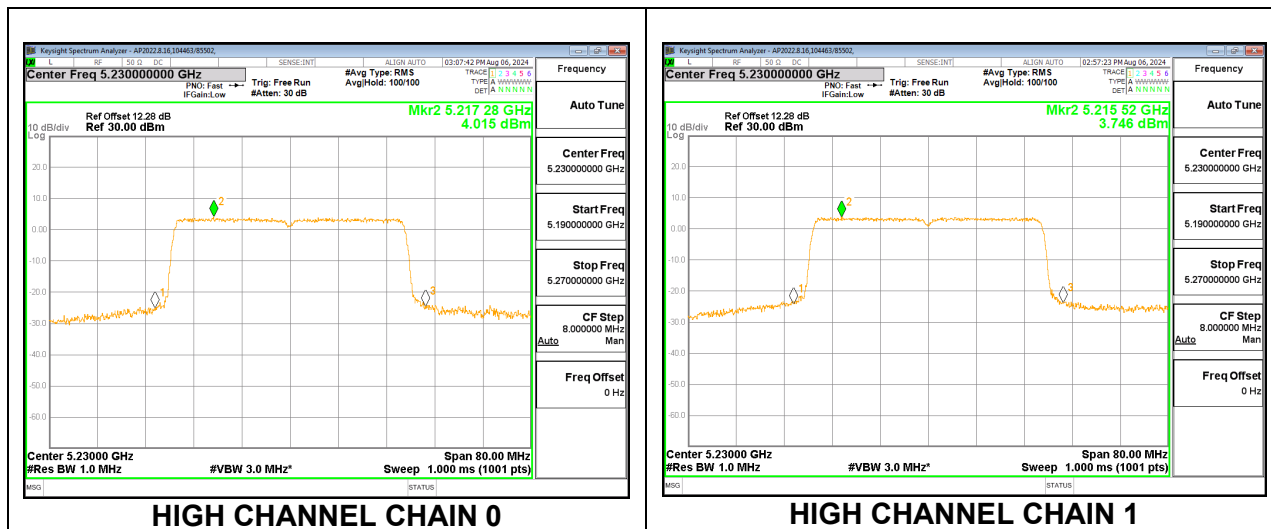
|                           |      |                                                |
|---------------------------|------|------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | Included in Calculations of Corr'd Power & PSD |
|---------------------------|------|------------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 12.22                             | 12.60                             | 15.42                             | 24.00                   | -8.58                   |
| High    | 5230               | 16.29                             | 16.77                             | 19.55                             | 24.00                   | -4.45                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 3.687                                    | 3.120                                    | 6.42                                     | 8.79                           | -2.37                 |
| High    | 5230               | 4.015                                    | 3.746                                    | 6.89                                     | 8.79                           | -1.90                 |



2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T Low Gain

|                |                               |
|----------------|-------------------------------|
| Test Engineer: | 104412/21193,<br>105900/84740 |
| Test Date:     | 2024-07-01, 2024-08-07        |

Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Low     | 5190               | 37.9090                   | 5.20                                      | 8.21                                    | 23.00                           | 17.80                   | 10.00                                  | 1.79                           |
| High    | 5230               | 38.0770                   | 5.20                                      | 8.21                                    | 23.00                           | 17.80                   | 10.00                                  | 1.79                           |

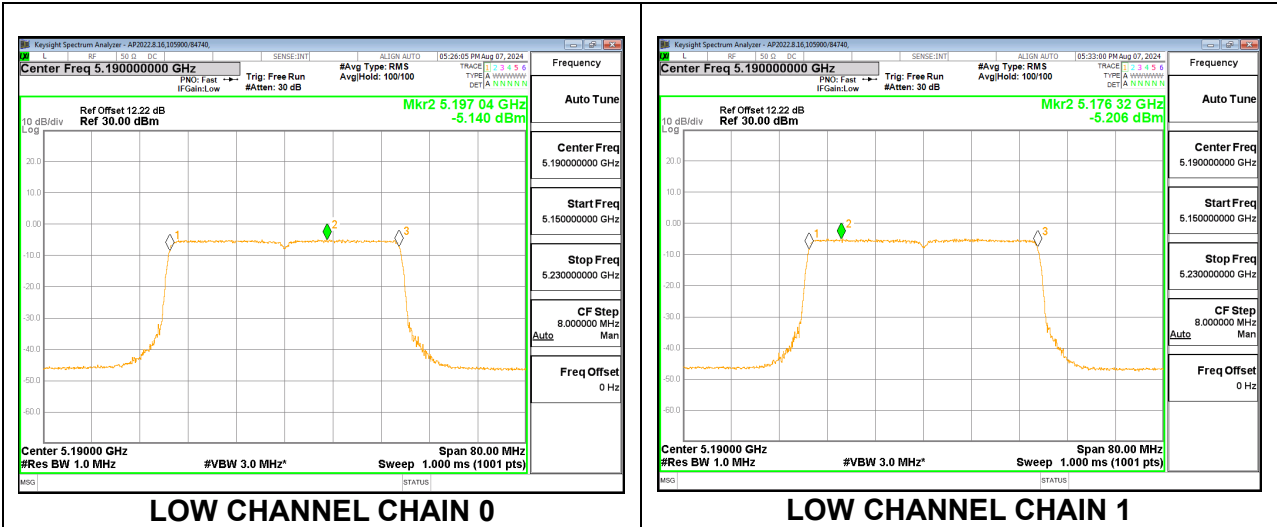
|                    |      |                                                |
|--------------------|------|------------------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd Power & PSD |
|--------------------|------|------------------------------------------------|

Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| Low     | 5190               | 11.49                             | 11.41                             | 19.66                            | 23.00                  | -3.34                   |
| High    | 5230               | 11.43                             | 11.50                             | 19.68                            | 23.00                  | -3.32                   |

PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | -5.140                                   | -5.206                                   | -2.16                                    | 1.79                           | -3.95                 |
| High    | 5230               | -5.059                                   | -5.433                                   | -2.23                                    | 1.79                           | -4.02                 |



## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T Mid Gain

|                |                        |
|----------------|------------------------|
| Test Engineer: | 33499/84740            |
| Test Date:     | 2024-08-28, 2024-09-05 |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Low     | 5190               | 7.30                                      | 10.31                                   | 22.70                   | 6.69                           |
| High    | 5230               | 7.30                                      | 10.31                                   | 22.70                   | 6.69                           |

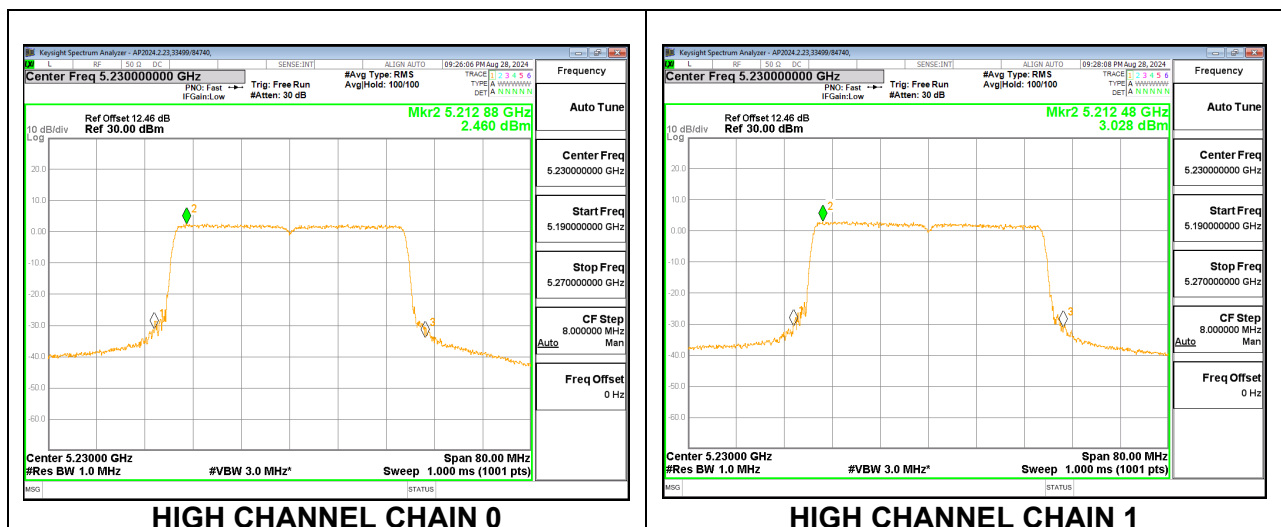
|                    |      |                                                |
|--------------------|------|------------------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd Power & PSD |
|--------------------|------|------------------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 12.84                             | 12.39                             | 15.63                             | 22.70                   | -7.07                   |
| High    | 5230               | 15.36                             | 14.97                             | 18.18                             | 22.70                   | -4.52                   |

### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 2.551                                    | 2.946                                    | 5.76                                     | 6.69                           | -0.93                 |
| High    | 5230               | 2.460                                    | 3.028                                    | 5.76                                     | 6.69                           | -0.93                 |



## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T Mid Gain

|                |                           |
|----------------|---------------------------|
| Test Engineer: | 33499/84740, 105900/84740 |
| Test Date:     | 2024-08-28, 2024-09-09    |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Low     | 5190               | 37.9090                   | 7.30                                      | 10.31                                   | 23.00                           | 15.70                   | 10.00                                  | -0.31                          |
| High    | 5230               | 38.0770                   | 7.30                                      | 10.31                                   | 23.00                           | 15.70                   | 10.00                                  | -0.31                          |

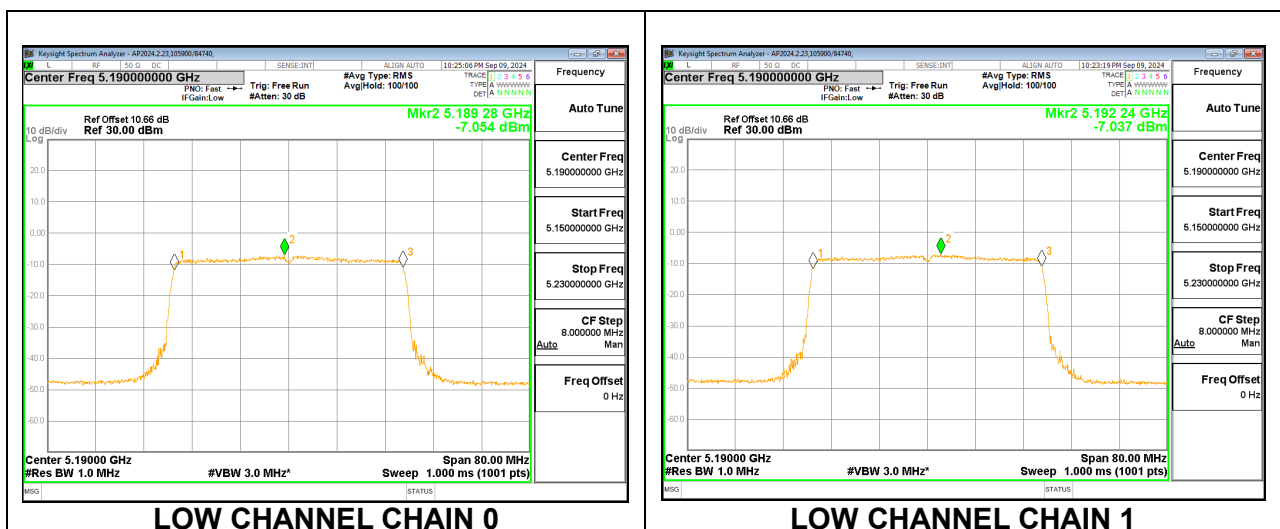
|                    |      |                                                |
|--------------------|------|------------------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd Power & PSD |
|--------------------|------|------------------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| Low     | 5190               | 9.67                              | 9.50                              | 19.90                            | 23.00                  | -3.10                   |
| High    | 5230               | 9.60                              | 9.51                              | 19.87                            | 23.00                  | -3.13                   |

### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | -7.054                                   | -7.037                                   | -4.04                                    | -0.31                          | -3.73                 |
| High    | 5230               | -7.122                                   | -7.023                                   | -4.06                                    | -0.31                          | -3.75                 |



2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T High Gain

|                |                               |
|----------------|-------------------------------|
| Test Engineer: | 104412/21193,<br>104493/85502 |
| Test Date:     | 2024-08-06, 2024-08-13        |

Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|--------------------------------|
| Low     | 5190               | 8.66                                      | 11.67                                   | 21.34                   | 5.33                           |
| High    | 5230               | 8.66                                      | 11.67                                   | 21.34                   | 5.33                           |

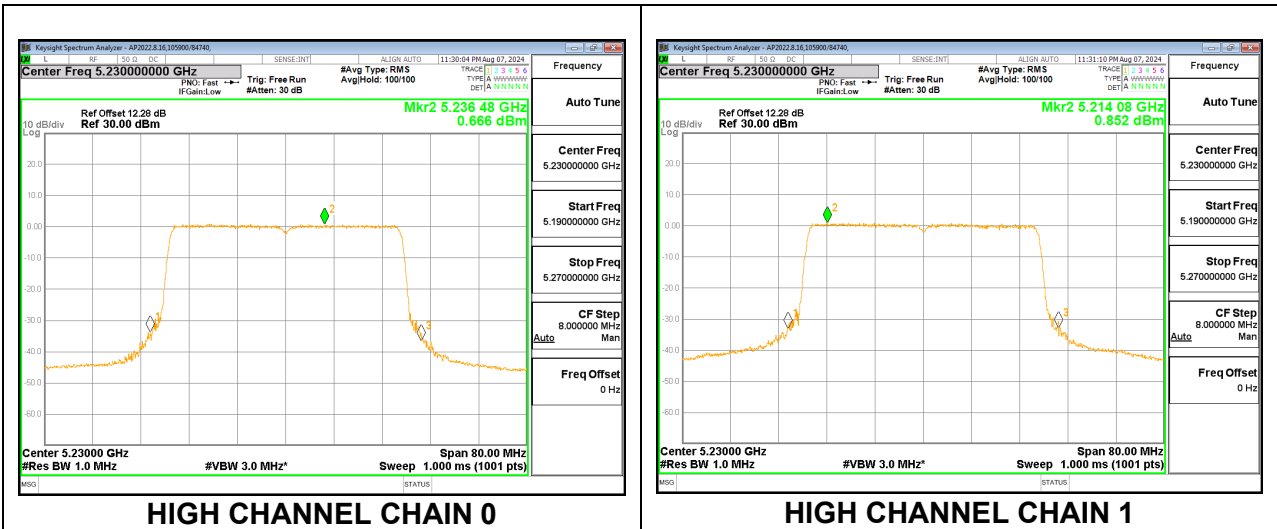
|                    |      |                                                |
|--------------------|------|------------------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd Power & PSD |
|--------------------|------|------------------------------------------------|

Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5190               | 12.00                             | 12.21                             | 15.12                             | 21.34                   | -6.22                   |
| High    | 5230               | 14.39                             | 14.16                             | 17.29                             | 21.34                   | -4.05                   |

PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | 0.866                                    | -0.050                                   | 3.44                                     | 5.33                           | -1.89                 |
| High    | 5230               | 0.666                                    | 0.852                                    | 3.77                                     | 5.33                           | -1.56                 |



## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T High Gain

|                |                               |
|----------------|-------------------------------|
| Test Engineer: | 104412/21193,<br>105900/84740 |
| Test Date:     | 2024-08-07, 2024-08-13        |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | EIRP<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|----------------------------------------|--------------------------------|
| Low     | 5190               | 37.9090                   | 8.66                                      | 11.67                                   | 23.00                           | 14.34                   | 10.00                                  | -1.67                          |
| High    | 5230               | 38.0770                   | 8.66                                      | 11.67                                   | 23.00                           | 14.34                   | 10.00                                  | -1.67                          |

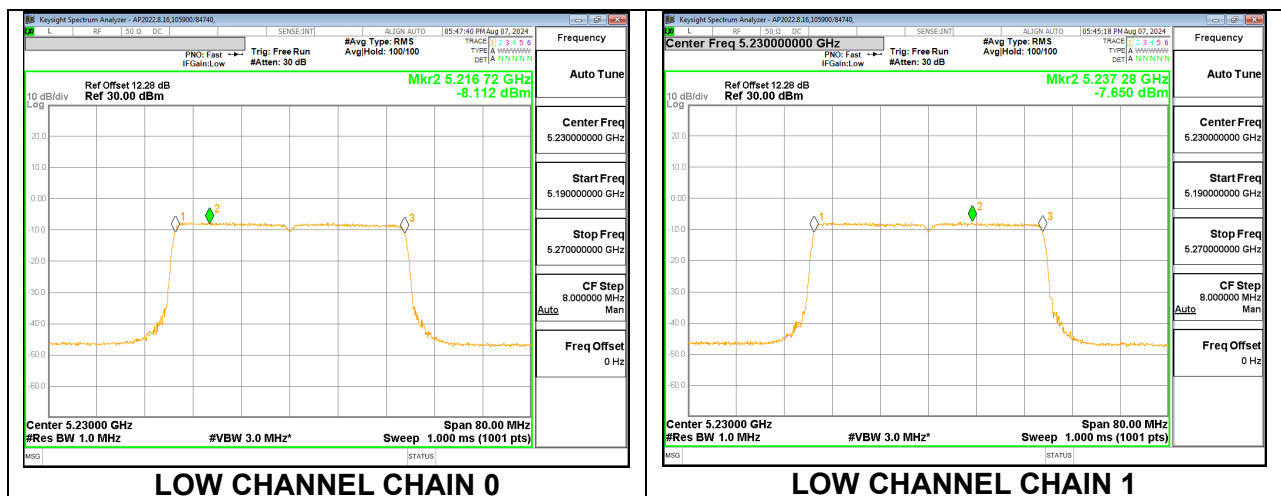
|                    |      |                                                |
|--------------------|------|------------------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd Power & PSD |
|--------------------|------|------------------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| Low     | 5190               | 7.90                              | 8.30                              | 19.77                            | 23.00                  | -3.23                   |
| High    | 5230               | 8.55                              | 8.31                              | 20.10                            | 23.00                  | -2.90                   |

### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5190               | -7.989                                   | -7.848                                   | -4.91                                    | -1.67                          | -3.24                 |
| High    | 5230               | -8.112                                   | -7.650                                   | -4.86                                    | -1.67                          | -3.19                 |



### 9.5.8. 802.11be EHT80 MODE IN THE 5.2 GHz BAND

#### 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242T (C) MRU Low Gain

|                       |              |
|-----------------------|--------------|
| <b>Test Engineer:</b> | 104463/85502 |
| <b>Test Date:</b>     | 2024-08-07   |

##### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| Low     | 5210               | 5.20                                      | 8.21                                    | 24.00                   |

##### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5210               | 12.46                             | 11.60                             | 15.06                             | 24.00                   | -8.94                   |

#### 2TX Chain 0 + Chain 1 CDD MODE (IC) 484T+242T (C) MRU Low Gain

|                       |              |
|-----------------------|--------------|
| <b>Test Engineer:</b> | 104412/21193 |
| <b>Test Date:</b>     | 2024-07-01   |

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

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| Low     | 5210               | 58.771                    | 5.20                                      | 8.21                                    | 23.00                           | 17.80                   |

##### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| Low     | 5210               | 11.41                             | 11.38                             | 19.61                            | 23.00                  | -3.39                   |



## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242T (C) MRU Mid Gain

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-05  |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| Low     | 5210               | 7.30                                      | 10.31                                   | 22.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5210               | 12.95                             | 12.35                             | 15.67                             | 22.70                   | -7.03                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) 484T+242T (C) MRU Mid Gain

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024.08-28  |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| Low     | 5210               | 58.771                    | 7.30                                      | 10.31                                   | 23.00                           | 15.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| Low     | 5210               | 9.72                              | 9.59                              | 19.97                            | 23.00                  | -3.03                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242T (C) MRU High Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-07-01   |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| Low     | 5210               | 8.66                                      | 11.67                                   | 21.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5210               | 12.46                             | 11.60                             | 15.06                             | 21.34                   | -6.28                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+242T (C) MRU High Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-07-01   |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| Low     | 5210               | 58.771                    | 8.66                                      | 11.67                                   | 23.00                           | 14.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| Low     | 5210               | 8.53                              | 8.11                              | 20.00                            | 23.00                  | -3.00                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242T (C) Punctured 0x8 Low Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104463/85502 |
| Test Date:     | 2024-08-07   |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| Low     | 5210               | 5.20                                      | 8.21                                    | 24.00                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5210               | 11.59                             | 11.44                             | 14.53                             | 24.00                   | -9.47                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+242T (C) Punctured 0x8 Low Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104463/85502 |
| Test Date:     | 2024-08-07   |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| Low     | 5210               | 58.771                    | 5.20                                      | 8.21                                    | 23.00                           | 17.80                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| Low     | 5210               | 10.23                             | 10.36                             | 18.51                            | 23.00                  | -4.49                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242T (C) Punctured 0x8 Mid Gain

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-05  |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| Low     | 5210               | 7.30                                      | 10.31                                   | 22.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5210               | 12.46                             | 11.95                             | 15.22                             | 22.70                   | -7.48                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+242T (C) Punctured 0x8 Mid Gain

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-08-28  |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| Low     | 5210               | 58.771                    | 7.30                                      | 10.31                                   | 23.00                           | 15.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| Low     | 5210               | 9.21                              | 9.16                              | 19.50                            | 23.00                  | -3.50                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242T (C) Punctured 0x8 High Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-07-01   |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| Low     | 5210               | 8.66                                      | 11.67                                   | 21.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5210               | 11.59                             | 11.44                             | 14.53                             | 21.34                   | -6.81                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+242T (C) Punctured 0x8 High Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-07-01   |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| Low     | 5210               | 58.771                    | 8.66                                      | 11.67                                   | 23.00                           | 14.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| Low     | 5210               | 7.61                              | 7.18                              | 19.07                            | 23.00                  | -3.93                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 242T+484T MRU Low Gain

|                       |              |
|-----------------------|--------------|
| <b>Test Engineer:</b> | 104463/85502 |
| <b>Test Date:</b>     | 2024-08-07   |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| MRU2    | 5210               | 5.20                                      | 8.21                                    | 24.00                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| MRU2    | 5210               | 12.05                             | 11.94                             | 15.01                             | 24.00                   | -8.99                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 242T+484T MRU Low Gain

|                       |              |
|-----------------------|--------------|
| <b>Test Engineer:</b> | 104412/21193 |
| <b>Test Date:</b>     | 2024-07-01   |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| MRU2    | 5210               | 78.123                    | 5.20                                      | 8.21                                    | 23.00                           | 17.80                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| MRU2    | 5210               | 11.50                             | 11.49                             | 19.71                            | 23.00                  | -3.29                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 242T+484T MRU Mid Gain

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-05  |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| MRU2    | 5210               | 7.30                                      | 10.31                                   | 22.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| MRU2    | 5210               | 12.83                             | 12.41                             | 15.64                             | 22.70                   | -7.06                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 242T+484T MRU Mid Gain

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-08-28  |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| MRU2    | 5210               | 78.123                    | 7.30                                      | 10.31                                   | 23.00                           | 15.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| MRU2    | 5210               | 9.78                              | 9.66                              | 20.03                            | 23.00                  | -2.97                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 242T+484T MRU High Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-07-01   |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| MRU2    | 5210               | 8.66                                      | 11.67                                   | 21.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| MRU2    | 5210               | 12.05                             | 11.94                             | 15.01                             | 21.34                   | -6.33                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 242T+484T MRU Low Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| MRU2    | 5210               | 78.123                    | 8.66                                      | 11.67                                   | 23.00                           | 14.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| MRU2    | 5210               | 7.68                              | 8.29                              | 19.67                            | 23.00                  | -3.33                   |



**2TX Chain 0 + Chain 1 CDD MODE (FCC) : 242T+484T (N) Punctured 0x2 Low Gain**

|                       |              |
|-----------------------|--------------|
| <b>Test Engineer:</b> | 104463/85502 |
| <b>Test Date:</b>     | 2024-08-07   |

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| Mid     | 5210               | 5.20                                      | 8.21                                    | 24.00                   |

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 11.53                             | 11.96                             | 14.76                             | 24.00                   | -9.24                   |

**2TX Chain 0 + Chain 1 CDD MODE (IC) : 242T+484T (N) Punctured 0x2 Low Gain**

|                       |              |
|-----------------------|--------------|
| <b>Test Engineer:</b> | 104463/85502 |
| <b>Test Date:</b>     | 2024-08-07   |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| Mid     | 5210               | 78.123                    | 5.20                                      | 8.21                                    | 23.00                           | 17.80                   |

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| Mid     | 5210               | 10.23                             | 10.26                             | 18.46                            | 23.00                  | -4.54                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 242T+484T (N) Punctured 0x2 Mid Gain

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-05  |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| Mid     | 5210               | 7.30                                      | 10.31                                   | 22.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 12.35                             | 12.00                             | 15.19                             | 22.70                   | -7.51                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 242T+484T (N) Punctured 0x2 Mid Gain

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-08-28  |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| Mid     | 5210               | 78.123                    | 7.30                                      | 10.31                                   | 23.00                           | 15.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| Mid     | 5210               | 9.18                              | 9.16                              | 19.48                            | 23.00                  | -3.52                   |

## **2TX Chain 0 + Chain 1 CDD MODE (FCC) : 242T+484T (N) Punctured 0x2 High Gain**

|                       |              |
|-----------------------|--------------|
| <b>Test Engineer:</b> | 104412/21193 |
| <b>Test Date:</b>     | 2024-08-13   |

### **Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| Mid     | 5210               | 8.66                                      | 11.67                                   | 21.34                   |

### **Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 11.60                             | 11.94                             | 14.78                             | 21.34                   | -6.56                   |

## **2TX Chain 0 + Chain 1 CDD MODE (IC) : 242T+484T (N) Punctured 0x2 High Gain**

|                       |              |
|-----------------------|--------------|
| <b>Test Engineer:</b> | 104412/21193 |
| <b>Test Date:</b>     | 2024-07-01   |

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

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| Mid     | 5210               | 78.123                    | 8.66                                      | 11.67                                   | 23.00                           | 14.34                   |

### **Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| Mid     | 5210               | 7.58                              | 7.27                              | 19.10                            | 23.00                  | -3.90                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242T (N) MRU Low Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-07-01   |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| MRU3    | 5210               | 5.20                                      | 8.21                                    | 24.00                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| MRU3    | 5210               | 12.10                             | 12.10                             | 15.11                             | 24.00                   | -8.89                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+242T (N) MRU Low Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-07-01   |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| MRU3    | 5210               | 78.141                    | 5.20                                      | 8.21                                    | 23.00                           | 17.80                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| MRU3    | 5210               | 11.45                             | 11.43                             | 19.65                            | 23.00                  | -3.35                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242T (N) MRU Mid Gain

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-05  |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| MRU3    | 5210               | 7.30                                      | 10.31                                   | 22.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| MRU3    | 5210               | 12.92                             | 12.53                             | 15.74                             | 22.70                   | -6.96                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+242T (N) MRU Mid Gain

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-08-28  |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| MRU3    | 5210               | 78.141                    | 7.30                                      | 10.31                                   | 23.00                           | 15.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| MRU3    | 5210               | 9.75                              | 9.61                              | 19.99                            | 23.00                  | -3.01                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242T (N) MRU High Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-07-01   |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| MRU3    | 5210               | 8.66                                      | 11.67                                   | 21.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| MRU3    | 5210               | 12.10                             | 12.10                             | 15.11                             | 21.34                   | -6.23                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+242T (N) MRU High Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| MRU3    | 5210               | 78.141                    | 8.66                                      | 11.67                                   | 23.00                           | 14.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| MRU3    | 5210               | 7.73                              | 8.30                              | 19.69                            | 23.00                  | -3.31                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242T (N) Punctured 0x4 Low Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104463/85502 |
| Test Date:     | 2024-08-07   |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| Mid     | 5210               | 5.20                                      | 8.21                                    | 24.00                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 11.50                             | 11.96                             | 14.75                             | 24.00                   | -9.25                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+242T (N) Punctured 0x4 Low Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104463/85502 |
| Test Date:     | 2024-08-07   |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| Mid     | 5210               | 78.141                    | 5.20                                      | 8.21                                    | 23.00                           | 17.80                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| Mid     | 5210               | 10.16                             | 10.11                             | 18.35                            | 23.00                  | -4.65                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242T (N) Punctured 0x4 Mid Gain

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-05  |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 0x4     | 5210               | 7.30                                      | 10.31                                   | 22.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 0x4     | 5210               | 12.50                             | 11.96                             | 15.25                             | 22.70                   | -7.45                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+242T (N) Punctured 0x4 Mid Gain

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-08-28  |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 0x4     | 5210               | 78.141                    | 7.30                                      | 10.31                                   | 23.00                           | 15.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 0x4     | 5210               | 9.16                              | 9.19                              | 19.49                            | 23.00                  | -3.51                   |



## **2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242T (N) Punctured 0x4 High Gain**

|                       |              |
|-----------------------|--------------|
| <b>Test Engineer:</b> | 104412/21193 |
| <b>Test Date:</b>     | 2024-08-13   |

### **Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 0x4     | 5210               | 8.66                                      | 11.67                                   | 21.34                   |

### **Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 0x4     | 5210               | 11.50                             | 11.96                             | 14.75                             | 21.34                   | -6.59                   |

## **2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+242T (N) Punctured 0x4 High Gain**

|                       |              |
|-----------------------|--------------|
| <b>Test Engineer:</b> | 104412/21193 |
| <b>Test Date:</b>     | 2024-07-01   |

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

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 0x4     | 5210               | 78.141                    | 8.66                                      | 11.67                                   | 23.00                           | 14.34                   |

### **Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 0x4     | 5210               | 7.56                              | 7.27                              | 19.09                            | 23.00                  | -3.91                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T Low Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| Mid     | 5210               | 5.20                                      | 8.21                                    | 24.00                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 12.67                             | 12.47                             | 15.58                             | 24.00                   | -8.42                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T Low Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| Mid     | 5210               | 77.6200                   | 5.20                                      | 8.21                                    | 23.00                           | 17.80                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| Mid     | 5210               | 12.06                             | 11.85                             | 20.17                            | 23.00                  | -2.83                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T Mid Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104436/85502 |
| Test Date:     | 2024-09-06   |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| Mid     | 5210               | 7.30                                      | 10.31                                   | 22.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 10.05                             | 9.84                              | 12.96                             | 22.70                   | -9.74                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T Mid Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104436/85502 |
| Test Date:     | 2024-09-06   |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| Mid     | 5210               | 77.6200                   | 7.30                                      | 10.31                                   | 23.00                           | 15.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| Mid     | 5210               | 10.05                             | 9.84                              | 20.26                            | 23.00                  | -2.74                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T High Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| Mid     | 5210               | 8.66                                      | 11.67                                   | 21.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5210               | 10.58                             | 10.91                             | 13.76                             | 21.34                   | -7.58                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T High Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| Mid     | 5210               | 77.6200                   | 8.66                                      | 11.67                                   | 23.00                           | 14.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| Mid     | 5210               | 10.03                             | 9.81                              | 21.59                            | 23.00                  | -1.41                   |

### 9.5.9. 802.11be EHT160 MODE IN THE 5.2/5.3 GHz BAND

#### 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T (C) MRU Low Gain

|                       |              |
|-----------------------|--------------|
| <b>Test Engineer:</b> | 104412/21193 |
| <b>Test Date:</b>     | 2024-08-13   |

##### Antenna Gain and Limits

| Channel  | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|----------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| MRU Low  | 5250               | 5.20                                      | 8.21                                    | 24.00                   |
| MRU High | 5250               | 5.20                                      | 8.21                                    | 24.00                   |

##### Output Power Results

| Channel  | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|----------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| MRU Low  | 5250               | 12.62                             | 12.60                             | 15.62                             | 24.00                   | -8.38                   |
| MRU High | 5250               | 12.63                             | 12.50                             | 15.58                             | 24.00                   | -8.42                   |

#### 2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T (C) MRU Low Gain

|                       |              |
|-----------------------|--------------|
| <b>Test Engineer:</b> | 104412/21193 |
| <b>Test Date:</b>     | 2024-08-13   |

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

| Channel  | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|----------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| MRU Low  | 5250               | 117.88                    | 5.20                                      | 8.21                                    | 23.00                           | 17.80                   |
| MRU High | 5250               | 117.88                    | 5.20                                      | 8.21                                    | 23.00                           | 17.80                   |

##### Output Power Results

| Channel  | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|----------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| MRU Low  | 5250               | 12.85                             | 13.03                             | 21.15                            | 23.00                  | -1.85                   |
| MRU High | 5250               | 12.75                             | 12.99                             | 21.08                            | 23.00                  | -1.92                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T (C) MRU Mid Gain

|                       |                        |
|-----------------------|------------------------|
| <b>Test Engineer:</b> | 33499/84740, 85502     |
| <b>Test Date:</b>     | 2024-09-05, 2024-09-13 |

### Antenna Gain and Limits

| Channel  | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|----------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| MRU Low  | 5250               | 7.30                                      | 10.31                                   | 22.70                   |
| MRU High | 5250               | 7.30                                      | 10.31                                   | 22.70                   |

### Output Power Results

| Channel  | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|----------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| MRU Low  | 5250               | 10.11                             | 9.79                              | 12.96                             | 22.70                   | -9.74                   |
| MRU High | 5250               | 10.19                             | 10.16                             | 13.19                             | 22.70                   | -9.51                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T (C) MRU Mid Gain

|                       |                        |
|-----------------------|------------------------|
| <b>Test Engineer:</b> | 33499/84740, 85502     |
| <b>Test Date:</b>     | 2024-09-05, 2024-09-13 |

### Bandwidth, Antenna Gain, and Limits

| Channel  | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|----------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| MRU Low  | 5250               | 117.88                    | 7.30                                      | 10.31                                   | 23.00                           | 15.70                   |
| MRU High | 5250               | 117.88                    | 7.30                                      | 10.31                                   | 23.00                           | 15.70                   |

### Output Power Results

| Channel  | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|----------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| MRU Low  | 5250               | 10.11                             | 9.79                              | 20.26                            | 23.00                  | -2.74                   |
| MRU High | 5250               | 10.19                             | 10.16                             | 20.49                            | 23.00                  | -2.51                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T (C) MRU High Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Antenna Gain and Limits

| Channel  | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|----------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| MRU Low  | 5250               | 8.66                                      | 11.67                                   | 21.34                   |
| MRU High | 5250               | 8.66                                      | 11.67                                   | 21.34                   |

### Output Power Results

| Channel  | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|----------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| MRU Low  | 5250               | 10.36                             | 10.96                             | 13.68                             | 21.34                   | -7.66                   |
| MRU High | 5250               | 10.38                             | 11.06                             | 13.74                             | 21.34                   | -7.60                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T (C) MRU High Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Bandwidth, Antenna Gain, and Limits

| Channel  | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|----------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| MRU Low  | 5250               | 117.88                    | 8.66                                      | 11.67                                   | 23.00                           | 14.34                   |
| MRU High | 5250               | 117.88                    | 8.66                                      | 11.67                                   | 23.00                           | 14.34                   |

### Output Power Results

| Channel  | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|----------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| MRU Low  | 5250               | 9.71                              | 10.30                             | 21.69                            | 23.00                  | -1.31                   |
| MRU High | 5250               | 10.09                             | 10.15                             | 21.79                            | 23.00                  | -1.21                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T (C) Punctured Low Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 0xC0    | 5250               | 5.20                                      | 8.21                                    | 24.00                   |
| 0x03    | 5250               | 5.20                                      | 8.21                                    | 24.00                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 0xC0    | 5250               | 12.08                             | 12.08                             | 15.09                             | 24.00                   | -8.91                   |
| 0x03    | 5250               | 12.00                             | 11.99                             | 15.01                             | 24.00                   | -8.99                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T (C) Punctured Low Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 0xC0    | 5250               | 117.88                    | 5.20                                      | 8.21                                    | 23.00                           | 17.80                   |
| 0x03    | 5250               | 117.88                    | 5.20                                      | 8.21                                    | 23.00                           | 17.80                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 0xC0    | 5250               | 12.36                             | 12.65                             | 20.72                            | 23.00                  | -2.28                   |
| 0x03    | 5250               | 12.34                             | 12.60                             | 20.68                            | 23.00                  | -2.32                   |



## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T (C) Punctured Mid Gain

|                |            |
|----------------|------------|
| Test Engineer: | 85502      |
| Test Date:     | 2024-09-13 |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 0xC0    | 5250               | 7.30                                      | 10.31                                   | 22.70                   |
| 0x03    | 5250               | 7.30                                      | 10.31                                   | 22.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 0xC0    | 5250               | 9.47                              | 9.18                              | 12.34                             | 22.70                   | -10.36                  |
| 0x03    | 5250               | 9.80                              | 9.63                              | 12.73                             | 22.70                   | -9.97                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T (C) Punctured Mid Gain

|                |            |
|----------------|------------|
| Test Engineer: | 85502      |
| Test Date:     | 2024-09-13 |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 0xC0    | 5250               | 117.88                    | 7.30                                      | 10.31                                   | 23.00                           | 15.70                   |
| 0x03    | 5250               | 117.88                    | 7.30                                      | 10.31                                   | 23.00                           | 15.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 0xC0    | 5250               | 9.47                              | 9.18                              | 19.64                            | 23.00                  | -3.36                   |
| 0x03    | 5250               | 9.80                              | 9.63                              | 20.03                            | 23.00                  | -2.97                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T (C) Punctured High Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 0xC0    | 5250               | 8.66                                      | 11.67                                   | 21.34                   |
| 0x03    | 5250               | 8.66                                      | 11.67                                   | 21.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 0xC0    | 5250               | 9.68                              | 10.27                             | 13.00                             | 21.34                   | -8.34                   |
| 0x03    | 5250               | 9.75                              | 10.27                             | 13.03                             | 21.34                   | -8.31                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T (C) Punctured High Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 0xC0    | 5250               | 117.88                    | 8.66                                      | 11.67                                   | 23.00                           | 14.34                   |
| 0x03    | 5250               | 117.88                    | 8.66                                      | 11.67                                   | 23.00                           | 14.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | Power<br>EIRP<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 0xC0    | 5250               | 9.89                              | 9.76                              | 21.50                            | 23.00                  | -1.50                   |
| 0x03    | 5250               | 8.85                              | 9.50                              | 20.86                            | 23.00                  | -2.14                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+996T (N) MRU Low Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| MRU2    | 5250               | 5.20                                      | 8.21                                    | 24.00                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| MRU2    | 5250               | 12.52                             | 12.45                             | 15.50                             | 24.00                   | -8.50                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) 484T+996T (N) MRU Low Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| MRU2    | 5250               | 158.04                    | 5.20                                      | 8.21                                    | 23.00                           | 17.80                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| MRU2    | 5250               | 12.84                             | 12.96                             | 21.11                            | 23.00                  | -1.89                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) 484T+996T (N) MRU Mid Gain

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-05  |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| MRU2    | 5250               | 7.30                                      | 10.31                                   | 22.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| MRU2    | 5250               | 10.01                             | 9.82                              | 12.93                             | 22.70                   | -9.77                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) 484T+996T (N) MRU Mid Gain

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-05  |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| MRU2    | 5250               | 158.04                    | 7.30                                      | 10.31                                   | 23.00                           | 15.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| MRU2    | 5250               | 10.01                             | 9.82                              | 20.23                            | 23.00                  | -2.77                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) 484T+996T (N) MRU High Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| MRU2    | 5250               | 8.66                                      | 11.67                                   | 21.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| MRU2    | 5250               | 10.69                             | 11.30                             | 14.02                             | 21.34                   | -7.32                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) 484T+996T (N) MRU High Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| MRU2    | 5250               | 158.04                    | 8.66                                      | 11.67                                   | 23.00                           | 14.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| MRU2    | 5250               | 10.09                             | 9.98                              | 21.71                            | 23.00                  | -1.29                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+996T Punctured 0x0C Low Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 0x0C    | 5250               | 5.20                                      | 8.21                                    | 24.00                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 0x0C    | 5250               | 12.07                             | 12.01                             | 15.05                             | 24.00                   | -8.95                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+996T Punctured 0x0C Low Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 0x0C    | 5250               | 158.04                    | 5.20                                      | 8.21                                    | 23.00                           | 17.80                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 0x0C    | 5250               | 12.35                             | 12.56                             | 20.67                            | 23.00                  | -2.33                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+996T Punctured 0x0C Mid Gain

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-05  |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 0x0C    | 5250               | 7.30                                      | 10.31                                   | 22.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 0x0C    | 5250               | 9.47                              | 9.28                              | 12.39                             | 22.70                   | -10.31                  |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+996T Punctured 0x0C Mid Gain

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-05  |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 0x0C    | 5250               | 158.04                    | 7.30                                      | 10.31                                   | 23.00                           | 15.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 0x0C    | 5250               | 9.47                              | 9.28                              | 19.69                            | 23.00                  | -3.31                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+996T Punctured 0x0C High Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 0x0C    | 5250               | 8.66                                      | 11.67                                   | 21.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 0x0C    | 5250               | 9.45                              | 10.06                             | 12.78                             | 21.34                   | -8.56                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+996T Punctured 0x0C High Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 0x0C    | 5250               | 158.04                    | 8.66                                      | 11.67                                   | 23.00                           | 14.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 0x0C    | 5250               | 9.91                              | 9.79                              | 21.52                            | 23.00                  | -1.48                   |



## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T (N) MRU Low Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| MRU3    | 5250               | 5.20                                      | 8.21                                    | 24.00                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| MRU3    | 5250               | 12.58                             | 12.47                             | 15.54                             | 24.00                   | -8.46                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T (N) MRU Low Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| MRU3    | 5250               | 157.88                    | 5.20                                      | 8.21                                    | 23.00                           | 17.80                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| MRU3    | 5250               | 12.79                             | 13.05                             | 21.13                            | 23.00                  | -1.87                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T (N) MRU Mid Gain

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-05  |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| MRU3    | 5250               | 7.30                                      | 10.31                                   | 22.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| MRU3    | 5250               | 10.09                             | 9.80                              | 12.96                             | 22.70                   | -9.74                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T (N) MRU Mid Gain

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-05  |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| MRU3    | 5250               | 157.88                    | 7.30                                      | 10.31                                   | 23.00                           | 15.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| MRU3    | 5250               | 10.09                             | 9.80                              | 20.26                            | 23.00                  | -2.74                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T (N) MRU High Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| MRU3    | 5250               | 8.66                                      | 11.67                                   | 21.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| MRU3    | 5250               | 10.62                             | 11.26                             | 13.96                             | 21.34                   | -7.38                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T (N) MRU High Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| MRU3    | 5250               | 157.88                    | 8.66                                      | 11.67                                   | 23.00                           | 14.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| MRU3    | 5250               | 10.13                             | 9.98                              | 21.73                            | 23.00                  | -1.27                   |

## **2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T (N) Punctured 0x30 Low Gain**

|                       |              |
|-----------------------|--------------|
| <b>Test Engineer:</b> | 104412/21193 |
| <b>Test Date:</b>     | 2024-08-13   |

### **Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 0x30    | 5250               | 5.20                                      | 8.21                                    | 24.00                   |

### **Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 0x30    | 5250               | 12.05                             | 12.00                             | 15.04                             | 24.00                   | -8.96                   |

## **2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T (N) Punctured 0x30 Low Gain**

|                       |              |
|-----------------------|--------------|
| <b>Test Engineer:</b> | 104412/21193 |
| <b>Test Date:</b>     | 2024-08-13   |

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

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 0x30    | 5250               | 157.88                    | 5.20                                      | 8.21                                    | 23.00                           | 17.80                   |

### **Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 0x30    | 5250               | 12.34                             | 12.61                             | 20.69                            | 23.00                  | -2.31                   |

## **2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T (N) Punctured 0x30 Mid Gain**

|                       |             |
|-----------------------|-------------|
| <b>Test Engineer:</b> | 33499/84740 |
| <b>Test Date:</b>     | 2024-09-05  |

### **Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 0x30    | 5250               | 7.30                                      | 10.31                                   | 22.70                   |

### **Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 0x30    | 5250               | 9.64                              | 9.20                              | 12.44                             | 22.70                   | -10.26                  |

## **2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T (N) Punctured 0x30 Mid Gain**

|                       |             |
|-----------------------|-------------|
| <b>Test Engineer:</b> | 33499/84740 |
| <b>Test Date:</b>     | 2024-09-05  |

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

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 0x30    | 5250               | 157.88                    | 7.30                                      | 10.31                                   | 23.00                           | 15.70                   |

### **Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 0x30    | 5250               | 9.64                              | 9.20                              | 19.74                            | 23.00                  | -3.26                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T (N) Punctured 0x30 High Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 0x30    | 5250               | 8.66                                      | 11.67                                   | 21.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 0x30    | 5250               | 9.44                              | 9.95                              | 12.71                             | 21.34                   | -8.63                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T (N) Punctured 0x30 High Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 0x30    | 5250               | 157.88                    | 8.66                                      | 11.67                                   | 23.00                           | 14.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 0x30    | 5250               | 9.96                              | 9.75                              | 21.53                            | 23.00                  | -1.47                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T+242T (C) Punctured Low Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 0x80    | 5250               | 5.20                                      | 8.21                                    | 24.00                   |
| 0x01    | 5250               | 5.20                                      | 8.21                                    | 24.00                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 0x80    | 5250               | 12.09                             | 12.08                             | 15.10                             | 24.00                   | -8.90                   |
| 0x01    | 5250               | 12.04                             | 12.04                             | 15.05                             | 24.00                   | -8.95                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T+242T (C) Punctured Low Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 0x80    | 5250               | 137.19                    | 5.20                                      | 8.21                                    | 23.00                           | 17.80                   |
| 0x01    | 5250               | 137.19                    | 5.20                                      | 8.21                                    | 23.00                           | 17.80                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 0x80    | 5250               | 12.43                             | 12.58                             | 20.72                            | 23.00                  | -2.28                   |
| 0x01    | 5250               | 12.38                             | 12.52                             | 20.66                            | 23.00                  | -2.34                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T+242T (C) Punctured Mid Gain

|                |                        |
|----------------|------------------------|
| Test Engineer: | 33499/84740, 85502     |
| Test Date:     | 2024-09-05, 2024-09-13 |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 0x80    | 5250               | 7.30                                      | 10.31                                   | 22.70                   |
| 0x01    | 5250               | 7.30                                      | 10.31                                   | 22.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 0x80    | 5250               | 9.45                              | 9.33                              | 12.40                             | 22.70                   | -10.30                  |
| 0x01    | 5250               | 9.70                              | 9.74                              | 12.73                             | 22.70                   | -9.97                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T+242T (C) Punctured Mid Gain

|                |                        |
|----------------|------------------------|
| Test Engineer: | 33499/84740, 85502     |
| Test Date:     | 2024-09-05, 2024-09-13 |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 0x80    | 5250               | 137.19                    | 7.30                                      | 10.31                                   | 23.00                           | 15.70                   |
| 0x01    | 5250               | 137.19                    | 7.30                                      | 10.31                                   | 23.00                           | 15.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 0x80    | 5250               | 9.45                              | 9.33                              | 19.70                            | 23.00                  | -3.30                   |
| 0x01    | 5250               | 9.70                              | 9.74                              | 20.03                            | 23.00                  | -2.97                   |



## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T+242T (C) Punctured High Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 0x80    | 5250               | 8.66                                      | 11.67                                   | 21.34                   |
| 0x01    | 5250               | 8.66                                      | 11.67                                   | 21.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 0x80    | 5250               | 9.55                              | 10.20                             | 12.90                             | 21.34                   | -8.44                   |
| 0x01    | 5250               | 9.52                              | 10.19                             | 12.88                             | 21.34                   | -8.46                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T+242T (C) Punctured High Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 0x80    | 5250               | 137.19                    | 8.66                                      | 11.67                                   | 23.00                           | 14.34                   |
| 0x01    | 5250               | 137.19                    | 8.66                                      | 11.67                                   | 23.00                           | 14.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 0x80    | 5250               | 9.93                              | 9.73                              | 21.50                            | 23.00                  | -1.50                   |
| 0x01    | 5250               | 9.97                              | 9.84                              | 21.58                            | 23.00                  | -1.42                   |

**2TX Chain 0 + Chain 1 CDD MODE (FCC) : 242T+484T+996T Punctured 0x02 Low Gain**

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 0x02    | 5250               | 5.20                                      | 8.21                                    | 24.00                   |

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 0x02    | 5250               | 12.09                             | 11.98                             | 15.05                             | 24.00                   | -8.95                   |

**2TX Chain 0 + Chain 1 CDD MODE (IC) : 242T+484T+996T Punctured 0x02 Low Gain**

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 0x02    | 5250               | 157.51                    | 5.20                                      | 8.21                                    | 23.00                           | 17.80                   |

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 0x02    | 5250               | 12.27                             | 12.62                             | 20.66                            | 23.00                  | -2.34                   |

**2TX Chain 0 + Chain 1 CDD MODE (FCC) : 242T+484T+996T Punctured 0x02 Mid Gain**

|                       |             |
|-----------------------|-------------|
| <b>Test Engineer:</b> | 33499/84740 |
| <b>Test Date:</b>     | 2024-09-05  |

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 0x02    | 5250               | 7.30                                      | 10.31                                   | 22.70                   |

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 0x02    | 5250               | 9.36                              | 9.36                              | 12.37                             | 22.70                   | -10.33                  |

**2TX Chain 0 + Chain 1 CDD MODE (IC) : 242T+484T+996T Punctured 0x02 Mid Gain**

|                       |             |
|-----------------------|-------------|
| <b>Test Engineer:</b> | 33499/84740 |
| <b>Test Date:</b>     | 2024-09-05  |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 0x02    | 5250               | 157.51                    | 7.30                                      | 10.31                                   | 23.00                           | 15.70                   |

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 0x02    | 5250               | 9.36                              | 9.36                              | 19.67                            | 23.00                  | -3.33                   |

**2TX Chain 0 + Chain 1 CDD MODE (FCC) : 242T+484T+996T Punctured 0x02 High Gain**

|                       |              |
|-----------------------|--------------|
| <b>Test Engineer:</b> | 104412/21193 |
| <b>Test Date:</b>     | 2024-08-13   |

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 0x02    | 5250               | 8.66                                      | 11.67                                   | 21.34                   |

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 0x02    | 5250               | 9.43                              | 10.09                             | 12.78                             | 21.34                   | -8.56                   |

**2TX Chain 0 + Chain 1 CDD MODE (IC) : 242T+484T+996T Punctured 0x02 High Gain**

|                       |              |
|-----------------------|--------------|
| <b>Test Engineer:</b> | 104412/21193 |
| <b>Test Date:</b>     | 2024-08-13   |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 0x02    | 5250               | 157.51                    | 8.66                                      | 11.67                                   | 23.00                           | 14.34                   |

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 0x02    | 5250               | 9.89                              | 9.78                              | 21.51                            | 23.00                  | -1.49                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242T+996T Punctured Low Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 0x04    | 5250               | 5.20                                      | 8.21                                    | 24.00                   |
| 0x08    | 5250               | 5.20                                      | 8.21                                    | 24.00                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 0x04    | 5250               | 12.12                             | 12.02                             | 15.08                             | 24.00                   | -8.92                   |
| 0x08    | 5250               | 11.95                             | 12.06                             | 15.02                             | 24.00                   | -8.98                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+242T+996T Punctured Low Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 0x04    | 5250               | 157.68                    | 5.20                                      | 8.21                                    | 23.00                           | 17.80                   |
| 0x08    | 5250               | 157.37                    | 5.20                                      | 8.21                                    | 23.00                           | 17.80                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 0x04    | 5250               | 12.45                             | 12.55                             | 20.71                            | 23.00                  | -2.29                   |
| 0x08    | 5250               | 12.46                             | 12.57                             | 20.73                            | 23.00                  | -2.27                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242T+996T Punctured Mid Gain

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-05  |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 0x04    | 5250               | 7.30                                      | 10.31                                   | 22.70                   |
| 0x08    | 5250               | 7.30                                      | 10.31                                   | 22.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 0x04    | 5250               | 9.44                              | 9.29                              | 12.38                             | 22.70                   | -10.32                  |
| 0x08    | 5250               | 9.43                              | 9.28                              | 12.37                             | 22.70                   | -10.33                  |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+242T+996T Punctured Mid Gain

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-05  |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 0x04    | 5250               | 157.68                    | 7.30                                      | 10.31                                   | 23.00                           | 15.70                   |
| 0x08    | 5250               | 157.37                    | 7.30                                      | 10.31                                   | 23.00                           | 15.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 0x04    | 5250               | 9.44                              | 9.29                              | 19.68                            | 23.00                  | -3.32                   |
| 0x08    | 5250               | 9.43                              | 9.28                              | 19.67                            | 23.00                  | -3.33                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242T+996T Punctured High Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 0x04    | 5250               | 8.66                                      | 11.67                                   | 21.34                   |
| 0x08    | 5250               | 8.66                                      | 11.67                                   | 21.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 0x04    | 5250               | 9.55                              | 10.94                             | 13.31                             | 21.34                   | -8.03                   |
| 0x08    | 5250               | 9.41                              | 10.07                             | 12.76                             | 21.34                   | -8.58                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+242T+996T Punctured High Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 0x04    | 5250               | 157.68                    | 8.66                                      | 11.67                                   | 23.00                           | 14.34                   |
| 0x08    | 5250               | 157.37                    | 8.66                                      | 11.67                                   | 23.00                           | 14.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 0x04    | 5250               | 9.90                              | 9.67                              | 21.46                            | 23.00                  | -1.54                   |
| 0x08    | 5250               | 9.97                              | 9.73                              | 21.52                            | 23.00                  | -1.48                   |

## **2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+242T+484T (N) Punctured Low Gain**

|                       |              |
|-----------------------|--------------|
| <b>Test Engineer:</b> | 104412/21193 |
| <b>Test Date:</b>     | 2024-08-13   |

### **Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 0x10    | 5250               | 5.20                                      | 8.21                                    | 24.00                   |
| 0x20    | 5250               | 5.20                                      | 8.21                                    | 24.00                   |

### **Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 0x10    | 5250               | 12.13                             | 12.08                             | 15.12                             | 24.00                   | -8.88                   |
| 0x20    | 5250               | 12.15                             | 12.00                             | 15.09                             | 24.00                   | -8.91                   |

## **2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+242T+484T (N) Punctured Low Gain**

|                       |              |
|-----------------------|--------------|
| <b>Test Engineer:</b> | 104412/21193 |
| <b>Test Date:</b>     | 2024-08-13   |

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

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 0x10    | 5250               | 156.94                    | 5.20                                      | 8.21                                    | 23.00                           | 17.80                   |
| 0x20    | 5250               | 157.58                    | 5.20                                      | 8.21                                    | 23.00                           | 17.80                   |

### **Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 0x10    | 5250               | 12.45                             | 12.69                             | 20.78                            | 23.00                  | -2.22                   |
| 0x20    | 5250               | 12.27                             | 12.54                             | 20.62                            | 23.00                  | -2.38                   |



## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+242T+484T (N) Punctured Mid Gain

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-05  |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 0x10    | 5250               | 7.30                                      | 10.31                                   | 22.70                   |
| 0x20    | 5250               | 7.30                                      | 10.31                                   | 22.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 0x10    | 5250               | 9.38                              | 9.22                              | 12.31                             | 22.70                   | -10.39                  |
| 0x20    | 5250               | 9.51                              | 9.26                              | 12.40                             | 22.70                   | -10.30                  |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+242T+484T (N) Punctured Mid Gain

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-05  |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 0x10    | 5250               | 156.94                    | 7.30                                      | 10.31                                   | 23.00                           | 15.70                   |
| 0x20    | 5250               | 157.58                    | 7.30                                      | 10.31                                   | 23.00                           | 15.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 0x10    | 5250               | 9.38                              | 9.22                              | 19.61                            | 23.00                  | -3.39                   |
| 0x20    | 5250               | 9.51                              | 9.26                              | 19.70                            | 23.00                  | -3.30                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+242T+484T (N) Punctured High Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 0x10    | 5250               | 8.66                                      | 11.67                                   | 21.34                   |
| 0x20    | 5250               | 8.66                                      | 11.67                                   | 21.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 0x10    | 5250               | 9.49                              | 9.93                              | 12.73                             | 21.34                   | -8.61                   |
| 0x20    | 5250               | 9.48                              | 9.86                              | 12.68                             | 21.34                   | -8.66                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+242T+484T (N) Punctured High Gain

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 0x10    | 5250               | 156.94                    | 8.66                                      | 11.67                                   | 23.00                           | 14.34                   |
| 0x20    | 5250               | 157.58                    | 8.66                                      | 11.67                                   | 23.00                           | 14.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 0x10    | 5250               | 9.97                              | 9.79                              | 21.55                            | 23.00                  | -1.45                   |
| 0x20    | 5250               | 9.92                              | 9.79                              | 21.53                            | 23.00                  | -1.47                   |

**2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T+242T (N) Punctured 0x40 Low Gain**

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 0x40    | 5250               | 5.20                                      | 8.21                                    | 24.00                   |

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 0x40    | 5250               | 12.12                             | 12.08                             | 15.11                             | 24.00                   | -8.89                   |

**2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T+242T (N) Punctured 0x40 Low Gain**

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 0x40    | 5250               | 157.35                    | 5.20                                      | 8.21                                    | 23.00                           | 17.80                   |

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 0x40    | 5250               | 12.40                             | 12.55                             | 20.69                            | 23.00                  | -2.31                   |

**2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T+242T (N) Punctured 0x40 Mid Gain**

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-05  |

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 0x40    | 5250               | 7.30                                      | 10.31                                   | 22.70                   |

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 0x40    | 5250               | 9.46                              | 9.18                              | 12.33                             | 22.70                   | -10.37                  |

**2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T+242T (N) Punctured 0x40 Mid Gain**

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-05  |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 0x40    | 5250               | 157.35                    | 7.30                                      | 10.31                                   | 23.00                           | 15.70                   |

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 0x40    | 5250               | 9.46                              | 9.18                              | 19.63                            | 23.00                  | -3.37                   |

**2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T+242T (N) Punctured 0x40 High Gain**

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 0x40    | 5250               | 8.66                                      | 11.67                                   | 21.34                   |

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 0x40    | 5250               | 9.51                              | 10.24                             | 12.90                             | 21.34                   | -8.44                   |

**2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T+242T (N) Punctured 0x40 High Gain**

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

**Bandwidth, Antenna Gain, and Limits**

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 0x40    | 5250               | 157.35                    | 8.66                                      | 11.67                                   | 23.00                           | 14.34                   |

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 0x40    | 5250               | 9.99                              | 9.77                              | 21.55                            | 23.00                  | -1.45                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 2x996T (Low Gain)

|                       |                        |
|-----------------------|------------------------|
| <b>Test Engineer:</b> | 104412/21193           |
| <b>Test Date:</b>     | 2024-08-13, 2024-09-26 |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 68      | 5250               | 5.20                                      | 8.21                                    | 24.00                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 68      | 5250               | 10.14                             | 10.62                             | 13.40                             | 24.00                   | -10.60                  |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 2x996T (Low Gain)

|                       |              |
|-----------------------|--------------|
| <b>Test Engineer:</b> | 104412/21193 |
| <b>Test Date:</b>     | 2024-08-13   |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 68      | 5250               | 157.04                    | 5.20                                      | 8.21                                    | 23.00                           | 17.80                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 68      | 5250               | 11.31                             | 11.44                             | 19.59                            | 23.00                  | -3.41                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 2x996T (Mid Gain)

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-05  |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 68      | 5250               | 7.30                                      | 10.31                                   | 22.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 68      | 5250               | 11.14                             | 11.34                             | 14.25                             | 22.70                   | -8.45                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 2x996T (Mid Gain)

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-05  |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 68      | 5250               | 157.04                    | 7.30                                      | 10.31                                   | 23.00                           | 15.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 68      | 5250               | 11.14                             | 11.34                             | 21.55                            | 23.00                  | -1.45                   |

## 2TX Chain 0 + Chain 1 CDD MODE (FCC) : 2x996T (High Gain)

|                |                        |
|----------------|------------------------|
| Test Engineer: | 104412/21193           |
| Test Date:     | 2024-08-13, 2024-09-26 |

### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|
| 68      | 5250               | 8.66                                      | 11.67                                   | 21.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| 68      | 5250               | 9.43                              | 9.22                              | 12.34                             | 21.34                   | -9.00                   |

## 2TX Chain 0 + Chain 1 CDD MODE (IC) : 2x996T (High Gain)

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/21193 |
| Test Date:     | 2024-08-13   |

### Bandwidth, Antenna Gain, and Limits

| Channel | Frequency<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | EIRP<br>Power<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|---------------------------|-------------------------------------------|-----------------------------------------|---------------------------------|-------------------------|
| 68      | 5250               | 157.04                    | 8.66                                      | 11.67                                   | 23.00                           | 14.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>EIRP<br>(dBm) | EIRP<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------|-------------------------|
| 68      | 5250               | 8.97                              | 8.90                              | 20.61                            | 23.00                  | -2.39                   |



**9.5.10. 802.11a MODE IN THE 5.3 GHz BAND**  
**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Low Gain)**

|                       |                                       |
|-----------------------|---------------------------------------|
| <b>Test Engineer:</b> | 104412/84740,<br>33499/84740, 85502   |
| <b>Test Date:</b>     | 2024-08-19, 2024-08-20,<br>2024-08-21 |

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5260               | 21.40                       | 16.5960                   | 5.20                                      | 8.21                                    |
| Mid     | 5300               | 21.32                       | 16.5290                   | 5.20                                      | 8.21                                    |
| High    | 5320               | 21.40                       | 16.6250                   | 5.20                                      | 8.21                                    |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5260               | 24.00                          | 23.20                           | 29.20                          | 23.20                   | 8.79                                  | 11.00                                  | 8.79                           |
| Mid     | 5300               | 24.00                          | 23.18                           | 29.18                          | 23.18                   | 8.79                                  | 11.00                                  | 8.79                           |
| High    | 5320               | 24.00                          | 23.21                           | 29.21                          | 23.21                   | 8.79                                  | 11.00                                  | 8.79                           |

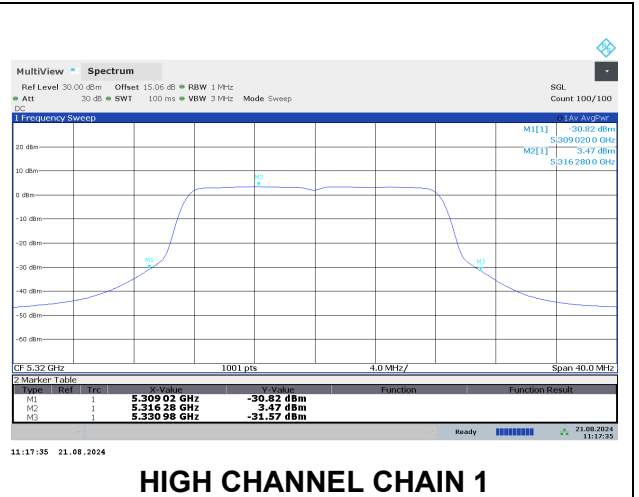
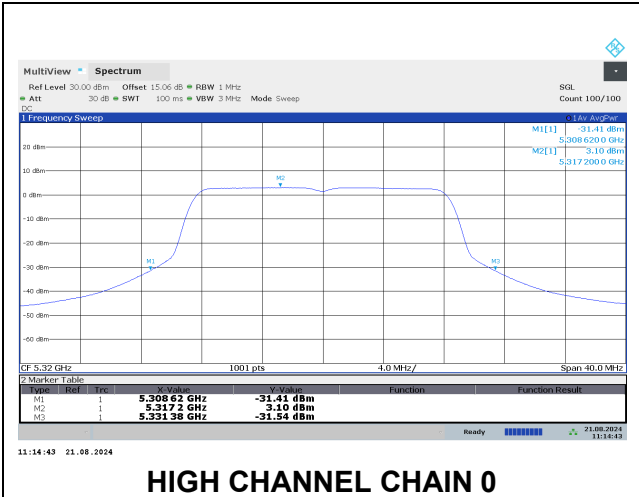
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 16.58                             | 16.81                             | 19.71                             | 23.20                   | -3.49                   |
| Mid     | 5300               | 16.51                             | 16.29                             | 19.41                             | 23.18                   | -3.77                   |
| High    | 5320               | 16.00                             | 16.20                             | 19.11                             | 23.21                   | -4.10                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5260               | 2.856                                    | 3.085                                    | 5.98                                     | 8.79                           | -2.81                 |
| Mid     | 5300               | 2.729                                    | 2.841                                    | 5.80                                     | 8.79                           | -2.99                 |
| High    | 5320               | 3.100                                    | 3.470                                    | 6.30                                     | 8.79                           | -2.49                 |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

|                |                        |
|----------------|------------------------|
| Test Engineer: | 105900/84740           |
| Test Date:     | 2024-08-28, 2024-09-18 |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5260               | 21.40                       | 16.5960                   | 7.30                                      | 10.31                                   |
| Mid     | 5300               | 21.32                       | 16.5290                   | 7.30                                      | 10.31                                   |
| High    | 5320               | 21.40                       | 16.6250                   | 7.30                                      | 10.31                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5260               | 22.70                          | 23.20                           | 29.20                          | 21.90                   | 6.69                                  | 11.00                                  | 6.69                           |
| Mid     | 5300               | 22.70                          | 23.18                           | 29.18                          | 21.88                   | 6.69                                  | 11.00                                  | 6.69                           |
| High    | 5320               | 22.70                          | 23.21                           | 29.21                          | 21.91                   | 6.69                                  | 11.00                                  | 6.69                           |

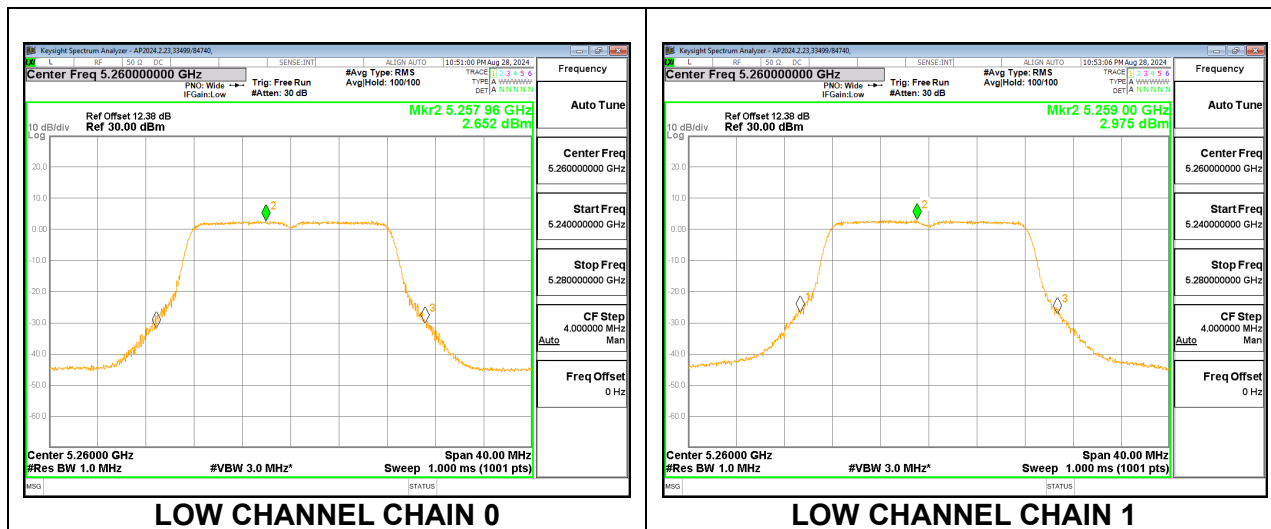
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 14.52                             | 14.12                             | 17.33                             | 21.90                   | -4.57                   |
| Mid     | 5300               | 14.68                             | 14.20                             | 17.46                             | 21.88                   | -4.43                   |
| High    | 5320               | 14.20                             | 14.07                             | 17.15                             | 21.91                   | -4.76                   |

### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5260               | 2.652                                    | 2.975                                    | 5.83                                     | 6.69                           | -0.86                 |
| Mid     | 5300               | 2.693                                    | 2.648                                    | 5.68                                     | 6.69                           | -1.01                 |
| High    | 5320               | 2.276                                    | 2.812                                    | 5.56                                     | 6.69                           | -1.13                 |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

|                |                        |
|----------------|------------------------|
| Test Engineer: | 85502, 104412/84740    |
| Test Date:     | 2024-07-01, 2024-08-08 |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5260               | 21.40                       | 16.5960                   | 8.66                                      | 11.67                                   |
| Mid     | 5300               | 21.32                       | 16.5290                   | 8.66                                      | 11.67                                   |
| High    | 5320               | 21.40                       | 16.6250                   | 8.66                                      | 11.67                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5260               | 21.34                          | 23.20                           | 29.20                          | 20.54                   | 5.33                                  | 11.00                                  | 5.33                           |
| Mid     | 5300               | 21.34                          | 23.18                           | 29.18                          | 20.52                   | 5.33                                  | 11.00                                  | 5.33                           |
| High    | 5320               | 21.34                          | 23.21                           | 29.21                          | 20.55                   | 5.33                                  | 11.00                                  | 5.33                           |

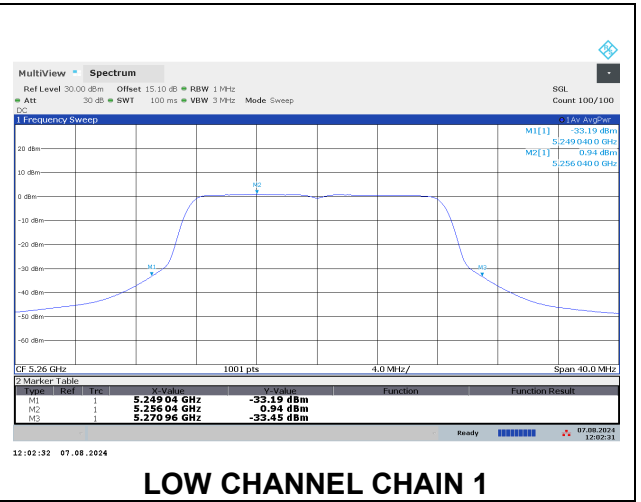
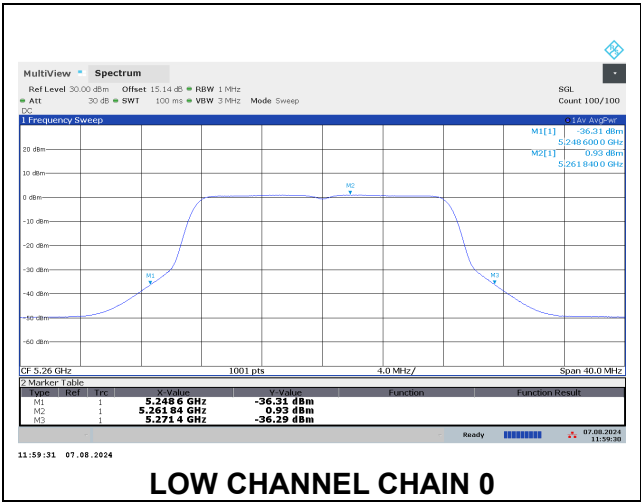
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 13.54                             | 13.49                             | 16.53                             | 20.54                   | -4.01                   |
| Mid     | 5300               | 13.44                             | 13.59                             | 16.53                             | 20.52                   | -4.00                   |
| High    | 5320               | 13.80                             | 13.49                             | 16.66                             | 20.55                   | -3.89                   |

### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5260               | 0.93                                     | 0.94                                     | 3.95                                     | 5.33                           | -1.38                 |
| Mid     | 5300               | 0.85                                     | 0.90                                     | 3.89                                     | 5.33                           | -1.44                 |
| High    | 5320               | 0.94                                     | 0.80                                     | 3.88                                     | 5.33                           | -1.45                 |



### 9.5.11. 802.11n HT20 MODE IN THE 5.3 GHz BAND

#### 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Low Gain)

|                |                          |
|----------------|--------------------------|
| Test Engineer: | 104412/84740 33499/84740 |
| Test Date:     | 2024-07-01, 2024-08-19   |

#### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Low     | 5260               | 22.680                      | 17.758                    | 5.20                                      |
| Mid     | 5300               | 22.720                      | 17.723                    | 5.20                                      |
| High    | 5320               | 22.440                      | 17.778                    | 5.20                                      |

#### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Low     | 5260               | 24.00                          | 23.49                           | 29.49                          | 23.49                   |
| Mid     | 5300               | 24.00                          | 23.49                           | 29.49                          | 23.49                   |
| High    | 5320               | 24.00                          | 23.50                           | 29.50                          | 23.50                   |

#### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 16.46                             | 16.39                             | 19.44                             | 23.49                   | -4.06                   |
| Mid     | 5300               | 16.55                             | 16.32                             | 19.45                             | 23.49                   | -4.04                   |
| High    | 5320               | 14.97                             | 14.79                             | 17.89                             | 23.50                   | -5.61                   |

## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-18  |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Low     | 5260               | 22.680                      | 17.758                    | 7.30                                      |
| Mid     | 5300               | 22.720                      | 17.723                    | 7.30                                      |
| High    | 5320               | 22.440                      | 17.778                    | 7.30                                      |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Low     | 5260               | 22.70                          | 23.49                           | 29.49                          | 22.19                   |
| Mid     | 5300               | 22.70                          | 23.49                           | 29.49                          | 22.19                   |
| High    | 5320               | 22.70                          | 23.50                           | 29.50                          | 22.20                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 14.51                             | 14.11                             | 17.32                             | 22.19                   | -4.87                   |
| Mid     | 5300               | 14.66                             | 14.19                             | 17.44                             | 22.19                   | -4.74                   |
| High    | 5320               | 14.78                             | 14.24                             | 17.53                             | 22.20                   | -4.67                   |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/84740 |
| Test Date:     | 2024-07-01   |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Low     | 5260               | 22.680                      | 17.758                    | 8.66                                      |
| Mid     | 5300               | 22.720                      | 17.723                    | 8.66                                      |
| High    | 5320               | 22.440                      | 17.778                    | 8.66                                      |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Low     | 5260               | 21.34                          | 23.49                           | 29.49                          | 20.83                   |
| Mid     | 5300               | 21.34                          | 23.49                           | 29.49                          | 20.83                   |
| High    | 5320               | 21.34                          | 23.50                           | 29.50                          | 20.84                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 13.50                             | 13.48                             | 16.50                             | 20.83                   | -4.33                   |
| Mid     | 5300               | 13.27                             | 13.60                             | 16.45                             | 20.83                   | -4.38                   |
| High    | 5320               | 13.23                             | 13.56                             | 16.41                             | 20.84                   | -4.43                   |

## 9.5.12. 802.11n HT40 MODE IN THE 5.3 GHz BAND

### 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Low Gain)

|                |                           |
|----------------|---------------------------|
| Test Engineer: | 104412/84740, 33499/84740 |
| Test Date:     | 2024-08-08, 2024-08-19    |

#### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5270               | 45.76                       | 36.538                    | 5.20                                      | 8.21                                    |
| High    | 5310               | 46.40                       | 36.462                    | 5.20                                      | 8.21                                    |

#### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5270               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 8.79                                  | 11.00                                  | 8.79                           |
| High    | 5310               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 8.79                                  | 11.00                                  | 8.79                           |

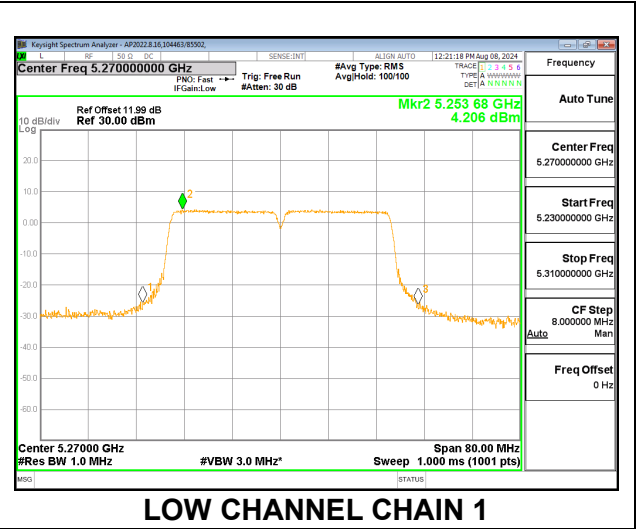
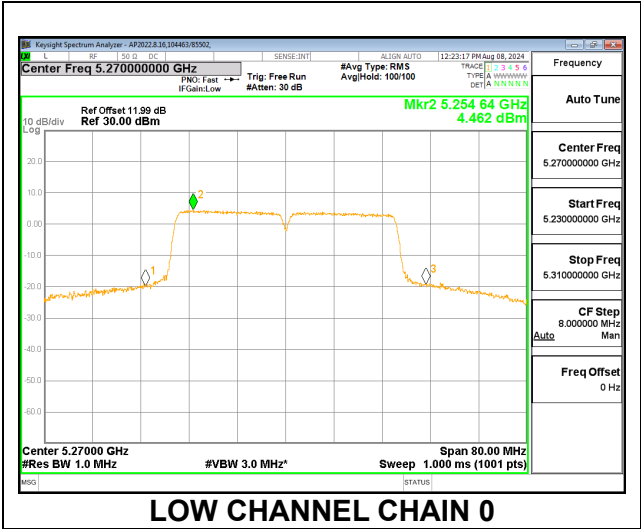
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

#### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5270               | 16.49                             | 16.44                             | 19.48                             | 24.00                   | -4.52                   |
| High    | 5310               | 12.74                             | 12.94                             | 15.85                             | 24.00                   | -8.15                   |

#### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5270               | 4.462                                    | 4.206                                    | 7.35                                     | 8.79                           | -1.44                 |
| High    | 5310               | 4.283                                    | 4.263                                    | 7.28                                     | 8.79                           | -1.51                 |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-18  |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5270               | 45.76                       | 36.538                    | 7.30                                      | 10.31                                   |
| High    | 5310               | 46.40                       | 36.462                    | 7.30                                      | 10.31                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5270               | 22.70                          | 24.00                           | 30.00                          | 22.70                   | 6.69                                  | 11.00                                  | 6.69                           |
| High    | 5310               | 22.70                          | 24.00                           | 30.00                          | 22.70                   | 6.69                                  | 11.00                                  | 6.69                           |

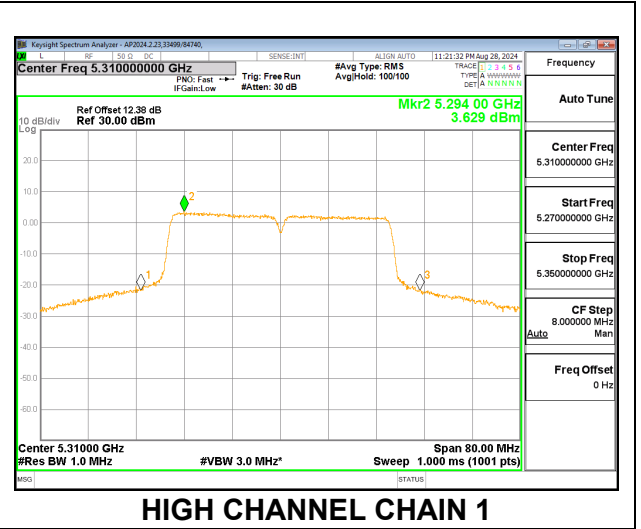
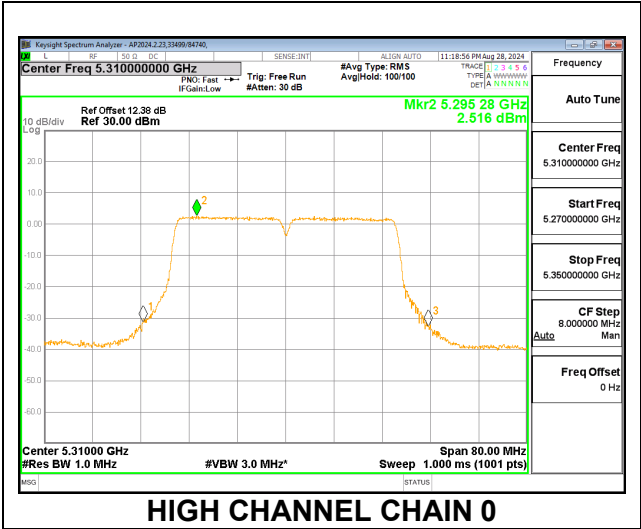
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5270               | 15.60                             | 15.26                             | 18.44                             | 22.70                   | -4.26                   |
| High    | 5310               | 12.86                             | 12.23                             | 15.57                             | 22.70                   | -7.13                   |

### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5270               | 2.80                                     | 2.86                                     | 5.84                                     | 6.69                           | -0.85                 |
| High    | 5310               | 2.52                                     | 3.63                                     | 6.12                                     | 6.69                           | -0.57                 |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

|                |                        |
|----------------|------------------------|
| Test Engineer: | 104412/84740, 85502    |
| Test Date:     | 2024-08-08, 2024-08-13 |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5270               | 45.76                       | 36.538                    | 8.66                                      | 11.67                                   |
| High    | 5310               | 46.40                       | 36.462                    | 8.66                                      | 11.67                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5270               | 21.34                          | 24.00                           | 30.00                          | 21.34                   | 5.33                                  | 11.00                                  | 5.33                           |
| High    | 5310               | 21.34                          | 24.00                           | 30.00                          | 21.34                   | 5.33                                  | 11.00                                  | 5.33                           |

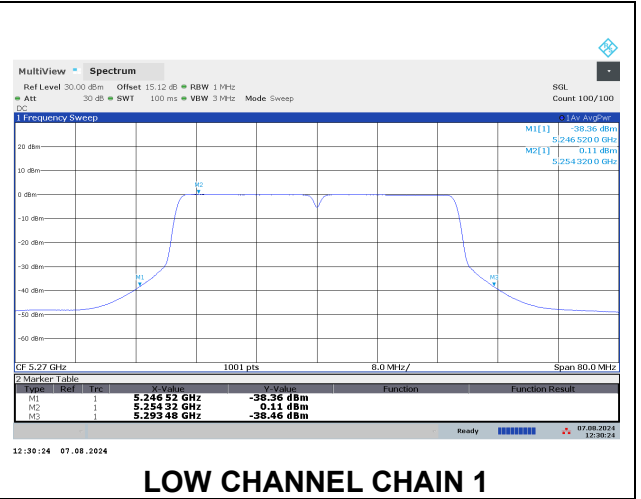
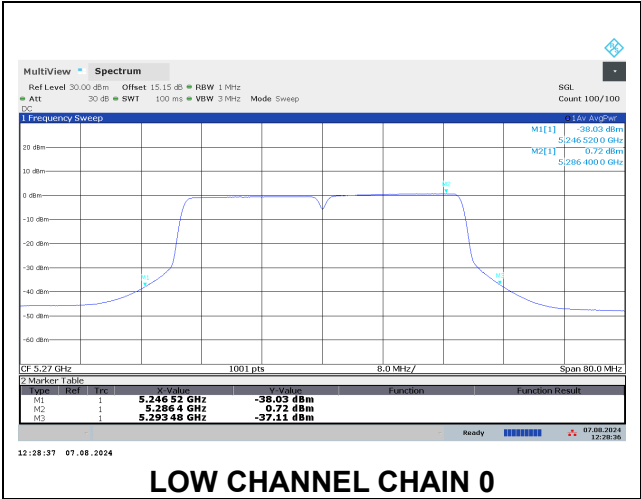
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5270               | 13.57                             | 13.48                             | 16.54                             | 21.34                   | -4.80                   |
| High    | 5310               | 12.45                             | 11.78                             | 15.14                             | 21.34                   | -6.20                   |

### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5270               | 0.72                                     | 0.11                                     | 3.44                                     | 5.33                           | -1.89                 |
| High    | 5310               | 0.04                                     | 0.29                                     | 3.18                                     | 5.33                           | -2.15                 |



### 9.5.13. 802.11ac VHT80 MODE IN THE 5.3 GHz BAND

#### 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Low Gain)

|                |                        |
|----------------|------------------------|
| Test Engineer: | 104412/84740           |
| Test Date:     | 2024-07-03, 2024-09-26 |

#### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Mid     | 5290               | 93.60                       | 76.128                    | 5.20                                      |

#### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Mid     | 5290               | 24.00                          | 24.00                           | 30.00                          | 24.00                   |

#### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 14.38                             | 14.91                             | 17.66                             | 24.00                   | -6.34                   |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-18  |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Mid     | 5290               | 93.60                       | 76.128                    | 7.30                                      |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Mid     | 5290               | 22.70                          | 24.00                           | 30.00                          | 22.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 13.14                             | 12.51                             | 15.85                             | 22.70                   | -6.85                   |

## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

|                |                        |
|----------------|------------------------|
| Test Engineer: | 104412/84740           |
| Test Date:     | 2024-07-01, 2024-09-26 |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Mid     | 5290               | 93.60                       | 76.128                    | 8.66                                      |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Mid     | 5290               | 21.34                          | 24.00                           | 30.00                          | 21.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 11.31                             | 10.55                             | 13.96                             | 21.34                   | -7.38                   |

### 9.5.14. 802.11be EHT20 MODE 2TX IN THE 5.3GHz BAND (FCC+IC)

#### 2TX CHAIN 0 + CHAIN 1 CDD MODE: 26T (Low Gain)

|                |                           |
|----------------|---------------------------|
| Test Engineer: | 105900/84740, 33499/84740 |
| Test Date:     | 2024-08-19                |

#### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5260               | 20.32                       | 2.1176                    | 5.20                                      | 8.21                                    |
| Mid     | 5300               | 18.24                       | 2.5800                    | 5.20                                      | 8.21                                    |
| High    | 5320               | 20.20                       | 2.1365                    | 5.20                                      | 8.21                                    |

#### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5260               | 24.00                          | 14.26                           | 20.26                          | 14.26                   | 8.79                                  | 11.00                                  | 8.79                           |
| Mid     | 5300               | 23.61                          | 15.12                           | 21.12                          | 15.12                   | 8.79                                  | 11.00                                  | 8.79                           |
| High    | 5320               | 24.00                          | 14.30                           | 20.30                          | 14.30                   | 8.79                                  | 11.00                                  | 8.79                           |

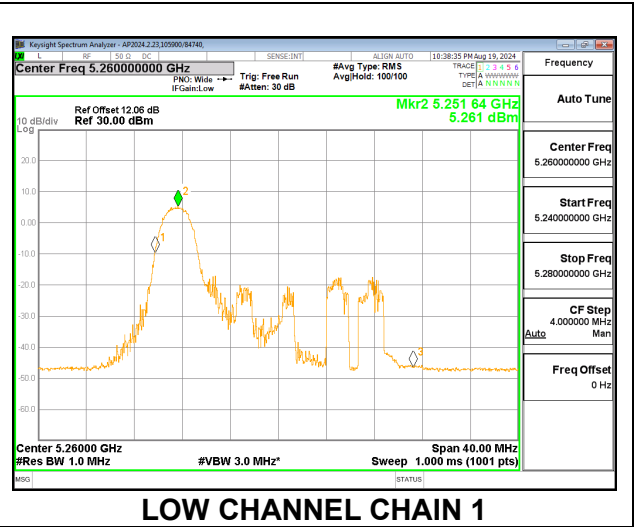
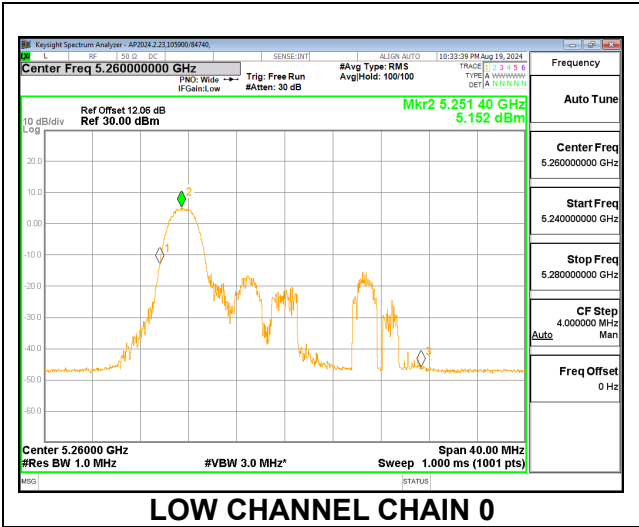
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

#### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 8.24                              | 7.90                              | 11.08                             | 14.26                   | -3.17                   |
| Mid     | 5300               | 8.48                              | 8.57                              | 11.54                             | 15.12                   | -3.58                   |
| High    | 5320               | 8.22                              | 7.79                              | 11.02                             | 14.30                   | -3.28                   |

#### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5260               | 5.152                                    | 5.261                                    | 8.22                                     | 8.79                           | -0.57                 |
| Mid     | 5300               | 4.370                                    | 4.618                                    | 7.51                                     | 8.79                           | -1.28                 |
| High    | 5320               | 5.521                                    | 4.852                                    | 8.21                                     | 8.79                           | -0.58                 |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE: 26T (Mid Gain)

|                |                           |
|----------------|---------------------------|
| Test Engineer: | 105900/84740, 33499/84740 |
| Test Date:     | 2024-08-28, 2024-09-18    |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5260               | 20.32                       | 2.1176                    | 7.30                                      | 10.31                                   |
| Mid     | 5300               | 18.24                       | 2.5800                    | 7.30                                      | 10.31                                   |
| High    | 5320               | 20.20                       | 2.1365                    | 7.30                                      | 10.31                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5260               | 22.70                          | 14.26                           | 20.26                          | 12.96                   | 6.69                                  | 11.00                                  | 6.69                           |
| Mid     | 5300               | 22.31                          | 15.12                           | 21.12                          | 13.82                   | 6.69                                  | 11.00                                  | 6.69                           |
| High    | 5320               | 22.70                          | 14.30                           | 20.30                          | 13.00                   | 6.69                                  | 11.00                                  | 6.69                           |

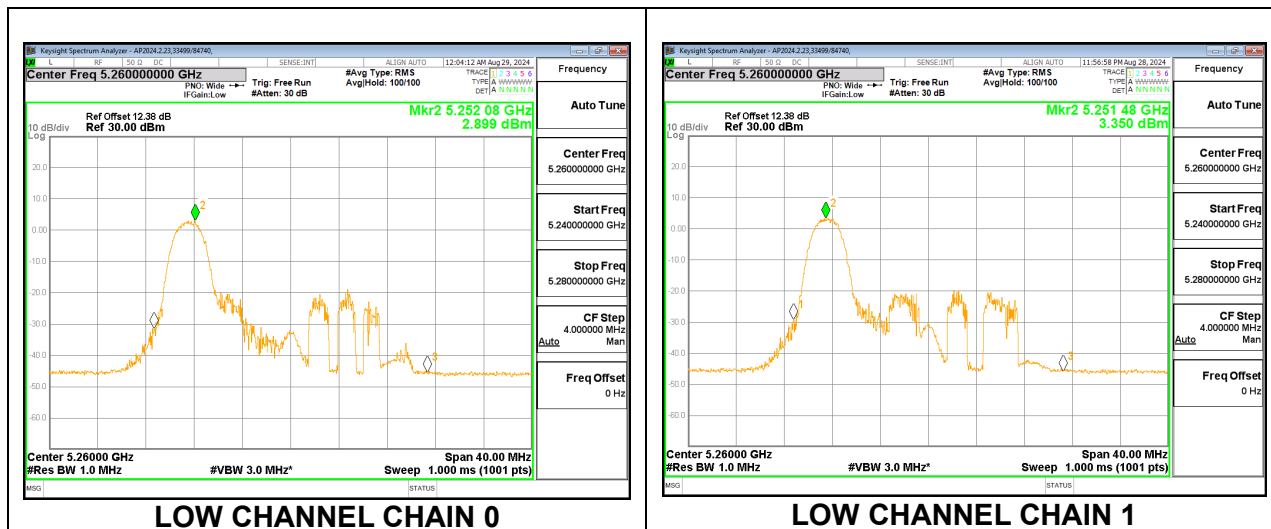
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 6.50                              | 5.97                              | 9.25                              | 12.96                   | -3.71                   |
| Mid     | 5300               | 7.45                              | 6.45                              | 9.99                              | 13.82                   | -3.83                   |
| High    | 5320               | 6.77                              | 5.79                              | 9.32                              | 13.00                   | -3.68                   |

### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5260               | 2.899                                    | 3.350                                    | 6.14                                     | 6.69                           | -0.55                 |
| Mid     | 5300               | 2.493                                    | 3.574                                    | 6.08                                     | 6.69                           | -0.61                 |
| High    | 5320               | 2.466                                    | 2.542                                    | 5.51                                     | 6.69                           | -1.18                 |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE: 26T (High Gain)

|                |                        |
|----------------|------------------------|
| Test Engineer: | 104412/84740, 85502    |
| Test Date:     | 2024-08-08, 2024-08-14 |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5260               | 20.32                       | 2.1176                    | 8.66                                      | 11.67                                   |
| Mid     | 5300               | 18.24                       | 2.5800                    | 8.66                                      | 11.67                                   |
| High    | 5320               | 20.20                       | 2.1365                    | 8.66                                      | 11.67                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5260               | 21.34                          | 14.26                           | 20.26                          | 11.60                   | 5.33                                  | 11.00                                  | 5.33                           |
| Mid     | 5300               | 20.95                          | 15.12                           | 21.12                          | 12.46                   | 5.33                                  | 11.00                                  | 5.33                           |
| High    | 5320               | 21.34                          | 14.30                           | 20.30                          | 11.64                   | 5.33                                  | 11.00                                  | 5.33                           |

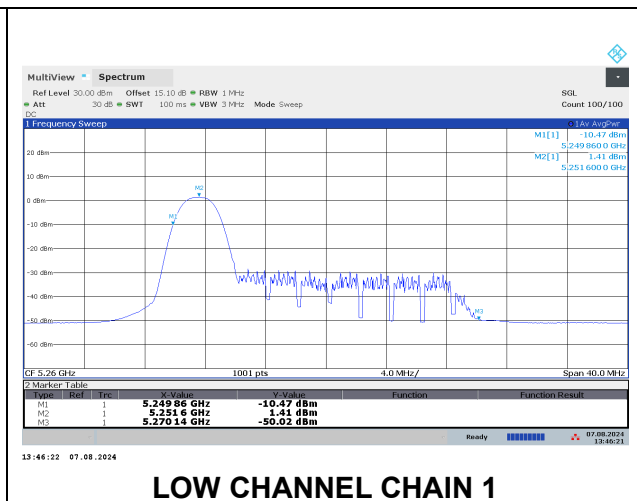
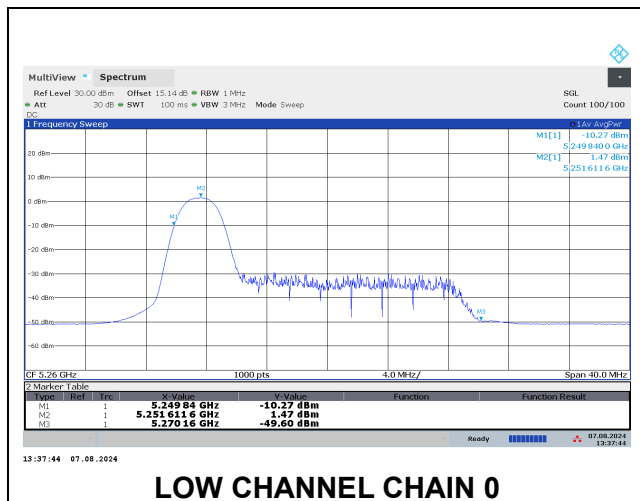
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 5.34                              | 5.10                              | 8.23                              | 11.60                   | -3.37                   |
| Mid     | 5300               | 5.79                              | 5.45                              | 8.63                              | 12.46                   | -3.82                   |
| High    | 5320               | 5.44                              | 5.17                              | 8.32                              | 11.64                   | -3.32                   |

### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5260               | 1.47                                     | 1.41                                     | 4.45                                     | 5.33                           | -0.88                 |
| Mid     | 5300               | 0.86                                     | 0.75                                     | 3.82                                     | 5.33                           | -1.51                 |
| High    | 5320               | 1.36                                     | 1.04                                     | 4.21                                     | 5.33                           | -1.12                 |





## 2TX CHAIN 0 + CHAIN 1 CDD MODE: 52T (Low Gain)

|                |                           |
|----------------|---------------------------|
| Test Engineer: | 33499/84740, 105900/84740 |
| Test Date:     | 2024-08-19, 2024-08-20    |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5260               | 20.44                       | 4.0673                    | 5.20                                      | 8.21                                    |
| Mid     | 5300               | 18.44                       | 4.0831                    | 5.20                                      | 8.21                                    |
| High    | 5320               | 20.56                       | 4.0993                    | 5.20                                      | 8.21                                    |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5260               | 24.00                          | 17.09                           | 23.09                          | 17.09                   | 8.79                                  | 11.00                                  | 8.79                           |
| Mid     | 5300               | 23.66                          | 17.11                           | 23.11                          | 17.11                   | 8.79                                  | 11.00                                  | 8.79                           |
| High    | 5320               | 24.00                          | 17.13                           | 23.13                          | 17.13                   | 8.79                                  | 11.00                                  | 8.79                           |

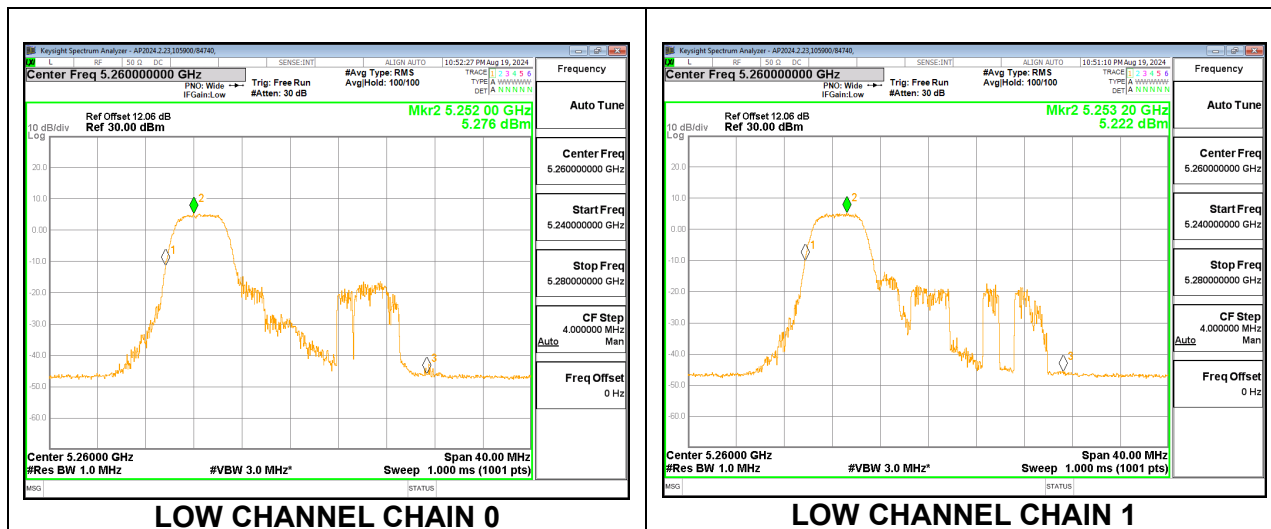
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 10.72                             | 10.53                             | 13.64                             | 17.09                   | -3.46                   |
| Mid     | 5300               | 11.04                             | 10.97                             | 14.02                             | 17.11                   | -3.09                   |
| High    | 5320               | 10.75                             | 10.57                             | 13.67                             | 17.13                   | -3.46                   |

### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5260               | 5.276                                    | 5.222                                    | 8.26                                     | 8.79                           | -0.53                 |
| Mid     | 5300               | 3.170                                    | 3.450                                    | 6.32                                     | 8.79                           | -2.47                 |
| High    | 5320               | 5.082                                    | 4.965                                    | 8.03                                     | 8.79                           | -0.76                 |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE: 52T (Mid Gain)

|                       |                           |
|-----------------------|---------------------------|
| <b>Test Engineer:</b> | 105900/84740, 33499/84740 |
| <b>Test Date:</b>     | 2024-08-28, 2024-09-18    |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5260               | 20.44                       | 4.0673                    | 7.30                                      | 10.31                                   |
| Mid     | 5300               | 18.44                       | 4.0831                    | 7.30                                      | 10.31                                   |
| High    | 5320               | 20.56                       | 4.0993                    | 7.30                                      | 10.31                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5260               | 22.70                          | 17.09                           | 23.09                          | 15.79                   | 6.69                                  | 11.00                                  | 6.69                           |
| Mid     | 5300               | 22.36                          | 17.11                           | 23.11                          | 15.81                   | 6.69                                  | 11.00                                  | 6.69                           |
| High    | 5320               | 22.70                          | 17.13                           | 23.13                          | 15.83                   | 6.69                                  | 11.00                                  | 6.69                           |

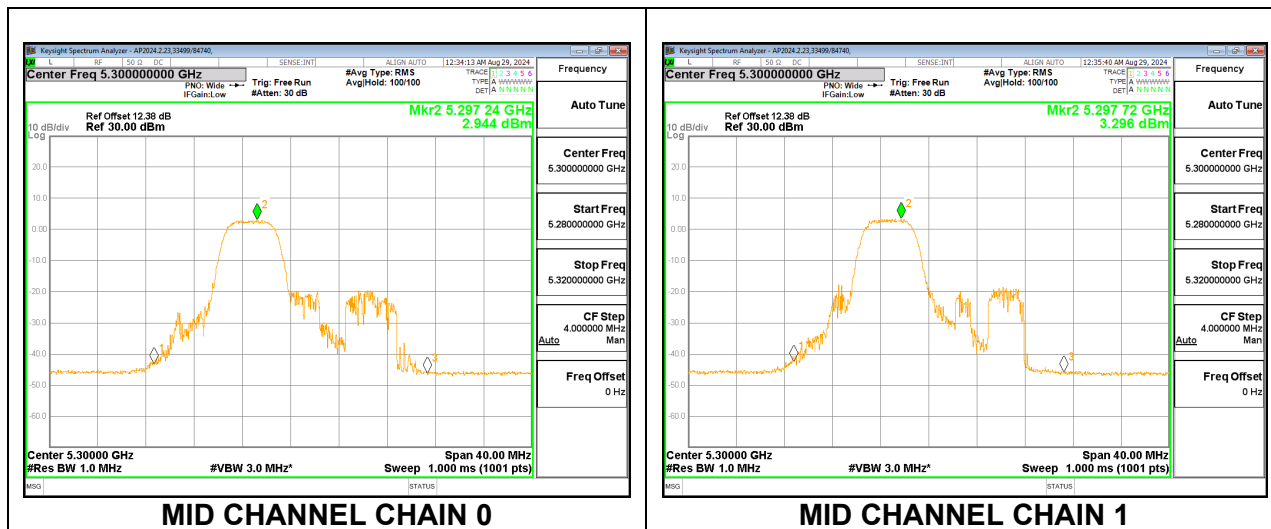
|                           |      |                                               |
|---------------------------|------|-----------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | <b>Included in Calculations of Corr'd PSD</b> |
|---------------------------|------|-----------------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 8.51                              | 7.89                              | 11.22                             | 15.79                   | -4.57                   |
| Mid     | 5300               | 8.83                              | 8.27                              | 11.57                             | 15.81                   | -4.24                   |
| High    | 5320               | 8.68                              | 8.04                              | 11.38                             | 15.83                   | -4.45                   |

### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5260               | 2.386                                    | 2.500                                    | 5.45                                     | 6.69                           | -1.24                 |
| Mid     | 5300               | 2.944                                    | 3.296                                    | 6.13                                     | 6.69                           | -0.56                 |
| High    | 5320               | 2.580                                    | 3.109                                    | 5.86                                     | 6.69                           | -0.83                 |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE: 52T (High Gain)

|                |                        |
|----------------|------------------------|
| Test Engineer: | 104412/84740, 85502    |
| Test Date:     | 2024-07-01, 2024-08-08 |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5260               | 20.44                       | 4.0673                    | 8.66                                      | 11.67                                   |
| Mid     | 5300               | 18.44                       | 4.0831                    | 8.66                                      | 11.67                                   |
| High    | 5320               | 20.56                       | 4.0993                    | 8.66                                      | 11.67                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5260               | 21.34                          | 17.09                           | 23.09                          | 14.43                   | 5.33                                  | 11.00                                  | 5.33                           |
| Mid     | 5300               | 21.00                          | 17.11                           | 23.11                          | 14.45                   | 5.33                                  | 11.00                                  | 5.33                           |
| High    | 5320               | 21.34                          | 17.13                           | 23.13                          | 14.47                   | 5.33                                  | 11.00                                  | 5.33                           |

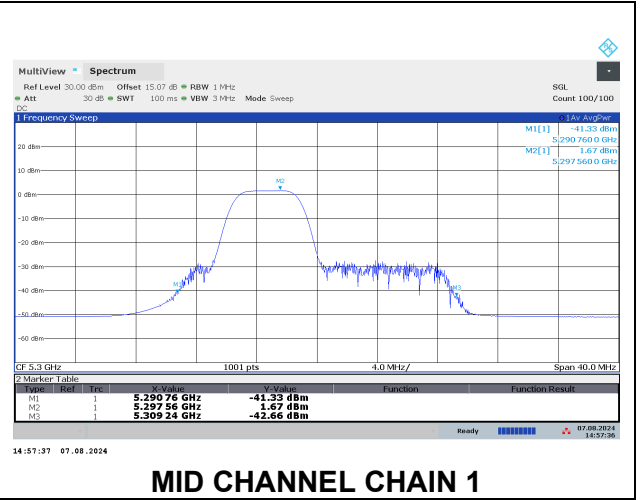
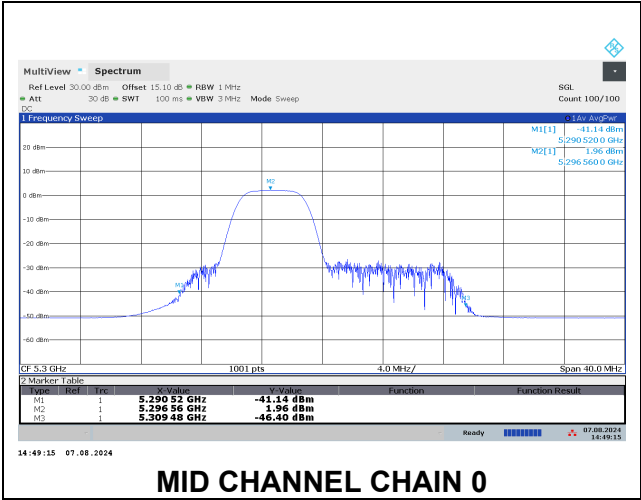
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 8.54                              | 8.26                              | 11.41                             | 14.43                   | -3.02                   |
| Mid     | 5300               | 8.72                              | 8.67                              | 11.71                             | 14.45                   | -2.74                   |
| High    | 5320               | 8.40                              | 8.13                              | 11.28                             | 14.47                   | -3.19                   |

### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5260               | 1.75                                     | 1.70                                     | 4.74                                     | 5.33                           | -0.59                 |
| Mid     | 5300               | 1.96                                     | 1.67                                     | 4.83                                     | 5.33                           | -0.50                 |
| High    | 5320               | 1.67                                     | 1.44                                     | 4.57                                     | 5.33                           | -0.76                 |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE: 52T+26T (Low Gain)

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-08-19  |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Low     | 5260               | 19.12                       | 6.1268                    | 5.20                                      |
| Mid     | 5300               | 19.16                       | 6.1393                    | 5.20                                      |
| High    | 5320               | 19.40                       | 6.1342                    | 5.20                                      |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Low     | 5260               | 23.81                          | 18.87                           | 24.87                          | 18.87                   |
| Mid     | 5300               | 23.82                          | 18.88                           | 24.88                          | 18.88                   |
| High    | 5320               | 23.88                          | 18.88                           | 24.88                          | 18.88                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 11.05                             | 11.04                             | 14.06                             | 18.87                   | -4.82                   |
| Mid     | 5300               | 11.06                             | 10.98                             | 14.03                             | 18.88                   | -4.85                   |
| High    | 5320               | 11.02                             | 10.95                             | 14.00                             | 18.88                   | -4.88                   |

## 2TX CHAIN 0 + CHAIN 1 CDD MODE: 52T+26T (Mid Gain)

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-18  |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Low     | 5260               | 19.12                       | 6.1268                    | 7.30                                      |
| Mid     | 5300               | 19.16                       | 6.1393                    | 7.30                                      |
| High    | 5320               | 19.40                       | 6.1342                    | 7.30                                      |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Low     | 5260               | 22.51                          | 18.87                           | 24.87                          | 17.57                   |
| Mid     | 5300               | 22.52                          | 18.88                           | 24.88                          | 17.58                   |
| High    | 5320               | 22.58                          | 18.88                           | 24.88                          | 17.58                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 8.02                              | 7.87                              | 10.96                             | 17.57                   | -6.62                   |
| Mid     | 5300               | 8.12                              | 7.82                              | 10.98                             | 17.58                   | -6.60                   |
| High    | 5320               | 8.18                              | 8.14                              | 11.17                             | 17.58                   | -6.41                   |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE: 52T+26T (High Gain)

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/84740 |
| Test Date:     | 2024-07-01   |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Low     | 5260               | 19.12                       | 6.1268                    | 8.66                                      |
| Mid     | 5300               | 19.16                       | 6.1393                    | 8.66                                      |
| High    | 5320               | 19.40                       | 6.1342                    | 8.66                                      |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Low     | 5260               | 21.15                          | 18.87                           | 24.87                          | 16.21                   |
| Mid     | 5300               | 21.16                          | 18.88                           | 24.88                          | 16.22                   |
| High    | 5320               | 21.22                          | 18.88                           | 24.88                          | 16.22                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 8.72                              | 8.50                              | 11.62                             | 16.21                   | -4.59                   |
| Mid     | 5300               | 8.53                              | 8.74                              | 11.65                             | 16.22                   | -4.57                   |
| High    | 5320               | 8.67                              | 8.68                              | 11.69                             | 16.22                   | -4.53                   |

## 2TX CHAIN 0 + CHAIN 1 CDD MODE: 106T (Low Gain)

|                |                    |
|----------------|--------------------|
| Test Engineer: | 33489/84740, 85502 |
| Test Date:     | 2024-08-21         |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5260               | 20.76                       | 8.4494                    | 5.20                                      | 8.21                                    |
| Mid     | 5300               | 20.80                       | 8.4247                    | 5.20                                      | 8.21                                    |
| High    | 5320               | 20.68                       | 8.4388                    | 5.20                                      | 8.21                                    |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5260               | 24.00                          | 20.27                           | 26.27                          | 20.27                   | 8.79                                  | 11.00                                  | 8.79                           |
| Mid     | 5300               | 24.00                          | 20.26                           | 26.26                          | 20.26                   | 8.79                                  | 11.00                                  | 8.79                           |
| High    | 5320               | 24.00                          | 20.26                           | 26.26                          | 20.26                   | 8.79                                  | 11.00                                  | 8.79                           |

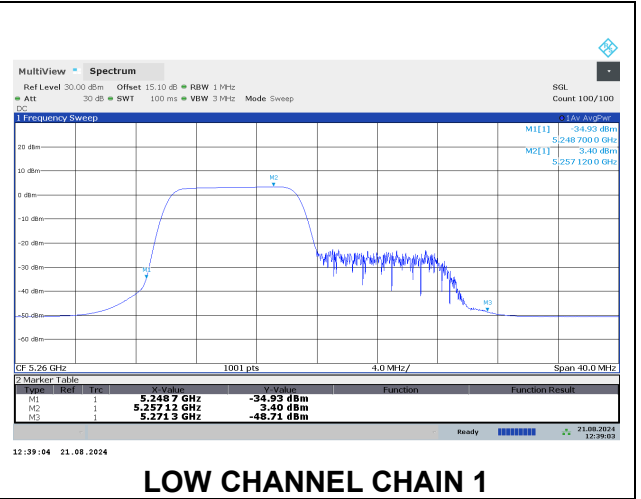
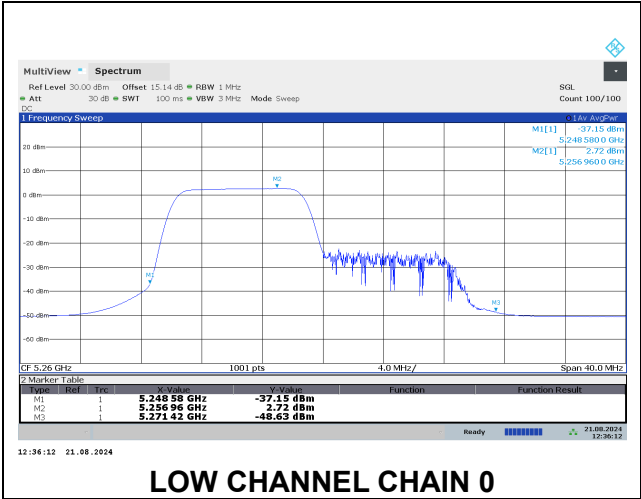
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 13.78                             | 13.25                             | 16.53                             | 20.27                   | -3.73                   |
| Mid     | 5300               | 13.71                             | 13.36                             | 16.55                             | 20.26                   | -3.71                   |
| High    | 5320               | 13.80                             | 13.42                             | 16.62                             | 20.26                   | -3.64                   |

### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5260               | 2.72                                     | 3.40                                     | 6.08                                     | 8.79                           | -2.71                 |
| Mid     | 5300               | 2.68                                     | 3.05                                     | 5.88                                     | 8.79                           | -2.91                 |
| High    | 5320               | 2.54                                     | 2.80                                     | 5.68                                     | 8.79                           | -3.11                 |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE: 106T (Mid Gain)

|                |                           |
|----------------|---------------------------|
| Test Engineer: | 105900/84740, 33499/84740 |
| Test Date:     | 2024-09-17, 2024-09-18    |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5260               | 20.76                       | 8.4494                    | 7.30                                      | 10.31                                   |
| Mid     | 5300               | 20.80                       | 8.4247                    | 7.30                                      | 10.31                                   |
| High    | 5320               | 20.68                       | 8.4388                    | 7.30                                      | 10.31                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5260               | 22.70                          | 20.27                           | 26.27                          | 18.97                   | 6.69                                  | 11.00                                  | 6.69                           |
| Mid     | 5300               | 22.70                          | 20.26                           | 26.26                          | 18.96                   | 6.69                                  | 11.00                                  | 6.69                           |
| High    | 5320               | 22.70                          | 20.26                           | 26.26                          | 18.96                   | 6.69                                  | 11.00                                  | 6.69                           |

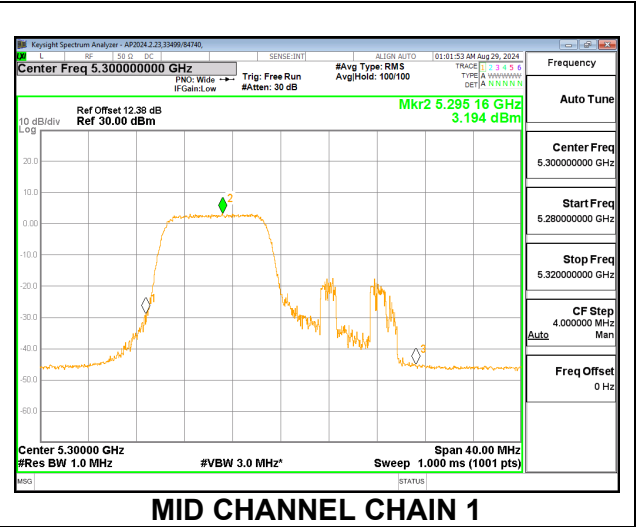
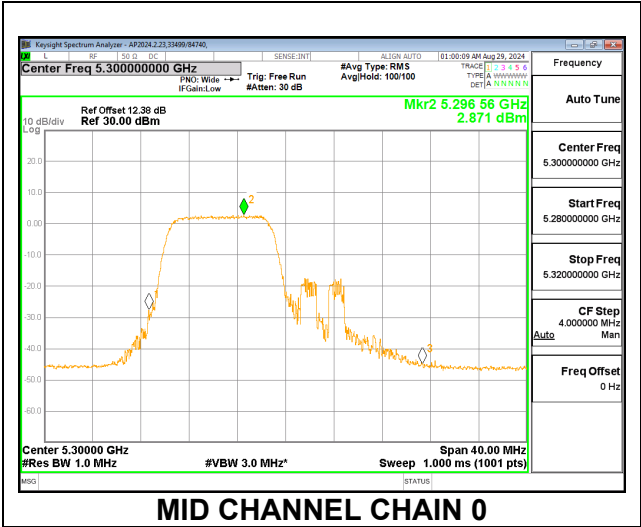
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 11.25                             | 10.88                             | 14.08                             | 18.97                   | -4.89                   |
| Mid     | 5300               | 11.02                             | 10.30                             | 13.69                             | 18.96                   | -5.27                   |
| High    | 5320               | 11.26                             | 10.86                             | 14.07                             | 18.96                   | -4.89                   |

### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5260               | 2.740                                    | 2.819                                    | 5.79                                     | 6.69                           | -0.90                 |
| Mid     | 5300               | 2.871                                    | 3.194                                    | 6.05                                     | 6.69                           | -0.64                 |
| High    | 5320               | 2.694                                    | 3.177                                    | 5.95                                     | 6.69                           | -0.74                 |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE: 106T (High Gain)

|                |                        |
|----------------|------------------------|
| Test Engineer: | 104412/84740, 85502    |
| Test Date:     | 2024-07-01, 2024-08-09 |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5260               | 20.76                       | 8.4494                    | 8.66                                      | 11.67                                   |
| Mid     | 5300               | 20.80                       | 8.4247                    | 8.66                                      | 11.67                                   |
| High    | 5320               | 20.68                       | 8.4388                    | 8.66                                      | 11.67                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5260               | 21.34                          | 20.27                           | 26.27                          | 17.61                   | 5.33                                  | 11.00                                  | 5.33                           |
| Mid     | 5300               | 21.34                          | 20.26                           | 26.26                          | 17.60                   | 5.33                                  | 11.00                                  | 5.33                           |
| High    | 5320               | 21.34                          | 20.26                           | 26.26                          | 17.60                   | 5.33                                  | 11.00                                  | 5.33                           |

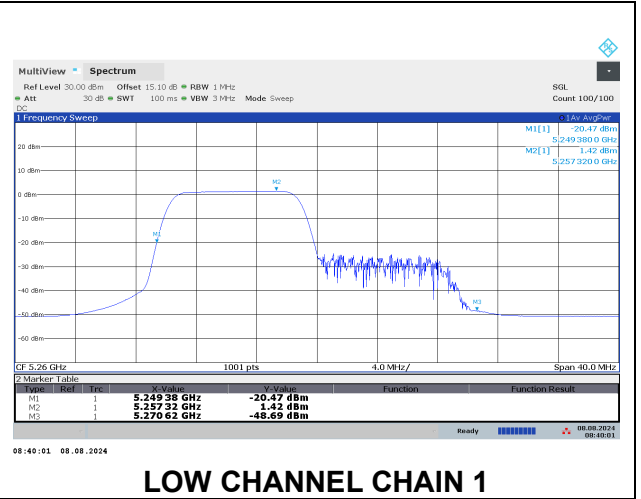
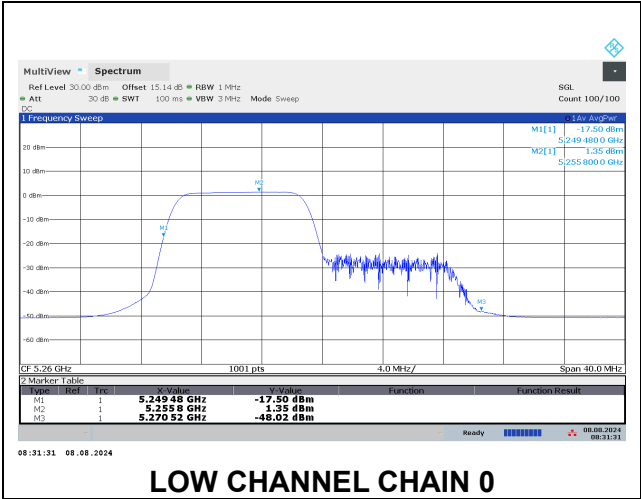
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 10.95                             | 11.08                             | 14.03                             | 17.61                   | -3.58                   |
| Mid     | 5300               | 10.81                             | 11.08                             | 13.96                             | 17.60                   | -3.64                   |
| High    | 5320               | 11.09                             | 10.91                             | 14.01                             | 17.60                   | -3.59                   |

### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5260               | 1.35                                     | 1.42                                     | 4.40                                     | 5.33                           | -0.93                 |
| Mid     | 5300               | 1.24                                     | 1.20                                     | 4.23                                     | 5.33                           | -1.10                 |
| High    | 5320               | 1.07                                     | 1.28                                     | 4.19                                     | 5.33                           | -1.14                 |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE: 106T+26T (Low Gain)

|                |             |
|----------------|-------------|
| Test Engineer: | 33489/84740 |
| Test Date:     | 2024-08-21  |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Low     | 5260               | 21.00                       | 11.0300                   | 5.20                                      |
| Mid     | 5300               | 21.00                       | 10.9370                   | 5.20                                      |
| High    | 5320               | 21.24                       | 10.9130                   | 5.20                                      |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Low     | 5260               | 24.00                          | 21.43                           | 27.43                          | 21.43                   |
| Mid     | 5300               | 24.00                          | 21.39                           | 27.39                          | 21.39                   |
| High    | 5320               | 24.00                          | 21.38                           | 27.38                          | 21.38                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 13.74                             | 13.36                             | 16.56                             | 21.43                   | -4.86                   |
| Mid     | 5300               | 13.78                             | 13.44                             | 16.62                             | 21.39                   | -4.77                   |
| High    | 5320               | 13.86                             | 13.51                             | 16.70                             | 21.38                   | -4.68                   |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE: 106T+26T (Mid Gain)

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-18  |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Low     | 5260               | 21.00                       | 11.0300                   | 7.30                                      |
| Mid     | 5300               | 21.00                       | 10.9370                   | 7.30                                      |
| High    | 5320               | 21.24                       | 10.9130                   | 7.30                                      |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Low     | 5260               | 22.70                          | 21.43                           | 27.43                          | 20.13                   |
| Mid     | 5300               | 22.70                          | 21.39                           | 27.39                          | 20.09                   |
| High    | 5320               | 22.70                          | 21.38                           | 27.38                          | 20.08                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 11.19                             | 10.93                             | 14.07                             | 20.13                   | -6.05                   |
| Mid     | 5300               | 11.10                             | 10.32                             | 13.74                             | 20.09                   | -6.35                   |
| High    | 5320               | 11.18                             | 10.94                             | 14.07                             | 20.08                   | -6.01                   |

## 2TX CHAIN 0 + CHAIN 1 CDD MODE: 106T+26T (High Gain)

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/84740 |
| Test Date:     | 2024-07-01   |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Low     | 5260               | 21.00                       | 11.0300                   | 8.66                                      |
| Mid     | 5300               | 21.00                       | 10.9370                   | 8.66                                      |
| High    | 5320               | 21.24                       | 10.9130                   | 8.66                                      |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Low     | 5260               | 21.34                          | 21.43                           | 27.43                          | 18.77                   |
| Mid     | 5300               | 21.34                          | 21.39                           | 27.39                          | 18.73                   |
| High    | 5320               | 21.34                          | 21.38                           | 27.38                          | 18.72                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 11.05                             | 10.91                             | 13.99                             | 18.77                   | -4.77                   |
| Mid     | 5300               | 11.06                             | 10.80                             | 13.94                             | 18.73                   | -4.79                   |
| High    | 5320               | 11.09                             | 10.89                             | 14.00                             | 18.72                   | -4.72                   |

## 2TX CHAIN 0 + CHAIN 1 CDD MODE: 242T (Low Gain)

|                |                           |
|----------------|---------------------------|
| Test Engineer: | 104412/84740, 33499/84740 |
| Test Date:     | 2024-08-08, 2024-08-19    |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5260               | 22.40                       | 18.9520                   | 5.20                                      | 8.21                                    |
| Mid     | 5300               | 22.40                       | 18.9560                   | 5.20                                      | 8.21                                    |
| High    | 5320               | 22.76                       | 19.0270                   | 5.20                                      | 8.21                                    |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5260               | 24.00                          | 23.78                           | 29.78                          | 23.78                   | 8.79                                  | 11.00                                  | 8.79                           |
| Mid     | 5300               | 24.00                          | 23.78                           | 29.78                          | 23.78                   | 8.79                                  | 11.00                                  | 8.79                           |
| High    | 5320               | 24.00                          | 23.79                           | 29.79                          | 23.79                   | 8.79                                  | 11.00                                  | 8.79                           |

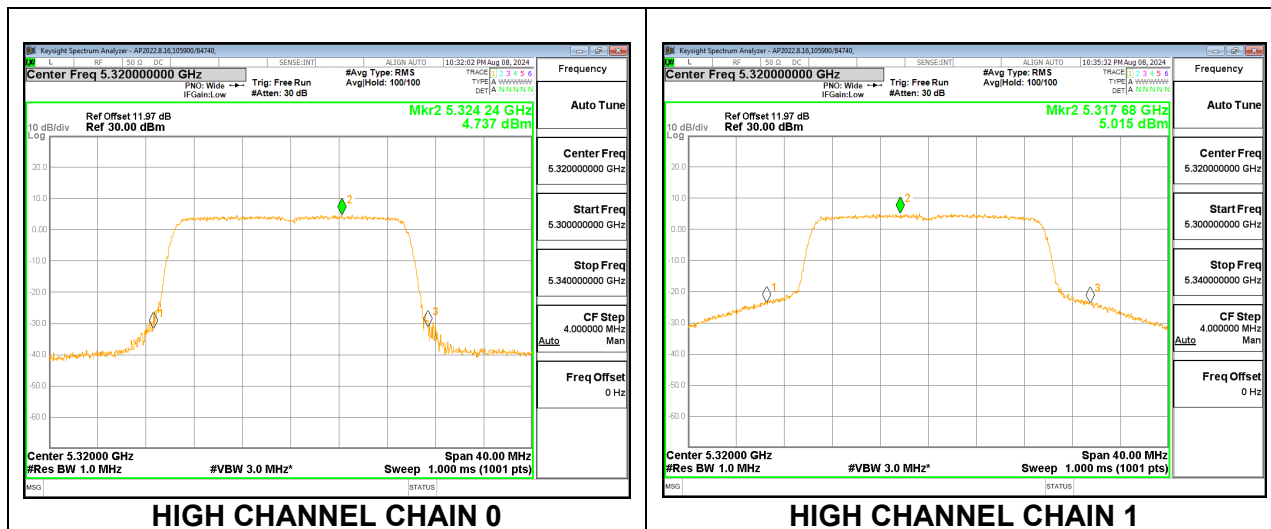
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 15.50                             | 15.31                             | 18.42                             | 23.78                   | -5.36                   |
| Mid     | 5300               | 15.43                             | 15.25                             | 18.35                             | 23.78                   | -5.43                   |
| High    | 5320               | 15.44                             | 15.22                             | 18.34                             | 23.79                   | -5.45                   |

### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5260               | 4.849                                    | 4.578                                    | 7.73                                     | 8.79                           | -1.06                 |
| Mid     | 5300               | 4.545                                    | 4.568                                    | 7.57                                     | 8.79                           | -1.22                 |
| High    | 5320               | 4.737                                    | 5.015                                    | 7.89                                     | 8.79                           | -0.90                 |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE: 242T (Mid Gain)

|                |                           |
|----------------|---------------------------|
| Test Engineer: | 105900/84740, 33499/84740 |
| Test Date:     | 2024-08-29, 2024-09-18    |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5260               | 22.40                       | 18.9520                   | 7.30                                      | 10.31                                   |
| Mid     | 5300               | 22.40                       | 18.9560                   | 7.30                                      | 10.31                                   |
| High    | 5320               | 22.76                       | 19.0270                   | 7.30                                      | 10.31                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5260               | 22.70                          | 23.78                           | 29.78                          | 22.48                   | 6.69                                  | 11.00                                  | 6.69                           |
| Mid     | 5300               | 22.70                          | 23.78                           | 29.78                          | 22.48                   | 6.69                                  | 11.00                                  | 6.69                           |
| High    | 5320               | 22.70                          | 23.79                           | 29.79                          | 22.49                   | 6.69                                  | 11.00                                  | 6.69                           |

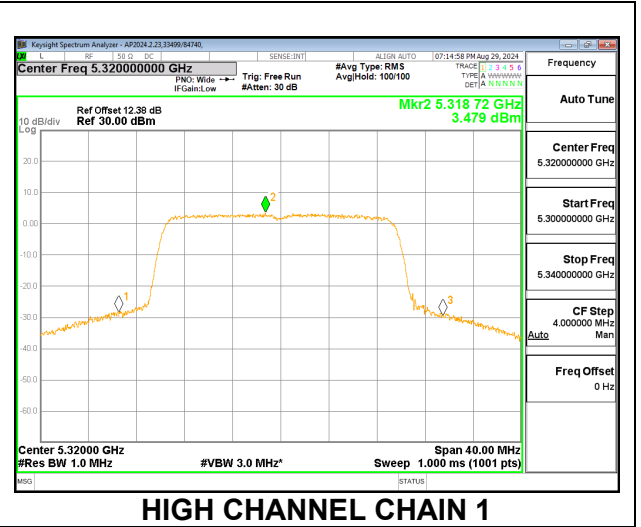
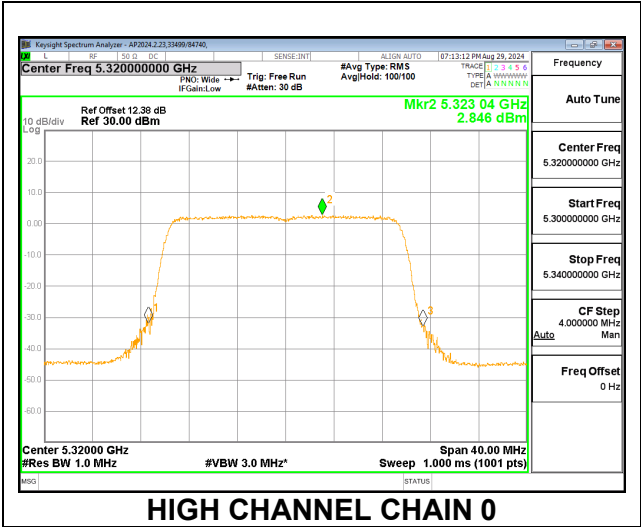
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 14.00                             | 13.56                             | 16.80                             | 22.48                   | -5.68                   |
| Mid     | 5300               | 14.16                             | 13.55                             | 16.88                             | 22.48                   | -5.60                   |
| High    | 5320               | 14.19                             | 13.77                             | 17.00                             | 22.49                   | -5.50                   |

### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5260               | 2.747                                    | 3.161                                    | 5.97                                     | 6.69                           | -0.72                 |
| Mid     | 5300               | 2.430                                    | 2.891                                    | 5.68                                     | 6.69                           | -1.01                 |
| High    | 5320               | 2.846                                    | 3.479                                    | 6.18                                     | 6.69                           | -0.51                 |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE: 242T (High Gain)

|                |                        |
|----------------|------------------------|
| Test Engineer: | 104412/84740           |
| Test Date:     | 2024-07-01, 2024-08-09 |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5260               | 22.40                       | 18.9520                   | 8.66                                      | 11.67                                   |
| Mid     | 5300               | 22.40                       | 18.9560                   | 8.66                                      | 11.67                                   |
| High    | 5320               | 22.76                       | 19.0270                   | 8.66                                      | 11.67                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5260               | 21.34                          | 23.78                           | 29.78                          | 21.12                   | 5.33                                  | 11.00                                  | 5.33                           |
| Mid     | 5300               | 21.34                          | 23.78                           | 29.78                          | 21.12                   | 5.33                                  | 11.00                                  | 5.33                           |
| High    | 5320               | 21.34                          | 23.79                           | 29.79                          | 21.13                   | 5.33                                  | 11.00                                  | 5.33                           |

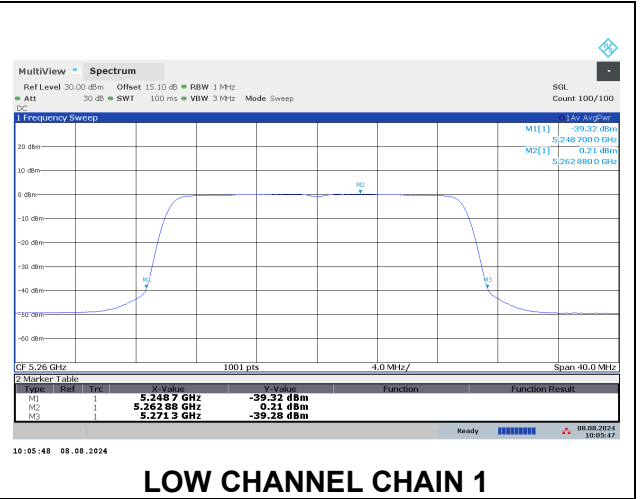
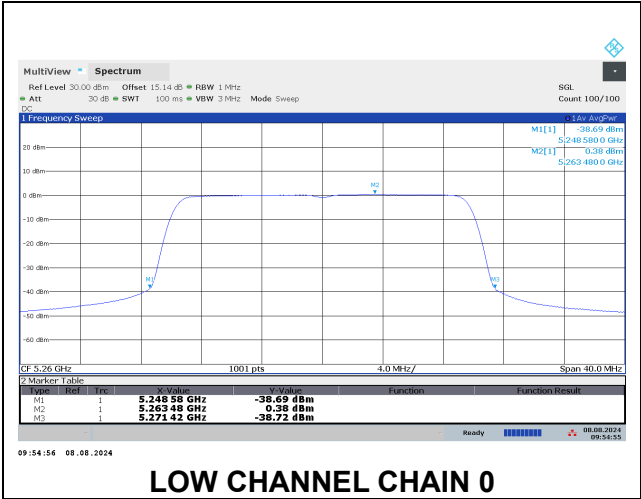
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5260               | 13.39                             | 13.30                             | 16.36                             | 21.12                   | -4.76                   |
| Mid     | 5300               | 13.25                             | 13.47                             | 16.37                             | 21.12                   | -4.75                   |
| High    | 5320               | 13.32                             | 13.42                             | 16.38                             | 21.13                   | -4.75                   |

### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5260               | 0.38                                     | 0.21                                     | 3.31                                     | 5.33                           | -2.02                 |
| Mid     | 5300               | 0.10                                     | 0.29                                     | 3.21                                     | 5.33                           | -2.12                 |
| High    | 5320               | 0.19                                     | 0.22                                     | 3.22                                     | 5.33                           | -2.11                 |





### 9.5.15. 802.11be EHT40 MODE 2TX IN THE 5.3GHz BAND (FCC+IC)

#### 2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T (Low Gain)

|                |                           |
|----------------|---------------------------|
| Test Engineer: | 104412/84740, 33499/84740 |
| Test Date:     | 2024-08-08, 2024-08-19    |

#### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5270               | 45.20                       | 37.9400                   | 5.20                                      | 8.21                                    |
| High    | 5310               | 45.20                       | 37.9510                   | 5.20                                      | 8.21                                    |

#### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5270               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 8.79                                  | 11.00                                  | 8.79                           |
| High    | 5310               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 8.79                                  | 11.00                                  | 8.79                           |

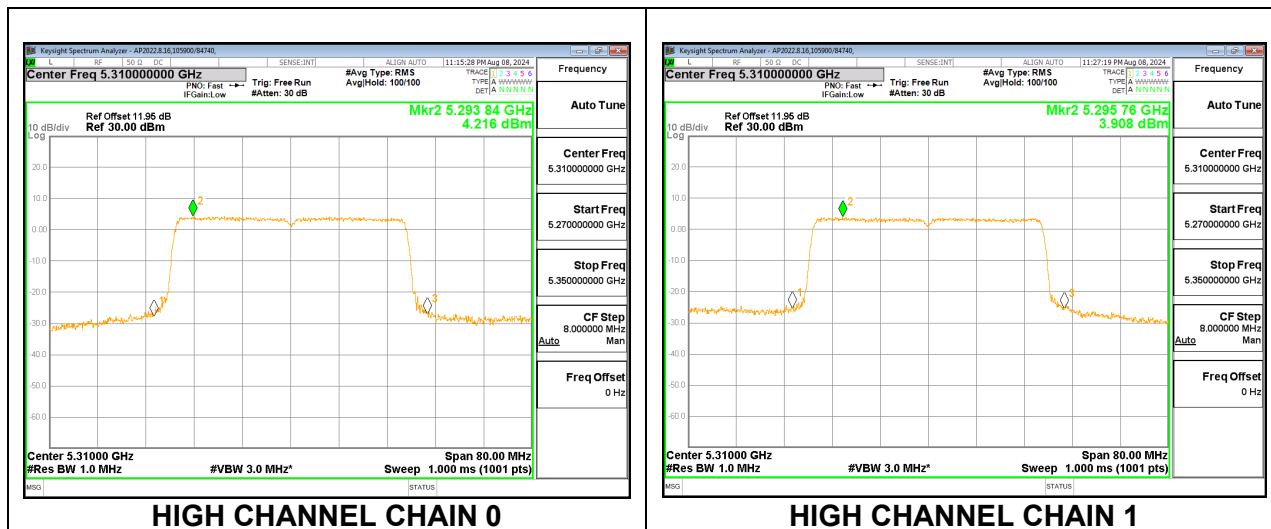
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

#### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5270               | 14.82                             | 14.34                             | 17.60                             | 24.00                   | -6.40                   |
| High    | 5310               | 11.85                             | 11.77                             | 14.82                             | 24.00                   | -9.18                   |

#### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5270               | 4.111                                    | 3.945                                    | 7.04                                     | 8.79                           | -1.75                 |
| High    | 5310               | 4.216                                    | 3.908                                    | 7.08                                     | 8.79                           | -1.71                 |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T (Mid Gain)

|                |                           |
|----------------|---------------------------|
| Test Engineer: | 105900/84740, 33499/84740 |
| Test Date:     | 2024-08-29, 2024-09-18    |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5270               | 45.20                       | 37.9400                   | 7.30                                      | 10.31                                   |
| High    | 5310               | 45.20                       | 37.9510                   | 7.30                                      | 10.31                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5270               | 22.70                          | 24.00                           | 30.00                          | 22.70                   | 6.69                                  | 11.00                                  | 6.69                           |
| High    | 5310               | 22.70                          | 24.00                           | 30.00                          | 22.70                   | 6.69                                  | 11.00                                  | 6.69                           |

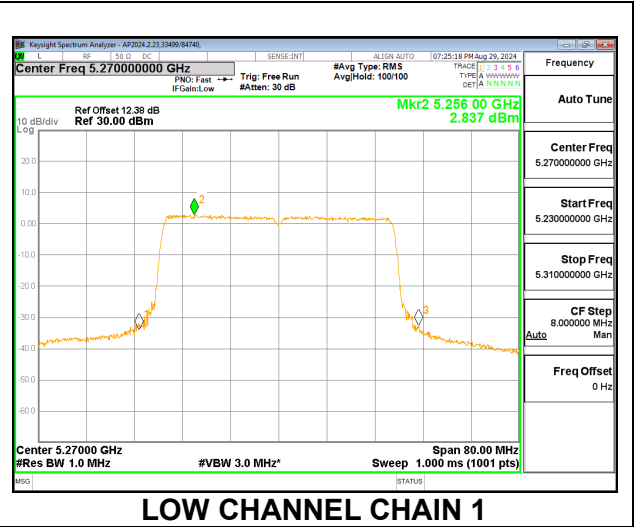
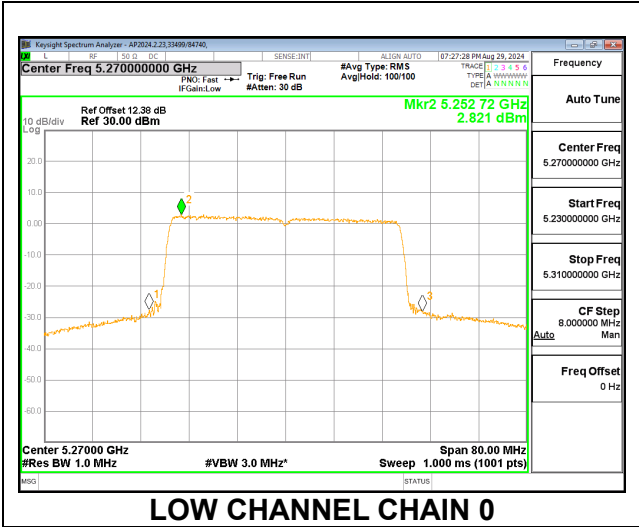
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5270               | 13.57                             | 13.31                             | 16.45                             | 22.70                   | -6.25                   |
| High    | 5310               | 13.45                             | 13.28                             | 16.38                             | 22.70                   | -6.32                   |

### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5270               | 2.821                                    | 2.837                                    | 5.84                                     | 6.69                           | -0.85                 |
| High    | 5310               | 2.389                                    | 3.068                                    | 5.75                                     | 6.69                           | -0.94                 |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T (High Gain)

|                |                        |
|----------------|------------------------|
| Test Engineer: | 104412/84740, 85502    |
| Test Date:     | 2024-08-09, 2024-08-13 |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5270               | 45.20                       | 37.9400                   | 8.66                                      | 11.67                                   |
| High    | 5310               | 45.20                       | 37.9510                   | 8.66                                      | 11.67                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5270               | 21.34                          | 24.00                           | 30.00                          | 21.34                   | 5.33                                  | 11.00                                  | 5.33                           |
| High    | 5310               | 21.34                          | 24.00                           | 30.00                          | 21.34                   | 5.33                                  | 11.00                                  | 5.33                           |

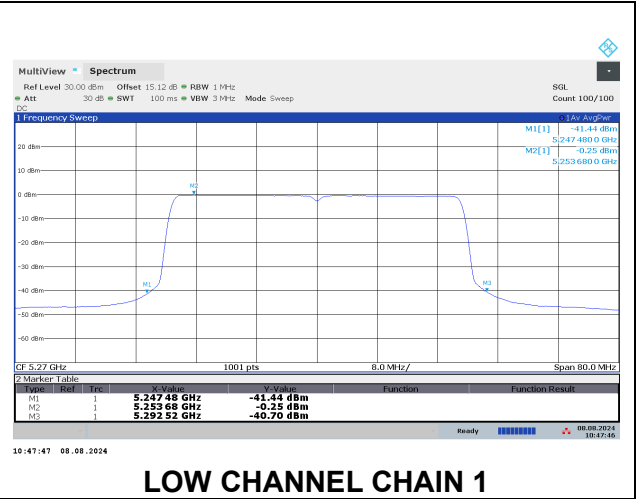
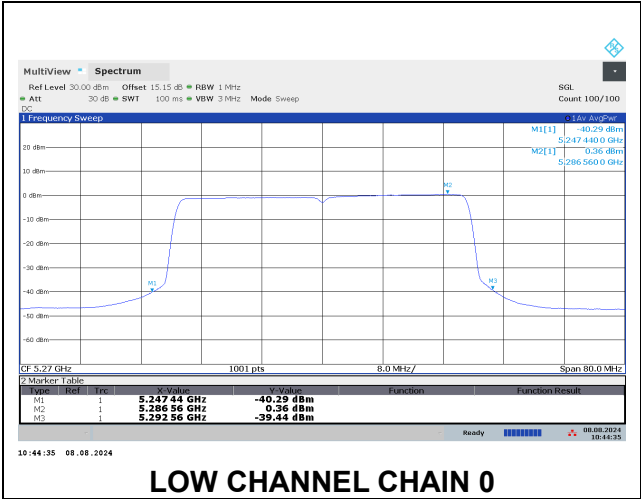
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5270               | 13.52                             | 13.37                             | 16.46                             | 21.34                   | -4.88                   |
| High    | 5310               | 13.10                             | 12.63                             | 15.88                             | 21.34                   | -5.46                   |

### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Chain 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5270               | 0.36                                     | -0.25                                    | 3.08                                     | 5.33                           | -2.25                 |
| High    | 5310               | -0.04                                    | -0.35                                    | 2.82                                     | 5.33                           | -2.51                 |



### 9.5.16. 802.11be EHT80 MODE 2TX IN THE 5.3GHz BAND (FCC+IC)

#### 2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T+242T (C) MRU HIGH (Low Gain)

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-08-19  |

#### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Mid     | 5290               | 85.28                       | 58.8760                   | 5.20                                      |

#### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Mid     | 5290               | 24.00                          | 24.00                           | 30.00                          | 24.00                   |

#### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 14.87                             | 14.51                             | 17.70                             | 24.00                   | -6.30                   |

## 2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T+242T (C) MRU HIGH (Mid Gain)

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-18  |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Mid     | 5290               | 85.28                       | 58.8760                   | 7.30                                      |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Mid     | 5290               | 22.70                          | 24.00                           | 30.00                          | 22.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 13.75                             | 13.17                             | 16.48                             | 22.70                   | -6.22                   |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T+242T (C) MRU HIGH (High Gain)

|                |                        |
|----------------|------------------------|
| Test Engineer: | 104412/84740           |
| Test Date:     | 2024-08-13, 2024-09-26 |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Mid     | 5290               | 85.28                       | 58.8760                   | 8.66                                      |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Mid     | 5290               | 21.34                          | 24.00                           | 30.00                          | 21.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 13.47                             | 12.94                             | 16.22                             | 21.34                   | -5.12                   |

**2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T+242T (C) Punctured Mode 0x1 (Low Gain)**

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-08-19  |

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Mid     | 5290               | 85.28                       | 58.8760                   | 5.20                                      |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Mid     | 5290               | 24.00                          | 24.00                           | 30.00                          | 24.00                   |

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 14.34                             | 13.99                             | 17.18                             | 24.00                   | -6.82                   |

**2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T+242T (C) Punctured Mode 0x1 (Mid Gain)**

|                       |             |
|-----------------------|-------------|
| <b>Test Engineer:</b> | 33499/84740 |
| <b>Test Date:</b>     | 2024-09-18  |

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Mid     | 5290               | 85.28                       | 58.8760                   | 7.30                                      |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Mid     | 5290               | 22.70                          | 24.00                           | 30.00                          | 22.70                   |

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 12.51                             | 12.32                             | 15.43                             | 22.70                   | -7.27                   |

**2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T+242T (C) Punctured Mode 0x1 (High Gain)**

|                       |                        |
|-----------------------|------------------------|
| <b>Test Engineer:</b> | 104412/84740           |
| <b>Test Date:</b>     | 2024-08-13, 2024-09-26 |

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Mid     | 5290               | 85.28                       | 58.8760                   | 8.66                                      |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Mid     | 5290               | 21.34                          | 24.00                           | 30.00                          | 21.34                   |

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 13.38                             | 13.01                             | 16.21                             | 21.34                   | -5.13                   |

## 2TX CHAIN 0 + CHAIN 1 CDD MODE: 242T+484T (N) MRU2 (Low Gain)

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-08-19  |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Mid     | 5290               | 90.88                       | 78.1100                   | 5.20                                      |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Mid     | 5290               | 24.00                          | 24.00                           | 30.00                          | 24.00                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 14.97                             | 14.51                             | 17.76                             | 24.00                   | -6.24                   |

## 2TX CHAIN 0 + CHAIN 1 CDD MODE: 242T+484T (N) MRU2 (Mid Gain)

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-18  |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Mid     | 5290               | 90.88                       | 78.1100                   | 7.30                                      |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Mid     | 5290               | 22.70                          | 24.00                           | 30.00                          | 22.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 13.64                             | 13.18                             | 16.43                             | 22.70                   | -6.27                   |

**2TX CHAIN 0 + CHAIN 1 CDD MODE: 242T+484T (N) MRU2 (High Gain)**

|                |                        |
|----------------|------------------------|
| Test Engineer: | 104412/84740           |
| Test Date:     | 2024-08-13, 2024-09-26 |

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Mid     | 5290               | 90.88                       | 78.1100                   | 8.66                                      |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Mid     | 5290               | 21.34                          | 24.00                           | 30.00                          | 21.34                   |

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 13.37                             | 12.76                             | 16.09                             | 21.34                   | -5.25                   |

**2TX CHAIN 0 + CHAIN 1 CDD MODE: 242T+484T (N) Punctured Mode 0x2 (Low Gain)**

|                       |             |
|-----------------------|-------------|
| <b>Test Engineer:</b> | 33499/84740 |
| <b>Test Date:</b>     | 2024-08-19  |

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Mid     | 5290               | 90.88                       | 78.1100                   | 5.20                                      |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Mid     | 5290               | 24.00                          | 24.00                           | 30.00                          | 24.00                   |

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 14.28                             | 13.94                             | 17.12                             | 24.00                   | -6.88                   |



**2TX CHAIN 0 + CHAIN 1 CDD MODE: 242T+484T (N) Punctured Mode 0x2 (Mid Gain)**

|                       |             |
|-----------------------|-------------|
| <b>Test Engineer:</b> | 33499/84740 |
| <b>Test Date:</b>     | 2024-09-18  |

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Mid     | 5290               | 90.88                       | 78.1100                   | 7.30                                      |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Mid     | 5290               | 22.70                          | 24.00                           | 30.00                          | 22.70                   |

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 12.53                             | 12.32                             | 15.44                             | 22.70                   | -7.26                   |

**2TX CHAIN 0 + CHAIN 1 CDD MODE: 242T+484T (N) Punctured Mode 0x2 (High Gain)**

|                       |                        |
|-----------------------|------------------------|
| <b>Test Engineer:</b> | 104412/84740           |
| <b>Test Date:</b>     | 2024-08-13, 2024-09-26 |

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Mid     | 5290               | 90.88                       | 78.1100                   | 8.66                                      |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Mid     | 5290               | 21.34                          | 24.00                           | 30.00                          | 21.34                   |

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 13.35                             | 12.79                             | 16.09                             | 21.34                   | -5.25                   |

**2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T+242T (N) MRU 3 (Low Gain)**

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-08-19  |

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Mid     | 5290               | 91.84                       | 78.0850                   | 5.20                                      |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Mid     | 5290               | 24.00                          | 24.00                           | 30.00                          | 24.00                   |

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 14.84                             | 14.41                             | 17.64                             | 24.00                   | -6.36                   |

## 2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T+242T (N) MRU 3 (Mid Gain)

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-18  |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Mid     | 5290               | 91.84                       | 78.0850                   | 8.66                                      |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Mid     | 5290               | 21.34                          | 24.00                           | 30.00                          | 21.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 13.72                             | 13.12                             | 16.44                             | 21.34                   | -4.90                   |

## 2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T+242T (N) MRU 3 (High Gain)

|                |                        |
|----------------|------------------------|
| Test Engineer: | 104412/84740           |
| Test Date:     | 2024-08-13, 2024-09-26 |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Mid     | 5290               | 91.84                       | 78.0850                   | 8.66                                      |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Mid     | 5290               | 21.34                          | 24.00                           | 30.00                          | 21.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 13.38                             | 12.79                             | 16.11                             | 21.34                   | -5.23                   |

**2Tx CHAIN 0 + CHAIN 1 CDD MODE: 484T+242T (N) Punctured Mode 0x4 (Low Gain)**

|                       |             |
|-----------------------|-------------|
| <b>Test Engineer:</b> | 33499/84740 |
| <b>Test Date:</b>     | 2024-08-19  |

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Mid     | 5290               | 91.84                       | 78.0850                   | 5.20                                      |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Mid     | 5290               | 24.00                          | 24.00                           | 30.00                          | 24.00                   |

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 14.36                             | 13.86                             | 17.13                             | 24.00                   | -6.87                   |

**2Tx CHAIN 0 + CHAIN 1 CDD MODE: 484T+242T (N) Punctured Mode 0x4 (Mid Gain)**

|                       |             |
|-----------------------|-------------|
| <b>Test Engineer:</b> | 33499/84740 |
| <b>Test Date:</b>     | 2024-09-18  |

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Mid     | 5290               | 91.84                       | 78.0850                   | 7.30                                      |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Mid     | 5290               | 22.70                          | 24.00                           | 30.00                          | 22.70                   |

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 12.50                             | 12.39                             | 15.46                             | 22.70                   | -7.24                   |

**2Tx CHAIN 0 + CHAIN 1 CDD MODE: 484T+242T (N) Punctured Mode 0x4 (High Gain)**

|                |                        |
|----------------|------------------------|
| Test Engineer: | 104412/84740           |
| Test Date:     | 2024-08-13, 2024-09-26 |

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Mid     | 5290               | 91.84                       | 78.0850                   | 8.66                                      |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Mid     | 5290               | 21.34                          | 24.00                           | 30.00                          | 21.34                   |

**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 13.29                             | 12.77                             | 16.05                             | 21.34                   | -5.29                   |



## 2Tx CHAIN 0 + CHAIN 1 CDD MODE: 996T (Low Gain)

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-08-19  |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Mid     | 5290               | 90.24                       | 77.9090                   | 5.20                                      |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Mid     | 5290               | 24.00                          | 24.00                           | 30.00                          | 24.00                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 12.29                             | 12.30                             | 15.31                             | 24.00                   | -8.69                   |

## 2Tx CHAIN 0 + CHAIN 1 CDD MODE: 996T (Mid Gain)

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-18  |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Mid     | 5290               | 90.24                       | 77.9090                   | 7.30                                      |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Mid     | 5290               | 22.70                          | 24.00                           | 30.00                          | 22.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 13.64                             | 13.00                             | 16.34                             | 22.70                   | -6.36                   |

## 2Tx CHAIN 0 + CHAIN 1 CDD MODE: 996T (High Gain)

|                |                        |
|----------------|------------------------|
| Test Engineer: | 33499/84740            |
| Test Date:     | 2024-08-19, 2024-09-26 |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Mid     | 5290               | 90.24                       | 77.9090                   | 8.66                                      |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Mid     | 5290               | 21.34                          | 24.00                           | 30.00                          | 21.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5290               | 11.23                             | 10.73                             | 14.00                             | 21.34                   | -7.34                   |

### 9.5.17. 802.11a MODE IN THE 5.6 GHz BAND

#### 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Low Gain)

|                       |                                       |
|-----------------------|---------------------------------------|
| <b>Test Engineer:</b> | 33499/84740, 85502                    |
| <b>Test Date:</b>     | 2024-08-20, 2024-08-21,<br>2024-09-26 |

##### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Direction<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|---------------------------------------|
| Low     | 5500               | 21.36                       | 16.556                    | 5.20                                      | 8.21                                  |
| Mid     | 5580               | 21.56                       | 16.542                    | 5.20                                      | 8.21                                  |
| High    | 5700               | 21.40                       | 16.572                    | 5.20                                      | 8.21                                  |
| 144     | 5720               | 16.28                       | 16.575                    | 5.20                                      | 8.21                                  |

##### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/1MHz) | ISED<br>PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|-----------------------------------|------------------------------------|
| Low     | 5500               | 24.00                          | 23.19                           | 29.19                          | 23.19                   | 8.79                              | 11.00                              |
| Mid     | 5580               | 24.00                          | 23.19                           | 29.19                          | 23.19                   | 8.79                              | 11.00                              |
| High    | 5700               | 24.00                          | 23.19                           | 29.19                          | 23.19                   | 8.79                              | 11.00                              |
| 144     | 5720               | 23.12                          | 23.19                           | 29.19                          | 23.12                   | 8.79                              | 11.00                              |

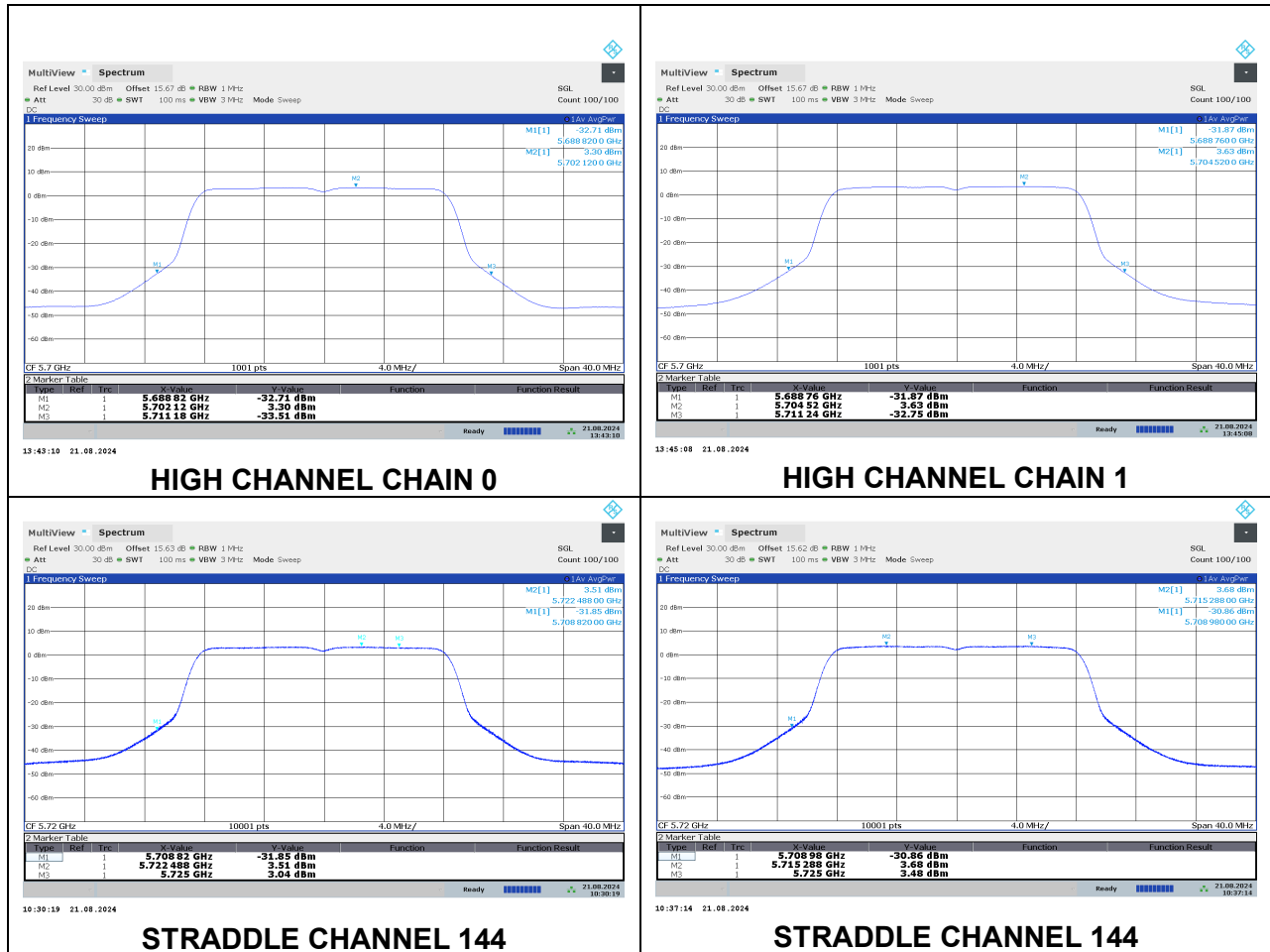
|                           |      |                                                |
|---------------------------|------|------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | Included in Calculations of Corr'd Power & PSD |
|---------------------------|------|------------------------------------------------|

##### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5500               | 16.83                             | 16.67                             | 19.76                             | 23.19                   | -3.43                   |
| Mid     | 5580               | 16.57                             | 16.37                             | 19.48                             | 23.19                   | -3.70                   |
| High    | 5700               | 15.81                             | 15.78                             | 18.81                             | 23.19                   | -4.39                   |
| 144     | 5720               | 16.61                             | 16.64                             | 19.64                             | 23.12                   | -3.48                   |

##### PSD Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | CHAIN 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5500               | 2.510                                    | 3.350                                    | 5.961                                    | 8.79                           | -2.83                 |
| Mid     | 5580               | 2.710                                    | 3.710                                    | 6.249                                    | 8.79                           | -2.54                 |
| High    | 5700               | 3.300                                    | 3.630                                    | 6.478                                    | 8.79                           | -2.31                 |
| 144     | 5720               | 3.510                                    | 3.680                                    | 6.606                                    | 8.79                           | -2.18                 |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

|                |                                    |
|----------------|------------------------------------|
| Test Engineer: | 33499/84740, 85502                 |
| Test Date:     | 2024-08-29, 2024-09-03, 2024-09-18 |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Direction<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|---------------------------------------|
| Low     | 5500               | 21.36                       | 16.556                    | 7.30                                      | 10.31                                 |
| Mid     | 5580               | 21.56                       | 16.542                    | 7.30                                      | 10.31                                 |
| High    | 5700               | 21.40                       | 16.572                    | 7.30                                      | 10.31                                 |
| 144     | 5720               | 16.28                       | 16.575                    | 7.30                                      | 10.31                                 |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/1MHz) | ISED<br>PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|-----------------------------------|------------------------------------|
| Low     | 5500               | 22.70                          | 23.19                           | 29.19                          | 21.89                   | 6.69                              | 11.00                              |
| Mid     | 5580               | 22.70                          | 23.19                           | 29.19                          | 21.89                   | 6.69                              | 11.00                              |
| High    | 5700               | 22.70                          | 23.19                           | 29.19                          | 21.89                   | 6.69                              | 11.00                              |
| 144     | 5720               | 21.82                          | 23.19                           | 29.19                          | 21.82                   | 6.69                              | 11.00                              |

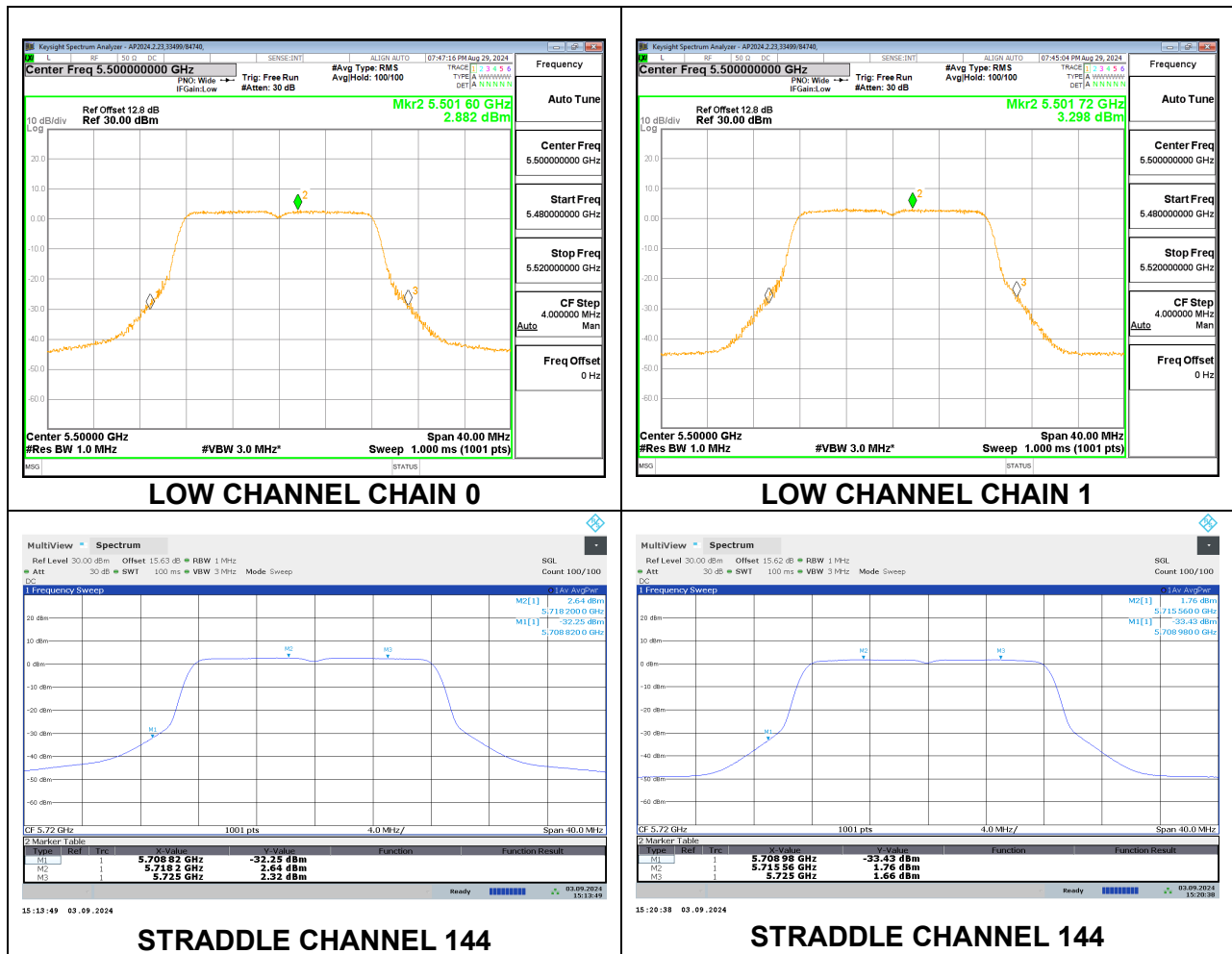
|                    |      |                                                |
|--------------------|------|------------------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd Power & PSD |
|--------------------|------|------------------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5500               | 15.29                             | 14.46                             | 17.91                             | 21.89                   | -3.98                   |
| Mid     | 5580               | 14.91                             | 13.85                             | 17.42                             | 21.89                   | -4.46                   |
| High    | 5700               | 15.20                             | 14.00                             | 17.65                             | 21.89                   | -4.24                   |
| 144     | 5720               | 16.15                             | 15.05                             | 18.65                             | 21.82                   | -3.17                   |

### PSD Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | CHAIN 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5500               | 2.882                                    | 3.298                                    | 6.105                                    | 6.69                           | -0.58                 |
| Mid     | 5580               | 2.813                                    | 3.069                                    | 5.953                                    | 6.69                           | -0.74                 |
| High    | 5700               | 2.884                                    | 3.152                                    | 6.030                                    | 6.69                           | -0.66                 |
| 144     | 5720               | 2.640                                    | 1.760                                    | 5.233                                    | 6.69                           | -1.46                 |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

|                |              |
|----------------|--------------|
| Test Engineer: | 104463/85502 |
| Test Date:     | 2024-08-08   |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Direction<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|---------------------------------------|
| Low     | 5500               | 21.36                       | 16.556                    | 8.66                                      | 11.67                                 |
| Mid     | 5580               | 21.56                       | 16.542                    | 8.66                                      | 11.67                                 |
| High    | 5700               | 21.40                       | 16.572                    | 8.66                                      | 11.67                                 |
| 144     | 5720               | 16.28                       | 16.575                    | 8.66                                      | 11.67                                 |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/1MHz) | ISED<br>PSD<br>Limit<br>(dBm/1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|-----------------------------------|------------------------------------|
| Low     | 5500               | 21.34                          | 23.19                           | 29.19                          | 20.53                   | 5.33                              | 11.00                              |
| Mid     | 5580               | 21.34                          | 23.19                           | 29.19                          | 20.53                   | 5.33                              | 11.00                              |
| High    | 5700               | 21.34                          | 23.19                           | 29.19                          | 20.53                   | 5.33                              | 11.00                              |
| 144     | 5720               | 20.46                          | 23.19                           | 29.19                          | 20.46                   | 5.33                              | 11.00                              |

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

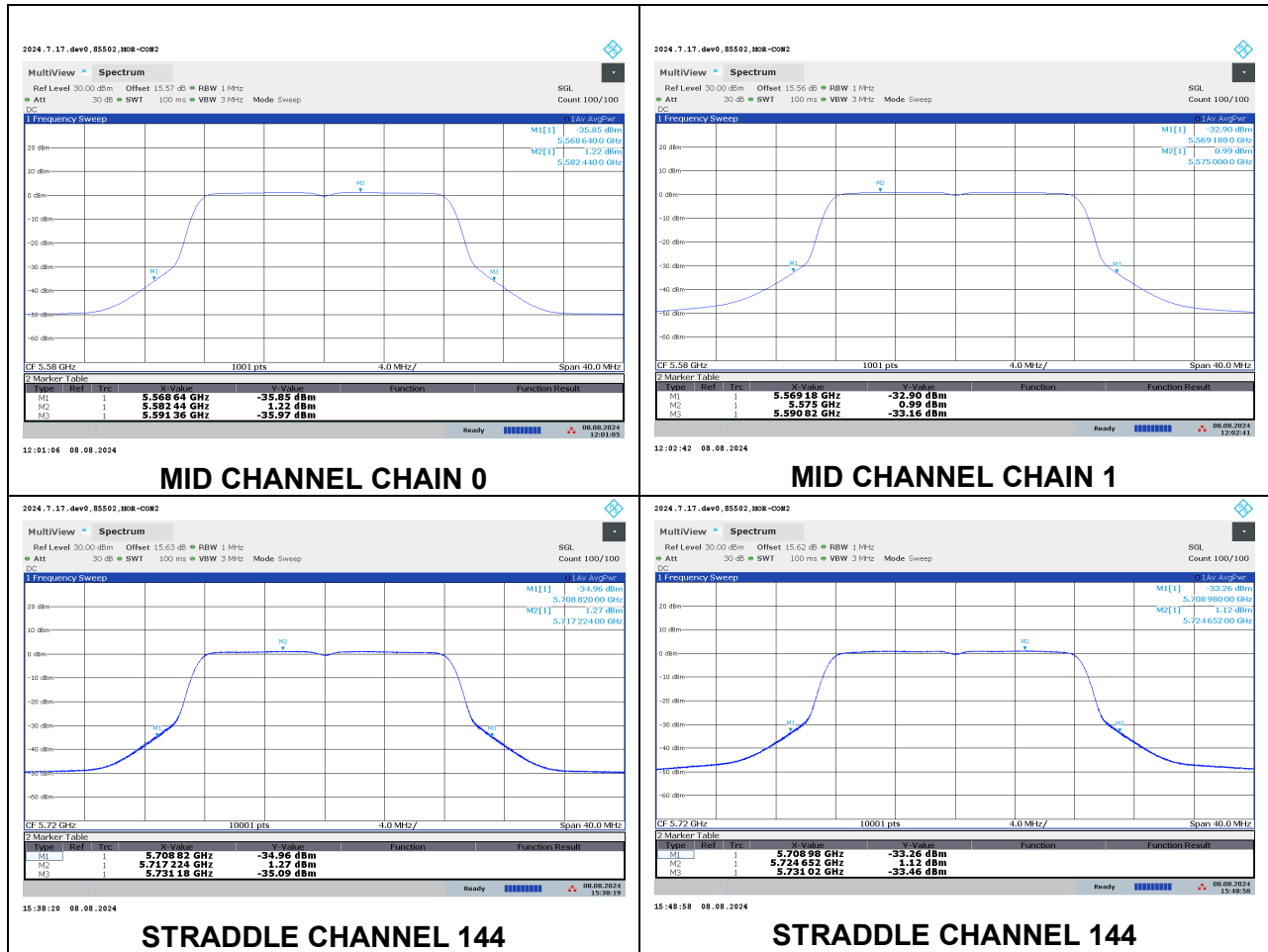
### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5500               | 13.73                             | 13.67                             | 16.71                             | 20.53                   | -3.82                   |
| Mid     | 5580               | 14.12                             | 13.37                             | 16.77                             | 20.53                   | -3.75                   |
| High    | 5700               | 13.62                             | 13.43                             | 16.54                             | 20.53                   | -4.00                   |
| 144     | 5720               | 13.69                             | 13.65                             | 16.68                             | 20.46                   | -3.78                   |

### PSD Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | CHAIN 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5500               | 0.990                                    | 0.940                                    | 3.975                                    | 5.33                           | -1.35                 |
| Mid     | 5580               | 1.220                                    | 0.990                                    | 4.117                                    | 5.33                           | -1.21                 |
| High    | 5700               | 0.980                                    | 0.980                                    | 3.990                                    | 5.33                           | -1.34                 |
| 144     | 5720               | 1.270                                    | 1.120                                    | 4.206                                    | 5.33                           | -1.12                 |





## 9.5.18. 802.11n HT20 MODE IN THE 5.6 GHz BAND

### 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Low Gain)

|                |                        |
|----------------|------------------------|
| Test Engineer: | 104412/84740           |
| Test Date:     | 2024-07-03, 2024-09-26 |

#### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5500               | 22.60                       | 17.779                    | 5.20                                      | 8.21                                    |
| Mid     | 5580               | 22.68                       | 17.744                    | 5.20                                      | 8.21                                    |
| High    | 5700               | 22.44                       | 17.773                    | 5.20                                      | 8.21                                    |
| 144     | 5720               | 16.44                       | 17.762                    | 5.20                                      | 8.21                                    |

#### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Low     | 5500               | 24.00                          | 23.50                           | 29.50                          | 23.50                   |
| Mid     | 5580               | 24.00                          | 23.49                           | 29.49                          | 23.49                   |
| High    | 5700               | 24.00                          | 23.50                           | 29.50                          | 23.50                   |
| 144     | 5720               | 23.16                          | 23.49                           | 29.49                          | 23.16                   |

#### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5500               | 16.86                             | 16.68                             | 19.78                             | 23.50                   | -3.72                   |
| Mid     | 5580               | 16.55                             | 16.39                             | 19.48                             | 23.49                   | -4.01                   |
| High    | 5700               | 15.34                             | 15.31                             | 18.34                             | 23.50                   | -5.16                   |
| 144     | 5720               | 16.56                             | 16.79                             | 19.69                             | 23.16                   | -3.47                   |

## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-18  |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5500               | 22.60                       | 17.779                    | 7.30                                      | 10.31                                   |
| Mid     | 5580               | 22.68                       | 17.744                    | 7.30                                      | 10.31                                   |
| High    | 5700               | 22.44                       | 17.773                    | 7.30                                      | 10.31                                   |
| 144     | 5720               | 16.44                       | 17.762                    | 7.30                                      | 10.31                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Low     | 5500               | 22.70                          | 23.50                           | 29.50                          | 22.20                   |
| Mid     | 5580               | 22.70                          | 23.49                           | 29.49                          | 22.19                   |
| High    | 5700               | 22.70                          | 23.50                           | 29.50                          | 22.20                   |
| 144     | 5720               | 21.86                          | 23.49                           | 29.49                          | 21.86                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5500               | 15.25                             | 14.60                             | 17.95                             | 22.20                   | -4.25                   |
| Mid     | 5580               | 14.81                             | 13.91                             | 17.39                             | 22.19                   | -4.80                   |
| High    | 5700               | 15.15                             | 14.19                             | 17.71                             | 22.20                   | -4.49                   |
| 144     | 5720               | 16.15                             | 15.08                             | 18.66                             | 21.86                   | -3.20                   |

## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/84740 |
| Test Date:     | 2024-07-02   |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5500               | 22.60                       | 17.779                    | 8.66                                      | 11.67                                   |
| Mid     | 5580               | 22.68                       | 17.744                    | 8.66                                      | 11.67                                   |
| High    | 5700               | 22.44                       | 17.773                    | 8.66                                      | 11.67                                   |
| 144     | 5720               | 16.44                       | 17.762                    | 8.66                                      | 11.67                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Low     | 5500               | 21.34                          | 23.50                           | 29.50                          | 20.84                   |
| Mid     | 5580               | 21.34                          | 23.49                           | 29.49                          | 20.83                   |
| High    | 5700               | 21.34                          | 23.50                           | 29.50                          | 20.84                   |
| 144     | 5720               | 20.50                          | 23.49                           | 29.49                          | 20.50                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5500               | 13.73                             | 13.72                             | 16.74                             | 20.84                   | -4.10                   |
| Mid     | 5580               | 13.87                             | 13.66                             | 16.78                             | 20.83                   | -4.05                   |
| High    | 5700               | 13.68                             | 13.44                             | 16.57                             | 20.84                   | -4.27                   |
| 144     | 5720               | 13.65                             | 13.55                             | 16.61                             | 20.50                   | -3.89                   |

### 9.5.19. 802.11n HT40 MODE IN THE 5.6 GHz BAND 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Low Gain)

|                |                        |
|----------------|------------------------|
| Test Engineer: | 85502, 33489/84740     |
| Test Date:     | 2024-08-09, 2024-08-21 |

#### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5510               | 46.24                       | 36.411                    | 5.20                                      | 8.21                                    |
| Mid     | 5550               | 45.76                       | 36.432                    | 5.20                                      | 8.21                                    |
| High    | 5670               | 46.00                       | 36.453                    | 5.20                                      | 8.21                                    |
| 142     | 5710               | 38.20                       | 36.470                    | 5.20                                      | 8.21                                    |

#### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5510               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 8.79                                  | 11.00                                  | 8.79                           |
| Mid     | 5550               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 8.79                                  | 11.00                                  | 8.79                           |
| High    | 5670               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 8.79                                  | 11.00                                  | 8.79                           |
| 142     | 5710               | 24.00                          | 24.00                           | 30.00                          | 24.00                   | 8.79                                  | 11.00                                  | 8.79                           |

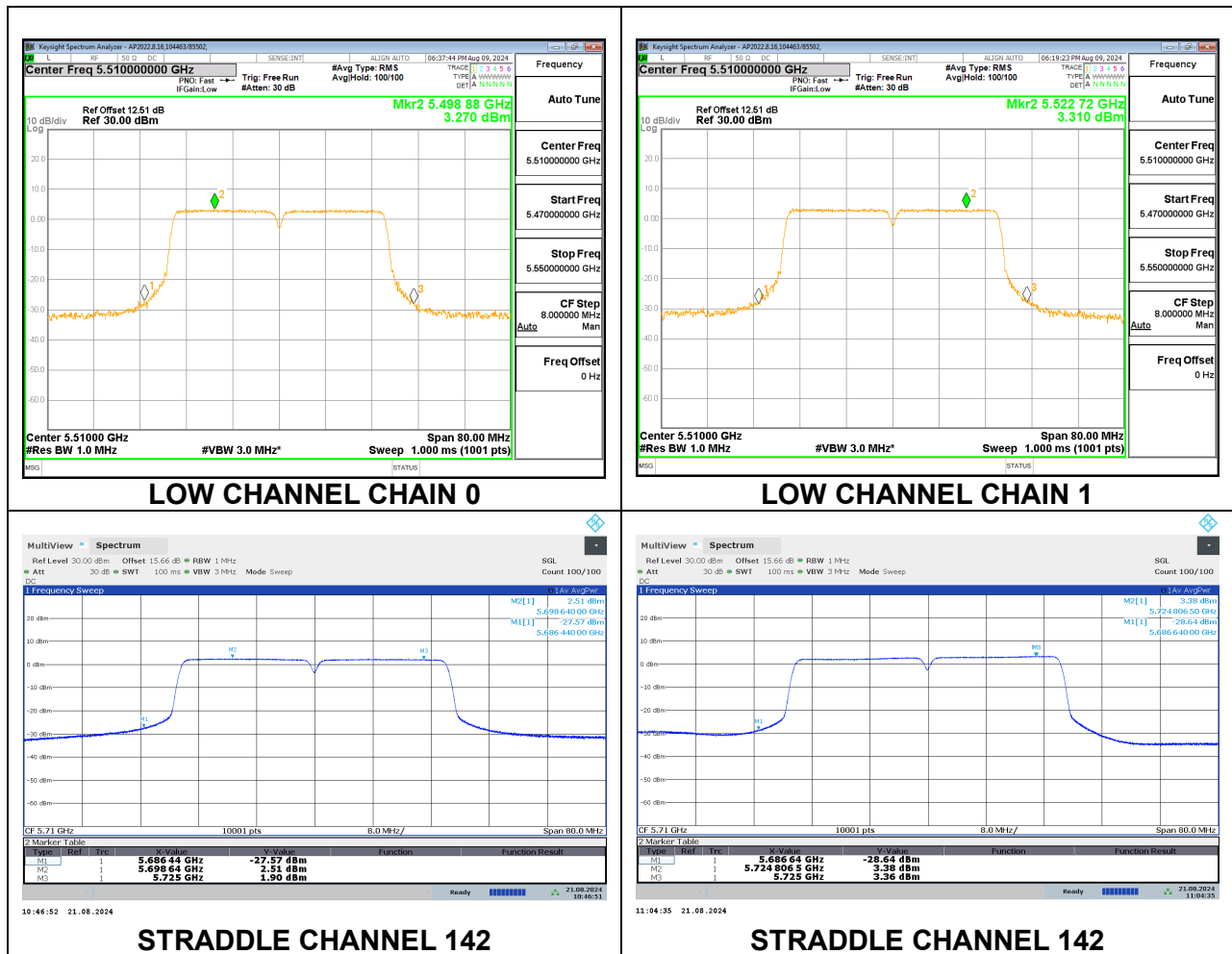
|                    |      |                                                |
|--------------------|------|------------------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd Power & PSD |
|--------------------|------|------------------------------------------------|

#### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5510               | 14.76                             | 15.00                             | 17.89                             | 24.00                   | -6.11                   |
| Mid     | 5550               | 17.47                             | 17.25                             | 20.37                             | 24.00                   | -3.63                   |
| High    | 5670               | 17.10                             | 16.99                             | 20.06                             | 24.00                   | -3.94                   |
| 142     | 5710               | 15.14                             | 15.31                             | 18.24                             | 24.00                   | -5.76                   |

#### PSD Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | CHAIN 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5510               | 3.27                                     | 3.31                                     | 6.30                                     | 8.79                           | -2.49                 |
| Mid     | 5550               | 3.16                                     | 3.20                                     | 6.19                                     | 8.79                           | -2.60                 |
| High    | 5670               | 2.64                                     | 3.07                                     | 5.87                                     | 8.79                           | -2.92                 |
| 142     | 5710               | 2.51                                     | 3.38                                     | 5.98                                     | 8.79                           | -2.81                 |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

|                |                                    |
|----------------|------------------------------------|
| Test Engineer: | 33499/84740, 85502                 |
| Test Date:     | 2024-08-28, 2024-09-04, 2024-09-19 |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5510               | 46.24                       | 36.411                    | 7.30                                      | 10.31                                   |
| Mid     | 5550               | 45.76                       | 36.432                    | 7.30                                      | 10.31                                   |
| High    | 5670               | 46.00                       | 36.453                    | 7.30                                      | 10.31                                   |
| 142     | 5710               | 38.20                       | 36.470                    | 7.30                                      | 10.31                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5510               | 22.70                          | 24.00                           | 30.00                          | 22.70                   | 6.69                                  | 11.00                                  | 6.69                           |
| Mid     | 5550               | 22.70                          | 24.00                           | 30.00                          | 22.70                   | 6.69                                  | 11.00                                  | 6.69                           |
| High    | 5670               | 22.70                          | 24.00                           | 30.00                          | 22.70                   | 6.69                                  | 11.00                                  | 6.69                           |
| 142     | 5710               | 22.70                          | 24.00                           | 30.00                          | 22.70                   | 6.69                                  | 11.00                                  | 6.69                           |

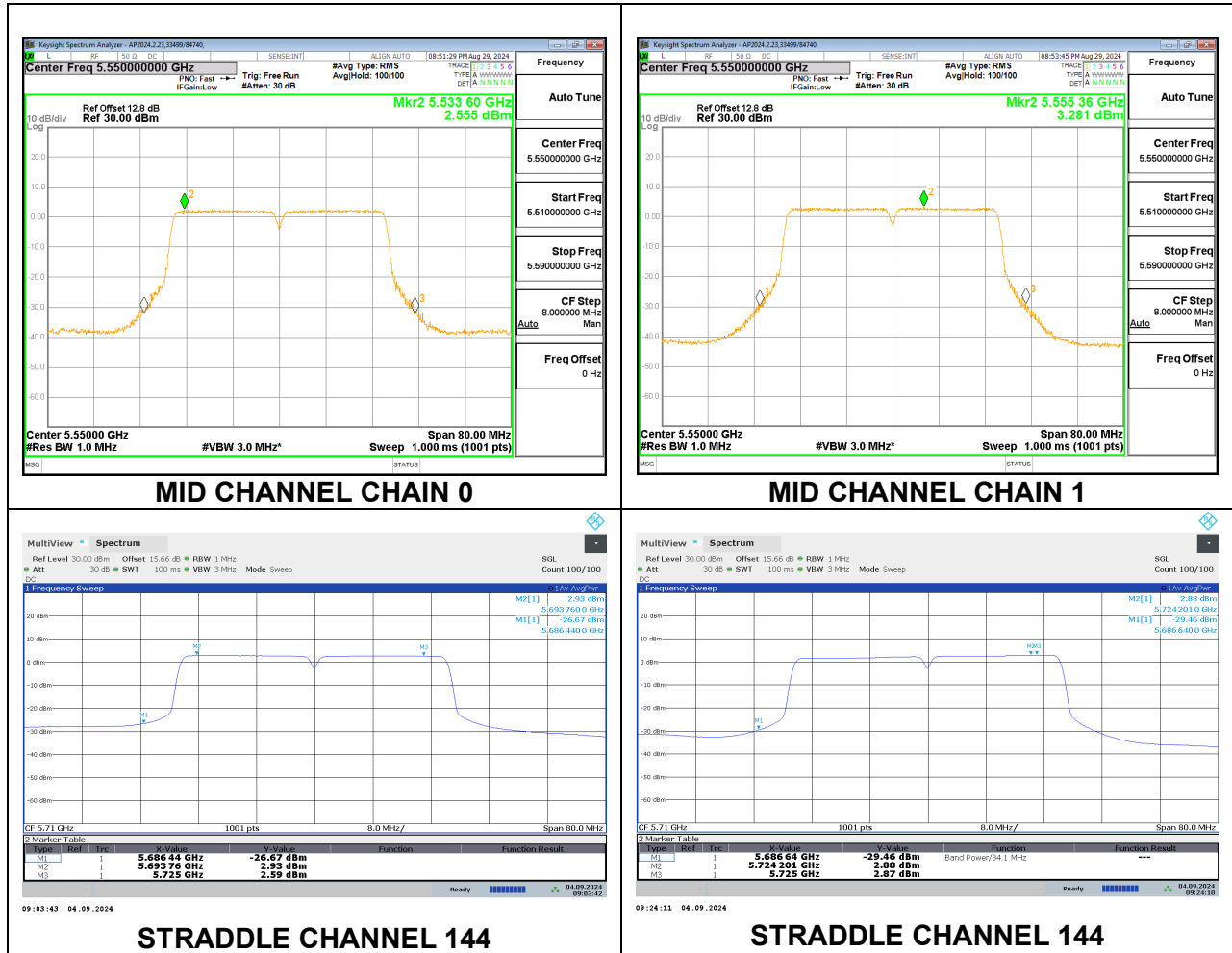
|                    |      |                                                |
|--------------------|------|------------------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd Power & PSD |
|--------------------|------|------------------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5510               | 14.04                             | 14.27                             | 17.17                             | 22.70                   | -5.53                   |
| Mid     | 5550               | 16.09                             | 15.51                             | 18.82                             | 22.70                   | -3.88                   |
| High    | 5670               | 16.28                             | 15.34                             | 18.85                             | 22.70                   | -3.85                   |
| 142     | 5710               | 14.50                             | 14.93                             | 17.73                             | 22.70                   | -4.97                   |

### PSD Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | CHAIN 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5510               | 2.772                                    | 2.911                                    | 5.85                                     | 6.69                           | -0.84                 |
| Mid     | 5550               | 2.555                                    | 3.281                                    | 5.94                                     | 6.69                           | -0.75                 |
| High    | 5670               | 2.315                                    | 3.178                                    | 5.78                                     | 6.69                           | -0.91                 |
| 142     | 5710               | 2.930                                    | 2.880                                    | 5.92                                     | 6.69                           | -0.77                 |





## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

|                       |                                       |
|-----------------------|---------------------------------------|
| <b>Test Engineer:</b> | 334998/84740, 85502                   |
| <b>Test Date:</b>     | 2024-08-20, 2024-08-21,<br>2024-09-19 |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5510               | 46.24                       | 36.411                    | 8.66                                      | 11.67                                   |
| Mid     | 5550               | 45.76                       | 36.432                    | 8.66                                      | 11.67                                   |
| High    | 5670               | 46.00                       | 36.453                    | 8.66                                      | 11.67                                   |
| 142     | 5710               | 38.20                       | 36.470                    | 8.66                                      | 11.67                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5510               | 21.34                          | 24.00                           | 30.00                          | 21.34                   | 5.33                                  | 11.00                                  | 5.33                           |
| Mid     | 5550               | 21.34                          | 24.00                           | 30.00                          | 21.34                   | 5.33                                  | 11.00                                  | 5.33                           |
| High    | 5670               | 21.34                          | 24.00                           | 30.00                          | 21.34                   | 5.33                                  | 11.00                                  | 5.33                           |
| 142     | 5710               | 21.34                          | 24.00                           | 30.00                          | 21.34                   | 5.33                                  | 11.00                                  | 5.33                           |

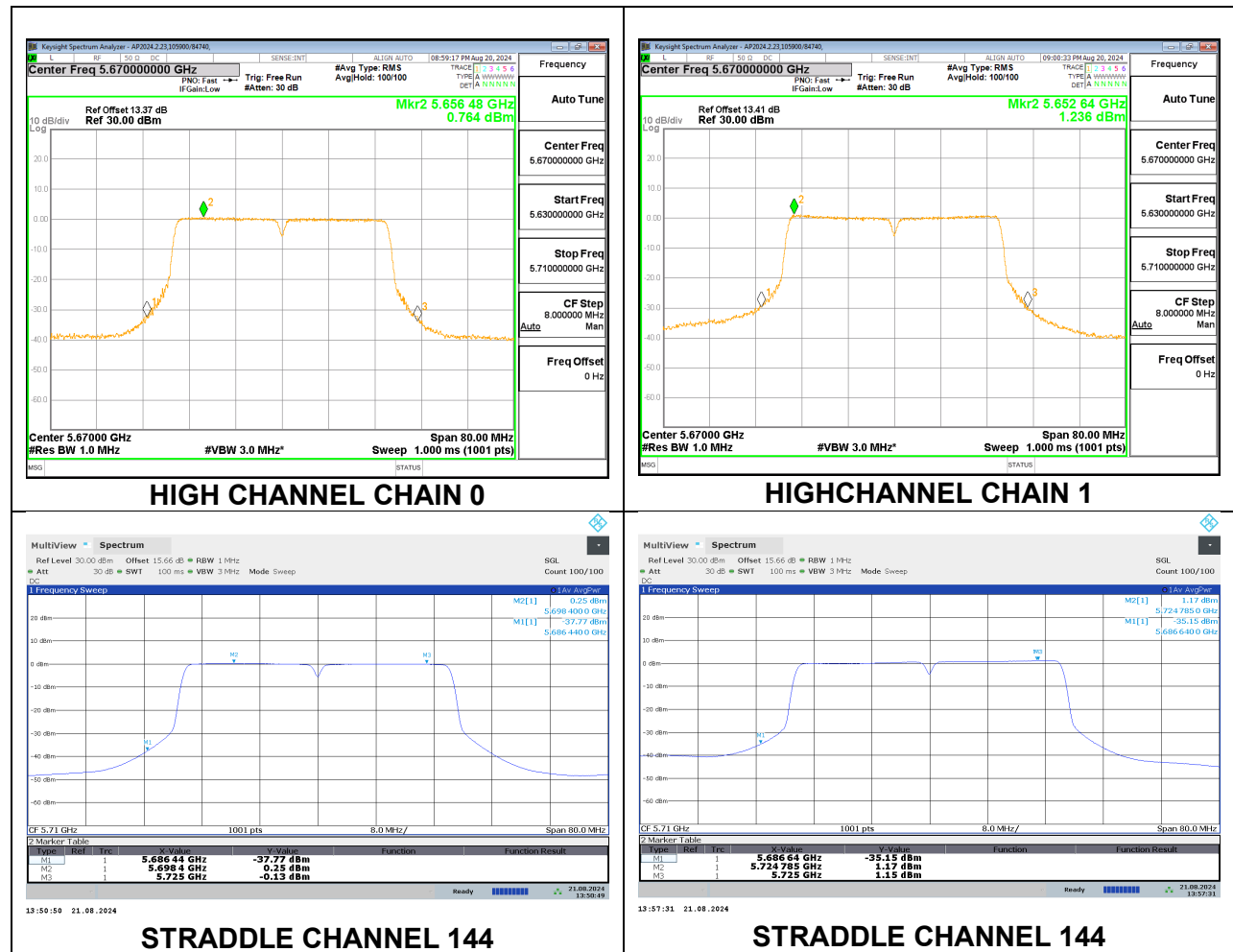
|                           |      |                                                |
|---------------------------|------|------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | Included in Calculations of Corr'd Power & PSD |
|---------------------------|------|------------------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5510               | 12.28                             | 12.23                             | 15.27                             | 21.34                   | -6.07                   |
| Mid     | 5550               | 14.49                             | 14.02                             | 17.27                             | 21.34                   | -4.07                   |
| High    | 5670               | 14.45                             | 13.82                             | 17.16                             | 21.34                   | -4.18                   |
| 142     | 5710               | 14.41                             | 13.74                             | 17.10                             | 21.34                   | -4.24                   |

### PSD Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | CHAIN 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5510               | 0.506                                    | 0.687                                    | 3.61                                     | 5.33                           | -1.72                 |
| Mid     | 5550               | 0.320                                    | 0.763                                    | 3.56                                     | 5.33                           | -1.77                 |
| High    | 5670               | 0.764                                    | 1.236                                    | 4.02                                     | 5.33                           | -1.31                 |
| 142     | 5710               | 0.250                                    | 1.170                                    | 3.74                                     | 5.33                           | -1.59                 |



## 9.5.20. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

### 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Low Gain)

|                |                           |
|----------------|---------------------------|
| Test Engineer: | 104412/84740, 33499/84740 |
| Test Date:     | 2024-07-03, 2024-09-05    |

#### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5530               | 93.44                       | 76.164                    | 5.20                                      | 8.21                                    |
| High    | 5610               | 93.60                       | 76.163                    | 5.20                                      | 8.21                                    |
| 138     | 5690               | 81.76                       | 76.251                    | 5.20                                      | 8.21                                    |

#### Limits

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

#### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5530               | 14.38                             | 14.52                             | 17.46                             | 24.00                   | -6.54                   |
| High    | 5610               | 16.82                             | 17.84                             | 20.37                             | 24.00                   | -3.63                   |
| 138     | 5690               | 18.10                             | 17.40                             | 20.77                             | 24.00                   | -3.23                   |

## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-18  |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5530               | 93.44                       | 76.164                    | 7.30                                      | 10.31                                   |
| High    | 5610               | 93.60                       | 76.163                    | 7.30                                      | 10.31                                   |
| 138     | 5690               | 81.76                       | 76.251                    | 7.30                                      | 10.31                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Low     | 5530               | 22.70                          | 24.00                           | 30.00                          | 22.70                   |
| High    | 5610               | 22.70                          | 24.00                           | 30.00                          | 22.70                   |
| 138     | 5690               | 22.70                          | 24.00                           | 30.00                          | 22.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5530               | 13.83                             | 13.48                             | 16.67                             | 22.70                   | -6.03                   |
| High    | 5610               | 16.23                             | 15.62                             | 18.95                             | 22.70                   | -3.75                   |
| 138     | 5690               | 16.06                             | 15.23                             | 18.68                             | 22.70                   | -4.02                   |

## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

|                |               |
|----------------|---------------|
| Test Engineer: | 104412/211963 |
| Test Date:     | 2024-07-02    |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5530               | 93.44                       | 76.164                    | 8.66                                      | 11.67                                   |
| High    | 5610               | 93.60                       | 76.163                    | 8.66                                      | 11.67                                   |
| 138     | 5690               | 81.76                       | 76.251                    | 8.66                                      | 11.67                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Low     | 5530               | 21.34                          | 24.00                           | 30.00                          | 21.34                   |
| High    | 5610               | 21.34                          | 24.00                           | 30.00                          | 21.34                   |
| 138     | 5690               | 21.34                          | 24.00                           | 30.00                          | 21.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5530               | 10.81                             | 10.79                             | 13.81                             | 21.34                   | -7.53                   |
| High    | 5610               | 14.07                             | 13.81                             | 16.95                             | 21.34                   | -4.39                   |
| 138     | 5690               | 13.82                             | 13.72                             | 16.78                             | 21.34                   | -4.56                   |

## 9.5.21. 802.11ac VHT160 MODE IN THE 5.6 GHz BAND

### 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Low Gain)

|                       |                           |
|-----------------------|---------------------------|
| <b>Test Engineer:</b> | 104412/84740, 33499/84740 |
| <b>Test Date:</b>     | 2024-07-03, 2024-09-05    |

#### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| MID     | 5570               | 183.36                      | 155.30                    | 5.20                                      | 8.21                                    |

#### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| MID     | 5570               | 24.00                          | 24.00                           | 30.00                          | 24.00                   |

#### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| MID     | 5570               | 9.34                              | 9.31                              | 12.34                             | 24.00                   | -11.66                  |

## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

|                       |             |
|-----------------------|-------------|
| <b>Test Engineer:</b> | 33499/84740 |
| <b>Test Date:</b>     | 2024-09-18  |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| MID     | 5570               | 183.36                      | 155.30                    | 7.30                                      | 10.31                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| MID     | 5570               | 22.70                          | 24.00                           | 30.00                          | 22.70                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| MID     | 5570               | 6.67                              | 6.60                              | 9.65                              | 22.70                   | -13.05                  |

## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

|                       |              |
|-----------------------|--------------|
| <b>Test Engineer:</b> | 104412/84740 |
| <b>Test Date:</b>     | 2024-07-02   |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| MID     | 5570               | 183.36                      | 155.30                    | 8.66                                      | 11.67                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| MID     | 5570               | 21.34                          | 24.00                           | 30.00                          | 21.34                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| MID     | 5570               | 6.67                              | 6.60                              | 9.65                              | 21.34                   | -11.69                  |



**9.5.22. 802.11be EHT20 MODE IN THE 5.6 GHz BAND**  
**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 26T (Low Gain)**

|                |                        |
|----------------|------------------------|
| Test Engineer: | 33489/84740, 85502     |
| Test Date:     | 2024-08-09, 2024-08-21 |

**Bandwidth and Antenna Gain**

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5500               | 20.12                       | 2.091                     | 5.20                                      | 8.21                                    |
| Mid     | 5580               | 18.20                       | 2.584                     | 5.20                                      | 8.21                                    |
| High    | 5700               | 20.08                       | 2.089                     | 5.20                                      | 8.21                                    |
| 144     | 5720               | 15.96                       | 2.029                     | 5.20                                      | 8.21                                    |

**Limits**

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5500               | 24.00                          | 14.20                           | 20.20                          | 14.20                   | 8.79                                  | 11.00                                  | 8.79                           |
| Mid     | 5580               | 23.60                          | 15.12                           | 21.12                          | 15.12                   | 8.79                                  | 11.00                                  | 8.79                           |
| High    | 5700               | 24.00                          | 14.20                           | 20.20                          | 14.20                   | 8.79                                  | 11.00                                  | 8.79                           |
| 144     | 5720               | 23.03                          | 14.07                           | 20.07                          | 14.07                   | 8.79                                  | 11.00                                  | 8.79                           |

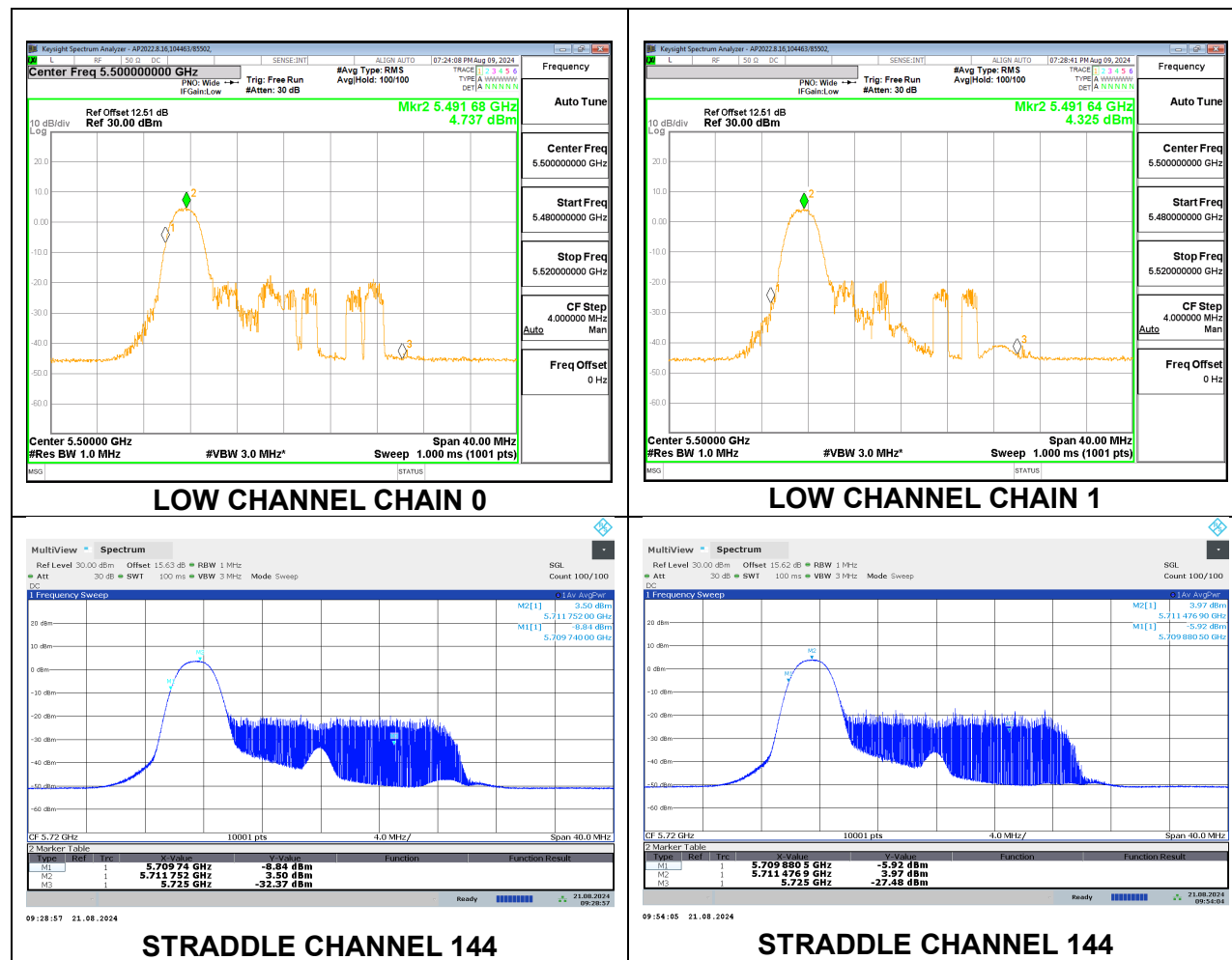
|                    |      |                                                |
|--------------------|------|------------------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd Power & PSD |
|--------------------|------|------------------------------------------------|

**Output Power Results**

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5500               | 8.80                              | 8.44                              | 11.63                             | 14.20                   | -2.57                   |
| Mid     | 5580               | 8.89                              | 8.94                              | 11.93                             | 15.12                   | -3.20                   |
| High    | 5700               | 8.31                              | 7.81                              | 11.08                             | 14.20                   | -3.12                   |
| 144     | 5720               | 8.46                              | 8.21                              | 11.35                             | 14.07                   | -2.73                   |

**PSD Results**

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | CHAIN 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5500               | 4.737                                    | 4.325                                    | 7.546                                    | 8.79                           | -1.24                 |
| Mid     | 5580               | 4.118                                    | 4.101                                    | 7.120                                    | 8.79                           | -1.67                 |
| High    | 5700               | 4.518                                    | 4.199                                    | 7.372                                    | 8.79                           | -1.42                 |
| 144     | 5720               | 3.500                                    | 3.970                                    | 6.752                                    | 8.79                           | -2.04                 |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 26T (Mid Gain)

|                |                                       |
|----------------|---------------------------------------|
| Test Engineer: | 85502, 33499/84740                    |
| Test Date:     | 2024-08-29, 2024-09-04,<br>2024-09-18 |

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5500               | 20.12                       | 2.091                     | 7.30                                      | 10.31                                   |
| Mid     | 5580               | 18.20                       | 2.584                     | 7.30                                      | 10.31                                   |
| High    | 5700               | 20.08                       | 2.089                     | 7.30                                      | 10.31                                   |
| 144     | 5720               | 15.96                       | 2.029                     | 7.30                                      | 10.31                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5500               | 22.70                          | 14.20                           | 20.20                          | 12.90                   | 6.69                                  | 11.00                                  | 6.69                           |
| Mid     | 5580               | 22.30                          | 15.12                           | 21.12                          | 13.82                   | 6.69                                  | 11.00                                  | 6.69                           |
| High    | 5700               | 22.70                          | 14.20                           | 20.20                          | 12.90                   | 6.69                                  | 11.00                                  | 6.69                           |
| 144     | 5720               | 21.73                          | 14.07                           | 20.07                          | 12.77                   | 6.69                                  | 11.00                                  | 6.69                           |

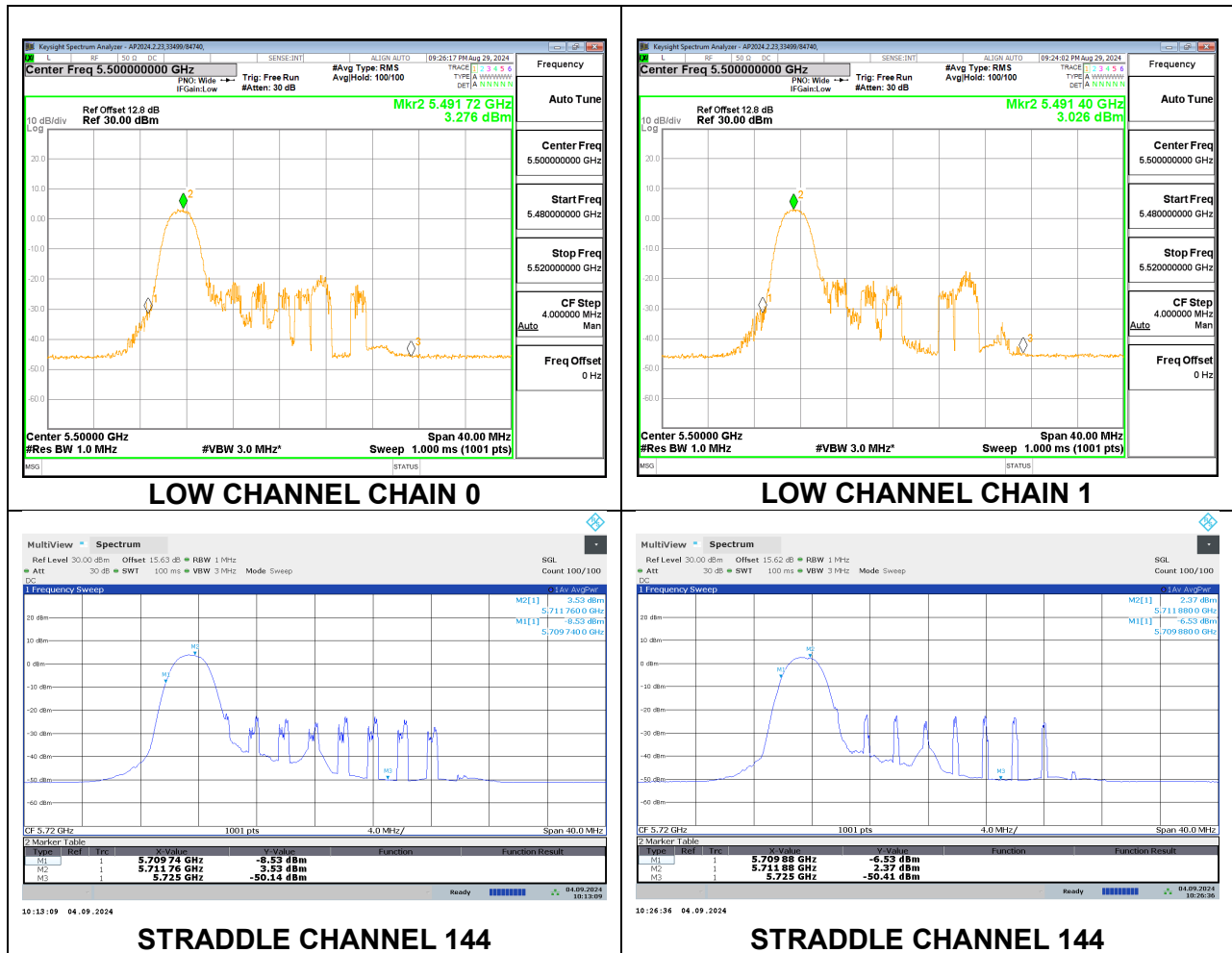
|                    |      |                                                |
|--------------------|------|------------------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd Power & PSD |
|--------------------|------|------------------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5500               | 7.72                              | 5.71                              | 9.84                              | 12.90                   | -3.06                   |
| Mid     | 5580               | 7.63                              | 6.23                              | 10.00                             | 13.82                   | -3.83                   |
| High    | 5700               | 7.00                              | 5.29                              | 9.24                              | 12.90                   | -3.66                   |
| 144     | 5720               | 7.50                              | 7.51                              | 10.52                             | 12.77                   | -2.26                   |

### PSD Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | CHAIN 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5500               | 3.276                                    | 3.026                                    | 6.163                                    | 6.69                           | -0.53                 |
| Mid     | 5580               | 2.594                                    | 3.255                                    | 5.947                                    | 6.69                           | -0.74                 |
| High    | 5700               | 2.648                                    | 2.696                                    | 5.682                                    | 6.69                           | -1.01                 |
| 144     | 5720               | 3.530                                    | 2.370                                    | 5.999                                    | 6.69                           | -0.69                 |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 26T (High Gain)

|                |                                       |
|----------------|---------------------------------------|
| Test Engineer: | 104412/84740, 85502                   |
| Test Date:     | 2024-07-02, 2024-08-12,<br>2024-08-21 |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5500               | 20.12                       | 2.091                     | 8.66                                      | 11.67                                   |
| Mid     | 5580               | 18.20                       | 2.584                     | 8.66                                      | 11.67                                   |
| High    | 5700               | 20.08                       | 2.089                     | 8.66                                      | 11.67                                   |
| 144     | 5720               | 15.96                       | 2.029                     | 8.66                                      | 11.67                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5500               | 21.34                          | 14.20                           | 20.20                          | 11.54                   | 5.33                                  | 11.00                                  | 5.33                           |
| Mid     | 5580               | 20.94                          | 15.12                           | 21.12                          | 12.46                   | 5.33                                  | 11.00                                  | 5.33                           |
| High    | 5700               | 21.34                          | 14.20                           | 20.20                          | 11.54                   | 5.33                                  | 11.00                                  | 5.33                           |
| 144     | 5720               | 20.37                          | 14.07                           | 20.07                          | 11.41                   | 5.33                                  | 11.00                                  | 5.33                           |

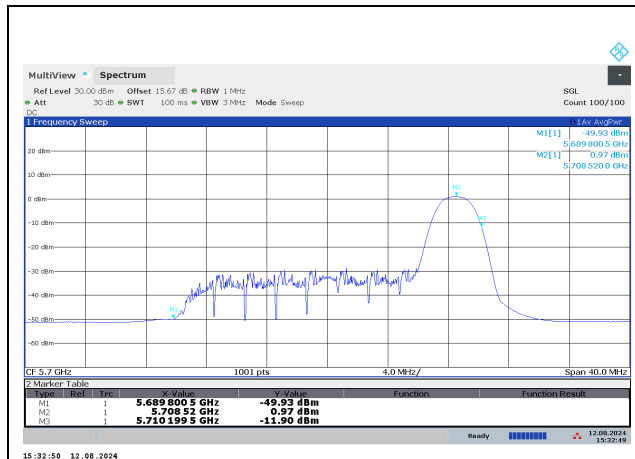
|                    |      |                                                |
|--------------------|------|------------------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd Power & PSD |
|--------------------|------|------------------------------------------------|

### Output Power Results

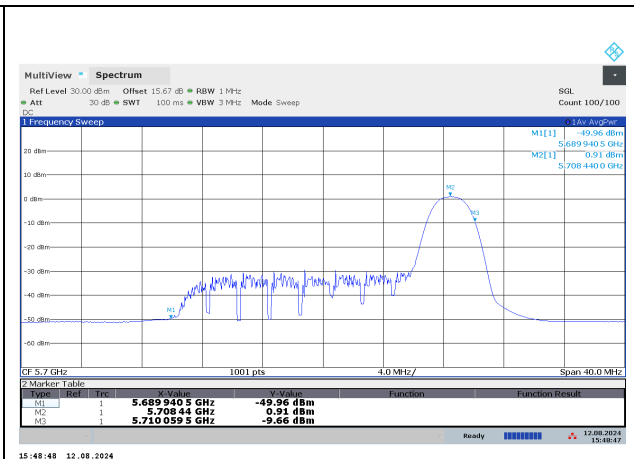
| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5500               | 5.32                              | 5.03                              | 8.19                              | 11.54                   | -3.35                   |
| Mid     | 5580               | 5.96                              | 5.75                              | 8.87                              | 12.46                   | -3.60                   |
| High    | 5700               | 5.68                              | 5.26                              | 8.49                              | 11.54                   | -3.05                   |
| 144     | 5720               | 5.55                              | 5.18                              | 8.38                              | 11.41                   | -3.03                   |

### PSD Results

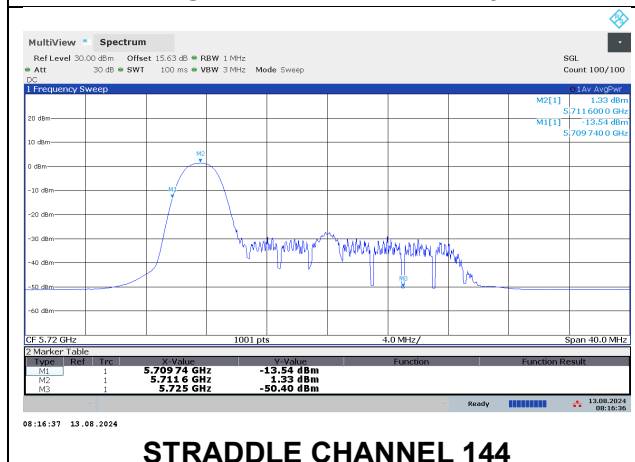
| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | CHAIN 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5500               | 1.22                                     | 0.41                                     | 3.844                                    | 5.33                           | -1.49                 |
| Mid     | 5580               | 0.59                                     | 0.63                                     | 3.620                                    | 5.33                           | -1.71                 |
| High    | 5700               | 0.97                                     | 0.91                                     | 3.950                                    | 5.33                           | -1.38                 |
| 144     | 5720               | 1.33                                     | 0.61                                     | 3.995                                    | 5.33                           | -1.33                 |



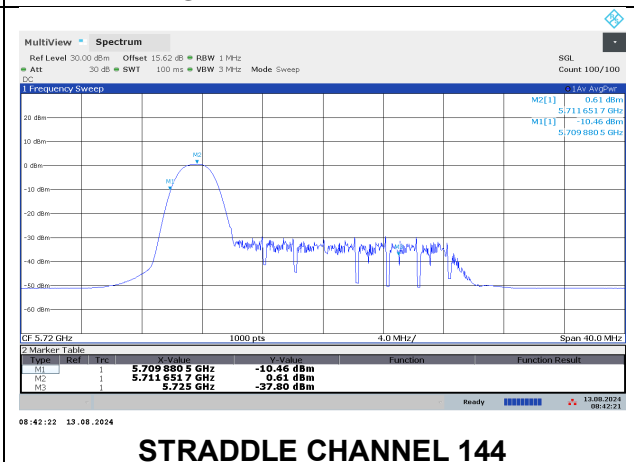
HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1



STRADDLE CHANNEL 144



STRADDLE CHANNEL 144

## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T (Low Gain)

|                |                                       |
|----------------|---------------------------------------|
| Test Engineer: | 104412/84740, 85502                   |
| Test Date:     | 2024-07-03, 2024-08-12,<br>2024-08-13 |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5500               | 20.44                       | 4.0613                    | 5.20                                      | 8.21                                    |
| Mid     | 5580               | 18.44                       | 4.0684                    | 5.20                                      | 8.21                                    |
| High    | 5700               | 20.64                       | 4.0792                    | 5.20                                      | 8.21                                    |
| 144     | 5720               | 16.36                       | 4.0618                    | 5.20                                      | 8.21                                    |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5500               | 24.00                          | 17.09                           | 23.09                          | 17.09                   | 8.79                                  | 11.00                                  | 8.79                           |
| Mid     | 5580               | 23.66                          | 17.09                           | 23.09                          | 17.09                   | 8.79                                  | 11.00                                  | 8.79                           |
| High    | 5700               | 24.00                          | 17.11                           | 23.11                          | 17.11                   | 8.79                                  | 11.00                                  | 8.79                           |
| 144     | 5720               | 23.14                          | 17.09                           | 23.09                          | 17.09                   | 8.79                                  | 11.00                                  | 8.79                           |

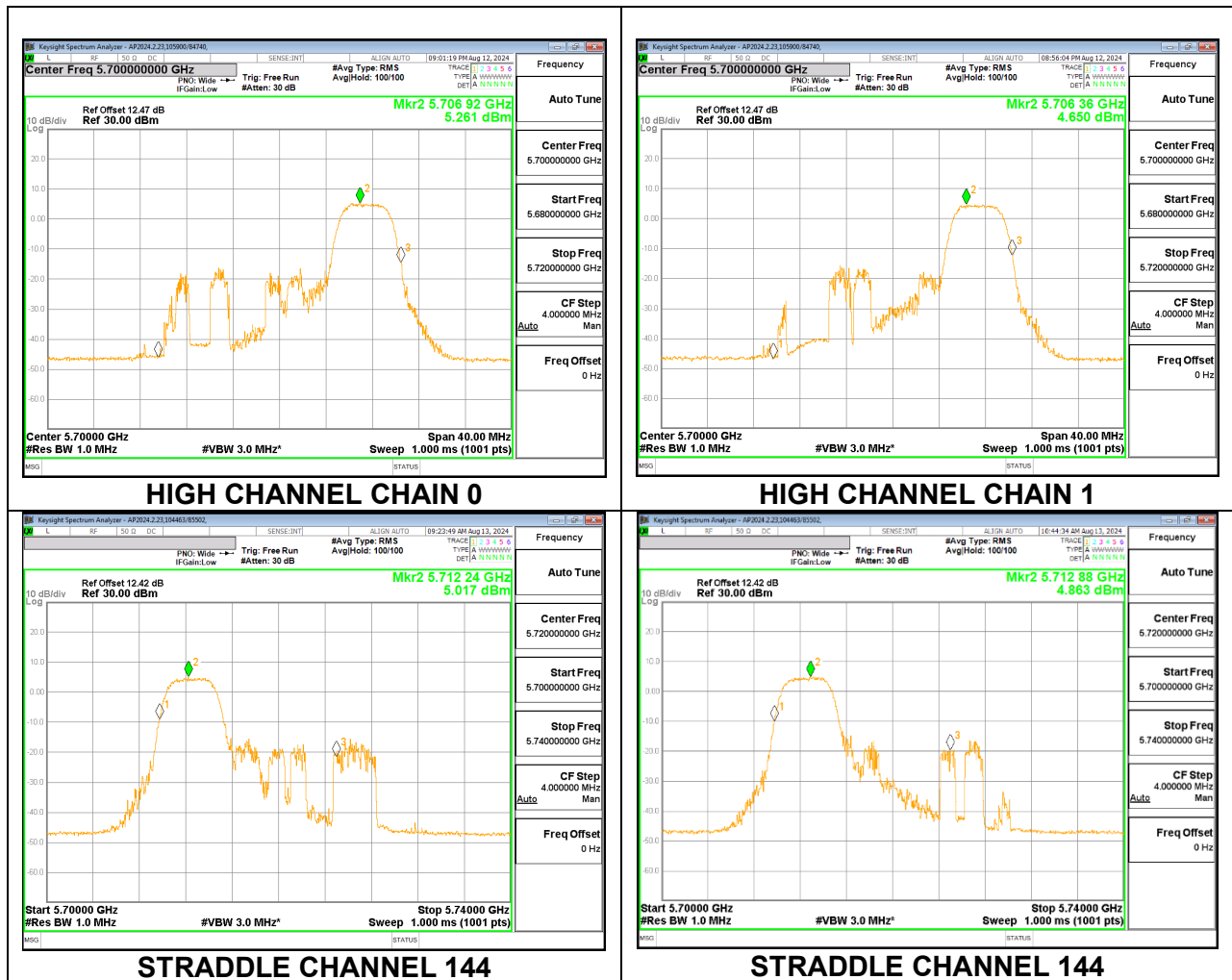
|                    |      |                                                |
|--------------------|------|------------------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd Power & PSD |
|--------------------|------|------------------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5500               | 11.74                             | 11.52                             | 14.64                             | 17.09                   | -2.44                   |
| Mid     | 5580               | 11.61                             | 11.35                             | 14.49                             | 17.09                   | -2.60                   |
| High    | 5700               | 11.57                             | 11.14                             | 14.37                             | 17.11                   | -2.74                   |
| 144     | 5720               | 11.60                             | 11.46                             | 14.54                             | 17.09                   | -2.55                   |

### PSD Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | CHAIN 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5500               | 4.996                                    | 4.739                                    | 7.880                                    | 8.79                           | -0.91                 |
| Mid     | 5580               | 4.576                                    | 4.988                                    | 7.797                                    | 8.79                           | -0.99                 |
| High    | 5700               | 5.261                                    | 4.650                                    | 7.977                                    | 8.79                           | -0.81                 |
| 144     | 5720               | 5.017                                    | 4.863                                    | 7.951                                    | 8.79                           | -0.84                 |





## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T (Mid Gain)

|                       |                                    |
|-----------------------|------------------------------------|
| <b>Test Engineer:</b> | 105900/84740, 85502, 33499/84740   |
| <b>Test Date:</b>     | 2024-08-29, 2024-09-17, 2024-09-18 |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5500               | 20.44                       | 4.0613                    | 7.30                                      | 10.31                                   |
| Mid     | 5580               | 18.44                       | 4.0684                    | 7.30                                      | 10.31                                   |
| High    | 5700               | 20.64                       | 4.0792                    | 7.30                                      | 10.31                                   |
| 144     | 5720               | 16.36                       | 4.0618                    | 7.30                                      | 10.31                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5500               | 22.70                          | 17.09                           | 23.09                          | 15.79                   | 6.69                                  | 11.00                                  | 6.69                           |
| Mid     | 5580               | 22.36                          | 17.09                           | 23.09                          | 15.79                   | 6.69                                  | 11.00                                  | 6.69                           |
| High    | 5700               | 22.70                          | 17.11                           | 23.11                          | 15.81                   | 6.69                                  | 11.00                                  | 6.69                           |
| 144     | 5720               | 21.84                          | 17.09                           | 23.09                          | 15.79                   | 6.69                                  | 11.00                                  | 6.69                           |

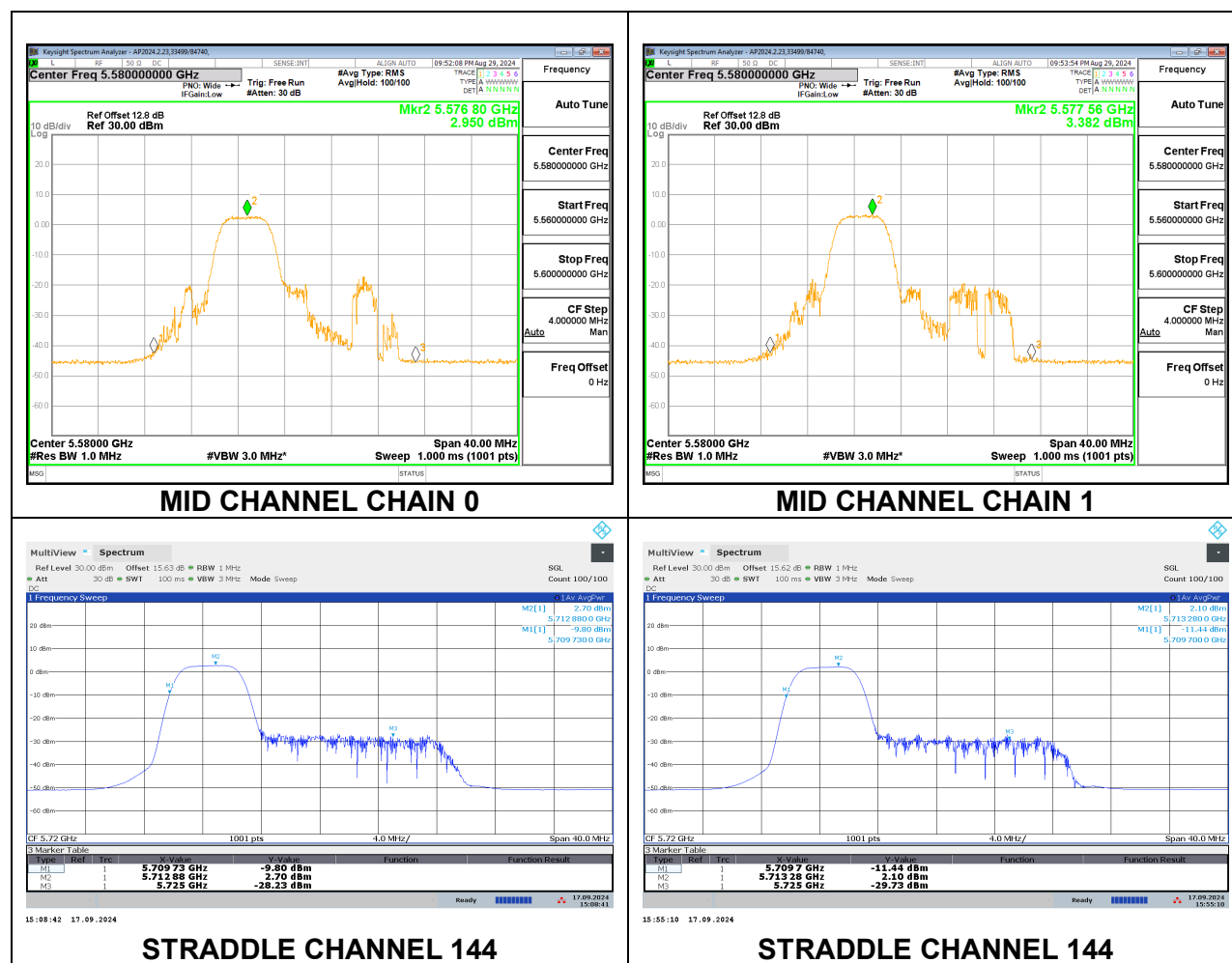
|                           |      |                                                |
|---------------------------|------|------------------------------------------------|
| <b>Duty Cycle CF (dB)</b> | 0.00 | Included in Calculations of Corr'd Power & PSD |
|---------------------------|------|------------------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5500               | 9.30                              | 7.96                              | 11.69                             | 15.79                   | -4.09                   |
| Mid     | 5580               | 9.43                              | 8.43                              | 11.97                             | 15.79                   | -3.83                   |
| High    | 5700               | 9.25                              | 8.08                              | 11.71                             | 15.81                   | -4.09                   |
| 144     | 5720               | 10.47                             | 9.30                              | 12.93                             | 15.79                   | -2.85                   |

### PSD Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | CHAIN 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5500               | 2.820                                    | 2.892                                    | 5.866                                    | 6.69                           | -0.82                 |
| Mid     | 5580               | 2.950                                    | 3.382                                    | 6.182                                    | 6.69                           | -0.51                 |
| High    | 5700               | 2.715                                    | 3.089                                    | 5.916                                    | 6.69                           | -0.77                 |
| 144     | 5720               | 2.700                                    | 2.100                                    | 5.421                                    | 6.69                           | -1.27                 |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T (High Gain)

|                |                        |
|----------------|------------------------|
| Test Engineer: | 104414/21193, 84740    |
| Test Date:     | 2024-07-02, 2024-08-13 |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5500               | 20.44                       | 4.0613                    | 8.66                                      | 11.67                                   |
| Mid     | 5580               | 18.44                       | 4.0684                    | 8.66                                      | 11.67                                   |
| High    | 5700               | 20.64                       | 4.0792                    | 8.66                                      | 11.67                                   |
| 144     | 5720               | 16.36                       | 4.0618                    | 8.66                                      | 11.67                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5500               | 21.34                          | 17.09                           | 23.09                          | 14.43                   | 5.33                                  | 11.00                                  | 5.33                           |
| Mid     | 5580               | 21.00                          | 17.09                           | 23.09                          | 14.43                   | 5.33                                  | 11.00                                  | 5.33                           |
| High    | 5700               | 21.34                          | 17.11                           | 23.11                          | 14.45                   | 5.33                                  | 11.00                                  | 5.33                           |
| 144     | 5720               | 20.48                          | 17.09                           | 23.09                          | 14.43                   | 5.33                                  | 11.00                                  | 5.33                           |

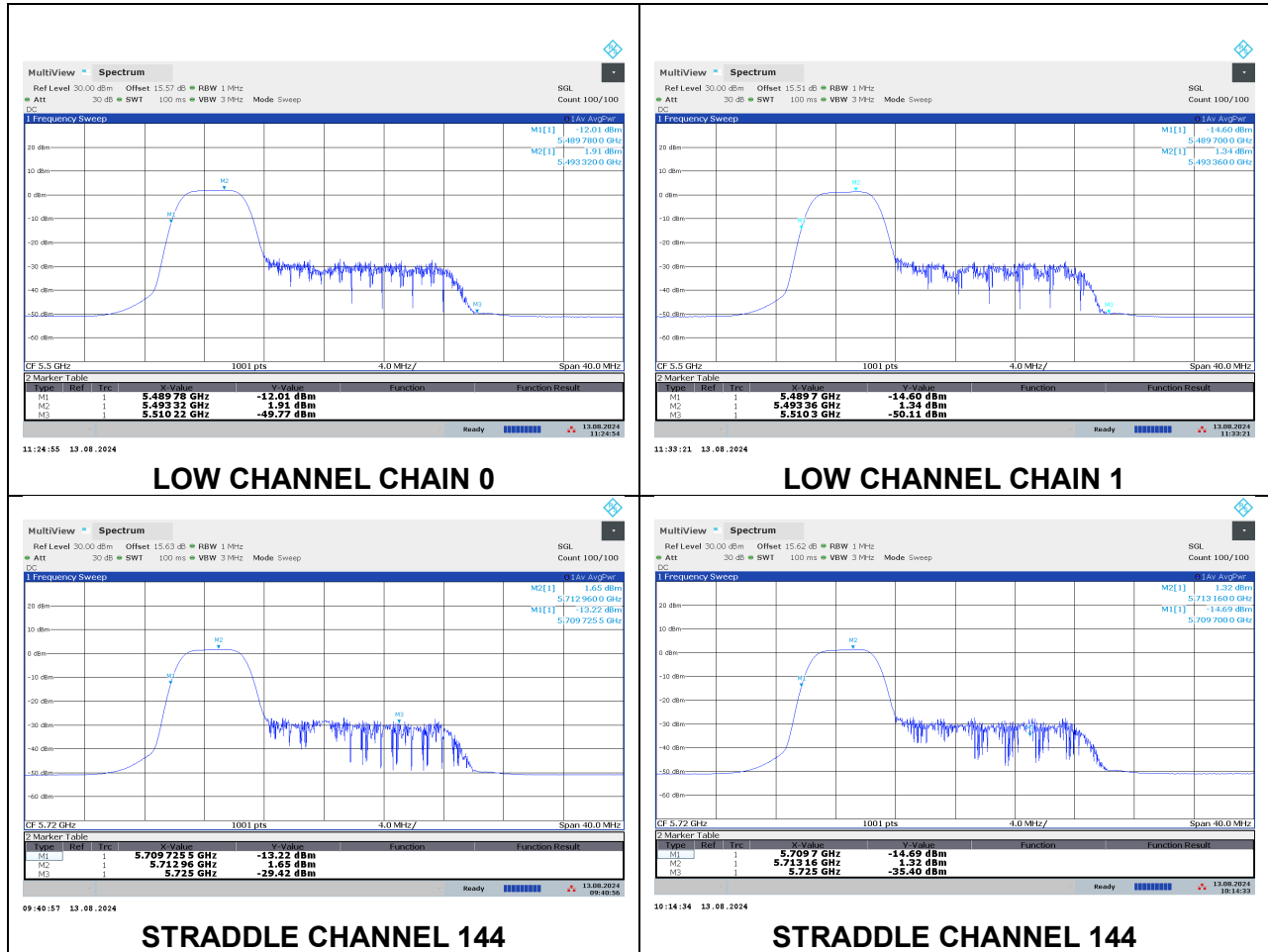
|                    |      |                                                |
|--------------------|------|------------------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd Power & PSD |
|--------------------|------|------------------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5500               | 8.94                              | 8.59                              | 11.78                             | 14.43                   | -2.65                   |
| Mid     | 5580               | 8.97                              | 8.90                              | 11.95                             | 14.43                   | -2.49                   |
| High    | 5700               | 8.41                              | 8.01                              | 11.22                             | 14.45                   | -3.22                   |
| 144     | 5720               | 8.39                              | 8.23                              | 11.32                             | 14.43                   | -3.11                   |

### PSD Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | CHAIN 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5500               | 1.910                                    | 1.340                                    | 4.645                                    | 5.33                           | -0.69                 |
| Mid     | 5580               | 1.371                                    | 1.446                                    | 4.419                                    | 5.33                           | -0.91                 |
| High    | 5700               | 1.660                                    | 1.480                                    | 4.581                                    | 5.33                           | -0.75                 |
| 144     | 5720               | 1.650                                    | 1.320                                    | 4.498                                    | 5.33                           | -0.83                 |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T + 26T (Low Gain)

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/84740 |
| Test Date:     | 2024-07-03   |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Low     | 5500               | 19.12                       | 6.3283                    | 5.20                                      |
| Mid     | 5580               | 19.12                       | 6.3175                    | 5.20                                      |
| High    | 5700               | 19.36                       | 6.1589                    | 5.20                                      |
| 144     | 5720               | 14.68                       | 6.1139                    | 5.20                                      |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Low     | 5500               | 23.81                          | 19.01                           | 25.01                          | 19.01                   |
| Mid     | 5580               | 23.81                          | 19.01                           | 25.01                          | 19.01                   |
| High    | 5700               | 23.87                          | 18.90                           | 24.90                          | 18.90                   |
| 144     | 5720               | 22.67                          | 18.86                           | 24.86                          | 18.86                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5500               | 11.43                             | 11.86                             | 14.66                             | 19.01                   | -4.35                   |
| Mid     | 5580               | 11.56                             | 11.70                             | 14.64                             | 19.01                   | -4.36                   |
| High    | 5700               | 11.77                             | 11.99                             | 14.89                             | 18.90                   | -4.00                   |
| 144     | 5720               | 11.77                             | 11.97                             | 14.88                             | 18.86                   | -3.98                   |

## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T + 26T (Mid Gain)

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-18  |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Low     | 5500               | 19.12                       | 6.3283                    | 7.30                                      |
| Mid     | 5580               | 19.12                       | 6.3175                    | 7.30                                      |
| High    | 5700               | 19.36                       | 6.1589                    | 7.30                                      |
| 144     | 5720               | 14.68                       | 6.1139                    | 7.30                                      |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Low     | 5500               | 22.51                          | 19.01                           | 25.01                          | 17.71                   |
| Mid     | 5580               | 22.51                          | 19.01                           | 25.01                          | 17.71                   |
| High    | 5700               | 22.57                          | 18.90                           | 24.90                          | 17.60                   |
| 144     | 5720               | 21.37                          | 18.86                           | 24.86                          | 17.56                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5500               | 9.44                              | 8.37                              | 11.95                             | 17.71                   | -5.76                   |
| Mid     | 5580               | 9.41                              | 8.35                              | 11.92                             | 17.71                   | -5.78                   |
| High    | 5700               | 9.53                              | 8.59                              | 12.10                             | 17.60                   | -5.50                   |
| 144     | 5720               | 10.75                             | 9.75                              | 13.29                             | 17.56                   | -4.27                   |

## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T + 26T (High Gain)

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/84740 |
| Test Date:     | 2024-07-02   |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|
| Low     | 5500               | 19.12                       | 6.3283                    | 8.66                                      |
| Mid     | 5580               | 19.12                       | 6.3175                    | 8.66                                      |
| High    | 5700               | 19.36                       | 6.1589                    | 8.66                                      |
| 144     | 5720               | 14.68                       | 6.1139                    | 8.66                                      |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Low     | 5500               | 21.15                          | 19.01                           | 25.01                          | 16.35                   |
| Mid     | 5580               | 21.15                          | 19.01                           | 25.01                          | 16.35                   |
| High    | 5700               | 21.21                          | 18.90                           | 24.90                          | 16.24                   |
| 144     | 5720               | 20.01                          | 18.86                           | 24.86                          | 16.20                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5500               | 8.69                              | 8.38                              | 11.55                             | 16.35                   | -4.80                   |
| Mid     | 5580               | 8.91                              | 8.68                              | 11.81                             | 16.35                   | -4.54                   |
| High    | 5700               | 8.42                              | 7.72                              | 11.09                             | 16.24                   | -5.14                   |
| 144     | 5720               | 8.53                              | 7.87                              | 11.22                             | 16.20                   | -4.98                   |

## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 106T (Low Gain)

|                |                        |
|----------------|------------------------|
| Test Engineer: | 85502, 33489/84740     |
| Test Date:     | 2024-08-21, 2024-08-22 |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5500               | 20.80                       | 8.2605                    | 5.20                                      | 8.21                                    |
| Mid     | 5580               | 20.76                       | 8.2195                    | 5.20                                      | 8.21                                    |
| High    | 5700               | 20.72                       | 8.1799                    | 5.20                                      | 8.21                                    |
| 144     | 5720               | 16.48                       | 8.1760                    | 5.20                                      | 8.21                                    |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5500               | 24.00                          | 20.17                           | 26.17                          | 20.17                   | 8.79                                  | 11.00                                  | 8.79                           |
| Mid     | 5580               | 24.00                          | 20.15                           | 26.15                          | 20.15                   | 8.79                                  | 11.00                                  | 8.79                           |
| High    | 5700               | 24.00                          | 20.13                           | 26.13                          | 20.13                   | 8.79                                  | 11.00                                  | 8.79                           |
| 144     | 5720               | 23.17                          | 20.13                           | 26.13                          | 20.13                   | 8.79                                  | 11.00                                  | 8.79                           |

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

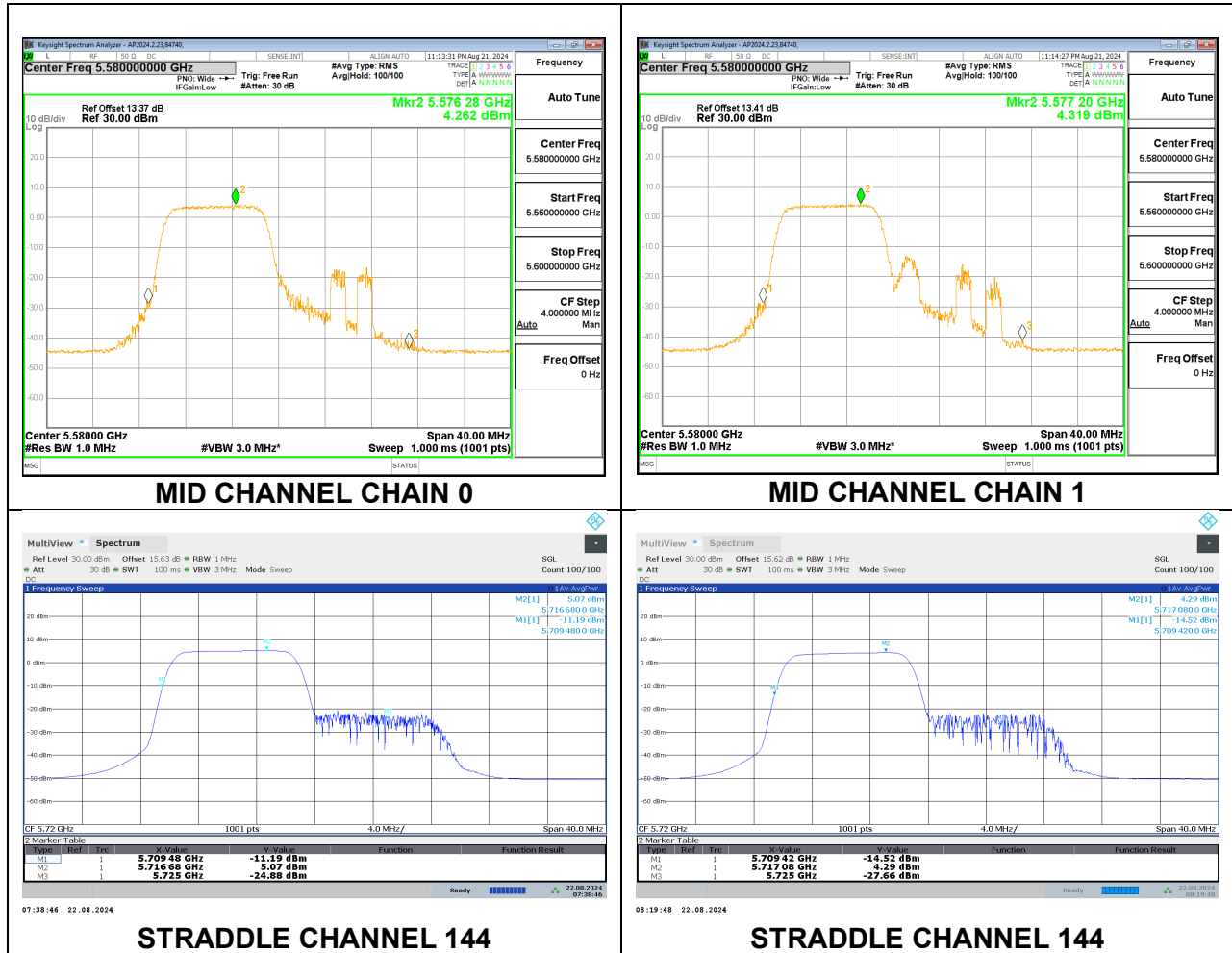
### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5500               | 14.45                             | 14.28                             | 17.38                             | 20.17                   | -2.79                   |
| Mid     | 5580               | 14.64                             | 14.25                             | 17.46                             | 20.15                   | -2.69                   |
| High    | 5700               | 14.53                             | 14.05                             | 17.31                             | 20.13                   | -2.82                   |
| 144     | 5720               | 14.68                             | 14.03                             | 17.38                             | 20.13                   | -2.75                   |

### PSD Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | CHAIN 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5500               | 3.948                                    | 4.243                                    | 7.108                                    | 8.79                           | -1.68                 |
| Mid     | 5580               | 4.262                                    | 4.319                                    | 7.301                                    | 8.79                           | -1.49                 |
| High    | 5700               | 3.648                                    | 4.048                                    | 6.863                                    | 8.79                           | -1.93                 |
| 144     | 5720               | 5.070                                    | 4.290                                    | 7.708                                    | 8.79                           | -1.08                 |





## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 106T (Mid Gain)

|                |                                    |
|----------------|------------------------------------|
| Test Engineer: | 105900/84740, 85502, 33499/84740   |
| Test Date:     | 2024-08-29, 2024-09-17, 2024-09-18 |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5500               | 20.80                       | 8.2605                    | 7.30                                      | 10.31                                   |
| Mid     | 5580               | 20.76                       | 8.2195                    | 7.30                                      | 10.31                                   |
| High    | 5700               | 20.72                       | 8.1799                    | 7.30                                      | 10.31                                   |
| 144     | 5720               | 16.48                       | 8.1760                    | 7.30                                      | 10.31                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5500               | 22.70                          | 20.17                           | 26.17                          | 18.87                   | 6.69                                  | 11.00                                  | 6.69                           |
| Mid     | 5580               | 22.70                          | 20.15                           | 26.15                          | 18.85                   | 6.69                                  | 11.00                                  | 6.69                           |
| High    | 5700               | 22.70                          | 20.13                           | 26.13                          | 18.83                   | 6.69                                  | 11.00                                  | 6.69                           |
| 144     | 5720               | 21.87                          | 20.13                           | 26.13                          | 18.83                   | 6.69                                  | 11.00                                  | 6.69                           |

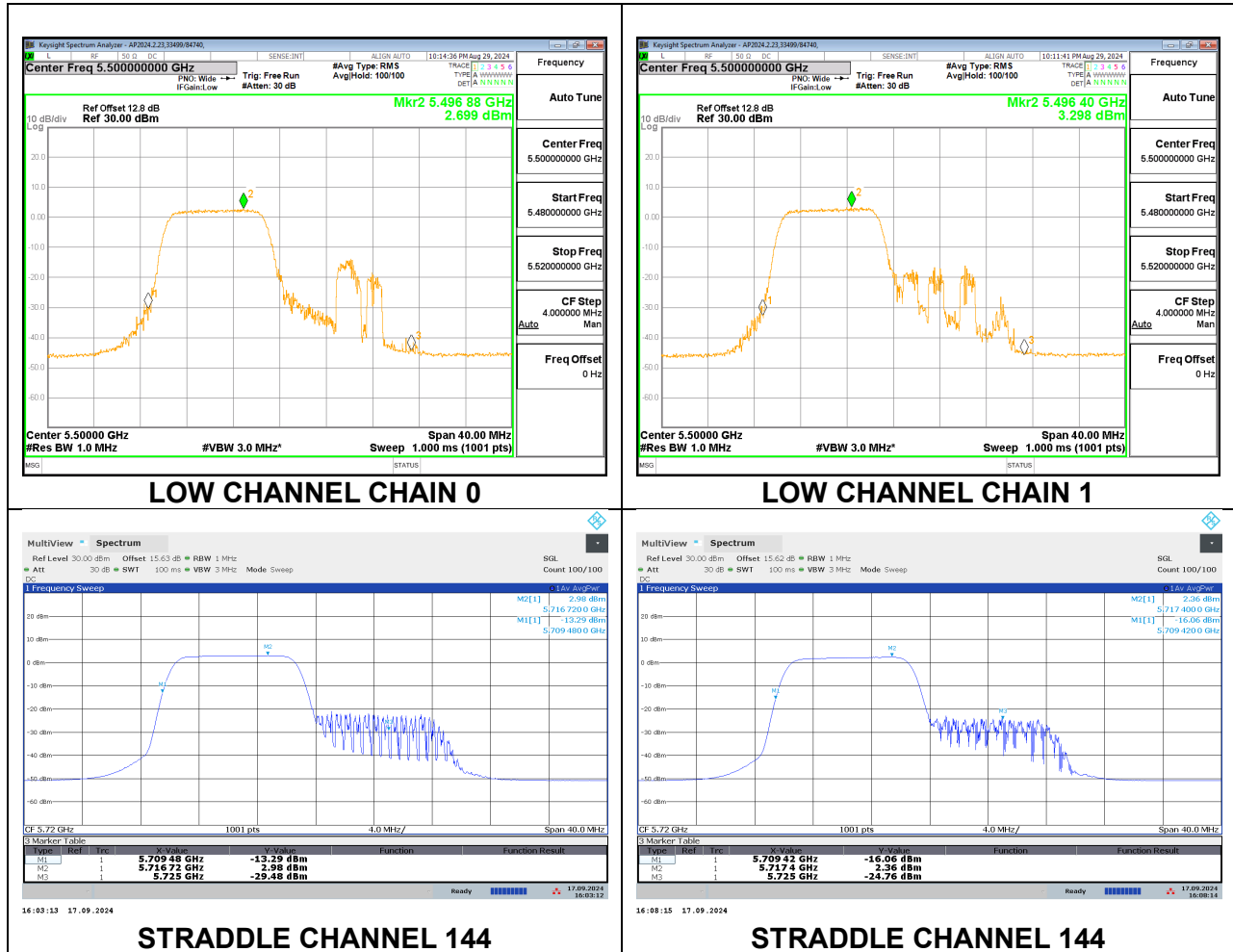
|                    |      |                                                |
|--------------------|------|------------------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd Power & PSD |
|--------------------|------|------------------------------------------------|

### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5500               | 12.33                             | 11.45                             | 14.92                             | 18.87                   | -3.95                   |
| Mid     | 5580               | 11.97                             | 10.83                             | 14.45                             | 18.85                   | -4.40                   |
| High    | 5700               | 12.03                             | 11.09                             | 14.60                             | 18.83                   | -4.23                   |
| 144     | 5720               | 13.75                             | 12.55                             | 16.20                             | 18.83                   | -2.62                   |

### PSD Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | CHAIN 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5500               | 2.699                                    | 3.298                                    | 6.019                                    | 6.69                           | -0.67                 |
| Mid     | 5580               | 2.656                                    | 2.893                                    | 5.786                                    | 6.69                           | -0.90                 |
| High    | 5700               | 2.536                                    | 3.015                                    | 5.792                                    | 6.69                           | -0.90                 |
| 144     | 5720               | 2.980                                    | 2.360                                    | 5.691                                    | 6.69                           | -1.00                 |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 106T (High Gain)

|                |                        |
|----------------|------------------------|
| Test Engineer: | 104412/84740           |
| Test Date:     | 2024-07-02, 2024-08-13 |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5500               | 20.80                       | 8.2605                    | 8.66                                      | 11.67                                   |
| Mid     | 5580               | 20.76                       | 8.2195                    | 8.66                                      | 11.67                                   |
| High    | 5700               | 20.72                       | 8.1799                    | 8.66                                      | 11.67                                   |
| 144     | 5720               | 16.48                       | 8.1760                    | 8.66                                      | 11.67                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5500               | 21.34                          | 20.17                           | 26.17                          | 17.51                   | 5.33                                  | 11.00                                  | 5.33                           |
| Mid     | 5580               | 21.34                          | 20.15                           | 26.15                          | 17.49                   | 5.33                                  | 11.00                                  | 5.33                           |
| High    | 5700               | 21.34                          | 20.13                           | 26.13                          | 17.47                   | 5.33                                  | 11.00                                  | 5.33                           |
| 144     | 5720               | 20.51                          | 20.13                           | 26.13                          | 17.47                   | 5.33                                  | 11.00                                  | 5.33                           |

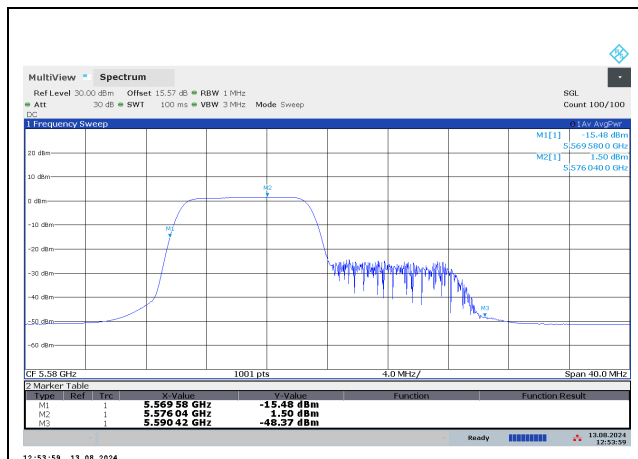
|                    |      |                                                |
|--------------------|------|------------------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd Power & PSD |
|--------------------|------|------------------------------------------------|

### Output Power Results

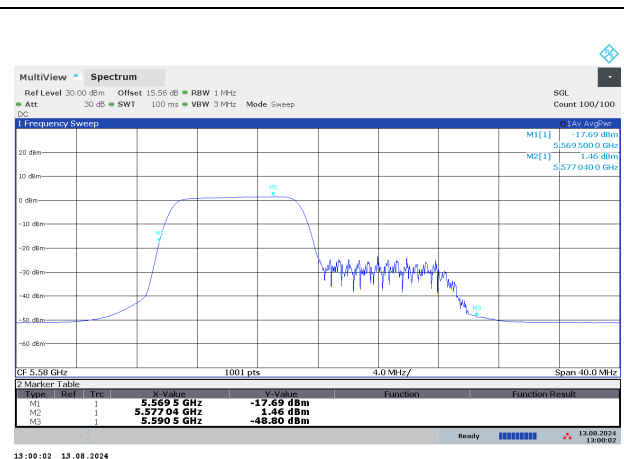
| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5500               | 11.44                             | 11.30                             | 14.38                             | 17.51                   | -3.13                   |
| Mid     | 5580               | 11.46                             | 11.18                             | 14.33                             | 17.49                   | -3.16                   |
| High    | 5700               | 11.39                             | 10.94                             | 14.18                             | 17.47                   | -3.29                   |
| 144     | 5720               | 11.21                             | 11.31                             | 14.27                             | 17.47                   | -3.19                   |

### PSD Results

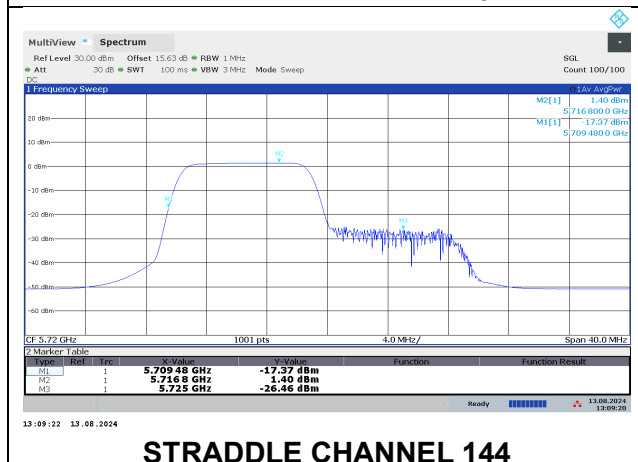
| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | CHAIN 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5500               | 1.41                                     | 1.33                                     | 4.380                                    | 5.33                           | -0.95                 |
| Mid     | 5580               | 1.50                                     | 1.46                                     | 4.490                                    | 5.33                           | -0.84                 |
| High    | 5700               | 1.47                                     | 1.38                                     | 4.436                                    | 5.33                           | -0.89                 |
| 144     | 5720               | 1.40                                     | 1.45                                     | 4.435                                    | 5.33                           | -0.89                 |



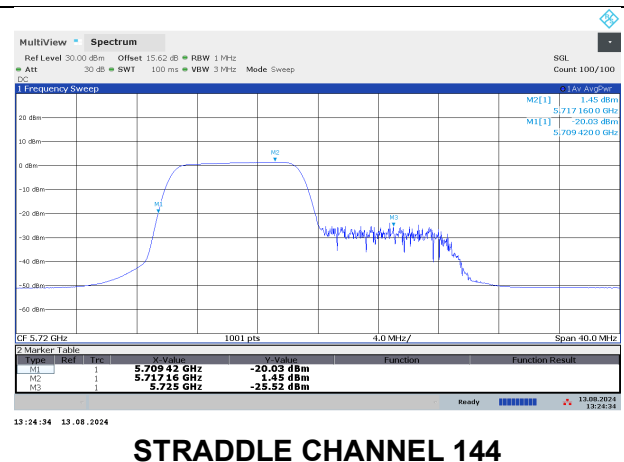
MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1



STRADDLE CHANNEL 144



STRADDLE CHANNEL 144

## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 106T + 26T (Low Gain)

|                |             |
|----------------|-------------|
| Test Engineer: | 33489/84740 |
| Test Date:     | 2024-08-21  |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5500               | 21.00                       | 10.7930                   | 5.20                                      | 8.21                                    |
| Mid     | 5580               | 21.08                       | 10.9460                   | 5.20                                      | 8.21                                    |
| High    | 5700               | 21.44                       | 10.7490                   | 5.20                                      | 8.21                                    |
| 144     | 5720               | 16.28                       | 10.7430                   | 5.20                                      | 8.21                                    |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Low     | 5500               | 24.00                          | 21.33                           | 27.33                          | 21.33                   |
| Mid     | 5580               | 24.00                          | 21.39                           | 27.39                          | 21.39                   |
| High    | 5700               | 24.00                          | 21.31                           | 27.31                          | 21.31                   |
| 144     | 5720               | 23.12                          | 21.31                           | 27.31                          | 21.31                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5500               | 14.53                             | 14.68                             | 17.62                             | 21.33                   | -3.72                   |
| Mid     | 5580               | 14.69                             | 14.81                             | 17.76                             | 21.39                   | -3.63                   |
| High    | 5700               | 14.57                             | 14.12                             | 17.36                             | 21.31                   | -3.95                   |
| 144     | 5720               | 14.75                             | 14.11                             | 17.45                             | 21.31                   | -3.86                   |

## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 106T + 26T (Mid Gain)

|                |             |
|----------------|-------------|
| Test Engineer: | 33499/84740 |
| Test Date:     | 2024-09-18  |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5500               | 21.00                       | 10.7930                   | 7.30                                      | 10.31                                   |
| Mid     | 5580               | 21.08                       | 10.9460                   | 7.30                                      | 10.31                                   |
| High    | 5700               | 21.44                       | 10.7490                   | 7.30                                      | 10.31                                   |
| 144     | 5720               | 16.28                       | 10.7430                   | 7.30                                      | 10.31                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Low     | 5500               | 22.70                          | 21.33                           | 27.33                          | 20.03                   |
| Mid     | 5580               | 22.70                          | 21.39                           | 27.39                          | 20.09                   |
| High    | 5700               | 22.70                          | 21.31                           | 27.31                          | 20.01                   |
| 144     | 5720               | 21.82                          | 21.31                           | 27.31                          | 20.01                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5500               | 12.38                             | 11.44                             | 14.95                             | 20.03                   | -5.09                   |
| Mid     | 5580               | 11.98                             | 11.01                             | 14.53                             | 20.09                   | -5.56                   |
| High    | 5700               | 12.06                             | 11.06                             | 14.60                             | 20.01                   | -5.41                   |
| 144     | 5720               | 13.77                             | 12.61                             | 16.24                             | 20.01                   | -3.77                   |

## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 106T + 26T (High Gain)

|                |              |
|----------------|--------------|
| Test Engineer: | 104412/84740 |
| Test Date:     | 2024-07-02   |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5500               | 21.00                       | 10.7930                   | 8.66                                      | 11.67                                   |
| Mid     | 5580               | 21.08                       | 10.9460                   | 8.66                                      | 11.67                                   |
| High    | 5700               | 21.44                       | 10.7490                   | 8.66                                      | 11.67                                   |
| 144     | 5720               | 16.28                       | 10.7430                   | 8.66                                      | 11.67                                   |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|
| Low     | 5500               | 21.34                          | 21.33                           | 27.33                          | 18.67                   |
| Mid     | 5580               | 21.34                          | 21.39                           | 27.39                          | 18.73                   |
| High    | 5700               | 21.34                          | 21.31                           | 27.31                          | 18.65                   |
| 144     | 5720               | 20.46                          | 21.31                           | 27.31                          | 18.65                   |

### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5500               | 11.50                             | 11.48                             | 14.50                             | 18.67                   | -4.17                   |
| Mid     | 5580               | 11.53                             | 10.85                             | 14.21                             | 18.73                   | -4.52                   |
| High    | 5700               | 11.36                             | 11.02                             | 14.20                             | 18.65                   | -4.45                   |
| 144     | 5720               | 11.21                             | 11.38                             | 14.31                             | 18.65                   | -4.35                   |



## 2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T (Low Gain)

|                |                                       |
|----------------|---------------------------------------|
| Test Engineer: | 104412/84740, 85502                   |
| Test Date:     | 2024-07-03, 2024-08-13,<br>2024-08-22 |

### Bandwidth and Antenna Gain

| Channel | Frequency<br>(MHz) | Min<br>26 dB<br>BW<br>(MHz) | Min<br>99%<br>BW<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) |
|---------|--------------------|-----------------------------|---------------------------|-------------------------------------------|-----------------------------------------|
| Low     | 5500               | 22.56                       | 18.831                    | 5.20                                      | 8.21                                    |
| Mid     | 5580               | 22.40                       | 18.881                    | 5.20                                      | 8.21                                    |
| High    | 5700               | 22.44                       | 17.563                    | 5.20                                      | 8.21                                    |
| 144     | 5720               | 24.41                       | 18.804                    | 5.20                                      | 8.21                                    |

### Limits

| Channel | Frequency<br>(MHz) | FCC<br>Power<br>Limit<br>(dBm) | ISED<br>Power<br>Limit<br>(dBm) | ISED<br>EIRP<br>Limit<br>(dBm) | Power<br>Limit<br>(dBm) | FCC<br>PSD<br>Limit<br>(dBm/<br>1MHz) | ISED<br>PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) |
|---------|--------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------|
| Low     | 5500               | 24.00                          | 23.75                           | 29.75                          | 23.75                   | 8.79                                  | 11.00                                  | 8.79                           |
| Mid     | 5580               | 24.00                          | 23.76                           | 29.76                          | 23.76                   | 8.79                                  | 11.00                                  | 8.79                           |
| High    | 5700               | 24.00                          | 23.45                           | 29.45                          | 23.45                   | 8.79                                  | 11.00                                  | 8.79                           |
| 144     | 5720               | 24.00                          | 23.74                           | 29.74                          | 23.74                   | 8.79                                  | 11.00                                  | 8.79                           |

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

### Output Power Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>Power<br>(dBm) | CHAIN 1<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5500               | 16.84                             | 16.96                             | 19.91                             | 23.75                   | -3.84                   |
| Mid     | 5580               | 16.55                             | 16.79                             | 19.68                             | 23.76                   | -4.08                   |
| High    | 5700               | 13.65                             | 13.63                             | 16.65                             | 23.45                   | -6.80                   |
| 144     | 5720               | 16.57                             | 16.82                             | 19.71                             | 23.74                   | -4.04                   |

### PSD Results

| Channel | Frequency<br>(MHz) | CHAIN 0<br>Meas<br>PSD<br>(dBm/<br>1MHz) | CHAIN 1<br>Meas<br>PSD<br>(dBm/<br>1MHz) | Total<br>Corr'd<br>PSD<br>(dBm/<br>1MHz) | PSD<br>Limit<br>(dBm/<br>1MHz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------|-----------------------|
| Low     | 5500               | 3.185                                    | 3.019                                    | 6.113                                    | 8.79                           | -2.68                 |
| Mid     | 5580               | 3.492                                    | 3.289                                    | 6.402                                    | 8.79                           | -2.39                 |
| High    | 5700               | 2.924                                    | 3.671                                    | 6.324                                    | 8.79                           | -2.47                 |
| 144     | 5720               | 3.680                                    | 3.050                                    | 6.387                                    | 8.79                           | -2.40                 |