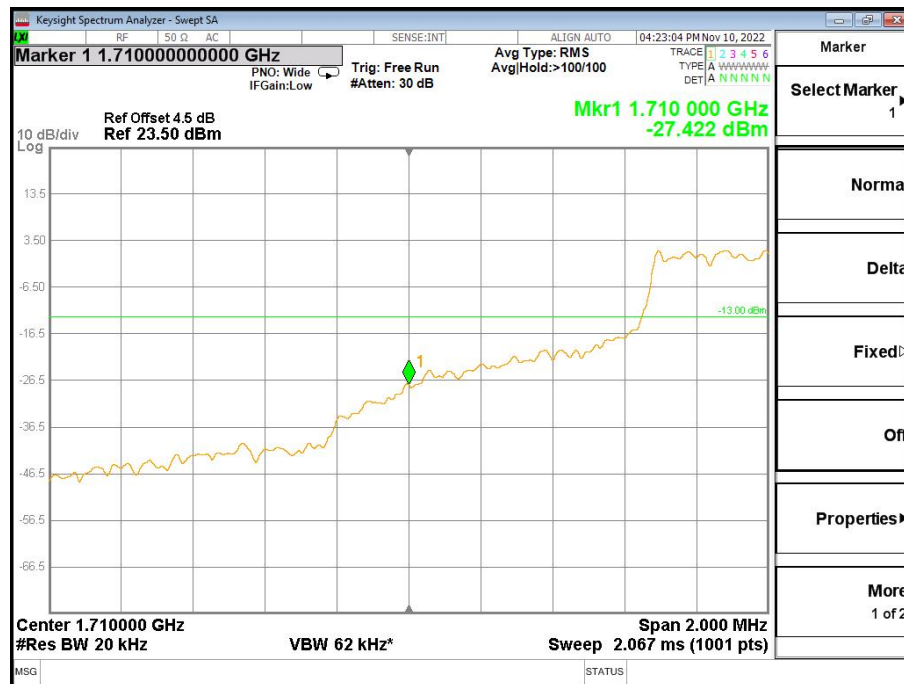
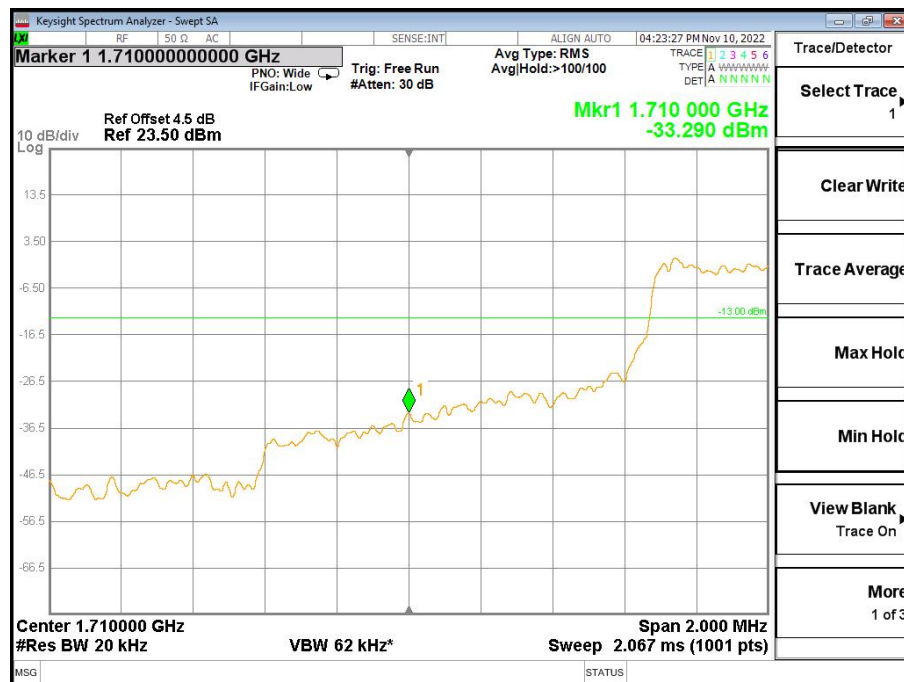




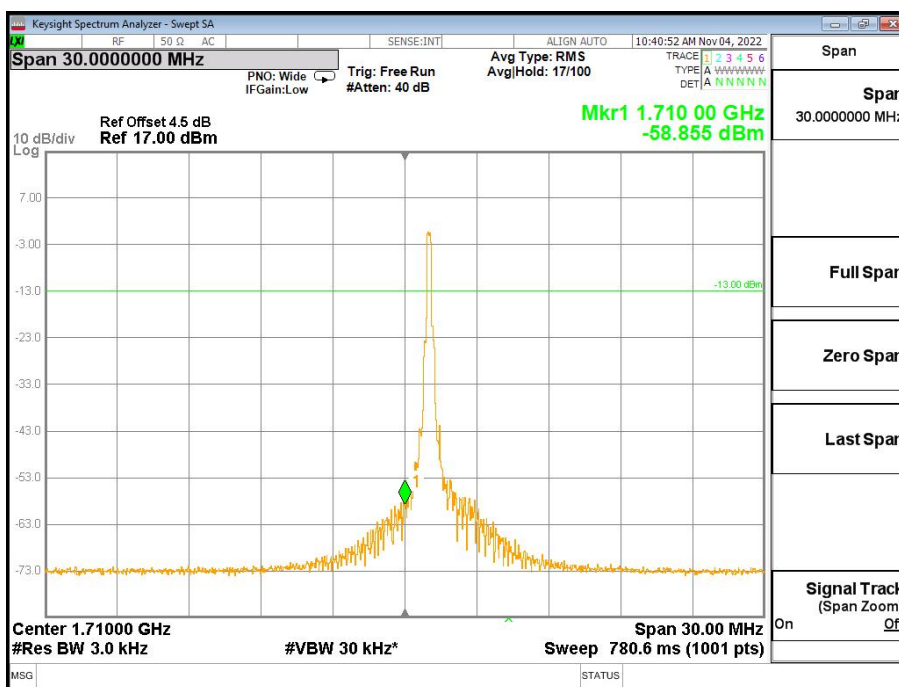
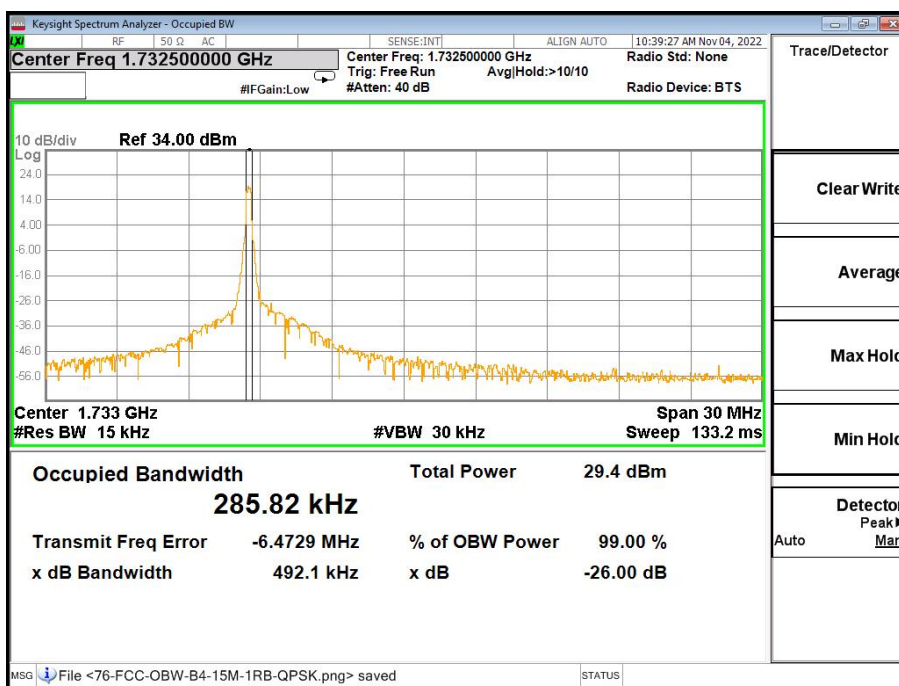
Band4-Low Channel-10MHz Bandwidth-5RB-16QAM



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

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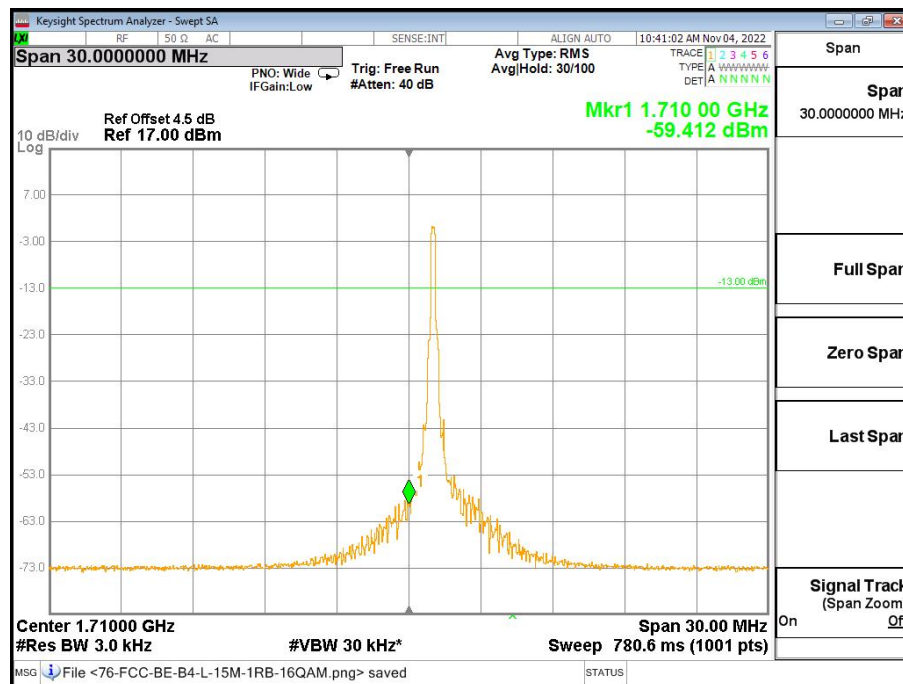
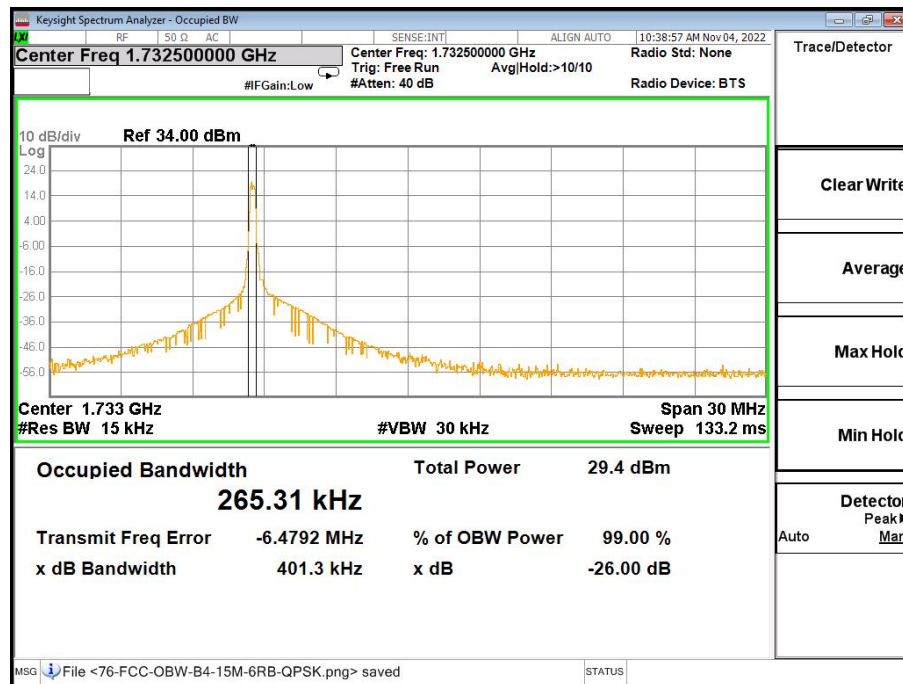
Address: No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China, 401336
Tel: 0086-23-88069965 FAX: 0086-23-88608777



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

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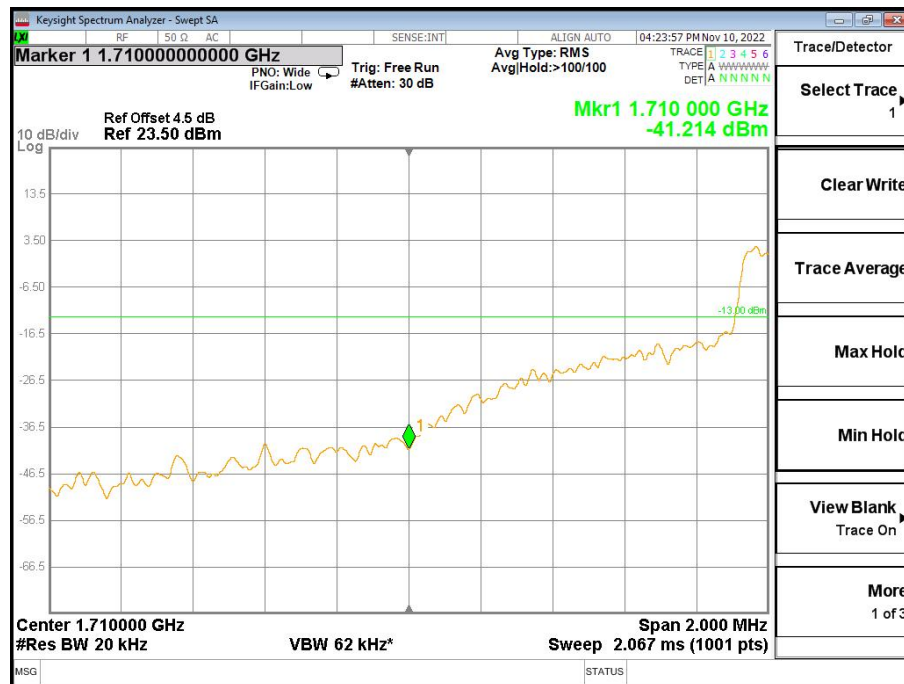
Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



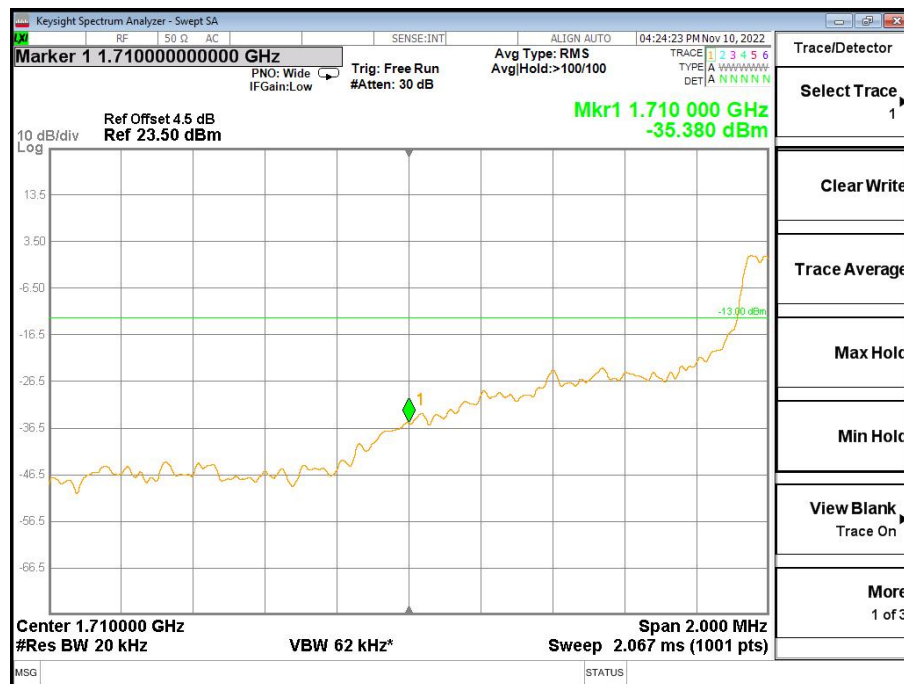
Band4-Low Channel-15MHz Bandwidth-1RB-QPSK

Chongqing Academy of Information and Communication Technology

Address: No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China, 401336
Tel: 0086-23-88069965 FAX: 0086-23-88608777



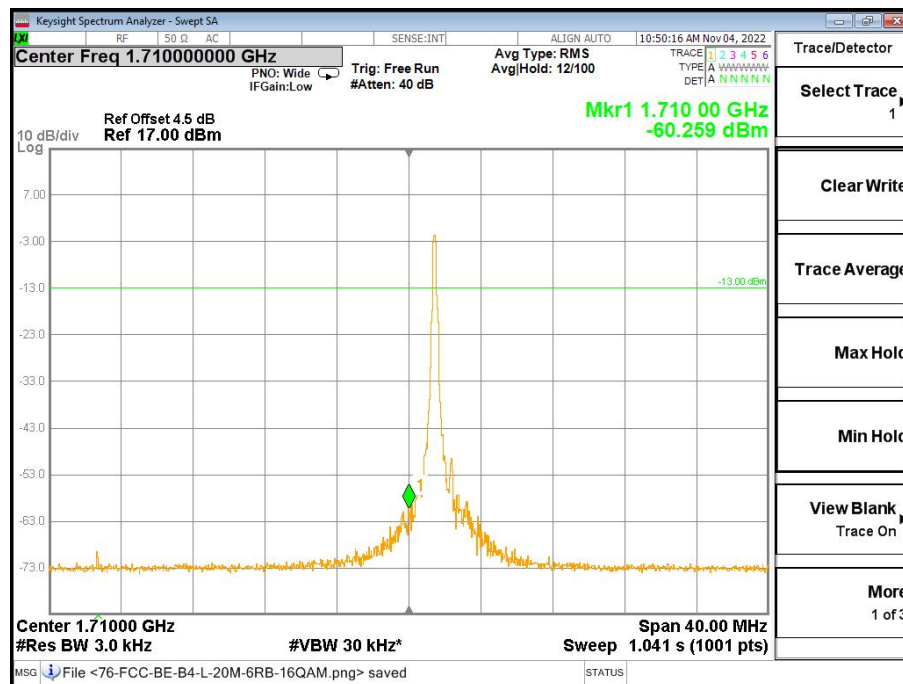
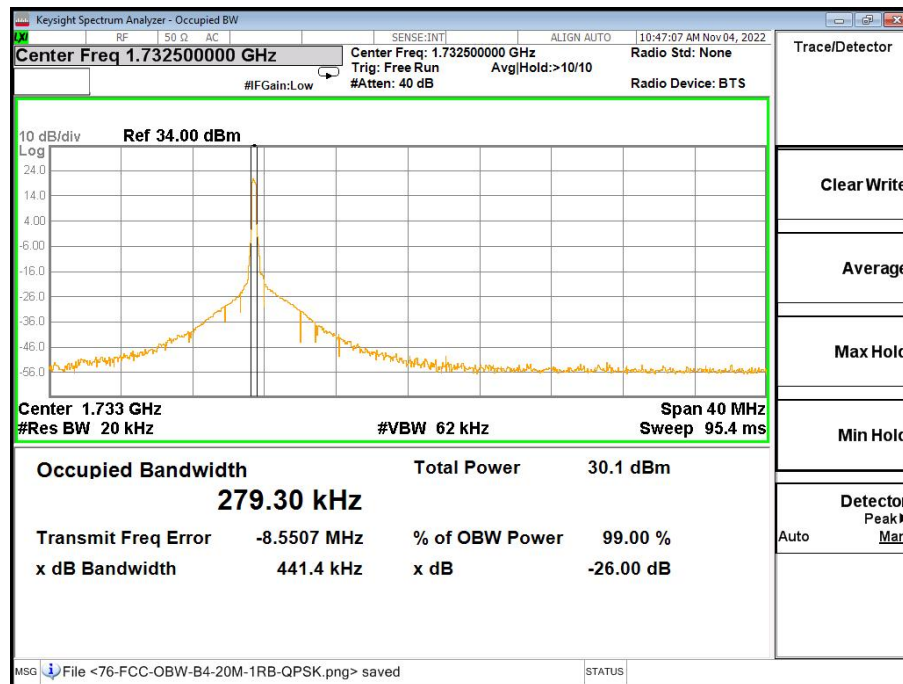
Band4-Low Channel-15MHz Bandwidth-5RB-16QAM



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

Chongqing Academy of Information and Communication Technology

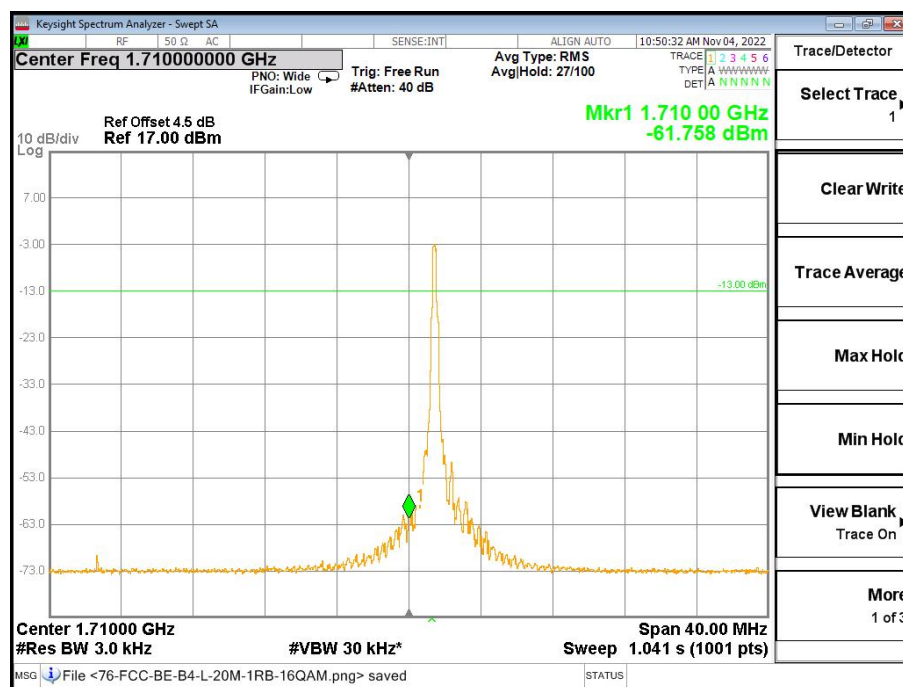
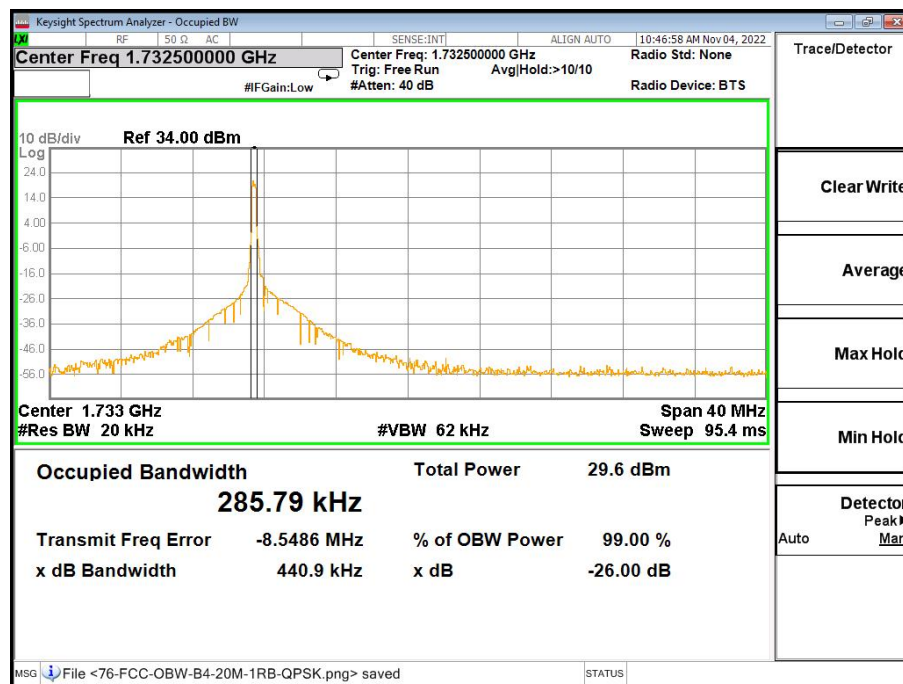
Address: No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China, 401336
Tel: 0086-23-88069965 FAX: 0086-23-88608777



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

Chongqing Academy of Information and Communication Technology

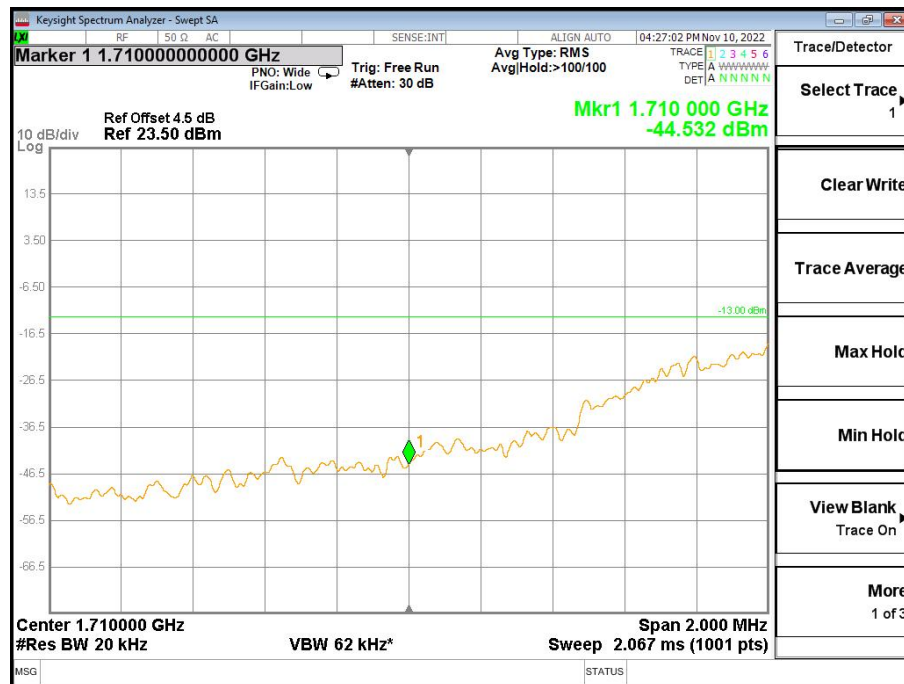
Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



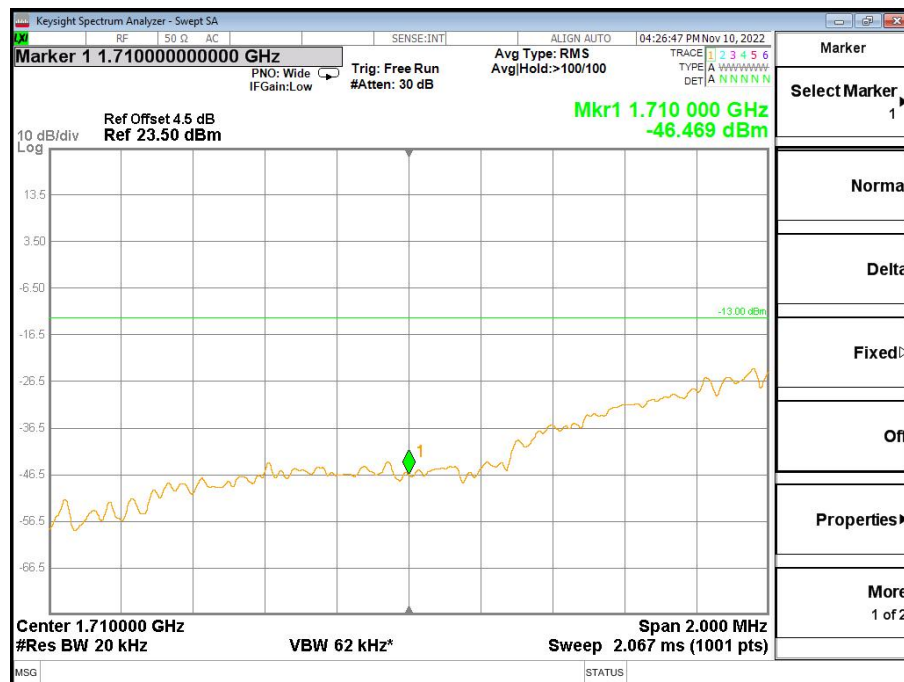
Band4-Low Channel-20MHz Bandwidth-1RB-QPSK

Chongqing Academy of Information and Communication Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777

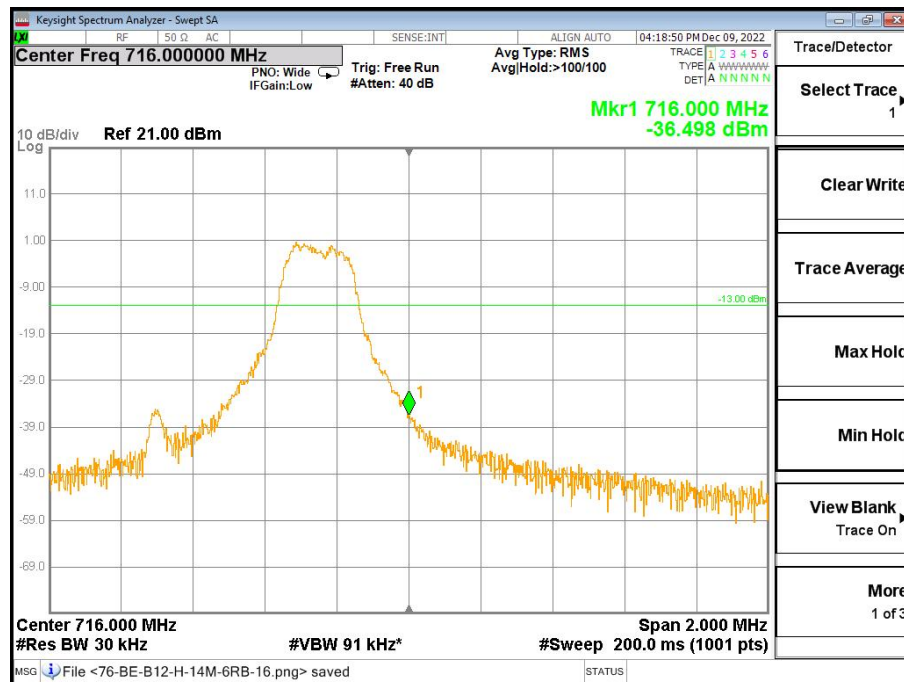


Band4-Low Channel-20MHz Bandwidth-5RB-16QAM

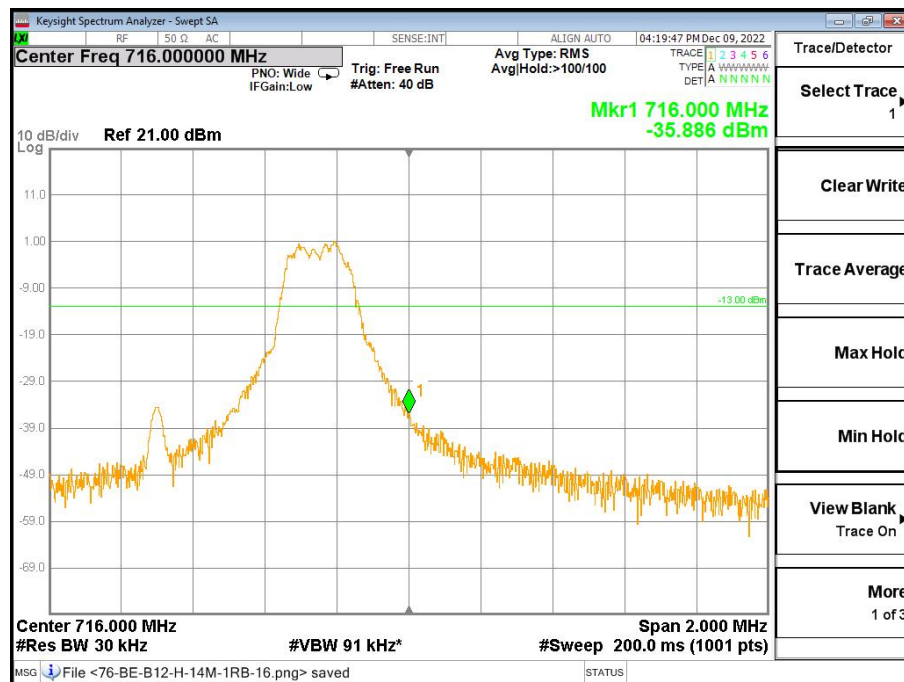


Band4-Low Channel-20MHz Bandwidth-6RB-QPSK

6.7.3 CAT-M Band 12 Edge Results



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



High Channel-1.4MHz Bandwidth-1RB-QPSK

Keysight Spectrum Analyzer - Swept SA

RF 50 Ω AC SENSE:INT ALIGN AUTO 04:17:07 PM Dec 09, 2022

Center Freq 716.000000 MHz PNO: Wide IF Gain: Low Trig: Free Run #Atten: 40 dB Avg Type: RMS Avg Hold: 66/100

TRACE 1 2 3 4 5 6 TYPE A W W W W W W W DET A N N N N N N

10 dB/div Ref 21.00 dBm

Mkr1 716.000 MHz -42.512 dBm

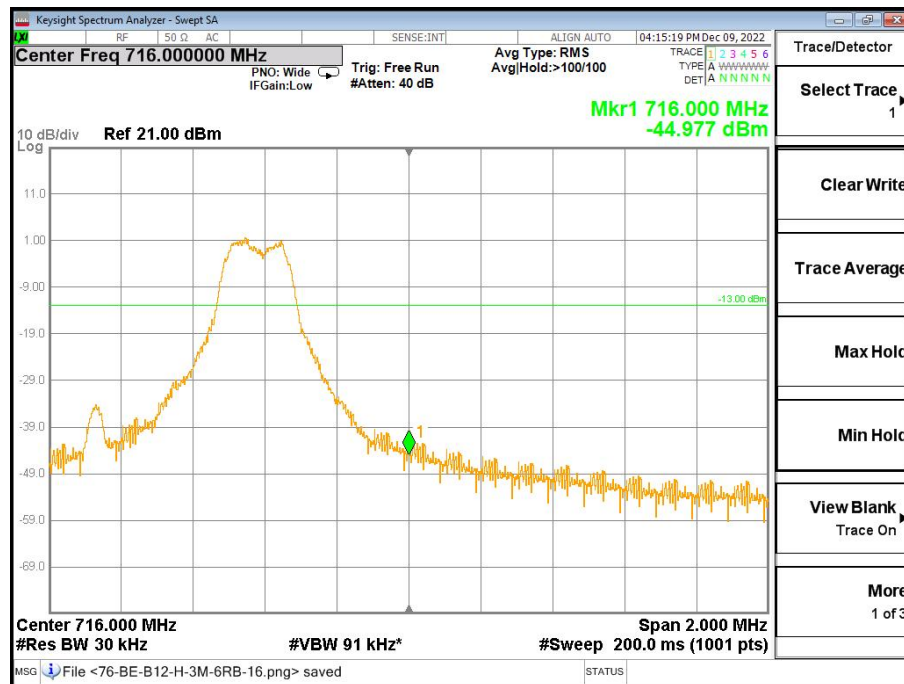
11.0
1.00
-9.00
-19.0
-29.0
-39.0
-49.0
-59.0
-69.0

Center 716.000 MHz Span 2.000 MHz
#Res BW 30 kHz #VBW 91 kHz* #Sweep 200.0 ms (1001 pts)

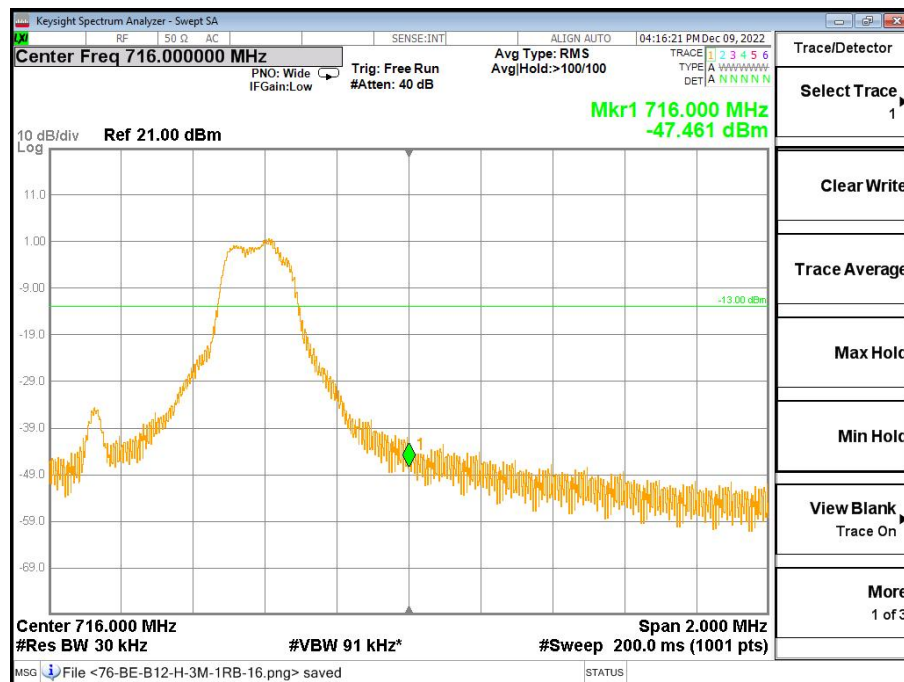
MSG File <76-BE-B12-H-3M-1RB-Q.png> saved STATUS

Trace/Detector
Select Trace 1
Clear Write
Trace Average
Max Hold
Min Hold
View Blank Trace On
More 1 of 3

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



High Channel-3MHz Bandwidth-1RB-QPSK



Keysight Spectrum Analyzer - Swept SA

RF 50 Ω AC SENSE:INT ALIGN AUTO 04:13:58 PM Dec 09, 2022

Center Freq 716.000000 MHz Avg Type: RMS PNO: Wide IF Gain: Low Trig: Free Run #Atten: 40 dB

Trace 1 2 3 4 5 6 TYPE: A W W W W W W W DET: A N N N N N N

10 dB/div Ref 21.00 dBm

Mkr1 716.000 MHz -48.172 dBm

11.0 1.00 -9.00 -19.0 -29.0 -39.0 -49.0 -59.0 -69.0

Center 716.000 MHz #Res BW 30 kHz #VBW 91 kHz* Span 2.000 MHz

#Sweep 200.0 ms (1001 pts)

MSG File <76-BE-B12-H-3M-6RB-Q.png> saved STATUS

Trace/Detector

Select Trace 1

Clear Write

Trace Average

Max Hold

Min Hold

View Blank Trace On

More 1 of 3

Keysight Spectrum Analyzer - Swept SA

RF 50 Ω AC SENSE:INT ALIGN AUTO 04:12:44 PM Dec 09, 2022

Center Freq 716.000000 MHz PNO: Wide IF Gain: Low Trig: Free Run #Atten: 40 dB Avg Type: RMS Avg/Hold: >100/100

Trace 1 2 3 4 5 6 TYPE A W W W W W W W DET A N N N N N N

10 dB/div Ref 21.00 dBm

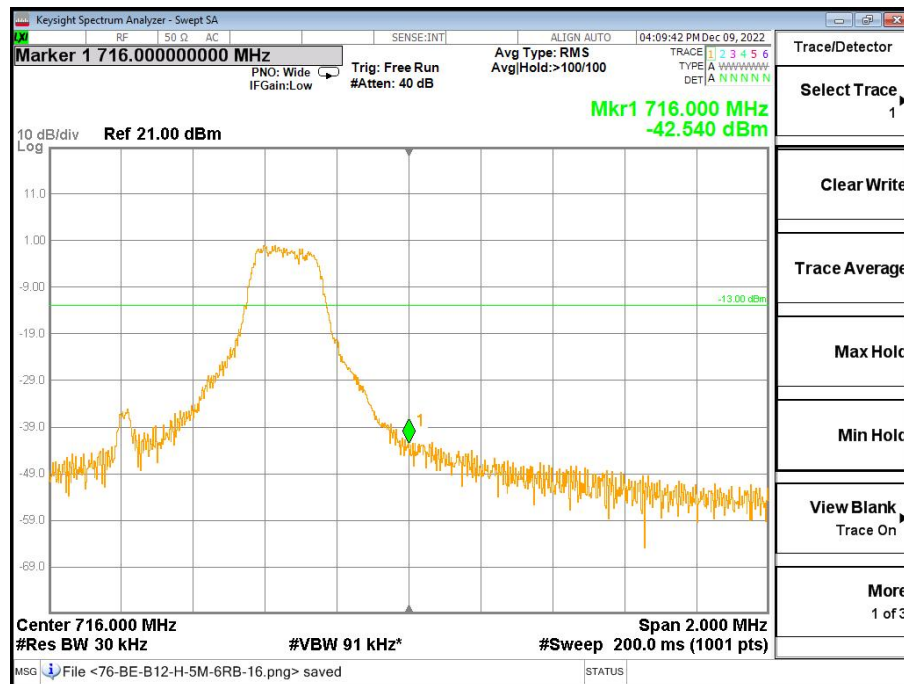
Mkr1 716.000 MHz -47.565 dBm

Center 716.000 MHz #Res BW 30 kHz #VBW 91 kHz* Span 2.000 MHz #Sweep 200.0 ms (1001 pts)

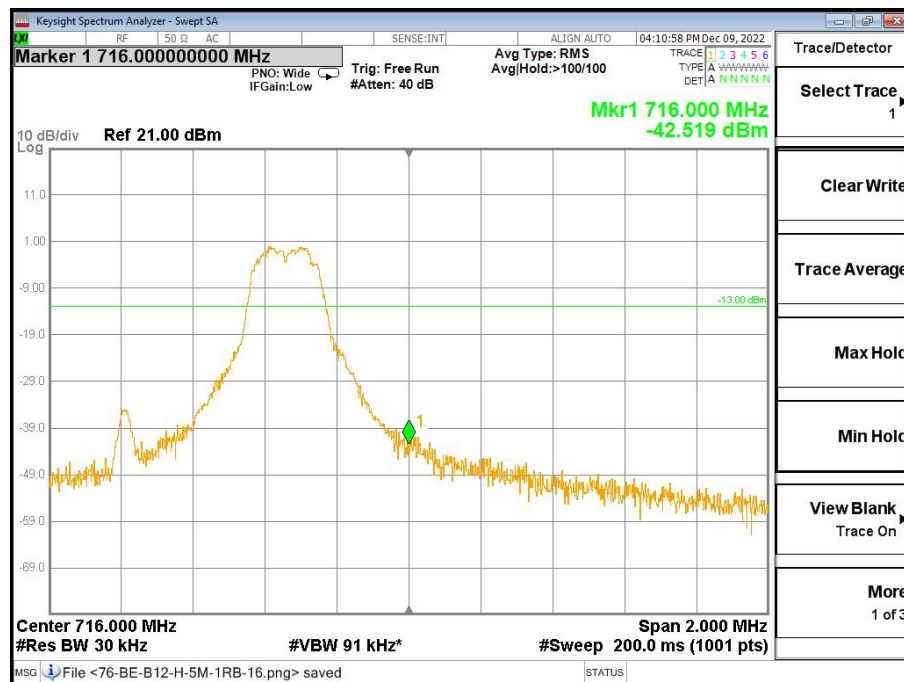
MSG STATUS

Trace/Detector Select Trace 1 Clear Write Trace Average Max Hold Min Hold View Blank Trace On More 1 of 3

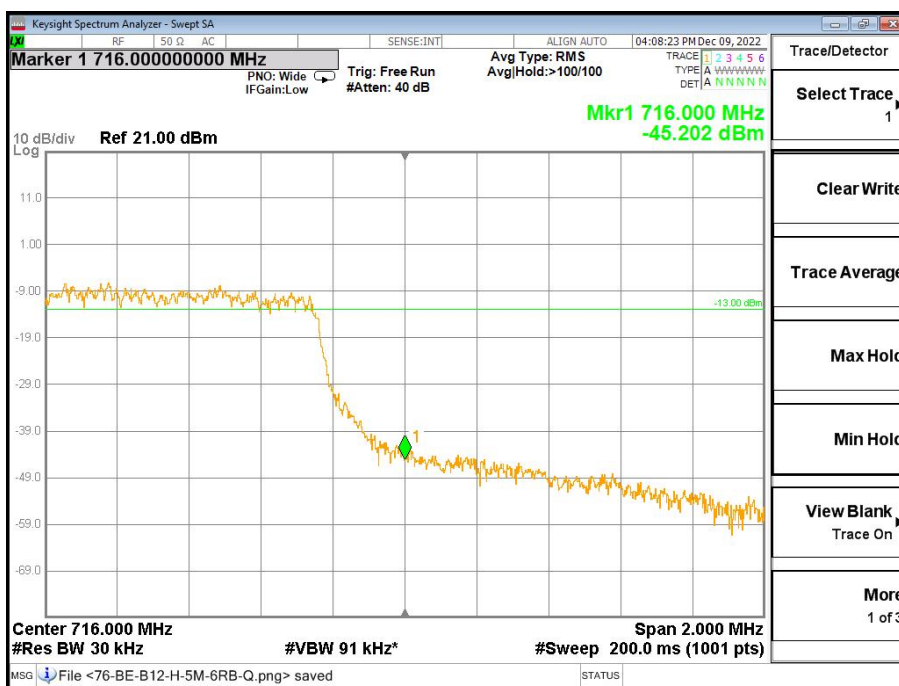
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High Channel-5MHz Bandwidth-1RB-16QAM



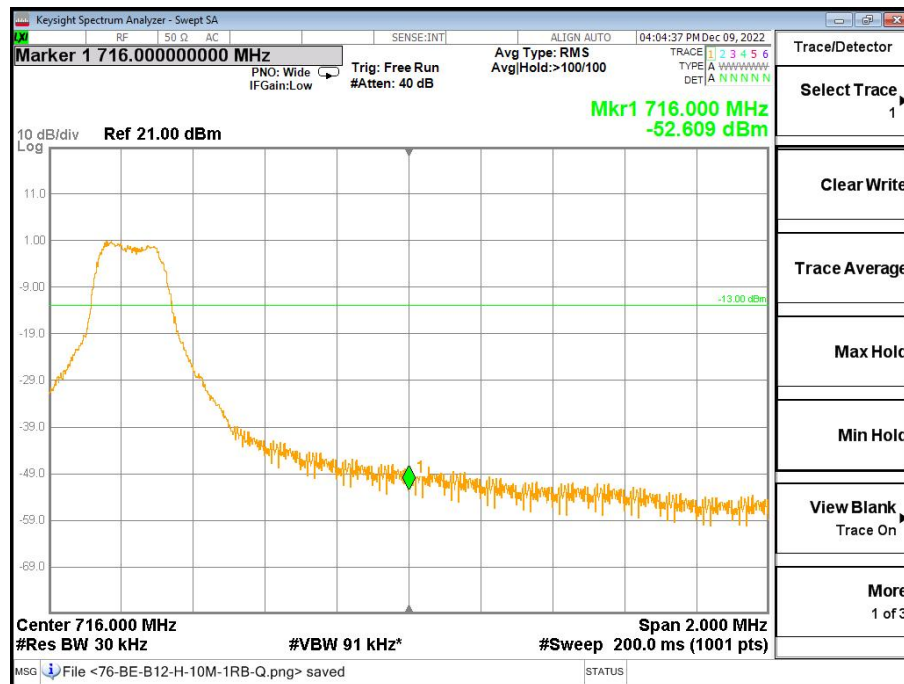
High Channel-5MHz Bandwidth-1RB-QPSK



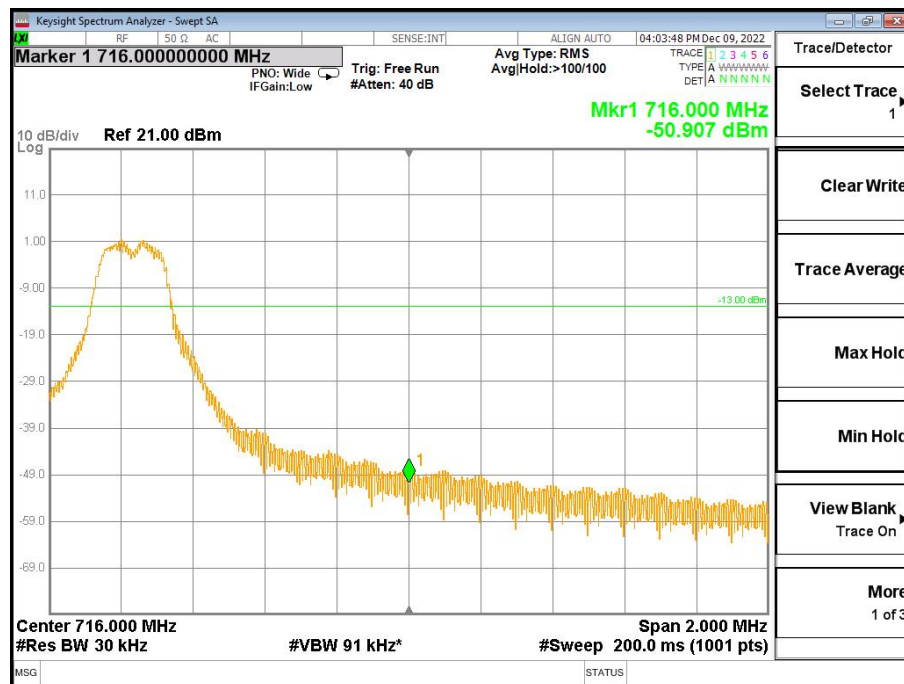
High Channel-5MHz Bandwidth-5RB-16QAM



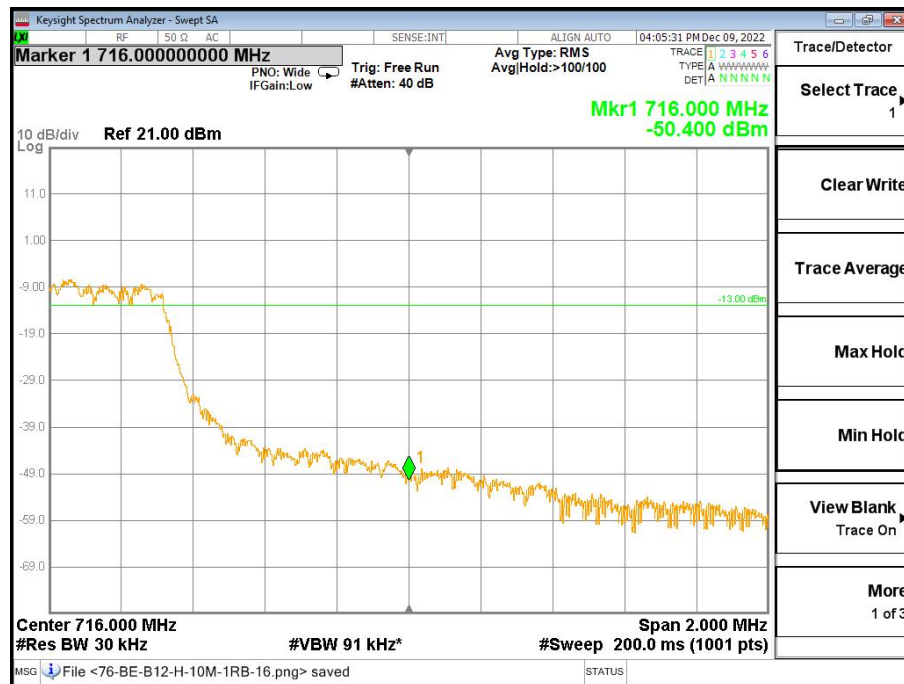
High Channel-5MHz Bandwidth-6RB-QPSK



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



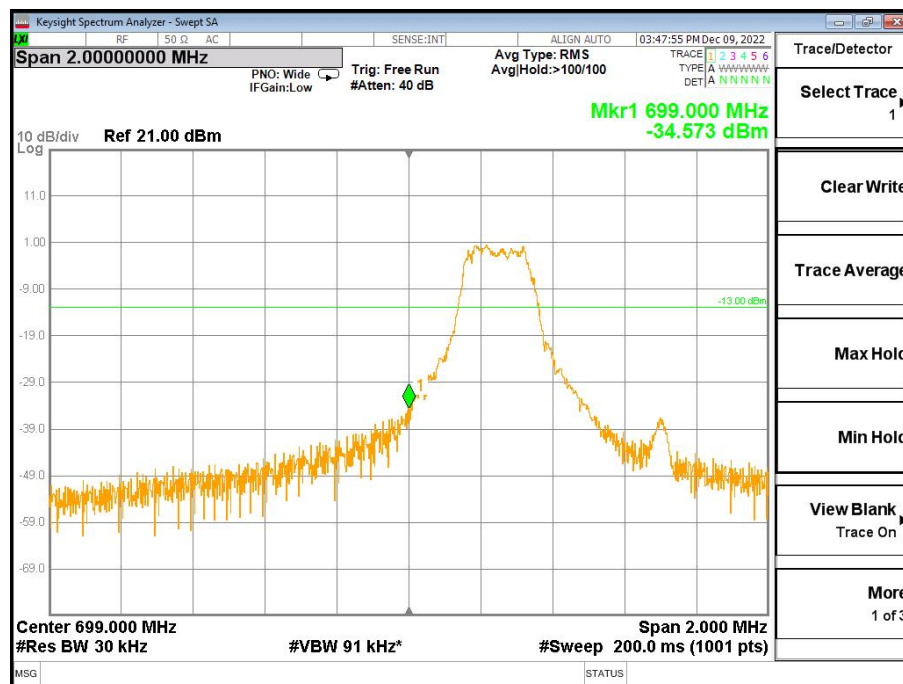
High Channel-10MHz Bandwidth-1RB-QPSK



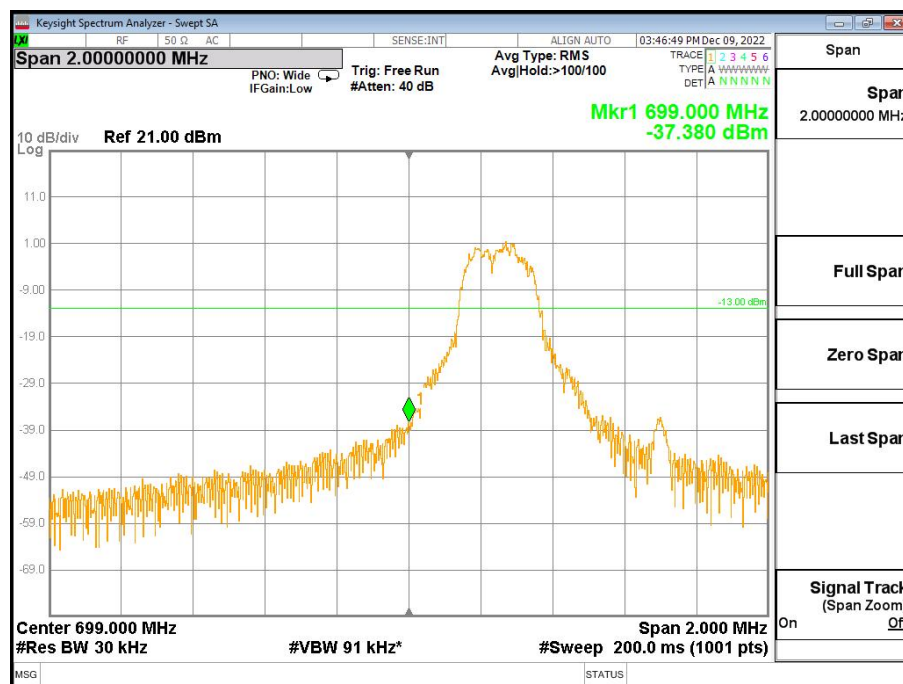
High Channel-10MHz Bandwidth-5RB-16QAM



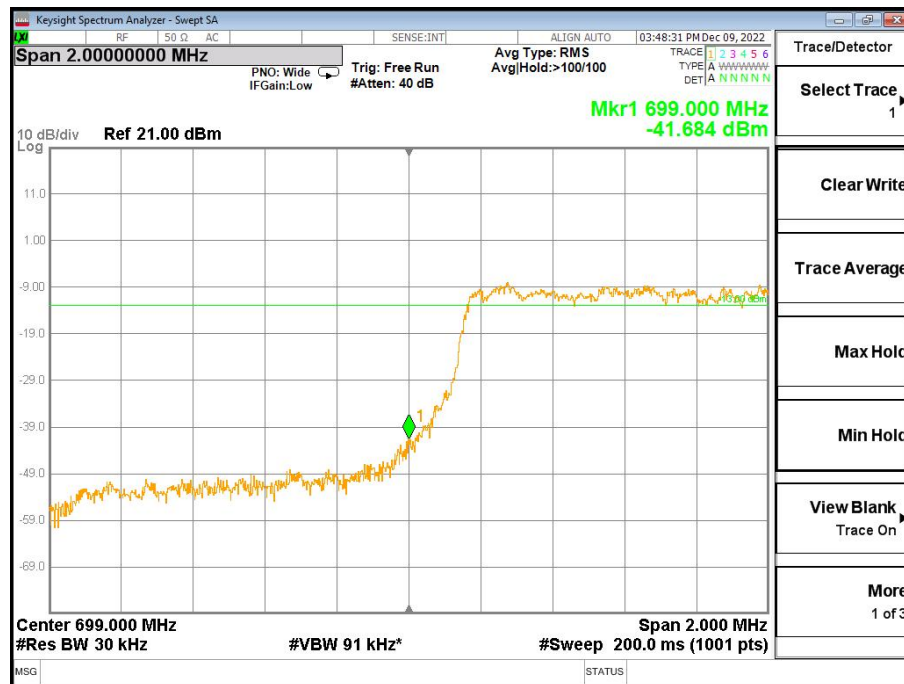
High Channel-10MHz Bandwidth-6RB-QPSK



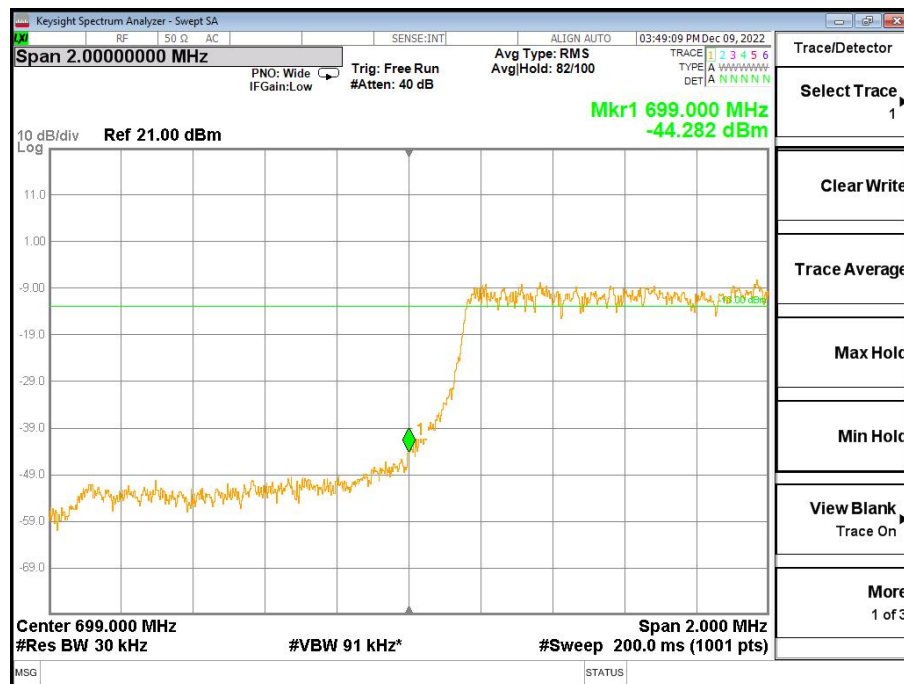
Low Channel-1.4MHz Bandwidth-1RB-16QAM



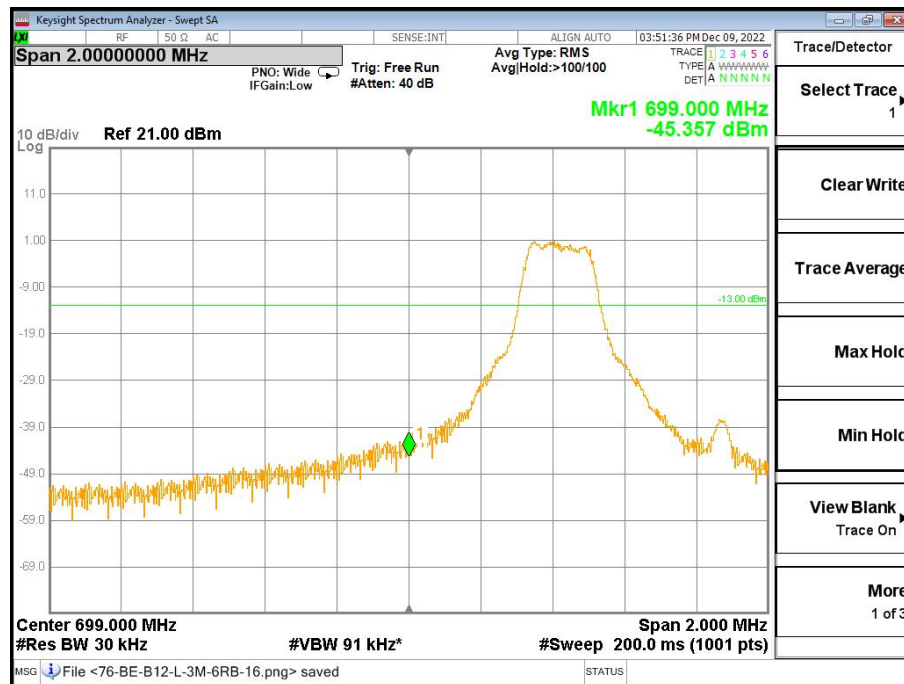
Low Channel-1.4MHz Bandwidth-1RB-QPSK



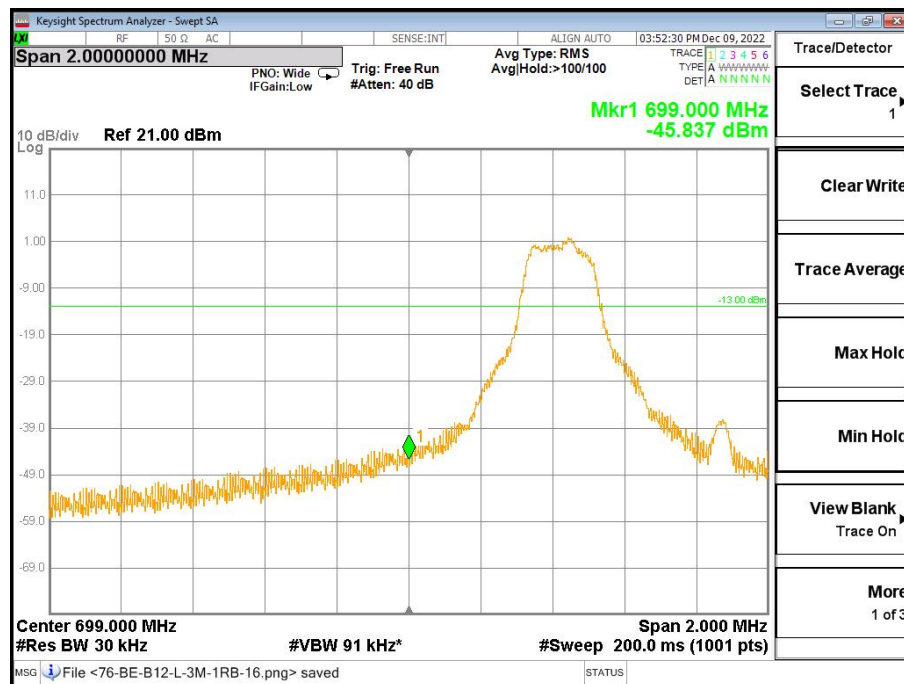
Low Channel-1.4MHz Bandwidth-5RB-16QAM



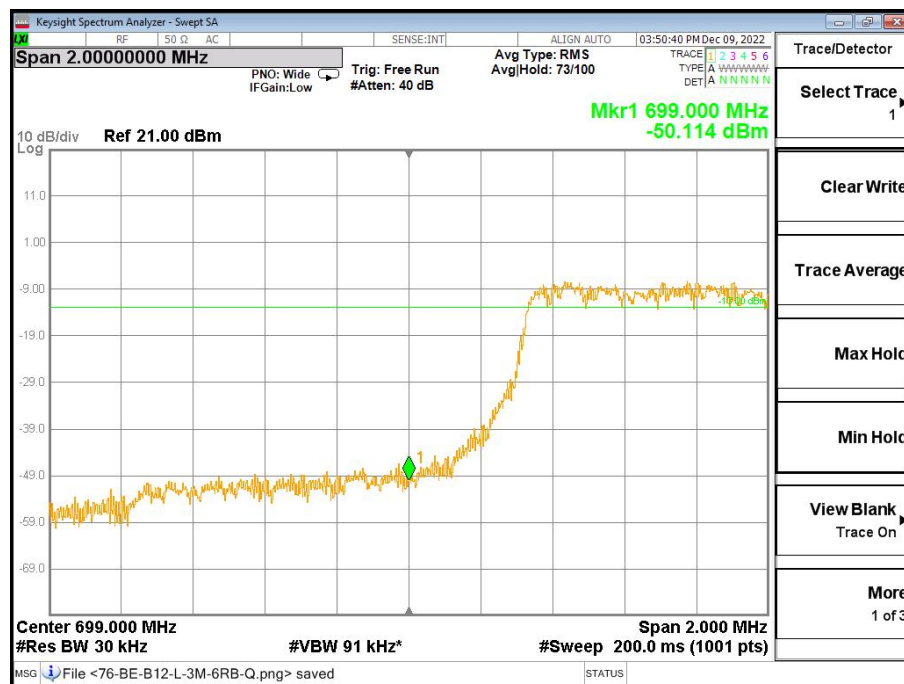
Low Channel-1.4MHz Bandwidth-6RB-QPSK



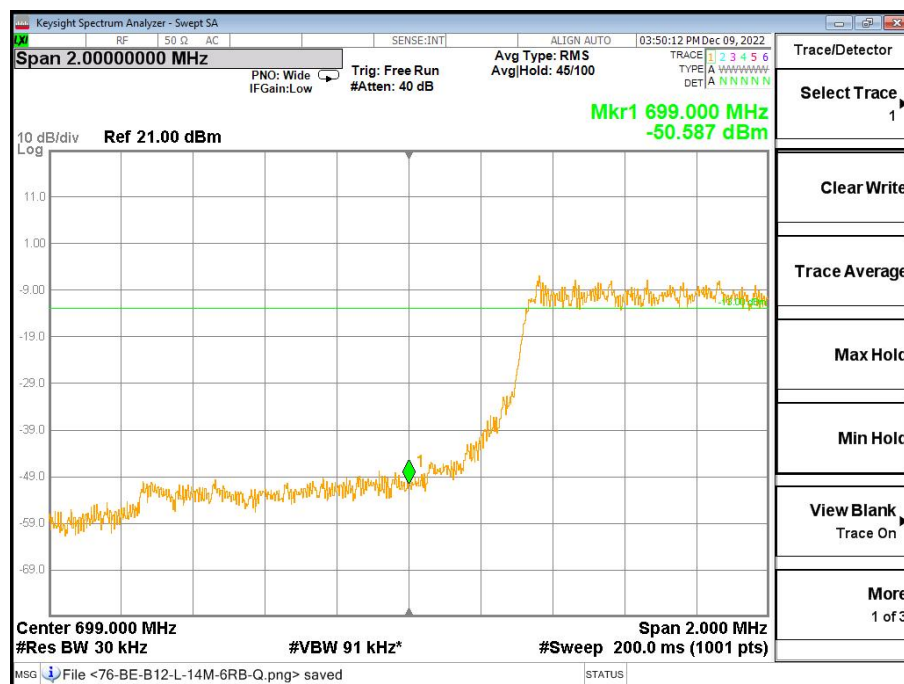
Low Channel-3MHz Bandwidth-1RB-16QAM



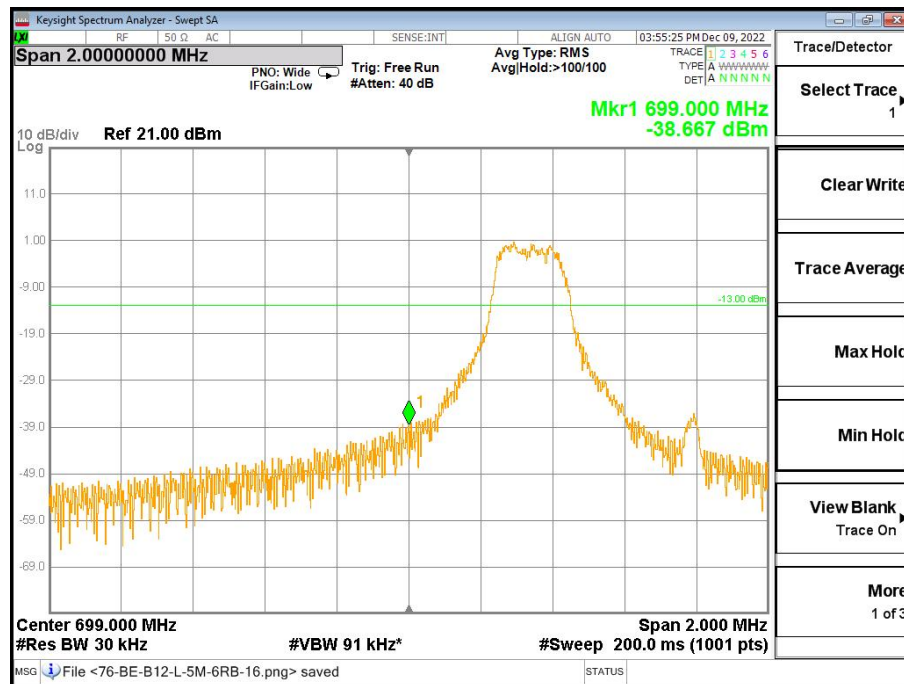
Low Channel-3MHz Bandwidth-1RB-QPSK



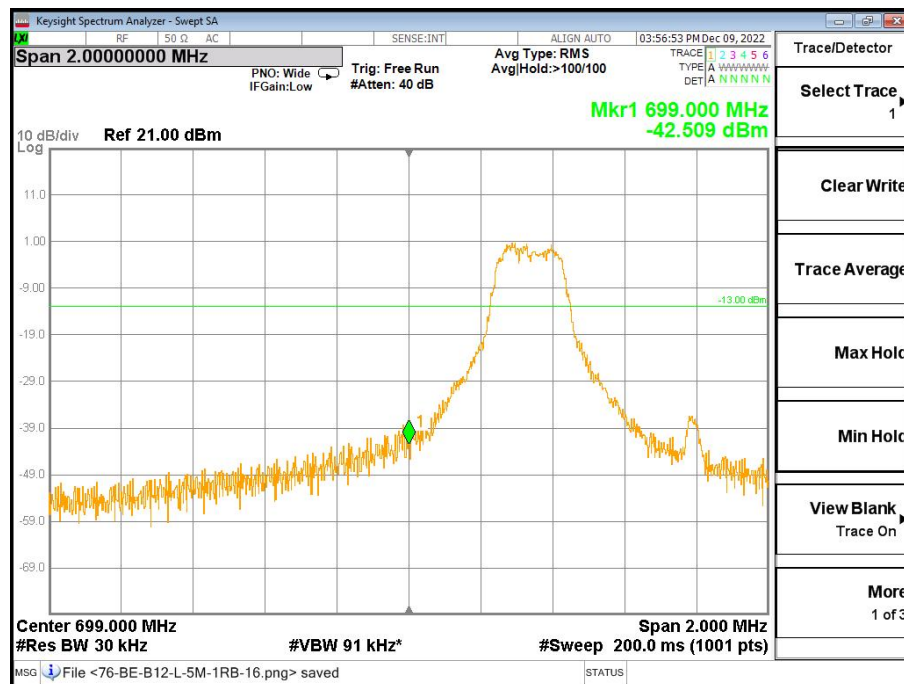
Low Channel-3MHz Bandwidth-5RB-16QAM



Low Channel-3MHz Bandwidth-6RB-QPSK



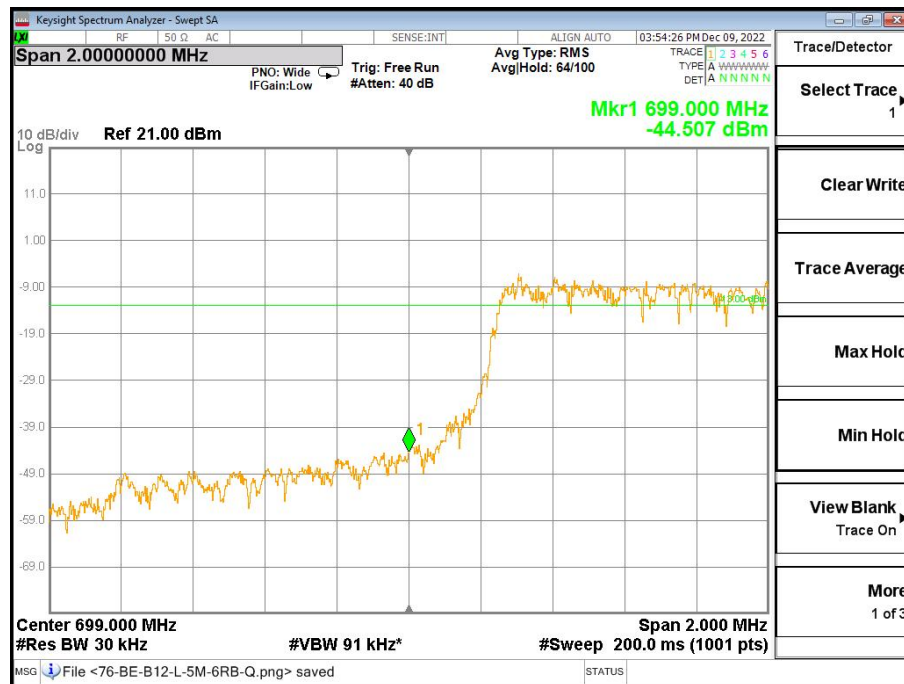
Low Channel-5MHz Bandwidth-1RB-16QAM



Low Channel-5MHz Bandwidth-1RB-QPSK

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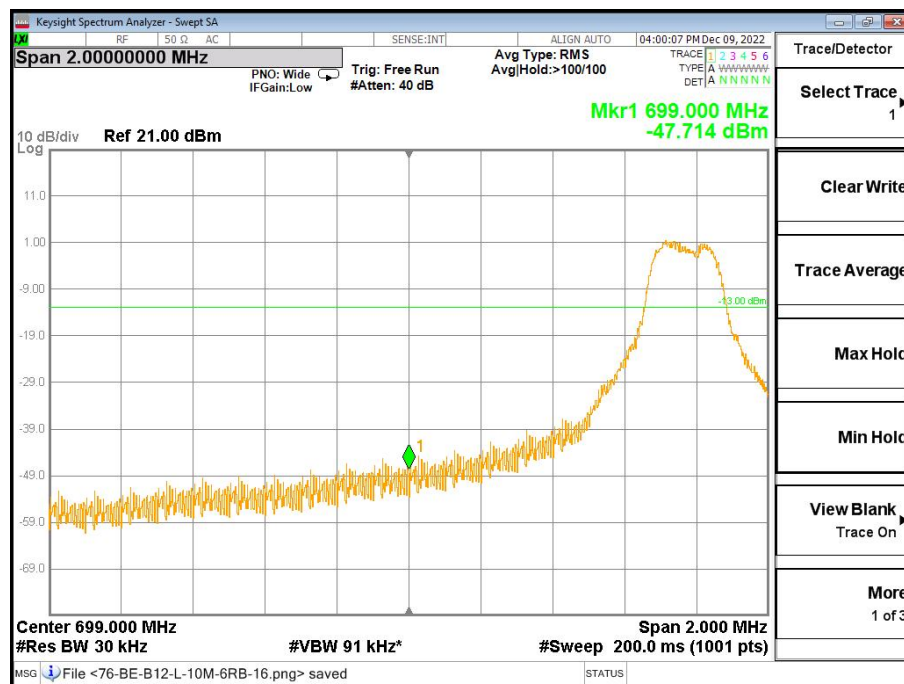
Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



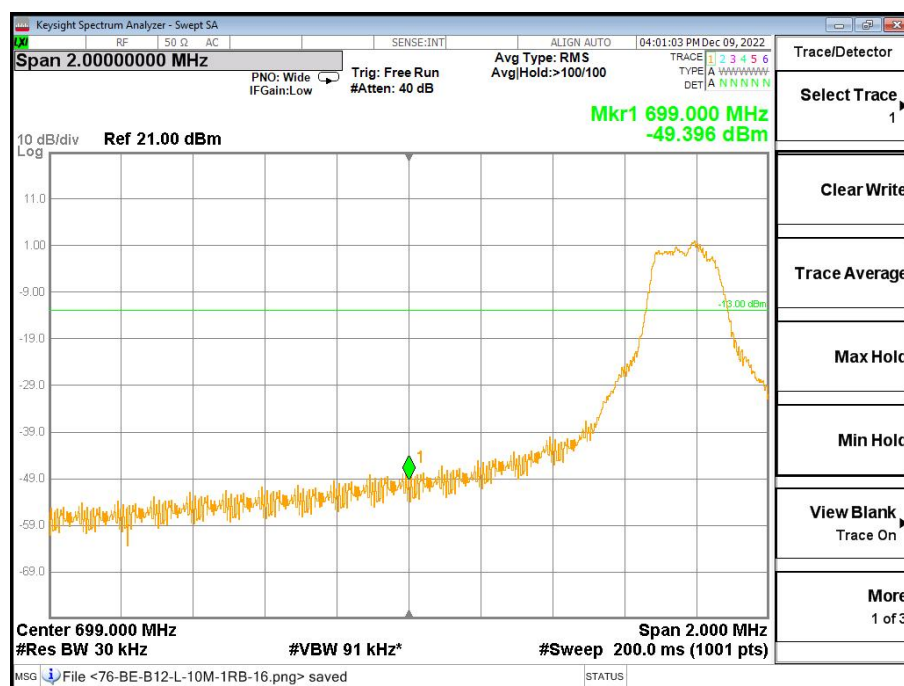
Low Channel-5MHz Bandwidth-5RB-16QAM



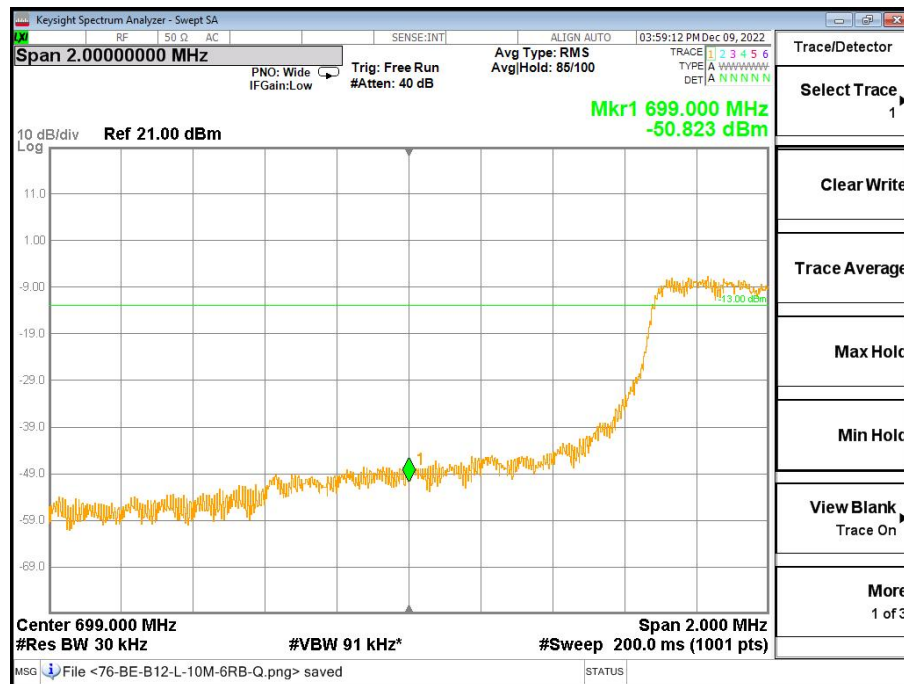
Low Channel-5MHz Bandwidth-6RB-QPSK



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.

