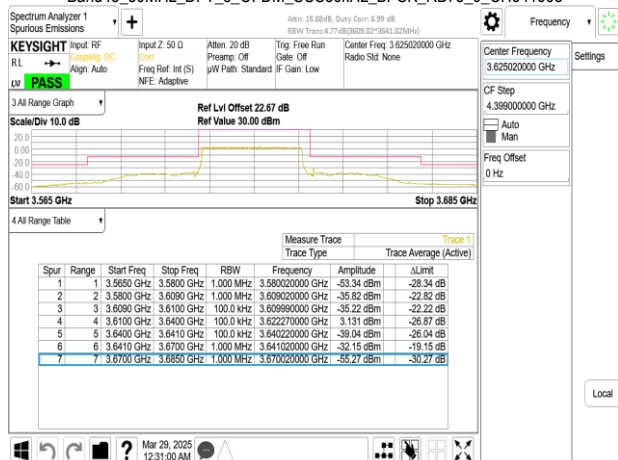
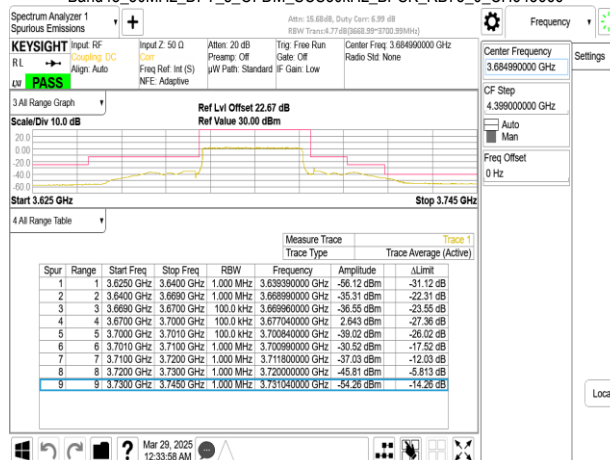


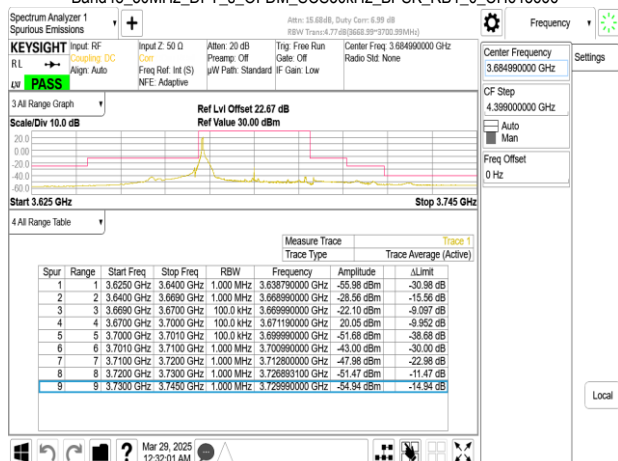
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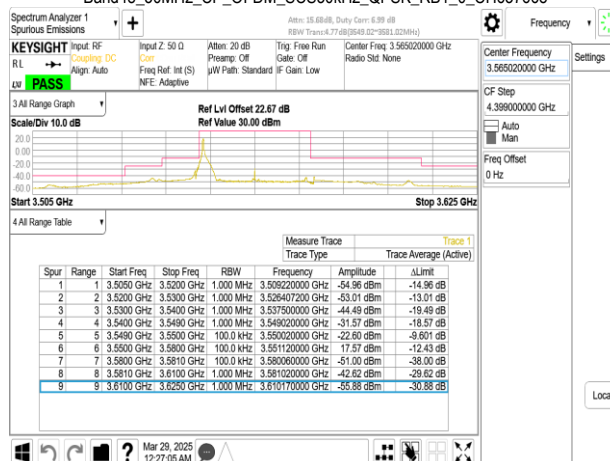
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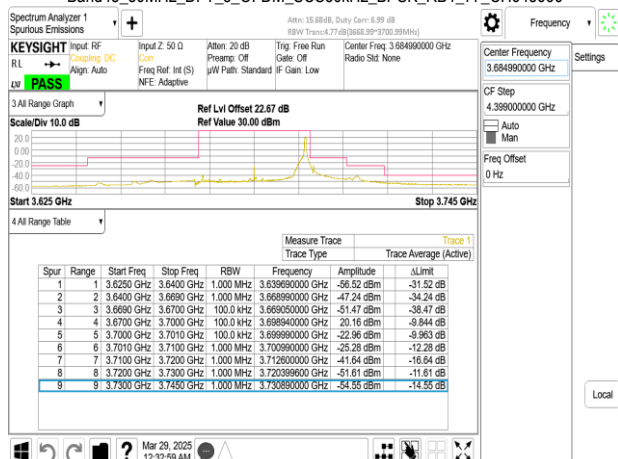
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Band48\_30MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB1\_0\_CH637668



Band48\_30MHz\_DFT\_s\_OFDM\_SCS30kHz\_BPSK\_RB1\_77\_CH645666



Band48\_30MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB78\_0\_CH637668

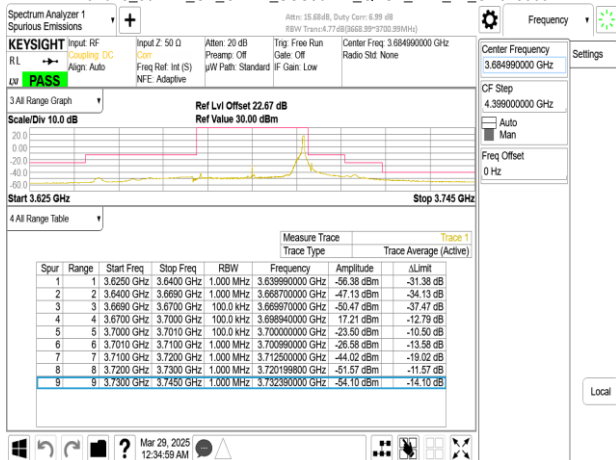


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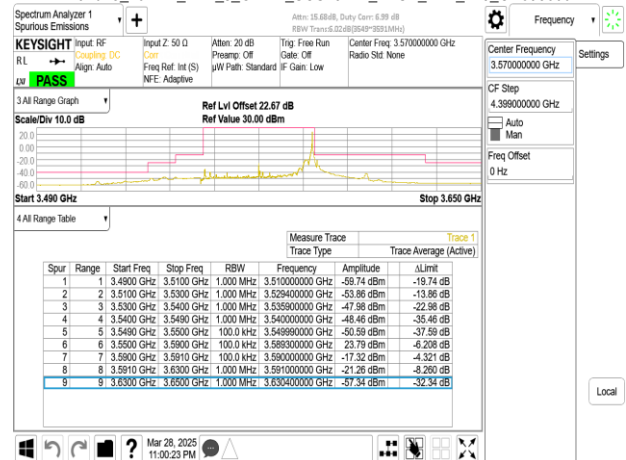
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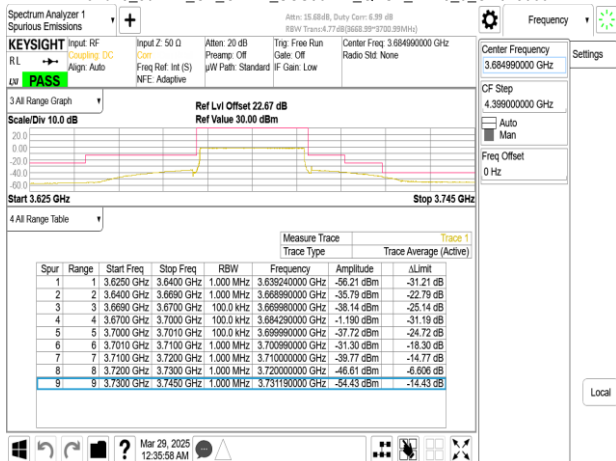
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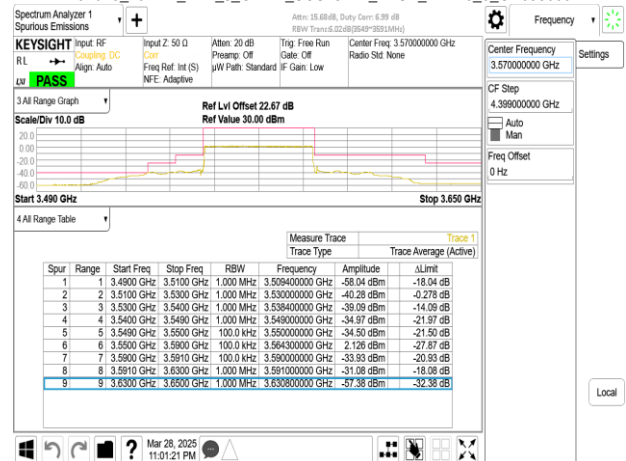
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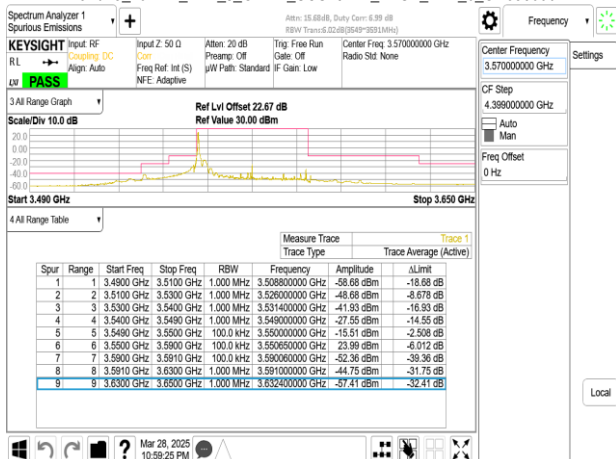
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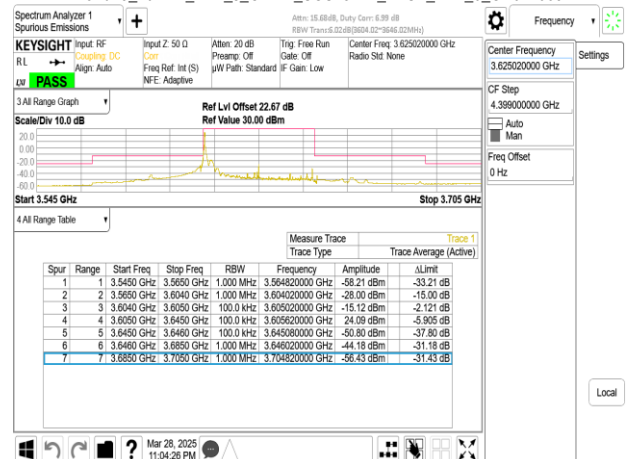
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Band48\_40MHz\_DFT\_s\_OFDM\_SCS15kHz\_BPSK\_RB1\_0\_CH638000



Band48\_40MHz\_DFT\_s\_OFDM\_SCS15kHz\_BPSK\_RB1\_0\_CH641668

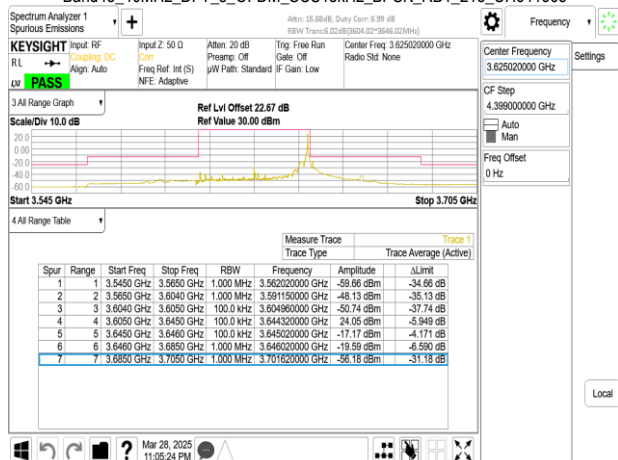


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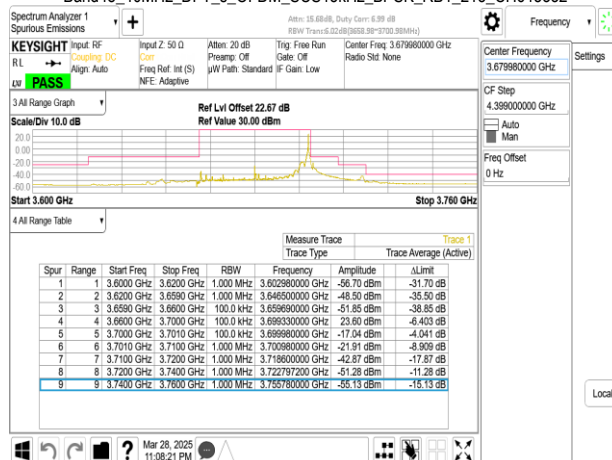
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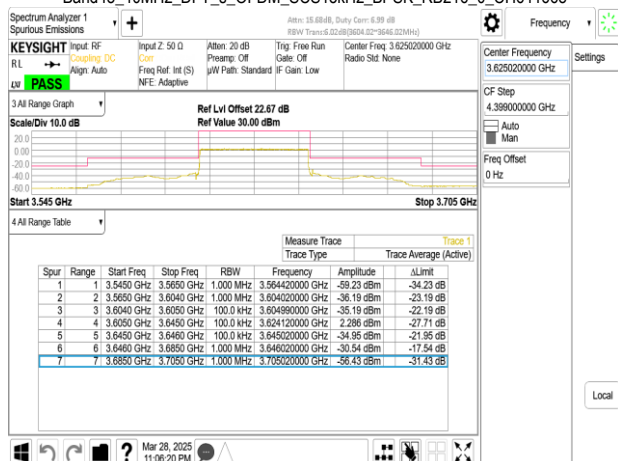
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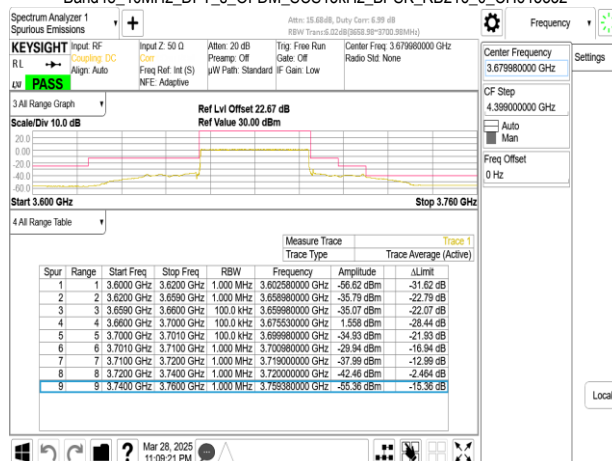
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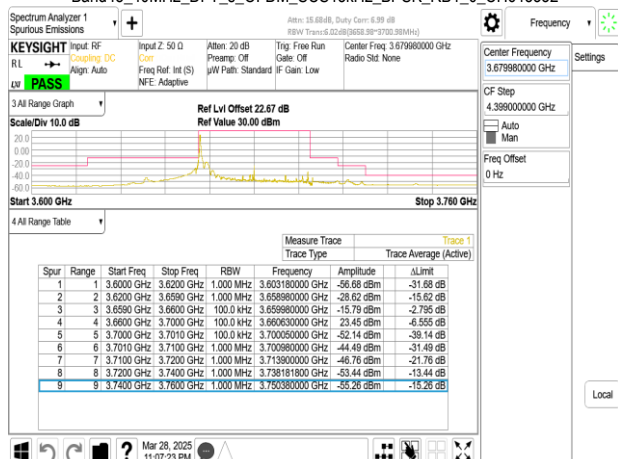
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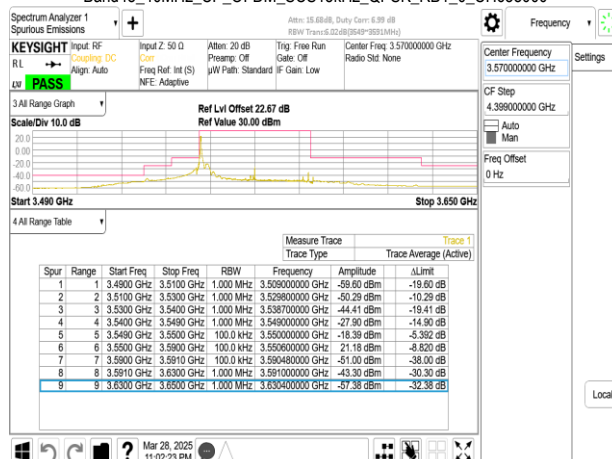
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Band48\_40MHz\_DFT\_s\_OFDM\_SCS15kHz\_BPSK\_RB1\_0\_CH645332



Band48\_40MHz\_CP\_OFDM\_SCS15kHz\_QPSK\_RB1\_0\_CH638000

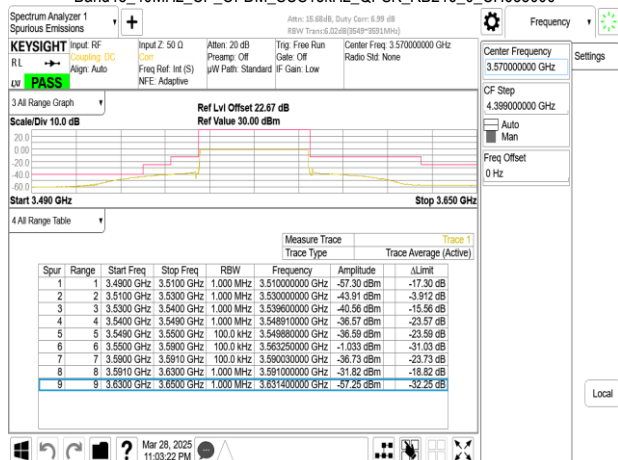


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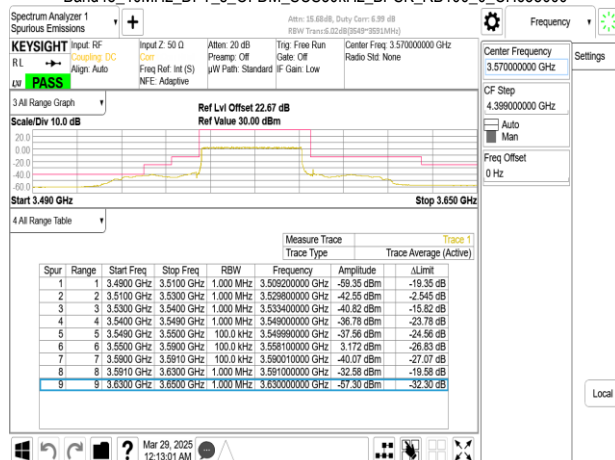
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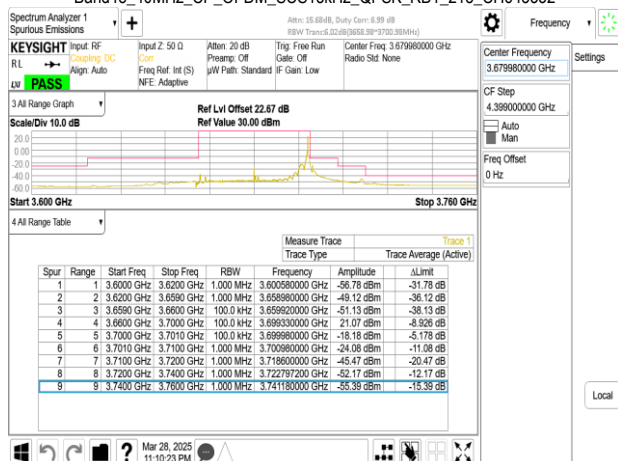
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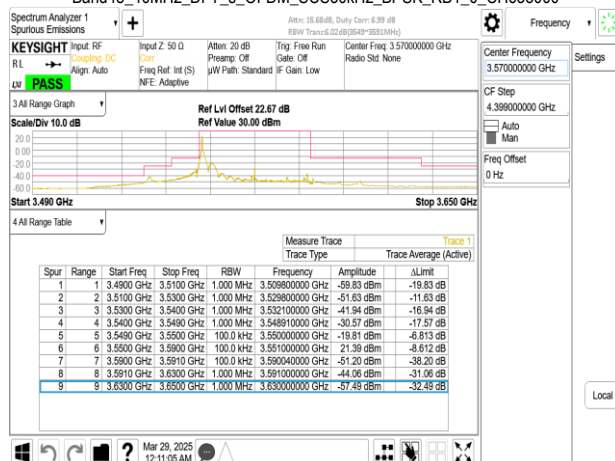
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Band48\_40MHz\_CP\_OFDM\_SCS15kHz\_QPSK\_RB1\_215\_CH645332



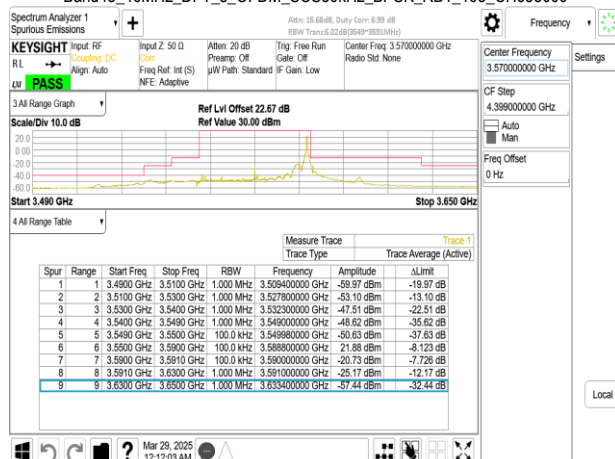
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Band48\_40MHz\_CP\_OFDM\_SCS15kHz\_QPSK\_RB216\_0\_CH645332



Band48\_40MHz\_DFT\_s\_OFDM\_SCS30kHz\_BPSK\_RB1\_105\_CH638000

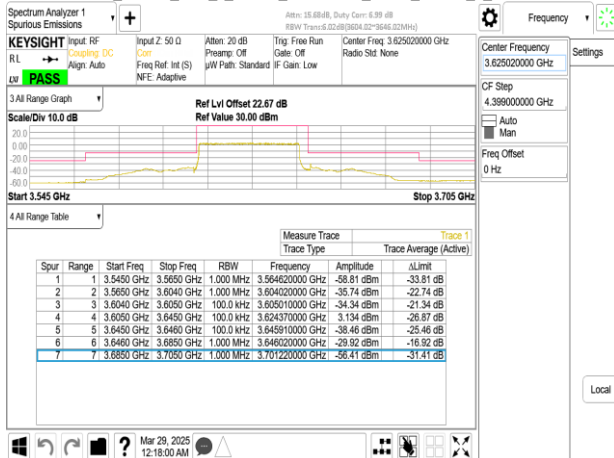


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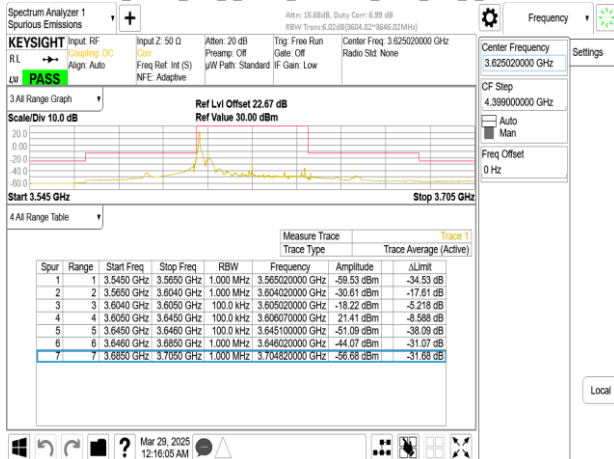
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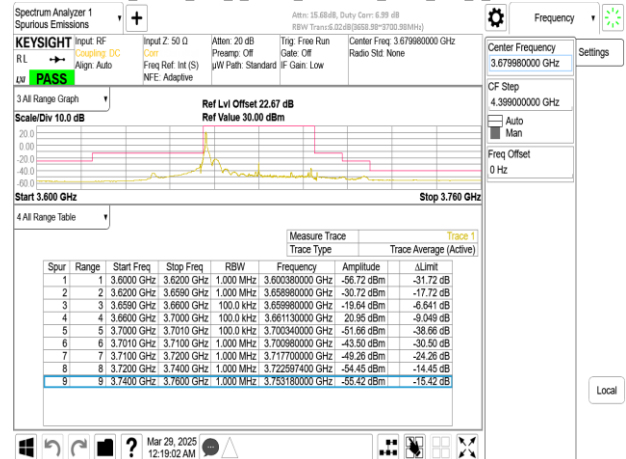
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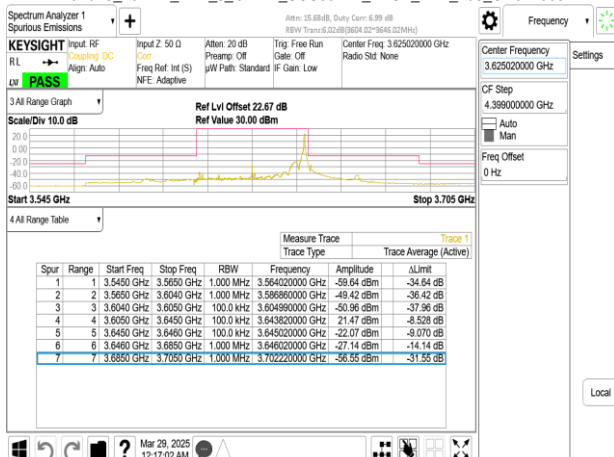
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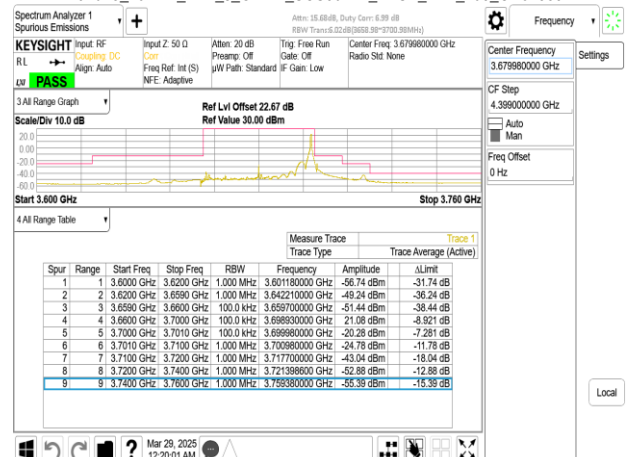
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Band48\_40MHz\_DFT\_s\_OFDM\_SCS30kHz\_BPSK\_RB1\_105\_CH641668



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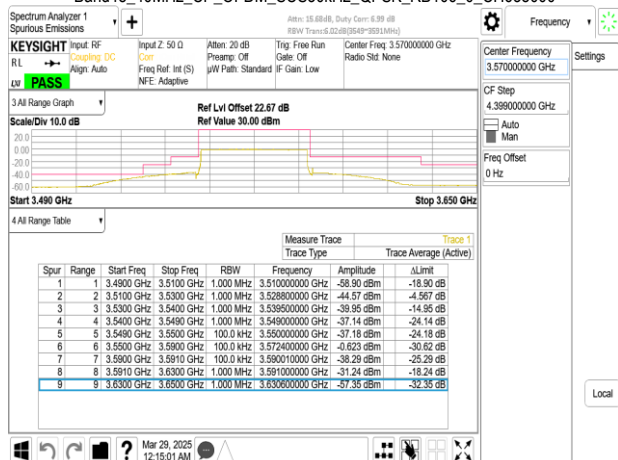


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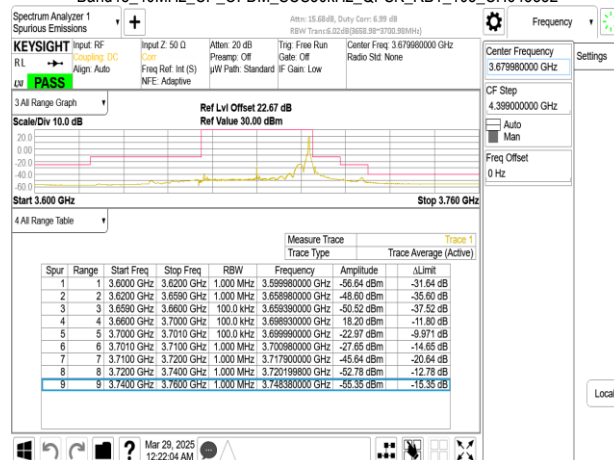
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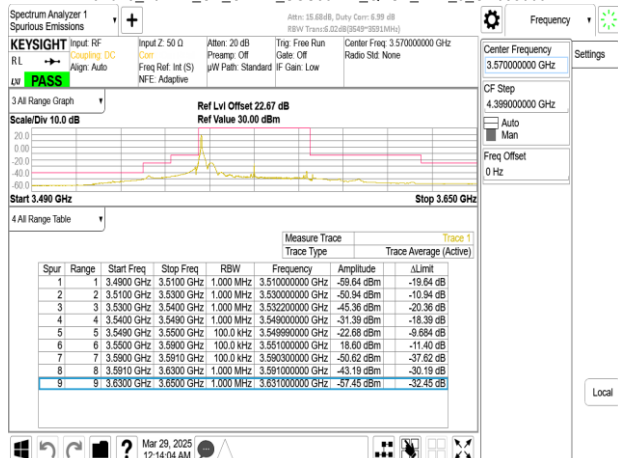
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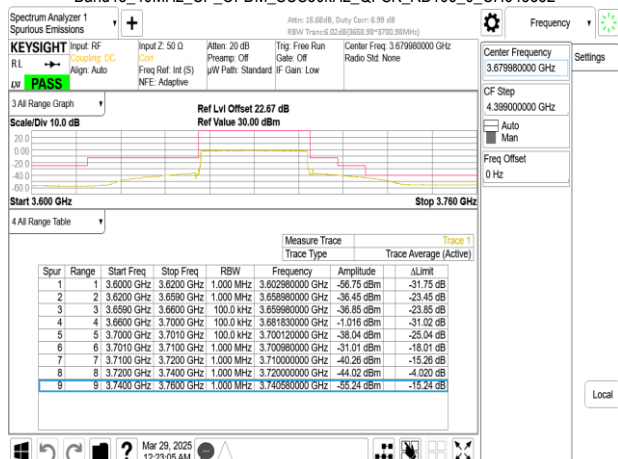
Band48\_40MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB1\_105\_CH645332



Band48\_40MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB1\_0\_CH638000



Band48\_40MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB106\_0\_CH645332



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## 11 FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

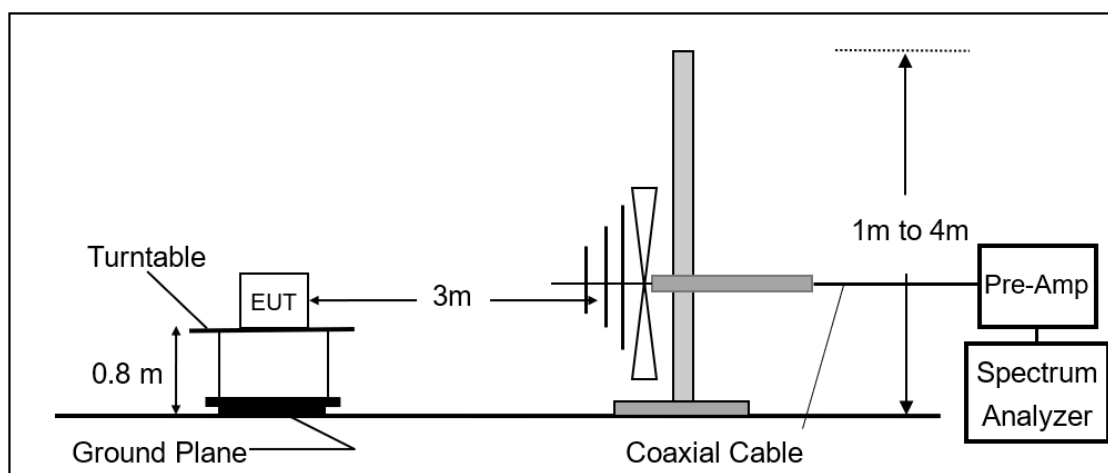
### 11.1 Standard Applicable

FCC Part 2.1053, Part 96.41, C63.26 Clause 5.7

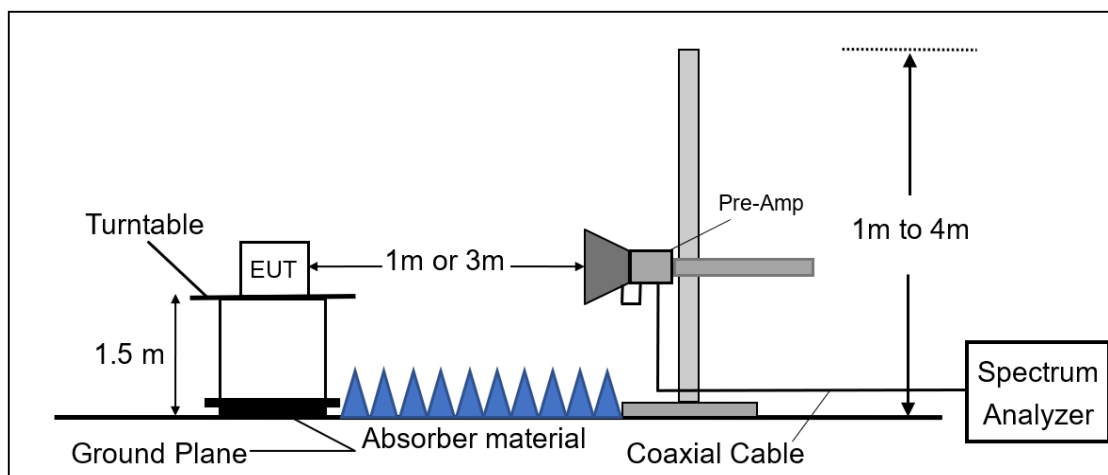
1. within 0 MHz to 10 MHz above and below the **assigned channel**  $\leq -13$  dBm/MHz
2. greater than 10 MHz above and below the **assigned channel**  $\leq -25$  dBm/MHz
3. any emission below 3530 MHz and above 3720 MHz  $\leq -40$  dBm/MHz

### 11.2 EUT Setup

Radiated Emission Test Set-Up, Frequency From 30MHz to 1000MHz.



Radiated Emission Test Set-Up, Frequency Above 1GHz.



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### 11.3 Measurement Procedure:

The EUT was placed on a non-conductive; the measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

The frequency range up to tenth harmonic was investigated for each of three fundamental frequencies (low, middle and high channels). Once spurious emission was identified, the power of the emission was determined using the substitution method.

The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency.

ERP (dBm) = SG Level(dBm) + Antenna Gain(dBd) + Cable Loss(dB)

EIRP (dBm) = SG Level(dBm) + Antenna Gain(dBi) + Cable Loss(dB)

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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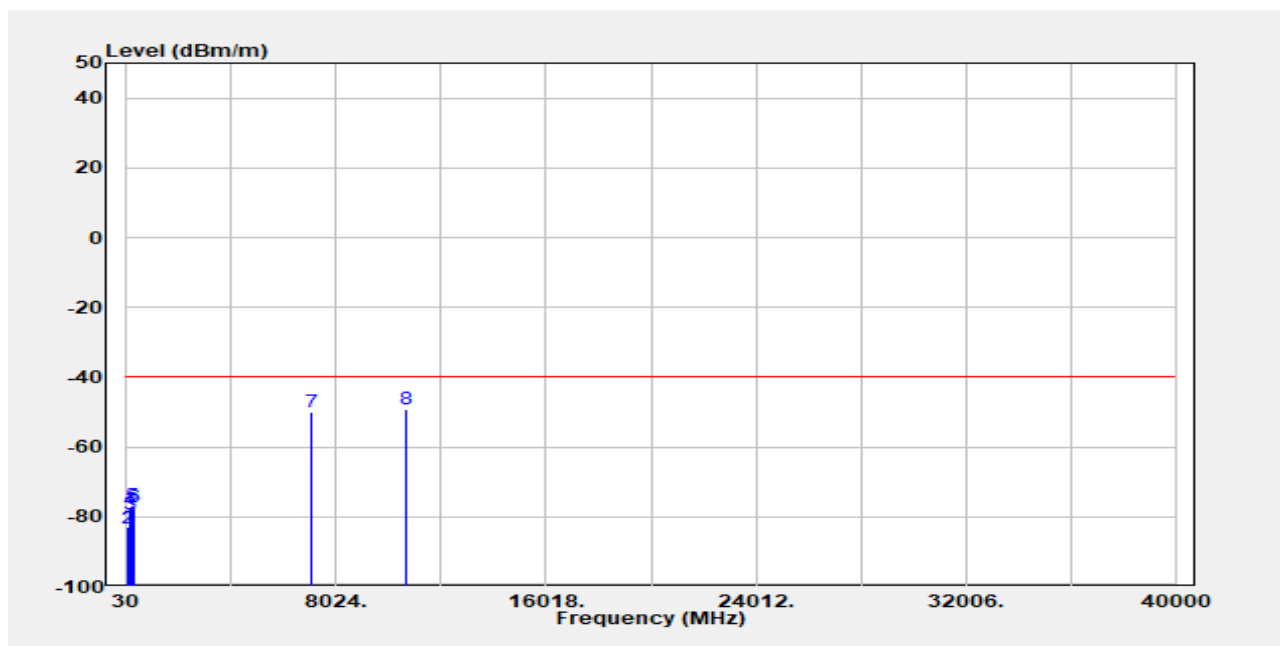
Member of SGS Group

## 11.4 Measurement Result:

## Mode: LTE

Report Number :TERF2501000196ER  
 Operation Mode :LTE B48\_P96  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :3552.5 MHz

Test Site :SAC 3  
 Test Date :2025-03-18  
 Temp./Humi. :19.3°C/46%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



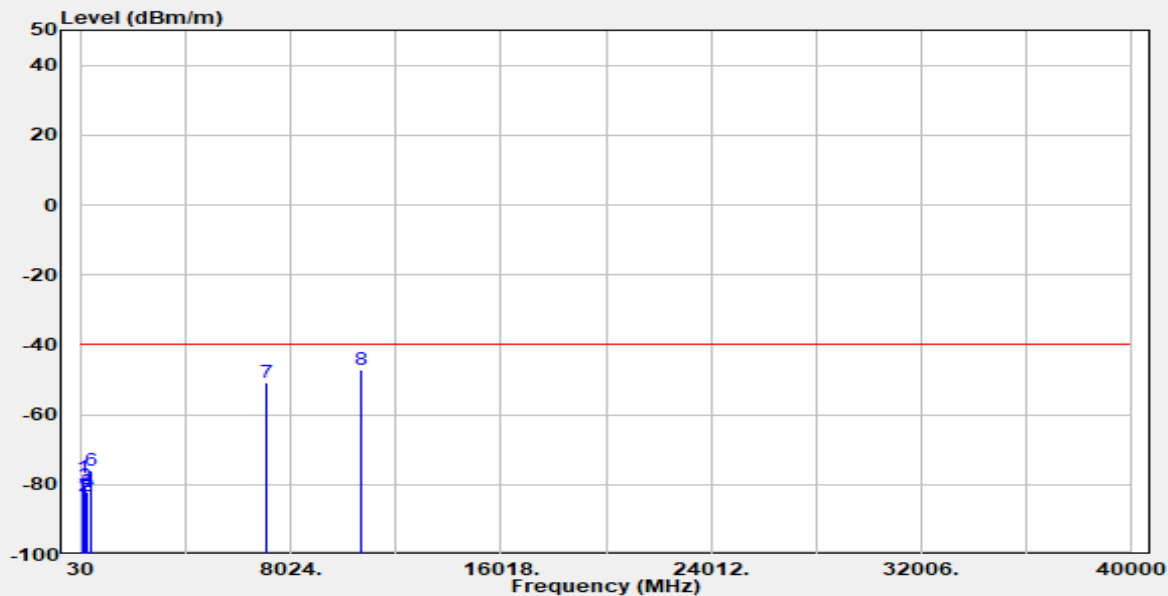
| Freq.<br>MHz | EIRP/ERP<br>dBm | SG<br>Output Level<br>dBm | Antenna<br>Gain<br>dBi/dBd | Cable<br>Loss<br>dB | Limit<br>dBm | Margin<br>dB |
|--------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 49.42        | -82.86          | -69.47                    | -12.10                     | -1.29               | -40.00       | -42.86       |
| 80.49        | -83.42          | -78.87                    | -2.91                      | -1.64               | -40.00       | -43.42       |
| 136.81       | -79.39          | -75.55                    | -1.70                      | -2.14               | -40.00       | -39.39       |
| 179.53       | -78.05          | -76.77                    | 1.17                       | -2.45               | -40.00       | -38.05       |
| 231.96       | -76.98          | -78.63                    | 4.43                       | -2.78               | -40.00       | -36.98       |
| 280.51       | -77.11          | -77.77                    | 3.72                       | -3.06               | -40.00       | -37.11       |
| 7105.00      | -50.07          | -45.17                    | 11.10                      | -15.99              | -40.00       | -10.07       |
| 10657.50     | -49.07          | -40.69                    | 11.32                      | -19.69              | -40.00       | -9.07        |

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Report Number :TERF2501000196ER  
 Operation Mode :LTE B48\_P96  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :3552.5 MHz

Test Site :SAC 3  
 Test Date :2025-03-18  
 Temp./Humi. :19.3°C/46%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



| Freq.<br>MHz | EIRP/ERP<br>dBm | SG<br>Output Level<br>dBm | Antenna<br>Gain<br>dBi/dBd | Cable<br>Loss<br>dB | Limit<br>dBm | Margin<br>dB |
|--------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 56.22        | -78.14          | -65.96                    | -10.80                     | -1.37               | -40.00       | -38.14       |
| 120.30       | -83.14          | -79.61                    | -1.52                      | -2.01               | -40.00       | -43.14       |
| 166.91       | -80.31          | -77.47                    | -0.47                      | -2.37               | -40.00       | -40.31       |
| 200.89       | -81.96          | -83.12                    | 3.76                       | -2.60               | -40.00       | -41.96       |
| 264.00       | -82.07          | -83.26                    | 4.17                       | -2.98               | -40.00       | -42.07       |
| 392.17       | -76.17          | -76.47                    | 3.90                       | -3.61               | -40.00       | -36.17       |
| 7105.00      | -50.80          | -45.90                    | 11.10                      | -15.99              | -40.00       | -10.80       |
| 10657.50     | -47.16          | -38.78                    | 11.32                      | -19.69              | -40.00       | -7.16        |

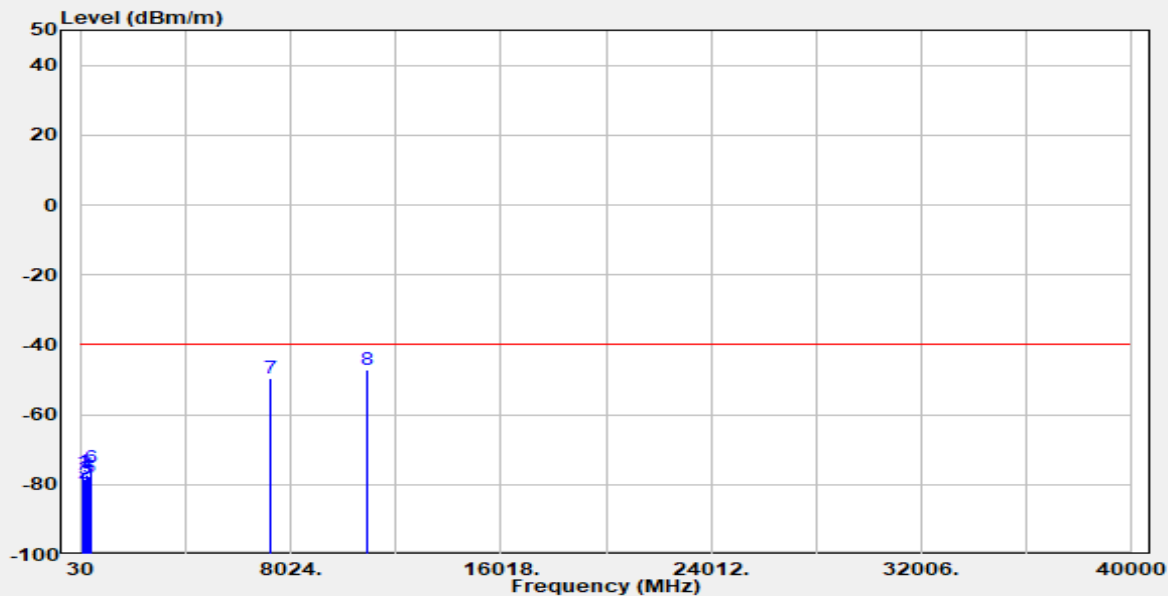
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Report Number :TERF2501000196ER  
Operation Mode :LTE B48\_P96  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :3625 MHz

Test Site :SAC 3  
Test Date :2025-03-18  
Temp./Humi. :19.3°C/46%  
Antenna Pol. :Vertical  
Engineer :Nick Lin



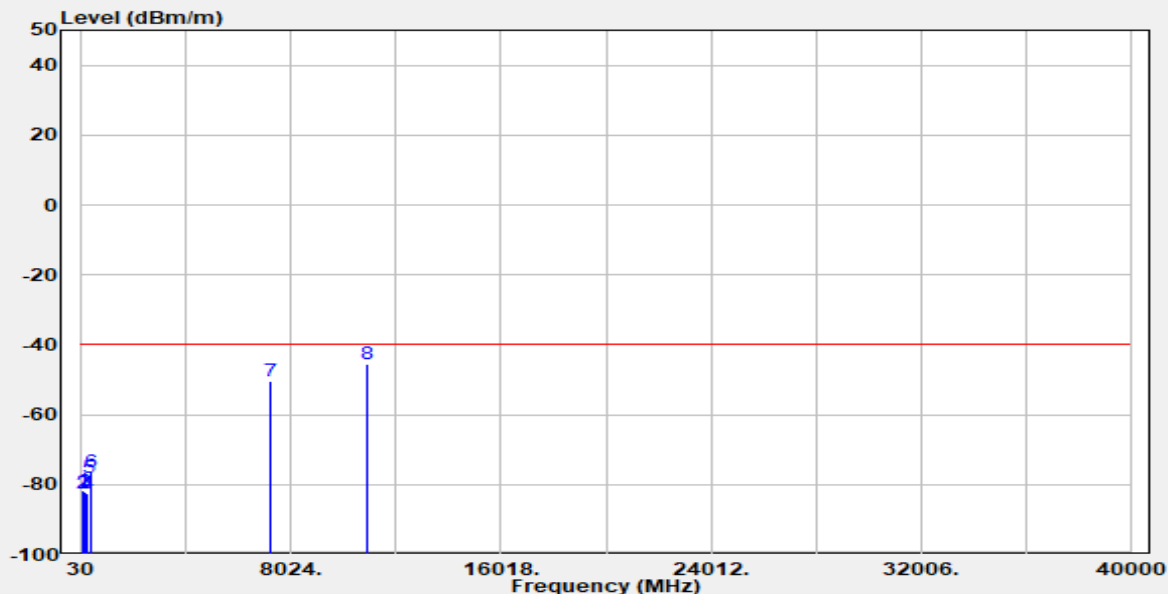
| Freq.    | EIRP/ERP | SG                  | Antenna         | Cable      | Limit  | Margin |
|----------|----------|---------------------|-----------------|------------|--------|--------|
| MHz      | dBm      | Output Level<br>dBm | Gain<br>dBi/dBd | Loss<br>dB | dBm    | dB     |
| 82.43    | -76.36   | -72.39              | -2.31           | -1.66      | -40.00 | -36.36 |
| 132.92   | -79.49   | -75.73              | -1.65           | -2.11      | -40.00 | -39.49 |
| 178.56   | -78.62   | -77.26              | 1.07            | -2.44      | -40.00 | -38.62 |
| 230.99   | -77.12   | -78.91              | 4.57            | -2.78      | -40.00 | -37.12 |
| 278.57   | -78.05   | -78.70              | 3.71            | -3.05      | -40.00 | -38.05 |
| 395.09   | -75.29   | -75.58              | 3.91            | -3.63      | -40.00 | -35.29 |
| 7250.00  | -49.63   | -44.38              | 10.90           | -16.15     | -40.00 | -9.63  |
| 10875.00 | -47.28   | -38.49              | 11.15           | -19.94     | -40.00 | -7.28  |

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Report Number :TERF2501000196ER  
 Operation Mode :LTE B48\_P96  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :3625 MHz

Test Site :SAC 3  
 Test Date :2025-03-18  
 Temp./Humi. :19.3°C/46%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



| Freq.    | EIRP/ERP | SG                  | Antenna         | Cable      | Limit  | Margin |
|----------|----------|---------------------|-----------------|------------|--------|--------|
| MHz      | dBm      | Output Level<br>dBm | Gain<br>dBi/dBd | Loss<br>dB | dBm    | dB     |
| 87.29    | -81.76   | -78.85              | -1.20           | -1.71      | -40.00 | -41.76 |
| 117.39   | -82.50   | -78.95              | -1.57           | -1.99      | -40.00 | -42.50 |
| 153.31   | -81.94   | -78.23              | -1.44           | -2.26      | -40.00 | -41.94 |
| 201.86   | -82.39   | -83.61              | 3.82            | -2.60      | -40.00 | -42.39 |
| 345.57   | -78.01   | -78.67              | 4.05            | -3.39      | -40.00 | -38.01 |
| 411.59   | -76.53   | -76.90              | 4.07            | -3.70      | -40.00 | -36.53 |
| 7250.00  | -50.40   | -45.15              | 10.90           | -16.15     | -40.00 | -10.40 |
| 10875.00 | -45.71   | -36.92              | 11.15           | -19.94     | -40.00 | -5.71  |

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t (886-2) 2299-3279

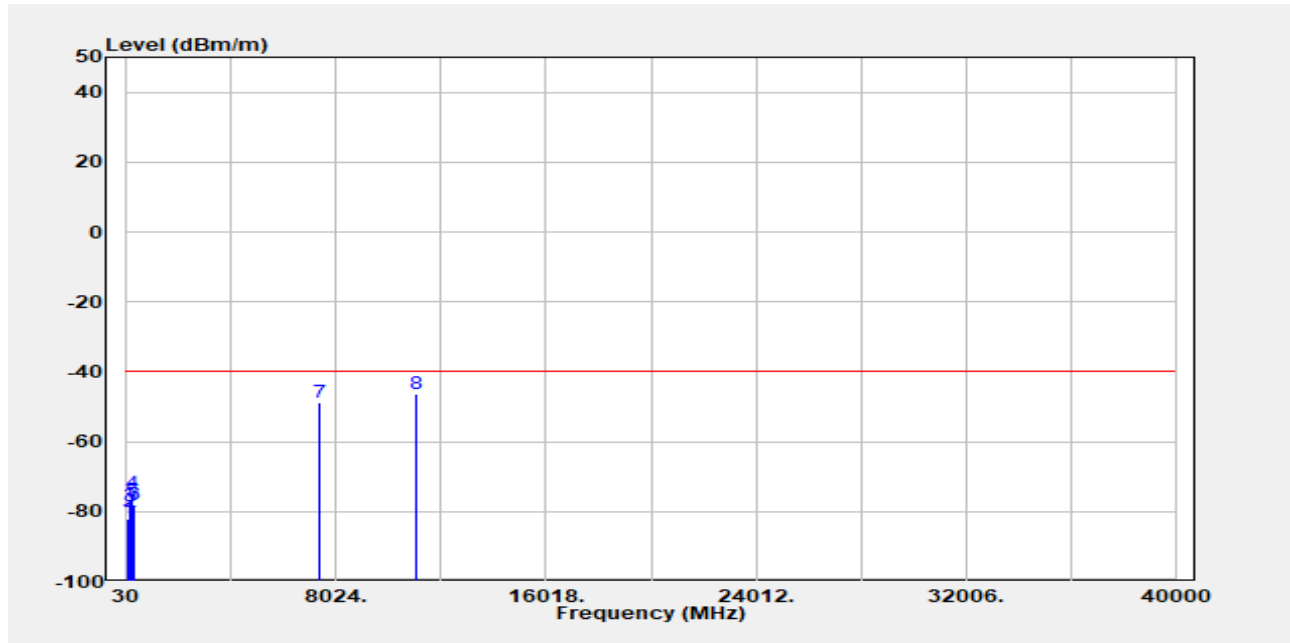
f (886-2) 2298-0488

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Report Number :TERF2501000196ER  
 Operation Mode :LTE B48\_P96  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :3697.5 MHz

Test Site :SAC 3  
 Test Date :2025-03-18  
 Temp./Humi. :19.3°C/46%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



| Freq.    | EIRP/ERP | SG                  | Antenna         | Cable      | Limit  | Margin |
|----------|----------|---------------------|-----------------|------------|--------|--------|
| MHz      | dBm      | Output Level<br>dBm | Gain<br>dBi/dBd | Loss<br>dB | dBm    | dB     |
| 45.54    | -82.29   | -68.44              | -12.61          | -1.24      | -40.00 | -42.29 |
| 126.13   | -79.92   | -76.16              | -1.70           | -2.06      | -40.00 | -39.92 |
| 179.53   | -78.62   | -77.34              | 1.17            | -2.45      | -40.00 | -38.62 |
| 202.83   | -74.73   | -76.00              | 3.88            | -2.61      | -40.00 | -34.73 |
| 229.05   | -76.69   | -78.70              | 4.77            | -2.76      | -40.00 | -36.69 |
| 283.42   | -77.88   | -78.50              | 3.69            | -3.08      | -40.00 | -37.88 |
| 7395.00  | -48.71   | -43.46              | 11.08           | -16.33     | -40.00 | -8.71  |
| 11092.50 | -46.40   | -37.72              | 11.45           | -20.14     | -40.00 | -6.40  |

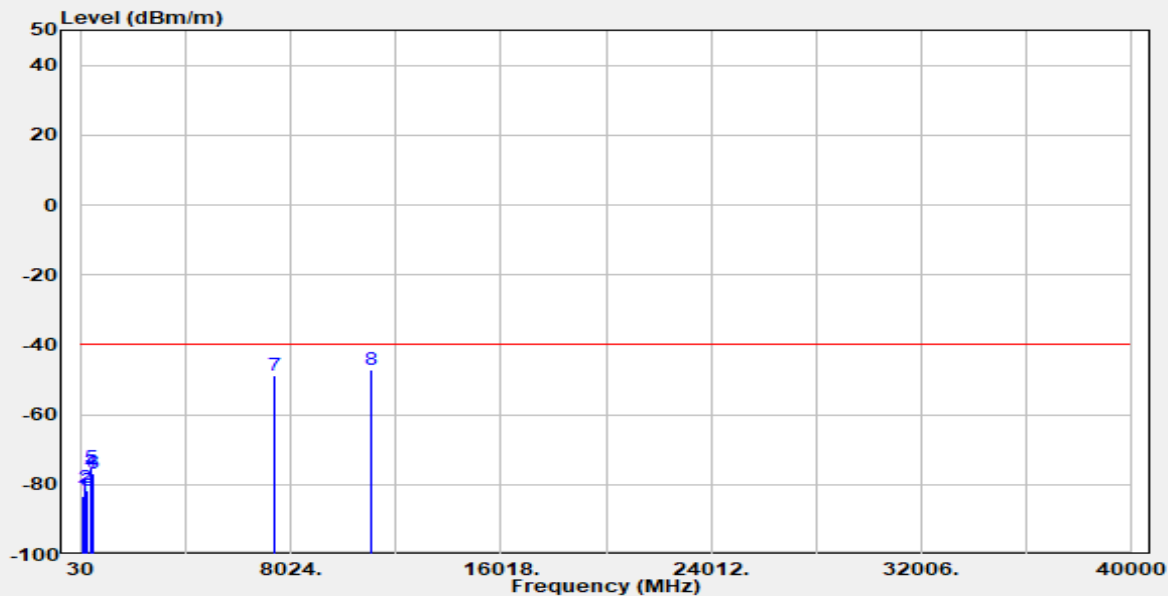
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Report Number :TERF2501000196ER  
 Operation Mode :LTE B48\_P96  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :3697.5 MHz

Test Site :SAC 3  
 Test Date :2025-03-18  
 Temp./Humi. :19.3°C/46%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



| Freq.    | EIRP/ERP | SG                  | Antenna         | Cable      | Limit  | Margin |
|----------|----------|---------------------|-----------------|------------|--------|--------|
| MHz      | dBm      | Output Level<br>dBm | Gain<br>dBi/dBd | Loss<br>dB | dBm    | dB     |
| 95.06    | -83.30   | -80.74              | -0.78           | -1.79      | -40.00 | -43.30 |
| 168.85   | -80.90   | -78.25              | -0.27           | -2.38      | -40.00 | -40.90 |
| 197.98   | -81.91   | -82.94              | 3.61            | -2.58      | -40.00 | -41.91 |
| 379.55   | -76.30   | -76.72              | 3.99            | -3.56      | -40.00 | -36.30 |
| 397.03   | -75.12   | -75.40              | 3.91            | -3.64      | -40.00 | -35.12 |
| 444.61   | -76.91   | -76.62              | 3.56            | -3.85      | -40.00 | -36.91 |
| 7395.00  | -48.80   | -43.55              | 11.08           | -16.33     | -40.00 | -8.80  |
| 11092.50 | -47.15   | -38.47              | 11.45           | -20.14     | -40.00 | -7.15  |

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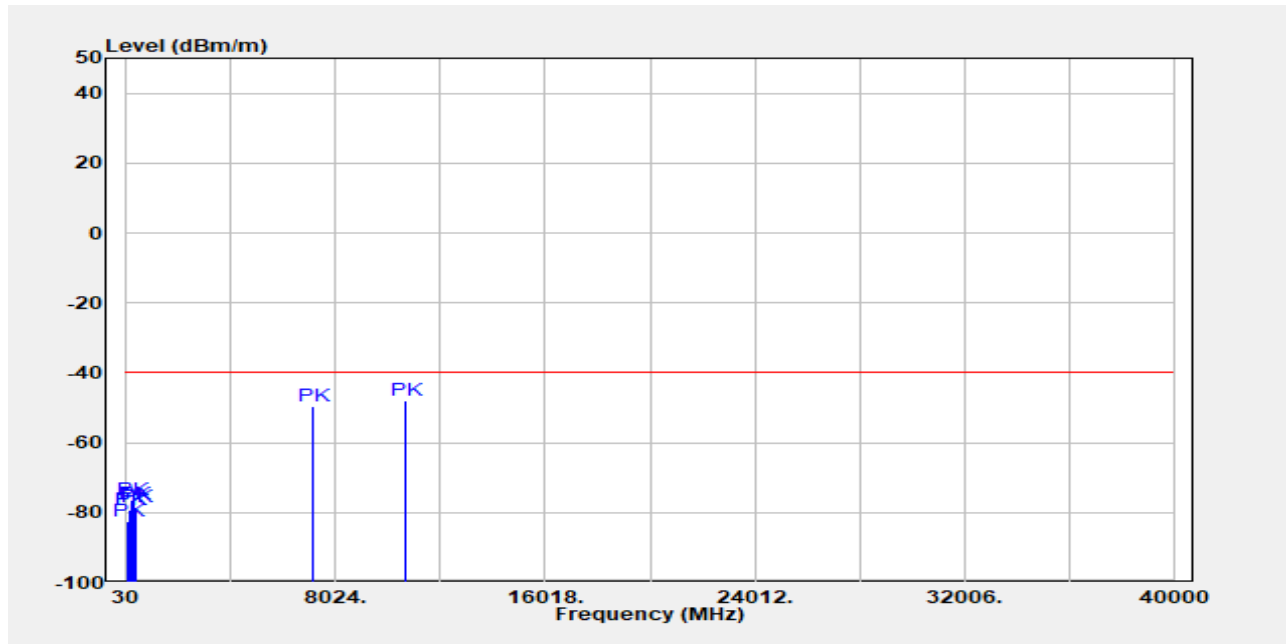
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## Mode: ULCA

Report Number :TERF2501000194ER  
 Operation Mode :ULCA 48C  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :3566.35 MHz

Test Site :SAC 3  
 Test Date :2025-03-18  
 Temp./Humi. :19.3°C/46%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



| Freq.<br>MHz | EIRP/ERP<br>dBm | SG<br>Output Level<br>dBm | Antenna<br>Gain<br>dBi/dBd | Cable<br>Loss<br>dB | Limit<br>@3m<br>dBm | Margin<br>dB |
|--------------|-----------------|---------------------------|----------------------------|---------------------|---------------------|--------------|
| 45.520       | -82.36          | -68.51                    | -12.61                     | -1.24               | -40.00              | -42.36       |
| 138.640      | -79.45          | -75.46                    | -1.85                      | -2.15               | -40.00              | -39.45       |
| 181.320      | -79.18          | -78.20                    | 1.48                       | -2.46               | -40.00              | -39.18       |
| 228.850      | -76.47          | -78.49                    | 4.78                       | -2.76               | -40.00              | -36.47       |
| 278.320      | -77.65          | -78.30                    | 3.70                       | -3.05               | -40.00              | -37.65       |
| 380.170      | -78.32          | -78.73                    | 3.98                       | -3.56               | -40.00              | -38.32       |
| 7132.700     | -49.49          | -44.56                    | 11.10                      | -16.02              | -40.00              | -9.49        |
| 10699.050    | -47.99          | -39.64                    | 11.40                      | -19.75              | -40.00              | -7.99        |

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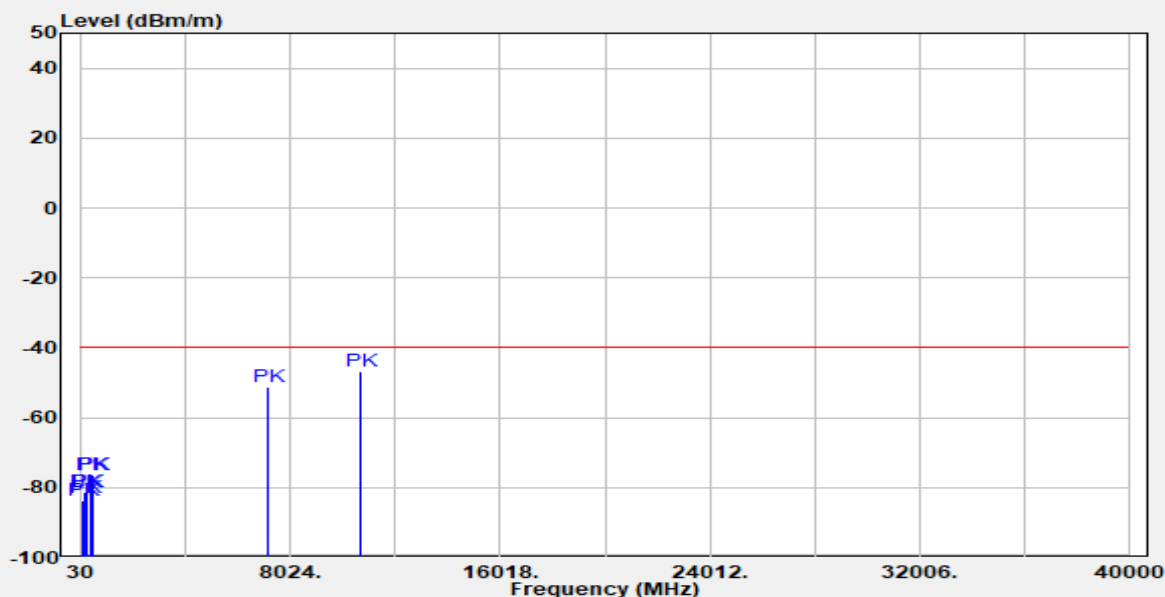
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Report Number :TERF2501000194ER  
 Operation Mode :ULCA 48C  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :3566.35 MHz

Test Site :SAC 3  
 Test Date :2025-03-18  
 Temp./Humi. :19.3°C/46%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



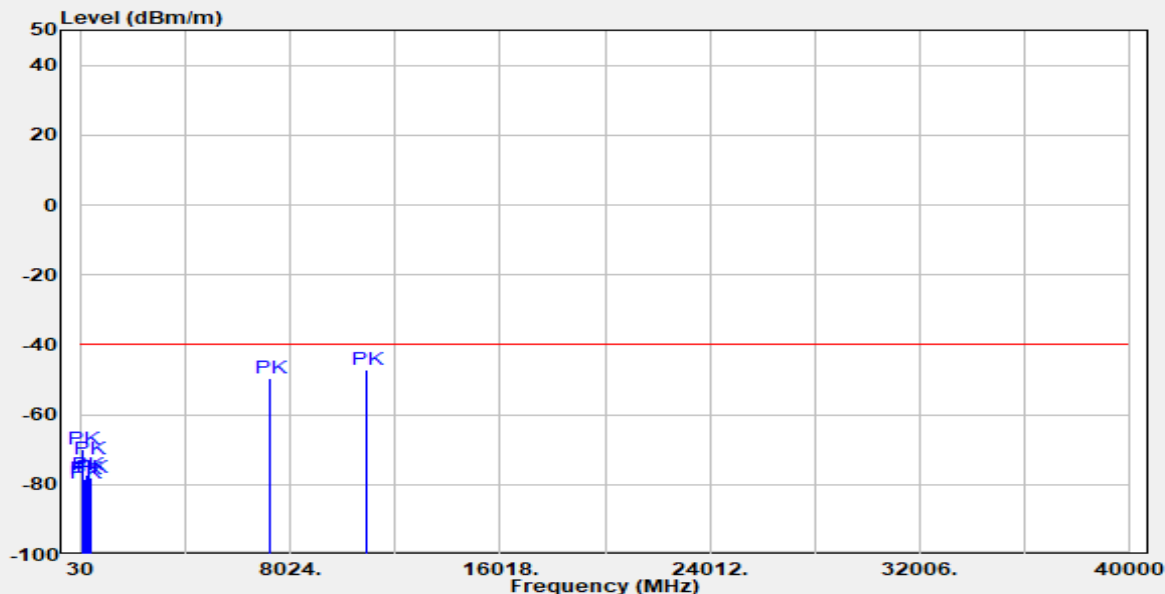
| Freq.<br>MHz | EIRP/ERP<br>dBm | SG<br>Output Level<br>dBm | Antenna<br>Gain<br>dBi/dBd | Cable<br>Loss<br>dB | Limit<br>@3m<br>dBm | Margin<br>dB |
|--------------|-----------------|---------------------------|----------------------------|---------------------|---------------------|--------------|
| 94.990       | -83.63          | -81.07                    | -0.77                      | -1.78               | -40.00              | -43.63       |
| 120.210      | -83.10          | -79.56                    | -1.52                      | -2.01               | -40.00              | -43.10       |
| 175.500      | -81.33          | -79.42                    | 0.52                       | -2.42               | -40.00              | -41.33       |
| 206.540      | -81.46          | -82.94                    | 4.11                       | -2.63               | -40.00              | -41.46       |
| 385.020      | -76.33          | -76.64                    | 3.89                       | -3.58               | -40.00              | -36.33       |
| 458.740      | -76.46          | -76.40                    | 3.84                       | -3.90               | -40.00              | -36.46       |
| 7132.700     | -51.02          | -46.09                    | 11.10                      | -16.02              | -40.00              | -11.02       |
| 10699.050    | -46.59          | -38.24                    | 11.40                      | -19.75              | -40.00              | -6.59        |

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Report Number :TERF2501000194ER  
 Operation Mode :ULCA 48C  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :3623.85 MHz

Test Site :SAC 3  
 Test Date :2025-03-18  
 Temp./Humi. :19.3°C/46%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



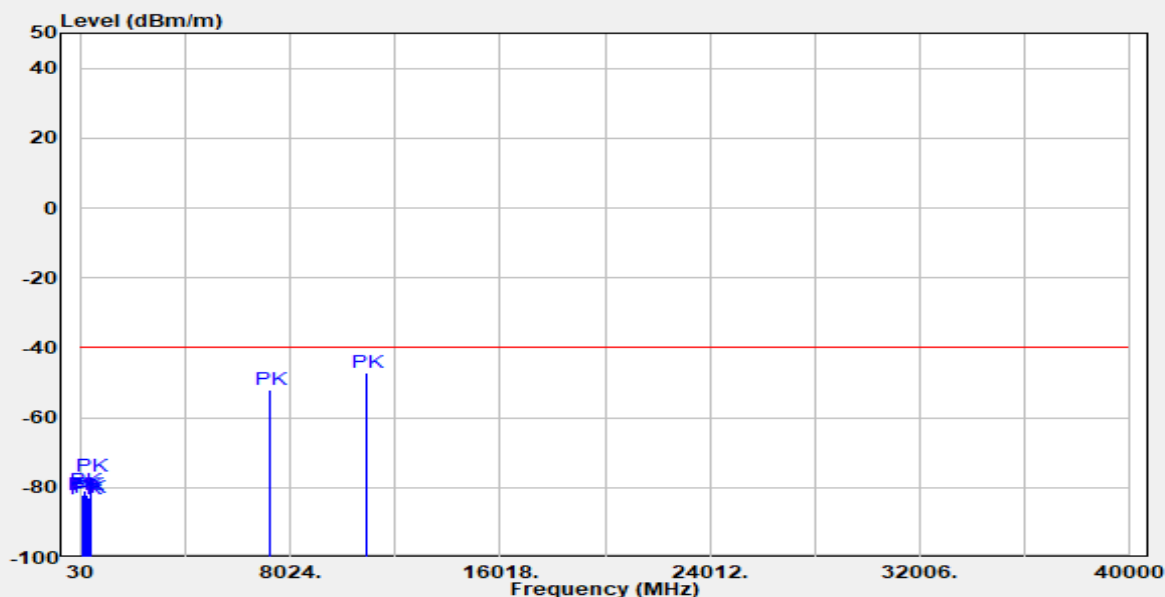
| Freq.<br>MHz | EIRP/ERP<br>dBm | SG<br>Output Level<br>dBm | Antenna<br>Gain<br>dBi/dBd | Cable<br>Loss<br>dB | Limit<br>@3m<br>dBm | Margin<br>dB |
|--------------|-----------------|---------------------------|----------------------------|---------------------|---------------------|--------------|
| 78.500       | -70.11          | -64.91                    | -3.58                      | -1.62               | -40.00              | -30.11       |
| 132.820      | -79.49          | -75.73                    | -1.65                      | -2.11               | -40.00              | -39.49       |
| 181.320      | -78.33          | -77.34                    | 1.48                       | -2.46               | -40.00              | -38.33       |
| 228.850      | -77.26          | -79.28                    | 4.78                       | -2.76               | -40.00              | -37.26       |
| 275.410      | -72.75          | -73.39                    | 3.67                       | -3.04               | -40.00              | -32.75       |
| 370.470      | -78.20          | -78.82                    | 4.13                       | -3.51               | -40.00              | -38.20       |
| 7247.700     | -49.67          | -44.42                    | 10.90                      | -16.15              | -40.00              | -9.67        |
| 10871.550    | -47.26          | -38.49                    | 11.16                      | -19.93              | -40.00              | -7.26        |

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Report Number :TERF2501000194ER  
 Operation Mode :ULCA 48C  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :3623.85 MHz

Test Site :SAC 3  
 Test Date :2025-03-18  
 Temp./Humi. :19.3°C/46%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



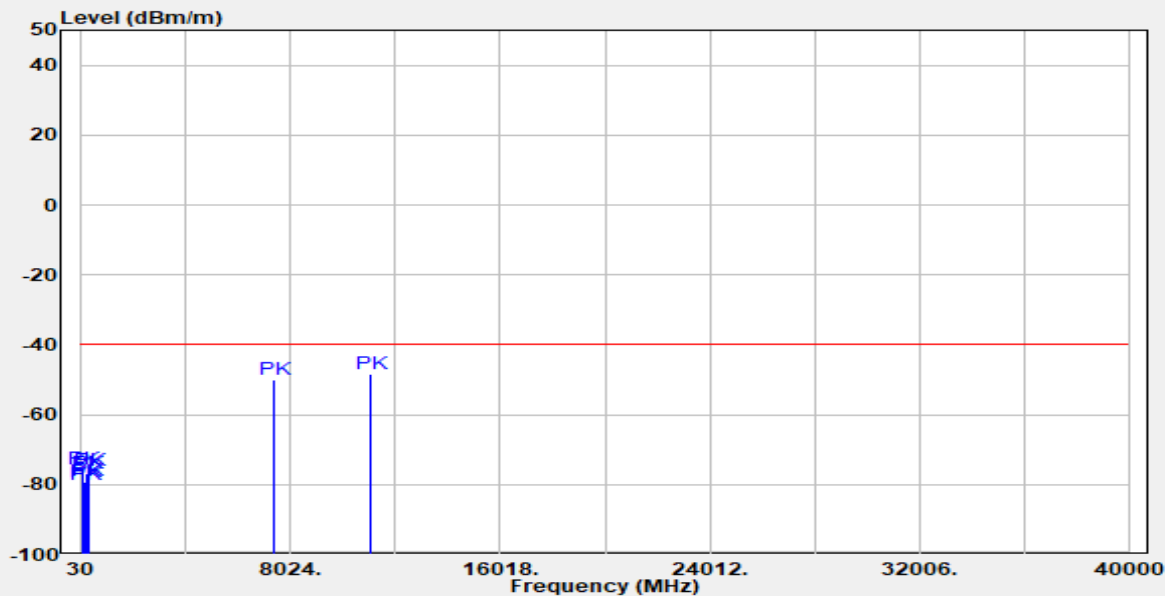
| Freq.<br>MHz | EIRP/ERP<br>dBm | SG<br>Output Level<br>dBm | Antenna<br>Gain<br>dBi/dBd | Cable<br>Loss<br>dB | Limit<br>@3m<br>dBm | Margin<br>dB |
|--------------|-----------------|---------------------------|----------------------------|---------------------|---------------------|--------------|
| 72.680       | -82.31          | -74.93                    | -5.82                      | -1.56               | -40.00              | -42.31       |
| 119.240      | -83.26          | -79.74                    | -1.52                      | -2.00               | -40.00              | -43.26       |
| 165.800      | -80.78          | -77.91                    | -0.51                      | -2.36               | -40.00              | -40.78       |
| 208.480      | -82.05          | -83.63                    | 4.23                       | -2.64               | -40.00              | -42.05       |
| 283.170      | -82.96          | -83.57                    | 3.69                       | -3.08               | -40.00              | -42.96       |
| 381.140      | -76.65          | -77.05                    | 3.96                       | -3.56               | -40.00              | -36.65       |
| 7247.700     | -51.93          | -46.68                    | 10.90                      | -16.15              | -40.00              | -11.93       |
| 10871.550    | -47.27          | -38.49                    | 11.16                      | -19.93              | -40.00              | -7.27        |

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Report Number :TERF2501000194ER  
 Operation Mode :ULCA 48C  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :3681.45 MHz

Test Site :SAC 3  
 Test Date :2025-03-18  
 Temp./Humi. :19.3°C/46%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



| Freq.<br>MHz | EIRP/ERP<br>dBm | SG<br>Output Level<br>dBm | Antenna<br>Gain<br>dBi/dBd | Cable<br>Loss<br>dB | Limit<br>@3m<br>dBm | Margin<br>dB |
|--------------|-----------------|---------------------------|----------------------------|---------------------|---------------------|--------------|
| 80.440       | -75.75          | -71.17                    | -2.94                      | -1.64               | -40.00              | -35.75       |
| 146.400      | -80.02          | -76.09                    | -1.73                      | -2.21               | -40.00              | -40.02       |
| 180.350      | -79.24          | -78.07                    | 1.27                       | -2.45               | -40.00              | -39.24       |
| 198.780      | -78.79          | -79.86                    | 3.65                       | -2.58               | -40.00              | -38.79       |
| 230.790      | -76.96          | -78.79                    | 4.60                       | -2.77               | -40.00              | -36.96       |
| 288.990      | -75.96          | -76.57                    | 3.72                       | -3.10               | -40.00              | -35.96       |
| 7362.900     | -49.99          | -44.65                    | 10.95                      | -16.30              | -40.00              | -9.99        |
| 11044.350    | -48.57          | -39.69                    | 11.19                      | -20.07              | -40.00              | -8.57        |

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t (886-2) 2299-3279

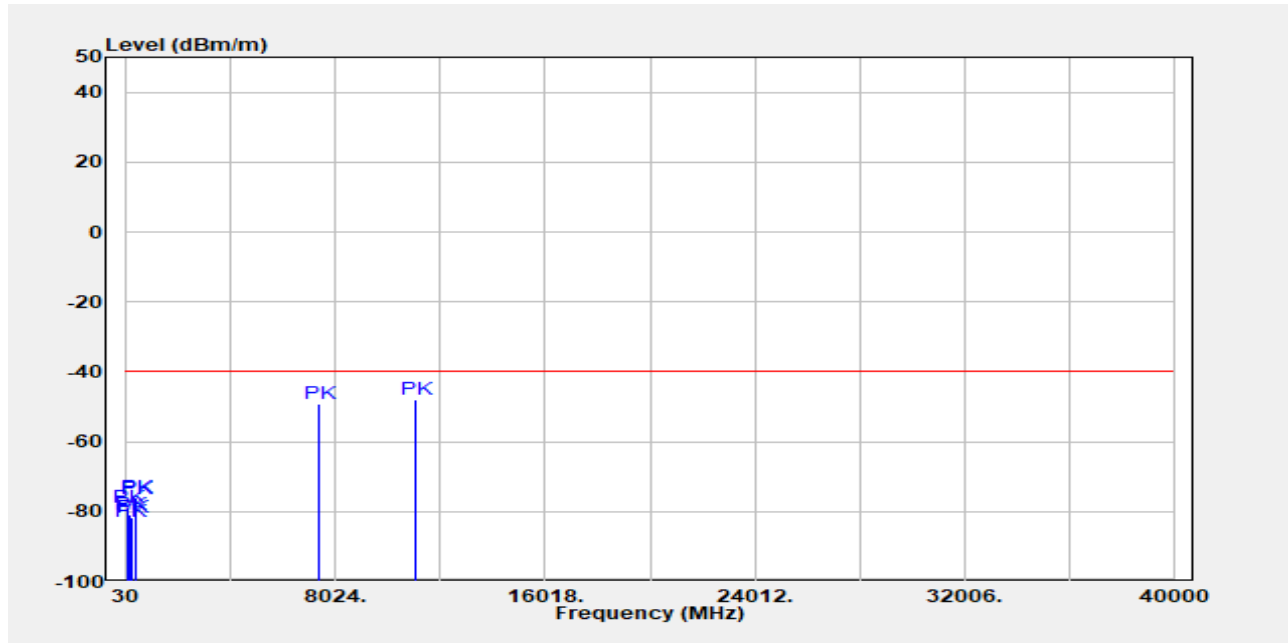
f (886-2) 2298-0488

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Report Number :TERF2501000194ER  
 Operation Mode :ULCA 48C  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :3681.45 MHz

Test Site :SAC 3  
 Test Date :2025-03-18  
 Temp./Humi. :19.3°C/46%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



| Freq.<br>MHz | EIRP/ERP<br>dBm | SG<br>Output Level<br>dBm | Antenna<br>Gain<br>dBi/dBd | Cable<br>Loss<br>dB | Limit<br>@3m<br>dBm | Margin<br>dB |
|--------------|-----------------|---------------------------|----------------------------|---------------------|---------------------|--------------|
| 55.220       | -78.68          | -66.42                    | -10.90                     | -1.36               | -40.00              | -38.68       |
| 115.360      | -82.82          | -79.38                    | -1.48                      | -1.97               | -40.00              | -42.82       |
| 168.710      | -80.91          | -78.26                    | -0.27                      | -2.38               | -40.00              | -40.91       |
| 211.390      | -81.81          | -83.53                    | 4.38                       | -2.66               | -40.00              | -41.81       |
| 370.470      | -76.26          | -76.88                    | 4.13                       | -3.51               | -40.00              | -36.26       |
| 409.270      | -76.13          | -76.47                    | 4.02                       | -3.69               | -40.00              | -36.13       |
| 7362.900     | -49.10          | -43.75                    | 10.95                      | -16.30              | -40.00              | -9.10        |
| 11044.350    | -48.13          | -39.24                    | 11.19                      | -20.07              | -40.00              | -8.13        |

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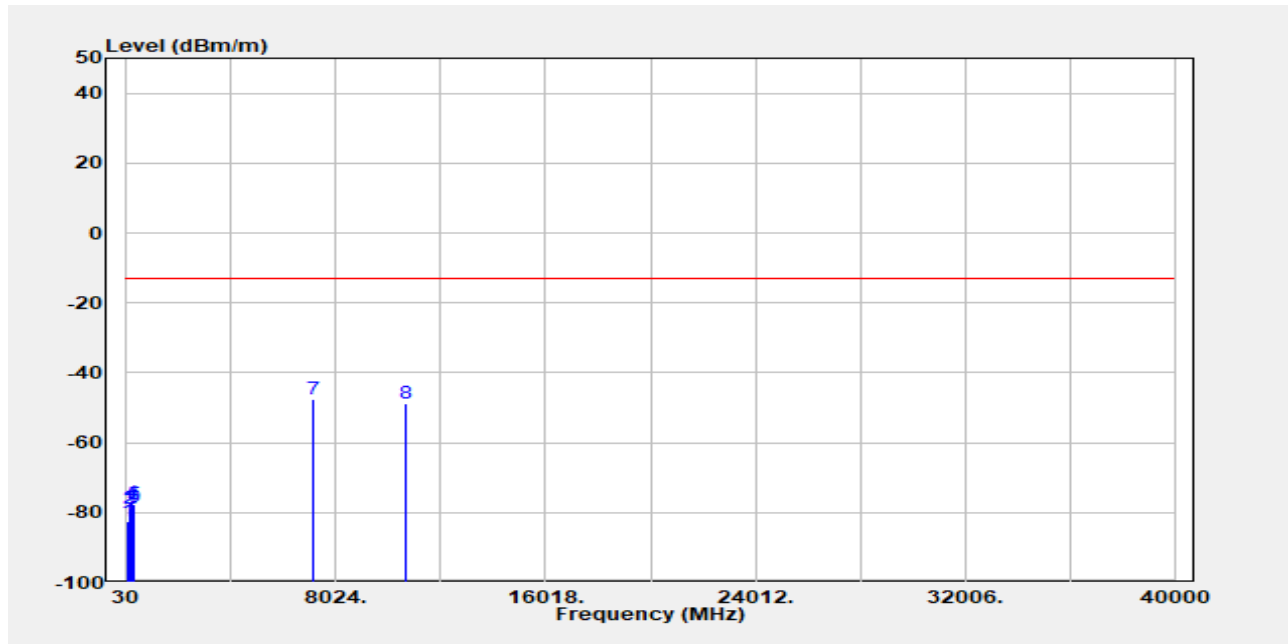
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## Mode: NR

Report Number :TERF2501000196ER  
 Operation Mode :NR\_n77\_P96  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :3557.52 MHz

Test Site :SAC 3  
 Test Date :2025-03-18  
 Temp./Humi. :19.3°C/46%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



| Freq.<br>MHz | EIRP/ERP<br>dBm | SG<br>Output Level<br>dBm | Antenna<br>Gain<br>dBi/dBd | Cable<br>Loss<br>dB | Limit<br>@3m<br>dBm | Margin<br>dB |
|--------------|-----------------|---------------------------|----------------------------|---------------------|---------------------|--------------|
| 51.340       | -82.66          | -69.50                    | -11.84                     | -1.32               | -13.00              | -69.66       |
| 124.090      | -78.79          | -75.19                    | -1.55                      | -2.04               | -13.00              | -65.79       |
| 178.410      | -78.74          | -77.35                    | 1.05                       | -2.44               | -13.00              | -65.74       |
| 230.790      | -77.39          | -79.22                    | 4.60                       | -2.77               | -13.00              | -64.39       |
| 282.200      | -77.84          | -78.47                    | 3.70                       | -3.07               | -13.00              | -64.84       |
| 340.400      | -78.59          | -79.23                    | 4.01                       | -3.37               | -13.00              | -65.59       |
| 7115.040     | -47.72          | -42.82                    | 11.10                      | -16.01              | -13.00              | -34.72       |
| 10672.560    | -48.95          | -40.58                    | 11.35                      | -19.71              | -13.00              | -35.95       |

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t (886-2) 2299-3279

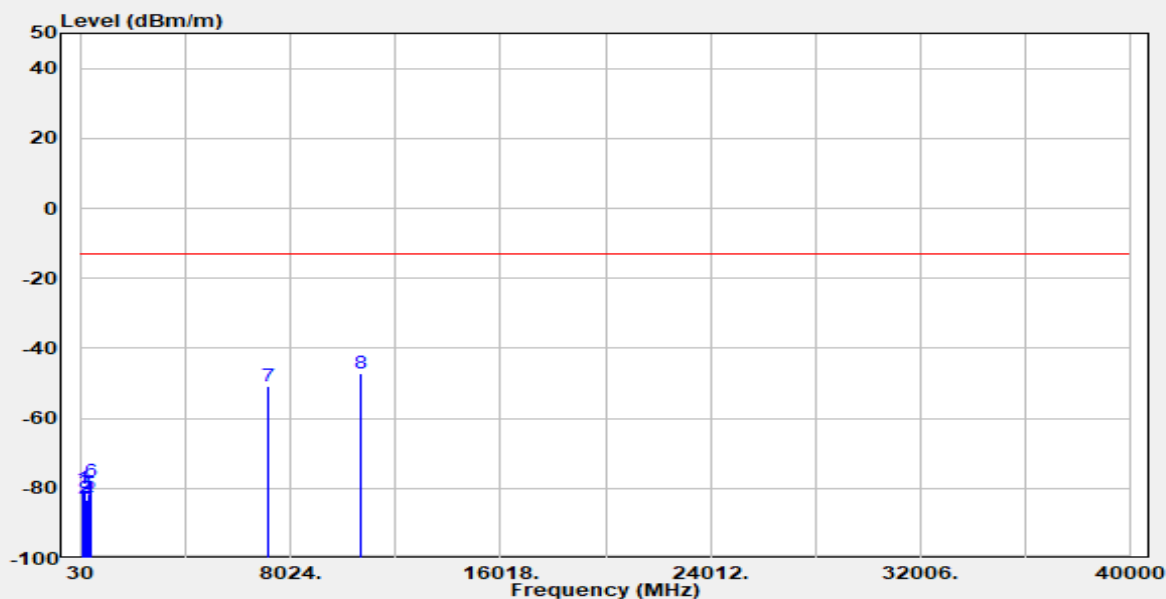
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Report Number :TERF2501000196ER  
Operation Mode :NR\_n77\_P96  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :3557.52 MHz

Test Site :SAC 3  
Test Date :2025-03-18  
Temp./Humi. :19.3°C/46%  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



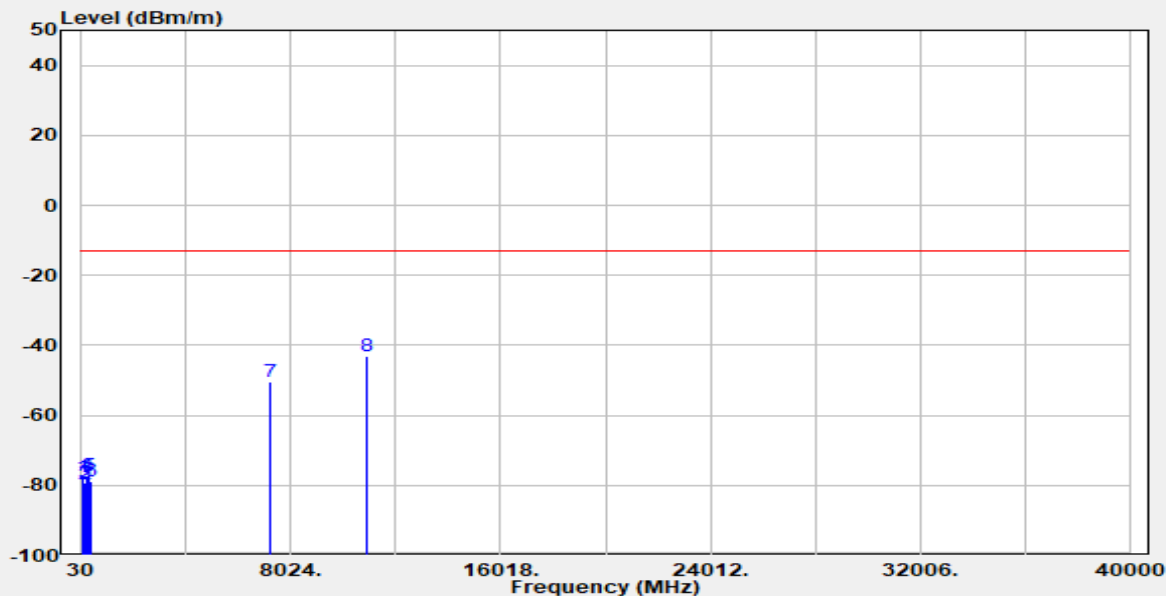
| Freq.     | EIRP/ERP | SG           | Antenna | Cable  | Limit  | Margin |
|-----------|----------|--------------|---------|--------|--------|--------|
| MHz       | dBm      | Output Level | Gain    | Loss   | @3m    |        |
|           |          | dBm          | dBi/dBd | dB     | dBm    | dB     |
| 61.040    | -80.20   | -69.37       | -9.40   | -1.43  | -13.00 | -67.20 |
| 135.730   | -82.93   | -79.04       | -1.77   | -2.13  | -13.00 | -69.93 |
| 177.440   | -81.47   | -79.94       | 0.91    | -2.43  | -13.00 | -68.47 |
| 226.910   | -83.35   | -85.50       | 4.90    | -2.75  | -13.00 | -70.35 |
| 302.570   | -81.78   | -82.45       | 3.85    | -3.17  | -13.00 | -68.78 |
| 384.050   | -78.10   | -78.43       | 3.91    | -3.58  | -13.00 | -65.10 |
| 7115.040  | -50.94   | -46.04       | 11.10   | -16.01 | -13.00 | -37.94 |
| 10672.560 | -47.35   | -38.99       | 11.35   | -19.71 | -13.00 | -34.35 |

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Report Number :TERF2501000196ER  
 Operation Mode :NR\_n77\_P96  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :3625.02 MHz

Test Site :SAC 3  
 Test Date :2025-03-18  
 Temp./Humi. :19.3°C/46%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



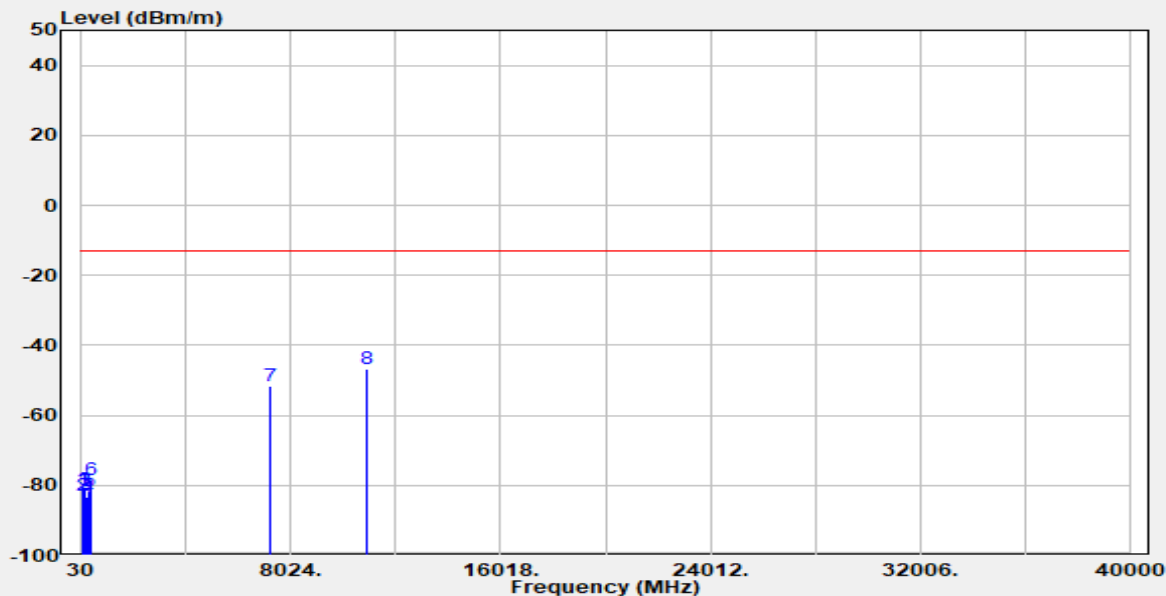
| Freq.<br>MHz | EIRP/ERP<br>dBm | SG<br>Output Level<br>dBm | Antenna<br>Gain<br>dBi/dBd | Cable<br>Loss<br>dB | Limit<br>@3m<br>dBm | Margin<br>dB |
|--------------|-----------------|---------------------------|----------------------------|---------------------|---------------------|--------------|
| 73.650       | -77.66          | -70.77                    | -5.32                      | -1.57               | -13.00              | -64.66       |
| 135.730      | -79.68          | -75.78                    | -1.77                      | -2.13               | -13.00              | -66.68       |
| 183.260      | -79.30          | -78.60                    | 1.77                       | -2.47               | -13.00              | -66.30       |
| 229.820      | -77.39          | -79.34                    | 4.72                       | -2.77               | -13.00              | -64.39       |
| 280.260      | -77.21          | -77.86                    | 3.72                       | -3.06               | -13.00              | -64.21       |
| 351.070      | -78.81          | -79.58                    | 4.19                       | -3.42               | -13.00              | -65.81       |
| 7250.040     | -50.24          | -44.99                    | 10.90                      | -16.15              | -13.00              | -37.24       |
| 10875.060    | -43.15          | -34.36                    | 11.15                      | -19.94              | -13.00              | -30.15       |

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Report Number :TERF2501000196ER  
 Operation Mode :NR\_n77\_P96  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :3625.02 MHz

Test Site :SAC 3  
 Test Date :2025-03-18  
 Temp./Humi. :19.3°C/46%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



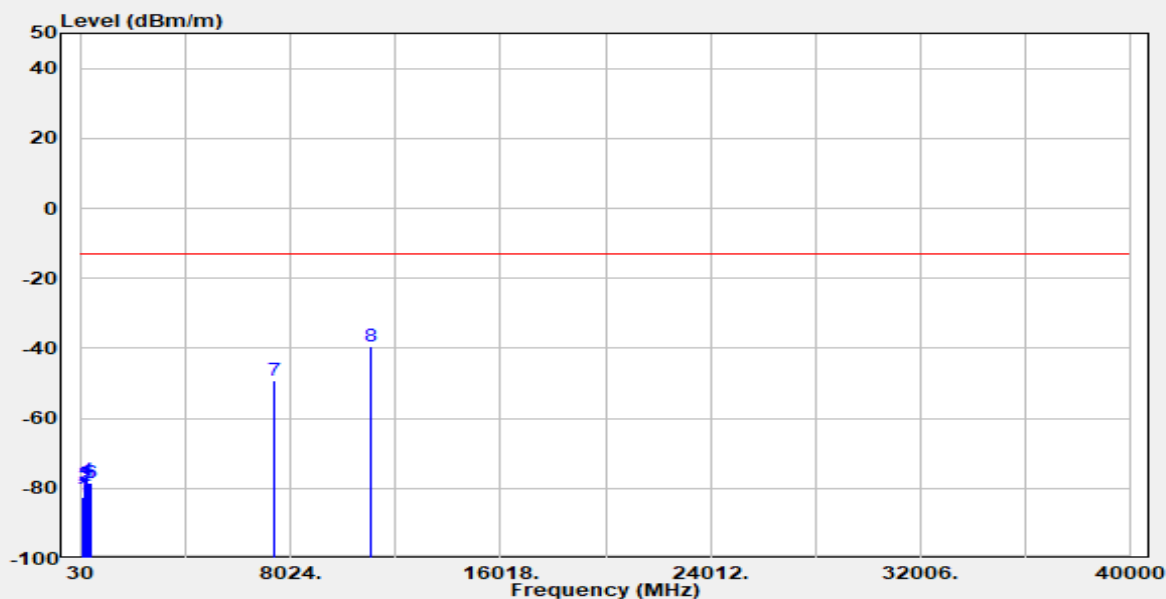
| Freq.<br>MHz | EIRP/ERP<br>dBm | SG<br>Output Level<br>dBm | Antenna<br>Gain<br>dBi/dBd | Cable<br>Loss<br>dB | Limit<br>@3m<br>dBm | Margin<br>dB |
|--------------|-----------------|---------------------------|----------------------------|---------------------|---------------------|--------------|
| 62.980       | -81.19          | -70.90                    | -8.83                      | -1.45               | -13.00              | -68.19       |
| 99.840       | -83.12          | -80.28                    | -1.02                      | -1.83               | -13.00              | -70.12       |
| 172.590      | -81.26          | -79.03                    | 0.18                       | -2.41               | -13.00              | -68.26       |
| 213.330      | -83.24          | -85.03                    | 4.46                       | -2.67               | -13.00              | -70.24       |
| 316.150      | -81.51          | -82.05                    | 3.78                       | -3.25               | -13.00              | -68.51       |
| 373.380      | -78.48          | -79.04                    | 4.09                       | -3.53               | -13.00              | -65.48       |
| 7250.040     | -51.43          | -46.18                    | 10.90                      | -16.15              | -13.00              | -38.43       |
| 10875.060    | -46.93          | -38.15                    | 11.15                      | -19.94              | -13.00              | -33.93       |

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Report Number :TERF2501000196ER  
Operation Mode :NR\_n77\_P96  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :3692.49 MHz

Test Site :SAC 3  
Test Date :2025-03-18  
Temp./Humi. :19.3°C/46%  
Antenna Pol. :Vertical  
Engineer :Nick Lin



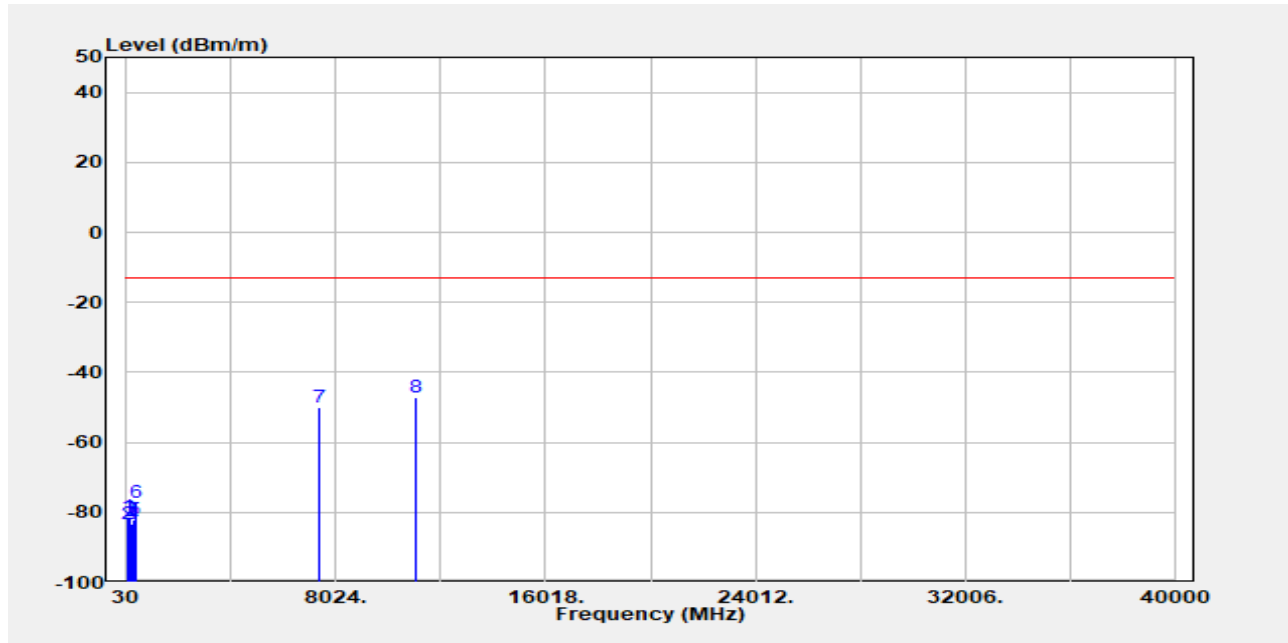
| Freq.<br>MHz | EIRP/ERP<br>dBm | SG<br>Output Level<br>dBm | Antenna<br>Gain<br>dBi/dBd | Cable<br>Loss<br>dB | Limit<br>@3m<br>dBm | Margin<br>dB |
|--------------|-----------------|---------------------------|----------------------------|---------------------|---------------------|--------------|
| 72.680       | -82.50          | -75.12                    | -5.82                      | -1.56               | -13.00              | -69.50       |
| 134.760      | -79.36          | -75.43                    | -1.80                      | -2.12               | -13.00              | -66.36       |
| 180.350      | -78.80          | -77.62                    | 1.27                       | -2.45               | -13.00              | -65.80       |
| 238.550      | -77.64          | -78.59                    | 3.77                       | -2.82               | -13.00              | -64.64       |
| 286.080      | -78.26          | -78.86                    | 3.69                       | -3.09               | -13.00              | -65.26       |
| 370.470      | -78.47          | -79.09                    | 4.13                       | -3.51               | -13.00              | -65.47       |
| 7384.980     | -49.09          | -43.81                    | 11.04                      | -16.32              | -13.00              | -36.09       |
| 11077.470    | -39.61          | -30.86                    | 11.36                      | -20.12              | -13.00              | -26.61       |

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Report Number :TERF2501000196ER  
Operation Mode :NR\_n77\_P96  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :3692.49 MHz

Test Site :SAC 3  
Test Date :2025-03-18  
Temp./Humi. :19.3°C/46%  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



| Freq.<br>MHz | EIRP/ERP<br>dBm | SG<br>Output Level<br>dBm | Antenna<br>Gain<br>dBi/dBd | Cable<br>Loss<br>dB | Limit<br>@3m<br>dBm | Margin<br>dB |
|--------------|-----------------|---------------------------|----------------------------|---------------------|---------------------|--------------|
| 62.010       | -81.40          | -70.89                    | -9.07                      | -1.44               | -13.00              | -68.40       |
| 100.810      | -83.45          | -80.42                    | -1.19                      | -1.84               | -13.00              | -70.45       |
| 164.830      | -81.81          | -78.95                    | -0.51                      | -2.35               | -13.00              | -68.81       |
| 215.270      | -83.44          | -85.30                    | 4.54                       | -2.68               | -13.00              | -70.44       |
| 305.480      | -81.96          | -82.64                    | 3.86                       | -3.19               | -13.00              | -68.96       |
| 407.330      | -77.25          | -77.55                    | 3.98                       | -3.68               | -13.00              | -64.25       |
| 7384.980     | -50.03          | -44.75                    | 11.04                      | -16.32              | -13.00              | -37.03       |
| 11077.470    | -47.14          | -38.39                    | 11.36                      | -20.12              | -13.00              | -34.14       |

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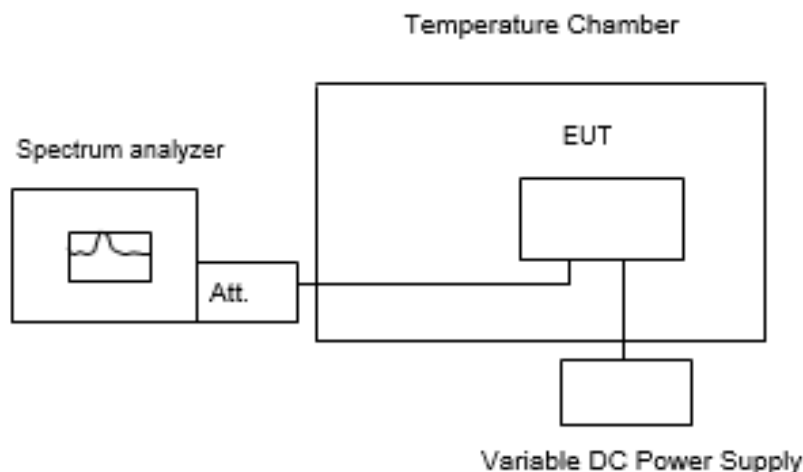
## 12 FREQUENCY STABILITY MEASUREMENT

### 12.1 Standard Applicabl

FCC §2.1055(a)

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency band. The frequency stability of the transmitter shall be maintained within  $\pm 0.00025\%$  ( $\pm 2.5$  ppm ) of the center frequency.

### 12.2 Test Set-up



**Note:** Measurement setup for testing on Antenna connector

### 12.3 Measurement Procedure

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to -30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.

Set chamber temperature to 25°C . Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation (+/- 15%) and endpoint as declared by the manufacturer, record the maximum frequency change.

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## 12.4 Measurement Result

Note: The module's voltage is 3.3Vdc.

Mode: LTE

|                         |            |                     |         |             |                       |
|-------------------------|------------|---------------------|---------|-------------|-----------------------|
| Reference Freq.:        |            | LTE B48 Mid Channel |         | 3625.0000   | MHz 10M QPSK CH 55990 |
| Power Supply Vdc        | Temp. (°C) | Freq. (MHz)         | (ppm)   | Limit       |                       |
| Freq. ERROR vs. VOLTAGE |            |                     |         |             |                       |
| 3.795                   | 20         | 3625.000004         | 0.0011  | +/- 2.5 ppm |                       |
| 3.3                     | 20         | 3625.000004         | 0.0010  |             |                       |
| 2.805                   | 20         | 3624.999994         | -0.0016 |             |                       |
| 2.9<br>(End Point)      | 20         | 3624.999994         | -0.0017 |             |                       |
| Freq. ERROR vs. Temp.   |            |                     |         |             |                       |
| 3.3                     | -30        | 3625.000005         | 0.0015  | +/- 2.5 ppm |                       |
| 3.3                     | -20        | 3625.000009         | 0.0024  |             |                       |
| 3.3                     | -10        | 3624.999993         | -0.0020 |             |                       |
| 3.3                     | 0          | 3625.000010         | 0.0027  |             |                       |
| 3.3                     | 10         | 3625.000004         | 0.0012  |             |                       |
| 3.3                     | 20         | 3624.999998         | -0.0004 |             |                       |
| 3.3                     | 30         | 3625.000004         | 0.0010  |             |                       |
| 3.3                     | 40         | 3624.999990         | -0.0027 |             |                       |
| 3.3                     | 50         | 3624.999991         | -0.0025 |             |                       |

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## Mode: ULCA

|                         |                               |                 |                       |
|-------------------------|-------------------------------|-----------------|-----------------------|
| Reference Freq.:        | LTE CA B48: Mid Channel (MHz) |                 | 3625                  |
|                         | Channel Bandwidth:            |                 | 20MHz+20MHz           |
| Power Supply Vdc        | Temp. (°C)                    | Frequency (MHz) | Frequency Error (ppm) |
| Freq. ERROR vs. VOLTAGE |                               |                 |                       |
| 4.4                     | 20                            | 3625.000005     | 0.0014                |
| 3.3                     | 20                            | 3624.999988     | -0.0033               |
| 3.135                   | 20                            | 3624.999997     | -0.0007               |
| 2.9                     | 20                            | 3625.000008     | 0.0021                |
| (End Point)             |                               |                 |                       |
| Freq. ERROR vs. Temp.   |                               |                 |                       |
| 3.3                     | -30                           | 3625.000012     | 11.9400               |
| 3.3                     | -20                           | 3625.000006     | 5.6200                |
| 3.3                     | -10                           | 3624.999992     | -7.9100               |
| 3.3                     | 0                             | 3625.000008     | 7.6400                |
| 3.3                     | 10                            | 3624.999991     | -9.0500               |
| 3.3                     | 20                            | 3624.999987     | -12.8100              |
| 3.3                     | 30                            | 3624.999998     | -1.6800               |
| 3.3                     | 40                            | 3624.999997     | -2.6300               |
| 3.3                     | 50                            | 3625.000011     | 10.8600               |

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Mode: NR

| 5G NR BAND n48 Part96   |            |             |                 |                     |
|-------------------------|------------|-------------|-----------------|---------------------|
| Reference Freq.:        |            |             | Modulation.:    | CP-OFDM QPSK        |
| SCS.:                   | 30         | kHz         |                 | Bandwidth:          |
| CH                      | 641668     |             | Frequency(MHz): | 3625.02             |
| Freq. ERROR vs. VOLTAGE |            |             |                 |                     |
| Power Supply<br>Vdc     | Temp. (°C) | Freq. (MHz) | (ppm)           | Limit = +/- 2.5 ppm |
| 4.4                     | 20         | 3625.020027 | 0.0076          | +/- 2.5 ppm         |
| 3.3                     | 20         | 3625.020009 | 0.0026          |                     |
| 3.135                   | 20         | 3625.019987 | -0.0037         |                     |
| 2.9<br>(End Point)      | 20         | 3625.019996 | -0.0012         |                     |
| Freq. ERROR vs. Temp.   |            |             |                 |                     |
| Power Supply<br>Vdc     | Temp. (°C) | Freq. (MHz) | (ppm)           | Limit = +/- 2.5 ppm |
| 3.3                     | -30        | 3625.020015 | 0.0042          | +/- 2.5 ppm         |
| 3.3                     | -20        | 3625.020018 | 0.0049          |                     |
| 3.3                     | -10        | 3625.020017 | 0.0047          |                     |
| 3.3                     | 0          | 3625.020013 | 0.0037          |                     |
| 3.3                     | 10         | 3625.020002 | 0.0006          |                     |
| 3.3                     | 20         | 3625.019991 | -0.0026         |                     |
| 3.3                     | 30         | 3625.019995 | -0.0013         |                     |
| 3.3                     | 40         | 3625.020006 | 0.0015          |                     |
| 3.3                     | 50         | 3625.019981 | -0.0051         |                     |

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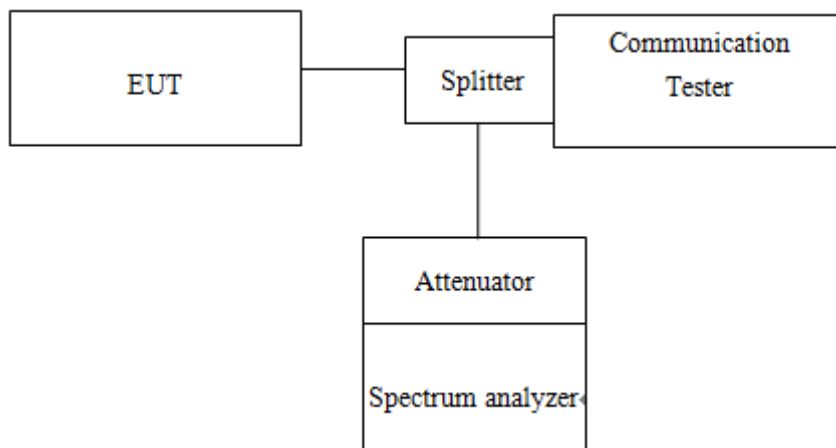
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## 13 PEAK TO AVERAGE RATIO

### 13.1 Standard Applicable

The peak-to-average ratio (PAR) of the transmission may not exceed 13dB.

### 13.2 Test SET-UP



### 13.3 Measurement Procedure

1. KDB 971168 D01 is employed as the following procedure is proper adjusted accordingly:
2. Set resolution/measurement bandwidth  $\geq$  signal's occupied bandwidth; & internal =1ms
3. Set the number of counts to a value that stabilizes the measured CCDF curve.

### 13.4 Measurement Result

Mode: LTE

| LTE BAND 48             |       |           |       |                          |       |           |       |
|-------------------------|-------|-----------|-------|--------------------------|-------|-----------|-------|
| Channel bandwidth: 5MHz |       |           |       | Channel bandwidth: 10MHz |       |           |       |
| Freq.<br>(MHz)          | CH    | PAPR (dB) |       | Freq.<br>(MHz)           | CH    | PAPR (dB) |       |
|                         |       | 256QAM    | Limit |                          |       | 256QAM    | Limit |
| 3552.5                  | 55265 | 10.13     | 13    | 3555.0                   | 55290 | 6.38      | 13    |
| 3625.0                  | 55990 | 10.34     | 13    | 3625.0                   | 55990 | 6.66      | 13    |
| 3697.5                  | 56715 | 8.36      | 13    | 3695.0                   | 56690 | 11.12     | 13    |

| LTE BAND 48              |       |           |       |                          |       |           |       |
|--------------------------|-------|-----------|-------|--------------------------|-------|-----------|-------|
| Channel bandwidth: 15MHz |       |           |       | Channel bandwidth: 20MHz |       |           |       |
| Freq.<br>(MHz)           | CH    | PAPR (dB) |       | Freq.<br>(MHz)           | CH    | PAPR (dB) |       |
|                          |       | 256QAM    | Limit |                          |       | 256QAM    | Limit |
| 3557.5                   | 55315 | 6.22      | 13    | 3650.0                   | 55340 | 6.27      | 13    |
| 3625.0                   | 55990 | 8.55      | 13    | 3625.0                   | 55990 | 6.20      | 13    |
| 3692.5                   | 56665 | 6.28      | 13    | 3690.0                   | 56640 | 6.58      | 13    |

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Band48\_5MHz\_256QAM\_RB25\_0\_CH55265



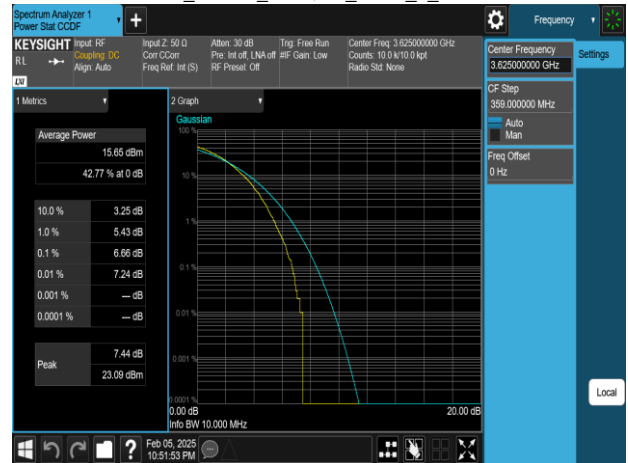
Band48\_10MHz\_256QAM\_RB50\_0\_CH55290



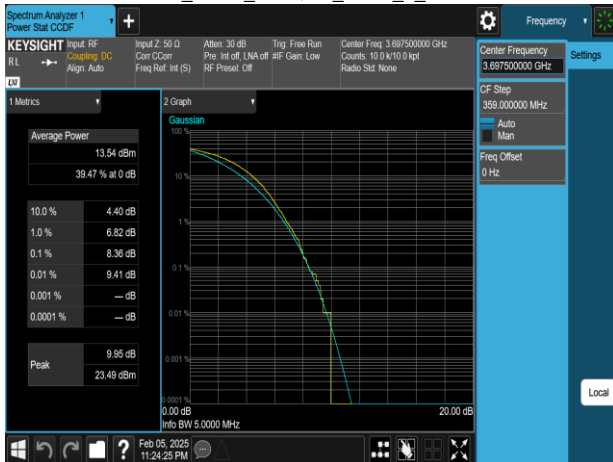
Band48\_5MHz\_256QAM\_RB25\_0\_CH55990



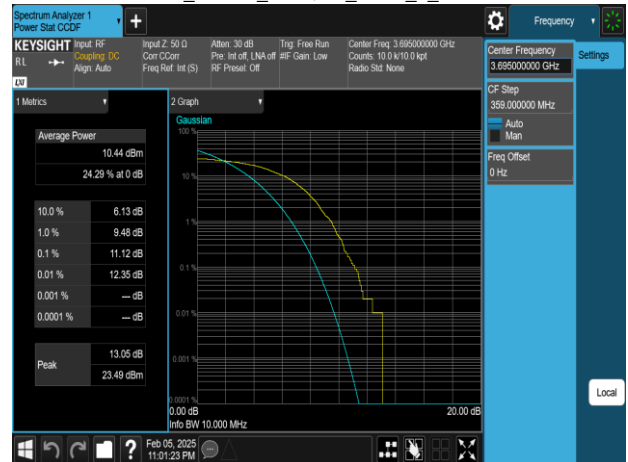
Band48\_10MHz\_256QAM\_RB50\_0\_CH55990



Band48\_5MHz\_256QAM\_RB25\_0\_CH56715



Band48\_10MHz\_256QAM\_RB50\_0\_CH56690

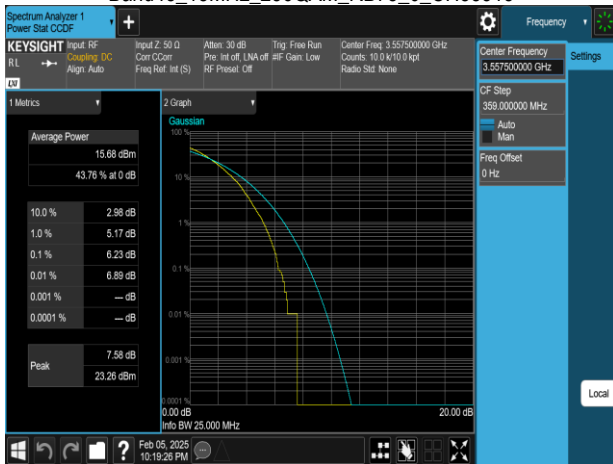


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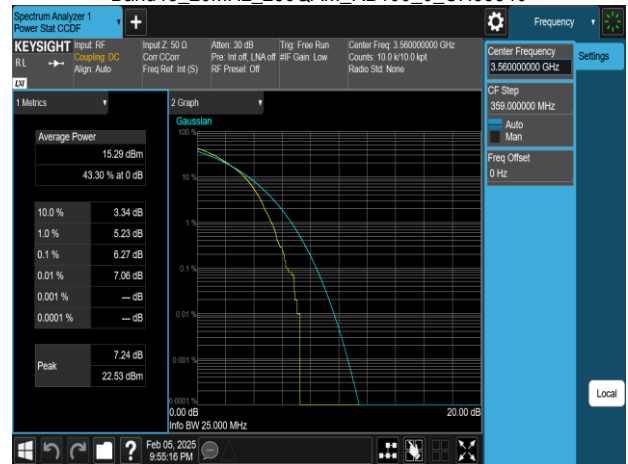
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Band48\_15MHz\_256QAM\_RB75\_0\_CH55315



Band48\_20MHz\_256QAM\_RB100\_0\_CH55340



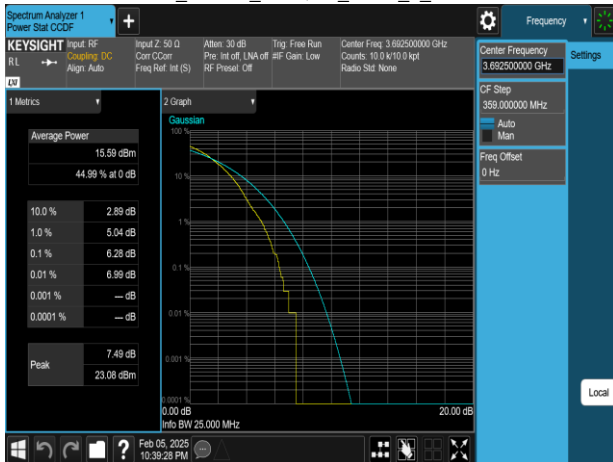
Band48\_15MHz\_256QAM\_RB75\_0\_CH55990



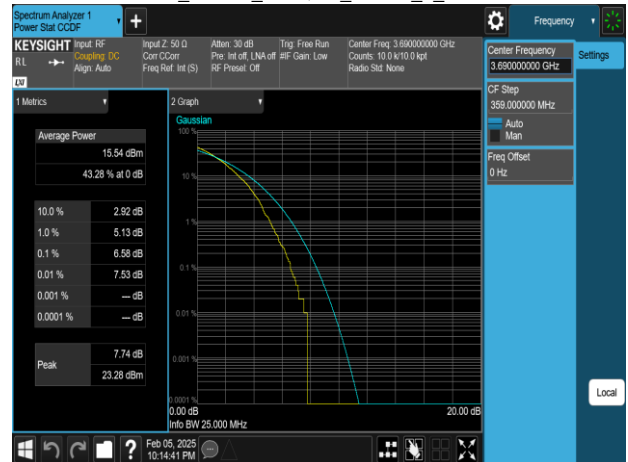
Band48\_20MHz\_256QAM\_RB100\_0\_CH55990



Band48\_15MHz\_256QAM\_RB75\_0\_CH56665



Band48\_20MHz\_256QAM\_RB100\_0\_CH56640



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Mode: ULCA

### LTE BAND 48C

| Band         | Bandwidth     | RB Allocation/RB Offset | Frequency (MHz) | PAPR (dB) |       |
|--------------|---------------|-------------------------|-----------------|-----------|-------|
|              |               |                         |                 | 256QAM    | Limit |
| LTE BAND 48C | 5MHz + 20MHz  | 25/0 + 100/0            | 3625.0          | 6.92      | 13    |
| LTE BAND 48C | 20MHz + 5MHz  | 100/0 + 25/0            | 3625.0          | 6.900     | 13    |
| LTE BAND 48C | 10MHz + 20MHz | 50/0 + 100/0            | 3625.0          | 6.850     | 13    |
| LTE BAND 48C | 20MHz + 10MHz | 100/0 + 50/0            | 3625.0          | 6.790     | 13    |
| LTE BAND 48C | 15MHz + 20MHz | 75/0 + 100/0            | 3625.0          | 7.070     | 13    |
| LTE BAND 48C | 20MHz + 15MHz | 100/0 + 75/0            | 3625.0          | 7.010     | 13    |
| LTE BAND 48C | 20MHz + 20MHz | 100/0 + 100/0           | 3625.0          | 7.440     | 13    |

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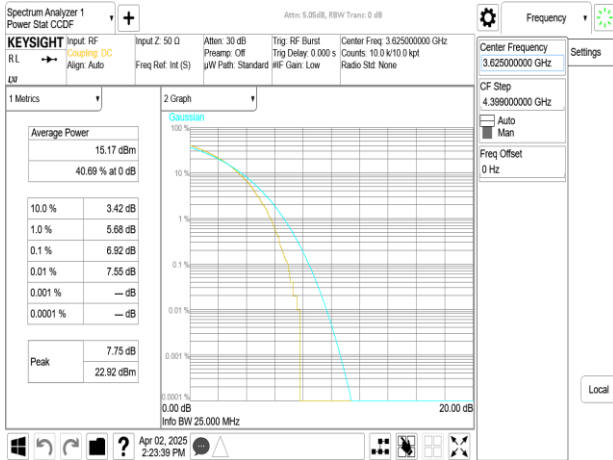
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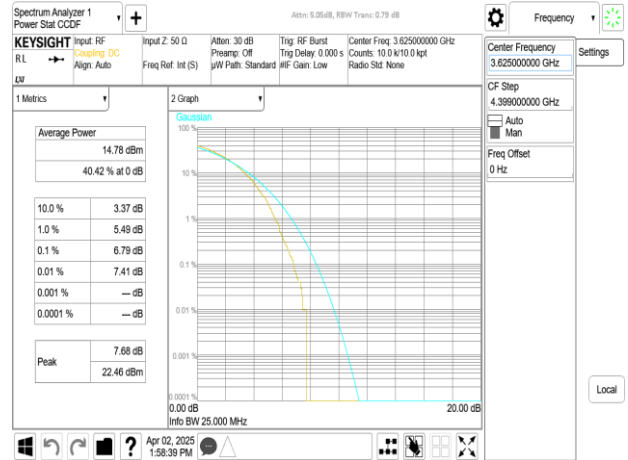
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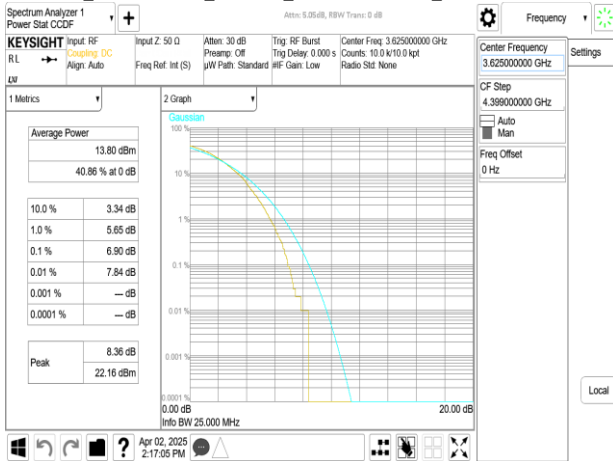
Band48\_5MHz+20MHz\_256QAM\_RB25-0+RB100-0\_CH55898+CH56015



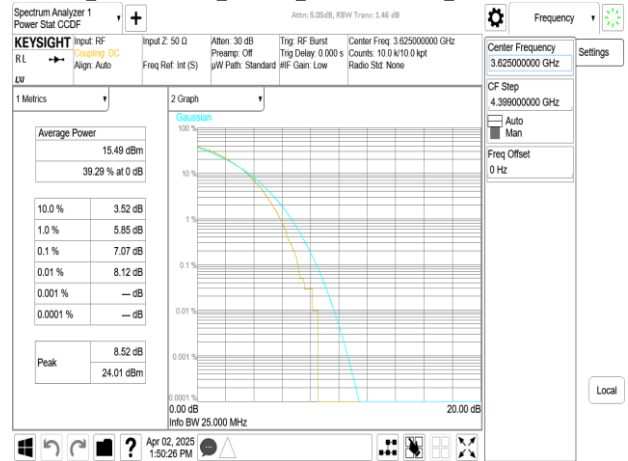
Band48\_20MHz+10MHz\_256QAM\_RB100-0+RB50-0\_CH55941+CH56085



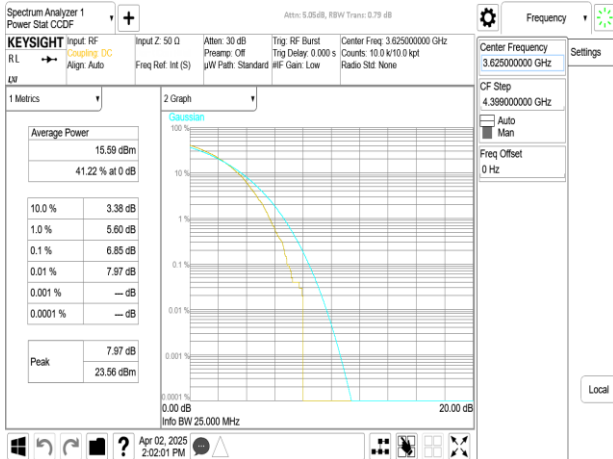
Band48\_20MHz+5MHz\_256QAM\_RB100-0+RB25-0\_CH55965+CH56082



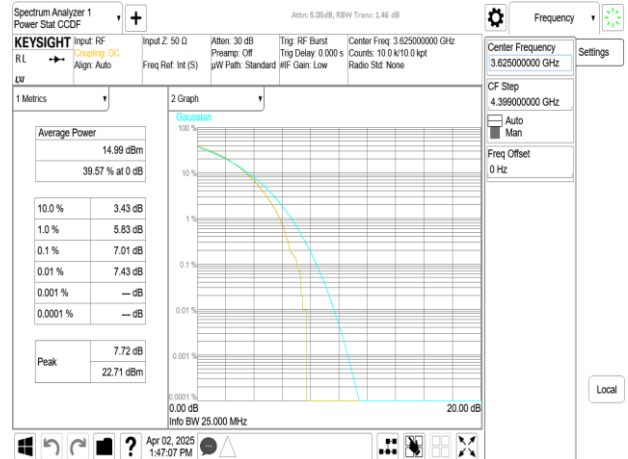
Band48\_15MHz+20MHz\_256QAM\_RB75-0+RB100-0\_CH55893+CH56064



Band48\_10MHz+20MHz\_256QAM\_RB50-0+RB100-0\_CH55896+CH56040



Band48\_20MHz+15MHz\_256QAM\_RB100-0+RB75-0\_CH55916+CH56087

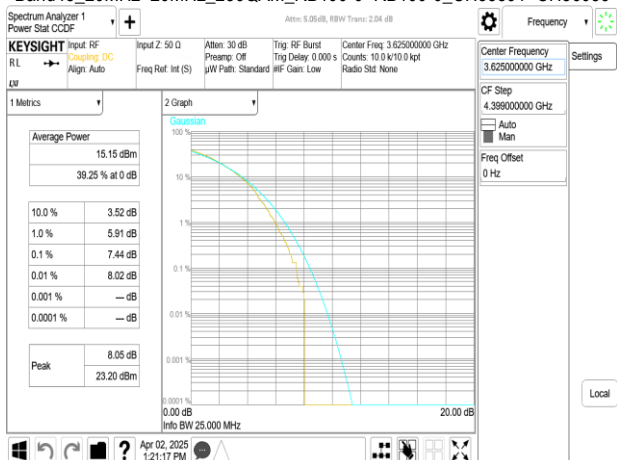


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Band48\_20MHz+20MHz\_256QAM\_RB100-0+RB100-0\_CH55891+CH56089



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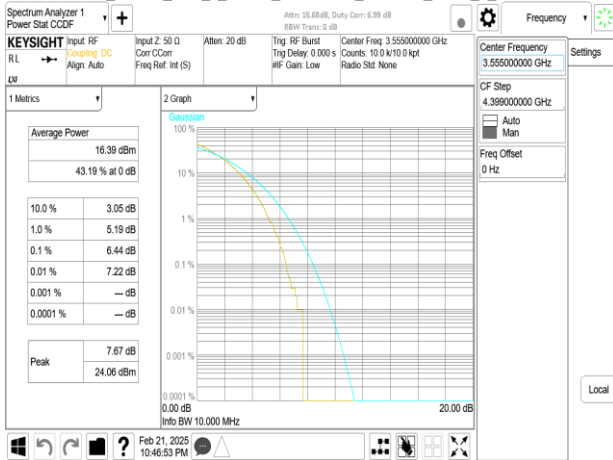
| 5G NR BAND n48 Part96(3550 to 3700 MHz) |        |           |       |                          |        |           |       |
|-----------------------------------------|--------|-----------|-------|--------------------------|--------|-----------|-------|
| DFT-S-OFDM_SCS 15 kHz                   |        |           |       |                          |        |           |       |
| Channel bandwidth: 10MHz                |        |           |       | Channel bandwidth: 15MHz |        |           |       |
| Freq.<br>(MHz)                          | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                                         |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 3555                                    | 637000 | 6.44      | 13    | 3557.52                  | 637168 | 6.65      | 13    |
| 3625.02                                 | 641668 | 6.75      | 13    | 3625.02                  | 641668 | 6.40      | 13    |
| 3694.98                                 | 646332 | 6.30      | 13    | 3692.49                  | 646166 | 6.37      | 13    |
| 5G NR BAND n48 Part96(3550 to 3700 MHz) |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 15 kHz                   |        |           |       |                          |        |           |       |
| Channel bandwidth: 20MHz                |        |           |       | Channel bandwidth: 30MHz |        |           |       |
| Freq.<br>(MHz)                          | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                                         |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 3560.01                                 | 637334 | 6.45      | 13    | 3565.02                  | 637668 | 6.39      | 13    |
| 3625.02                                 | 641668 | 6.44      | 13    | 3625.02                  | 641668 | 6.54      | 13    |
| 3690                                    | 646000 | 6.59      | 13    | 3684.99                  | 645666 | 6.53      | 13    |
| 5G NR BAND n48 Part96(3550 to 3700 MHz) |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 15 kHz                   |        |           |       |                          |        |           |       |
| Channel bandwidth: 40MHz                |        |           |       |                          |        |           |       |
| Freq.<br>(MHz)                          | CH     | PAPR (dB) |       |                          |        |           |       |
|                                         |        | 256QAM    | Limit |                          |        |           |       |
| 3570                                    | 638000 | 7.02      | 13    |                          |        |           |       |
| 3625.02                                 | 641666 | 6.90      | 13    |                          |        |           |       |
| 3679.98                                 | 645332 | 6.87      | 13    |                          |        |           |       |
| 5G NR BAND n48 Part96(3550 to 3700 MHz) |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 30 kHz                   |        |           |       |                          |        |           |       |
| Channel bandwidth: 10MHz                |        |           |       | Channel bandwidth: 15MHz |        |           |       |
| Freq.<br>(MHz)                          | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                                         |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 3555.00                                 | 637000 | 6.74      | 13    | 3557.52                  | 637168 | 6.24      | 13    |
| 3625.02                                 | 641668 | 6.17      | 13    | 3625.02                  | 641668 | 6.34      | 13    |
| 3694.98                                 | 646332 | 6.34      | 13    | 3692.49                  | 646166 | 6.16      | 13    |
| 5G NR BAND n48 Part96(3550 to 3700 MHz) |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 30 kHz                   |        |           |       |                          |        |           |       |
| Channel bandwidth: 20MHz                |        |           |       | Channel bandwidth: 30MHz |        |           |       |
| Freq.<br>(MHz)                          | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                                         |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 3560.01                                 | 637334 | 6.32      | 13    | 3565.02                  | 637668 | 6.55      | 13    |
| 3625.02                                 | 641668 | 6.68      | 13    | 3625.02                  | 641668 | 6.55      | 13    |
| 3690.00                                 | 646000 | 6.40      | 13    | 3684.99                  | 645666 | 6.78      | 13    |
| 5G NR BAND n48 Part96(3550 to 3700 MHz) |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 30 kHz                   |        |           |       |                          |        |           |       |
| Channel bandwidth: 40MHz                |        |           |       |                          |        |           |       |
| Freq.<br>(MHz)                          | CH     | PAPR (dB) |       |                          |        |           |       |
|                                         |        | 256QAM    | Limit |                          |        |           |       |
| 3570.00                                 | 638000 | 6.82      | 13    |                          |        |           |       |
| 3625.02                                 | 641668 | 7.10      | 13    |                          |        |           |       |
| 3679.98                                 | 645332 | 7.11      | 13    |                          |        |           |       |

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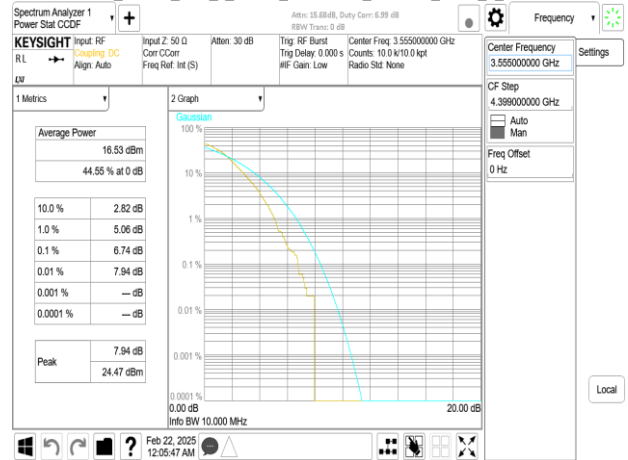
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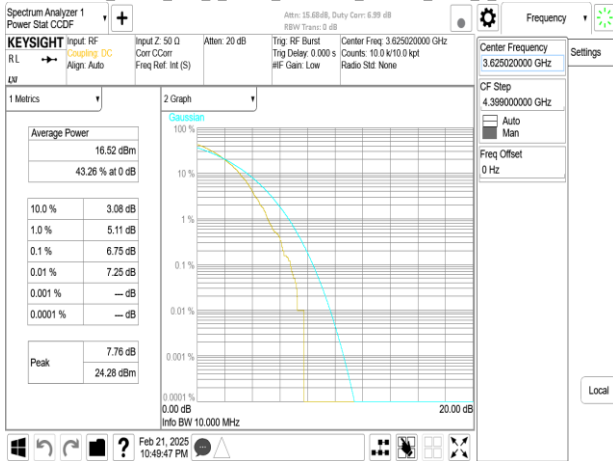
Band48\_10MHz\_DFT\_s\_OFDM\_SCS15kHz\_256QAM\_RB50\_0\_CH637000



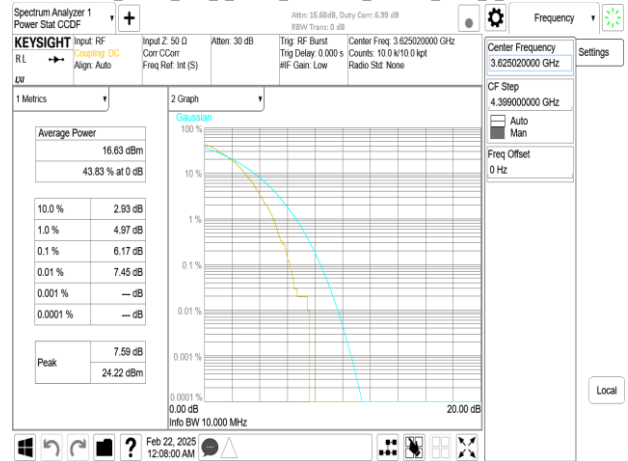
Band48\_10MHz\_DFT\_s\_OFDM\_SCS30kHz\_256QAM\_RB24\_0\_CH637000



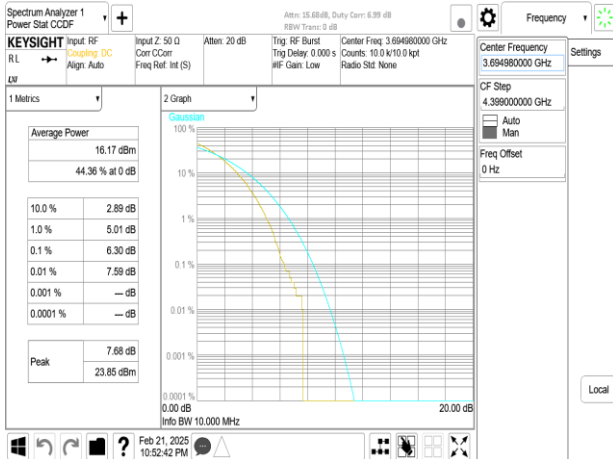
Band48\_10MHz\_DFT\_s\_OFDM\_SCS15kHz\_256QAM\_RB50\_0\_CH641668



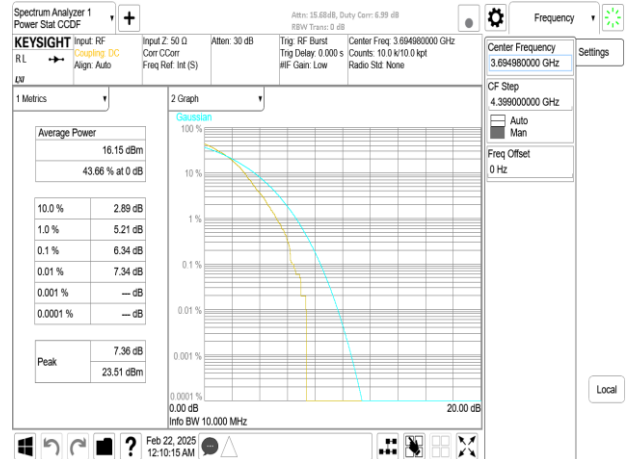
Band48\_10MHz\_DFT\_s\_OFDM\_SCS30kHz\_256QAM\_RB24\_0\_CH641668



Band48\_10MHz\_DFT\_s\_OFDM\_SCS15kHz\_256QAM\_RB50\_0\_CH646332



Band48\_10MHz\_DFT\_s\_OFDM\_SCS30kHz\_256QAM\_RB24\_0\_CH646332



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