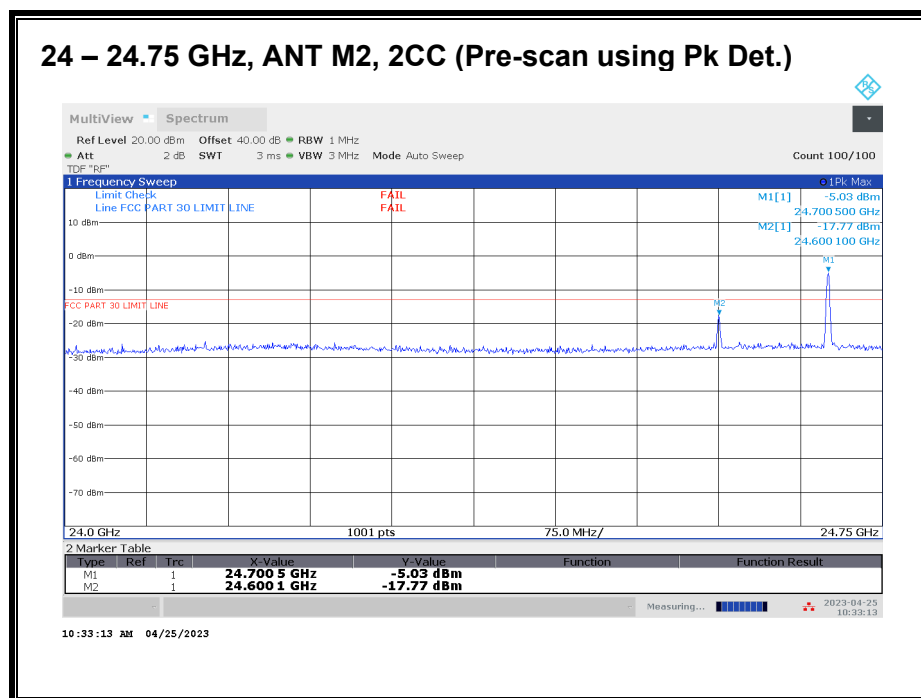


**24 – 24.75 GHz n258 SB2, 1CC**

| Antenna | Freq.  | Meas.<br>Distance | Rx Ant.<br>Polarity | Corrected<br>Avg EIRP | TRP Limit | Margin |
|---------|--------|-------------------|---------------------|-----------------------|-----------|--------|
|         | (GHz)  | (m)               | H/V                 | (dBm)                 | (dBm)     | (dB)   |
| M2      | 24.230 | 3.3               | H                   | -35.15                | -13       | -22.15 |
| M2      | 24.230 | 3.3               | V                   | -30.76                | -13       | -17.76 |
| M3      | 24.461 | 3.3               | H                   | -35.66                | -13       | -22.66 |
| M3      | 24.461 | 3.3               | V                   | -31.36                | -13       | -18.36 |

**24 – 24.75 GHz n258 SB2, 2CC**



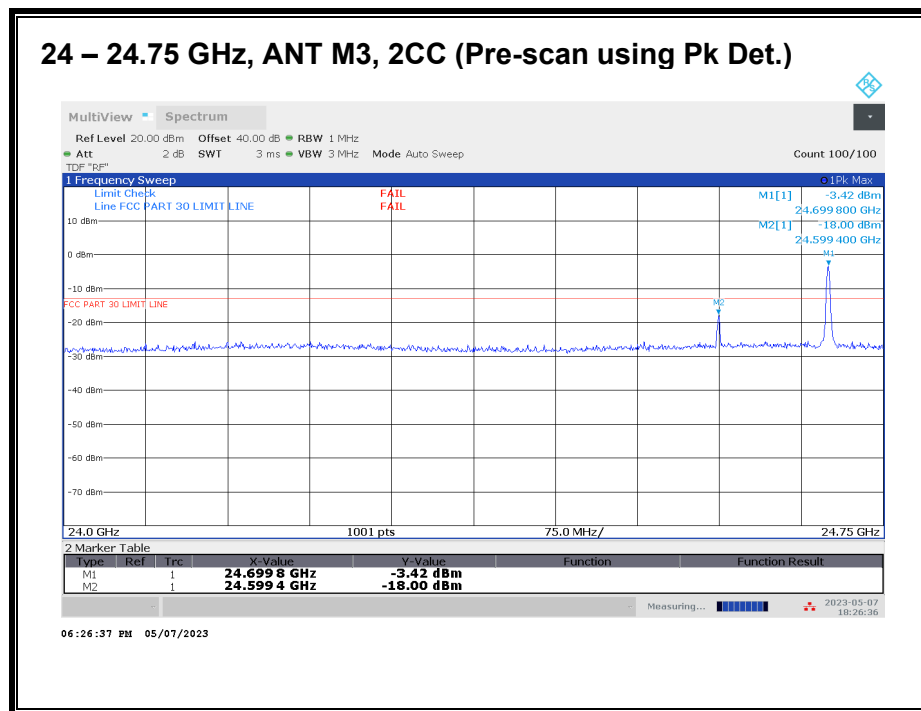
Worst case configuration:

SISO-DUAL\_QPSK\_(100 MHz + 100 MHz)\_Low CH\_RB Offset 1/32 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas. Distance | Rx Ant. Polarity | Corrected Avg EIRP | TRP Limit | Margin |
|---------|--------|----------------|------------------|--------------------|-----------|--------|
|         | (GHz)  | (m)            | H/V              | (dBm)              | (dBm)     | (dB)   |
| M2      | 24.699 | 3.3            | --               | -13.18             | -13       | -0.18  |



Worst case configuration:

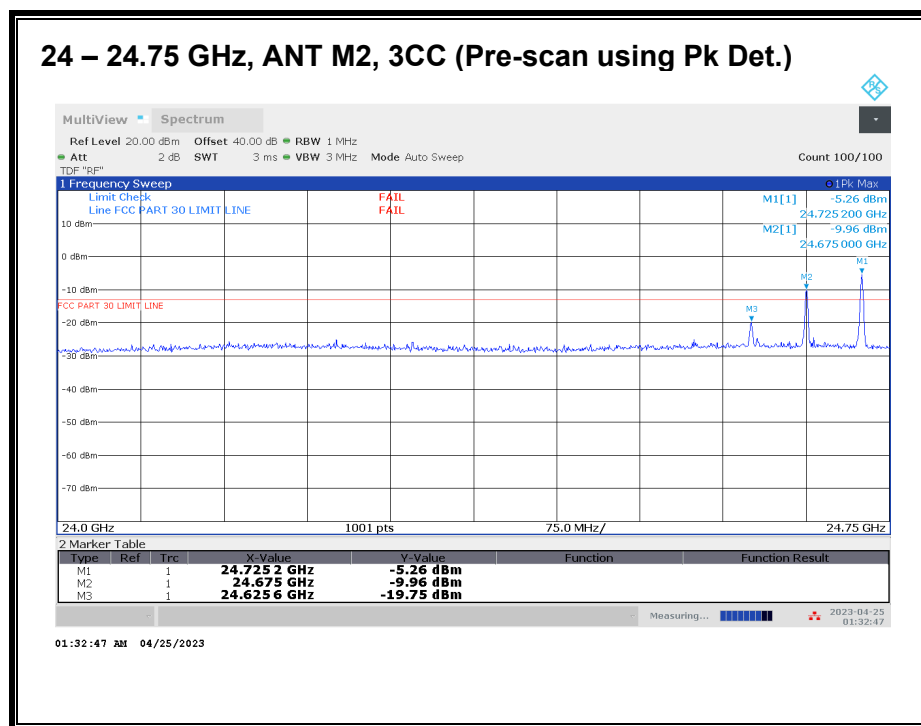
SISO-DUAL\_QPSK\_(100 MHz + 100 MHz)\_Low CH\_RB Offset 1/32 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP or TRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas. Distance | Rx Ant. Polarity | TRP    | TRP Limit | Margin |
|---------|--------|----------------|------------------|--------|-----------|--------|
|         | (GHz)  | (m)            | H/V              | (dBm)  | (dBm)     | (dB)   |
| M3      | 24.699 | 3.3            | --               | -21.90 | -13       | -8.90  |

**24 – 24.75 GHz n258 SB2, 3CC**



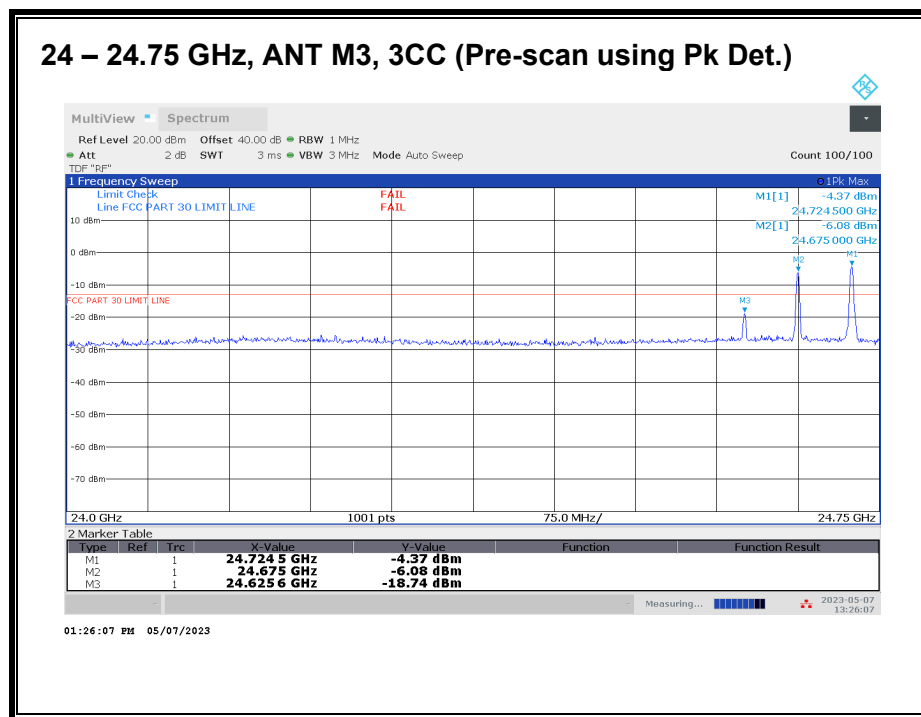
Worst case configuration:

SISO-DUAL\_QPSK\_(50 MHz + 50 MHz + 50 MHz)\_Low CH\_RB Offset 1/15 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas. Distance | Rx Ant. Polarity | Corrected Avg EIRP | TRP Limit | Margin |
|---------|--------|----------------|------------------|--------------------|-----------|--------|
|         | (GHz)  | (m)            | H/V              | (dBm)              | (dBm)     | (dB)   |
| M2      | 24.724 | 3.3            | --               | -15.14             | -13       | -2.14  |



Worst case configuration:

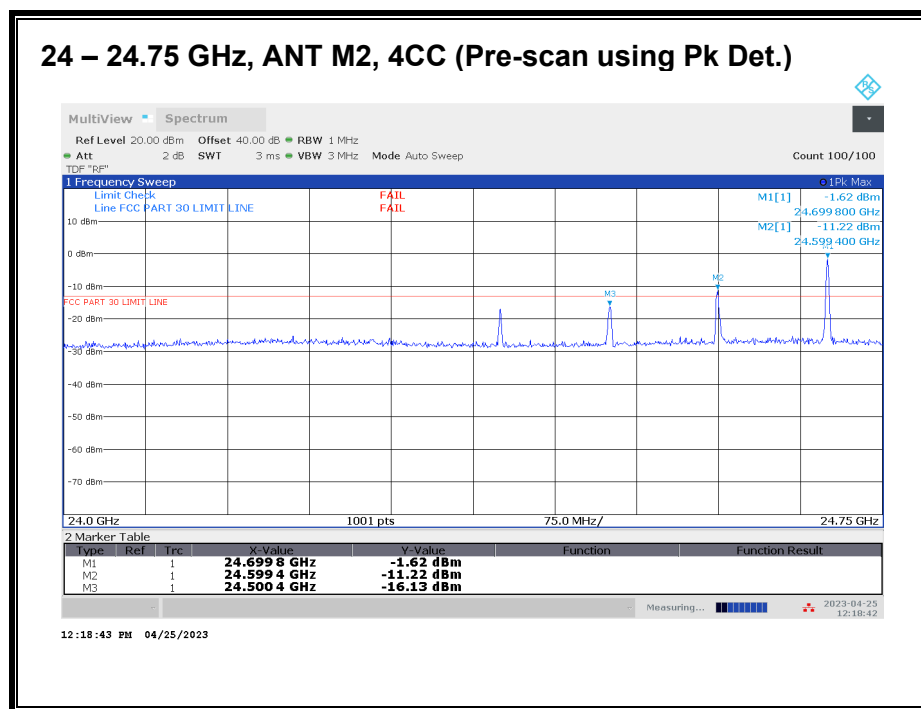
SISO-DUAL\_QPSK\_(50 MHz + 50 MHz + 50 MHz)\_Low CH\_RB Offset 1/15 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP or TRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas. Distance | Rx Ant. Polarity | TRP    | TRP Limit | Margin |
|---------|--------|----------------|------------------|--------|-----------|--------|
|         | (GHz)  | (m)            | H/V              | (dBm)  | (dBm)     | (dB)   |
| M3      | 24.724 | 3.3            | --               | -21.93 | -13       | -8.93  |

## 24 – 24.75 GHz n258 SB2, 4CC



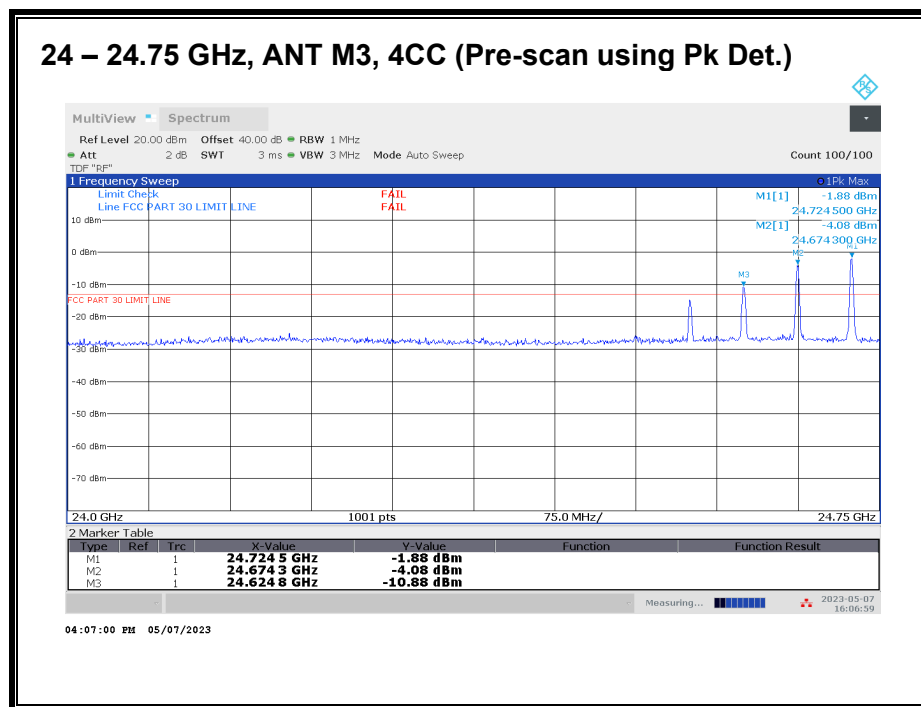
Worst case configuration:

SISO-DUAL\_QPSK\_(100 MHz + 100 MHz + 100 MHz + 100 MHz)\_Low CH\_RB Offset 1/32 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas. Distance | Rx Ant. Polarity | Corrected Avg EIRP | TRP Limit | Margin |
|---------|--------|----------------|------------------|--------------------|-----------|--------|
|         | (GHz)  | (m)            | H/V              | (dBm)              | (dBm)     | (dB)   |
| M2      | 24.699 | 3.3            | --               | -13.55             | -13       | -0.55  |



Worst case configuration:

SISO-DUAL\_QPSK\_(50 MHz + 50 MHz + 50 MHz + 50 MHz)\_Low CH\_RB Offset 1/15 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

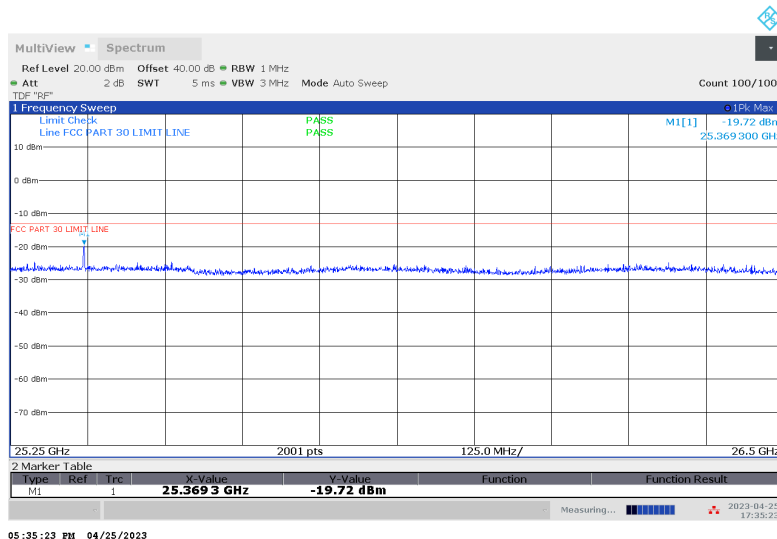
All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas.    | Rx Ant.  | Corrected | TRP Limit | Margin |
|---------|--------|----------|----------|-----------|-----------|--------|
|         | (GHz)  | Distance | Polarity | Avg EIRP  | (dBm)     | (dB)   |
|         |        | (m)      | H/V      | (dBm)     |           |        |
| M3      | 24.724 | 3.3      | --       | -14.40    | -13       | -1.40  |

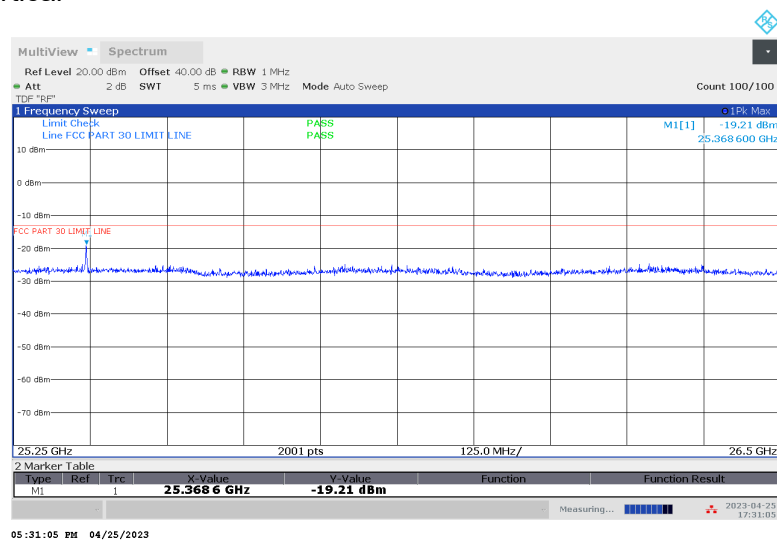
### 8.4.15. RSE n258 SB2 25.25 - 26.5 GHz

Note: 24.75 – 25.25 GHz covered by Fundamental and BE measurements.

#### 25.25 - 26.5 GHz, ANT M2, 1CC (Pre-scan using Pk Det.) Horizontal

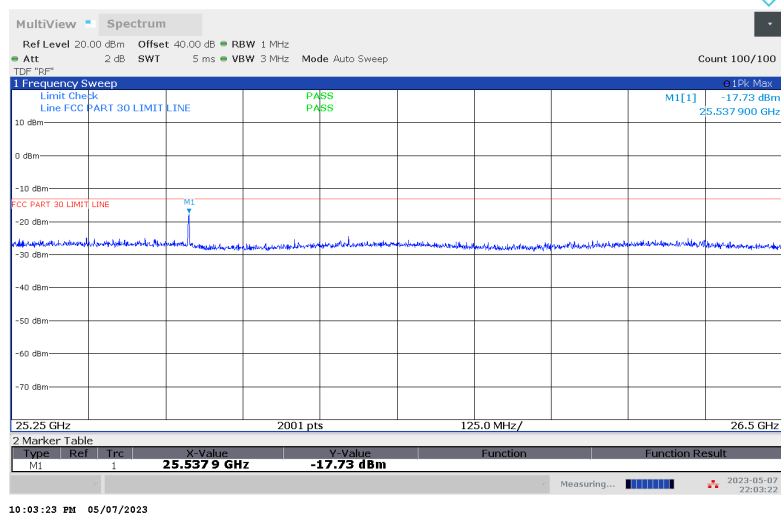


#### 25.25 - 26.5 GHz, ANT M2, 1CC (Pre-scan using Pk Det.) Vertical

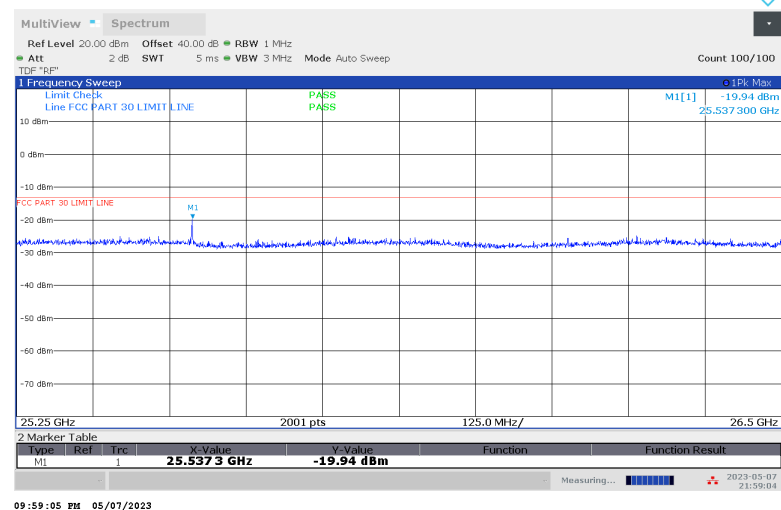


Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

**25.25 - 26.5 GHz, ANT M3, 1CC (Pre-scan using Pk Det.)**  
Horizontal



**25.25 - 26.5 GHz, ANT M3, 1CC (Pre-scan using Pk Det.)**  
Vertical

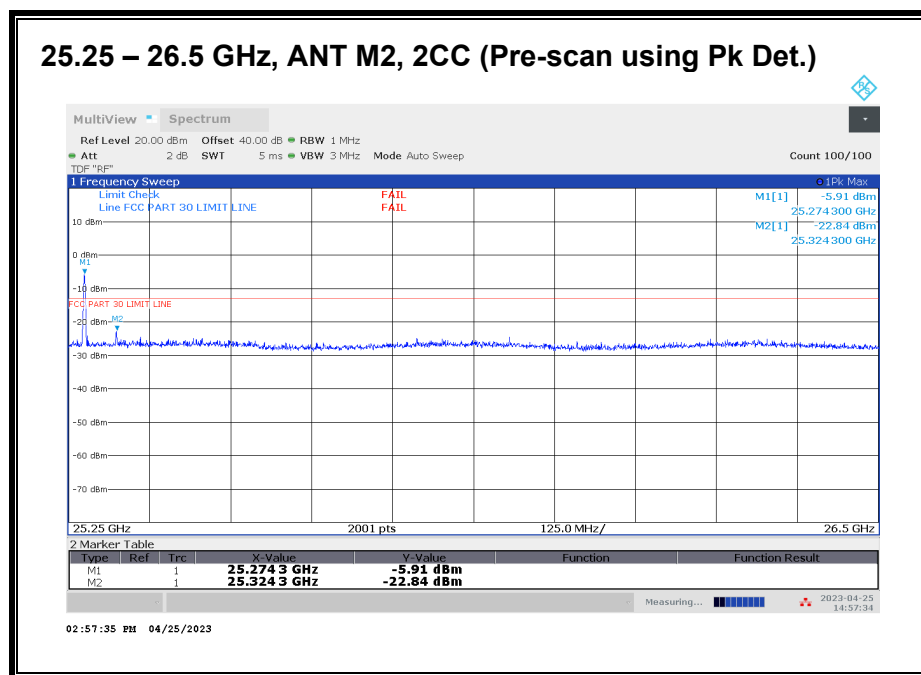


Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

**25.25 - 26.5 GHz n258 SB2, 1CC**

| Antenna | Freq.  | Meas.<br>Distance | Rx Ant.<br>Polarity | Corrected<br>Avg EIRP | TRP Limit | Margin |
|---------|--------|-------------------|---------------------|-----------------------|-----------|--------|
|         | (GHz)  | (m)               | H/V                 | (dBm)                 | (dBm)     | (dB)   |
| M2      | 25.368 | 3.3               | H                   | -23.62                | -13       | -10.62 |
| M2      | 25.368 | 3.3               | V                   | -34.47                | -13       | -21.47 |
| M3      | 25.537 | 3.3               | H                   | -23.55                | -13       | -10.55 |
| M3      | 25.537 | 3.3               | V                   | -33.13                | -13       | -20.13 |

## 25.25 - 26.5 GHz n258 SB2, 2CC



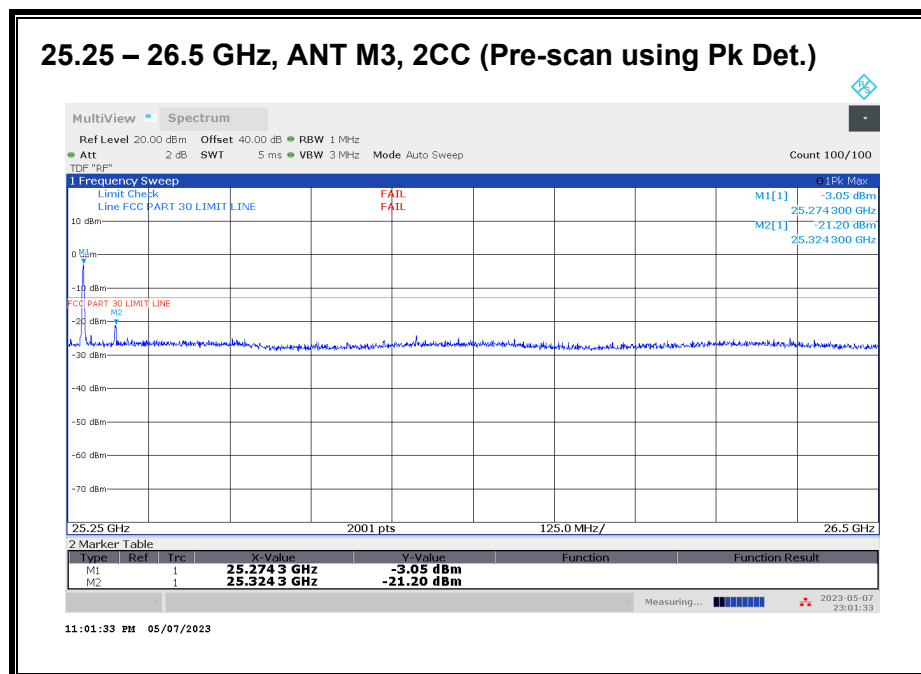
Worst case configuration:

SISO-DUAL\_QPSK\_(50 MHz + 50 MHz)\_High CH\_RB Offset 1/15 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas. Distance | Rx Ant. Polarity | Corrected Avg EIRP | TRP Limit | Margin |
|---------|--------|----------------|------------------|--------------------|-----------|--------|
|         | (GHz)  | (m)            | H/V              | (dBm)              | (dBm)     | (dB)   |
| M2      | 25.274 | 3.3            | --               | -16.73             | -13       | -3.73  |



Worst case configuration:

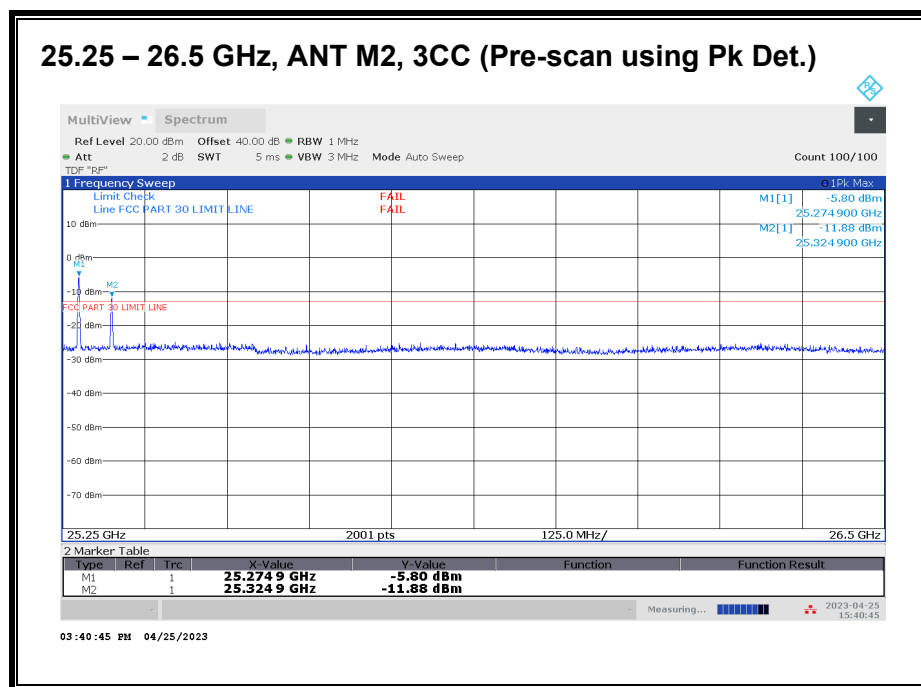
SISO-DUAL\_QPSK\_(50 MHz + 50 MHz)\_High CH\_RB Offset 1/15 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas. Distance | Rx Ant. Polarity | Corrected Avg EIRP | TRP Limit | Margin |
|---------|--------|----------------|------------------|--------------------|-----------|--------|
|         | (GHz)  | (m)            | H/V              | (dBm)              | (dBm)     | (dB)   |
| M3      | 25.274 | 3.3            | --               | -13.53             | -13       | -0.53  |

**25.25 - 26.25 GHz n258 SB2, 3CC**



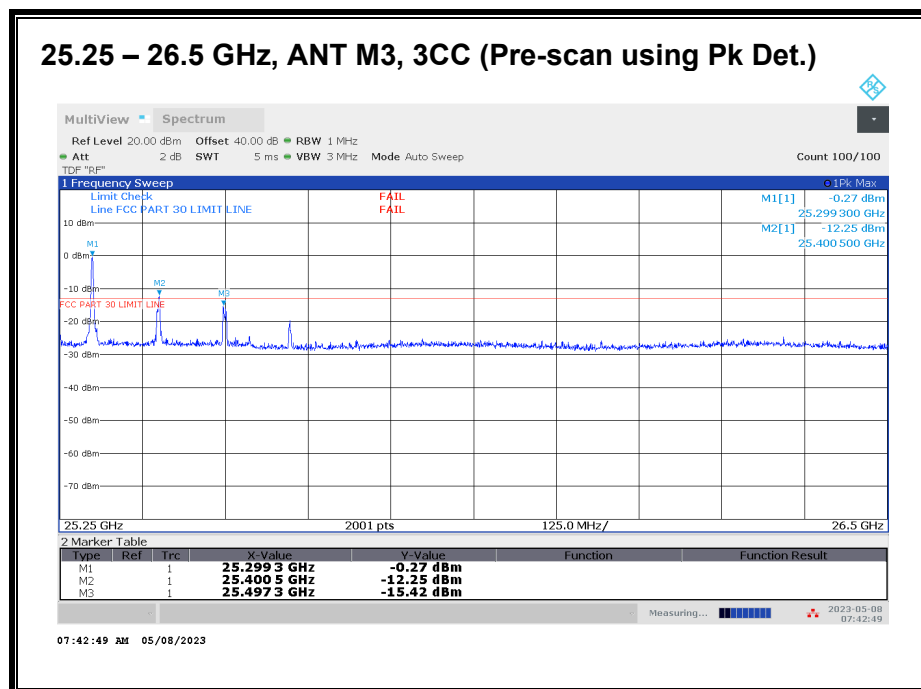
Worst case configuration:

SISO-DUAL\_QPSK\_(50 MHz + 50 MHz + 50 MHz)\_High CH\_RB Offset 1/15 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas. Distance | Rx Ant. Polarity | Corrected Avg EIRP | TRP Limit | Margin |
|---------|--------|----------------|------------------|--------------------|-----------|--------|
|         | (GHz)  | (m)            | H/V              | (dBm)              | (dBm)     | (dB)   |
| M2      | 25.274 | 3.3            | --               | -15.88             | -13       | -2.88  |



Worst case configuration:

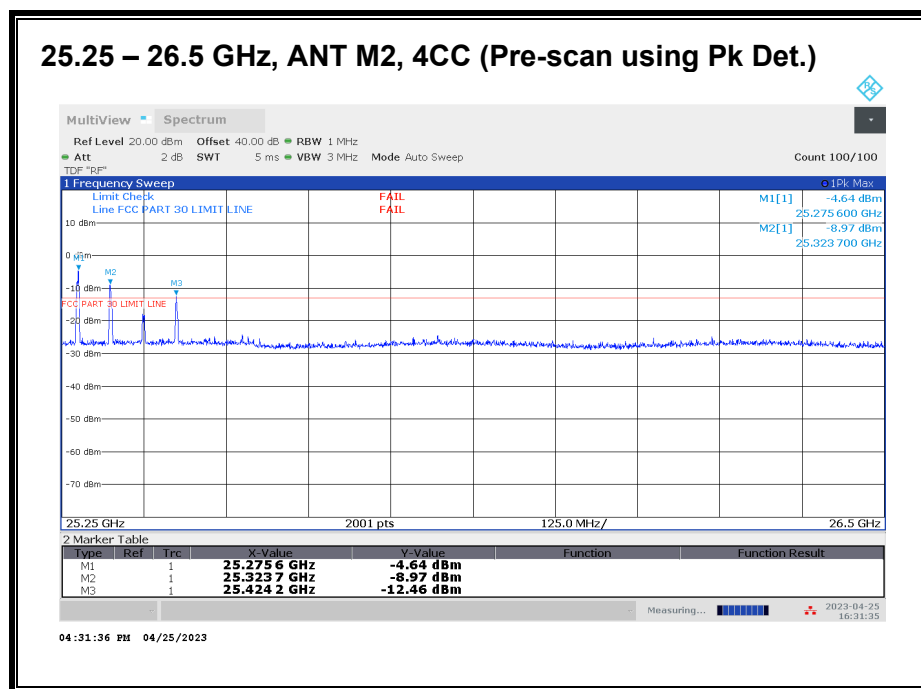
SISO-DUAL\_QPSK\_(100 MHz + 100 MHz + 100 MHz)\_High CH\_RB Offset 1/32 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas.    | Rx Ant.  | Corrected | TRP Limit | Margin |
|---------|--------|----------|----------|-----------|-----------|--------|
|         | (GHz)  | Distance | Polarity | Avg EIRP  | (dBm)     | (dB)   |
|         |        | (m)      | H/V      | (dBm)     |           |        |
| M3      | 25.299 | 3.3      | --       | -13.63    | -13       | -0.63  |

**25.25 - 26.25 GHz n258 SB2, 4CC**



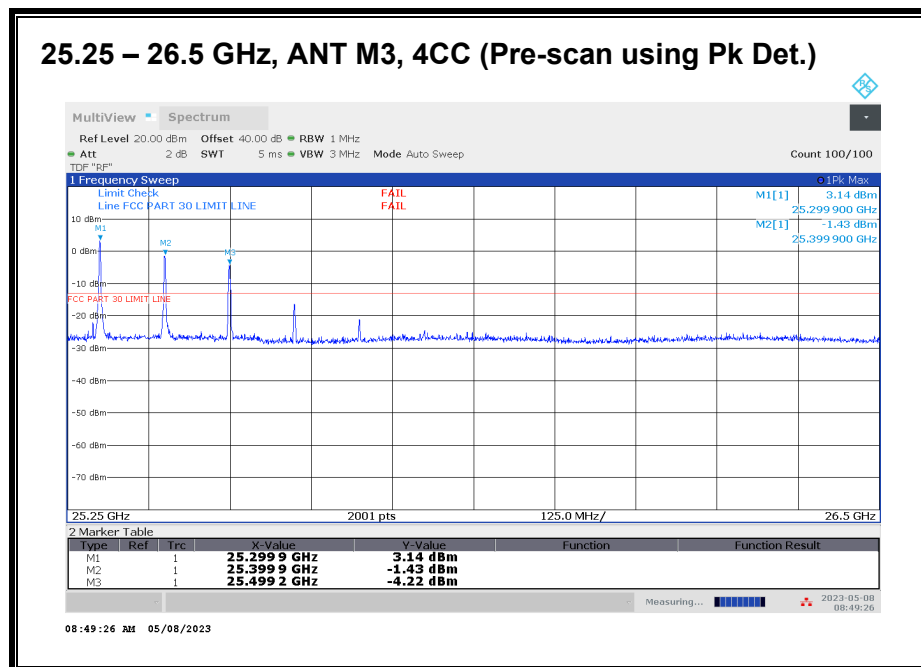
Worst case configuration:

SISO-DUAL\_QPSK\_(50 MHz + 50 MHz + 50 MHz + 50 MHz)\_High CH\_RB Offset 1/15(1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas. Distance | Rx Ant. Polarity | Corrected Avg EIRP | TRP Limit | Margin |
|---------|--------|----------------|------------------|--------------------|-----------|--------|
|         | (GHz)  | (m)            | H/V              | (dBm)              | (dBm)     | (dB)   |
| M2      | 25.274 | 3.3            | --               | -13.80             | -13       | -0.80  |



Worst case configuration:

SISO-DUAL\_QPSK\_(100 MHz + 100 MHz + 100 MHz + 100 MHz)\_High CH\_RB Offset 1/32 (1RB-M)

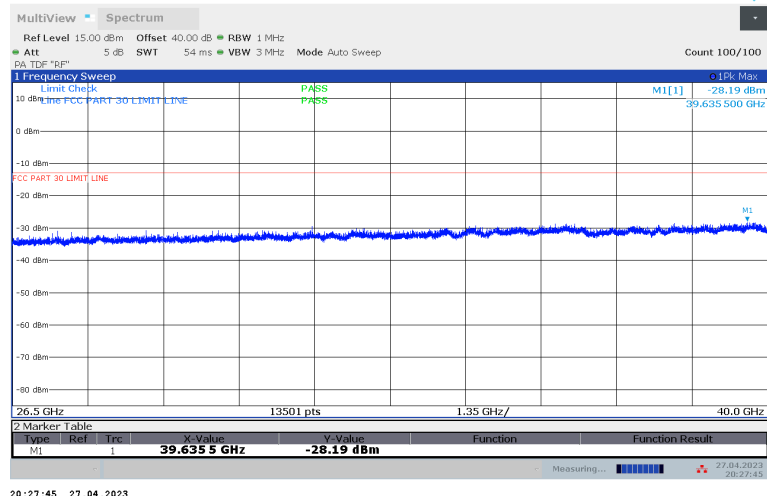
Emissions detected using Peak Detection at pre-scan. Avg EIRP or TRP was measured.

All emissions were investigated and the highest emission was reported.

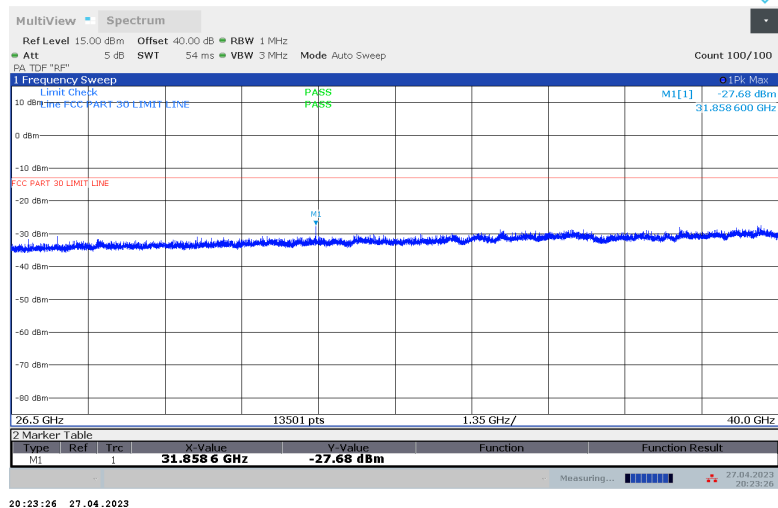
| Antenna | Freq.  | Meas. Distance | Rx Ant. Polarity | TRP    | TRP Limit | Margin |
|---------|--------|----------------|------------------|--------|-----------|--------|
|         | (GHz)  | (m)            | H/V              | (dBm)  | (dBm)     | (dB)   |
| M3      | 25.299 | 3.3            | --               | -21.35 | -13       | -8.35  |

## 8.4.16. RSE n258 SB2 26.5 - 40 GHz

### 26.5 - 40 GHz, ANT M2 (Pre-scan using Pk Det.) Horizontal

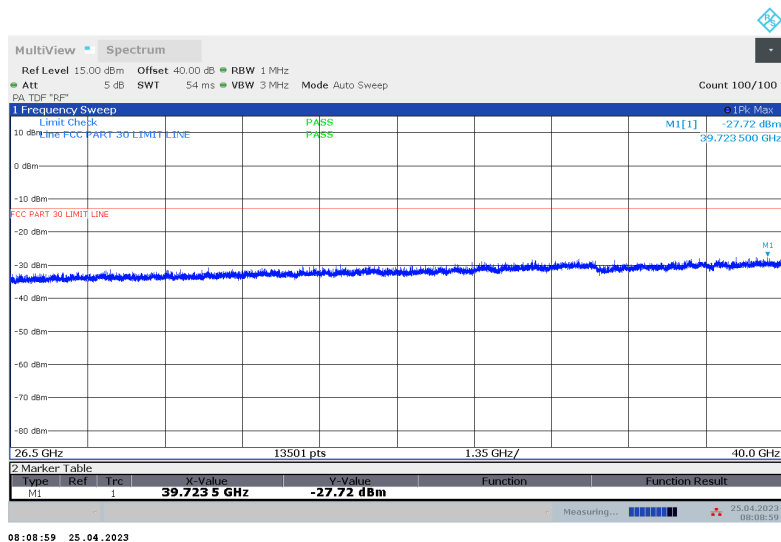


### 26.5 - 40 GHz, ANT M2 (Pre-scan using Pk Det.) Vertical

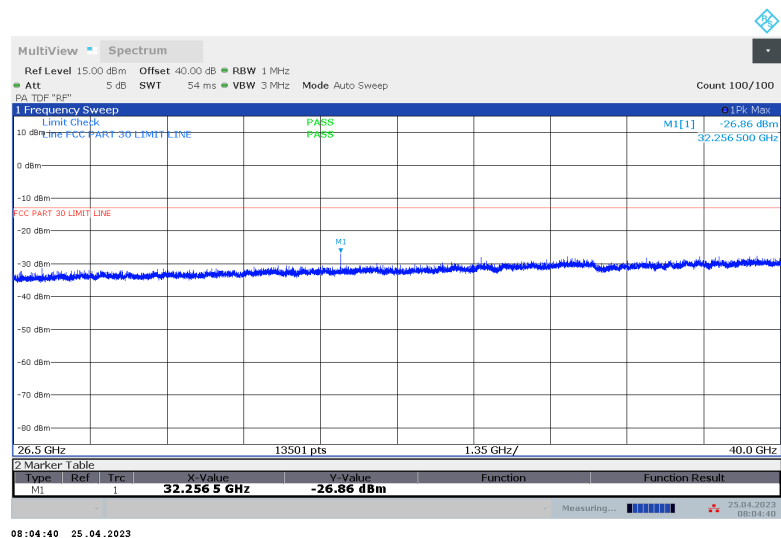


Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

## 26.5 - 40 GHz, ANT M3 (Pre-scan using Pk Det.) Horizontal



## 26.5 - 40 GHz, ANT M3 (Pre-scan using Pk Det.) Vertical



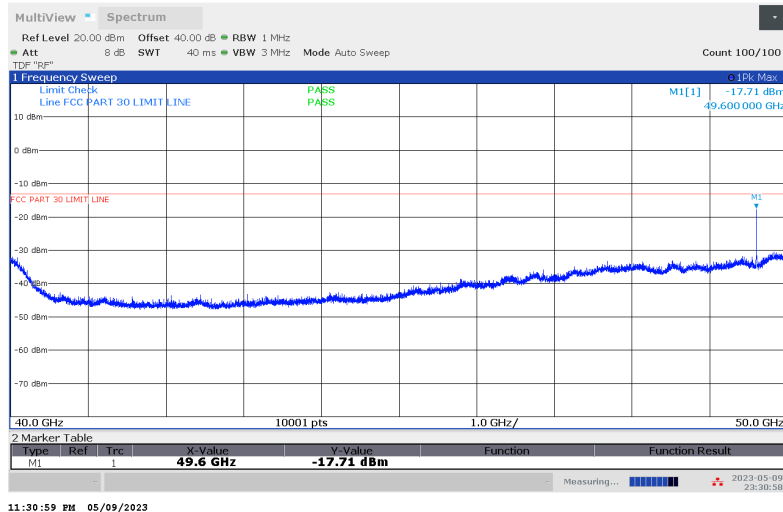
Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

**26.5 - 40 GHz n258 SB2, 1CC**

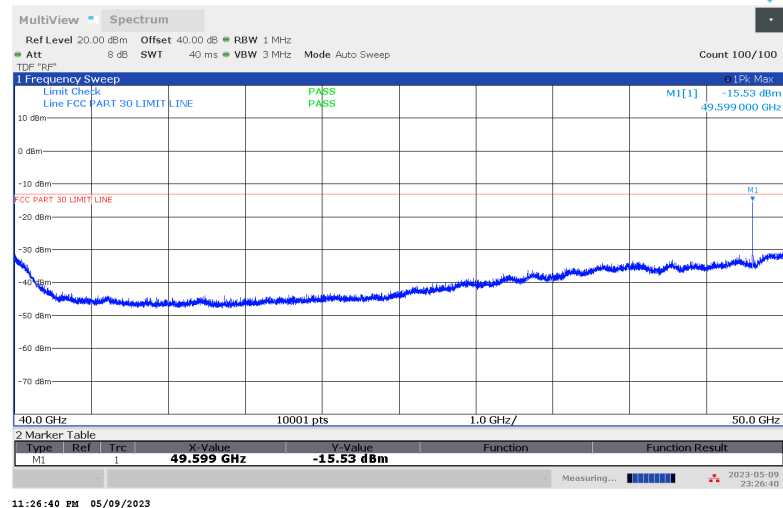
| Antenna | Freq.  | Meas.<br>Distance | Rx Ant.<br>Polarity | Corrected<br>Avg EIRP | TRP Limit | Margin |
|---------|--------|-------------------|---------------------|-----------------------|-----------|--------|
|         | (GHz)  | (m)               | H/V                 | (dBm)                 | (dBm)     | (dB)   |
| M2      | 31.858 | 3                 | H                   | -38.61                | -13       | -25.61 |
| M2      | 31.858 | 3                 | V                   | -31.48                | -13       | -18.48 |
| M3      | 32.256 | 3                 | H                   | -43.87                | -13       | -30.87 |
| M3      | 32.256 | 3                 | V                   | -27.89                | -13       | -14.89 |

### 8.4.17. RSE n258 SB2 40 - 50 GHz

#### 40 – 50 GHz, ANT M2 (Pre-scan using Pk Det.) Horizontal

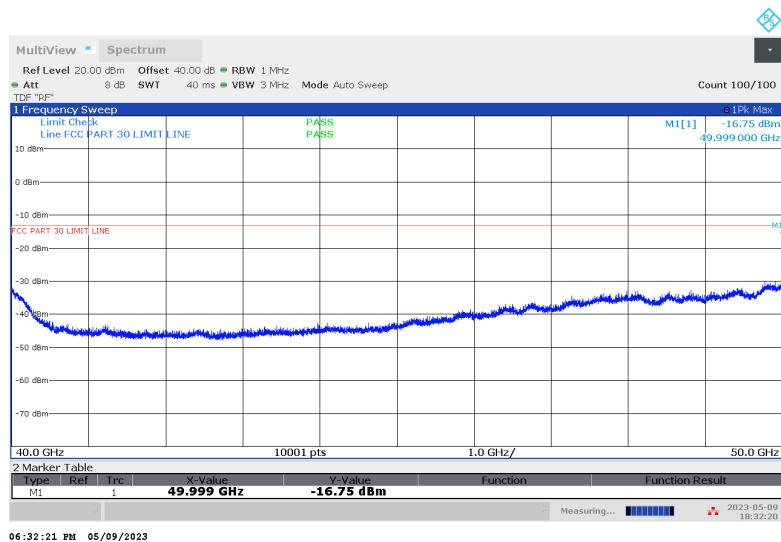


#### 40 – 50 GHz, ANT M2 (Pre-scan using Pk Det.) Vertical

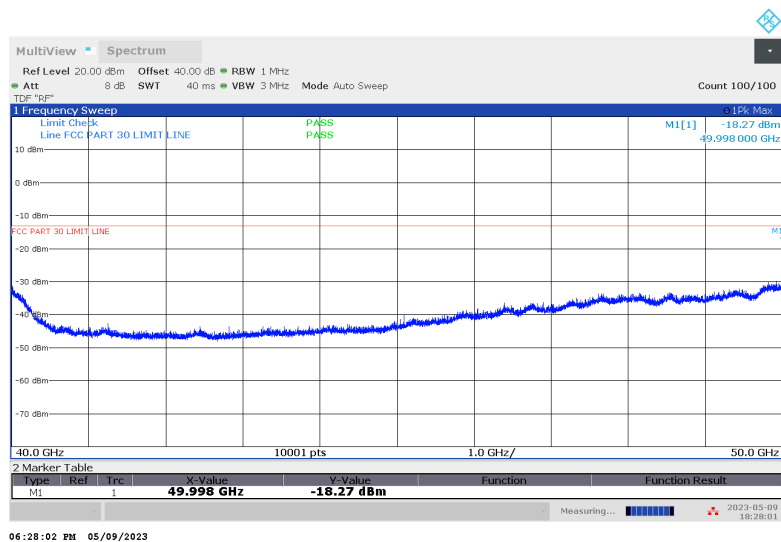


Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

### 40 – 50 GHz, ANT M3 (Pre-scan using Pk Det.) Horizontal



### 40 – 50 GHz, ANT M3 (Pre-scan using Pk Det.) Vertical



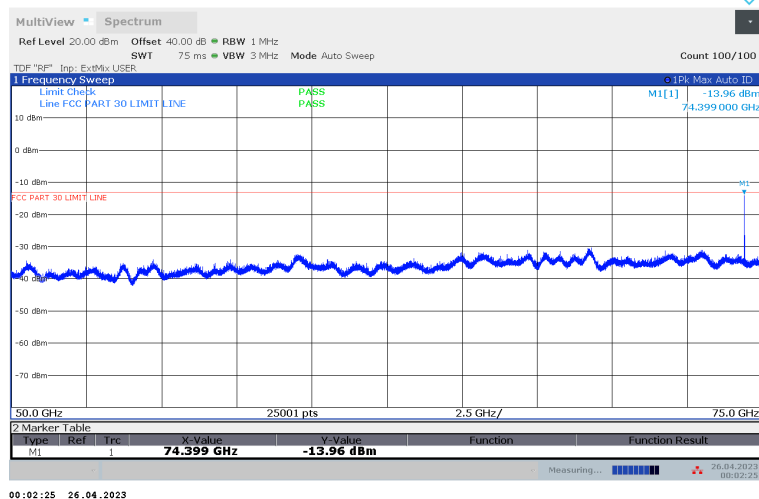
Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

**40 – 50 GHz n258 SB2, 1CC**

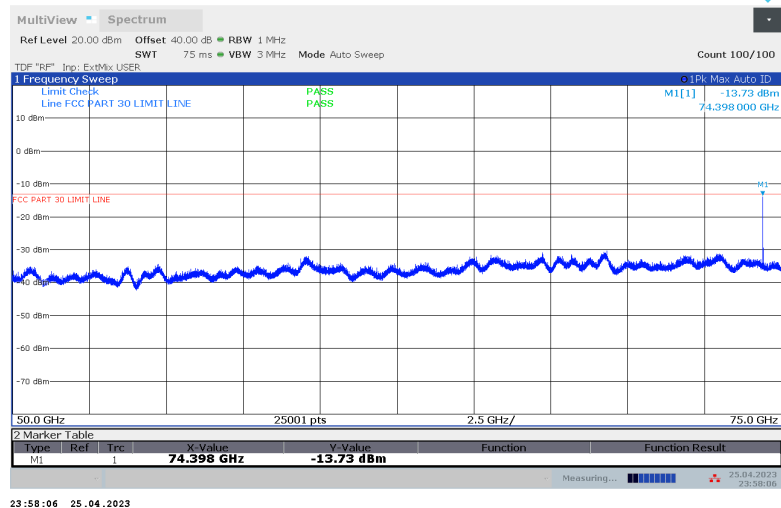
| Antenna | Freq.  | Meas.<br>Distance | Rx Ant.<br>Polarity | Corrected<br>Avg EIRP | TRP Limit | Margin |
|---------|--------|-------------------|---------------------|-----------------------|-----------|--------|
|         | (GHz)  | (m)               | H/V                 | (dBm)                 | (dBm)     | (dB)   |
| M2      | 49.599 | 3                 | H                   | -33.30                | -13       | -20.30 |
| M2      | 49.599 | 3                 | V                   | -15.32                | -13       | -2.32  |
| M3      | 49.999 | 3                 | H                   | -24.45                | -13       | -11.45 |
| M3      | 49.999 | 3                 | V                   | -27.33                | -13       | -14.33 |

## 8.4.18. RSE n258 SB2 50 - 75 GHz

### 50 - 75 GHz, ANT M2 (Pre-scan using Pk Det.) Horizontal

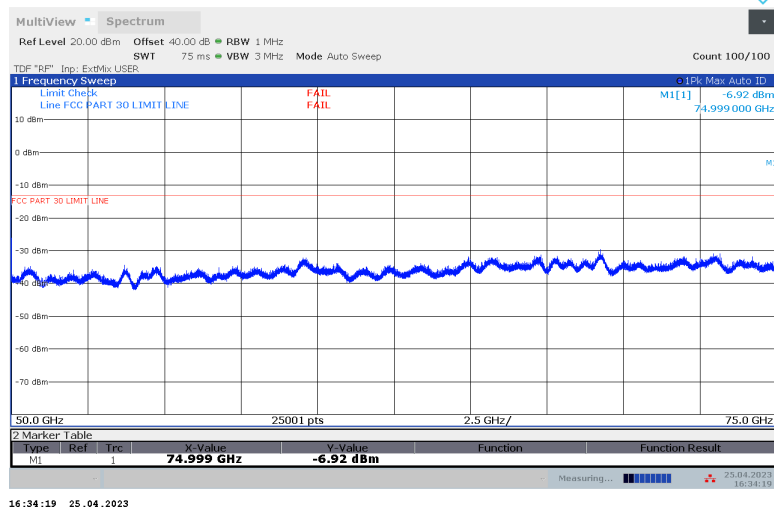


### 50 - 75 GHz, ANT M2 (Pre-scan using Pk Det.) Vertical

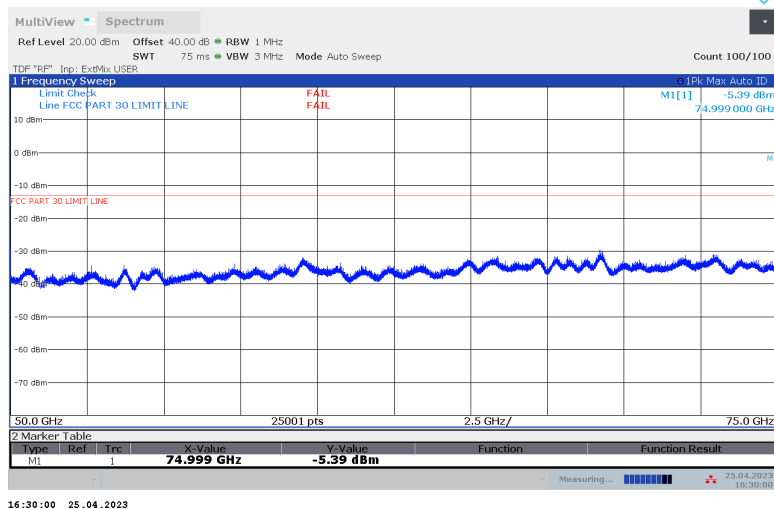


Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

### 50 - 75 GHz, ANT M3 (Pre-scan using Pk Det.) Horizontal



### 50 - 75 GHz, ANT M3 (Pre-scan using Pk Det.) Vertical



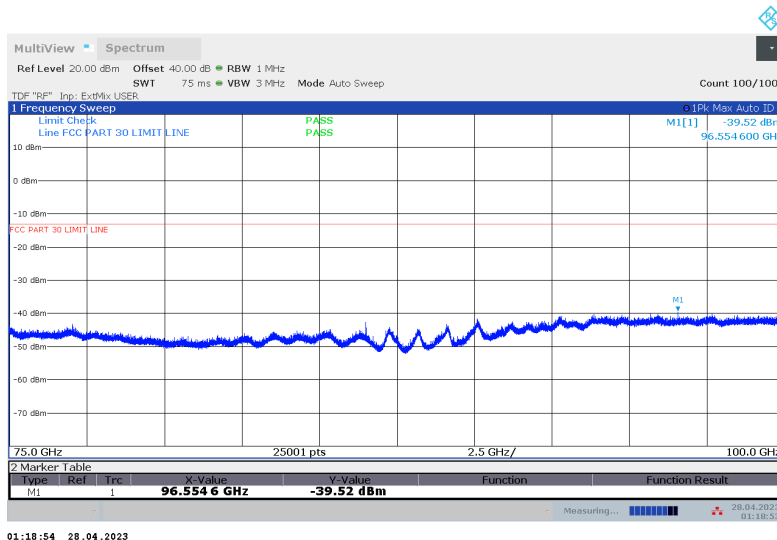
Emissions detected using Peak Detection at pre-scan. Avg EIRP or TRP was measured.

**50 - 75 GHz n258 SB2**

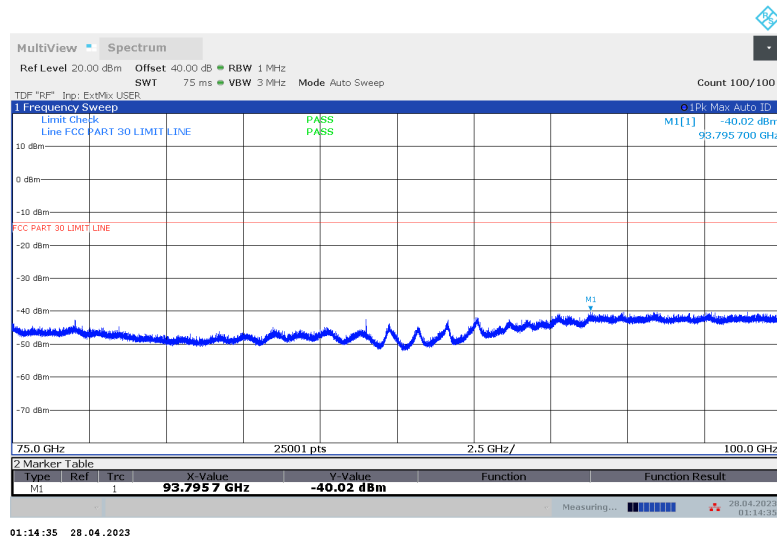
| Antenna | Freq.  | Meas.<br>Distance | Rx Ant.<br>Polarity | Corrected<br>Avg EIRP | TRP    | TRP Limit | Margin |
|---------|--------|-------------------|---------------------|-----------------------|--------|-----------|--------|
|         | (GHz)  | (m)               | H/V                 | (dBm)                 | (dBm)  | (dBm)     | (dB)   |
| M2      | 74.398 | 1.5               | H                   | -32.56                | --     | -13       | -19.56 |
| M2      | 74.398 | 1.5               | V                   | -19.79                | --     | -13       | -6.79  |
| M3      | 74.998 | 1.5               | --                  | --                    | -20.95 | -13       | -7.95  |

## 8.4.19. RSE n258 SB2 75 - 100 GHz

### 75 - 100 GHz, ANT M2 (Pre-scan using Pk Det.) Horizontal

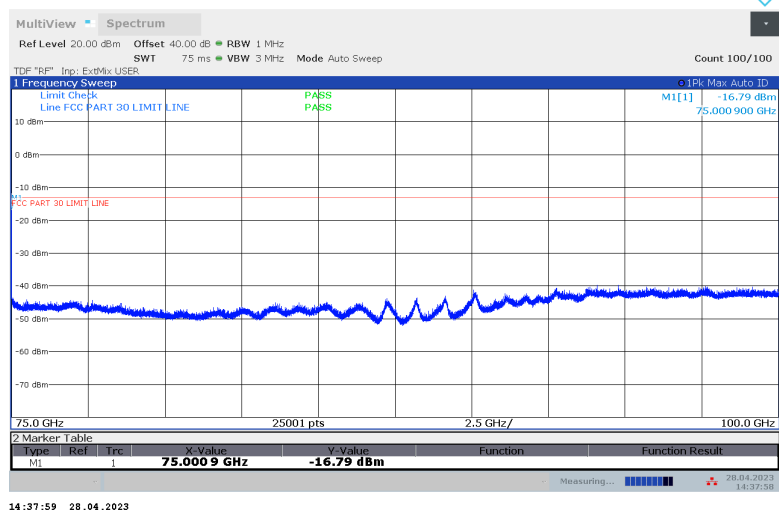


### 75 - 100 GHz, ANT M2 (Pre-scan using Pk Det.) Vertical

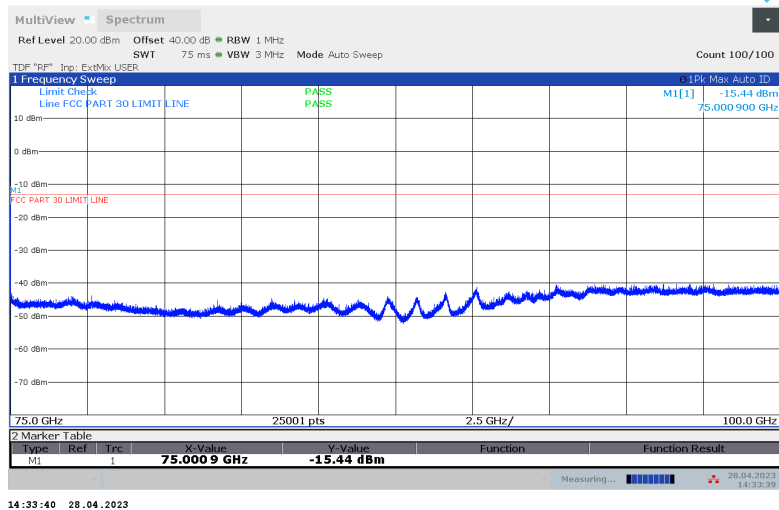


No emission detected using Peak Detection.

### 75 - 100 GHz, ANT M3 (Pre-scan using Pk Det.) Horizontal



### 75 - 100 GHz, ANT M3 (Pre-scan using Pk Det.) Vertical

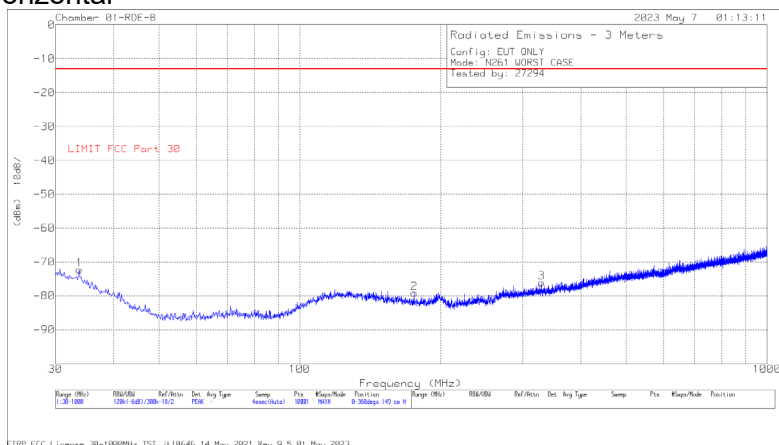


No emission detected using Peak Detection.

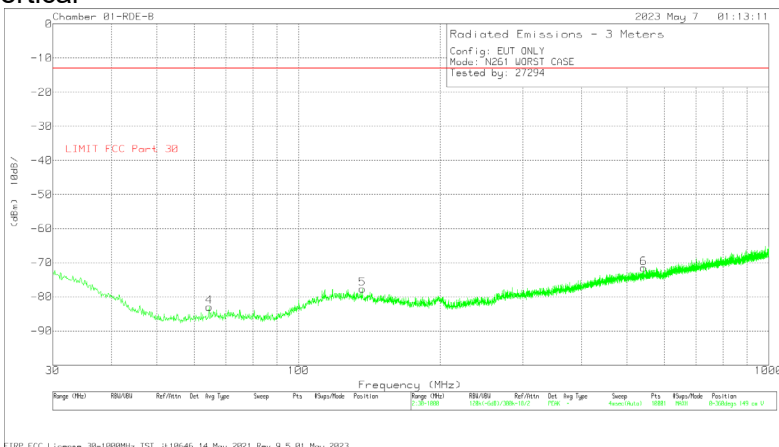
## 8.4.20. RSE n261 30 – 1000 MHz

### 30 – 1000 MHz, ANT M2 (Pre-scan using Pk Det.)

#### Horizontal



#### Vertical

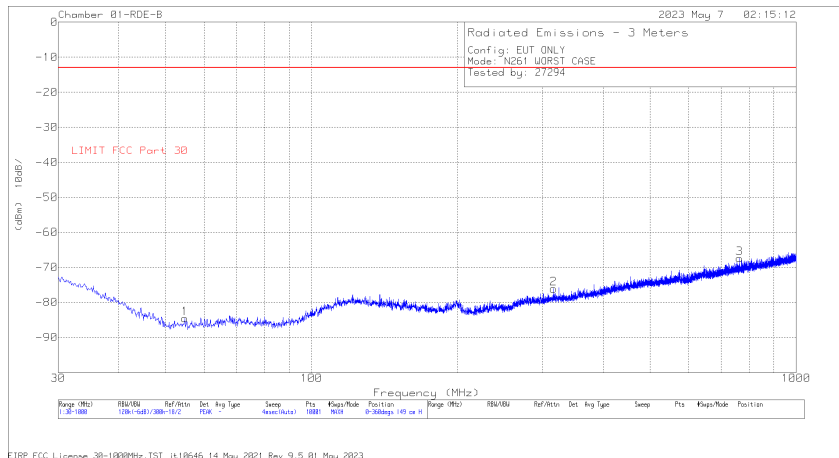


### Trace Markers

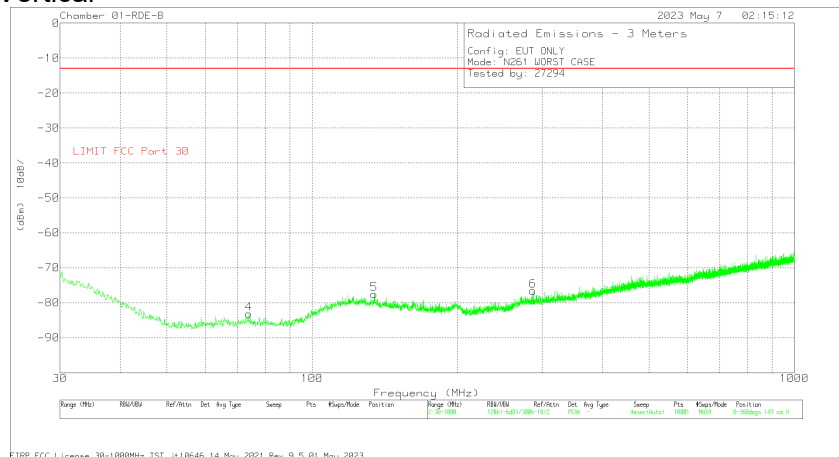
| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 173997 ACF (dB/m) | Cbl/Amp (dB) | Unit Conversion (dB) | Corrected Reading (dBm) | FCC Part 30 TRP Limit (dBm) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|-------------------|--------------|----------------------|-------------------------|-----------------------------|-------------|----------------|-------------|----------|
| 1      | 33.783          | -77.12              | Pk  | 24.4              | -31.2        | 11.7                 | -72.22                  | -13                         | -59.22      | 0-360          | 149         | H        |
| 4      | 64.532          | -77.57              | Pk  | 13.8              | -30.9        | 11.7                 | -82.97                  | -13                         | -69.97      | 0-360          | 149         | V        |
| 5      | 136.7           | -78.16              | Pk  | 19.2              | -30.4        | 11.7                 | -77.66                  | -13                         | -64.66      | 0-360          | 149         | V        |
| 2      | 175.84          | -77.93              | Pk  | 17.2              | -30.1        | 11.7                 | -79.13                  | -13                         | -66.13      | 0-360          | 149         | H        |
| 3      | 329.051         | -78.26              | Pk  | 19.9              | -29.4        | 11.7                 | -76.06                  | -13                         | -63.06      | 0-360          | 149         | H        |
| 6      | 541.384         | -78.43              | Pk  | 24                | -28.8        | 11.7                 | -71.53                  | -13                         | -58.53      | 0-360          | 149         | V        |

Pk - Peak detector

### 30 – 1000 MHz, ANT M3 (Pre-scan using Pk Det.) Horizontal



### Vertical



### Trace Markers

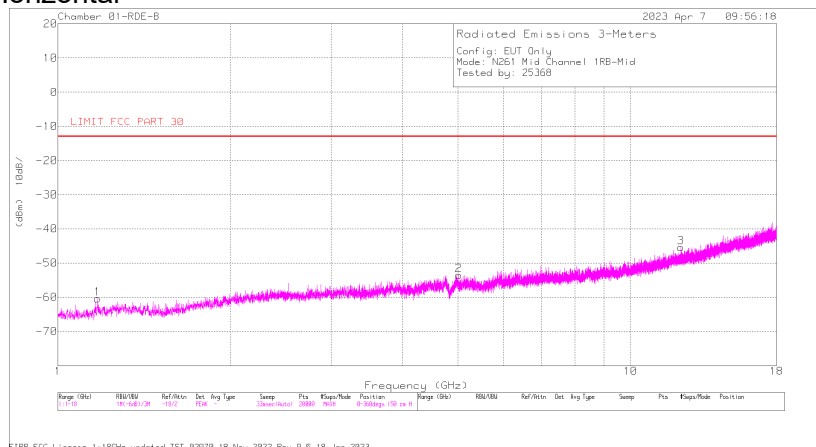
| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 173997 ACF (dB/m) | Cbl/Amp (dB) | Unit Conversion (dB) | Corrected Reading (dBm) | FCC Part 30 TRP Limit (dBm) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|-------------------|--------------|----------------------|-------------------------|-----------------------------|-------------|----------------|-------------|----------|
| 1      | 54.735          | -78.4               | Pk  | 13.1              | -30.9        | 11.7                 | -84.5                   | -13                         | -71.5       | 0-360          | 149         | H        |
| 4      | 73.941          | -77.95              | Pk  | 14                | -30.9        | 11.7                 | -83.15                  | -13                         | -70.15      | 0-360          | 149         | V        |
| 5      | 134.566         | -78.08              | Pk  | 19.2              | -30.3        | 11.7                 | -77.48                  | -13                         | -64.48      | 0-360          | 149         | V        |
| 6      | 287.244         | -77.89              | Pk  | 19.2              | -29.6        | 11.7                 | -76.59                  | -13                         | -63.59      | 0-360          | 149         | V        |
| 2      | 315.665         | -78.19              | Pk  | 19.8              | -29.4        | 11.7                 | -76.09                  | -13                         | -63.09      | 0-360          | 149         | H        |
| 3      | 764.193         | -77.97              | Pk  | 26.7              | -27.8        | 11.7                 | -67.37                  | -13                         | -54.37      | 0-360          | 149         | H        |

Pk - Peak detector

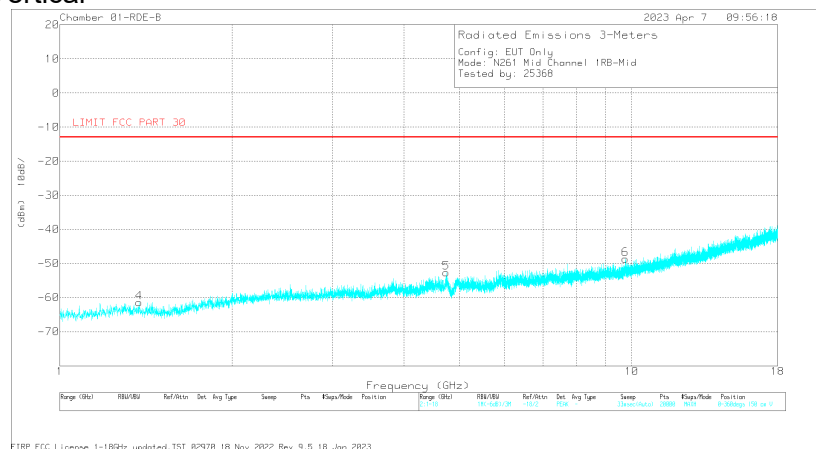
## 8.4.21. RSE n261 1 - 18 GHz

### 1 – 18 GHz, ANT M2 (Pre-scan using Pk Det.)

#### Horizontal



#### Vertical

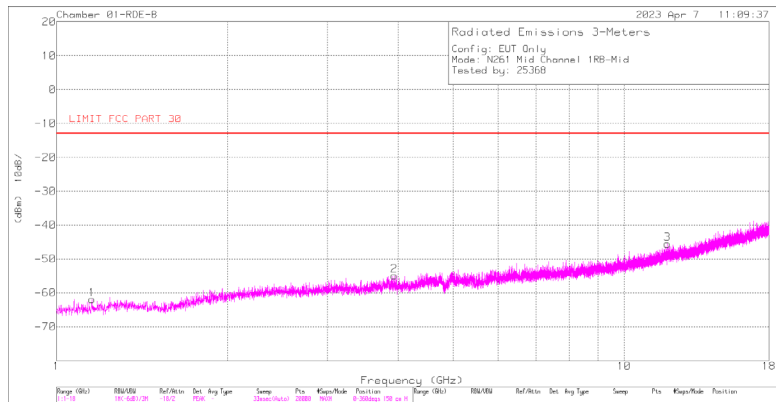


### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 200786 ACF (dB) | Unit Conversion (dB) | Gain/Loss (dB) | Corrected Reading (dBm) | FCC Part 30 TRP Limit (dBm) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|-----------------|----------------------|----------------|-------------------------|-----------------------------|-------------|----------------|-------------|----------|
| 1      | 1.173409        | -64.9               | Pk  | 27.9            | 11.7                 | -35.08         | -60.38                  | -13                         | -47.38      | 0-360          | 150         | H        |
| 4      | 1.375719        | -66.41              | Pk  | 28.4            | 11.7                 | -35.14         | -61.45                  | -13                         | -48.45      | 0-360          | 150         | V        |
| 5      | 4.742739        | -68.23              | Pk  | 34.2            | 11.7                 | -30.37         | -52.7                   | -13                         | -39.7       | 0-360          | 150         | V        |
| 2      | 5.015603        | -69.01              | Pk  | 34.5            | 11.7                 | -30.73         | -53.54                  | -13                         | -40.54      | 0-360          | 150         | H        |
| 6      | 9.744392        | -72.66              | Pk  | 36.9            | 11.7                 | -24.6          | -48.66                  | -13                         | -35.66      | 0-360          | 150         | V        |
| 3      | 12.241819       | -74.24              | Pk  | 38.9            | 11.7                 | -21.75         | -45.39                  | -13                         | -32.39      | 0-360          | 150         | H        |

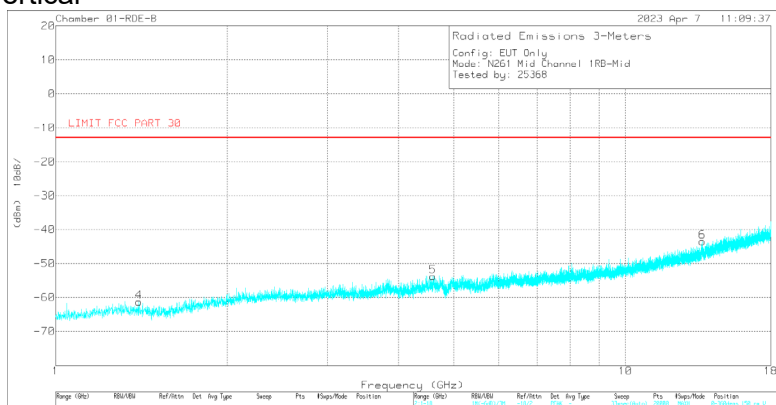
Pk - Peak detector

## 1 – 18 GHz, ANT M3 (Pre-scan using Pk Det.) Horizontal



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## Vertical



ETRP FCC License 1-18GHz\_updated.TST 02970 18 Nov 2022 Rev 9.5 18 Jun 2023

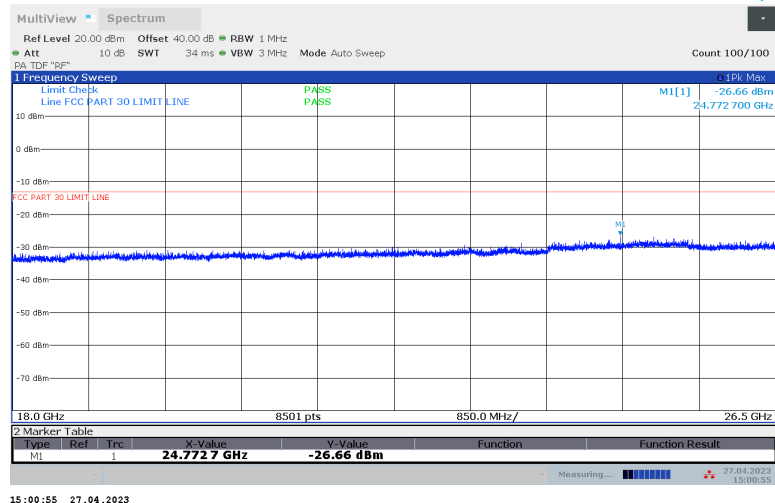
## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 200786 ACF (dB) | Unit Conversion (dB) | Gain/Loss (dB) | Corrected Reading (dBm) | FCC Part 30 TRP Limit (dBm) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|-----------------|----------------------|----------------|-------------------------|-----------------------------|-------------|----------------|-------------|----------|
| 1      | 1.154708        | -66.09              | Pk  | 27.6            | 11.7                 | -35.12         | -61.91                  | -13                         | -48.91      | 0-360          | 150         | H        |
| 4      | 1.40037         | -65.96              | Pk  | 28.2            | 11.7                 | -35.19         | -61.25                  | -13                         | -48.25      | 0-360          | 150         | V        |
| 2      | 3.933498        | -67.88              | Pk  | 33.4            | 11.7                 | -32.11         | -54.89                  | -13                         | -41.89      | 0-360          | 150         | H        |
| 5      | 4.595682        | -69.41              | Pk  | 34.3            | 11.7                 | -30.38         | -53.79                  | -13                         | -40.79      | 0-360          | 150         | V        |
| 3      | 11.910302       | -73.91              | Pk  | 38.6            | 11.7                 | -21.97         | -45.58                  | -13                         | -32.58      | 0-360          | 150         | H        |
| 6      | 13.64949        | -73.89              | Pk  | 39              | 11.7                 | -20.33         | -43.52                  | -13                         | -30.52      | 0-360          | 150         | V        |

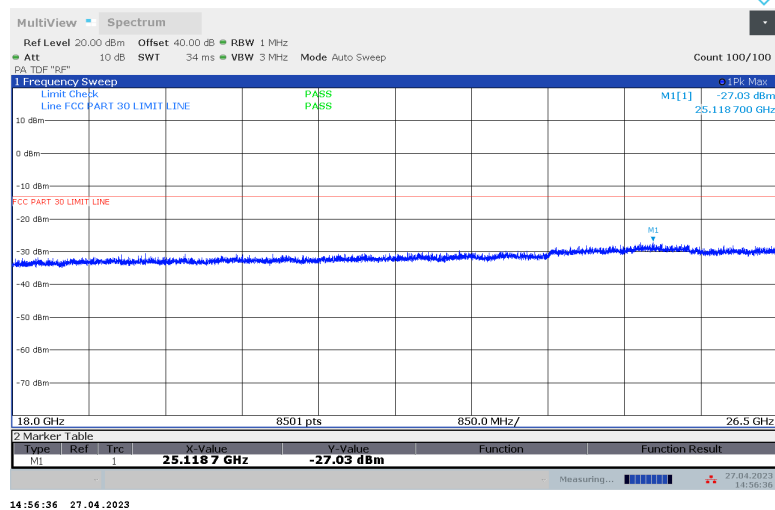
Pk - Peak detector

## 8.4.22. RSE n261 18 - 26.5 GHz

### 18 - 26.5 GHz, ANT M2 (Pre-scan using Pk Det.) Horizontal

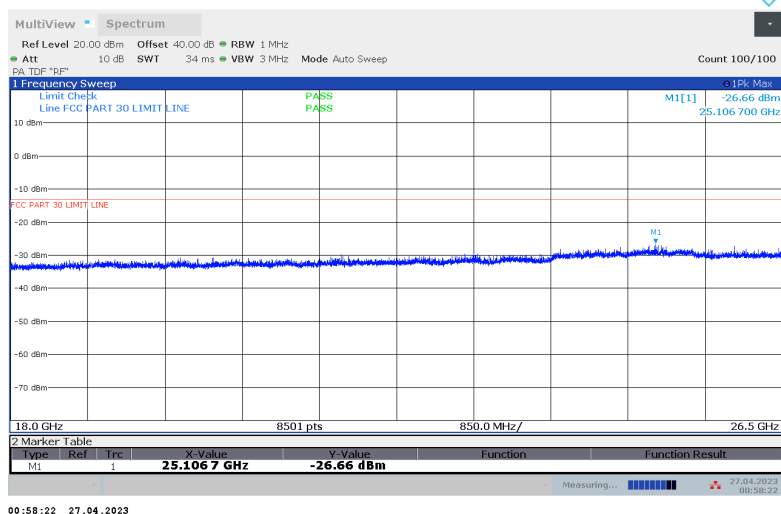


### 18 - 26.5 GHz, ANT M2 (Pre-scan using Pk Det.) Vertical

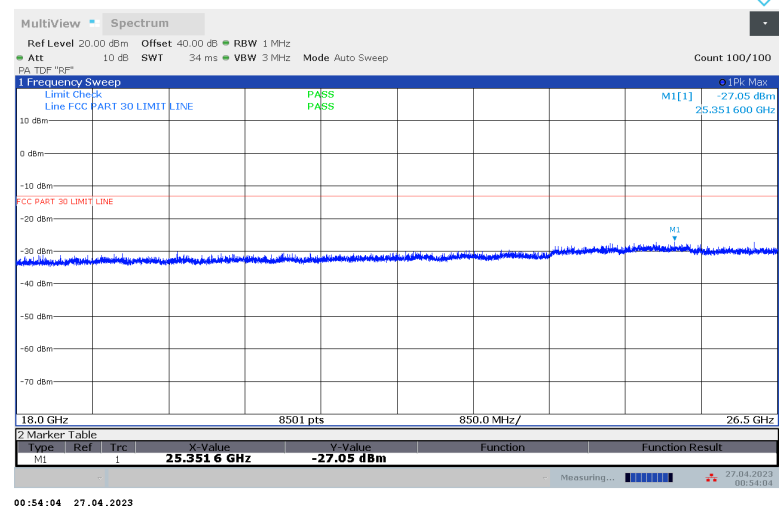


No emission detected using Peak Detection.

### 18 - 26.5 GHz, ANT M3 (Pre-scan using Pk Det.) Horizontal



### 18 - 26.5 GHz, ANT M3 (Pre-scan using Pk Det.) Vertical

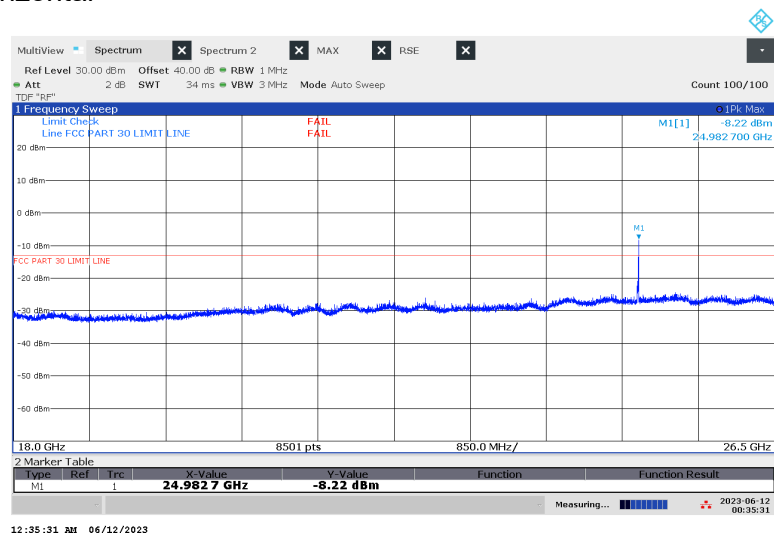


No emission detected using Peak Detection.

Simultaneous Transmission: 5.8 GHz Wifi + n261 Band

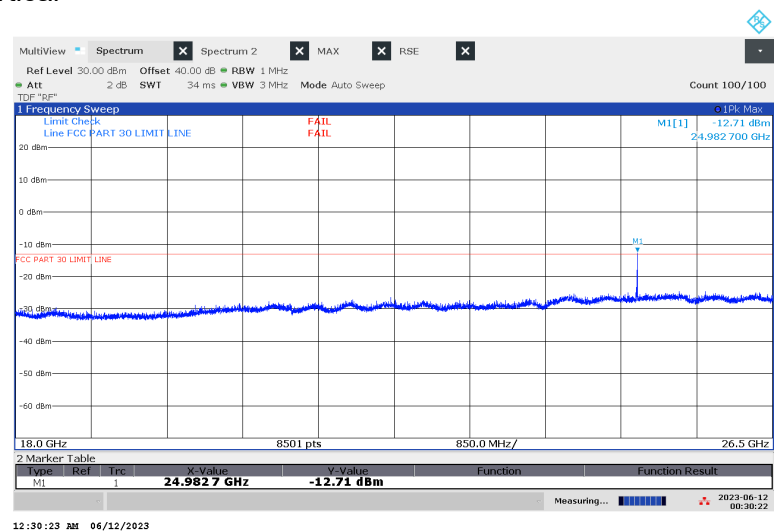
**18 - 26.5 GHz, ANT M3 (Pre-scan using Pk Det.)**

Horizontal



**18 - 26.5 GHz, ANT M3 (Pre-scan using Pk Det.)**

Vertical



Emissions detected using Peak Detection at pre-scan. Avg EIRP or TRP was measured.

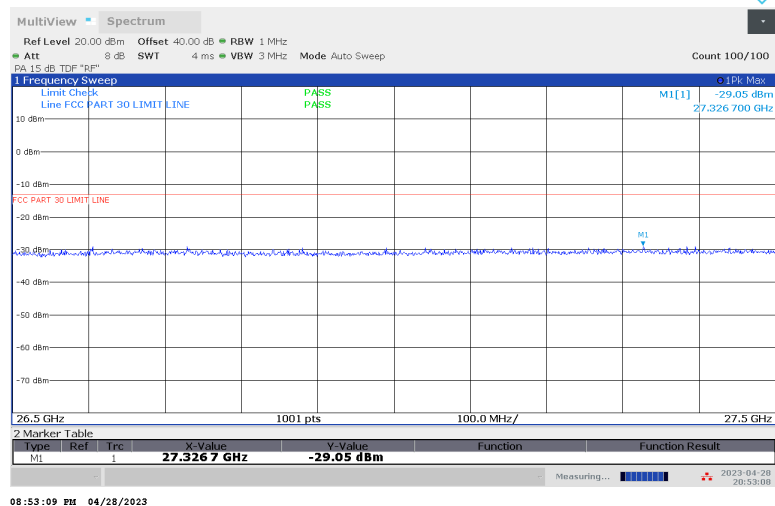
**18 - 26.5 GHz, 5.8 GHz Wifi + n261**

| Antenna | Freq.  | Meas.<br>Distance | Rx Ant.<br>Polarity | TRP    | TRP Limit | Margin |
|---------|--------|-------------------|---------------------|--------|-----------|--------|
|         | (GHz)  | (m)               | H/V                 | (dBm)  | (dBm)     | (dB)   |
| M3      | 24.982 | 3.3               | --                  | -22.01 | -13       | -9.01  |

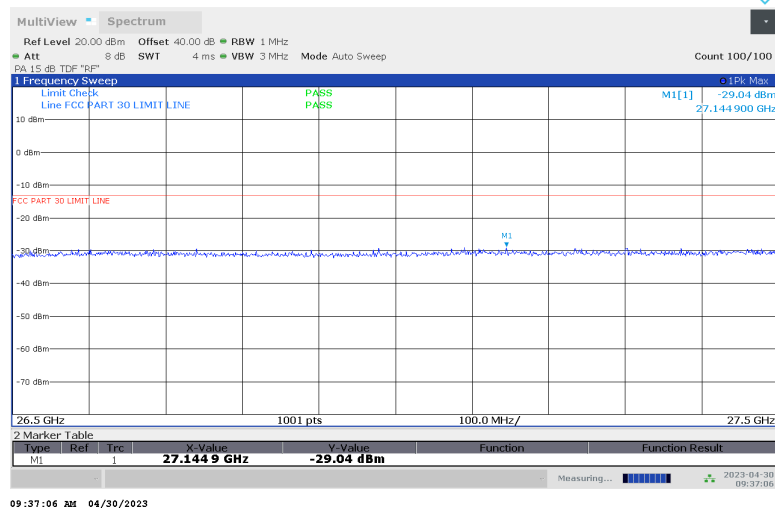
### 8.4.23. RSE n261 26.5 - 27.5 GHz

Note: 27.5 - 28.35 GHz covered by Fundamental and BE measurements.

#### 26.5 - 27.5 GHz, ANT M2, 1CC (Pre-scan using Pk Det.) Horizontal

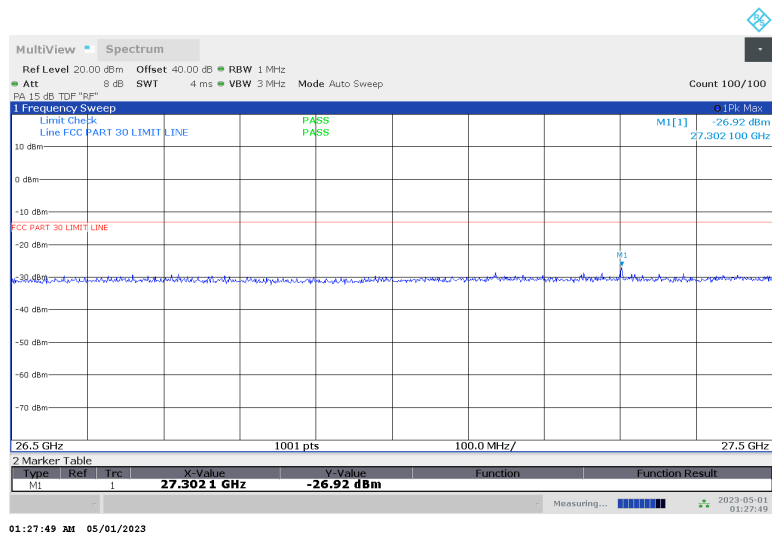


#### 26.5 - 27.5 GHz, ANT M2, 1CC (Pre-scan using Pk Det.) Vertical

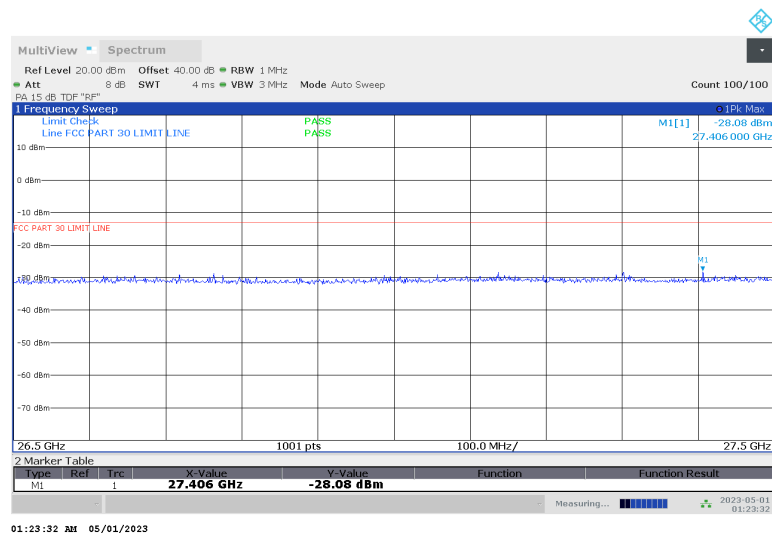


No emission detected using Peak Detection.

## 26.5 - 27.5 GHz, ANT M3, 1CC (Pre-scan using Pk Det.) Horizontal



## 26.5 - 27.5 GHz, ANT M3, 1CC (Pre-scan using Pk Det.) Vertical

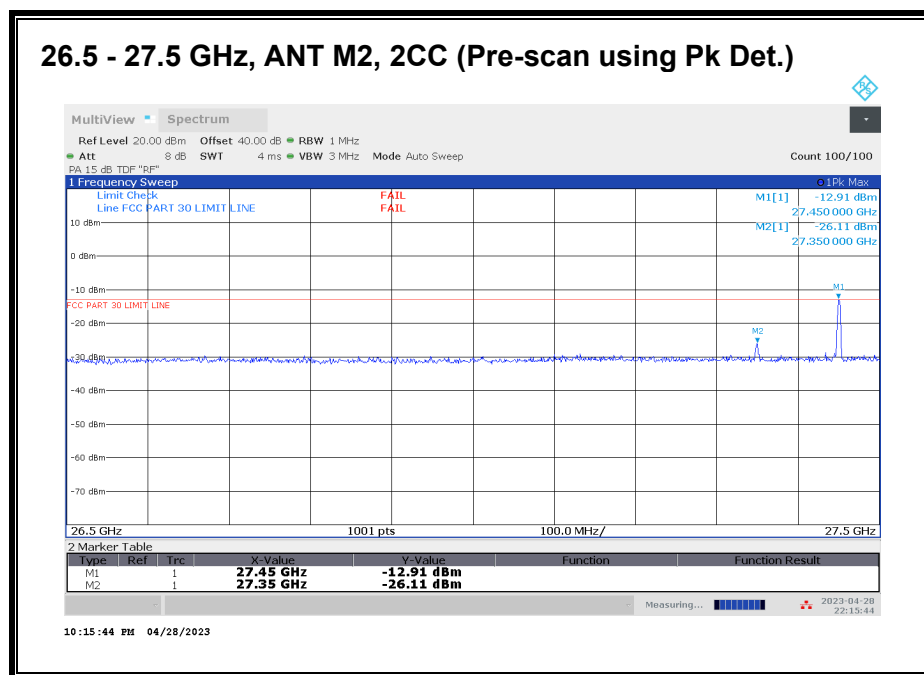


Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

**26.5 - 27.5 GHz n261, 1CC**

| Antenna | Freq.  | Meas.<br>Distance | Rx Ant.<br>Polarity | Corrected<br>Avg EIRP | TRP Limit | Margin |
|---------|--------|-------------------|---------------------|-----------------------|-----------|--------|
|         | (GHz)  | (m)               | H/V                 | (dBm)                 | (dBm)     | (dB)   |
| M3      | 27.302 | 3                 | H                   | -34.59                | -13       | -21.59 |
| M3      | 27.302 | 3                 | V                   | -38.76                | -13       | -25.76 |
| M3      | 27.406 | 3                 | H                   | -41.99                | -13       | -28.99 |
| M3      | 27.406 | 3                 | V                   | -42.04                | -13       | -29.04 |

## 26.5 – 27.5 GHz n261, 2CC



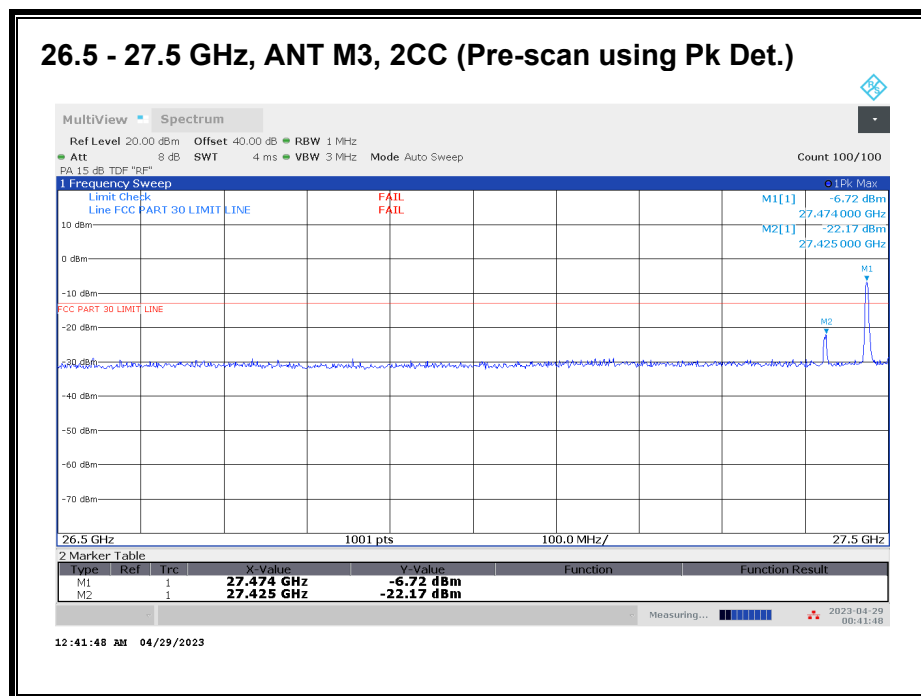
Worst case configuration:

SISO-DUAL\_QPSK\_(100 MHz + 100 MHz)\_Low CH\_RB Offset 1/15 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas. Distance | Rx Ant. Polarity | Corrected Avg EIRP | TRP Limit | Margin |
|---------|--------|----------------|------------------|--------------------|-----------|--------|
|         | (GHz)  | (m)            | H/V              | (dBm)              | (dBm)     | (dB)   |
| M2      | 27.449 | 3              | --               | -19.44             | -13       | -6.44  |



Worst case configuration:

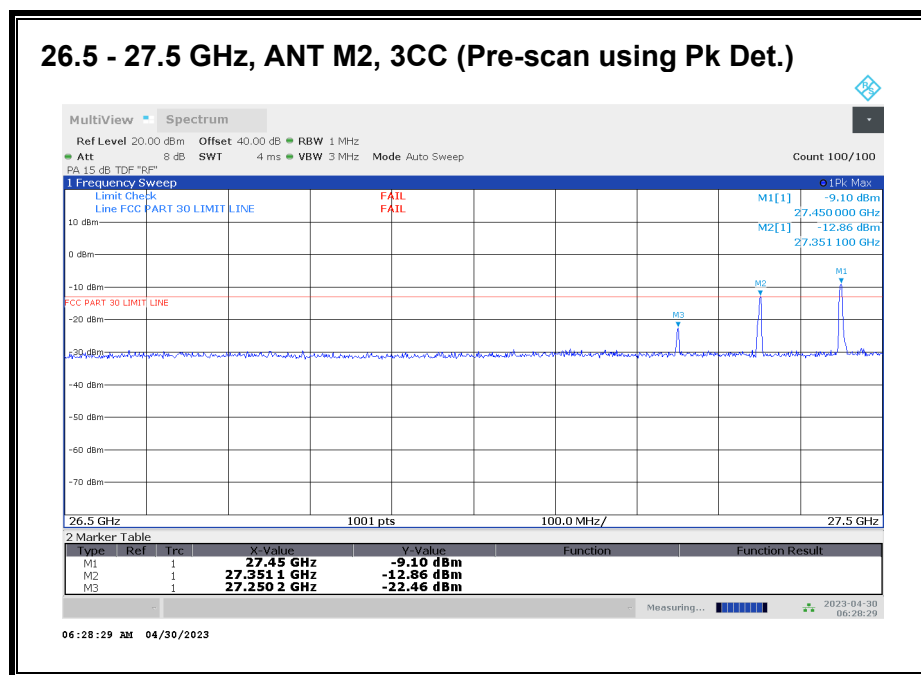
SISO-DUAL\_QPSK\_(50 MHz + 50 MHz)\_Low CH\_RB Offset 1/15 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas. Distance | Rx Ant. Polarity | Corrected Avg EIRP | TRP Limit | Margin |
|---------|--------|----------------|------------------|--------------------|-----------|--------|
|         | (GHz)  | (m)            | H/V              | (dBm)              | (dBm)     | (dB)   |
| M3      | 27.474 | 3              | --               | -14.09             | -13       | -1.09  |

## 26.5 – 27.5 GHz n261, 3CC



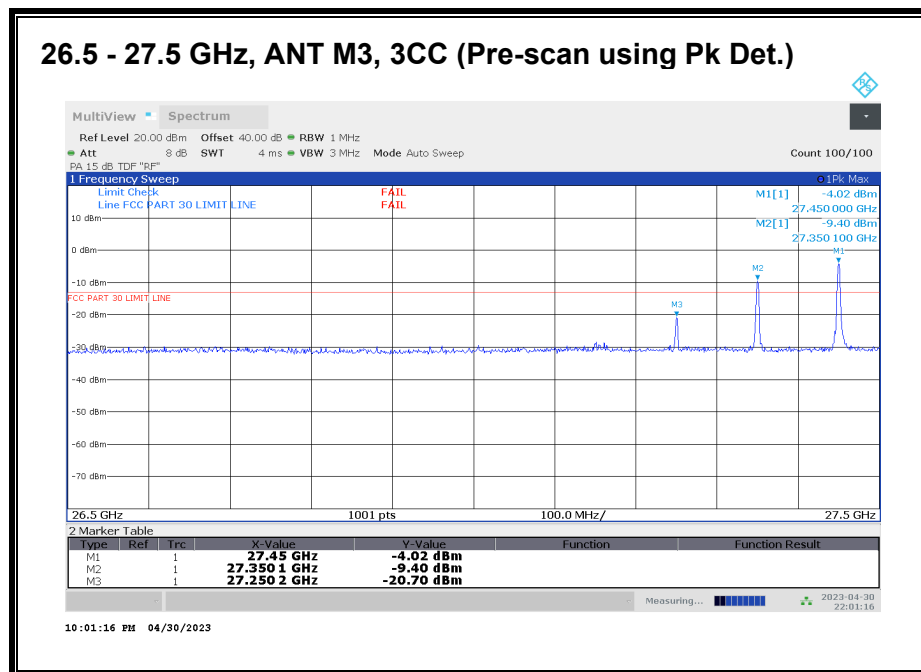
Worst case configuration:

SISO-DUAL\_QPSK\_(100 MHz + 100 MHz+ 100 MHz)\_Low CH\_RB Offset 1/32 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas. Distance | Rx Ant. Polarity | Corrected Avg EIRP | TRP Limit | Margin |
|---------|--------|----------------|------------------|--------------------|-----------|--------|
|         | (GHz)  | (m)            | H/V              | (dBm)              | (dBm)     | (dB)   |
| M2      | 27.449 | 3              | --               | -17.69             | -13       | -4.69  |



Worst case configuration:

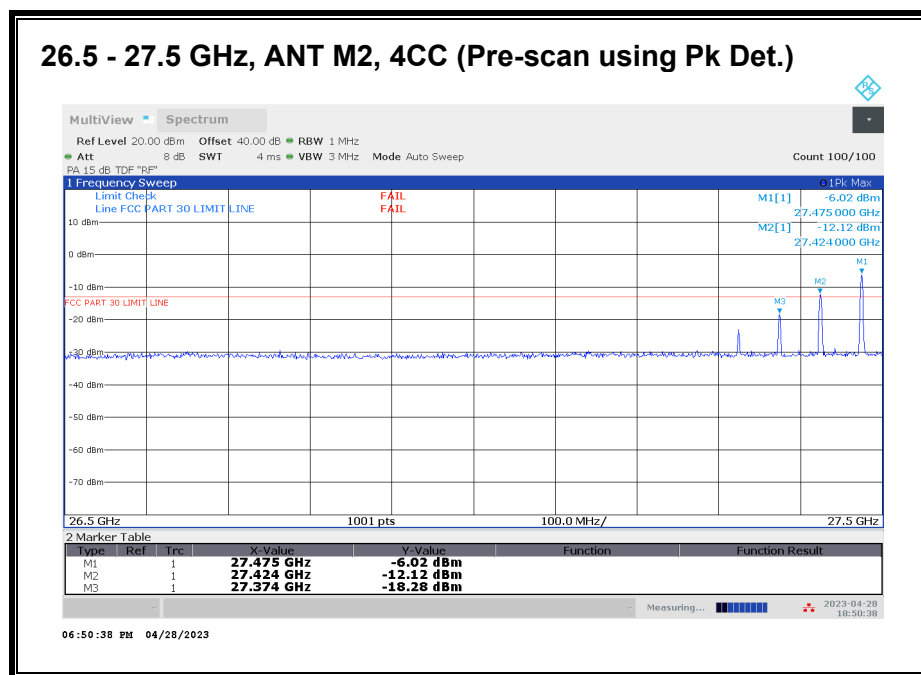
SISO-DUAL\_QPSK\_(100 MHz + 100 MHz+ 100 MHz)\_Low CH\_RB Offset 1/32 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP or TRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas.    | Rx Ant.  | TRP    | TRP Limit | Margin |
|---------|--------|----------|----------|--------|-----------|--------|
|         | (GHz)  | Distance | Polarity | (dBm)  | (dBm)     | (dB)   |
|         |        | (m)      | H/V      |        |           |        |
| M3      | 27.449 | 3        | --       | -21.00 | -13       | -8.00  |

## 26.5 – 27.5 GHz n261, 4CC



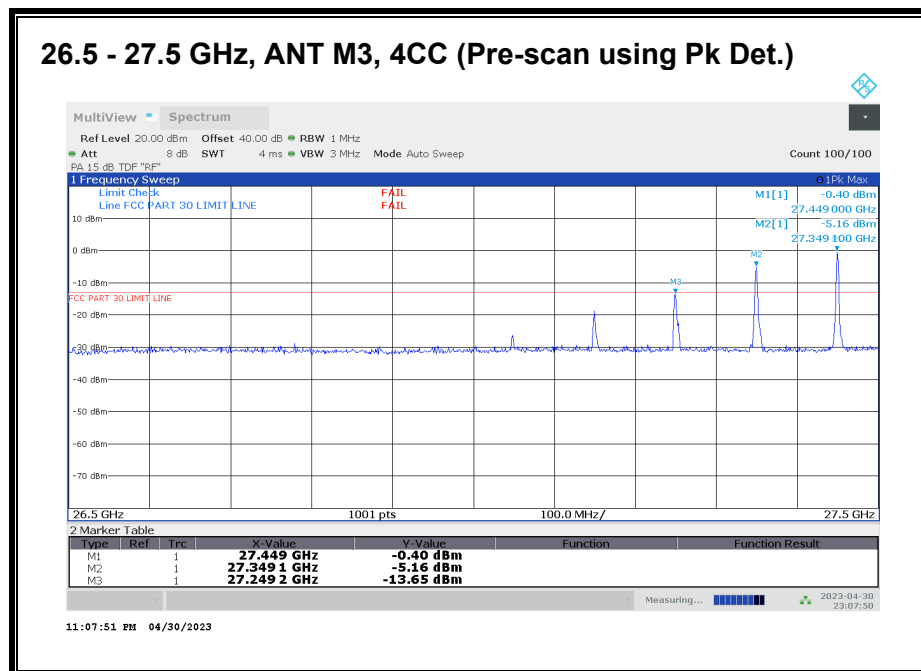
Worst case configuration:

SISO-DUAL\_QPSK\_(50 MHz + 50 MHz+ 50 MHz+ 50 MHz)\_Low CH\_RB Offset 1/15 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas. Distance | Rx Ant. Polarity | Corrected Avg EIRP | TRP Limit | Margin |
|---------|--------|----------------|------------------|--------------------|-----------|--------|
|         | (GHz)  | (m)            | H/V              | (dBm)              | (dBm)     | (dB)   |
| M2      | 27.474 | 3              | --               | -20.81             | -13       | -7.81  |



Worst case configuration:

SISO-DUAL\_QPSK\_(100 MHz + 100 MHz+ 100 MHz+ 100 MHz)\_Low CH\_RB Offset 1/32 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP or TRP was measured.

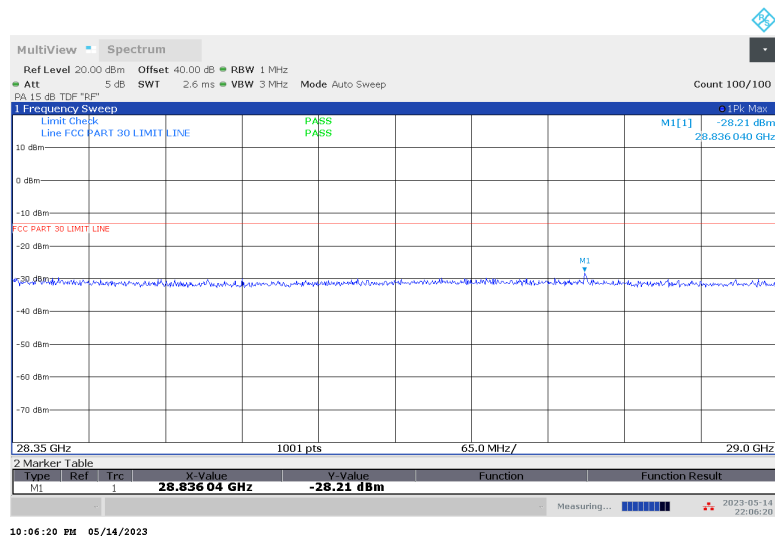
All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas. Distance | Rx Ant. Polarity | TRP    | TRP Limit | Margin |
|---------|--------|----------------|------------------|--------|-----------|--------|
|         | (GHz)  | (m)            | H/V              | (dBm)  | (dBm)     | (dB)   |
| M3      | 27.449 | 3              | --               | -21.49 | -13       | -8.49  |

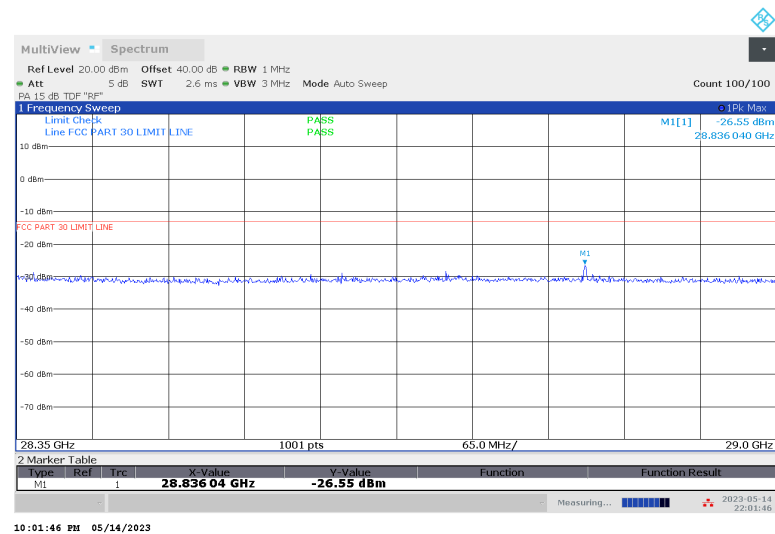
#### 8.4.24. RSE n261 28.35 - 29 GHz

Note: 27.5 - 28.35 GHz covered by Fundamental and BE measurements.

##### 28.35 - 29 GHz, ANT M2, 1CC (Pre-scan using Pk Det.) Horizontal

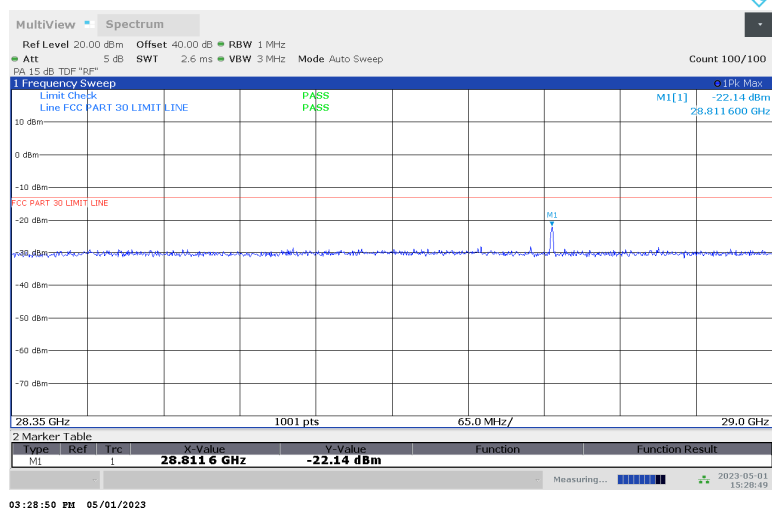


##### 28.35 - 29 GHz, ANT M2, 1CC (Pre-scan using Pk Det.) Vertical

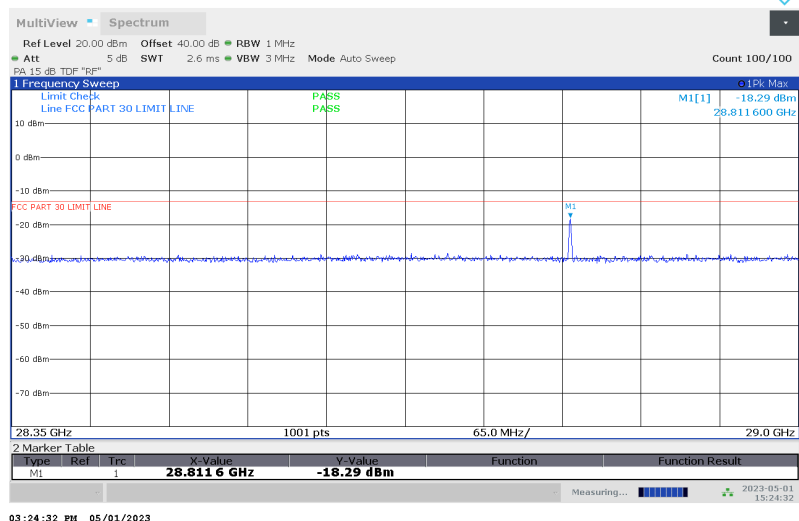


Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

## 28.35 - 29 GHz, ANT M3, 1CC (Pre-scan using Pk Det.) Horizontal



## 28.35 - 29 GHz, ANT M3, 1CC (Pre-scan using Pk Det.) Vertical

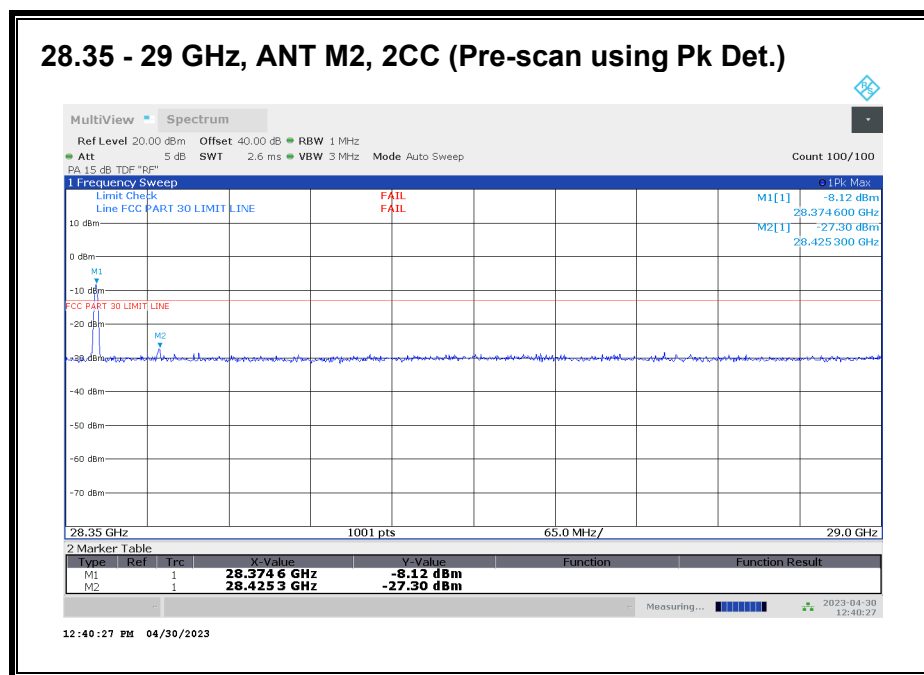


Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

**28.35 - 29 GHz n261, 1CC**

| Antenna | Freq.  | Meas.<br>Distance | Rx Ant.<br>Polarity | Corrected<br>Avg EIRP | TRP Limit | Margin |
|---------|--------|-------------------|---------------------|-----------------------|-----------|--------|
|         | (GHz)  | (m)               | H/V                 | (dBm)                 | (dBm)     | (dB)   |
| M2      | 28.836 | 3                 | H                   | -39.09                | -13       | -26.09 |
| M2      | 28.836 | 3                 | V                   | -29.3                 | -13       | -16.30 |
| M3      | 28.811 | 3                 | H                   | -32.74                | -13       | -19.74 |
| M3      | 28.811 | 3                 | V                   | -24.83                | -13       | -11.83 |

## 28.35 - 29 GHz n261, 2CC



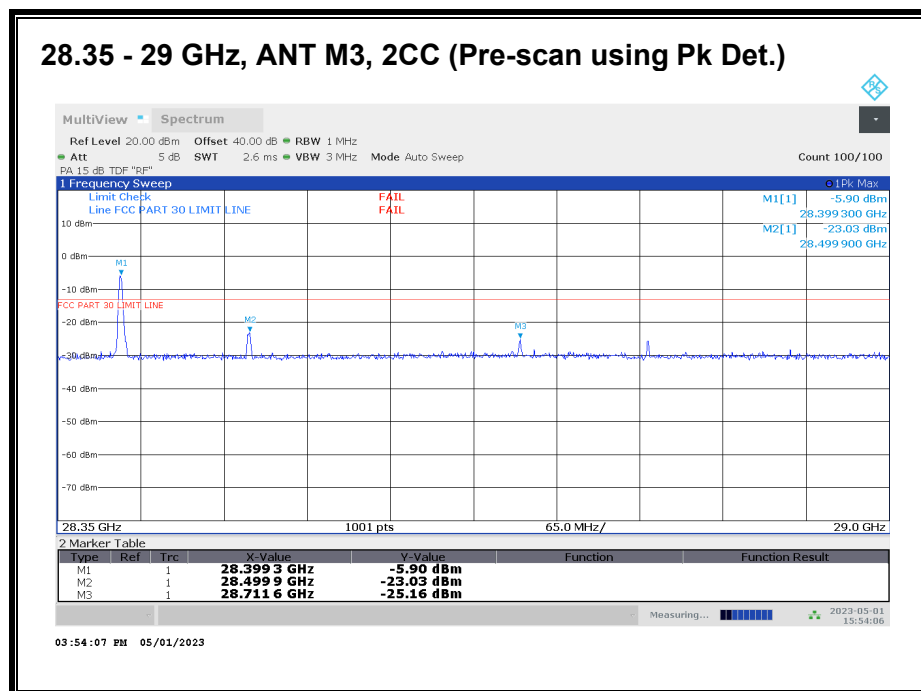
Worst case configuration:

SISO-DUAL\_QPSK\_(50 MHz + 50 MHz)\_High CH\_RB Offset 1/15 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas. Distance | Rx Ant. Polarity | Corrected Avg EIRP | TRP Limit | Margin |
|---------|--------|----------------|------------------|--------------------|-----------|--------|
|         | (GHz)  | (m)            | H/V              | (dBm)              | (dBm)     | (dB)   |
| M2      | 28.374 | 3              | --               | -17.60             | -13       | -4.60  |



Worst case configuration:

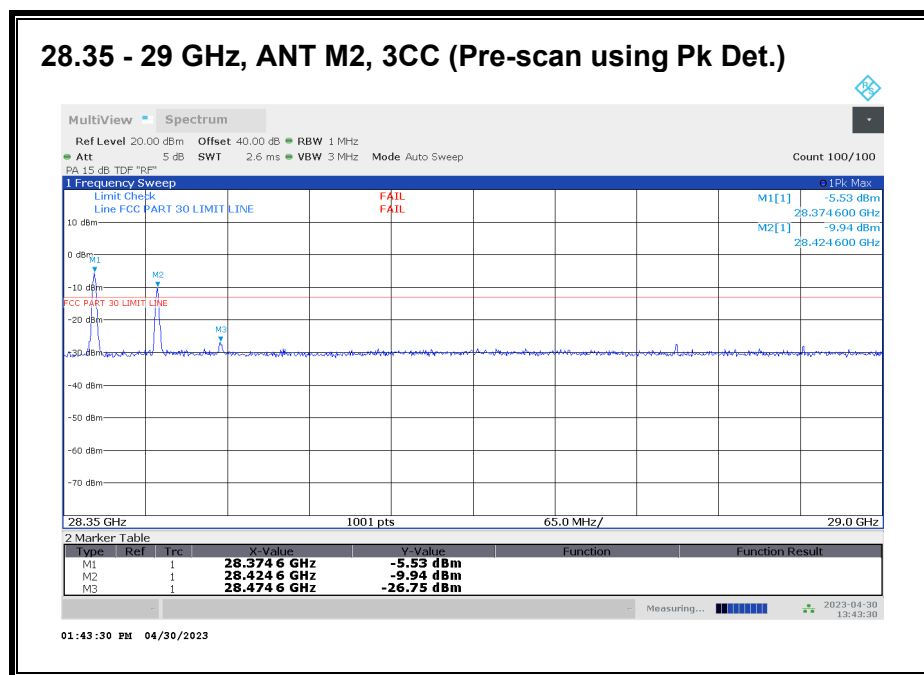
SISO-DUAL\_QPSK\_(100 MHz + 100 MHz)\_High CH\_RB Offset 1/32 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas.    | Rx Ant.  | Corrected | TRP Limit | Margin |
|---------|--------|----------|----------|-----------|-----------|--------|
|         | (GHz)  | Distance | Polarity | Avg EIRP  | (dBm)     | (dB)   |
|         |        | (m)      | H/V      | (dBm)     |           |        |
| M3      | 28.399 | 3        | --       | -14.93    | -13       | -1.93  |

## 28.35 - 29 GHz n261, 3CC



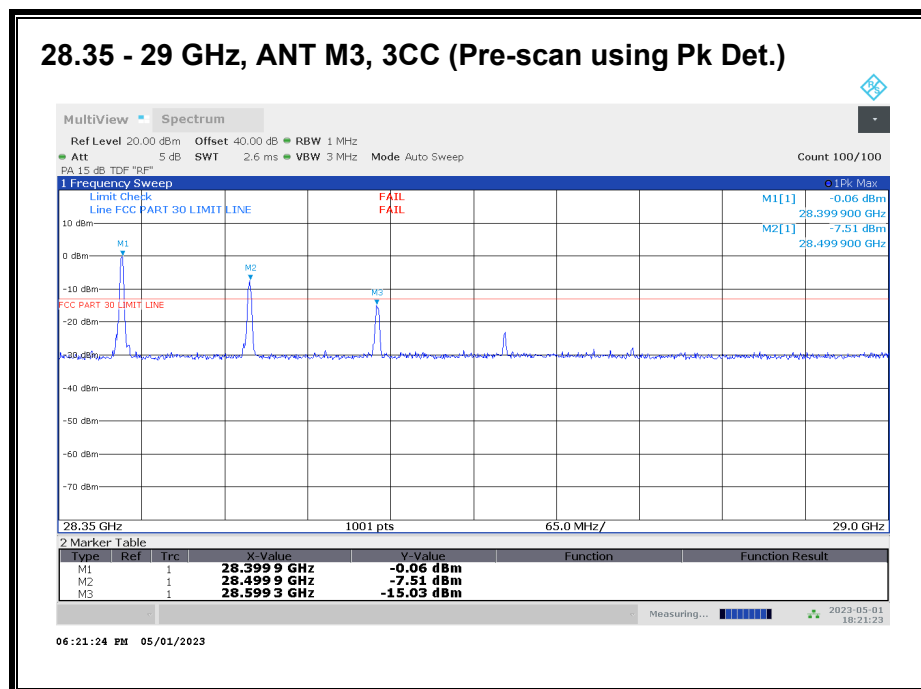
Worst case configuration:

SISO-DUAL\_QPSK\_(50 MHz + 50 MHz+ 50 MHz)\_High CH\_RB Offset 1/15 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas.    | Rx Ant.  | Corrected | TRP Limit | Margin |
|---------|--------|----------|----------|-----------|-----------|--------|
|         | (GHz)  | Distance | Polarity | Avg EIRP  | (dBm)     | (dB)   |
|         |        | (m)      | H/V      | (dBm)     |           |        |
| M2      | 28.374 | 3        | --       | -16.76    | -13       | -3.76  |



Worst case configuration:

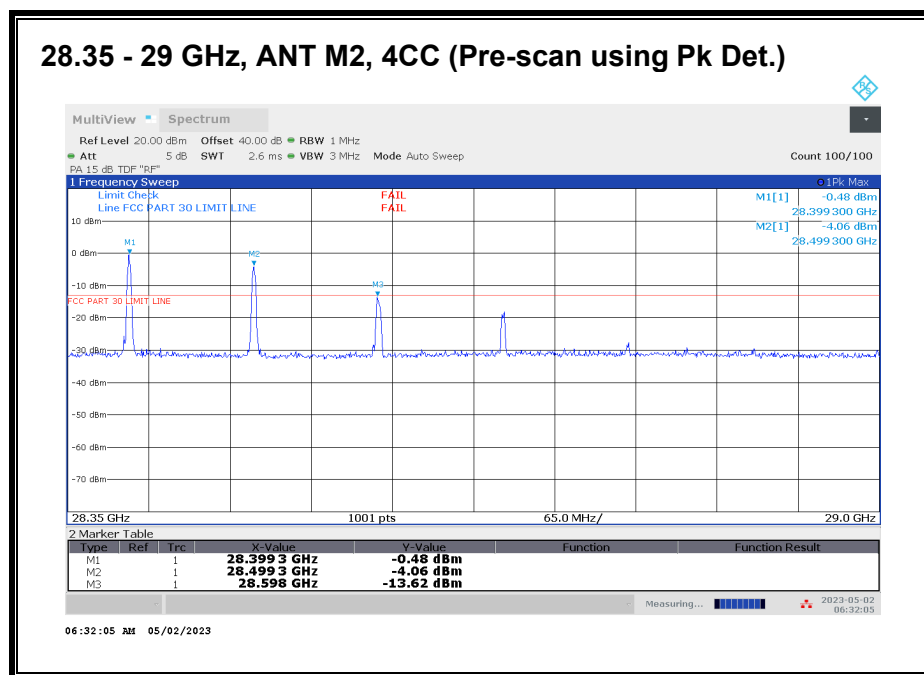
SISO-DUAL\_QPSK\_(100 MHz + 100 MHz+ 100 MHz)\_High CH\_RB Offset 1/32 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas.    | Rx Ant.  | Corrected | TRP Limit | Margin |
|---------|--------|----------|----------|-----------|-----------|--------|
|         | (GHz)  | Distance | Polarity | Avg EIRP  | (dBm)     | (dB)   |
|         |        | (m)      | H/V      | (dBm)     |           |        |
| M3      | 28.399 | 3        | --       | -14.18    | -13       | -1.18  |

## 28.35 - 29 GHz n261, 4CC



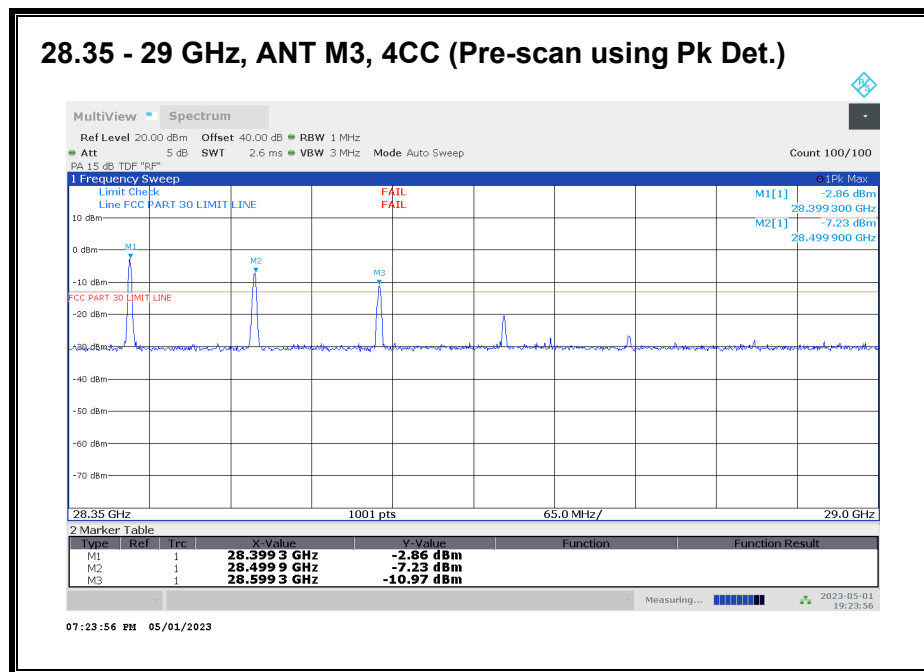
Worst case configuration:

SISO-DUAL\_QPSK\_(100 MHz + 100 MHz+ 100 MHz+ 100 MHz)\_High CH\_RB Offset 1/32 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas.    | Rx Ant.  | Corrected | TRP Limit | Margin |
|---------|--------|----------|----------|-----------|-----------|--------|
|         | (GHz)  | Distance | Polarity | Avg EIRP  | (dBm)     | (dB)   |
|         |        | (m)      | H/V      | (dBm)     |           |        |
| M3      | 28.399 | 3        | --       | -15.31    | -13       | -2.31  |



Worst case configuration:

SISO-DUAL\_QPSK\_(100 MHz + 100 MHz+ 100 MHz+ 100 MHz)\_High CH\_RB Offset 1/32 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP or TRP was measured.

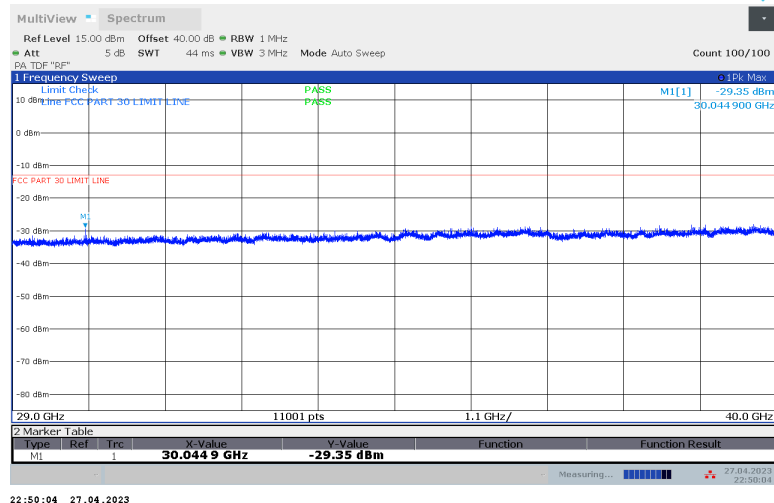
All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas.    | Rx Ant.  | TRP    | TRP Limit | Margin |
|---------|--------|----------|----------|--------|-----------|--------|
|         | (GHz)  | Distance | Polarity | (dBm)  | (dBm)     | (dB)   |
| M3      | 28.399 | 3        | --       | -20.98 | -13       | -7.98  |

### 8.4.25. RSE n261 29 - 40 GHz

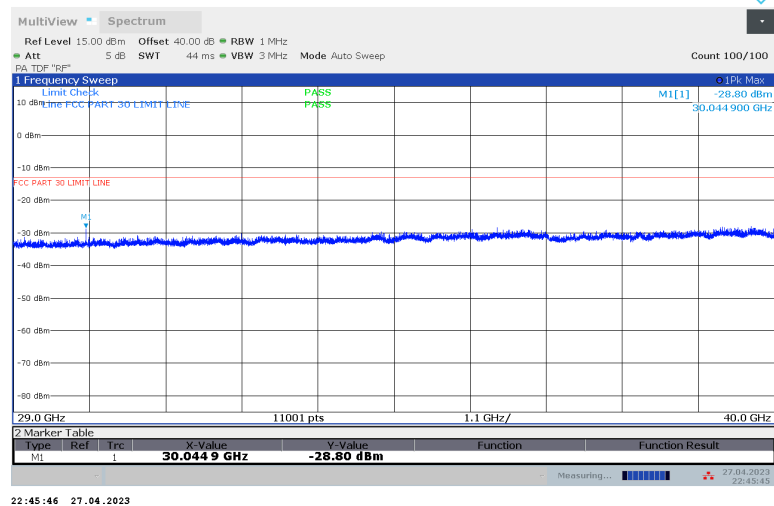
#### 29 - 40 GHz, ANT M2 (Pre-scan using Pk Det.)

Horizontal



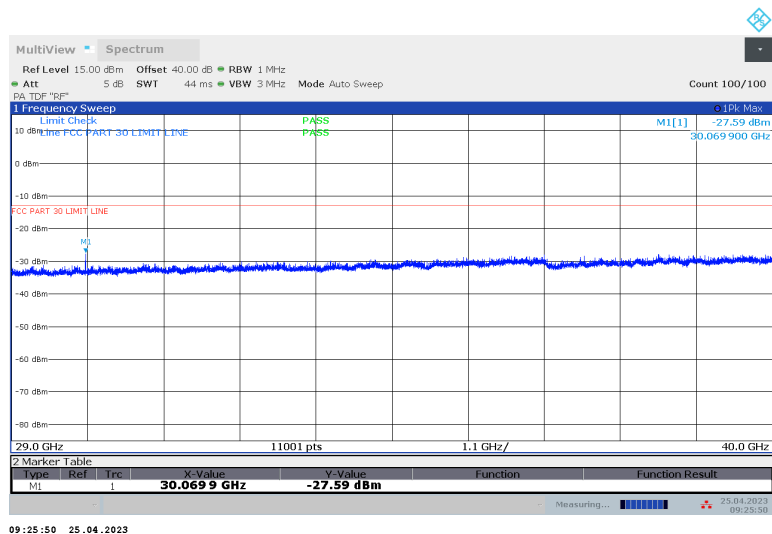
#### 29 - 40 GHz, ANT M2 (Pre-scan using Pk Det.)

Vertical

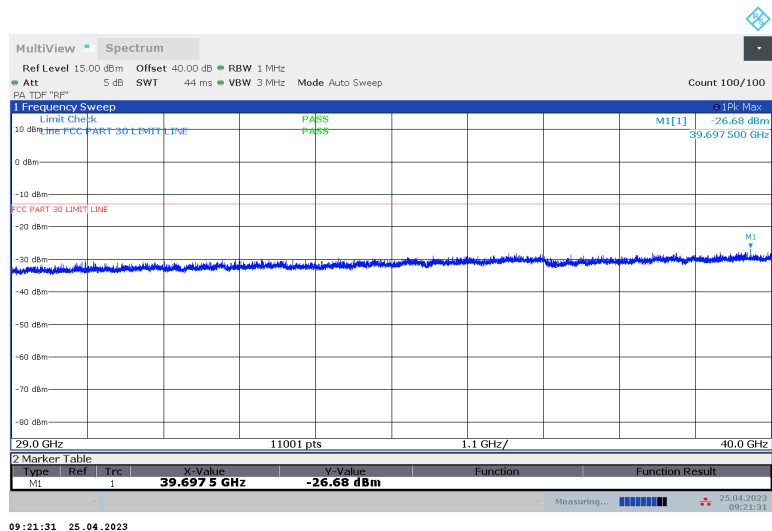


Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

## 29 - 40 GHz, ANT M3 (Pre-scan using Pk Det.) Horizontal



## 29 - 40 GHz, ANT M3 (Pre-scan using Pk Det.) Vertical



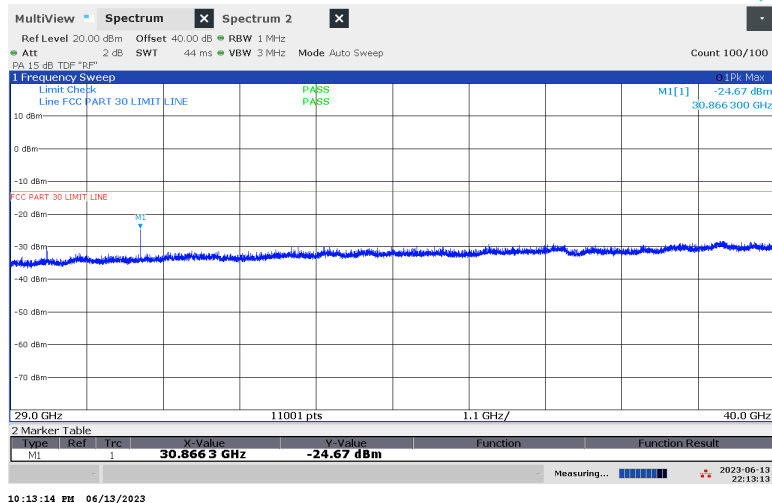
Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

**29 - 40 GHz n261, 1CC**

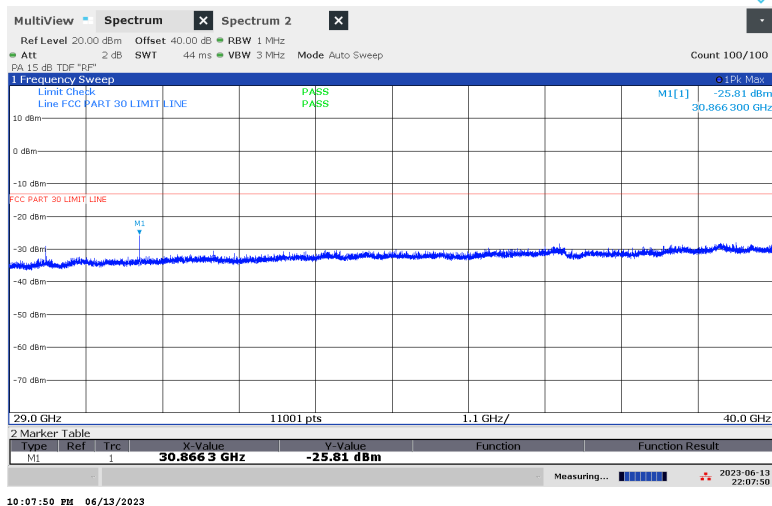
| Antenna | Freq.  | Meas.<br>Distance | Rx Ant.<br>Polarity | Corrected<br>Avg EIRP | TRP Limit | Margin |
|---------|--------|-------------------|---------------------|-----------------------|-----------|--------|
|         | (GHz)  | (m)               | H/V                 | (dBm)                 | (dBm)     | (dB)   |
| M2      | 30.044 | 3                 | H                   | -38.32                | -13       | -25.32 |
| M2      | 30.044 | 3                 | V                   | -33.22                | -13       | -20.22 |
| M3      | 30.069 | 3                 | H                   | -33.75                | -13       | -20.75 |
| M3      | 30.069 | 3                 | V                   | -39.55                | -13       | -26.55 |

Simultaneous Transmission: 5.8 GHz Wifi + n261 Band

**29 - 40 GHz, ANT M3 (Pre-scan using Pk Det.)**  
**Horizontal**



**29 - 40 GHz, ANT M3 (Pre-scan using Pk Det.)**  
**Vertical**



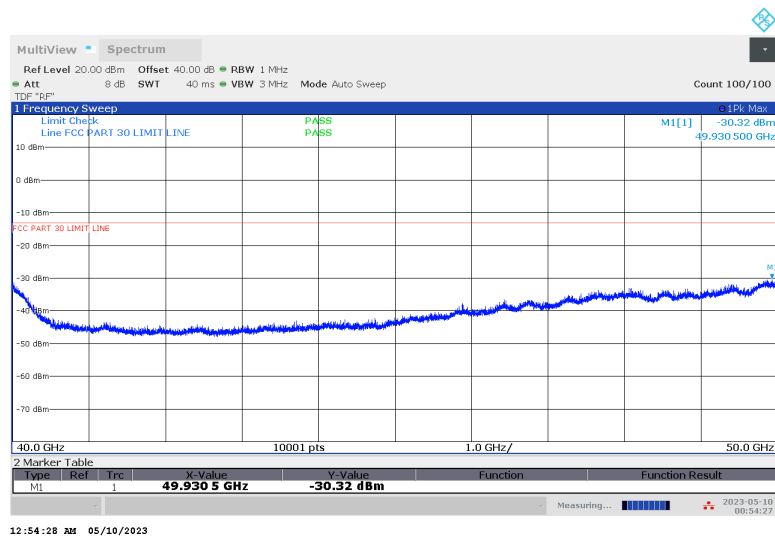
Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

**29 - 40 GHz, 5.8 GHz Wifi + n261**

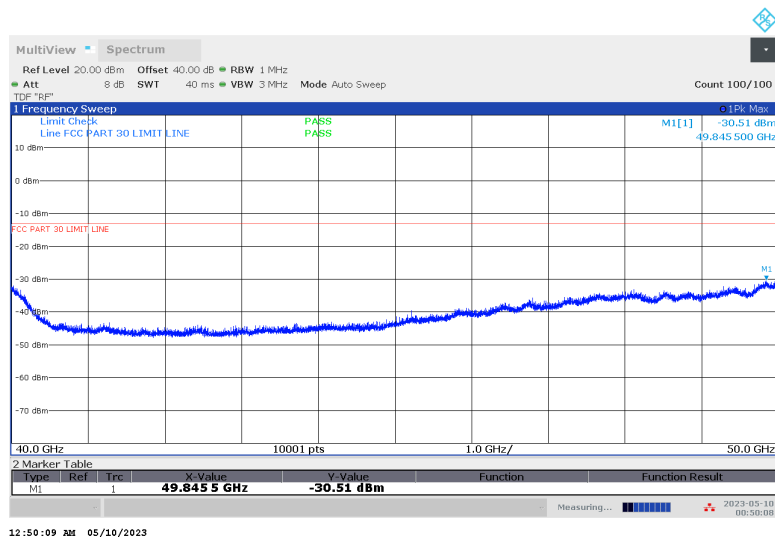
| Antenna | Freq.  | Meas.<br>Distance | Rx Ant.<br>Polarity | Corrected<br>Avg EIRP | TRP Limit | Margin |
|---------|--------|-------------------|---------------------|-----------------------|-----------|--------|
|         | (GHz)  | (m)               | H/V                 | (dBm)                 | (dBm)     | (dB)   |
| M3      | 30.866 | 3                 | H                   | -30.33                | -13       | -17.33 |
| M3      | 30.866 | 3                 | V                   | -35.56                | -13       | -22.56 |

## 8.4.26. RSE n261 40 - 50 GHz

### 40 – 50 GHz, ANT M2 (Pre-scan using Pk Det.) Horizontal

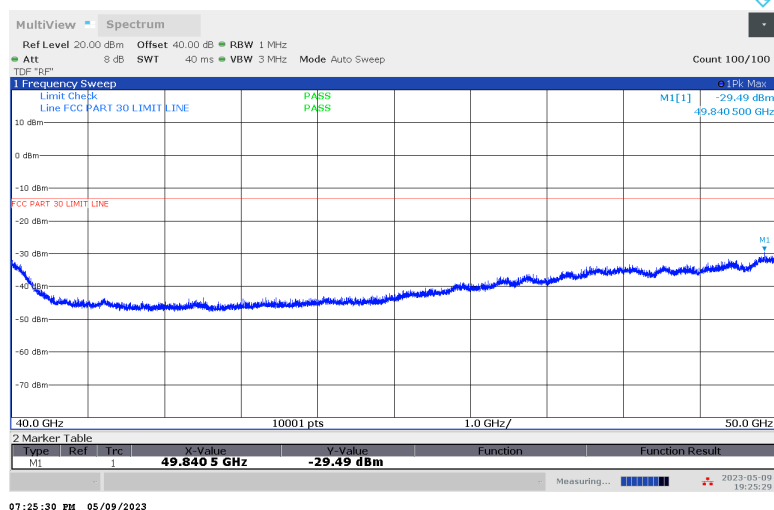


### 40 – 50 GHz, ANT M2 (Pre-scan using Pk Det.) Vertical

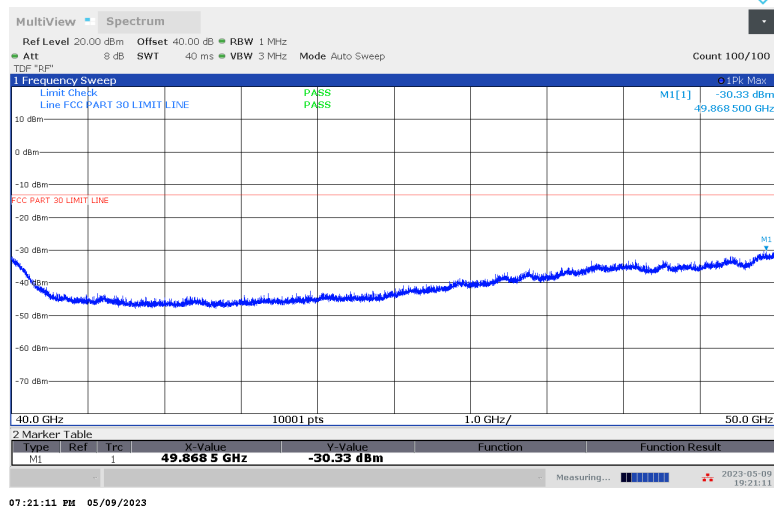


No emission detected using Peak Detection.

### 40 – 50 GHz, ANT M3 (Pre-scan using Pk Det.) Horizontal



### 40 – 50 GHz, ANT M3 (Pre-scan using Pk Det.) Vertical

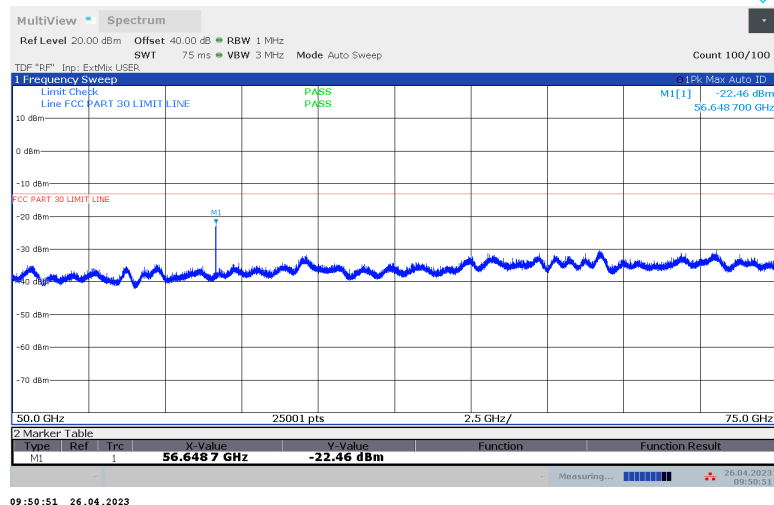


No emission detected using Peak Detection.

## 8.4.27. RSE n261 50 - 75 GHz

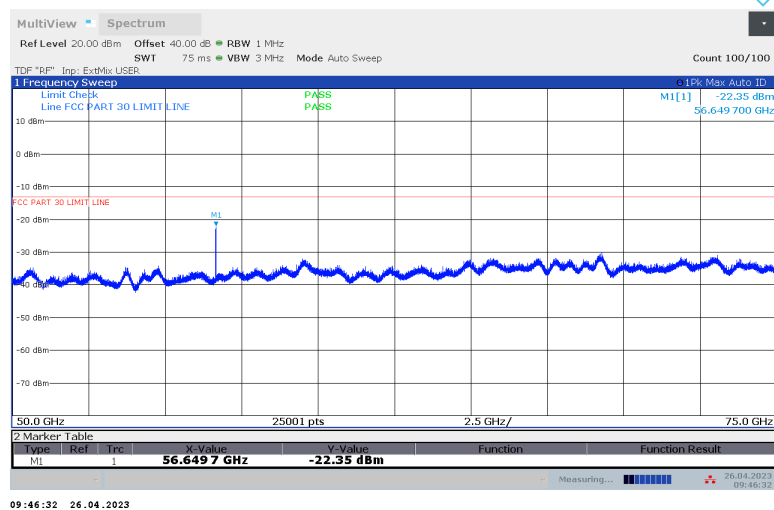
### 50 - 75 GHz, ANT M2 (Pre-scan using Pk Det.)

Horizontal



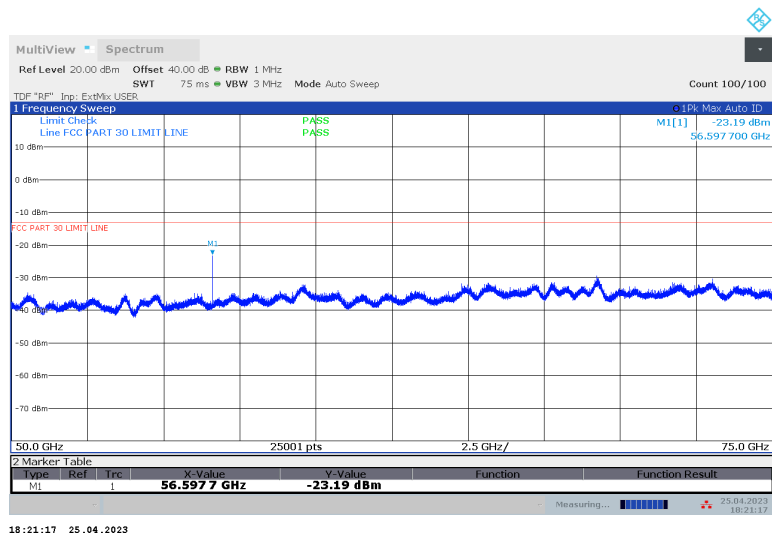
### 50 - 75 GHz, ANT M2 (Pre-scan using Pk Det.)

Vertical

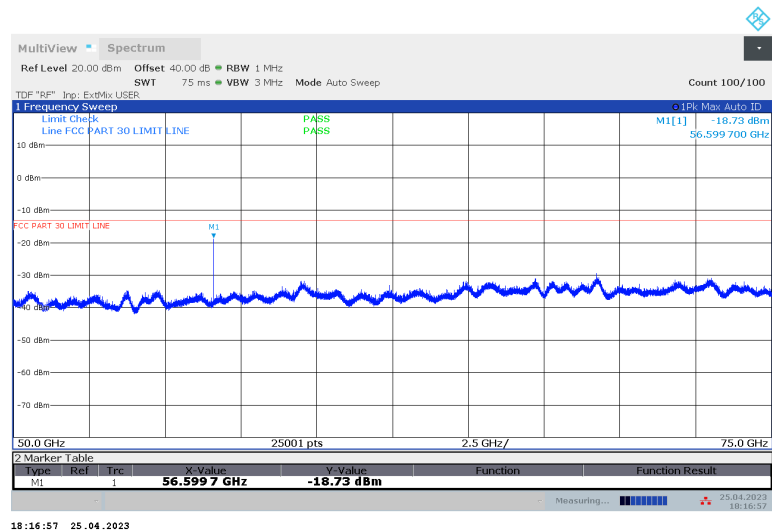


Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

### 50 - 75 GHz, ANT M3 (Pre-scan using Pk Det.) Horizontal



### 50 - 75 GHz, ANT M3 (Pre-scan using Pk Det.) Vertical



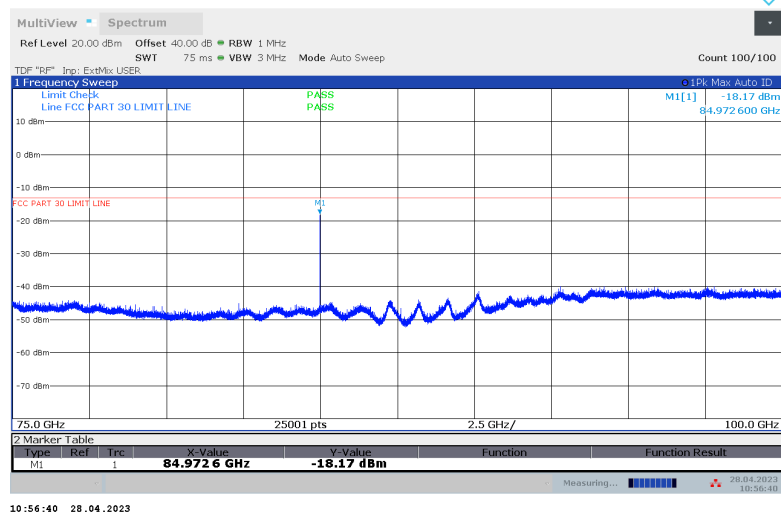
Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

**50 - 75 GHz n261, 1CC**

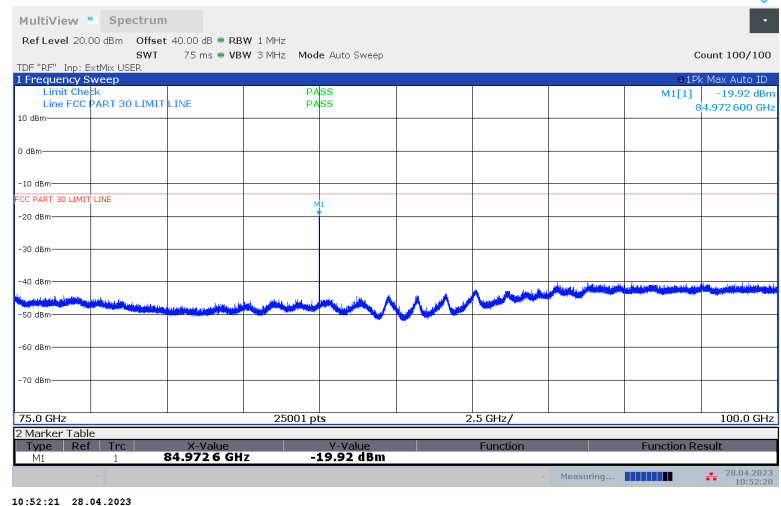
| Antenna | Freq.  | Meas.<br>Distance | Rx Ant.<br>Polarity | Corrected<br>Avg EIRP | TRP Limit | Margin |
|---------|--------|-------------------|---------------------|-----------------------|-----------|--------|
|         | (GHz)  | (m)               | H/V                 | (dBm)                 | (dBm)     | (dB)   |
| M2      | 56.649 | 1.5               | H                   | -36.22                | -13       | -23.22 |
| M2      | 56.649 | 1.5               | V                   | -28.98                | -13       | -15.98 |
| M3      | 56.599 | 1.5               | H                   | -25.26                | -13       | -12.26 |
| M3      | 56.599 | 1.5               | V                   | -41.71                | -13       | -28.71 |

## 8.4.28. RSE n261 75 - 100 GHz

### 75 - 100 GHz, ANT M2 (Pre-scan using Pk Det.) Horizontal

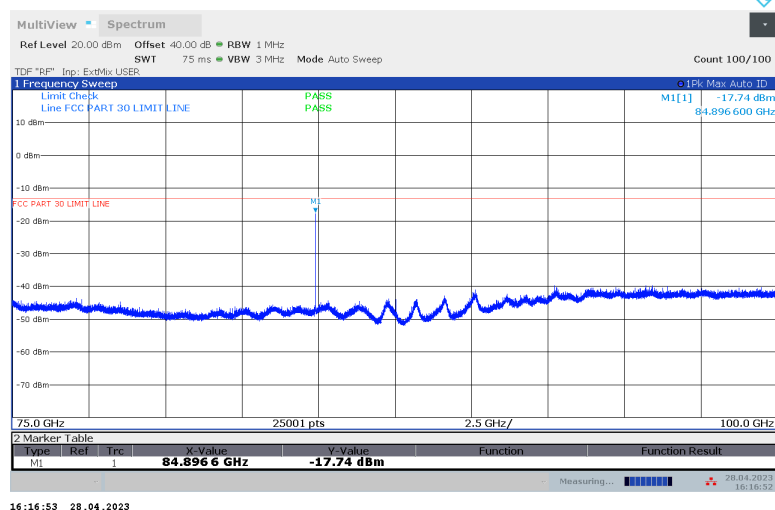


### 75 - 100 GHz, ANT M2 (Pre-scan using Pk Det.) Vertical

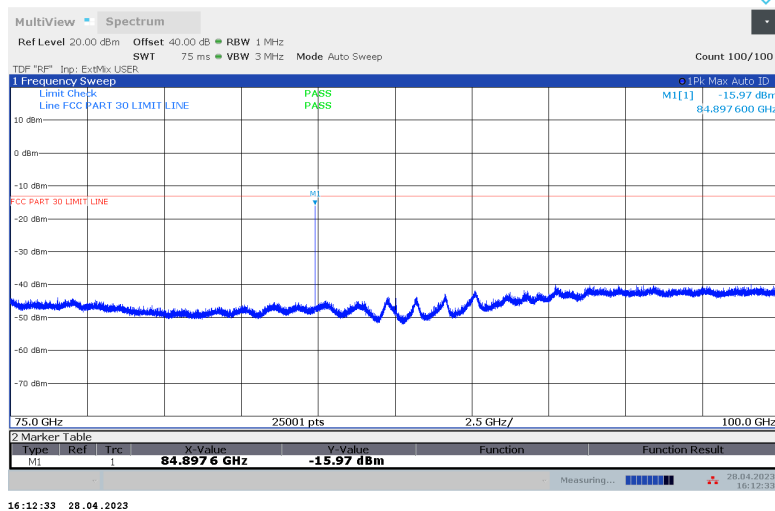


Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured

## 75 - 100 GHz, ANT M3 (Pre-scan using Pk Det.) Horizontal



## 75 - 100 GHz, ANT M3 (Pre-scan using Pk Det.) Vertical

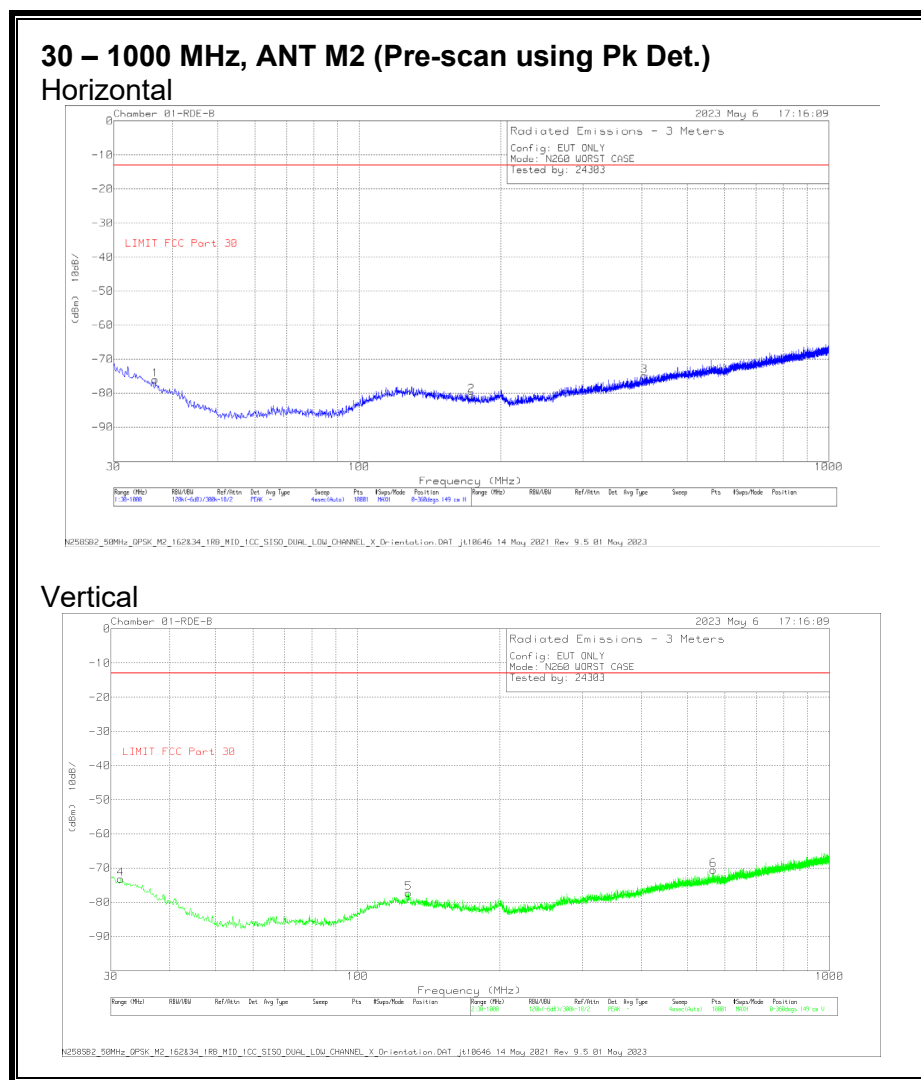


Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured

**75 - 100 GHz n261, 1CC**

| Antenna | Freq.  | Meas.<br>Distance | Rx Ant.<br>Polarity | Corrected<br>Avg EIRP | TRP Limit | Margin |
|---------|--------|-------------------|---------------------|-----------------------|-----------|--------|
|         | (GHz)  | (m)               | H/V                 | (dBm)                 | (dBm)     | (dB)   |
| M2      | 84.972 | 1                 | H                   | -28.13                | -13       | -15.13 |
| M2      | 84.972 | 1                 | V                   | -38.92                | -13       | -25.92 |
| M3      | 84.898 | 1                 | H                   | -19.69                | -13       | -6.69  |
| M3      | 84.898 | 1                 | V                   | -32.44                | -13       | -19.44 |

## 8.4.29. RSE n260 30 – 1000 MHz



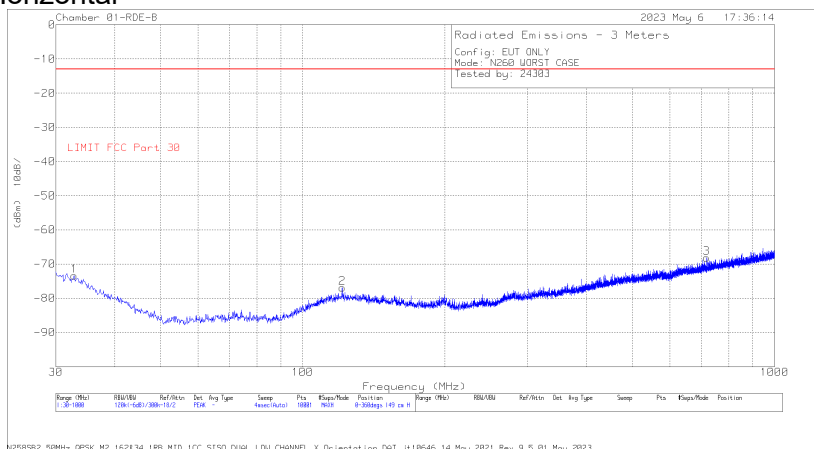
### Trace Markers

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 173997 ACF (dB/m) | Cbl/Amp (dB) | Unit Conversion (dB) | Corrected Reading (dBm) | FCC Part 30 TRP Limit (dBm) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|-------------------|--------------|----------------------|-------------------------|-----------------------------|-------------|----------------|-------------|----------|
| 4      | 31.455          | -79.82              | Pk  | 26.1              | -31.1        | 11.7                 | -73.12                  | -13                         | -60.12      | 0-360          | 149         | V        |
| 1      | 36.79           | -78.73              | Pk  | 22.1              | -31.1        | 11.7                 | -76.03                  | -13                         | -63.03      | 0-360          | 149         | H        |
| 5      | 128.261         | -78.22              | Pk  | 19.6              | -30.4        | 11.7                 | -77.32                  | -13                         | -64.32      | 0-360          | 149         | V        |
| 2      | 173.269         | -79.58              | Pk  | 17.3              | -30.1        | 11.7                 | -80.68                  | -13                         | -67.68      | 0-360          | 149         | H        |
| 3      | 404.808         | -79.21              | Pk  | 21.7              | -29.1        | 11.7                 | -74.91                  | -13                         | -61.91      | 0-360          | 149         | H        |
| 6      | 567.186         | -78                 | Pk  | 24.5              | -28.7        | 11.7                 | -70.5                   | -13                         | -57.5       | 0-360          | 149         | V        |

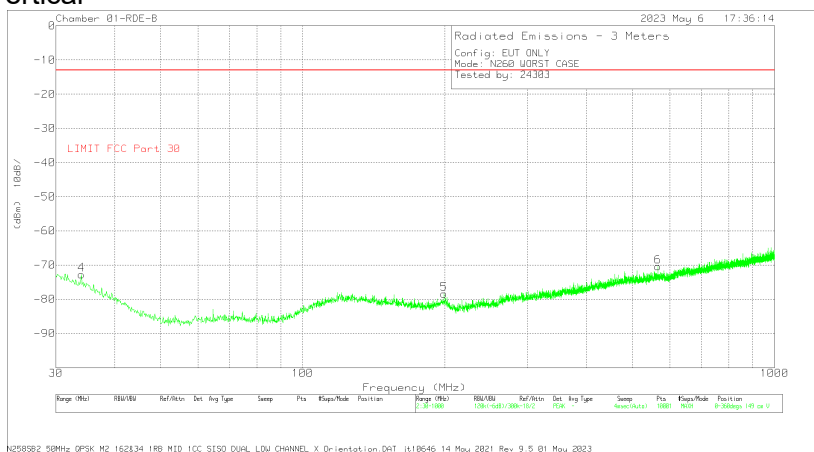
Pk - Peak detector

### 30 – 1000 MHz, ANT M3 (Pre-scan using Pk Det.)

#### Horizontal



#### Vertical



### Trace Markers

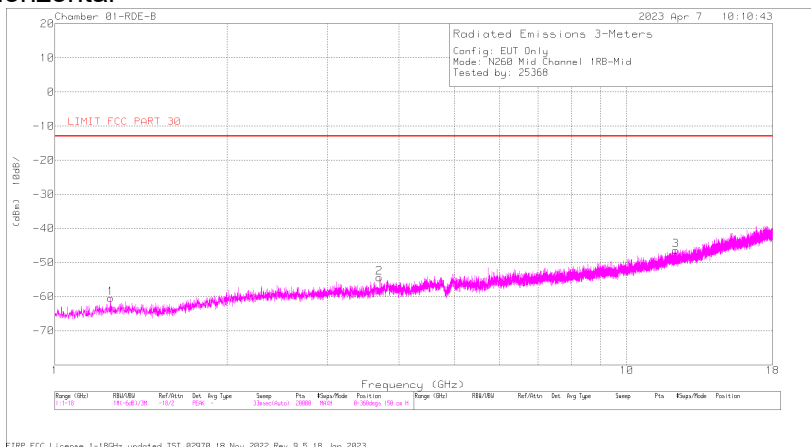
| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 173997 ACF (dB/m) | Cbl/Amp (dB) | Unit Conversion (dB) | Corrected Reading (dBm) | FCC Part 30 TRP Limit (dBm) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|-------------------|--------------|----------------------|-------------------------|-----------------------------|-------------|----------------|-------------|----------|
| 1      | 32.813          | -79.11              | Pk  | 25.1              | -31.1        | 11.7                 | -73.41                  | -13                         | -60.41      | 0-360          | 149         | H        |
| 4      | 33.977          | -77.42              | Pk  | 24.2              | -31.2        | 11.7                 | -72.72                  | -13                         | -59.72      | 0-360          | 149         | V        |
| 2      | 121.277         | -77.91              | Pk  | 19.7              | -30.4        | 11.7                 | -76.91                  | -13                         | -63.91      | 0-360          | 149         | H        |
| 5      | 199.362         | -78.63              | Pk  | 18.4              | -29.9        | 11.7                 | -78.43                  | -13                         | -65.43      | 0-360          | 149         | V        |
| 6      | 565.828         | -77.96              | Pk  | 24.5              | -28.6        | 11.7                 | -70.36                  | -13                         | -57.36      | 0-360          | 149         | V        |
| 3      | 718.603         | -78.19              | Pk  | 26.3              | -28          | 11.7                 | -68.19                  | -13                         | -55.19      | 0-360          | 149         | H        |

Pk - Peak detector

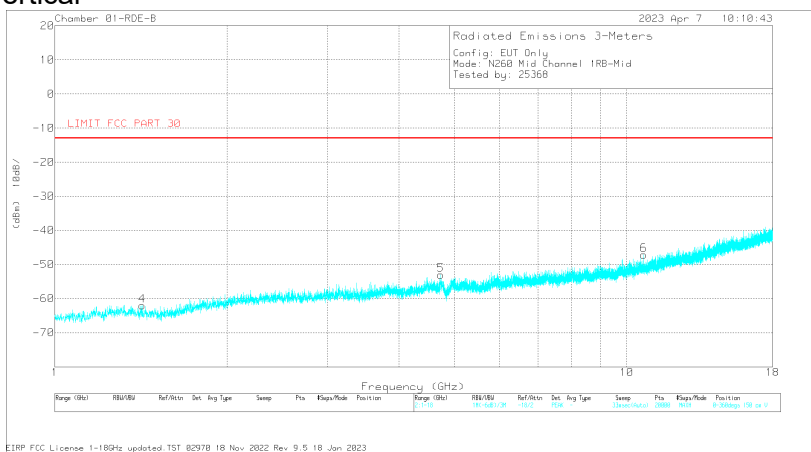
## 8.4.30. RSE n260 1 - 18 GHz

### 1 – 18 GHz, ANT M2 (Pre-scan using Pk Det.)

#### Horizontal



#### Vertical



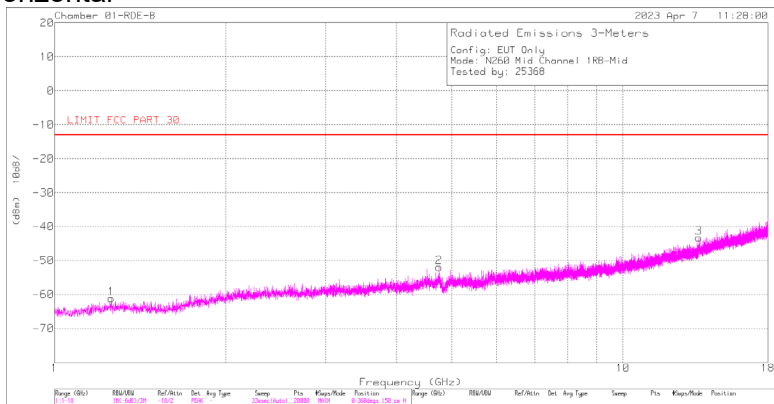
### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 200786 ACF (dB) | Unit Conversion (dB) | Gain/Loss (dB) | Corrected Reading (dBm) | FCC Part 30 TRP Limit (dBm) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|-----------------|----------------------|----------------|-------------------------|-----------------------------|-------------|----------------|-------------|----------|
| 1      | 1.251613        | -65.54              | Pk  | 28.6            | 11.7                 | -35.17         | -60.41                  | -13                         | -47.41      | 0-360          | 150         | H        |
| 4      | 1.420771        | -66.59              | Pk  | 28.1            | 11.7                 | -35.19         | -61.98                  | -13                         | -48.98      | 0-360          | 150         | V        |
| 2      | 3.693786        | -66.28              | Pk  | 33.1            | 11.7                 | -32.92         | -54.4                   | -13                         | -41.4       | 0-360          | 150         | H        |
| 5      | 4.729989        | -68.5               | Pk  | 34.2            | 11.7                 | -30.48         | -53.08                  | -13                         | -40.08      | 0-360          | 150         | V        |
| 6      | 10.711741       | -72.48              | Pk  | 37.7            | 11.7                 | -24.01         | -47.09                  | -13                         | -34.09      | 0-360          | 150         | V        |
| 3      | 12.178065       | -74.77              | Pk  | 38.8            | 11.7                 | -22.13         | -46.4                   | -13                         | -33.4       | 0-360          | 150         | H        |

Pk - Peak detector

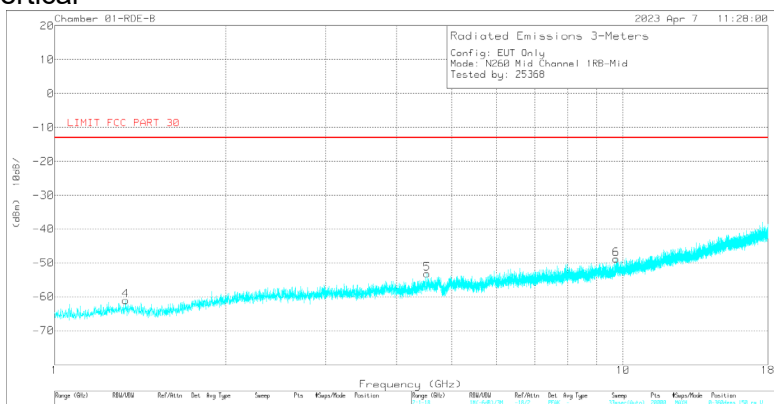
## 1 – 18 GHz, ANT M3 (Pre-scan using Pk Det.)

### Horizontal



ETRP FCC License 1-18GHz\_updated.TST 82978 18 Nov 2022 Rev. 9.5 18 Jun 2023

### Vertical



ETRP FCC License 1-18GHz\_updated.TST 82978 18 Nov 2022 Rev. 9.5 18 Jun 2023

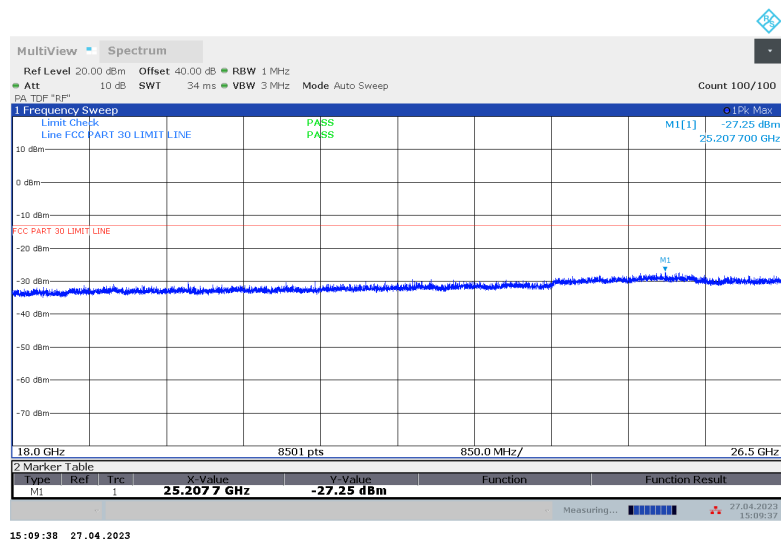
## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 200786 ACF (dB) | Unit Conversion (dB) | Gain/Loss (dB) | Corrected Reading (dBm) | FCC Part 30 TRP Limit (dBm) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|-----------------|----------------------|----------------|-------------------------|-----------------------------|-------------|----------------|-------------|----------|
| 1      | 1.258413        | -66.33              | Pk  | 28.6            | 11.7                 | -35.08         | -61.11                  | -13                         | -48.11      | 0-360          | 150         | H        |
| 4      | 1.333217        | -66.24              | Pk  | 28.7            | 11.7                 | -35.17         | -61.01                  | -13                         | -48.01      | 0-360          | 150         | V        |
| 5      | 4.524278        | -68.56              | Pk  | 34.3            | 11.7                 | -30.61         | -53.17                  | -13                         | -40.17      | 0-360          | 150         | V        |
| 2      | 4.74614         | -67.45              | Pk  | 34.2            | 11.7                 | -30.41         | -51.96                  | -13                         | -38.96      | 0-360          | 150         | H        |
| 6      | 9.733342        | -72.77              | Pk  | 36.8            | 11.7                 | -24.52         | -48.79                  | -13                         | -35.79      | 0-360          | 150         | V        |
| 3      | 13.611238       | -73.76              | Pk  | 39              | 11.7                 | -20.24         | -43.3                   | -13                         | -30.3       | 0-360          | 150         | H        |

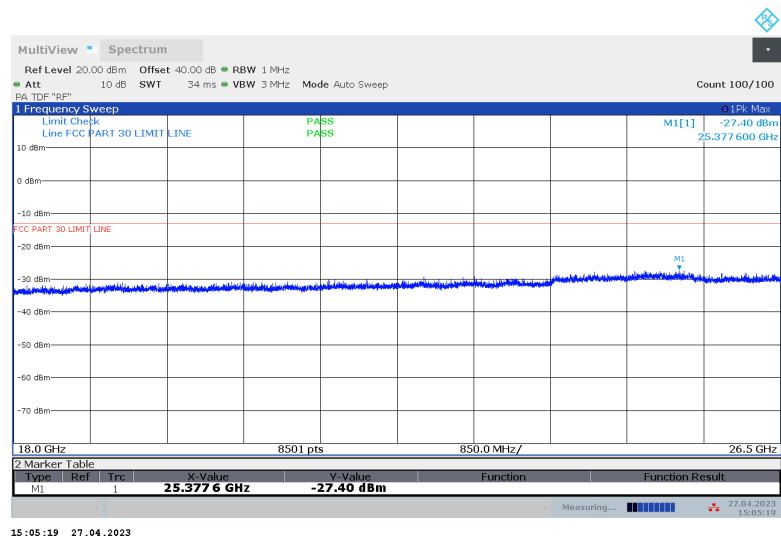
Pk - Peak detector

### 8.4.31. RSE n260 18 - 26.5 GHz

#### 18 - 26.5 GHz, ANT M2 (Pre-scan using Pk Det.) Horizontal

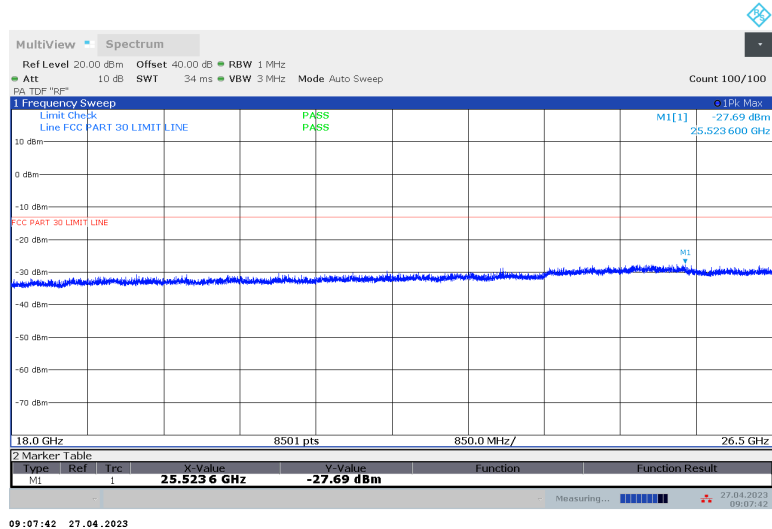


#### 18 - 26.5 GHz, ANT M2 (Pre-scan using Pk Det.) Vertical

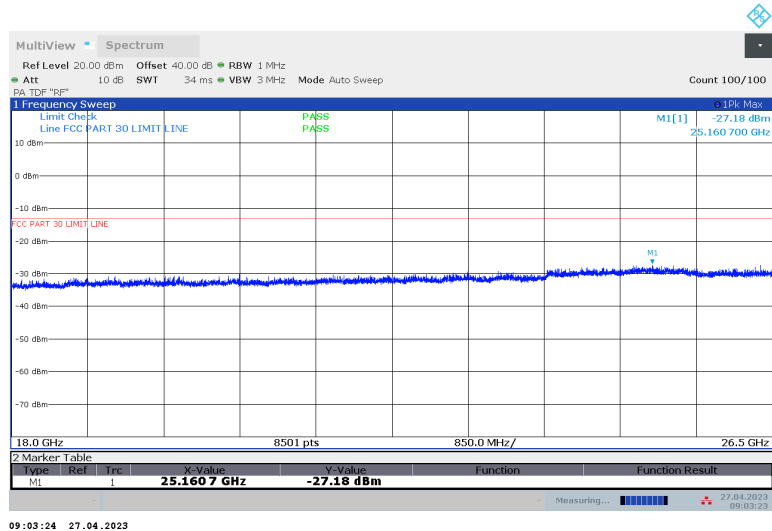


No emission detected using Peak Detection.

## 18 - 26.5 GHz, ANT M3 (Pre-scan using Pk Det.) Horizontal



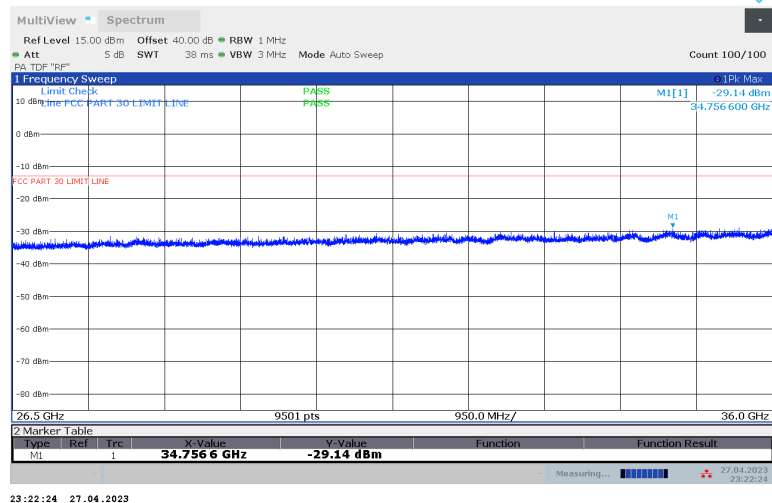
## 18 - 26.5 GHz, ANT M3 (Pre-scan using Pk Det.) Vertical



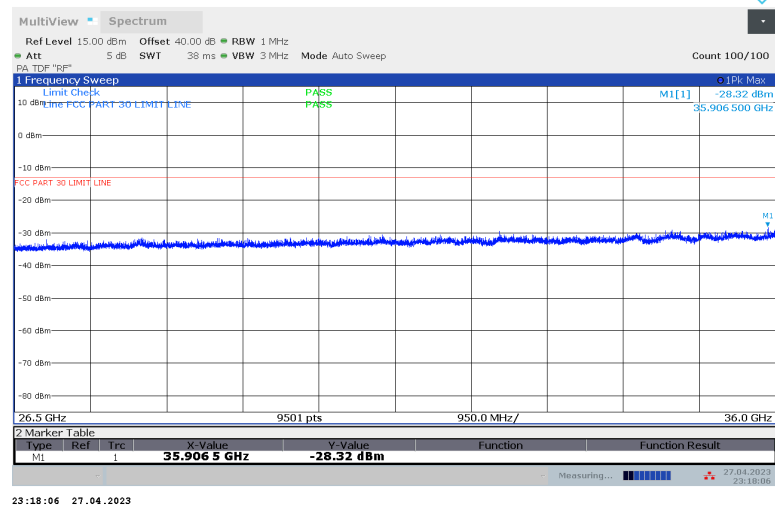
No emission detected using Peak Detection.

## 8.4.32. RSE n260 26.5 - 36 GHz

### 26.5 - 36 GHz, ANT M2, 1CC (Pre-scan using Pk Det.) Horizontal

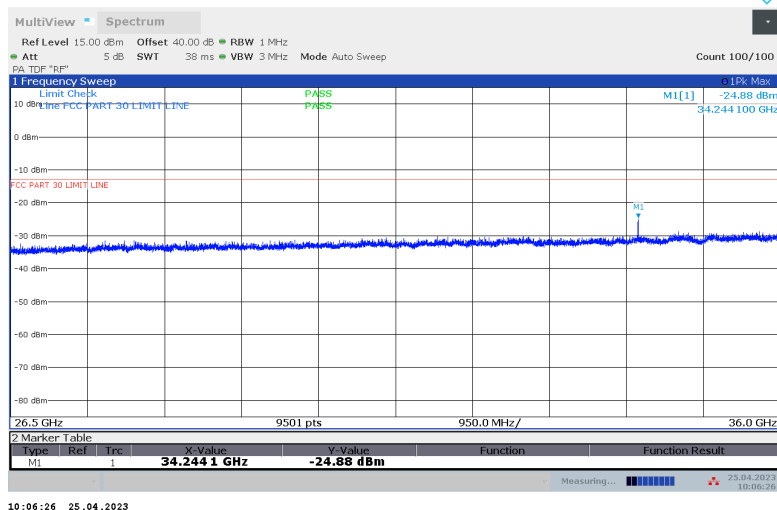


### 26.5 - 36 GHz, ANT M2, 1CC (Pre-scan using Pk Det.) Vertical

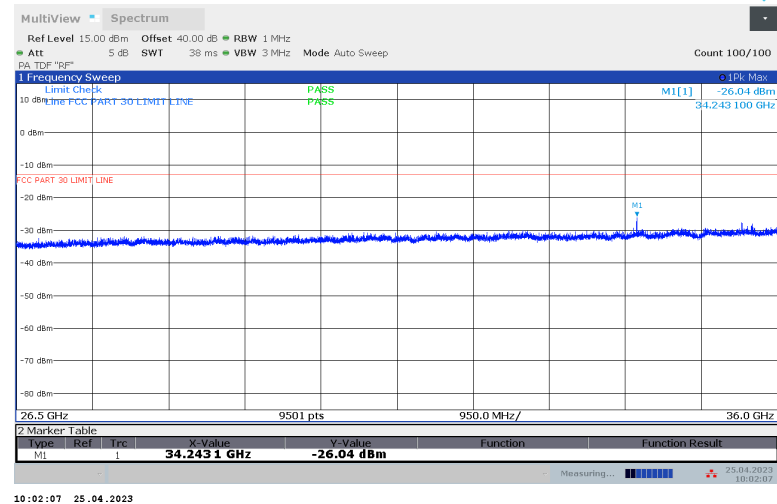


No emission detected using Peak Detection.

## 26.5 - 36 GHz, ANT M3, 1CC (Pre-scan using Pk Det.) Horizontal



## 26.5 - 36 GHz, ANT M3, 1CC (Pre-scan using Pk Det.) Vertical



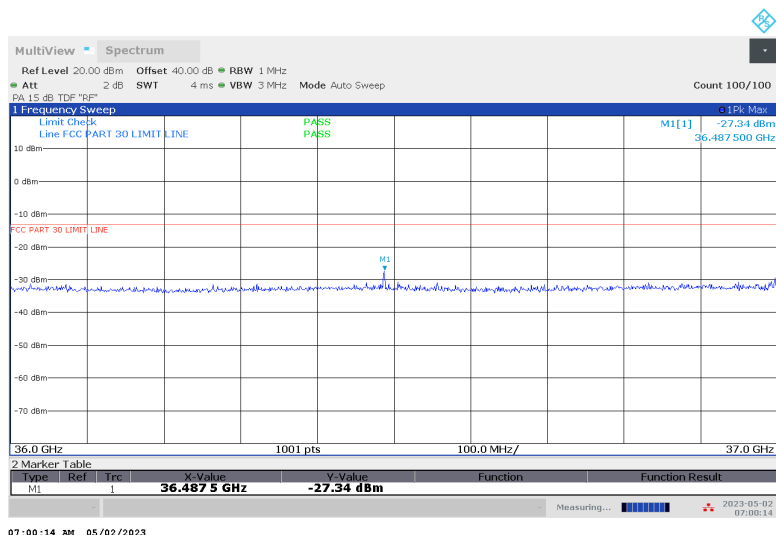
Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

**26.5 - 36 GHz n260, 1CC**

| Antenna | Freq.  | Meas.<br>Distance | Rx Ant.<br>Polarity | Corrected<br>Avg EIRP | TRP Limit | Margin |
|---------|--------|-------------------|---------------------|-----------------------|-----------|--------|
|         | (GHz)  | (m)               | H/V                 | (dBm)                 | (dBm)     | (dB)   |
| M3      | 34.244 | 3                 | H                   | -34.14                | -13       | -21.14 |
| M3      | 34.244 | 3                 | V                   | -32.8                 | -13       | -19.80 |

### 8.4.33. RSE n260 36 – 37 GHz

#### 36 - 37 GHz, ANT M2, 1CC (Pre-scan using Pk Det.) Horizontal

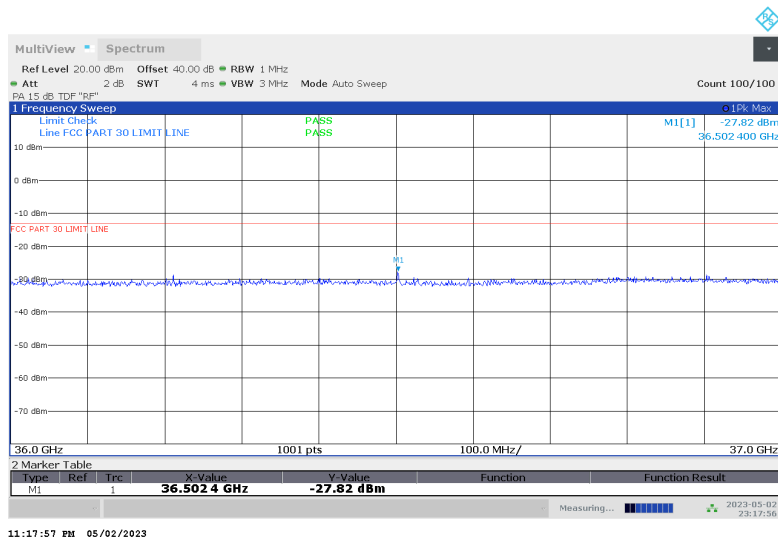


#### 36 - 37 GHz, ANT M2, 1CC (Pre-scan using Pk Det.) Vertical

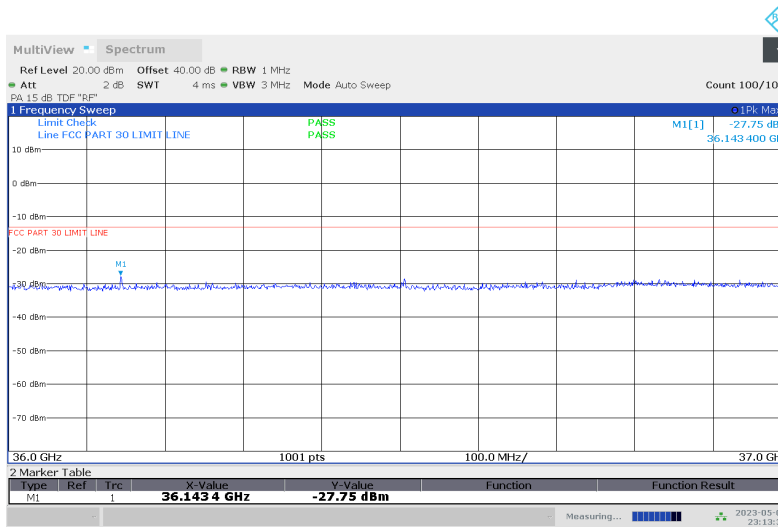


Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

### 36 - 37 GHz, ANT M3, 1CC (Pre-scan using Pk Det.) Horizontal



### 36 - 37 GHz, ANT M3, 1CC (Pre-scan using Pk Det.) Vertical

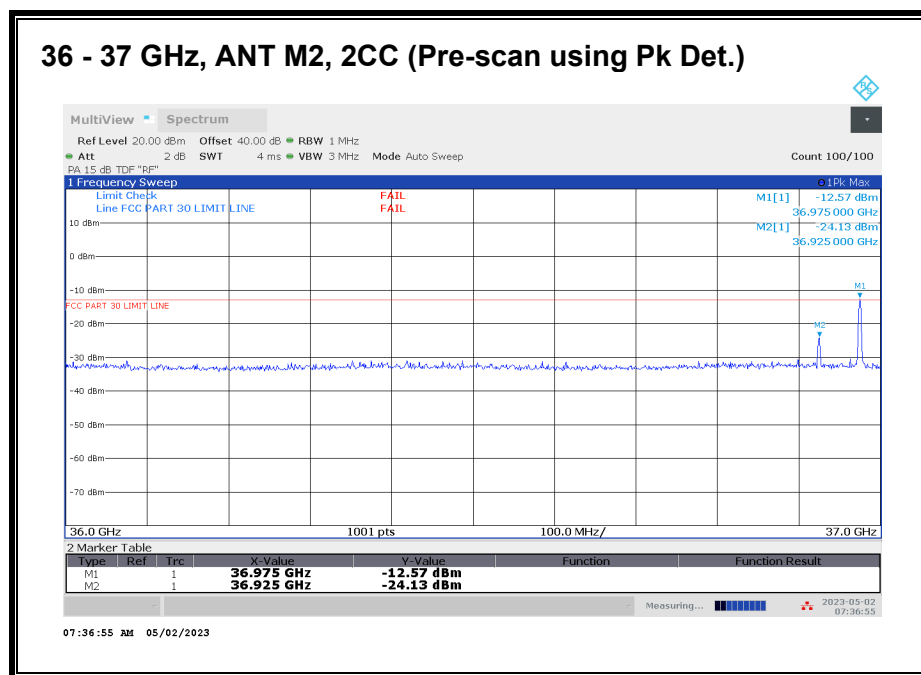


Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

**36 - 37 GHz n260, 1CC**

| Antenna | Freq.  | Meas.<br>Distance | Rx Ant.<br>Polarity | Corrected<br>Avg EIRP | TRP Limit | Margin |
|---------|--------|-------------------|---------------------|-----------------------|-----------|--------|
|         | (GHz)  | (m)               | H/V                 | (dBm)                 | (dBm)     | (dB)   |
| M2      | 36.487 | 3                 | H                   | -29.66                | -13       | -16.66 |
| M2      | 36.487 | 3                 | V                   | -42.13                | -13       | -29.13 |
| M3      | 36.502 | 3                 | H                   | -34.27                | -13       | -21.27 |
| M3      | 36.502 | 3                 | V                   | -38.01                | -13       | -25.01 |
| M3      | 36.143 | 3                 | H                   | -41.22                | -13       | -28.22 |
| M3      | 36.143 | 3                 | V                   | -34.59                | -13       | -21.59 |

### 36 - 37 GHz n260, 2CC



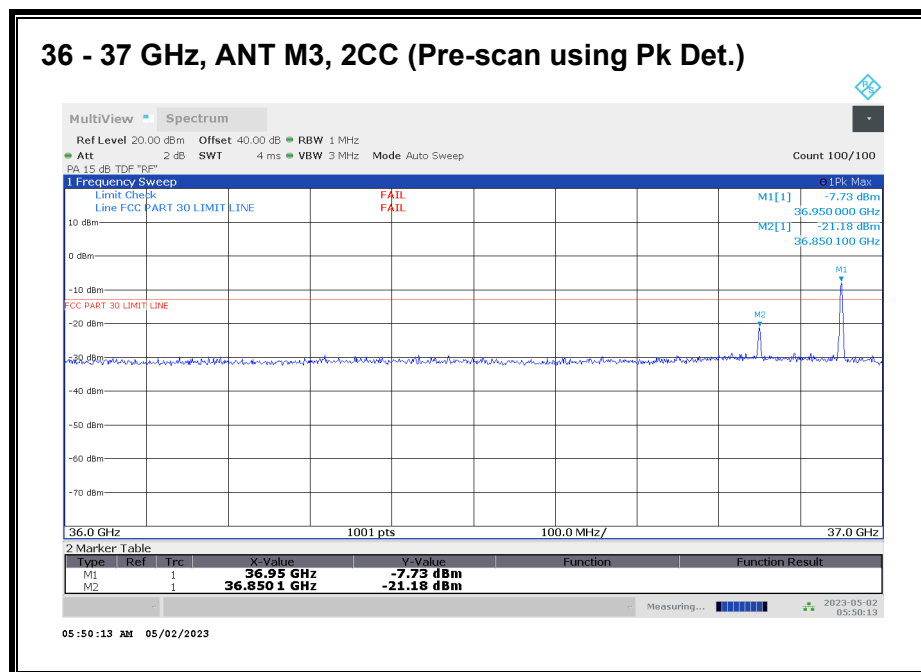
Worst case configuration:

SISO-DUAL\_QPSK\_(50 MHz + 50 MHz)\_Low CH\_RB Offset 1/15 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas.    | Rx Ant.  | Corrected | TRP Limit | Margin |
|---------|--------|----------|----------|-----------|-----------|--------|
|         | (GHz)  | Distance | Polarity | Avg EIRP  | (dBm)     | (dB)   |
|         |        | (m)      | H/V      | (dBm)     |           |        |
| M2      | 26.974 | 3        | --       | -20.40    | -13       | -7.40  |



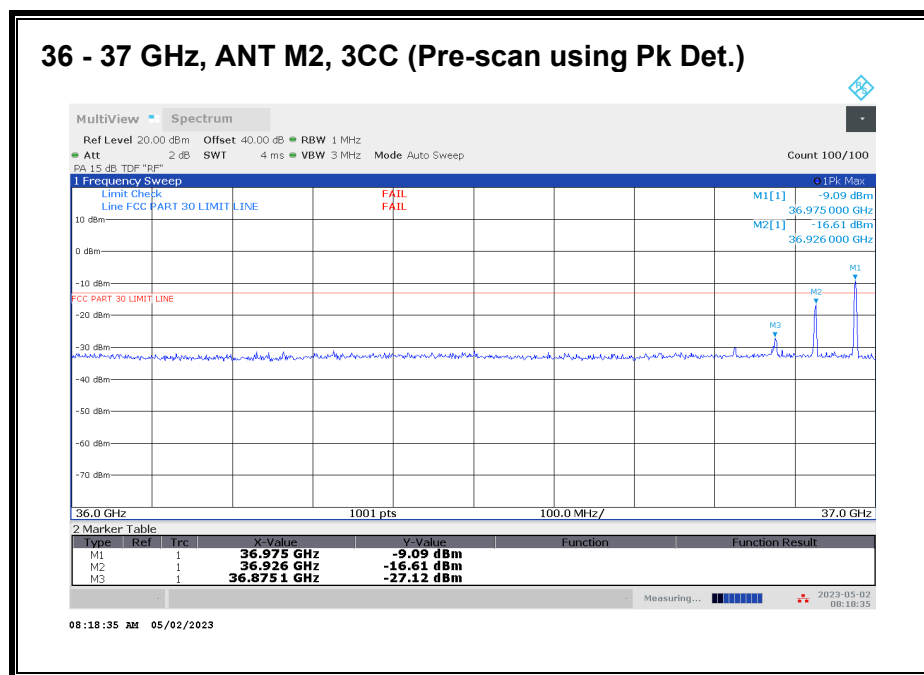
Worst case configuration:  
SISO-DUAL\_QPSK\_(100 MHz + 100 MHz)\_Low CH\_RB Offset 1/32 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq. | Meas. Distance | Rx Ant. Polarity | Corrected Avg EIRP | TRP Limit | Margin |
|---------|-------|----------------|------------------|--------------------|-----------|--------|
|         | (GHz) | (m)            | H/V              | (dBm)              | (dBm)     | (dB)   |
| M3      | 36.95 | 3              | --               | -20.89             | -13       | -7.89  |

### 36 - 37 GHz n260, 3CC



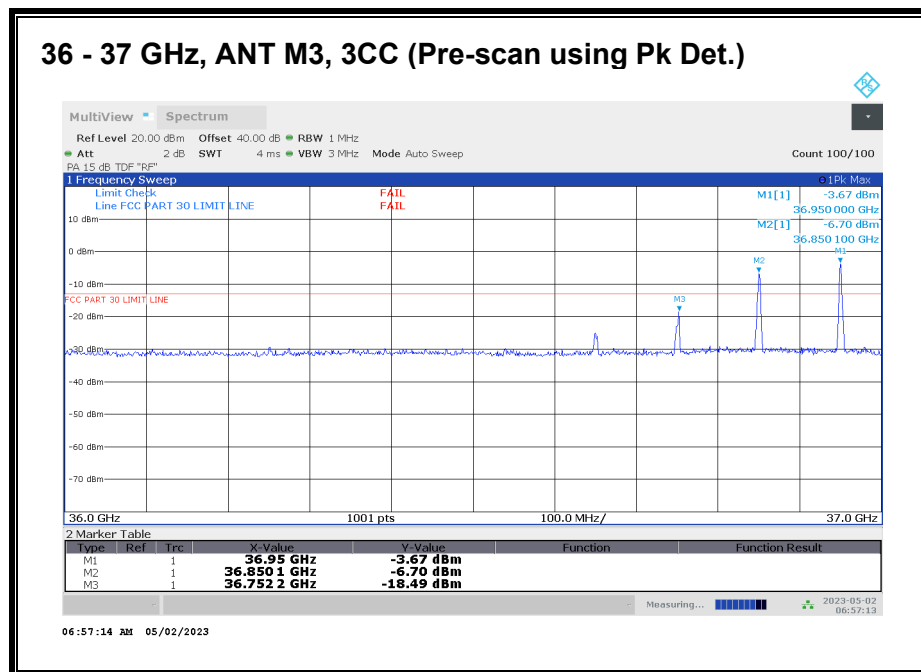
Worst case configuration:

SISO-DUAL\_QPSK\_(50 MHz + 50 MHz + 50 MHz)\_Low CH\_RB Offset 1/15 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas. Distance | Rx Ant. Polarity | Corrected Avg EIRP | TRP Limit | Margin |
|---------|--------|----------------|------------------|--------------------|-----------|--------|
|         | (GHz)  | (m)            | H/V              | (dBm)              | (dBm)     | (dB)   |
| M2      | 36.974 | 3              | --               | -22.78             | -13       | -9.78  |



Worst case configuration:

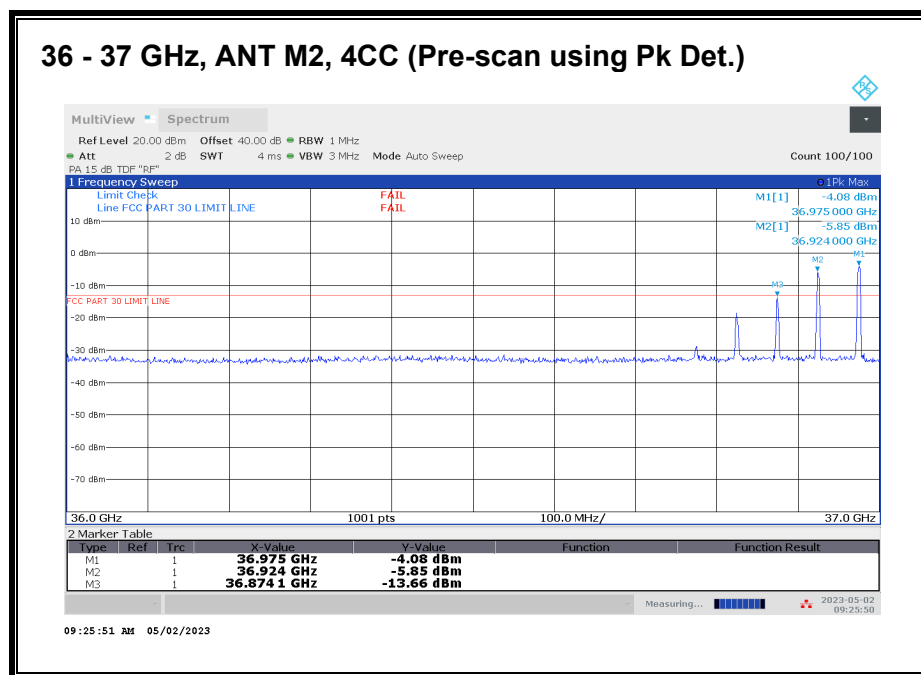
SISO-DUAL\_QPSK\_(100 MHz + 100 MHz + 100 MHz)\_Low CH\_RB Offset 1/32 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas.    | Rx Ant.  | Corrected | TRP Limit | Margin |
|---------|--------|----------|----------|-----------|-----------|--------|
|         | (GHz)  | Distance | Polarity | Avg EIRP  | (dBm)     | (dB)   |
|         |        | (m)      | H/V      | (dBm)     |           |        |
| M3      | 36.950 | 3        | --       | -19.83    | -13       | -6.83  |

### 36 - 37 GHz n260, 4CC



Worst case configuration:

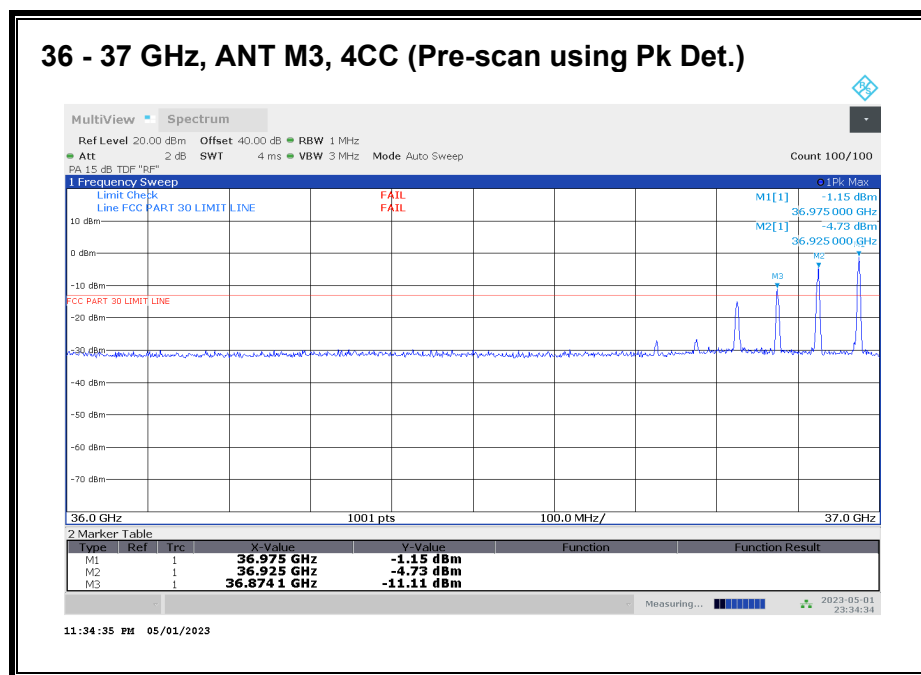
SISO-DUAL\_QPSK\_(50 MHz + 50 MHz + 50 MHz + 50 MHz)\_Low CH\_RB Offset 1/15 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas. Distance | Rx Ant. Polarity | Corrected Avg EIRP | TRP Limit | Margin |
|---------|--------|----------------|------------------|--------------------|-----------|--------|
|         | (GHz)  | (m)            | H/V              | (dBm)              | (dBm)     | (dB)   |
| M2      | 36.974 | 3              | --               | -19.28             | -13       | -6.28  |

### 36 - 37 GHz n260, 4CC



Worst case configuration:

SISO-DUAL\_QPSK\_(50 MHz + 50 MHz + 50 MHz + 50 MHz)\_Low CH\_RB Offset 1/15 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

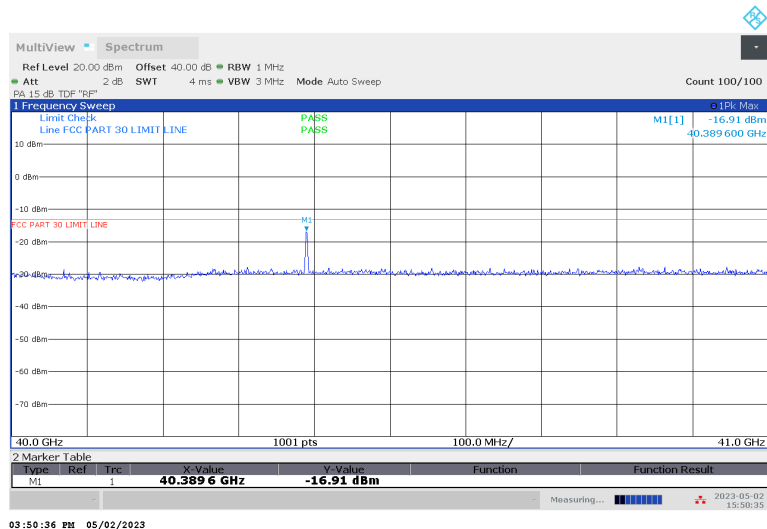
All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas. Distance | Rx Ant. Polarity | Corrected Avg EIRP | TRP Limit | Margin |
|---------|--------|----------------|------------------|--------------------|-----------|--------|
|         | (GHz)  | (m)            | H/V              | (dBm)              | (dBm)     | (dB)   |
| M3      | 36.974 | 3              | --               | -5.49              | -13       | 7.51   |

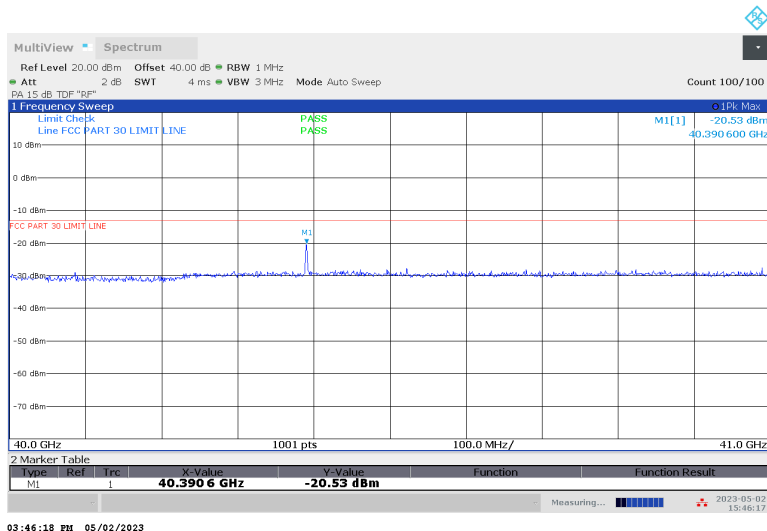
### 8.4.34. RSE n260 40 – 41 GHz

Note: 37 - 40 GHz covered by Fundamental and BE measurements.

#### 40 – 41 GHz, ANT M2, 1CC (Pre-scan using Pk Det.) Horizontal

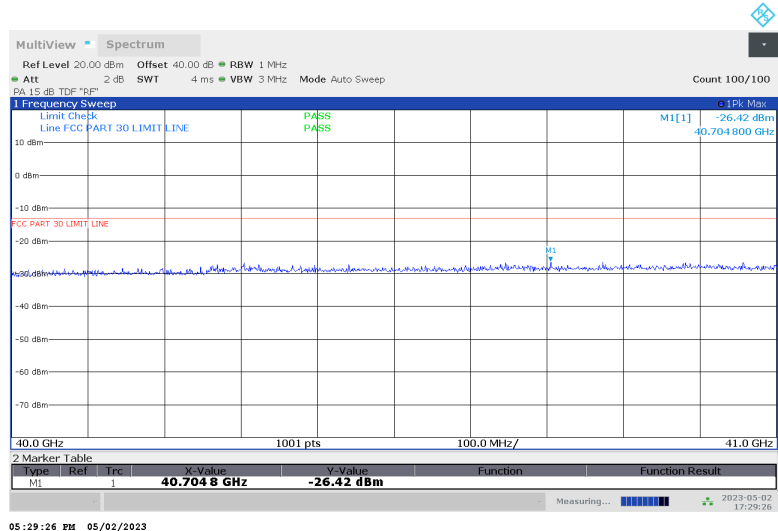


#### 40 – 41 GHz, ANT M2, 1CC (Pre-scan using Pk Det.) Vertical

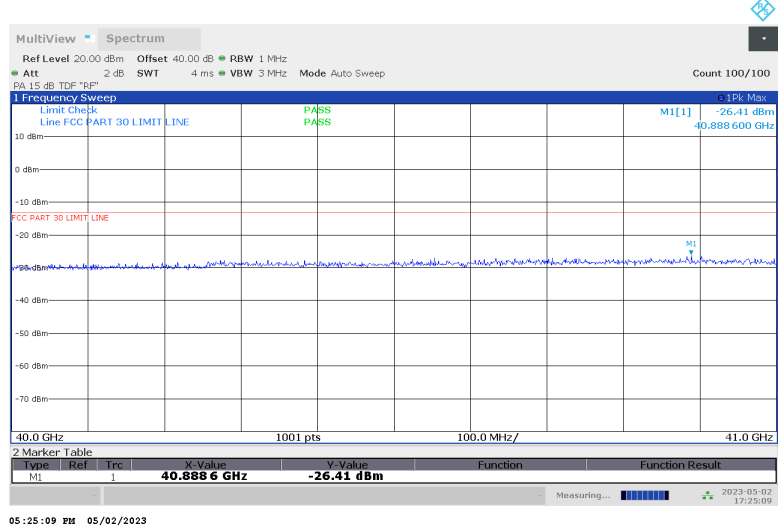


Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

### 40 – 41 GHz, ANT M3, 1CC (Pre-scan using Pk Det.) Horizontal



### 40 – 41 GHz, ANT M3, 1CC (Pre-scan using Pk Det.) Vertical

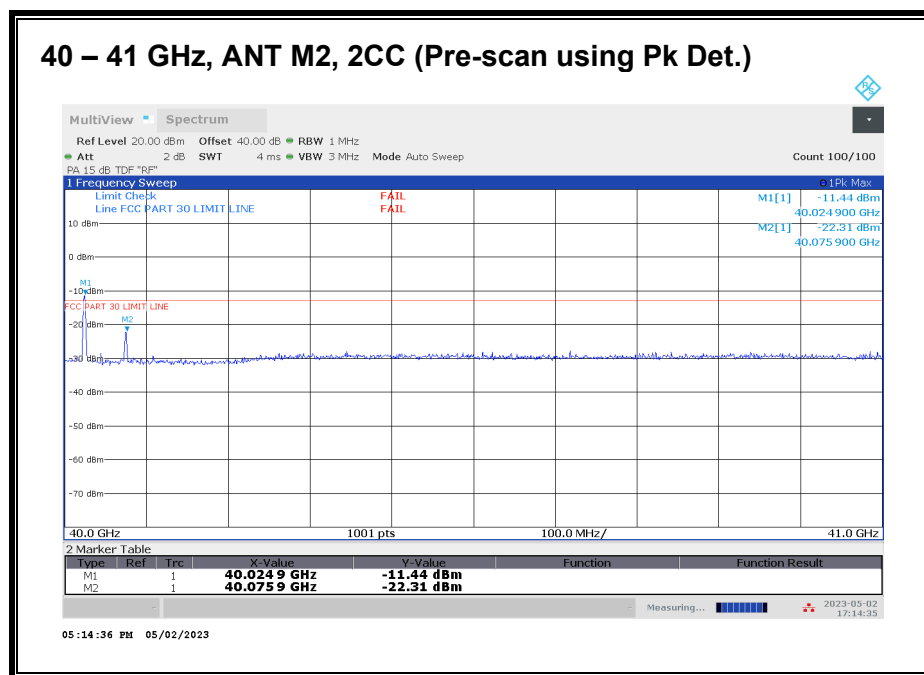


No emission detected using Peak Detection.

**40 – 41 GHz n260, 1CC**

| Antenna | Freq.  | Meas.<br>Distance | Rx Ant.<br>Polarity | Corrected<br>Avg EIRP | TRP Limit | Margin |
|---------|--------|-------------------|---------------------|-----------------------|-----------|--------|
|         | (GHz)  | (m)               | H/V                 | (dBm)                 | (dBm)     | (dB)   |
| M2      | 40.390 | 3                 | H                   | -17.83                | -13       | -4.83  |
| M2      | 40.390 | 3                 | V                   | -33.22                | -13       | -20.22 |

# **40 – 41 GHz n260, 2CC**



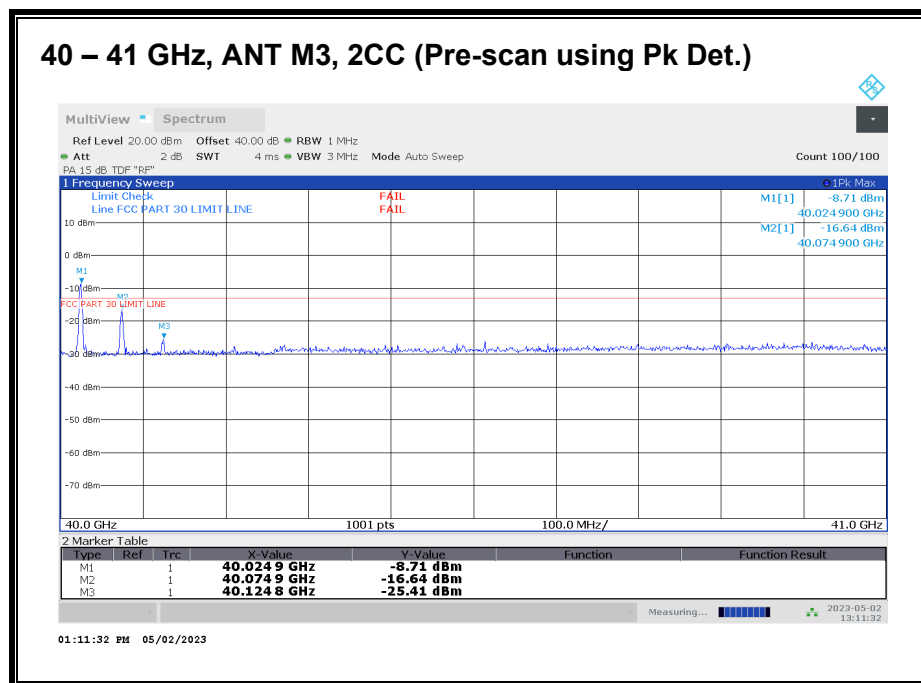
Worst case configuration:

SISO-DUAL\_QPSK\_(50 MHz + 50 MHz)\_High CH\_RB Offset 1/15 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas.    | Rx Ant.  | Corrected | TRP Limit | Margin |
|---------|--------|----------|----------|-----------|-----------|--------|
|         | (GHz)  | Distance | Polarity | Avg EIRP  | (dBm)     | (dB)   |
|         |        | (m)      | H/V      | (dBm)     |           |        |
| M2      | 40.024 | 3        | --       | -31.52    | -13       | -18.52 |



Worst case configuration:

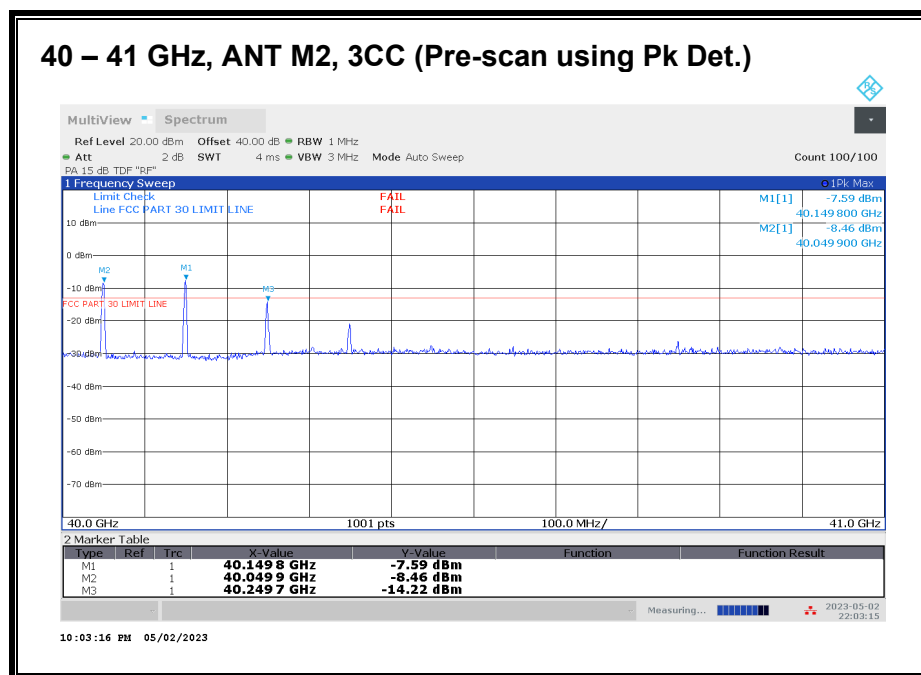
SISO-DUAL\_QPSK\_(50 MHz + 50 MHz)\_High CH\_RB Offset 1/15 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas.    | Rx Ant.  | Corrected | TRP Limit | Margin |
|---------|--------|----------|----------|-----------|-----------|--------|
|         | (GHz)  | Distance | Polarity | Avg EIRP  | (dBm)     | (dB)   |
|         |        | (m)      | H/V      | (dBm)     |           |        |
| M3      | 40.024 | 3        | --       | -21.39    | -13       | -8.39  |

# **40 – 41 GHz n260, 3CC**



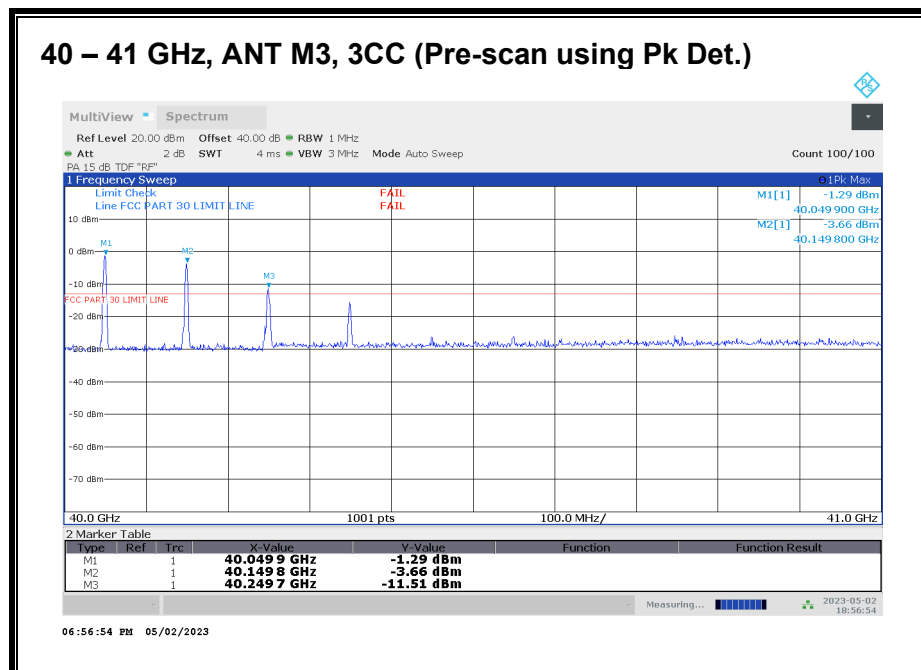
Worst case configuration:

SISO-DUAL\_QPSK\_(100 MHz + 100 MHz + 100 MHz)\_High CH\_RB Offset 1/32 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas. Distance | Rx Ant. Polarity | Corrected Avg EIRP | TRP Limit | Margin |
|---------|--------|----------------|------------------|--------------------|-----------|--------|
|         | (GHz)  | (m)            | H/V              | (dBm)              | (dBm)     | (dB)   |
| M2      | 40.049 | 3              | --               | -29.93             | -13       | -16.93 |



Worst case configuration:

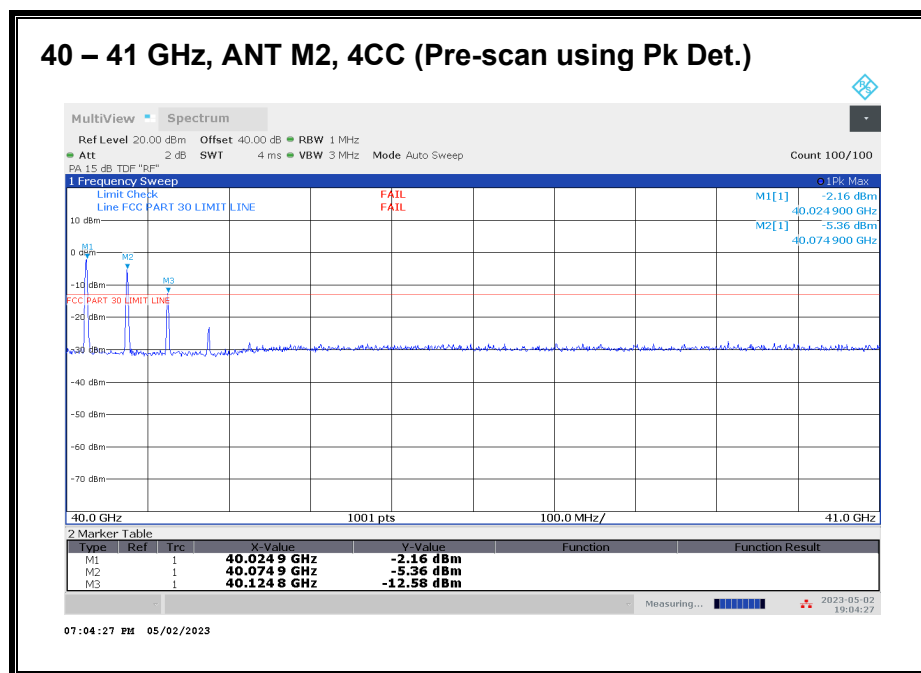
SISO-DUAL\_QPSK\_(100 MHz + 100 MHz + 100 MHz)\_High CH\_RB Offset 1/32 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas.    | Rx Ant.  | Corrected | TRP Limit | Margin |
|---------|--------|----------|----------|-----------|-----------|--------|
|         | (GHz)  | Distance | Polarity | Avg EIRP  | (dBm)     | (dB)   |
|         |        | (m)      | H/V      | (dBm)     |           |        |
| M3      | 40.049 | 3        | --       | -22.52    | -13       | -9.52  |

# **40 – 41 GHz n260, 4CC**



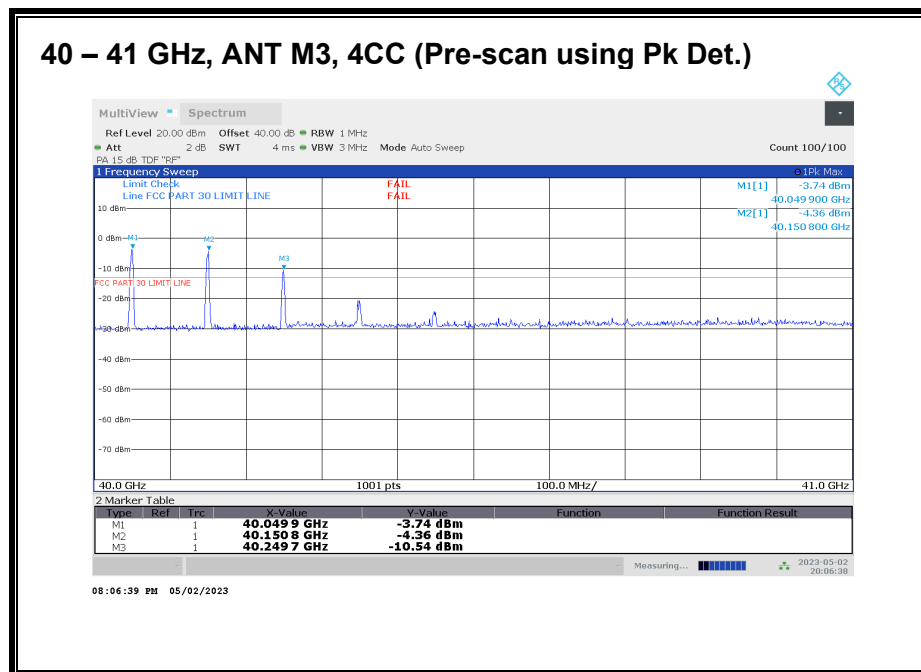
Worst case configuration:

SISO-DUAL\_QPSK\_(50 MHz + 50 MHz + 50 MHz + 50 MHz)\_High CH\_RB Offset 1/15 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and the highest emission was reported.

| Antenna | Freq.  | Meas. Distance | Rx Ant. Polarity | Corrected Avg EIRP | TRP Limit | Margin |
|---------|--------|----------------|------------------|--------------------|-----------|--------|
|         | (GHz)  | (m)            | H/V              | (dBm)              | (dBm)     | (dB)   |
| M2      | 40.024 | 3              | --               | -26.09             | -13       | -13.09 |



Worst case configuration:

SISO-DUAL\_QPSK\_(100 MHz + 100 MHz + 100 MHz + 100 MHz)\_High CH\_RB Offset 1/32 (1RB-M)

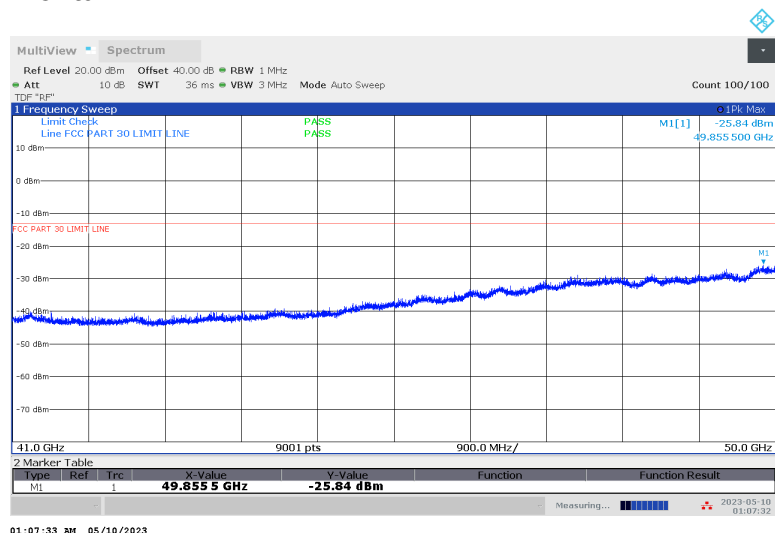
Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated and 2 highest emissions were reported.

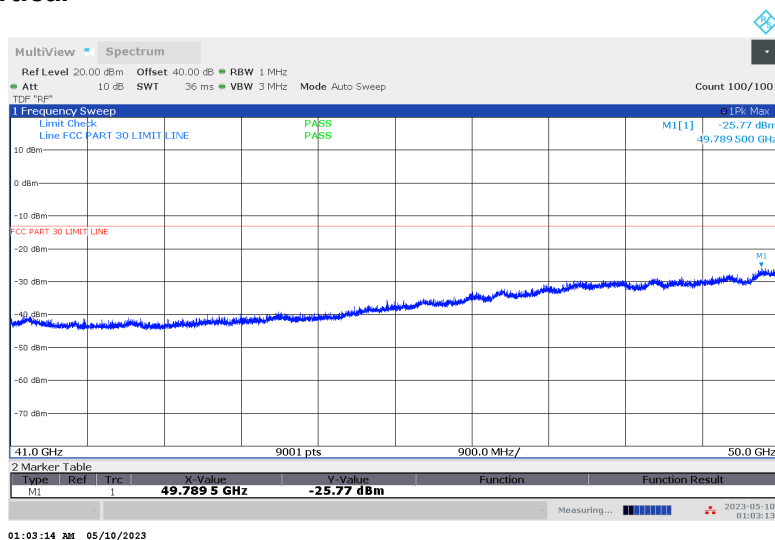
| Antenna | Freq.  | Meas.    | Rx Ant.  | Corrected | TRP Limit | Margin |
|---------|--------|----------|----------|-----------|-----------|--------|
|         | (GHz)  | Distance | Polarity | Avg EIRP  | (dBm)     | (dB)   |
|         |        | (m)      | H/V      | (dBm)     |           |        |
| M3      | 40.049 | 3        | --       | -21.47    | -13       | -8.47  |
| M3      | 40.149 | 3        | --       | -21.14    | -13       | -8.14  |

## 8.4.35. RSE n260 41 – 50 GHz

### 41 – 50 GHz, ANT M2, 1CC (Pre-scan using Pk Det.) Horizontal

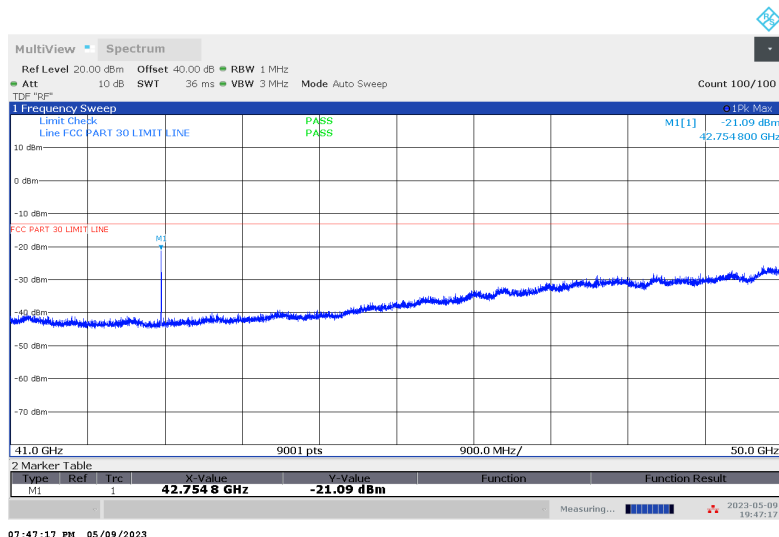


### 41 – 50 GHz, ANT M2, 1CC (Pre-scan using Pk Det.) Vertical

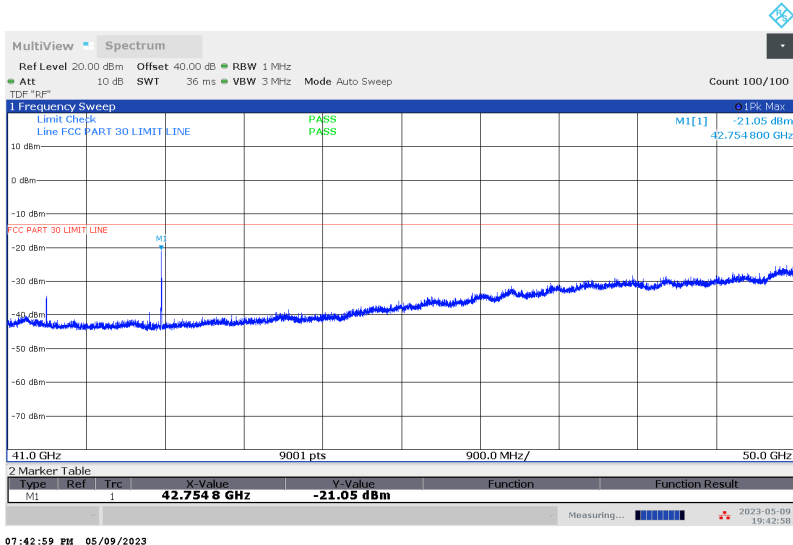


No emission detected using Peak Detection.

### 41 – 50 GHz, ANT M3, 1CC (Pre-scan using Pk Det.) Horizontal



### 41 – 50 GHz, ANT M3, 1CC (Pre-scan using Pk Det.) Vertical



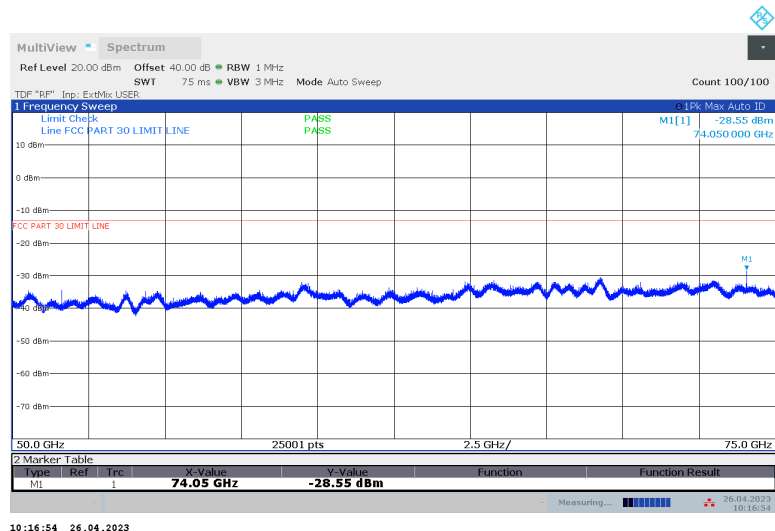
Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

**41 - 50 GHz n260, 1CC**

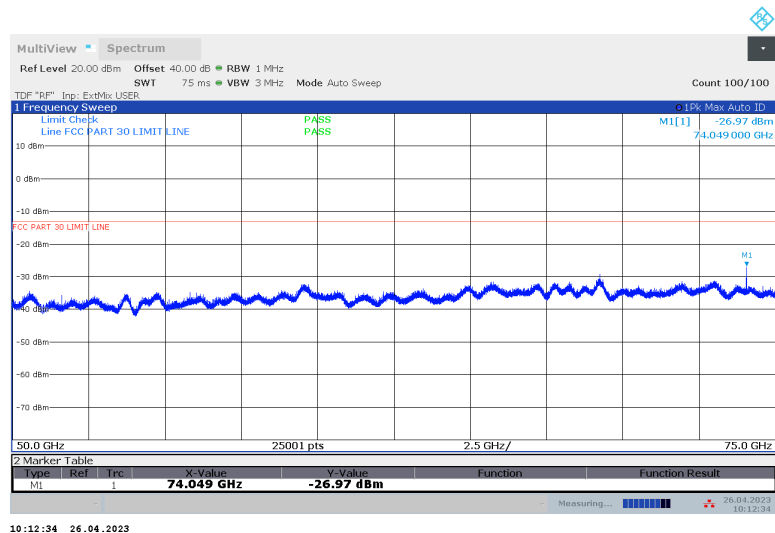
| Antenna | Freq.  | Meas.<br>Distance | Rx Ant.<br>Polarity | Corrected<br>Avg EIRP | TRP Limit | Margin |
|---------|--------|-------------------|---------------------|-----------------------|-----------|--------|
|         | (GHz)  | (m)               | H/V                 | (dBm)                 | (dBm)     | (dB)   |
| M3      | 42.755 | 3                 | H                   | -27.89                | -13       | -14.89 |
| M3      | 42.755 | 3                 | V                   | -21.98                | -13       | -8.98  |

### 8.4.36. RSE n260 50 - 75 GHz

#### 50 - 75 GHz, ANT M2 (Pre-scan using Pk Det.) Horizontal

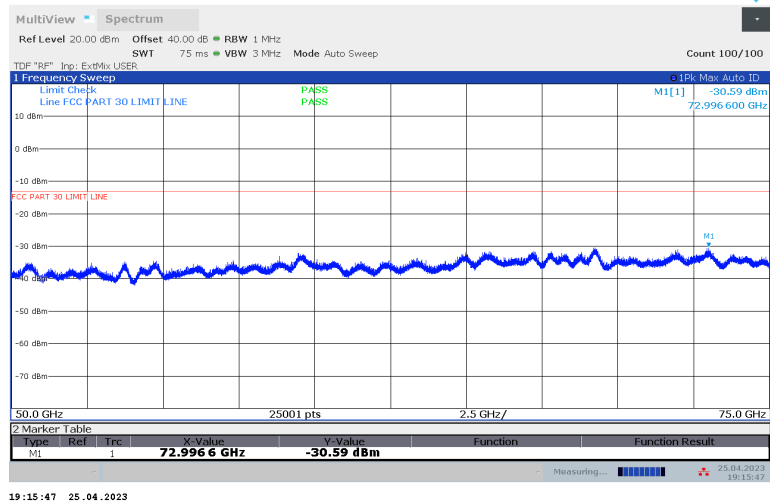


#### 50 - 75 GHz, ANT M2 (Pre-scan using Pk Det.) Vertical

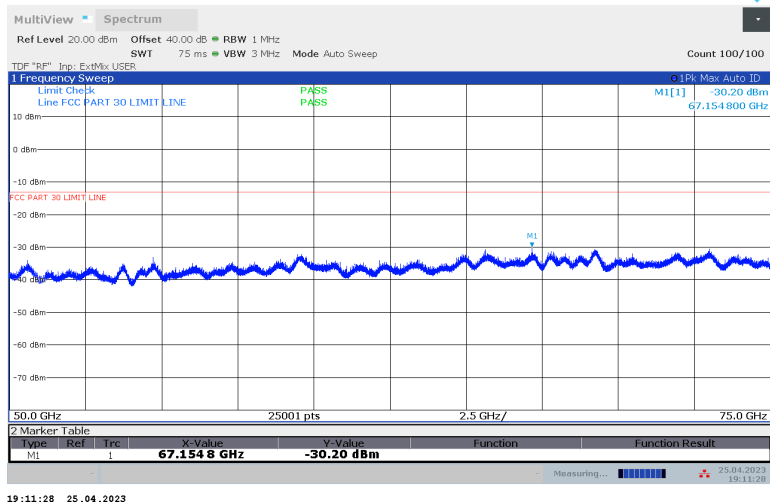


Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

### 50 - 75 GHz, ANT M3 (Pre-scan using Pk Det.) Horizontal



### 50 - 75 GHz, ANT M3 (Pre-scan using Pk Det.) Vertical



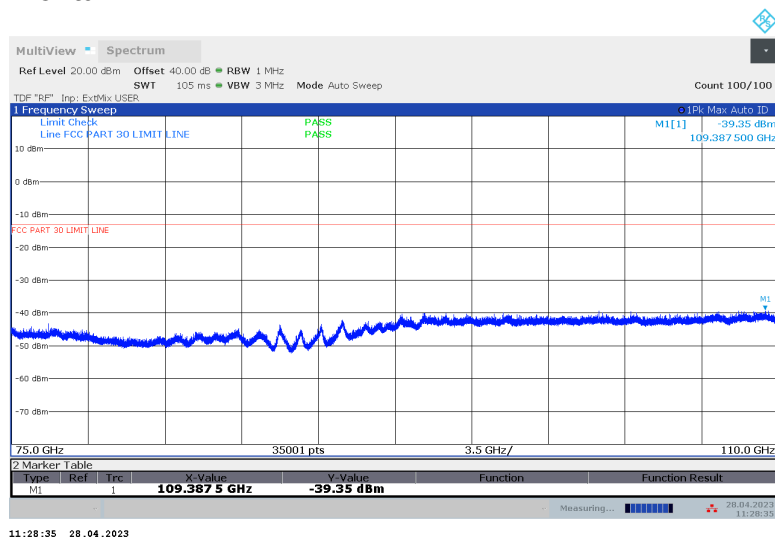
No emission detected using Peak Detection.

**50 - 75 GHz n260, 1CC**

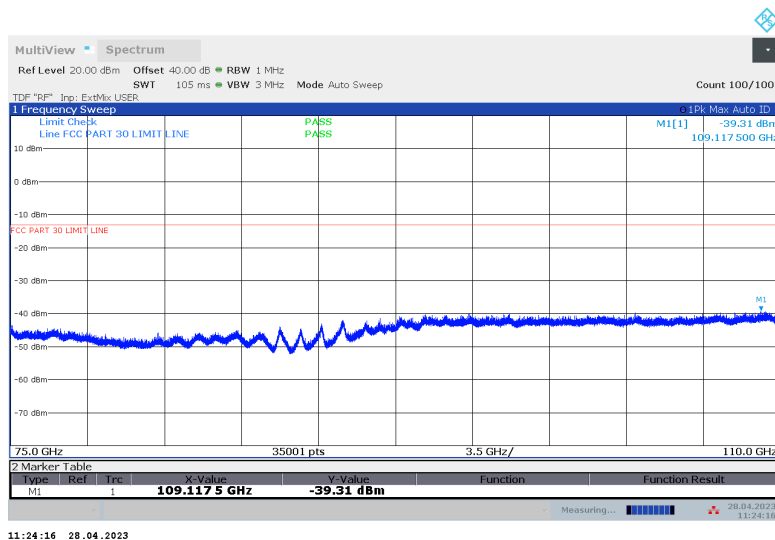
| Antenna | Freq.  | Meas.<br>Distance | Rx Ant.<br>Polarity | Corrected<br>Avg EIRP | TRP Limit | Margin |
|---------|--------|-------------------|---------------------|-----------------------|-----------|--------|
|         | (GHz)  | (m)               | H/V                 | (dBm)                 | (dBm)     | (dB)   |
| M2      | 74.049 | 1.5               | H                   | -41.44                | -13       | -28.44 |
| M2      | 74.049 | 1.5               | V                   | -37.09                | -13       | -24.09 |

### 8.4.37. RSE n260 75 - 110 GHz

#### 75 - 110 GHz, ANT M2 (Pre-scan using Pk Det.) Horizontal

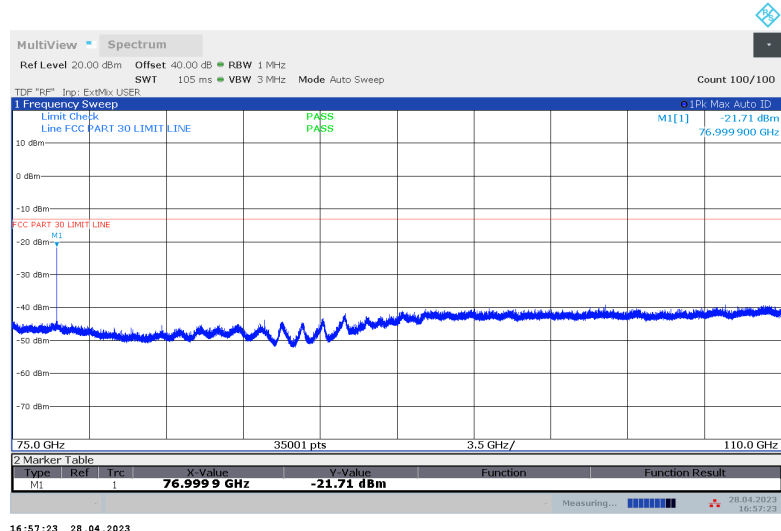


#### 75 - 110 GHz, ANT M2 (Pre-scan using Pk Det.) Vertical

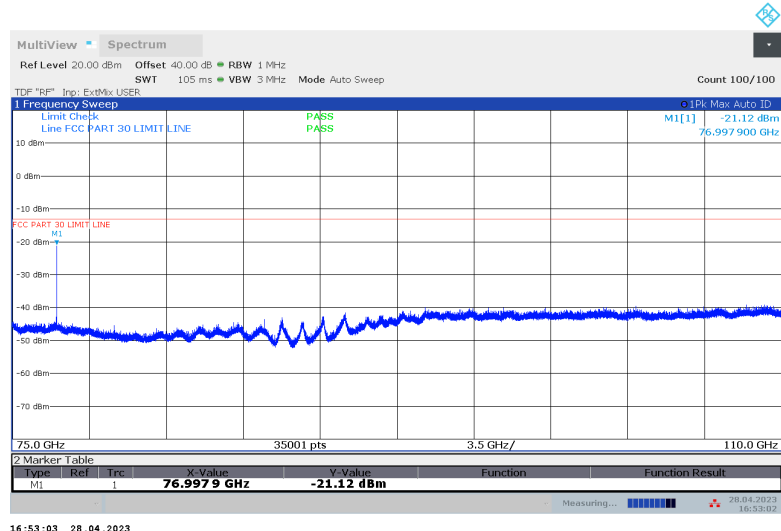


No emission detected using Peak Detection.

## 75 - 110 GHz, ANT M3 (Pre-scan using Pk Det.) Horizontal



## 75 - 110 GHz, ANT M3 (Pre-scan using Pk Det.) Vertical



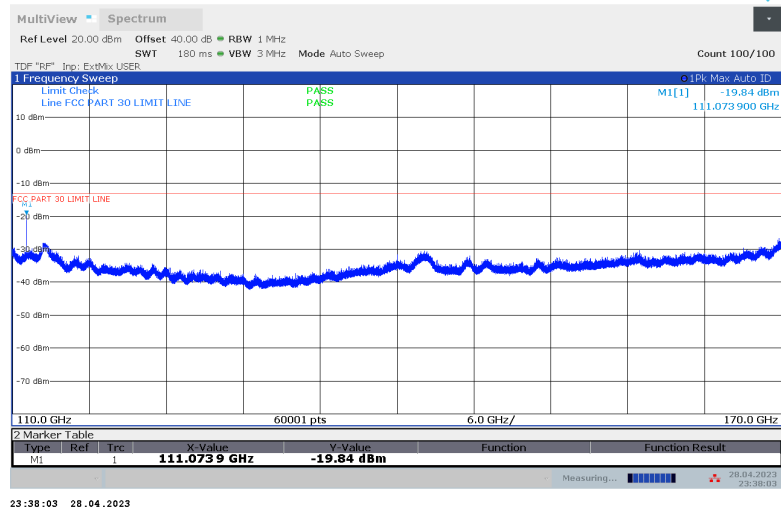
Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

**75 - 110 GHz n260, 1CC**

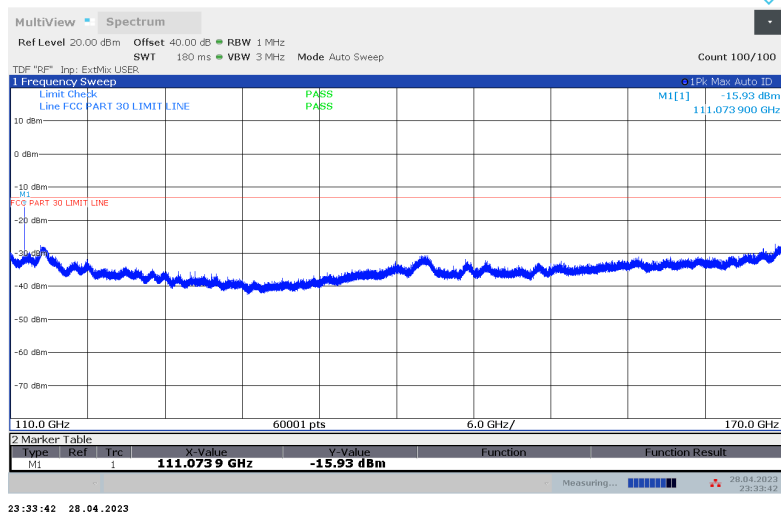
| Antenna | Freq.  | Meas.<br>Distance | Rx Ant.<br>Polarity | Corrected<br>Avg EIRP | TRP Limit | Margin |
|---------|--------|-------------------|---------------------|-----------------------|-----------|--------|
|         | (GHz)  | (m)               | H/V                 | (dBm)                 | (dBm)     | (dB)   |
| M3      | 76.999 | 1                 | H                   | -24.31                | -13       | -11.31 |
| M3      | 76.999 | 1                 | V                   | -41.47                | -13       | -28.47 |

### 8.4.38. RSE n260 110 - 170 GHz

#### 110 - 170 GHz, ANT M2 (Pre-scan using Pk Det.) Horizontal



#### 110 - 170 GHz, ANT M2 (Pre-scan using Pk Det.) Vertical



Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.