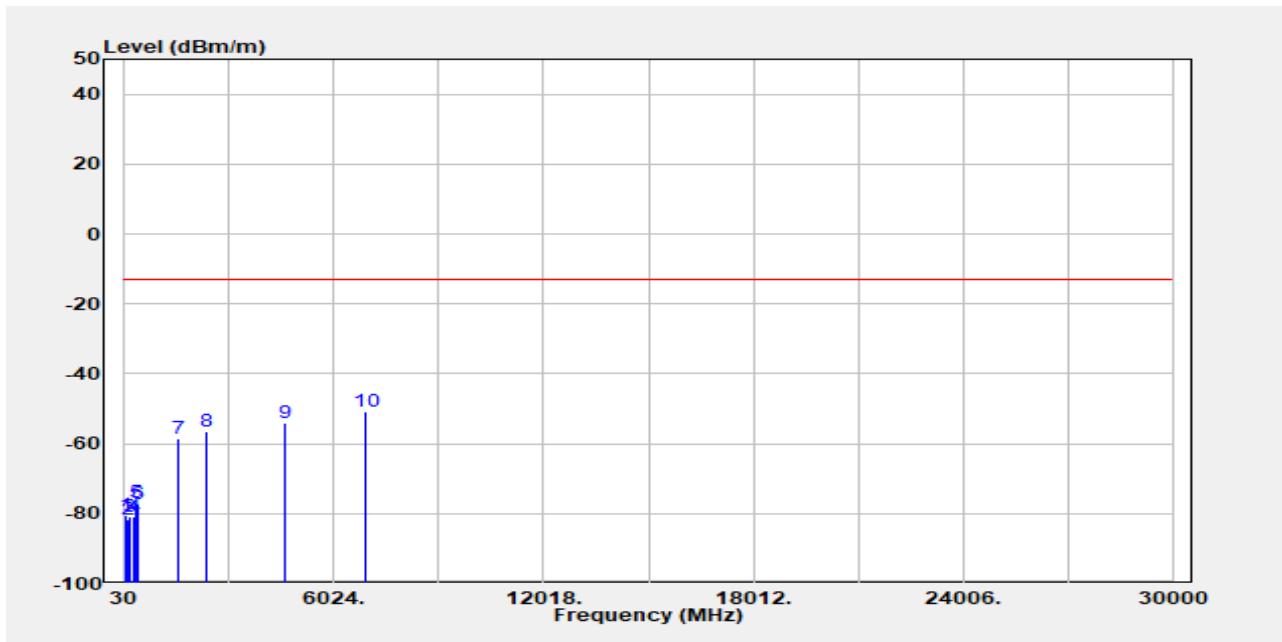


Report Number :TERF2501000195ER Test Site :SAC 3  
Operation Mode :NRCA\_n14A\_n30A Test Date :2025-03-27  
Test Mode :Tx Temp./Humi. :21.7°C/61%  
EUT Pol :H Plane Antenna Pol. :Horizontal  
Test Frequency :795.5\_2310 MHz Engineer :Nick Lin



| 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       | -80.48          | -75.90                    | -2.94                      | -1.64               | -13.00              | -67.48       |
| 136.700      | -81.77          | -77.93                    | -1.71                      | -2.14               | -13.00              | -68.77       |
| 177.440      | -80.79          | -79.26                    | 0.91                       | -2.43               | -13.00              | -67.79       |
| 305.480      | -81.00          | -81.68                    | 3.86                       | -3.19               | -13.00              | -68.00       |
| 374.350      | -76.88          | -77.42                    | 4.07                       | -3.53               | -13.00              | -63.88       |
| 426.730      | -77.34          | -77.55                    | 3.98                       | -3.77               | -13.00              | -64.34       |
| 1591.000     | -58.67          | -60.56                    | 9.21                       | -7.32               | -40.00              | -18.67       |
| 2386.500     | -56.49          | -57.54                    | 10.10                      | -9.05               | -40.00              | -16.49       |
| 4620.000     | -53.92          | -53.75                    | 12.56                      | -12.74              | -40.00              | -13.92       |
| 6930.000     | -51.01          | -47.10                    | 11.88                      | -15.78              | -40.00              | -11.01       |

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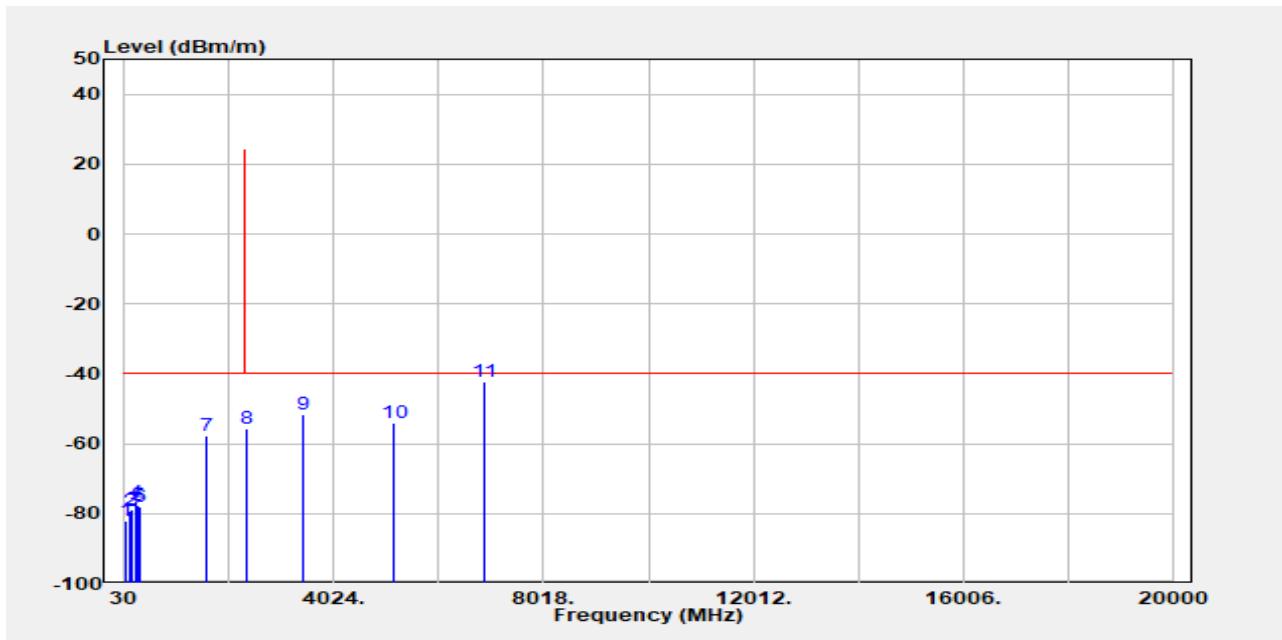
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Report Number :TERF2501000195ER  
 Operation Mode :NRCA\_n14A\_n66A  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :790.5\_1717.5 MHz  
 Test Site :SAC 3  
 Test Date :2025-03-27  
 Temp./Humi. :21.7°C/61%  
 Antenna Pol. :Vertical  
 Engineer :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 |
|--------------|-----------------|---------------------------|----------------------------|---------------------|---------------------|--------------|
| 48.430       | -81.93          | -68.38                    | -12.27                     | -1.28               | -40.00              | -41.93       |
| 130.880      | -79.11          | -75.25                    | -1.77                      | -2.10               | -40.00              | -39.11       |
| 179.380      | -78.86          | -77.57                    | 1.16                       | -2.45               | -40.00              | -38.86       |
| 232.730      | -76.63          | -78.17                    | 4.32                       | -2.79               | -40.00              | -36.63       |
| 273.470      | -77.60          | -78.29                    | 3.71                       | -3.03               | -40.00              | -37.60       |
| 317.120      | -78.03          | -78.58                    | 3.81                       | -3.25               | -40.00              | -38.03       |
| 1581.000     | -57.77          | -59.67                    | 9.20                       | -7.30               | -13.00              | -44.77       |
| 2371.500     | -55.63          | -56.62                    | 10.02                      | -9.02               | -13.00              | -42.63       |
| 3435.000     | -51.71          | -53.36                    | 12.57                      | -10.93              | -13.00              | -38.71       |
| 5152.500     | -53.92          | -52.82                    | 12.42                      | -13.51              | -13.00              | -40.92       |
| 6870.000     | -42.31          | -38.73                    | 12.12                      | -15.70              | -13.00              | -29.31       |

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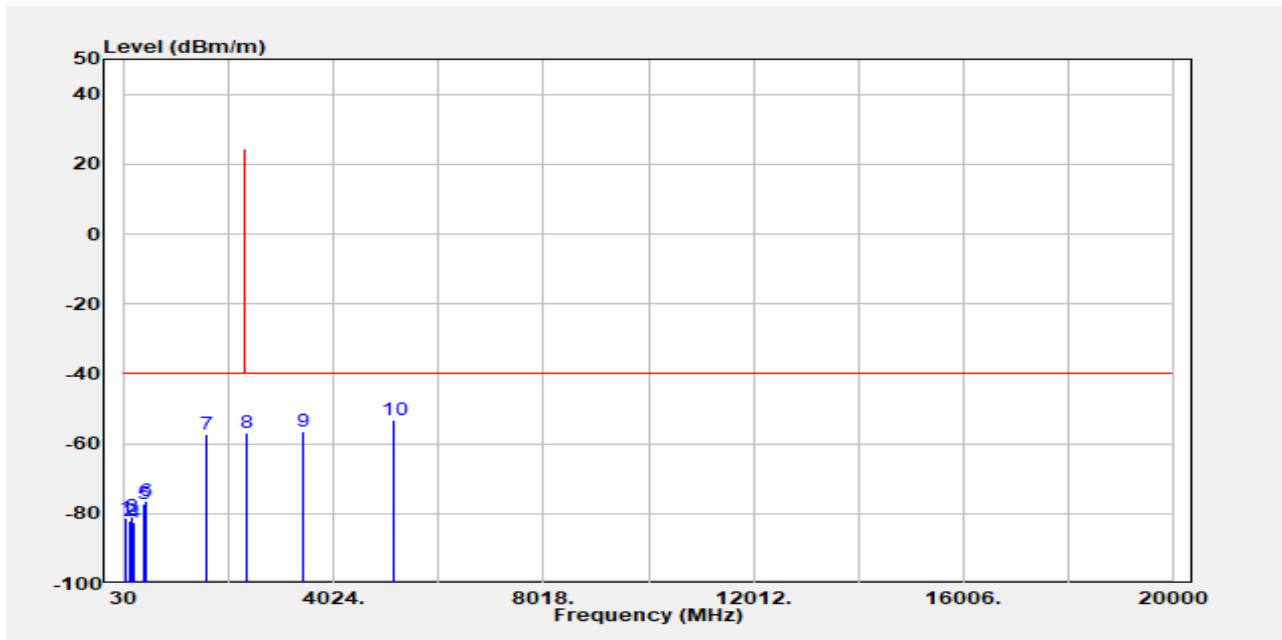
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Report Number :TERF2501000195ER Test Site :SAC 3  
Operation Mode :NRCA\_n14A\_n66A Test Date :2025-03-27  
Test Mode :Tx Temp./Humi. :21.7°C/61%  
EUT Pol :H Plane Antenna Pol. :Horizontal  
Test Frequency :790.5\_1717.5 MHz Engineer :Nick Lin



| 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 |
|--------------|-----------------|---------------------------|----------------------------|---------------------|---------------------|--------------|
| 65.890       | -81.25          | -71.97                    | -7.80                      | -1.48               | -40.00              | -41.25       |
| 121.180      | -82.10          | -78.61                    | -1.47                      | -2.02               | -40.00              | -42.10       |
| 156.100      | -81.02          | -77.39                    | -1.34                      | -2.28               | -40.00              | -41.02       |
| 206.540      | -82.56          | -84.04                    | 4.11                       | -2.63               | -40.00              | -42.56       |
| 385.020      | -77.05          | -77.36                    | 3.89                       | -3.58               | -40.00              | -37.05       |
| 450.980      | -76.58          | -76.46                    | 3.76                       | -3.87               | -40.00              | -36.58       |
| 1581.000     | -57.30          | -59.20                    | 9.20                       | -7.30               | -13.00              | -44.30       |
| 2371.500     | -57.07          | -58.06                    | 10.02                      | -9.02               | -13.00              | -44.07       |
| 3435.000     | -56.40          | -58.04                    | 12.57                      | -10.93              | -13.00              | -43.40       |
| 5152.500     | -53.44          | -52.34                    | 12.42                      | -13.51              | -13.00              | -40.44       |

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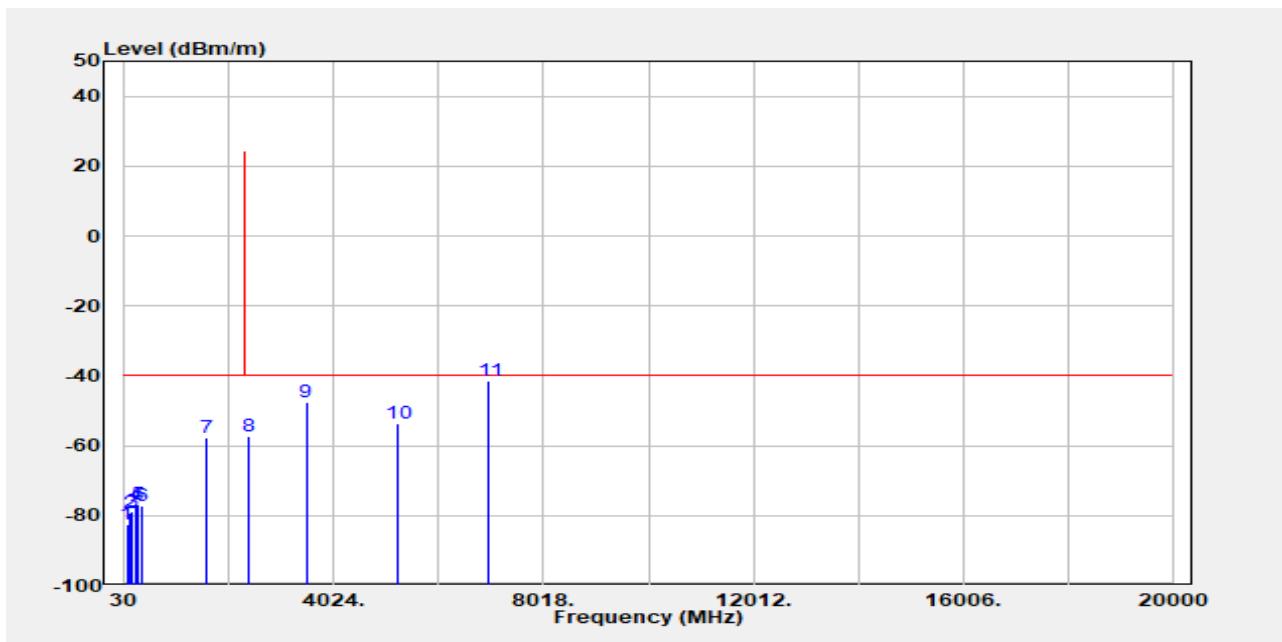
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Report Number :TERF2501000195ER  
Operation Mode :NRCA\_n14A\_n66A  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :793\_1745 MHz

Test Site :SAC 3  
Test Date :2025-03-27  
Temp./Humi. :21.7°C/61%  
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       | -82.62          | -75.74                    | -5.32                      | -1.57               | -40.00              | -42.62       |
| 132.820      | -79.20          | -75.44                    | -1.65                      | -2.11               | -40.00              | -39.20       |
| 179.380      | -78.98          | -77.69                    | 1.16                       | -2.45               | -40.00              | -38.98       |
| 234.670      | -76.89          | -78.14                    | 4.05                       | -2.80               | -40.00              | -36.89       |
| 280.260      | -76.89          | -77.55                    | 3.72                       | -3.06               | -40.00              | -36.89       |
| 358.830      | -77.36          | -78.13                    | 4.23                       | -3.45               | -40.00              | -37.36       |
| 1586.000     | -57.85          | -59.74                    | 9.20                       | -7.31               | -13.00              | -44.85       |
| 2379.000     | -57.23          | -58.28                    | 10.09                      | -9.04               | -13.00              | -44.23       |
| 3490.000     | -47.40          | -48.90                    | 12.52                      | -11.01              | -13.00              | -34.40       |
| 5235.000     | -53.77          | -53.05                    | 12.91                      | -13.63              | -13.00              | -40.77       |
| 6980.000     | -41.31          | -37.09                    | 11.62                      | -15.85              | -13.00              | -28.31       |

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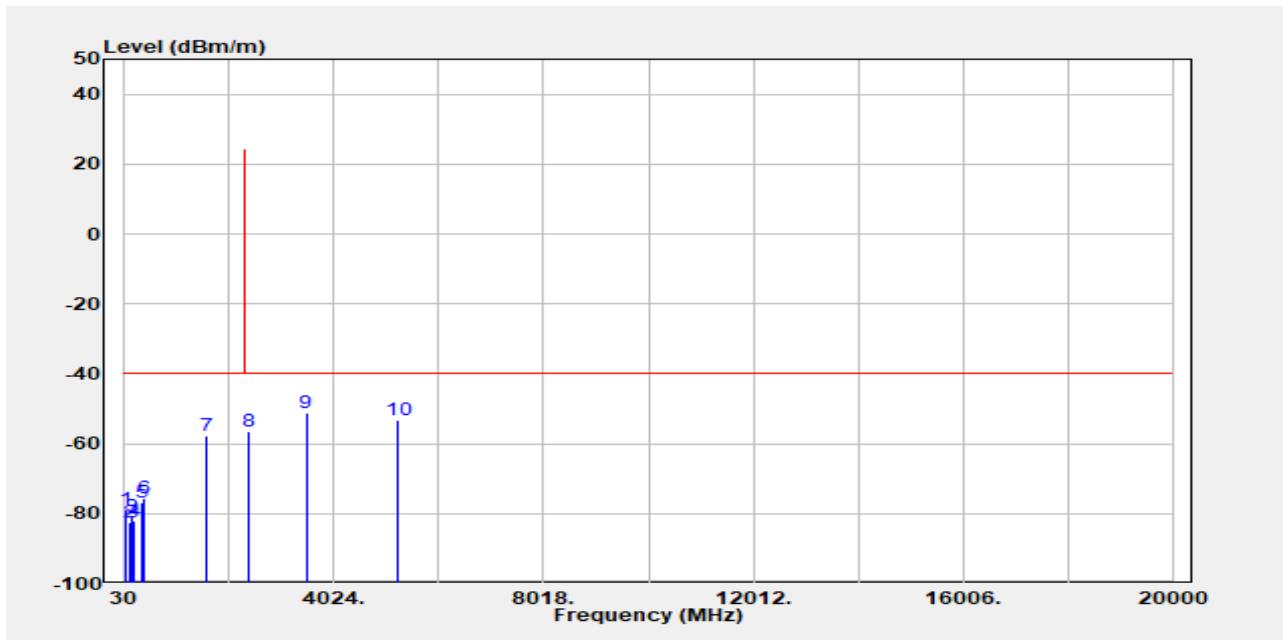
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Report Number :TERF2501000195ER Test Site :SAC 3  
Operation Mode :NRCA\_n14A\_n66A Test Date :2025-03-27  
Test Mode :Tx Temp./Humi. :21.7°C/61%  
EUT Pol :H Plane Antenna Pol. :Horizontal  
Test Frequency :793\_1745 MHz Engineer :Nick Lin



| 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 |
|--------------|-----------------|---------------------------|----------------------------|---------------------|---------------------|--------------|
| 59.100       | -79.04          | -67.64                    | -10.00                     | -1.41               | -40.00              | -39.04       |
| 120.210      | -82.72          | -79.19                    | -1.52                      | -2.01               | -40.00              | -42.72       |
| 158.040      | -80.83          | -77.38                    | -1.15                      | -2.30               | -40.00              | -40.83       |
| 205.570      | -82.18          | -83.61                    | 4.05                       | -2.62               | -40.00              | -42.18       |
| 358.830      | -76.80          | -77.58                    | 4.23                       | -3.45               | -40.00              | -36.80       |
| 409.270      | -75.70          | -76.03                    | 4.02                       | -3.69               | -40.00              | -35.70       |
| 1586.000     | -57.90          | -59.79                    | 9.20                       | -7.31               | -13.00              | -44.90       |
| 2379.000     | -56.45          | -57.51                    | 10.09                      | -9.04               | -13.00              | -43.45       |
| 3490.000     | -51.38          | -52.88                    | 12.52                      | -11.01              | -13.00              | -38.38       |
| 5235.000     | -53.31          | -52.60                    | 12.91                      | -13.63              | -13.00              | -40.31       |

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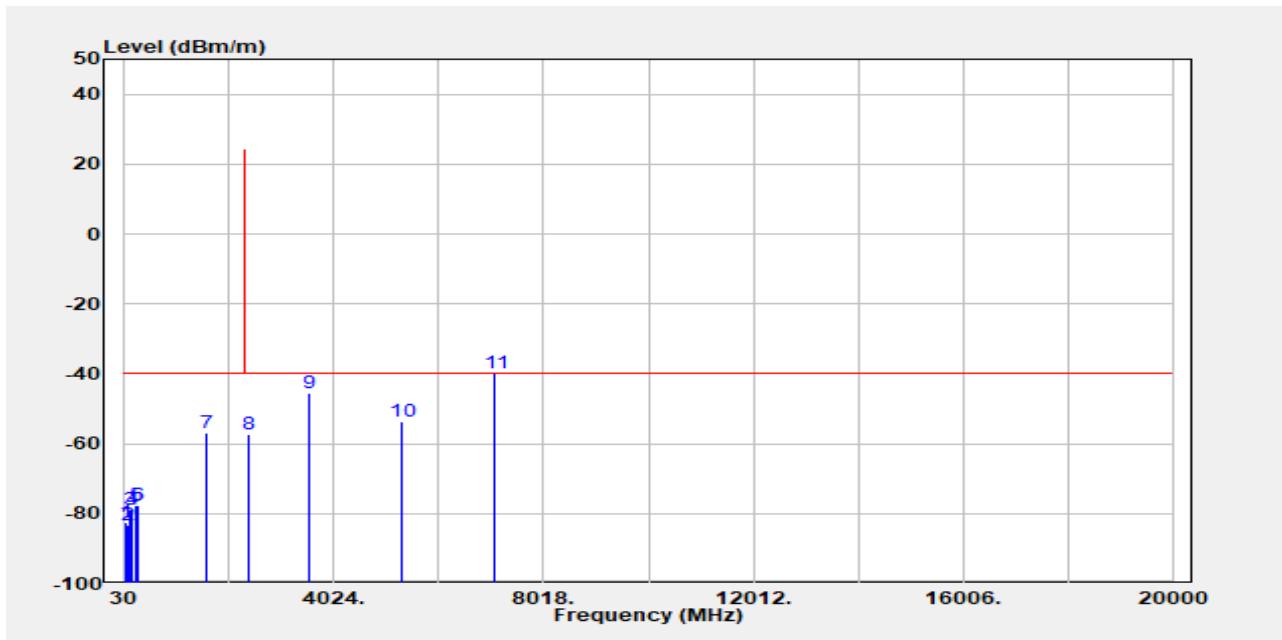
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Report Number :TERF2501000195ER Test Site :SAC 3  
Operation Mode :NRCA\_n14A\_n66A Test Date :2025-03-27  
Test Mode :Tx Temp./Humi. :21.7°C/61%  
EUT Pol :H Plane Antenna Pol. :Vertical  
Test Frequency :795.5\_1772.5 MHz Engineer :Nick Lin



| 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 |
|--------------|-----------------|---------------------------|----------------------------|---------------------|---------------------|--------------|
| 50.370       | -82.62          | -69.36                    | -11.95                     | -1.30               | -40.00              | -42.62       |
| 80.440       | -83.20          | -78.62                    | -2.94                      | -1.64               | -40.00              | -43.20       |
| 132.820      | -79.03          | -75.26                    | -1.65                      | -2.11               | -40.00              | -39.03       |
| 178.410      | -78.79          | -77.40                    | 1.05                       | -2.44               | -40.00              | -38.79       |
| 230.790      | -77.53          | -79.35                    | 4.60                       | -2.77               | -40.00              | -37.53       |
| 272.500      | -77.68          | -78.40                    | 3.74                       | -3.02               | -40.00              | -37.68       |
| 1591.000     | -57.07          | -58.96                    | 9.21                       | -7.32               | -13.00              | -44.07       |
| 2386.500     | -57.15          | -58.20                    | 10.10                      | -9.05               | -13.00              | -44.15       |
| 3545.000     | -45.54          | -46.67                    | 12.23                      | -11.10              | -13.00              | -32.54       |
| 5317.500     | -53.52          | -53.08                    | 13.30                      | -13.74              | -13.00              | -40.52       |
| 7090.000     | -40.01          | -35.15                    | 11.12                      | -15.98              | -13.00              | -27.01       |

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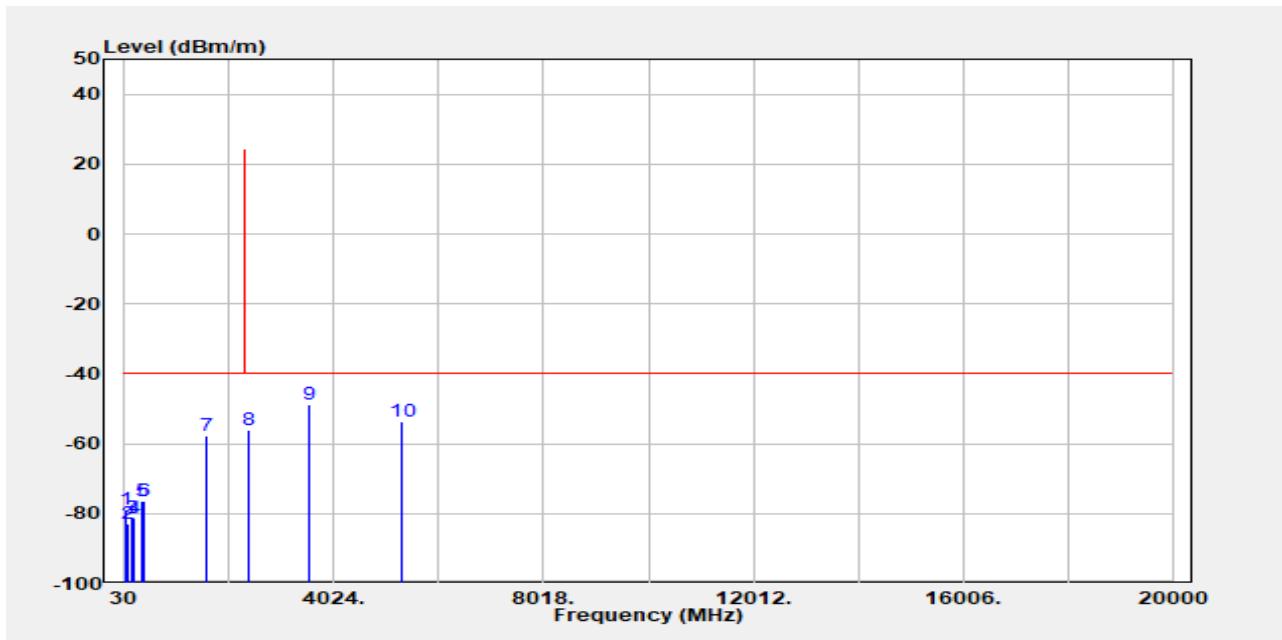
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Report Number :TERF2501000195ER Test Site :SAC 3  
 Operation Mode :NRCA\_n14A\_n66A Test Date :2025-03-27  
 Test Mode :Tx Temp./Humi. :21.7°C/61%  
 EUT Pol :H Plane Antenna Pol. :Horizontal  
 Test Frequency :795.5\_1772.5 MHz Engineer :Nick Lin



| 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 |
|--------------|-----------------|---------------------------|----------------------------|---------------------|---------------------|--------------|
| 57.160       | -78.94          | -67.01                    | -10.54                     | -1.39               | -40.00              | -38.94       |
| 94.990       | -83.01          | -80.45                    | -0.77                      | -1.78               | -40.00              | -43.01       |
| 161.920      | -81.23          | -78.06                    | -0.84                      | -2.33               | -40.00              | -41.23       |
| 213.330      | -81.44          | -83.23                    | 4.46                       | -2.67               | -40.00              | -41.44       |
| 364.650      | -76.48          | -77.23                    | 4.23                       | -3.48               | -40.00              | -36.48       |
| 399.570      | -76.45          | -76.72                    | 3.92                       | -3.65               | -40.00              | -36.45       |
| 1591.000     | -57.76          | -59.65                    | 9.21                       | -7.32               | -13.00              | -44.76       |
| 2386.500     | -56.26          | -57.31                    | 10.10                      | -9.05               | -13.00              | -43.26       |
| 3545.000     | -48.81          | -49.94                    | 12.23                      | -11.10              | -13.00              | -35.81       |
| 5317.500     | -53.74          | -53.30                    | 13.30                      | -13.74              | -13.00              | -40.74       |

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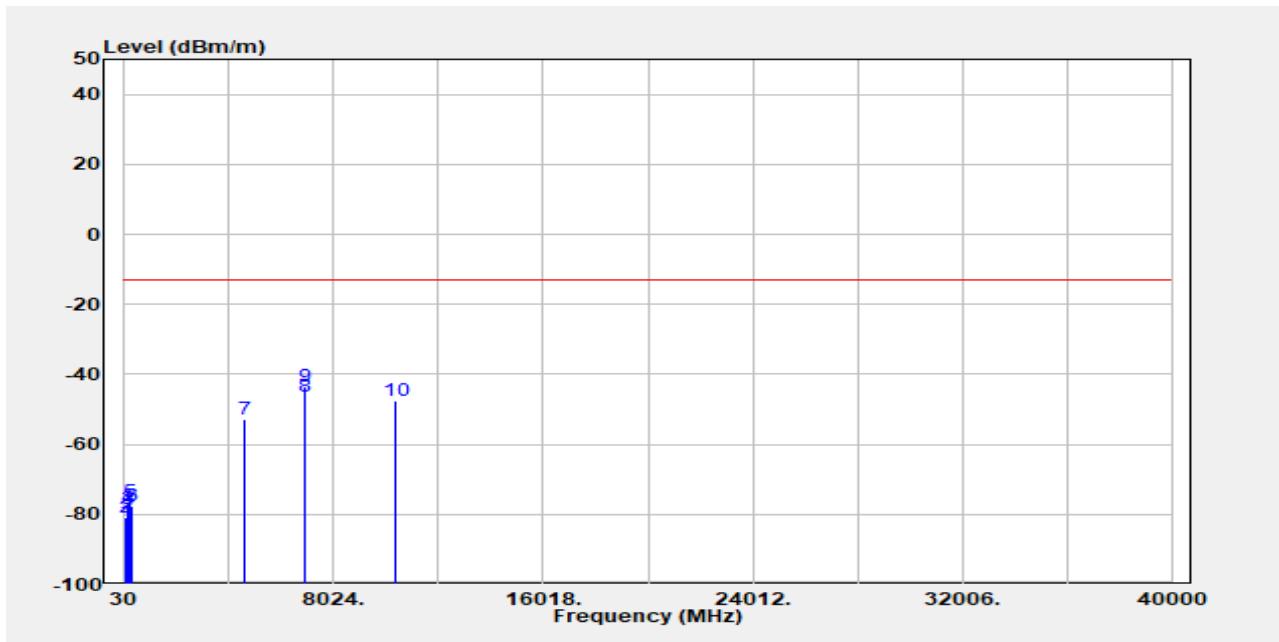
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Report Number :TERF2501000195ER Test Site :SAC 3  
Operation Mode :NRCA\_n30A\_n77A Test Date :2025-03-27  
Test Mode :Tx Temp./Humi. :21.7°C/61%  
EUT Pol :H Plane Antenna Pol. :Vertical  
Test Frequency :2310\_3457.5 MHz Engineer :Nick Lin



| 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 |
|--------------|-----------------|---------------------------|----------------------------|---------------------|---------------------|--------------|
| 46.490       | -81.99          | -68.26                    | -12.47                     | -1.25               | -13.00              | -68.99       |
| 81.410       | -80.77          | -76.55                    | -2.56                      | -1.65               | -13.00              | -67.77       |
| 129.910      | -78.30          | -74.48                    | -1.74                      | -2.09               | -13.00              | -65.30       |
| 180.350      | -78.08          | -76.91                    | 1.27                       | -2.45               | -13.00              | -65.08       |
| 232.730      | -76.57          | -78.11                    | 4.32                       | -2.79               | -13.00              | -63.57       |
| 291.900      | -77.64          | -78.27                    | 3.75                       | -3.12               | -13.00              | -64.64       |
| 4620.000     | -52.77          | -52.59                    | 12.56                      | -12.74              | -13.00              | -39.77       |
| 6915.000     | -46.42          | -42.60                    | 11.94                      | -15.76              | -13.00              | -33.42       |
| 6930.000     | -43.42          | -39.52                    | 11.88                      | -15.78              | -13.00              | -30.42       |
| 10372.500    | -47.71          | -39.66                    | 11.40                      | -19.44              | -13.00              | -34.71       |

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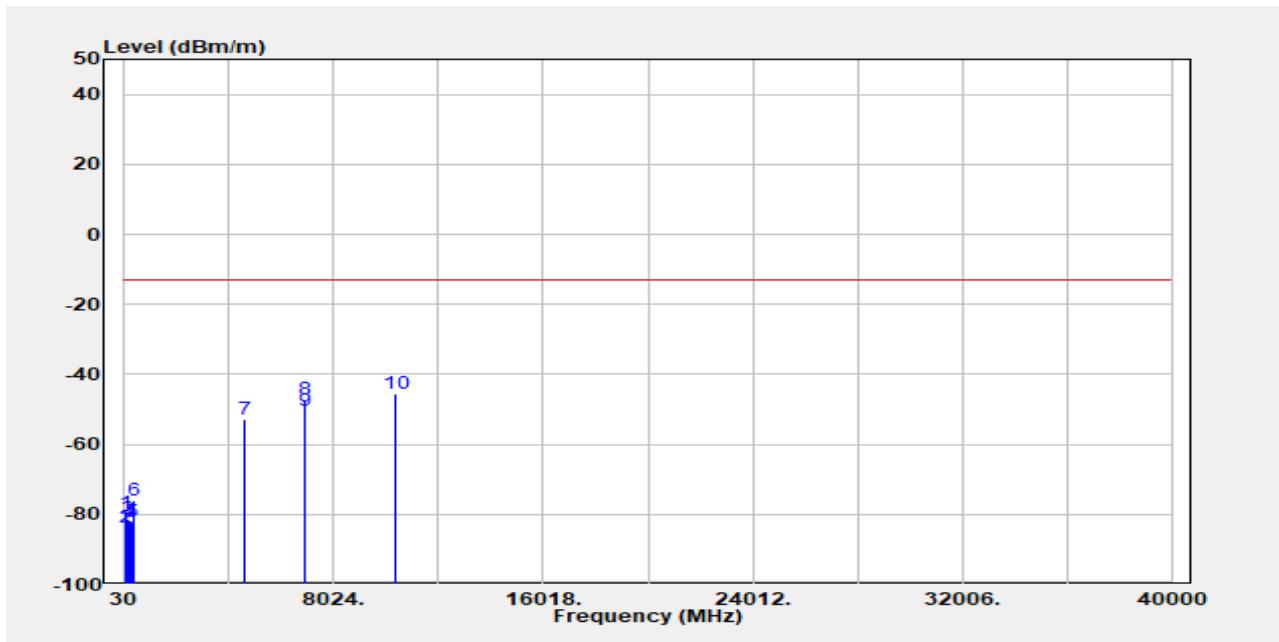
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Report Number :TERF2501000195ER  
 Operation Mode :NRCA\_n30A\_n77A  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :2310\_3457.5 MHz  
 Test Site :SAC 3  
 Test Date :2025-03-27  
 Temp./Humi. :21.7°C/61%  
 Antenna Pol. :Horizontal  
 Engineer :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 |
|--------------|-----------------|---------------------------|----------------------------|---------------------|---------------------|--------------|
| 57.160       | -79.81          | -67.88                    | -10.54                     | -1.39               | -13.00              | -66.81       |
| 89.170       | -83.61          | -80.87                    | -1.01                      | -1.73               | -13.00              | -70.61       |
| 168.710      | -81.48          | -78.82                    | -0.27                      | -2.38               | -13.00              | -68.48       |
| 206.540      | -82.05          | -83.54                    | 4.11                       | -2.63               | -13.00              | -69.05       |
| 276.380      | -81.96          | -82.60                    | 3.68                       | -3.04               | -13.00              | -68.96       |
| 378.230      | -76.21          | -76.66                    | 4.01                       | -3.55               | -13.00              | -63.21       |
| 4620.000     | -52.78          | -52.60                    | 12.56                      | -12.74              | -13.00              | -39.78       |
| 6915.000     | -47.19          | -43.36                    | 11.94                      | -15.76              | -13.00              | -34.19       |
| 6930.000     | -50.24          | -46.34                    | 11.88                      | -15.78              | -13.00              | -37.24       |
| 10372.500    | -45.59          | -37.54                    | 11.40                      | -19.44              | -13.00              | -32.59       |

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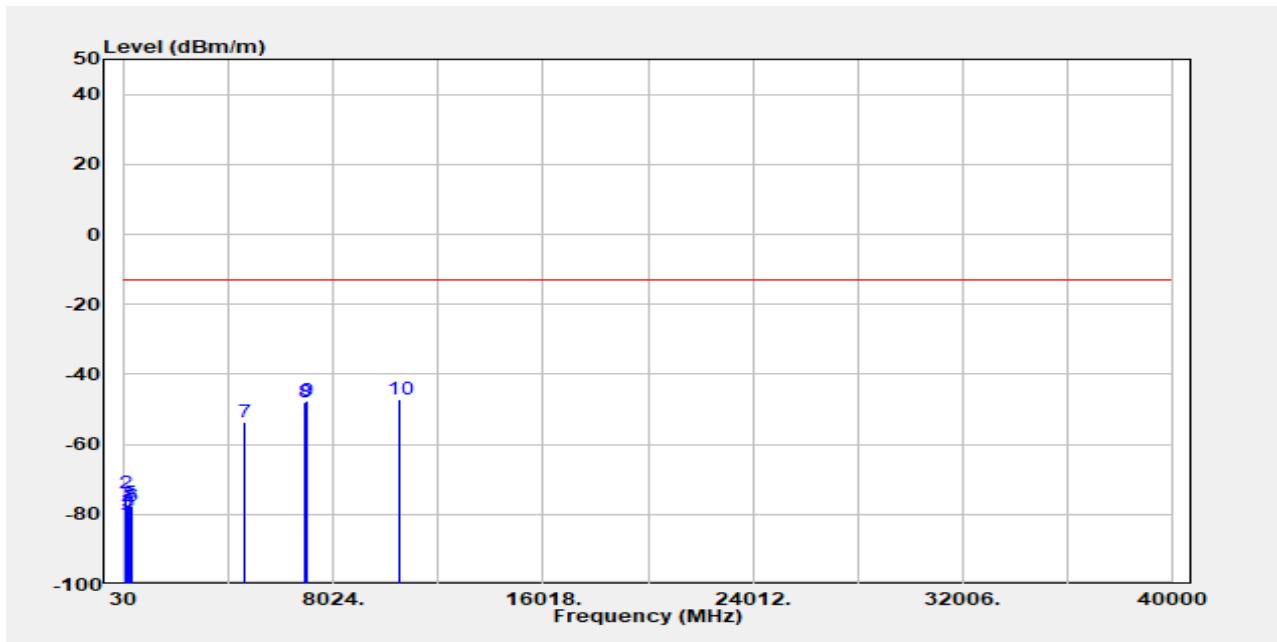
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Report Number :TERF2501000195ER Test Site :SAC 3  
Operation Mode :NRCA\_n30A\_n77A Test Date :2025-03-27  
Test Mode :Tx Temp./Humi. :21.7°C/61%  
EUT Pol :H Plane Antenna Pol. :Vertical  
Test Frequency :2310\_3500.01 MHz Engineer :Nick Lin



| 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 |
|--------------|-----------------|---------------------------|----------------------------|---------------------|---------------------|--------------|
| 43.580       | -82.52          | -68.59                    | -12.72                     | -1.21               | -13.00              | -69.52       |
| 80.440       | -74.15          | -69.57                    | -2.94                      | -1.64               | -13.00              | -61.15       |
| 135.730      | -79.29          | -75.39                    | -1.77                      | -2.13               | -13.00              | -66.29       |
| 177.440      | -78.29          | -76.76                    | 0.91                       | -2.43               | -13.00              | -65.29       |
| 229.820      | -76.68          | -78.63                    | 4.72                       | -2.77               | -13.00              | -63.68       |
| 280.260      | -77.64          | -78.30                    | 3.72                       | -3.06               | -13.00              | -64.64       |
| 4620.000     | -53.82          | -53.65                    | 12.56                      | -12.74              | -13.00              | -40.82       |
| 6930.000     | -48.15          | -44.25                    | 11.88                      | -15.78              | -13.00              | -35.15       |
| 7000.020     | -47.37          | -43.00                    | 11.50                      | -15.87              | -13.00              | -34.37       |
| 10500.030    | -47.06          | -38.88                    | 11.40                      | -19.58              | -13.00              | -34.06       |

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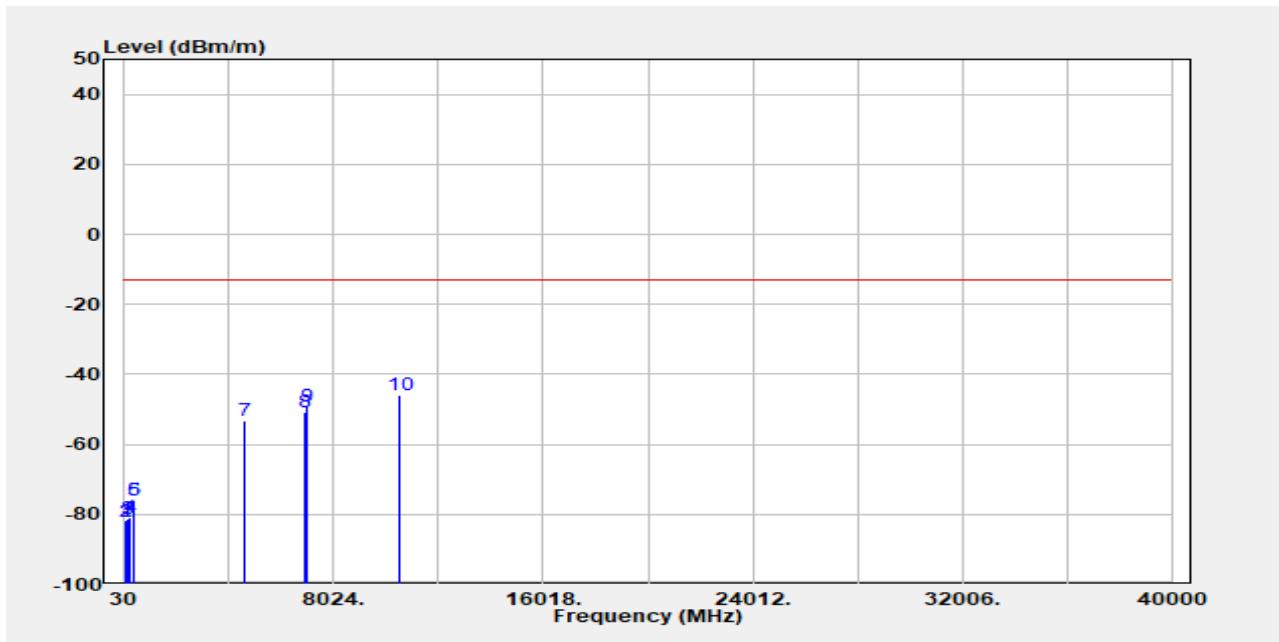
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Report Number :TERF2501000195ER  
Operation Mode :NRCA\_n30A\_n77A  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :2310\_3500.01 MHz

Test Site :SAC 3  
Test Date :2025-03-27  
Temp./Humi. :21.7°C/61%  
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       | -81.68          | -71.39                    | -8.83                      | -1.45               | -13.00              | -68.68       |
| 116.330      | -82.28          | -78.83                    | -1.47                      | -1.98               | -13.00              | -69.28       |
| 171.620      | -81.44          | -79.07                    | 0.03                       | -2.40               | -13.00              | -68.44       |
| 214.300      | -81.07          | -82.90                    | 4.50                       | -2.68               | -13.00              | -68.07       |
| 374.350      | -76.08          | -76.62                    | 4.07                       | -3.53               | -13.00              | -63.08       |
| 411.210      | -76.03          | -76.40                    | 4.06                       | -3.70               | -13.00              | -63.03       |
| 4620.000     | -53.43          | -53.25                    | 12.56                      | -12.74              | -13.00              | -40.43       |
| 6930.000     | -50.96          | -47.06                    | 11.88                      | -15.78              | -13.00              | -37.96       |
| 7000.020     | -49.37          | -45.00                    | 11.50                      | -15.87              | -13.00              | -36.37       |
| 10500.030    | -45.77          | -37.59                    | 11.40                      | -19.58              | -13.00              | -32.77       |

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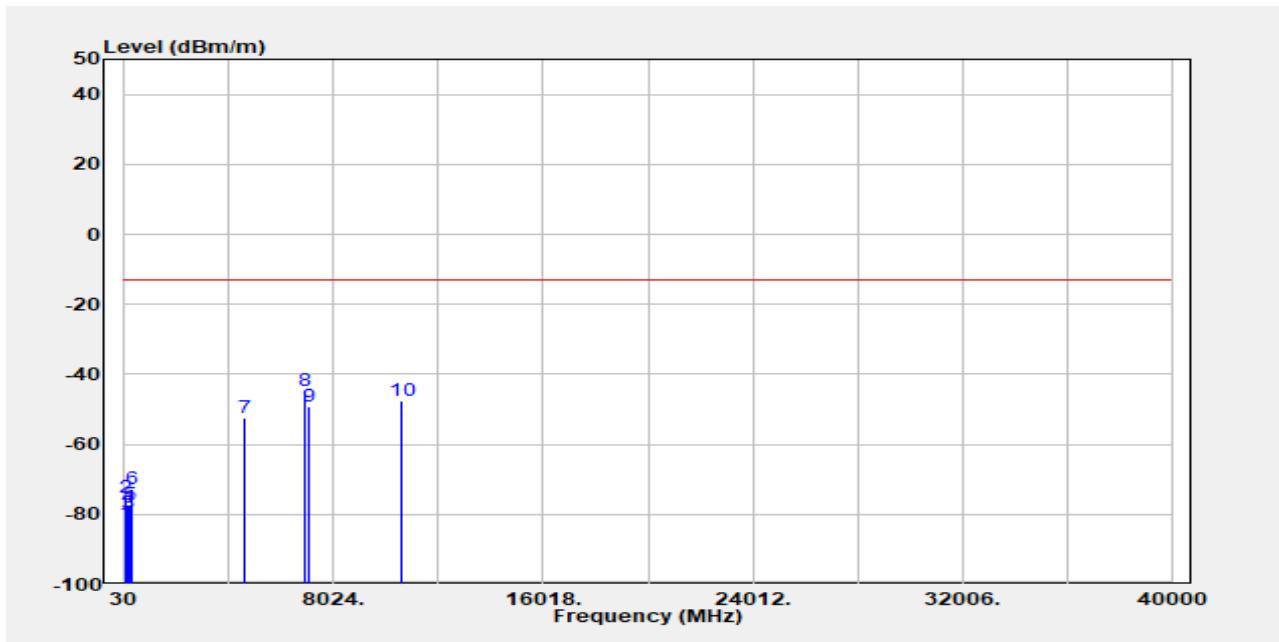
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Report Number :TERF2501000195ER  
 Operation Mode :NRCA\_n30A\_n77A  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :2310\_3542.49 MHz  
 Test Site :SAC 3  
 Test Date :2025-03-27  
 Temp./Humi. :21.7°C/61%  
 Antenna Pol. :Vertical  
 Engineer :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 |
|--------------|-----------------|---------------------------|----------------------------|---------------------|---------------------|--------------|
| 61.040       | -82.61          | -71.78                    | -9.40                      | -1.43               | -13.00              | -69.61       |
| 76.560       | -75.19          | -69.21                    | -4.37                      | -1.60               | -13.00              | -62.19       |
| 130.880      | -79.53          | -75.67                    | -1.77                      | -2.10               | -13.00              | -66.53       |
| 181.320      | -77.86          | -76.87                    | 1.48                       | -2.46               | -13.00              | -64.86       |
| 226.910      | -77.27          | -79.42                    | 4.90                       | -2.75               | -13.00              | -64.27       |
| 272.500      | -72.70          | -73.41                    | 3.74                       | -3.02               | -13.00              | -59.70       |
| 4620.000     | -52.58          | -52.40                    | 12.56                      | -12.74              | -13.00              | -39.58       |
| 6930.000     | -44.78          | -40.88                    | 11.88                      | -15.78              | -13.00              | -31.78       |
| 7084.980     | -49.03          | -44.18                    | 11.13                      | -15.97              | -13.00              | -36.03       |
| 10627.470    | -47.46          | -39.15                    | 11.35                      | -19.66              | -13.00              | -34.46       |

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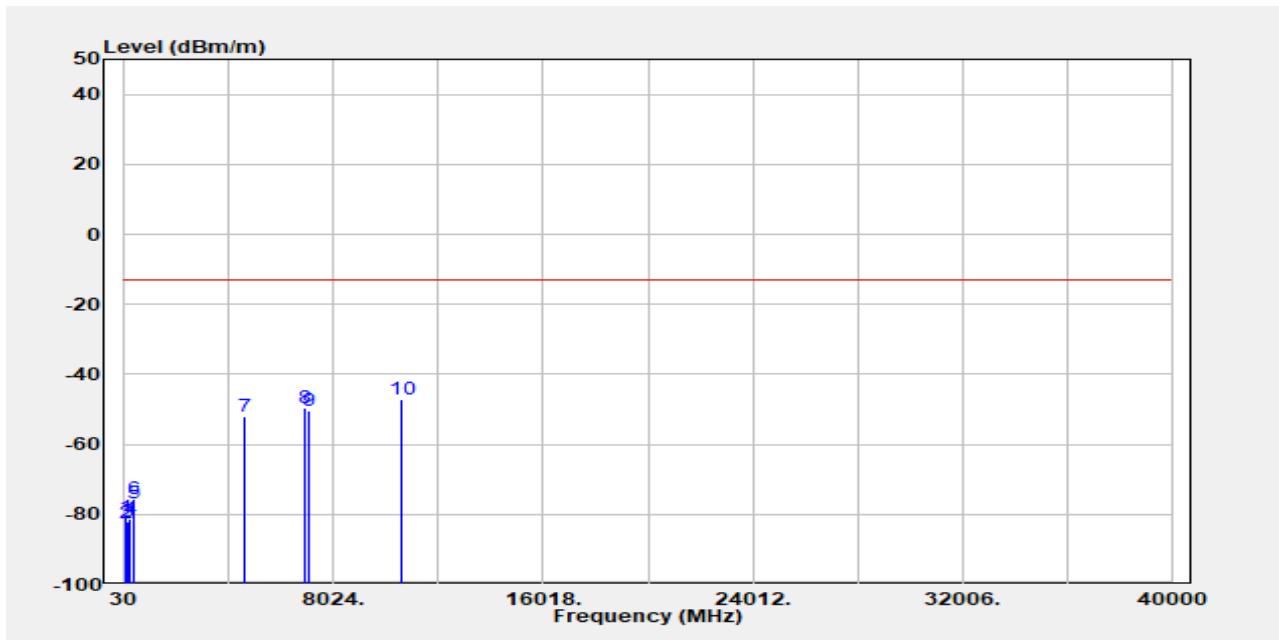
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Report Number :TERF2501000195ER  
Operation Mode :NRCA\_n30A\_n77A  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :2310\_3542.49 MHz

Test Site :SAC 3  
Test Date :2025-03-27  
Temp./Humi. :21.7°C/61%  
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 |
|--------------|-----------------|---------------------------|----------------------------|---------------------|---------------------|--------------|
| 68.800       | -80.84          | -72.26                    | -7.07                      | -1.52               | -13.00              | -67.84       |
| 95.960       | -82.59          | -79.93                    | -0.87                      | -1.79               | -13.00              | -69.59       |
| 172.590      | -82.03          | -79.80                    | 0.18                       | -2.41               | -13.00              | -69.03       |
| 209.450      | -81.40          | -83.04                    | 4.29                       | -2.65               | -13.00              | -68.40       |
| 370.470      | -76.73          | -77.35                    | 4.13                       | -3.51               | -13.00              | -63.73       |
| 412.180      | -75.74          | -76.12                    | 4.08                       | -3.70               | -13.00              | -62.74       |
| 4620.000     | -52.23          | -52.06                    | 12.56                      | -12.74              | -13.00              | -39.23       |
| 6930.000     | -49.73          | -45.83                    | 11.88                      | -15.78              | -13.00              | -36.73       |
| 7084.980     | -50.38          | -45.53                    | 11.13                      | -15.97              | -13.00              | -37.38       |
| 10627.470    | -46.98          | -38.67                    | 11.35                      | -19.66              | -13.00              | -33.98       |

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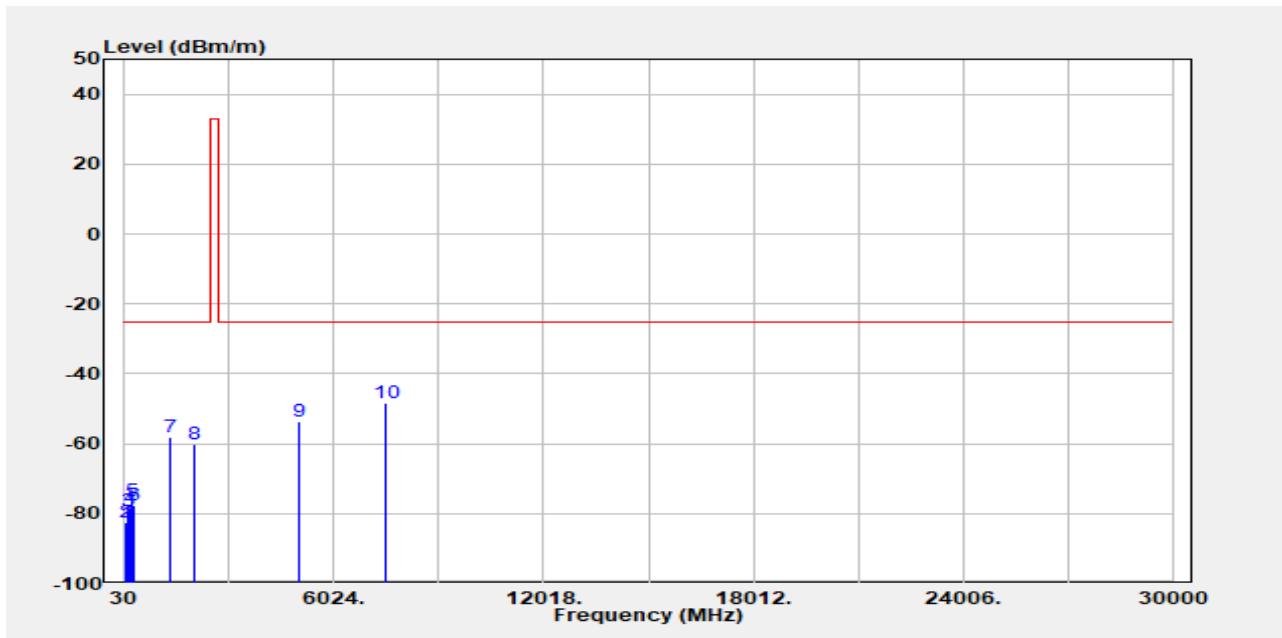
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Report Number :TERF2501000195ER Test Site :SAC 3  
Operation Mode :NRCA\_n41A\_n71A Test Date :2025-03-27  
Test Mode :Tx Temp./Humi. :21.7°C/61%  
EUT Pol :H Plane Antenna Pol. :Vertical  
Test Frequency :2501.01\_670.5 MHz Engineer :Nick Lin



| 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 |
|--------------|-----------------|---------------------------|----------------------------|---------------------|---------------------|--------------|
| 49.400       | -83.07          | -69.67                    | -12.11                     | -1.29               | -25.00              | -58.07       |
| 81.410       | -82.48          | -78.27                    | -2.56                      | -1.65               | -25.00              | -57.48       |
| 131.850      | -79.38          | -75.56                    | -1.72                      | -2.10               | -25.00              | -54.38       |
| 179.380      | -78.46          | -77.18                    | 1.16                       | -2.45               | -25.00              | -53.46       |
| 228.850      | -76.43          | -78.44                    | 4.78                       | -2.76               | -25.00              | -51.43       |
| 279.290      | -77.53          | -78.19                    | 3.71                       | -3.06               | -25.00              | -52.53       |
| 1341.000     | -57.96          | -58.64                    | 7.40                       | -6.72               | -25.00              | -32.96       |
| 2011.500     | -60.20          | -62.51                    | 10.59                      | -8.28               | -25.00              | -35.20       |
| 5002.020     | -53.62          | -52.92                    | 12.60                      | -13.29              | -25.00              | -28.62       |
| 7503.030     | -48.37          | -42.95                    | 11.01                      | -16.43              | -25.00              | -23.37       |

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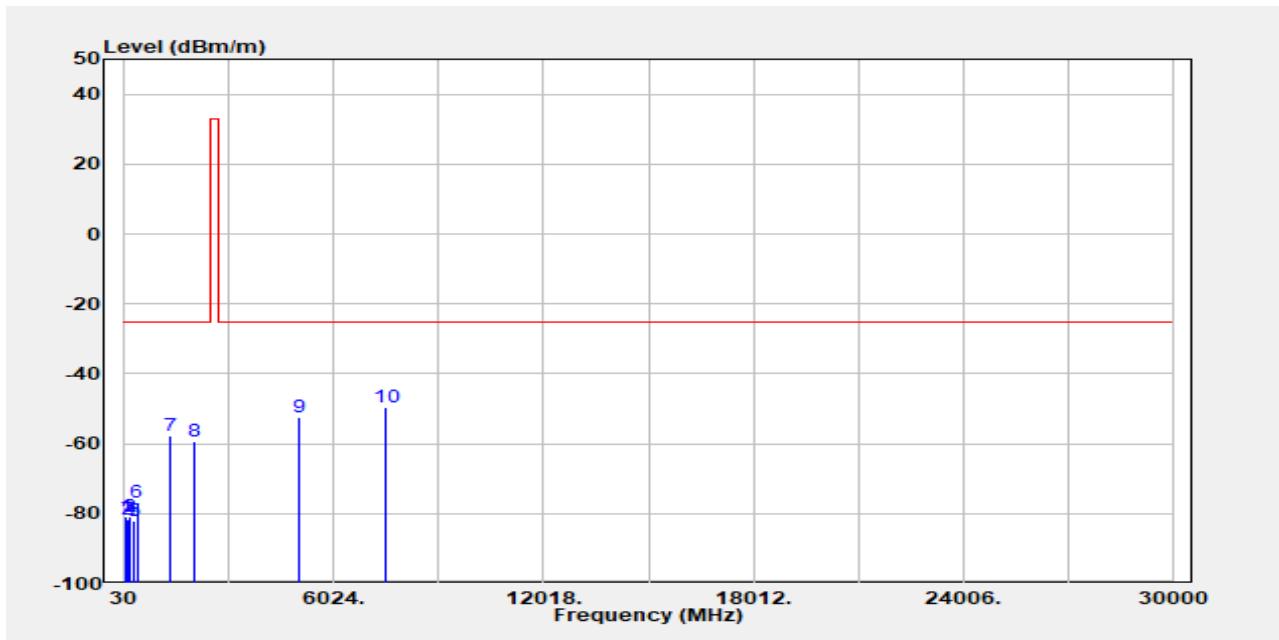
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Report Number :TERF2501000195ER Test Site :SAC 3  
 Operation Mode :NRCA\_n41A\_n71A Test Date :2025-03-27  
 Test Mode :Tx Temp./Humi. :21.7°C/61%  
 EUT Pol :H Plane Antenna Pol. :Horizontal  
 Test Frequency :2501.01\_670.5 MHz Engineer :Nick Lin



| 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       | -80.92          | -73.55                    | -5.82                      | -1.56               | -25.00              | -55.92       |
| 121.180      | -81.80          | -78.31                    | -1.47                      | -2.02               | -25.00              | -56.80       |
| 179.380      | -80.74          | -79.45                    | 1.16                       | -2.45               | -25.00              | -55.74       |
| 206.540      | -81.89          | -83.37                    | 4.11                       | -2.63               | -25.00              | -56.89       |
| 294.810      | -82.25          | -82.90                    | 3.78                       | -3.13               | -25.00              | -57.25       |
| 382.110      | -76.93          | -77.31                    | 3.94                       | -3.57               | -25.00              | -51.93       |
| 1341.000     | -57.62          | -58.30                    | 7.40                       | -6.72               | -25.00              | -32.62       |
| 2011.500     | -59.30          | -61.61                    | 10.59                      | -8.28               | -25.00              | -34.30       |
| 5002.020     | -52.60          | -51.90                    | 12.60                      | -13.29              | -25.00              | -27.60       |
| 7503.030     | -49.42          | -44.00                    | 11.01                      | -16.43              | -25.00              | -24.42       |

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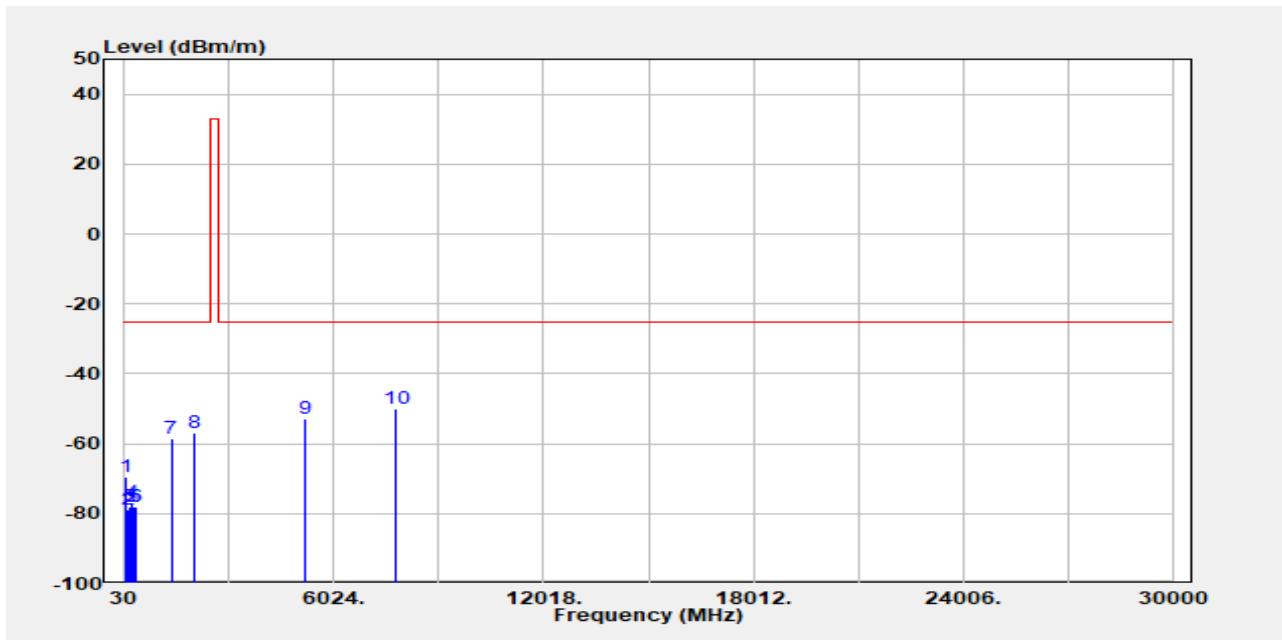
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Report Number :TERF2501000195ER Test Site :SAC 3  
Operation Mode :NRCA\_n41A\_n71A Test Date :2025-03-27  
Test Mode :Tx Temp./Humi. :21.7°C/61%  
EUT Pol :H Plane Antenna Pol. :Vertical  
Test Frequency :2593.02\_680.5 MHz Engineer :Nick Lin



| 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       | -69.36          | -64.17                    | -3.58                      | -1.62               | -25.00              | -44.36       |
| 130.880      | -78.81          | -74.95                    | -1.77                      | -2.10               | -25.00              | -53.81       |
| 178.410      | -78.17          | -76.78                    | 1.05                       | -2.44               | -25.00              | -53.17       |
| 228.850      | -76.93          | -78.95                    | 4.78                       | -2.76               | -25.00              | -51.93       |
| 279.290      | -78.05          | -78.71                    | 3.71                       | -3.06               | -25.00              | -53.05       |
| 329.730      | -77.86          | -78.40                    | 3.85                       | -3.32               | -25.00              | -52.86       |
| 1361.000     | -58.71          | -59.44                    | 7.50                       | -6.77               | -25.00              | -33.71       |
| 2041.500     | -57.10          | -58.98                    | 10.22                      | -8.34               | -25.00              | -32.10       |
| 5186.040     | -52.72          | -51.78                    | 12.62                      | -13.56              | -25.00              | -27.72       |
| 7779.060     | -49.86          | -44.65                    | 11.54                      | -16.75              | -25.00              | -24.86       |

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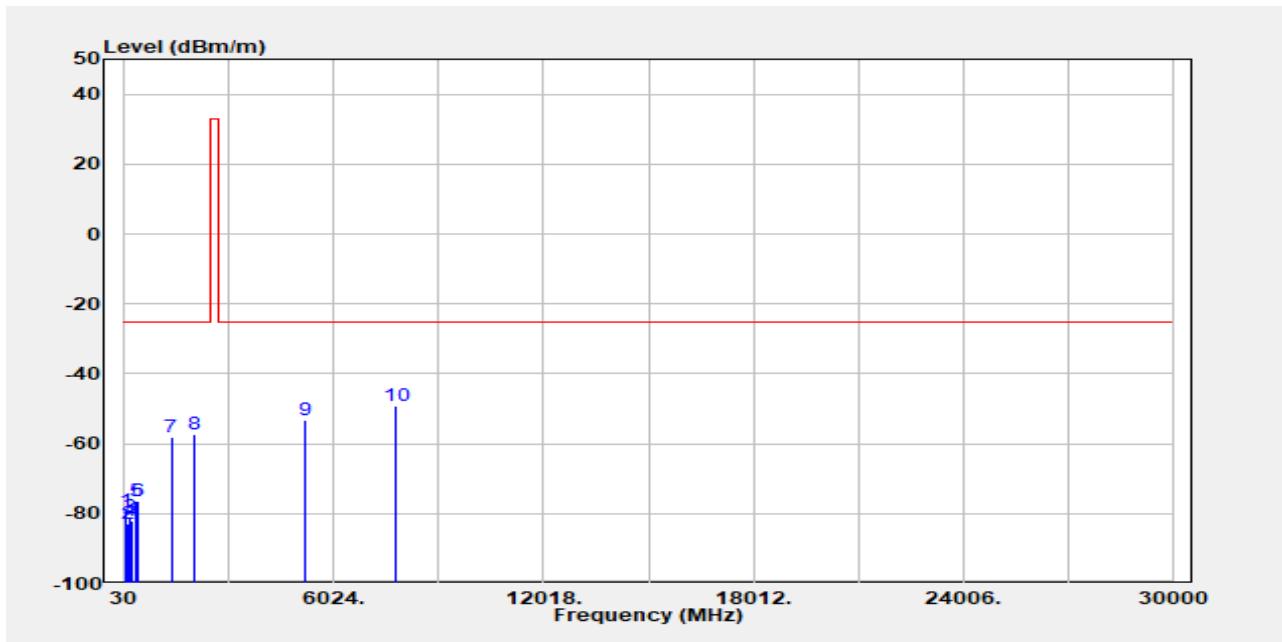
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Report Number :TERF2501000195ER Test Site :SAC 3  
Operation Mode :NRCA\_n41A\_n71A Test Date :2025-03-27  
Test Mode :Tx Temp./Humi. :21.7°C/61%  
EUT Pol :H Plane Antenna Pol. :Horizontal  
Test Frequency :2593.02\_680.5 MHz Engineer :Nick Lin



| 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 |
|--------------|-----------------|---------------------------|----------------------------|---------------------|---------------------|--------------|
| 81.410       | -79.30          | -75.08                    | -2.56                      | -1.65               | -25.00              | -54.30       |
| 124.090      | -82.87          | -79.28                    | -1.55                      | -2.04               | -25.00              | -57.87       |
| 173.560      | -81.04          | -79.01                    | 0.38                       | -2.41               | -25.00              | -56.04       |
| 209.450      | -82.26          | -83.90                    | 4.29                       | -2.65               | -25.00              | -57.26       |
| 375.320      | -76.26          | -76.78                    | 4.05                       | -3.54               | -25.00              | -51.26       |
| 411.210      | -76.47          | -76.83                    | 4.06                       | -3.70               | -25.00              | -51.47       |
| 1361.000     | -58.07          | -58.81                    | 7.50                       | -6.77               | -25.00              | -33.07       |
| 2041.500     | -57.26          | -59.13                    | 10.22                      | -8.34               | -25.00              | -32.26       |
| 5186.040     | -53.22          | -52.28                    | 12.62                      | -13.56              | -25.00              | -28.22       |
| 7779.060     | -49.25          | -44.04                    | 11.54                      | -16.75              | -25.00              | -24.25       |

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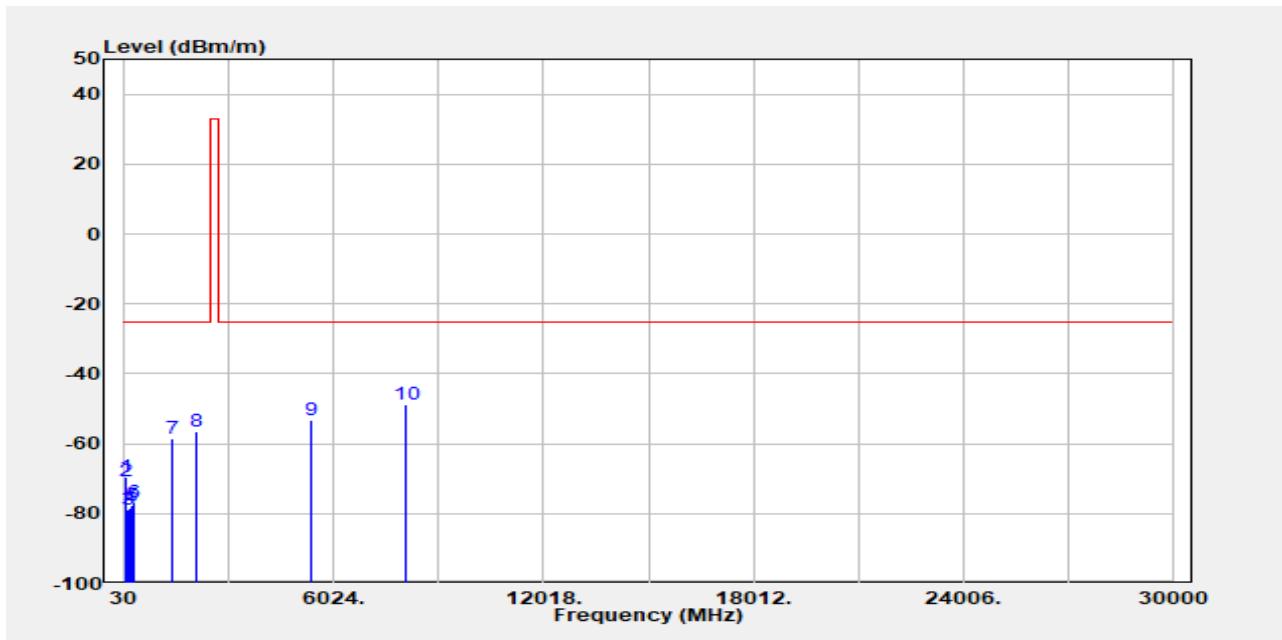
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Report Number :TERF2501000195ER Test Site :SAC 3  
Operation Mode :NRCA\_n41A\_n71A Test Date :2025-03-27  
Test Mode :Tx Temp./Humi. :21.7°C/61%  
EUT Pol :H Plane Antenna Pol. :Vertical  
Test Frequency :2685\_690.5 MHz Engineer :Nick Lin



| 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 |
|--------------|-----------------|---------------------------|----------------------------|---------------------|---------------------|--------------|
| 69.770       | -69.44          | -61.22                    | -6.69                      | -1.53               | -25.00              | -44.44       |
| 81.410       | -70.78          | -66.56                    | -2.56                      | -1.65               | -25.00              | -45.78       |
| 136.700      | -78.85          | -75.00                    | -1.71                      | -2.14               | -25.00              | -53.85       |
| 177.440      | -78.48          | -76.95                    | 0.91                       | -2.43               | -25.00              | -53.48       |
| 232.730      | -77.51          | -79.05                    | 4.32                       | -2.79               | -25.00              | -52.51       |
| 273.470      | -76.91          | -77.60                    | 3.71                       | -3.03               | -25.00              | -51.91       |
| 1381.000     | -58.60          | -59.19                    | 7.40                       | -6.81               | -25.00              | -33.60       |
| 2071.500     | -56.62          | -58.29                    | 10.07                      | -8.40               | -25.00              | -31.62       |
| 5370.000     | -53.43          | -52.84                    | 13.22                      | -13.81              | -25.00              | -28.43       |
| 8055.000     | -48.87          | -42.82                    | 11.02                      | -17.07              | -25.00              | -23.87       |

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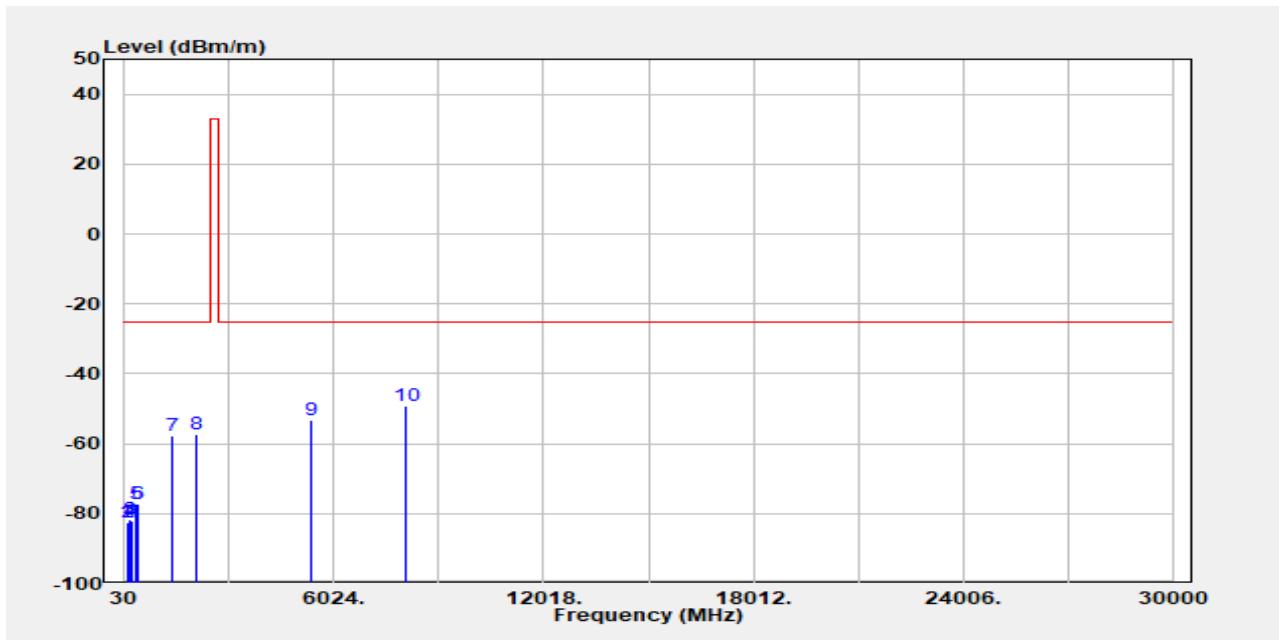
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Report Number :TERF2501000195ER Test Site :SAC 3  
Operation Mode :NRCA\_n41A\_n71A Test Date :2025-03-27  
Test Mode :Tx Temp./Humi. :21.7°C/61%  
EUT Pol :H Plane Antenna Pol. :Horizontal  
Test Frequency :2685\_690.5 MHz Engineer :Nick Lin



| 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       | -82.63          | -80.07                    | -0.77                      | -1.78               | -25.00              | -57.63       |
| 117.300      | -82.50          | -78.94                    | -1.57                      | -1.99               | -25.00              | -57.50       |
| 167.740      | -81.54          | -78.81                    | -0.35                      | -2.37               | -25.00              | -56.54       |
| 208.480      | -81.97          | -83.56                    | 4.23                       | -2.64               | -25.00              | -56.97       |
| 372.410      | -77.23          | -77.81                    | 4.10                       | -3.52               | -25.00              | -52.23       |
| 406.360      | -77.12          | -77.41                    | 3.96                       | -3.68               | -25.00              | -52.12       |
| 1381.000     | -57.66          | -58.25                    | 7.40                       | -6.81               | -25.00              | -32.66       |
| 2071.500     | -57.32          | -58.98                    | 10.07                      | -8.40               | -25.00              | -32.32       |
| 5370.000     | -53.39          | -52.81                    | 13.22                      | -13.81              | -25.00              | -28.39       |
| 8055.000     | -49.31          | -43.26                    | 11.02                      | -17.07              | -25.00              | -24.31       |

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## 6 FREQUENCY STABILITY MEASUREMENT

**Note:** The module's voltage is 3.3Vdc.

| 5G NR BAND n2           |            |                 |         |                     |
|-------------------------|------------|-----------------|---------|---------------------|
| Reference Freq.:        |            | Modulation.:    |         | CP-OFDM QPSK        |
| SCS.:                   | 15 kHz     | Bandwidth:      |         | 20MHz               |
| CH                      | 376000     | Frequency(MHz): |         | 1880.00             |
| Freq. ERROR vs. VOLTAGE |            |                 |         |                     |
| Power Supply Vdc        | Temp. (°C) | Freq. (MHz)     | (ppm)   | Limit = +/- 2.5 ppm |
| 4.4                     | 20         | 1879.999991     | -0.0050 | +/- 2.5 ppm         |
| 3.3                     | 20         | 1879.999988     | -0.0065 |                     |
| 3.135                   | 20         | 1880.000008     | 0.0045  |                     |
| 2.9<br>(End Point)      | 20         | 1879.999996     | -0.0022 |                     |
| Freq. ERROR vs. Temp.   |            |                 |         |                     |
| Power Supply Vdc        | Temp. (°C) | Freq. (MHz)     | (ppm)   | Limit = +/- 2.5 ppm |
| 3.3                     | -30        | 1879.999987     | -0.0069 | +/- 2.5 ppm         |
| 3.3                     | -20        | 1879.999983     | -0.0091 |                     |
| 3.3                     | -10        | 1880.000011     | 0.0056  |                     |
| 3.3                     | 0          | 1880.000019     | 0.0103  |                     |
| 3.3                     | 10         | 1879.999988     | -0.0063 |                     |
| 3.3                     | 20         | 1879.999992     | -0.0041 |                     |
| 3.3                     | 30         | 1880.000009     | 0.0050  |                     |
| 3.3                     | 40         | 1879.999994     | -0.0032 |                     |
| 3.3                     | 50         | 1879.999994     | -0.0033 |                     |

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| 5G NR BAND n5           |            |                 |         |                     |
|-------------------------|------------|-----------------|---------|---------------------|
| Reference Freq.:        |            | Modulation.:    |         | CP-OFDM QPSK        |
| SCS.:                   | 15 kHz     | Bandwidth:      |         | 20MHz               |
| CH                      | 167300     | Frequency(MHz): |         | 836.50              |
| Freq. ERROR vs. VOLTAGE |            |                 |         |                     |
| Power Supply Vdc        | Temp. (°C) | Freq. (MHz)     | (ppm)   | Limit = +/- 2.5 ppm |
| 4.4                     | 20         | 836.500023      | 0.0278  | +/- 2.5 ppm         |
| 3.3                     | 20         | 836.499978      | -0.0265 |                     |
| 3.135                   | 20         | 836.499998      | -0.0022 |                     |
| 2.9<br>(End Point)      | 20         | 836.500006      | 0.0074  |                     |
| Freq. ERROR vs. Temp.   |            |                 |         |                     |
| Power Supply Vdc        | Temp. (°C) | Freq. (MHz)     | (ppm)   | Limit = +/- 2.5 ppm |
| 3.3                     | -30        | 836.500015      | 0.0183  | +/- 2.5 ppm         |
| 3.3                     | -20        | 836.500020      | 0.0244  |                     |
| 3.3                     | -10        | 836.499991      | -0.0107 |                     |
| 3.3                     | 0          | 836.499989      | -0.0129 |                     |
| 3.3                     | 10         | 836.499990      | -0.0115 |                     |
| 3.3                     | 20         | 836.499984      | -0.0194 |                     |
| 3.3                     | 30         | 836.500028      | 0.0339  |                     |
| 3.3                     | 40         | 836.499991      | -0.0109 |                     |
| 3.3                     | 50         | 836.500018      | 0.0220  |                     |

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| 5G NR BAND n7           |            |                 |         |                     |
|-------------------------|------------|-----------------|---------|---------------------|
| Reference Freq.:        |            | Modulation.:    |         | CP-OFDM QPSK        |
| SCS.:                   | 15 kHz     | Bandwidth:      |         | 50MHz               |
| CH                      | 507000     | Frequency(MHz): |         | 2535.00             |
| Freq. ERROR vs. VOLTAGE |            |                 |         |                     |
| Power Supply<br>Vdc     | Temp. (°C) | Freq. (MHz)     | (ppm)   | Limit = +/- 2.5 ppm |
| 4.4                     | 20         | 2534.999987     | -0.0051 | +/- 2.5 ppm         |
| 3.3                     | 20         | 2535.000028     | 0.0111  |                     |
| 3.135                   | 20         | 2535.000016     | 0.0064  |                     |
| 2.9<br>(End Point)      | 20         | 2535.000002     | 0.0007  |                     |
| Freq. ERROR vs. Temp.   |            |                 |         |                     |
| Power Supply<br>Vdc     | Temp. (°C) | Freq. (MHz)     | (ppm)   | Limit = +/- 2.5 ppm |
| 3.3                     | -30        | 2535.000019     | 0.0077  | +/- 2.5 ppm         |
| 3.3                     | -20        | 2535.000011     | 0.0044  |                     |
| 3.3                     | -10        | 2534.999996     | -0.0015 |                     |
| 3.3                     | 0          | 2535.000003     | 0.0012  |                     |
| 3.3                     | 10         | 2534.999980     | -0.0080 |                     |
| 3.3                     | 20         | 2534.999986     | -0.0057 |                     |
| 3.3                     | 30         | 2534.999994     | -0.0023 |                     |
| 3.3                     | 40         | 2535.000020     | 0.0079  |                     |
| 3.3                     | 50         | 2535.000019     | 0.0073  |                     |

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| 5G NR BAND n12          |            |                 |         |                     |
|-------------------------|------------|-----------------|---------|---------------------|
| Reference Freq.:        |            | Modulation.:    |         | CP-OFDM QPSK        |
| SCS.:                   | 15 kHz     | Bandwidth:      |         | 15MHz               |
| CH                      | 141500     | Frequency(MHz): |         | 707.50              |
| Freq. ERROR vs. VOLTAGE |            |                 |         |                     |
| Power Supply Vdc        | Temp. (°C) | Freq. (MHz)     | (ppm)   | Limit = +/- 2.5 ppm |
| 4.4                     | 20         | 707.499989      | -0.0153 | +/- 2.5 ppm         |
| 3.3                     | 20         | 707.499995      | -0.0071 |                     |
| 3.135                   | 20         | 707.500008      | 0.0117  |                     |
| 2.9<br>(End Point)      | 20         | 707.499988      | -0.0172 |                     |
| Freq. ERROR vs. Temp.   |            |                 |         |                     |
| Power Supply Vdc        | Temp. (°C) | Freq. (MHz)     | (ppm)   | Limit = +/- 2.5 ppm |
| 3.3                     | -30        | 707.499977      | -0.0327 | +/- 2.5 ppm         |
| 3.3                     | -20        | 707.500002      | 0.0031  |                     |
| 3.3                     | -10        | 707.499983      | -0.0245 |                     |
| 3.3                     | 0          | 707.500016      | 0.0226  |                     |
| 3.3                     | 10         | 707.500025      | 0.0353  |                     |
| 3.3                     | 20         | 707.499984      | -0.0225 |                     |
| 3.3                     | 30         | 707.500024      | 0.0339  |                     |
| 3.3                     | 40         | 707.500011      | 0.0154  |                     |
| 3.3                     | 50         | 707.499988      | -0.0168 |                     |

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| 5G NR BAND n14          |            |                 |         |                     |
|-------------------------|------------|-----------------|---------|---------------------|
| Reference Freq.:        |            | Modulation.:    |         | CP-OFDM QPSK        |
| SCS.:                   | 15 kHz     | Bandwidth:      |         | 10MHz               |
| CH                      | 158600     | Frequency(MHz): |         | 793.00              |
| Freq. ERROR vs. VOLTAGE |            |                 |         |                     |
| Power Supply Vdc        | Temp. (°C) | Freq. (MHz)     | (ppm)   | Limit = +/- 2.5 ppm |
| 4.4                     | 20         | 792.999998      | -0.0020 | +/- 2.5 ppm         |
| 3.3                     | 20         | 792.999986      | -0.0180 |                     |
| 3.135                   | 20         | 792.999979      | -0.0262 |                     |
| 2.9<br>(End Point)      | 20         | 792.999989      | -0.0141 |                     |
| Freq. ERROR vs. Temp.   |            |                 |         |                     |
| Power Supply Vdc        | Temp. (°C) | Freq. (MHz)     | (ppm)   | Limit = +/- 2.5 ppm |
| 3.3                     | -30        | 793.000013      | 0.0165  | +/- 2.5 ppm         |
| 3.3                     | -20        | 792.999997      | -0.0039 |                     |
| 3.3                     | -10        | 793.000019      | 0.0243  |                     |
| 3.3                     | 0          | 793.000016      | 0.0196  |                     |
| 3.3                     | 10         | 792.999985      | -0.0191 |                     |
| 3.3                     | 20         | 793.000016      | 0.0206  |                     |
| 3.3                     | 30         | 792.999985      | -0.0195 |                     |
| 3.3                     | 40         | 793.000019      | 0.0239  |                     |
| 3.3                     | 50         | 793.000023      | 0.0292  |                     |

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| 5G NR BAND n25          |            |             |                 |                     |
|-------------------------|------------|-------------|-----------------|---------------------|
| Reference Freq.:        |            |             | Modulation.:    | CP-OFDM QPSK        |
| SCS.:                   | 15 kHz     |             | Bandwidth:      | 40MHz               |
| CH                      | 376500     |             | Frequency(MHz): | 1882.50             |
| Freq. ERROR vs. VOLTAGE |            |             |                 |                     |
| Power Supply<br>Vdc     | Temp. (°C) | Freq. (MHz) | (ppm)           | Limit = +/- 2.5 ppm |
| 4.4                     | 20         | 1882.500026 | 0.0139          | +/- 2.5 ppm         |
| 3.3                     | 20         | 1882.499992 | -0.0041         |                     |
| 3.135                   | 20         | 1882.499986 | -0.0072         |                     |
| 2.9<br>(End Point)      | 20         | 1882.500007 | 0.0038          |                     |
| Freq. ERROR vs. Temp.   |            |             |                 |                     |
| Power Supply<br>Vdc     | Temp. (°C) | Freq. (MHz) | (ppm)           | Limit = +/- 2.5 ppm |
| 3.3                     | -30        | 1882.500018 | 0.0095          | +/- 2.5 ppm         |
| 3.3                     | -20        | 1882.500015 | 0.0080          |                     |
| 3.3                     | -10        | 1882.500007 | 0.0038          |                     |
| 3.3                     | 0          | 1882.500008 | 0.0041          |                     |
| 3.3                     | 10         | 1882.500021 | 0.0111          |                     |
| 3.3                     | 20         | 1882.500014 | 0.0074          |                     |
| 3.3                     | 30         | 1882.500012 | 0.0063          |                     |
| 3.3                     | 40         | 1882.499995 | -0.0026         |                     |
| 3.3                     | 50         | 1882.500019 | 0.0101          |                     |

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| 5G NR BAND n26          |            |                 |         |                     |
|-------------------------|------------|-----------------|---------|---------------------|
| Reference Freq.:        |            | Modulation.:    |         | CP-OFDM QPSK        |
| SCS.:                   | 15 kHz     | Bandwidth:      |         | 20MHz               |
| CH                      | 167300     | Frequency(MHz): |         | 836.50              |
| Freq. ERROR vs. VOLTAGE |            |                 |         |                     |
| Power Supply Vdc        | Temp. (°C) | Freq. (MHz)     | (ppm)   | Limit = +/- 2.5 ppm |
| 4.4                     | 20         | 836.500004      | 0.0048  | +/- 2.5 ppm         |
| 3.3                     | 20         | 836.500023      | 0.0270  |                     |
| 3.135                   | 20         | 836.500028      | 0.0336  |                     |
| 2.9<br>(End Point)      | 20         | 836.499997      | -0.0031 |                     |
| Freq. ERROR vs. Temp.   |            |                 |         |                     |
| Power Supply Vdc        | Temp. (°C) | Freq. (MHz)     | (ppm)   | Limit = +/- 2.5 ppm |
| 3.3                     | -30        | 818.999988      | -0.0138 | +/- 2.5 ppm         |
| 3.3                     | -20        | 818.999979      | -0.0247 |                     |
| 3.3                     | -10        | 818.999992      | -0.0091 |                     |
| 3.3                     | 0          | 819.000006      | 0.0067  |                     |
| 3.3                     | 10         | 818.999989      | -0.0128 |                     |
| 3.3                     | 20         | 819.000013      | 0.0151  |                     |
| 3.3                     | 30         | 819.000012      | 0.0140  |                     |
| 3.3                     | 40         | 819.000020      | 0.0233  |                     |
| 3.3                     | 50         | 819.000010      | 0.0117  |                     |

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| 5G NR BAND n26 Part90s  |            |                 |              |                     |
|-------------------------|------------|-----------------|--------------|---------------------|
| Reference Freq.:        |            | Modulation.:    | CP-OFDM QPSK |                     |
| SCS.:                   | 15 kHz     | Bandwidth:      | 10MHz        |                     |
| CH                      | 163800     | Frequency(MHz): | 819.00       |                     |
| Freq. ERROR vs. VOLTAGE |            |                 |              |                     |
| Power Supply Vdc        | Temp. (°C) | Freq. (MHz)     | (ppm)        | Limit = +/- 2.5 ppm |
| 4.4                     | 20         | 819.000010      | 0.0119       | +/- 2.5 ppm         |
| 3.3                     | 20         | 819.000003      | 0.0040       |                     |
| 3.135                   | 20         | 818.999981      | -0.0235      |                     |
| 2.9<br>(End Point)      | 20         | 819.000023      | 0.0277       |                     |
| Freq. ERROR vs. Temp.   |            |                 |              |                     |
| Power Supply Vdc        | Temp. (°C) | Freq. (MHz)     | (ppm)        | Limit = +/- 2.5 ppm |
| 3.3                     | -30        | 818.999991      | -0.0113      | +/- 2.5 ppm         |
| 3.3                     | -20        | 818.999992      | -0.0093      |                     |
| 3.3                     | -10        | 818.999996      | -0.0045      |                     |
| 3.3                     | 0          | 818.999988      | -0.0145      |                     |
| 3.3                     | 10         | 819.000021      | 0.0260       |                     |
| 3.3                     | 20         | 819.000013      | 0.0154       |                     |
| 3.3                     | 30         | 818.999992      | -0.0102      |                     |
| 3.3                     | 40         | 819.000005      | 0.0065       |                     |
| 3.3                     | 50         | 819.000001      | 0.0013       |                     |

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| 5G NR BAND n30          |            |                 |         |                     |
|-------------------------|------------|-----------------|---------|---------------------|
| Reference Freq.:        |            | Modulation.:    |         | CP-OFDM QPSK        |
| SCS.:                   | 30 kHz     | Bandwidth:      |         | 10MHz               |
| CH                      | 462000     | Frequency(MHz): |         | 2310.00             |
| Freq. ERROR vs. VOLTAGE |            |                 |         |                     |
| Power Supply Vdc        | Temp. (°C) | Freq. (MHz)     | (ppm)   | Limit = +/- 2.5 ppm |
| 4.4                     | 20         | 2309.999988     | -0.0052 | +/- 2.5 ppm         |
| 3.3                     | 20         | 2310.000022     | 0.0095  |                     |
| 3.135                   | 20         | 2309.999990     | -0.0042 |                     |
| 2.9<br>(End Point)      | 20         | 2310.000028     | 0.0122  |                     |
| Freq. ERROR vs. Temp.   |            |                 |         |                     |
| Power Supply Vdc        | Temp. (°C) | Freq. (MHz)     | (ppm)   | Limit = +/- 2.5 ppm |
| 3.3                     | -30        | 2309.999989     | -0.0048 | +/- 2.5 ppm         |
| 3.3                     | -20        | 2309.999983     | -0.0075 |                     |
| 3.3                     | -10        | 2309.999994     | -0.0026 |                     |
| 3.3                     | 0          | 2310.000021     | 0.0090  |                     |
| 3.3                     | 10         | 2309.999988     | -0.0051 |                     |
| 3.3                     | 20         | 2310.000029     | 0.0125  |                     |
| 3.3                     | 30         | 2309.999987     | -0.0057 |                     |
| 3.3                     | 40         | 2309.999998     | -0.0009 |                     |
| 3.3                     | 50         | 2310.000025     | 0.0107  |                     |

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| 5G NR BAND n38          |            |                 |         |                     |
|-------------------------|------------|-----------------|---------|---------------------|
| Reference Freq.:        |            | Modulation.:    |         | CP-OFDM QPSK        |
| SCS.:                   | 30 kHz     | Bandwidth:      |         | 40MHz               |
| CH                      | 519000     | Frequency(MHz): |         | 2595.00             |
| Freq. ERROR vs. VOLTAGE |            |                 |         |                     |
| Power Supply Vdc        | Temp. (°C) | Freq. (MHz)     | (ppm)   | Limit = +/- 2.5 ppm |
| 4.4                     | 20         | 2595.000006     | 0.0024  | +/- 2.5 ppm         |
| 3.3                     | 20         | 2594.999987     | -0.0048 |                     |
| 3.135                   | 20         | 2594.999991     | -0.0033 |                     |
| 2.9<br>(End Point)      | 20         | 2595.000025     | 0.0096  |                     |
| Freq. ERROR vs. Temp.   |            |                 |         |                     |
| Power Supply Vdc        | Temp. (°C) | Freq. (MHz)     | (ppm)   | Limit = +/- 2.5 ppm |
| 3.3                     | -30        | 2595.000008     | 0.0032  | +/- 2.5 ppm         |
| 3.3                     | -20        | 2595.000001     | 0.0004  |                     |
| 3.3                     | -10        | 2594.999988     | -0.0047 |                     |
| 3.3                     | 0          | 2594.999995     | -0.0021 |                     |
| 3.3                     | 10         | 2595.000026     | 0.0102  |                     |
| 3.3                     | 20         | 2594.999985     | -0.0057 |                     |
| 3.3                     | 30         | 2595.000026     | 0.0099  |                     |
| 3.3                     | 40         | 2595.000010     | 0.0038  |                     |
| 3.3                     | 50         | 2594.999995     | -0.0019 |                     |

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| 5G NR BAND n41          |            |                 |         |                     |
|-------------------------|------------|-----------------|---------|---------------------|
| Reference Freq.:        |            | Modulation.:    |         | CP-OFDM QPSK        |
| SCS.:                   | 30 kHz     | Bandwidth:      |         | 100MHz              |
| CH                      | 518604     | Frequency(MHz): |         | 2593.02             |
| Freq. ERROR vs. VOLTAGE |            |                 |         |                     |
| Power Supply Vdc        | Temp. (°C) | Freq. (MHz)     | (ppm)   | Limit = +/- 2.5 ppm |
| 4.4                     | 20         | 2593.020005     | 0.0020  | +/- 2.5 ppm         |
| 3.3                     | 20         | 2593.020000     | 0.0000  |                     |
| 3.135                   | 20         | 2593.019985     | -0.0059 |                     |
| 2.9<br>(End Point)      | 20         | 2593.020001     | 0.0005  |                     |
| Freq. ERROR vs. Temp.   |            |                 |         |                     |
| Power Supply Vdc        | Temp. (°C) | Freq. (MHz)     | (ppm)   | Limit = +/- 2.5 ppm |
| 3.3                     | -30        | 2593.019979     | -0.0081 | +/- 2.5 ppm         |
| 3.3                     | -20        | 2593.019997     | -0.0012 |                     |
| 3.3                     | -10        | 2593.019982     | -0.0068 |                     |
| 3.3                     | 0          | 2593.020011     | 0.0041  |                     |
| 3.3                     | 10         | 2593.020010     | 0.0040  |                     |
| 3.3                     | 20         | 2593.019980     | -0.0077 |                     |
| 3.3                     | 30         | 2593.020006     | 0.0023  |                     |
| 3.3                     | 40         | 2593.019983     | -0.0065 |                     |
| 3.3                     | 50         | 2593.020001     | 0.0002  |                     |

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| 5G NR BAND n66          |            |                 |         |                     |
|-------------------------|------------|-----------------|---------|---------------------|
| Reference Freq.:        |            | Modulation.:    |         | CP-OFDM QPSK        |
| SCS.:                   | 15 kHz     | Bandwidth:      |         | 40MHz               |
| CH                      | 349000     | Frequency(MHz): |         | 1745.00             |
| Freq. ERROR vs. VOLTAGE |            |                 |         |                     |
| Power Supply Vdc        | Temp. (°C) | Freq. (MHz)     | (ppm)   | Limit = +/- 2.5 ppm |
| 4.4                     | 20         | 1744.999998     | -0.0010 | +/- 2.5 ppm         |
| 3.3                     | 20         | 1744.999986     | -0.0080 |                     |
| 3.135                   | 20         | 1744.999987     | -0.0076 |                     |
| 2.9<br>(End Point)      | 20         | 1744.999977     | -0.0131 |                     |
| Freq. ERROR vs. Temp.   |            |                 |         |                     |
| Power Supply Vdc        | Temp. (°C) | Freq. (MHz)     | (ppm)   | Limit = +/- 2.5 ppm |
| 3.3                     | -30        | 1745.000006     | 0.0032  | +/- 2.5 ppm         |
| 3.3                     | -20        | 1745.000020     | 0.0116  |                     |
| 3.3                     | -10        | 1745.000018     | 0.0105  |                     |
| 3.3                     | 0          | 1744.999985     | -0.0086 |                     |
| 3.3                     | 10         | 1744.999990     | -0.0055 |                     |
| 3.3                     | 20         | 1744.999989     | -0.0063 |                     |
| 3.3                     | 30         | 1745.000014     | 0.0080  |                     |
| 3.3                     | 40         | 1745.000006     | 0.0033  |                     |
| 3.3                     | 50         | 1744.999987     | -0.0073 |                     |

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| 5G NR BAND n71          |            |                 |         |                     |
|-------------------------|------------|-----------------|---------|---------------------|
| Reference Freq.:        |            | Modulation.:    |         | CP-OFDM QPSK        |
| SCS.:                   | 15 kHz     | Bandwidth:      |         | 20MHz               |
| CH                      | 136100     | Frequency(MHz): |         | 680.50              |
| Freq. ERROR vs. VOLTAGE |            |                 |         |                     |
| Power Supply<br>Vdc     | Temp. (°C) | Freq. (MHz)     | (ppm)   | Limit = +/- 2.5 ppm |
| 4.4                     | 20         | 680.500001      | 0.0017  | +/- 2.5 ppm         |
| 3.3                     | 20         | 680.499994      | -0.0087 |                     |
| 3.135                   | 20         | 680.500026      | 0.0383  |                     |
| 2.9<br>(End Point)      | 20         | 680.499979      | -0.0307 |                     |
| Freq. ERROR vs. Temp.   |            |                 |         |                     |
| Power Supply<br>Vdc     | Temp. (°C) | Freq. (MHz)     | (ppm)   | Limit = +/- 2.5 ppm |
| 3.3                     | -30        | 680.499980      | -0.0298 | +/- 2.5 ppm         |
| 3.3                     | -20        | 680.499999      | -0.0019 |                     |
| 3.3                     | -10        | 680.499982      | -0.0260 |                     |
| 3.3                     | 0          | 680.500016      | 0.0240  |                     |
| 3.3                     | 10         | 680.499996      | -0.0062 |                     |
| 3.3                     | 20         | 680.499990      | -0.0147 |                     |
| 3.3                     | 30         | 680.500015      | 0.0227  |                     |
| 3.3                     | 40         | 680.500020      | 0.0299  |                     |
| 3.3                     | 50         | 680.500000      | 0.0006  |                     |

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| 5G NR BAND n77 Part27   |            |                 |         |                     |
|-------------------------|------------|-----------------|---------|---------------------|
| Reference Freq.:        |            | Modulation.:    |         | CP-OFDM QPSK        |
| SCS.:                   | 30 kHz     | Bandwidth:      |         | 100MHz              |
| CH                      | 656000     | Frequency(MHz): |         | 3840.00             |
| Freq. ERROR vs. VOLTAGE |            |                 |         |                     |
| Power Supply<br>Vdc     | Temp. (°C) | Freq. (MHz)     | (ppm)   | Limit = +/- 2.5 ppm |
| 4.4                     | 20         | 3840.000008     | 0.0022  | +/- 2.5 ppm         |
| 3.3                     | 20         | 3840.000019     | 0.0048  |                     |
| 3.135                   | 20         | 3839.999984     | -0.0041 |                     |
| 2.9<br>(End Point)      | 20         | 3839.999981     | -0.0050 |                     |
| Freq. ERROR vs. Temp.   |            |                 |         |                     |
| Power Supply<br>Vdc     | Temp. (°C) | Freq. (MHz)     | (ppm)   | Limit = +/- 2.5 ppm |
| 3.3                     | -30        | 3840.000028     | 0.0072  | +/- 2.5 ppm         |
| 3.3                     | -20        | 3840.000012     | 0.0030  |                     |
| 3.3                     | -10        | 3839.999983     | -0.0045 |                     |
| 3.3                     | 0          | 3840.000001     | 0.0004  |                     |
| 3.3                     | 10         | 3839.999977     | -0.0059 |                     |
| 3.3                     | 20         | 3840.000028     | 0.0073  |                     |
| 3.3                     | 30         | 3840.000008     | 0.0022  |                     |
| 3.3                     | 40         | 3840.000010     | 0.0025  |                     |
| 3.3                     | 50         | 3839.999979     | -0.0054 |                     |

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## 7 PEAK TO AVERAGE RATION

| 5G NR BAND n2            |        |           |       |                          |        |           |       |
|--------------------------|--------|-----------|-------|--------------------------|--------|-----------|-------|
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 5MHz  |        |           |       | Channel bandwidth: 10MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 1852.50                  | 370500 | 7.11      | 13    | 1855.00                  | 371000 | 6.71      | 13    |
| 1880.00                  | 376000 | 7.20      | 13    | 1880.00                  | 376000 | 7.28      | 13    |
| 1907.50                  | 381500 | 7.50      | 13    | 1905.00                  | 381000 | 6.88      | 13    |
| 5G NR BAND n2            |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 15MHz |        |           |       | Channel bandwidth: 20MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 1857.50                  | 371500 | 7.12      | 13    | 1860.00                  | 372000 | 6.69      | 13    |
| 1880.00                  | 376000 | 7.19      | 13    | 1880.00                  | 376000 | 6.75      | 13    |
| 1902.50                  | 380500 | 6.89      | 13    | 1900.00                  | 380000 | 7.09      | 13    |
| 5G NR BAND n5            |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 5MHz  |        |           |       | Channel bandwidth: 10MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 826.50                   | 165300 | 6.30      | 13    | 829.00                   | 165800 | 6.53      | 13    |
| 836.50                   | 167300 | 6.42      | 13    | 836.50                   | 167300 | 6.37      | 13    |
| 846.50                   | 169300 | 6.53      | 13    | 844.00                   | 168800 | 6.77      | 13    |
| 5G NR BAND n5            |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 15MHz |        |           |       | Channel bandwidth: 20MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 831.50                   | 166300 | 6.53      | 13    | 834.00                   | 166800 | 6.55      | 13    |
| 836.50                   | 167300 | 6.42      | 13    | 836.50                   | 167300 | 6.48      | 13    |
| 841.50                   | 168300 | 6.68      | 13    | 839.00                   | 167800 | 6.65      | 13    |
| 5G NR BAND n7            |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 5MHz  |        |           |       | Channel bandwidth: 10MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 2502.50                  | 500500 | 6.52      | 13    | 2505.00                  | 501000 | 6.57      | 13    |
| 2535.00                  | 507000 | 6.46      | 13    | 2535.00                  | 507000 | 6.51      | 13    |
| 2567.50                  | 513500 | 6.57      | 13    | 2565.00                  | 513000 | 6.72      | 13    |
| 5G NR BAND n7            |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 15MHz |        |           |       | Channel bandwidth: 20MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 2507.50                  | 501500 | 6.95      | 13    | 2510.00                  | 502000 | 7.13      | 13    |
| 2535.00                  | 507000 | 6.41      | 13    | 2535.00                  | 507000 | 6.52      | 13    |
| 2562.50                  | 512500 | 6.65      | 13    | 2560.00                  | 512000 | 6.56      | 13    |

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| 5G NR BAND n7            |        |           |       |                          |        |           |       |
|--------------------------|--------|-----------|-------|--------------------------|--------|-----------|-------|
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 25MHz |        |           |       | Channel bandwidth: 30MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 2512.50                  | 502500 | 7.07      | 13    | 2515.00                  | 503000 | 7.03      | 13    |
| 2535.00                  | 507000 | 6.74      | 13    | 2535.00                  | 507000 | 6.36      | 13    |
| 2557.50                  | 511500 | 6.36      | 13    | 2555.00                  | 511000 | 6.83      | 13    |
| 5G NR BAND n7            |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 40MHz |        |           |       | Channel bandwidth: 50MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 2520.00                  | 504000 | 7.17      | 13    | 2525.00                  | 505000 | 6.94      | 13    |
| 2535.00                  | 507000 | 7.15      | 13    | 2535.00                  | 507000 | 7.01      | 13    |
| 2550.00                  | 510000 | 7.30      | 13    | 2545.00                  | 509000 | 7.12      | 13    |
| 5G NR BAND n12           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 5MHz  |        |           |       | Channel bandwidth: 10MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 701.50                   | 140300 | 6.32      | 13    | 704.00                   | 140800 | 6.30      | 13    |
| 707.50                   | 141500 | 6.39      | 13    | 707.50                   | 141500 | 6.49      | 13    |
| 713.50                   | 142700 | 6.56      | 13    | 711.00                   | 142200 | 6.58      | 13    |
| 5G NR BAND n12           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 15MHz |        |           |       |                          |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       |                          |        |           |       |
|                          |        | 256QAM    | Limit |                          |        |           |       |
| 706.50                   | 141300 | 6.48      | 13    |                          |        |           |       |
| 707.50                   | 141500 | 6.31      | 13    |                          |        |           |       |
| 708.50                   | 141700 | 6.68      | 13    |                          |        |           |       |
| 5G NR BAND n14           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 5MHz  |        |           |       | Channel bandwidth: 10MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 790.50                   | 158100 | 6.38      | 13    |                          |        |           |       |
| 793.00                   | 158600 | 5.99      | 13    | 793.00                   | 158600 | 6.35      | 13    |
| 795.50                   | 189100 | 6.33      | 13    |                          |        |           |       |
| 5G NR BAND n25           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 5MHz  |        |           |       | Channel bandwidth: 10MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 1852.50                  | 370500 | 7.15      | 13    | 1855.00                  | 371000 | 6.67      | 13    |
| 1882.50                  | 376500 | 7.00      | 13    | 1882.50                  | 376500 | 7.03      | 13    |
| 1912.50                  | 382500 | 6.53      | 13    | 1910.00                  | 382000 | 6.58      | 13    |

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| 5G NR BAND n25           |        |           |       |                          |        |           |       |
|--------------------------|--------|-----------|-------|--------------------------|--------|-----------|-------|
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 15MHz |        |           |       | Channel bandwidth: 20MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 1857.50                  | 371500 | 6.85      | 13    | 1860.00                  | 372000 | 6.53      | 13    |
| 1882.50                  | 376500 | 7.47      | 13    | 1882.50                  | 376500 | 7.21      | 13    |
| 1907.50                  | 381500 | 7.03      | 13    | 1905.00                  | 381000 | 7.18      | 13    |
| 5G NR BAND n25           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 25MHz |        |           |       | Channel bandwidth: 30MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 1862.50                  | 372500 | 6.85      | 13    | 1865.00                  | 373000 | 7.38      | 13    |
| 1882.50                  | 376500 | 6.71      | 13    | 1882.50                  | 376500 | 6.67      | 13    |
| 1902.50                  | 380500 | 6.84      | 13    | 1900.00                  | 380000 | 6.90      | 13    |
| 5G NR BAND n25           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 40MHz |        |           |       |                          |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       |                          |        |           |       |
|                          |        | 256QAM    | Limit |                          |        |           |       |
| 1870.00                  | 374000 | 7.09      | 13    |                          |        |           |       |
| 1882.50                  | 376500 | 6.92      | 13    |                          |        |           |       |
| 1895.00                  | 379000 | 7.19      | 13    |                          |        |           |       |
| 5G NR BAND n26           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 5MHz  |        |           |       | Channel bandwidth: 10MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 826.50                   | 165300 | 6.67      | 13    | 829.00                   | 165800 | 6.39      | 13    |
| 836.50                   | 167300 | 6.57      | 13    | 836.50                   | 167300 | 6.54      | 13    |
| 846.50                   | 169300 | 6.60      | 13    | 844.00                   | 168800 | 6.46      | 13    |
| 5G NR BAND n26           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 15MHz |        |           |       | Channel bandwidth: 20MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 831.50                   | 166300 | 6.21      | 13    | 834.00                   | 166800 | 6.57      | 13    |
| 836.50                   | 167300 | 6.48      | 13    | 836.50                   | 167300 | 6.58      | 13    |
| 841.50                   | 168300 | 6.49      | 13    | 839.00                   | 167800 | 6.22      | 13    |
| 5G NR BAND n26 Part90s   |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 5MHz  |        |           |       | Channel bandwidth: 10MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 816.50                   | 163300 | 6.29      | 13    |                          |        |           |       |
| 819.00                   | 163800 | 6.54      | 13    | 819.00                   | 163800 | 6.21      | 13    |
| 821.50                   | 164300 | 6.29      | 13    |                          |        |           |       |

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| 5G NR BAND n30           |        |           |       |                          |        |           |       |
|--------------------------|--------|-----------|-------|--------------------------|--------|-----------|-------|
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 5MHz  |        |           |       | Channel bandwidth: 10MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 2307.50                  | 461500 | 6.75      | 13    |                          |        |           |       |
| 2310.00                  | 462000 | 7.00      | 13    | 2310.00                  | 462000 | 6.88      | 13    |
| 2312.50                  | 462500 | 6.98      | 13    |                          |        |           |       |
| 5G NR BAND n38           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 5MHz  |        |           |       | Channel bandwidth: 10MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 2572.50                  | 514500 | 6.88      | 13    | 2575                     | 515000 | 6.53      | 13    |
| 2595.00                  | 519000 | 6.79      | 13    | 2595                     | 519000 | 6.68      | 13    |
| 2617.50                  | 523500 | 7.20      | 13    | 2615                     | 523000 | 7.06      | 13    |
| 5G NR BAND n38           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 15MHz |        |           |       | Channel bandwidth: 20MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 2577.50                  | 515500 | 6.89      | 13    | 2580                     | 516000 | 6.63      | 13    |
| 2595.00                  | 519000 | 6.57      | 13    | 2595                     | 519000 | 6.59      | 13    |
| 2612.50                  | 522500 | 6.85      | 13    | 2610                     | 522000 | 6.70      | 13    |
| 5G NR BAND n38           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 25MHz |        |           |       | Channel bandwidth: 30MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 2582.50                  | 516500 | 6.45      | 13    | 2585                     | 517000 | 6.78      | 13    |
| 2595.00                  | 519000 | 6.50      | 13    | 2595                     | 519000 | 7.08      | 13    |
| 2607.50                  | 521500 | 6.44      | 13    | 2605                     | 521000 | 6.94      | 13    |
| 5G NR BAND n41           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 40MHz |        |           |       |                          |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       |                          |        |           |       |
|                          |        | 256QAM    | Limit |                          |        |           |       |
| 2590.00                  | 518000 | 7.65      | 13    |                          |        |           |       |
| 2595.00                  | 519000 | 7.10      | 13    |                          |        |           |       |
| 2600.00                  | 520000 | 7.24      | 13    |                          |        |           |       |
| 5G NR BAND n41           |        |           |       |                          |        |           |       |
| 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 |
| 2506.02                  | 501204 | 6.11      | 13    | 2511                     | 502200 | 6.25      | 13    |
| 2510.01                  | 502002 | 5.93      | 13    | 2515.02                  | 503004 | 6.51      | 13    |
| 2593.02                  | 518604 | 6.31      | 13    | 2593.02                  | 518604 | 6.13      | 13    |
| 2679.99                  | 535998 | 6.31      | 13    | 2674.98                  | 534996 | 6.33      | 13    |

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| 5G NR BAND n41           |        |           |       |                          |        |           |       |
|--------------------------|--------|-----------|-------|--------------------------|--------|-----------|-------|
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 40MHz |        |           |       | Channel bandwidth: 50MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 2516.01                  | 503202 | 6.47      | 13    | 2521.02                  | 504204 | 6.78      | 13    |
| 2520.00                  | 504000 | 6.55      | 13    | 2525.01                  | 505002 | 7.15      | 13    |
| 2593.02                  | 518604 | 6.52      | 13    | 2593.02                  | 518604 | 6.83      | 13    |
| 2670.00                  | 534000 | 6.61      | 13    | 2664.99                  | 532998 | 6.95      | 13    |
| 5G NR BAND n66           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 5MHz  |        |           |       | Channel bandwidth: 10MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 1712.50                  | 342500 | 7.31      | 13    | 1715.00                  | 343000 | 7.10      | 13    |
| 1745.00                  | 349000 | 6.68      | 13    | 1745.00                  | 349000 | 6.54      | 13    |
| 1777.50                  | 355500 | 7.02      | 13    | 1775.00                  | 355000 | 6.69      | 13    |
| 5G NR BAND n66           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 15MHz |        |           |       | Channel bandwidth: 20MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 1717.50                  | 343500 | 7.06      | 13    | 1720.00                  | 344000 | 6.99      | 13    |
| 1745.00                  | 349000 | 6.69      | 13    | 1745.00                  | 349000 | 6.51      | 13    |
| 1772.50                  | 354500 | 6.94      | 13    | 1770.00                  | 354000 | 6.56      | 13    |
| 5G NR BAND n66           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 25MHz |        |           |       | Channel bandwidth: 30MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 1722.50                  | 344500 | 6.82      | 13    | 1725.00                  | 345000 | 6.87      | 13    |
| 1745.00                  | 349000 | 6.47      | 13    | 1745.00                  | 349000 | 6.79      | 13    |
| 1767.50                  | 353500 | 8.64      | 13    | 1765.00                  | 353000 | 6.98      | 13    |
| 5G NR BAND n66           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 40MHz |        |           |       |                          |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       |                          |        |           |       |
|                          |        | 256QAM    | Limit |                          |        |           |       |
| 1730.00                  | 346000 | 7.08      | 13    |                          |        |           |       |
| 1745.00                  | 349000 | 7.25      | 13    |                          |        |           |       |
| 1760.00                  | 352000 | 7.36      | 13    |                          |        |           |       |
| 5G NR BAND n71           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 15 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 5MHz  |        |           |       | Channel bandwidth: 10MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 665.50                   | 133100 | 6.39      | 13    | 668.00                   | 133600 | 6.52      | 13    |
| 680.50                   | 136100 | 6.35      | 13    | 680.50                   | 136100 | 6.02      | 13    |
| 695.50                   | 139100 | 6.26      | 13    | 693.00                   | 138600 | 6.14      | 13    |

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| 5G NR BAND n71                          |        |           |       |                          |        |           |       |
|---|--------|-----------|-------|--------------------------|--------|-----------|-------|
| DFT-S-OFDM_SCS 15 kHz                   |        |           |       |                          |        |           |       |
| Channel bandwidth: 15MHz                |        |           |       | Channel bandwidth: 20MHz |        |           |       |
| Freq.<br>(MHz)                          | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|   |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 670.50                                  | 134100 | 6.59      | 13    | 673.00                   | 134600 | 6.89      | 13    |
| 680.50                                  | 136100 | 6.16      | 13    | 680.50                   | 136100 | 6.34      | 13    |
| 690.50                                  | 138100 | 6.09      | 13    | 688.00                   | 137600 | 6.31      | 13    |
| 5G NR BAND n77 Part27(3450 to 3550 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 |
| 3455.01                                 | 630334 | 6.46      | 13    | 3457.5                   | 630500 | 6.46      | 13    |
| 3500.01                                 | 633334 | 6.39      | 13    | 3500.01                  | 633334 | 6.14      | 13    |
| 3544.98                                 | 636332 | 6.41      | 13    | 3542.49                  | 636166 | 6.49      | 13    |
| 5G NR BAND n77 Part27(3450 to 3550 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 |
| 3460.02                                 | 630668 | 6.12      | 13    | 3465.00                  | 631000 | 6.62      | 13    |
| 3500.01                                 | 633334 | 6.41      | 13    | 3500.01                  | 633334 | 6.68      | 13    |
| 3540                                    | 636000 | 6.58      | 13    | 3534.99                  | 635666 | 6.60      | 13    |
| 5G NR BAND n77 Part27(3450 to 3550 MHz) |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 15 kHz                   |        |           |       |                          |        |           |       |
| Channel bandwidth: 40MHz                |        |           |       | Channel bandwidth: 50MHz |        |           |       |
| Freq.<br>(MHz)                          | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|   |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 3470.01                                 | 631334 | 7.01      | 13    | 3475.02                  | 631668 | 7.34      | 13    |
| 3500.01                                 | 633334 | 6.99      | 13    | 3500.01                  | 633334 | 7.55      | 13    |
| 3529.98                                 | 635332 | 6.85      | 13    | 3525                     | 635000 | 7.02      | 13    |
| 5G NR BAND n77 Part27(3700 to 3980 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 |
| 3705                                    | 647000 | 6.54      | 13    | 3707.52                  | 647168 | 6.30      | 13    |
| 3840                                    | 656000 | 6.54      | 13    | 3840                     | 656000 | 6.66      | 13    |
| 3975                                    | 665000 | 6.50      | 13    | 3972.48                  | 664832 | 6.44      | 13    |
| 5G NR BAND n77 Part27(3700 to 3980 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 |
| 3710.01                                 | 647334 | 6.37      | 13    | 3715.02                  | 647668 | 6.76      | 13    |
| 3840                                    | 656000 | 6.49      | 13    | 3840                     | 656000 | 6.53      | 13    |
| 3969.99                                 | 664666 | 6.54      | 13    | 3964.98                  | 664332 | 6.69      | 13    |

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| 5G NR BAND n77 Part27(3700 to 3980 MHz) |        |           |       |                          |        |           |       |
|---|--------|-----------|-------|--------------------------|--------|-----------|-------|
| DFT-S-OFDM_SCS 15 kHz                   |        |           |       |                          |        |           |       |
| Channel bandwidth: 40MHz                |        |           |       | Channel bandwidth: 50MHz |        |           |       |
| Freq.<br>(MHz)                          | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|   |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 3720                                    | 648000 | 7.27      | 13    | 3725.01                  | 648334 | 7.30      | 13    |
| 3840                                    | 656000 | 7.11      | 13    | 3840.00                  | 656000 | 7.20      | 13    |
| 3960                                    | 664000 | 7.25      | 13    | 3954.99                  | 663666 | 7.11      | 13    |
| 5G NR BAND n2                           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 30 kHz                   |        |           |       |                          |        |           |       |
| Channel bandwidth: 10MHz                |        |           |       | Channel bandwidth: 15MHz |        |           |       |
| Freq.<br>(MHz)                          | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|   |        | 0.00      | Limit |                          |        | 256QAM    | Limit |
| 1855.00                                 | 371000 | 7.12      | 13    | 1857.50                  | 371500 | 6.95      | 13    |
| 1880.00                                 | 376000 | 7.26      | 13    | 1880.00                  | 376000 | 7.12      | 13    |
| 1905.00                                 | 381000 | 6.78      | 13    | 1902.50                  | 380500 | 6.95      | 13    |
| 5G NR BAND n2                           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 30 kHz                   |        |           |       |                          |        |           |       |
| Channel bandwidth: 20MHz                |        |           |       |                          |        |           |       |
| Freq.<br>(MHz)                          | CH     | PAPR (dB) |       |                          |        |           |       |
|   |        | 256QAM    | Limit |                          |        |           |       |
| 1860.00                                 | 372000 | 7.18      | 13    |                          |        |           |       |
| 1880.00                                 | 372000 | 8.56      | 13    |                          |        |           |       |
| 1900.00                                 | 380000 | 6.92      | 13    |                          |        |           |       |
| 5G NR BAND n5                           |        |           |       |                          |        |           |       |
| 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 |
| 829.00                                  | 165800 | 6.59      | 13    | 831.50                   | 166300 | 6.15      | 13    |
| 836.50                                  | 167300 | 6.40      | 13    | 836.50                   | 167300 | 6.48      | 13    |
| 844.00                                  | 168800 | 6.48      | 13    | 841.50                   | 168300 | 6.31      | 13    |
| 5G NR BAND n5                           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 30 kHz                   |        |           |       |                          |        |           |       |
| Channel bandwidth: 20MHz                |        |           |       |                          |        |           |       |
| Freq.<br>(MHz)                          | CH     | PAPR (dB) |       |                          |        |           |       |
|   |        | 256QAM    | Limit |                          |        |           |       |
| 834.00                                  | 166800 | 6.77      | 13    |                          |        |           |       |
| 836.50                                  | 167300 | 6.35      | 13    |                          |        |           |       |
| 839.00                                  | 167800 | 6.19      | 13    |                          |        |           |       |
| 5G NR BAND n7                           |        |           |       |                          |        |           |       |
| 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 |
| 2505.00                                 | 501000 | 6.81      | 13    | 2507.50                  | 501500 | 6.40      | 13    |
| 2535.00                                 | 507000 | 6.51      | 13    | 2535.00                  | 507000 | 6.47      | 13    |
| 2565.00                                 | 513000 | 6.67      | 13    | 2562.50                  | 512500 | 6.93      | 13    |

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| 5G NR BAND n7            |        |           |       |                          |        |           |       |
|--------------------------|--------|-----------|-------|--------------------------|--------|-----------|-------|
| DFT-S-OFDM_SCS 30 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 20MHz |        |           |       | Channel bandwidth: 25MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 2510.00                  | 502000 | 6.93      | 13    | 2512.50                  | 502500 | 6.79      | 13    |
| 2535.00                  | 507000 | 6.30      | 13    | 2535.00                  | 507000 | 6.43      | 13    |
| 2560.00                  | 512000 | 6.59      | 13    | 2557.50                  | 511500 | 6.64      | 13    |
| 5G NR BAND n7            |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 30 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 30MHz |        |           |       | Channel bandwidth: 40MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 2515.00                  | 503000 | 6.69      | 13    | 2520.00                  | 504000 | 7.08      | 13    |
| 2535.00                  | 507000 | 6.70      | 13    | 2535.00                  | 507000 | 6.81      | 13    |
| 2555.00                  | 511000 | 6.61      | 13    | 2550.00                  | 510000 | 6.72      | 13    |
| 5G NR BAND n7            |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 30 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 50MHz |        |           |       |                          |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       |                          |        |           |       |
|                          |        | 256QAM    | Limit |                          |        |           |       |
| 2525.00                  | 505000 | 7.24      | 13    |                          |        |           |       |
| 2535.00                  | 507000 | 7.32      | 13    |                          |        |           |       |
| 2545.00                  | 509000 | 7.40      | 13    |                          |        |           |       |
| 5G NR BAND n12           |        |           |       |                          |        |           |       |
| 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 |
| 704.00                   | 140800 | 6.63      | 13    | 706.50                   | 141300 | 6.37      | 13    |
| 707.50                   | 141500 | 6.54      | 13    | 707.50                   | 141500 | 6.56      | 13    |
| 711.00                   | 142200 | 6.19      | 13    | 708.50                   | 141700 | 6.78      | 13    |
| 5G NR BAND n14           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 30 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 10MHz |        |           |       |                          |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       |                          |        |           |       |
|                          |        | 256QAM    | Limit |                          |        |           |       |
|                          |        |           |       |                          |        |           |       |
| 793.00                   | 158600 | 7.12      | 13    |                          |        |           |       |
|                          |        |           |       |                          |        |           |       |
| 5G NR BAND n25           |        |           |       |                          |        |           |       |
| 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 |
| 1855.00                  | 371000 | 6.95      | 13    | 1857.50                  | 371500 | 7.12      | 13    |
| 1882.50                  | 376500 | 7.02      | 13    | 1882.50                  | 376500 | 7.18      | 13    |
| 1910.00                  | 382000 | 6.68      | 13    | 1907.50                  | 381500 | 7.21      | 13    |

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| 5G NR BAND n25           |        |           |       |                          |        |           |       |
|--------------------------|--------|-----------|-------|--------------------------|--------|-----------|-------|
| DFT-S-OFDM_SCS 30 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 20MHz |        |           |       | Channel bandwidth: 25MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 1860.00                  | 372000 | 6.91      | 13    | 1862.50                  | 372500 | 6.83      | 13    |
| 1882.50                  | 376500 | 6.91      | 13    | 1882.50                  | 376500 | 7.10      | 13    |
| 1905.00                  | 381000 | 6.60      | 13    | 1902.50                  | 380500 | 6.85      | 13    |
| 5G NR BAND n25           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 30 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 30MHz |        |           |       | Channel bandwidth: 40MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 1865.00                  | 373000 | 6.85      | 13    | 1870.00                  | 374000 | 7.14      | 13    |
| 1882.50                  | 376500 | 7.19      | 13    | 1882.50                  | 376500 | 7.06      | 13    |
| 1900.00                  | 380000 | 6.93      | 13    | 1895.00                  | 379000 | 6.86      | 13    |
| 5G NR BAND n26           |        |           |       |                          |        |           |       |
| 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 |
| 829.00                   | 165800 | 6.27      | 13    | 831.50                   | 166300 | 6.30      | 13    |
| 836.50                   | 167300 | 6.23      | 13    | 836.50                   | 167300 | 6.17      | 13    |
| 844.00                   | 168800 | 6.58      | 13    | 841.50                   | 168300 | 6.14      | 13    |
| 5G NR BAND n26           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 30 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 20MHz |        |           |       |                          |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       |                          |        |           |       |
|                          |        | 256QAM    | Limit |                          |        |           |       |
| 834.00                   | 166800 | 6.41      | 13    |                          |        |           |       |
| 836.50                   | 167300 | 6.42      | 13    |                          |        |           |       |
| 839.00                   | 167800 | 6.04      | 13    |                          |        |           |       |
| 5G NR BAND n26 Part90s   |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 30 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 10MHz |        |           |       |                          |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       |                          |        |           |       |
|                          |        | 256QAM    | Limit |                          |        |           |       |
| 819.00                   | 163800 | 6.31      | 13    |                          |        |           |       |
| 5G NR BAND n30           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 30 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 10MHz |        |           |       |                          |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       |                          |        |           |       |
|                          |        | 256QAM    | Limit |                          |        |           |       |
| 2310.00                  | 462000 | 6.60      | 13    |                          |        |           |       |

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| 5G NR BAND n38           |        |           |       |                          |        |           |       |
|--------------------------|--------|-----------|-------|--------------------------|--------|-----------|-------|
| 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 |
| 2575.00                  | 515000 | 6.47      | 13    | 2577.50                  | 515500 | 6.73      | 13    |
| 2595.00                  | 519000 | 6.67      | 13    | 2595.00                  | 519000 | 6.67      | 13    |
| 2615.00                  | 523000 | 6.70      | 13    | 2612.50                  | 522500 | 6.70      | 13    |
| 5G NR BAND n38           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 30 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 20MHz |        |           |       | Channel bandwidth: 25MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 2580.00                  | 516000 | 6.89      | 13    | 2582.50                  | 516500 | 6.90      | 13    |
| 2595.00                  | 519000 | 6.61      | 13    | 2595.00                  | 519000 | 6.63      | 13    |
| 2610.00                  | 522000 | 6.74      | 13    | 2607.50                  | 521500 | 6.80      | 13    |
| 5G NR BAND n38           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 30 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 30MHz |        |           |       | Channel bandwidth: 40MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 2585.00                  | 517000 | 6.68      | 13    | 2590.00                  | 518000 | 7.47      | 13    |
| 2595.00                  | 519000 | 6.68      | 13    | 2595.00                  | 519000 | 7.08      | 13    |
| 2605.00                  | 521000 | 6.78      | 13    | 2600.00                  | 520000 | 7.06      | 13    |
| 5G NR BAND n41           |        |           |       |                          |        |           |       |
| 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 |
| 2506.02                  | 501204 | 6.26      | 13    | 2511.00                  | 502200 | 6.48      | 13    |
| 2510.01                  | 502002 | 6.20      | 13    | 2515.02                  | 503004 | 6.08      | 13    |
| 2593.02                  | 518604 | 6.11      | 13    | 2593.02                  | 518604 | 6.40      | 13    |
| 2679.99                  | 535998 | 6.45      | 13    | 2674.98                  | 534996 | 6.84      | 13    |
| 5G NR BAND n41           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 30 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 40MHz |        |           |       | Channel bandwidth: 50MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 2516.01                  | 503202 | 6.01      | 13    | 2521.02                  | 504204 | 6.63      | 13    |
| 2520.00                  | 504000 | 6.30      | 13    | 2525.01                  | 505002 | 6.60      | 13    |
| 2593.02                  | 518604 | 6.66      | 13    | 2593.02                  | 518604 | 6.78      | 13    |
| 2670.00                  | 534000 | 6.54      | 13    | 2664.99                  | 532998 | 6.85      | 13    |
| 5G NR BAND n41           |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 30 kHz    |        |           |       |                          |        |           |       |
| Channel bandwidth: 60MHz |        |           |       | Channel bandwidth: 80MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 2526.00                  | 505200 | 6.84      | 13    | 2536.02                  | 507204 | 7.47      | 13    |
| 2530.02                  | 506004 | 6.89      | 13    | 2540.01                  | 508002 | 7.59      | 13    |
| 2593.02                  | 518604 | 7.21      | 13    | 2593.02                  | 518604 | 7.49      | 13    |
| 2659.98                  | 531996 | 7.36      | 13    | 2649.99                  | 529998 | 7.44      | 13    |

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| 5G NR BAND n41           |        |           |       |                           |        |           |       |
|--------------------------|--------|-----------|-------|---------------------------|--------|-----------|-------|
| DFT-S-OFDM_SCS 30 kHz    |        |           |       |                           |        |           |       |
| Channel bandwidth: 90MHz |        |           |       | Channel bandwidth: 100MHz |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)            | CH     | PAPR (dB) |       |
|                          |        | 256QAM    | Limit |                           |        | 256QAM    | Limit |
| 2541.00                  | 508200 | 7.46      | 13    | 2546.01                   | 509202 | 7.47      | 13    |
| 2545.02                  | 509004 | 7.57      | 13    | 2550.00                   | 510000 | 7.74      | 13    |
| 2593.02                  | 518604 | 7.44      | 13    | 2593.02                   | 518604 | 7.49      | 13    |
| 2644.98                  | 528996 | 7.51      | 13    | 2640.00                   | 528000 | 7.62      | 13    |
| 5G NR BAND n66           |        |           |       |                           |        |           |       |
| DFT-S-OFDM_SCS 30 kHz    |        |           |       |                           |        |           |       |
| Channel bandwidth: 10MHz |        |           |       | Channel bandwidth: 15MHz  |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)            | CH     | PAPR (dB) |       |
|                          |        | 6.60      | Limit |                           |        | 6.89      | Limit |
| 1715                     | 343000 | 6.85      | 13    | 1717.5                    | 343500 | 7.14      | 13    |
| 1745                     | 349000 | 6.86      | 13    | 1745                      | 349000 | 9.08      | 13    |
| 1775                     | 355000 | 6.93      | 13    | 1772.5                    | 354500 | 6.46      | 13    |
| 5G NR BAND n66           |        |           |       |                           |        |           |       |
| DFT-S-OFDM_SCS 30 kHz    |        |           |       |                           |        |           |       |
| Channel bandwidth: 20MHz |        |           |       | Channel bandwidth: 25MHz  |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)            | CH     | PAPR (dB) |       |
|                          |        | 7.22      | Limit |                           |        | 7.59      | Limit |
| 1720                     | 344000 | 6.59      | 13    | 1722.5                    | 344500 | 6.66      | 13    |
| 1745                     | 349000 | 8.51      | 13    | 1745                      | 349000 | 6.46      | 13    |
| 1770                     | 354000 | 6.94      | 13    | 1767.5                    | 353500 | 7.56      | 13    |
| 5G NR BAND n66           |        |           |       |                           |        |           |       |
| DFT-S-OFDM_SCS 30 kHz    |        |           |       |                           |        |           |       |
| Channel bandwidth: 30MHz |        |           |       | Channel bandwidth: 40MHz  |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       | Freq.<br>(MHz)            | CH     | PAPR (dB) |       |
|                          |        | 7.79      | Limit |                           |        | 7.92      | Limit |
| 1725                     | 345000 | 6.96      | 13    | 1730                      | 346000 | 6.95      | 13    |
| 1745                     | 349000 | 6.64      | 13    | 1745                      | 349000 | 7.06      | 13    |
| 1765                     | 353000 | 8.16      | 13    | 1760                      | 352000 | 7.01      | 13    |
| 5G NR BAND n71           |        |           |       |                           |        |           |       |
| 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 |
| 668.00                   | 133600 | 6.06      | 13    | 670.5                     | 134100 | 6.38      | 13    |
| 680.50                   | 136100 | 6.40      | 13    | 680.5                     | 136100 | 6.23      | 13    |
| 693.00                   | 138600 | 5.98      | 13    | 690.5                     | 138100 | 6.05      | 13    |
| 5G NR BAND n71           |        |           |       |                           |        |           |       |
| DFT-S-OFDM_SCS 30 kHz    |        |           |       |                           |        |           |       |
| Channel bandwidth: 20MHz |        |           |       |                           |        |           |       |
| Freq.<br>(MHz)           | CH     | PAPR (dB) |       |                           |        |           |       |
|                          |        | 256QAM    | Limit |                           |        |           |       |
| 673                      | 134600 | 6.39      | 13    |                           |        |           |       |
| 680.5                    | 136100 | 8.53      | 13    |                           |        |           |       |
| 688                      | 137600 | 6.39      | 13    |                           |        |           |       |

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| 5G NR BAND n77 Part27(3450 to 3550 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 |
| 3455.01                                 | 630334 | 6.57      | 13    | 3457.50                  | 630500 | 6.30      | 13    |
| 3500.01                                 | 633334 | 6.87      | 13    | 3500.01                  | 633334 | 6.30      | 13    |
| 3544.98                                 | 636332 | 6.18      | 13    | 3542.49                  | 636166 | 6.34      | 13    |
| 5G NR BAND n77 Part27(3450 to 3550 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 |
| 3460.02                                 | 630668 | 6.46      | 13    | 3465.00                  | 631000 | 6.55      | 13    |
| 3500.01                                 | 633334 | 6.39      | 13    | 3500.01                  | 633334 | 6.53      | 13    |
| 3540.00                                 | 636000 | 6.61      | 13    | 3534.99                  | 635666 | 6.57      | 13    |
| 5G NR BAND n77 Part27(3450 to 3550 MHz) |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 30 kHz                   |        |           |       |                          |        |           |       |
| Channel bandwidth: 40MHz                |        |           |       | Channel bandwidth: 50MHz |        |           |       |
| Freq.<br>(MHz)                          | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|   |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 3470.01                                 | 631334 | 6.94      | 13    | 3475.02                  | 631668 | 7.17      | 13    |
| 3500.01                                 | 633334 | 7.01      | 13    | 3500.01                  | 633334 | 7.18      | 13    |
| 3529.98                                 | 635332 | 7.11      | 13    | 3525.00                  | 635000 | 7.17      | 13    |
| 5G NR BAND n77 Part27(3450 to 3550 MHz) |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 30 kHz                   |        |           |       |                          |        |           |       |
| Channel bandwidth: 60MHz                |        |           |       | Channel bandwidth: 70MHz |        |           |       |
| Freq.<br>(MHz)                          | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|   |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 3480.00                                 | 632000 | 7.64      | 13    | 3485.01                  | 632334 | 7.48      | 13    |
| 3500.01                                 | 633334 | 7.45      | 13    | 3500.01                  | 633334 | 7.39      | 13    |
| 3519.99                                 | 634666 | 7.28      | 13    | 3514.98                  | 634332 | 7.55      | 13    |
| 5G NR BAND n77 Part27(3450 to 3550 MHz) |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 30 kHz                   |        |           |       |                          |        |           |       |
| Channel bandwidth: 80MHz                |        |           |       | Channel bandwidth: 90MHz |        |           |       |
| Freq.<br>(MHz)                          | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|   |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 3490.02                                 | 632668 | 8.23      | 13    | 3495.00                  | 633000 | 7.76      | 13    |
| 3500.01                                 | 633334 | 7.75      | 13    | 3500.01                  | 633334 | 7.68      | 13    |
| 3510.00                                 | 634000 | 7.31      | 13    | 3504.99                  | 633666 | 7.74      | 13    |
| 5G NR BAND n77 Part27(3450 to 3550 MHz) |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 30 kHz                   |        |           |       |                          |        |           |       |
| Channel bandwidth: 100MHz               |        |           |       |                          |        |           |       |
| Freq.<br>(MHz)                          | CH     | PAPR (dB) |       |                          |        |           |       |
|   |        | 256QAM    | Limit |                          |        |           |       |
|   |        |           |       |                          |        |           |       |
| 3500.01                                 | 633334 | 8.12      | 13    |                          |        |           |       |
|   |        |           |       |                          |        |           |       |

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| 5G NR BAND n77 Part27(3700 to 3980 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 |
| 3705.00                                 | 647000 | 6.54      | 13    | 3707.52                  | 647168 | 6.39      | 13    |
| 3840.00                                 | 656000 | 6.89      | 13    | 3840.00                  | 656000 | 6.51      | 13    |
| 3975.00                                 | 665000 | 6.49      | 13    | 3972.48                  | 664832 | 6.59      | 13    |
| 5G NR BAND n77 Part27(3700 to 3980 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 |
| 3710.01                                 | 647334 | 6.29      | 13    | 3715.02                  | 647668 | 6.53      | 13    |
| 3840.00                                 | 656000 | 6.31      | 13    | 3840.00                  | 656000 | 6.60      | 13    |
| 3969.99                                 | 664666 | 6.75      | 13    | 3964.98                  | 664332 | 6.70      | 13    |
| 5G NR BAND n77 Part27(3700 to 3980 MHz) |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 30 kHz                   |        |           |       |                          |        |           |       |
| Channel bandwidth: 40MHz                |        |           |       | Channel bandwidth: 50MHz |        |           |       |
| Freq.<br>(MHz)                          | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|   |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 3720.00                                 | 648000 | 7.11      | 13    | 3725.01                  | 648334 | 7.28      | 13    |
| 3840.00                                 | 656000 | 7.21      | 13    | 3840.00                  | 656000 | 7.52      | 13    |
| 3960.00                                 | 664000 | 6.93      | 13    | 3954.99                  | 663666 | 7.24      | 13    |
| 5G NR BAND n77 Part27(3700 to 3980 MHz) |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 30 kHz                   |        |           |       |                          |        |           |       |
| Channel bandwidth: 60MHz                |        |           |       | Channel bandwidth: 70MHz |        |           |       |
| Freq.<br>(MHz)                          | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|   |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 3730.02                                 | 648668 | 7.49      | 13    | 3735.00                  | 649000 | 8.00      | 13    |
| 3840.00                                 | 656000 | 7.24      | 13    | 3840.00                  | 656000 | 7.47      | 13    |
| 3949.98                                 | 663332 | 7.52      | 13    | 3945.00                  | 663000 | 7.85      | 13    |
| 5G NR BAND n77 Part27(3700 to 3980 MHz) |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 30 kHz                   |        |           |       |                          |        |           |       |
| Channel bandwidth: 80MHz                |        |           |       | Channel bandwidth: 90MHz |        |           |       |
| Freq.<br>(MHz)                          | CH     | PAPR (dB) |       | Freq.<br>(MHz)           | CH     | PAPR (dB) |       |
|   |        | 256QAM    | Limit |                          |        | 256QAM    | Limit |
| 3740.01                                 | 649334 | 7.80      | 13    | 3745.02                  | 649668 | 7.66      | 13    |
| 3840.00                                 | 656000 | 7.58      | 13    | 3840.00                  | 656000 | 7.70      | 13    |
| 3939.99                                 | 662666 | 7.77      | 13    | 3934.98                  | 662332 | 7.93      | 13    |
| 5G NR BAND n77 Part27(3700 to 3980 MHz) |        |           |       |                          |        |           |       |
| DFT-S-OFDM_SCS 30 kHz                   |        |           |       |                          |        |           |       |
| Channel bandwidth: 100MHz               |        |           |       |                          |        |           |       |
| Freq.<br>(MHz)                          | CH     | PAPR (dB) |       |                          |        |           |       |
|   |        | 256QAM    | Limit |                          |        |           |       |
| 3750.00                                 | 650000 | 7.73      | 13    |                          |        |           |       |
| 3840.00                                 | 656000 | 7.75      | 13    |                          |        |           |       |
| 3930.00                                 | 662000 | 7.85      | 13    |                          |        |           |       |

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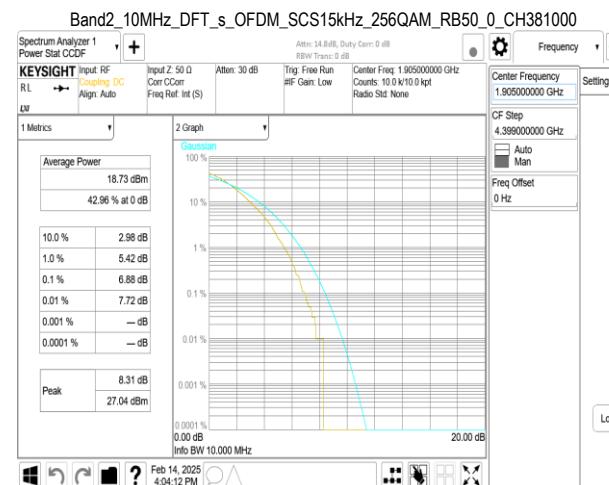
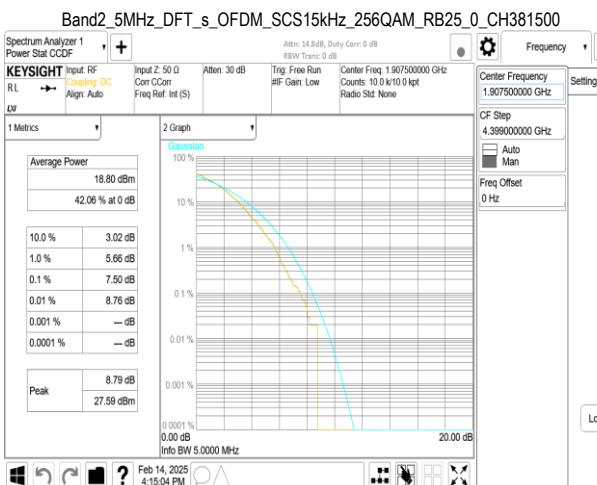
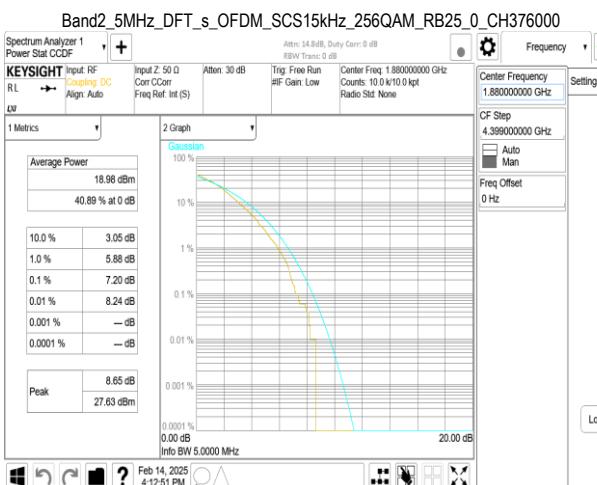
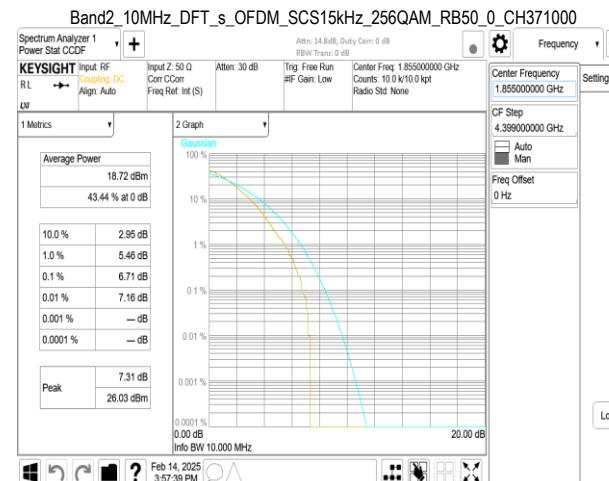
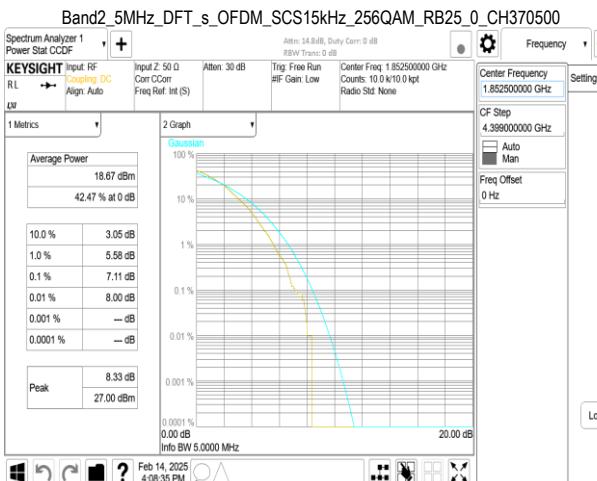
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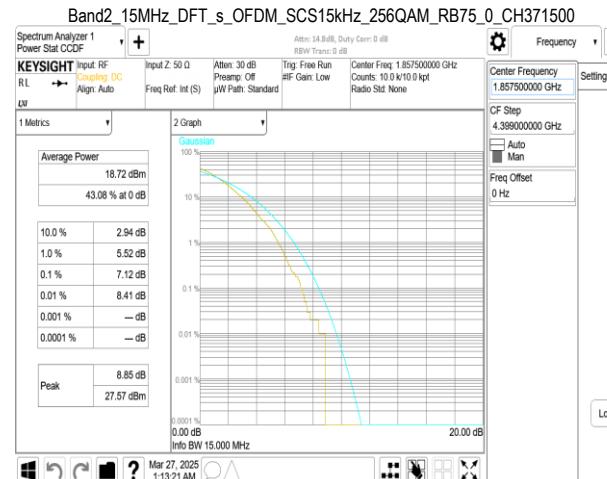
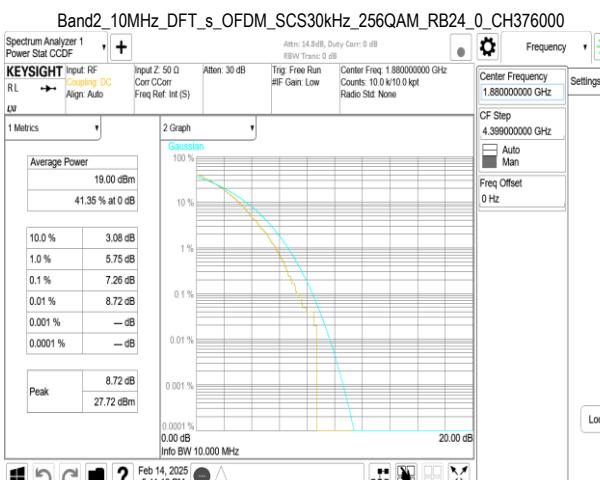
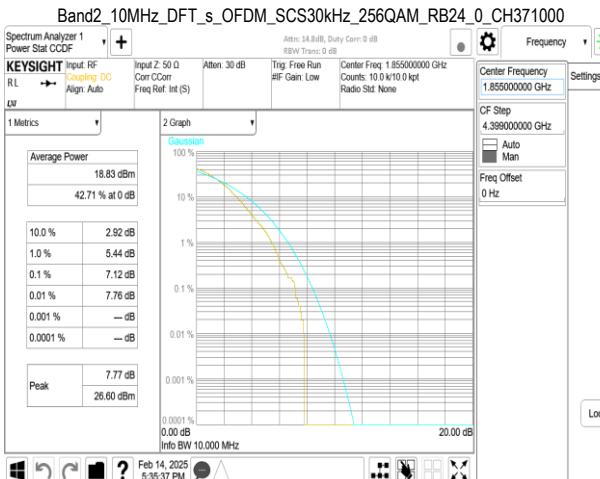
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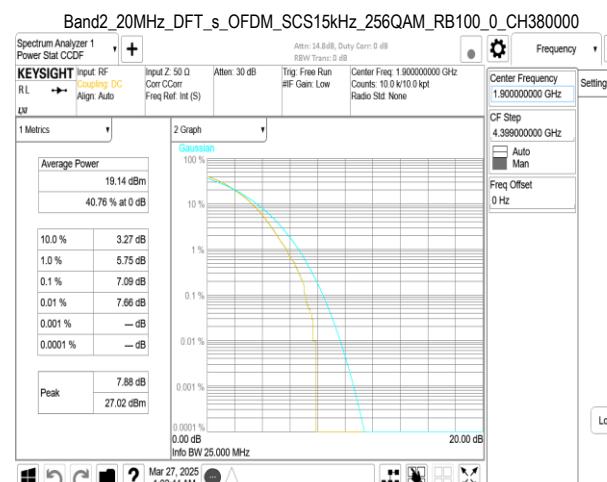
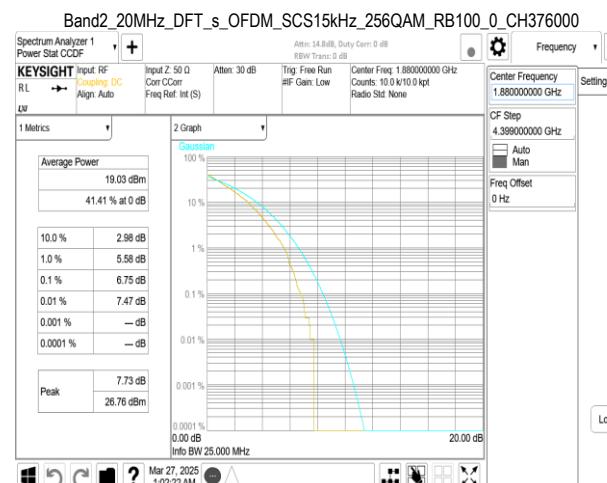
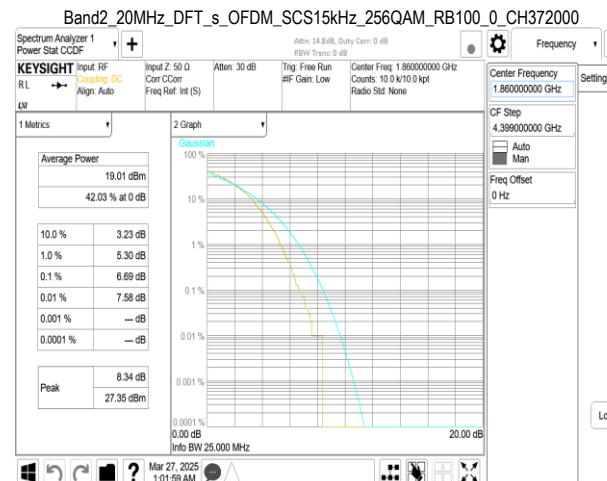
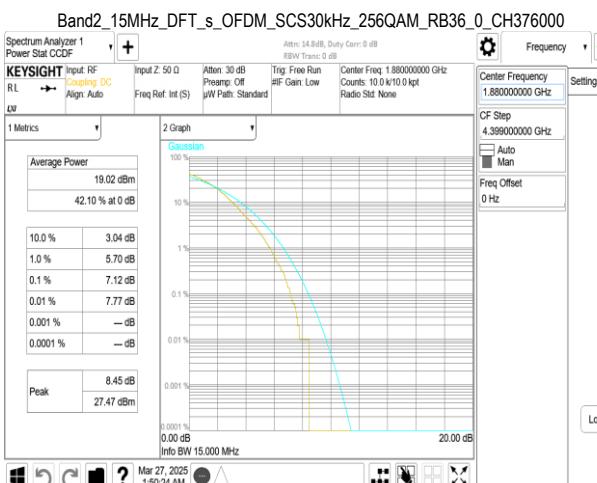
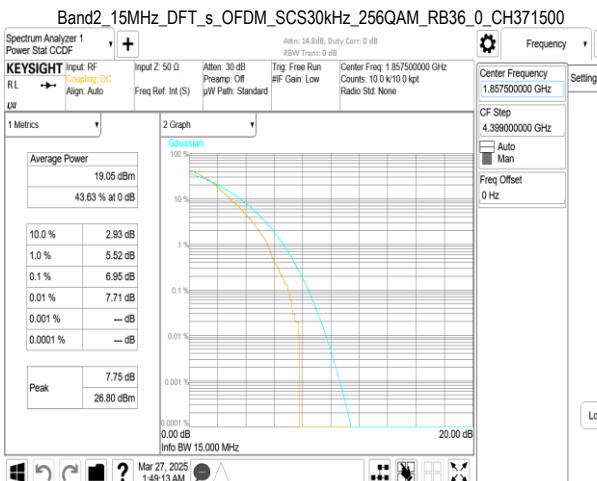
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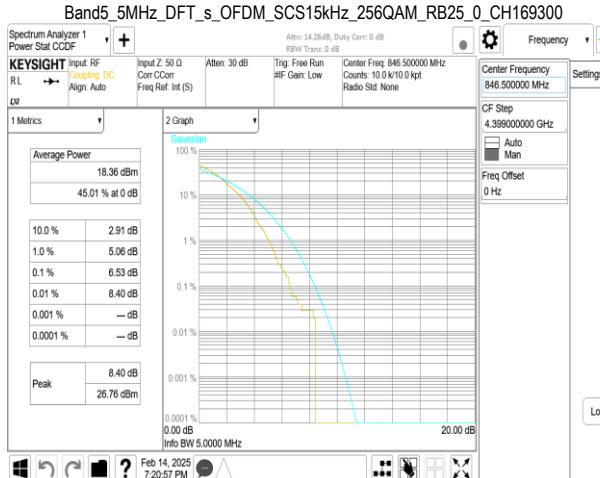
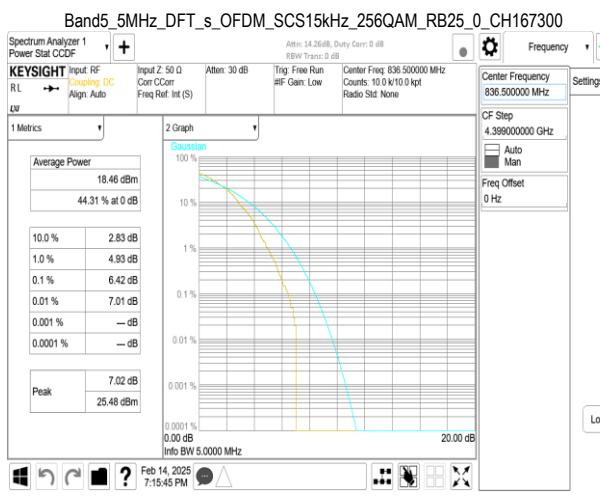
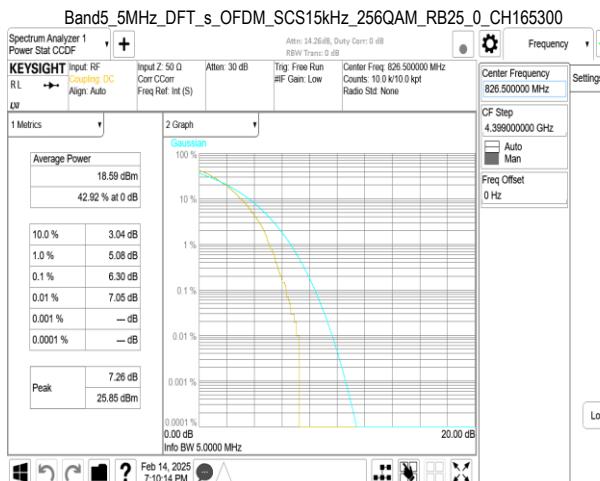
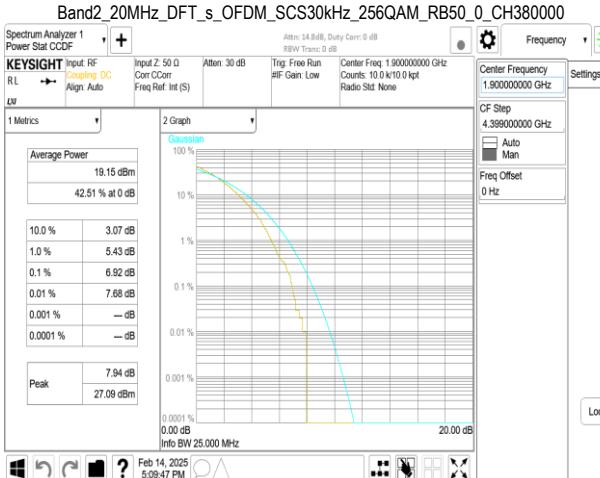
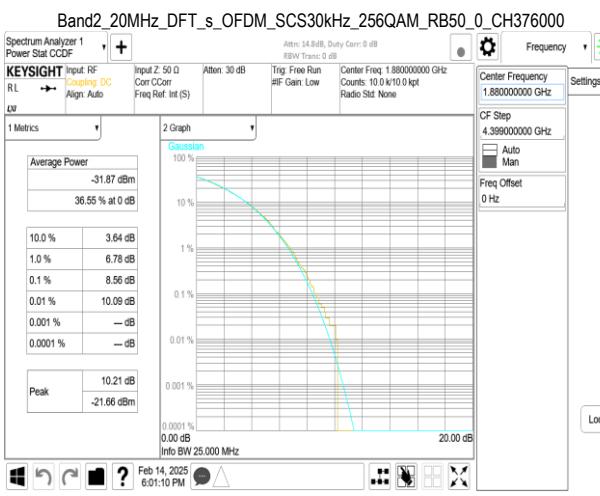
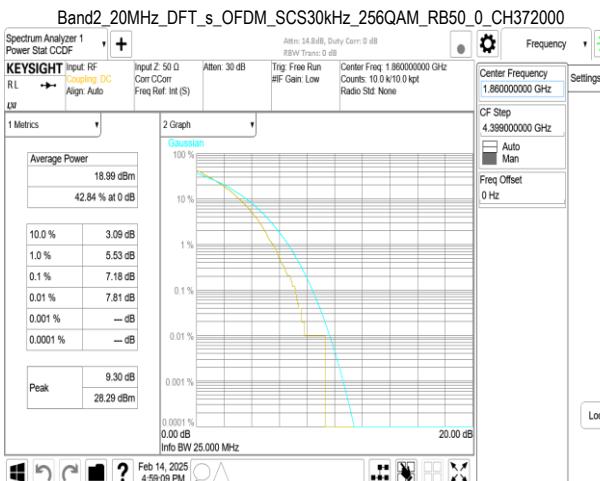
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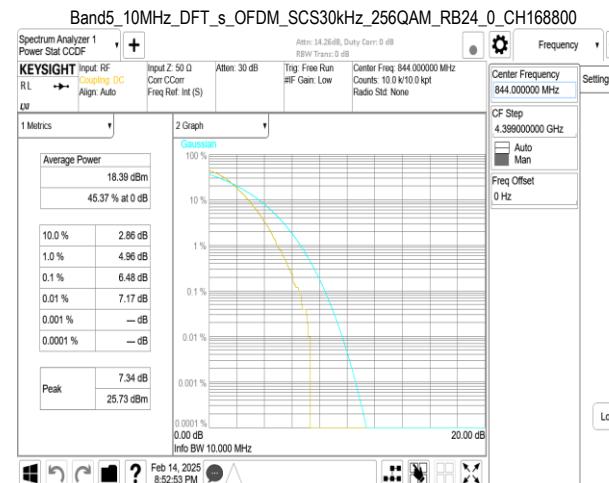
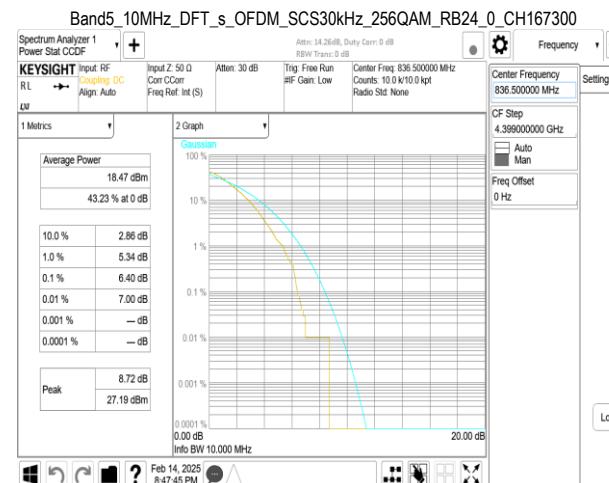
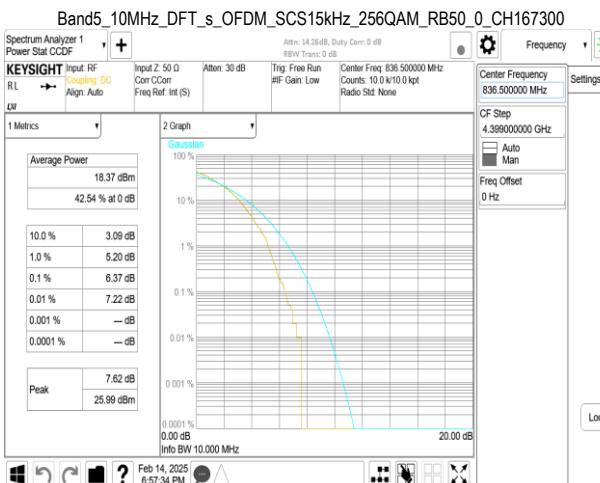
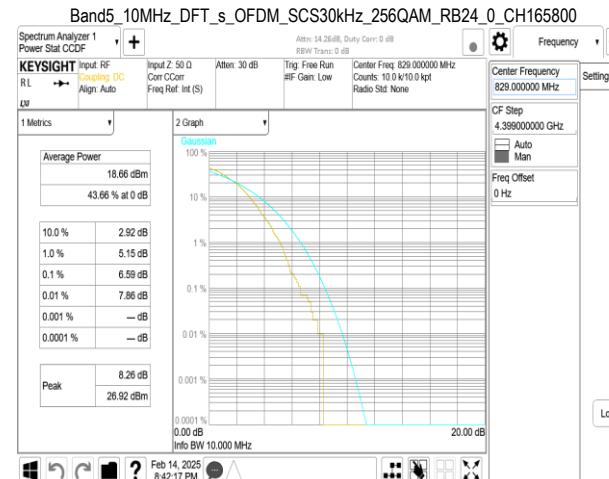
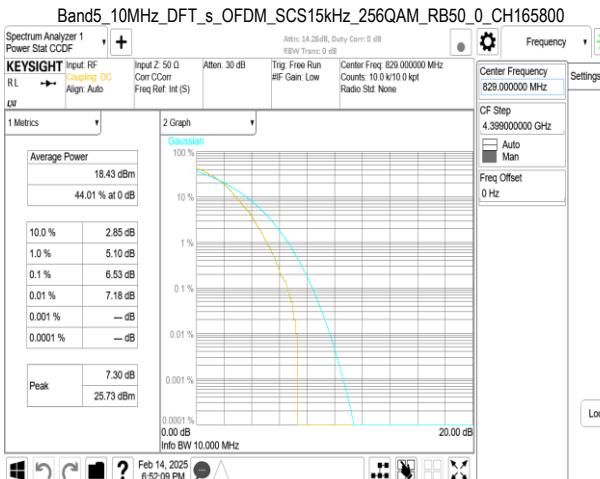
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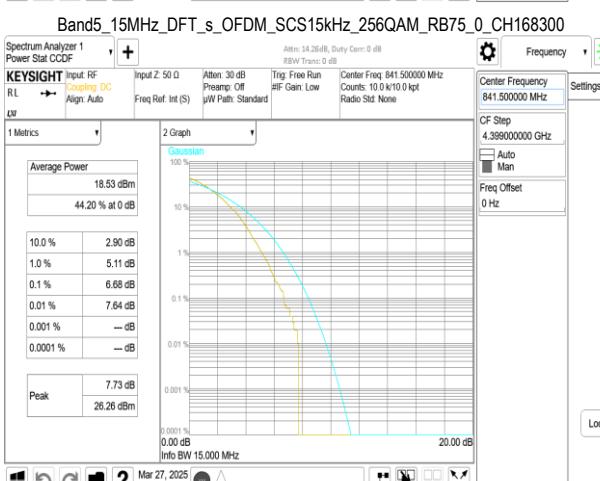
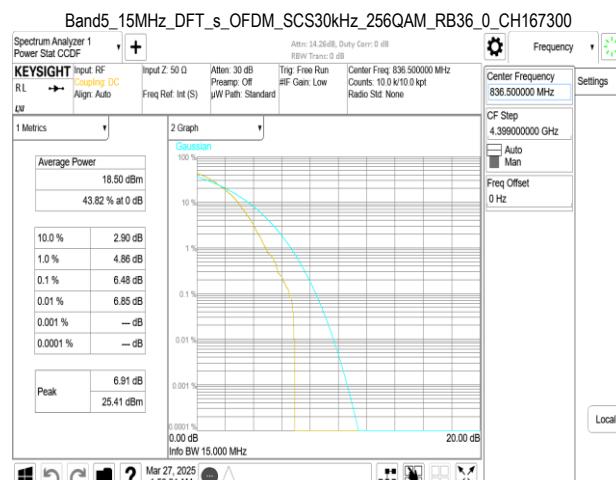
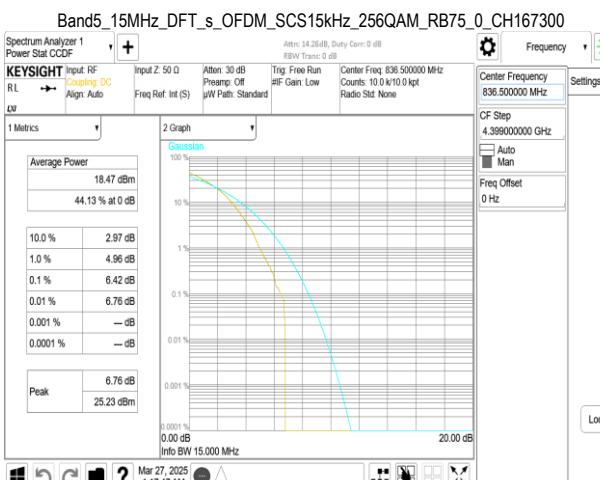
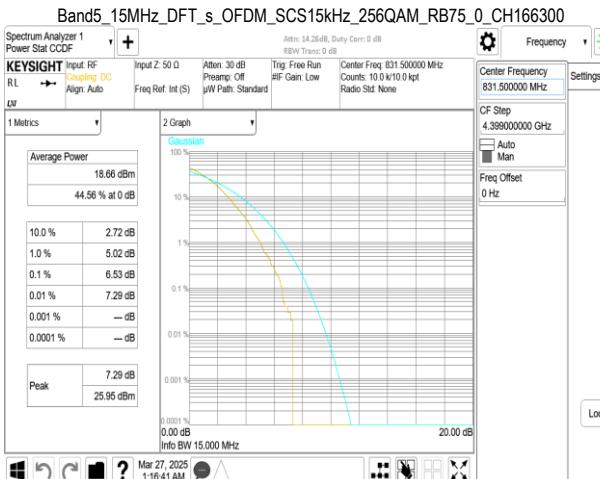
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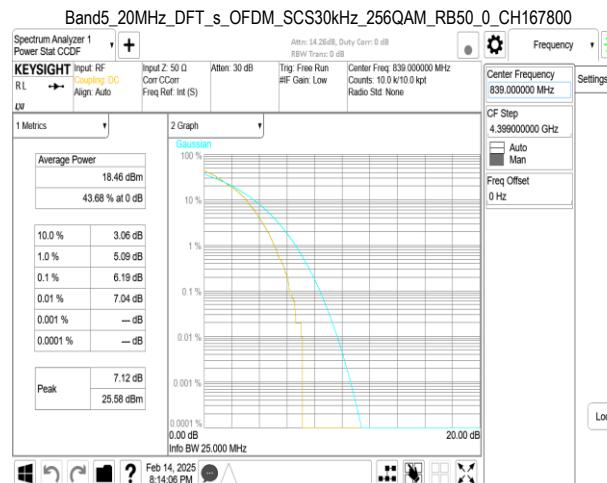
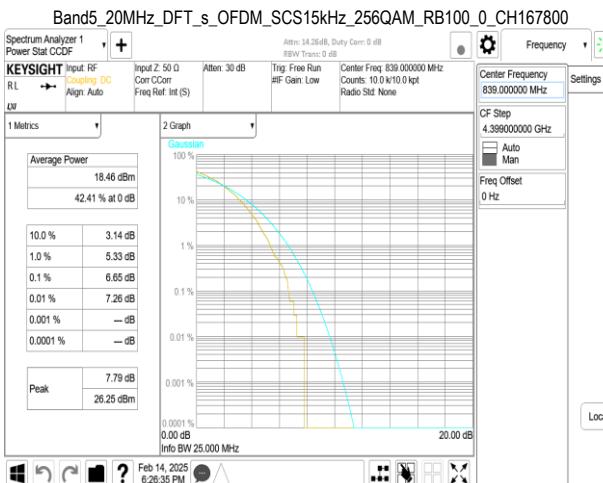
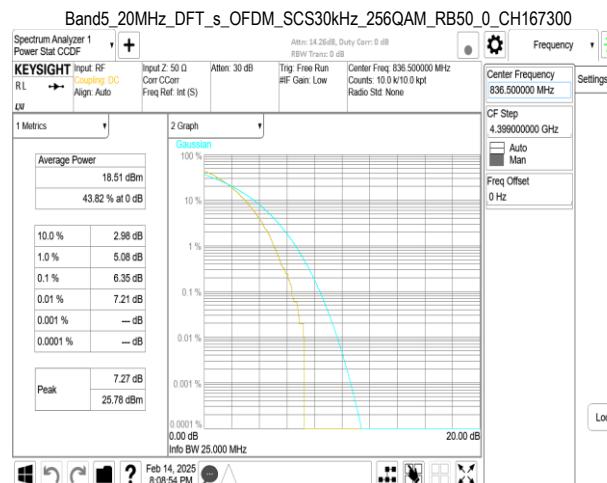
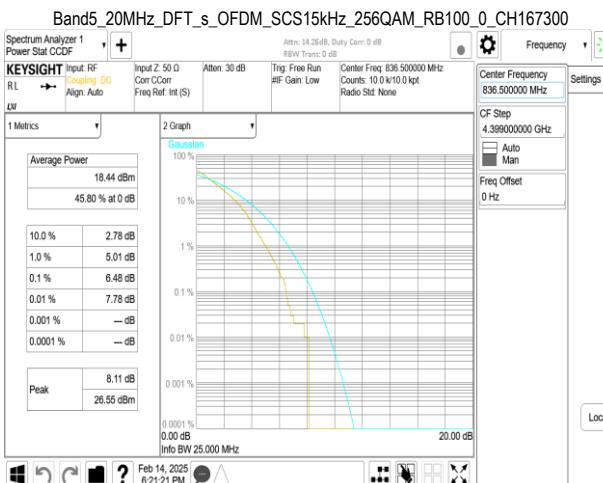
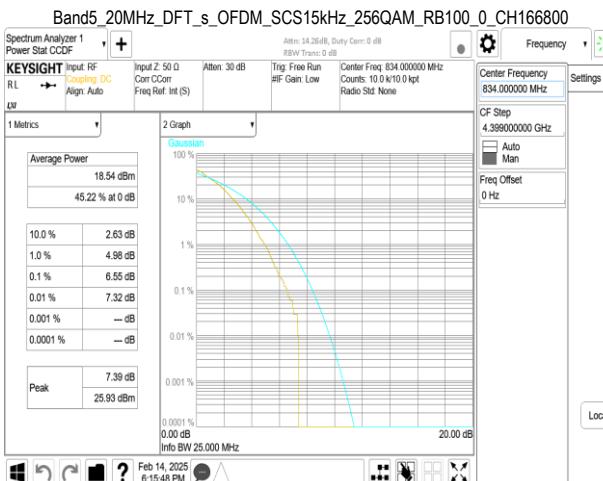
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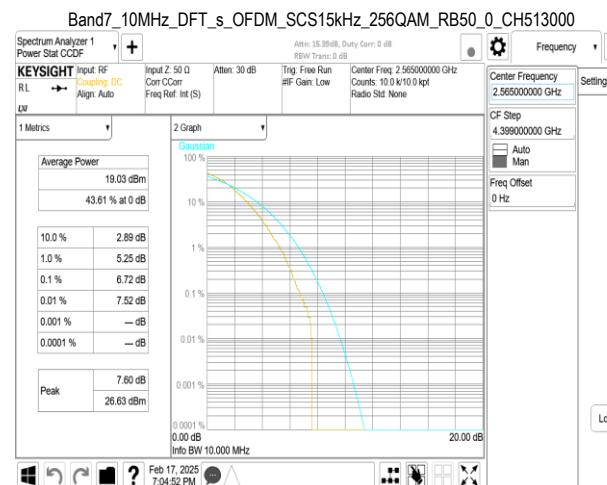
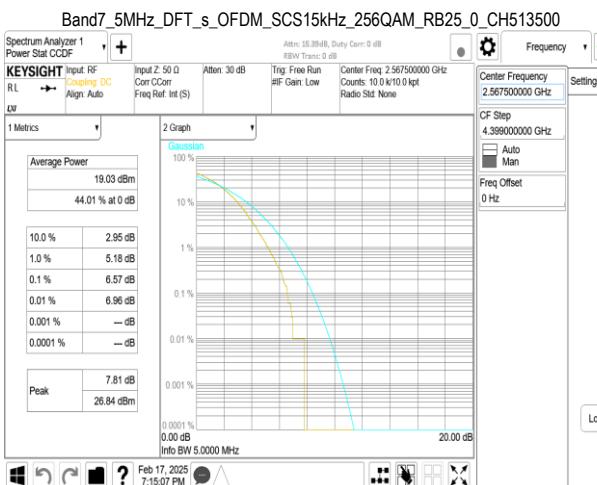
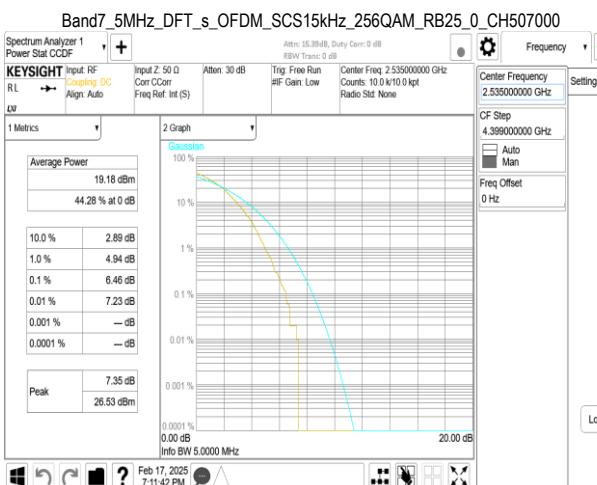
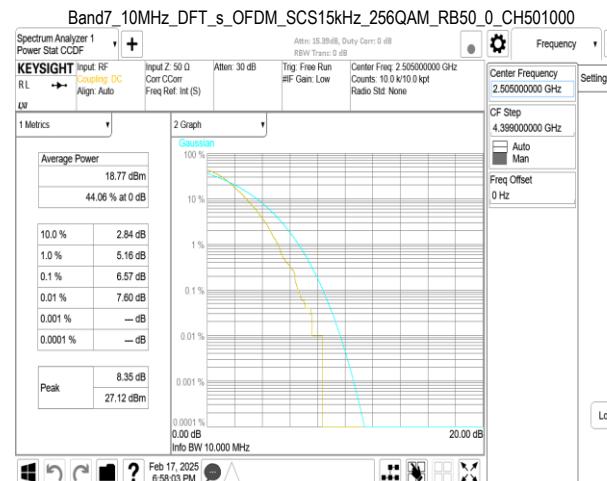
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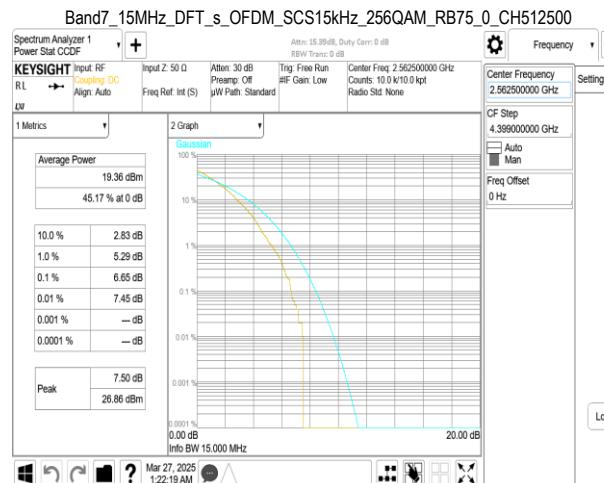
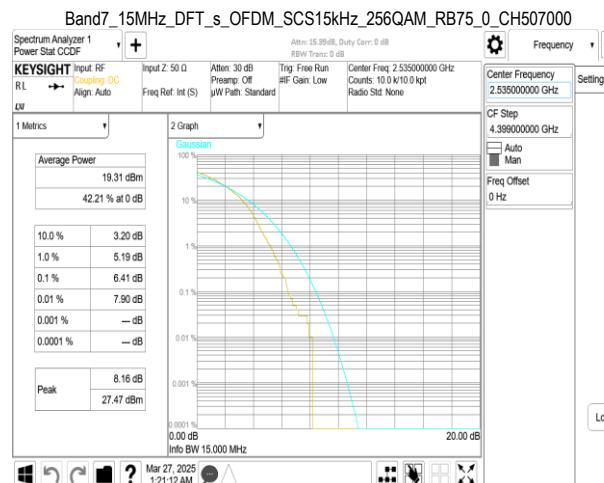
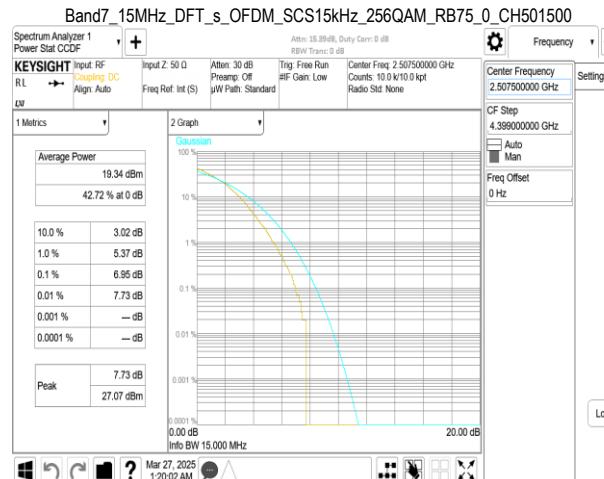
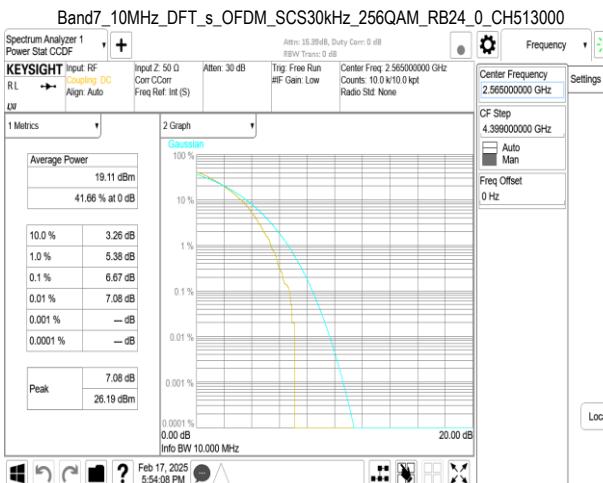
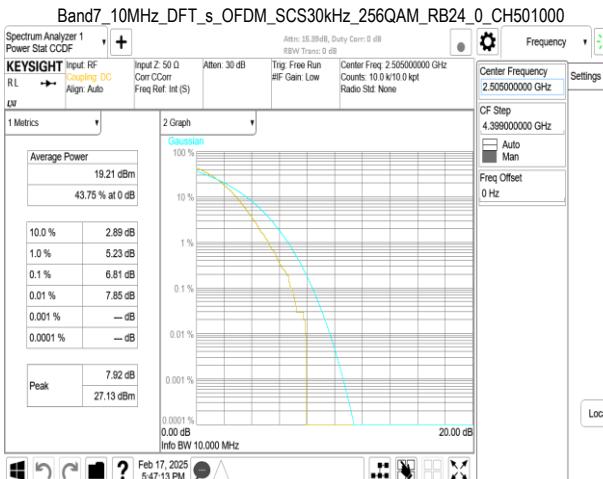
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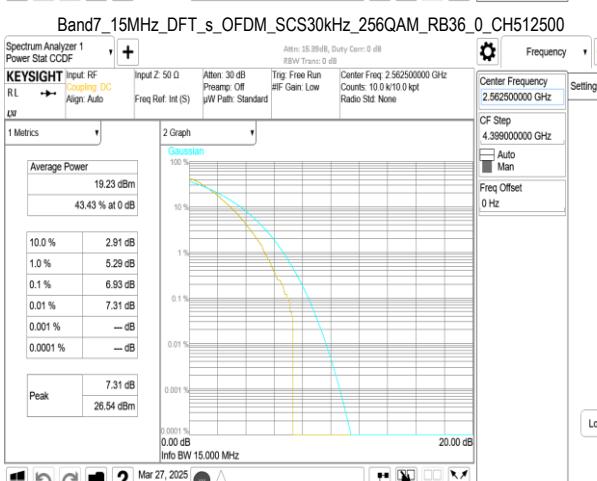
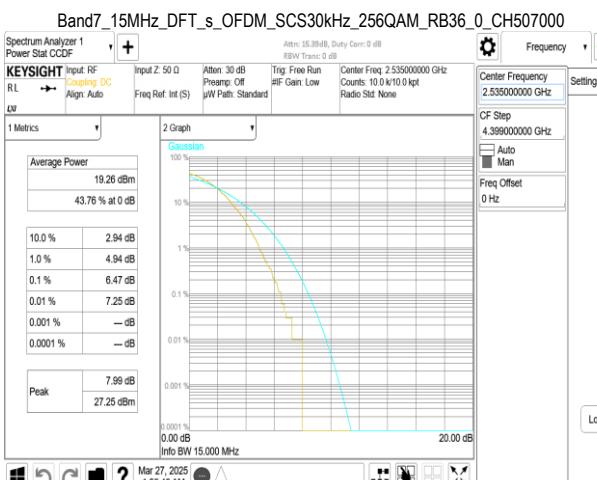
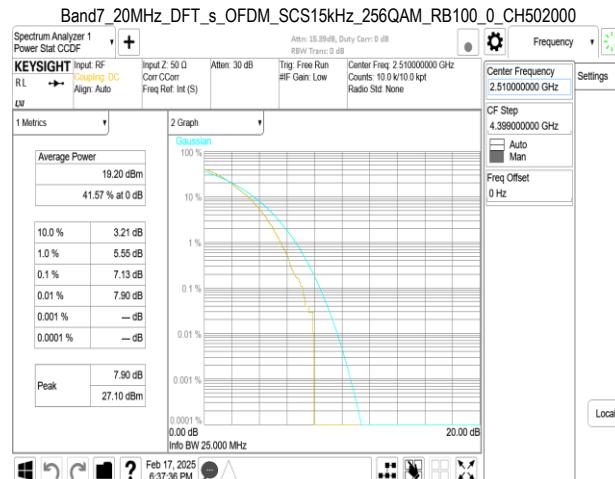
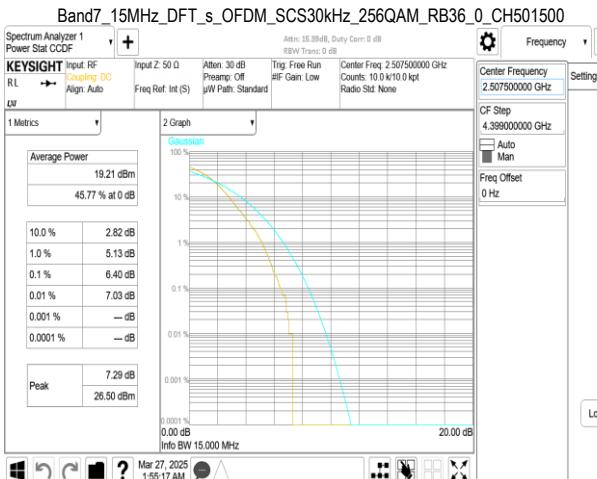
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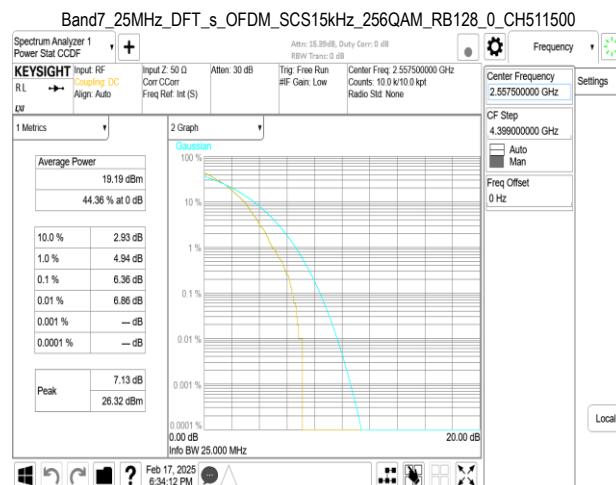
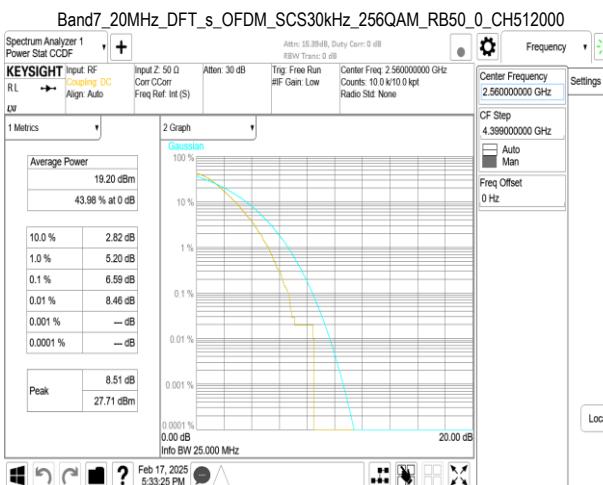
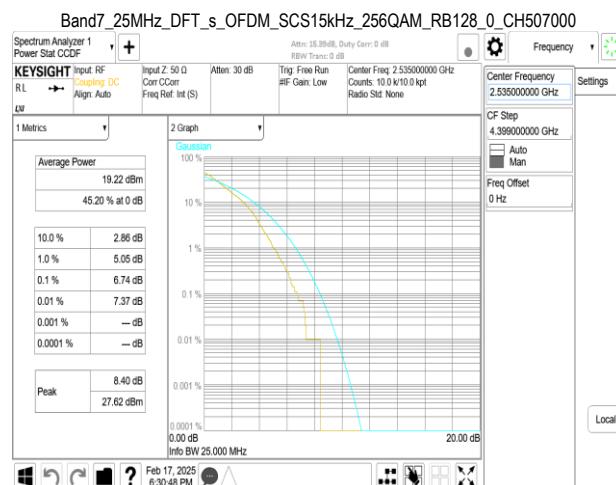
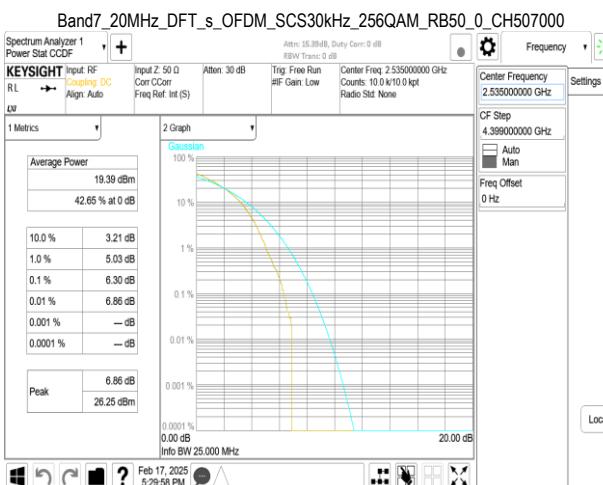
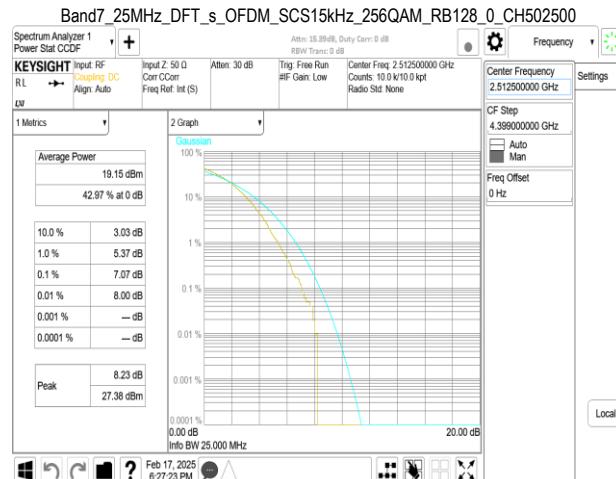
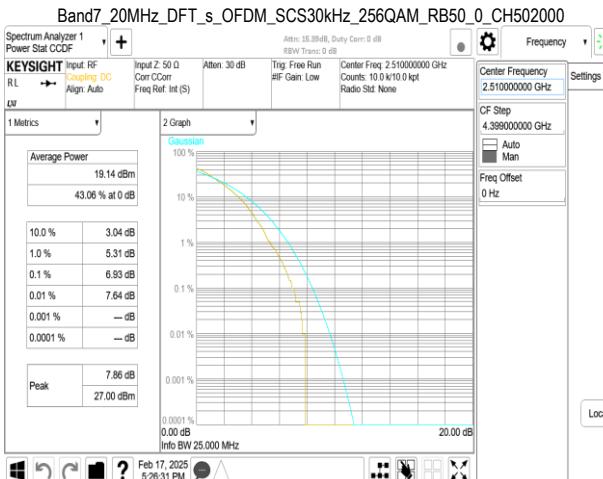
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