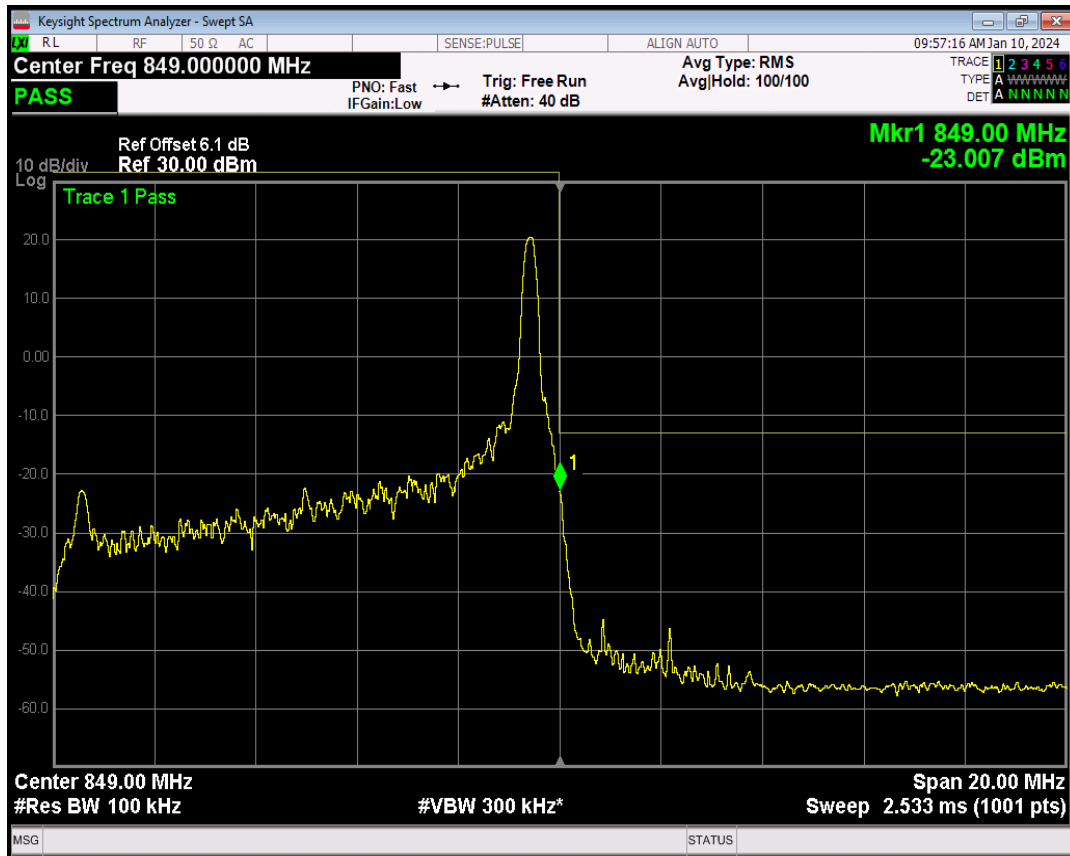


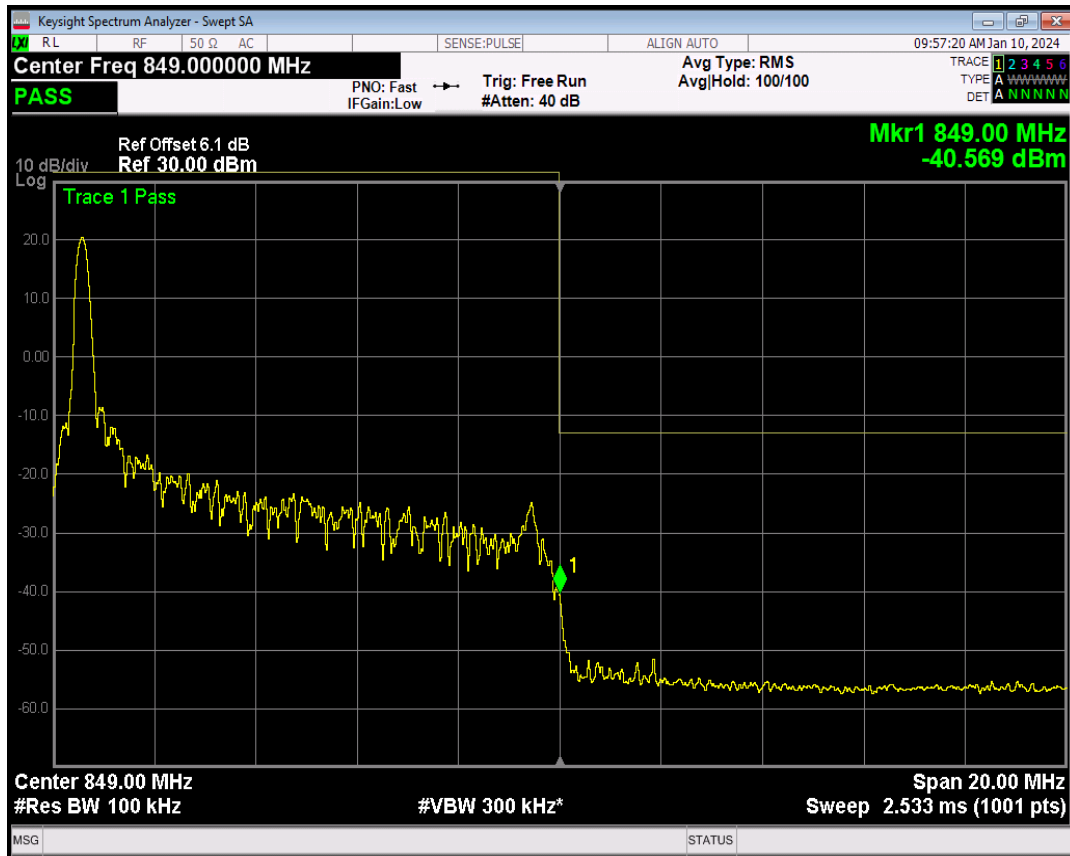
Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#Max



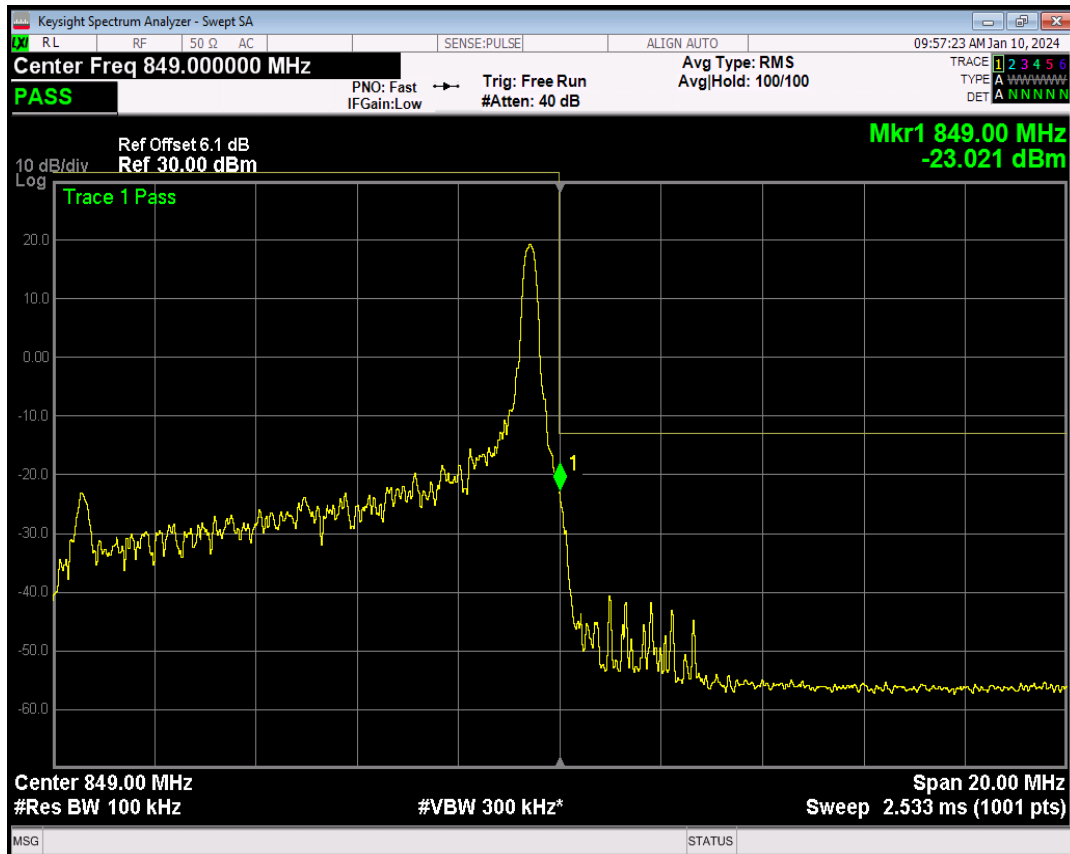
Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0



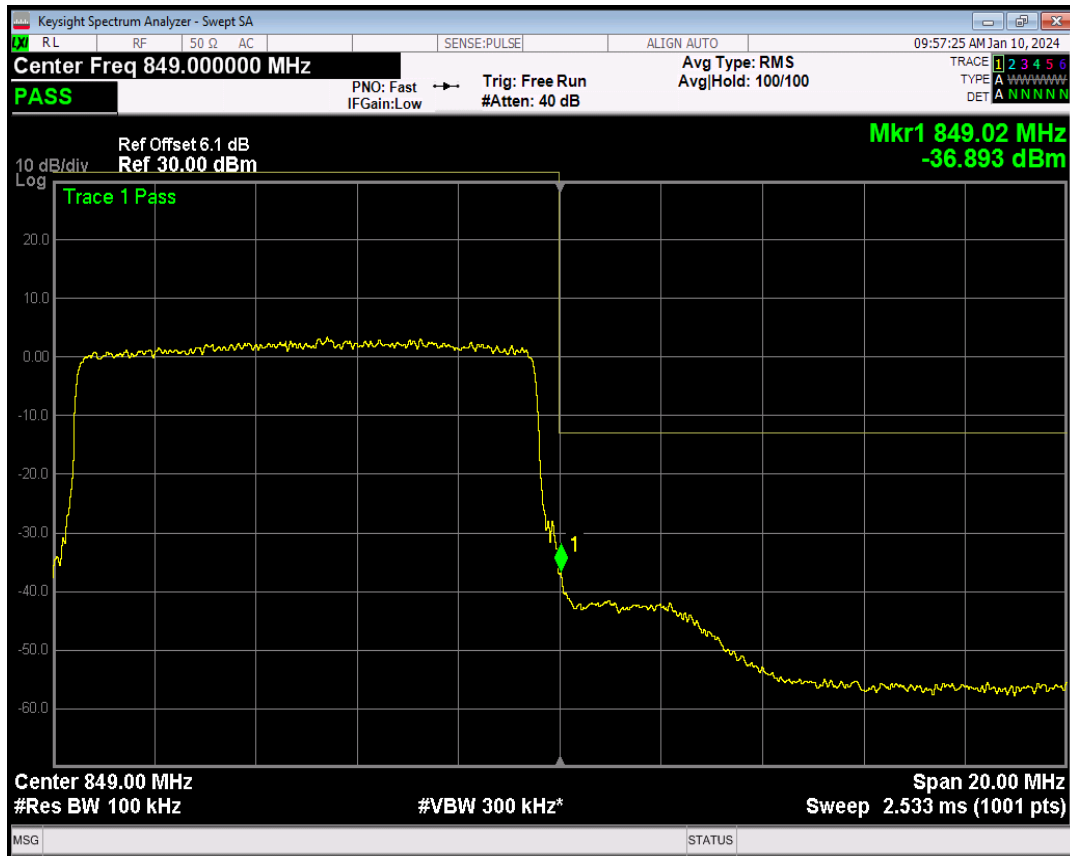
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0



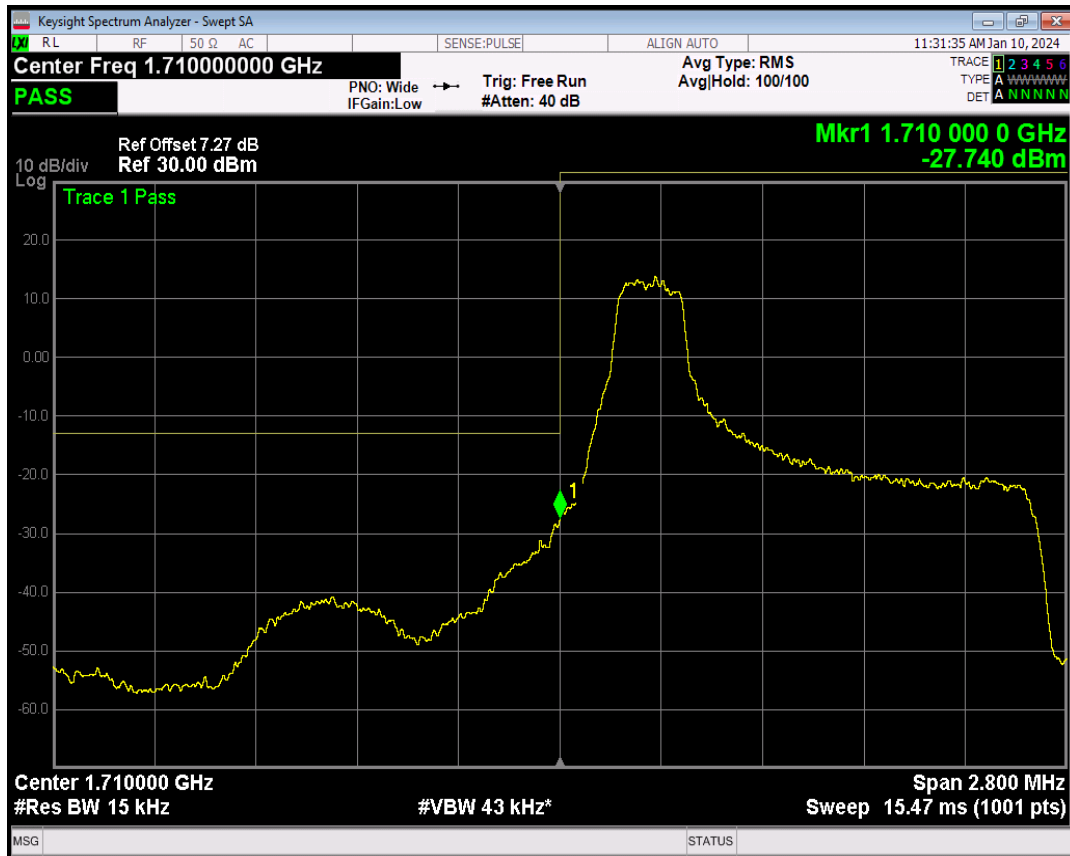
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#Max



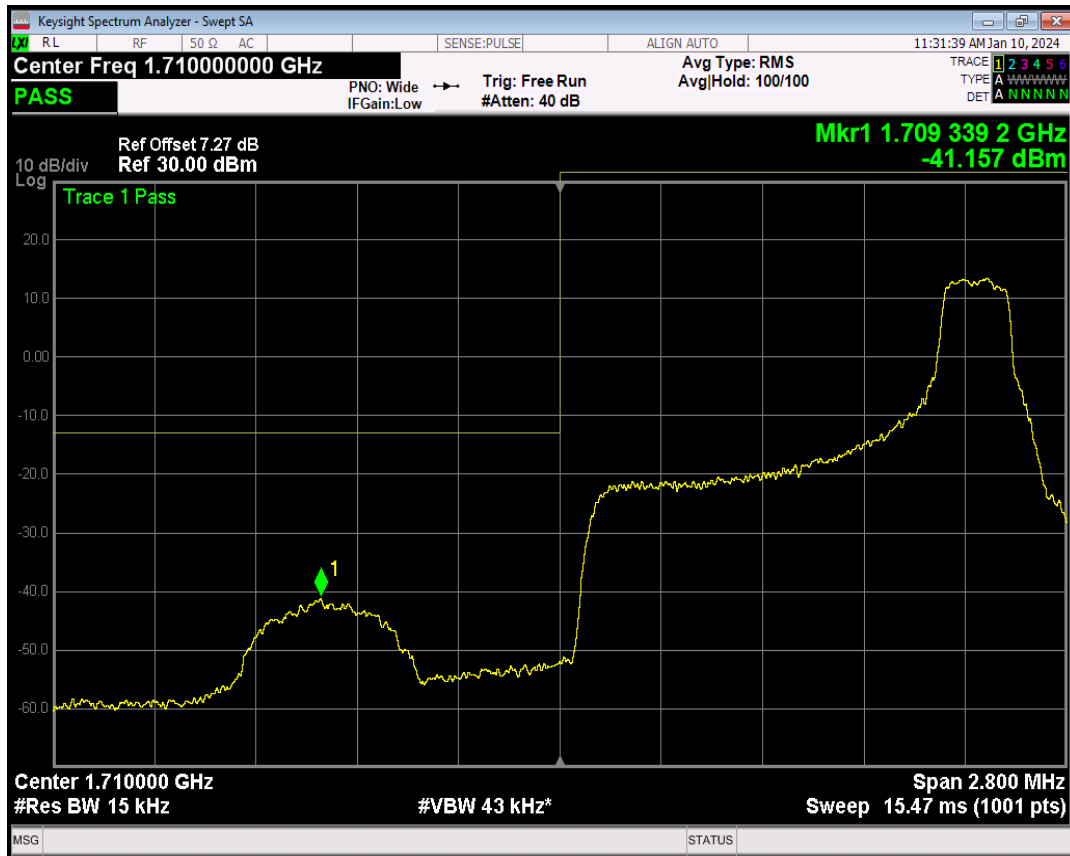
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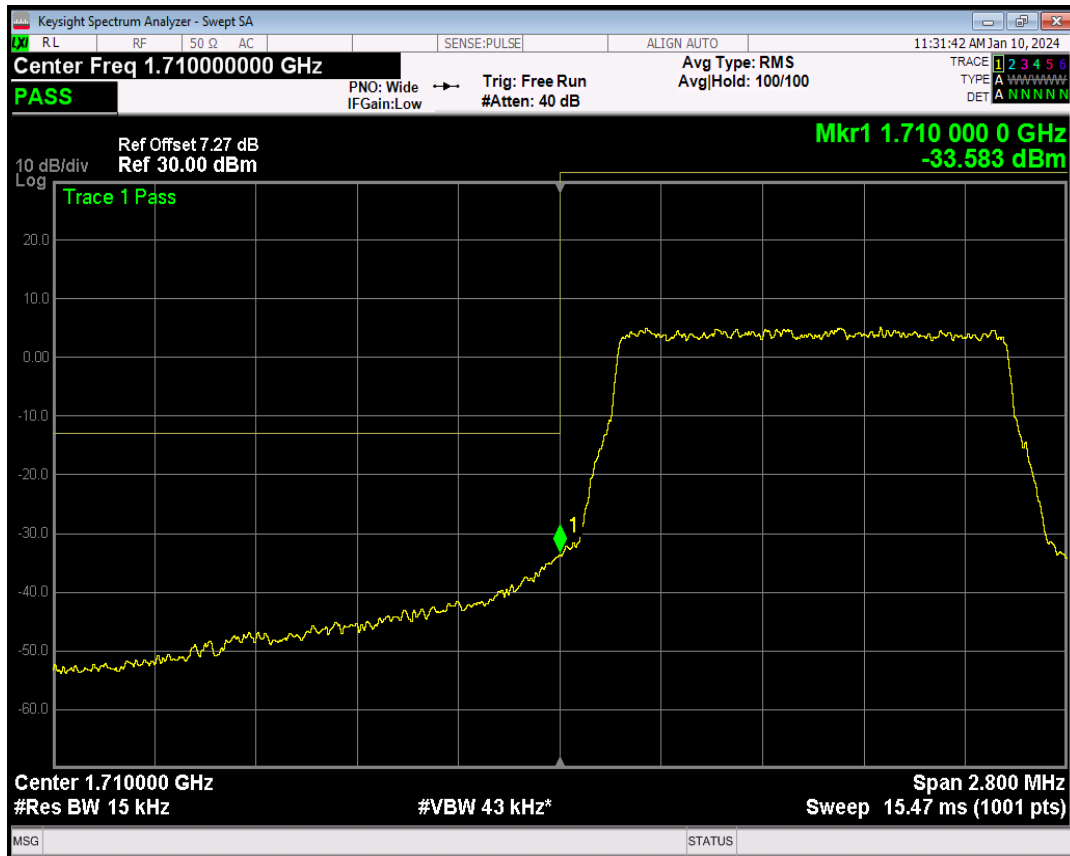
Band66 QPSK BW=1.4MHz Channel=131979 RB Size=1 Position=#0



Band66 QPSK BW=1.4MHz Channel=131979 RB Size=1 Position=#Max



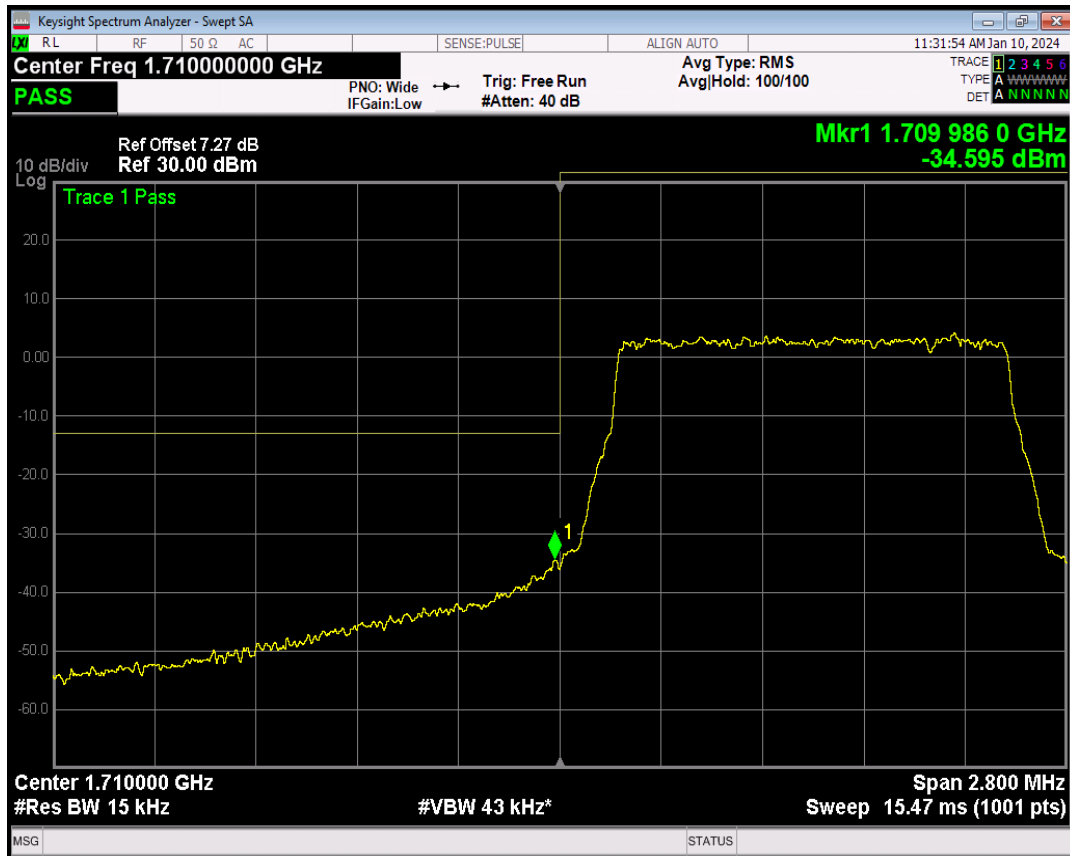
Band66 QPSK BW=1.4MHz Channel=131979 RB Size=6 Position=#0



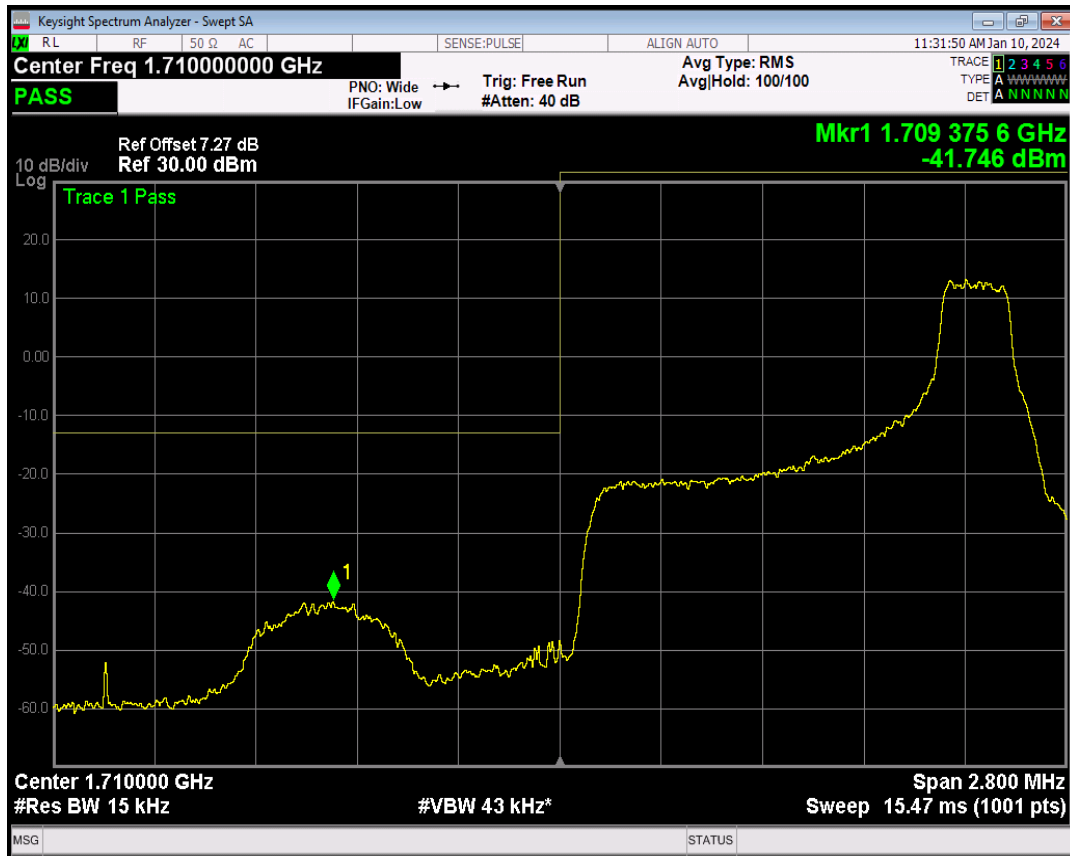
Band66 16QAM BW=1.4MHz Channel=131979 RB Size=1 Position=#0



Band66 16QAM BW=1.4MHz Channel=131979 RB Size=6 Position=#0



Band66 16QAM BW=1.4MHz Channel=131979 RB Size=1 Position=#Max



Band66 QPSK BW=1.4MHz Channel=132665 RB Size=1 Position=#0



Band66 QPSK BW=1.4MHz Channel=132665 RB Size=1 Position=#Max



Band66 QPSK BW=1.4MHz Channel=132665 RB Size=6 Position=#0



Band66 16QAM BW=1.4MHz Channel=132665 RB Size=1 Position=#0



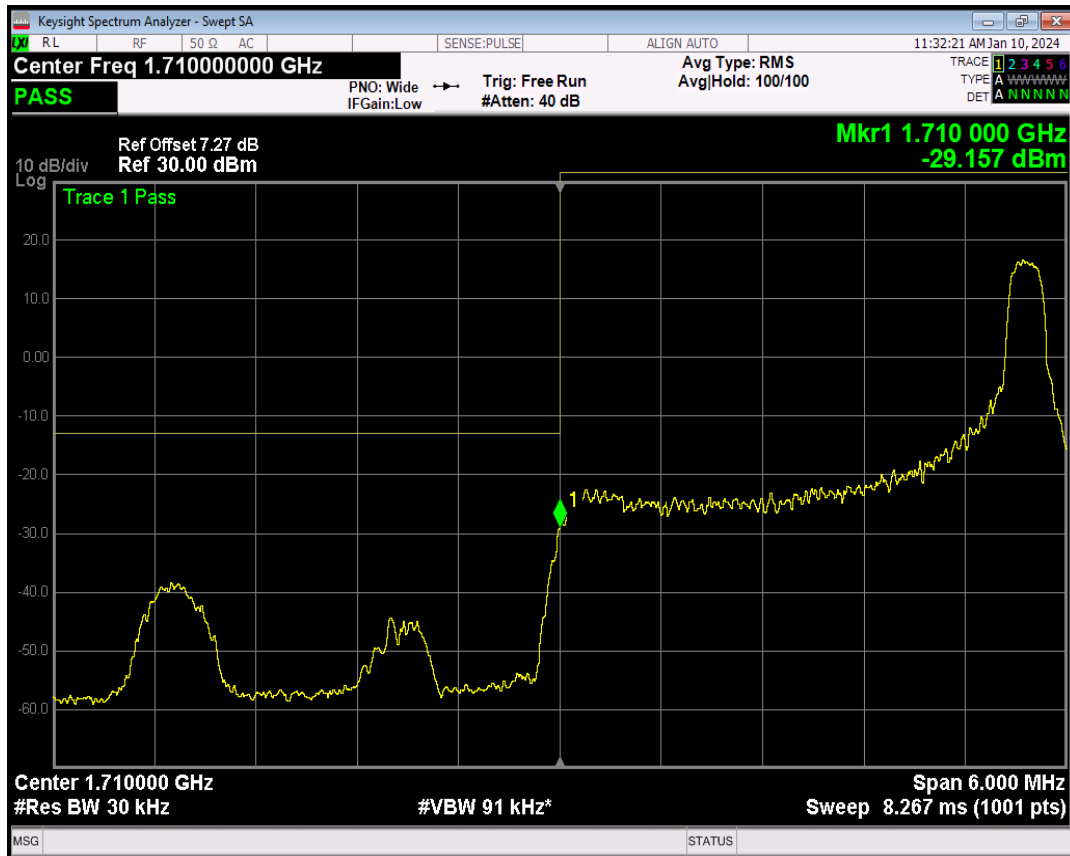
Band66 16QAM BW=1.4MHz Channel=132665 RB Size=1 Position=#Max



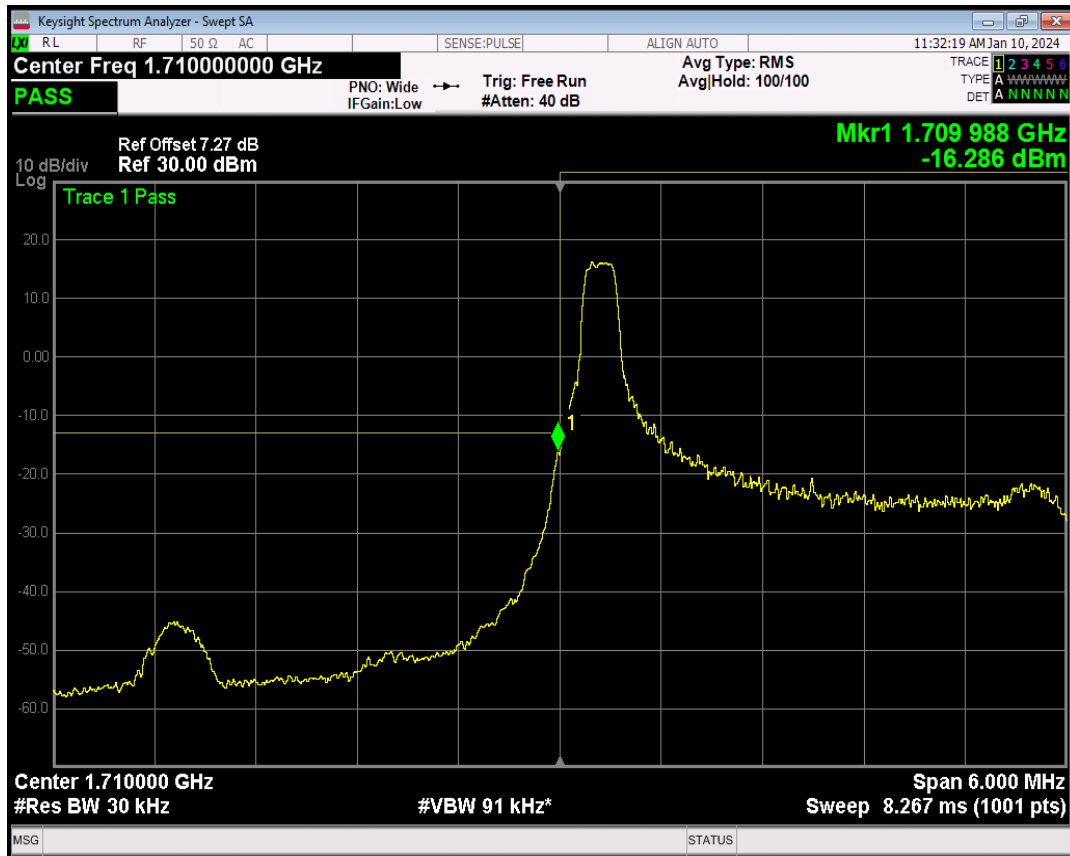
Band66 16QAM BW=1.4MHz Channel=132665 RB Size=6 Position=#0



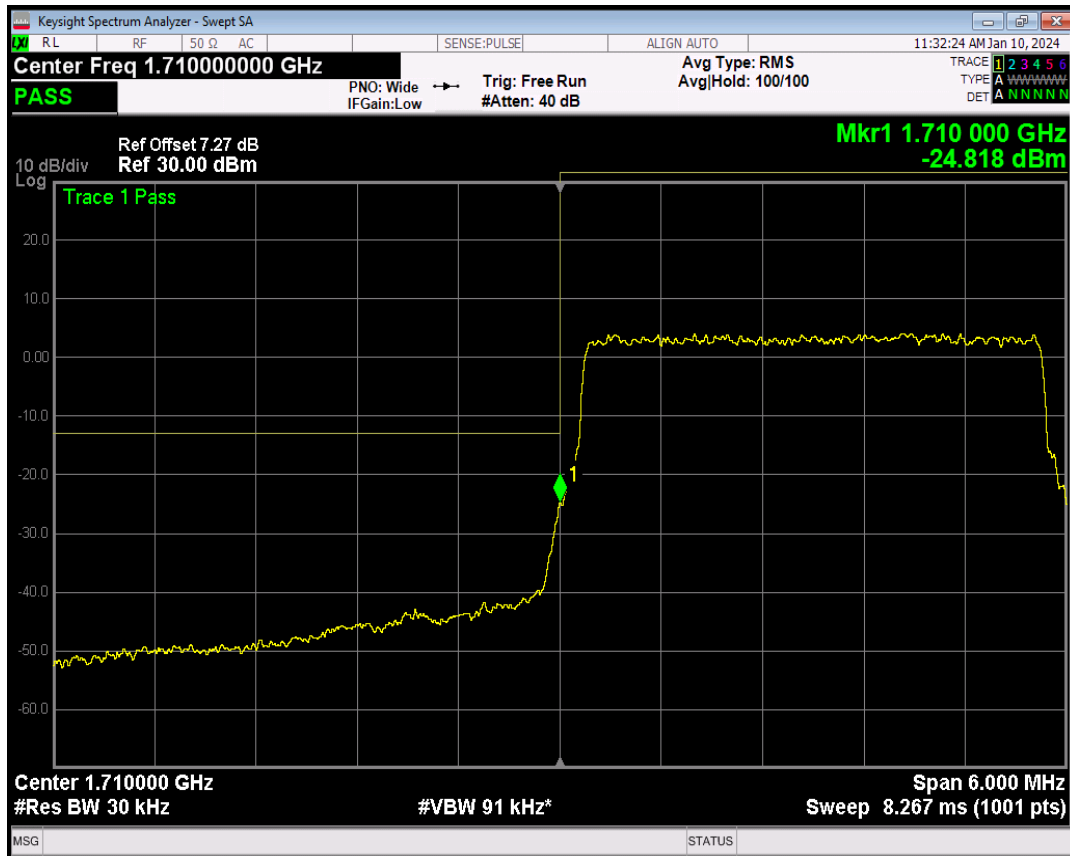
Band66 QPSK BW=3MHz Channel=131987 RB Size=1 Position=#Max



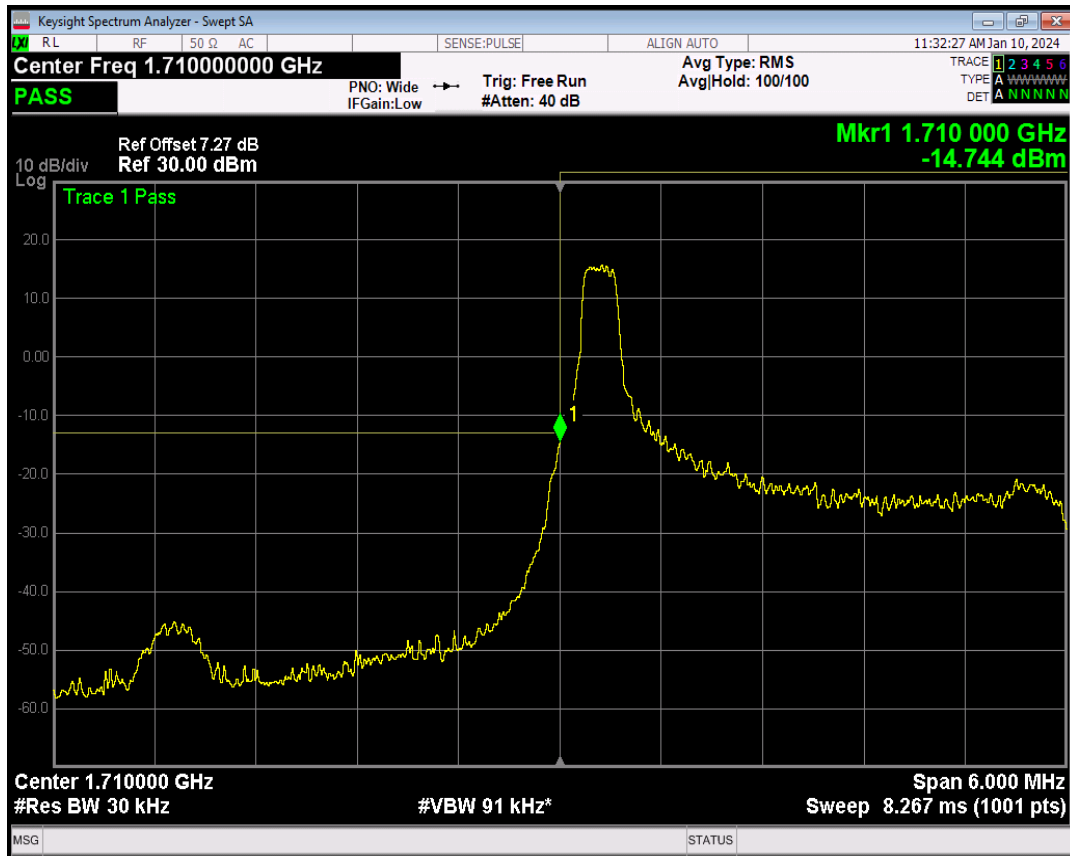
Band66 QPSK BW=3MHz Channel=131987 RB Size=1 Position=#0



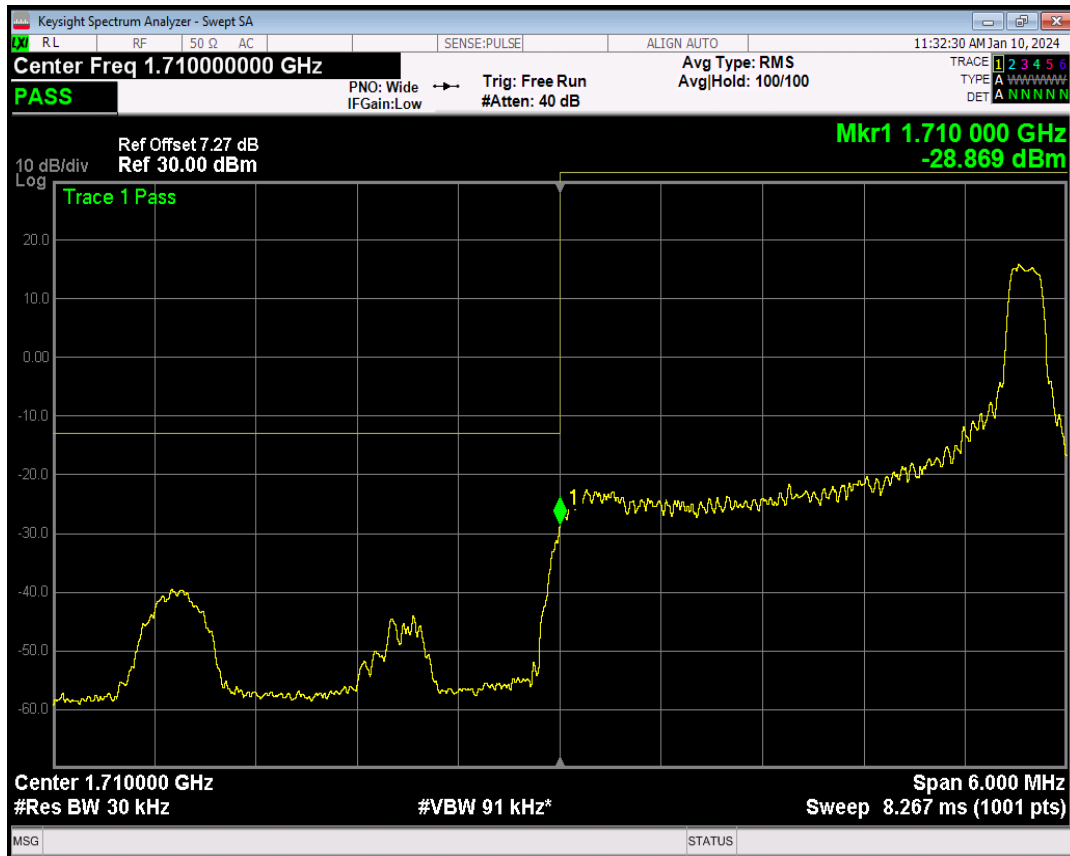
Band66 QPSK BW=3MHz Channel=131987 RB Size=15 Position=#0



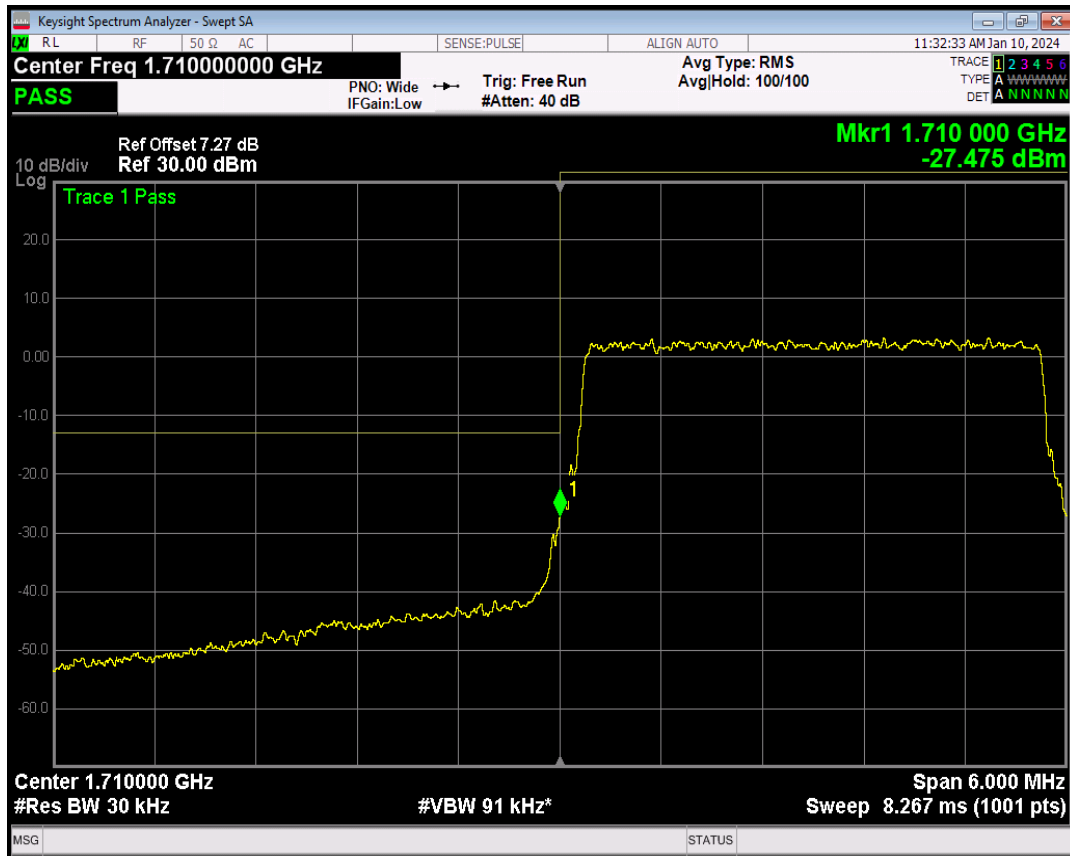
Band66 16QAM BW=3MHz Channel=131987 RB Size=1 Position=#0



Band66 16QAM BW=3MHz Channel=131987 RB Size=1 Position=#Max



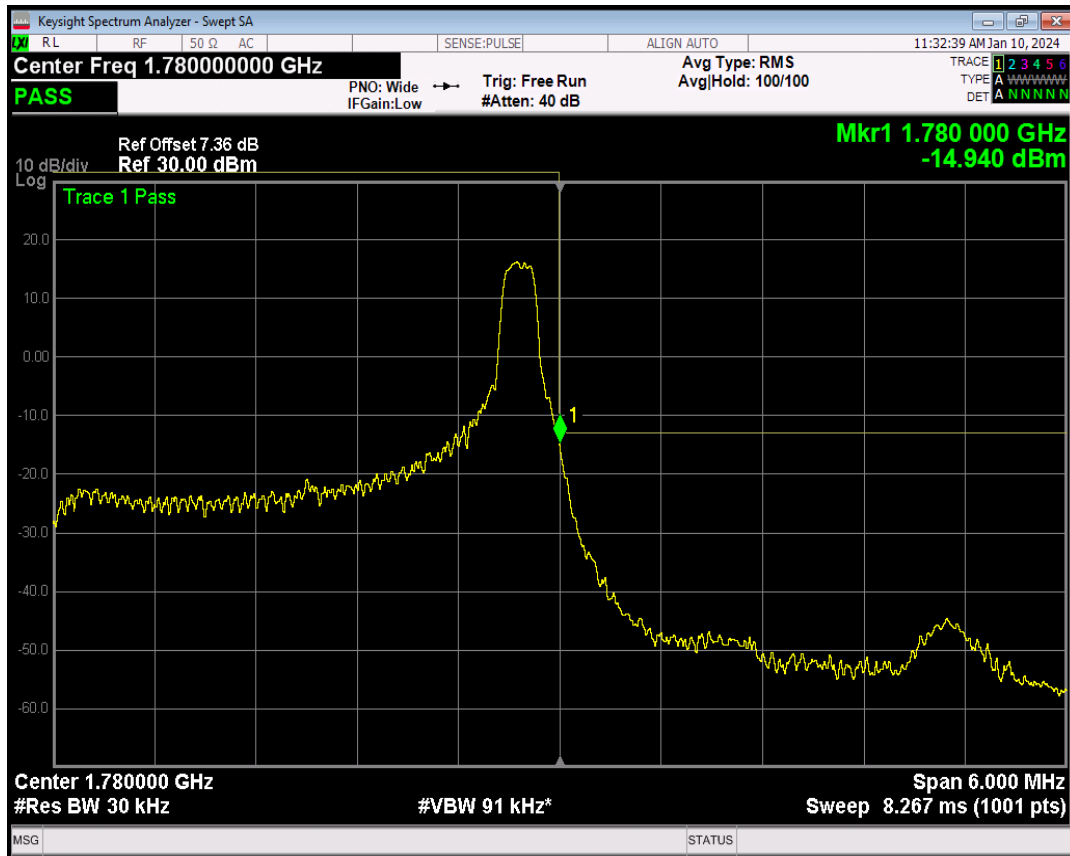
Band66 16QAM BW=3MHz Channel=131987 RB Size=15 Position=#0



Band66 QPSK BW=3MHz Channel=132657 RB Size=1 Position=#0



Band66 QPSK BW=3MHz Channel=132657 RB Size=1 Position=#Max



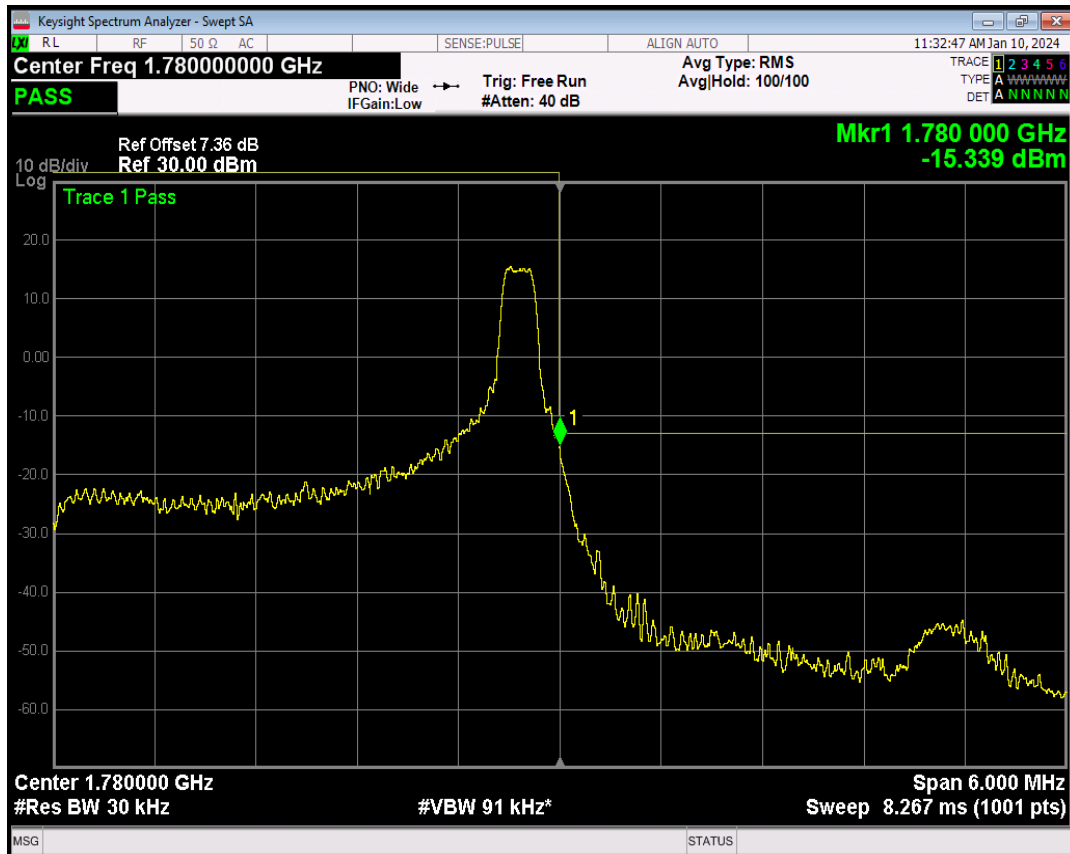
Band66 QPSK BW=3MHz Channel=132657 RB Size=15 Position=#0



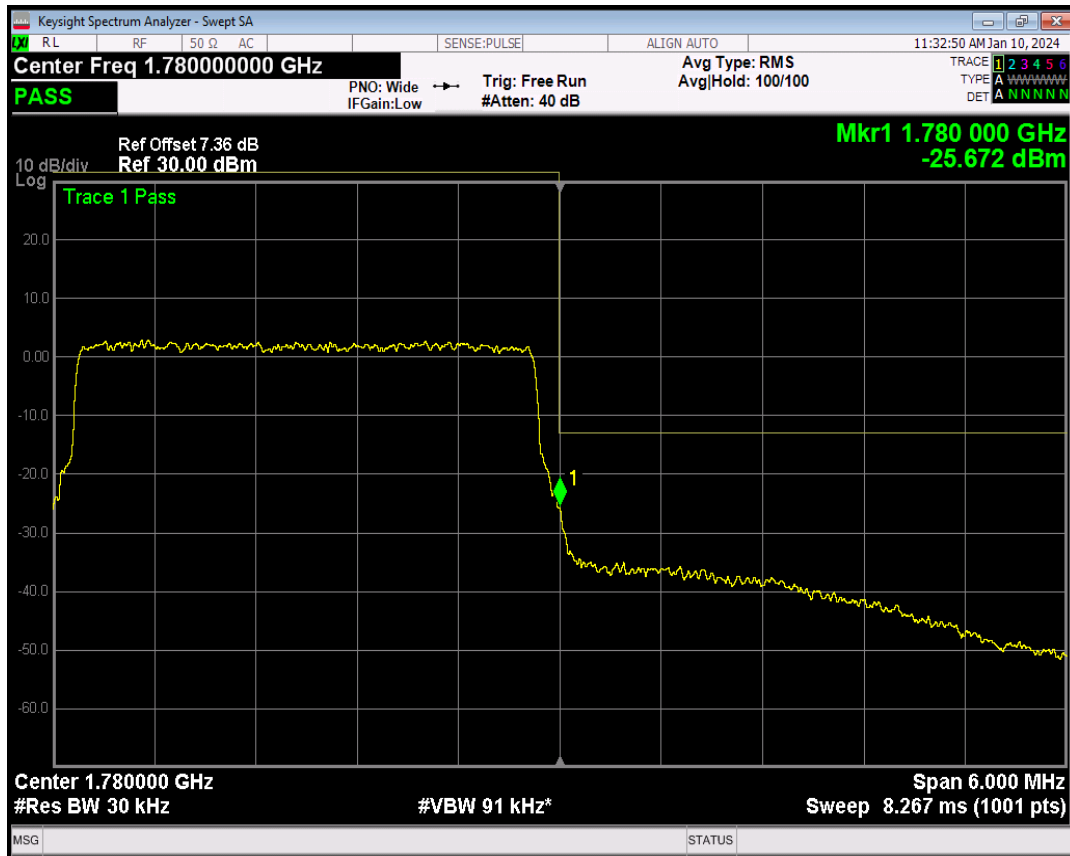
Band66 16QAM BW=3MHz Channel=132657 RB Size=1 Position=#0



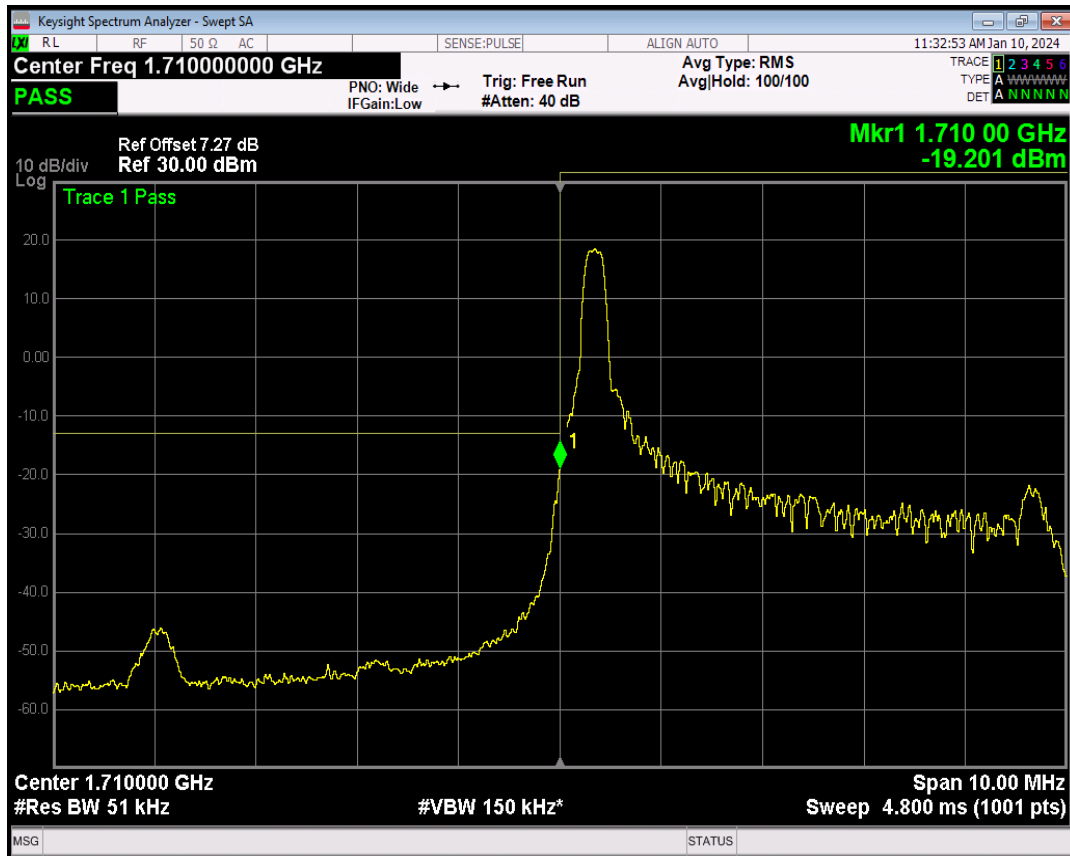
Band66 16QAM BW=3MHz Channel=132657 RB Size=1 Position=#Max



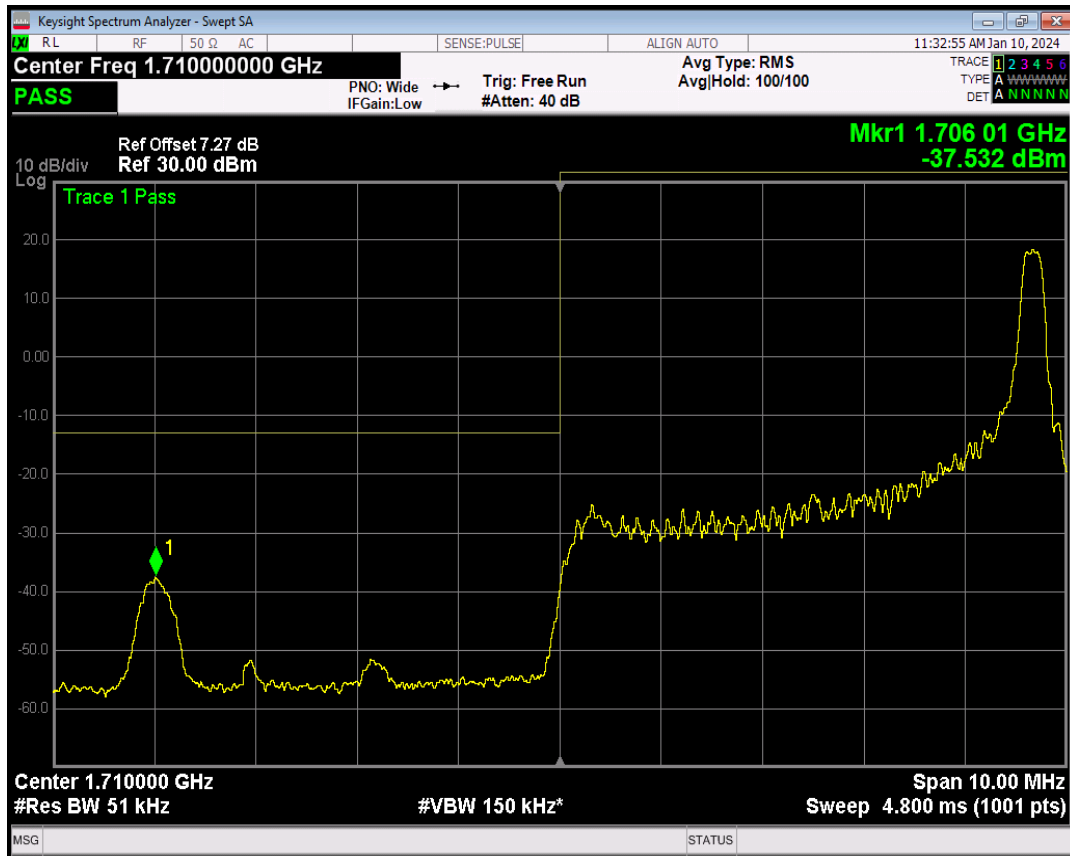
Band66 16QAM BW=3MHz Channel=132657 RB Size=15 Position=#0



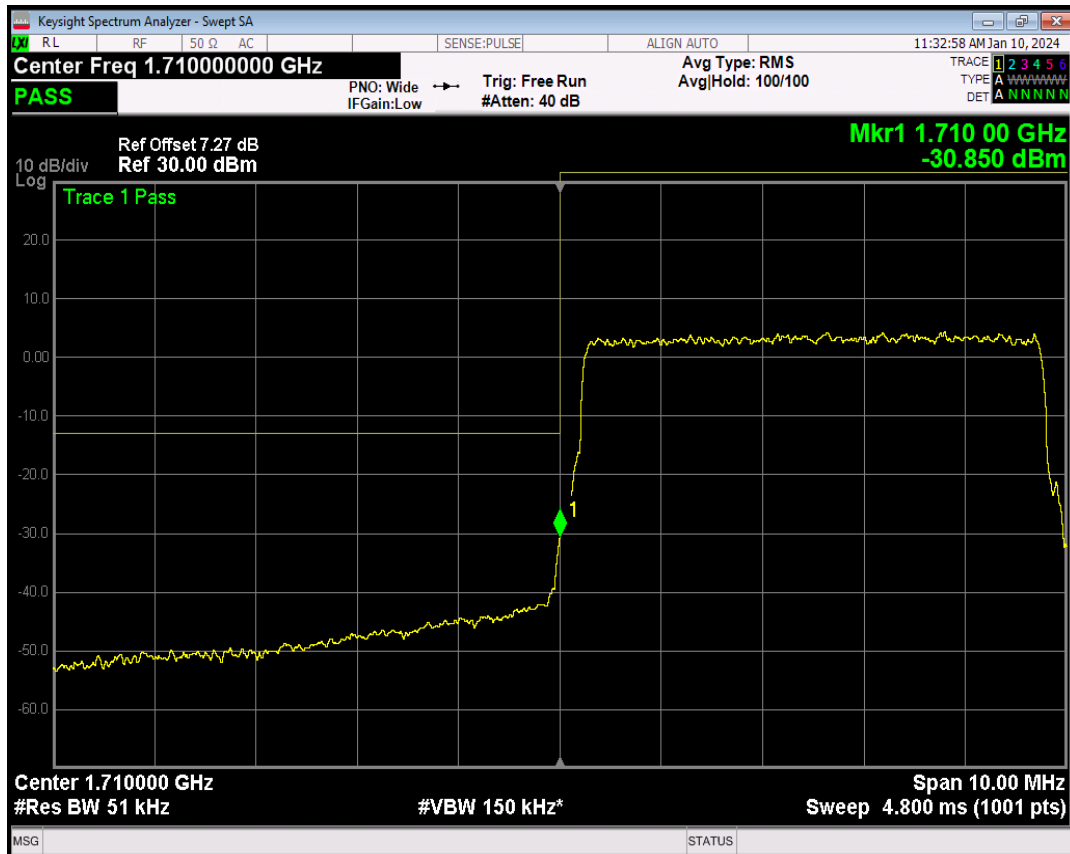
Band66 QPSK BW=5MHz Channel=131997 RB Size=1 Position=#0



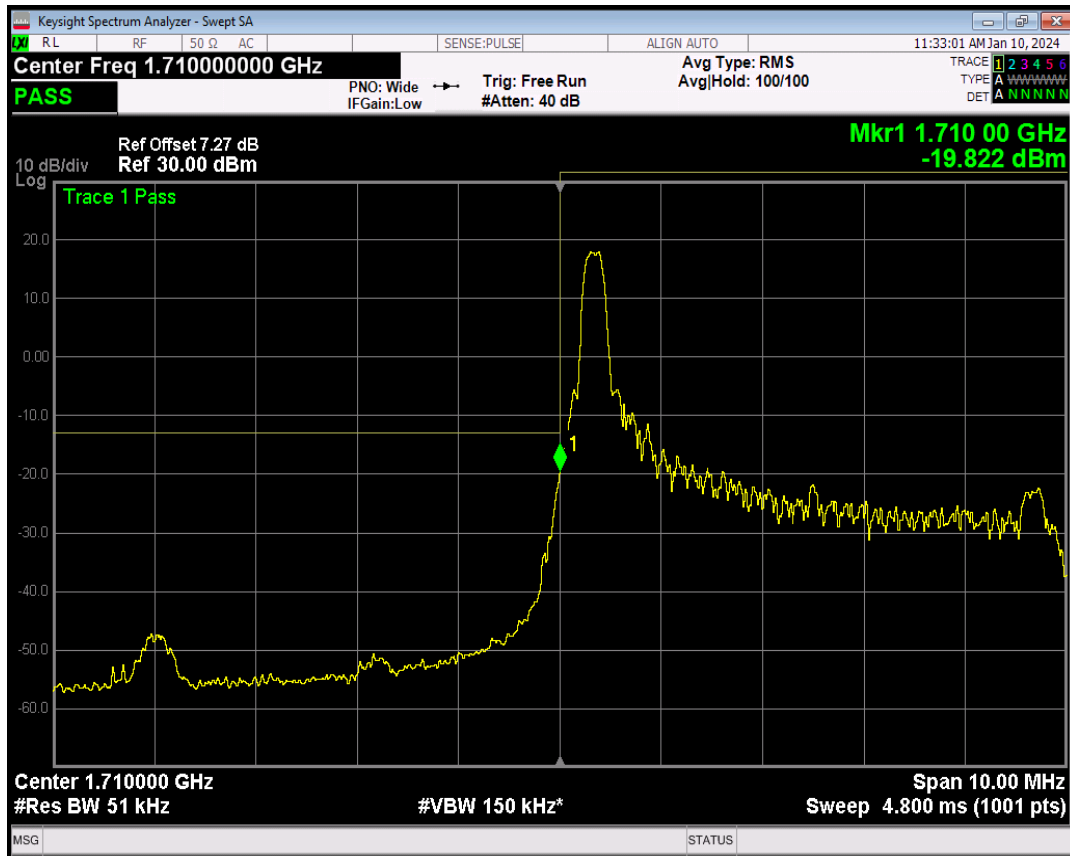
Band66 QPSK BW=5MHz Channel=131997 RB Size=1 Position=#Max



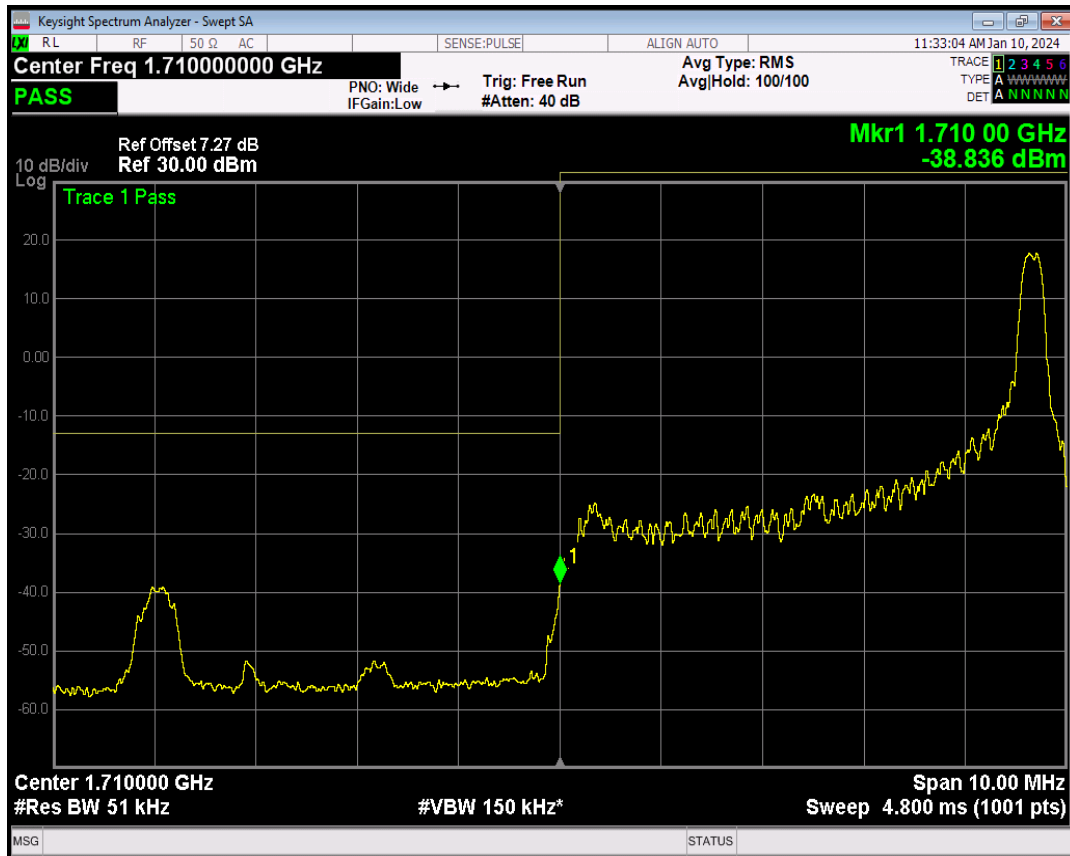
Band66 QPSK BW=5MHz Channel=131997 RB Size=25 Position=#0



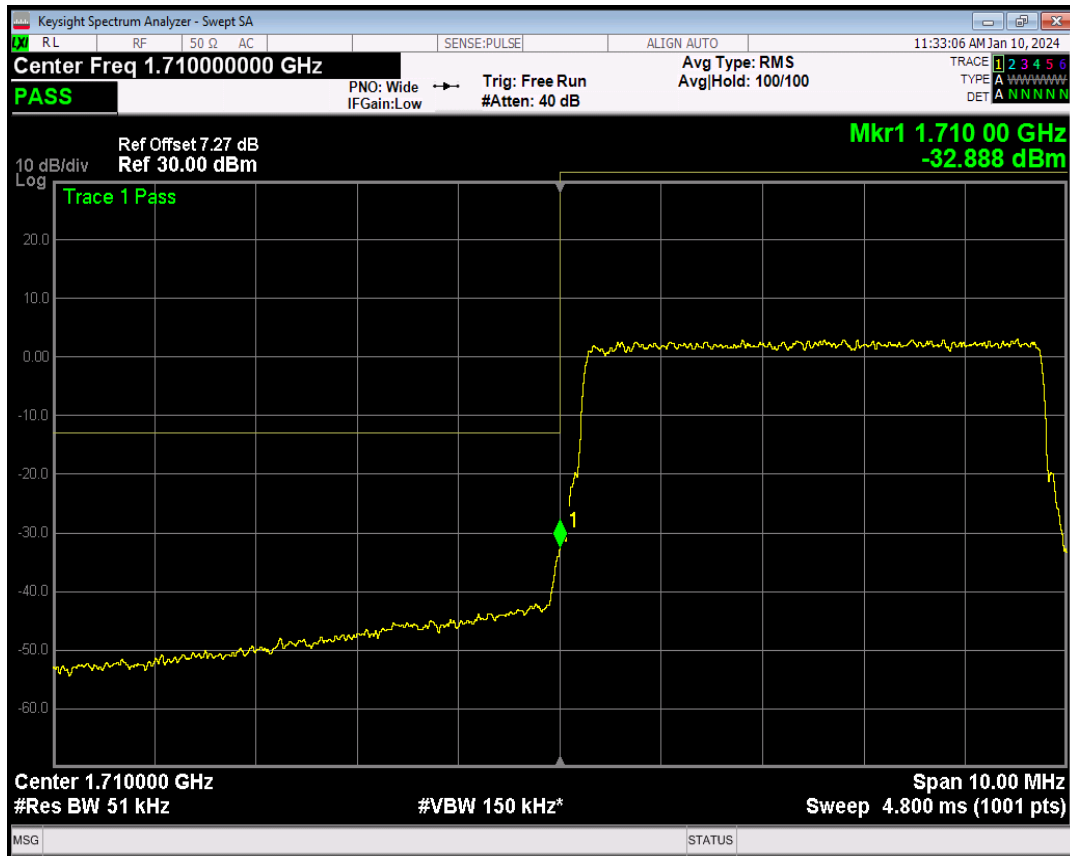
Band66 16QAM BW=5MHz Channel=131997 RB Size=1 Position=#0



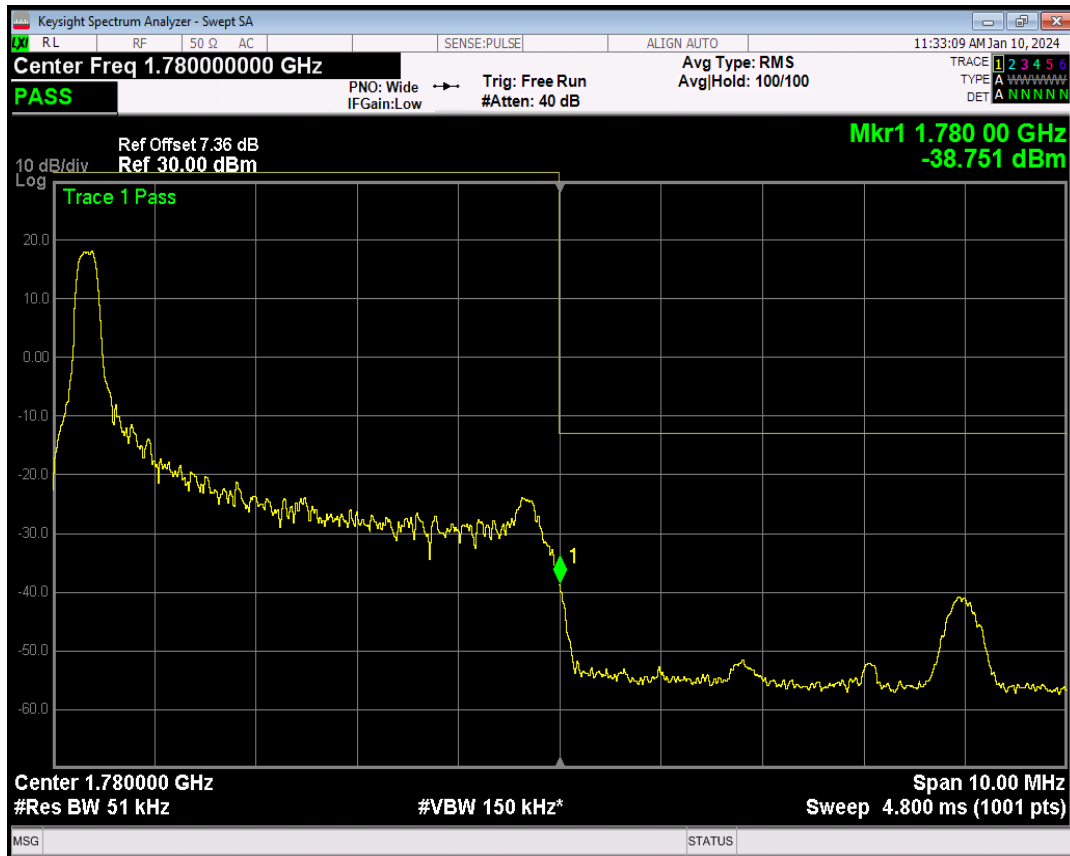
Band66 16QAM BW=5MHz Channel=131997 RB Size=1 Position=#Max



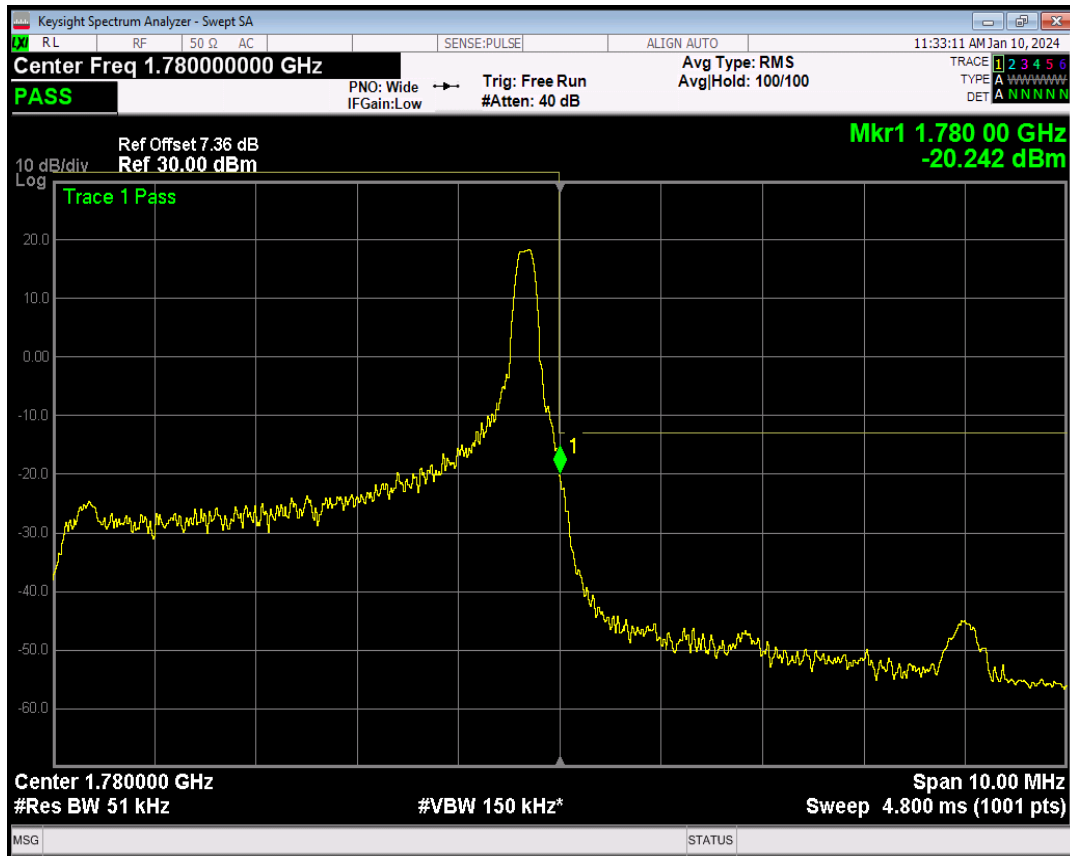
Band66 16QAM BW=5MHz Channel=131997 RB Size=25 Position=#0



Band66 QPSK BW=5MHz Channel=132647 RB Size=1 Position=#0



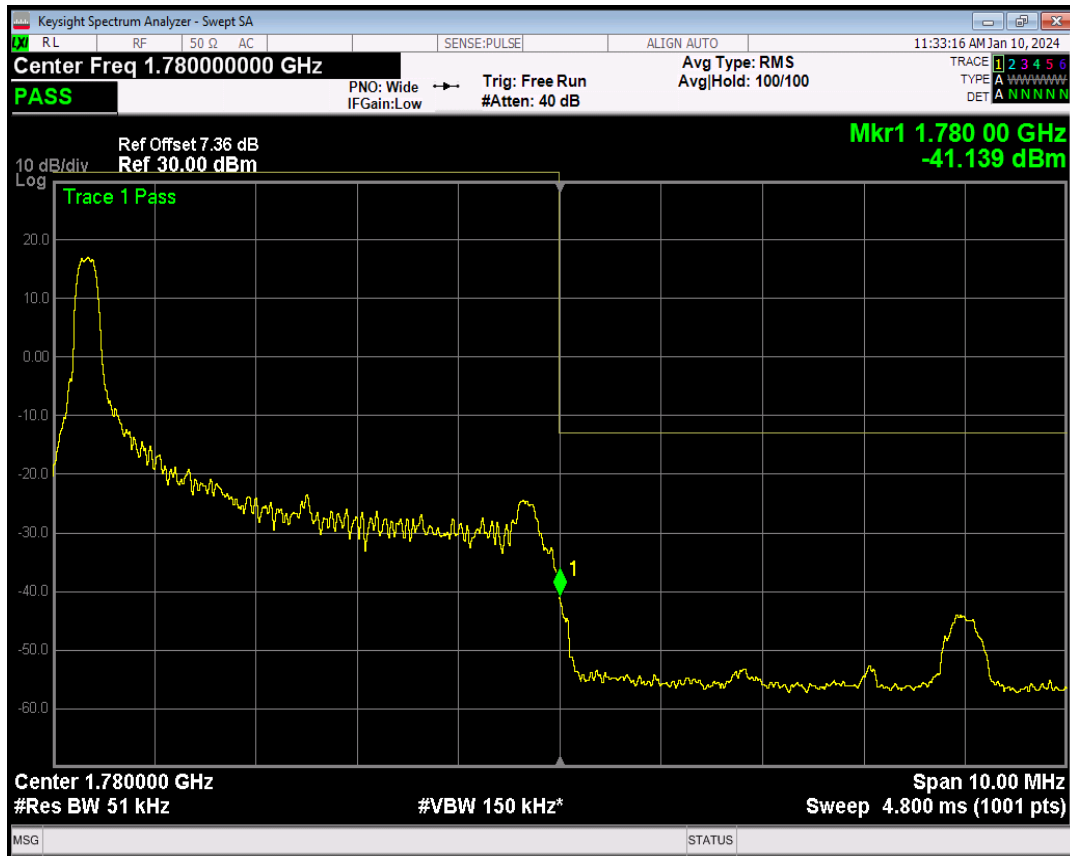
Band66 QPSK BW=5MHz Channel=132647 RB Size=1 Position=#Max



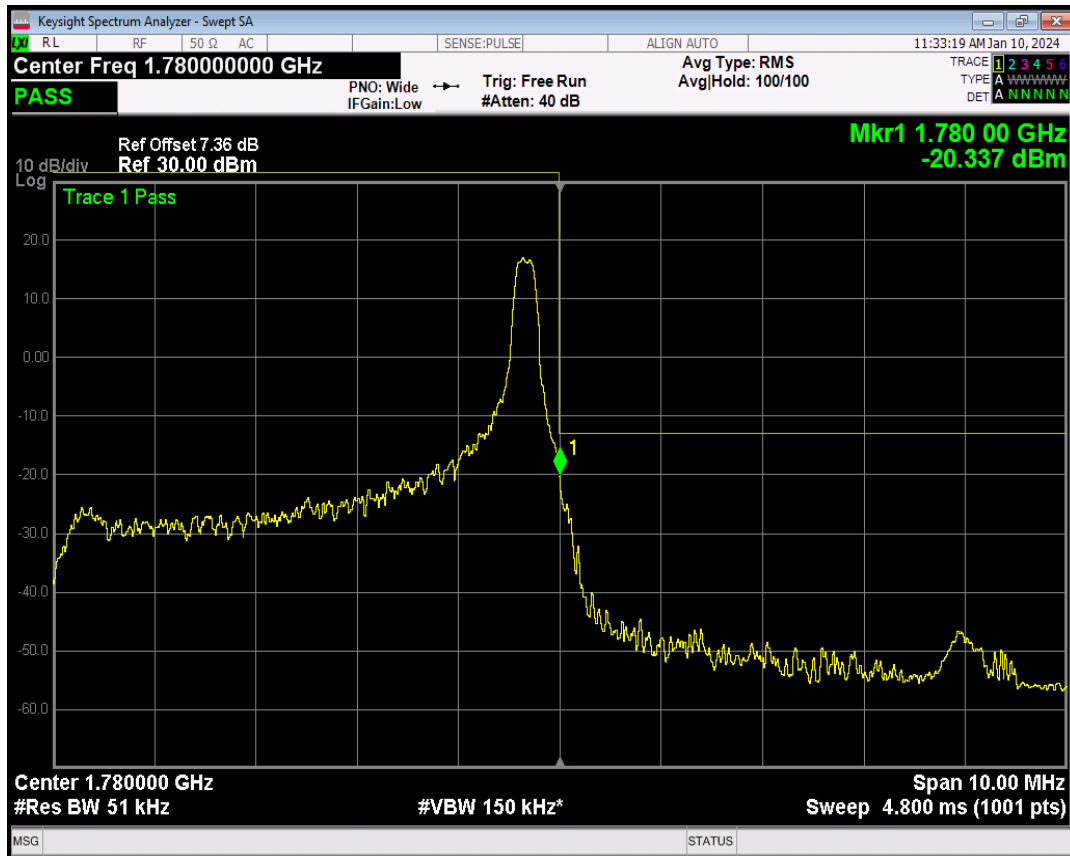
Band66 QPSK BW=5MHz Channel=132647 RB Size=25 Position=#0



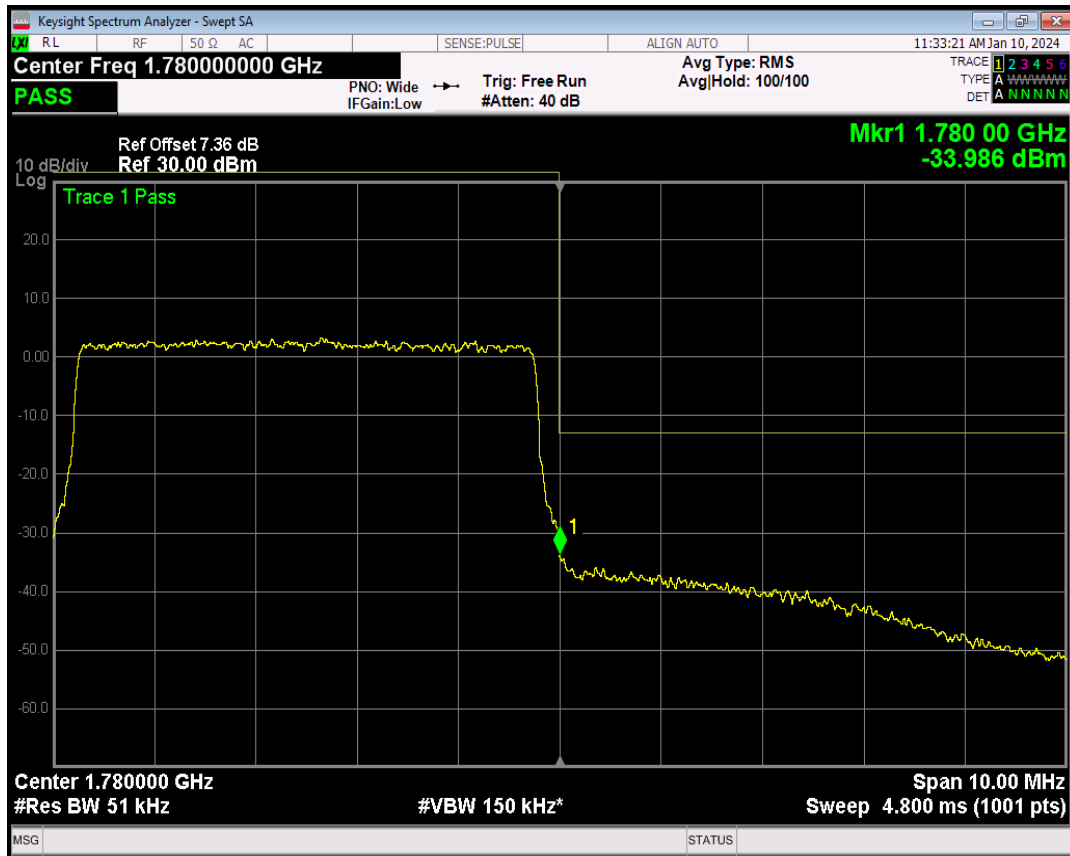
Band66 16QAM BW=5MHz Channel=132647 RB Size=1 Position=#0



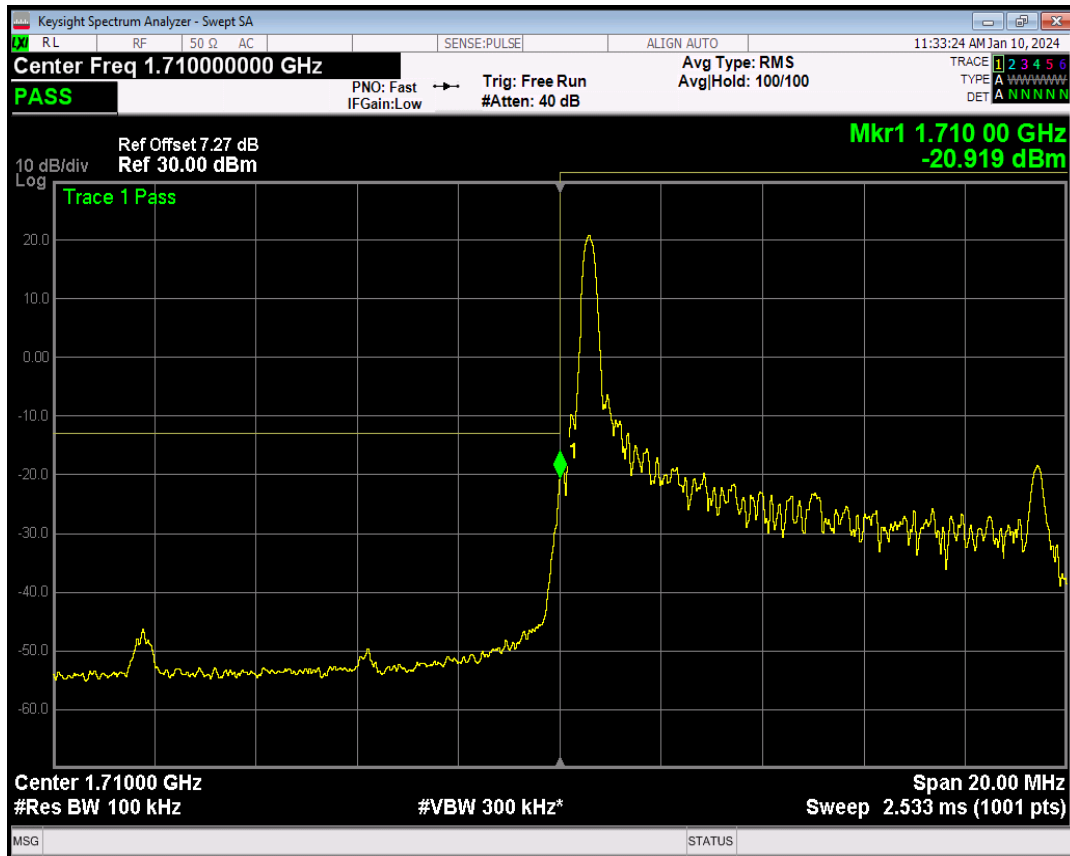
Band66 16QAM BW=5MHz Channel=132647 RB Size=1 Position=#Max



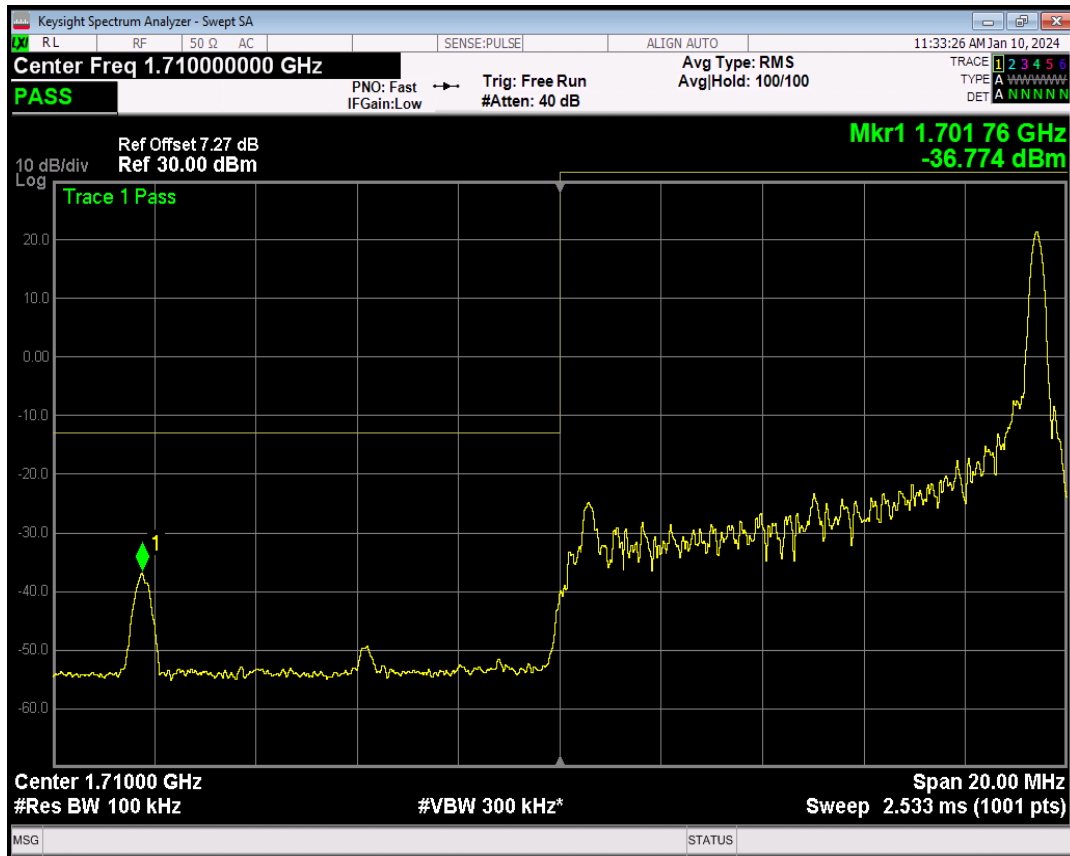
Band66 16QAM BW=5MHz Channel=132647 RB Size=25 Position=#0



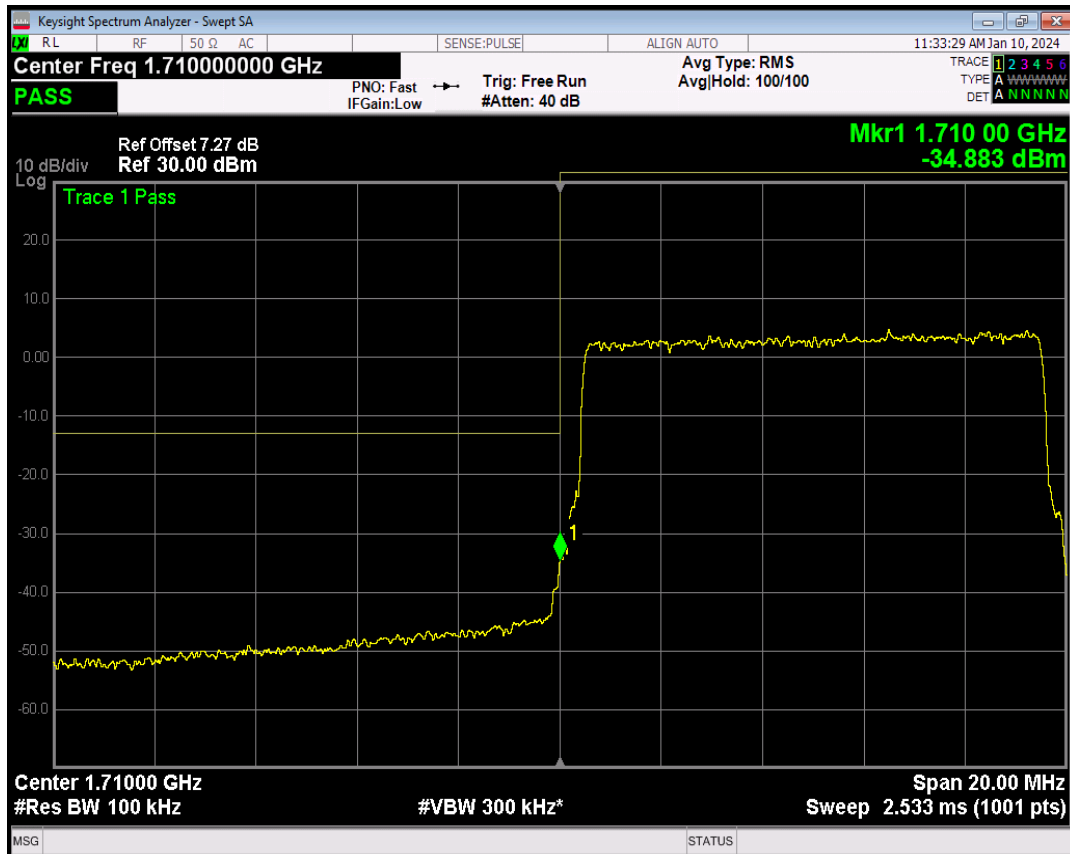
Band66 QPSK BW=10MHz Channel=132022 RB Size=1 Position=#0



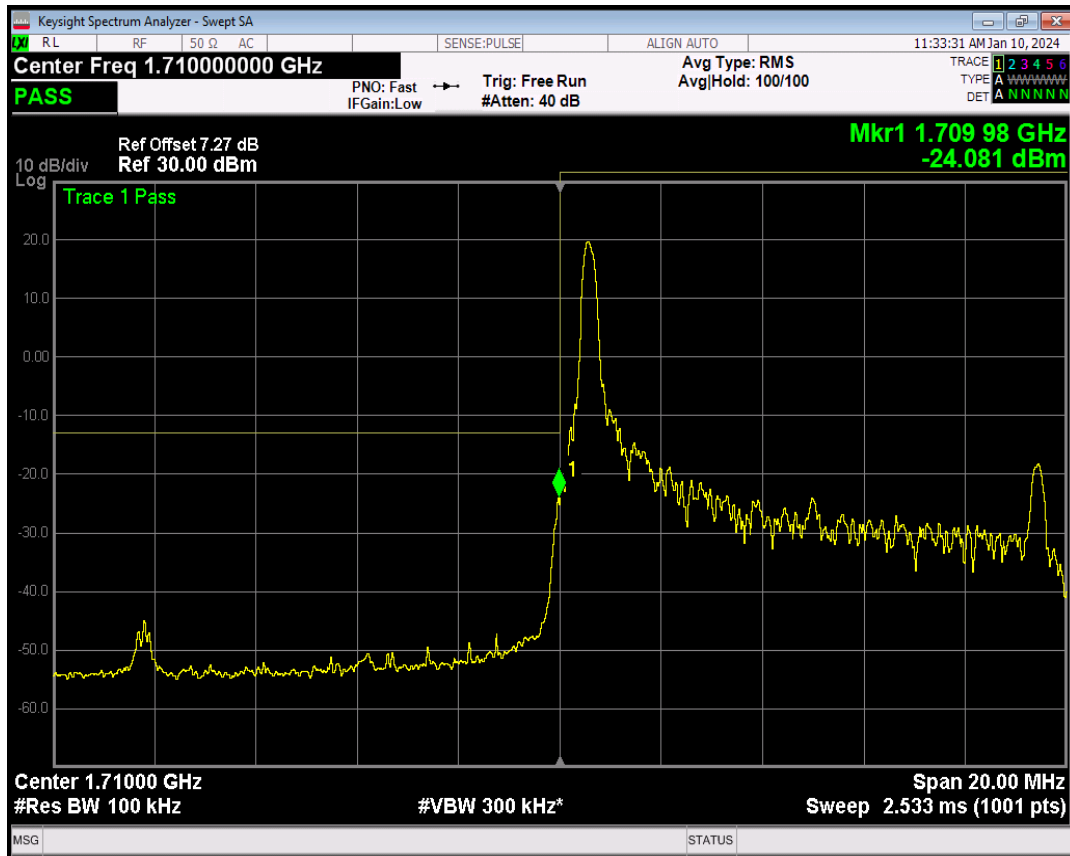
Band66 QPSK BW=10MHz Channel=132022 RB Size=1 Position=#Max



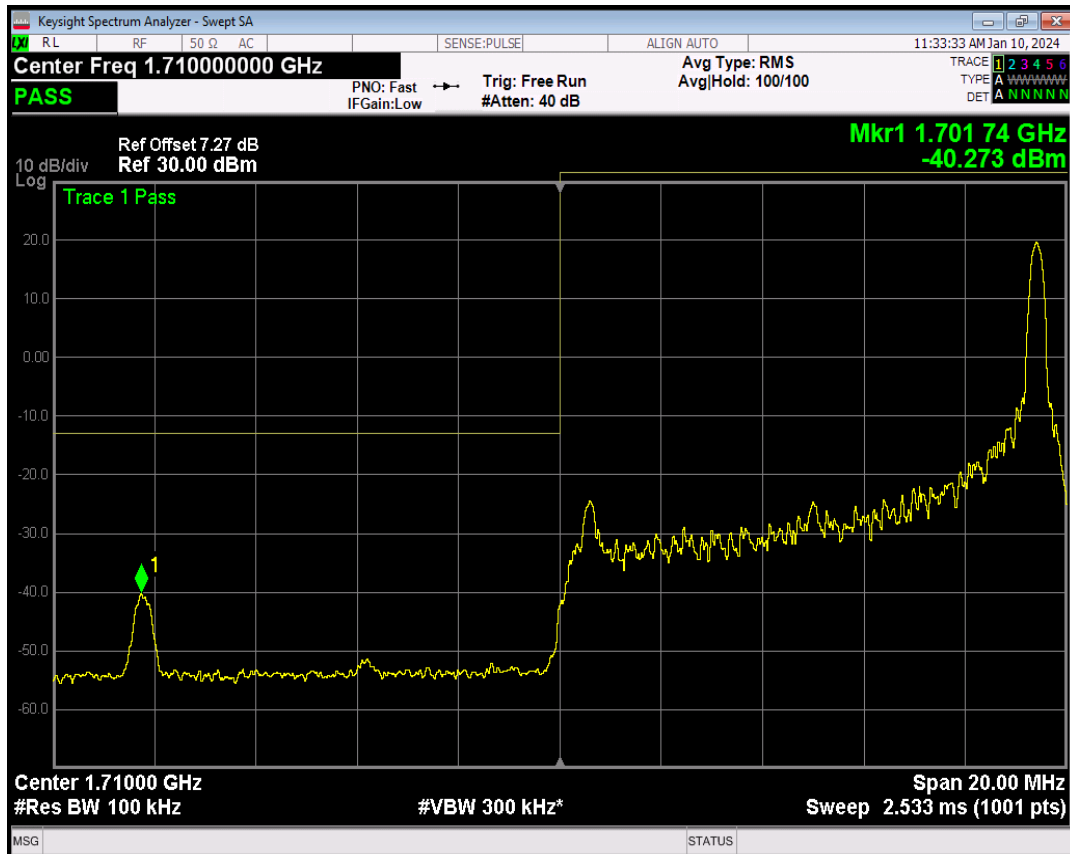
Band66 QPSK BW=10MHz Channel=132022 RB Size=50 Position=#0



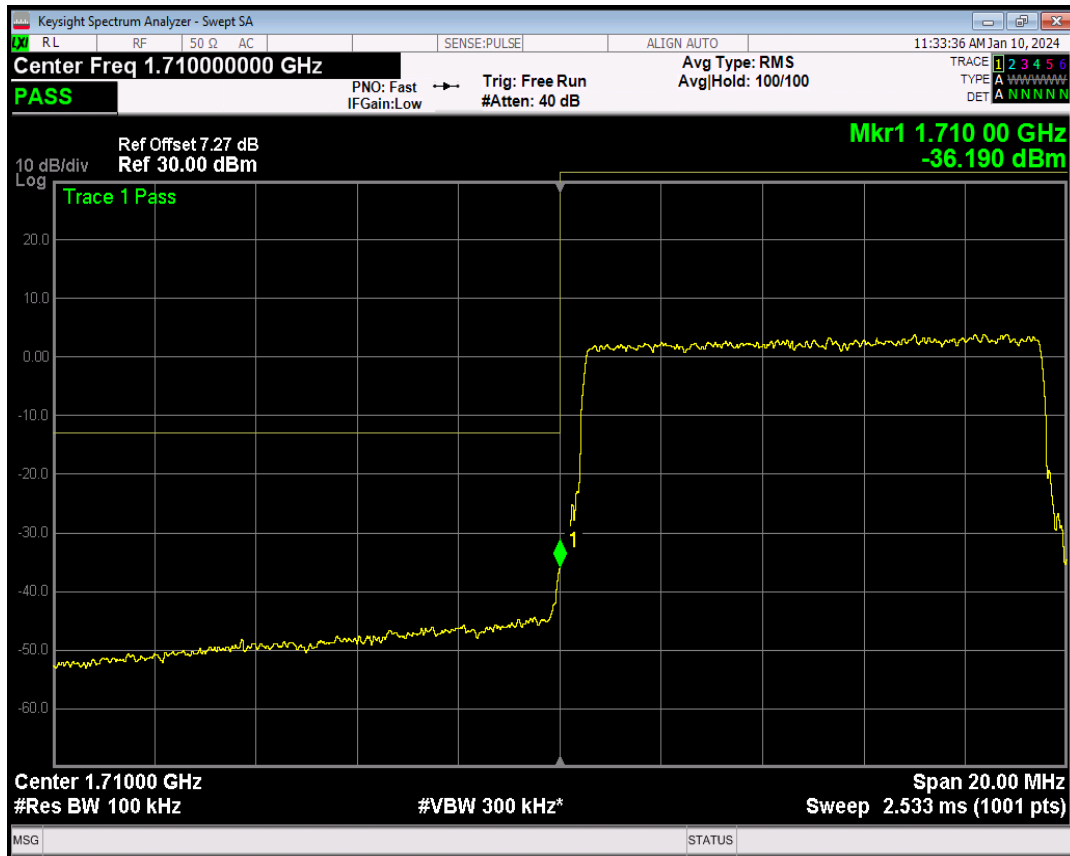
Band66 16QAM BW=10MHz Channel=132022 RB Size=1 Position=#0



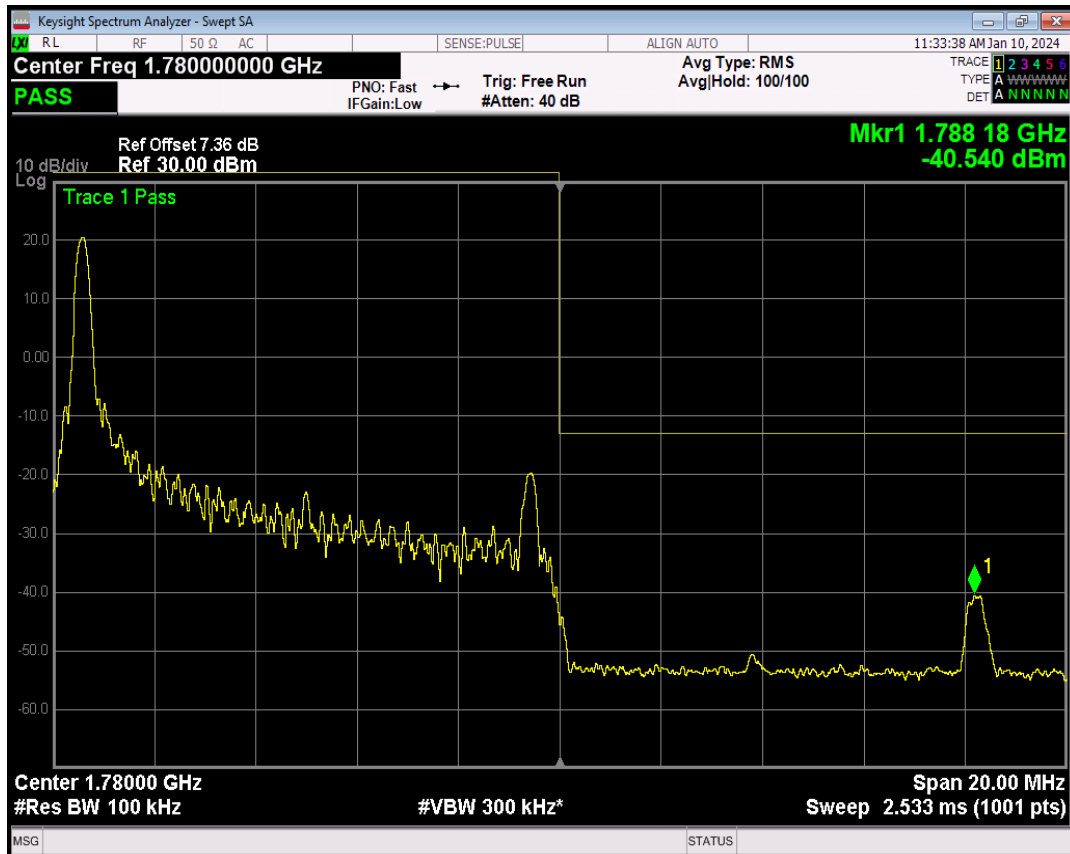
Band66 16QAM BW=10MHz Channel=132022 RB Size=1 Position=#Max



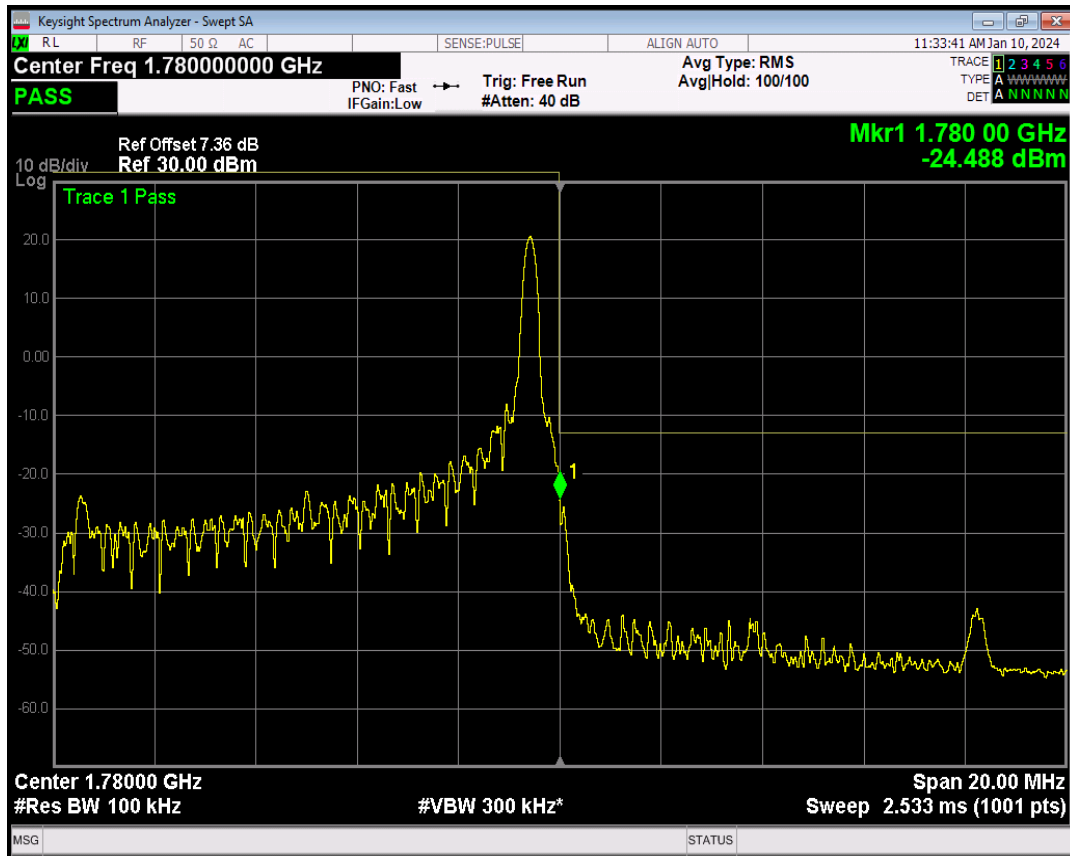
Band66 16QAM BW=10MHz Channel=132022 RB Size=50 Position=#0



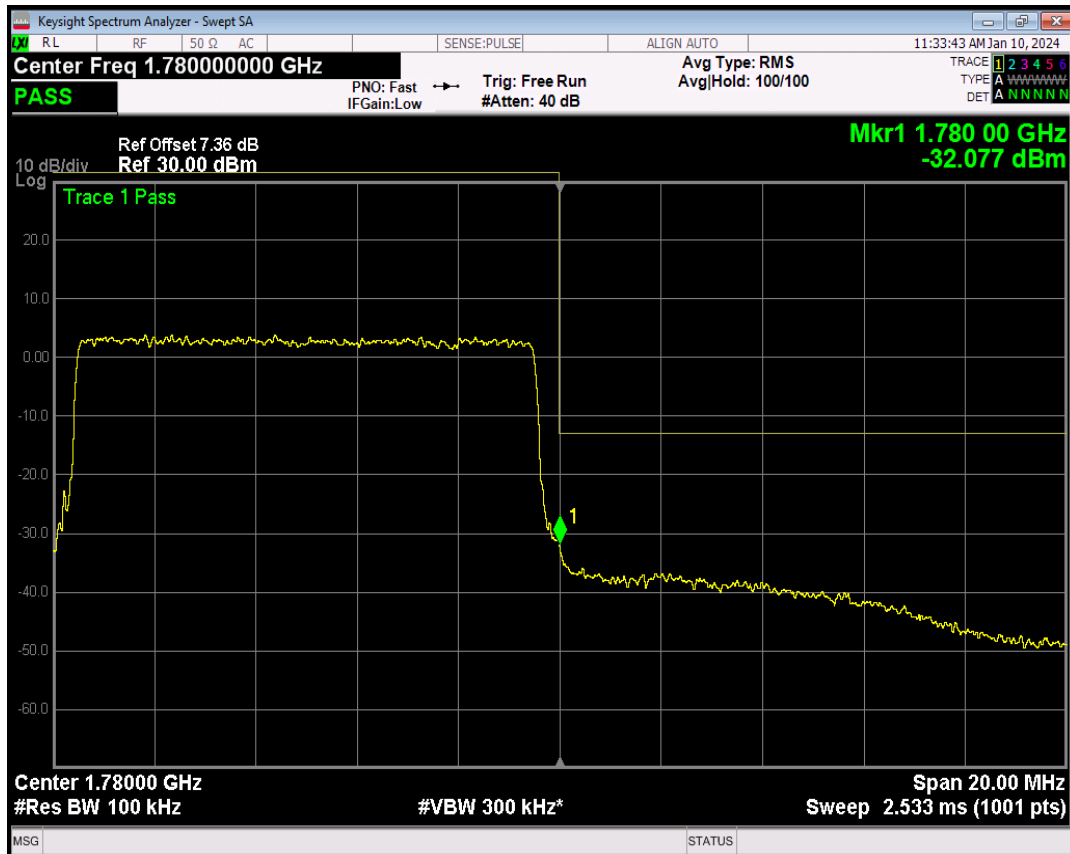
Band66 QPSK BW=10MHz Channel=132622 RB Size=1 Position=#0



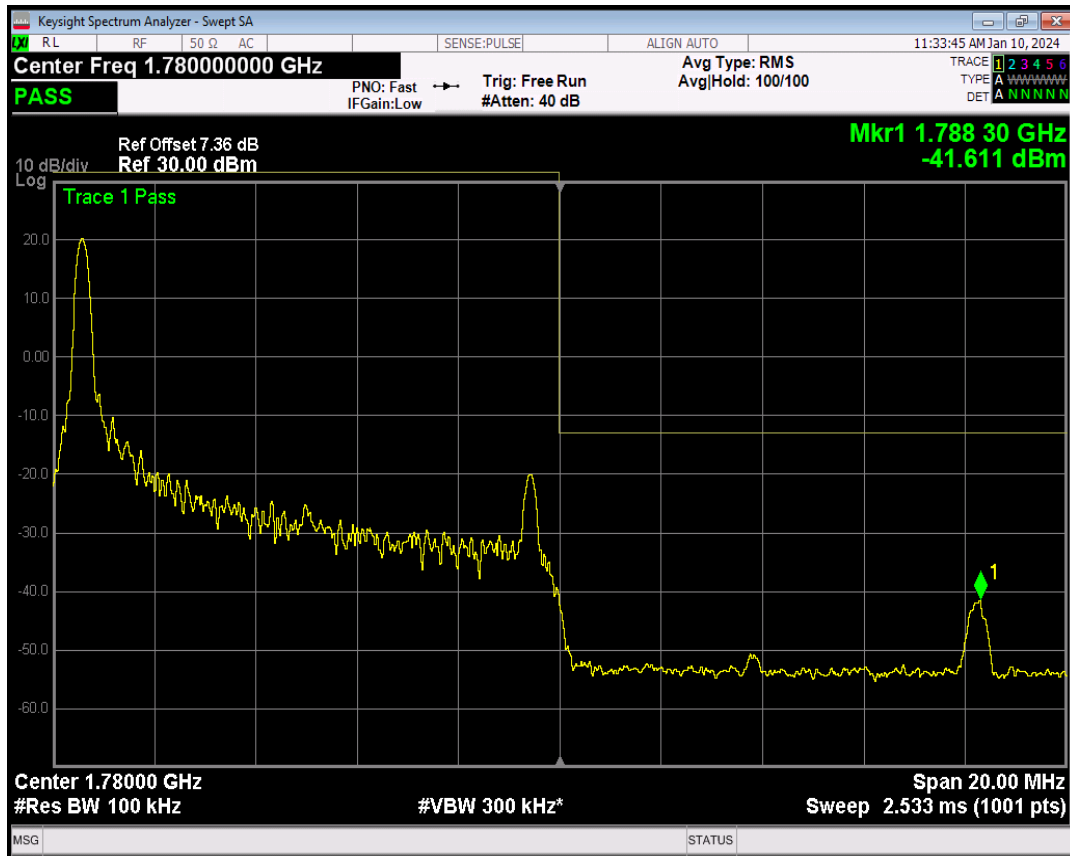
Band66 QPSK BW=10MHz Channel=132622 RB Size=1 Position=#Max



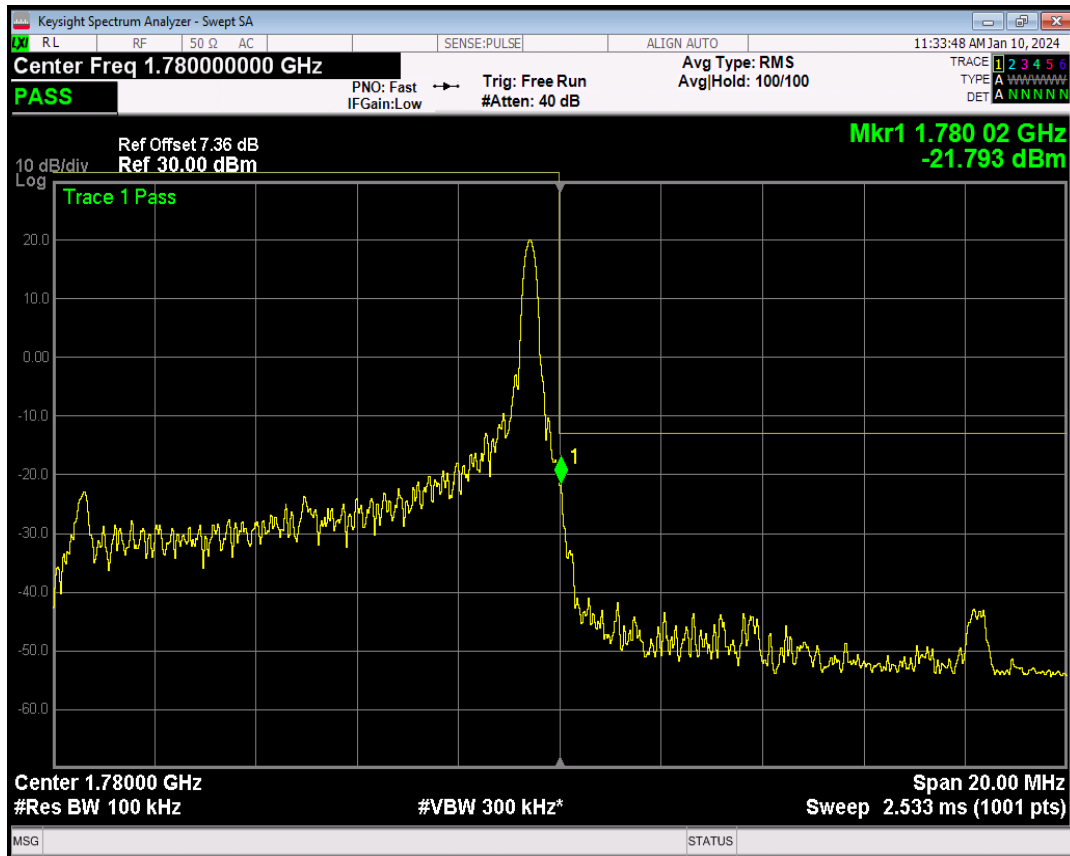
Band66 QPSK BW=10MHz Channel=132622 RB Size=50 Position=#0



Band66 16QAM BW=10MHz Channel=132622 RB Size=1 Position=#0



Band66 16QAM BW=10MHz Channel=132622 RB Size=1 Position=#Max



Keysight Spectrum Analyzer - Swept SA

RL RF 50  $\Omega$  AC SENSE:PULSE ALIGN AUTO 11:33:50 AM Jan 10, 2024

Center Freq 1.78000000 GHz

PNO: Fast Trig: Free Run Avg Type: RMS  
IFGain:Low #Atten: 40 dB Avg|Hold: 100/100

TRACE 1 2 3 4 5 6  
TYPE A  
DET A NNNNN

**PASS**

Ref Offset 7.36 dB  
Ref 30.00 dBm

10 dB/div  
Log

**Mkr1 1.780 00 GHz  
-35.649 dBm**

**Trace 1 Pass**

The figure displays a spectrum analyzer trace. The horizontal axis represents frequency, centered at 1.78000 GHz with a 20.00 MHz span. The vertical axis represents power in dBm, ranging from -60.0 to 10.0 dBm. A yellow trace shows a signal that is relatively flat at approximately 0 dBm across the frequency range, then drops sharply to about -35.6 dBm at 1.780 GHz, marked by a green arrow and a '1'. The signal then continues to decrease slightly towards -60 dBm. The interface includes various control buttons and readouts, such as 'Center Freq 1.78000000 GHz', 'Ref Offset 7.36 dB', 'Ref 30.00 dBm', 'Mkr1 1.780 00 GHz -35.649 dBm', 'Center 1.78000 GHz', '#Res BW 100 kHz', '#VBW 300 kHz\*', 'Span 20.00 MHz', and 'Sweep 2.533 ms (1001 pts)'. A 'PASS' indicator is visible in the top left corner.

Center 1.78000 GHz  
#Res BW 100 kHz #VBW 300 kHz\* Span 20.00 MHz  
Sweep 2.533 ms (1001 pts)

Keysight Spectrum Analyzer - Swept SA

RL RF 50 Q AC SENSE:PULSE ALIGN AUTO 11:33:56 AM Jan 10, 2024

Center Freq 1.71000000 GHz

PASS PNO: Fast IF Gain: Low Trig: Free Run #Atten: 40 dB Avg Type: RMS Avg|Hold: 100/100

Ref Offset 7.27 dB Ref 30.00 dBm

Mkr1 1.697 52 GHz -39.317 dBm

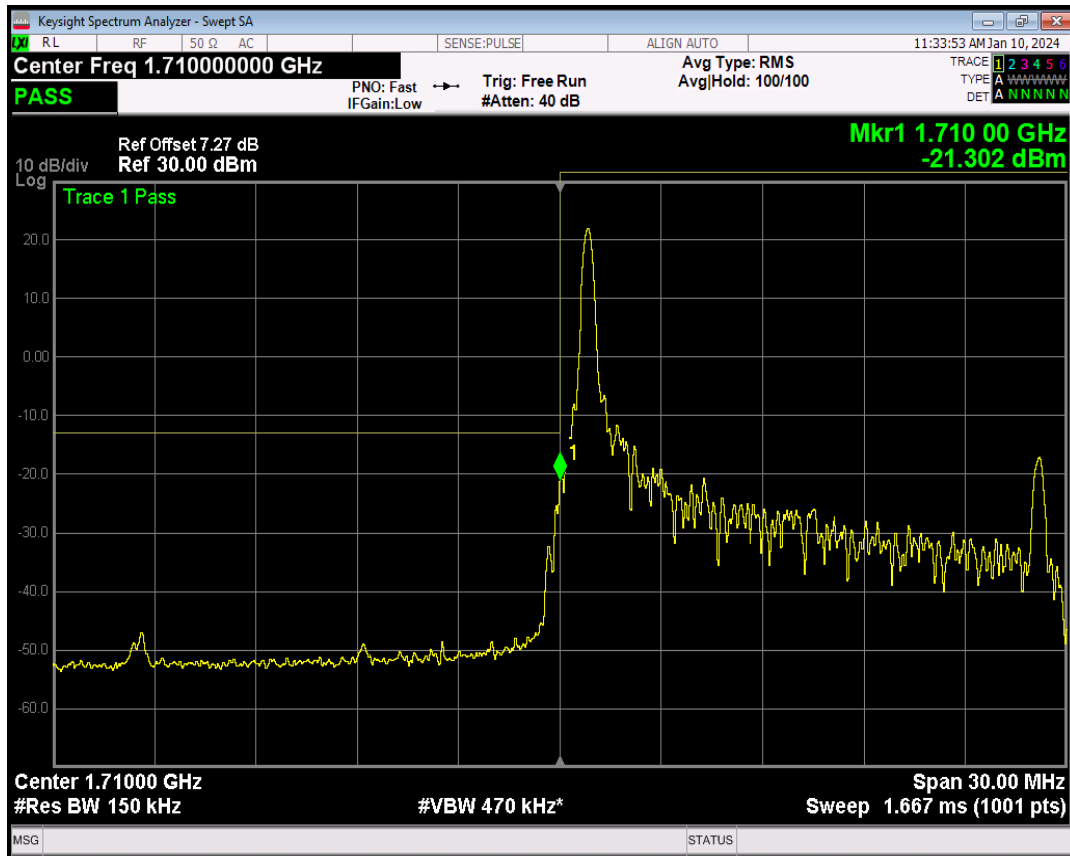
Trace 1 Pass

10 dB/div Log

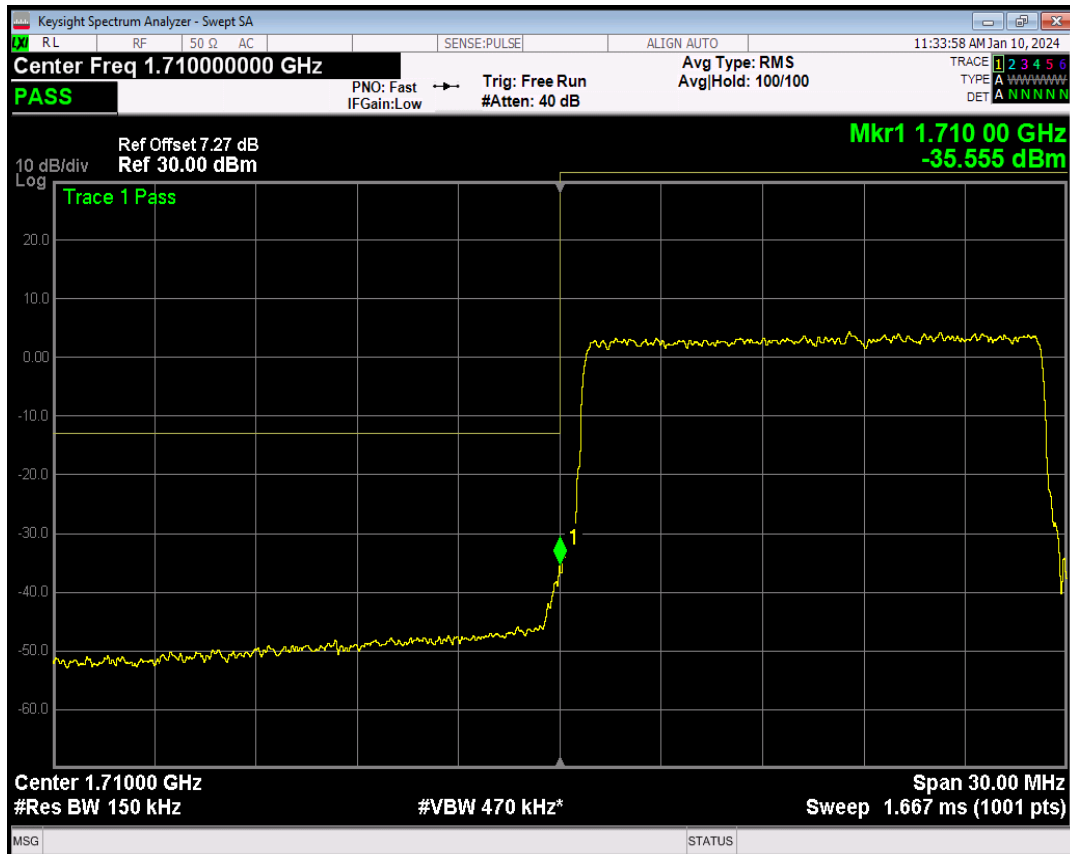
Center 1.71000 GHz Span 30.00 MHz #Res BW 150 kHz #VBW 470 kHz\* Sweep 1.667 ms (1001 pts)

The figure is a screenshot of a Keysight Spectrum Analyzer. The main display area shows a frequency spectrum plot with a yellow trace. The y-axis is labeled '10 dB/div Log' and ranges from -60.0 to 10.0. The x-axis represents frequency, with a center frequency of 1.71000 GHz and a span of 30.00 MHz. A prominent peak is visible at 1.69752 GHz, marked with a green diamond and labeled '1'. The peak's power level is -39.317 dBm. The trace shows a relatively flat baseline around -50 dBm, with some noise and a small peak at the center frequency. The top of the screen displays various settings: 'Center Freq 1.71000000 GHz', 'PNO: Fast', 'IF Gain: Low', 'Trig: Free Run', '#Atten: 40 dB', 'Avg Type: RMS', and 'Avg|Hold: 100/100'. The bottom of the screen shows 'Center 1.71000 GHz', 'Span 30.00 MHz', '#Res BW 150 kHz', '#VBW 470 kHz\*', and 'Sweep 1.667 ms (1001 pts)'. The left side of the screen has a 'PASS' indicator. The right side shows 'Mkr1 1.697 52 GHz -39.317 dBm' and 'Trace 1 Pass'.

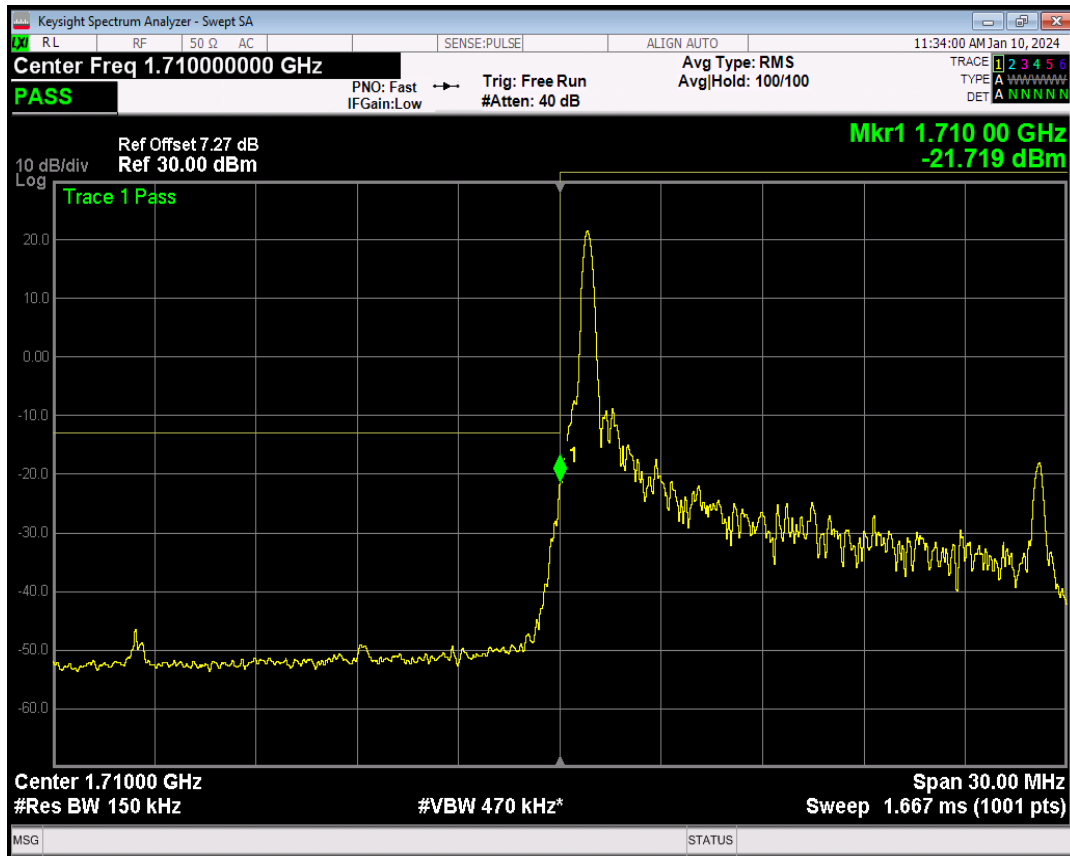
Band66 QPSK BW=15MHz Channel=132047 RB Size=1 Position=#0



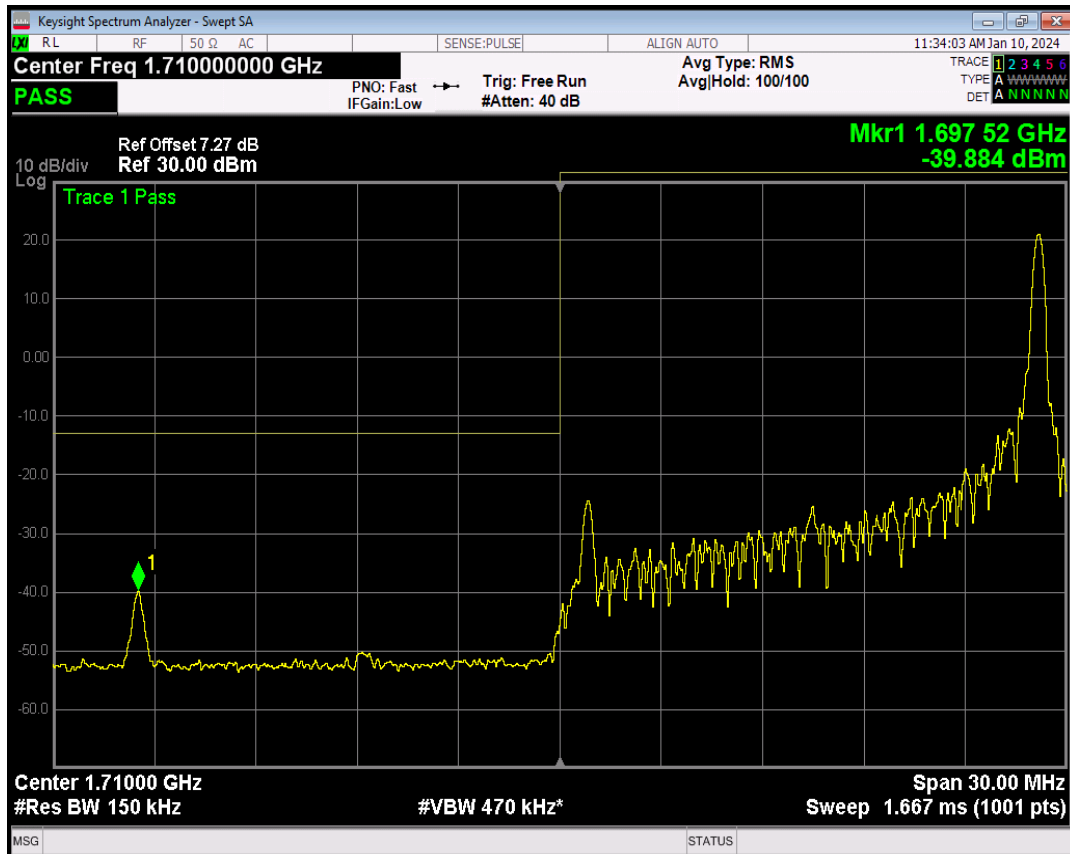
Band66 QPSK BW=15MHz Channel=132047 RB Size=75 Position=#0



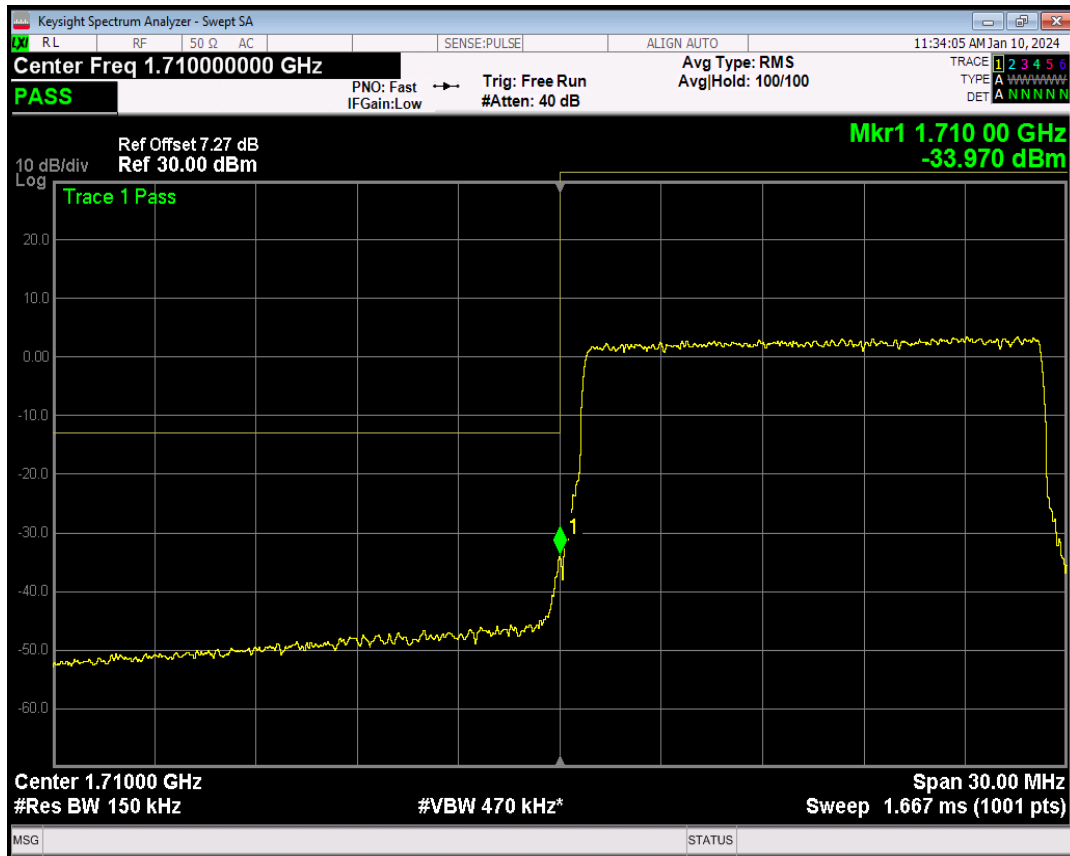
Band66 16QAM BW=15MHz Channel=132047 RB Size=1 Position=#0



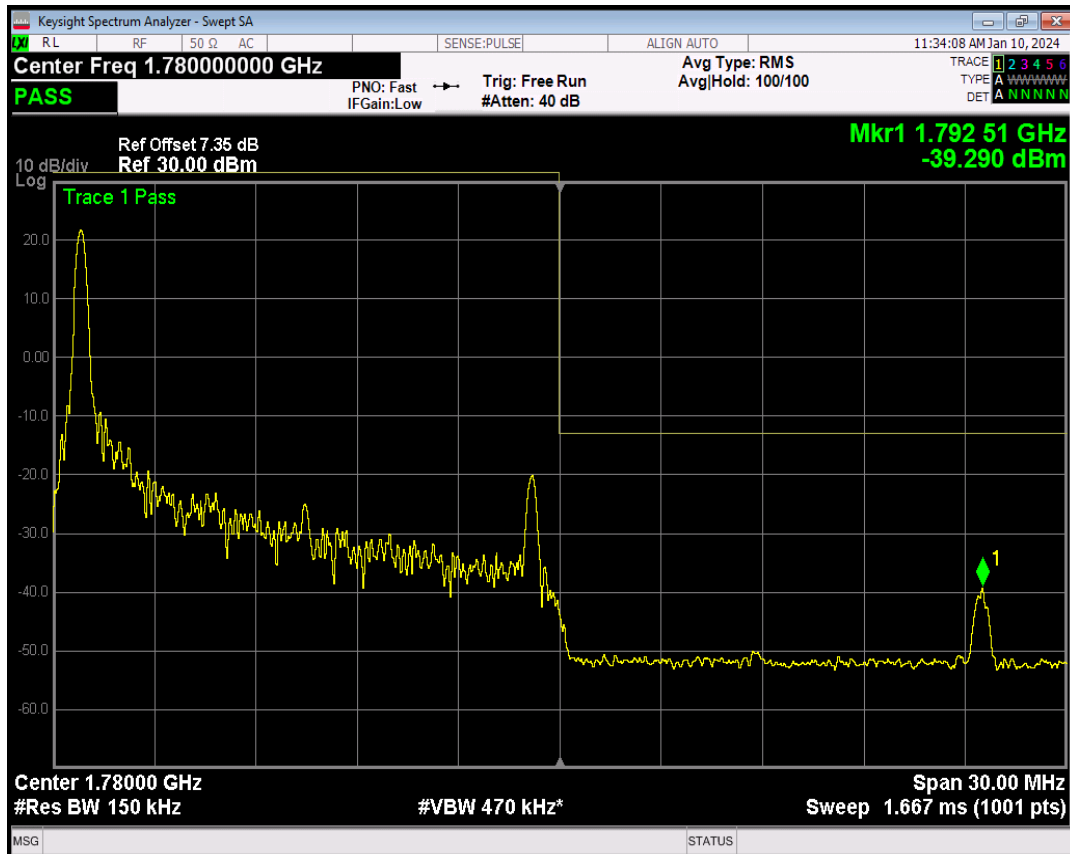
Band66 16QAM BW=15MHz Channel=132047 RB Size=1 Position=#Max



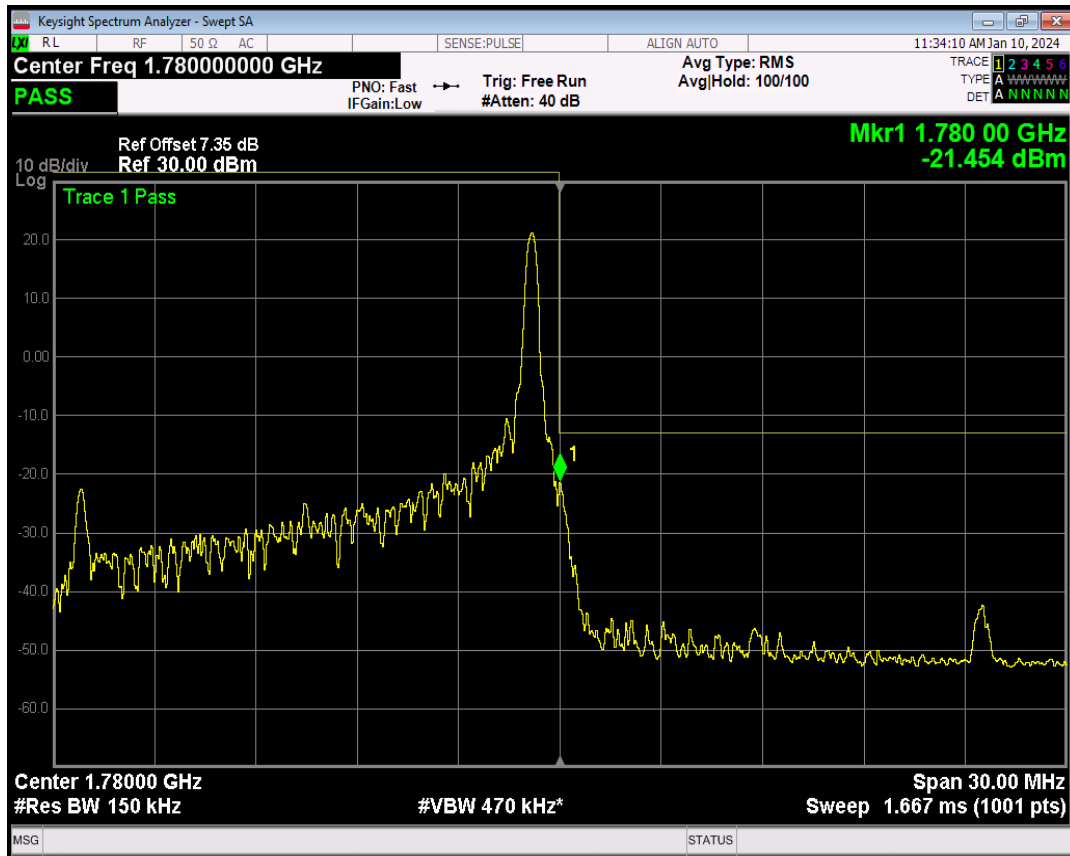
Band66 16QAM BW=15MHz Channel=132047 RB Size=75 Position=#0



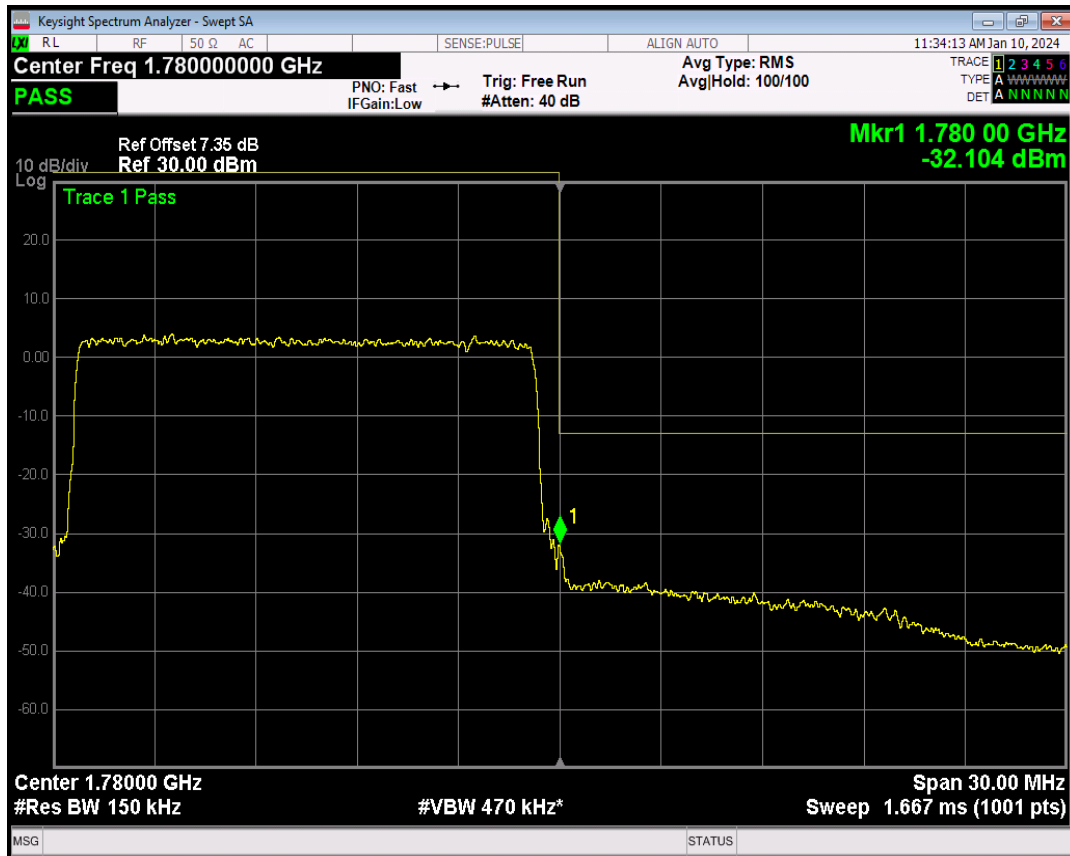
Band66 QPSK BW=15MHz Channel=132597 RB Size=1 Position=#0



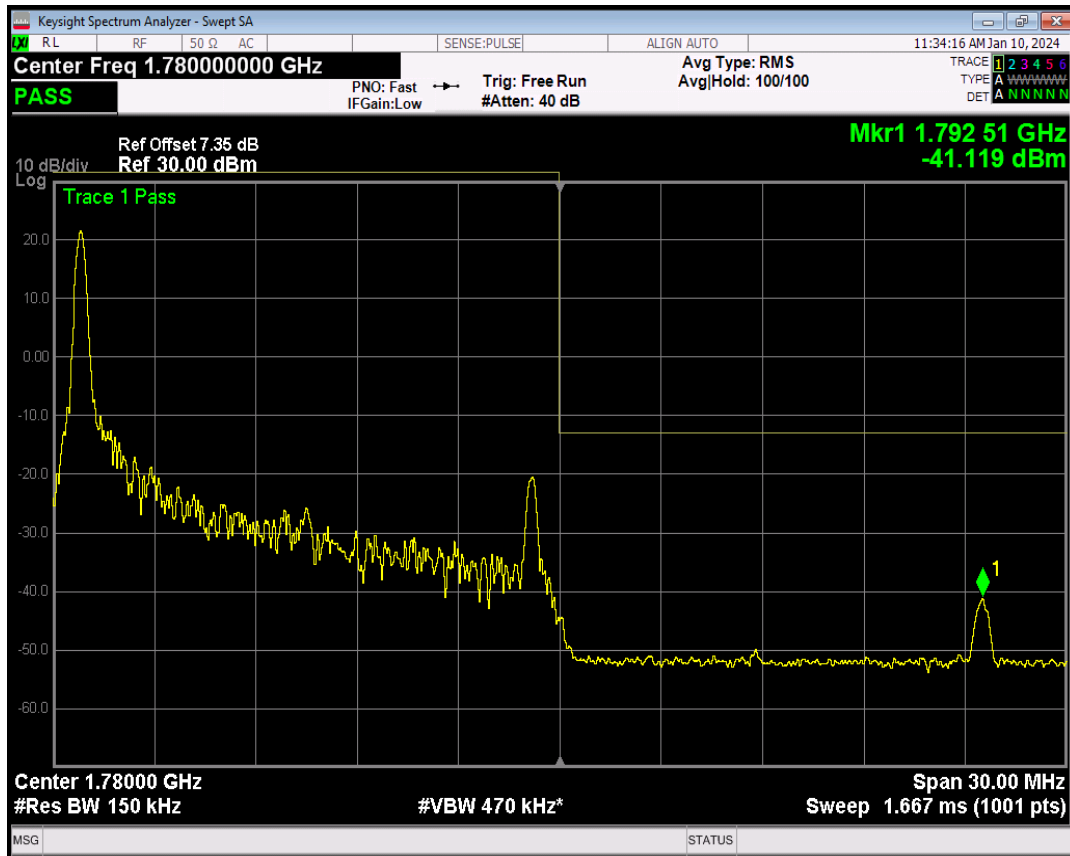
Band66 QPSK BW=15MHz Channel=132597 RB Size=1 Position=#Max



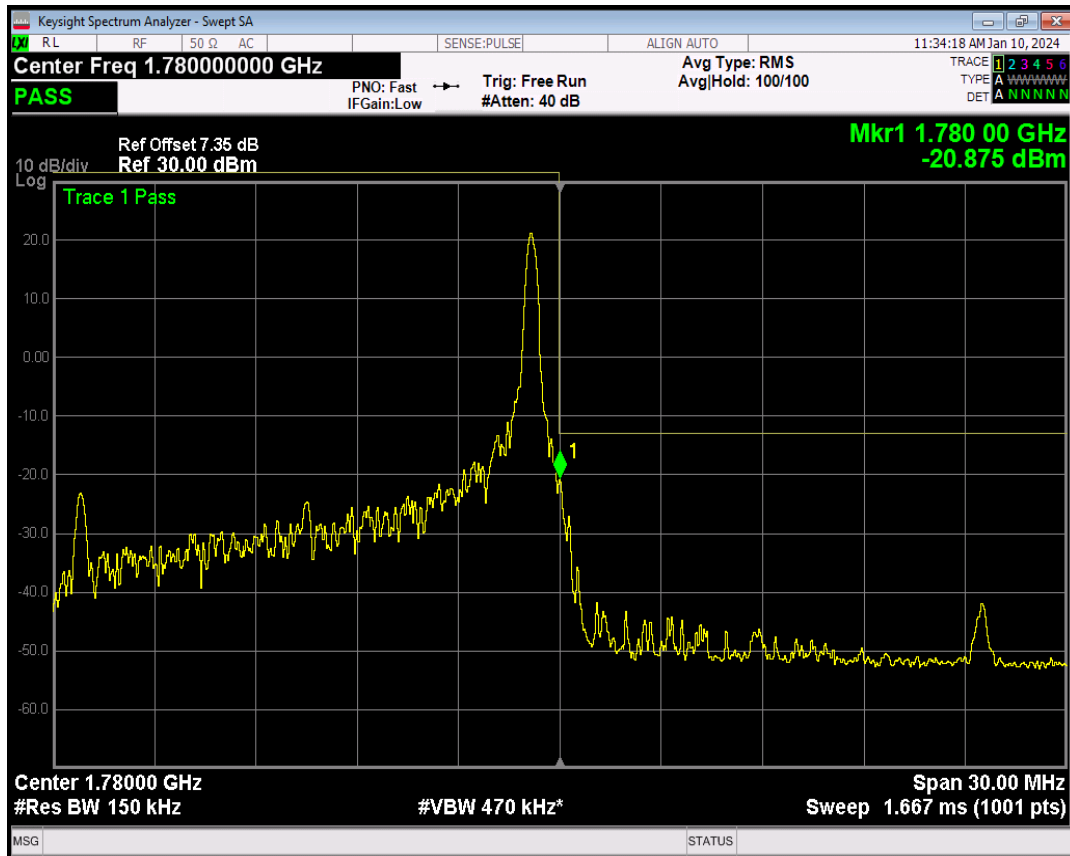
Band66 QPSK BW=15MHz Channel=132597 RB Size=75 Position=#0



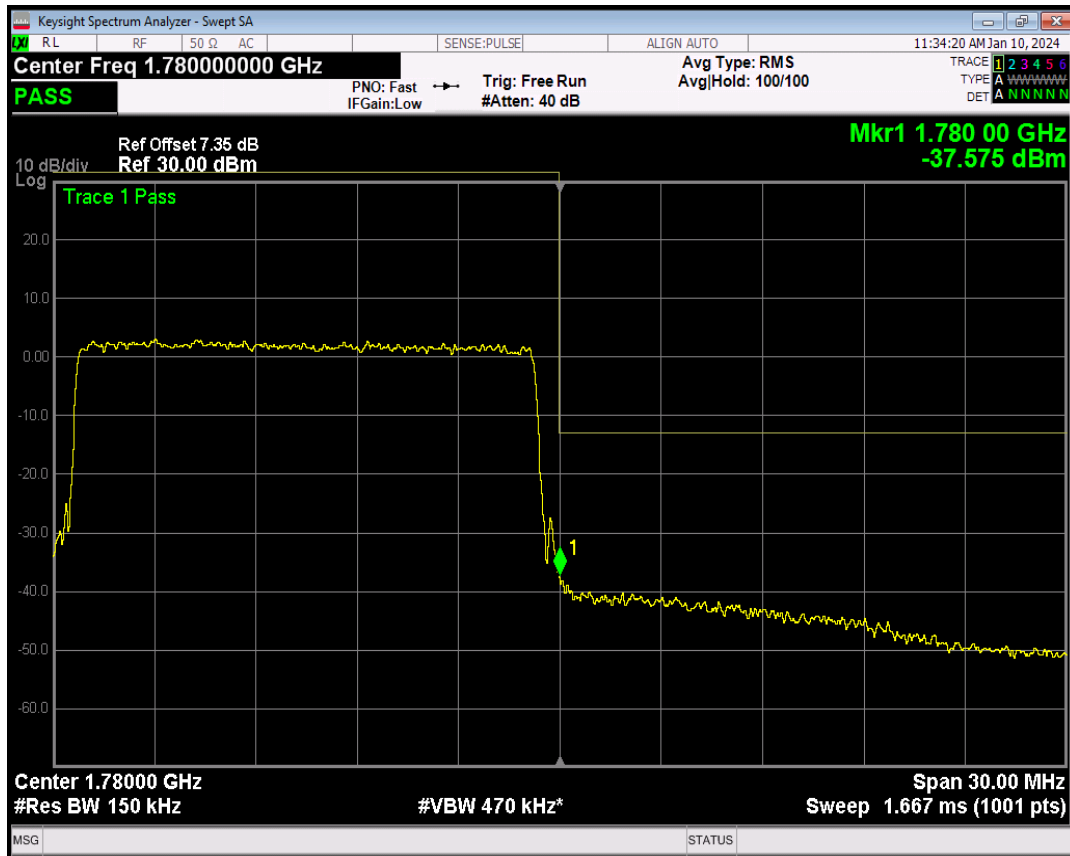
Band66 16QAM BW=15MHz Channel=132597 RB Size=1 Position=#0



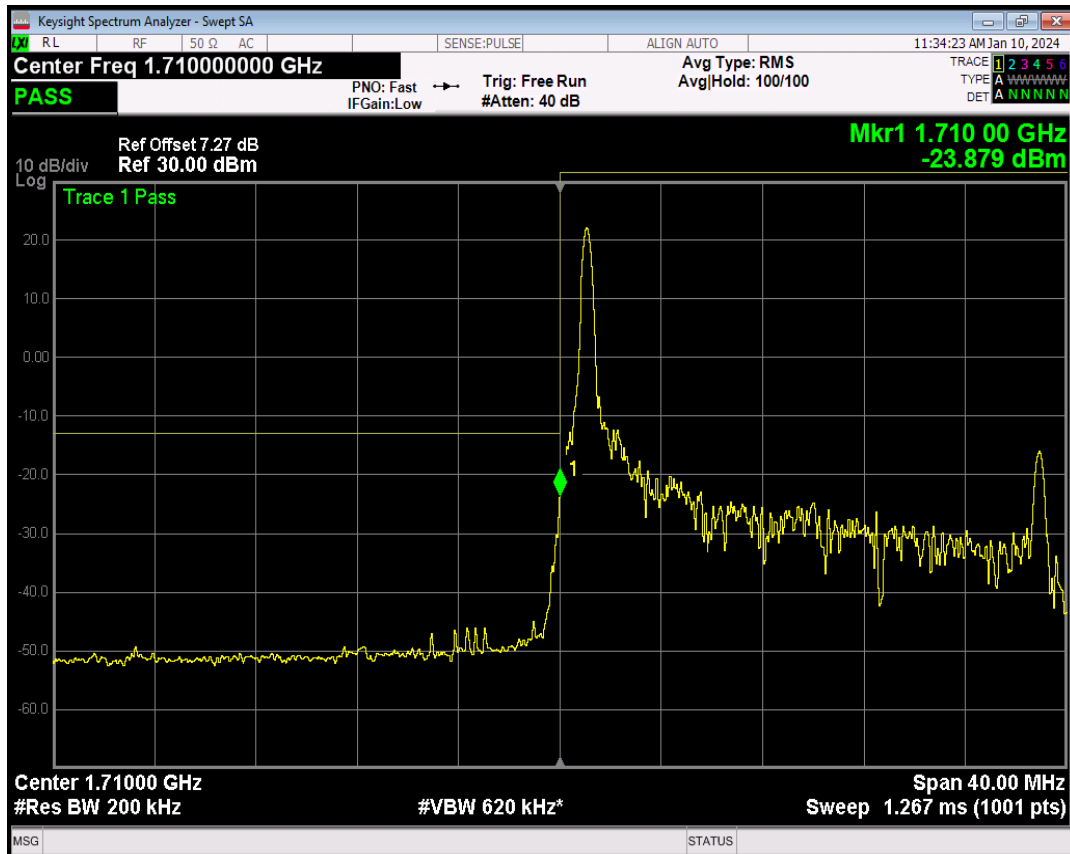
Band66 16QAM BW=15MHz Channel=132597 RB Size=1 Position=#Max



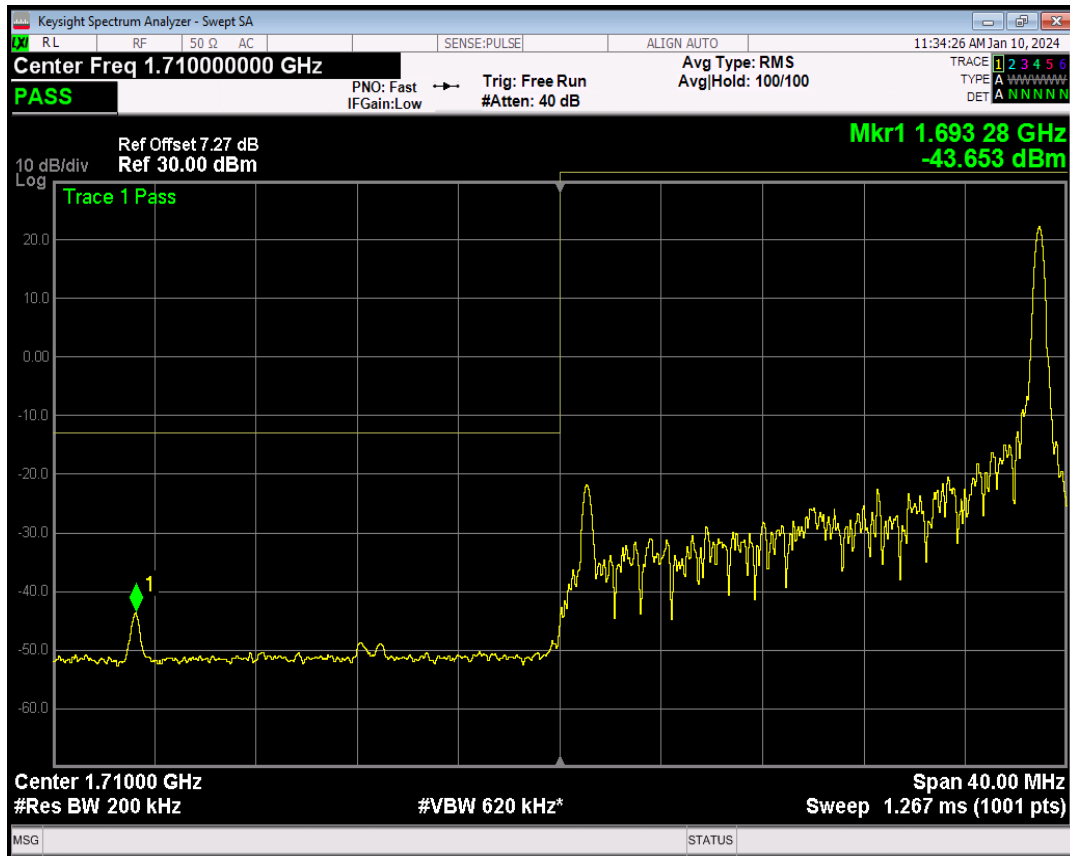
Band66 16QAM BW=15MHz Channel=132597 RB Size=75 Position=#0



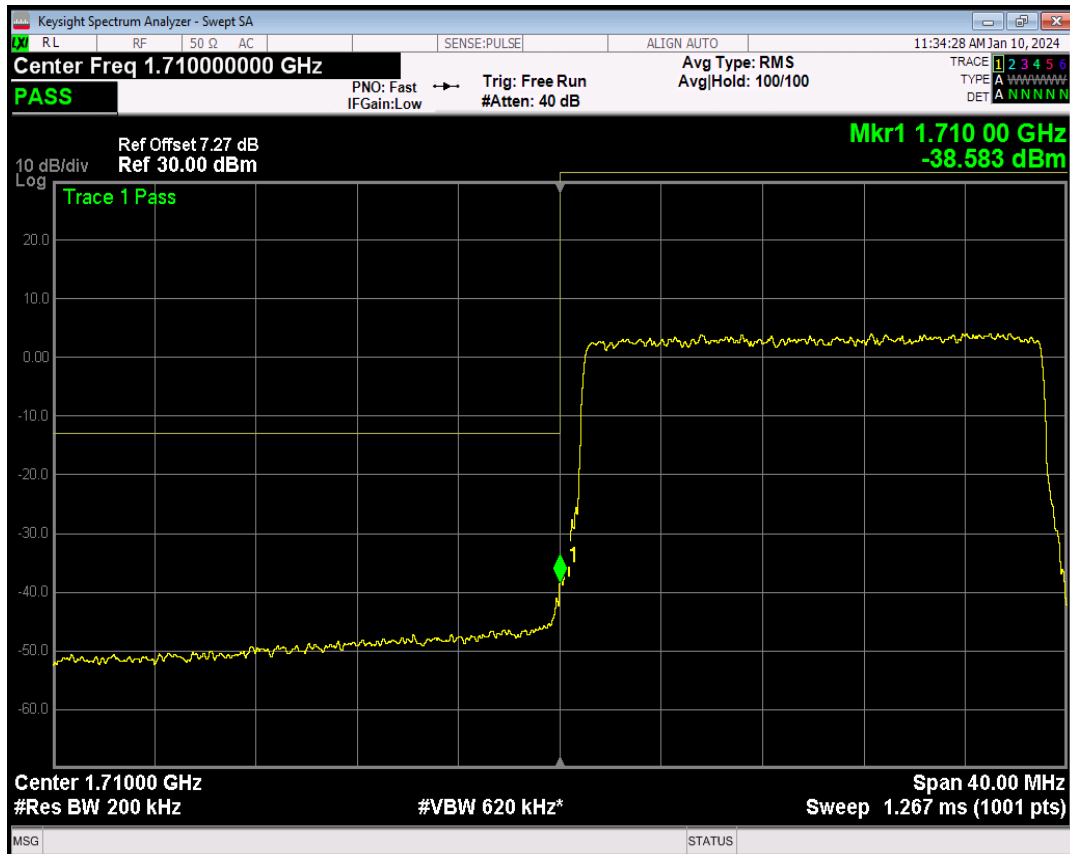
Band66 QPSK BW=20MHz Channel=132072 RB Size=1 Position=#0



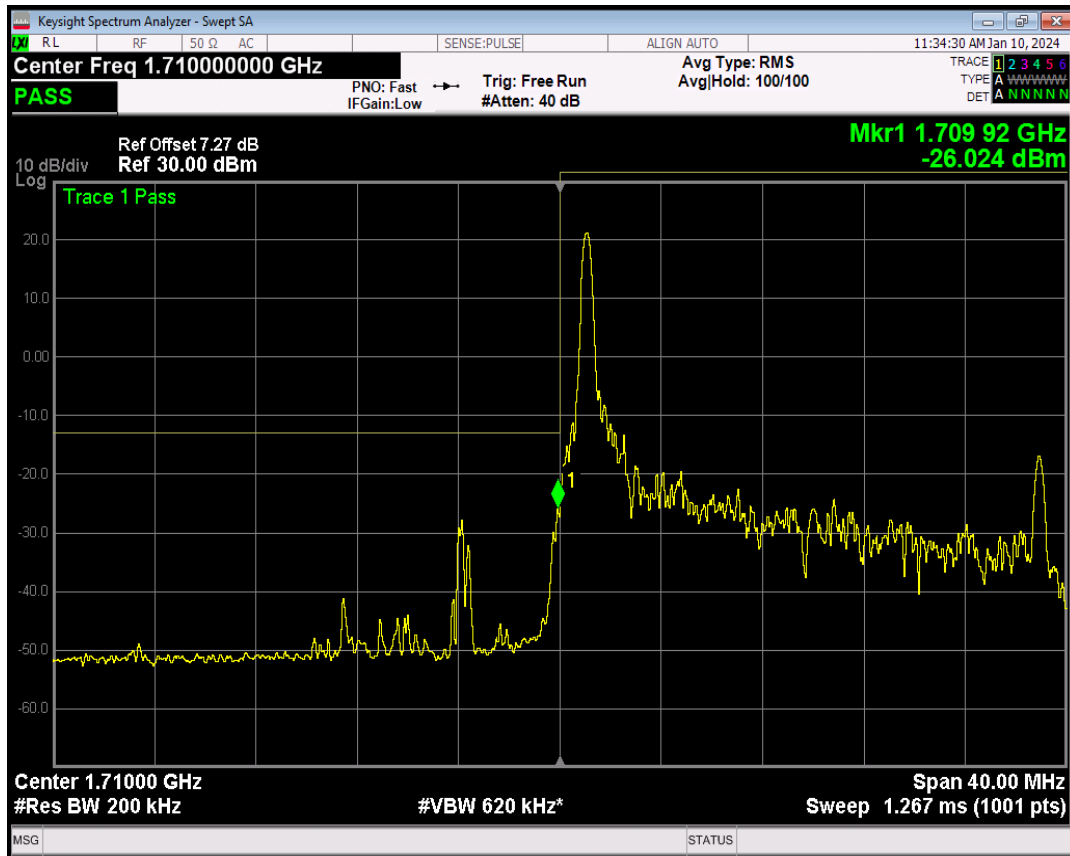
Band66 QPSK BW=20MHz Channel=132072 RB Size=1 Position=#Max



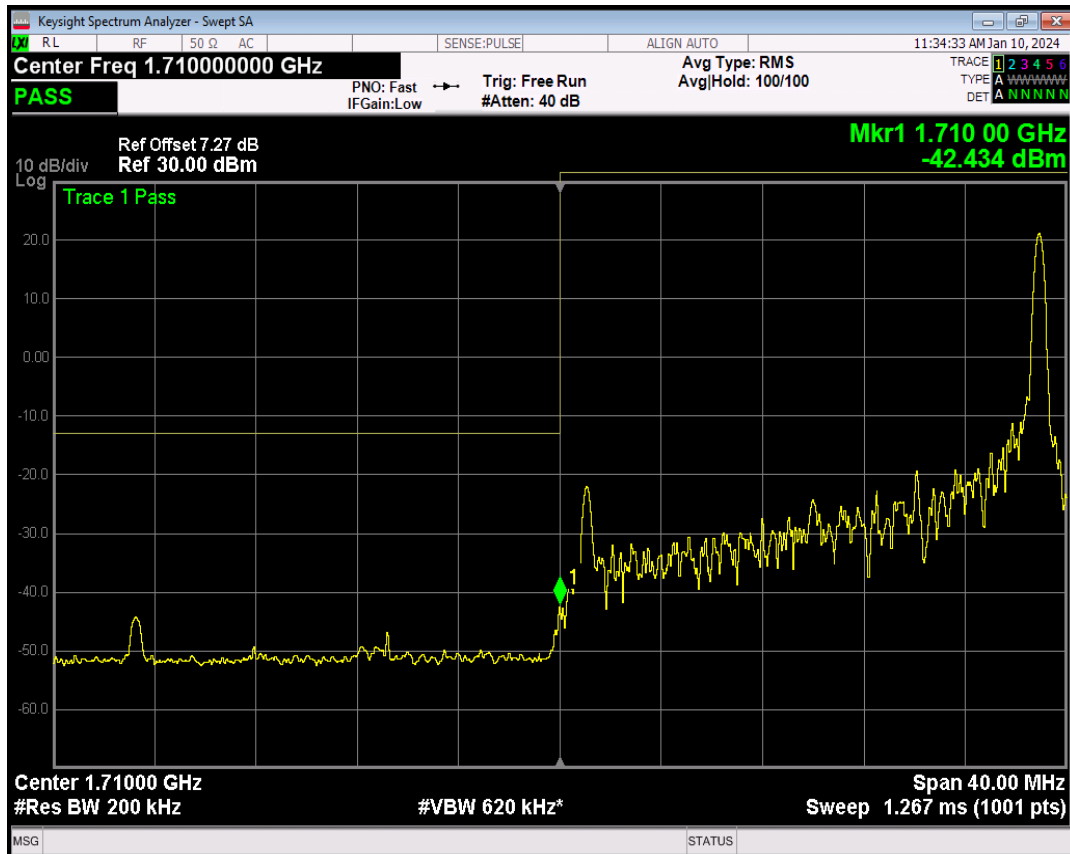
Band66 QPSK BW=20MHz Channel=132072 RB Size=100 Position=#0



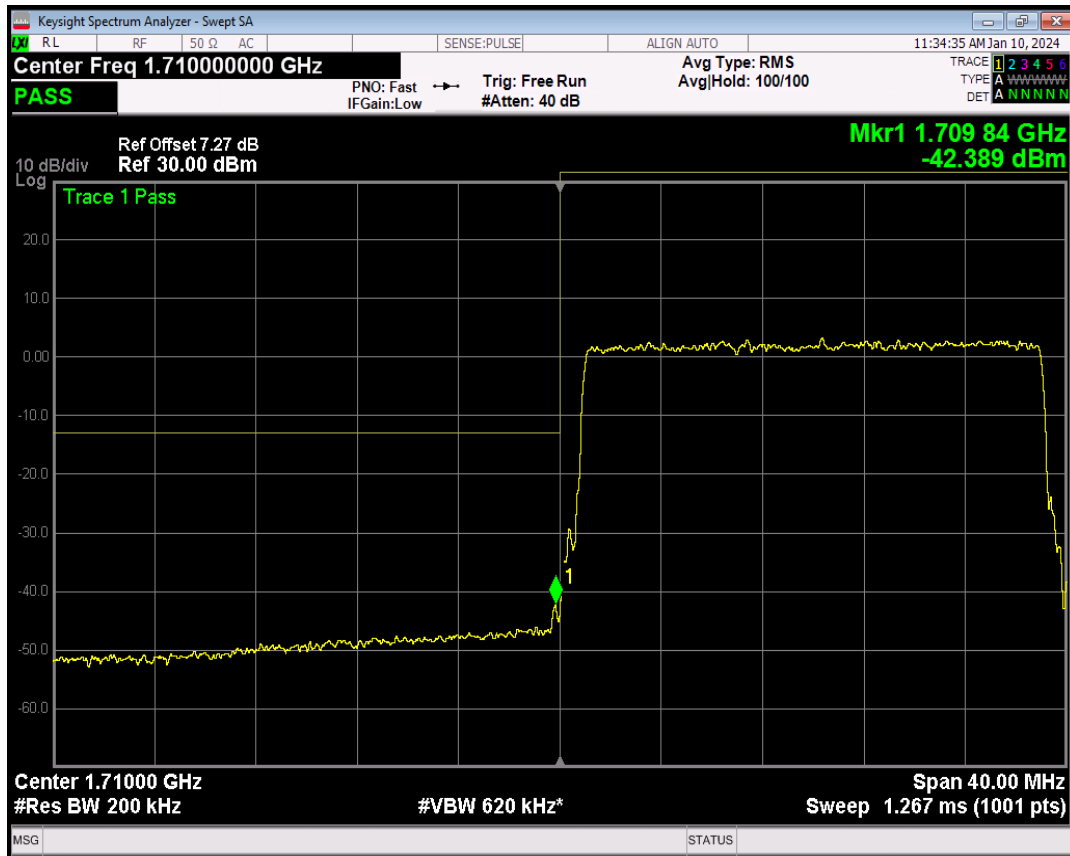
Band66 16QAM BW=20MHz Channel=132072 RB Size=1 Position=#0



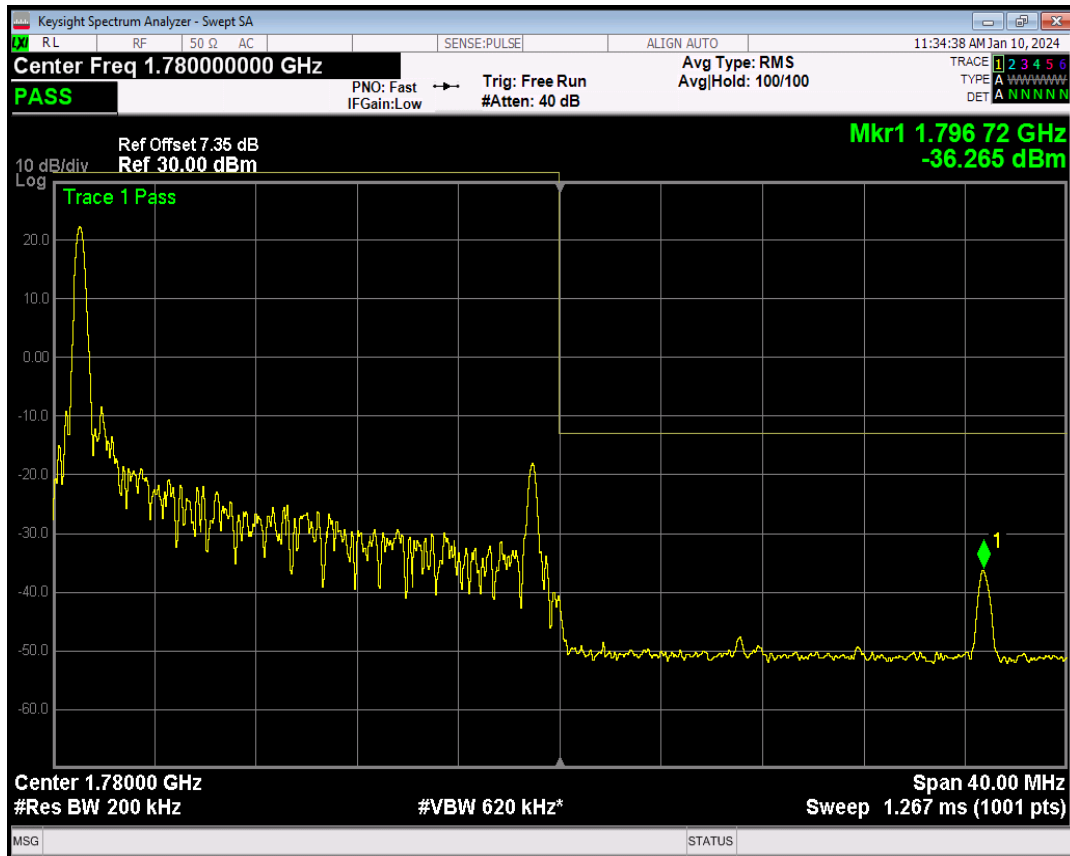
Band66 16QAM BW=20MHz Channel=132072 RB Size=1 Position=#Max



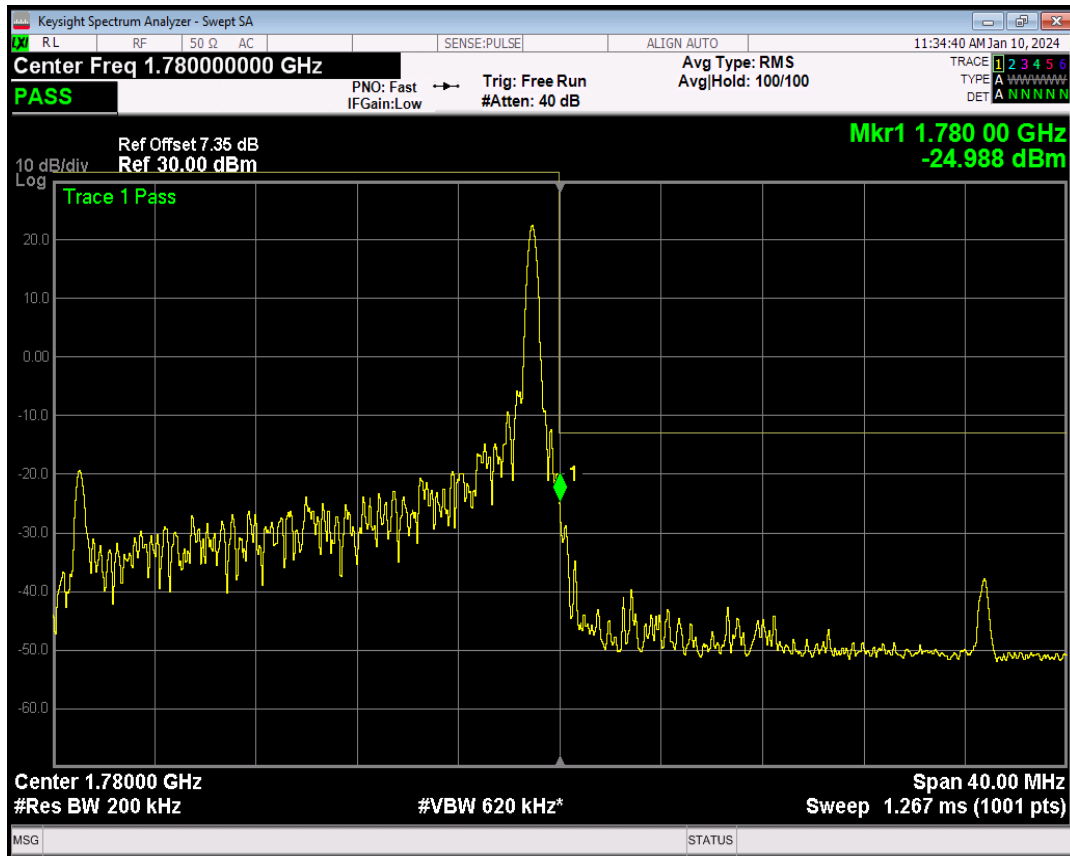
Band66 16QAM BW=20MHz Channel=132072 RB Size=100 Position=#0



Band66 QPSK BW=20MHz Channel=132572 RB Size=1 Position=#0



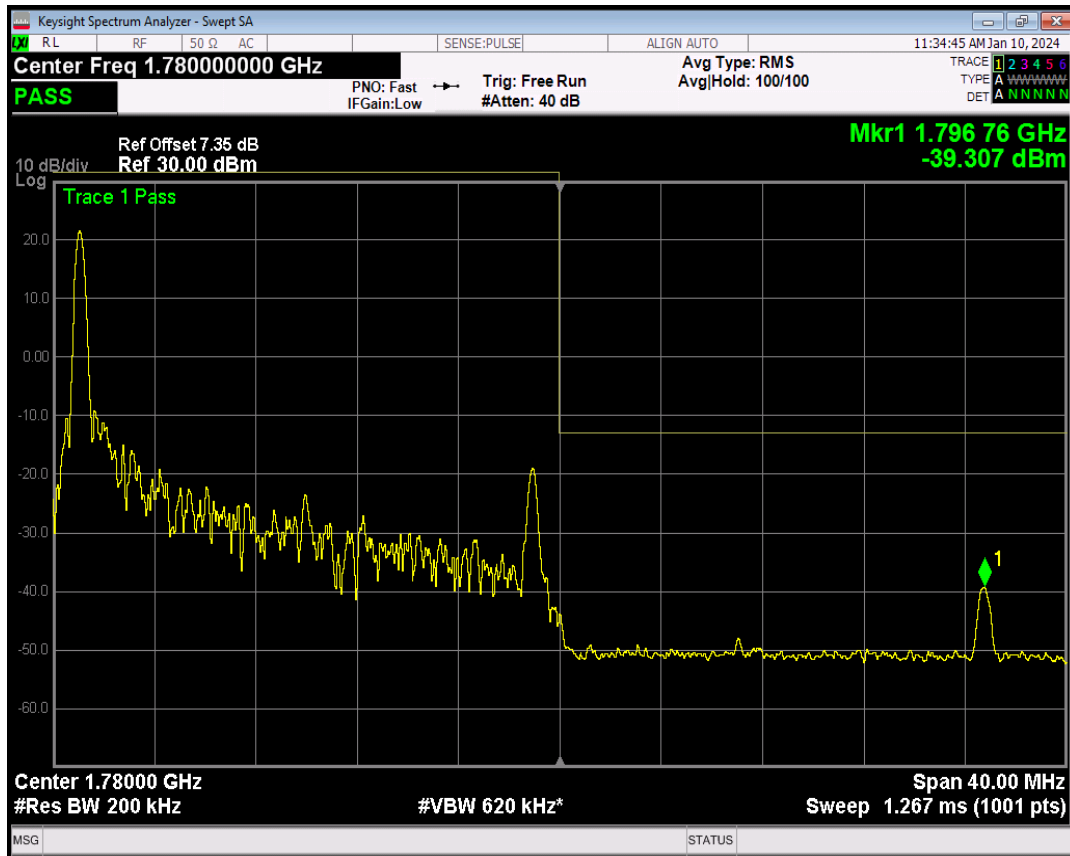
Band66 QPSK BW=20MHz Channel=132572 RB Size=1 Position=#Max



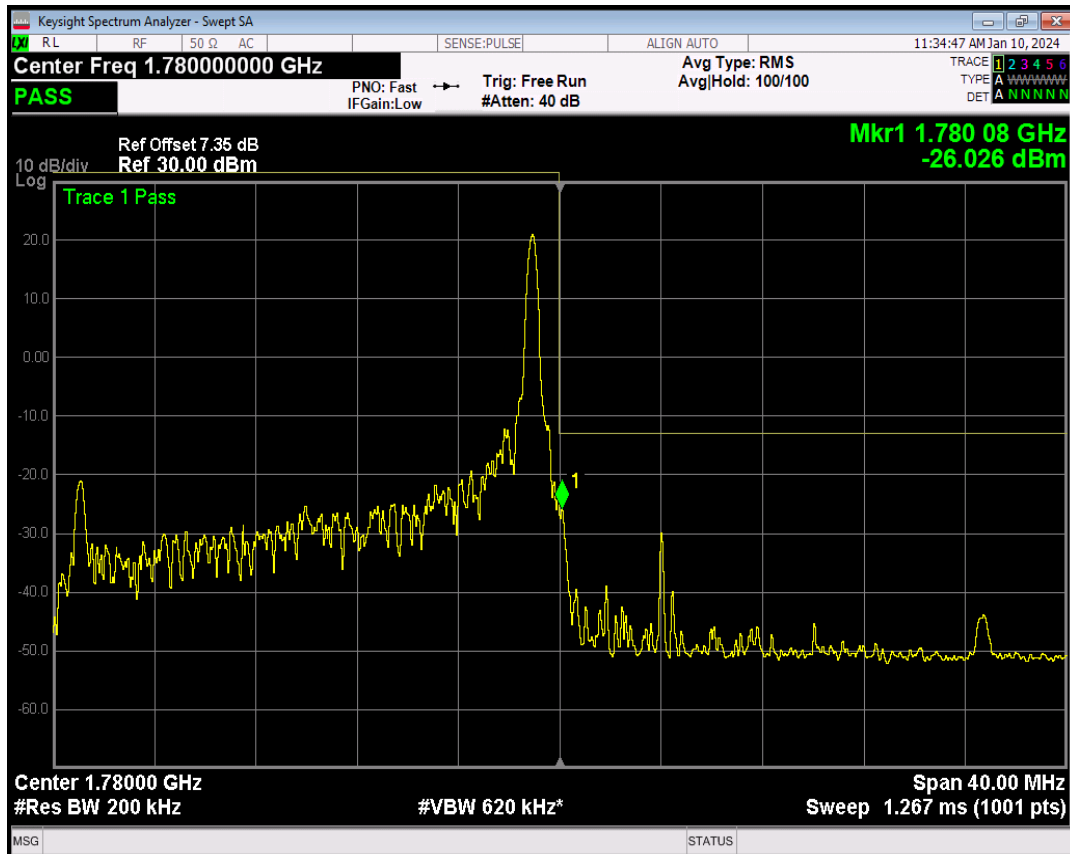
Band66 QPSK BW=20MHz Channel=132572 RB Size=100 Position=#0



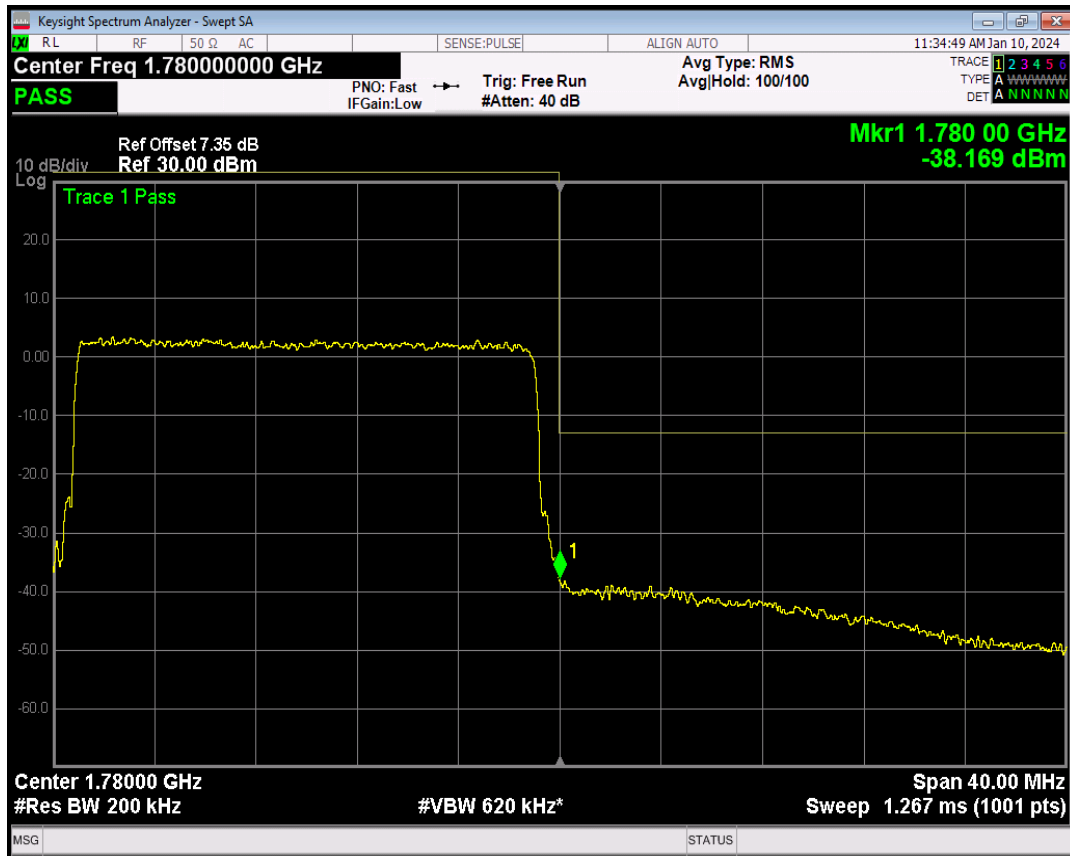
Band66 16QAM BW=20MHz Channel=132572 RB Size=1 Position=#0



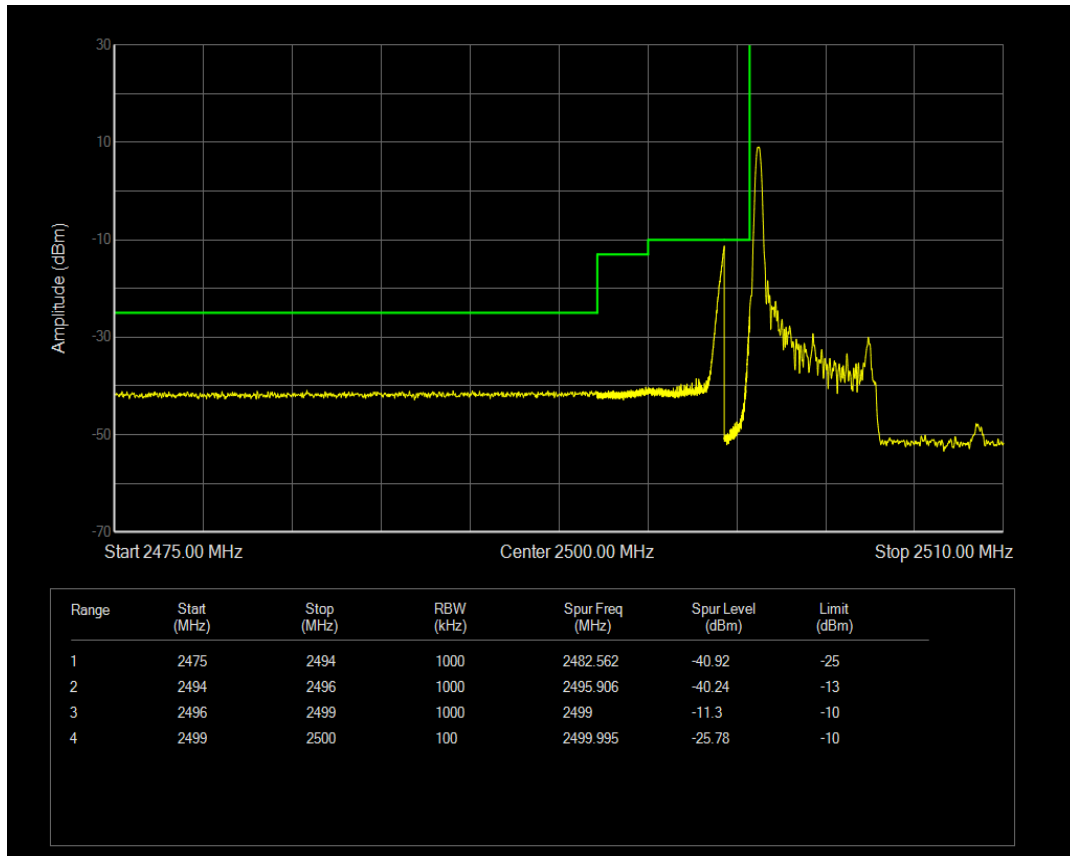
Band66 16QAM BW=20MHz Channel=132572 RB Size=1 Position=#Max



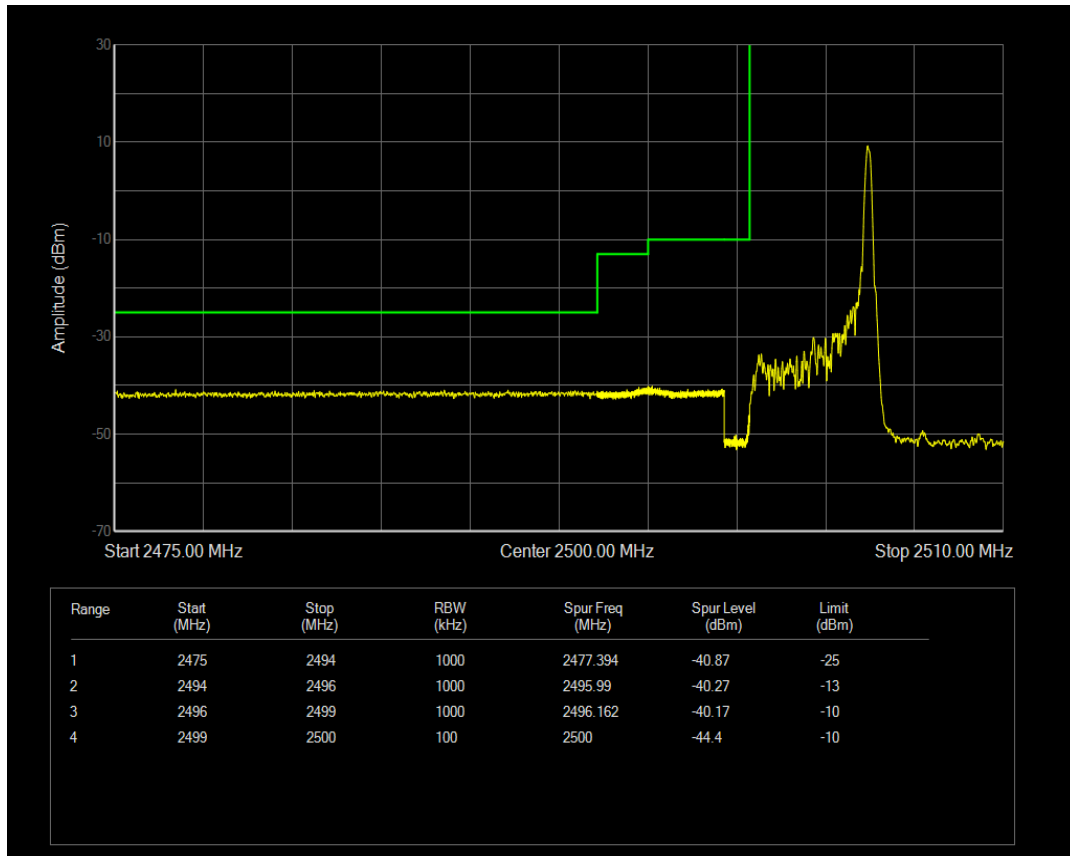
Band66 16QAM BW=20MHz Channel=132572 RB Size=100 Position=#0



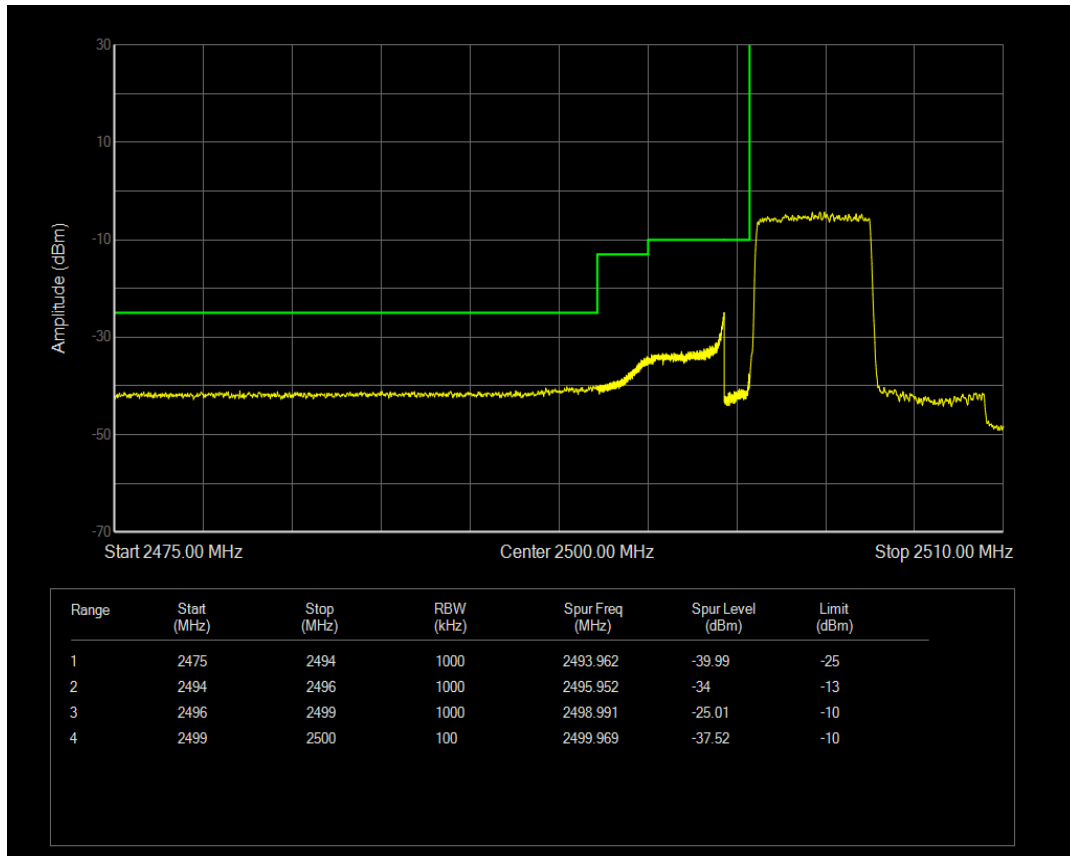
Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0



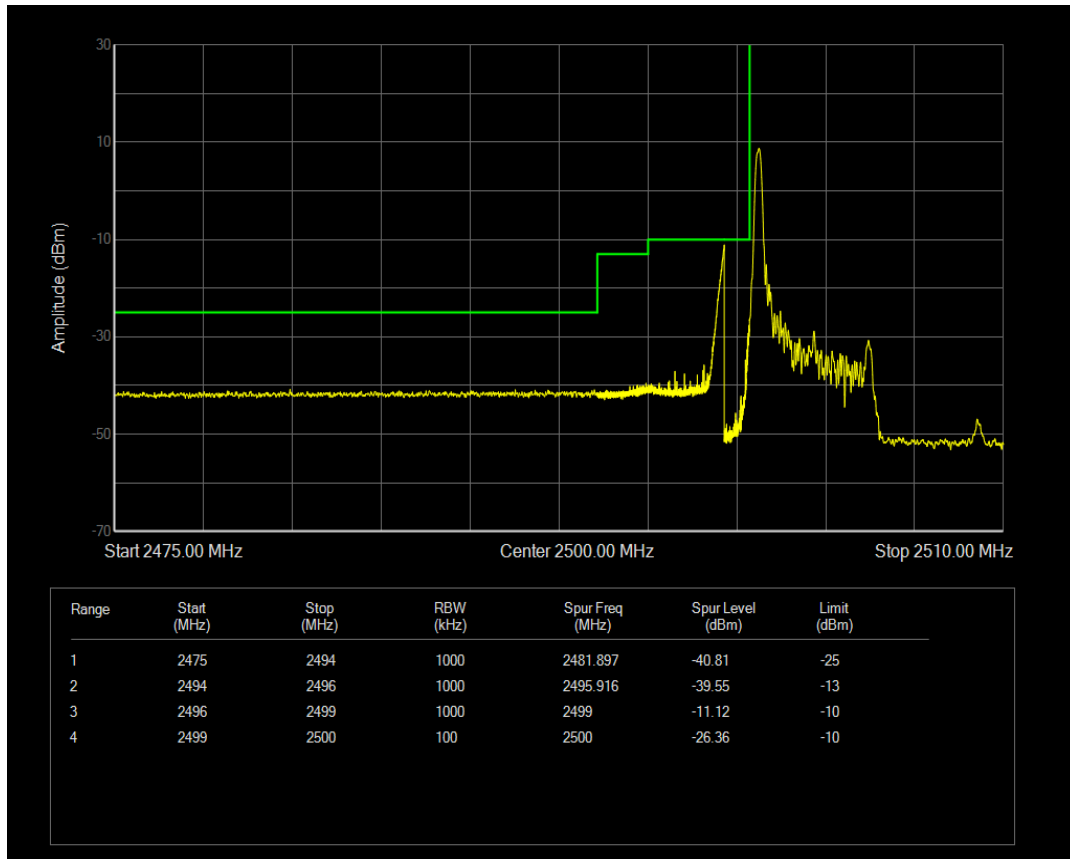
Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#Max



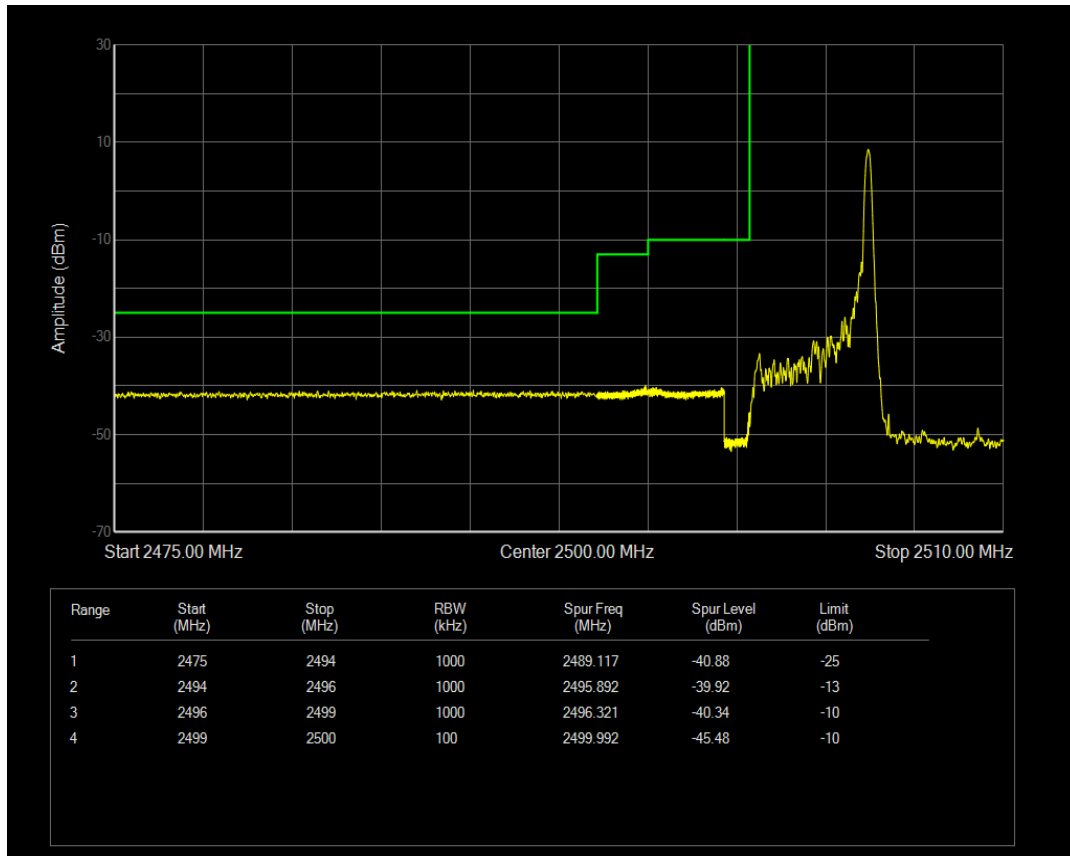
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



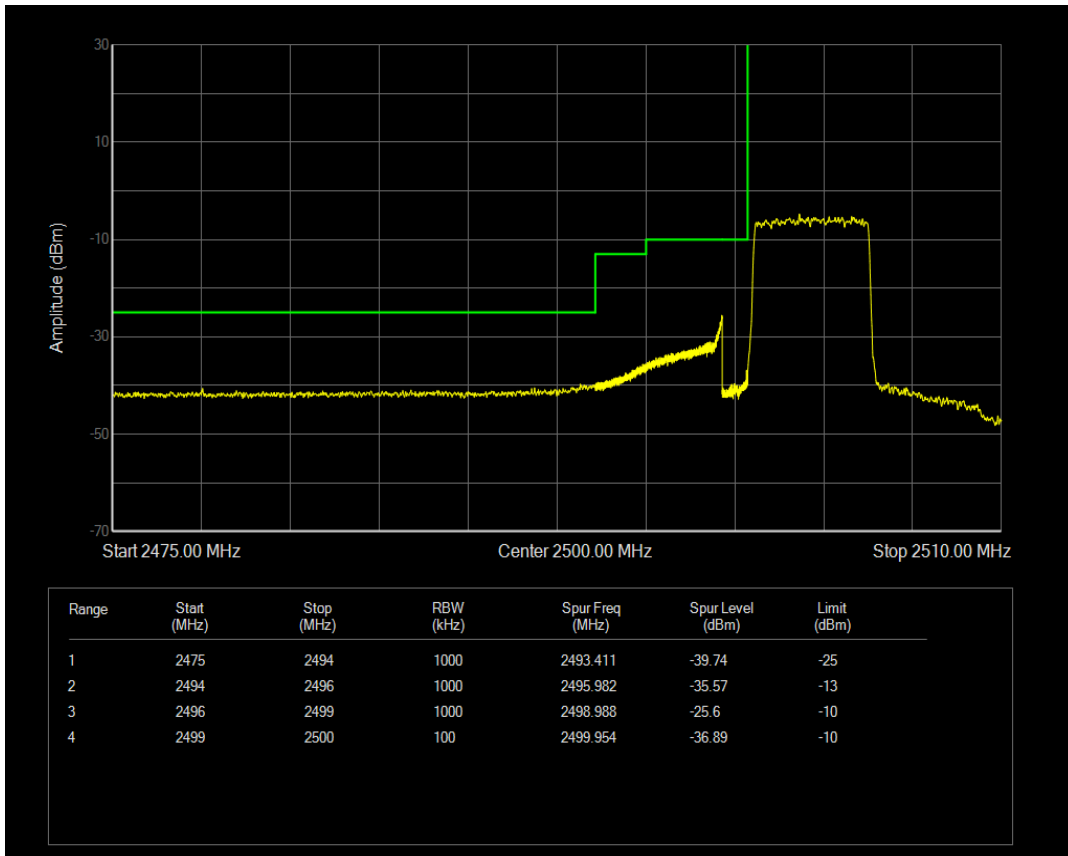
Band7 16QAM BW=5MHz Channel=20775 RB Size=1 Position=#0



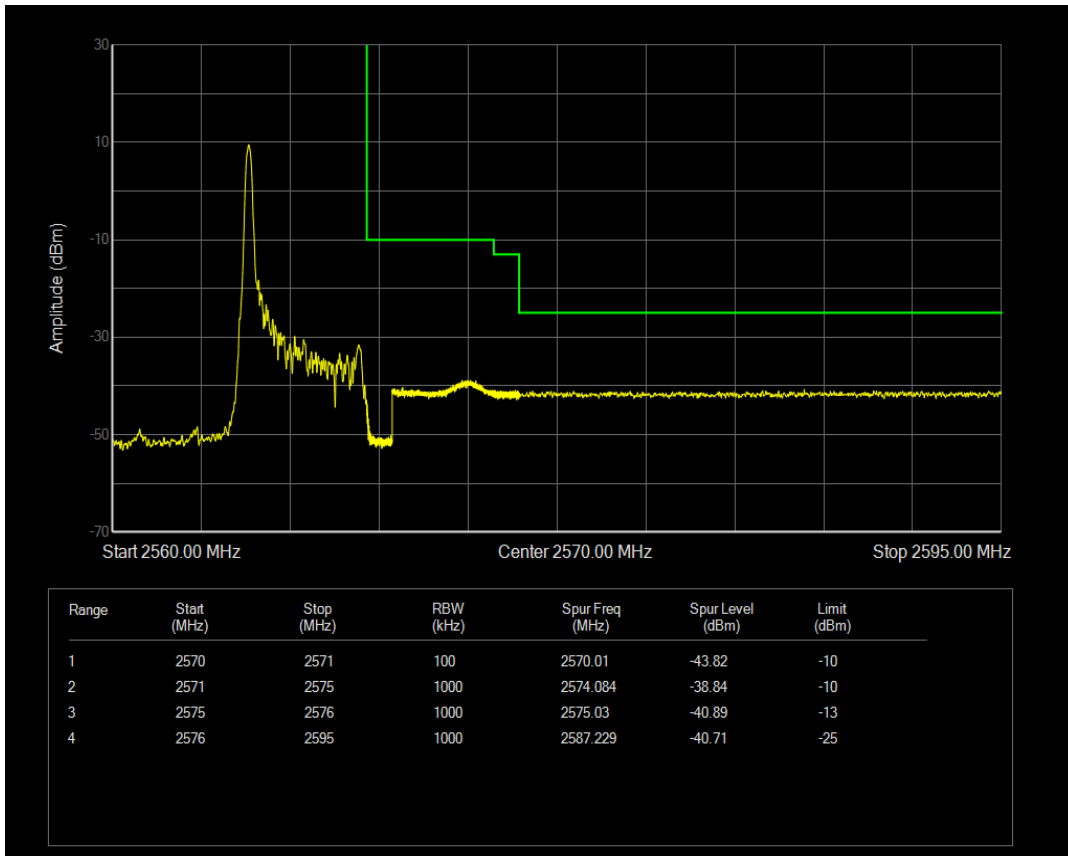
Band7 16QAM BW=5MHz Channel=20775 RB Size=1 Position=#Max



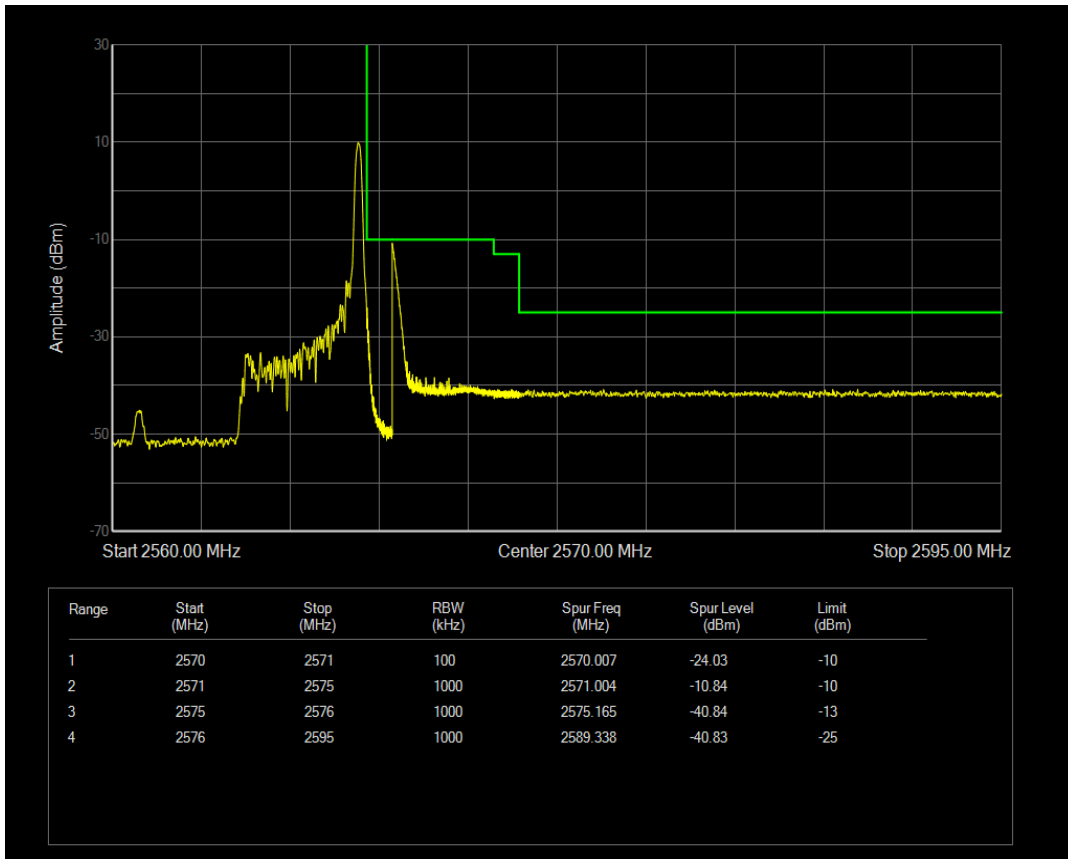
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



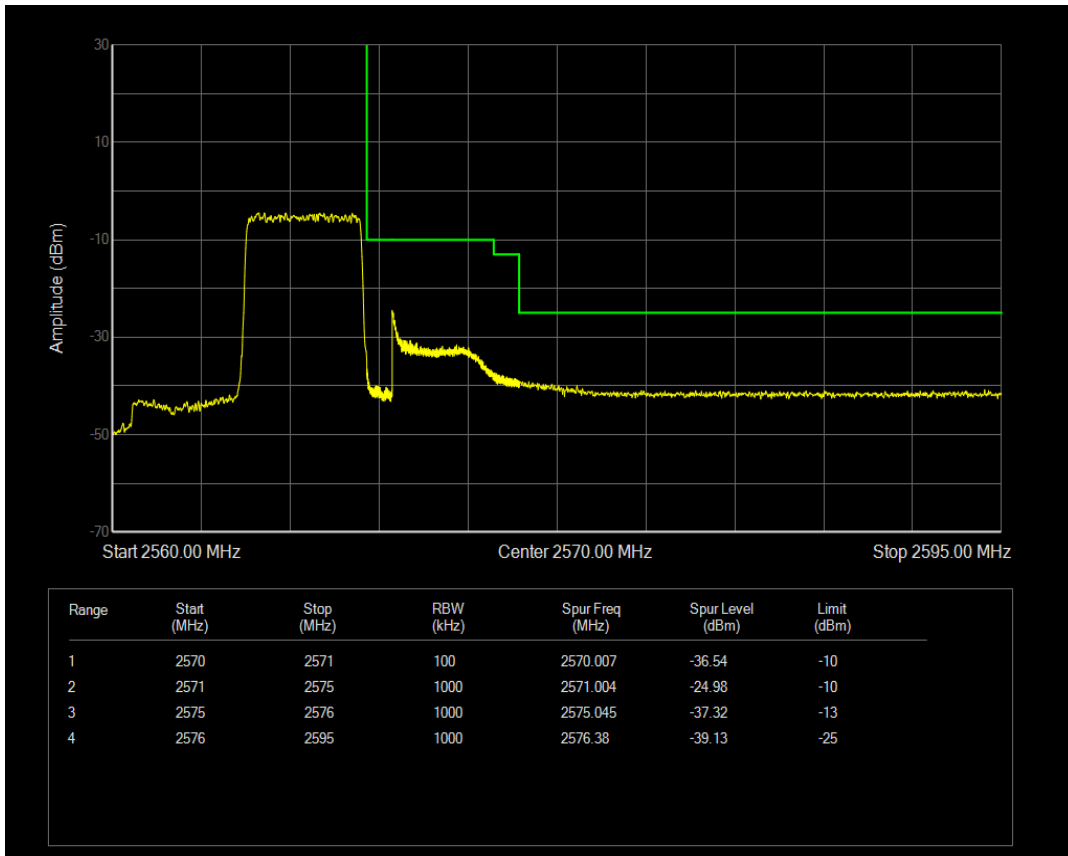
Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0



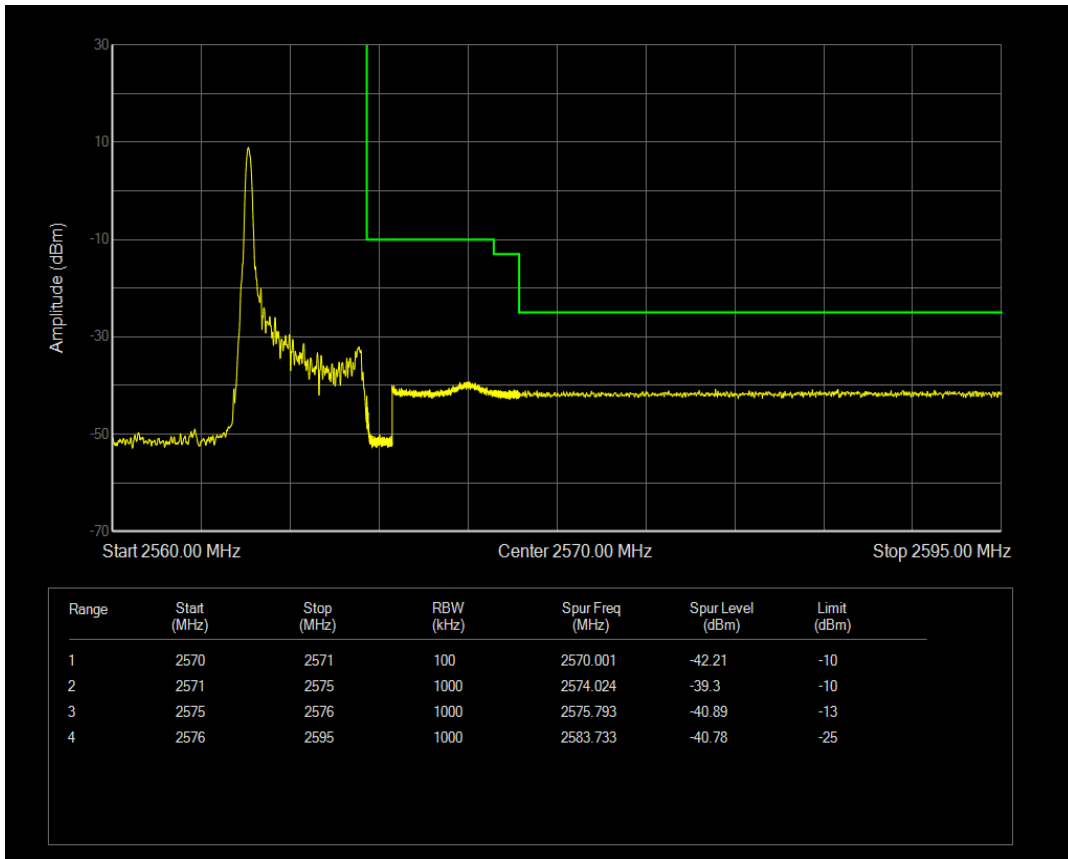
Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#Max



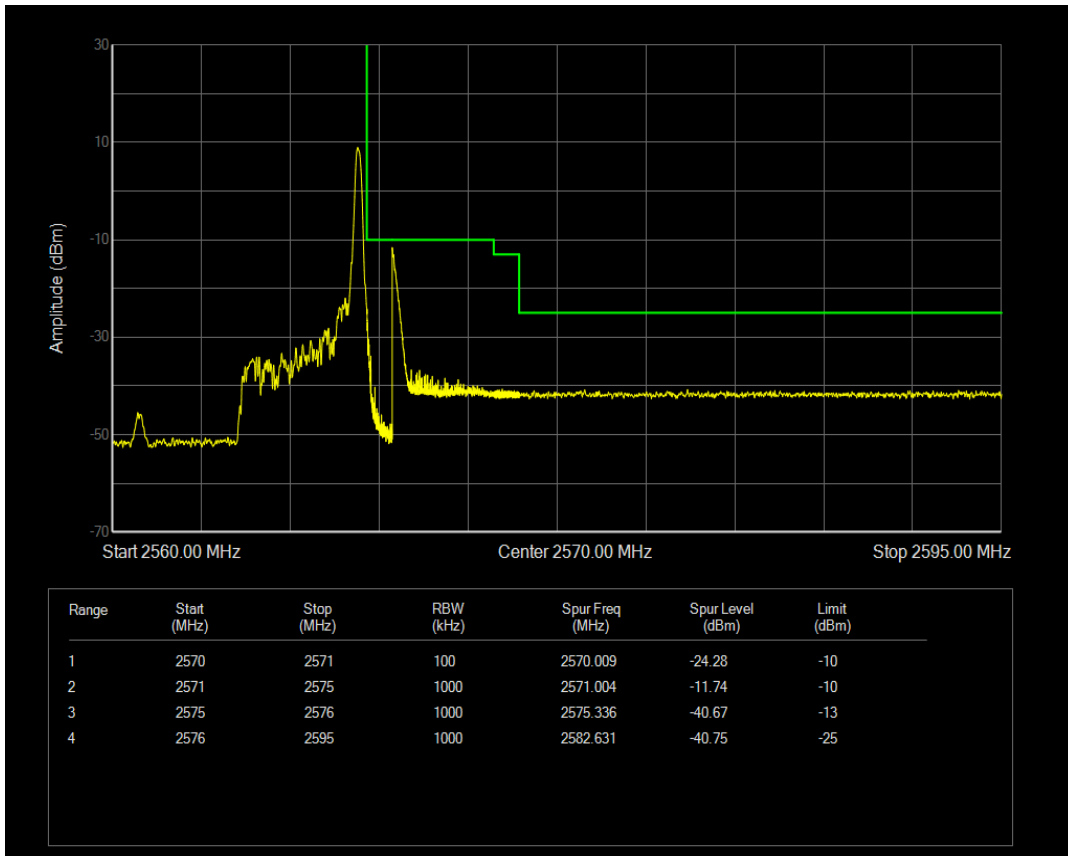
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



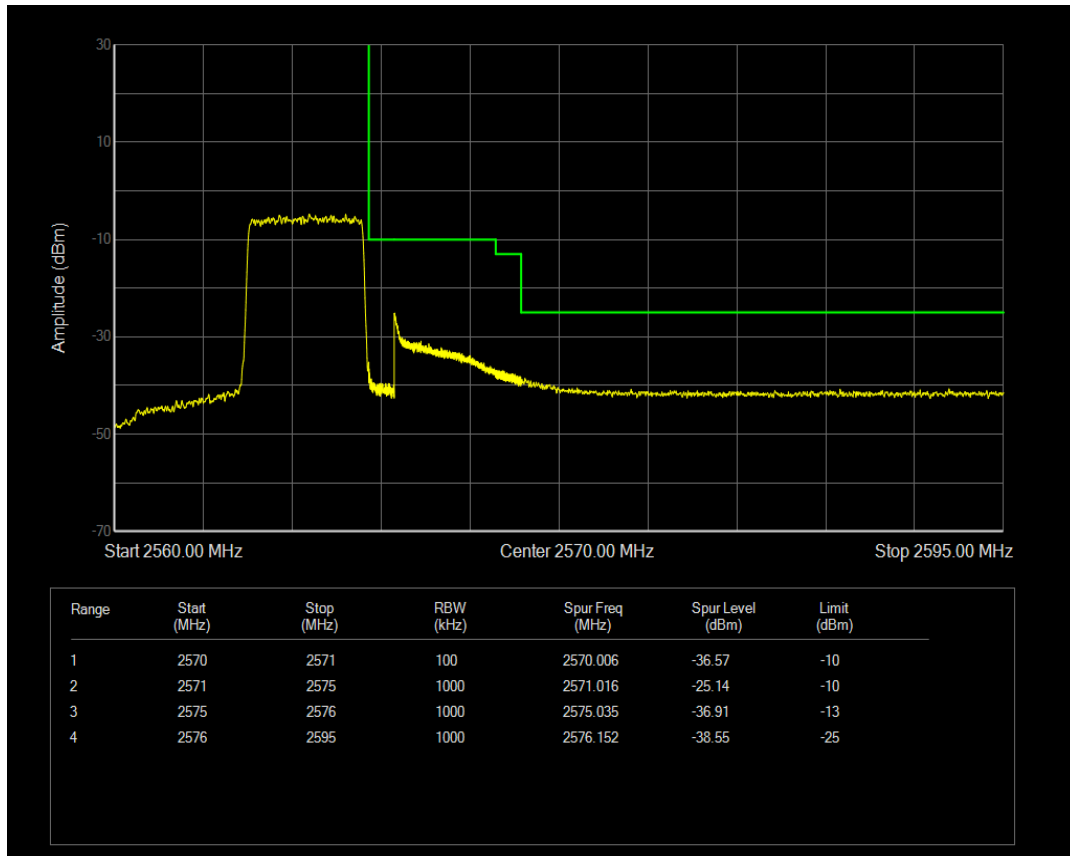
Band7 16QAM BW=5MHz Channel=21425 RB Size=1 Position=#0



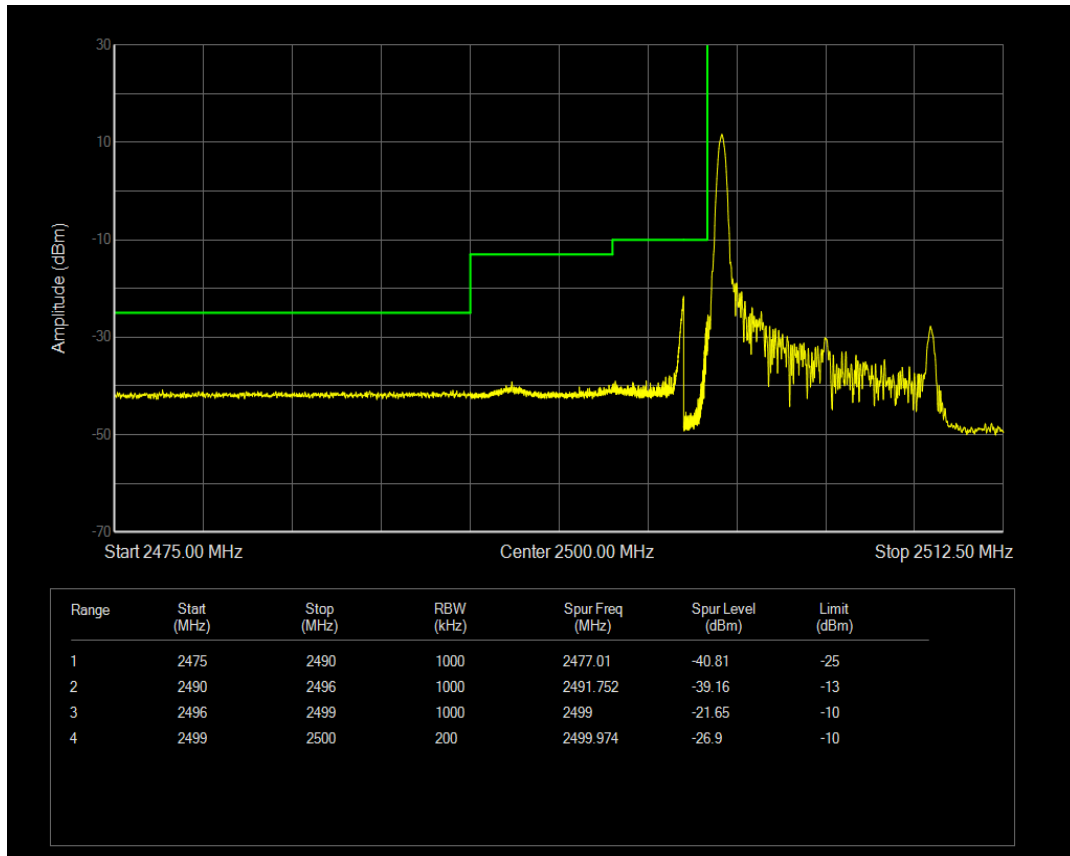
Band7 16QAM BW=5MHz Channel=21425 RB Size=1 Position=#Max



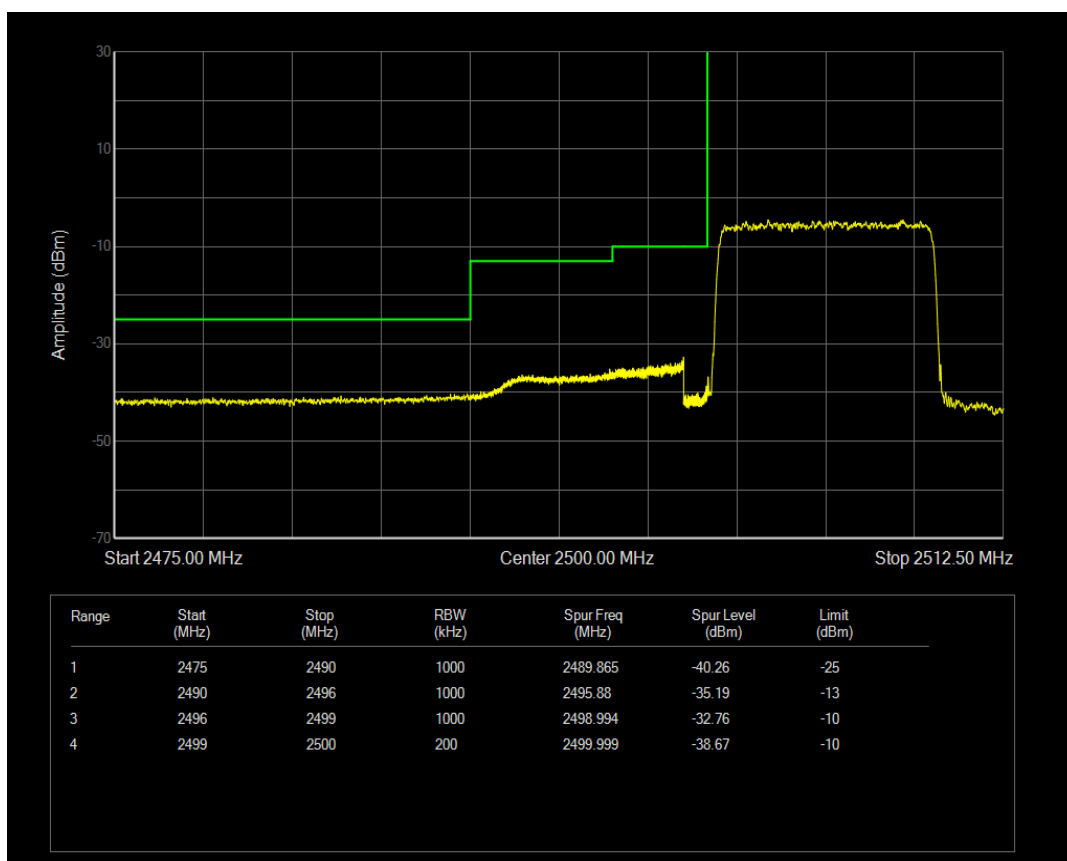
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



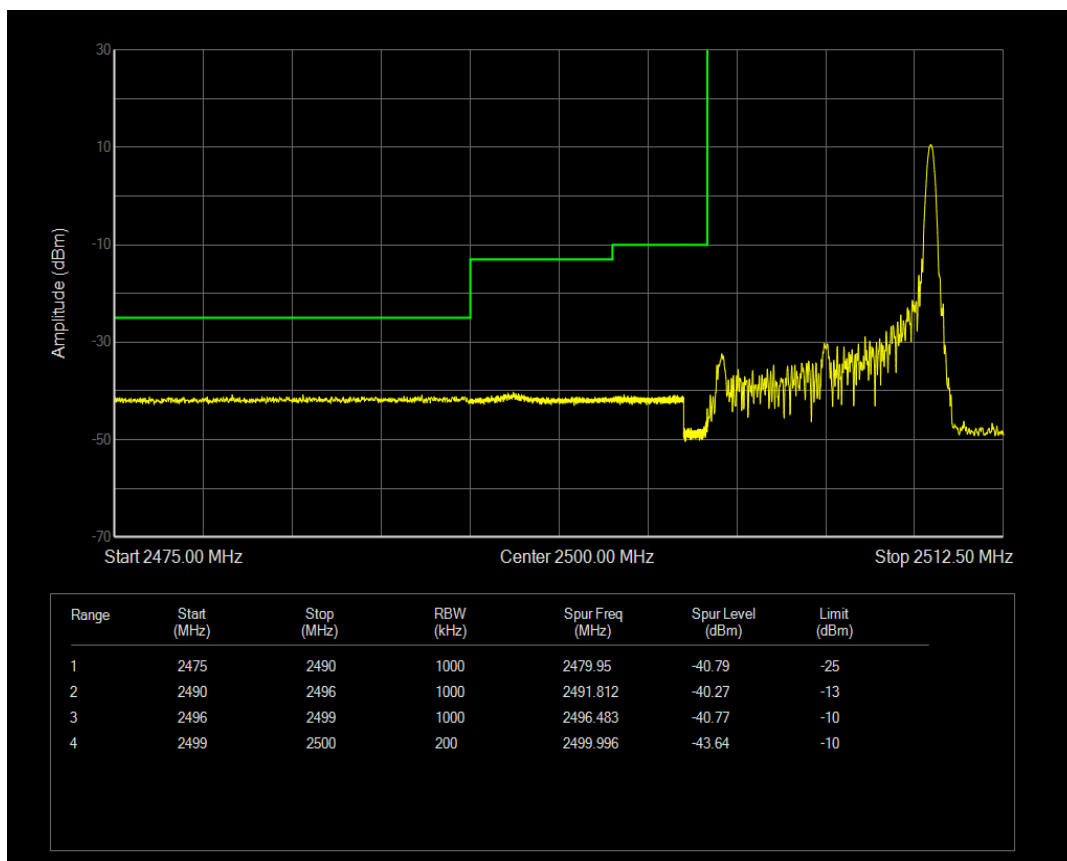
Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0



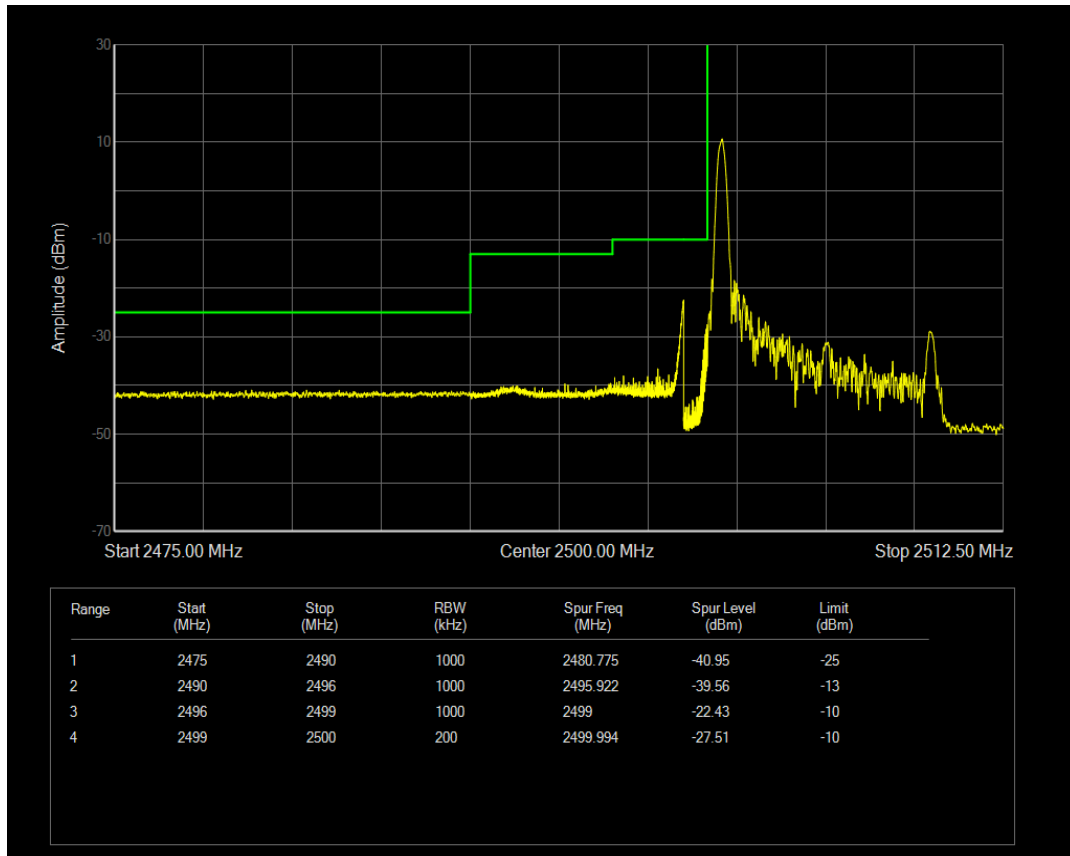
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



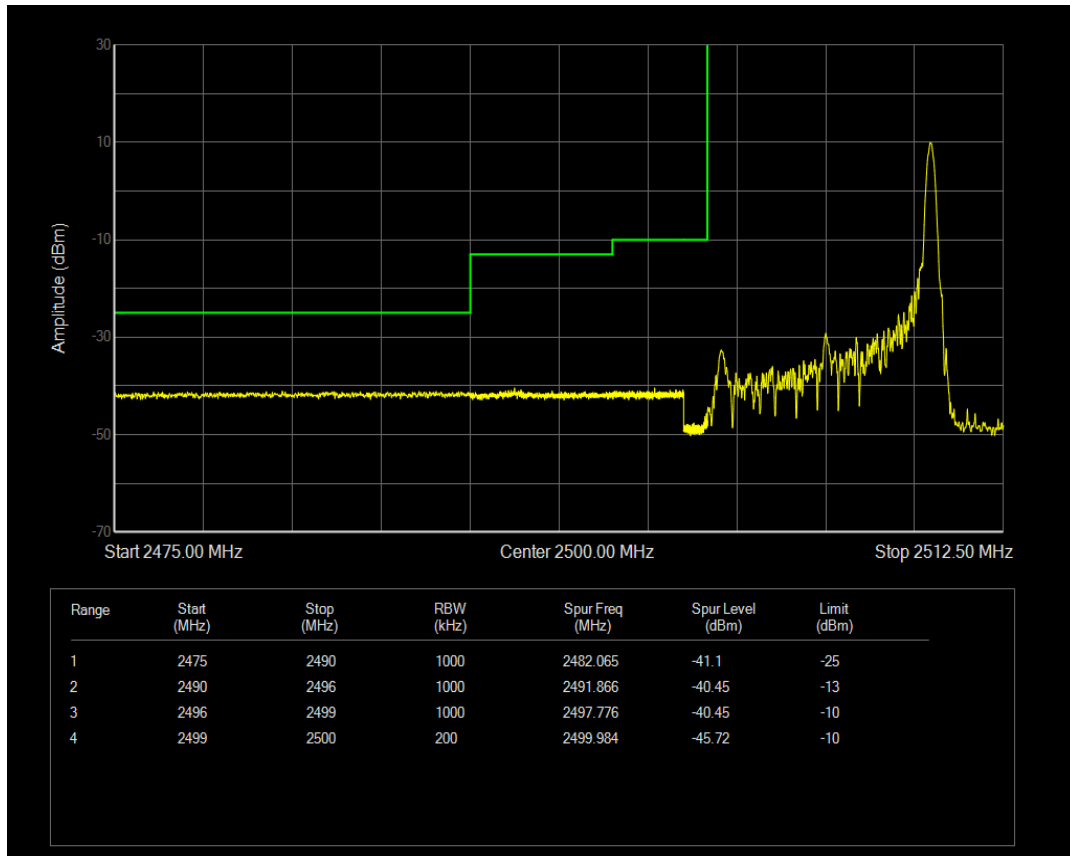
Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#Max



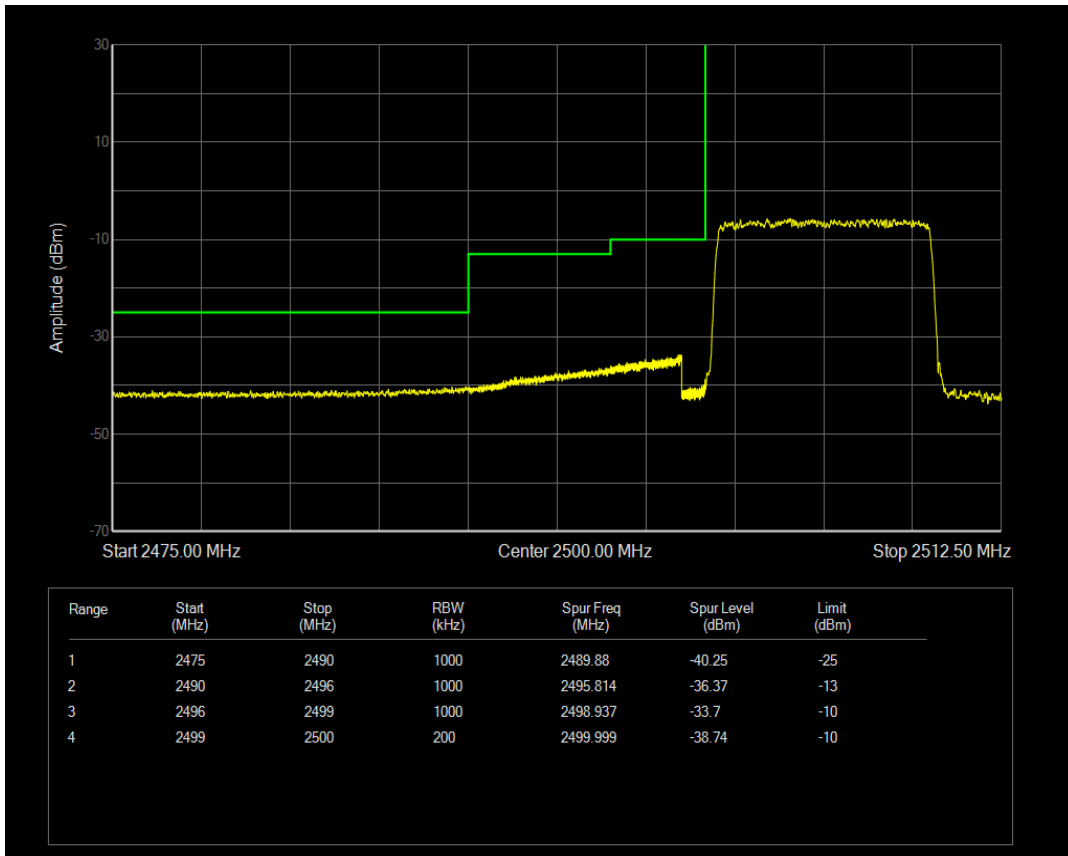
Band7 16QAM BW=10MHz Channel=20800 RB Size=1 Position=#0



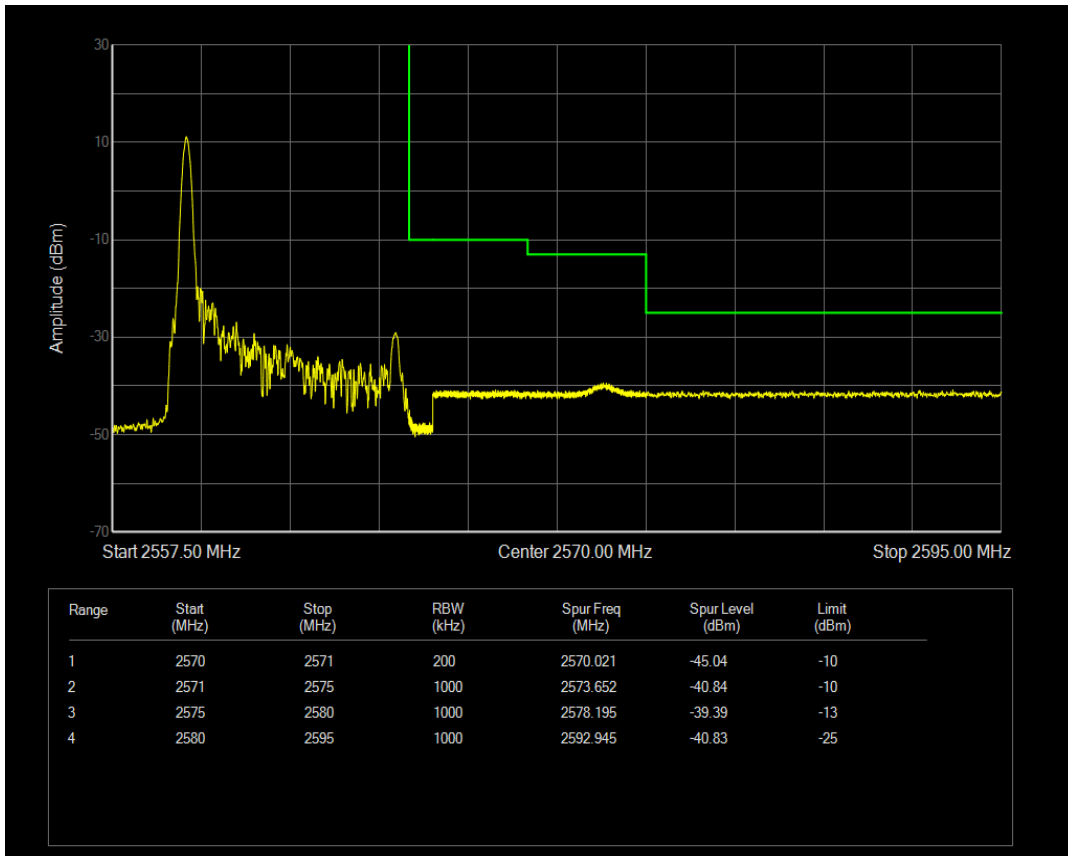
Band7 16QAM BW=10MHz Channel=20800 RB Size=1 Position=#Max



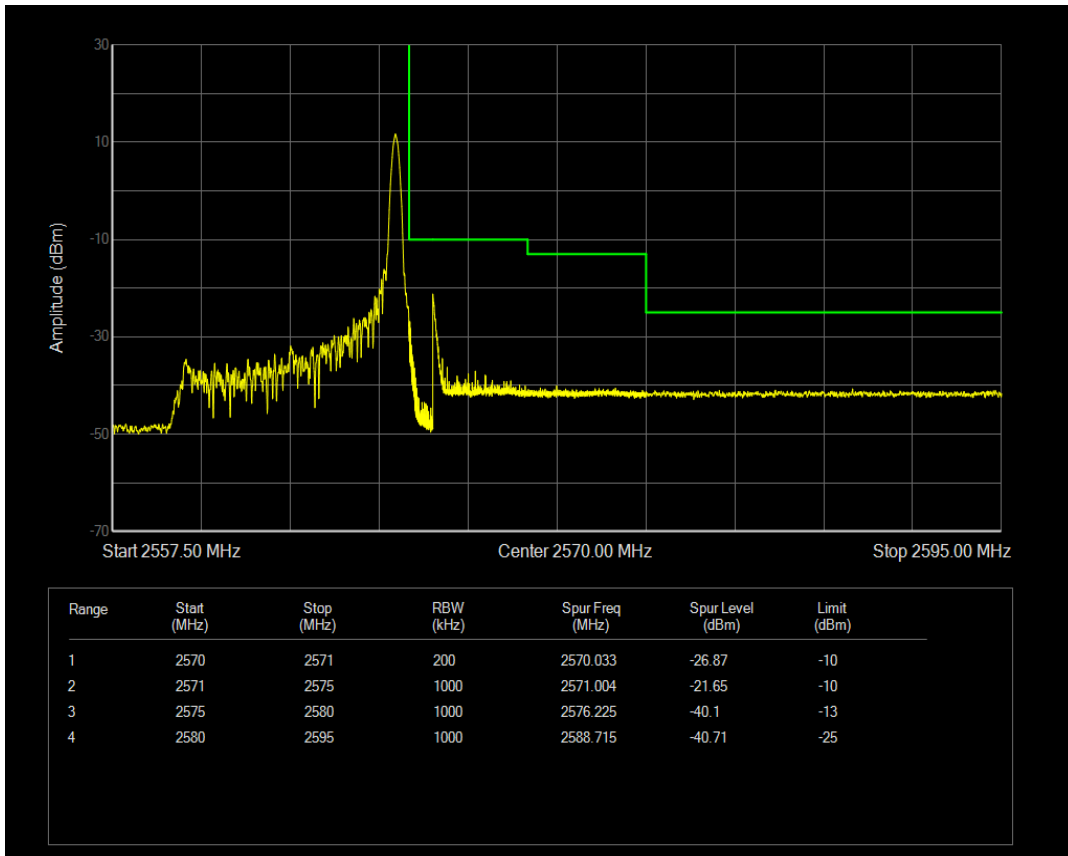
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0



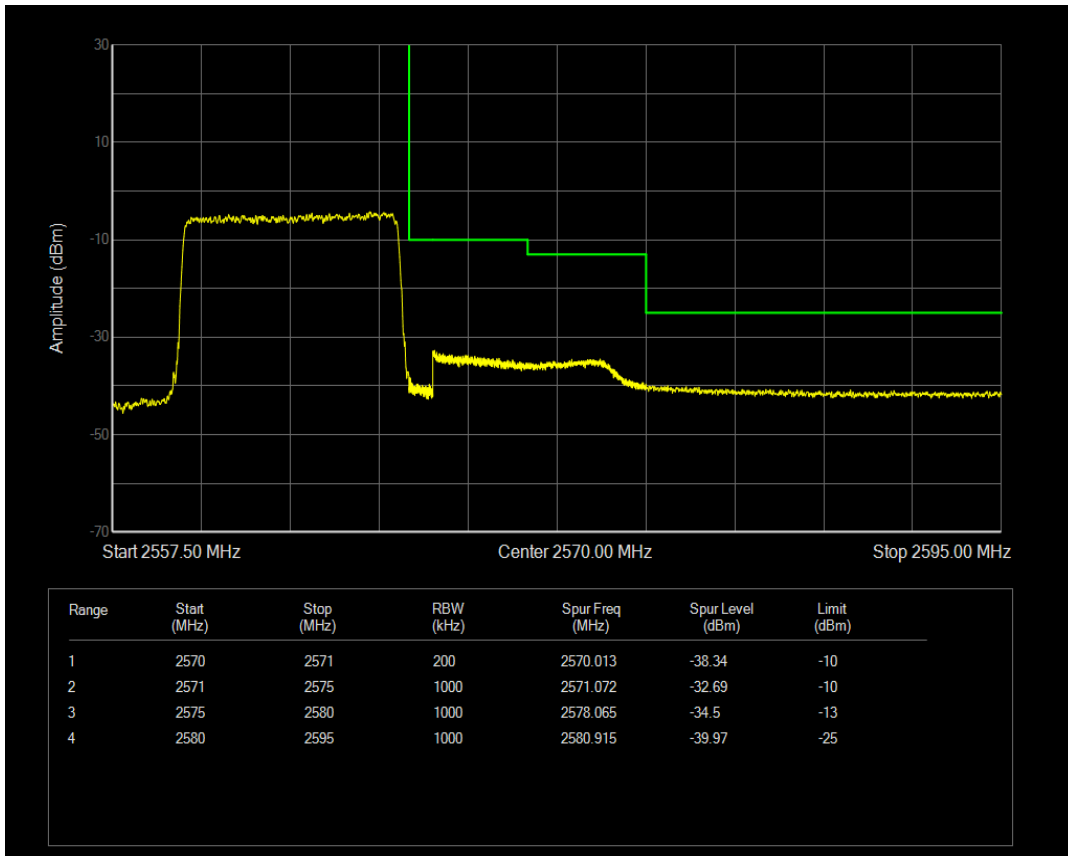
Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#0



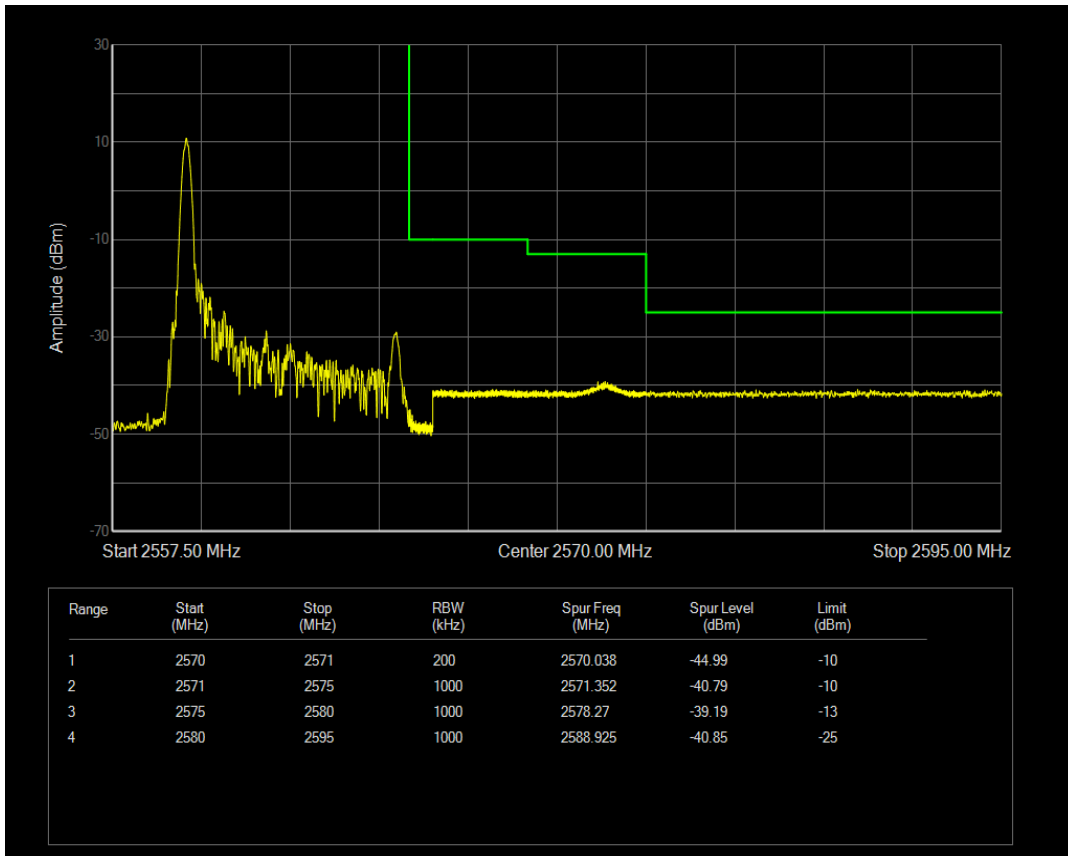
Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#Max



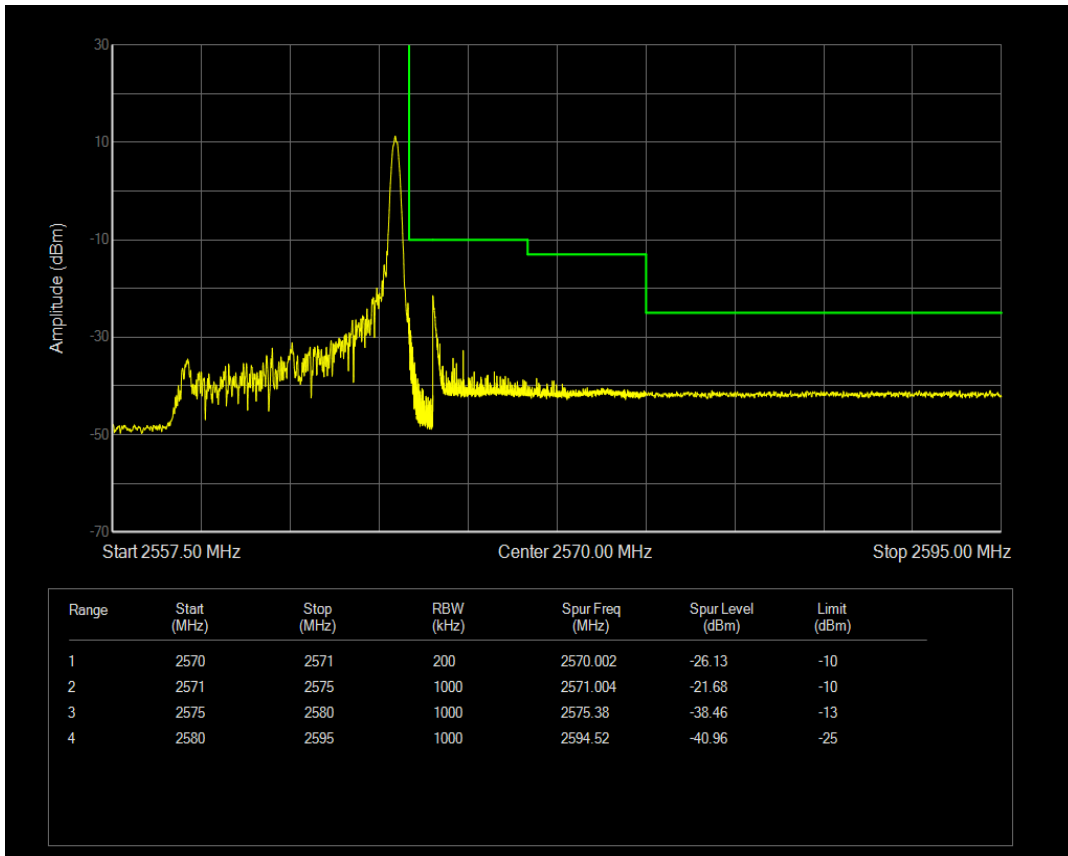
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



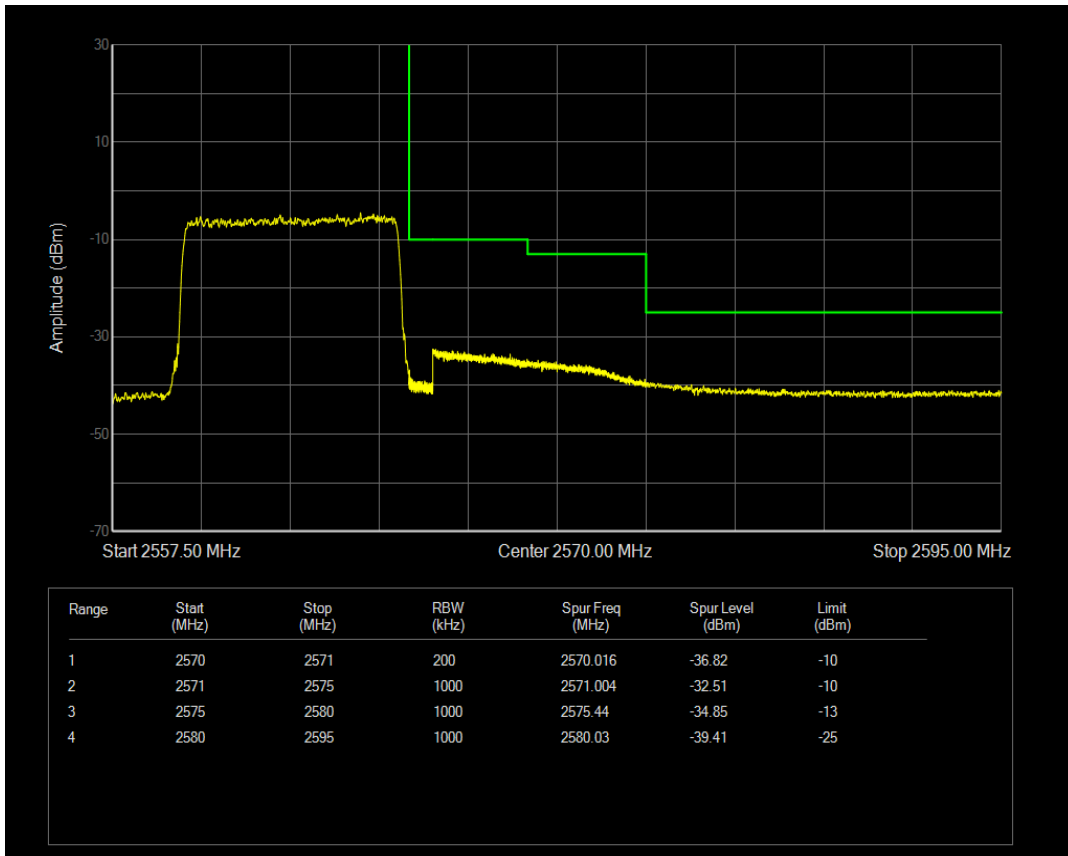
Band7 16QAM BW=10MHz Channel=21400 RB Size=1 Position=#0



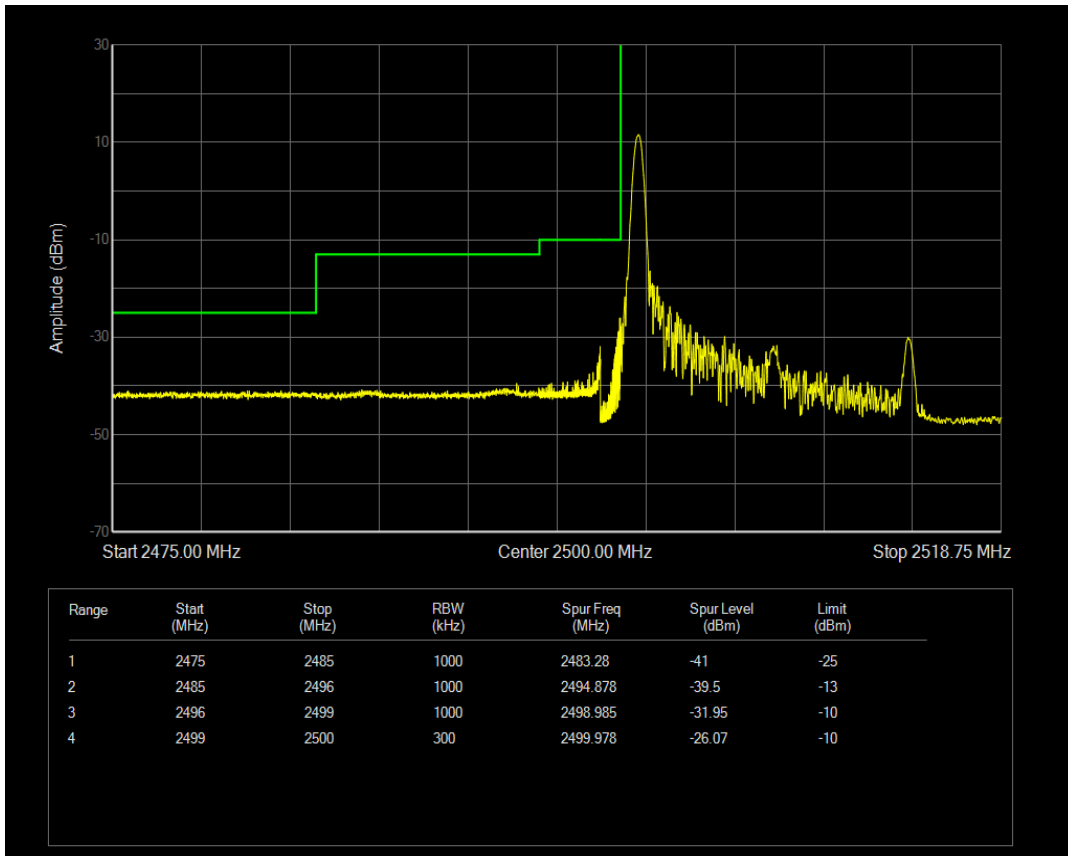
Band7 16QAM BW=10MHz Channel=21400 RB Size=1 Position=#Max



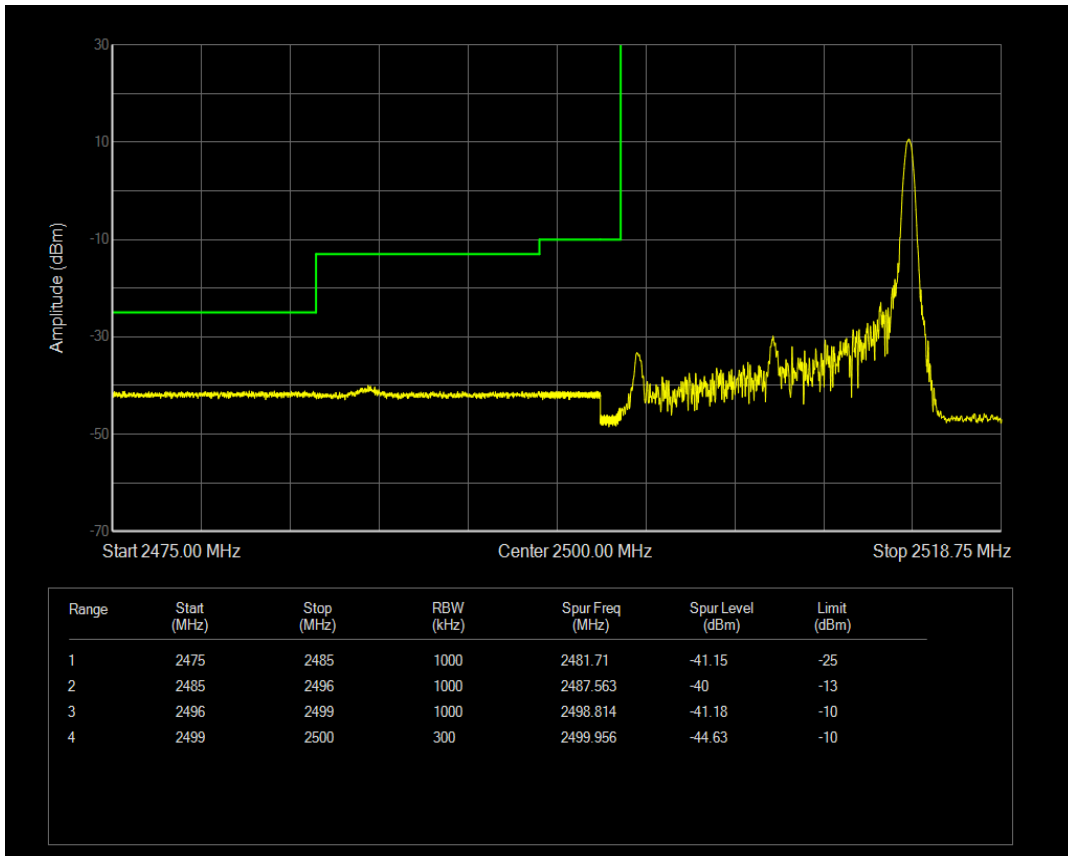
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0



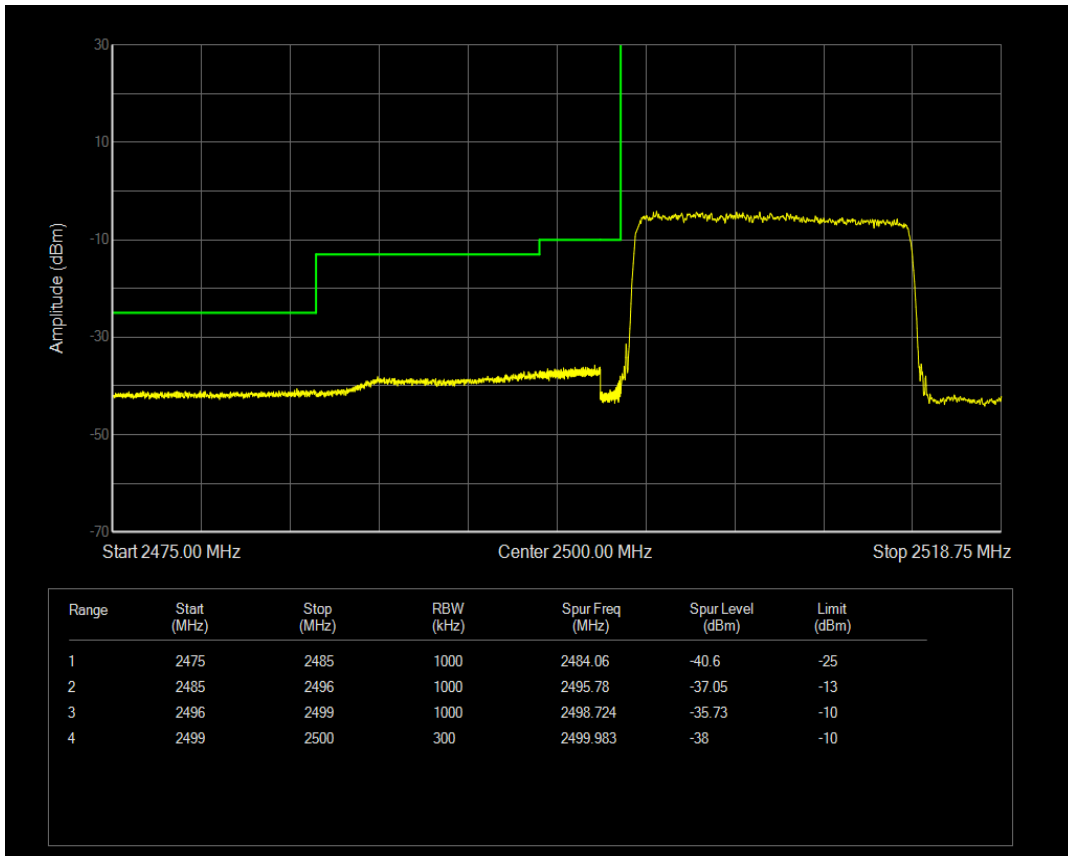
Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0



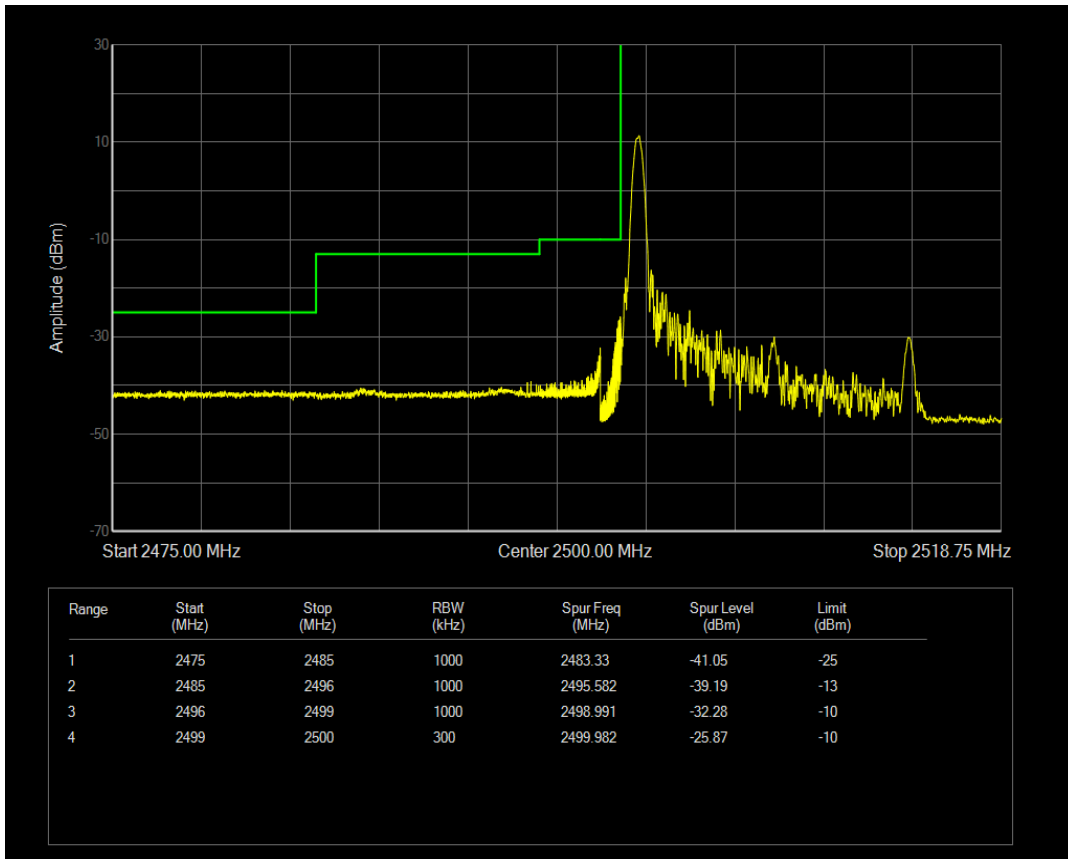
Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#Max



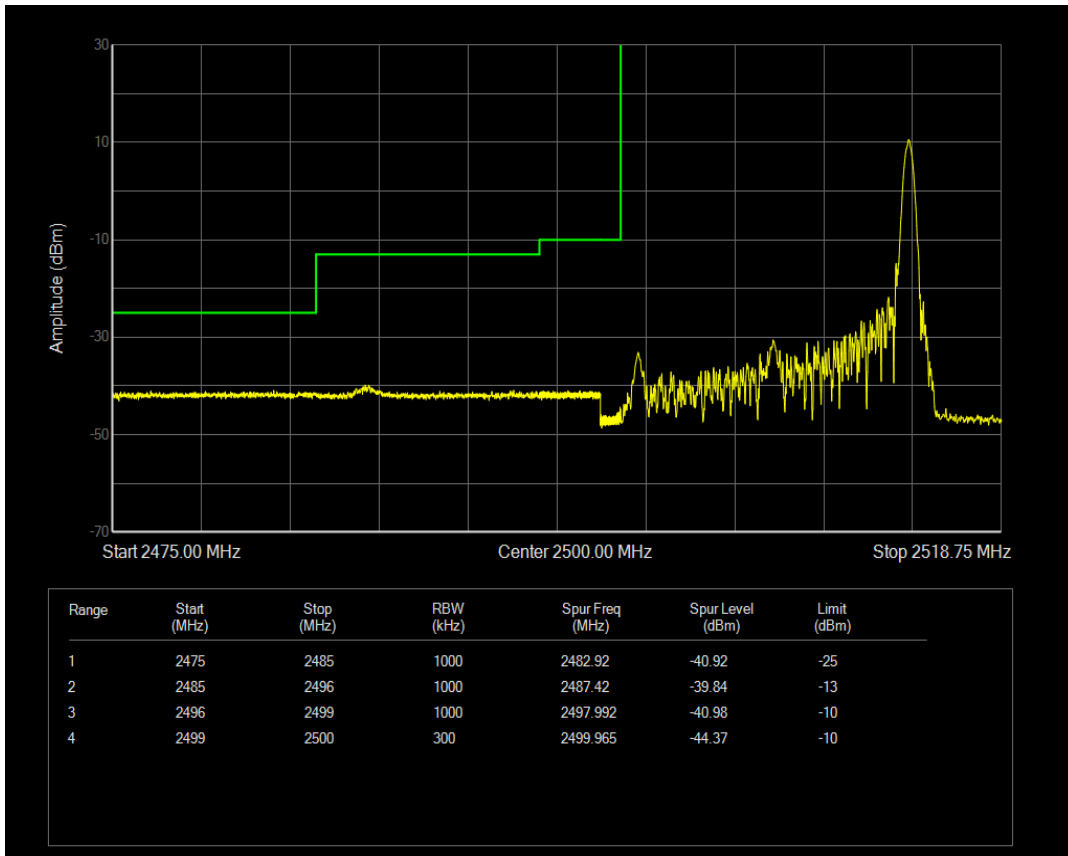
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



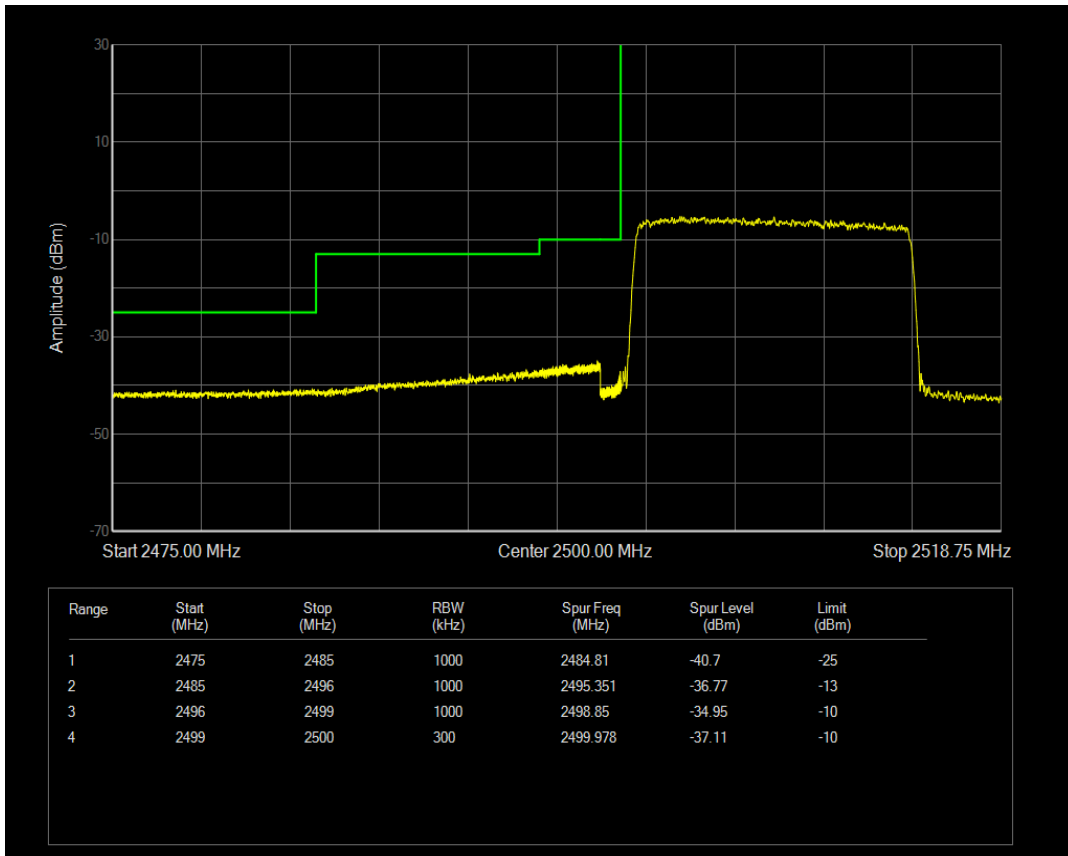
Band7 16QAM BW=15MHz Channel=20825 RB Size=1 Position=#0



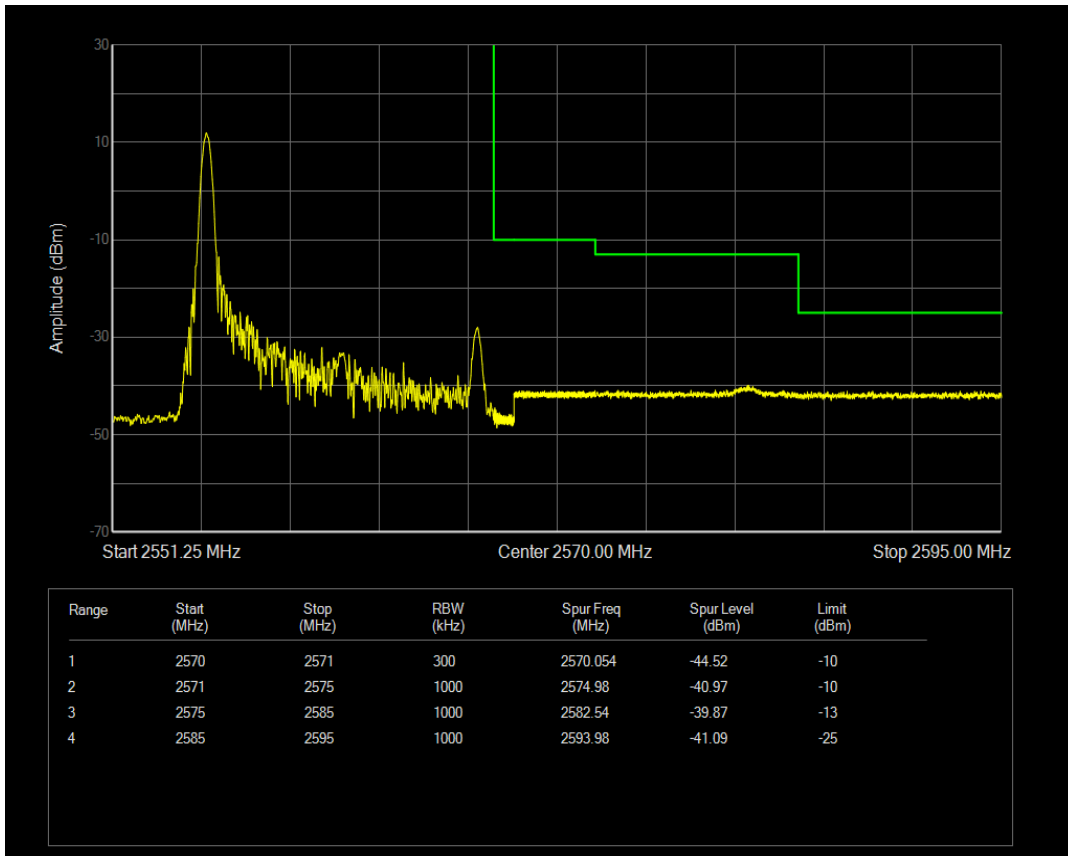
Band7 16QAM BW=15MHz Channel=20825 RB Size=1 Position=#Max



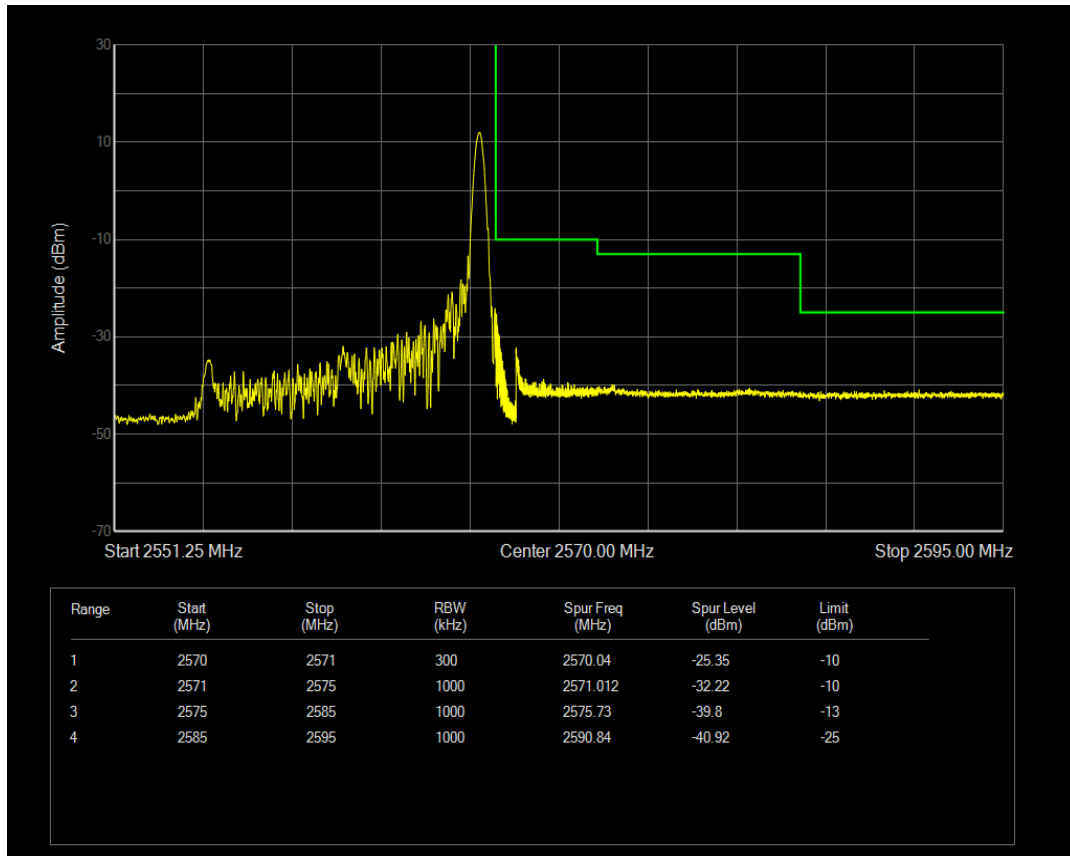
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0



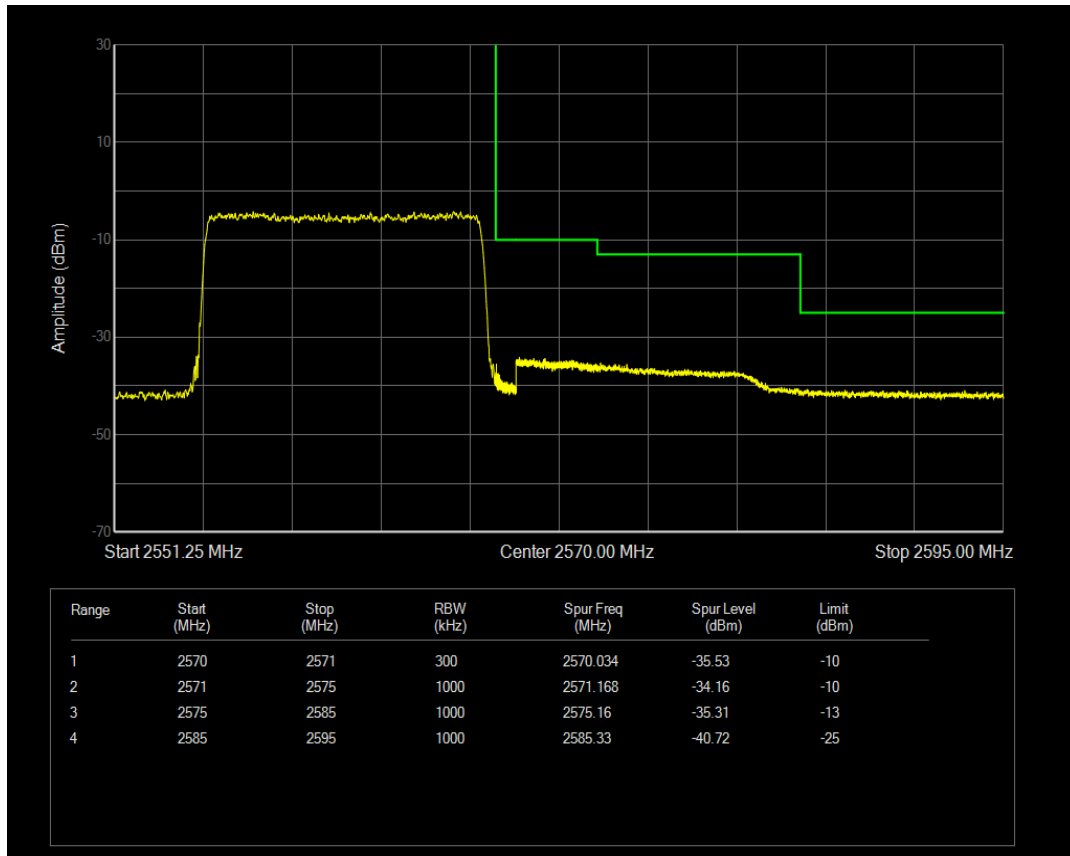
Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#0



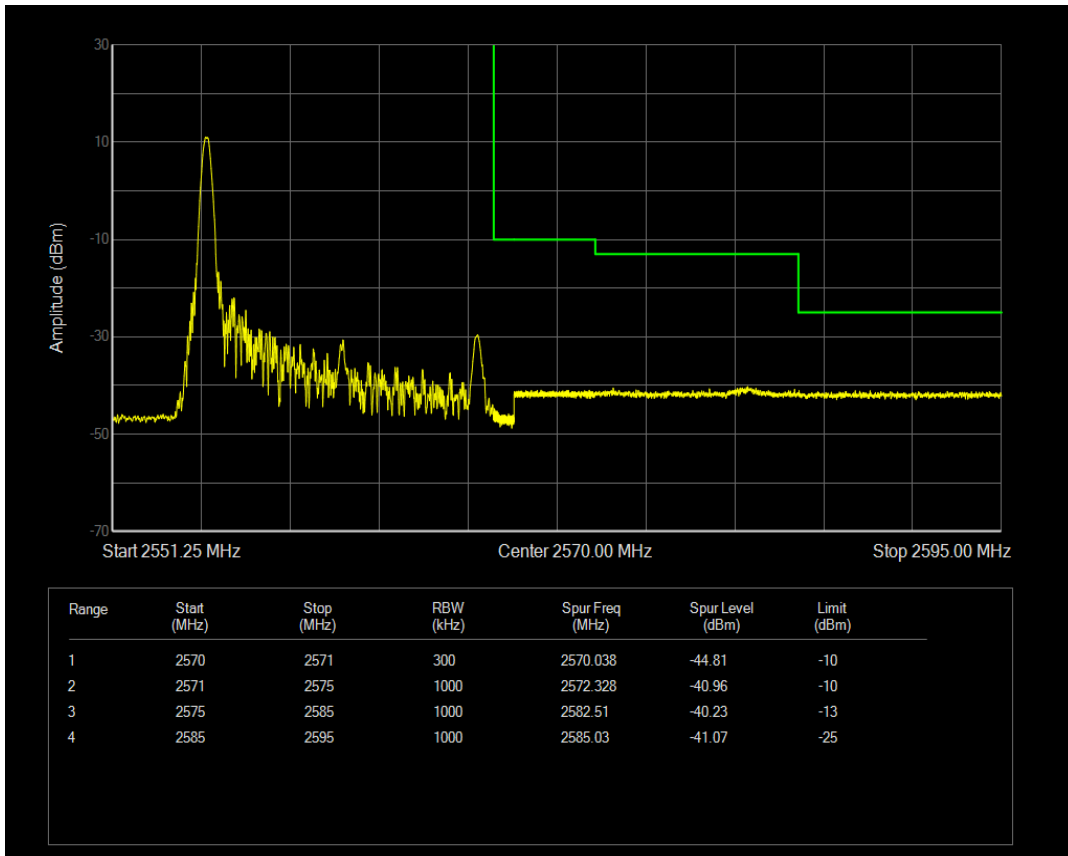
Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#Max



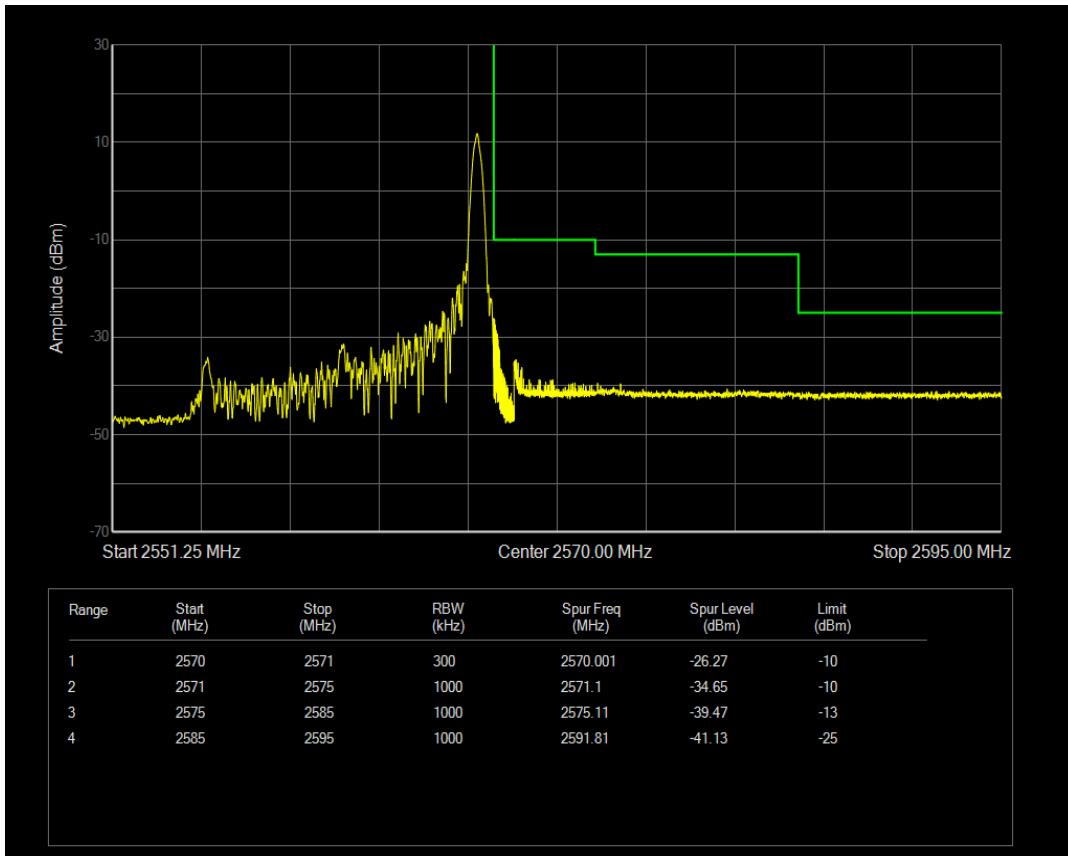
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



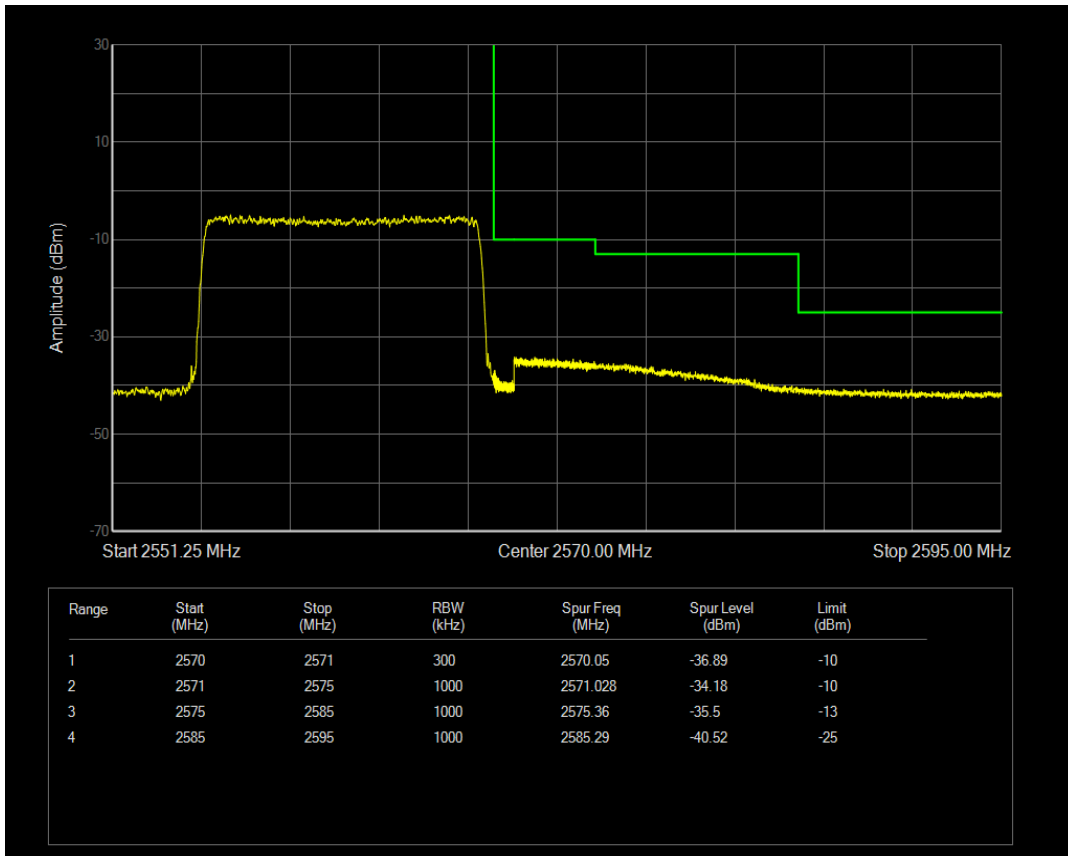
Band7 16QAM BW=15MHz Channel=21375 RB Size=1 Position=#0



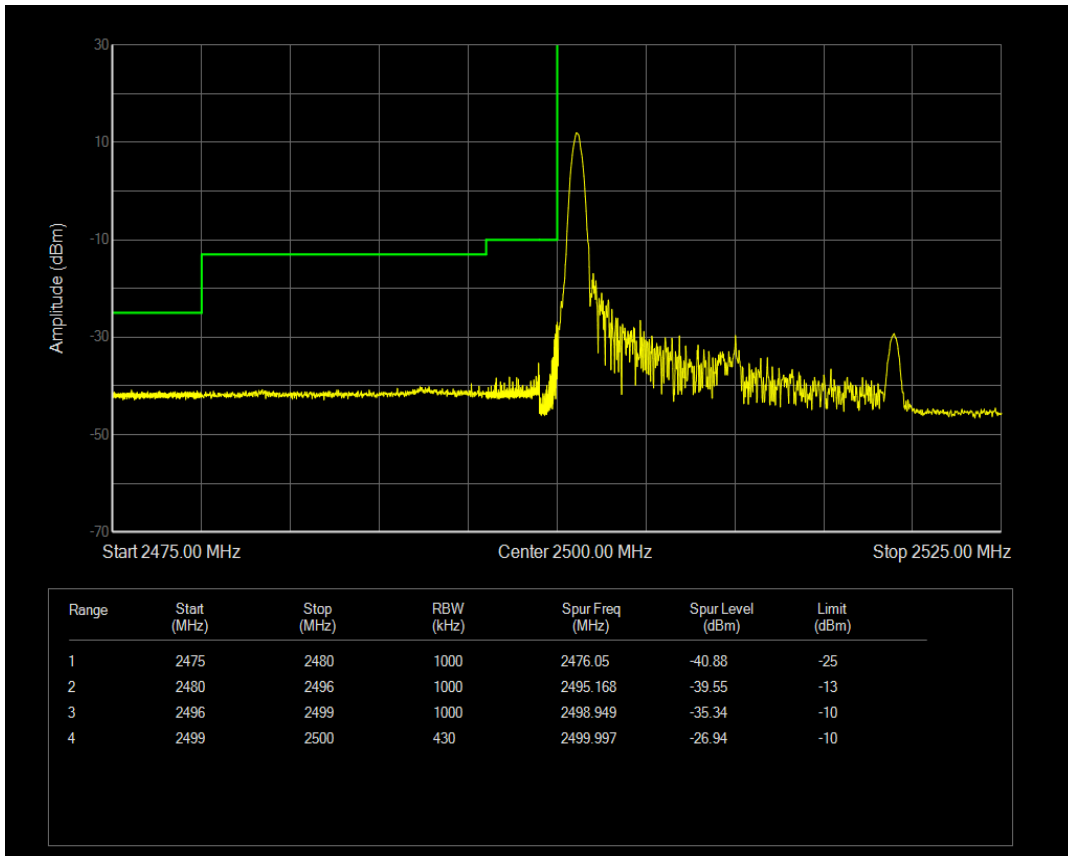
Band7 16QAM BW=15MHz Channel=21375 RB Size=1 Position=#Max



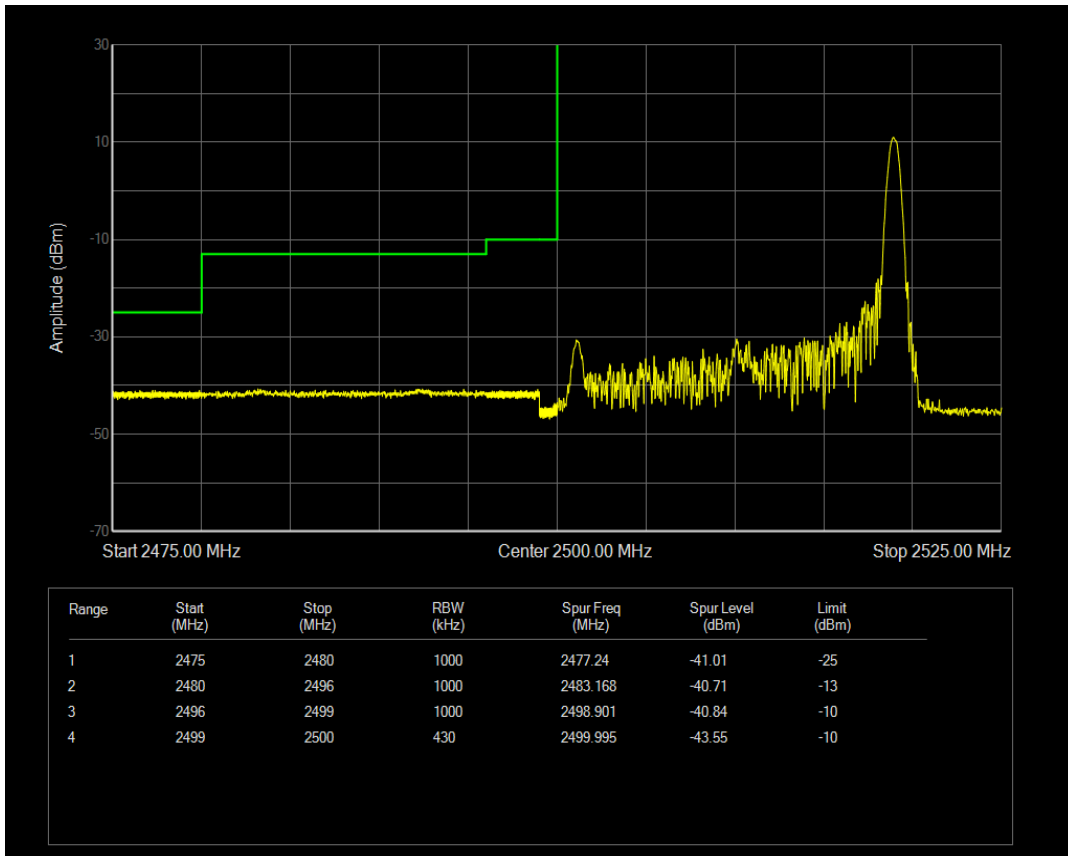
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0



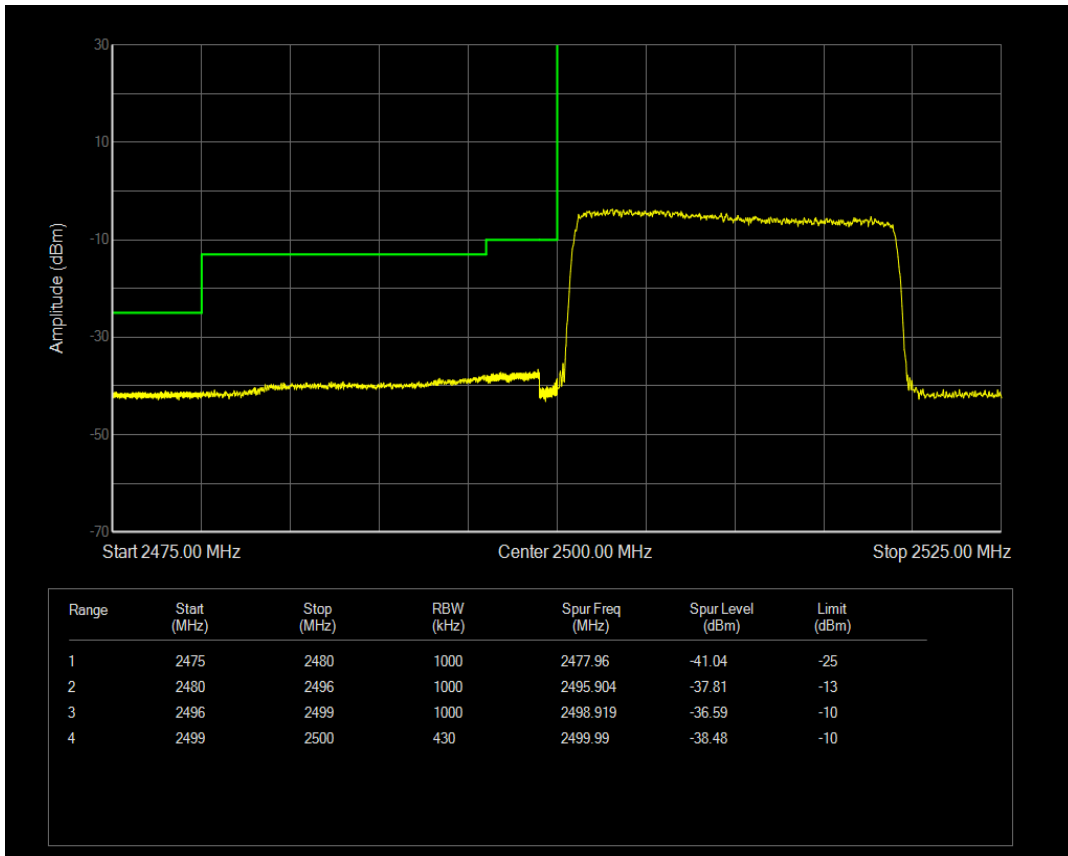
Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0



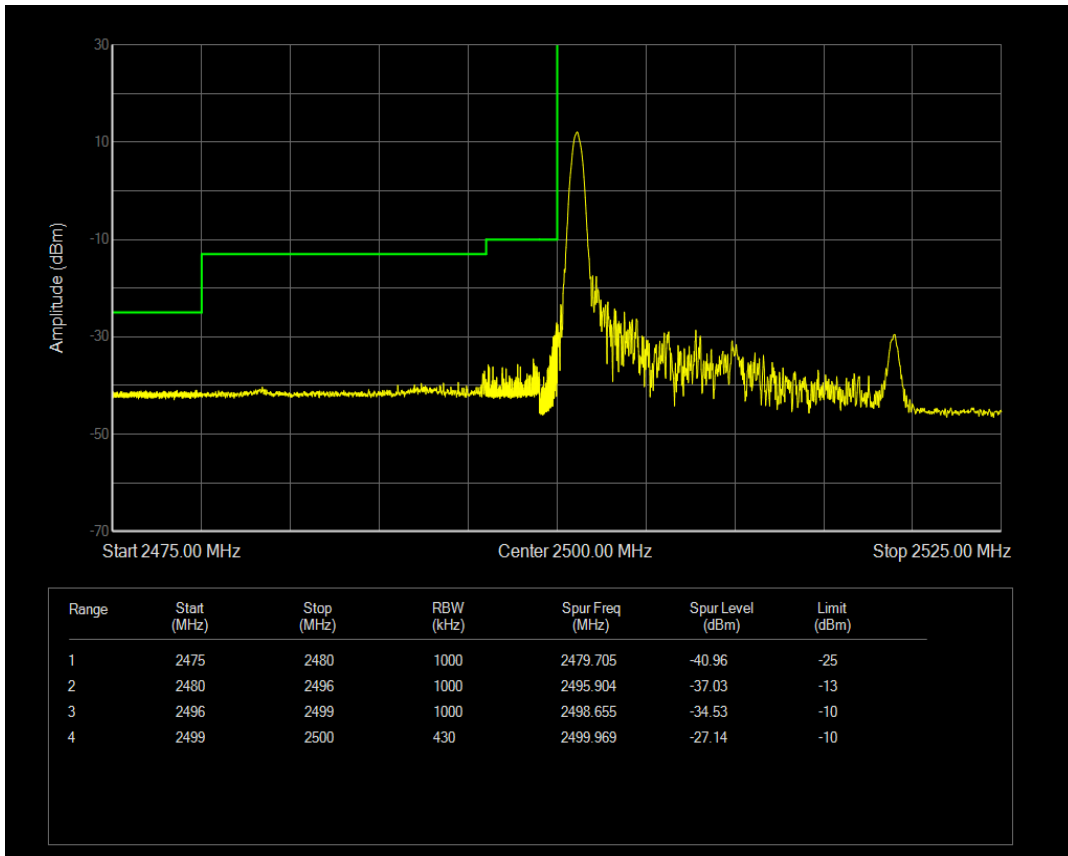
Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#Max



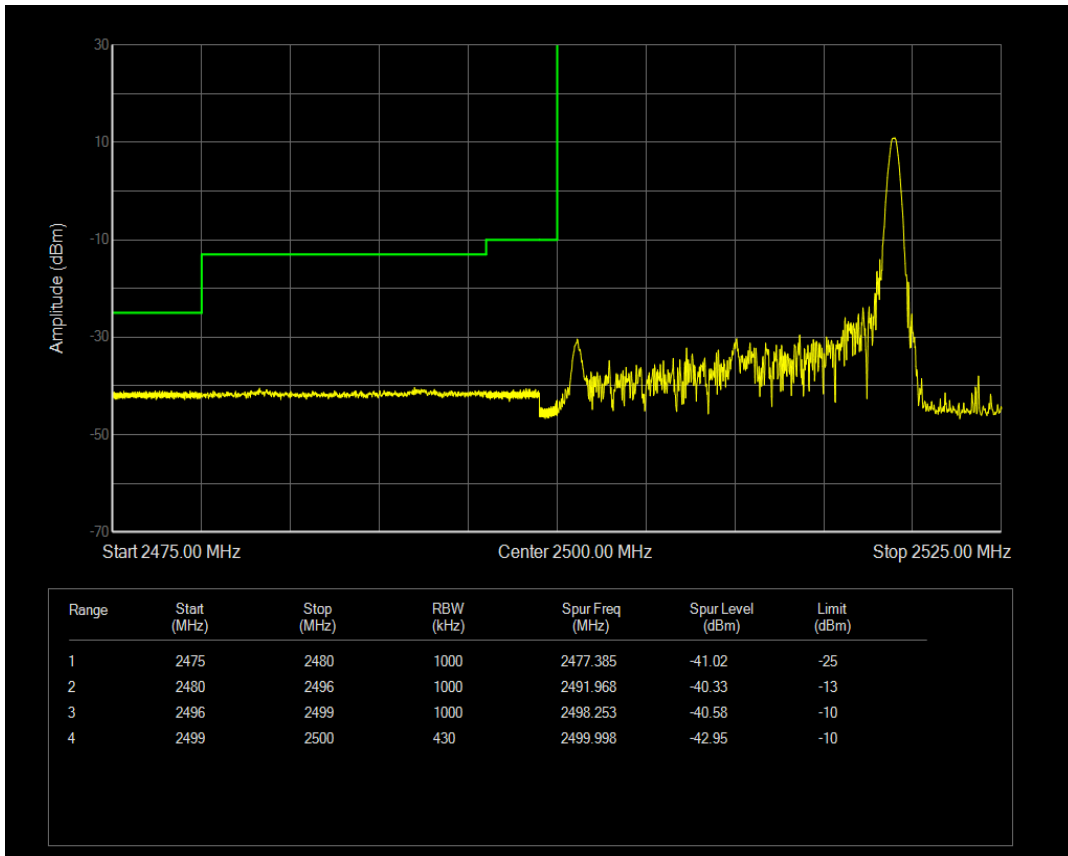
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



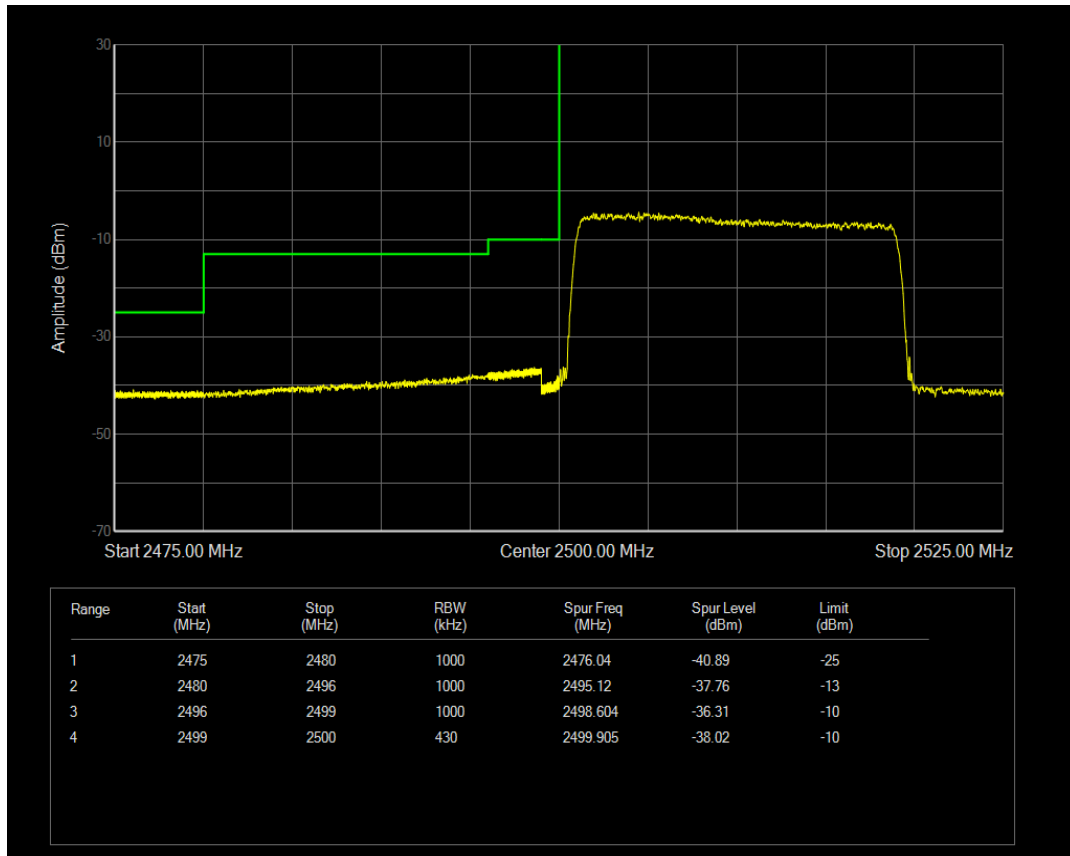
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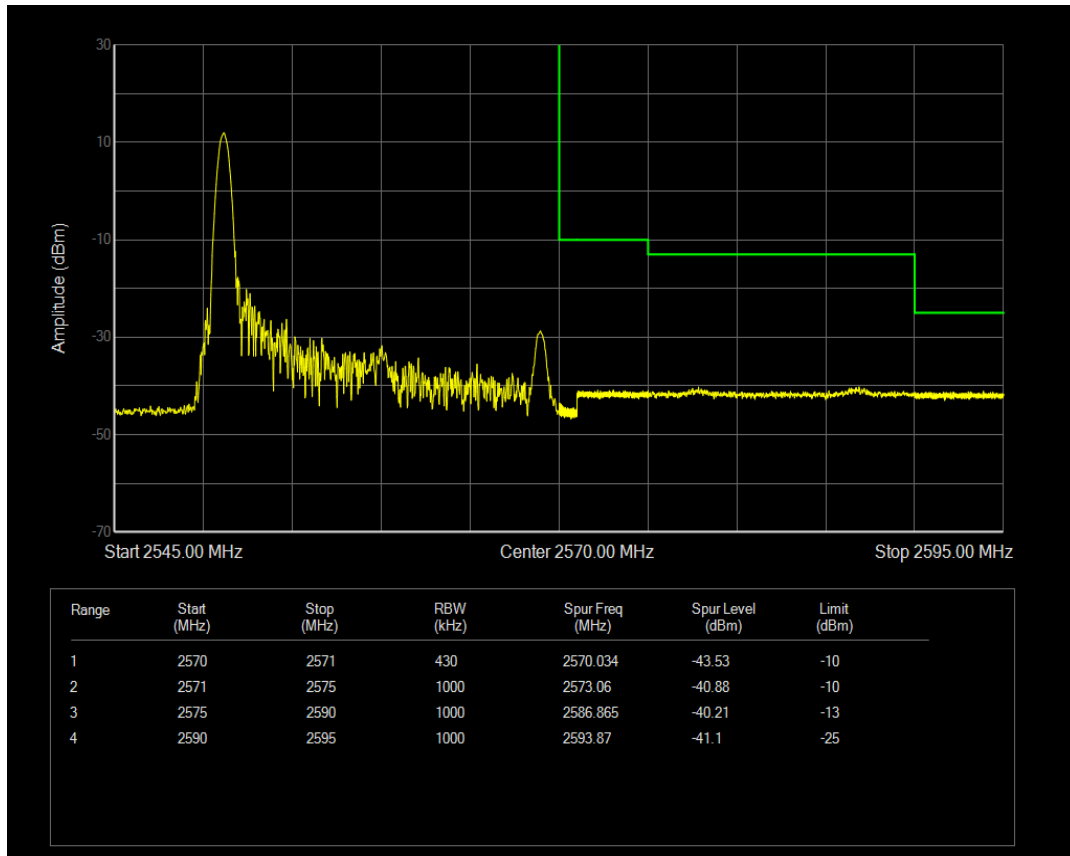
Band7 16QAM BW=20MHz Channel=20850 RB Size=1 Position=#Max



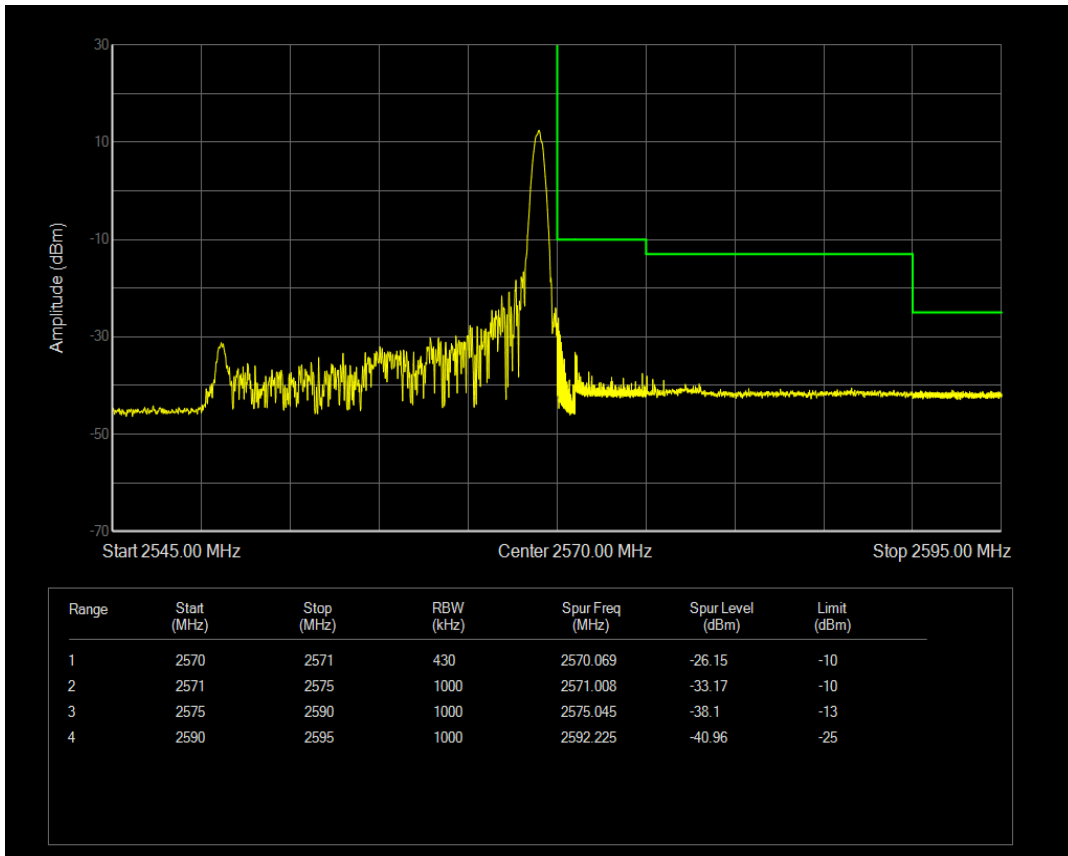
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0



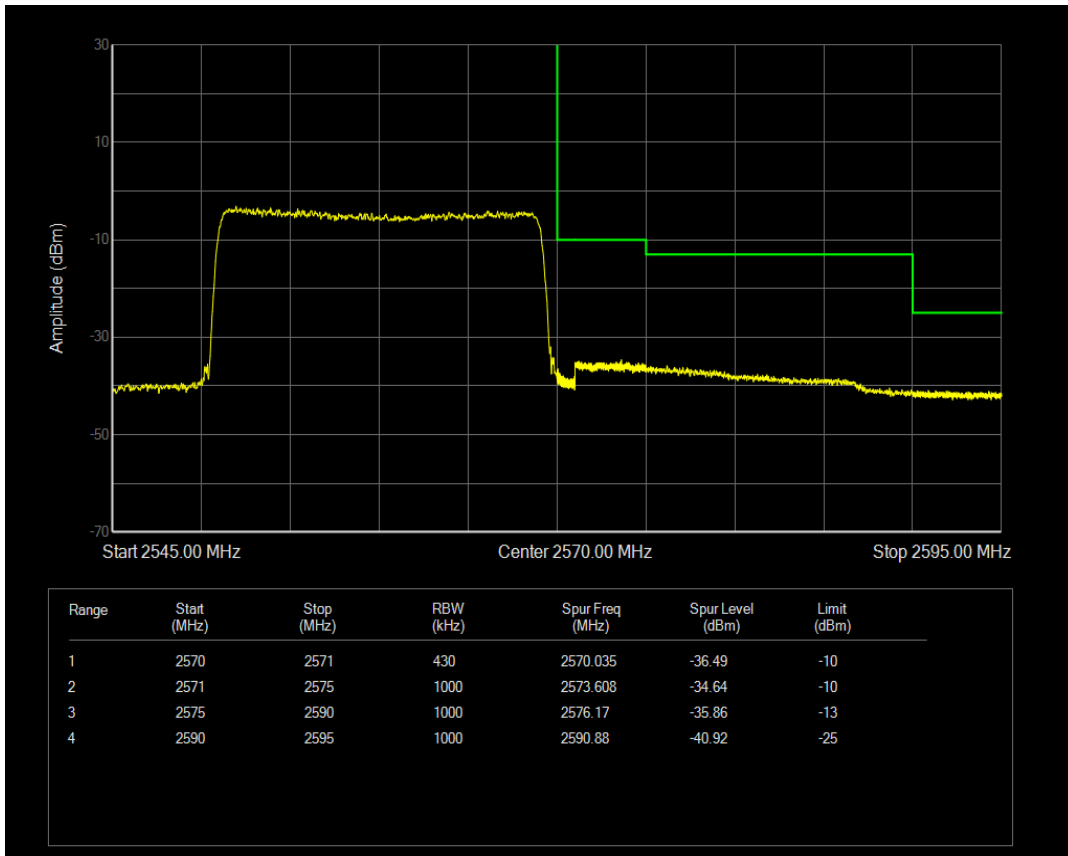
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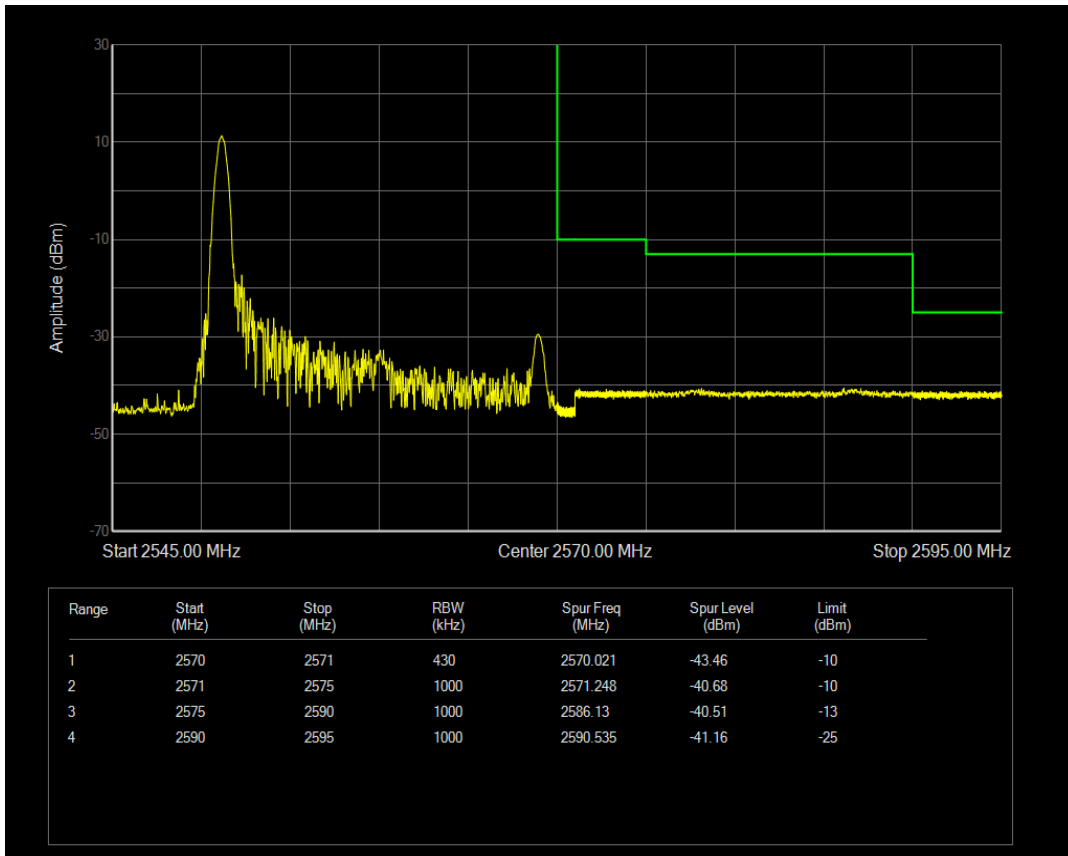
Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#Max



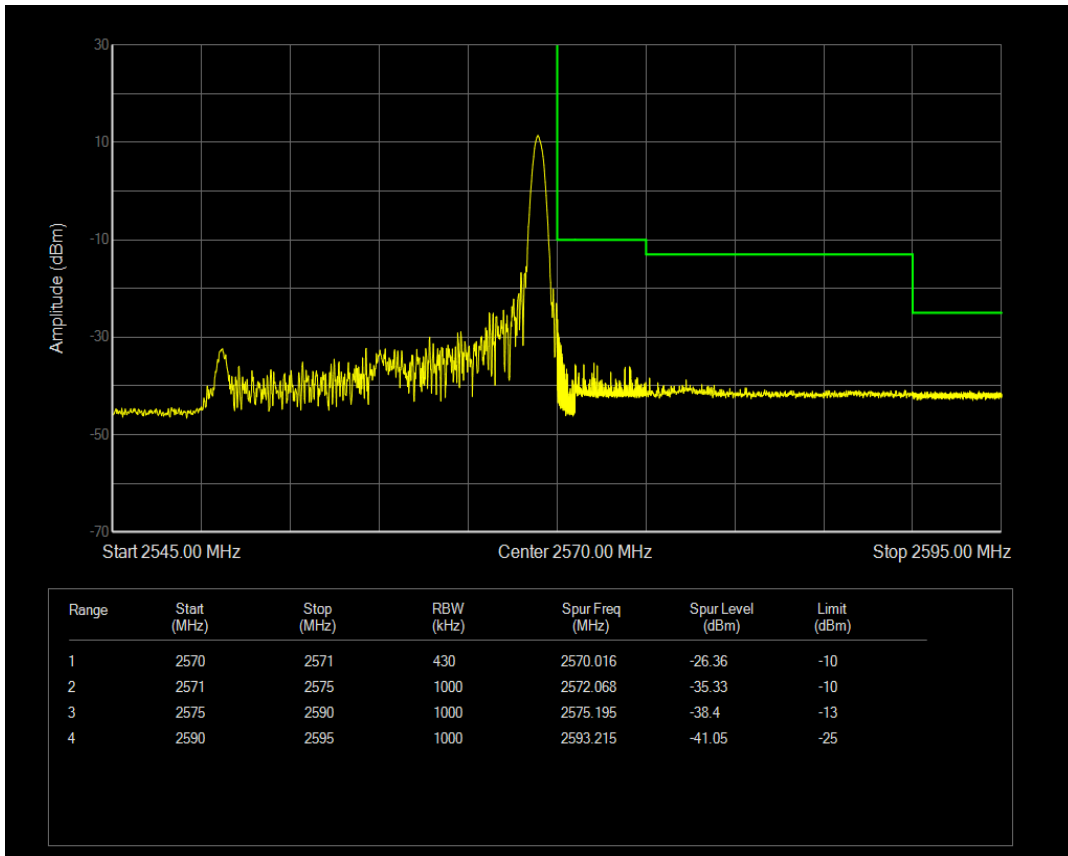
Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0



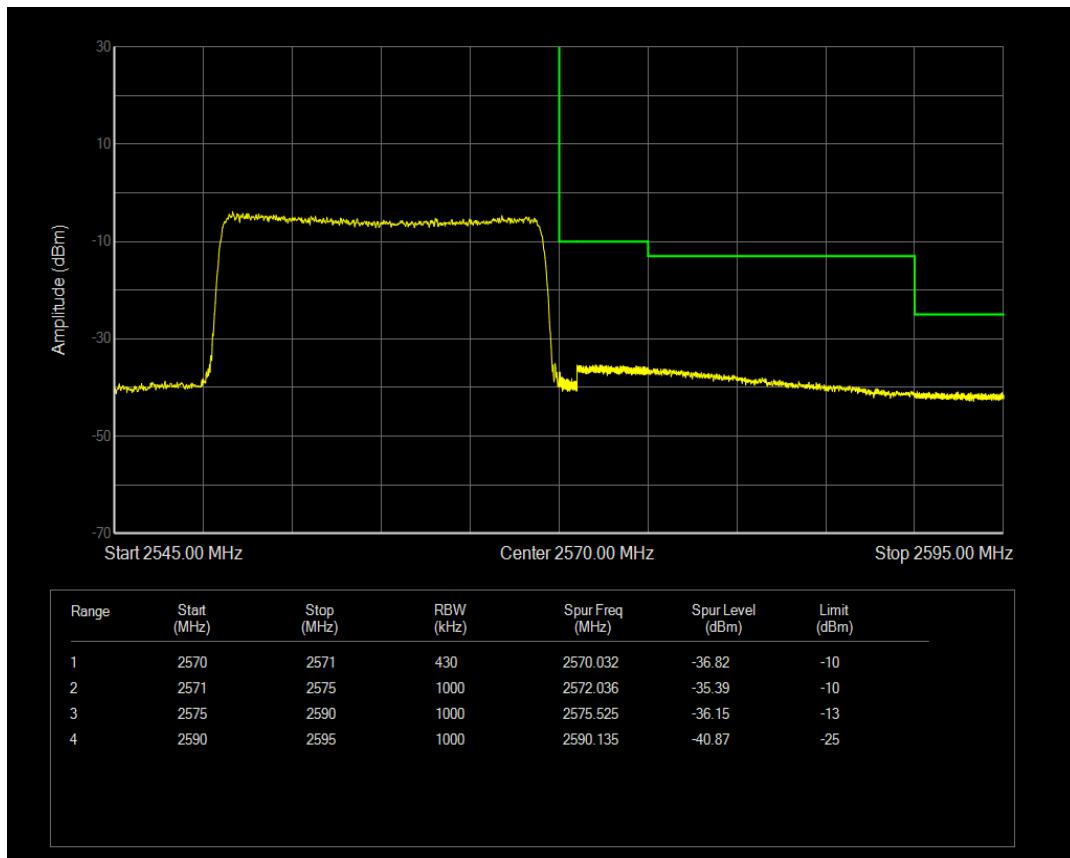
Band7 16QAM BW=20MHz Channel=21350 RB Size=1 Position=#0



Band7 16QAM BW=20MHz Channel=21350 RB Size=1 Position=#Max



Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0



## 06 Out-of-band emissions

| Band   | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|--------|-----------------|------------|---------|-------------|------------|-----------------|------------------|-------------|---------|
| Band12 | 1.4             | 23017      | 1       | #0          | QPSK       | 2099.05         | -24.97           | -13         | PASS    |
| Band12 | 1.4             | 23017      | 6       | #0          | QPSK       | 2099.05         | -30.21           | -13         | PASS    |
| Band12 | 1.4             | 23017      | 1       | #0          | 16QAM      | 2099.05         | -27.24           | -13         | PASS    |
| Band12 | 1.4             | 23017      | 6       | #0          | 16QAM      | 2099.05         | -26.18           | -13         | PASS    |
| Band12 | 1.4             | 23095      | 1       | #0          | QPSK       | 2122.00         | -25.30           | -13         | PASS    |
| Band12 | 1.4             | 23095      | 6       | #0          | QPSK       | 2122.00         | -26.31           | -13         | PASS    |
| Band12 | 1.4             | 23095      | 1       | #0          | 16QAM      | 2122.00         | -28.00           | -13         | PASS    |
| Band12 | 1.4             | 23095      | 6       | #0          | 16QAM      | 2122.00         | -28.22           | -13         | PASS    |
| Band12 | 1.4             | 23173      | 1       | #0          | QPSK       | 2144.95         | -26.81           | -13         | PASS    |
| Band12 | 1.4             | 23173      | 6       | #0          | QPSK       | 2147.50         | -27.73           | -13         | PASS    |
| Band12 | 1.4             | 23173      | 1       | #0          | 16QAM      | 2144.95         | -30.39           | -13         | PASS    |
| Band12 | 1.4             | 23173      | 6       | #0          | 16QAM      | 2147.50         | -29.74           | -13         | PASS    |
| Band12 | 3               | 23025      | 1       | #0          | QPSK       | 2099.05         | -26.58           | -13         | PASS    |
| Band12 | 3               | 23025      | 15      | #0          | QPSK       | 26176.15        | -33.34           | -13         | PASS    |
| Band12 | 3               | 23025      | 1       | #0          | 16QAM      | 2099.05         | -27.20           | -13         | PASS    |
| Band12 | 3               | 23025      | 15      | #0          | 16QAM      | 2104.15         | -33.27           | -13         | PASS    |
| Band12 | 3               | 23095      | 1       | #0          | QPSK       | 2119.45         | -25.48           | -13         | PASS    |
| Band12 | 3               | 23095      | 15      | #0          | QPSK       | 2122.00         | -32.47           | -13         | PASS    |
| Band12 | 3               | 23095      | 1       | #0          | 16QAM      | 2119.45         | -29.77           | -13         | PASS    |

|        |    |       |    |    |       |          |        |     |      |
|--------|----|-------|----|----|-------|----------|--------|-----|------|
| Band12 | 3  | 23095 | 15 | #0 | 16QAM | 2124.55  | -31.97 | -13 | PASS |
| Band12 | 3  | 23165 | 1  | #0 | QPSK  | 2139.85  | -24.24 | -13 | PASS |
| Band12 | 3  | 23165 | 15 | #0 | QPSK  | 2144.95  | -32.79 | -13 | PASS |
| Band12 | 3  | 23165 | 1  | #0 | 16QAM | 2139.85  | -27.36 | -13 | PASS |
| Band12 | 3  | 23165 | 15 | #0 | 16QAM | 2144.95  | -33.38 | -13 | PASS |
| Band12 | 5  | 23035 | 1  | #0 | QPSK  | 2099.05  | -25.40 | -13 | PASS |
| Band12 | 5  | 23035 | 25 | #0 | QPSK  | 25655.95 | -33.76 | -13 | PASS |
| Band12 | 5  | 23035 | 1  | #0 | 16QAM | 1397.80  | -32.43 | -13 | PASS |
| Band12 | 5  | 23035 | 25 | #0 | 16QAM | 25594.75 | -33.99 | -13 | PASS |
| Band12 | 5  | 23095 | 1  | #0 | QPSK  | 2116.90  | -26.79 | -13 | PASS |
| Band12 | 5  | 23095 | 25 | #0 | QPSK  | 25204.60 | -33.78 | -13 | PASS |
| Band12 | 5  | 23095 | 1  | #0 | 16QAM | 2116.90  | -24.15 | -13 | PASS |
| Band12 | 5  | 23095 | 25 | #0 | 16QAM | 25806.40 | -33.92 | -13 | PASS |
| Band12 | 5  | 23155 | 1  | #0 | QPSK  | 2134.75  | -26.48 | -13 | PASS |
| Band12 | 5  | 23155 | 25 | #0 | QPSK  | 25436.65 | -34.19 | -13 | PASS |
| Band12 | 5  | 23155 | 1  | #0 | 16QAM | 2134.75  | -30.14 | -13 | PASS |
| Band12 | 5  | 23155 | 25 | #0 | 16QAM | 25638.10 | -33.70 | -13 | PASS |
| Band12 | 10 | 23060 | 1  | #0 | QPSK  | 2099.05  | -26.52 | -13 | PASS |
| Band12 | 10 | 23060 | 50 | #0 | QPSK  | 25643.20 | -32.97 | -13 | PASS |
| Band12 | 10 | 23060 | 1  | #0 | 16QAM | 2099.05  | -26.62 | -13 | PASS |
| Band12 | 10 | 23060 | 50 | #0 | 16QAM | 26038.45 | -32.73 | -13 | PASS |
| Band12 | 10 | 23095 | 1  | #0 | QPSK  | 2109.25  | -23.69 | -13 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | QPSK  | 25597.30 | -33.91 | -13 | PASS |
| Band12 | 10 | 23095 | 1  | #0 | 16QAM | 2109.25  | -23.32 | -13 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | 16QAM | 25559.05 | -33.76 | -13 | PASS |
| Band12 | 10 | 23130 | 1  | #0 | QPSK  | 2119.45  | -26.66 | -13 | PASS |
| Band12 | 10 | 23130 | 50 | #0 | QPSK  | 25033.75 | -33.59 | -13 | PASS |
| Band12 | 10 | 23130 | 1  | #0 | 16QAM | 2119.45  | -21.42 | -13 | PASS |
| Band12 | 10 | 23130 | 50 | #0 | 16QAM | 25449.40 | -33.94 | -13 | PASS |
| Band17 | 5  | 23755 | 1  | #0 | QPSK  | 2114.35  | -23.43 | -13 | PASS |
| Band17 | 5  | 23755 | 25 | #0 | QPSK  | 25482.55 | -33.34 | -13 | PASS |
| Band17 | 5  | 23755 | 1  | #0 | 16QAM | 2114.35  | -22.49 | -13 | PASS |
| Band17 | 5  | 23755 | 25 | #0 | 16QAM | 25658.50 | -33.11 | -13 | PASS |
| Band17 | 5  | 23790 | 1  | #0 | QPSK  | 2124.55  | -30.89 | -13 | PASS |
| Band17 | 5  | 23790 | 25 | #0 | QPSK  | 25319.35 | -33.77 | -13 | PASS |
| Band17 | 5  | 23790 | 1  | #0 | 16QAM | 2124.55  | -26.81 | -13 | PASS |
| Band17 | 5  | 23790 | 25 | #0 | 16QAM | 25607.50 | -33.66 | -13 | PASS |
| Band17 | 5  | 23825 | 1  | #0 | QPSK  | 2134.75  | -28.61 | -13 | PASS |
| Band17 | 5  | 23825 | 25 | #0 | QPSK  | 25668.70 | -32.57 | -13 | PASS |
| Band17 | 5  | 23825 | 1  | #0 | 16QAM | 2134.75  | -28.18 | -13 | PASS |
| Band17 | 5  | 23825 | 25 | #0 | 16QAM | 25638.10 | -33.65 | -13 | PASS |
| Band17 | 10 | 23780 | 1  | #0 | QPSK  | 2114.35  | -26.48 | -13 | PASS |
| Band17 | 10 | 23780 | 50 | #0 | QPSK  | 25237.75 | -34.26 | -13 | PASS |
| Band17 | 10 | 23780 | 1  | #0 | 16QAM | 2114.35  | -23.22 | -13 | PASS |

|        |     |       |    |    |       |          |        |     |      |
|--------|-----|-------|----|----|-------|----------|--------|-----|------|
| Band17 | 10  | 23780 | 50 | #0 | 16QAM | 25202.05 | -33.52 | -13 | PASS |
| Band17 | 10  | 23790 | 1  | #0 | QPSK  | 2116.90  | -26.20 | -13 | PASS |
| Band17 | 10  | 23790 | 50 | #0 | QPSK  | 25202.05 | -34.25 | -13 | PASS |
| Band17 | 10  | 23790 | 1  | #0 | 16QAM | 2116.90  | -23.69 | -13 | PASS |
| Band17 | 10  | 23790 | 50 | #0 | 16QAM | 25151.05 | -33.64 | -13 | PASS |
| Band17 | 10  | 23800 | 1  | #0 | QPSK  | 2119.45  | -24.13 | -13 | PASS |
| Band17 | 10  | 23800 | 50 | #0 | QPSK  | 25344.85 | -33.32 | -13 | PASS |
| Band17 | 10  | 23800 | 1  | #0 | 16QAM | 2119.45  | -28.21 | -13 | PASS |
| Band17 | 10  | 23800 | 50 | #0 | 16QAM | 26035.90 | -33.96 | -13 | PASS |
| Band2  | 1.4 | 18607 | 1  | #0 | QPSK  | 25803.85 | -32.14 | -13 | PASS |
| Band2  | 1.4 | 18607 | 6  | #0 | QPSK  | 25655.95 | -32.32 | -13 | PASS |
| Band2  | 1.4 | 18607 | 1  | #0 | 16QAM | 26143.00 | -31.56 | -13 | PASS |
| Band2  | 1.4 | 18607 | 6  | #0 | 16QAM | 25324.45 | -32.23 | -13 | PASS |
| Band2  | 1.4 | 18900 | 1  | #0 | QPSK  | 25105.15 | -32.65 | -13 | PASS |
| Band2  | 1.4 | 18900 | 6  | #0 | QPSK  | 26148.10 | -32.35 | -13 | PASS |
| Band2  | 1.4 | 18900 | 1  | #0 | 16QAM | 25650.85 | -32.30 | -13 | PASS |
| Band2  | 1.4 | 18900 | 6  | #0 | 16QAM | 25304.05 | -32.57 | -13 | PASS |
| Band2  | 1.4 | 19193 | 1  | #0 | QPSK  | 25225.00 | -32.49 | -13 | PASS |
| Band2  | 1.4 | 19193 | 6  | #0 | QPSK  | 25263.25 | -31.50 | -13 | PASS |
| Band2  | 1.4 | 19193 | 1  | #0 | 16QAM | 26094.55 | -32.21 | -13 | PASS |
| Band2  | 1.4 | 19193 | 6  | #0 | 16QAM | 25436.65 | -31.82 | -13 | PASS |
| Band2  | 3   | 18615 | 1  | #0 | QPSK  | 25196.95 | -32.55 | -13 | PASS |
| Band2  | 3   | 18615 | 15 | #0 | QPSK  | 25959.40 | -32.75 | -13 | PASS |
| Band2  | 3   | 18615 | 1  | #0 | 16QAM | 25640.65 | -32.07 | -13 | PASS |
| Band2  | 3   | 18615 | 15 | #0 | 16QAM | 25337.20 | -32.43 | -13 | PASS |
| Band2  | 3   | 18900 | 1  | #0 | QPSK  | 25508.05 | -32.12 | -13 | PASS |
| Band2  | 3   | 18900 | 15 | #0 | QPSK  | 26150.65 | -32.16 | -13 | PASS |
| Band2  | 3   | 18900 | 1  | #0 | 16QAM | 26456.65 | -32.75 | -13 | PASS |
| Band2  | 3   | 18900 | 15 | #0 | 16QAM | 25209.70 | -31.53 | -13 | PASS |
| Band2  | 3   | 19185 | 1  | #0 | QPSK  | 26081.80 | -32.31 | -13 | PASS |
| Band2  | 3   | 19185 | 15 | #0 | QPSK  | 25834.45 | -32.36 | -13 | PASS |
| Band2  | 3   | 19185 | 1  | #0 | 16QAM | 26074.15 | -32.05 | -13 | PASS |
| Band2  | 3   | 19185 | 15 | #0 | 16QAM | 25263.25 | -32.25 | -13 | PASS |
| Band2  | 5   | 18625 | 1  | #0 | QPSK  | 25242.85 | -32.17 | -13 | PASS |
| Band2  | 5   | 18625 | 25 | #0 | QPSK  | 25831.90 | -32.27 | -13 | PASS |
| Band2  | 5   | 18625 | 1  | #0 | 16QAM | 25278.55 | -32.09 | -13 | PASS |
| Band2  | 5   | 18625 | 25 | #0 | 16QAM | 25339.75 | -32.20 | -13 | PASS |
| Band2  | 5   | 18900 | 1  | #0 | QPSK  | 25691.65 | -32.38 | -13 | PASS |
| Band2  | 5   | 18900 | 25 | #0 | QPSK  | 25992.55 | -32.56 | -13 | PASS |
| Band2  | 5   | 18900 | 1  | #0 | 16QAM | 26079.25 | -32.12 | -13 | PASS |
| Band2  | 5   | 18900 | 25 | #0 | 16QAM | 25245.40 | -32.34 | -13 | PASS |
| Band2  | 5   | 19175 | 1  | #0 | QPSK  | 25742.65 | -32.60 | -13 | PASS |
| Band2  | 5   | 19175 | 25 | #0 | QPSK  | 25291.30 | -32.41 | -13 | PASS |
| Band2  | 5   | 19175 | 1  | #0 | 16QAM | 25263.25 | -31.36 | -13 | PASS |

|        |     |       |     |    |       |          |        |     |      |
|--------|-----|-------|-----|----|-------|----------|--------|-----|------|
| Band2  | 5   | 19175 | 25  | #0 | 16QAM | 25831.90 | -32.47 | -13 | PASS |
| Band2  | 10  | 18650 | 1   | #0 | QPSK  | 25235.20 | -31.15 | -13 | PASS |
| Band2  | 10  | 18650 | 50  | #0 | QPSK  | 25564.15 | -32.19 | -13 | PASS |
| Band2  | 10  | 18650 | 1   | #0 | 16QAM | 25115.35 | -32.49 | -13 | PASS |
| Band2  | 10  | 18650 | 50  | #0 | 16QAM | 25610.05 | -32.64 | -13 | PASS |
| Band2  | 10  | 18900 | 1   | #0 | QPSK  | 25291.30 | -31.98 | -13 | PASS |
| Band2  | 10  | 18900 | 50  | #0 | QPSK  | 25212.25 | -32.25 | -13 | PASS |
| Band2  | 10  | 18900 | 1   | #0 | 16QAM | 25304.05 | -31.83 | -13 | PASS |
| Band2  | 10  | 18900 | 50  | #0 | 16QAM | 26216.95 | -32.41 | -13 | PASS |
| Band2  | 10  | 19150 | 1   | #0 | QPSK  | 25156.15 | -32.43 | -13 | PASS |
| Band2  | 10  | 19150 | 50  | #0 | QPSK  | 25576.90 | -31.47 | -13 | PASS |
| Band2  | 10  | 19150 | 1   | #0 | 16QAM | 25242.85 | -32.06 | -13 | PASS |
| Band2  | 10  | 19150 | 50  | #0 | 16QAM | 25684.00 | -31.35 | -13 | PASS |
| Band2  | 15  | 18675 | 1   | #0 | QPSK  | 25209.70 | -32.12 | -13 | PASS |
| Band2  | 15  | 18675 | 75  | #0 | QPSK  | 26043.55 | -32.38 | -13 | PASS |
| Band2  | 15  | 18675 | 1   | #0 | 16QAM | 25556.50 | -32.62 | -13 | PASS |
| Band2  | 15  | 18675 | 75  | #0 | 16QAM | 25531.00 | -31.97 | -13 | PASS |
| Band2  | 15  | 18900 | 1   | #0 | QPSK  | 25676.35 | -31.74 | -13 | PASS |
| Band2  | 15  | 18900 | 75  | #0 | QPSK  | 25324.45 | -32.23 | -13 | PASS |
| Band2  | 15  | 18900 | 1   | #0 | 16QAM | 25434.10 | -32.13 | -13 | PASS |
| Band2  | 15  | 18900 | 75  | #0 | 16QAM | 26125.15 | -32.51 | -13 | PASS |
| Band2  | 15  | 19125 | 1   | #0 | QPSK  | 26364.85 | -32.47 | -13 | PASS |
| Band2  | 15  | 19125 | 75  | #0 | QPSK  | 25765.60 | -32.02 | -13 | PASS |
| Band2  | 15  | 19125 | 1   | #0 | 16QAM | 26415.85 | -32.08 | -13 | PASS |
| Band2  | 15  | 19125 | 75  | #0 | 16QAM | 25696.75 | -32.49 | -13 | PASS |
| Band2  | 20  | 18700 | 1   | #0 | QPSK  | 25778.35 | -32.14 | -13 | PASS |
| Band2  | 20  | 18700 | 100 | #0 | QPSK  | 26137.90 | -32.22 | -13 | PASS |
| Band2  | 20  | 18700 | 1   | #0 | 16QAM | 25082.20 | -32.27 | -13 | PASS |
| Band2  | 20  | 18700 | 100 | #0 | 16QAM | 25801.30 | -31.55 | -13 | PASS |
| Band2  | 20  | 18900 | 1   | #0 | QPSK  | 25268.35 | -31.67 | -13 | PASS |
| Band2  | 20  | 18900 | 100 | #0 | QPSK  | 26331.70 | -32.43 | -13 | PASS |
| Band2  | 20  | 18900 | 1   | #0 | 16QAM | 26025.70 | -32.12 | -13 | PASS |
| Band2  | 20  | 18900 | 100 | #0 | 16QAM | 25546.30 | -32.14 | -13 | PASS |
| Band2  | 20  | 19100 | 1   | #0 | QPSK  | 25431.55 | -32.59 | -13 | PASS |
| Band2  | 20  | 19100 | 100 | #0 | QPSK  | 25339.75 | -32.26 | -13 | PASS |
| Band2  | 20  | 19100 | 1   | #0 | 16QAM | 25806.40 | -32.60 | -13 | PASS |
| Band2  | 20  | 19100 | 100 | #0 | 16QAM | 25250.50 | -31.72 | -13 | PASS |
| Band25 | 1.4 | 26047 | 1   | #0 | QPSK  | 1844.20  | -43.35 | -13 | PASS |
| Band25 | 1.4 | 26047 | 6   | #0 | QPSK  | 1841.50  | -41.47 | -13 | PASS |
| Band25 | 1.4 | 26047 | 1   | #0 | 16QAM | 1844.20  | -41.52 | -13 | PASS |
| Band25 | 1.4 | 26047 | 6   | #0 | 16QAM | 3261.70  | -43.35 | -13 | PASS |
| Band25 | 1.4 | 26365 | 1   | #0 | QPSK  | 2630.80  | -43.74 | -13 | PASS |
| Band25 | 1.4 | 26365 | 6   | #0 | QPSK  | 3271.60  | -44.33 | -13 | PASS |
| Band25 | 1.4 | 26365 | 1   | #0 | 16QAM | 2903.50  | -42.70 | -13 | PASS |

|        |     |       |    |    |       |         |        |     |      |
|--------|-----|-------|----|----|-------|---------|--------|-----|------|
| Band25 | 1.4 | 26365 | 6  | #0 | 16QAM | 3284.20 | -43.76 | -13 | PASS |
| Band25 | 1.4 | 26683 | 1  | #0 | QPSK  | 6942.70 | -43.05 | -13 | PASS |
| Band25 | 1.4 | 26683 | 6  | #0 | QPSK  | 1920.70 | -42.63 | -13 | PASS |
| Band25 | 1.4 | 26683 | 1  | #0 | 16QAM | 0.01    | -42.57 | -13 | PASS |
| Band25 | 1.4 | 26683 | 6  | #0 | 16QAM | 1920.70 | -42.29 | -13 | PASS |
| Band25 | 3   | 26055 | 1  | #0 | QPSK  | 3162.70 | -43.86 | -13 | PASS |
| Band25 | 3   | 26055 | 15 | #0 | QPSK  | 1832.50 | -43.57 | -13 | PASS |
| Band25 | 3   | 26055 | 1  | #0 | 16QAM | 2643.40 | -43.24 | -13 | PASS |
| Band25 | 3   | 26055 | 15 | #0 | 16QAM | 3143.80 | -43.09 | -13 | PASS |
| Band25 | 3   | 26365 | 1  | #0 | QPSK  | 3028.60 | -43.33 | -13 | PASS |
| Band25 | 3   | 26365 | 15 | #0 | QPSK  | 3142.90 | -42.53 | -13 | PASS |
| Band25 | 3   | 26365 | 1  | #0 | 16QAM | 3157.30 | -43.07 | -13 | PASS |
| Band25 | 3   | 26365 | 15 | #0 | 16QAM | 3234.70 | -43.54 | -13 | PASS |
| Band25 | 3   | 26675 | 1  | #0 | QPSK  | 6994.00 | -42.23 | -13 | PASS |
| Band25 | 3   | 26675 | 15 | #0 | QPSK  | 3032.20 | -42.48 | -13 | PASS |
| Band25 | 3   | 26675 | 1  | #0 | 16QAM | 3236.50 | -44.00 | -13 | PASS |
| Band25 | 3   | 26675 | 15 | #0 | 16QAM | 0.01    | -43.35 | -13 | PASS |
| Band25 | 5   | 26065 | 1  | #0 | QPSK  | 0.01    | -42.72 | -13 | PASS |
| Band25 | 5   | 26065 | 25 | #0 | QPSK  | 3202.30 | -44.14 | -13 | PASS |
| Band25 | 5   | 26065 | 1  | #0 | 16QAM | 0.01    | -42.87 | -13 | PASS |
| Band25 | 5   | 26065 | 25 | #0 | 16QAM | 3159.10 | -43.77 | -13 | PASS |
| Band25 | 5   | 26365 | 1  | #0 | QPSK  | 3134.80 | -43.19 | -13 | PASS |
| Band25 | 5   | 26365 | 25 | #0 | QPSK  | 0.01    | -43.20 | -13 | PASS |
| Band25 | 5   | 26365 | 1  | #0 | 16QAM | 3249.10 | -42.95 | -13 | PASS |
| Band25 | 5   | 26365 | 25 | #0 | 16QAM | 3139.30 | -43.47 | -13 | PASS |
| Band25 | 5   | 26665 | 1  | #0 | QPSK  | 6971.50 | -43.56 | -13 | PASS |
| Band25 | 5   | 26665 | 25 | #0 | QPSK  | 3063.70 | -43.68 | -13 | PASS |
| Band25 | 5   | 26665 | 1  | #0 | 16QAM | 3005.20 | -42.85 | -13 | PASS |
| Band25 | 5   | 26665 | 25 | #0 | 16QAM | 3287.80 | -43.66 | -13 | PASS |
| Band25 | 10  | 26090 | 1  | #0 | QPSK  | 2590.30 | -43.24 | -13 | PASS |
| Band25 | 10  | 26090 | 50 | #0 | QPSK  | 2991.70 | -43.44 | -13 | PASS |
| Band25 | 10  | 26090 | 1  | #0 | 16QAM | 0.01    | -43.11 | -13 | PASS |
| Band25 | 10  | 26090 | 50 | #0 | 16QAM | 3045.70 | -43.50 | -13 | PASS |
| Band25 | 10  | 26365 | 1  | #0 | QPSK  | 3180.70 | -43.17 | -13 | PASS |
| Band25 | 10  | 26365 | 50 | #0 | QPSK  | 3038.50 | -43.42 | -13 | PASS |
| Band25 | 10  | 26365 | 1  | #0 | 16QAM | 3131.20 | -43.65 | -13 | PASS |
| Band25 | 10  | 26365 | 50 | #0 | 16QAM | 3158.20 | -43.21 | -13 | PASS |
| Band25 | 10  | 26640 | 1  | #0 | QPSK  | 3133.00 | -43.46 | -13 | PASS |
| Band25 | 10  | 26640 | 50 | #0 | QPSK  | 0.01    | -44.27 | -13 | PASS |
| Band25 | 10  | 26640 | 1  | #0 | 16QAM | 2998.90 | -43.70 | -13 | PASS |
| Band25 | 10  | 26640 | 50 | #0 | 16QAM | 0.01    | -43.30 | -13 | PASS |
| Band25 | 15  | 26115 | 1  | #0 | QPSK  | 0.01    | -43.61 | -13 | PASS |
| Band25 | 15  | 26115 | 75 | #0 | QPSK  | 3576.70 | -44.07 | -13 | PASS |
| Band25 | 15  | 26115 | 1  | #0 | 16QAM | 3278.80 | -43.49 | -13 | PASS |

|                 |     |       |     |    |       |         |        |     |      |
|-----------------|-----|-------|-----|----|-------|---------|--------|-----|------|
| Band25          | 15  | 26115 | 75  | #0 | 16QAM | 0.01    | -43.97 | -13 | PASS |
| Band25          | 15  | 26365 | 1   | #0 | QPSK  | 6945.40 | -44.03 | -13 | PASS |
| Band25          | 15  | 26365 | 75  | #0 | QPSK  | 0.01    | -42.33 | -13 | PASS |
| Band25          | 15  | 26365 | 1   | #0 | 16QAM | 3133.00 | -43.52 | -13 | PASS |
| Band25          | 15  | 26365 | 75  | #0 | 16QAM | 2574.10 | -43.87 | -13 | PASS |
| Band25          | 15  | 26615 | 1   | #0 | QPSK  | 0.01    | -43.13 | -13 | PASS |
| Band25          | 15  | 26615 | 75  | #0 | QPSK  | 3157.30 | -43.07 | -13 | PASS |
| Band25          | 15  | 26615 | 1   | #0 | 16QAM | 3030.40 | -44.34 | -13 | PASS |
| Band25          | 15  | 26615 | 75  | #0 | 16QAM | 3282.40 | -43.98 | -13 | PASS |
| Band25          | 20  | 26140 | 1   | #0 | QPSK  | 6810.40 | -44.33 | -13 | PASS |
| Band25          | 20  | 26140 | 100 | #0 | QPSK  | 3016.00 | -43.90 | -13 | PASS |
| Band25          | 20  | 26140 | 1   | #0 | 16QAM | 3097.00 | -43.74 | -13 | PASS |
| Band25          | 20  | 26140 | 100 | #0 | 16QAM | 3283.30 | -43.50 | -13 | PASS |
| Band25          | 20  | 26365 | 1   | #0 | QPSK  | 3173.50 | -43.46 | -13 | PASS |
| Band25          | 20  | 26365 | 100 | #0 | QPSK  | 3491.20 | -44.24 | -13 | PASS |
| Band25          | 20  | 26365 | 1   | #0 | 16QAM | 3511.00 | -43.56 | -13 | PASS |
| Band25          | 20  | 26365 | 100 | #0 | 16QAM | 3288.70 | -43.29 | -13 | PASS |
| Band25          | 20  | 26590 | 1   | #0 | QPSK  | 3150.10 | -43.89 | -13 | PASS |
| Band25          | 20  | 26590 | 100 | #0 | QPSK  | 0.01    | -43.41 | -13 | PASS |
| Band25          | 20  | 26590 | 1   | #0 | 16QAM | 3289.60 | -43.95 | -13 | PASS |
| Band25          | 20  | 26590 | 100 | #0 | 16QAM | 2983.60 | -42.95 | -13 | PASS |
| Band26(814-824) | 1.4 | 26697 | 1   | #0 | QPSK  | 2443.60 | -25.09 | -13 | PASS |
| Band26(814-824) | 1.4 | 26697 | 6   | #0 | QPSK  | 2445.40 | -35.33 | -13 | PASS |
| Band26(814-824) | 1.4 | 26697 | 1   | #0 | 16QAM | 2443.60 | -29.43 | -13 | PASS |
| Band26(814-824) | 1.4 | 26697 | 6   | #0 | 16QAM | 2444.50 | -30.27 | -13 | PASS |
| Band26(814-824) | 1.4 | 26740 | 1   | #0 | QPSK  | 2456.20 | -27.11 | -13 | PASS |
| Band26(814-824) | 1.4 | 26740 | 6   | #0 | QPSK  | 2458.00 | -32.99 | -13 | PASS |
| Band26(814-824) | 1.4 | 26740 | 1   | #0 | 16QAM | 2456.20 | -30.22 | -13 | PASS |
| Band26(814-824) | 1.4 | 26740 | 6   | #0 | 16QAM | 2457.10 | -30.40 | -13 | PASS |
| Band26(814-824) | 1.4 | 26783 | 1   | #0 | QPSK  | 2468.80 | -27.86 | -13 | PASS |
| Band26(814-824) | 1.4 | 26783 | 6   | #0 | QPSK  | 2470.60 | -31.99 | -13 | PASS |
| Band26(814-824) | 1.4 | 26783 | 1   | #0 | 16QAM | 2468.80 | -28.56 | -13 | PASS |
| Band26(814-824) | 1.4 | 26783 | 6   | #0 | 16QAM | 2470.60 | -31.47 | -13 | PASS |
| Band26(814-824) | 3   | 26705 | 1   | #0 | QPSK  | 2443.60 | -26.60 | -13 | PASS |
| Band26(814-824) | 3   | 26705 | 15  | #0 | QPSK  | 2447.20 | -34.15 | -13 | PASS |
| Band26(814-824) | 3   | 26705 | 1   | #0 | 16QAM | 2443.60 | -24.88 | -13 | PASS |
| Band26(814-824) | 3   | 26705 | 15  | #0 | 16QAM | 2447.20 | -30.93 | -13 | PASS |
| Band26(814-824) | 3   | 26740 | 1   | #0 | QPSK  | 2453.50 | -22.66 | -13 | PASS |
| Band26(814-824) | 3   | 26740 | 15  | #0 | QPSK  | 2457.10 | -32.38 | -13 | PASS |
| Band26(814-824) | 3   | 26740 | 1   | #0 | 16QAM | 2453.50 | -24.63 | -13 | PASS |
| Band26(814-824) | 3   | 26740 | 15  | #0 | 16QAM | 2457.10 | -32.08 | -13 | PASS |
| Band26(814-824) | 3   | 26775 | 1   | #0 | QPSK  | 2464.30 | -26.43 | -13 | PASS |
| Band26(814-824) | 3   | 26775 | 15  | #0 | QPSK  | 2467.90 | -36.52 | -13 | PASS |
| Band26(814-824) | 3   | 26775 | 1   | #0 | 16QAM | 2464.30 | -29.33 | -13 | PASS |