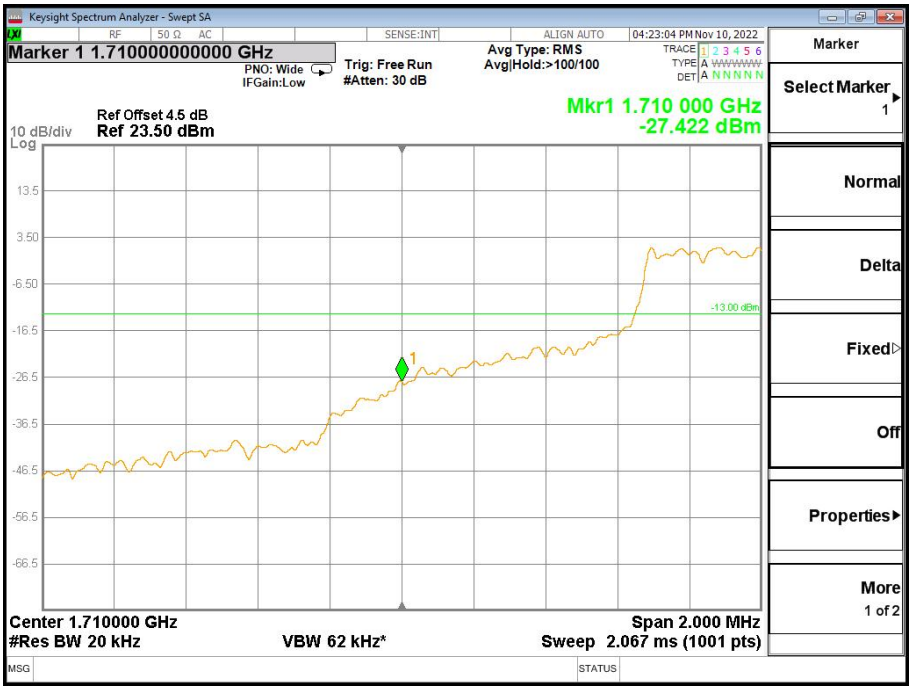
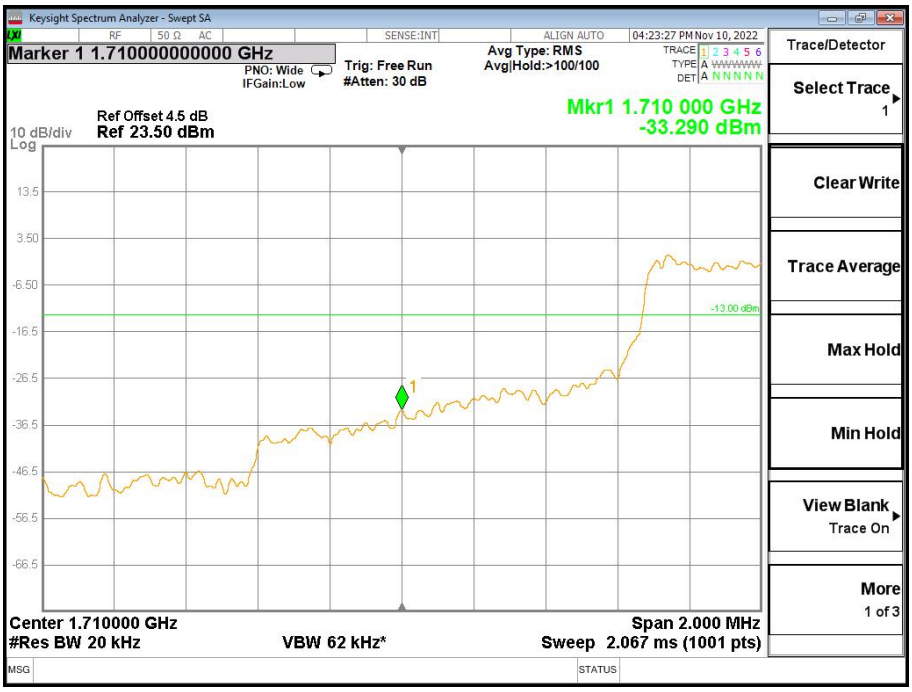
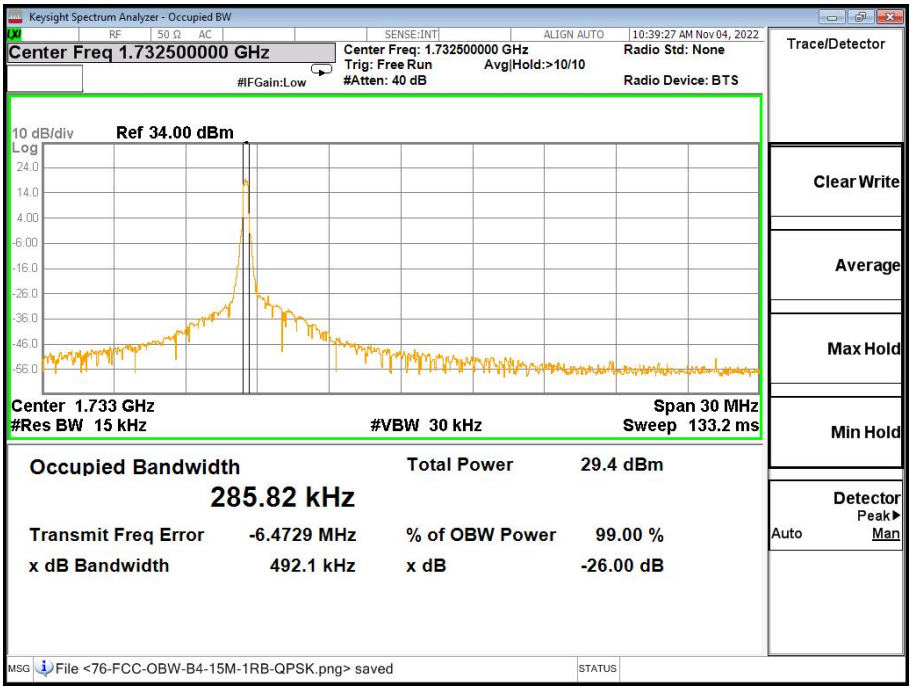
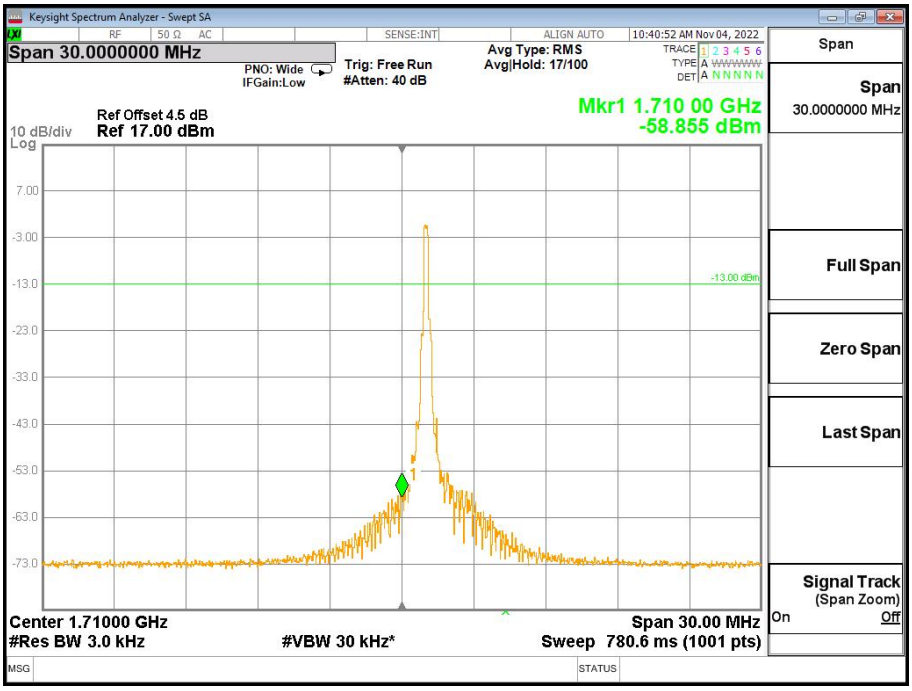


Band4-Low Channel-10MHz Bandwidth-5RB-16QAM

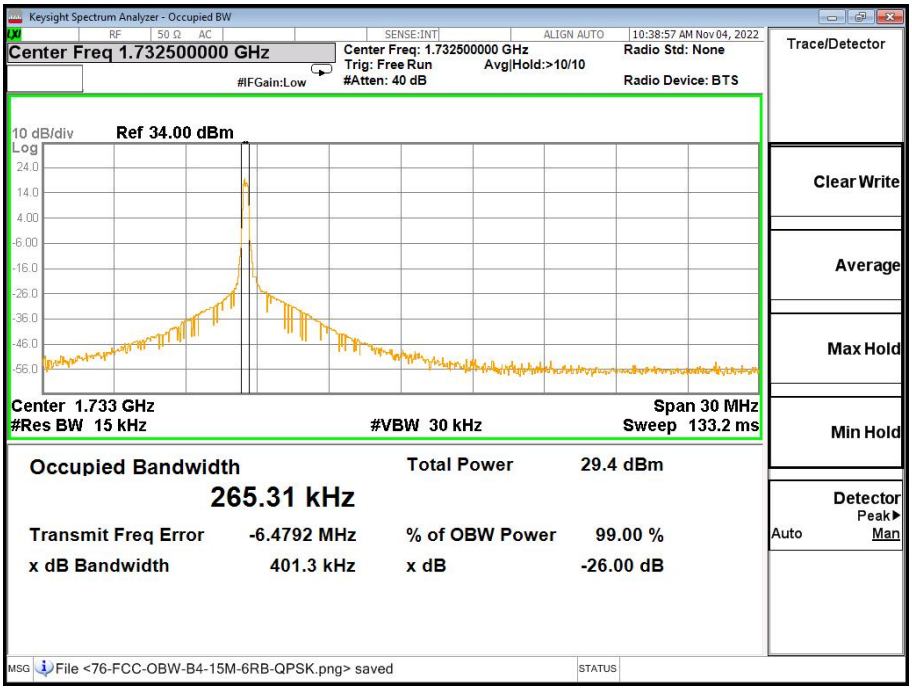


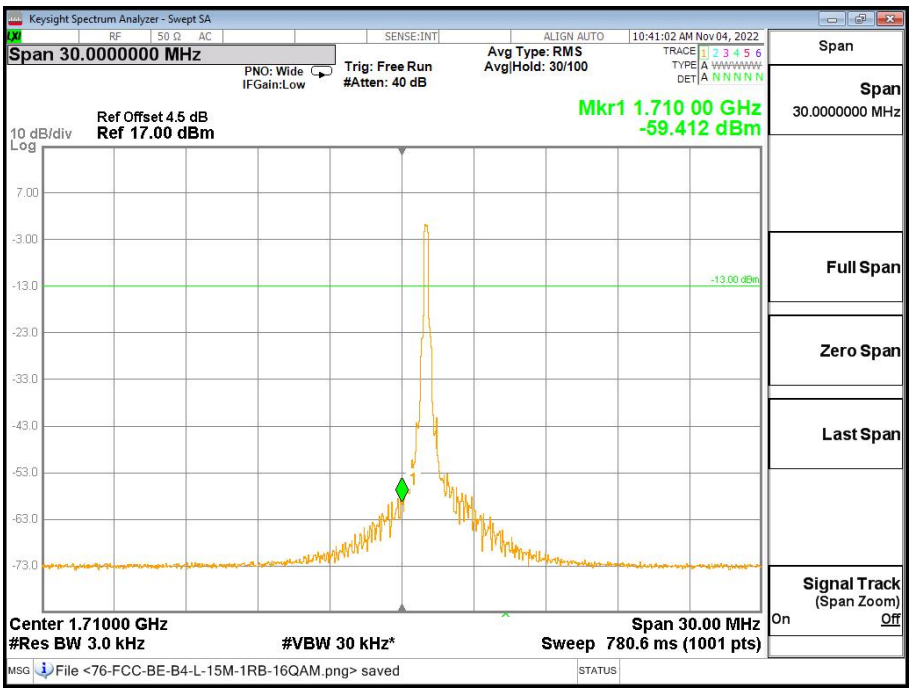
Band4-Low Channel-10MHz Bandwidth-6RB-QPSK



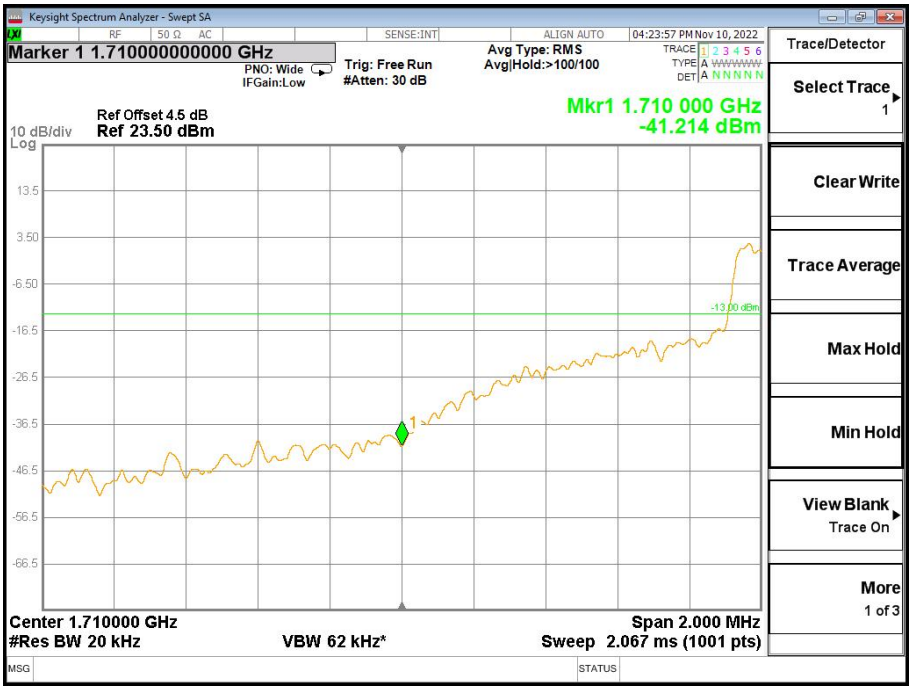


Band4-Low Channel-15MHz Bandwidth-1RB-16QAM

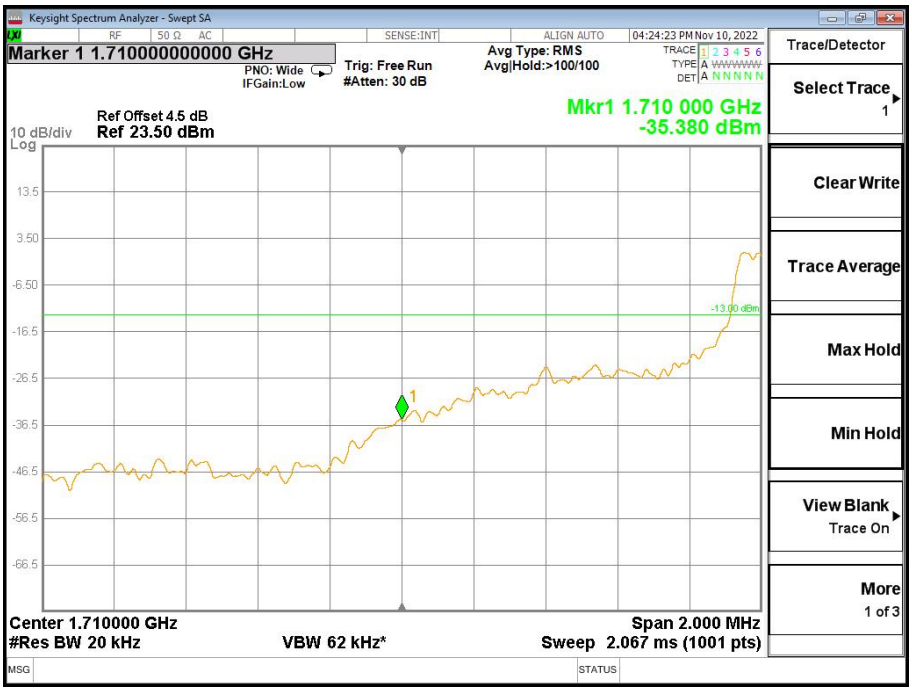




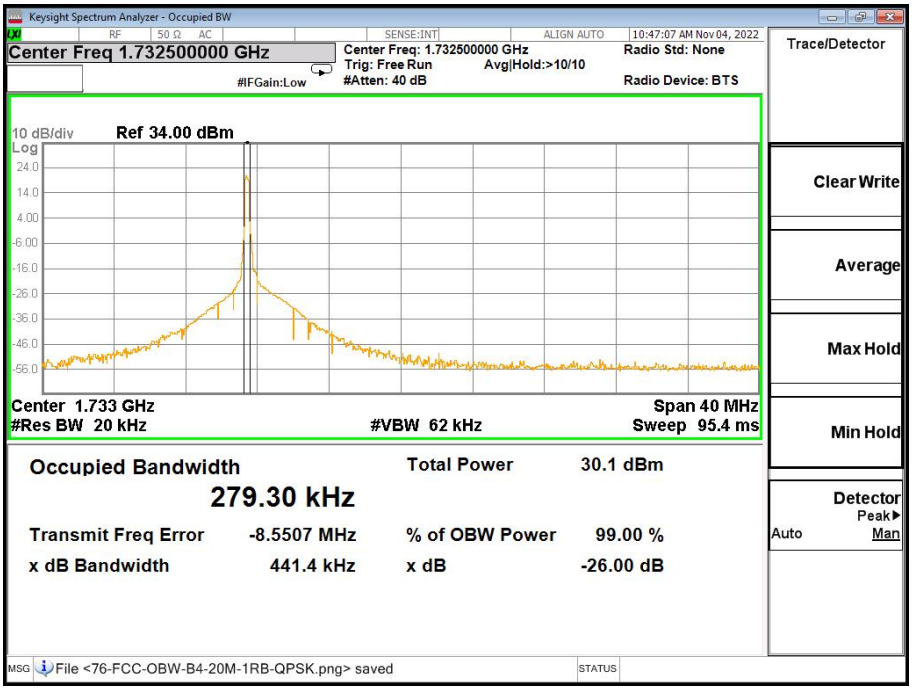
Band4-Low Channel-15MHz Bandwidth-1RB-QPSK

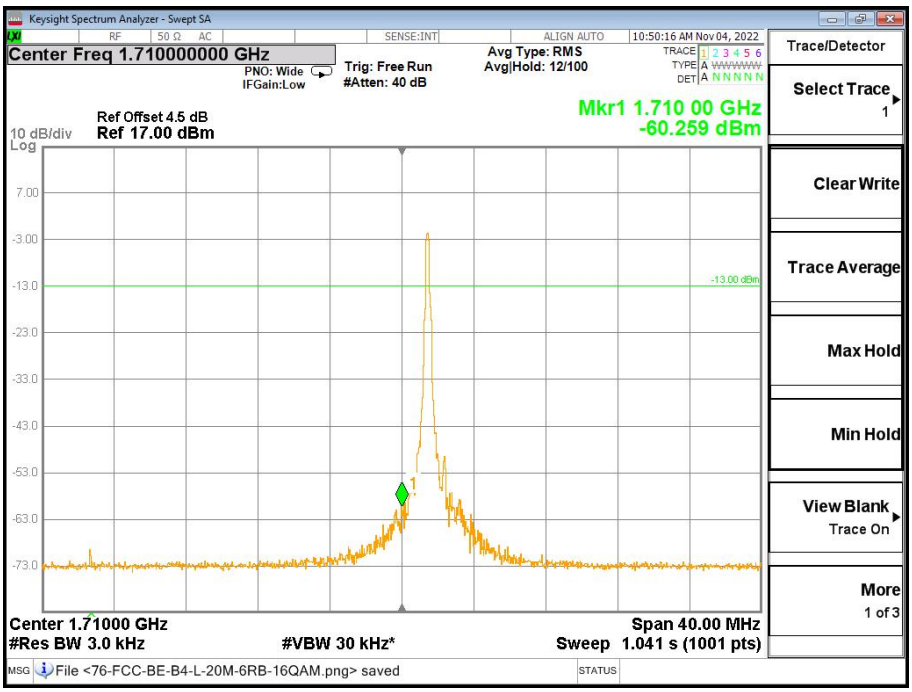


Band4-Low Channel-15MHz Bandwidth-5RB-16QAM

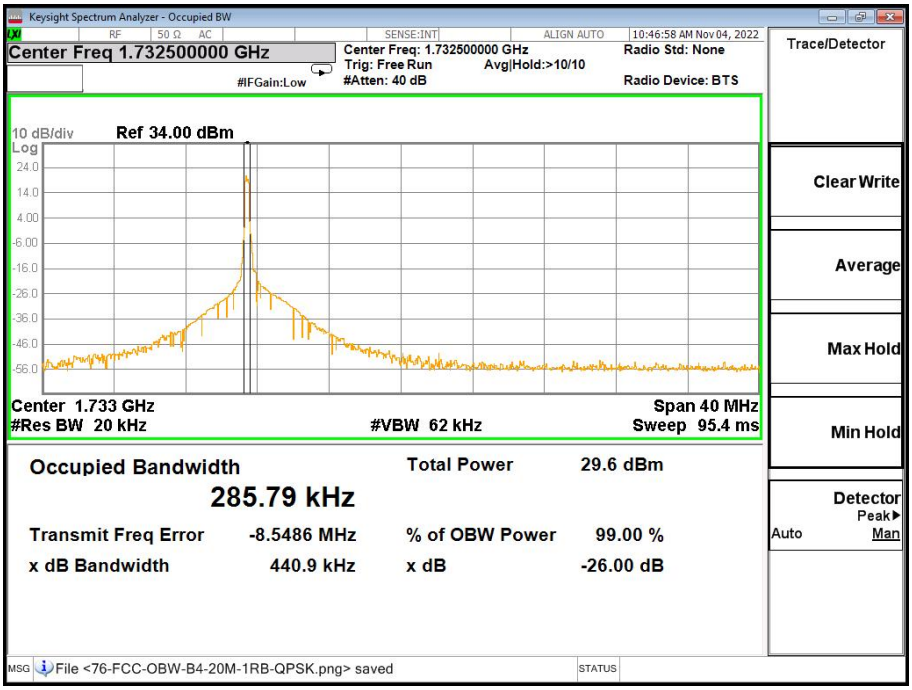


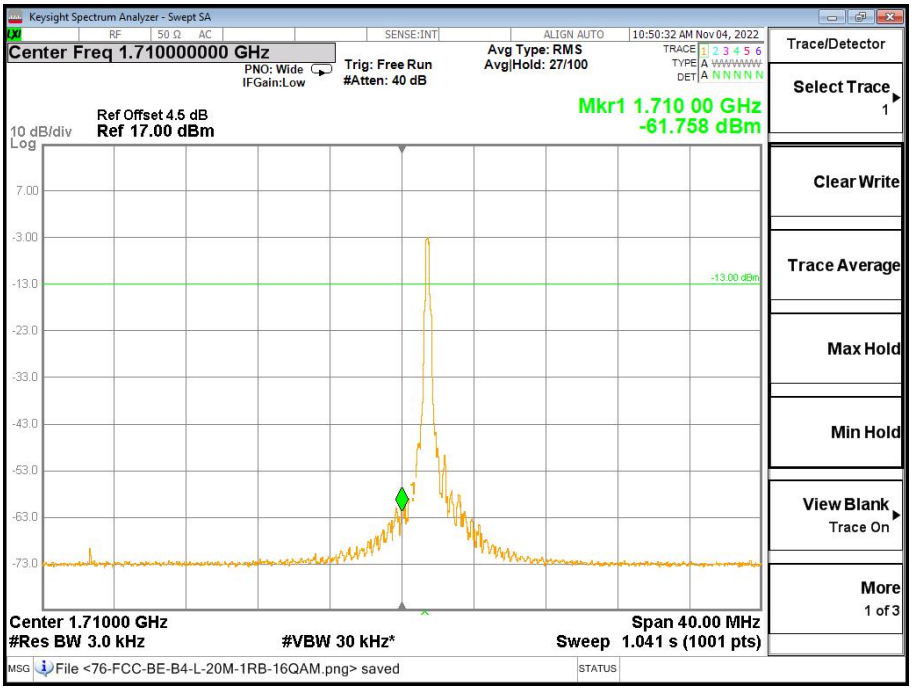
Band4-Low Channel-15MHz Bandwidth-6RB-QPSK



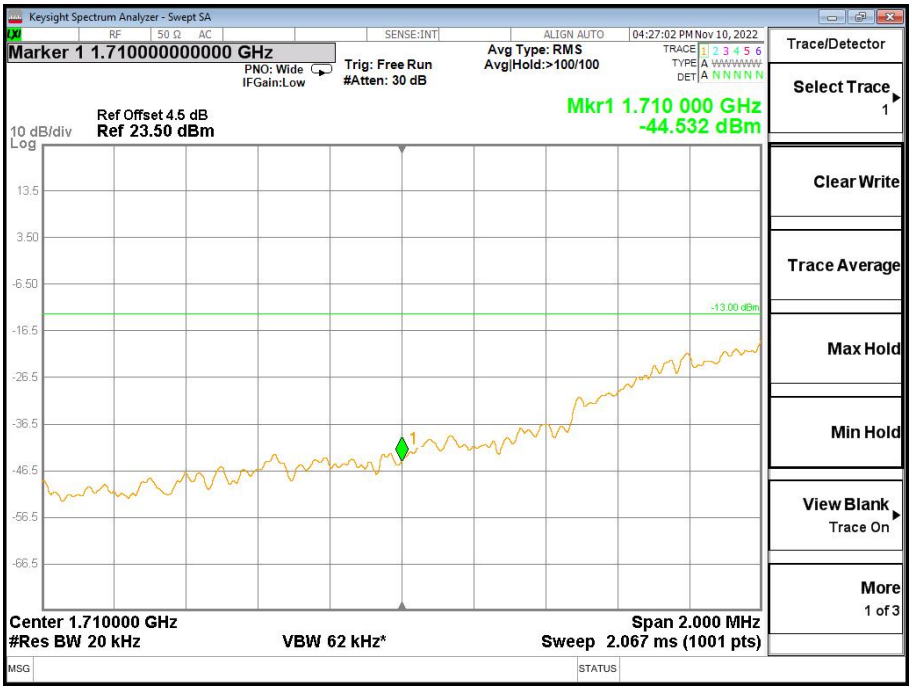


Band4-Low Channel-20MHz Bandwidth-1RB-16QAM

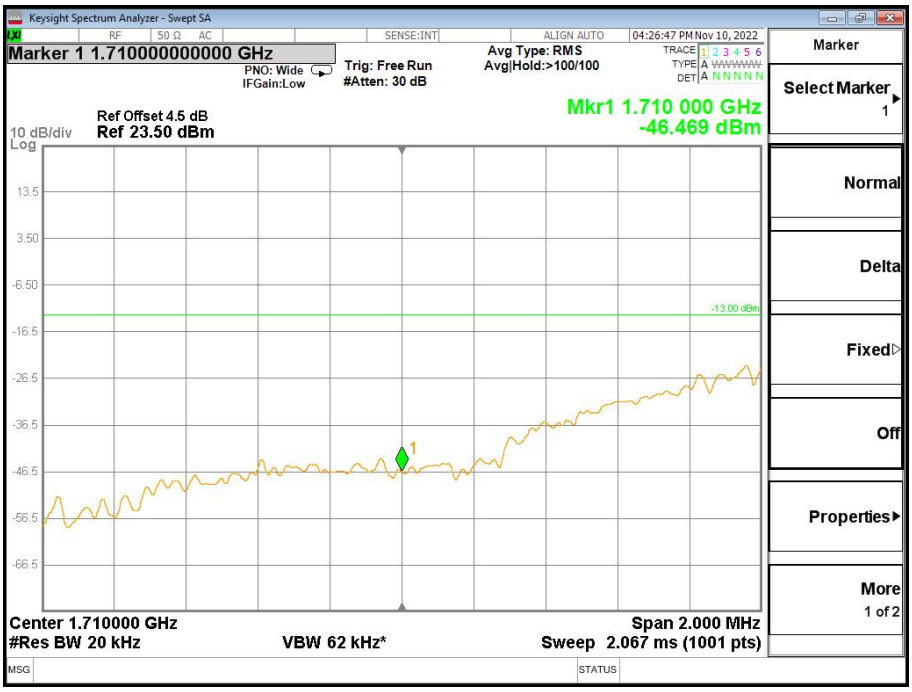




Band4-Low Channel-20MHz Bandwidth-1RB-QPSK

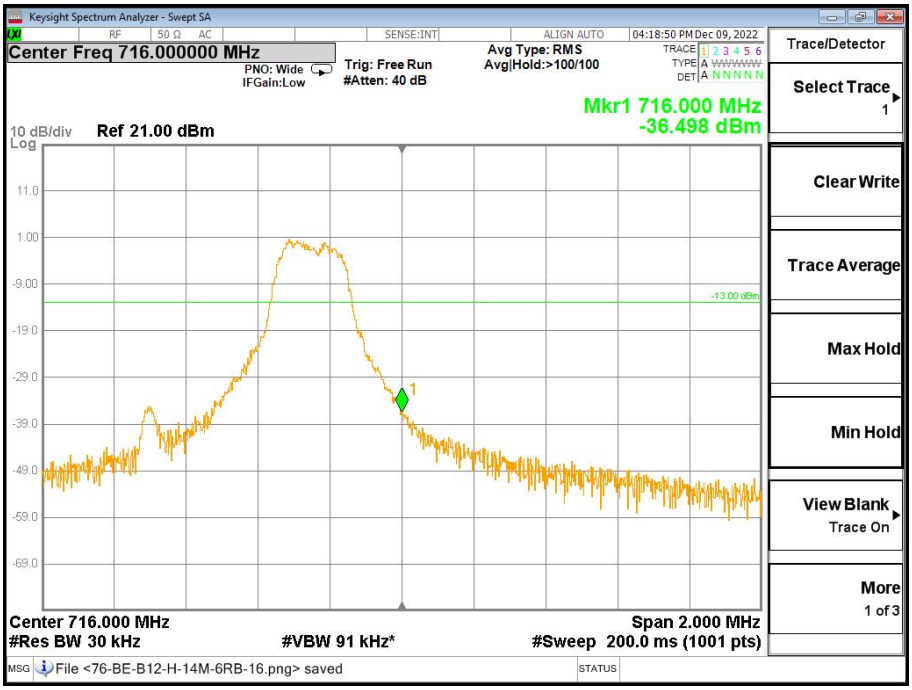


Band4-Low Channel-20MHz Bandwidth-5RB-16QAM

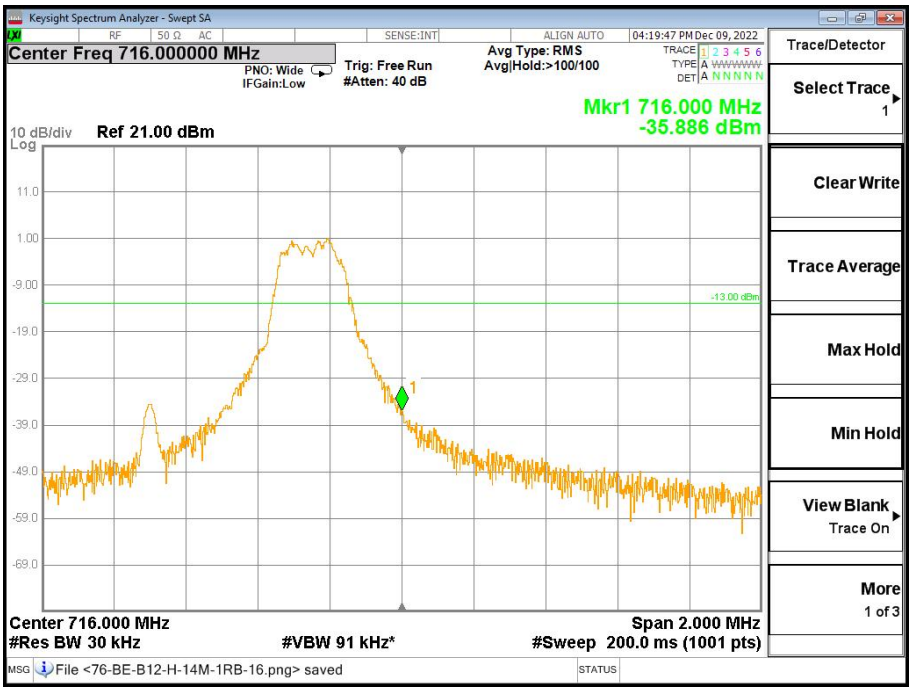


Band4-Low Channel-20MHz Bandwidth-6RB-QPSK

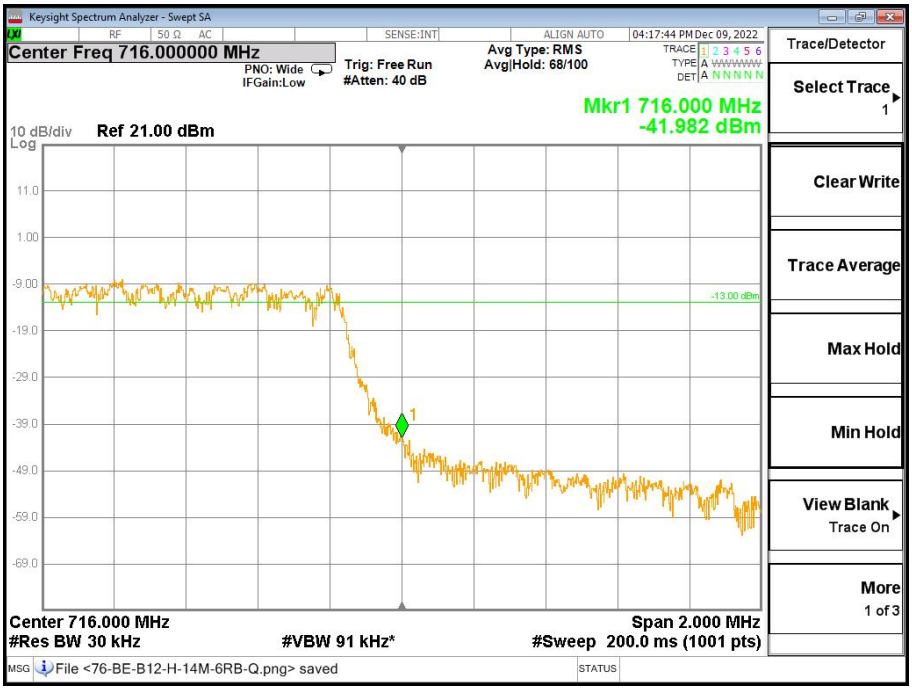
6.7.3 CAT-M Band 12 Edge Results



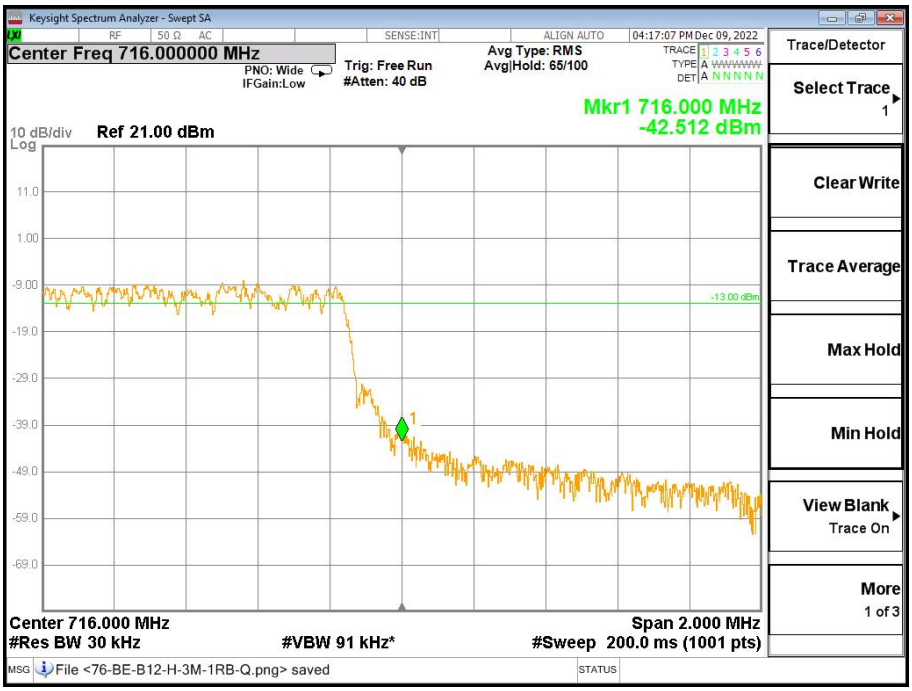
High Channel-1.4MHz Bandwidth-1RB-16QAM



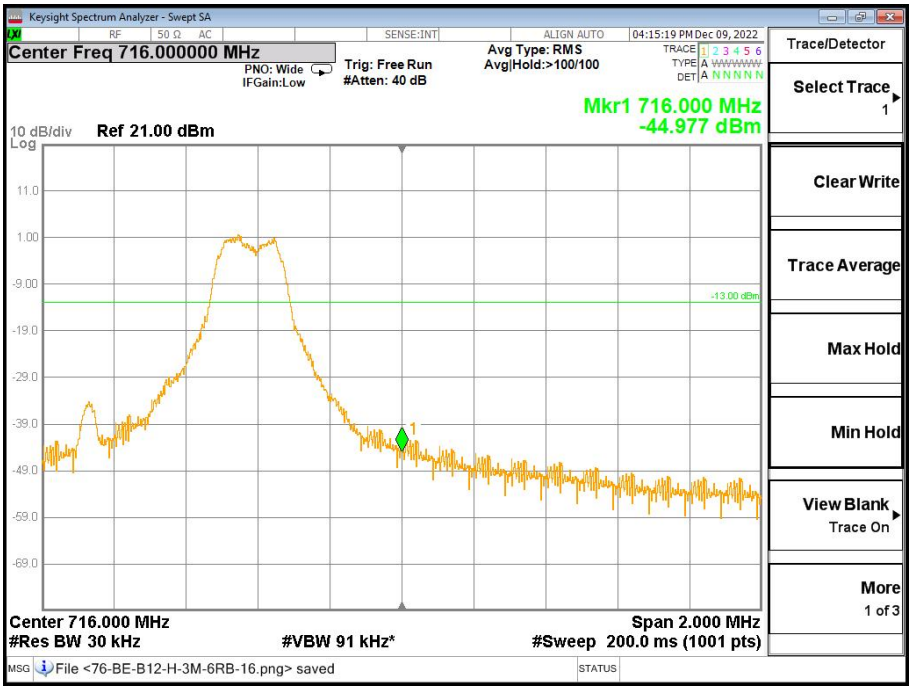
High Channel-1.4MHz Bandwidth-1RB-QPSK



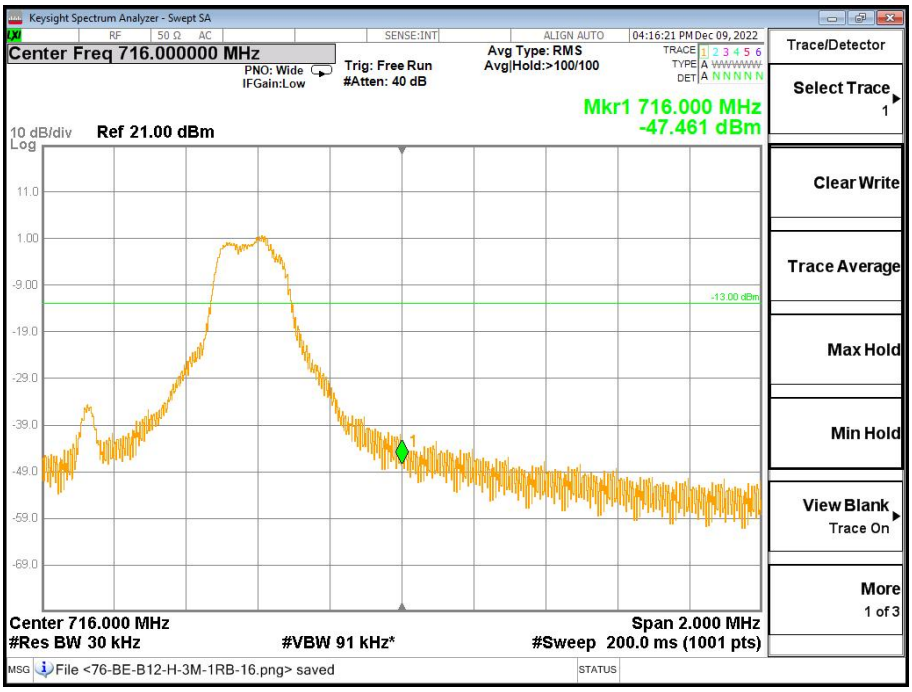
High Channel-1.4MHz Bandwidth-5RB-16QAM



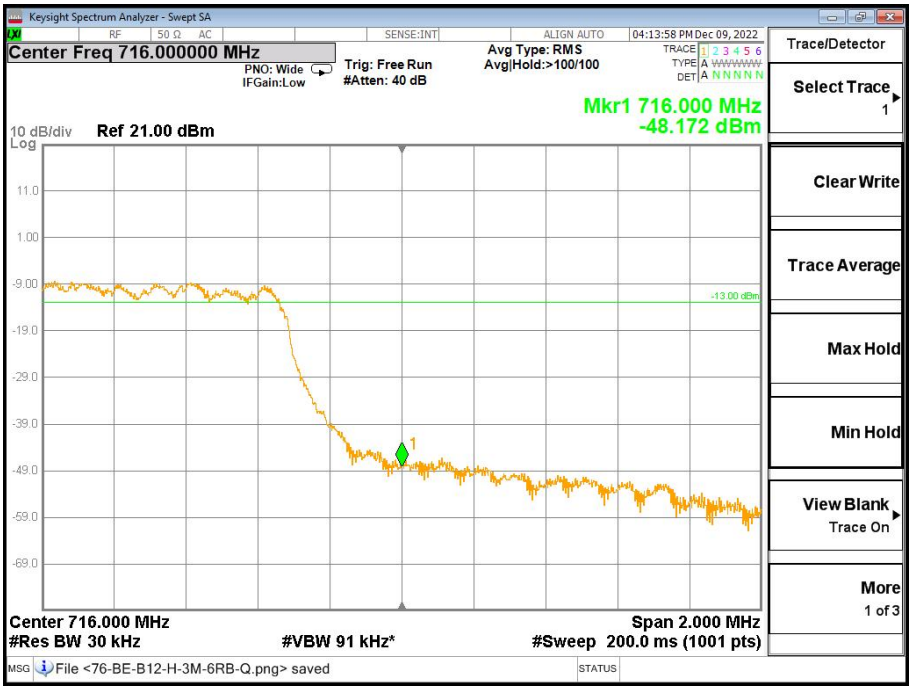
High Channel-1.4MHz Bandwidth-6RB-QPSK



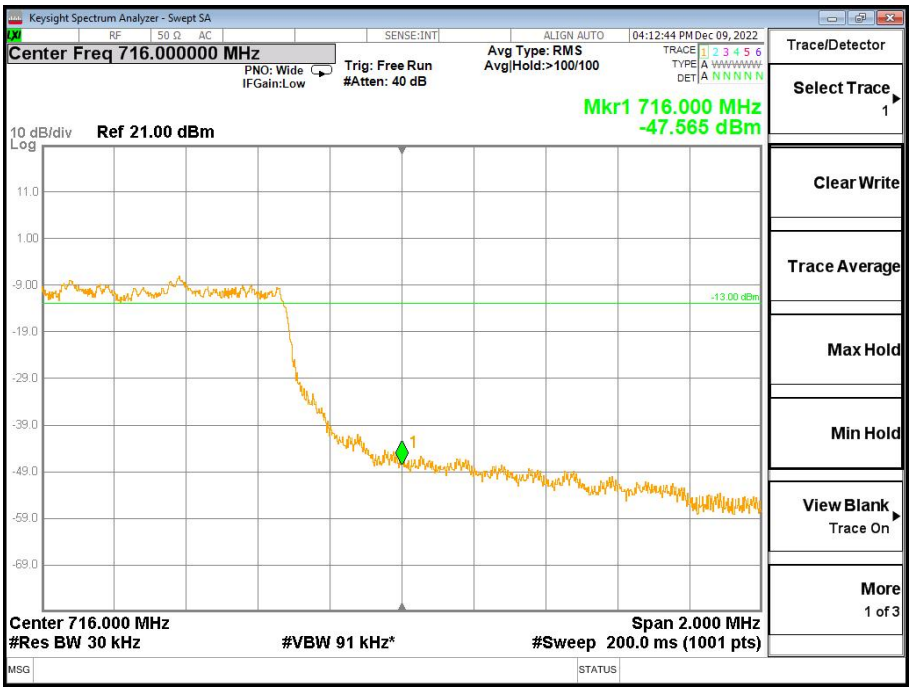
High Channel-3MHz Bandwidth-1RB-16QAM



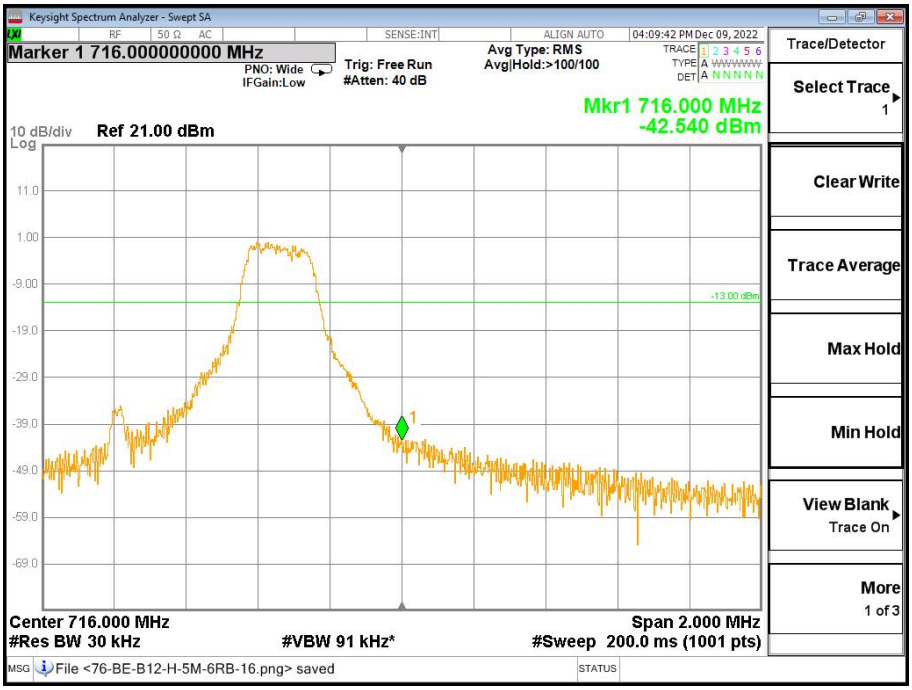
High Channel-3MHz Bandwidth-1RB-QPSK



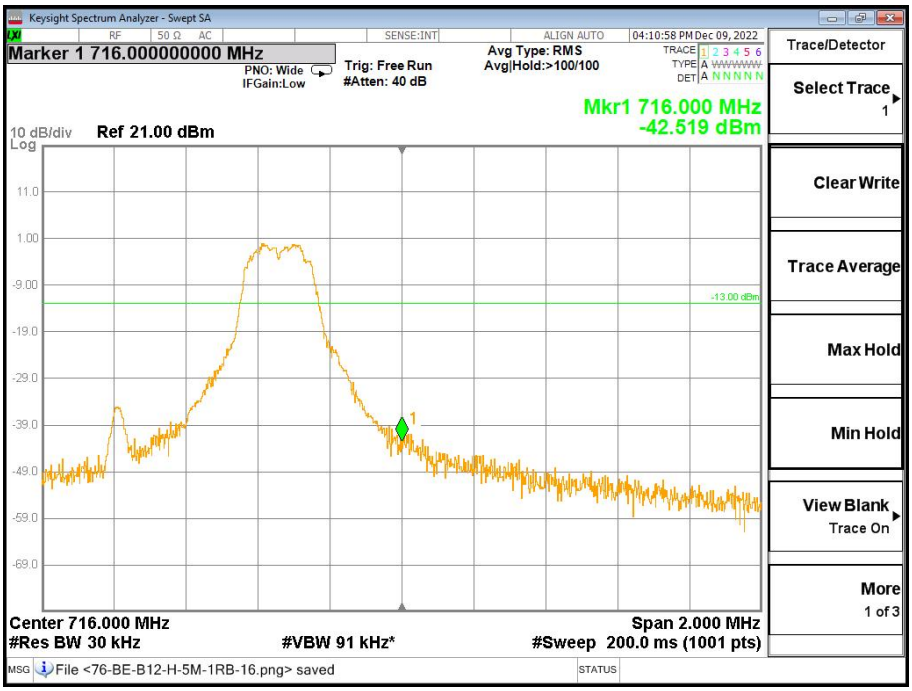
High Channel-3MHz Bandwidth-5RB-16QAM



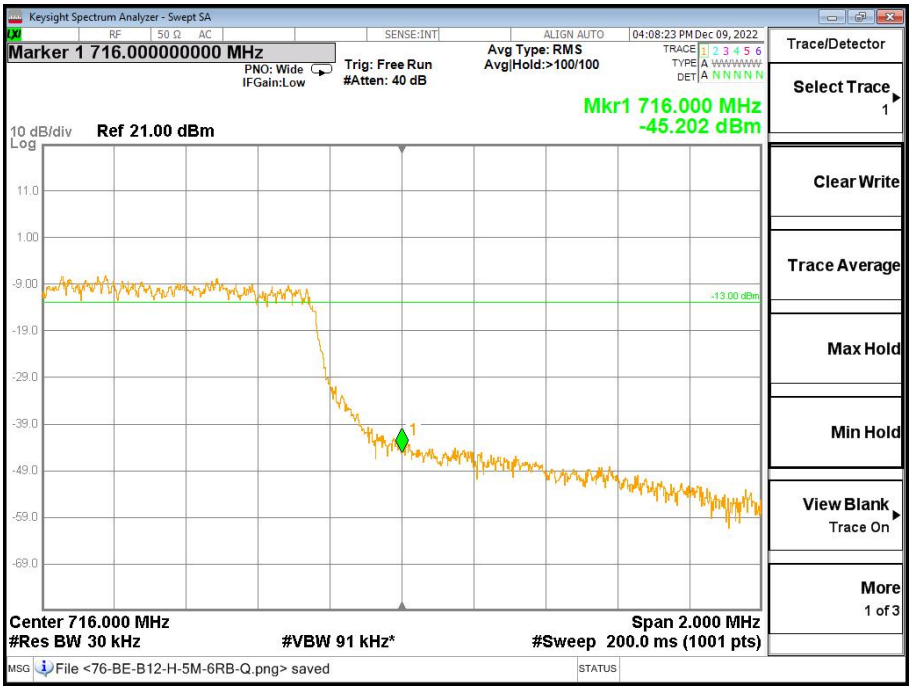
High Channel-3MHz Bandwidth-6RB-QPSK



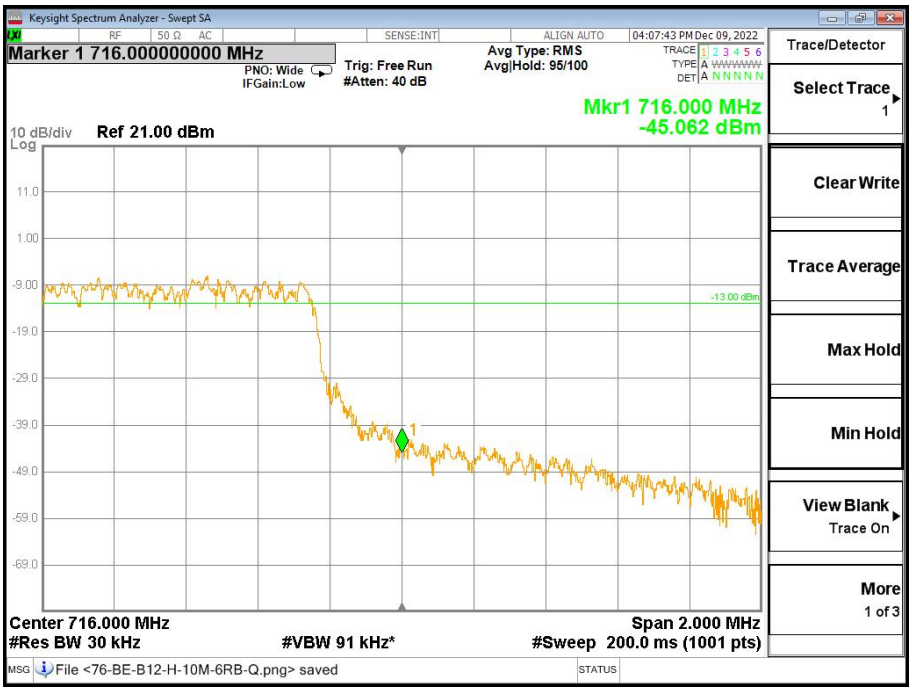
High Channel-5MHz Bandwidth-1RB-16QAM



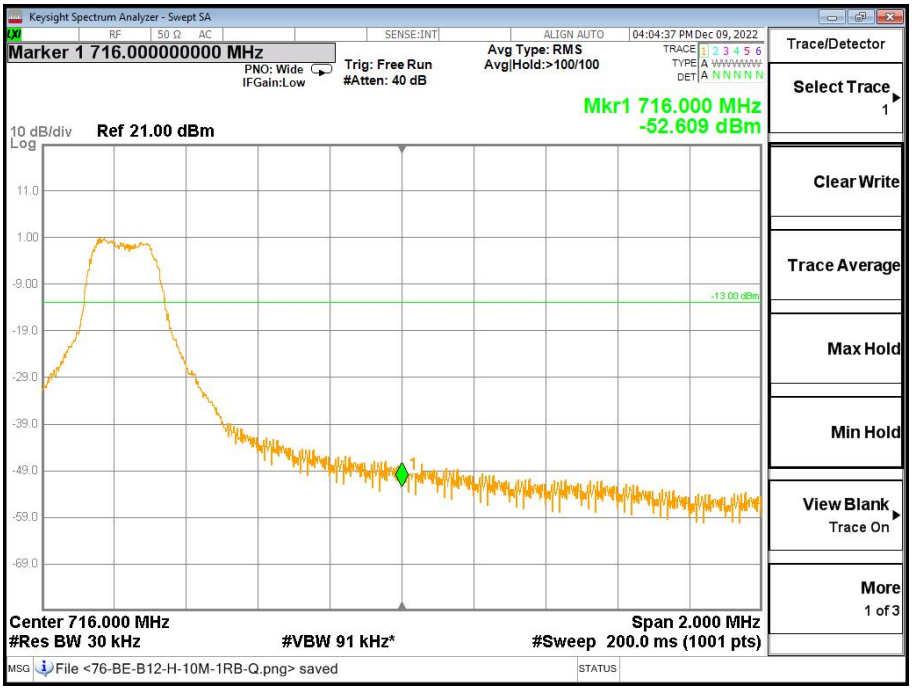
High Channel-5MHz Bandwidth-1RB-QPSK



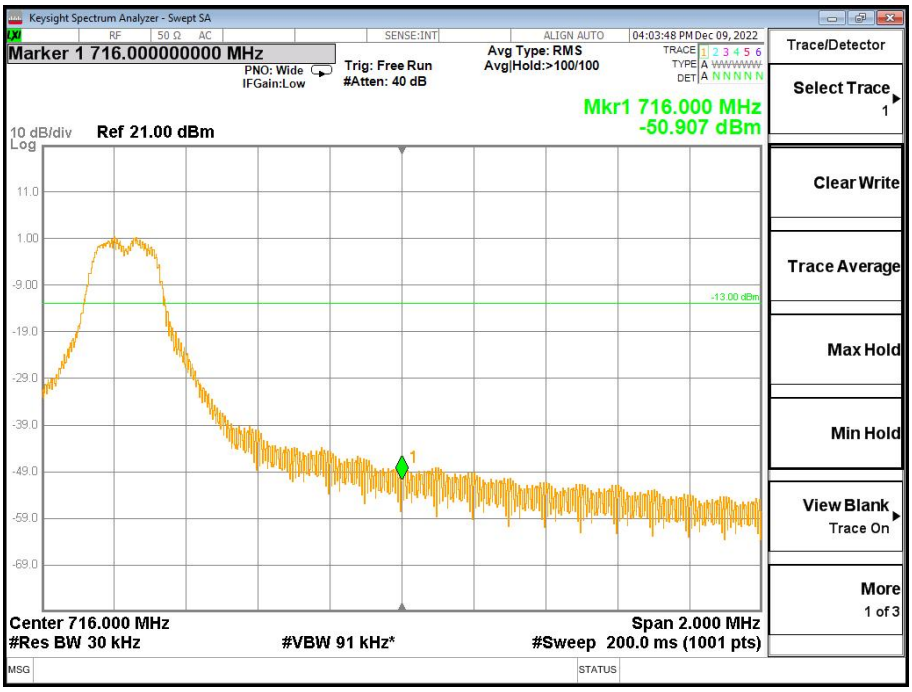
High Channel-5MHz Bandwidth-5RB-16QAM



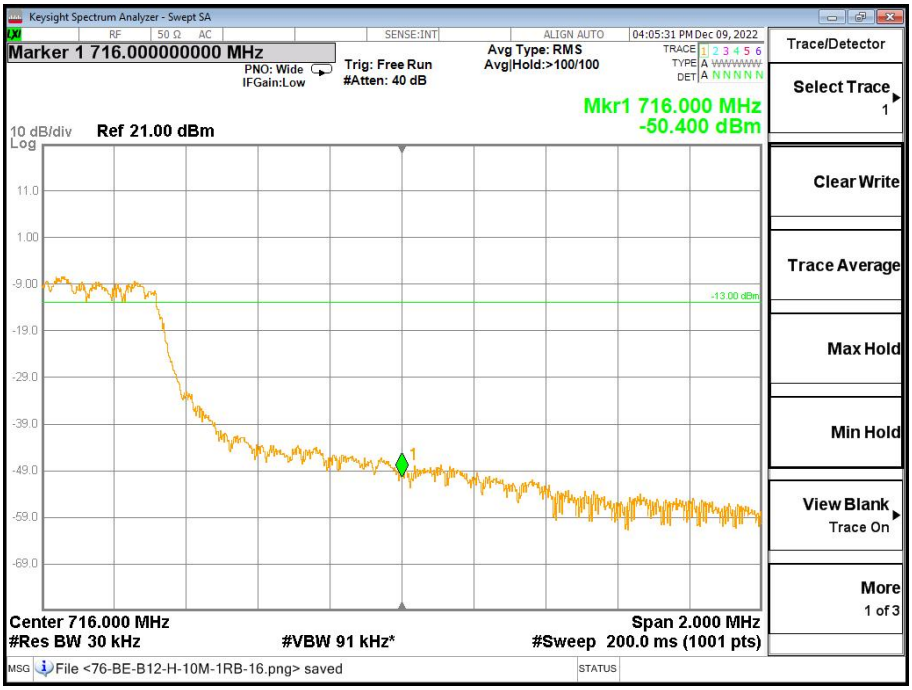
High Channel-5MHz Bandwidth-6RB-QPSK



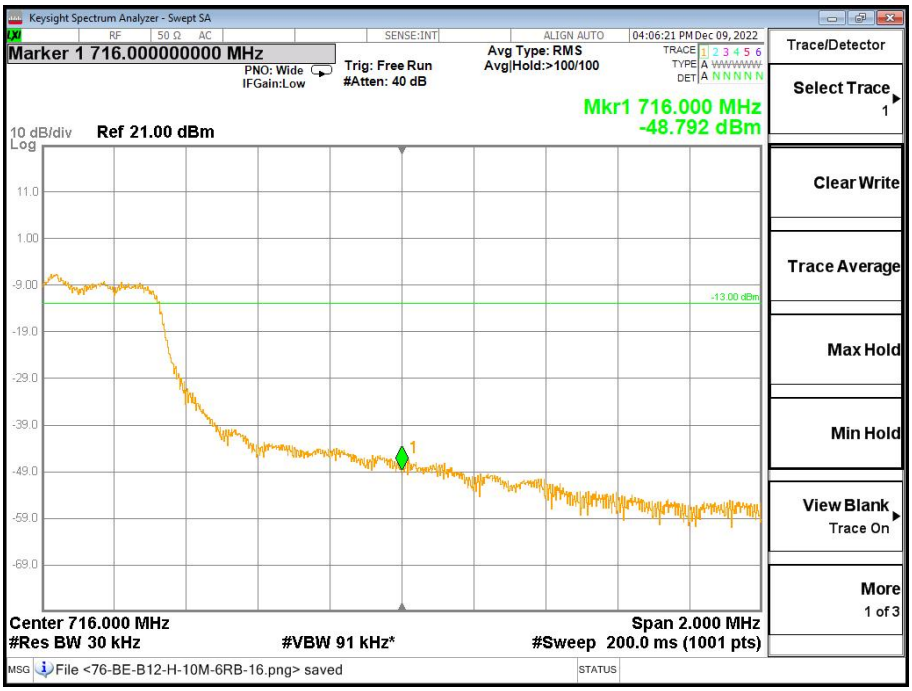
High Channel-10MHz Bandwidth-1RB-16QAM



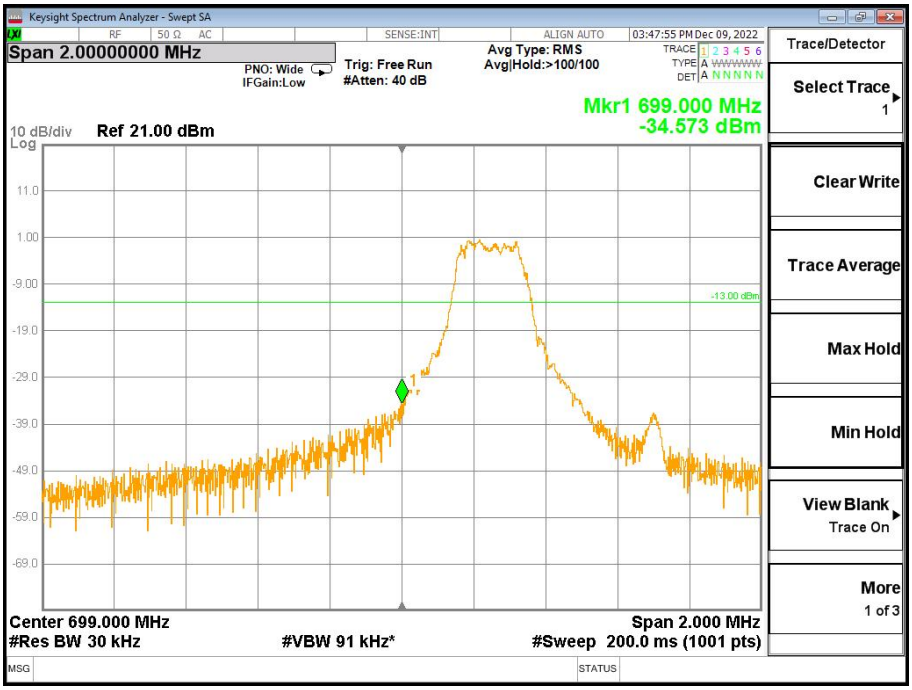
High Channel-10MHz Bandwidth-1RB-QPSK



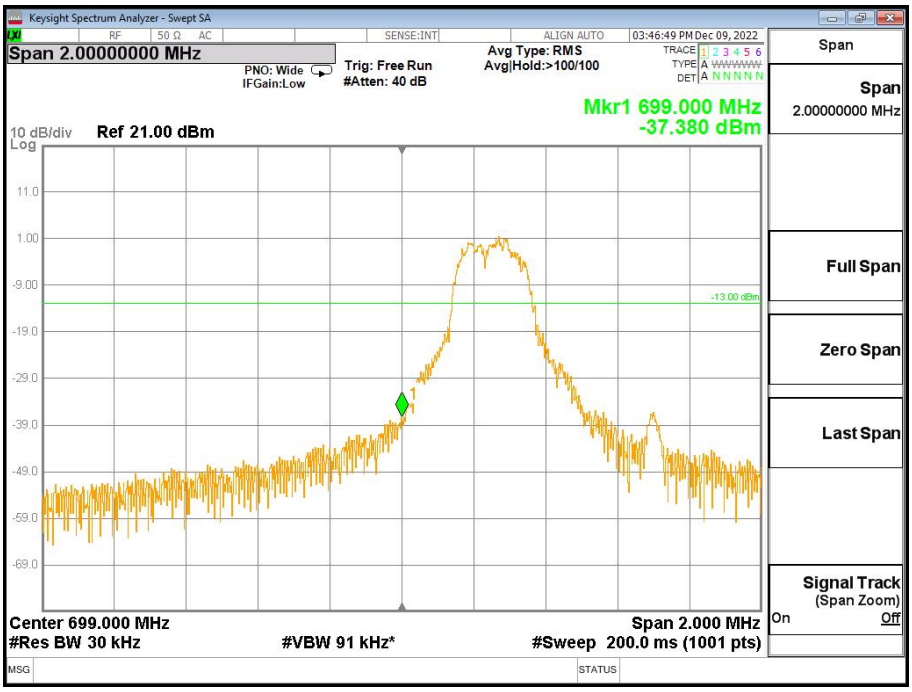
High Channel-10MHz Bandwidth-5RB-16QAM



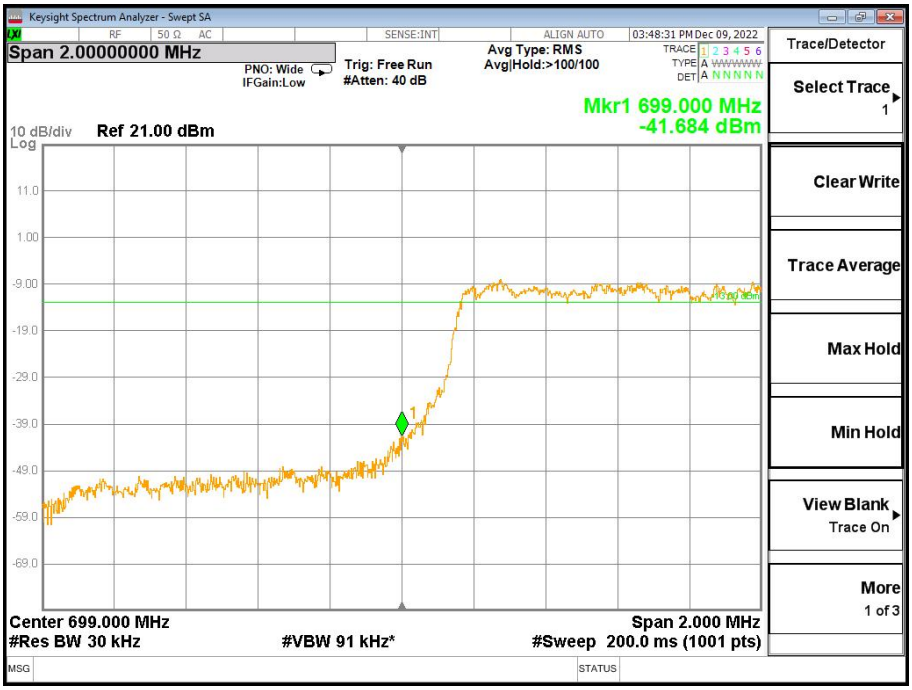
High Channel-10MHz Bandwidth-6RB-QPSK



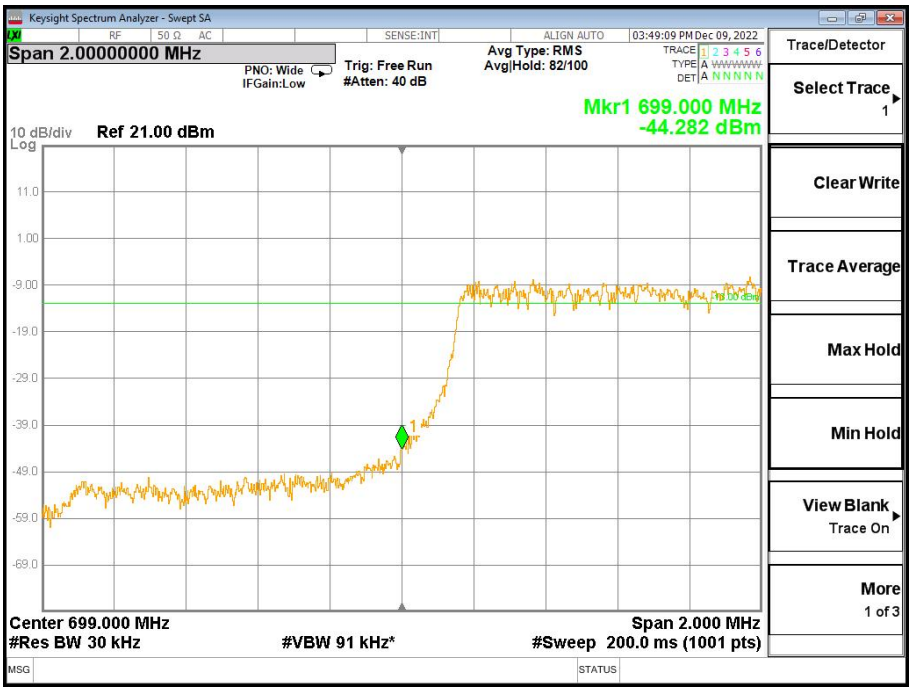
Low Channel-1.4MHz Bandwidth-1RB-16QAM



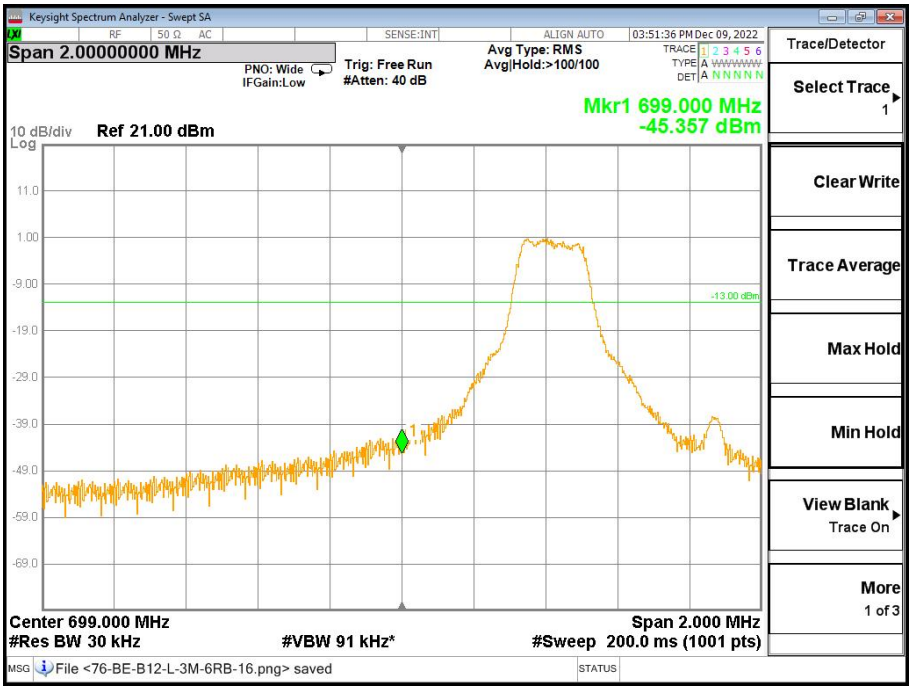
Low Channel-1.4MHz Bandwidth-1RB-QPSK



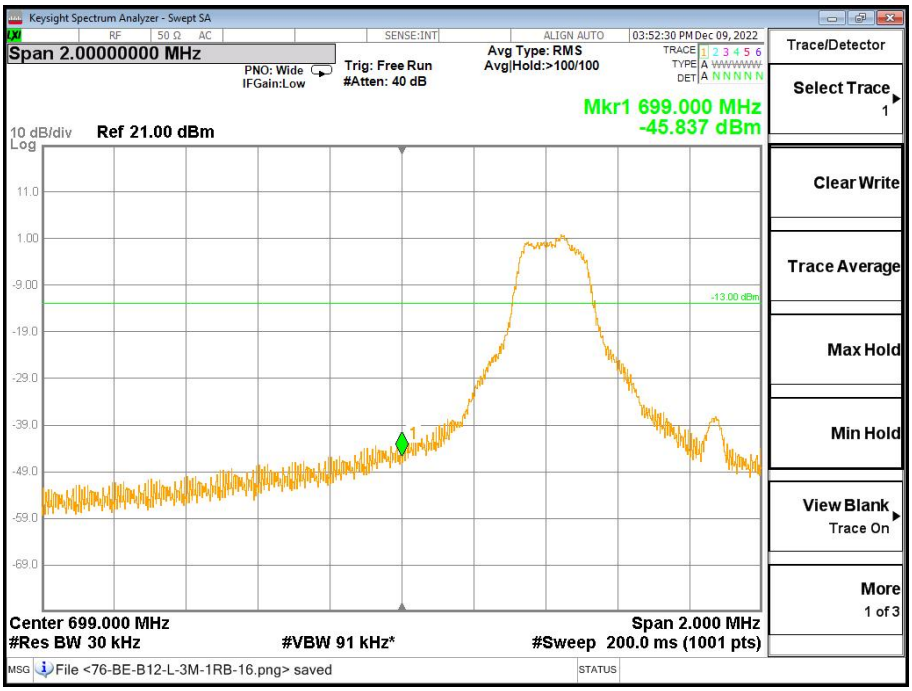
Low Channel-1.4MHz Bandwidth-5RB-16QAM



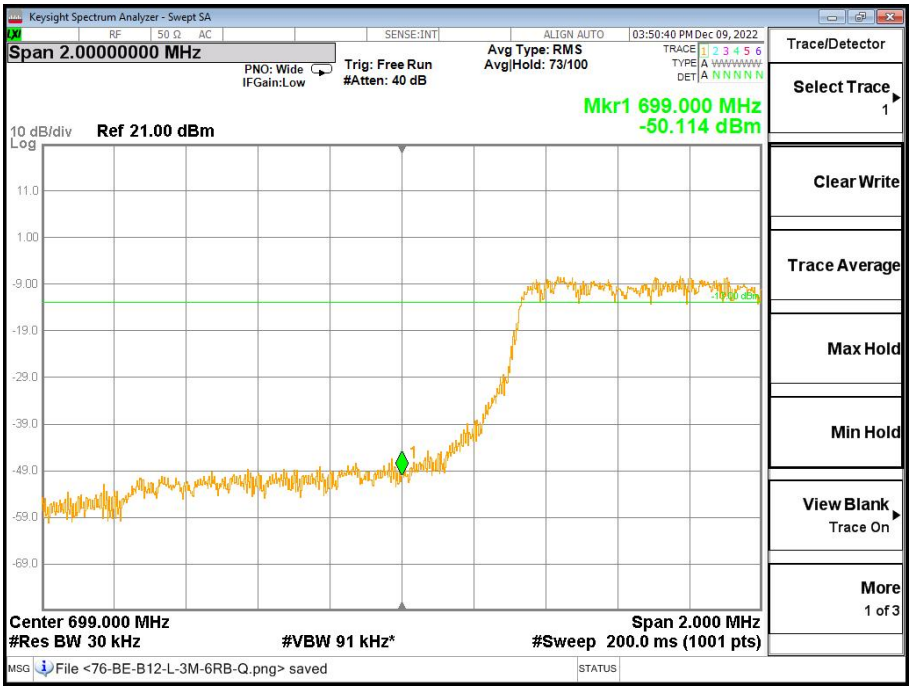
Low Channel-1.4MHz Bandwidth-6RB-QPSK



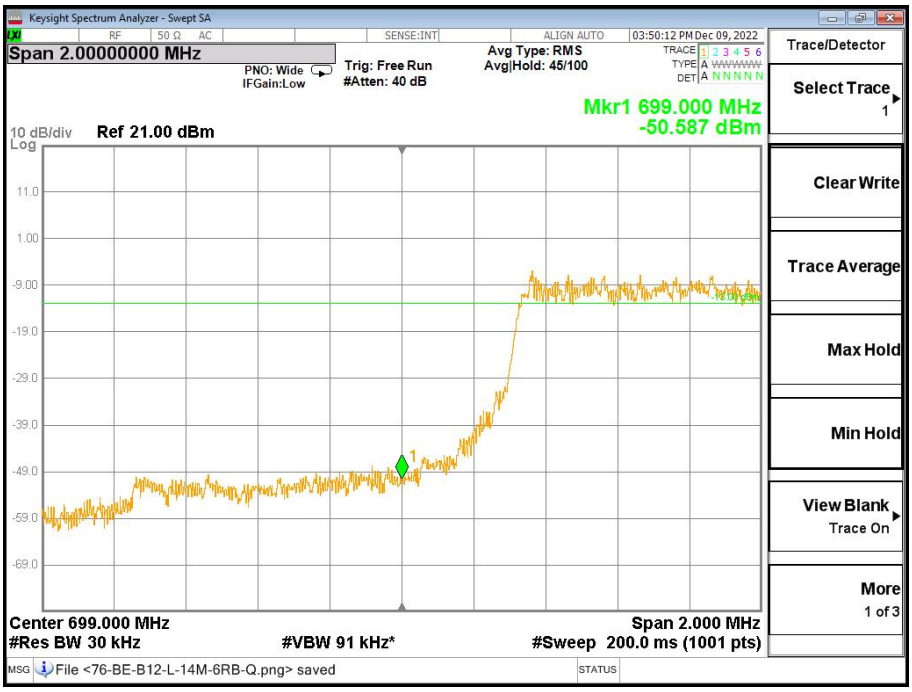
Low Channel-3MHz Bandwidth-1RB-16QAM



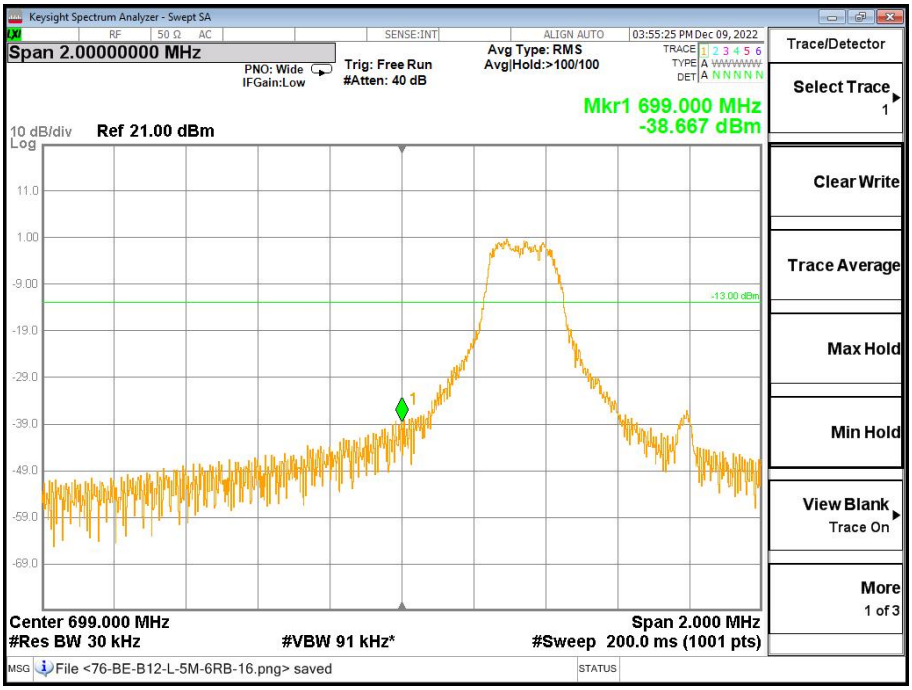
Low Channel-3MHz Bandwidth-1RB-QPSK



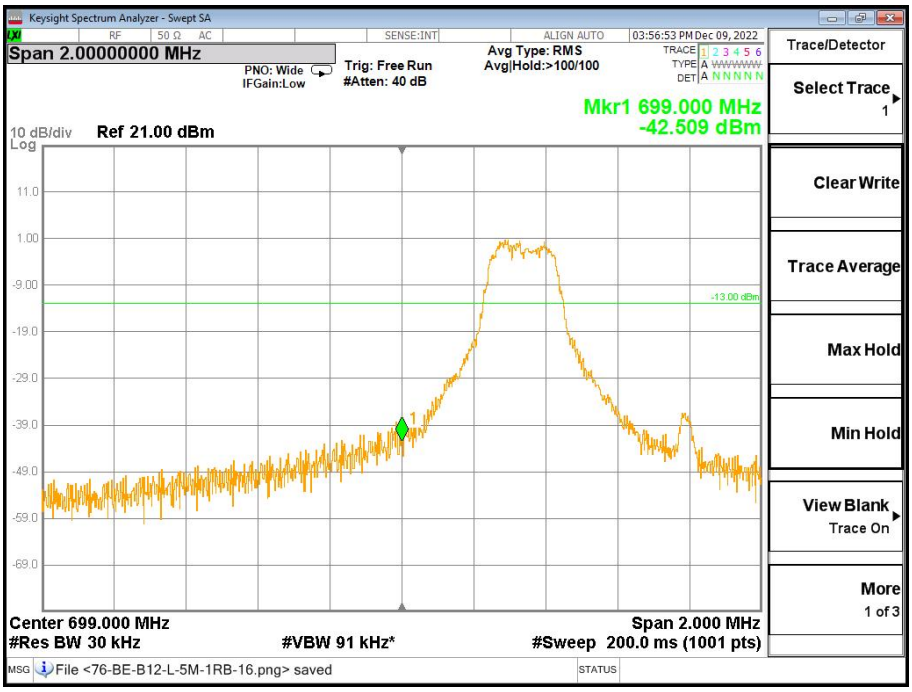
Low Channel-3MHz Bandwidth-5RB-16QAM



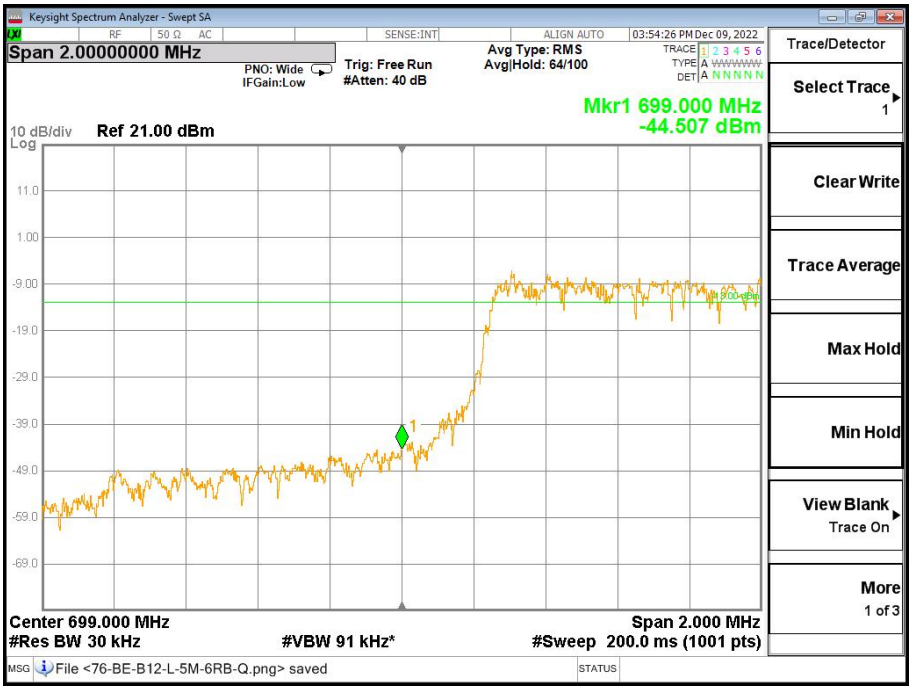
Low Channel-3MHz Bandwidth-6RB-QPSK



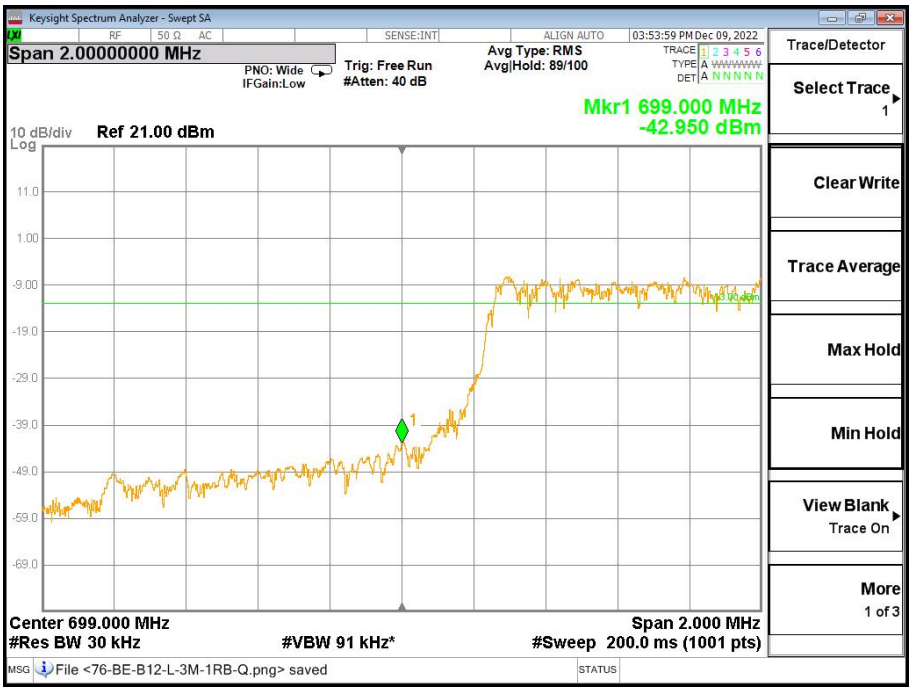
Low Channel-5MHz Bandwidth-1RB-16QAM



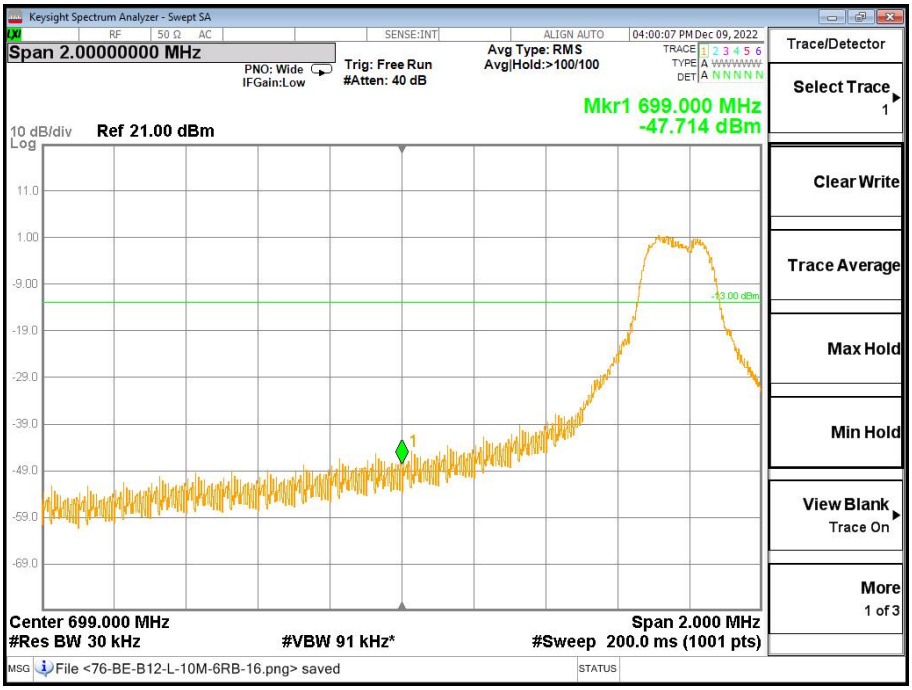
Low Channel-5MHz Bandwidth-1RB-QPSK



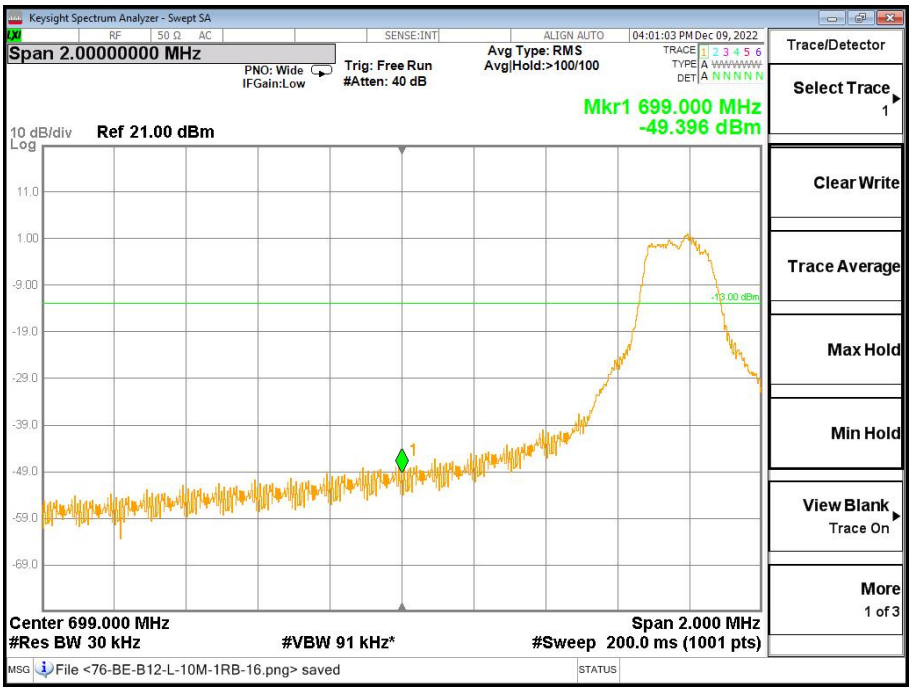
Low Channel-5MHz Bandwidth-5RB-16QAM



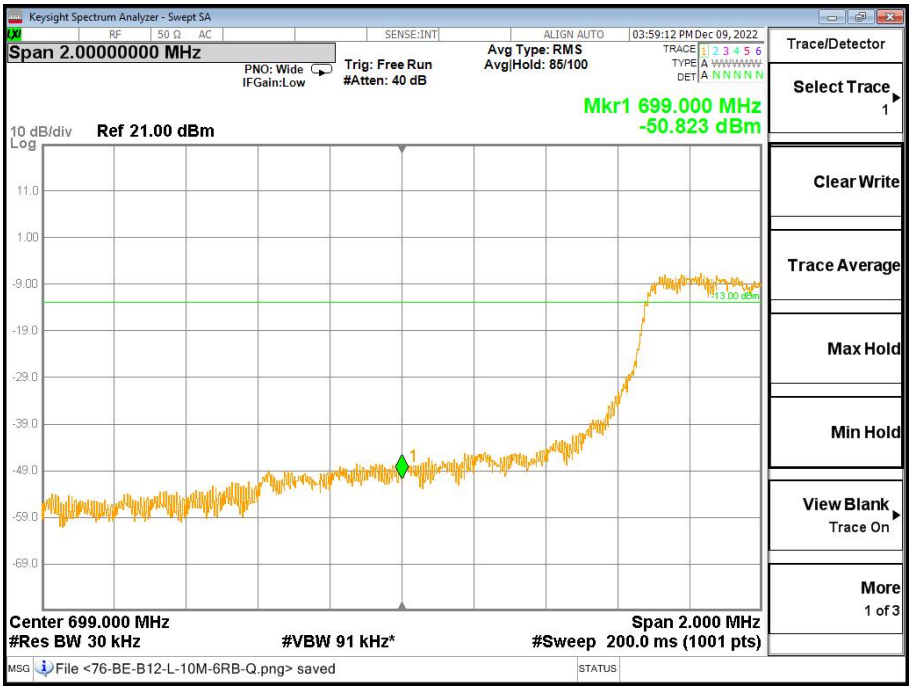
Low Channel-5MHz Bandwidth-6RB-QPSK



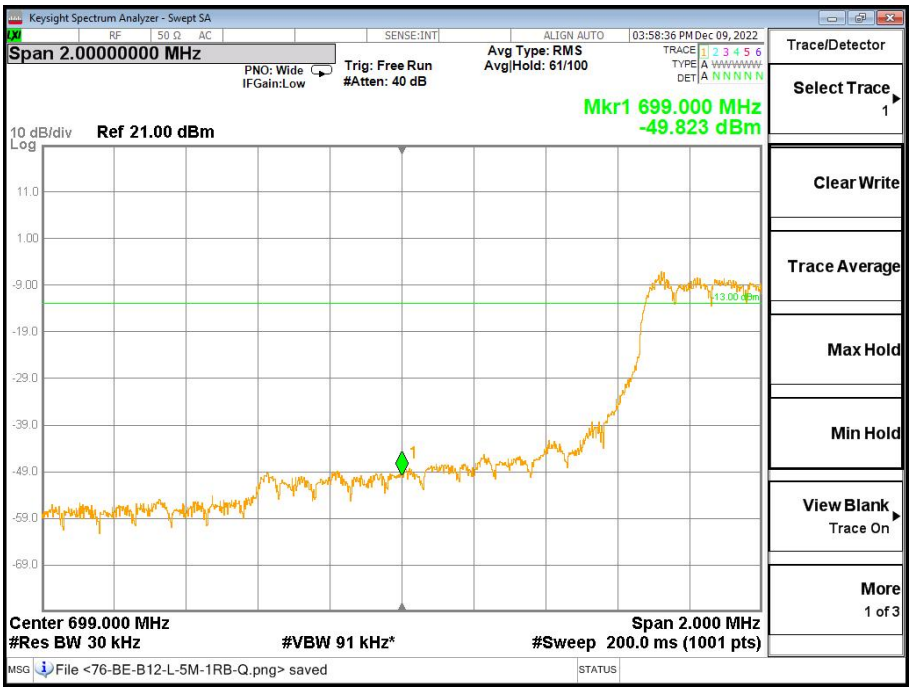
Low Channel-10MHz Bandwidth-1RB-16QAM



Low Channel-10MHz Bandwidth-1RB-QPSK



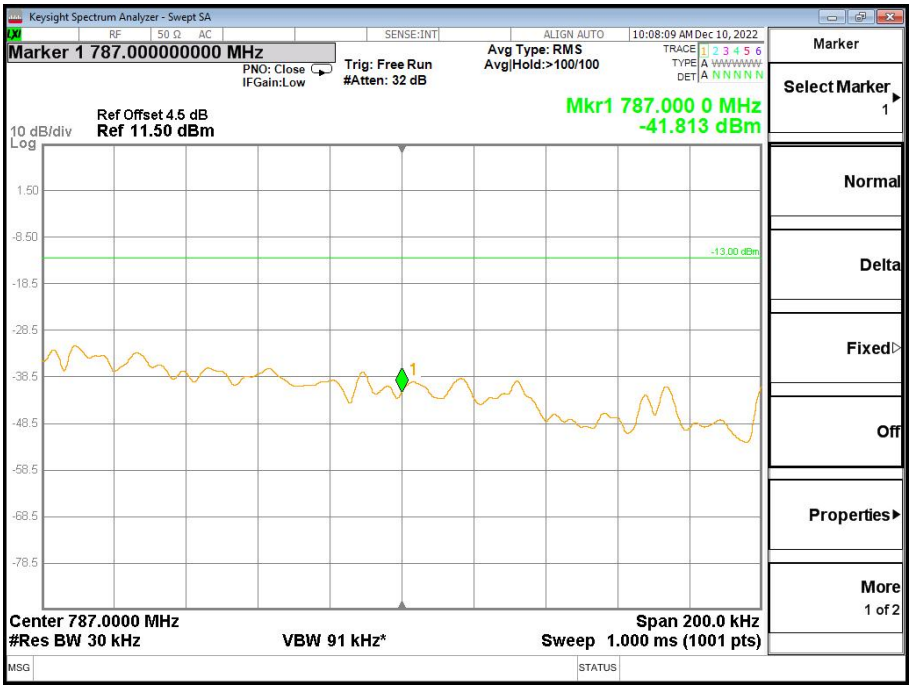
Low Channel-10MHz Bandwidth-5RB-16QAM

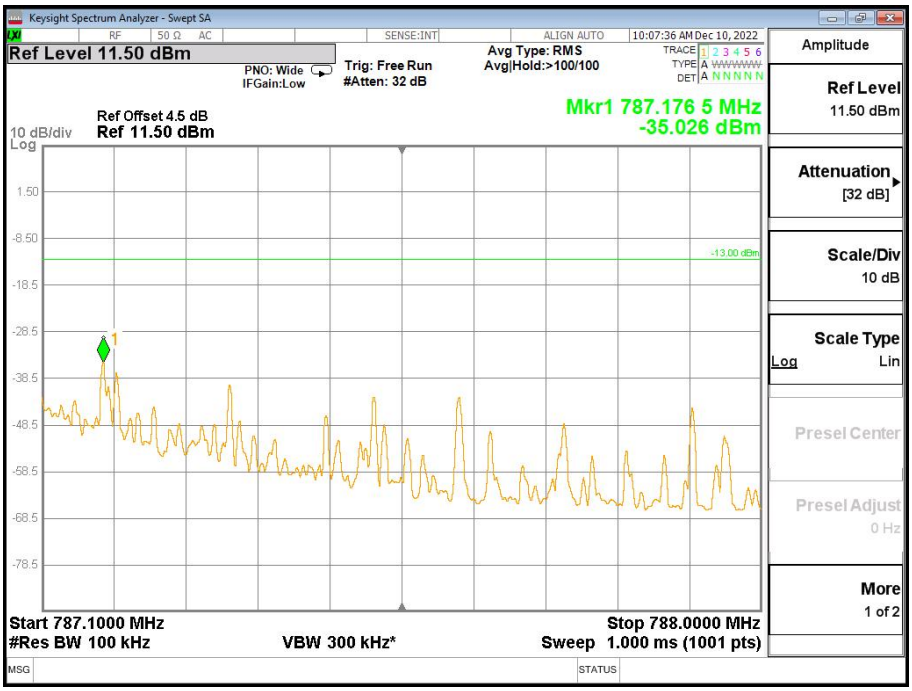


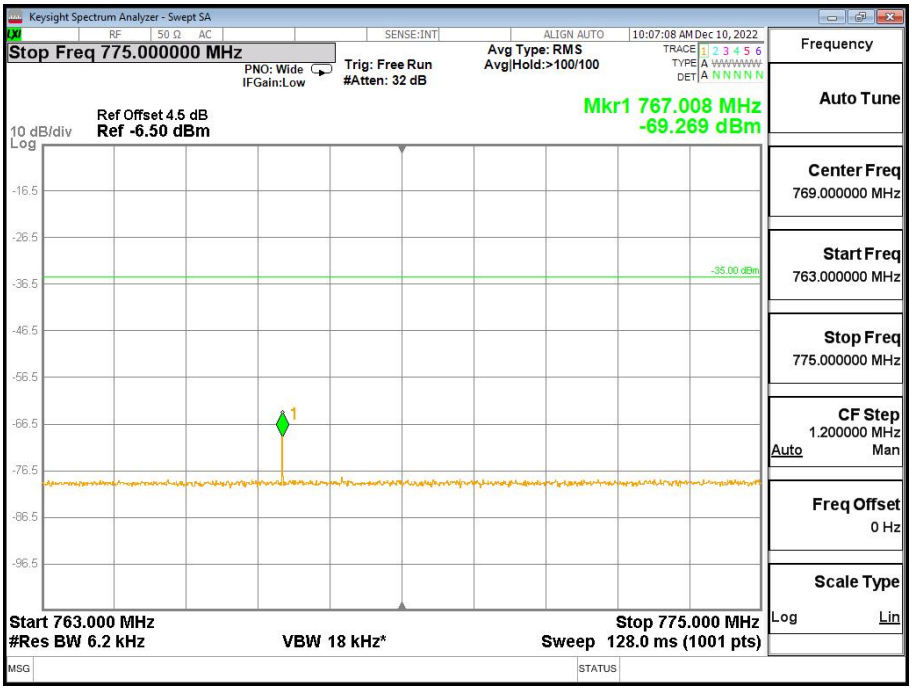
Low Channel-10MHz Bandwidth-6RB-QPSK

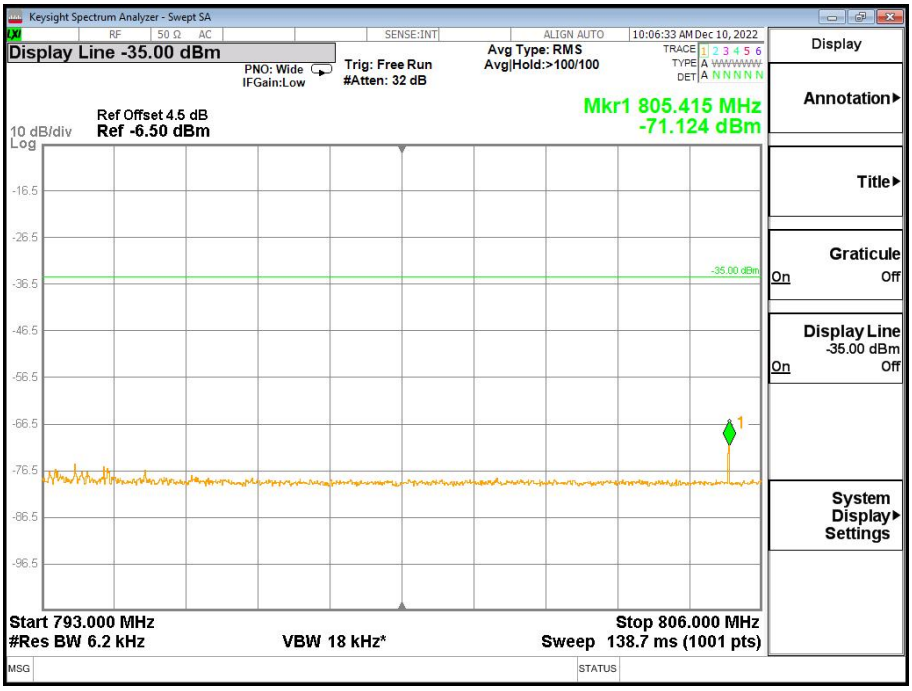
6.7.4 CAT-M Band 13 Edge Results

For the 1559-1610MHz test band，Since the bandwidth is greater than 700Hz, the limit requirement is -40dBm.






Keysight Spectrum Analyzer - Swept SA
Stop Freq 775.000000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 32 dB
Avg Type: RMS
Avg|Hold:>100/100
10:07:08 AM Dec 10, 2022
Mkr1 767.008 MHz
-69.269 dBm
Ref Offset 4.5 dB
10 dB/div
Ref -6.50 dBm
Log
-35.00 dBm
Start 763.000 MHz
#Res BW 6.2 kHz
VBW 18 kHz*
Stop 775.000 MHz
Sweep 128.0 ms (1001 pts)
Frequency
Auto Tune
Center Freq
769.000000 MHz
Start Freq
763.000000 MHz
Stop Freq
775.000000 MHz
CF Step
1.200000 MHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin


Keysight Spectrum Analyzer - Swept SA
Display Line -35.00 dBm
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 32 dB
Avg Type: RMS
Avg|Hold:>100/100
10:06:33 AM Dec 10, 2022
Mkr1 805.415 MHz
-71.124 dBm
Ref Offset 4.5 dB
10 dB/div
Ref -6.50 dBm
Log
-35.00 dBm
Start 793.000 MHz
#Res BW 6.2 kHz
VBW 18 kHz*
Stop 806.000 MHz
Sweep 138.7 ms (1001 pts)
Display
Annotation
Title
Graticule
On
Off
Display Line
-35.00 dBm
On
Off
System Display Settings