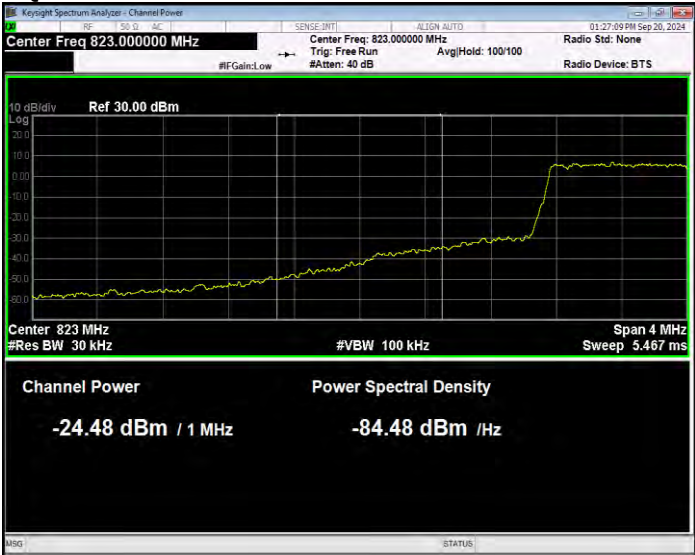


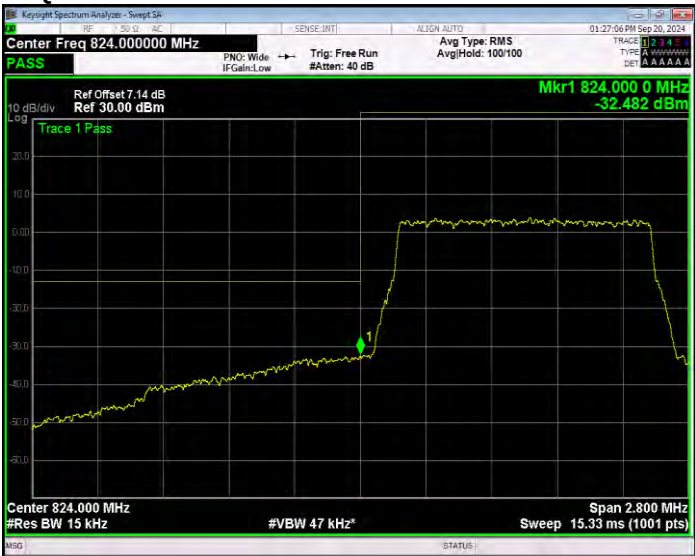
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#Max Normal



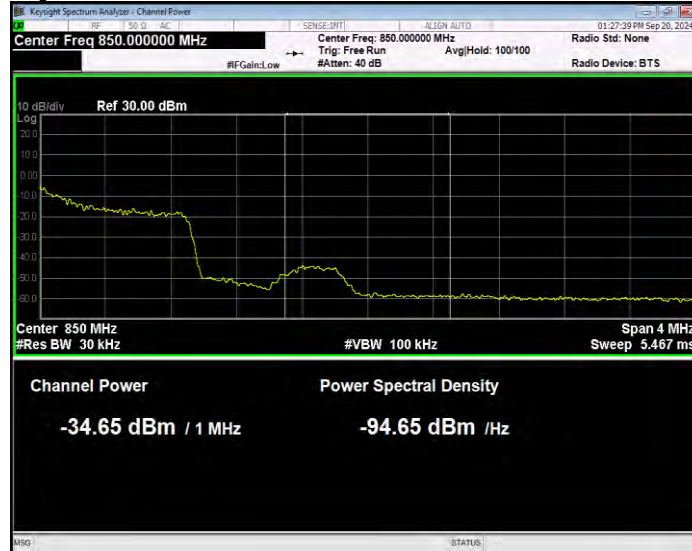
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0 Extended



Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0 Normal



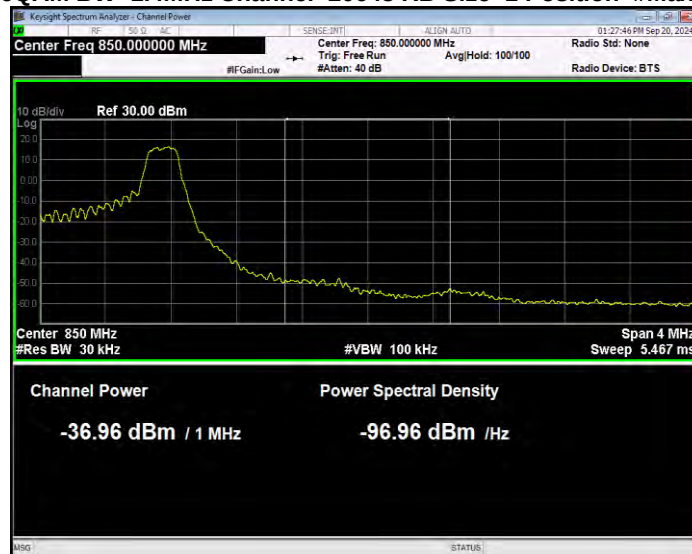
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#0 Extended



Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#0 Normal



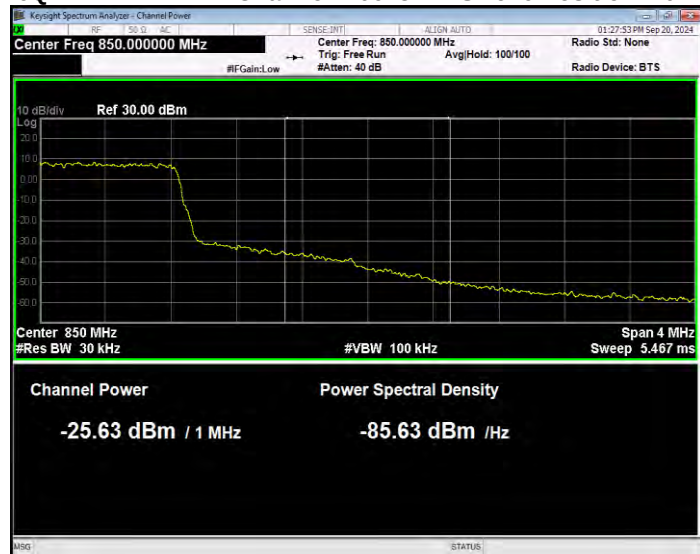
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#Max Extended



Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#Max Normal



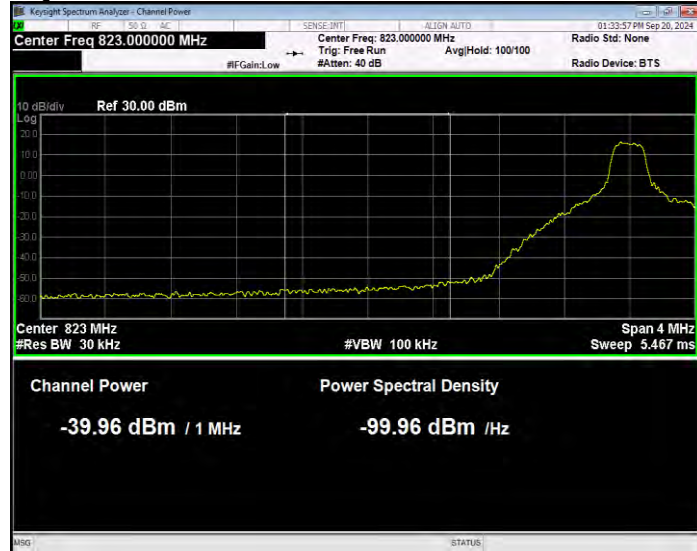
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0 Extended



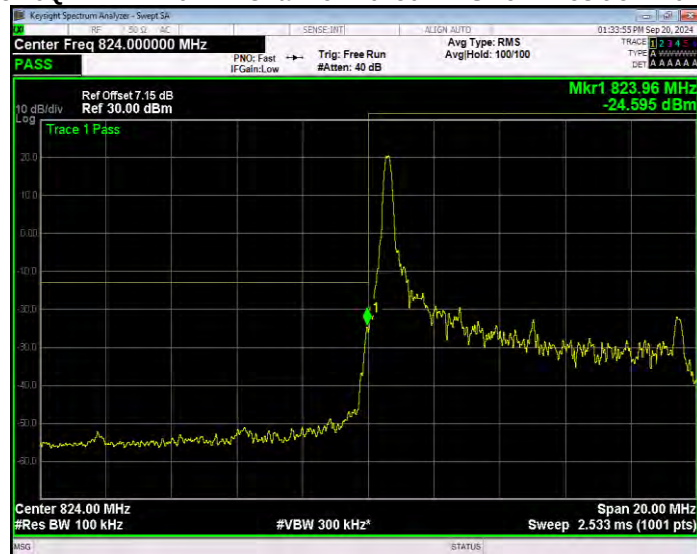
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0 Normal



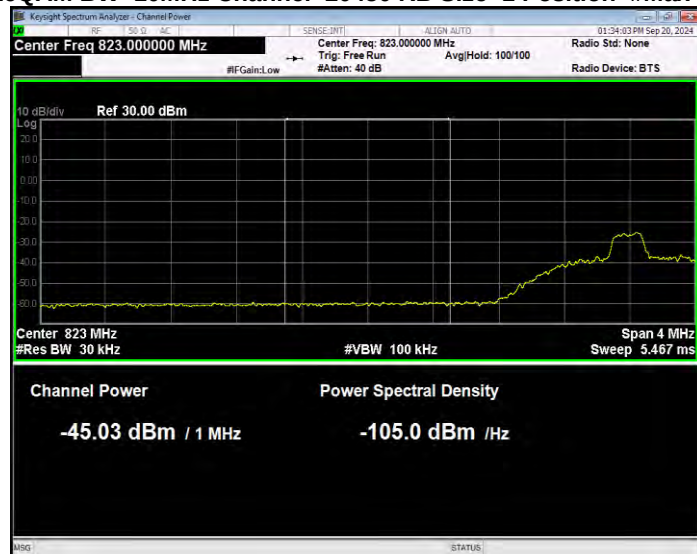
Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#0 Extended



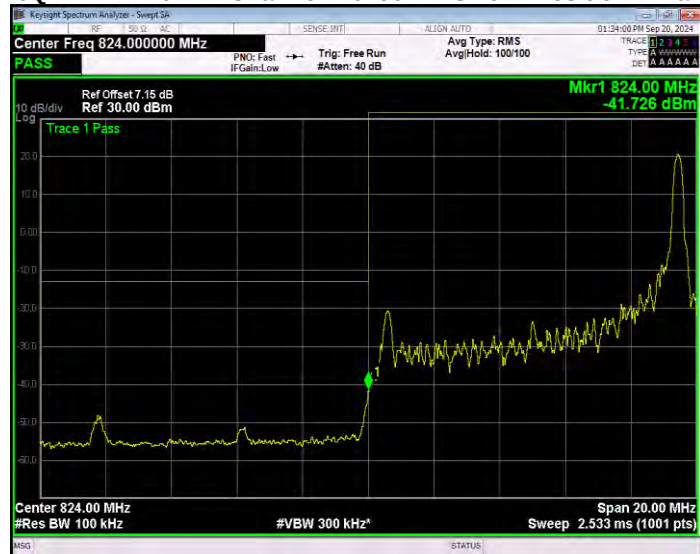
Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#0 Normal



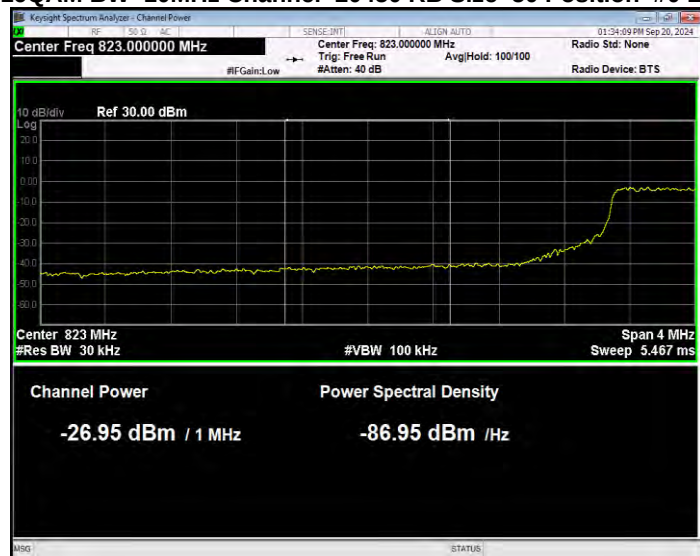
Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#Max Extended



Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#Max Normal



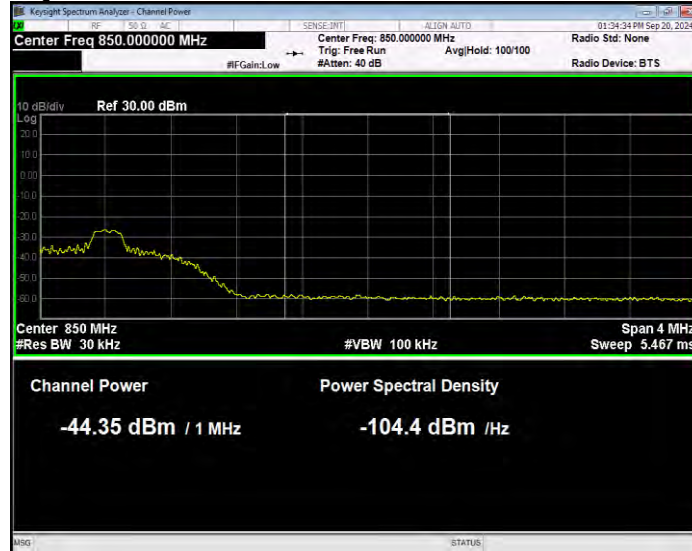
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0 Extended



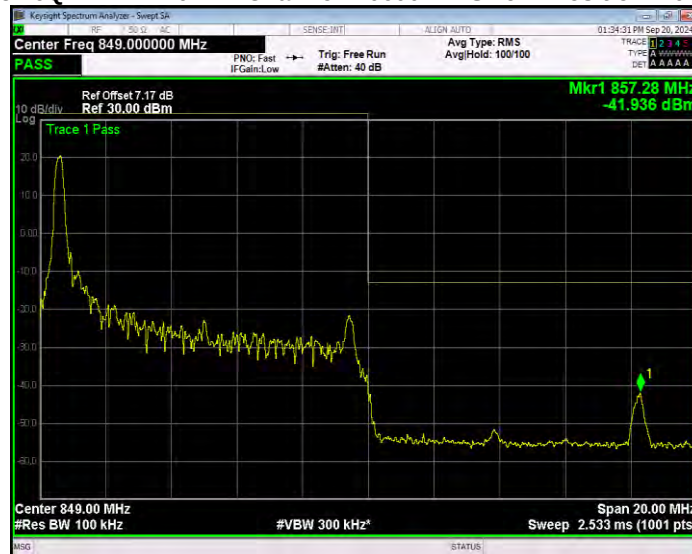
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0 Normal



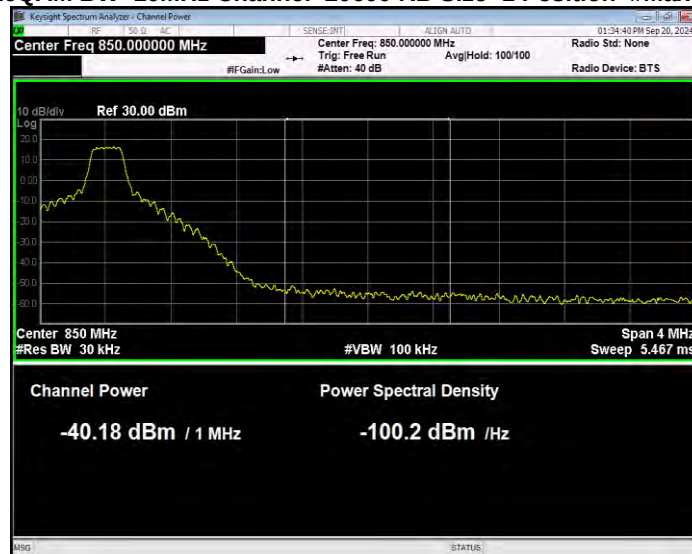
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0 Extended



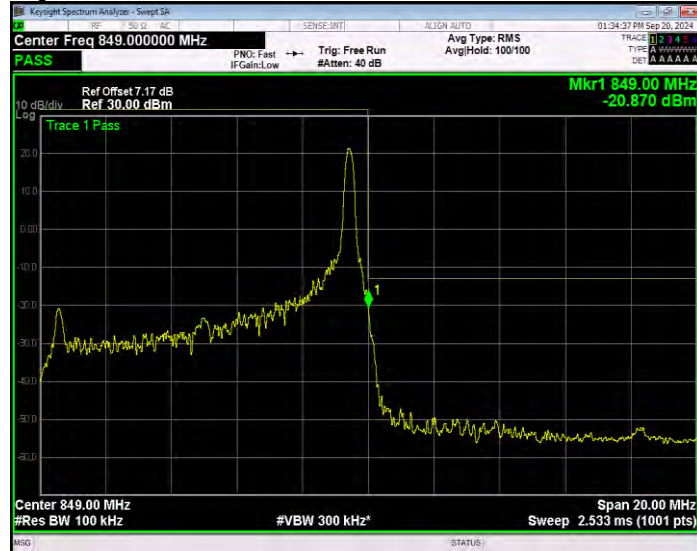
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0 Normal



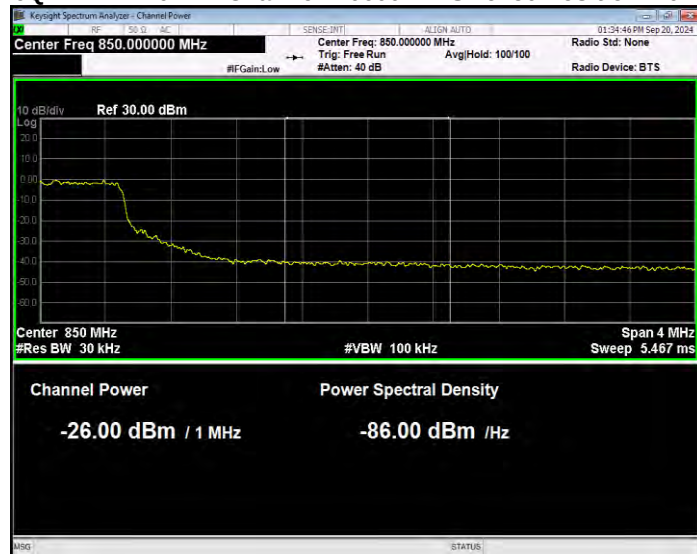
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#Max Extended



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



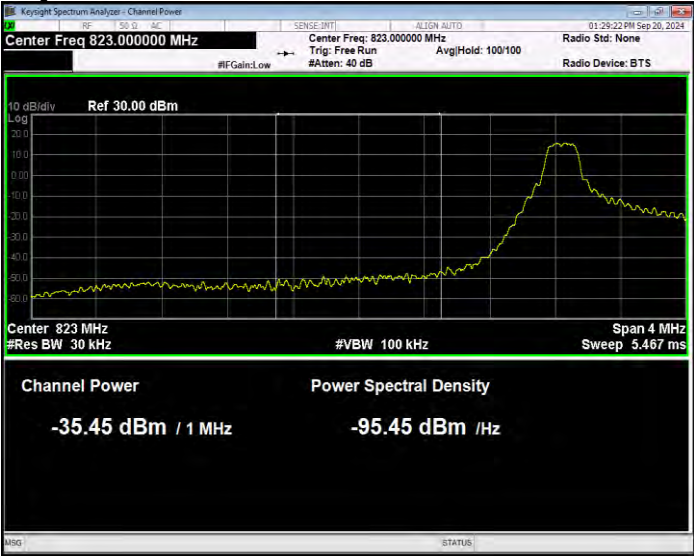
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0 Extended



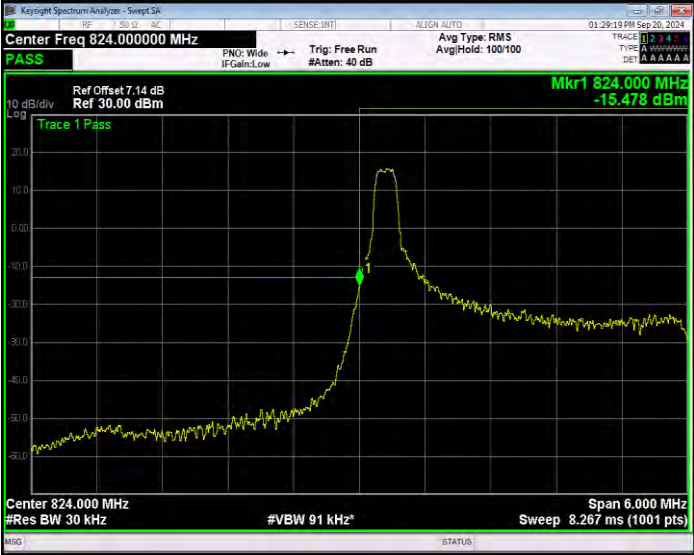
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0 Normal



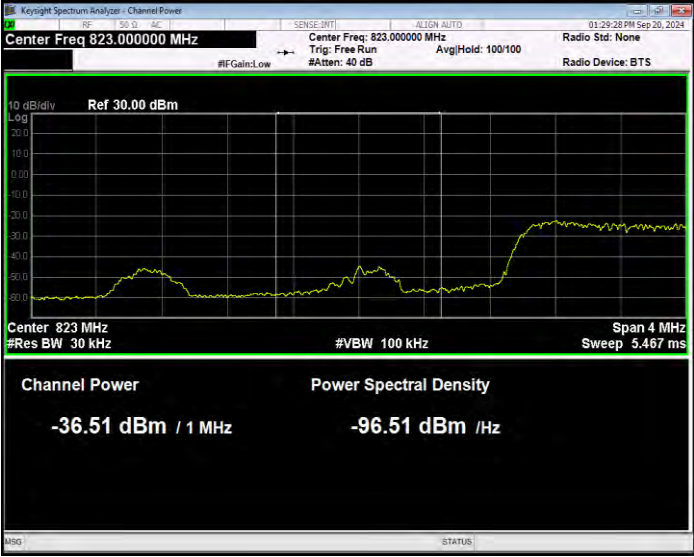
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#0 Extended



Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#0 Normal



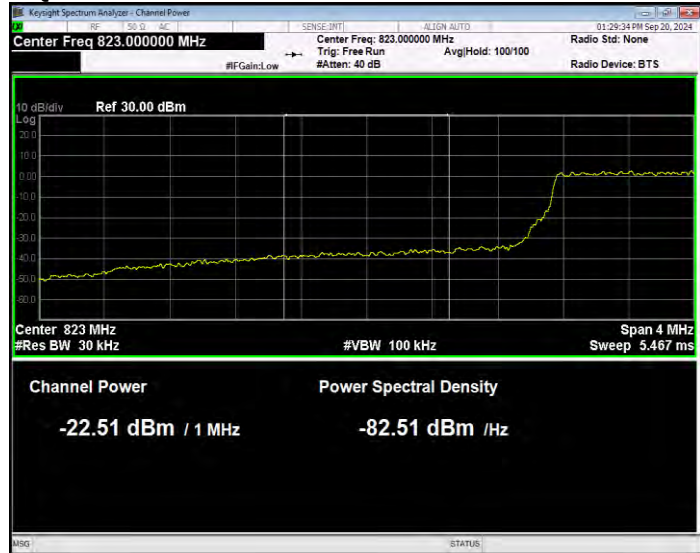
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#Max Extended



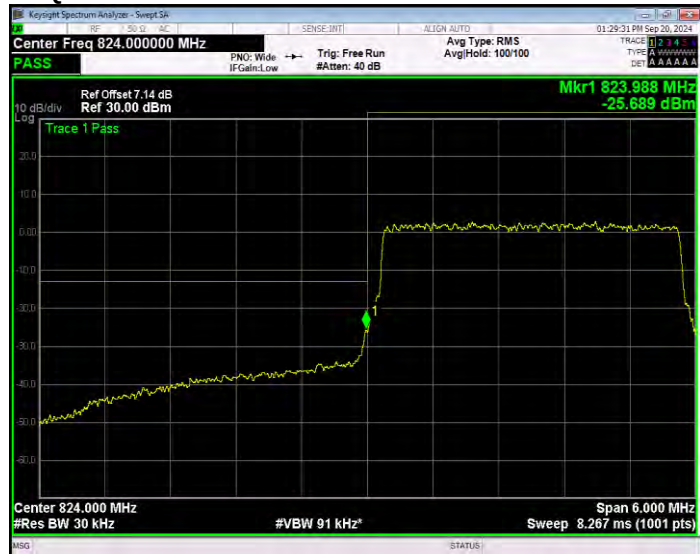
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#Max Normal



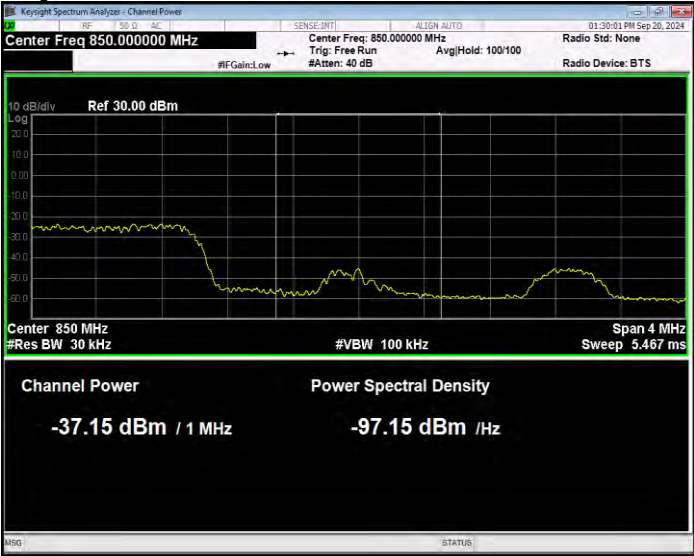
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0 Extended



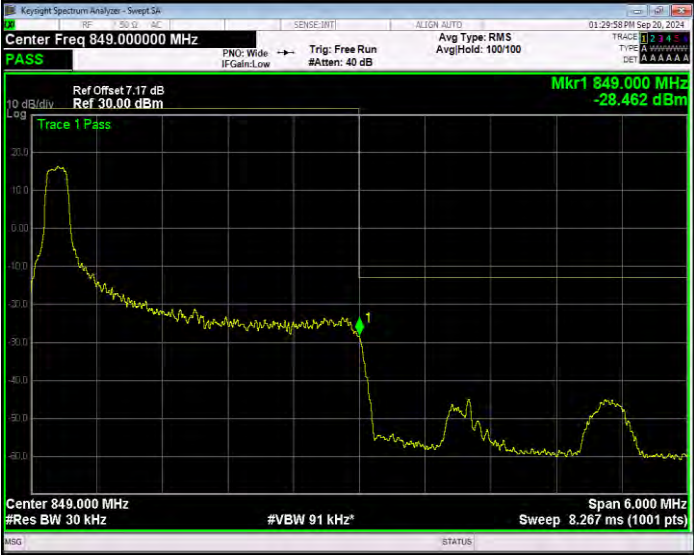
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0 Normal



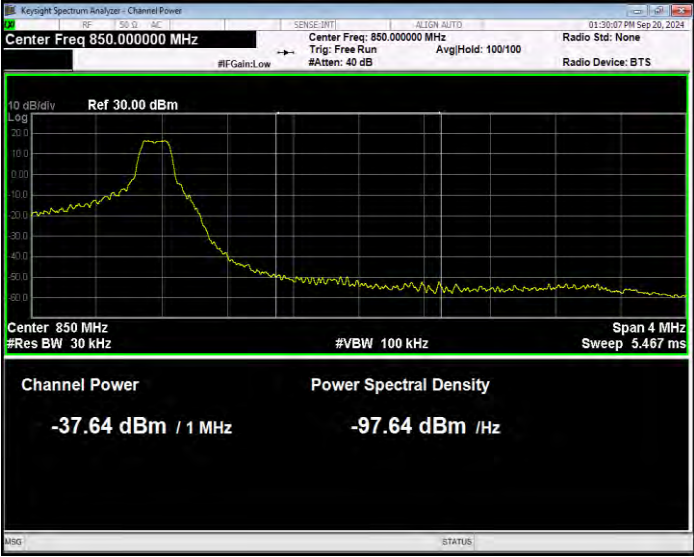
Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#0 Extended



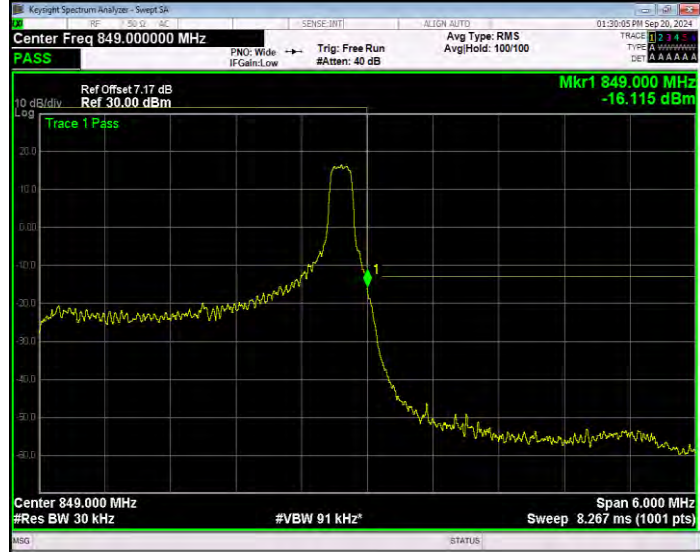
Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#0 Normal



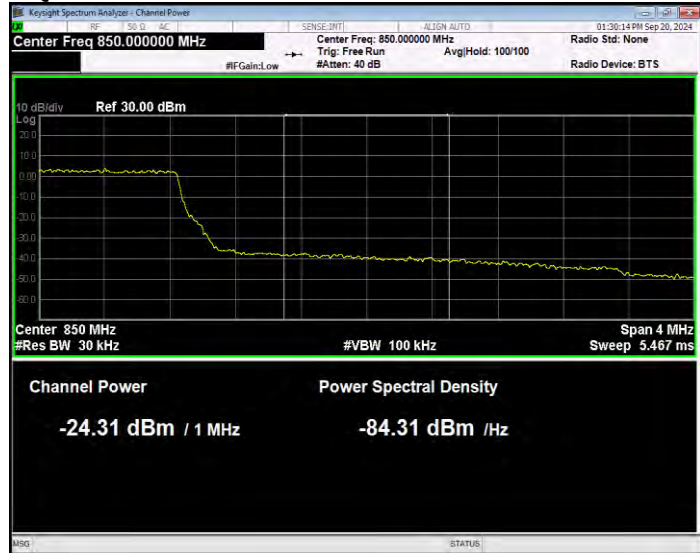
Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#Max Extended



Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#Max Normal



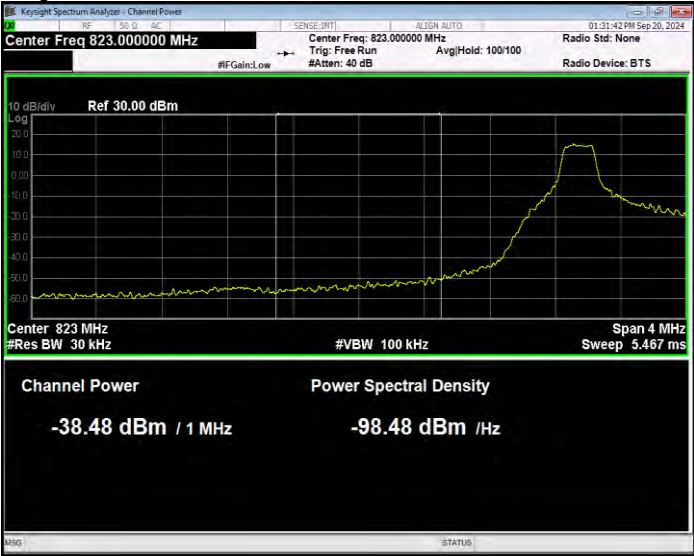
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0 Extended



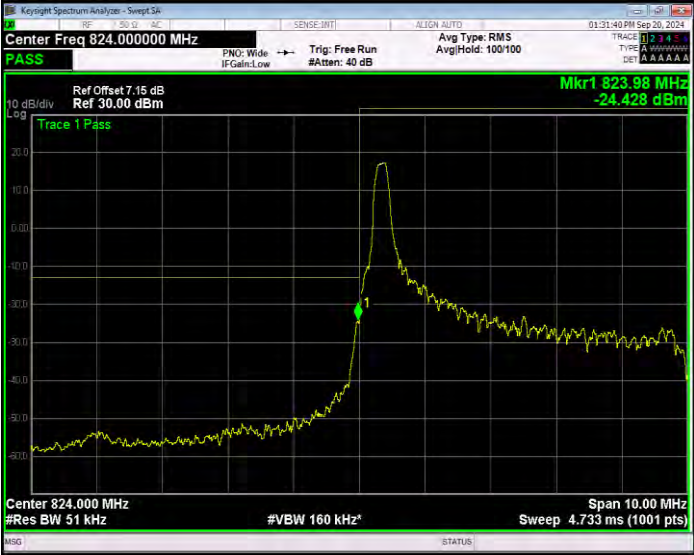
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0 Normal



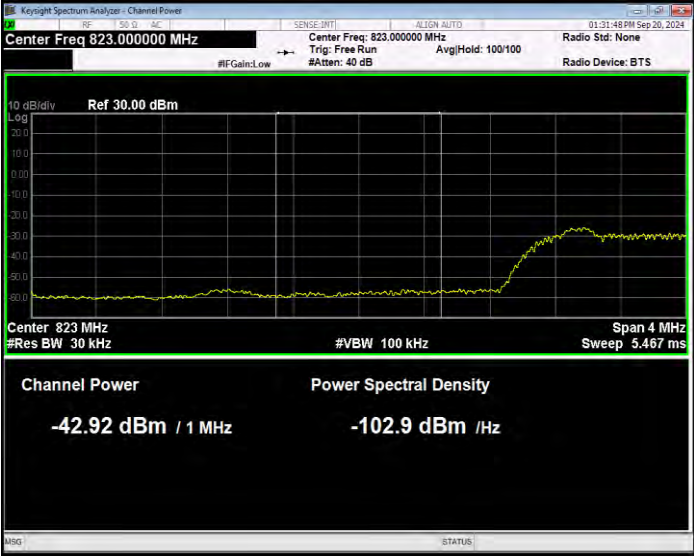
Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#0 Extended



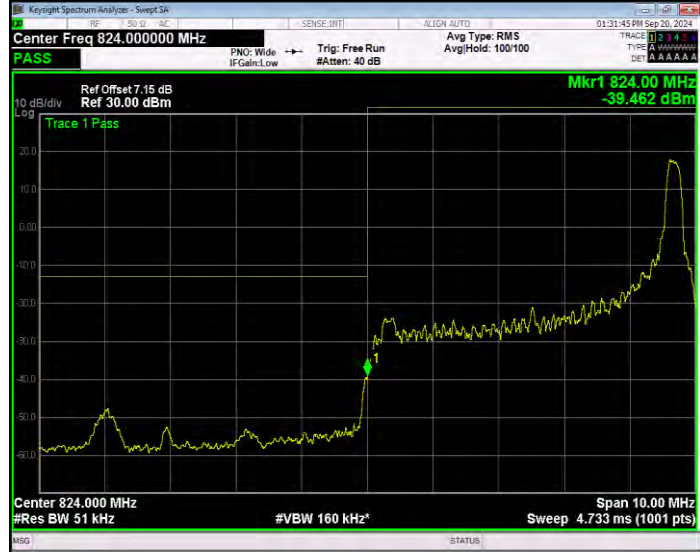
Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#0 Normal



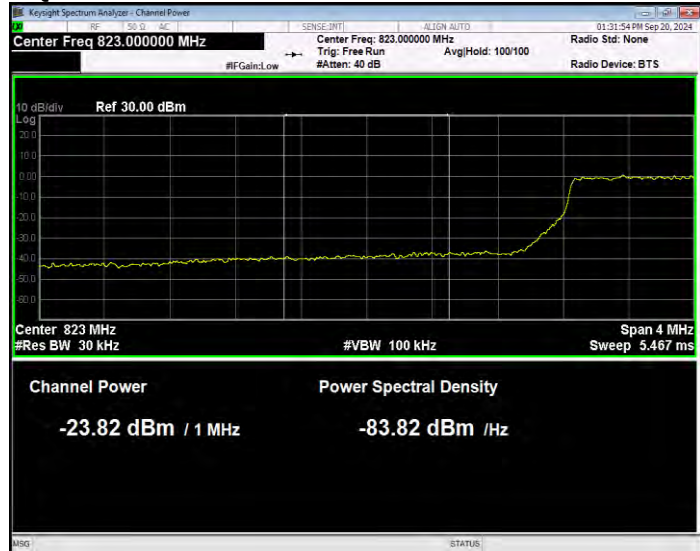
Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#Max Extended



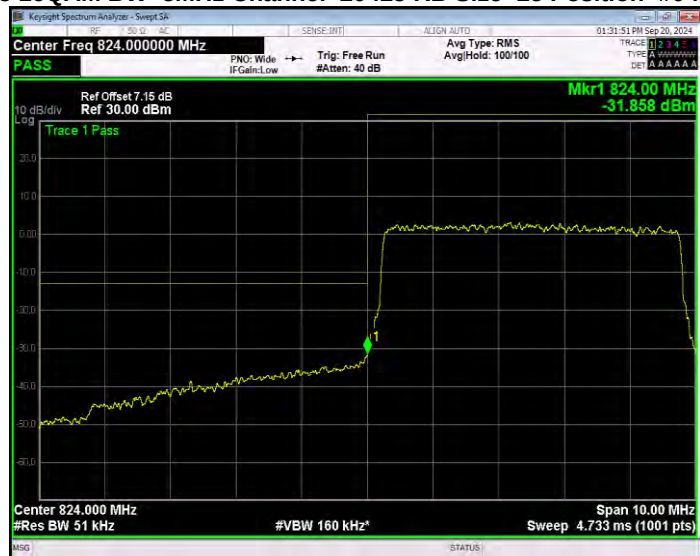
Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#Max Normal



Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0 Extended



Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0 Normal



Keysight Spectrum Analyzer - Channel Power

RF 50.0 AC SENSE ON ALIGN AUTO 01:32:19 PM Sep 20, 2024

Center Freq 850.000000 MHz Radio Std: None

Trig: Free Run Avg/Hold: 100/100

#Atten: 40 dB Radio Device: BTS

#FGainLow

10 dB/div Ref 30.00 dBm

Log

Center 850 MHz Span 4 MHz

#Res BW 30 kHz #VBW 100 kHz Sweep 5.467 ms

Channel Power Power Spectral Density

-42.93 dBm / 1 MHz -102.9 dBm /Hz

MSG STATUS

KeySight Spectrum Analyzer - Sweep 3A

Center Freq 849.000000 MHz

PASS

PNO: Wide IF Gain: Low

Trig: Free Run

#Atten: 40 dB

Avg Type: RMS

Avg/Hold: 100/100

01:32:18 PM Sep 20, 2023

Trace 1: 3.4.4

Type: A

Det: A

Mkr1 849.00 MHz

-37.657 dBm

10 dB/div

Ref Offset 7.17 dB

Ref 30.00 dBm

Trace 1 Pass

Center 849.000 MHz

#Res BW 51 kHz

#VBW 160 kHz

Span 10.00 MHz

Sweep 4.733 ms (1001 pts)

MSG

STATUS

KeySight Spectrum Analyzer - Channel Power

SENSE ONT ALGN AUTO 01:32:25 PM Sep 20, 2024

Center Freq 850.000000 MHz Radio Std: None

Trig: Free Run Avg/Hold: 100/100

#FGainLow #ATTen: 40 dB Radio Device: BTS

10 dB/div Ref 30.00 dBm

Center 850 MHz Span 4 MHz

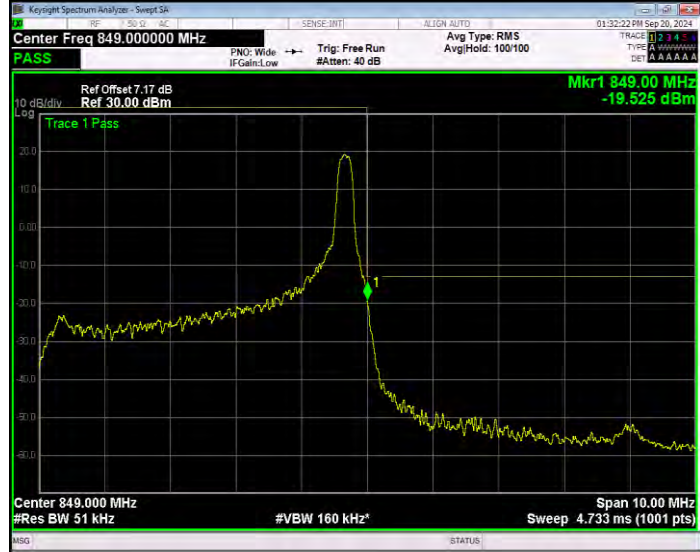
#Res BW 30 kHz #VBW 100 kHz Sweep 5.467 ms

Channel Power Power Spectral Density

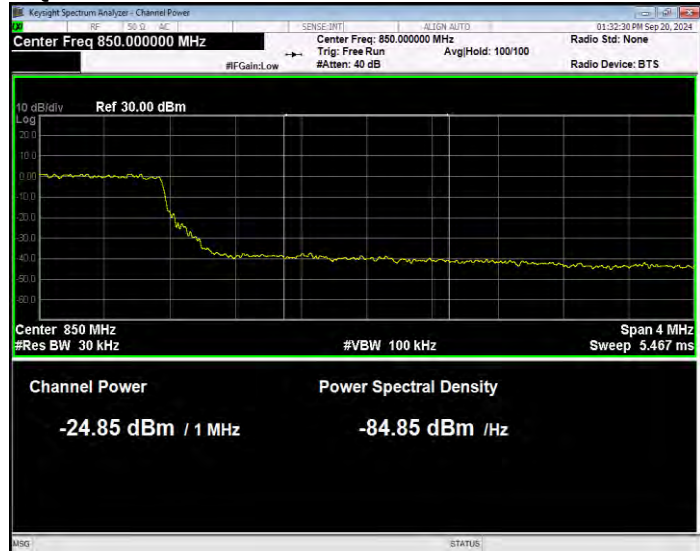
-37.42 dBm / 1 MHz -97.42 dBm / Hz

Usage STATUS

Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#Max Normal



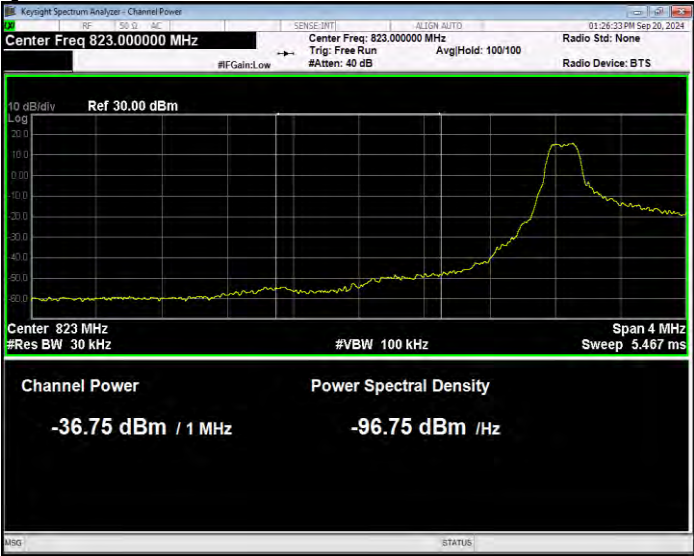
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0 Extended



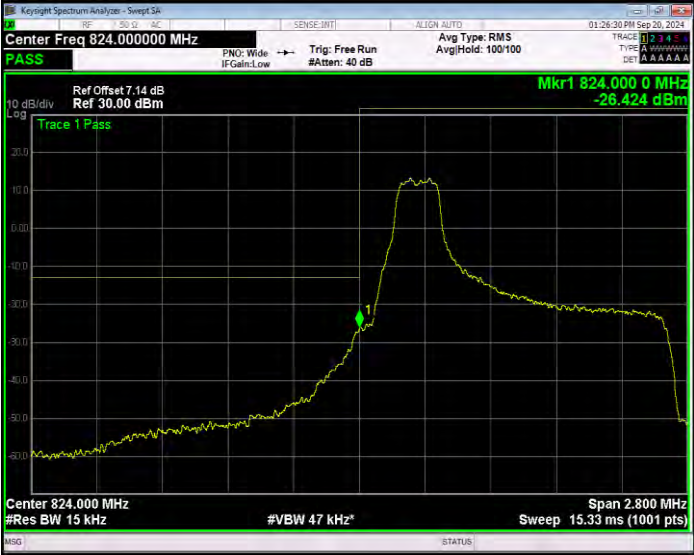
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0 Normal



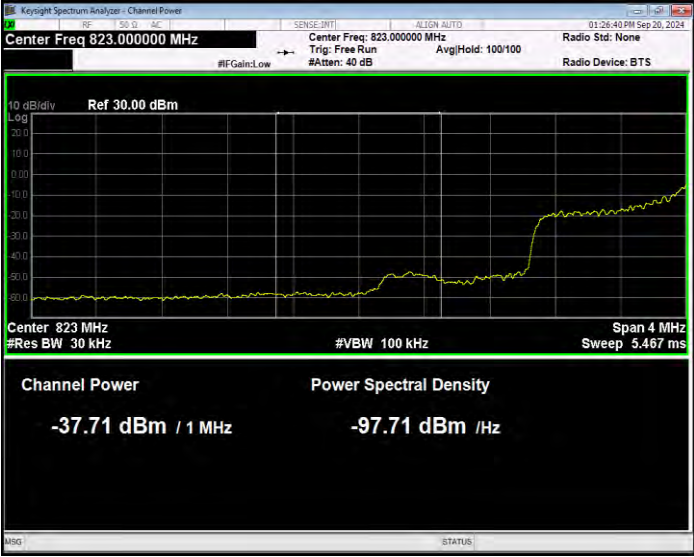
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0 Extended



Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0 Normal



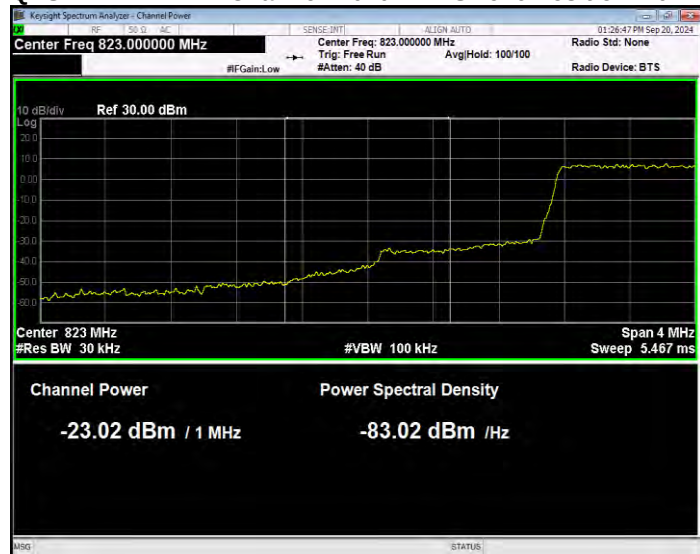
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#Max Extended



Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#Max Normal



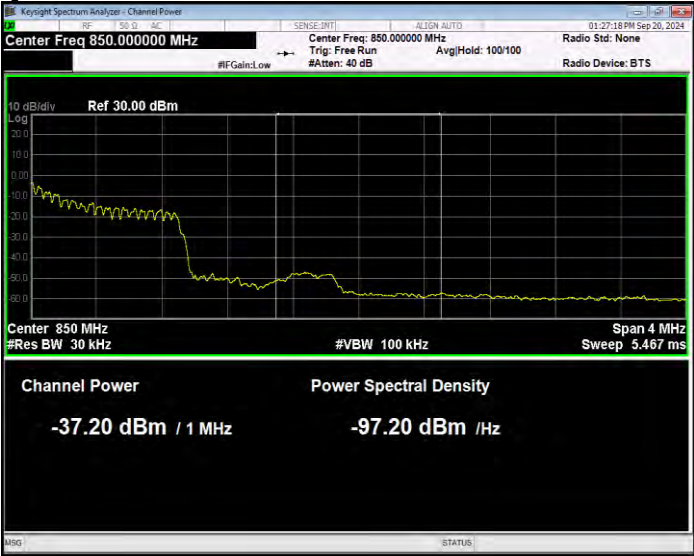
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0 Extended



Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0 Normal



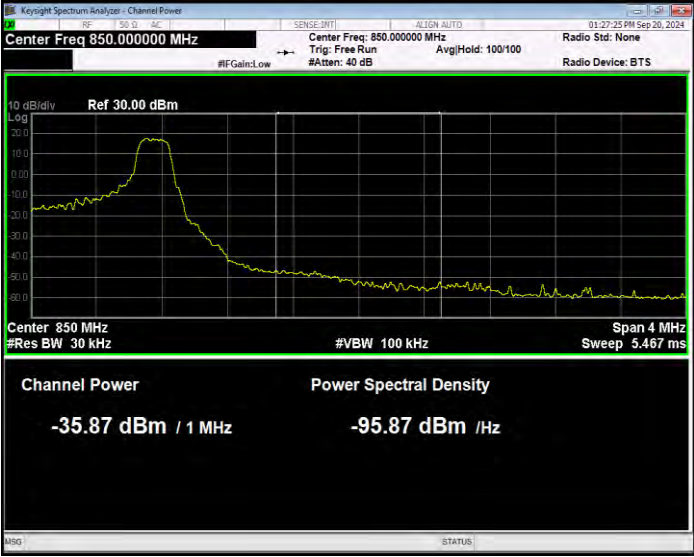
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0 Extended



Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0 Normal



Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#Max Extended



Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#Max Normal



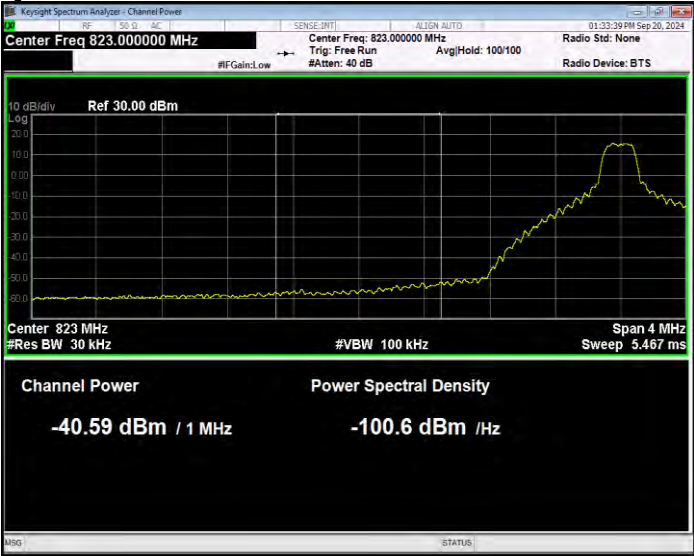
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0 Extended



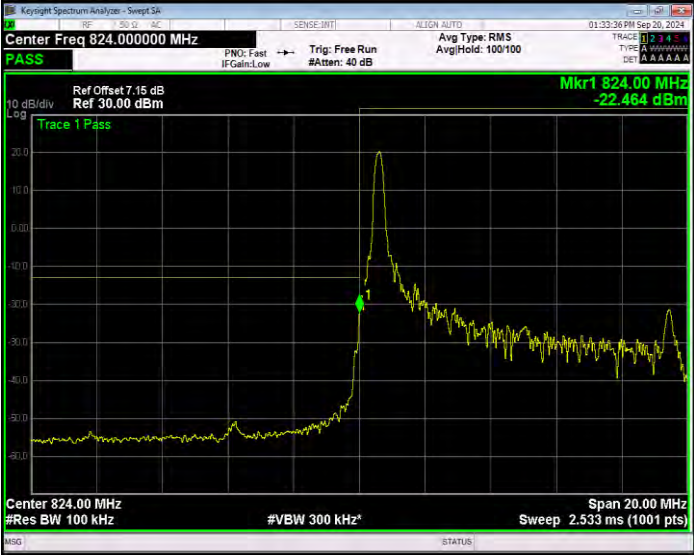
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0 Normal



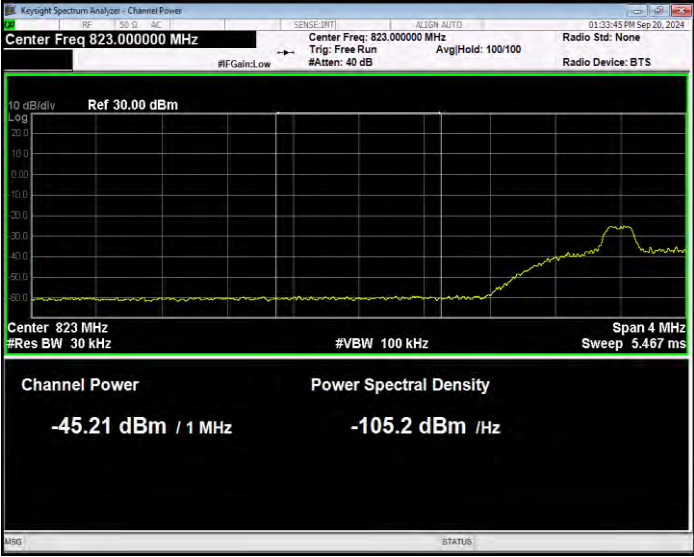
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0 Extended



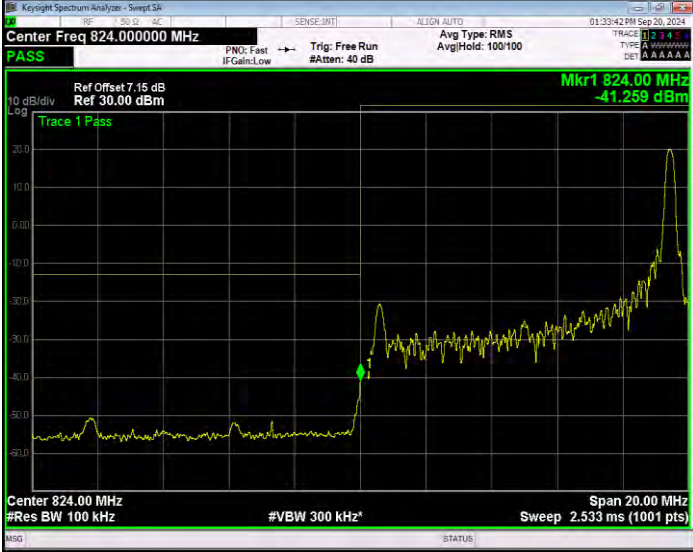
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0 Normal



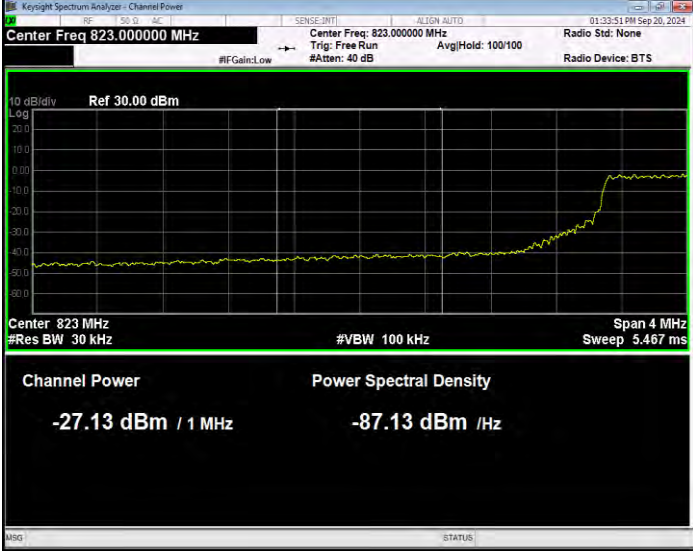
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#Max Extended



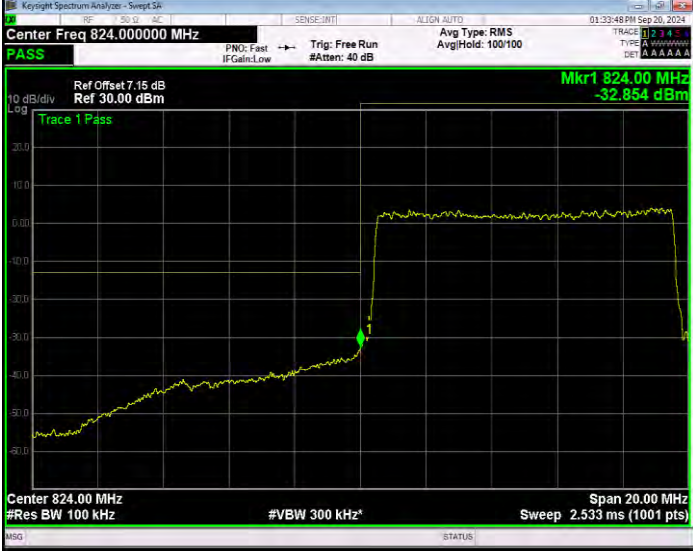
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#Max Normal



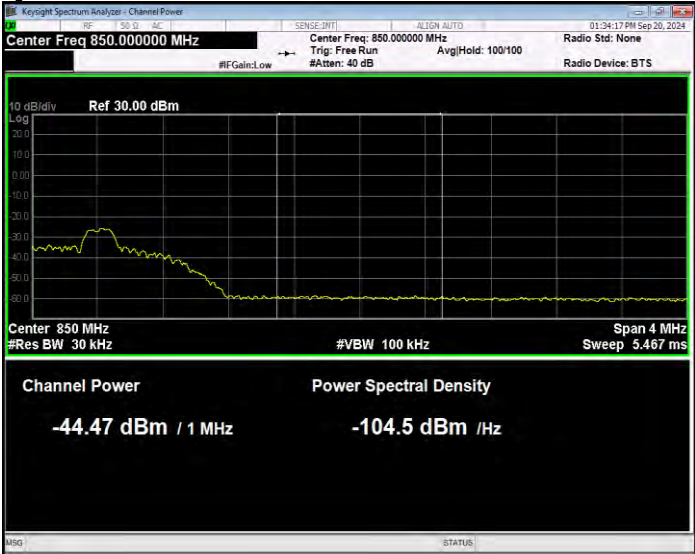
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0 Extended



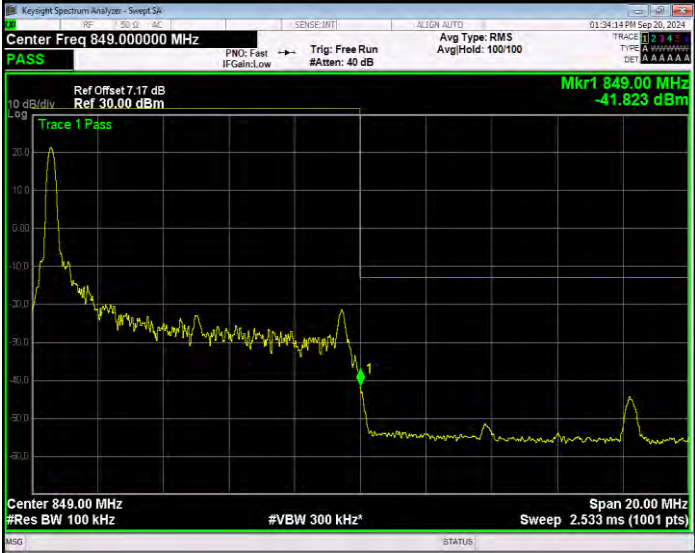
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0 Normal



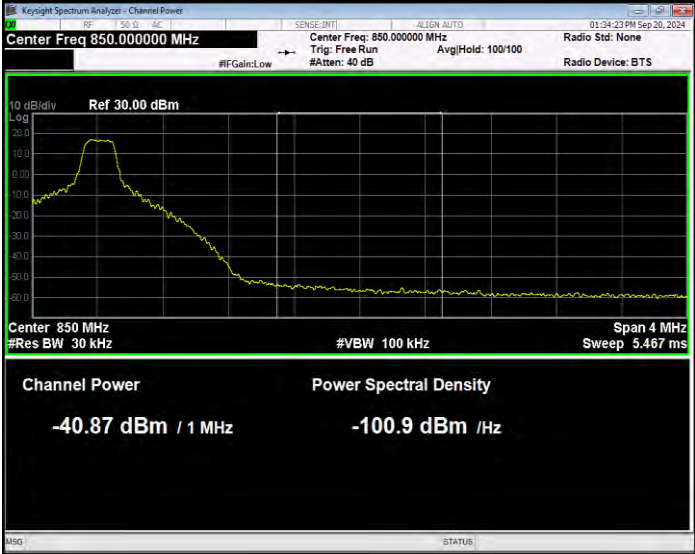
Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#0 Extended



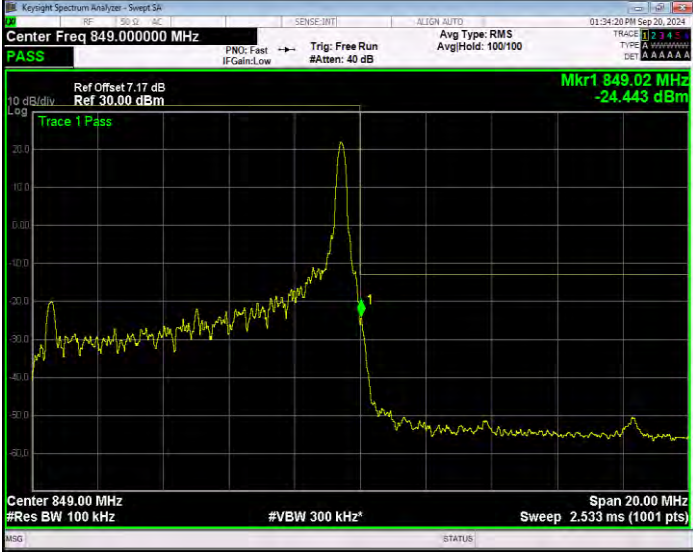
Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#0 Normal



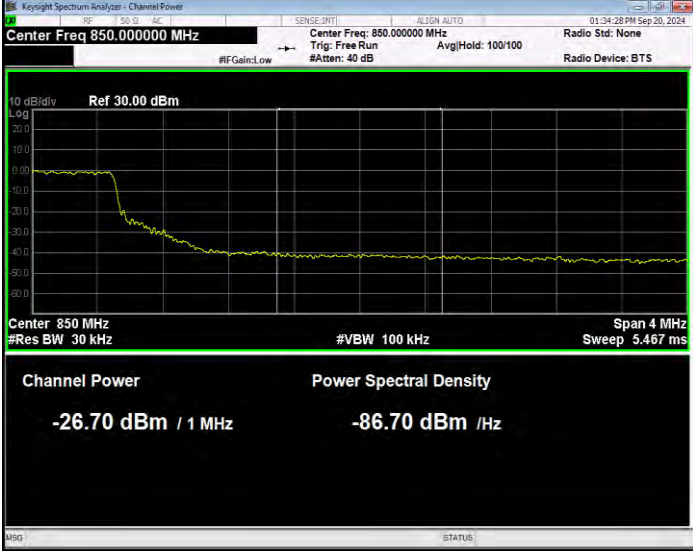
Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#Max Extended



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



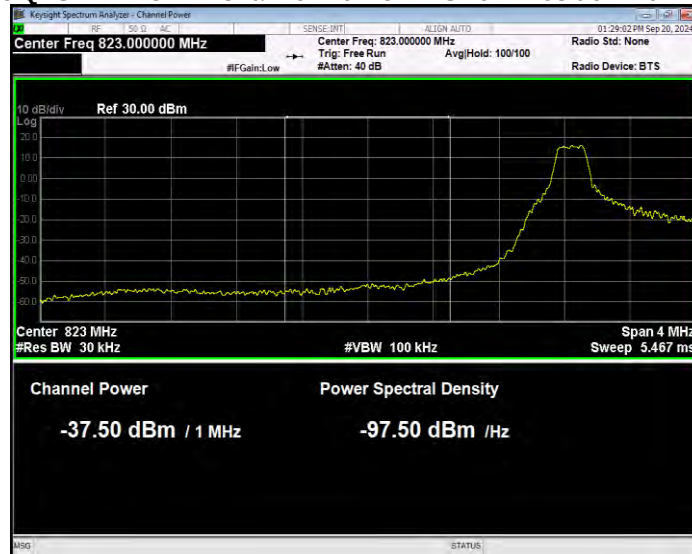
Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0 Extended



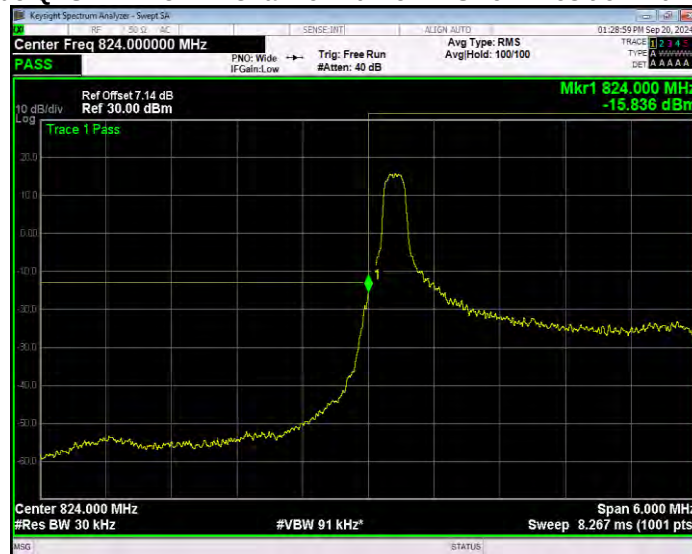
Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0 Normal



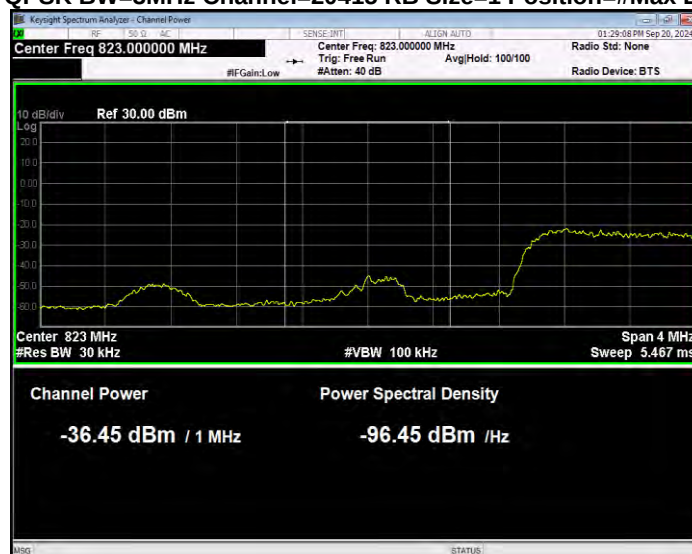
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0 Extended



Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0 Normal



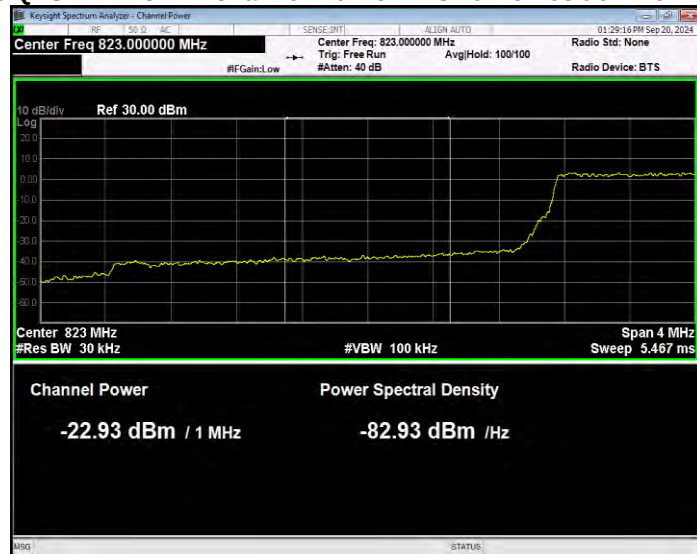
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#Max Extended



Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#Max Normal



Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0 Extended



Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0 Normal



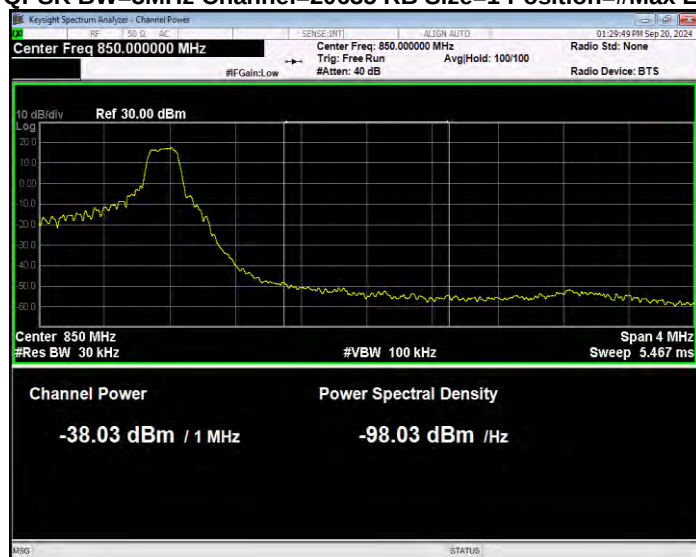
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0 Extended



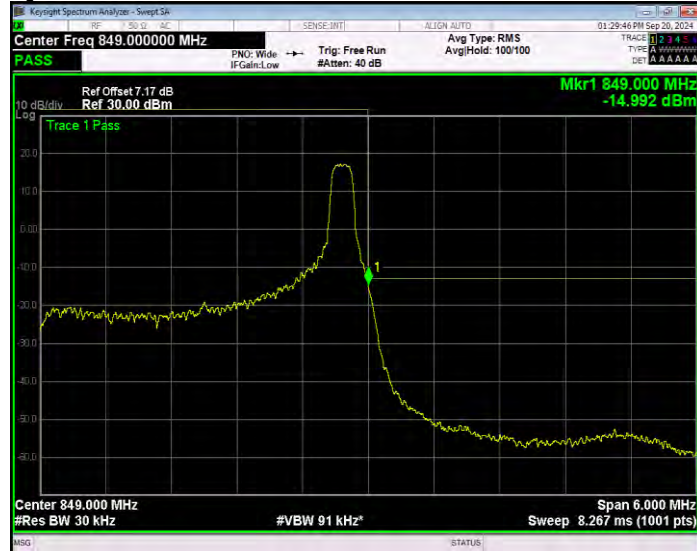
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0 Normal



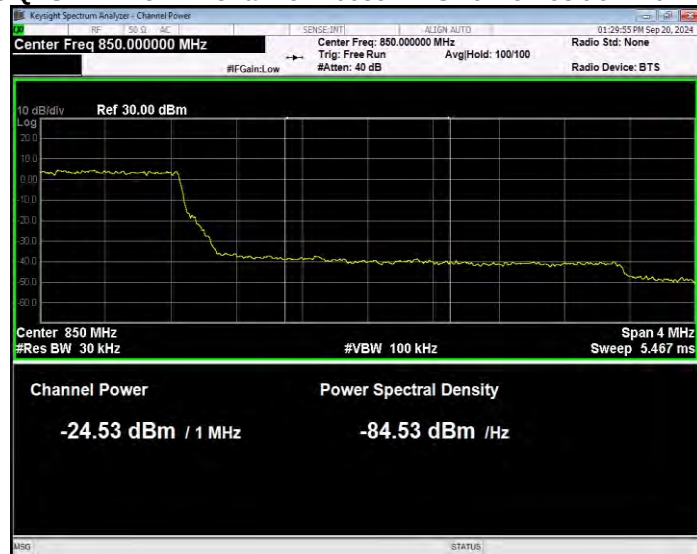
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#Max Extended



Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#Max Normal

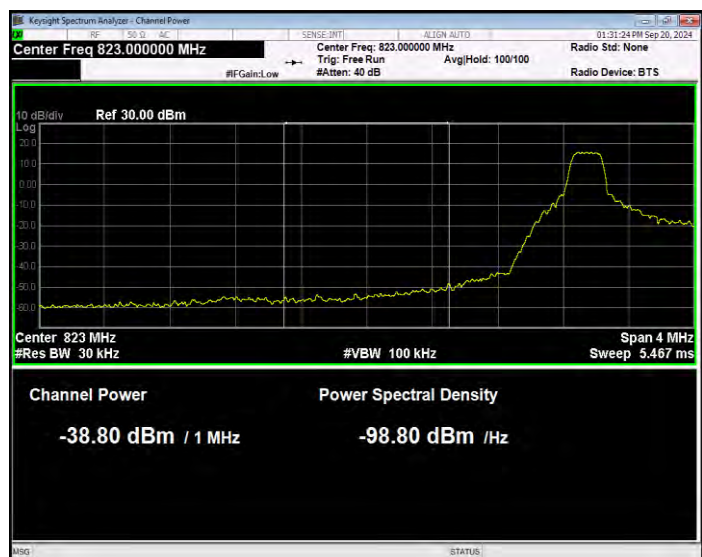


Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0 Extended

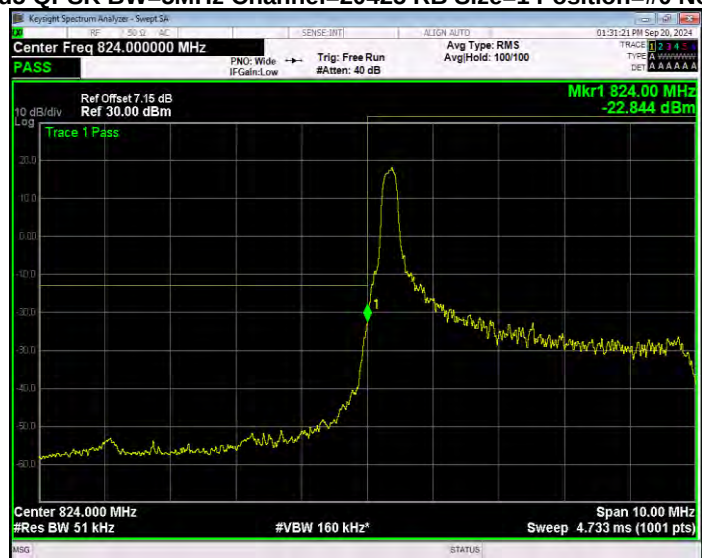


Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0 Normal

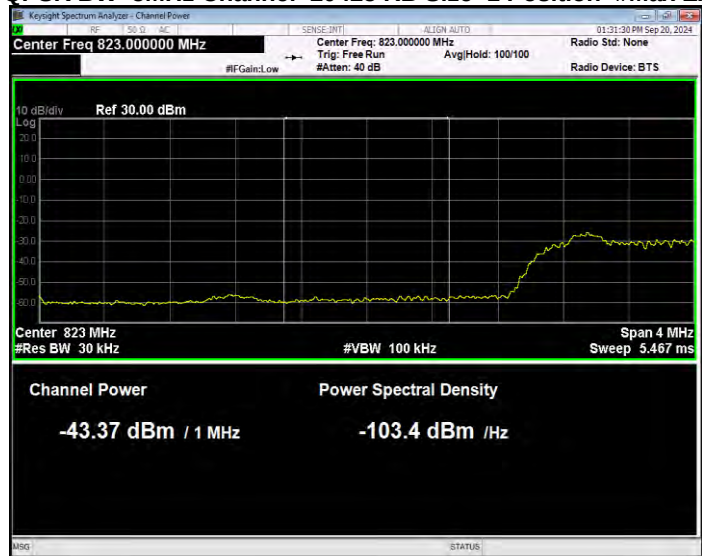




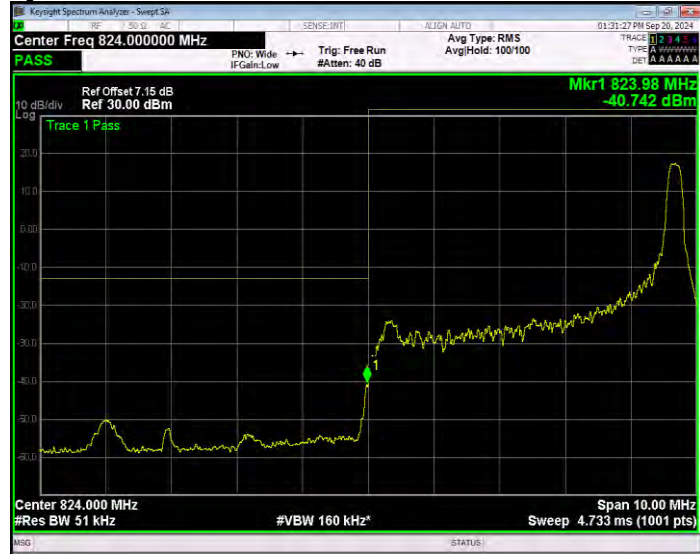
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0 Normal



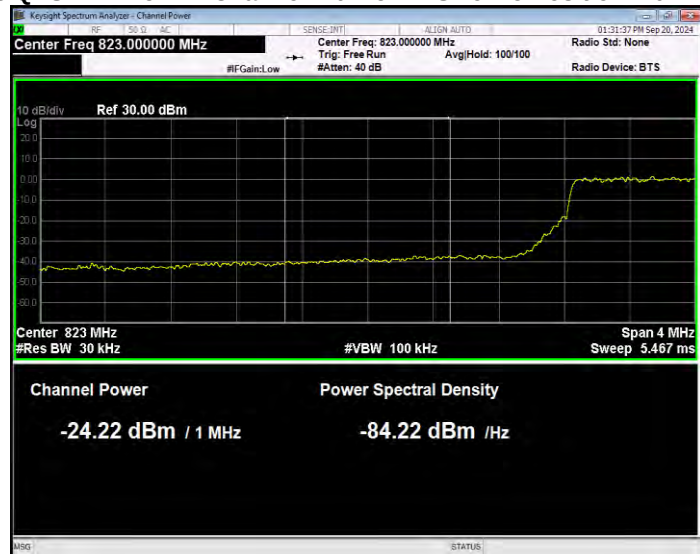
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#Max Extended



Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#Max Normal



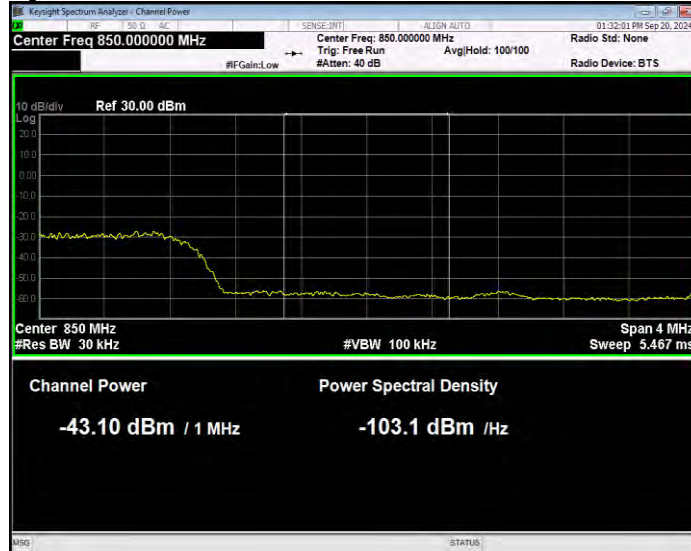
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0 Extended



Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0 Normal



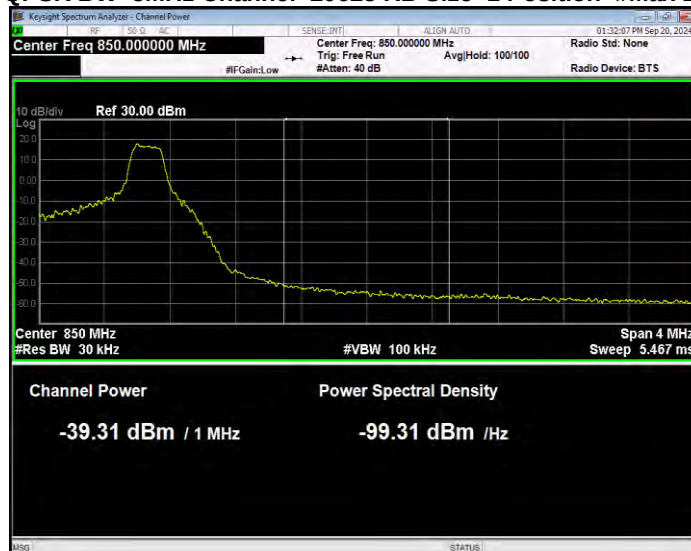
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0 Extended



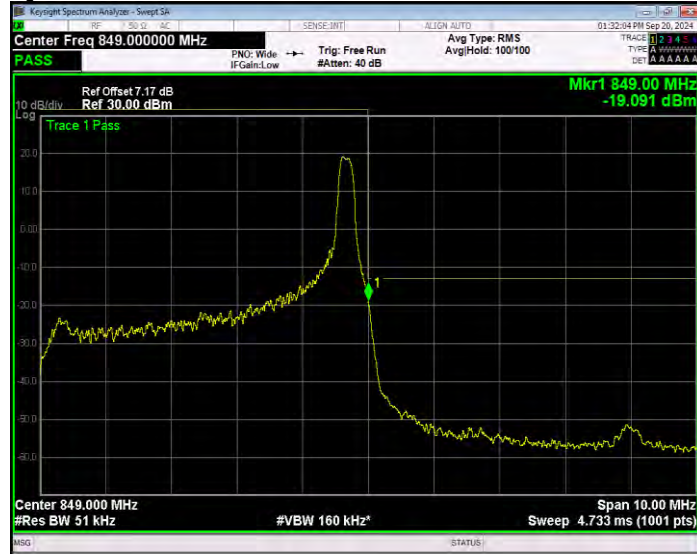
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0 Normal



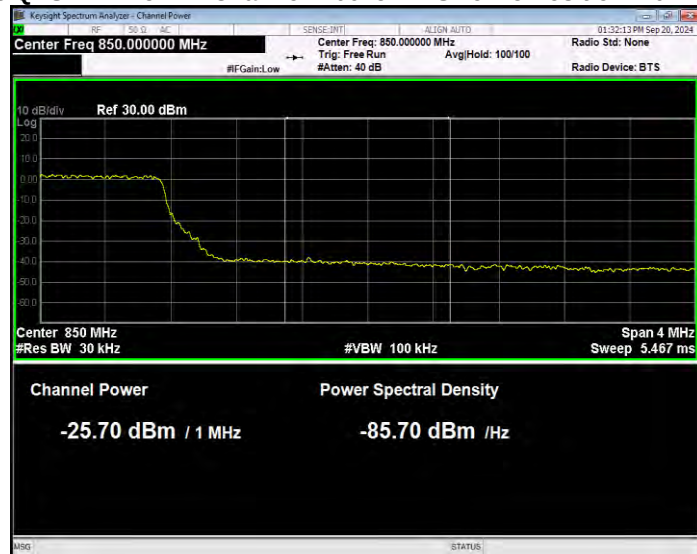
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#Max Extended



Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#Max Normal



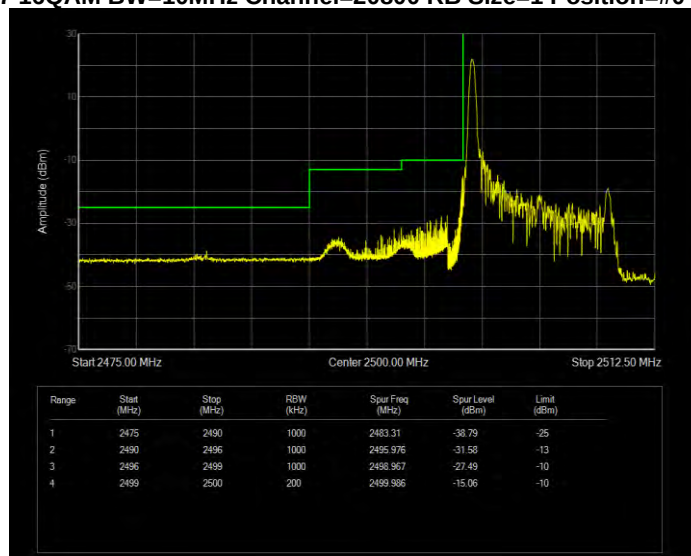
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0 Extended



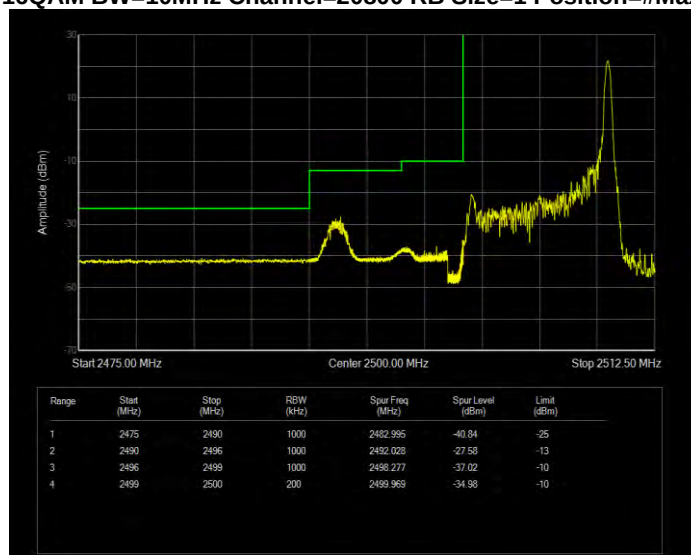
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0 Normal



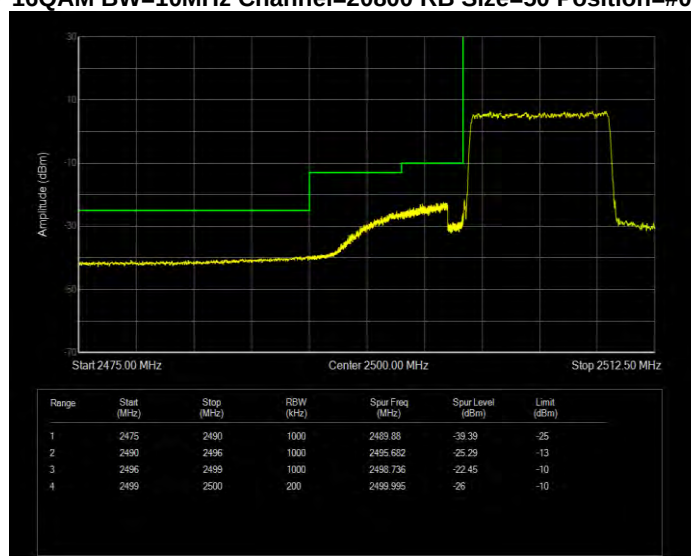
Band7 16QAM BW=10MHz Channel=20800 RB Size=1 Position=#0 Normal



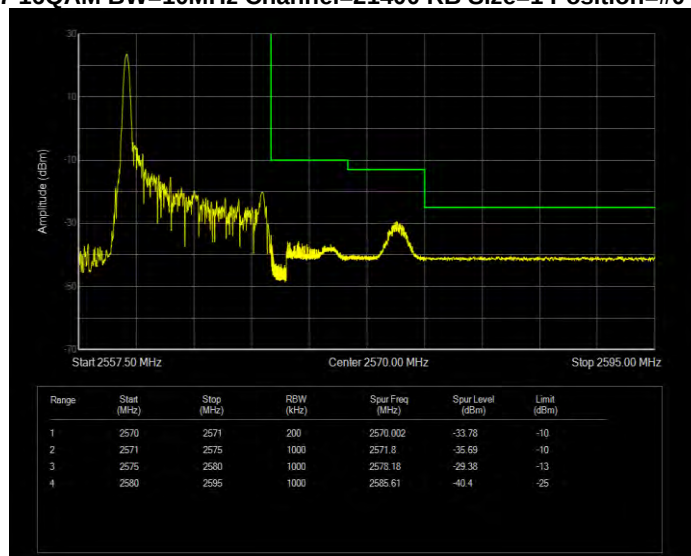
Band7 16QAM BW=10MHz Channel=20800 RB Size=1 Position=#Max Normal



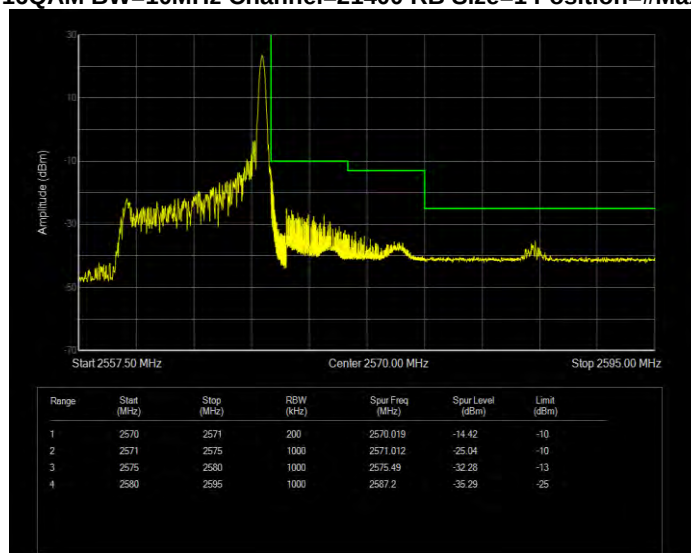
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0 Normal



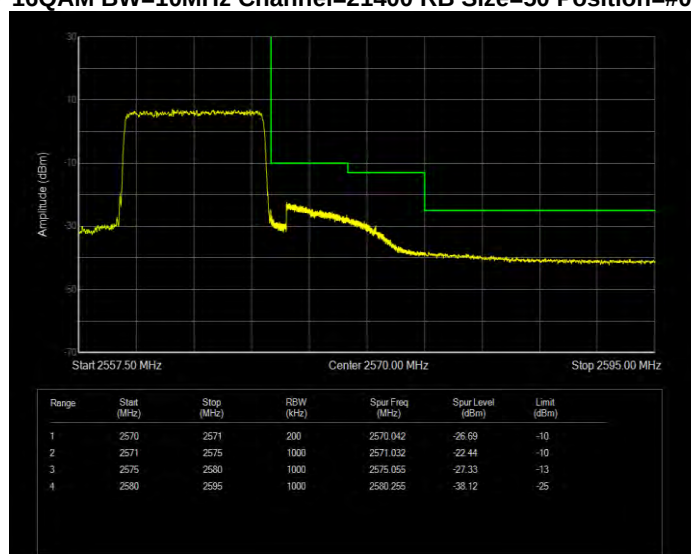
Band7 16QAM BW=10MHz Channel=21400 RB Size=1 Position=#0 Normal



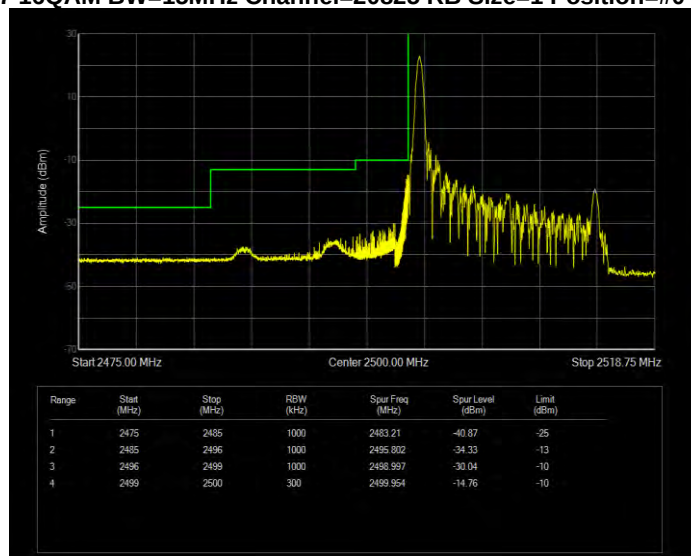
Band7 16QAM BW=10MHz Channel=21400 RB Size=1 Position=#Max Normal



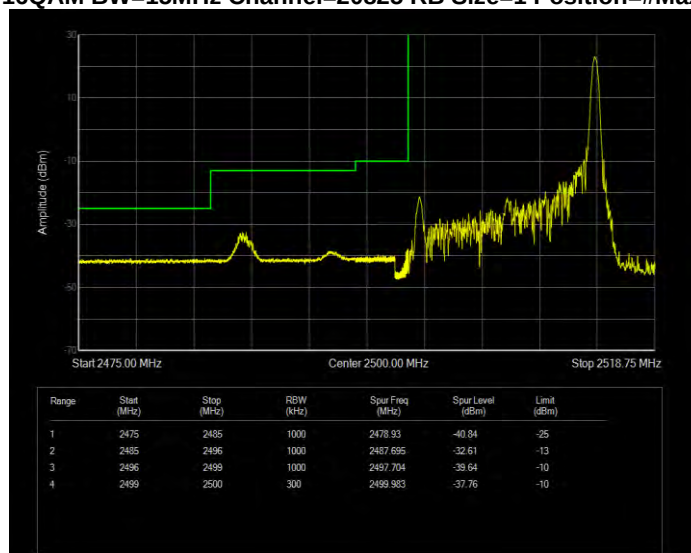
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0 Normal



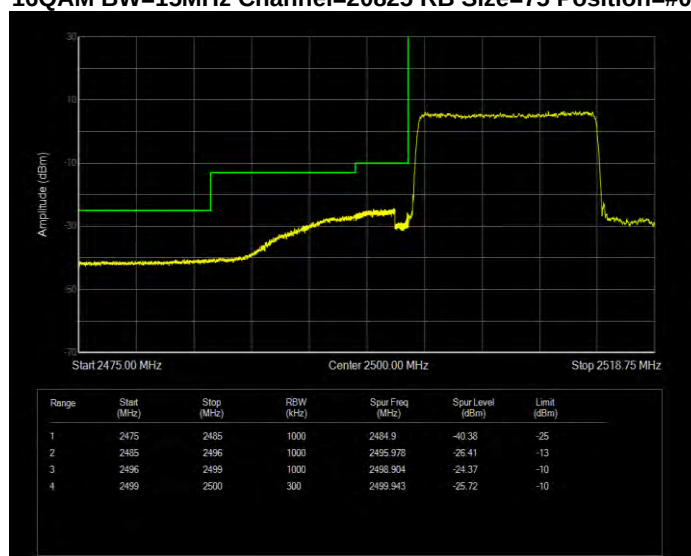
Band7 16QAM BW=15MHz Channel=20825 RB Size=1 Position=#0 Normal



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



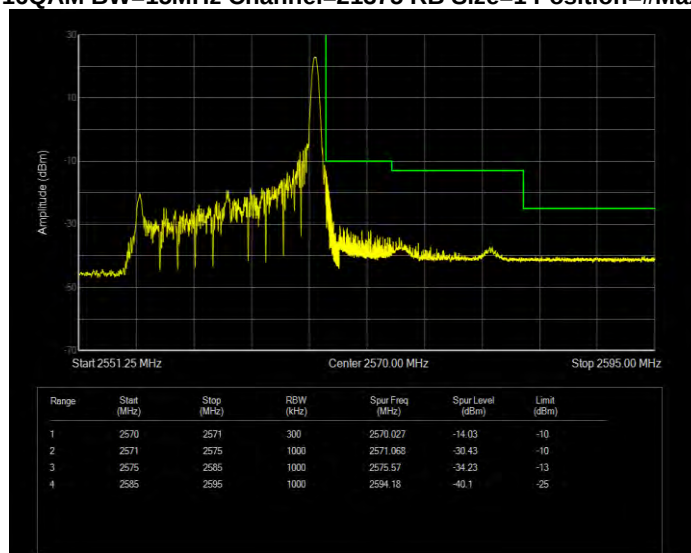
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0 Normal



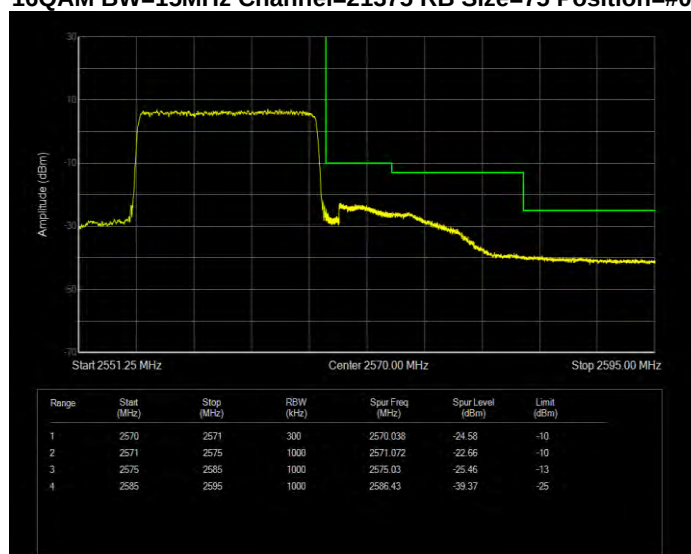
Band7 16QAM BW=15MHz Channel=21375 RB Size=1 Position=#0 Normal



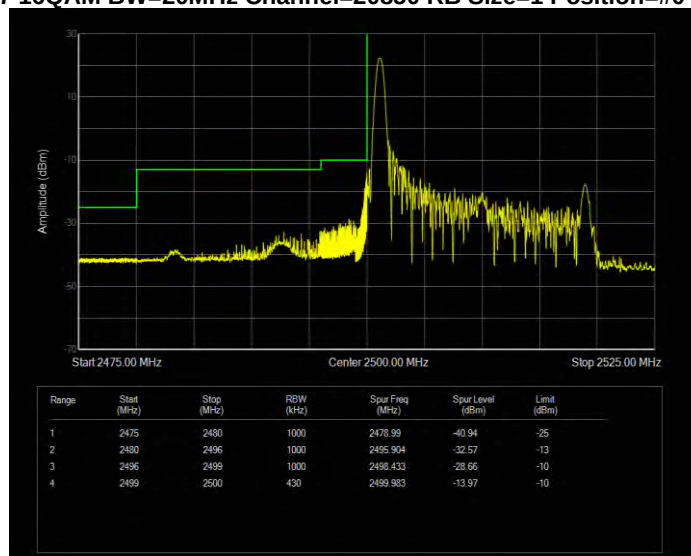
Band7 16QAM BW=15MHz Channel=21375 RB Size=1 Position=#Max Normal



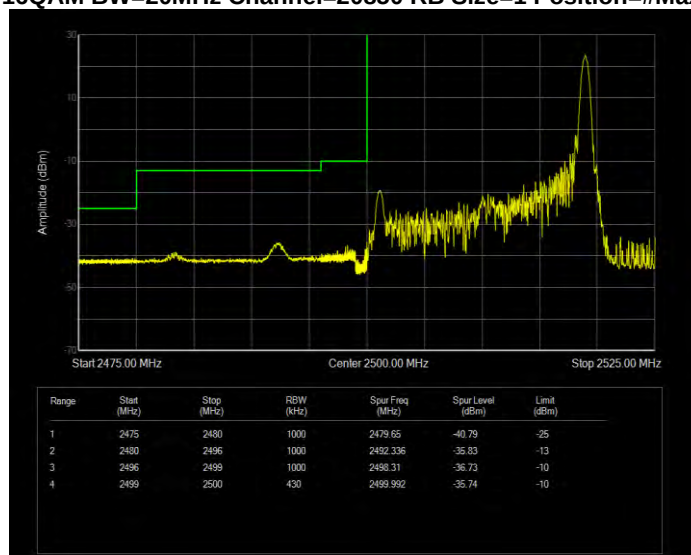
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0 Normal



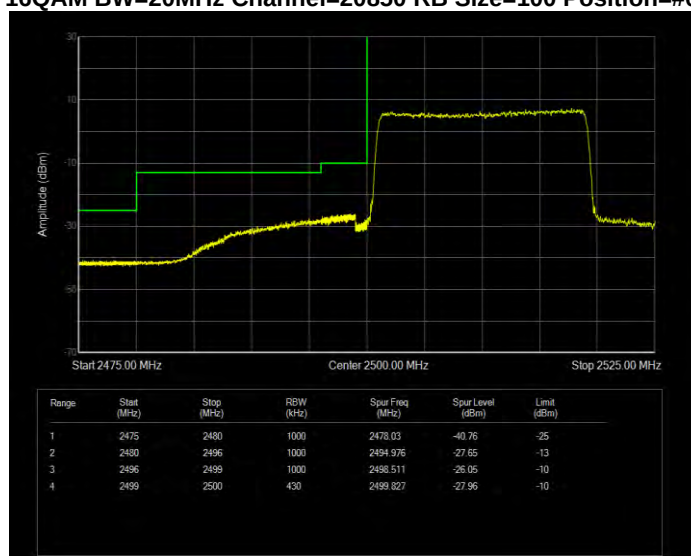
Band7 16QAM BW=20MHz Channel=20850 RB Size=1 Position=#0 Normal



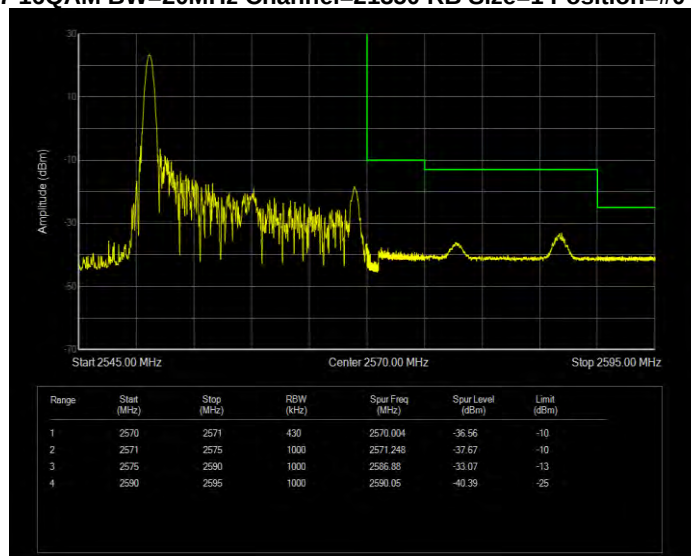
Band7 16QAM BW=20MHz Channel=20850 RB Size=1 Position=#Max Normal



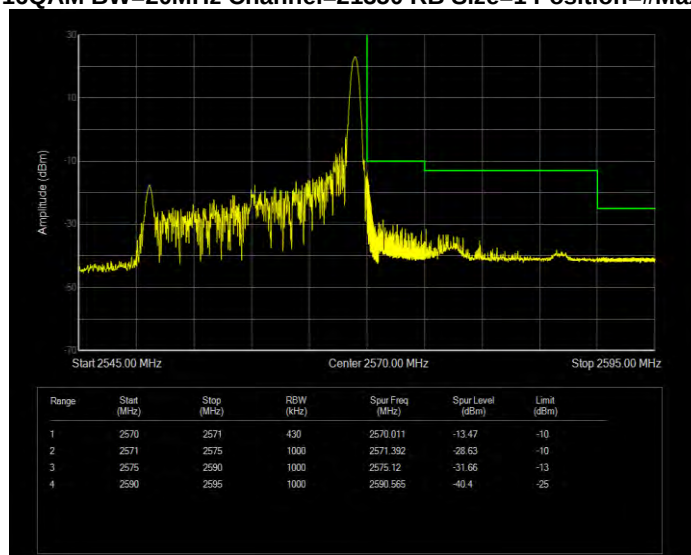
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0 Normal



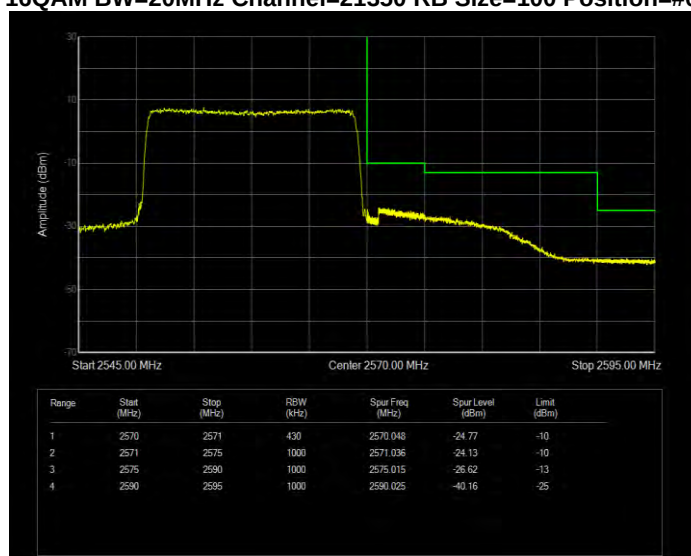
Band7 16QAM BW=20MHz Channel=21350 RB Size=1 Position=#0 Normal

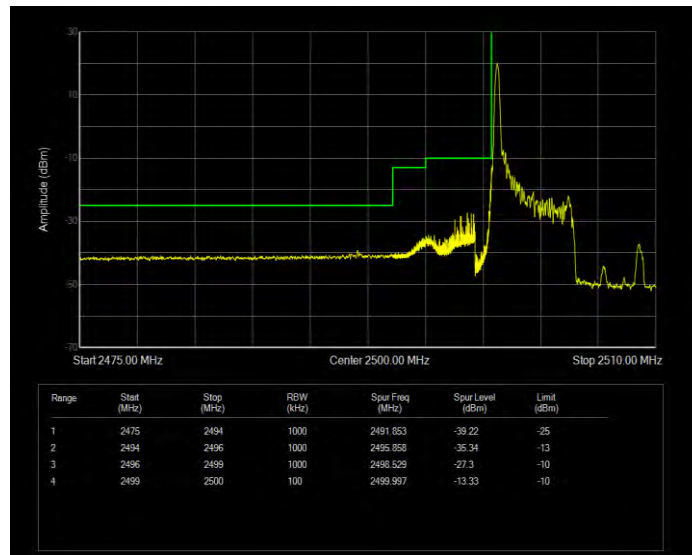


Band7 16QAM BW=20MHz Channel=21350 RB Size=1 Position=#Max Normal



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

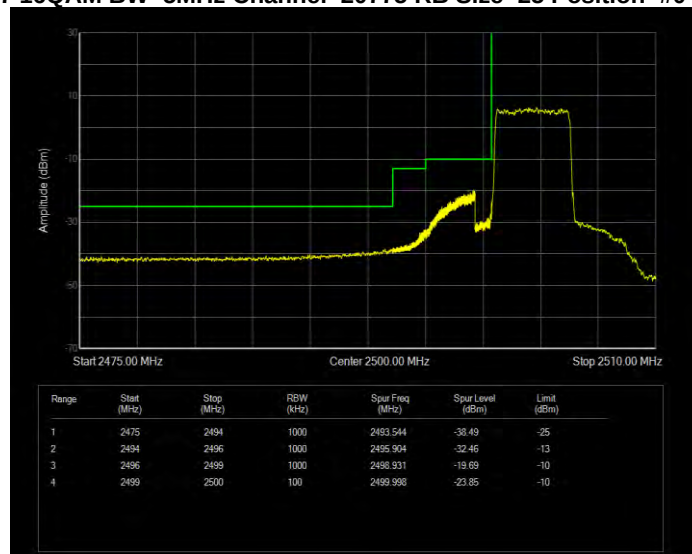




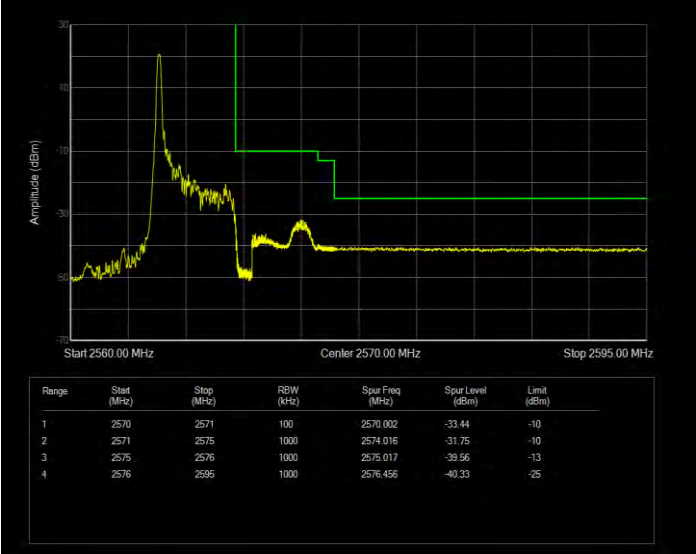
Band7 16QAM BW=5MHz Channel=20775 RB Size=1 Position=#Max Normal



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



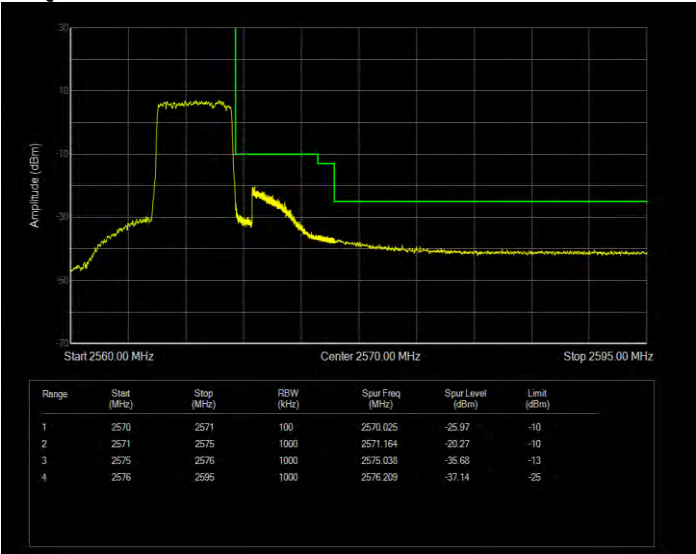
Band7 16QAM BW=5MHz Channel=21425 RB Size=1 Position=#0 Normal



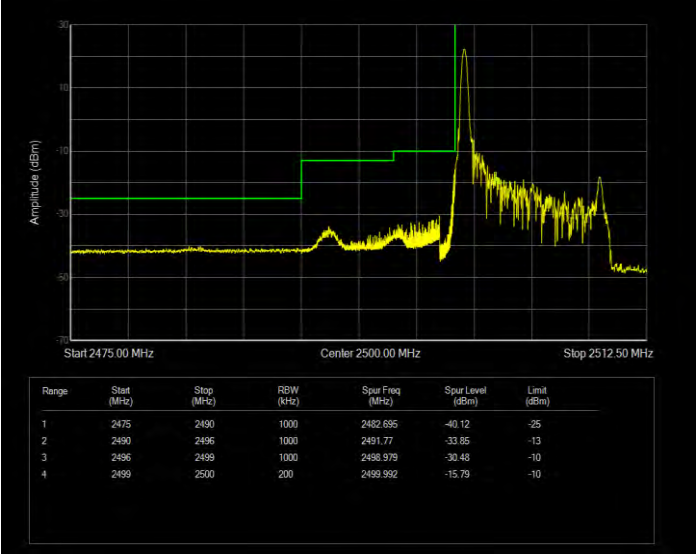
Band7 16QAM BW=5MHz Channel=21425 RB Size=1 Position=#Max Normal



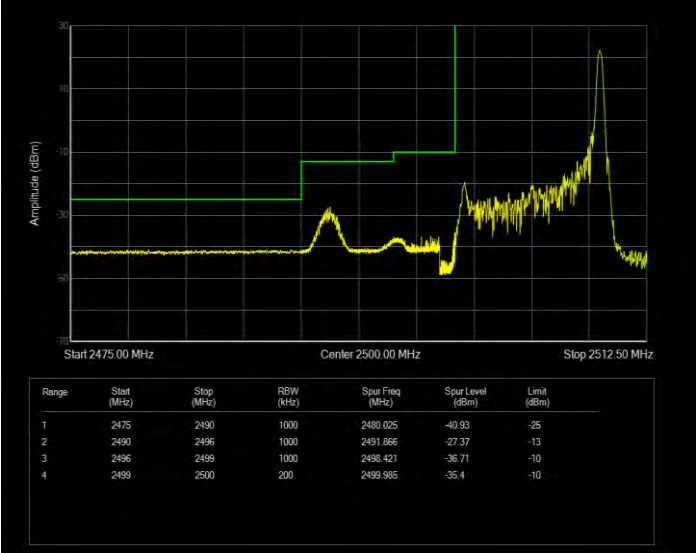
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0 Normal



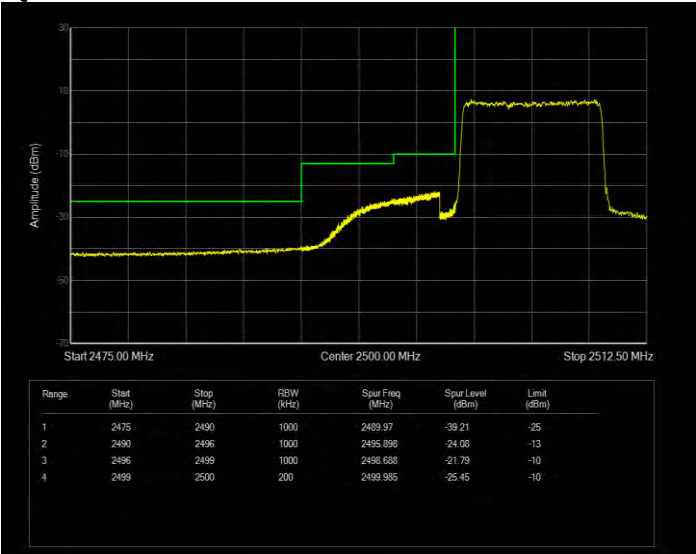
Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0 Normal



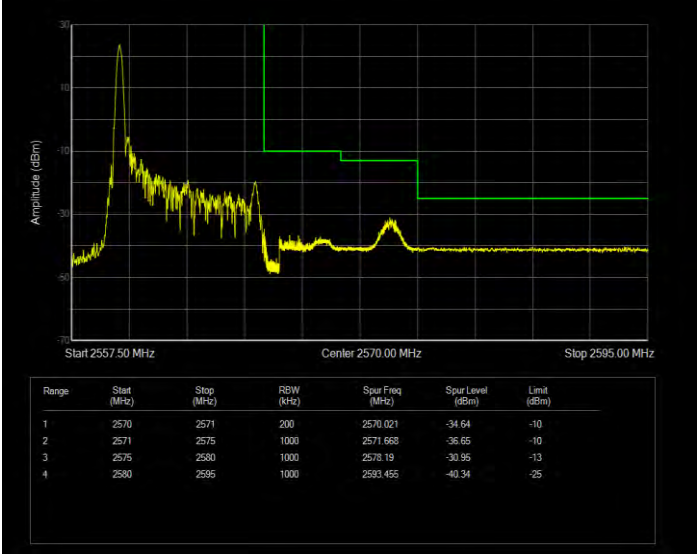
Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#Max Normal



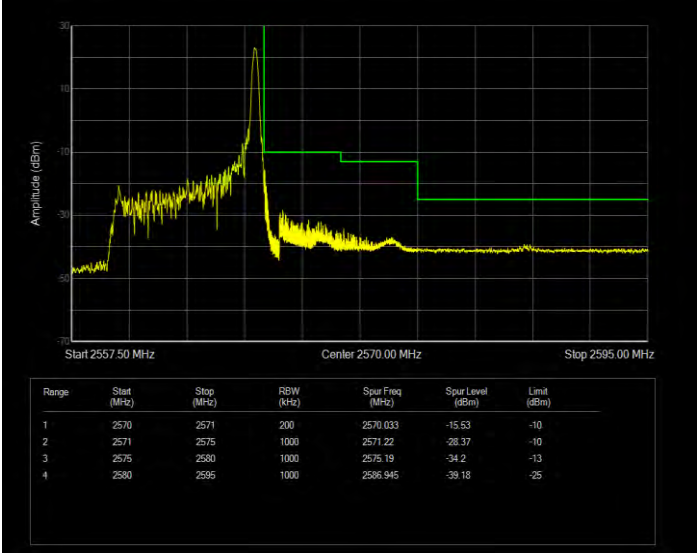
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0 Normal



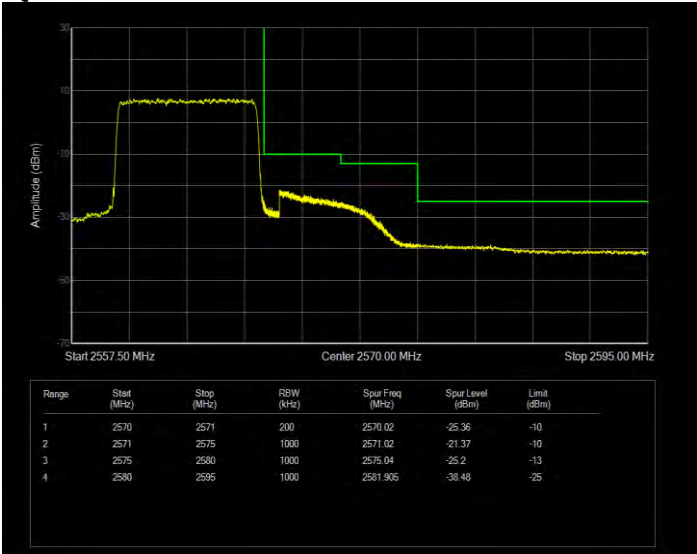
Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#0 Normal



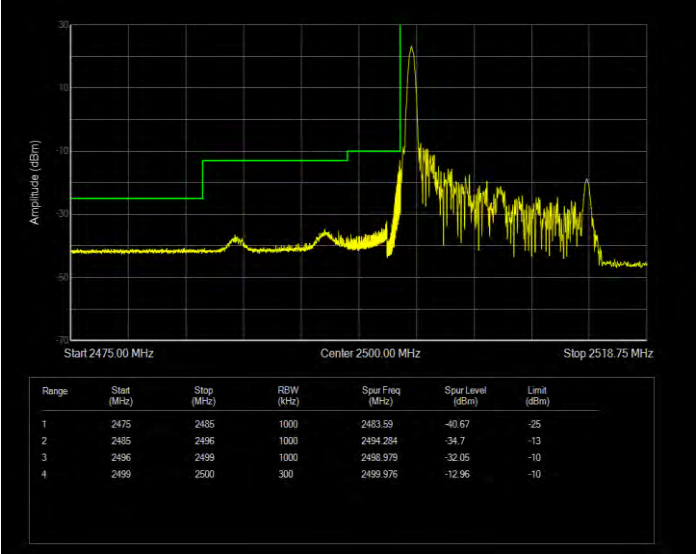
Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#Max Normal



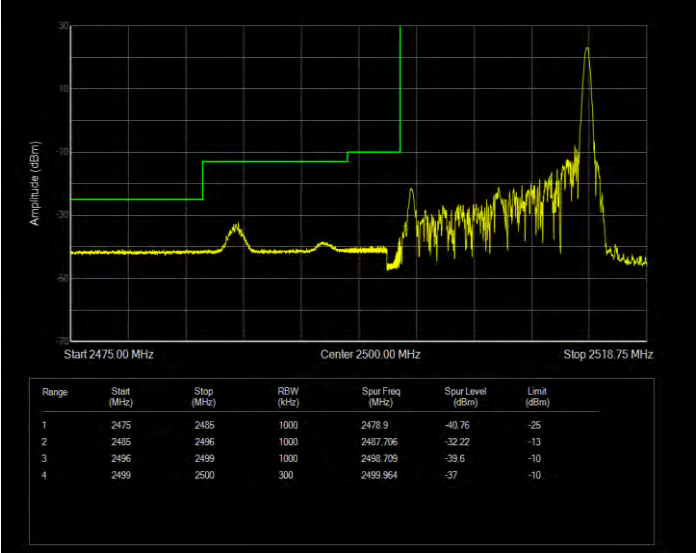
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0 Normal



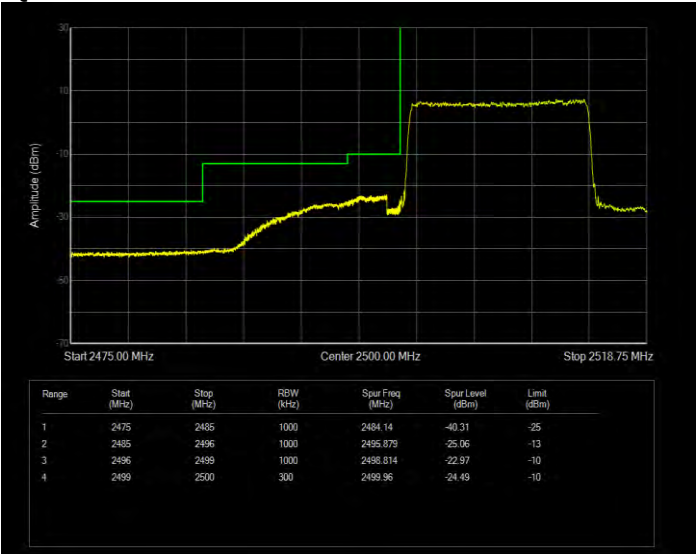
Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0 Normal



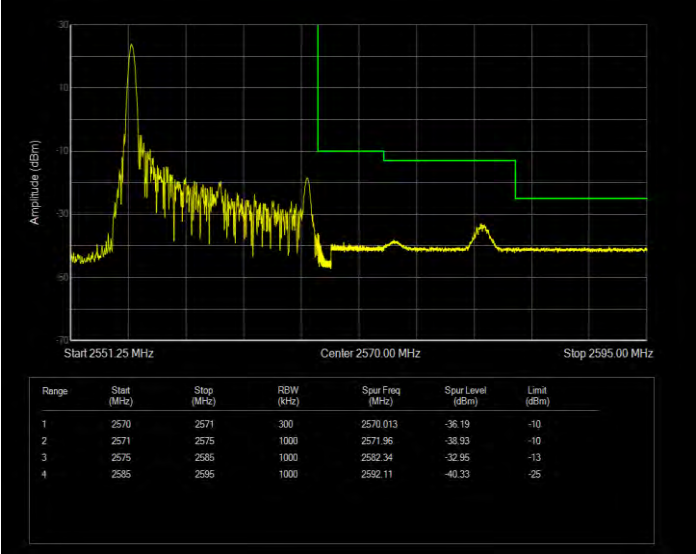
Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#Max Normal



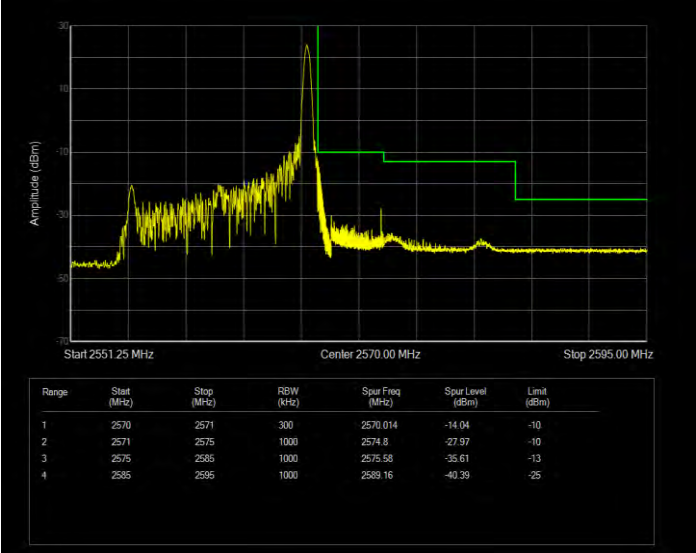
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0 Normal



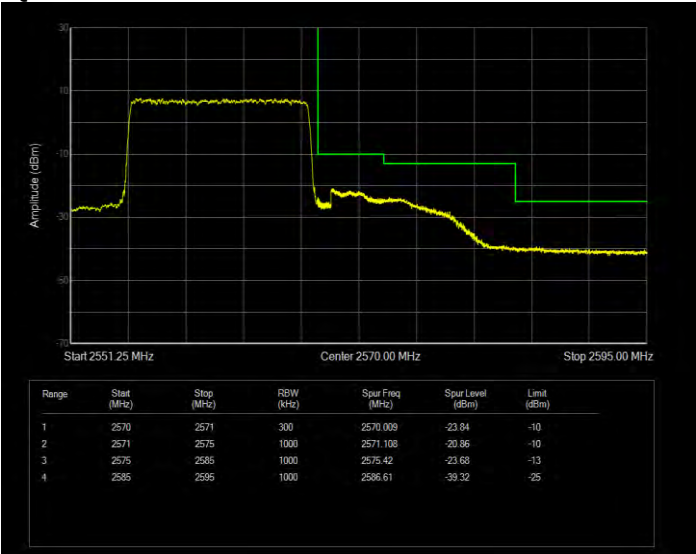
Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#0 Normal



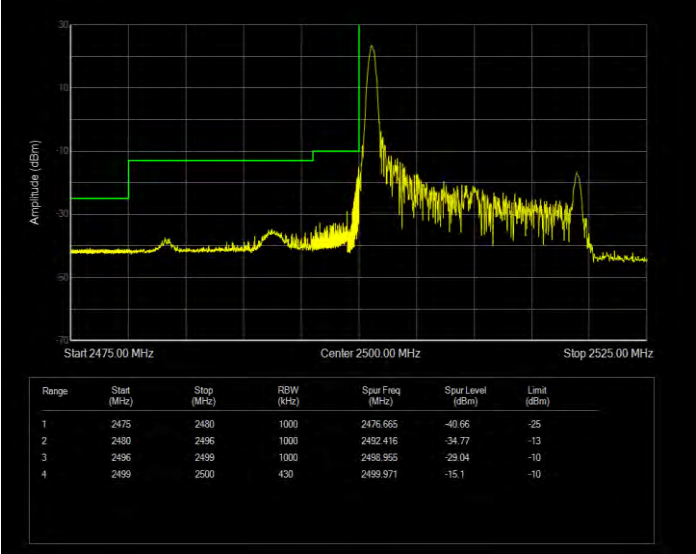
Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#Max Normal



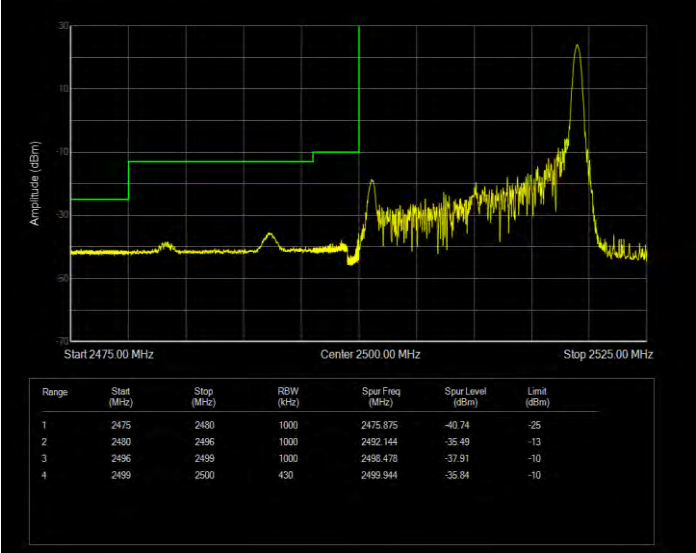
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0 Normal



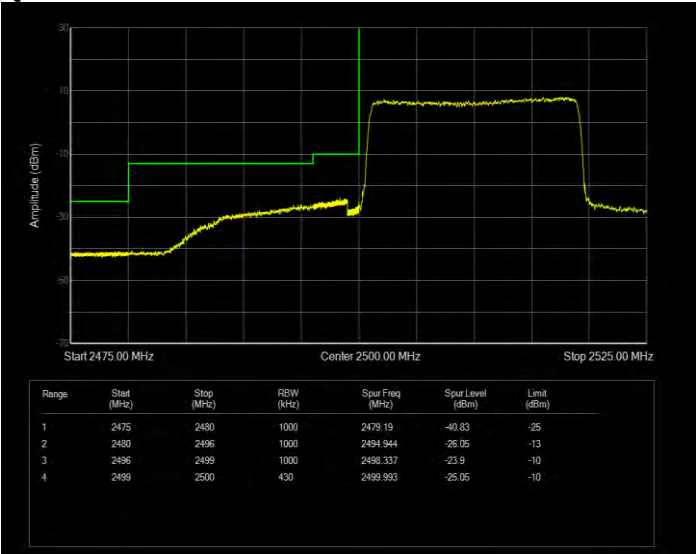
Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0 Normal



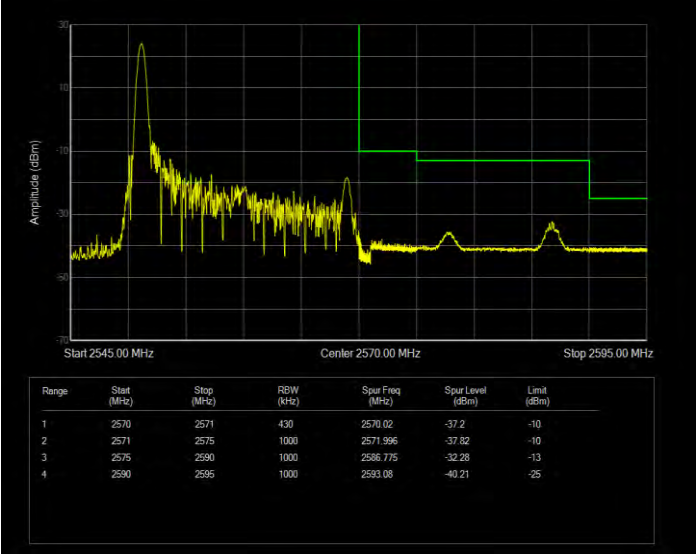
Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#Max Normal



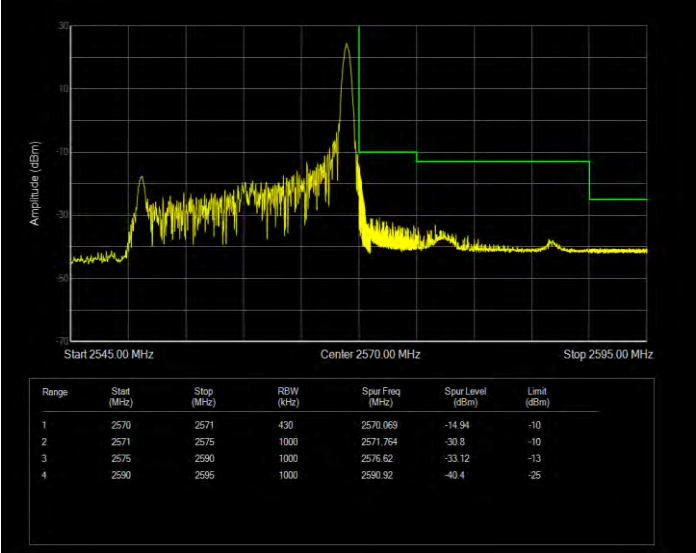
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0 Normal



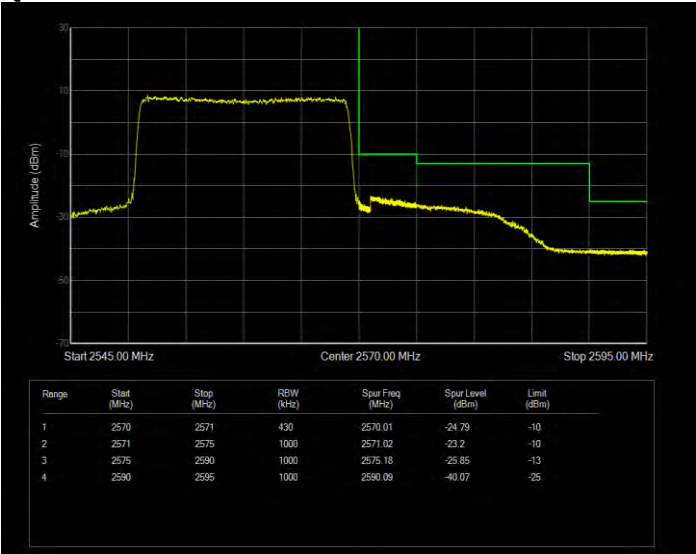
Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#0 Normal



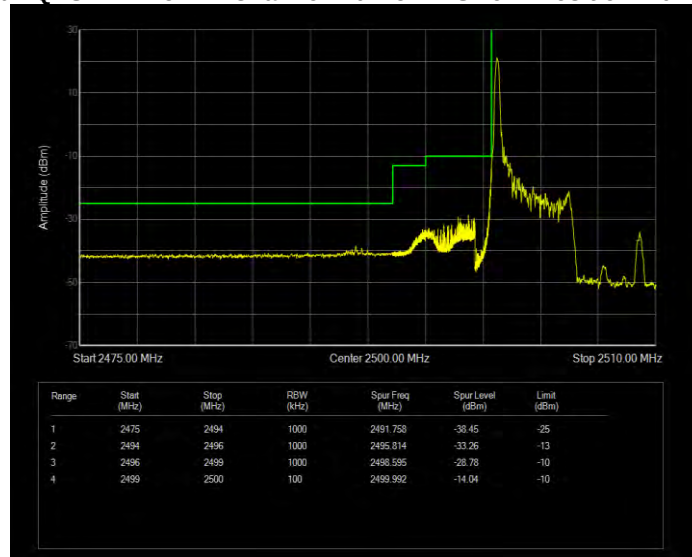
Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#Max Normal



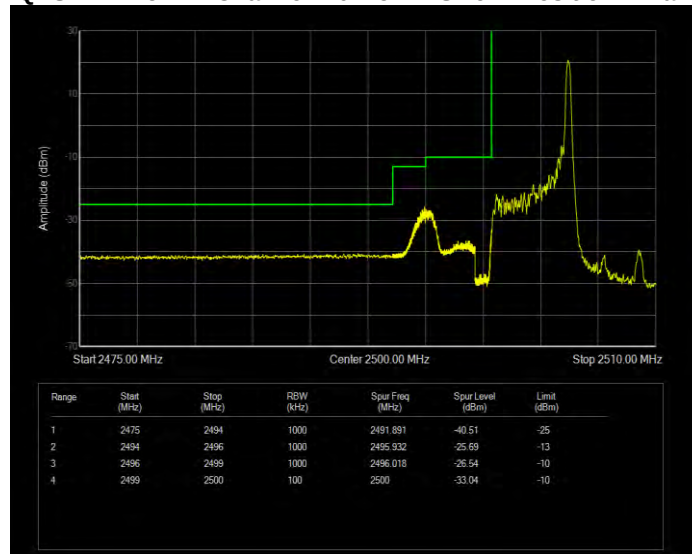
Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0 Normal



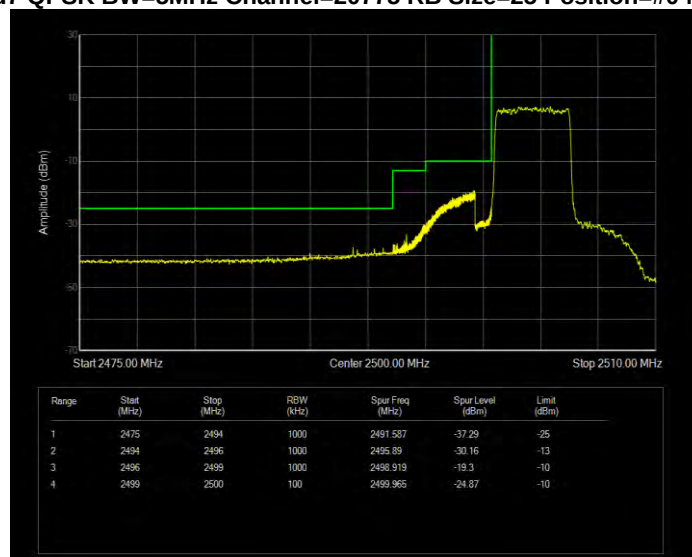
Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0 Normal



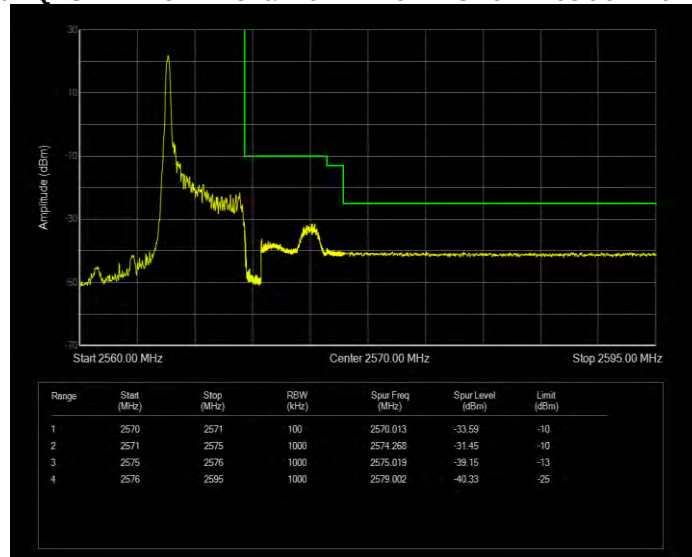
Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#Max Normal



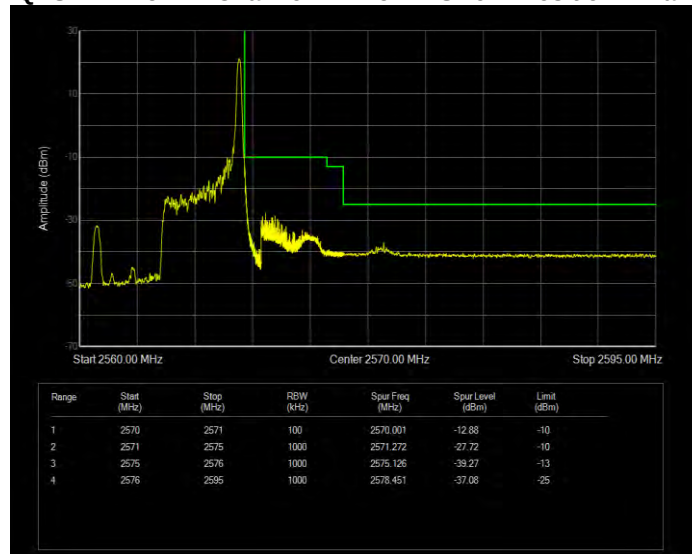
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0 Normal



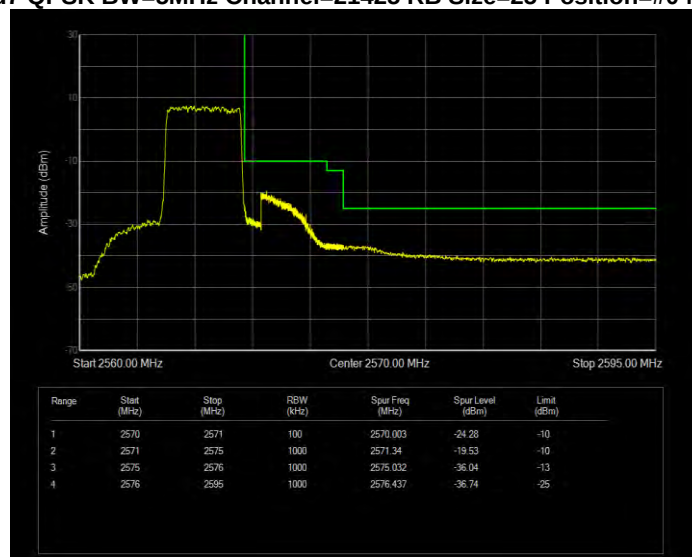
Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0 Normal



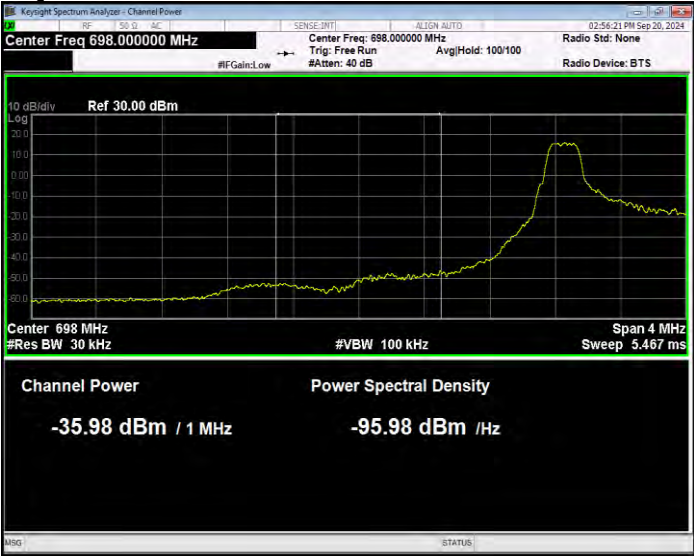
Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#Max Normal



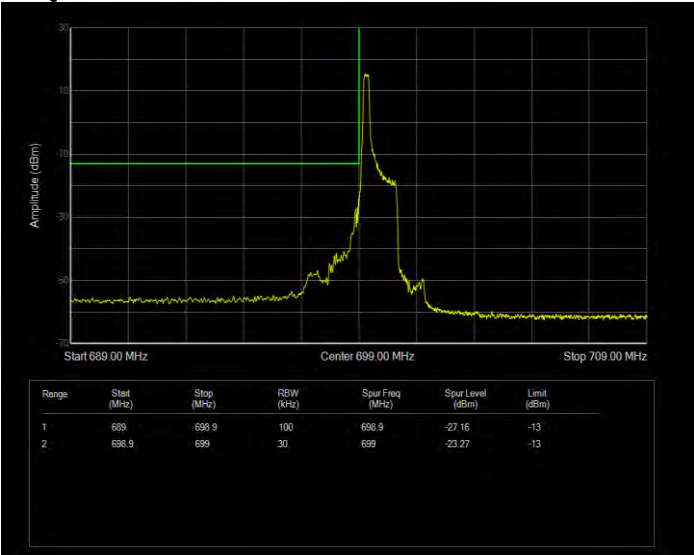
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0 Normal



Band12 16QAM BW=1.4MHz Channel=23017 RB Size=1 Position=#0 Extended



Band12 16QAM BW=1.4MHz Channel=23017 RB Size=1 Position=#0 Normal



Band12 16QAM BW=1.4MHz Channel=23017 RB Size=1 Position=#Max Extended

