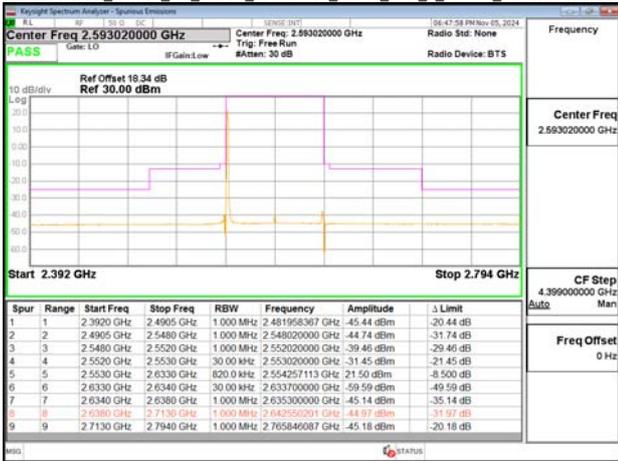
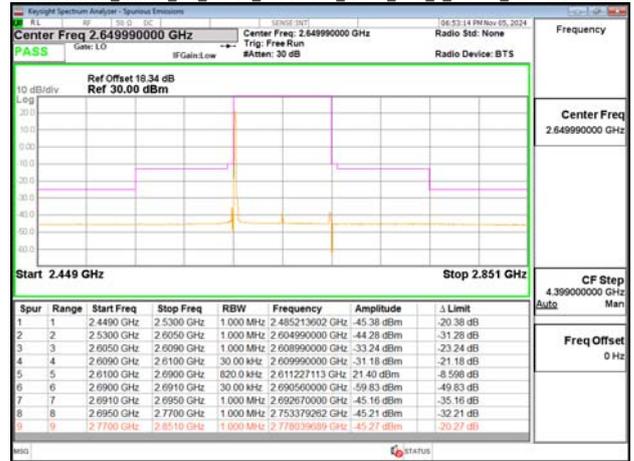


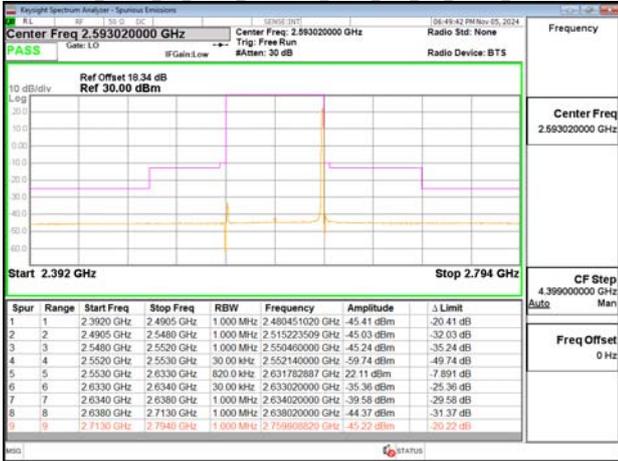
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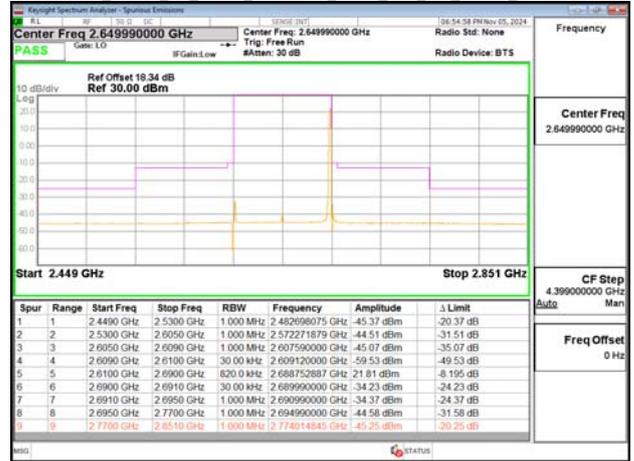
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Band41\_80MHz\_CP\_OFDM\_SCS30kHz\_OPSK\_RB1\_216\_Chain0\_CH518604



Band41\_80MHz\_CP\_OFDM\_SCS30kHz\_OPSK\_RB1\_216\_Chain0\_CH529998



Band41\_80MHz\_CP\_OFDM\_SCS30kHz\_OPSK\_RB217\_0\_Chain0\_CH518604



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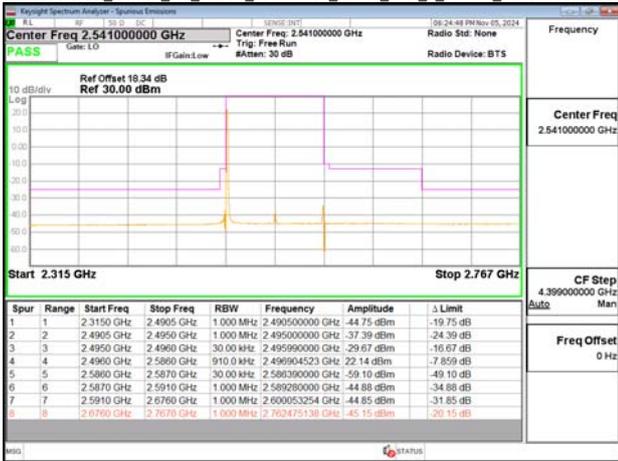


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Band41\_90MHz\_CP\_OFDM\_SCS30kHz\_OPSK\_RB1\_0\_Chain0\_CH508200



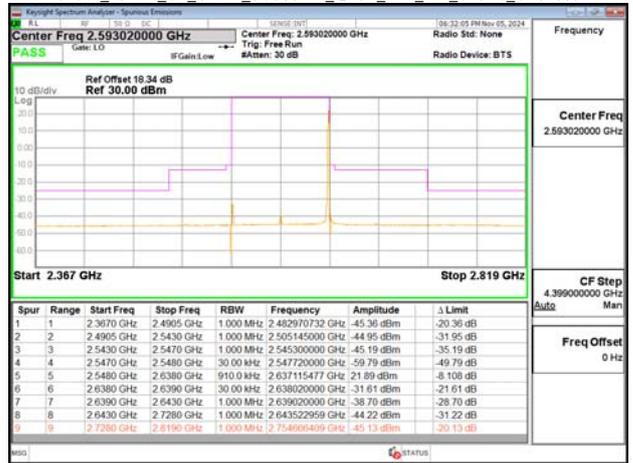
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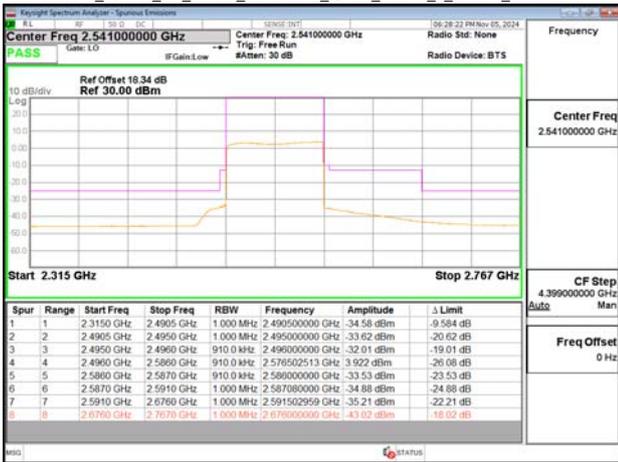
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Band41\_90MHz\_CP\_OFDM\_SCS30kHz\_OPSK\_RB1\_244\_Chain0\_CH518604



Band41\_90MHz\_CP\_OFDM\_SCS30kHz\_OPSK\_RB245\_0\_Chain0\_CH508200



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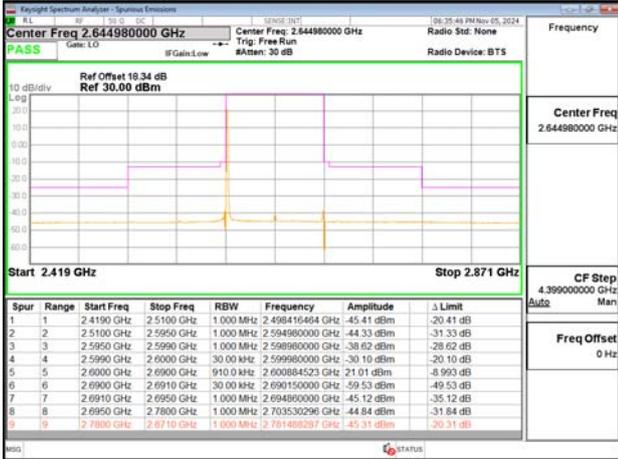


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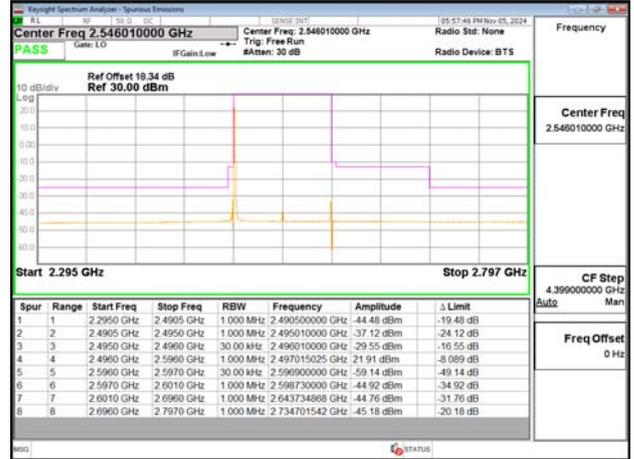
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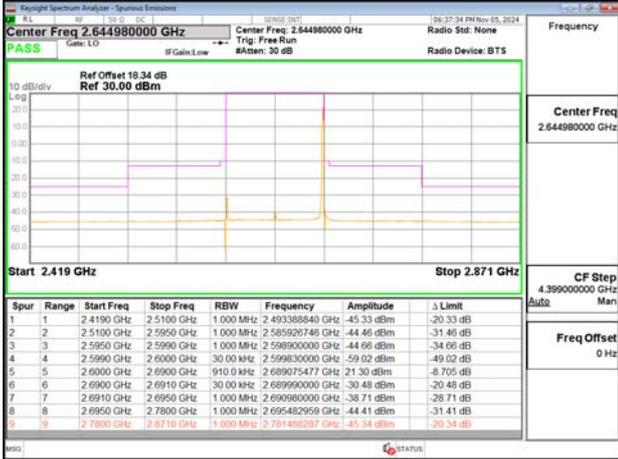
Band41\_90MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB1\_0\_Chain0\_CH528996



Band41\_100MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB1\_0\_Chain0\_CH509202



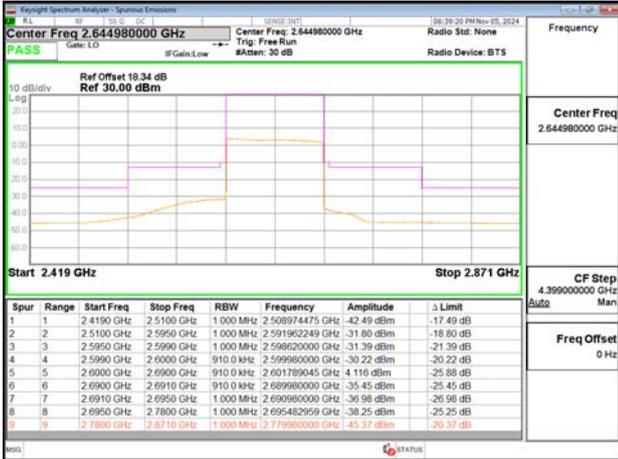
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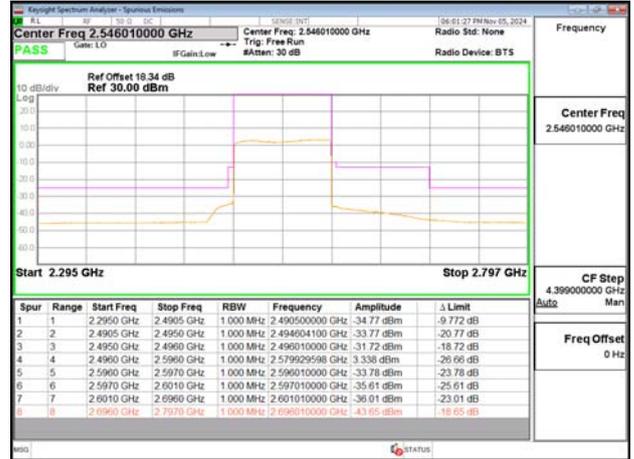
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Band41\_90MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB245\_0\_Chain0\_CH528996



Band41\_100MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB273\_0\_Chain0\_CH509202

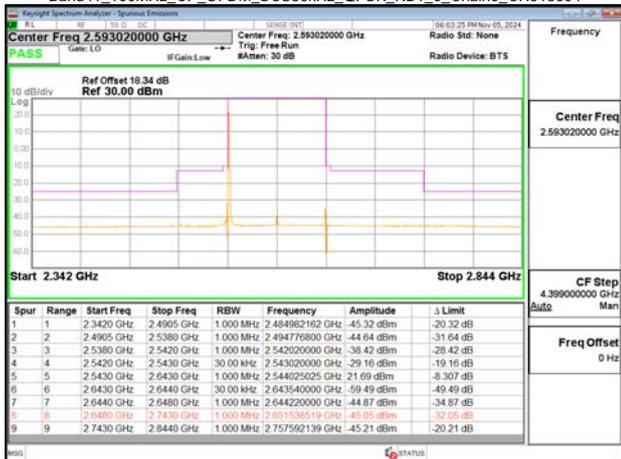


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Band41\_100MHz\_CP\_OFDM\_SCS30kHz\_OPSK\_RB1\_0\_Chain0\_CH518604



Band41\_100MHz\_CP\_OFDM\_SCS30kHz\_OPSK\_RB1\_0\_Chain0\_CH528000



Band41\_100MHz\_CP\_OFDM\_SCS30kHz\_OPSK\_RB1\_272\_Chain0\_CH518604



Band41\_100MHz\_CP\_OFDM\_SCS30kHz\_OPSK\_RB1\_272\_Chain0\_CH528000



Band41\_100MHz\_CP\_OFDM\_SCS30kHz\_OPSK\_RB273\_0\_Chain0\_CH518604



Band41\_100MHz\_CP\_OFDM\_SCS30kHz\_OPSK\_RB273\_0\_Chain0\_CH528000



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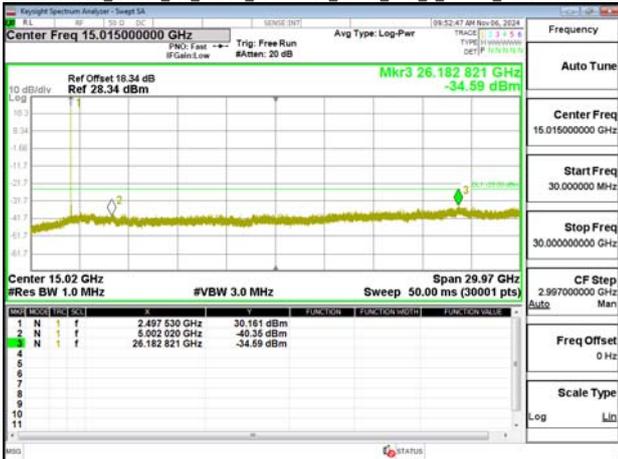
#### 4 SPURIOUS EMISSION AT ANTENNA TERMINALS:

Refer to next pages.

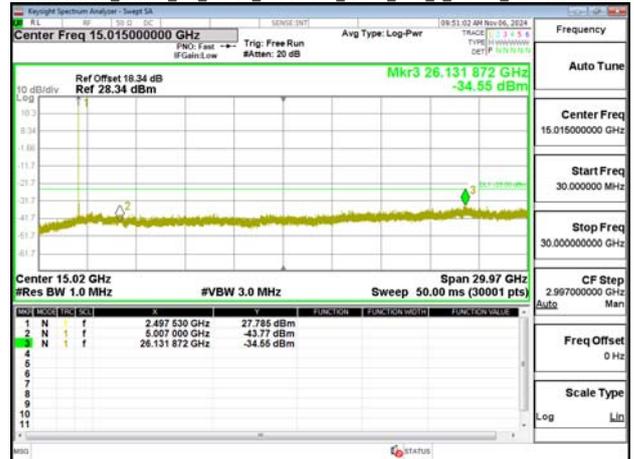
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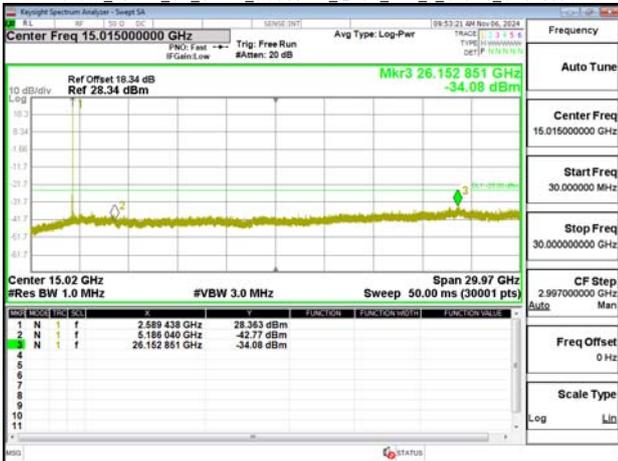
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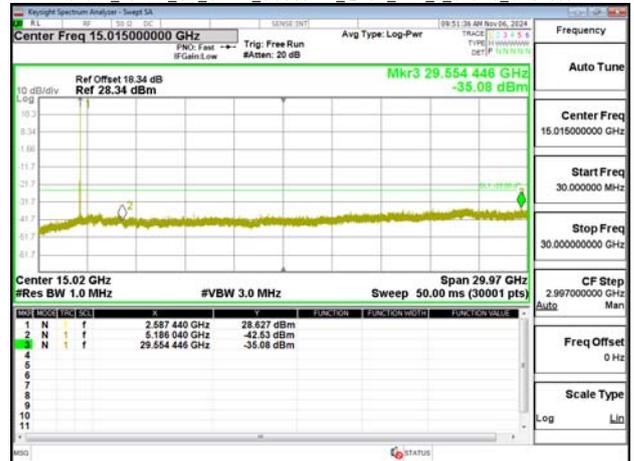
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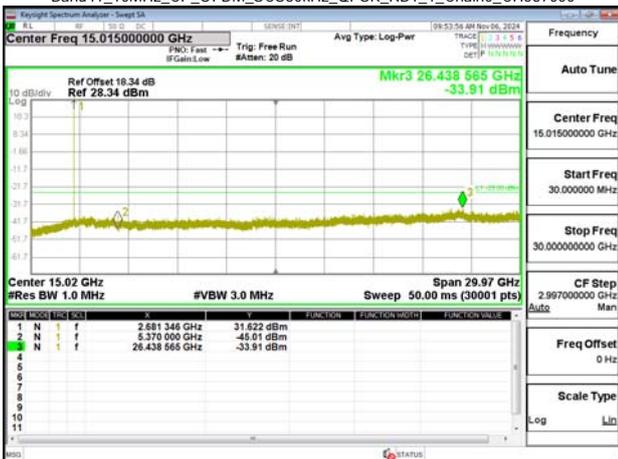
Band41\_10MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB1\_1\_Chain0\_CH518604



Band41\_15MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB1\_1\_Chain0\_CH518604



Band41\_10MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB1\_1\_Chain0\_CH537000



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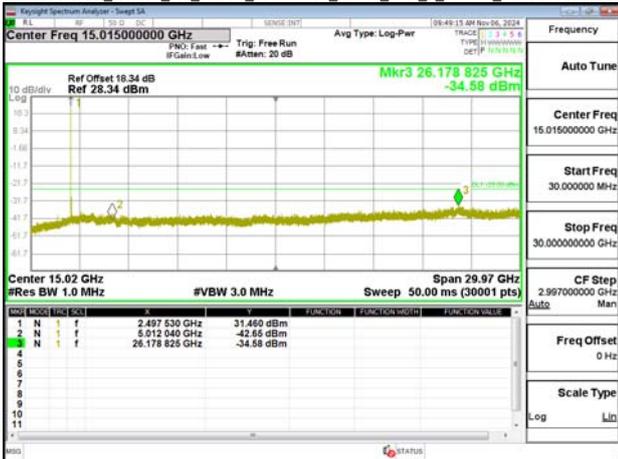


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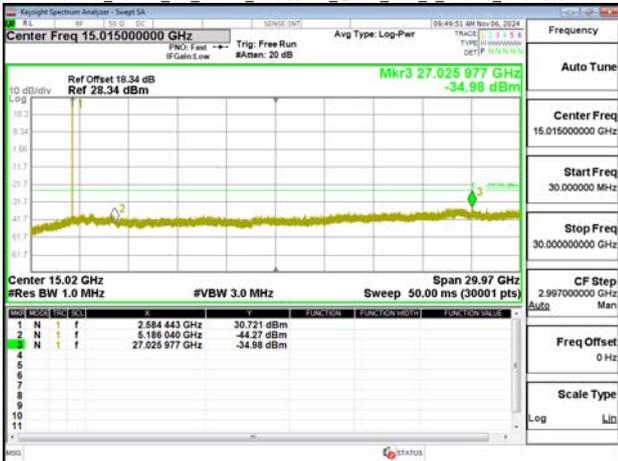
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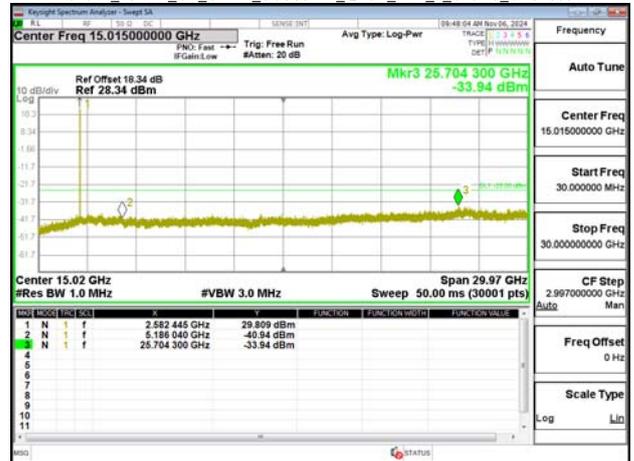
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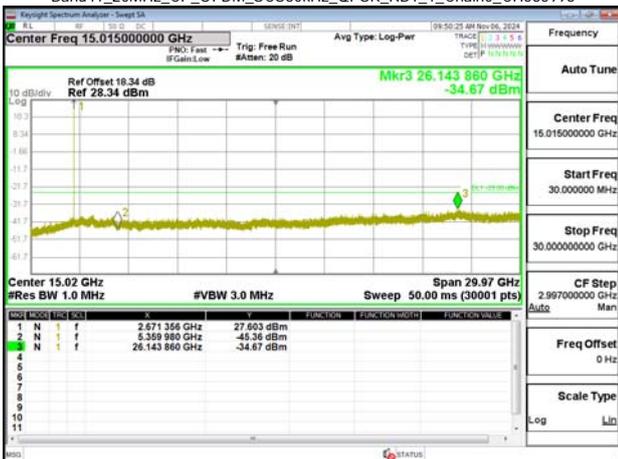
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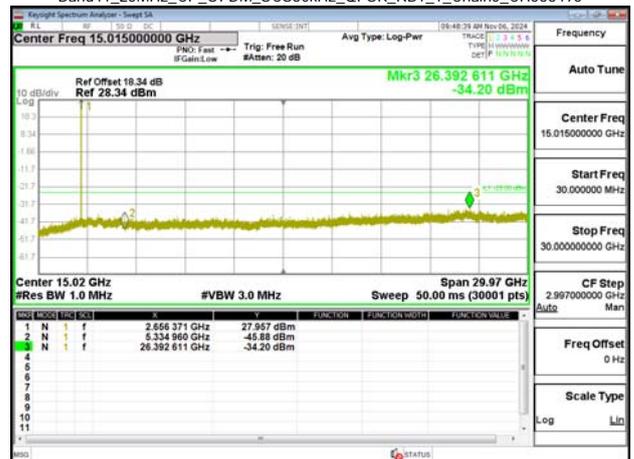
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Band41\_20MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB1\_1\_Chain0\_CH535998



Band41\_25MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB1\_1\_Chain0\_CH533496



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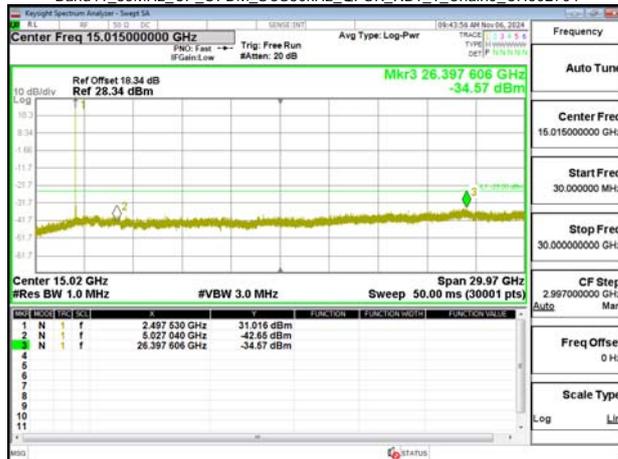
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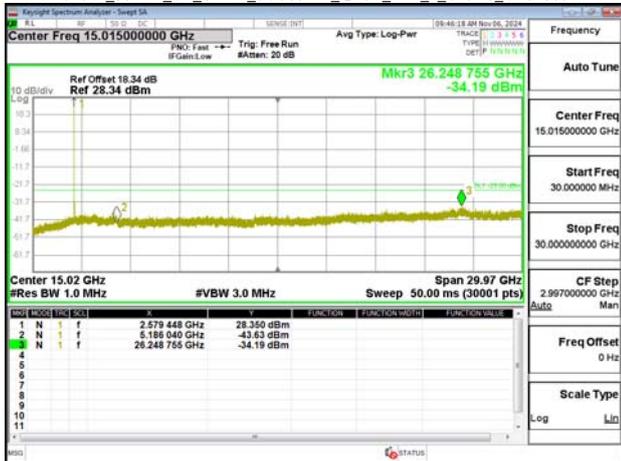
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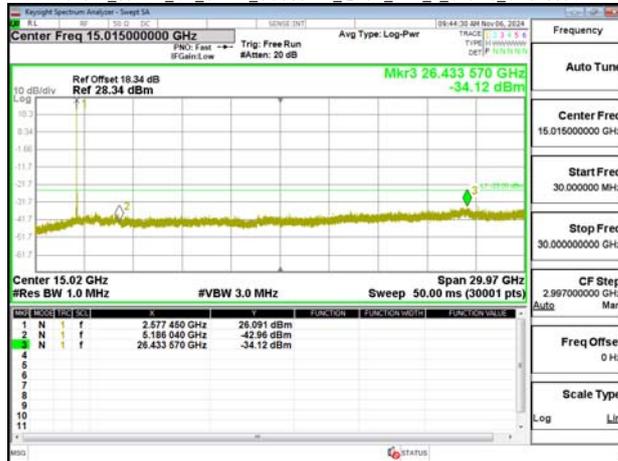
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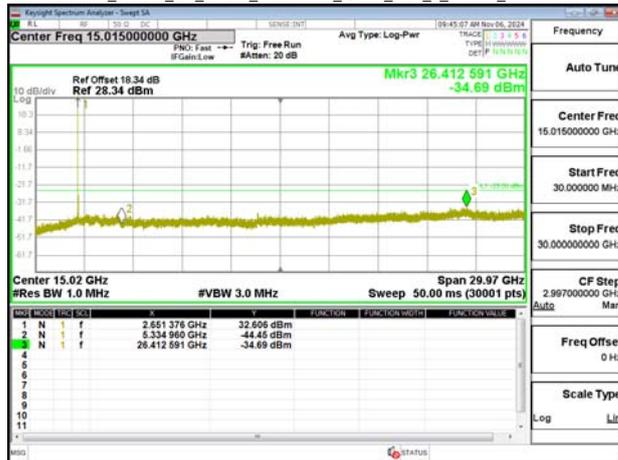
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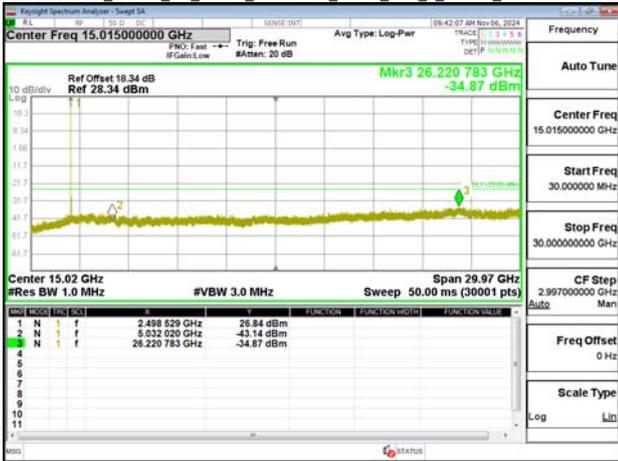


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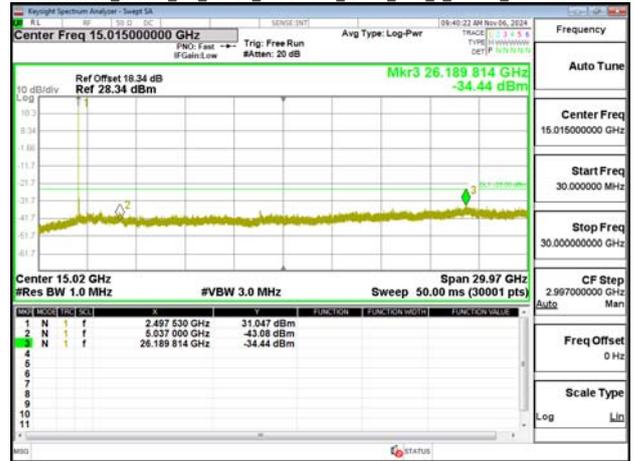
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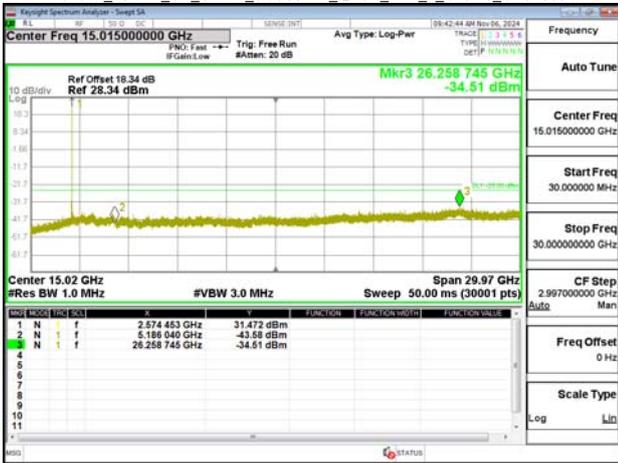
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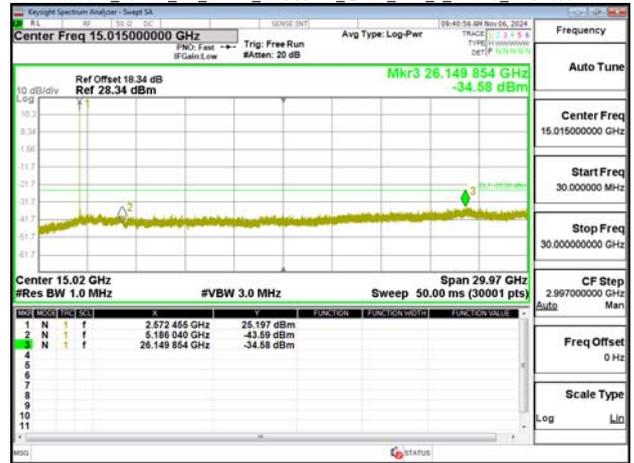
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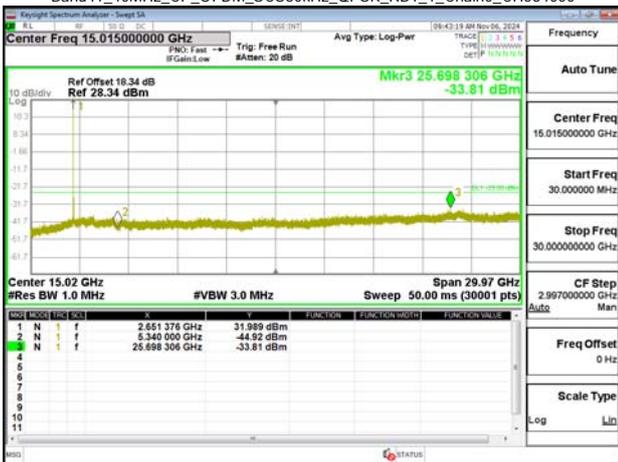
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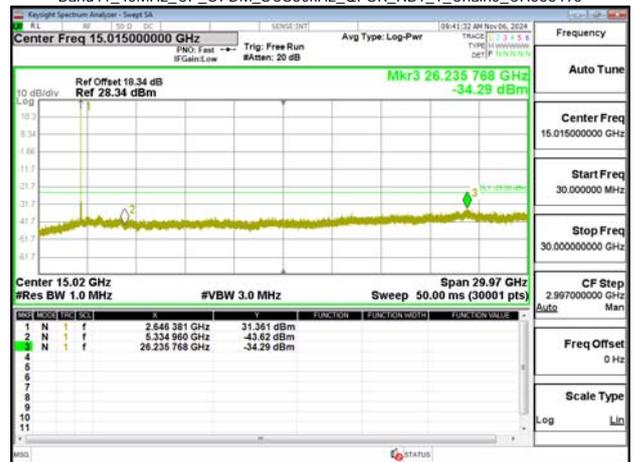
Band41\_45MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB1\_1\_Chain0\_CH518604



Band41\_40MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB1\_1\_Chain0\_CH534000



Band41\_45MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB1\_1\_Chain0\_CH533496



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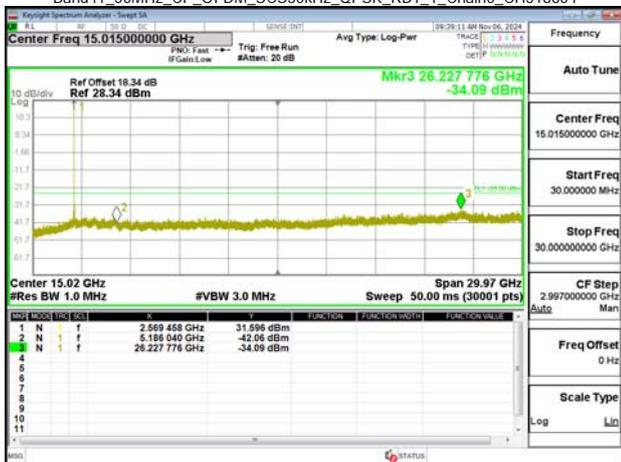
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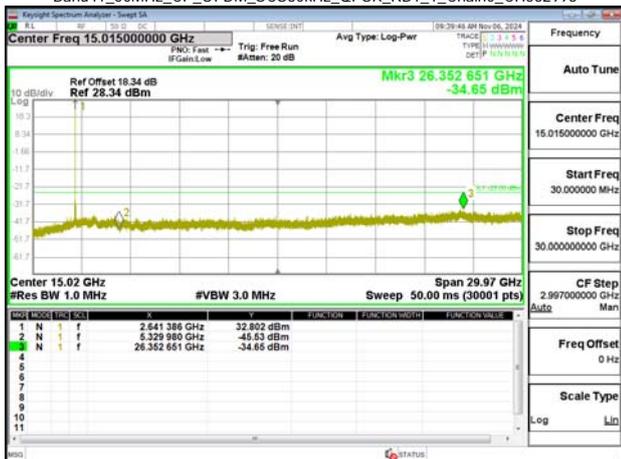
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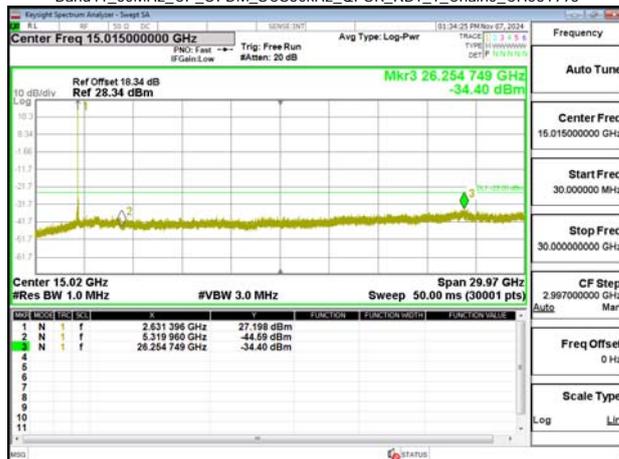
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Band41\_50MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB1\_1\_Chain0\_CH532998



Band41\_60MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB1\_1\_Chain0\_CH531996



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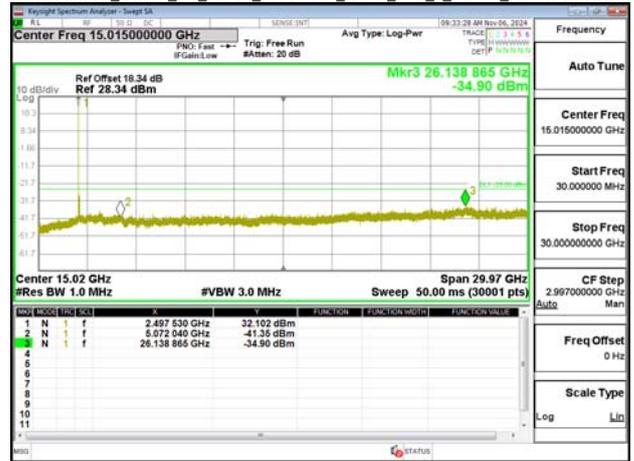
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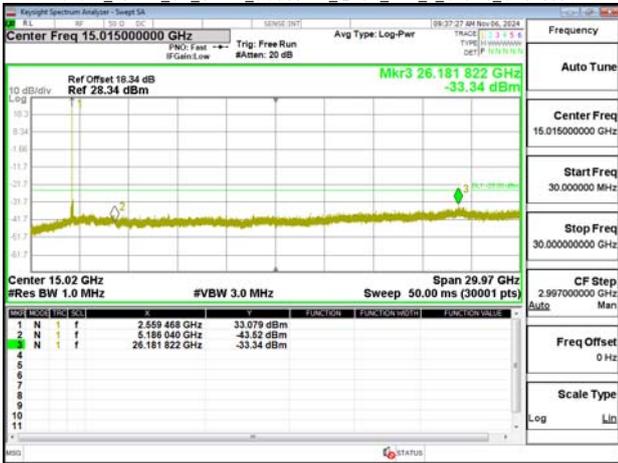
Band41\_70MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB1\_1\_Chain0\_CH506202



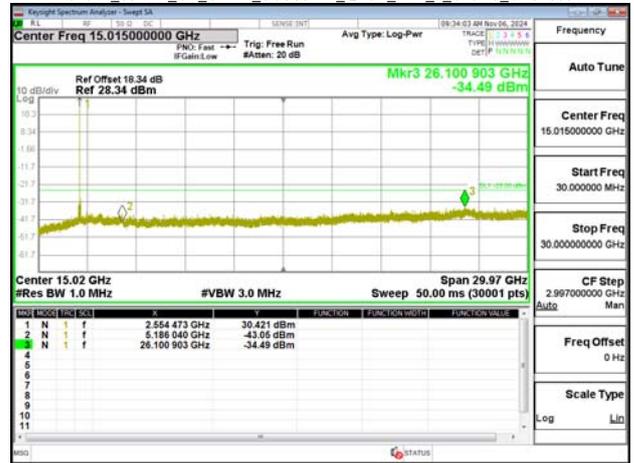
Band41\_80MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB1\_1\_Chain0\_CH507204



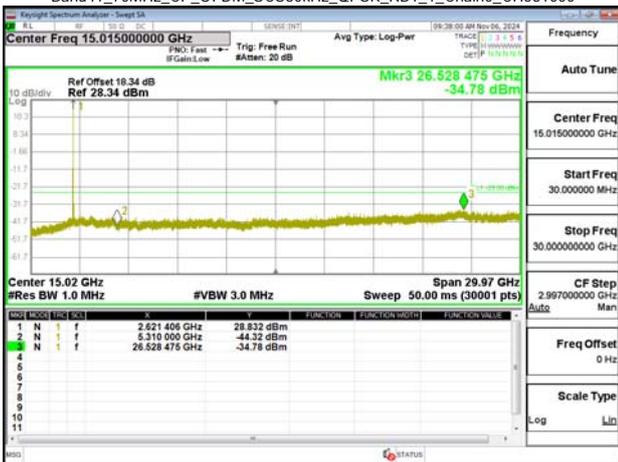
Band41\_70MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB1\_1\_Chain0\_CH518604



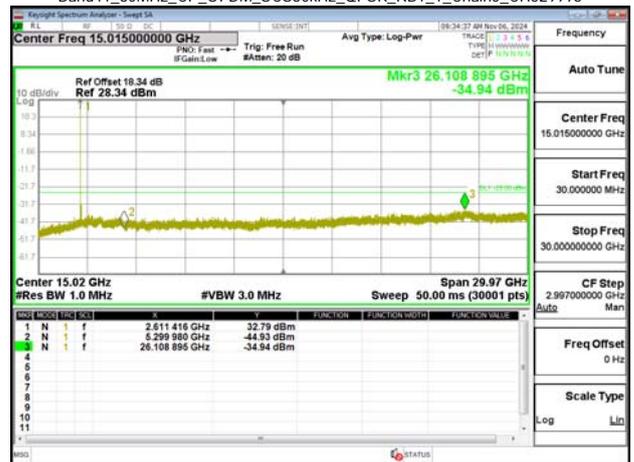
Band41\_80MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB1\_1\_Chain0\_CH518604



Band41\_70MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB1\_1\_Chain0\_CH531000



Band41\_80MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB1\_1\_Chain0\_CH529998

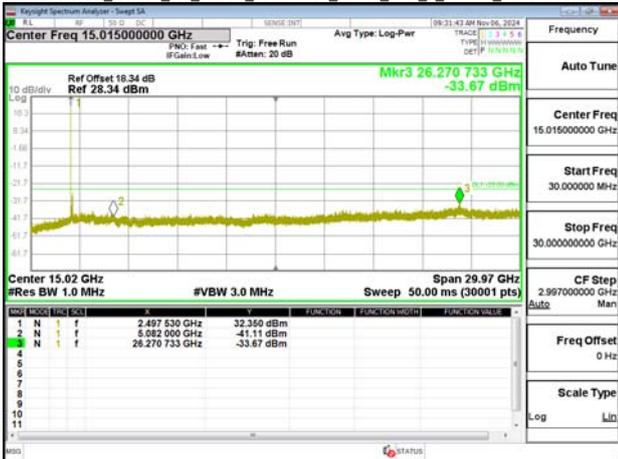


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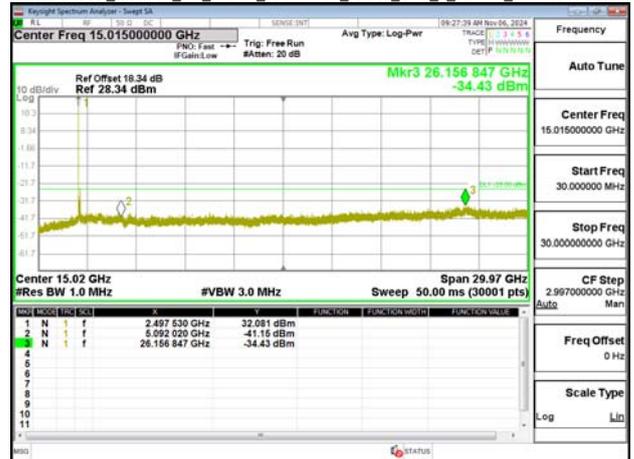
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Band41\_90MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB1\_1\_Chain0\_CH508200



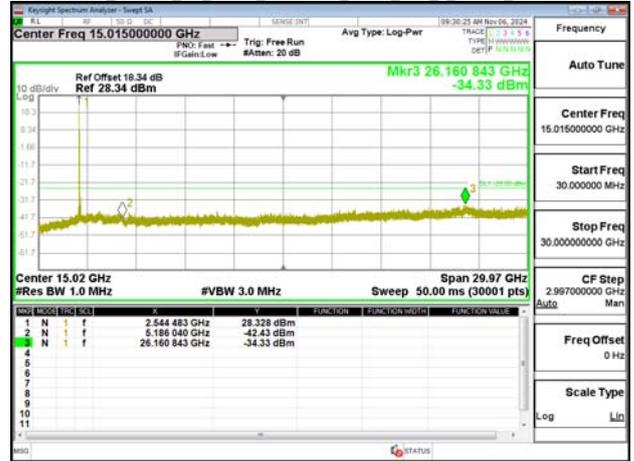
Band41\_100MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB1\_1\_Chain0\_CH509202



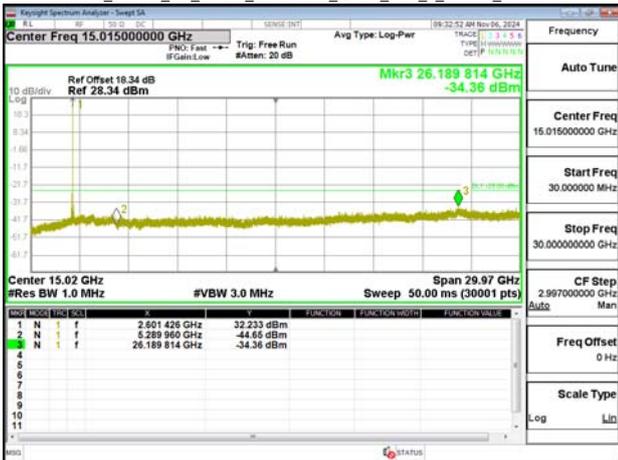
Band41\_90MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB1\_1\_Chain0\_CH518604



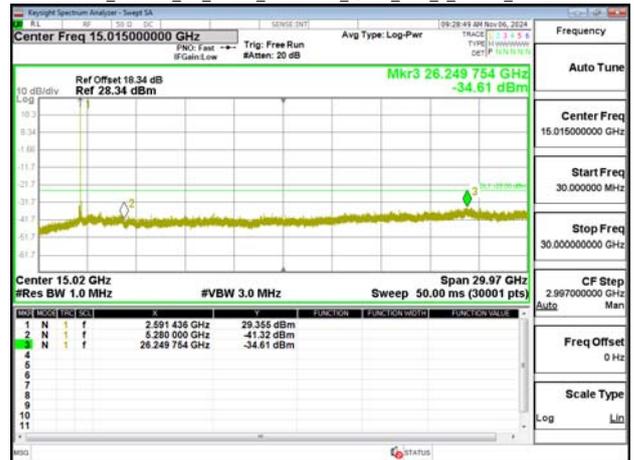
Band41\_100MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB1\_1\_Chain0\_CH518604



Band41\_90MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB1\_1\_Chain0\_CH528996



Band41\_100MHz\_CP\_OFDM\_SCS30kHz\_QPSK\_RB1\_1\_Chain0\_CH528000



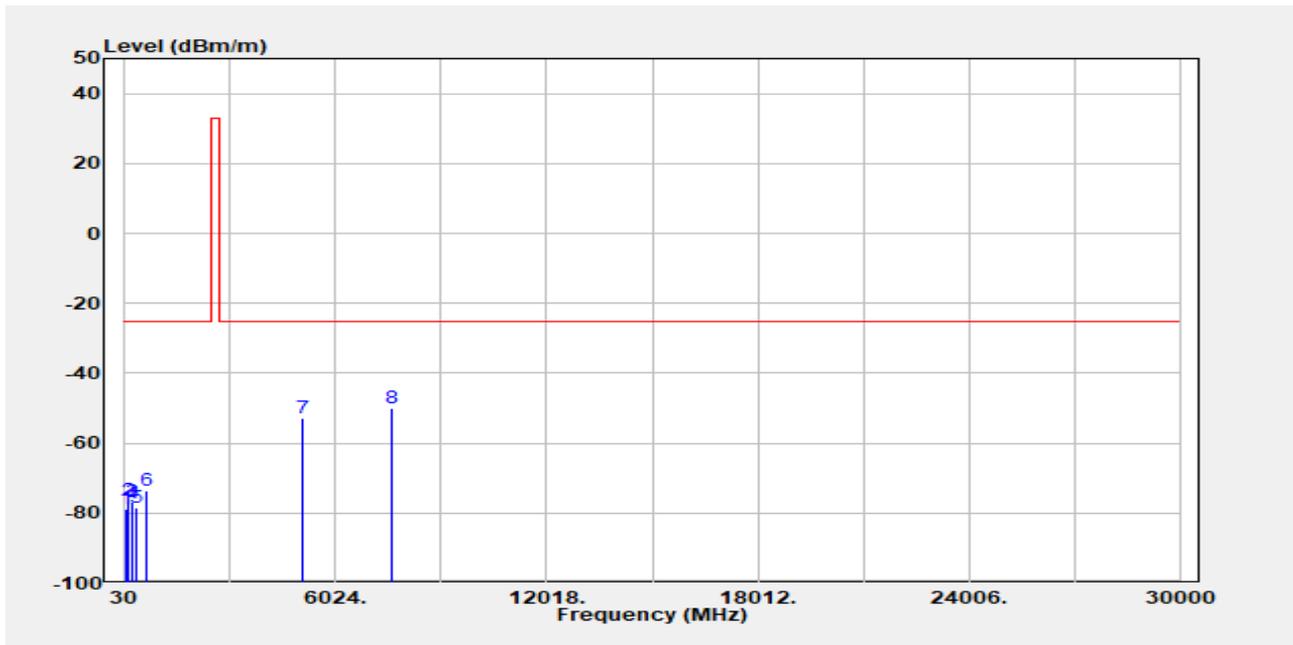
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## 5 FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

|                |                   |              |             |
|----------------|-------------------|--------------|-------------|
| Report Number  | :TERF2407002104ER | Test Site    | :SAC 3      |
| Operation Mode | :NR_n41(2TX)      | Test Date    | :2024-11-13 |
| Test Mode      | :Tx               | Temp./Humi.  | :25.8°C/50% |
| EUT Pol        | :H Plane          | Antenna Pol. | :Vertical   |
| Test Frequency | :2546.01 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>dBm | Margin<br>dB |
|--------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 85.290       | -78.87          | -75.64                    | -1.54                      | -1.69               | -25.00       | -53.87       |
| 127.000      | -76.51          | -72.8                     | -1.64                      | -2.07               | -25.00       | -51.51       |
| 215.270      | -76.93          | -78.79                    | 4.54                       | -2.68               | -25.00       | -51.93       |
| 237.580      | -77.34          | -78.35                    | 3.83                       | -2.82               | -25.00       | -52.34       |
| 348.160      | -78.37          | -79.09                    | 4.12                       | -3.40               | -25.00       | -53.37       |
| 652.740      | -73.62          | -72.73                    | 3.77                       | -4.66               | -25.00       | -48.62       |
| 5092.020     | -52.97          | -51.94                    | 12.40                      | -13.43              | -25.00       | -27.97       |
| 7638.030     | -50.16          | -44.85                    | 11.28                      | -16.59              | -25.00       | -25.16       |

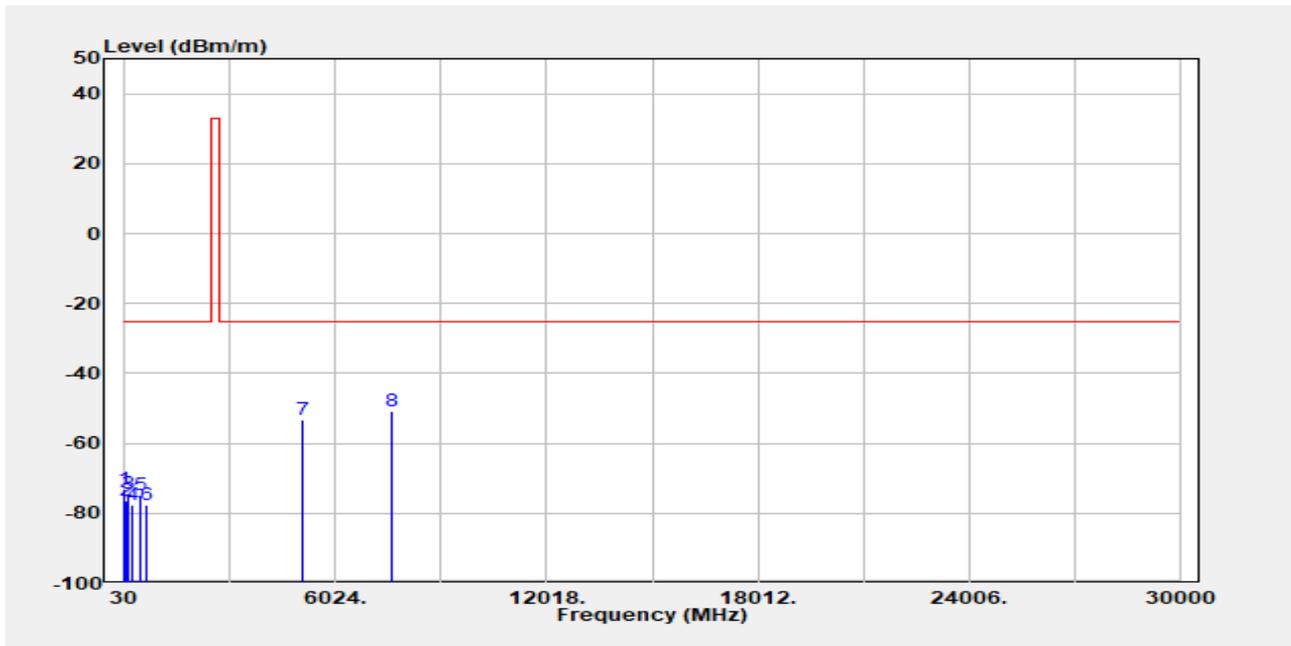
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Report Number :TERF2407002104ER  
 Operation Mode :NR\_n41(2TX)  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :2546.01 MHz

Test Site :SAC 3  
 Test Date :2024-11-13  
 Temp./Humi. :25.8°C/50%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



| Freq.<br>MHz | EIRP/ERP<br>dBm | SG<br>Output Level<br>dBm | Antenna<br>Gain<br>dBi/dBd | Cable<br>Loss<br>dB | Limit<br>dBm | Margin<br>dB |
|--------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 30.000       | -73.16          | -57.28                    | -14.88                     | -1.00               | -25.00       | -48.16       |
| 45.520       | -76.30          | -62.45                    | -12.61                     | -1.24               | -25.00       | -51.30       |
| 145.430      | -74.38          | -70.46                    | -1.72                      | -2.20               | -25.00       | -49.38       |
| 215.270      | -77.69          | -79.55                    | 4.54                       | -2.68               | -25.00       | -52.69       |
| 485.900      | -74.72          | -74.77                    | 4.07                       | -4.02               | -25.00       | -49.72       |
| 651.770      | -77.64          | -76.74                    | 3.76                       | -4.66               | -25.00       | -52.64       |
| 5092.020     | -53.44          | -52.41                    | 12.40                      | -13.43              | -25.00       | -28.44       |
| 7638.030     | -50.97          | -45.66                    | 11.28                      | -16.59              | -25.00       | -25.97       |

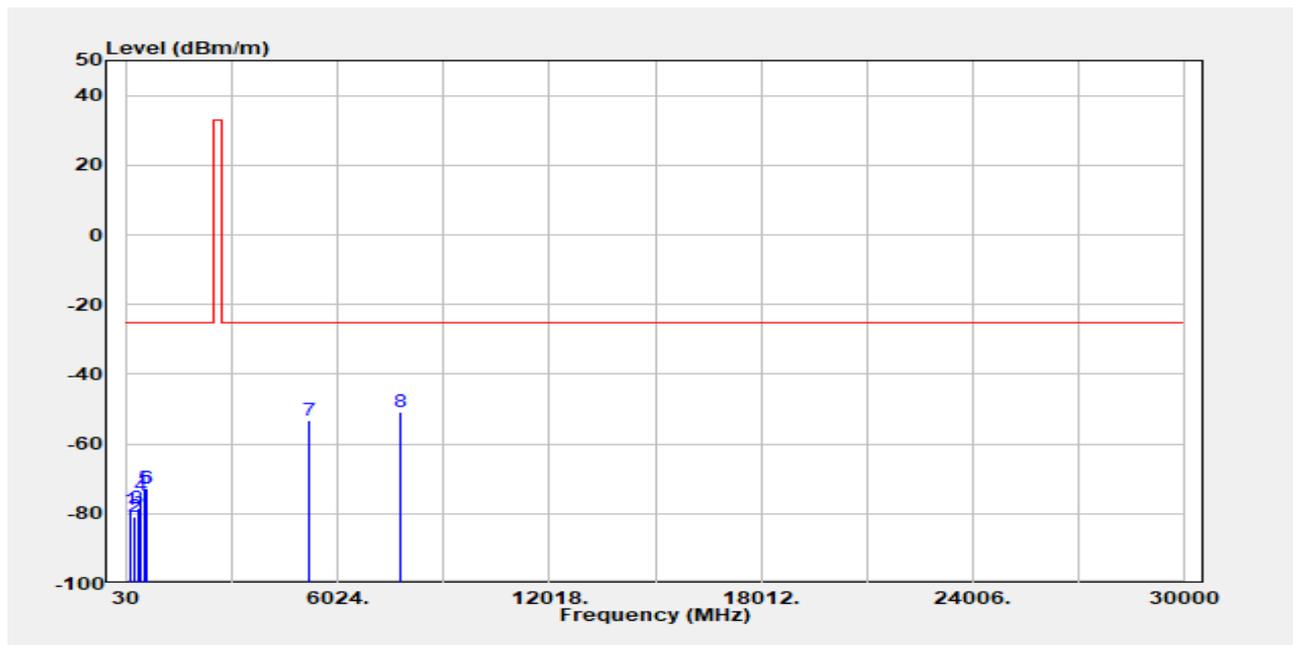
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Report Number :TERF2407002104ER  
 Operation Mode :NR\_n41(2TX)  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :2593.02 MHz

Test Site :SAC 3  
 Test Date :2024-11-13  
 Temp./Humi. :25.8°C/50%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



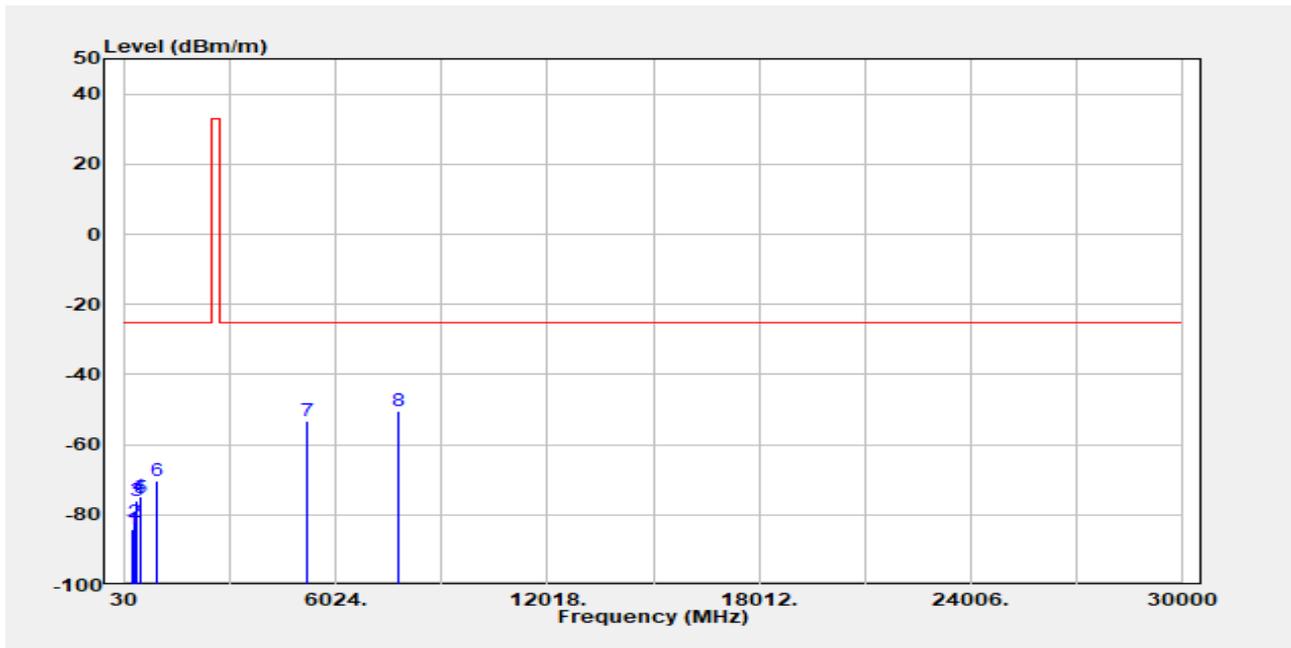
| Freq.<br>MHz | EIRP/ERP<br>dBm | SG<br>Output Level<br>dBm | Antenna<br>Gain<br>dBi/dBd | Cable<br>Loss<br>dB | Limit<br>dBm | Margin<br>dB |
|--------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 124.090      | -79.04          | -75.45                    | -1.55                      | -2.04               | -25.00       | -54.04       |
| 215.270      | -80.71          | -82.57                    | 4.54                       | -2.68               | -25.00       | -55.71       |
| 323.910      | -78.33          | -78.95                    | 3.91                       | -3.29               | -25.00       | -53.33       |
| 418.000      | -74.70          | -75.11                    | 4.14                       | -3.73               | -25.00       | -49.70       |
| 499.480      | -72.59          | -72.56                    | 4.05                       | -4.08               | -25.00       | -47.59       |
| 567.380      | -72.68          | -72.55                    | 4.22                       | -4.35               | -25.00       | -47.68       |
| 5185.980     | -53.42          | -52.40                    | 12.54                      | -13.56              | -25.00       | -28.42       |
| 7778.970     | -50.62          | -45.27                    | 11.40                      | -16.75              | -25.00       | -25.62       |

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Report Number :TERF2407002104ER  
 Operation Mode :NR\_n41(2TX)  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :2593.02 MHz

Test Site :SAC 3  
 Test Date :2024-11-13  
 Temp./Humi. :25.8°C/50%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



| Freq.<br>MHz | EIRP/ERP<br>dBm | SG<br>Output Level<br>dBm | Antenna<br>Gain<br>dBi/dBd | Cable<br>Loss<br>dB | Limit<br>dBm | Margin<br>dB |
|--------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 240.490      | -84.33          | -85.18                    | 3.68                       | -2.83               | -25.00       | -59.33       |
| 298.690      | -82.10          | -82.76                    | 3.81                       | -3.15               | -25.00       | -57.10       |
| 378.230      | -75.90          | -76.36                    | 4.01                       | -3.55               | -25.00       | -50.90       |
| 440.310      | -74.84          | -74.65                    | 3.64                       | -3.83               | -25.00       | -49.84       |
| 485.900      | -75.20          | -75.25                    | 4.07                       | -4.02               | -25.00       | -50.20       |
| 926.280      | -70.22          | -67.71                    | 3.04                       | -5.55               | -25.00       | -45.22       |
| 5185.980     | -53.18          | -52.16                    | 12.54                      | -13.56              | -25.00       | -28.18       |
| 7778.970     | -50.25          | -44.90                    | 11.40                      | -16.75              | -25.00       | -25.25       |

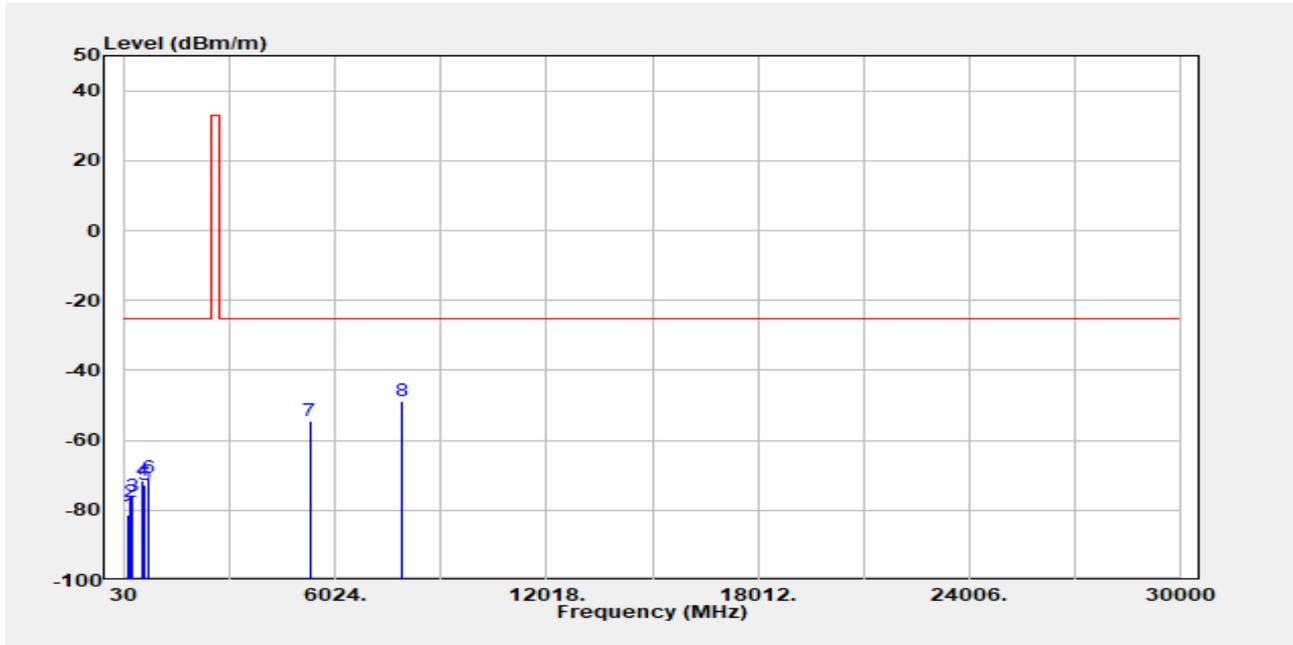
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Report Number :TERF2407002104ER  
 Operation Mode :NR\_n41(2TX)  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :2640 MHz

Test Site :SAC 3  
 Test Date :2024-11-13  
 Temp./Humi. :25.8°C/50%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



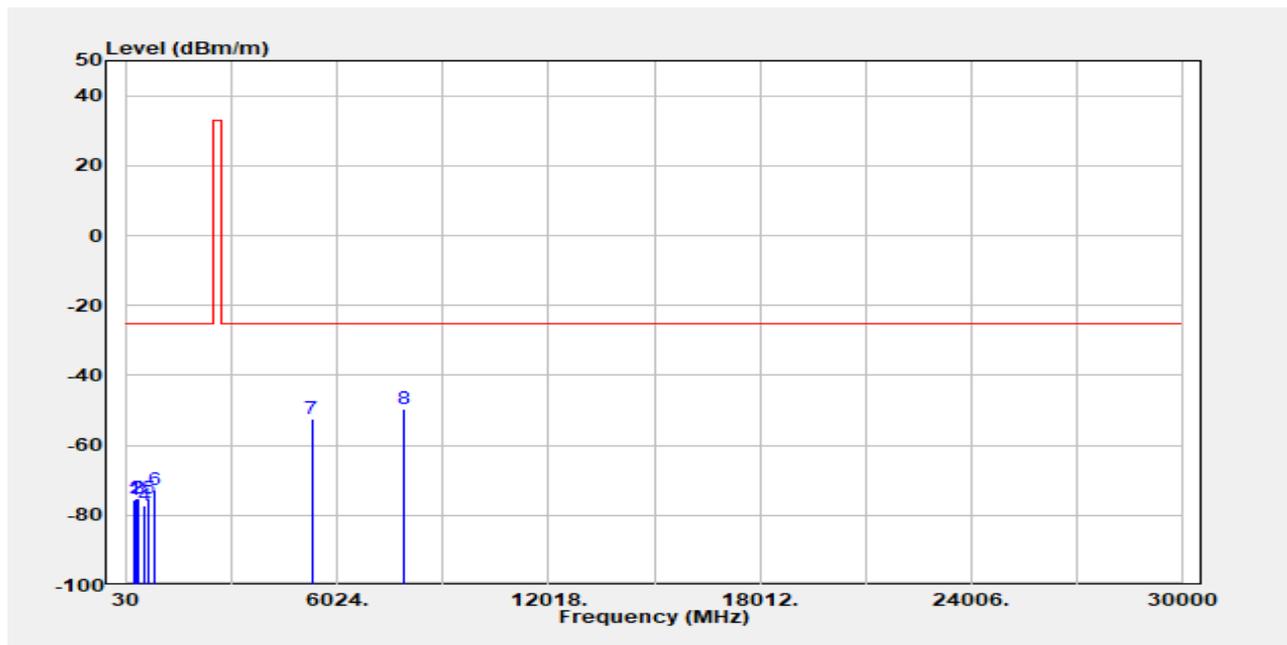
| Freq.<br>MHz | EIRP/ERP<br>dBm | SG<br>Output Level<br>dBm | Antenna<br>Gain<br>dBi/dBd | Cable<br>Loss<br>dB | Limit<br>dBm | Margin<br>dB |
|--------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 104.690      | -81.45          | -78.02                    | -1.56                      | -1.87               | -25.00       | -56.45       |
| 185.200      | -77.56          | -77.12                    | 2.05                       | -2.49               | -25.00       | -52.56       |
| 215.270      | -76.10          | -77.96                    | 4.54                       | -2.68               | -25.00       | -51.10       |
| 519.850      | -71.72          | -71.56                    | 4.00                       | -4.16               | -25.00       | -46.72       |
| 567.380      | -72.85          | -72.72                    | 4.22                       | -4.35               | -25.00       | -47.85       |
| 690.570      | -70.63          | -69.70                    | 3.86                       | -4.79               | -25.00       | -45.63       |
| 5280.000     | -54.47          | -53.74                    | 12.96                      | -13.69              | -25.00       | -29.47       |
| 7920.000     | -48.62          | -43.01                    | 11.28                      | -16.89              | -25.00       | -23.62       |

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Report Number :TERF2407002104ER  
 Operation Mode :NR\_n41(2TX)  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :2640 MHz

Test Site :SAC 3  
 Test Date :2024-11-13  
 Temp./Humi. :25.8°C/50%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



| Freq.<br>MHz | EIRP/ERP<br>dBm | SG<br>Output Level<br>dBm | Antenna<br>Gain<br>dBi/dBd | Cable<br>Loss<br>dB | Limit<br>dBm | Margin<br>dB |
|--------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 240.490      | -75.81          | -4.81                     | 3.68                       | -2.83               | -25.00       | -50.81       |
| 319.060      | -75.17          | -1.86                     | 3.86                       | -3.26               | -25.00       | -50.17       |
| 378.230      | -75.05          | 0.57                      | 4.01                       | -3.55               | -25.00       | -50.05       |
| 527.610      | -77.04          | 1.88                      | 3.97                       | -4.19               | -25.00       | -52.04       |
| 668.260      | -75.10          | 4.64                      | 3.94                       | -4.71               | -25.00       | -50.10       |
| 835.100      | -72.64          | 8.26                      | 3.51                       | -5.27               | -25.00       | -47.64       |
| 5280.000     | -52.64          | -51.91                    | 12.96                      | -13.69              | -25.00       | -27.64       |
| 7920.000     | -49.55          | -43.94                    | 11.28                      | -16.89              | -25.00       | -24.55       |

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## 6 FREQUENCY STABILITY MEASUREMENT

**Note:** The battery is rated 7.8V dc.

| 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)     | Delta (Hz) | Limit = +/- 2.5 ppm (Hz) |
| 8.97                    | 20         | 2593.019995     | -5         | 6483                     |
| 7.8                     | 20         | 2593.020019     | 19         | 6483                     |
| 6.63                    | 20         | 2593.020008     | 8          | 6483                     |
| 5.1<br>(End Point)      | 20         | 2593.020007     | 7          | 6483                     |
| Freq. ERROR vs. Temp.   |            |                 |            |                          |
| Power Supply Vdc        | Temp. (°C) | Freq. (MHz)     | Delta (Hz) | Limit = +/- 2.5 ppm (Hz) |
| 7.8                     | -30        | 2593.019998     | -2         | 6483                     |
| 7.8                     | -20        | 2593.019983     | -17        | 6483                     |
| 7.8                     | -10        | 2593.020000     | 0          | 6483                     |
| 7.8                     | 0          | 2593.020007     | 7          | 6483                     |
| 7.8                     | 10         | 2593.019988     | -12        | 6483                     |
| 7.8                     | 20         | 2593.020005     | 5          | 6483                     |
| 7.8                     | 30         | 2593.020001     | 1          | 6483                     |
| 7.8                     | 40         | 2593.019986     | -14        | 6483                     |
| 7.8                     | 50         | 2593.019981     | -19        | 6483                     |

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## 7 PEAK TO AVERAGE RATION

| 5G NR BAND n41           |        |         |           |       |                          |        |         |           |       |
|--------------------------|--------|---------|-----------|-------|--------------------------|--------|---------|-----------|-------|
| DFT-S-OFDM_SCS 30 kHz    |        |         |           |       |                          |        |         |           |       |
| Channel bandwidth: 10MHz |        |         |           |       | Channel bandwidth: 15MHz |        |         |           |       |
| Freq. (MHz)              | CH     | Antenna | PAPR (dB) |       | Freq. (MHz)              | CH     | Antenna | PAPR (dB) |       |
|                          |        |         | 256QAM    | Limit |                          |        |         | 256QAM    | Limit |
| 2501.01                  | 500202 | TX1     | 10.54     | 13    | 2503.50                  | 500700 | TX1     | 11.05     | 13    |
|                          |        |         | 11.98     |       |                          |        |         | 11.89     |       |
| 2593.02                  | 518604 | TX1     | 10.32     | 13    | 2593.02                  | 518604 | TX1     | 12.29     | 13    |
|                          |        |         | 9.89      |       |                          |        |         | 11.58     |       |
| 2685.00                  | 537000 | TX1     | 11.41     | 13    | 2682.48                  | 536496 | TX1     | 11.67     | 13    |
|                          |        |         | 11.10     |       |                          |        |         | 11.47     |       |

| 5G NR BAND n41           |        |         |           |       |                          |        |         |           |       |
|--------------------------|--------|---------|-----------|-------|--------------------------|--------|---------|-----------|-------|
| DFT-S-OFDM_SCS 30 kHz    |        |         |           |       |                          |        |         |           |       |
| Channel bandwidth: 20MHz |        |         |           |       | Channel bandwidth: 25MHz |        |         |           |       |
| Freq. (MHz)              | CH     | Antenna | PAPR (dB) |       | Freq. (MHz)              | CH     | Antenna | PAPR (dB) |       |
|                          |        |         | 256QAM    | Limit |                          |        |         | 256QAM    | Limit |
| 2506.02                  | 501204 | TX1     | 12.84     | 13    | 2508.51                  | 501702 | TX1     | 11.50     | 13    |
|                          |        |         | 12.07     |       |                          |        |         | 11.86     |       |
| 2593.02                  | 518604 | TX1     | 11.81     | 13    | 2593.02                  | 518604 | TX1     | 11.37     | 13    |
|                          |        |         | 11.95     |       |                          |        |         | 12.48     |       |
| 2679.99                  | 535998 | TX1     | 11.46     | 13    | 2667.48                  | 533496 | TX1     | 11.83     | 13    |
|                          |        |         | 11.50     |       |                          |        |         | 11.46     |       |

| 5G NR BAND n41           |        |         |           |       |                          |        |         |           |       |
|--------------------------|--------|---------|-----------|-------|--------------------------|--------|---------|-----------|-------|
| DFT-S-OFDM_SCS 30 kHz    |        |         |           |       |                          |        |         |           |       |
| Channel bandwidth: 30MHz |        |         |           |       | Channel bandwidth: 35MHz |        |         |           |       |
| Freq. (MHz)              | CH     | Antenna | PAPR (dB) |       | Freq. (MHz)              | CH     | Antenna | PAPR (dB) |       |
|                          |        |         | 256QAM    | Limit |                          |        |         | 256QAM    | Limit |
| 2511.00                  | 502200 | TX1     | 11.88     | 13    | 2513.52                  | 502704 | TX1     | 11.91     | 13    |
|                          |        |         | 12.56     |       |                          |        |         | 12.53     |       |
| 2593.02                  | 518604 | TX1     | 12.16     | 13    | 2593.02                  | 518604 | TX1     | 11.30     | 13    |
|                          |        |         | 12.82     |       |                          |        |         | 12.62     |       |
| 2674.98                  | 534996 | TX1     | 11.76     | 13    | 2667.48                  | 533496 | TX1     | 12.23     | 13    |
|                          |        |         | 12.41     |       |                          |        |         | 11.77     |       |

| 5G NR BAND n41           |        |         |           |       |                          |        |         |           |       |
|--------------------------|--------|---------|-----------|-------|--------------------------|--------|---------|-----------|-------|
| DFT-S-OFDM_SCS 30 kHz    |        |         |           |       |                          |        |         |           |       |
| Channel bandwidth: 40MHz |        |         |           |       | Channel bandwidth: 45MHz |        |         |           |       |
| Freq. (MHz)              | CH     | Antenna | PAPR (dB) |       | Freq. (MHz)              | CH     | Antenna | PAPR (dB) |       |
|                          |        |         | 256QAM    | Limit |                          |        |         | 256QAM    | Limit |
| 2516.01                  | 503202 | TX1     | 12.13     | 13    | 2518.50                  | 503700 | TX1     | 12.11     | 13    |
|                          |        |         | 12.52     |       |                          |        |         | 12.90     |       |
| 2593.02                  | 518604 | TX1     | 12.89     | 13    | 2593.02                  | 518604 | TX1     | 11.92     | 13    |
|                          |        |         | 12.30     |       |                          |        |         | 11.93     |       |
| 2670.00                  | 534000 | TX1     | 11.75     | 13    | 2667.48                  | 533496 | TX1     | 11.14     | 13    |
|                          |        |         | 11.94     |       |                          |        |         | 11.37     |       |

| 5G NR BAND n41           |        |         |           |       |                          |        |         |           |       |
|--------------------------|--------|---------|-----------|-------|--------------------------|--------|---------|-----------|-------|
| DFT-S-OFDM_SCS 30 kHz    |        |         |           |       |                          |        |         |           |       |
| Channel bandwidth: 50MHz |        |         |           |       | Channel bandwidth: 60MHz |        |         |           |       |
| Freq. (MHz)              | CH     | Antenna | PAPR (dB) |       | Freq. (MHz)              | CH     | Antenna | PAPR (dB) |       |
|                          |        |         | 256QAM    | Limit |                          |        |         | 256QAM    | Limit |
| 2521.02                  | 504204 | TX1     | 11.73     | 13    | 2526.00                  | 505200 | TX1     | 11.91     | 13    |
|                          |        |         | 12.26     |       |                          |        |         | 12.75     |       |
| 2593.02                  | 518604 | TX1     | 11.37     | 13    | 2593.02                  | 518604 | TX1     | 12.03     | 13    |
|                          |        |         | 11.61     |       |                          |        |         | 12.19     |       |
| 2664.99                  | 532998 | TX1     | 12.63     | 13    | 2659.98                  | 531996 | TX1     | 11.60     | 13    |
|                          |        |         | 12.19     |       |                          |        |         | 11.88     |       |

| 5G NR BAND n41           |        |         |           |       |                          |        |         |           |       |
|--------------------------|--------|---------|-----------|-------|--------------------------|--------|---------|-----------|-------|
| DFT-S-OFDM_SCS 30 kHz    |        |         |           |       |                          |        |         |           |       |
| Channel bandwidth: 70MHz |        |         |           |       | Channel bandwidth: 80MHz |        |         |           |       |
| Freq. (MHz)              | CH     | Antenna | PAPR (dB) |       | Freq. (MHz)              | CH     | Antenna | PAPR (dB) |       |
|                          |        |         | 256QAM    | Limit |                          |        |         | 256QAM    | Limit |
| 2531.01                  | 506202 | TX1     | 11.71     | 13    | 2536.02                  | 507204 | TX1     | 11.66     | 13    |
|                          |        |         | 11.63     |       |                          |        |         | 11.83     |       |
| 2593.02                  | 518604 | TX1     | 12.14     | 13    | 2593.02                  | 518604 | TX1     | 12.55     | 13    |
|                          |        |         | 12.34     |       |                          |        |         | 11.86     |       |
| 2655.00                  | 531000 | TX1     | 12.52     | 13    | 2649.99                  | 529998 | TX1     | 11.61     | 13    |
|                          |        |         | 11.66     |       |                          |        |         | 12.23     |       |

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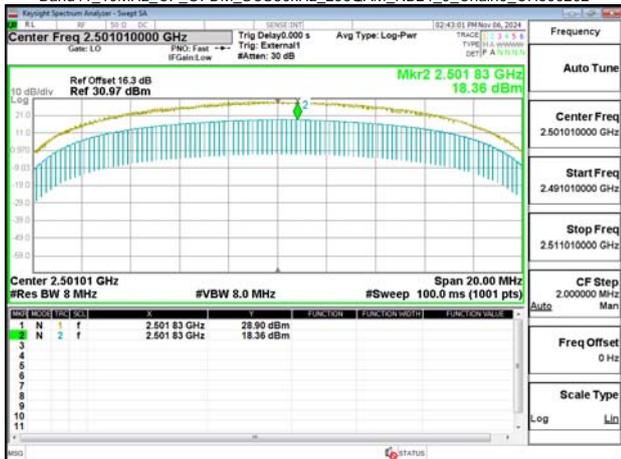
| 5G NR BAND n41           |        |         |           |       |                           |        |         |           |       |
|--------------------------|--------|---------|-----------|-------|---------------------------|--------|---------|-----------|-------|
| DFT-S-OFDM_SCS 30 kHz    |        |         |           |       |                           |        |         |           |       |
| Channel bandwidth: 90MHz |        |         |           |       | Channel bandwidth: 100MHz |        |         |           |       |
| Freq. (MHz)              | CH     | Antenna | PAPR (dB) |       | Freq. (MHz)               | CH     | Antenna | PAPR (dB) |       |
|                          |        |         | 256QAM    | Limit |                           |        |         | 256QAM    | Limit |
| 2541.00                  | 508200 | TX1     | 12.24     | 13    | 2546.01                   | 509202 | TX1     | 12.80     | 13    |
|                          |        | TX2     | 12.82     |       |                           |        | TX2     | 11.32     |       |
| 2593.02                  | 518604 | TX1     | 11.69     | 13    | 2593.02                   | 518604 | TX1     | 11.52     | 13    |
|                          |        | TX2     | 12.25     |       |                           |        | TX2     | 12.75     |       |
| 2644.98                  | 528996 | TX1     | 12.57     | 13    | 2640.00                   | 528000 | TX1     | 12.23     | 13    |
|                          |        | TX2     | 12.75     |       |                           |        | TX2     | 12.15     |       |

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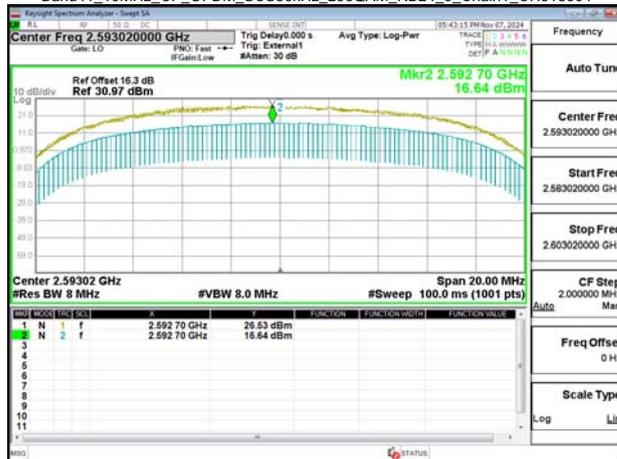
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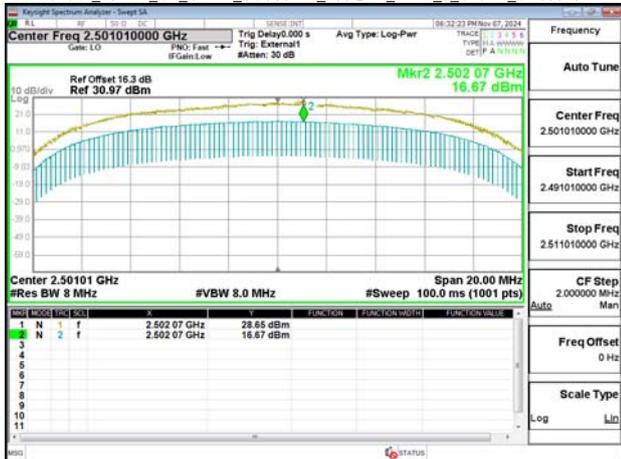
Band41\_10MHz\_CP\_OFDM\_SCS30kHz\_256QAM\_RB24\_0\_Chain0\_CH500202



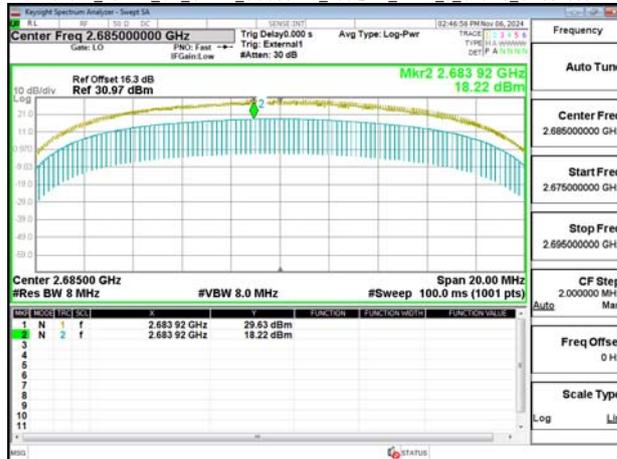
Band41\_10MHz\_CP\_OFDM\_SCS30kHz\_256QAM\_RB24\_0\_Chain1\_CH518604



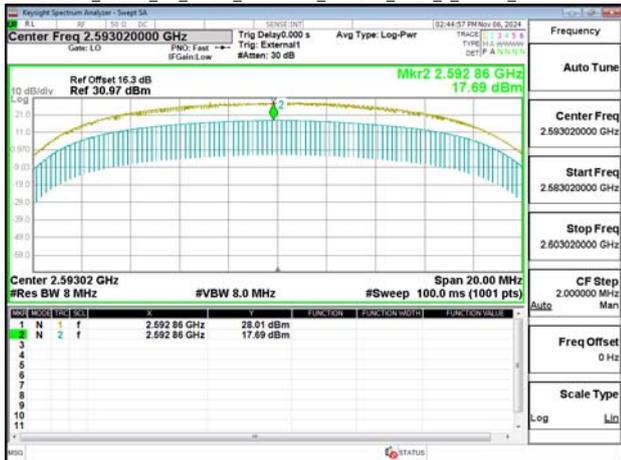
Band41\_10MHz\_CP\_OFDM\_SCS30kHz\_256QAM\_RB24\_0\_Chain1\_CH500202



Band41\_10MHz\_CP\_OFDM\_SCS30kHz\_256QAM\_RB24\_0\_Chain0\_CH537000



Band41\_10MHz\_CP\_OFDM\_SCS30kHz\_256QAM\_RB24\_0\_Chain0\_CH518604



Band41\_10MHz\_CP\_OFDM\_SCS30kHz\_256QAM\_RB24\_0\_Chain1\_CH537000



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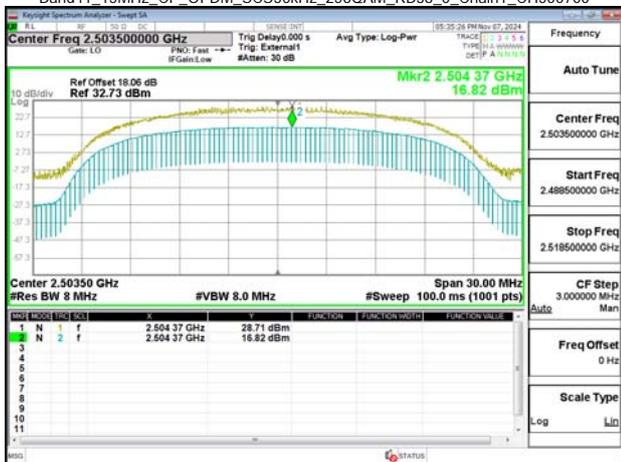
Band41\_15MHz\_CP\_OFDM\_SCS30kHz\_256QAM\_RB38\_0\_Chain0\_CH500700



Band41\_15MHz\_CP\_OFDM\_SCS30kHz\_256QAM\_RB38\_0\_Chain1\_CH518604



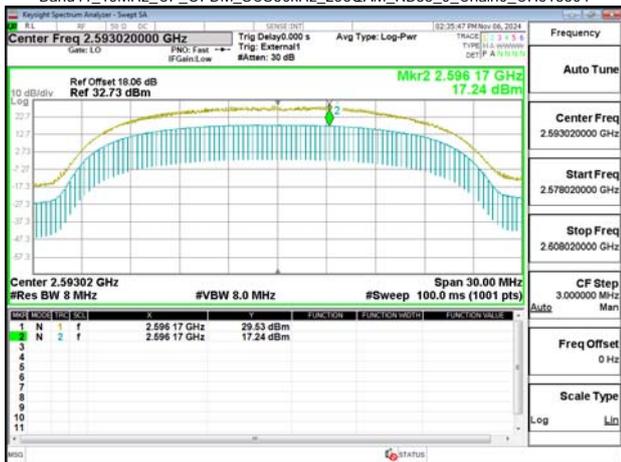
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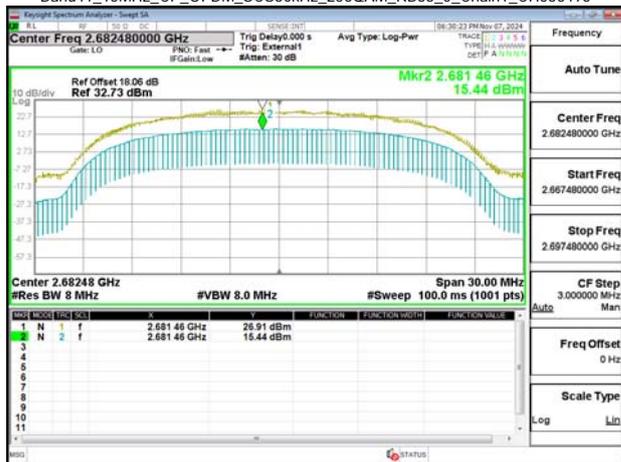
Band41\_15MHz\_CP\_OFDM\_SCS30kHz\_256QAM\_RB38\_0\_Chain0\_CH536496



Band41\_15MHz\_CP\_OFDM\_SCS30kHz\_256QAM\_RB38\_0\_Chain0\_CH518604



Band41\_15MHz\_CP\_OFDM\_SCS30kHz\_256QAM\_RB38\_0\_Chain1\_CH536496



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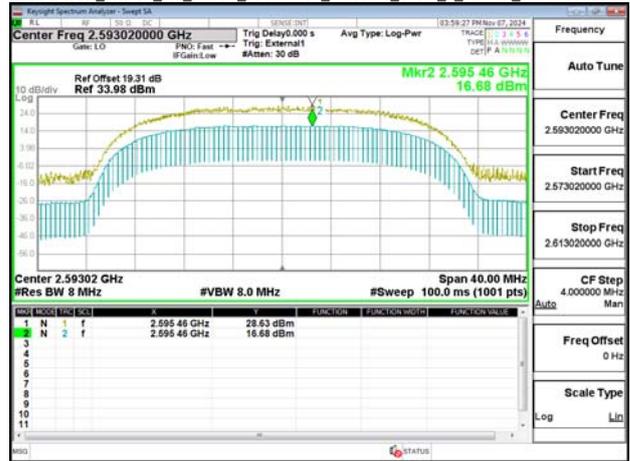
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Band41\_20MHz\_CP\_OFDM\_SCS30kHz\_256QAM\_RB51\_0\_Chain0\_CH501204



Band41\_20MHz\_CP\_OFDM\_SCS30kHz\_256QAM\_RB51\_0\_Chain1\_CH518604



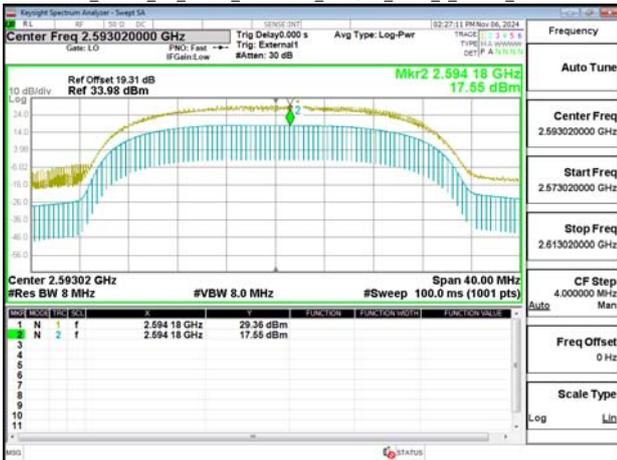
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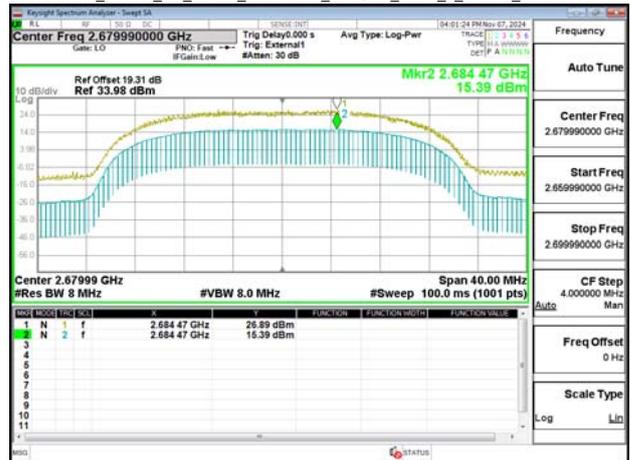
Band41\_20MHz\_CP\_OFDM\_SCS30kHz\_256QAM\_RB51\_0\_Chain0\_CH535998



Band41\_20MHz\_CP\_OFDM\_SCS30kHz\_256QAM\_RB51\_0\_Chain0\_CH518604



Band41\_20MHz\_CP\_OFDM\_SCS30kHz\_256QAM\_RB51\_0\_Chain1\_CH535998

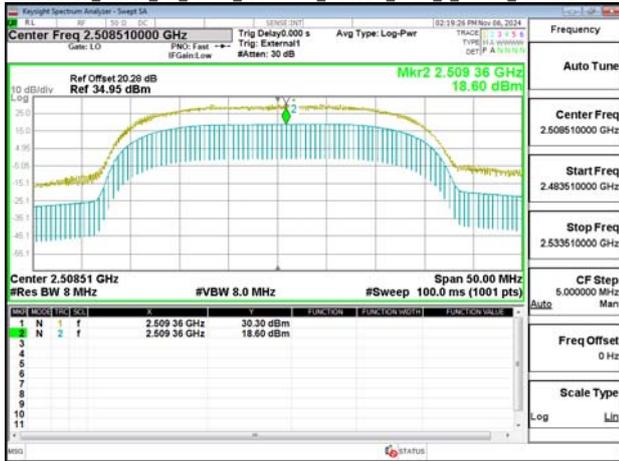


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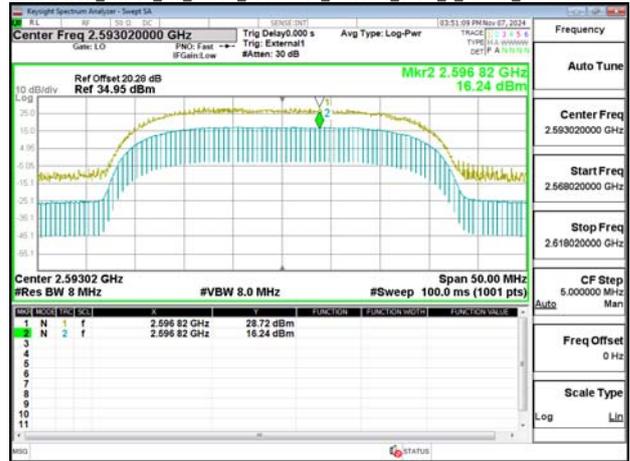
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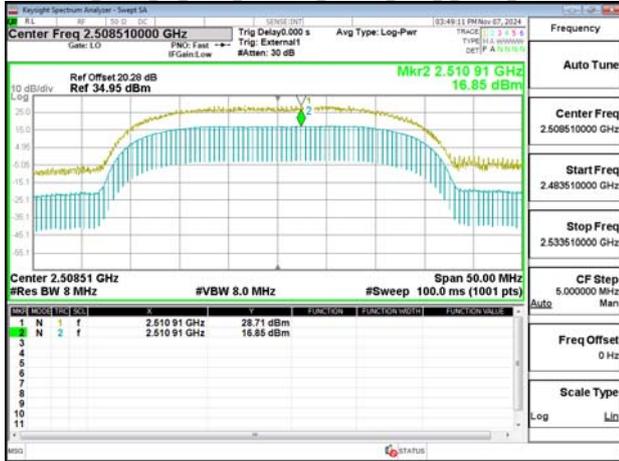
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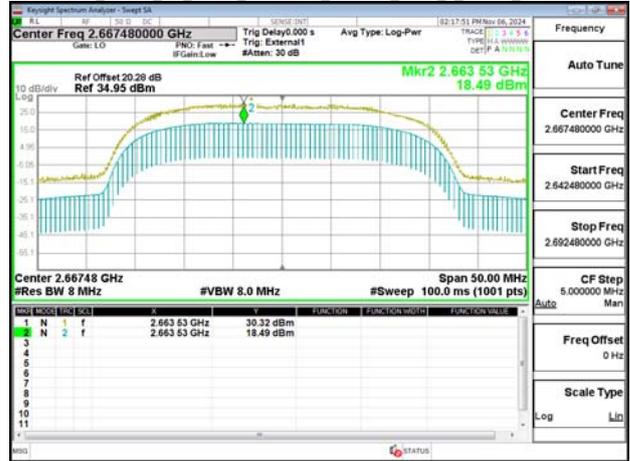
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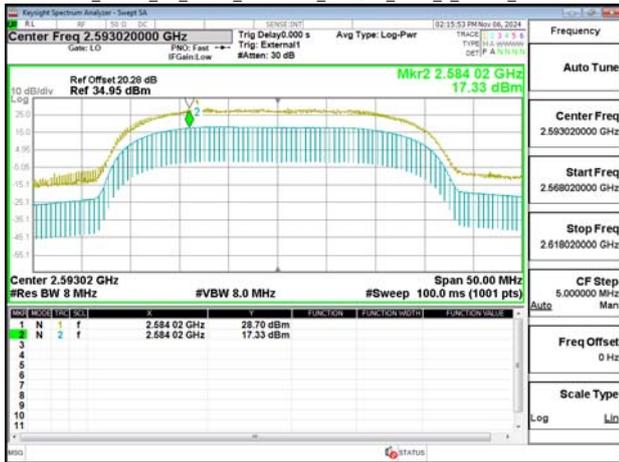
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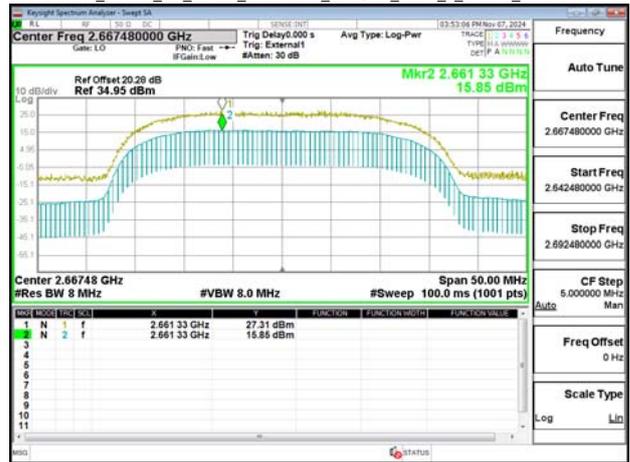
Band41\_25MHz\_CP\_OFDM\_SCS30kHz\_256QAM\_RB65\_0\_Chain0\_CH533496



Band41\_25MHz\_CP\_OFDM\_SCS30kHz\_256QAM\_RB65\_0\_Chain0\_CH518604



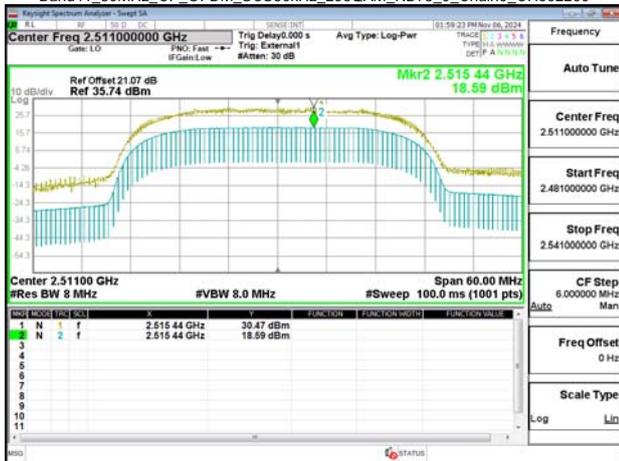
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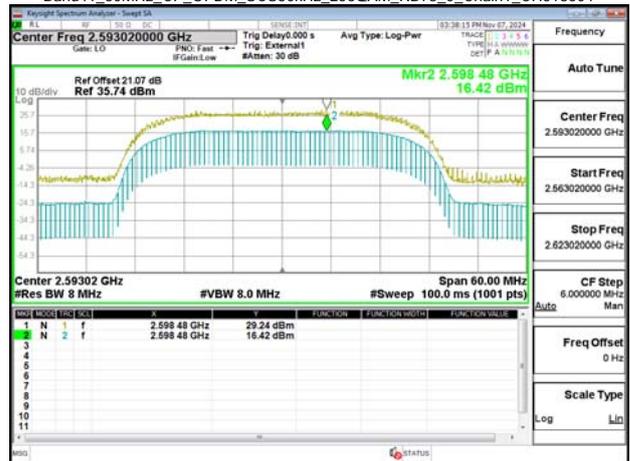
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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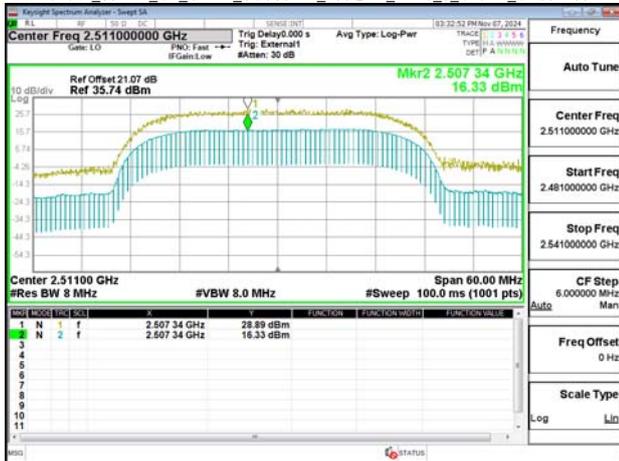
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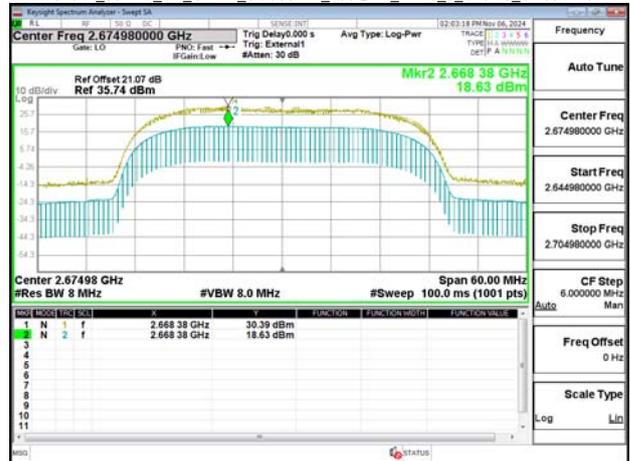
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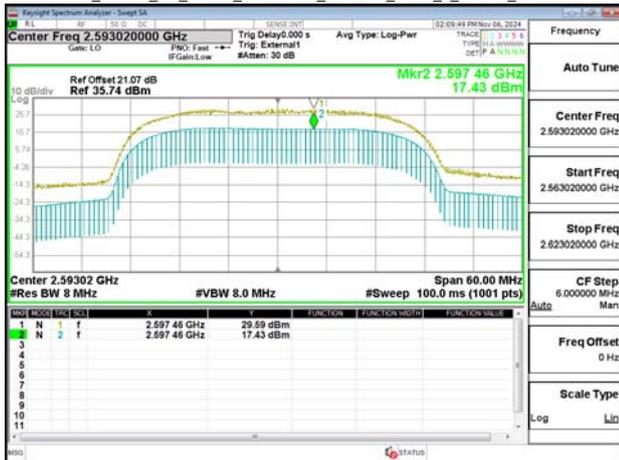
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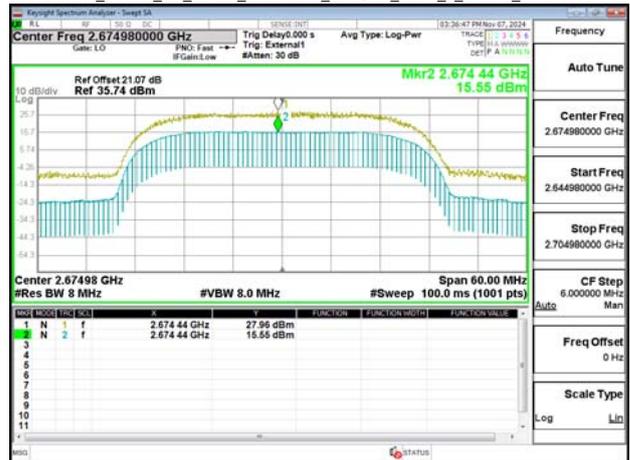
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Band41\_30MHz\_CP\_OFDM\_SCS30kHz\_256QAM\_RB78\_0\_Chain0\_CH518604



Band41\_30MHz\_CP\_OFDM\_SCS30kHz\_256QAM\_RB78\_0\_Chain1\_CH534996



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