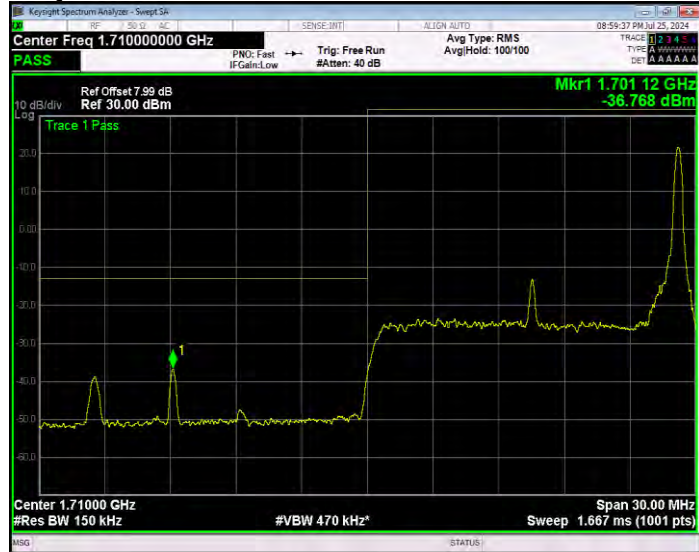
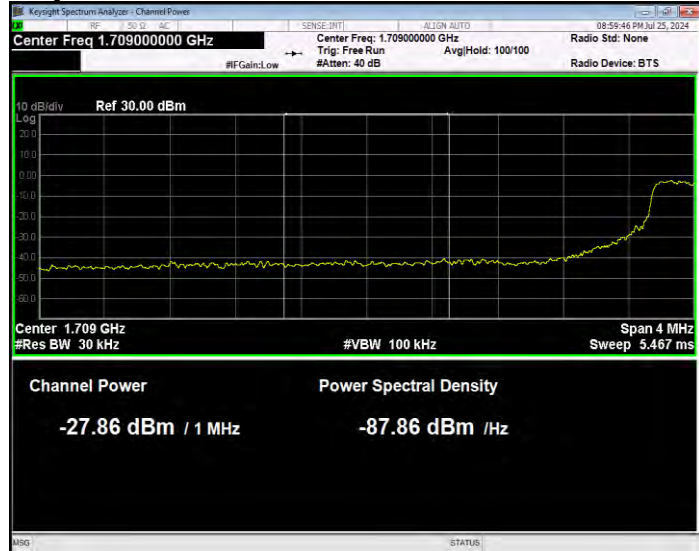


Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#Max Normal



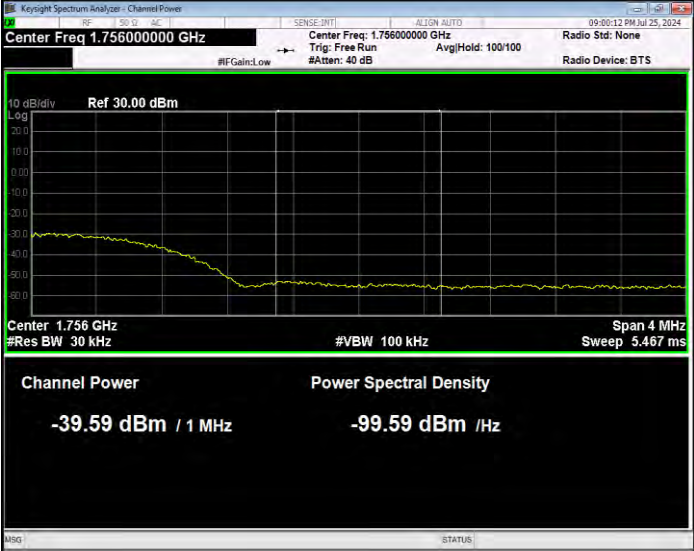
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0 Extended



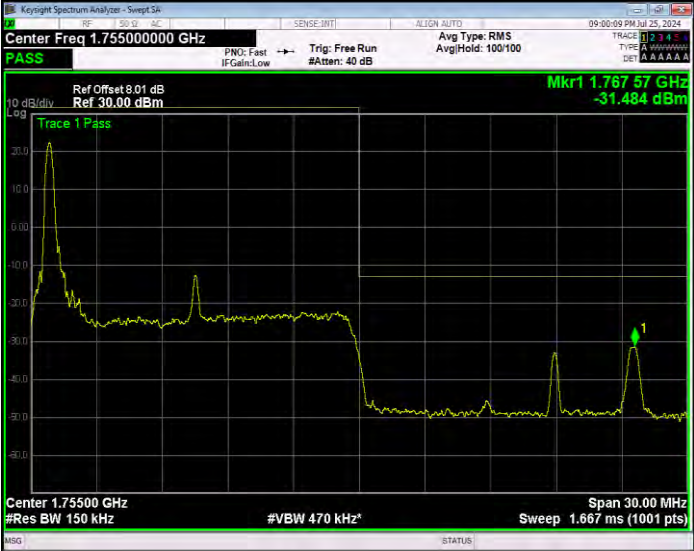
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0 Normal



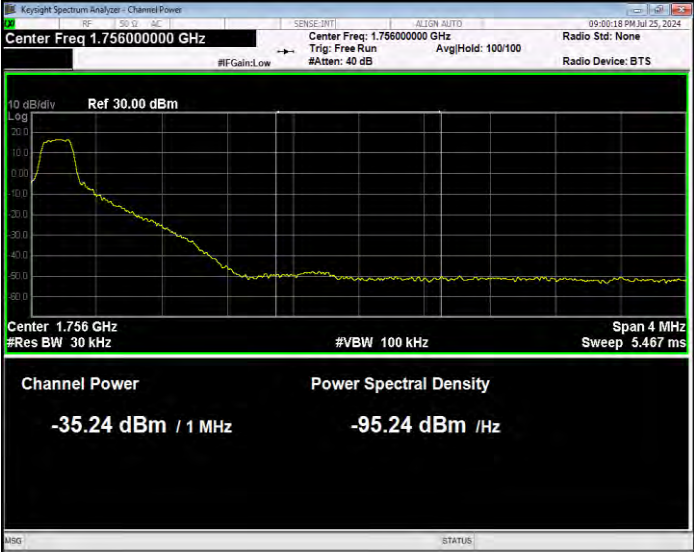
Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#0 Extended



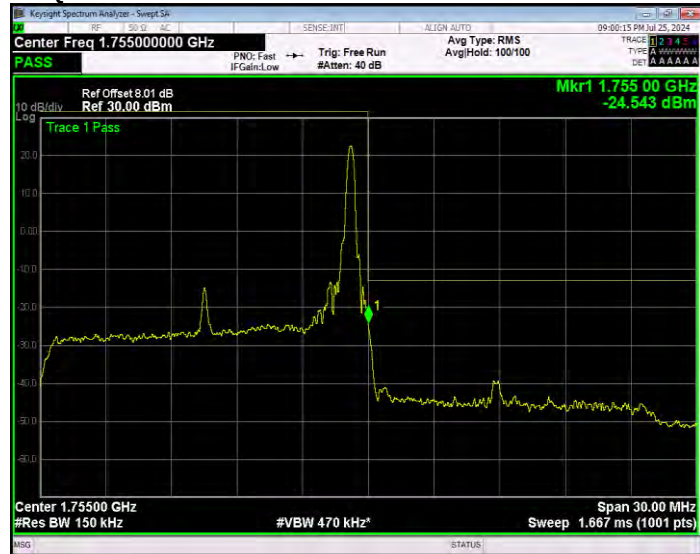
Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#0 Normal



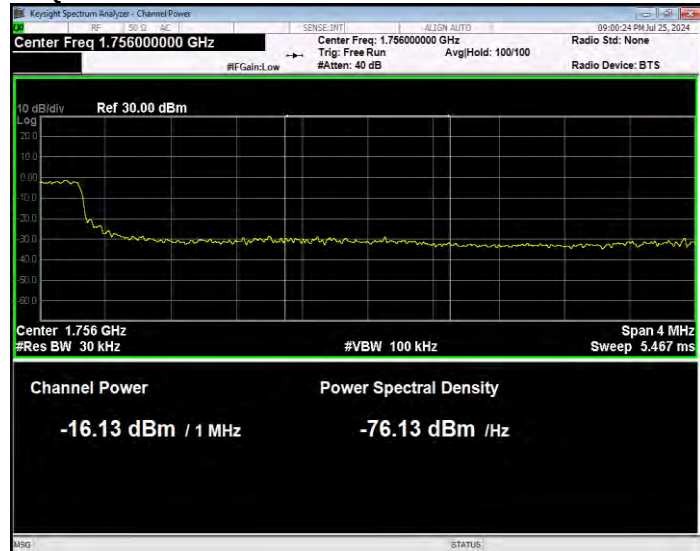
Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#Max Extended



Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#Max Normal



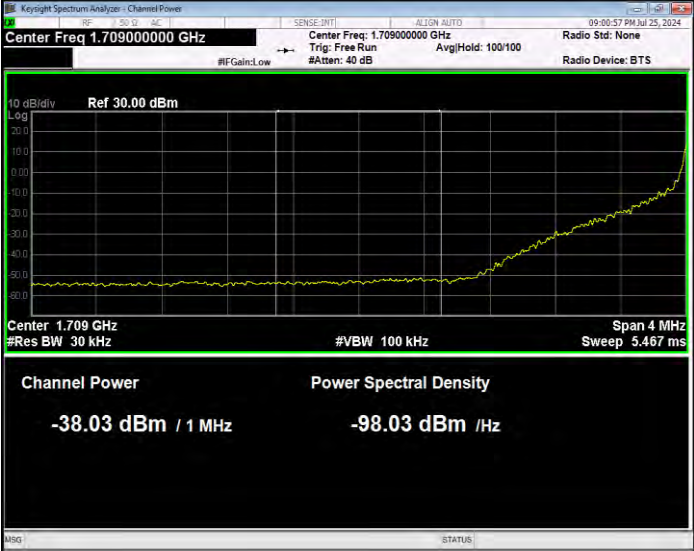
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0 Extended



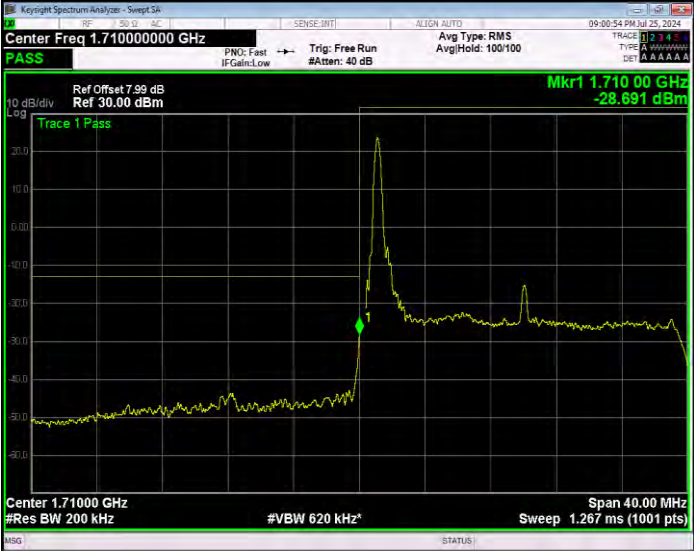
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0 Normal



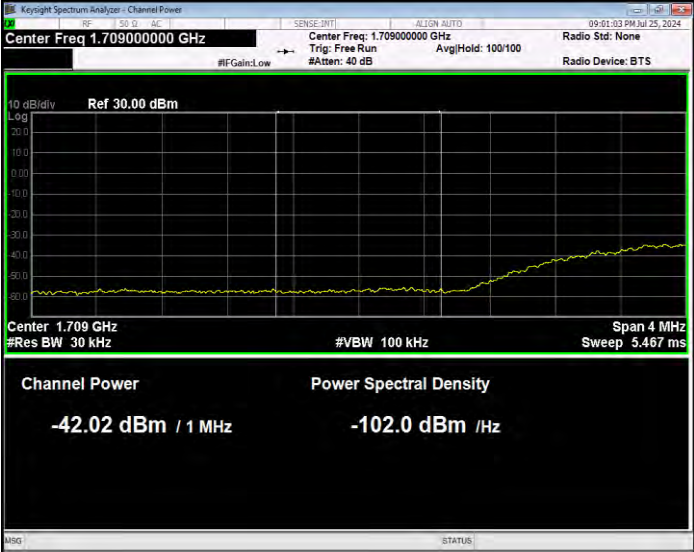
Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0 Extended



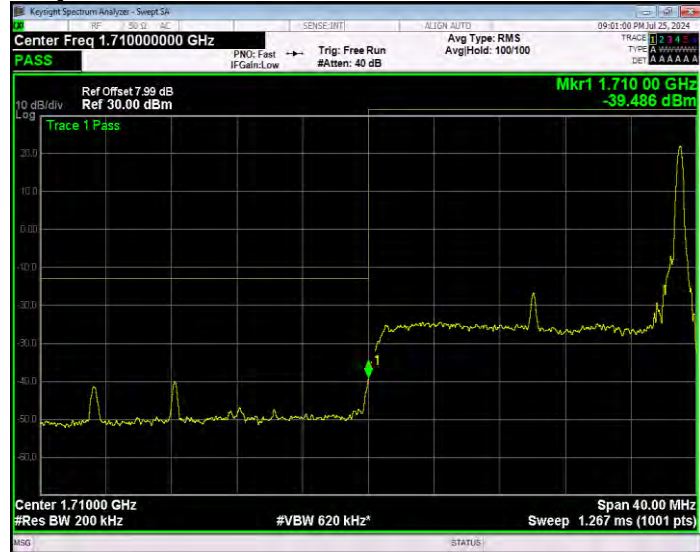
Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0 Normal



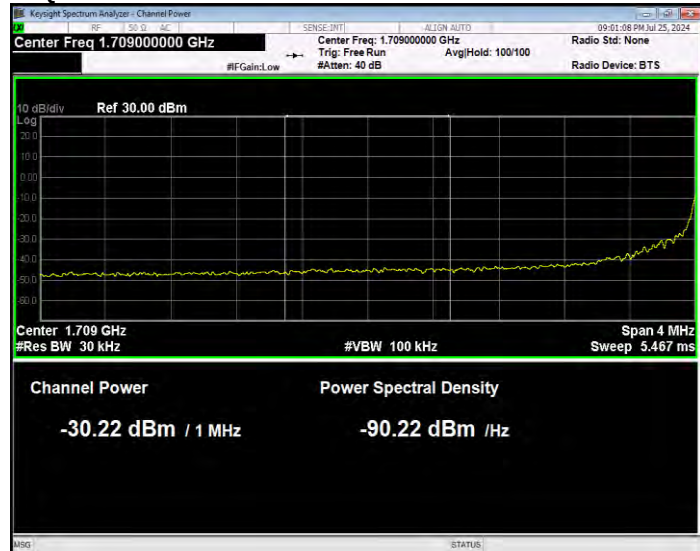
Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#Max Extended



Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#Max Normal



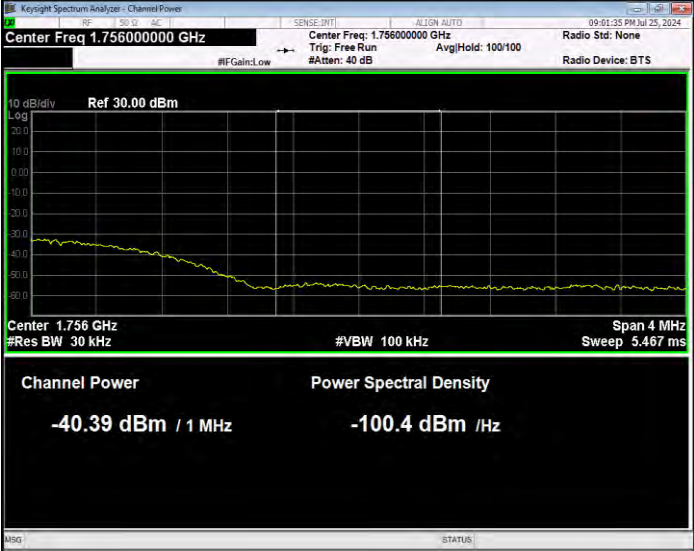
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0 Extended



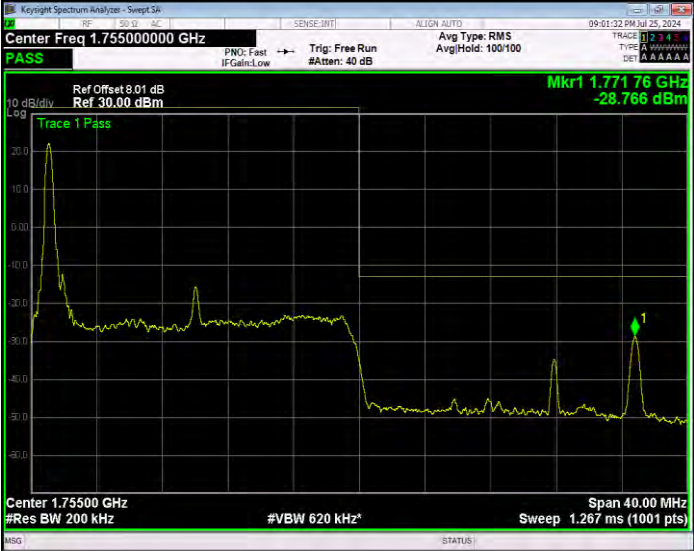
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0 Normal



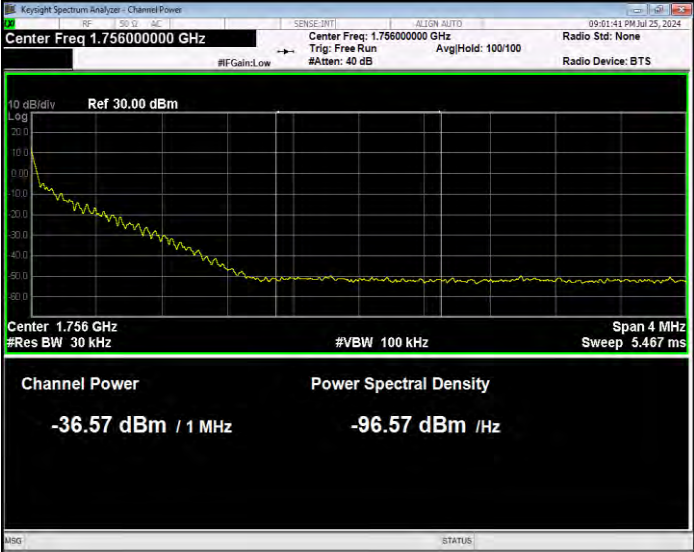
Band4 QPSK BW=20MHz Channel=20300 RB Size=1 Position=#0 Extended



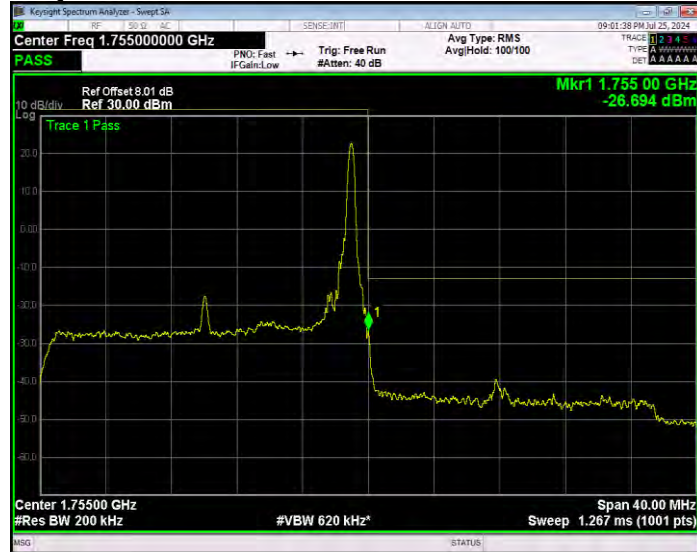
Band4 QPSK BW=20MHz Channel=20300 RB Size=1 Position=#0 Normal



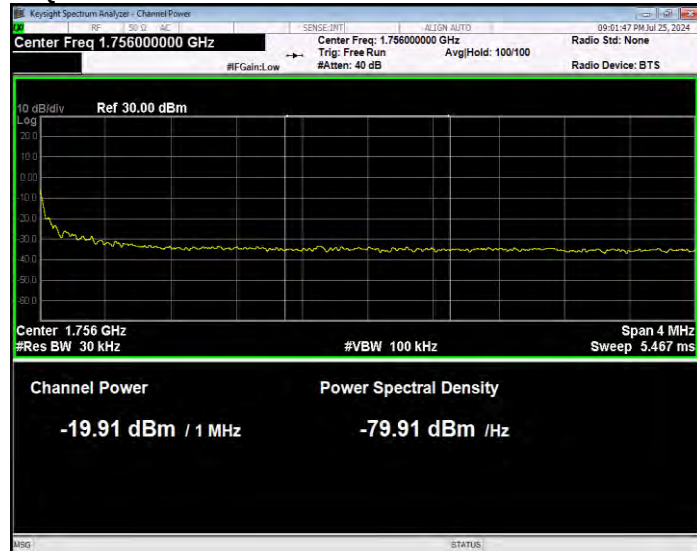
Band4 QPSK BW=20MHz Channel=20300 RB Size=1 Position=#Max Extended



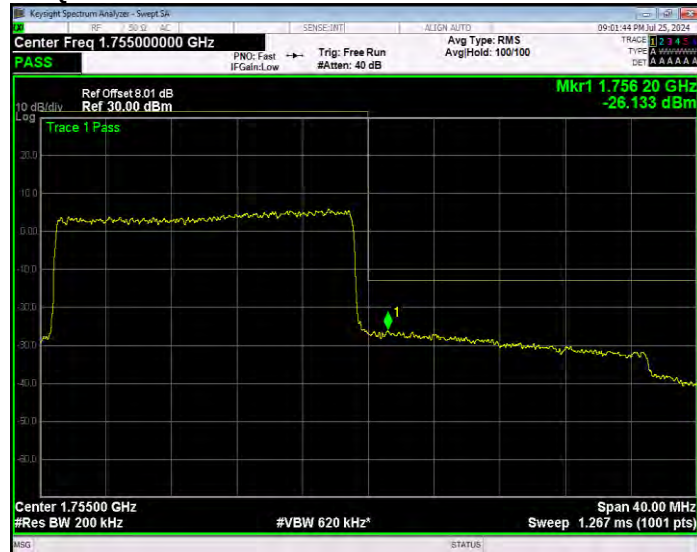
Band4 QPSK BW=20MHz Channel=20300 RB Size=1 Position=#Max Normal



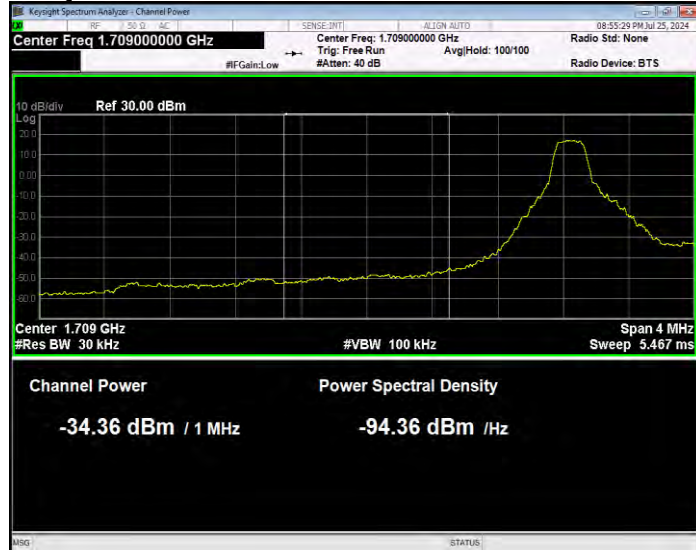
Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0 Extended



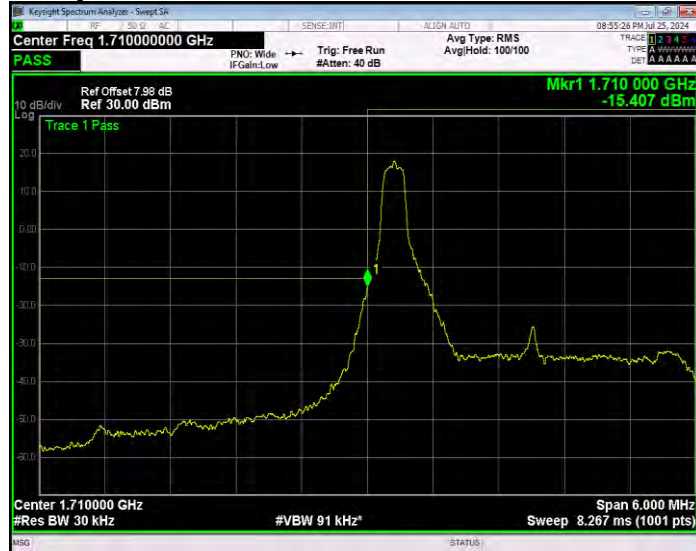
Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0 Normal



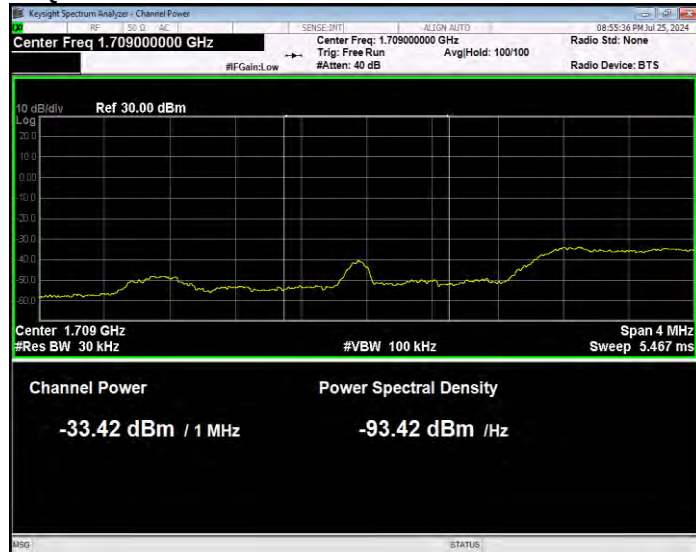
Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0 Extended



Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0 Normal



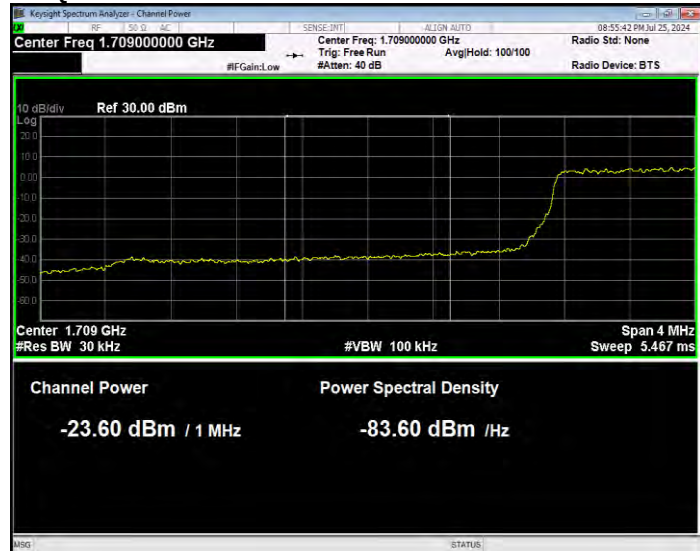
Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#Max Extended



Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#Max Normal



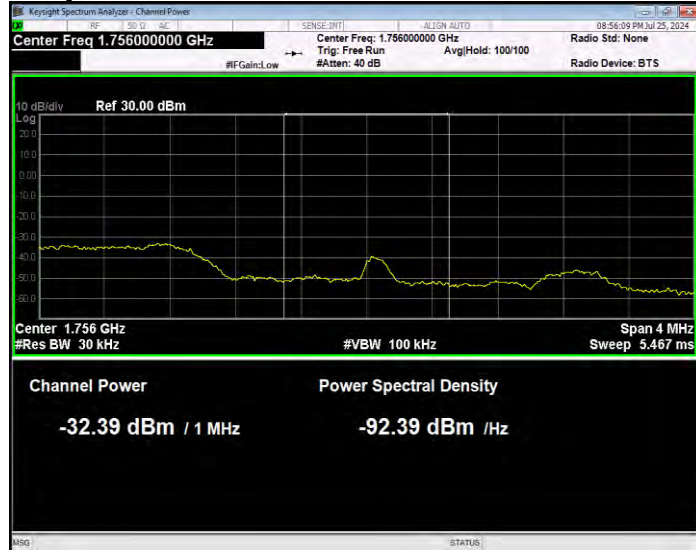
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0 Extended



Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0 Normal



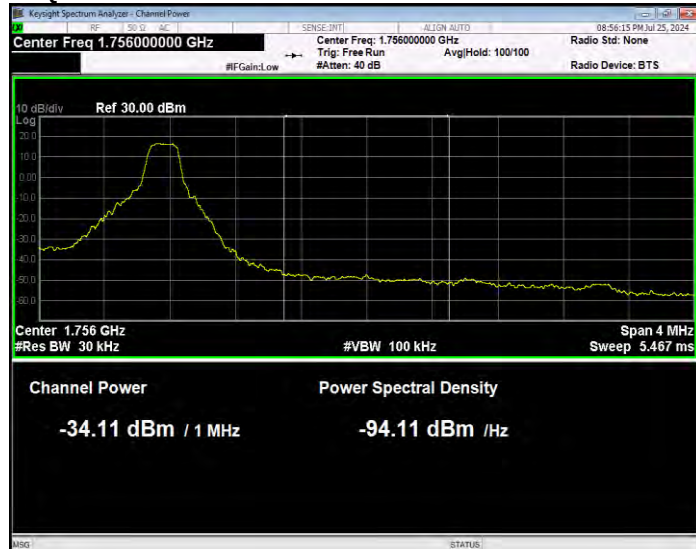
Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#0 Extended



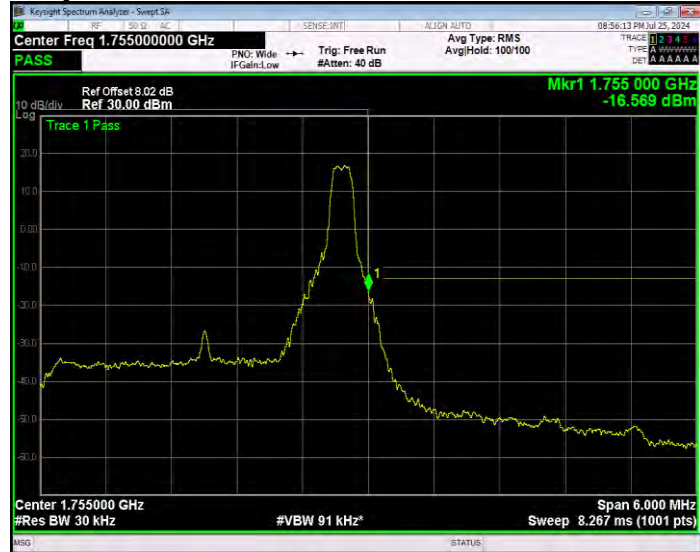
Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#0 Normal



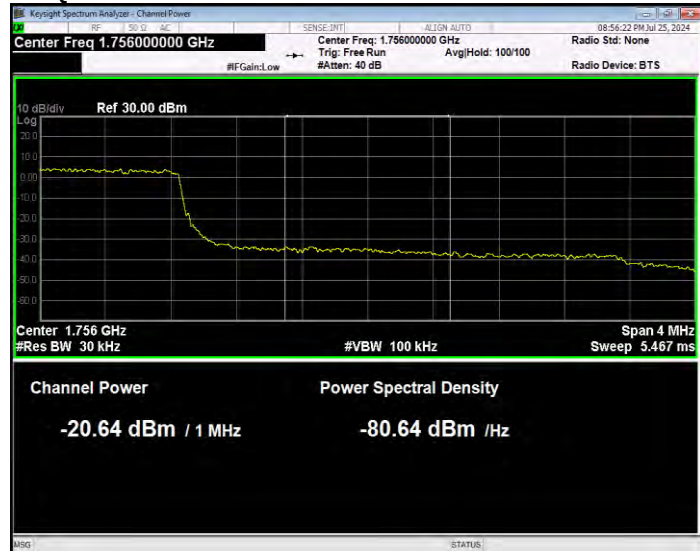
Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#Max Extended



Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#Max Normal



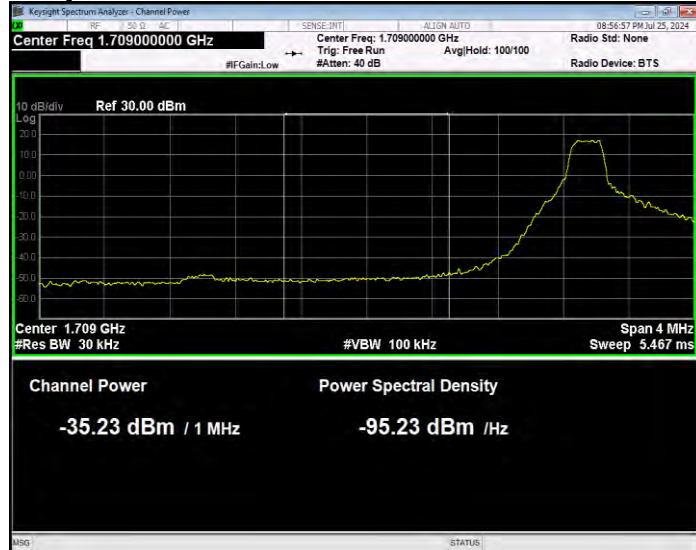
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0 Extended



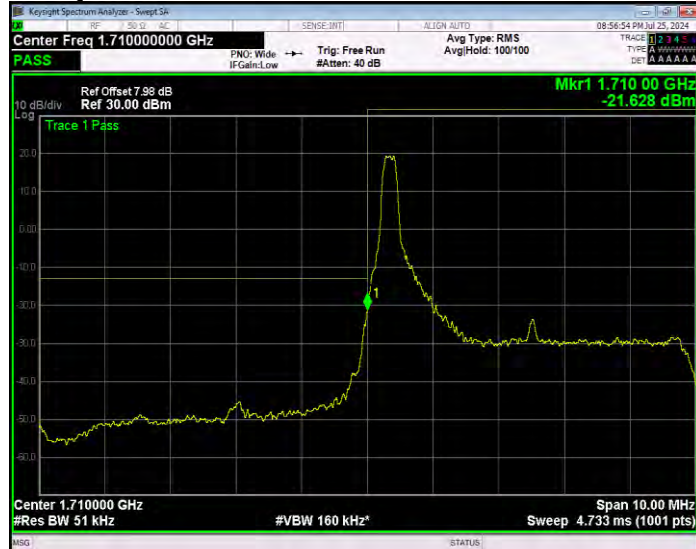
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0 Normal



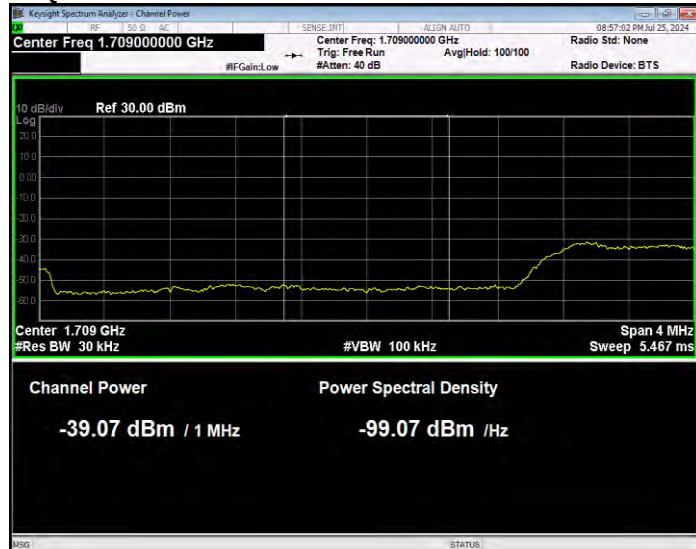
Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0 Extended



Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0 Normal



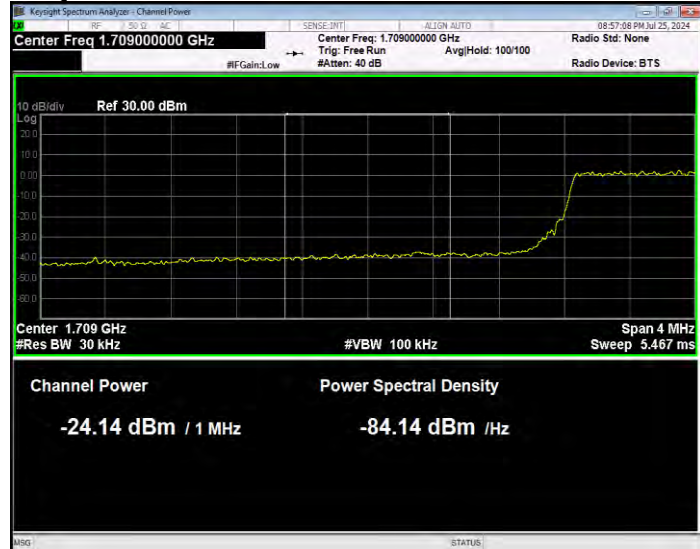
Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#Max Extended



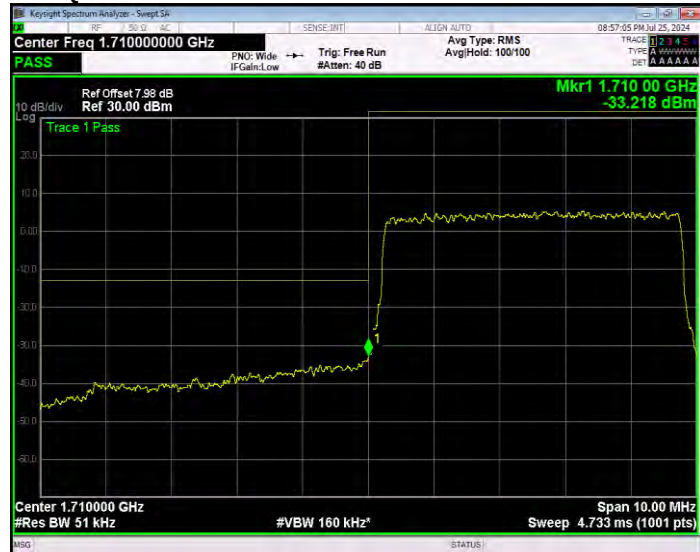
Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#Max Normal



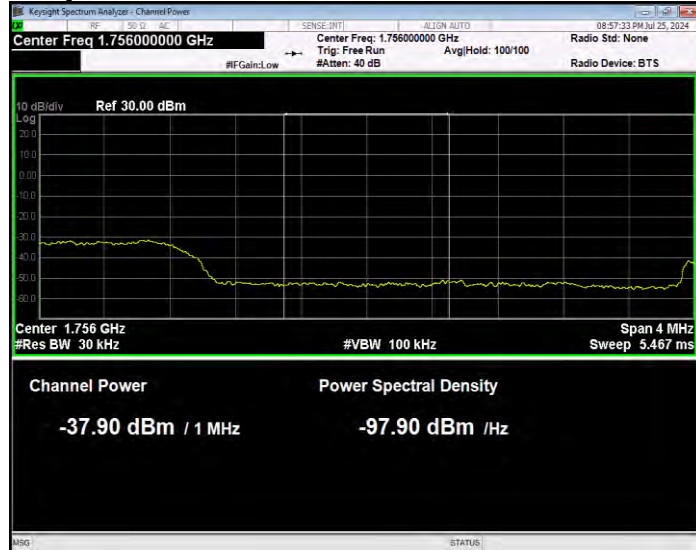
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0 Extended



Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0 Normal



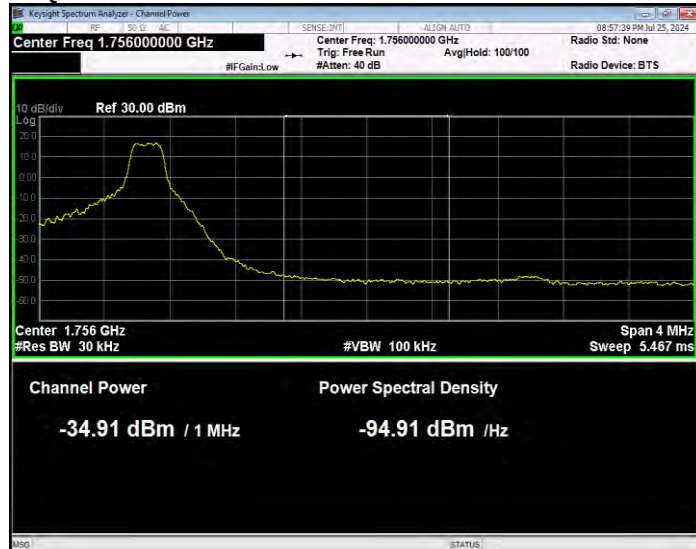
Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0 Extended



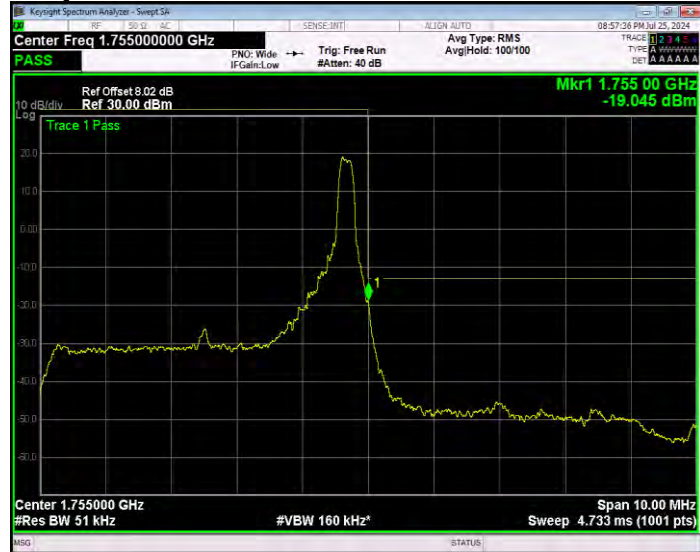
Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0 Normal



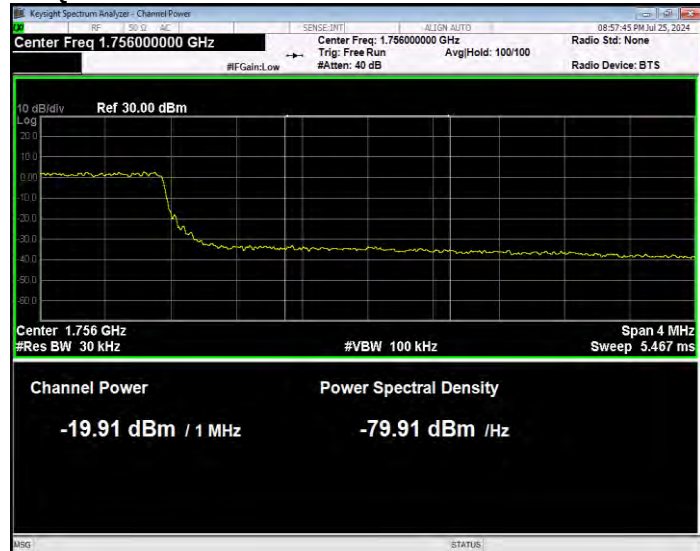
Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#Max Extended



Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#Max Normal



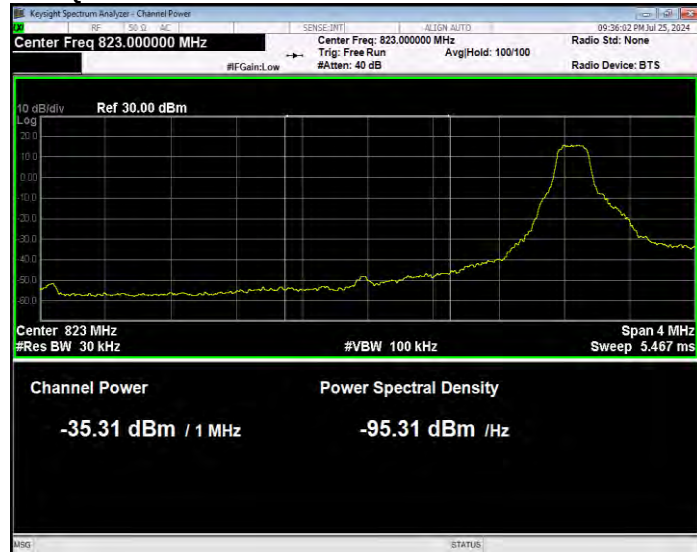
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0 Extended



Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0 Normal



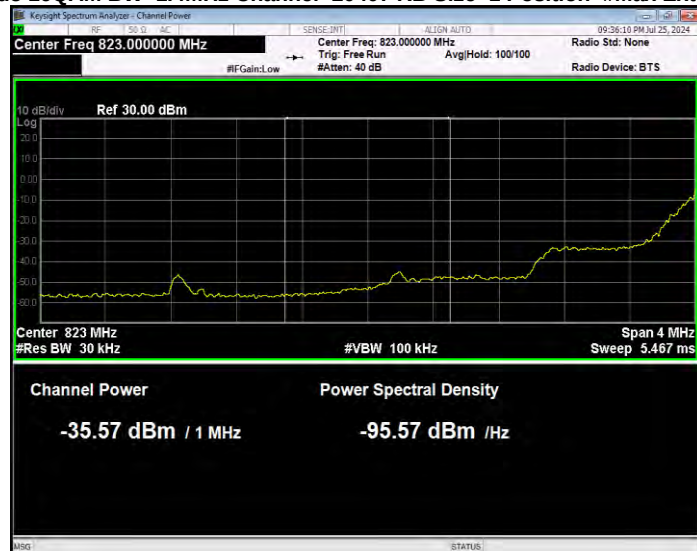
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0 Extended



Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0 Normal



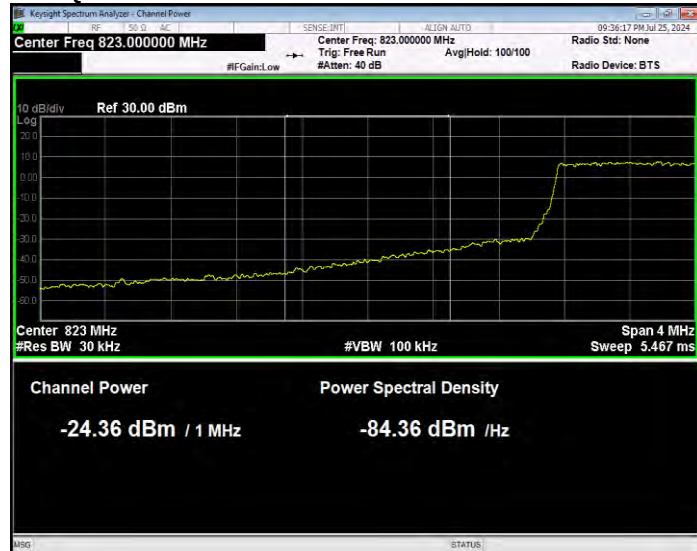
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#Max Extended



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



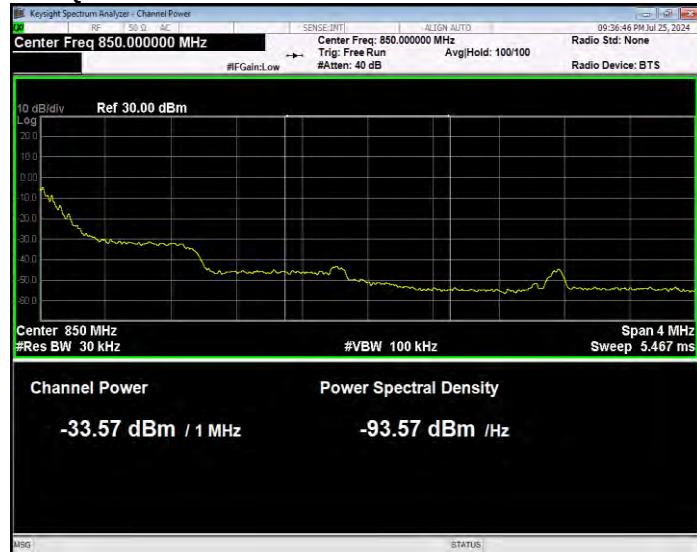
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0 Extended



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



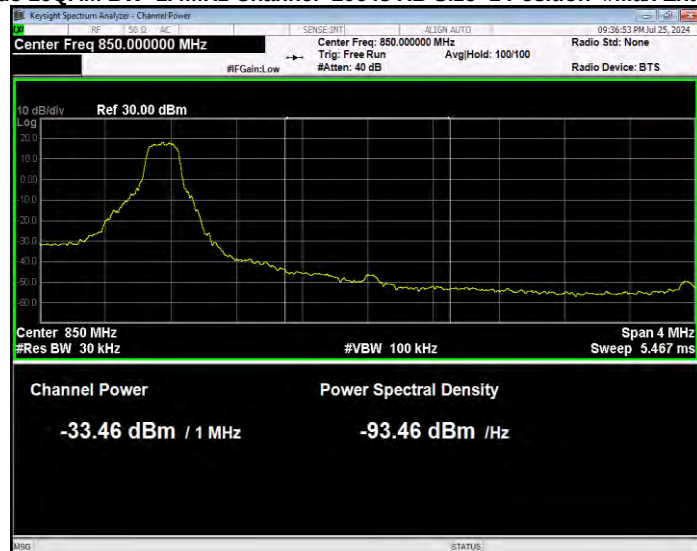
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#0 Extended



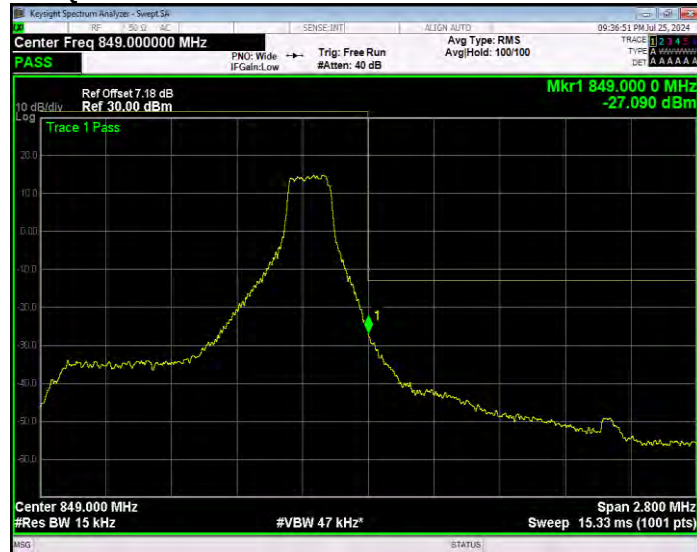
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#0 Normal



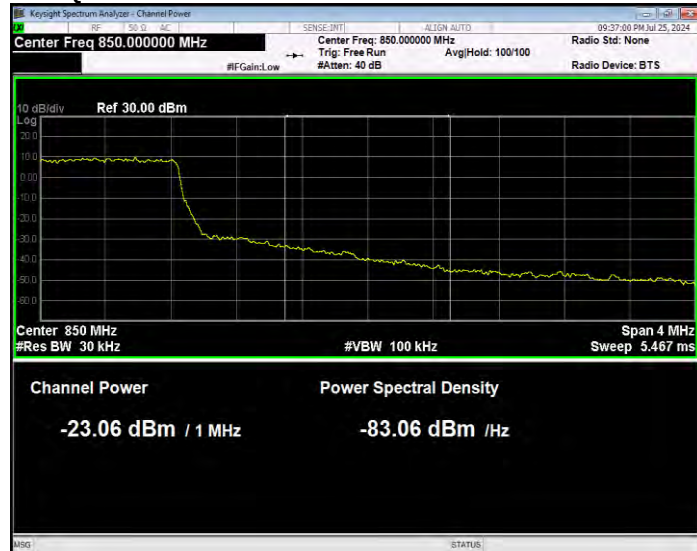
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#Max Extended



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



Keysight Spectrum Analyzer - Channel Freq

Center Freq 823.000000 MHz

Trig: Free Run

Avg/Hold: 100/100

Radio Std: None

Radio Device: BTS

Ref 30.00 dBm

Center 823 MHz

Span 4 MHz

Res BW 30 kHz

#VBW 100 kHz

Sweep 5.467 ms

Channel Power

Power Spectral Density

-38.52 dBm / 1 MHz

-98.52 dBm /Hz

[illegible]

Keysight Spectrum Analyzer - Channel Freq

Center Freq 823.000000 MHz

Trig: Free Run

Avg/Hold: 100/100

Radio Std: None

Radio Device: BTS

10 dB/div

Ref 30.00 dBm

Log

Center 823 MHz

Res BW 30 kHz

Span 4 MHz

Sweep 5.467 ms

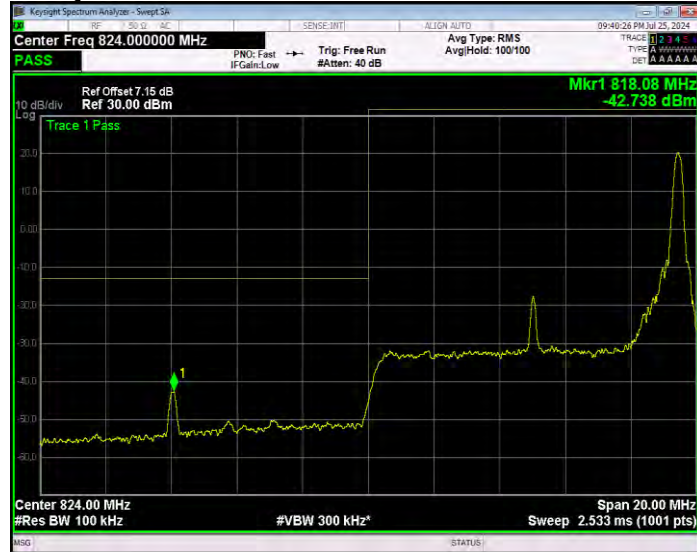
Channel Power

Power Spectral Density

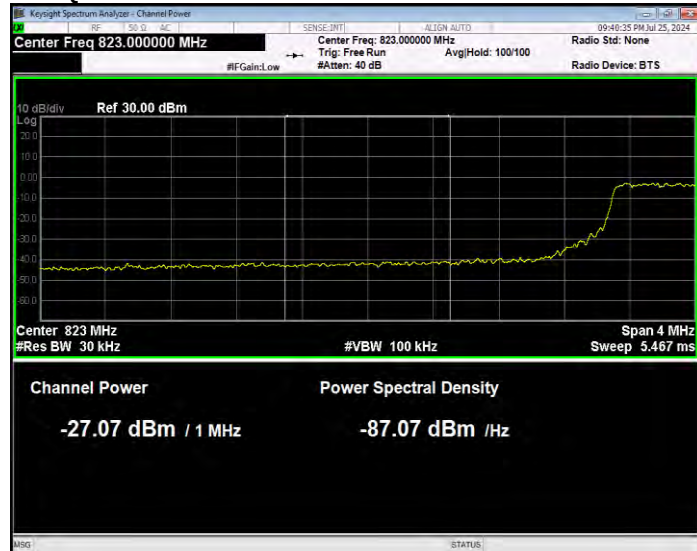
-41.85 dBm / 1 MHz

-101.8 dBm /Hz

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



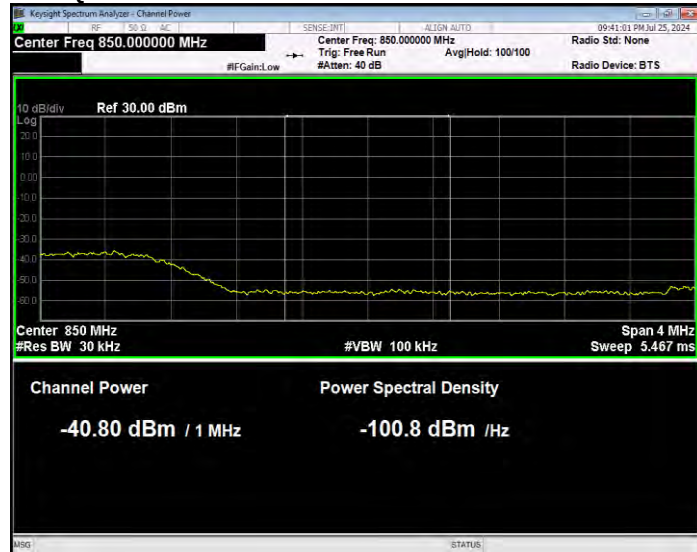
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0 Extended



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



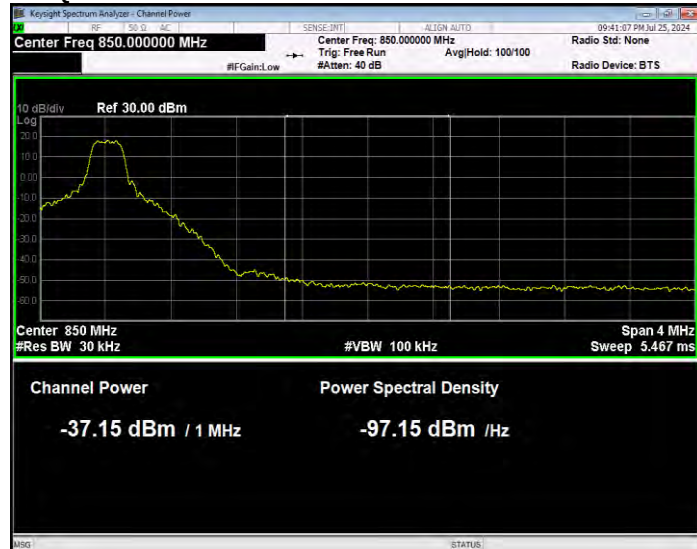
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0 Extended



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



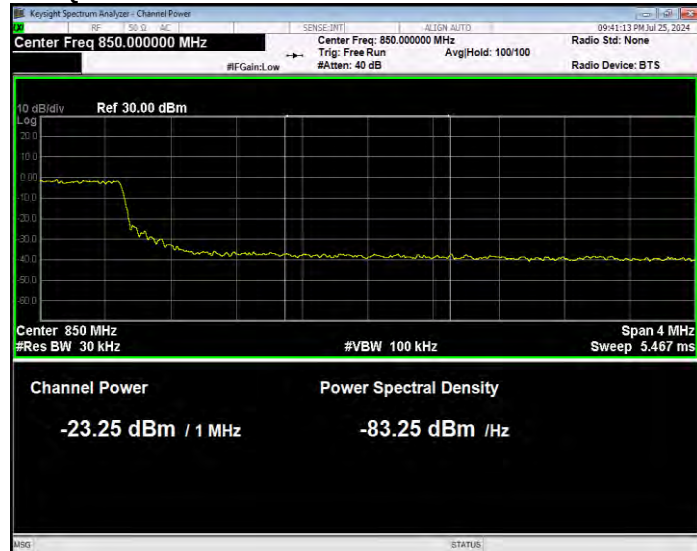
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#Max Extended



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



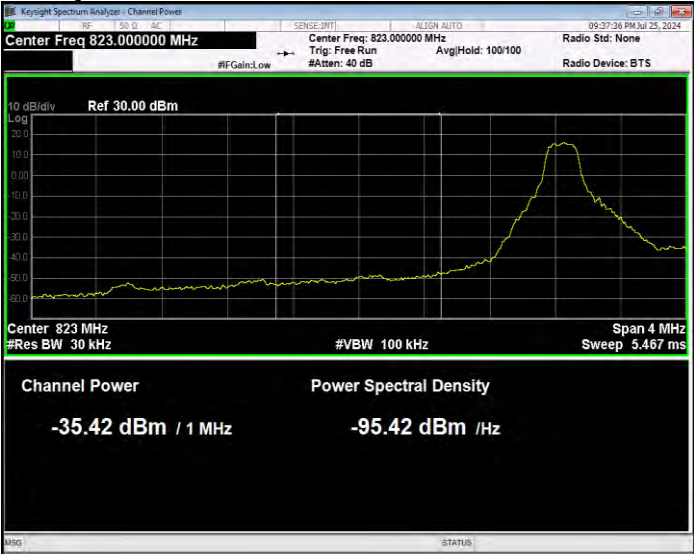
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0 Extended



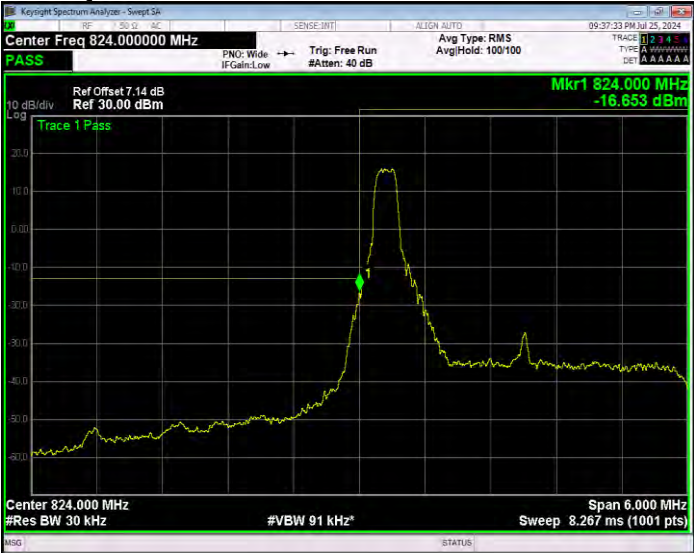
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0 Normal



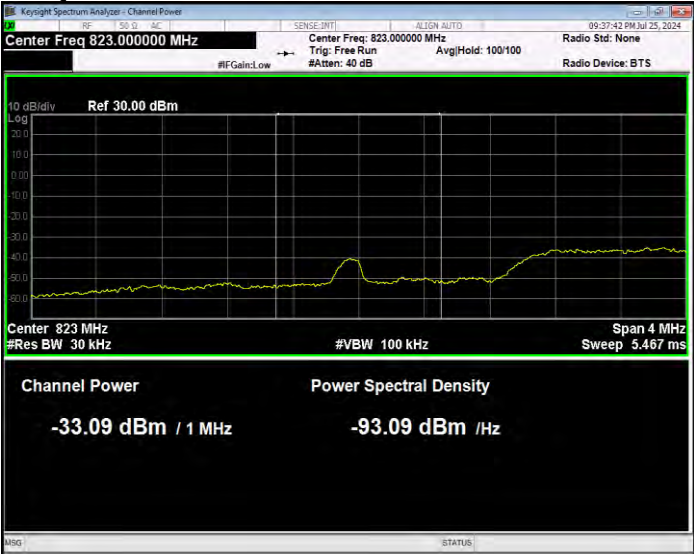
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#0 Extended



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



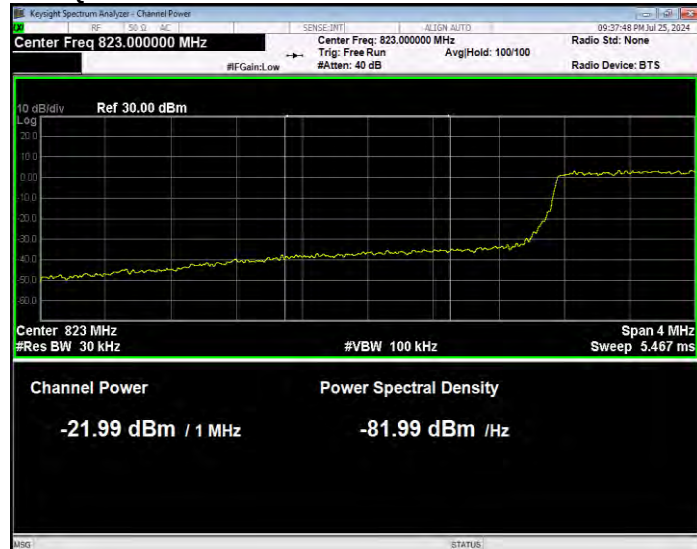
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#Max Extended



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



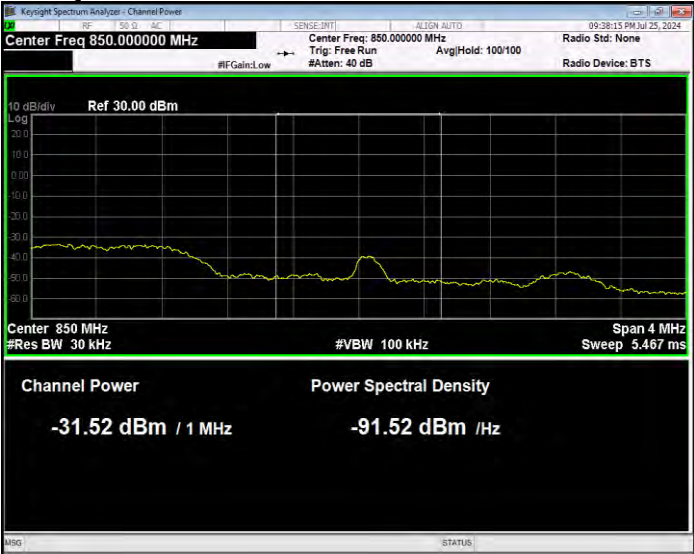
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0 Extended



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



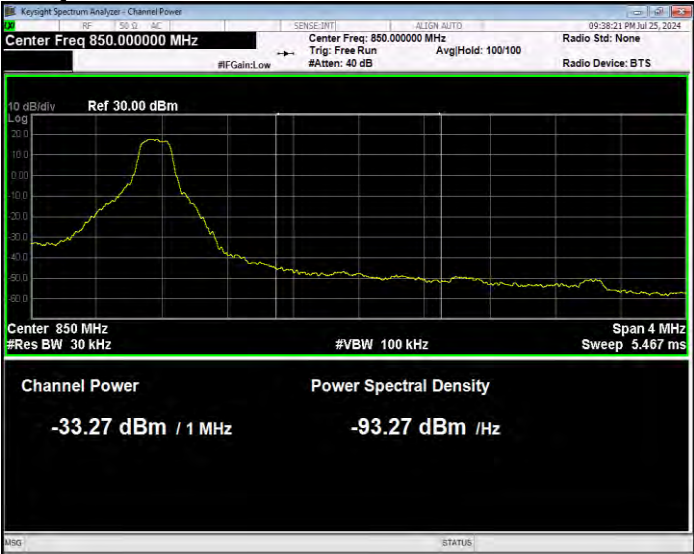
Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#0 Extended



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



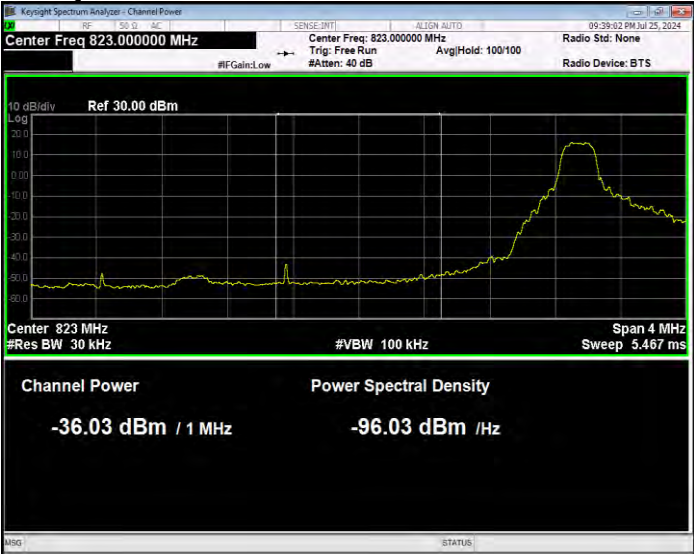
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0 Extended



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



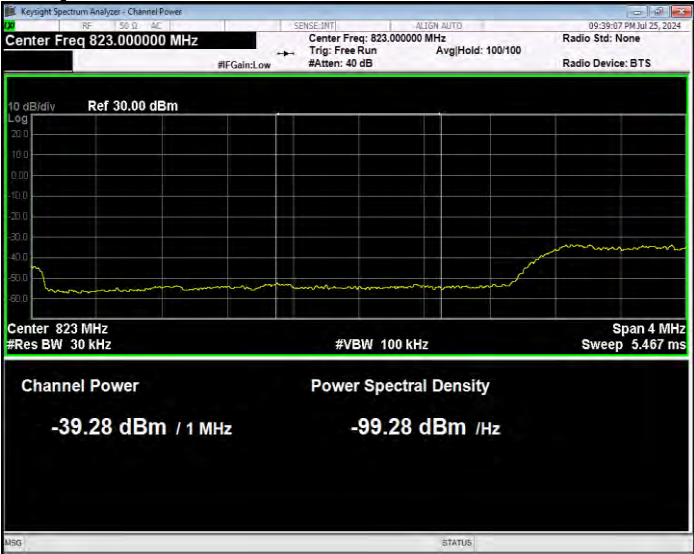
Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#0 Extended



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



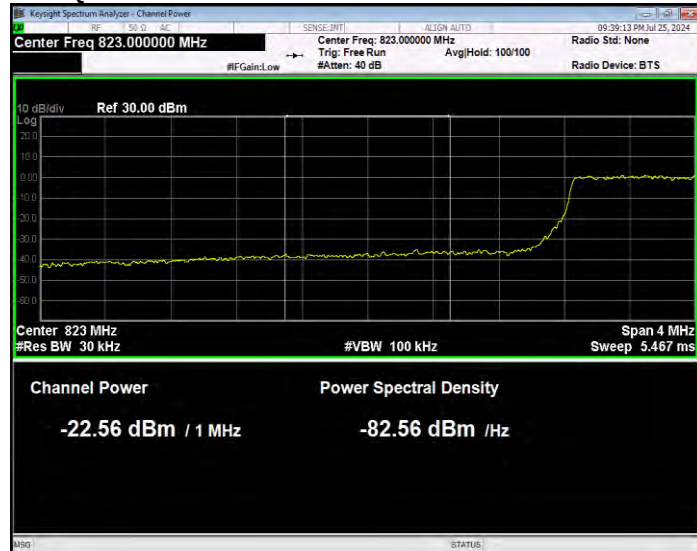
Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#Max Extended



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



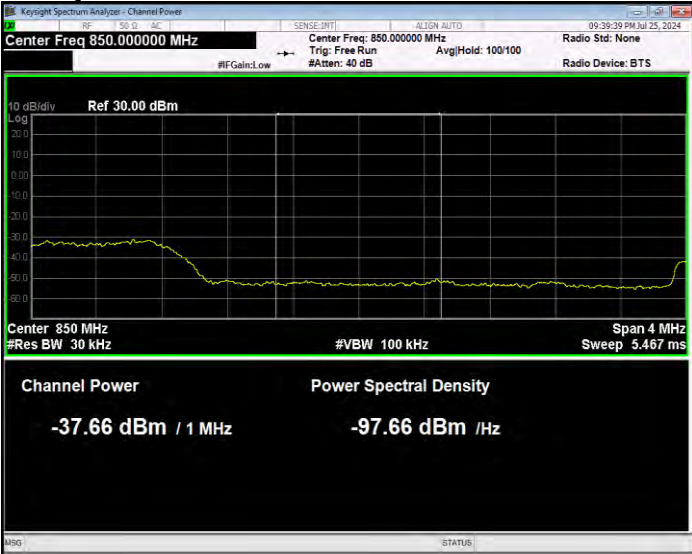
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0 Extended



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



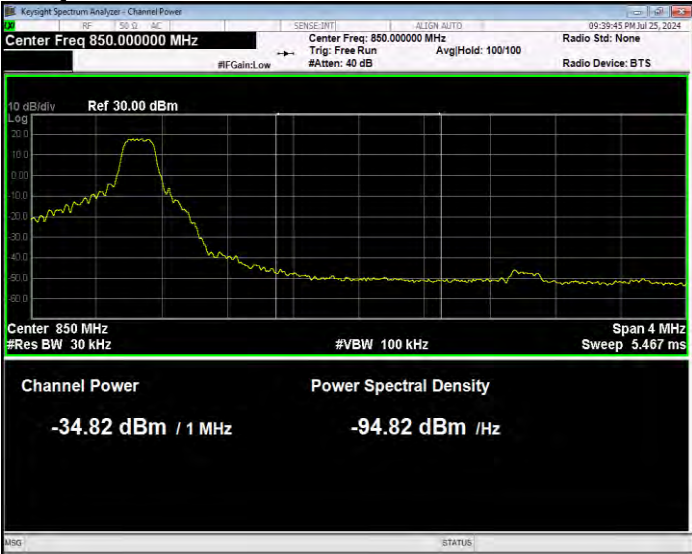
Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#0 Extended



Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#0 Normal



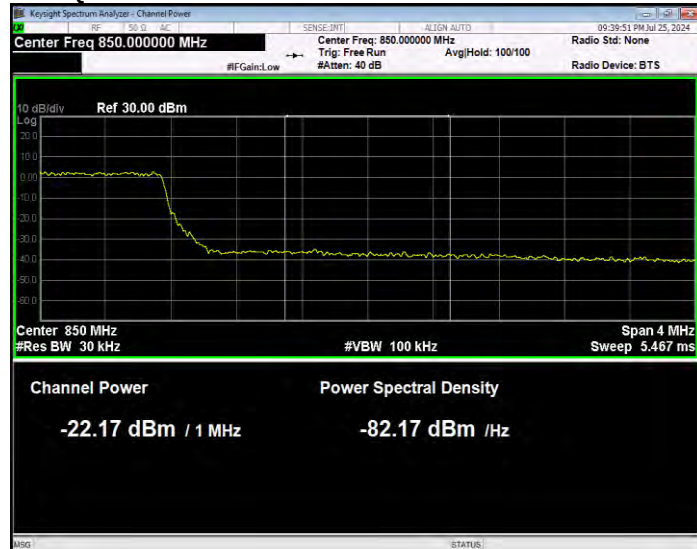
Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#Max Extended



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



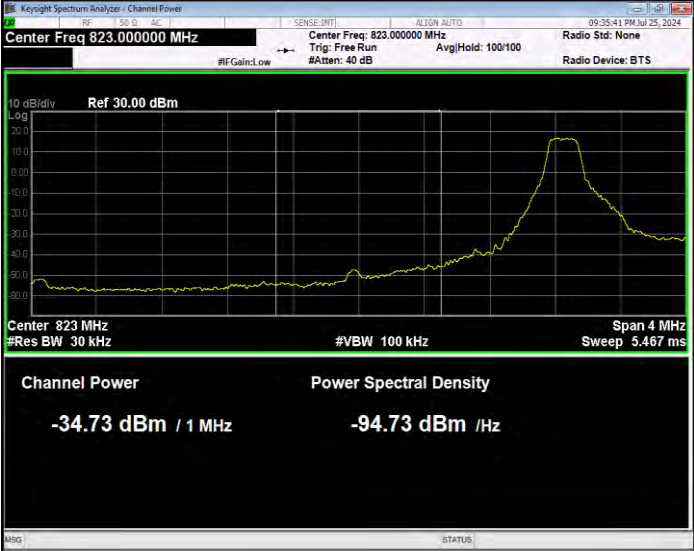
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0 Extended



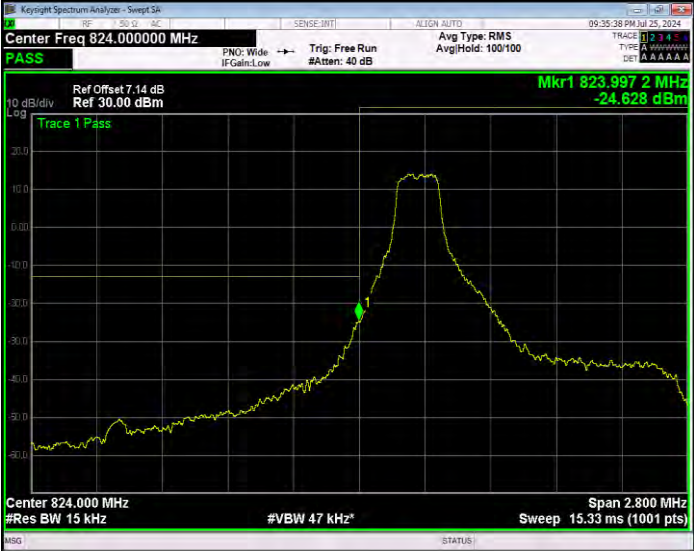
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0 Normal



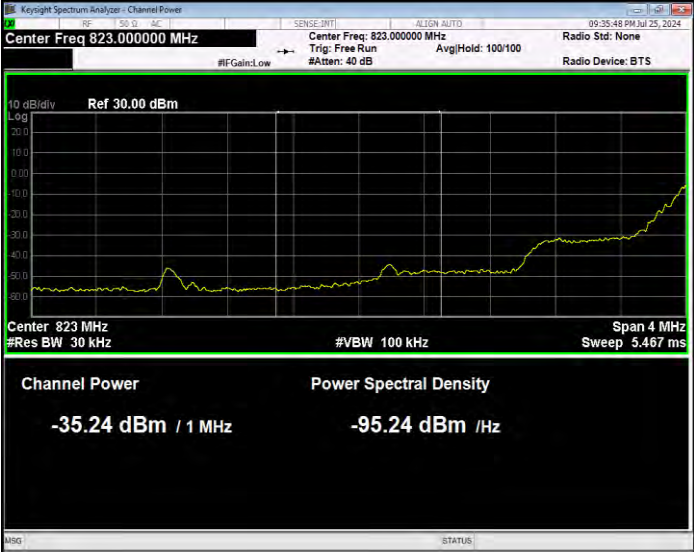
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0 Extended



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



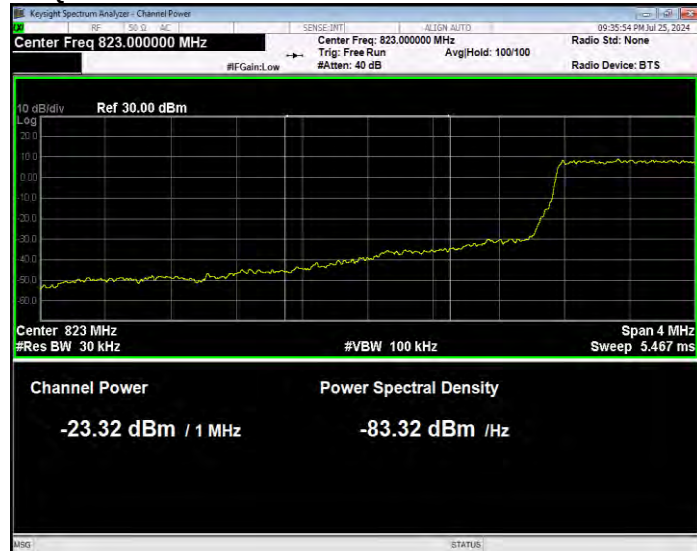
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#Max Extended



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



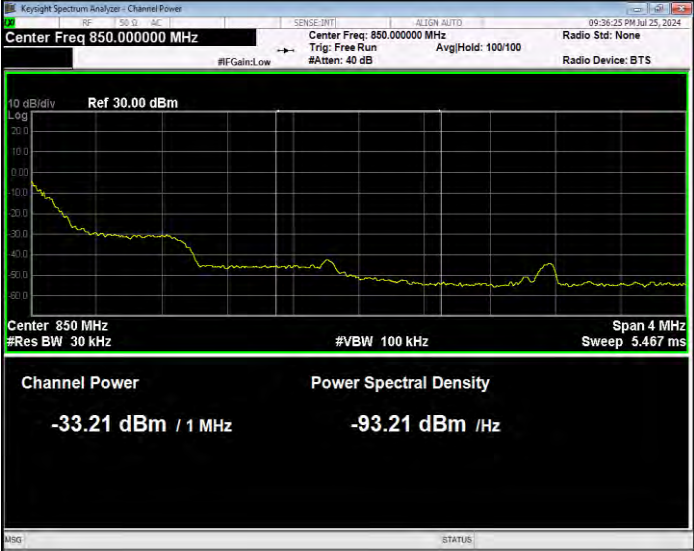
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0 Extended



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



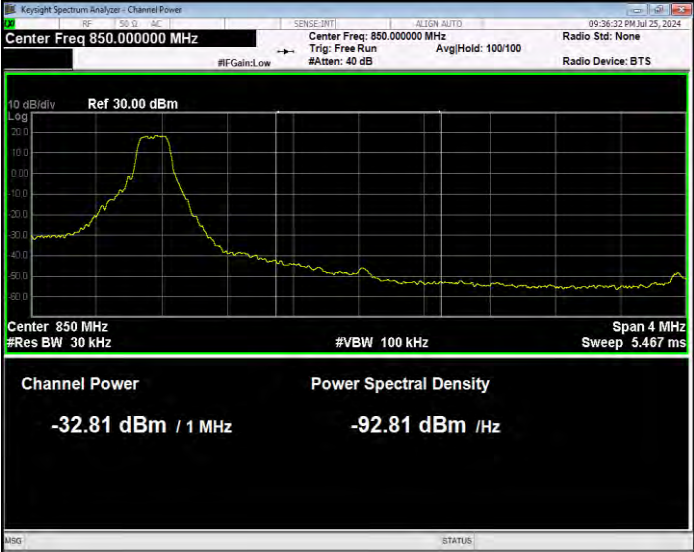
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0 Extended



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



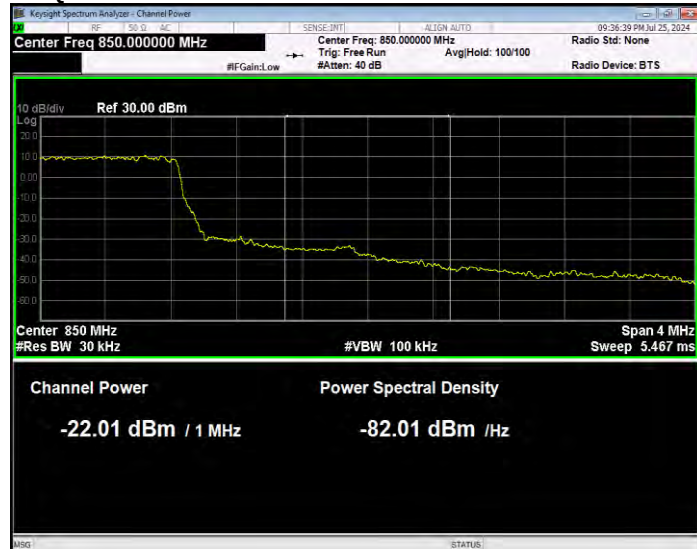
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#Max Extended



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



Keysight Spectrum Analyzer - Channel Power

Center Freq: 823.000000 MHz
Trig: Free Run
#Atten: 40 dB
#IFGain: Low

Radio Std: None
Radio Device: BTS

10 dB/div
Ref 30.00 dBm

Center 823 MHz
#Res BW 30 kHz

Span 4 MHz
Sweep 5.467 ms

Channel Power
-38.10 dBm / 1 MHz

Power Spectral Density
-98.10 dBm / Hz

Keyight Spectrum Analyzer - Sweet Spot

RF: 50.0 AC SENSE: INT ALIGN: AUTO 09:40:03 PM Jul 25, 2024

Center Freq 824.000000 MHz Avg Type: RMS
 #Att: 40 dB Avg/Hold: 100/100

PW: Fast Trig: Free Run
 IF Gain: Low #Atten: 40 dB

TRACE 1 2.34...
 TYPE A: wwwwww
 DET: AAAAAA

PASS

Ref Offset 7.15 dB
 Ref 30.00 dBm

Mkr1 824.00 MHz
 -28.649 dBm

Trace 1 Pass

Center 824.00 MHz
 #Res BW 100 kHz

Span 20.00 MHz
 Sweep 2.533 ms (1001 pts)

#VBW 300 kHz

STATUS

Keysight Spectrum Analyzer - Channel Power

Center Freq 823.000000 MHz

Center Freq: 823.000000 MHz
 Trig: Free Run
 #Atten: 40 dB

Radio Std: None
 Radio Device: BTS

Ref 30.00 dBm

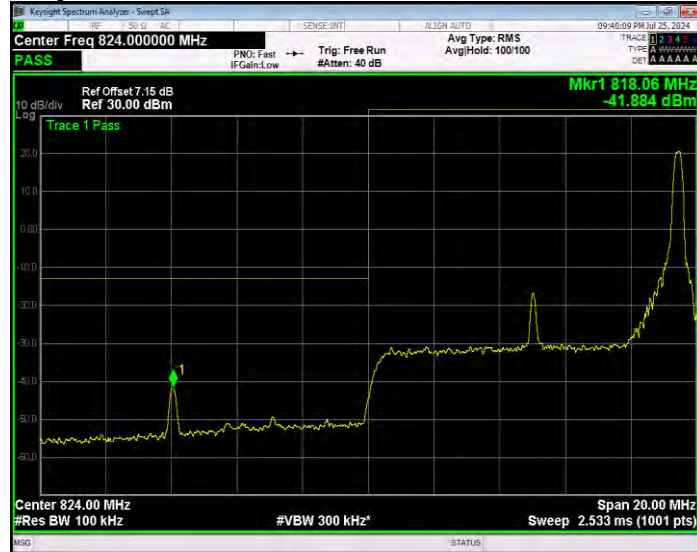
Center 823 MHz
 #Res BW 30 kHz

Span 4 MHz
 Sweep 5.467 ms

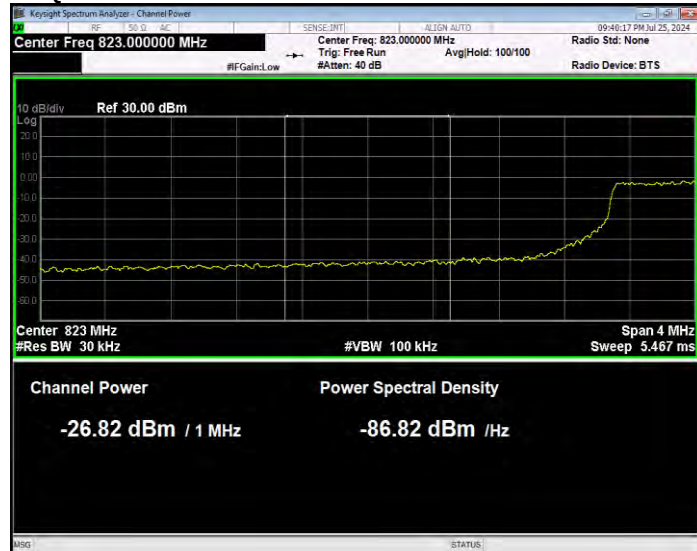
Channel Power: -41.81 dBm / 1 MHz

Power Spectral Density: -101.8 dBm / Hz

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



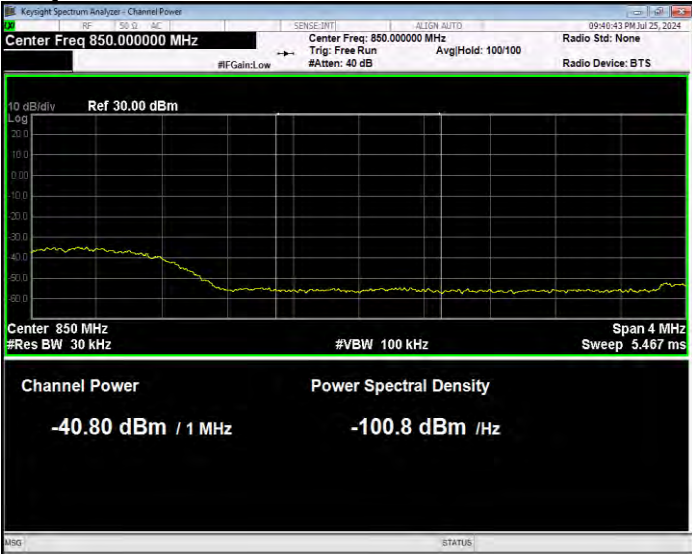
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0 Extended



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



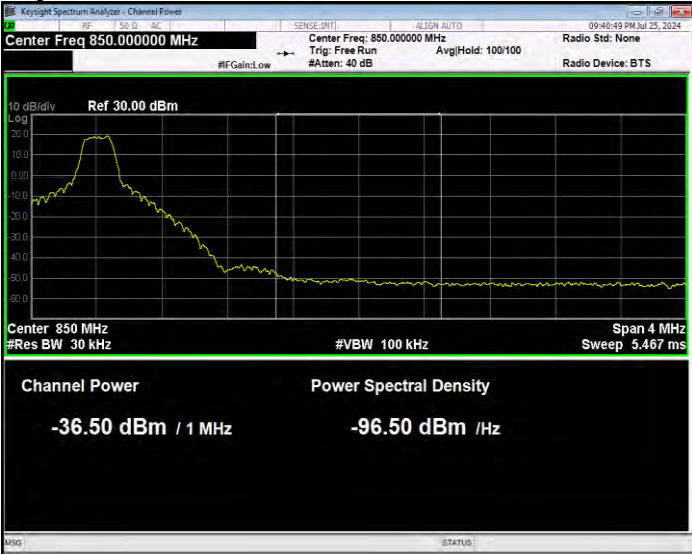
Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#0 Extended



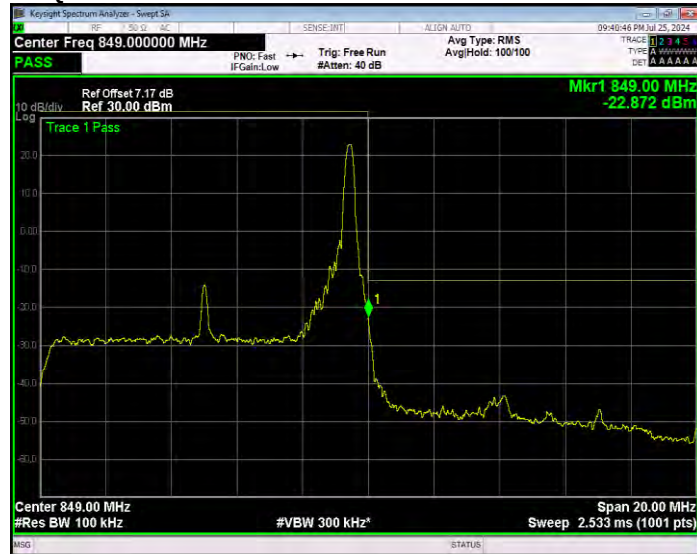
Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#0 Normal



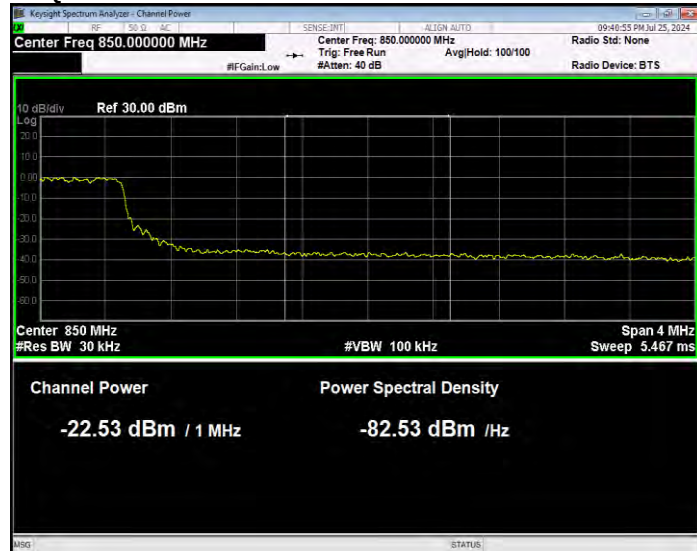
Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#Max Extended



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



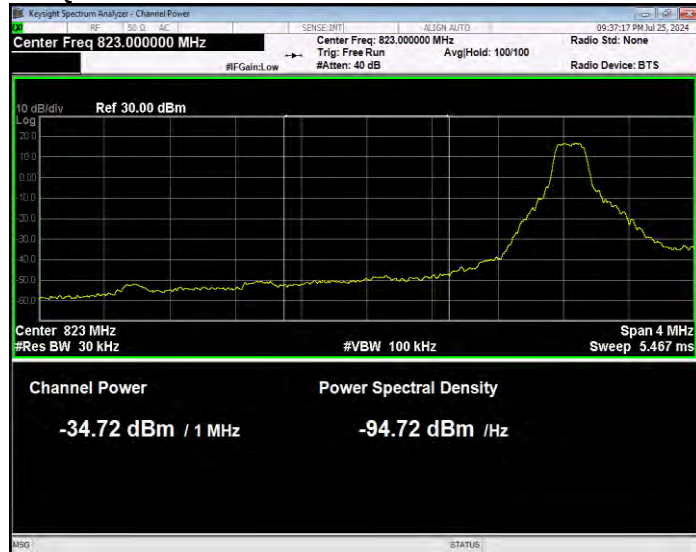
Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0 Extended



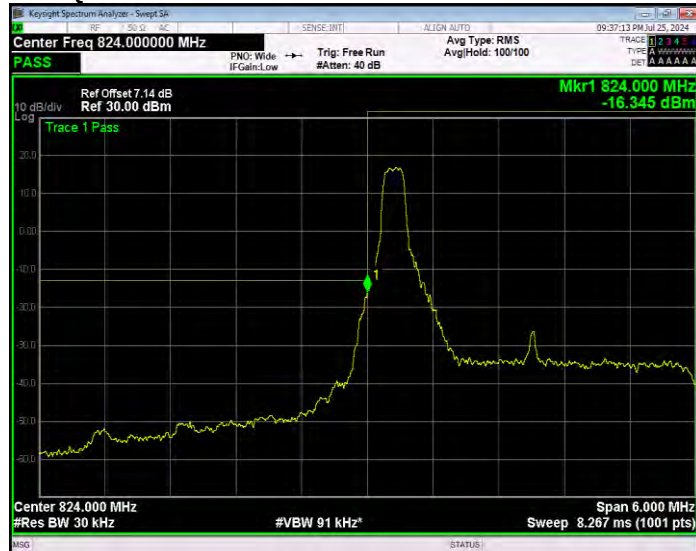
Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0 Normal



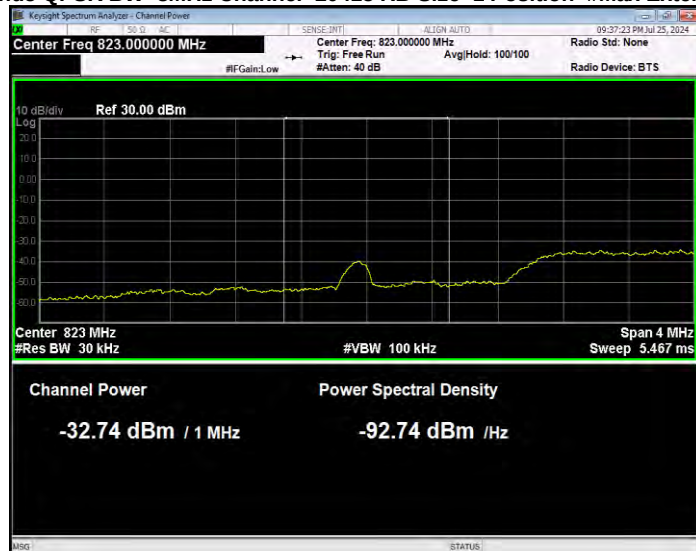
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0 Extended



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



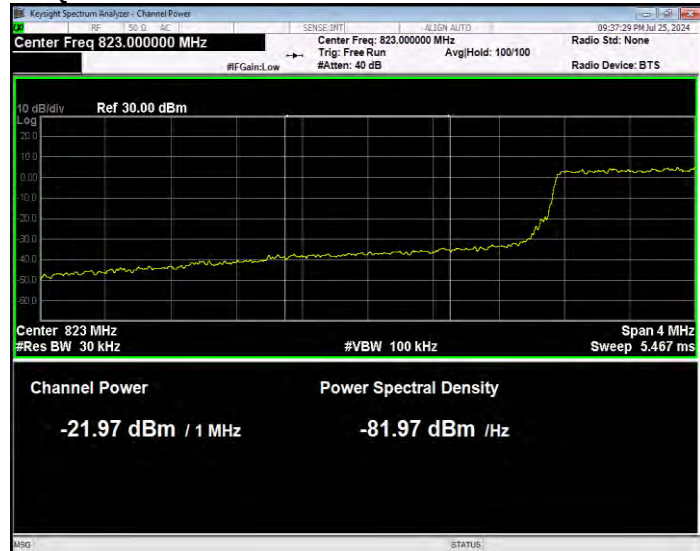
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#Max Extended



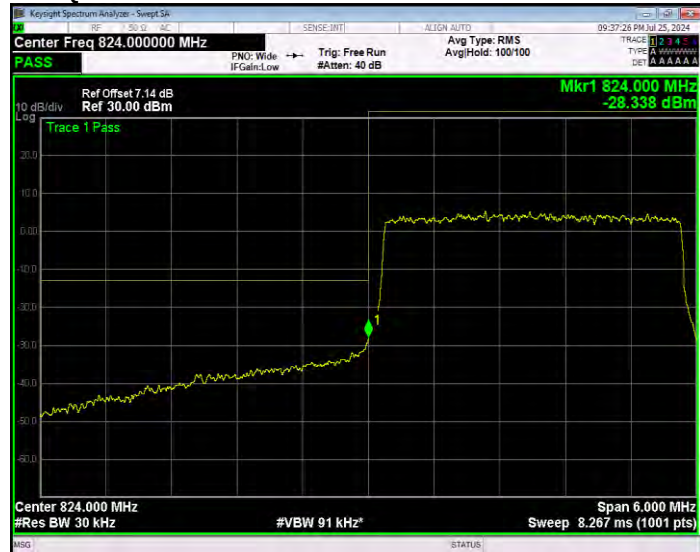
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#Max Normal



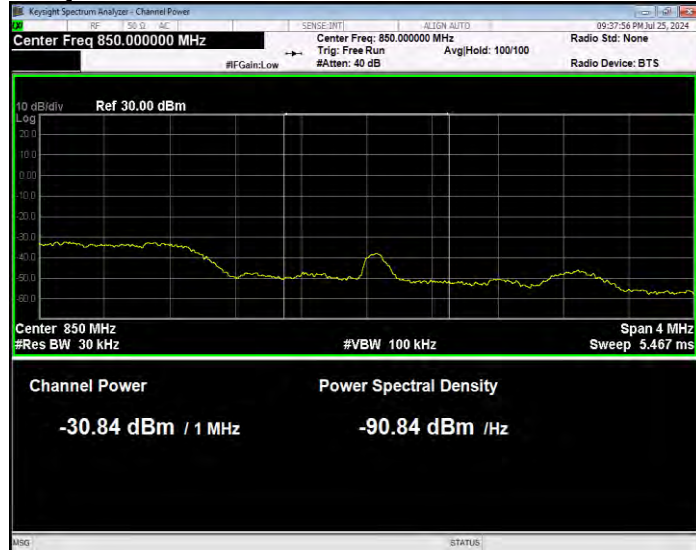
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0 Extended



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



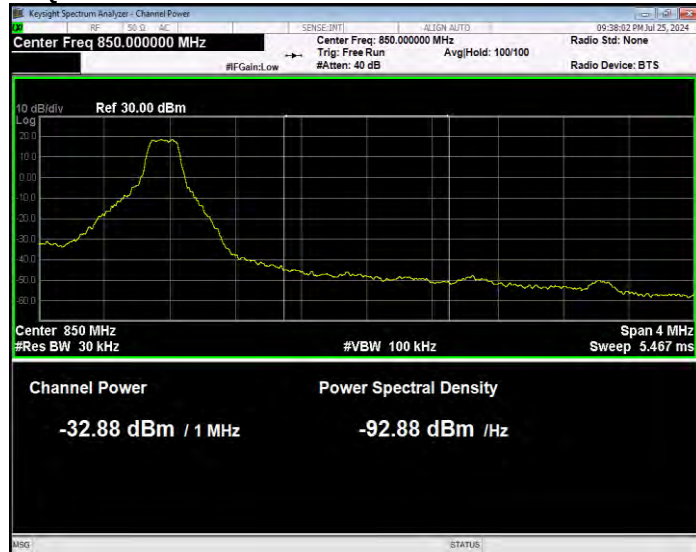
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0 Extended



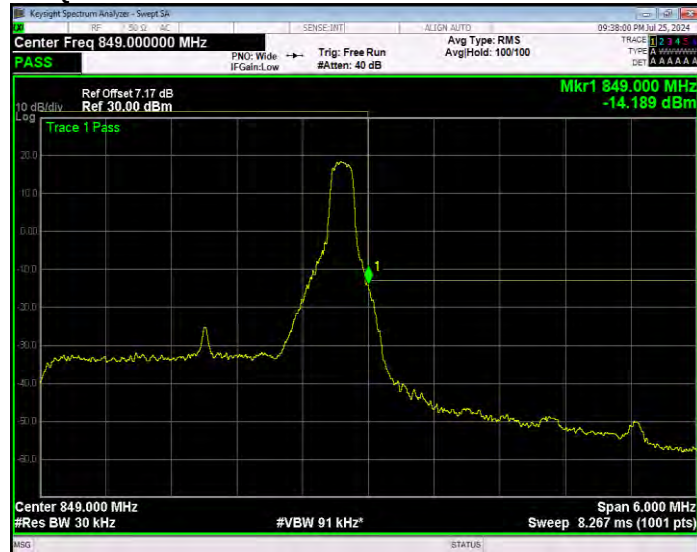
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0 Normal



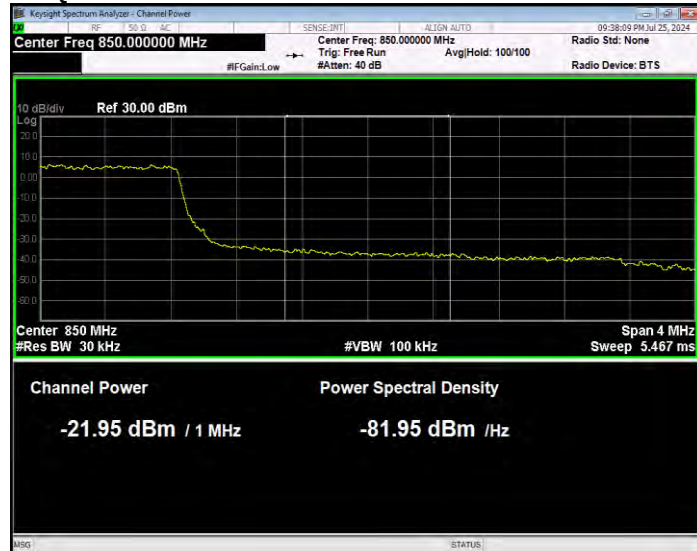
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#Max Extended



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



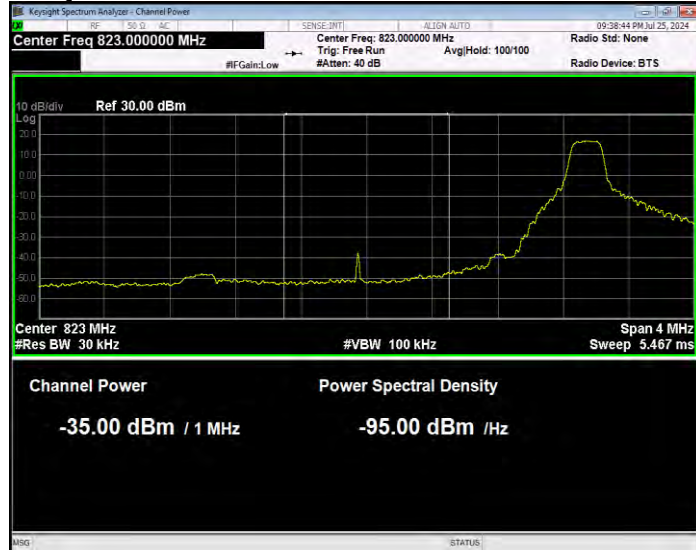
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0 Extended



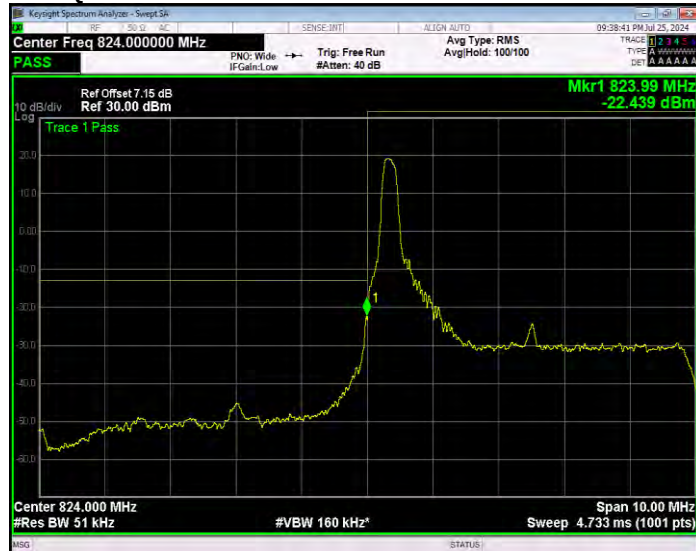
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0 Normal



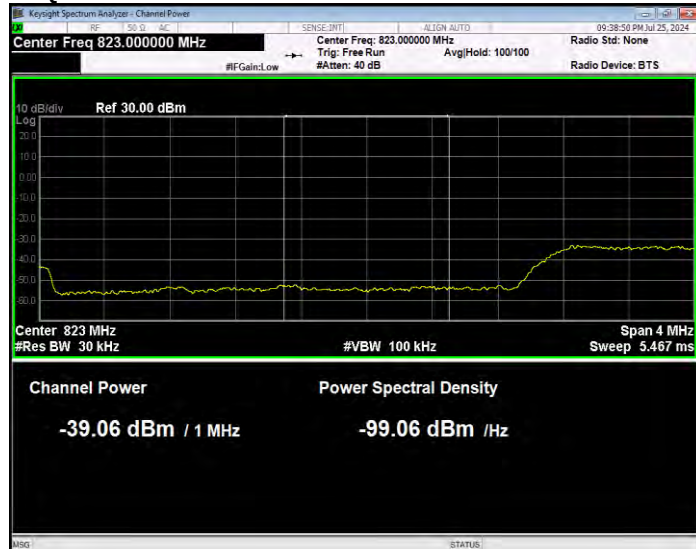
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0 Extended



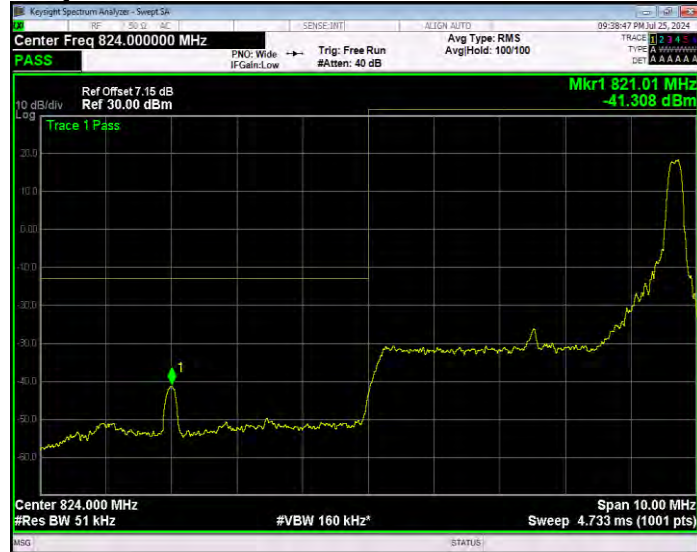
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0 Normal



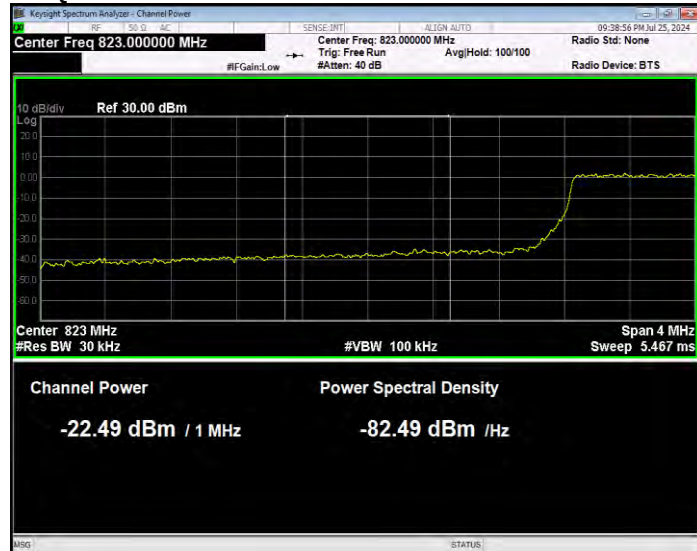
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#Max Extended



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



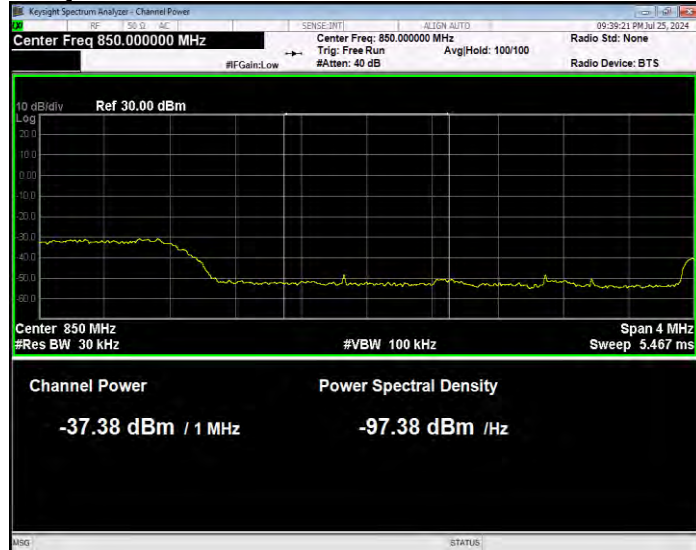
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0 Extended



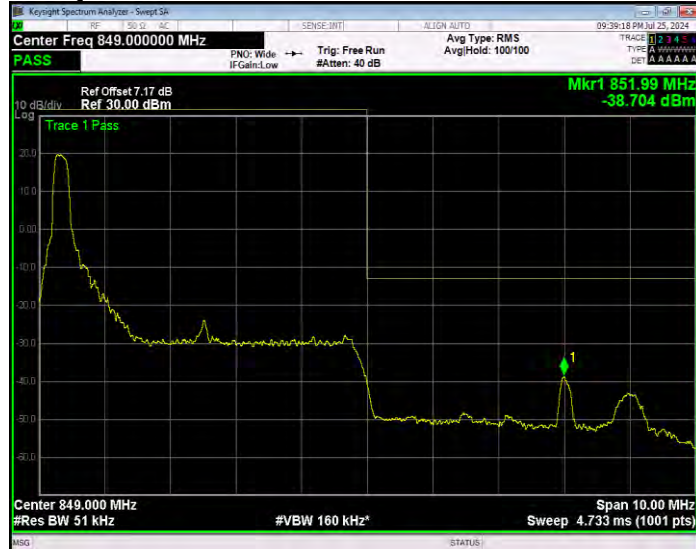
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0 Normal



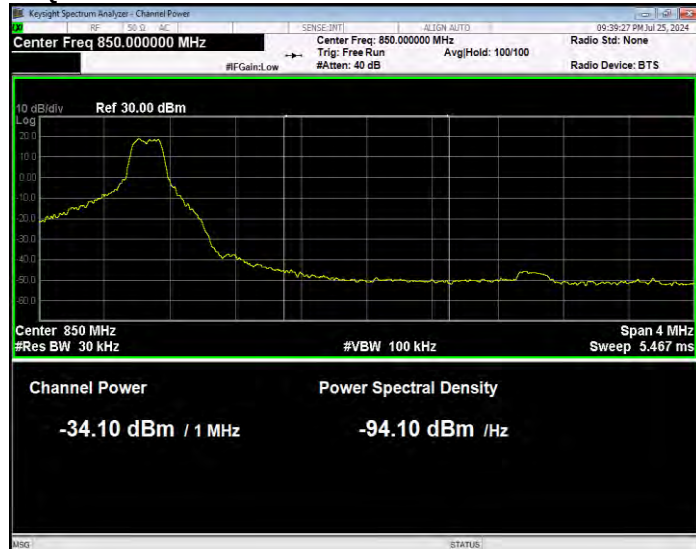
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0 Extended



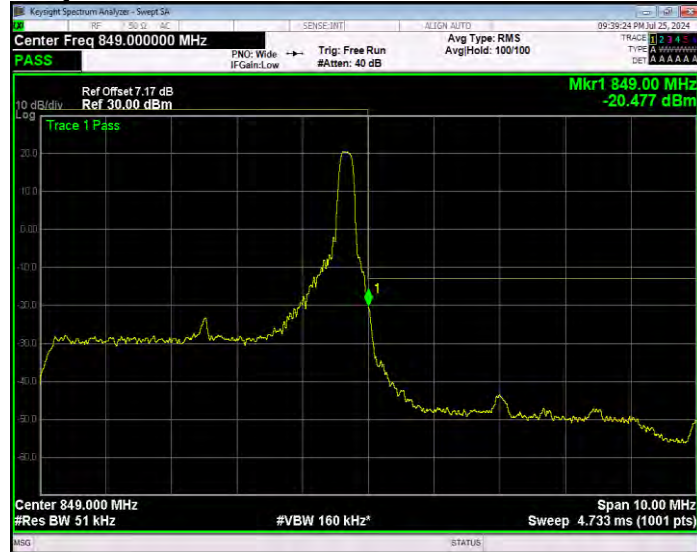
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0 Normal



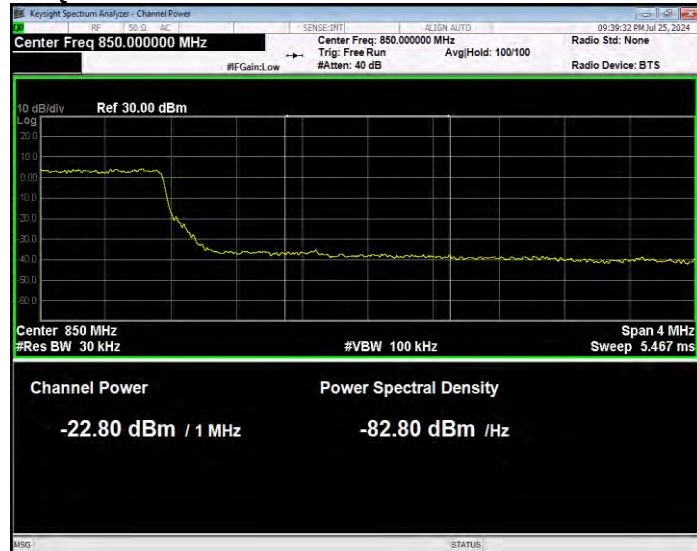
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#Max Extended



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



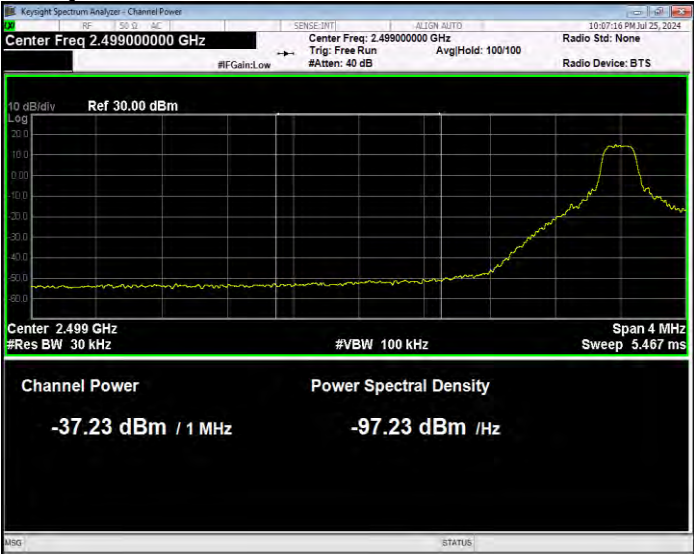
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0 Extended



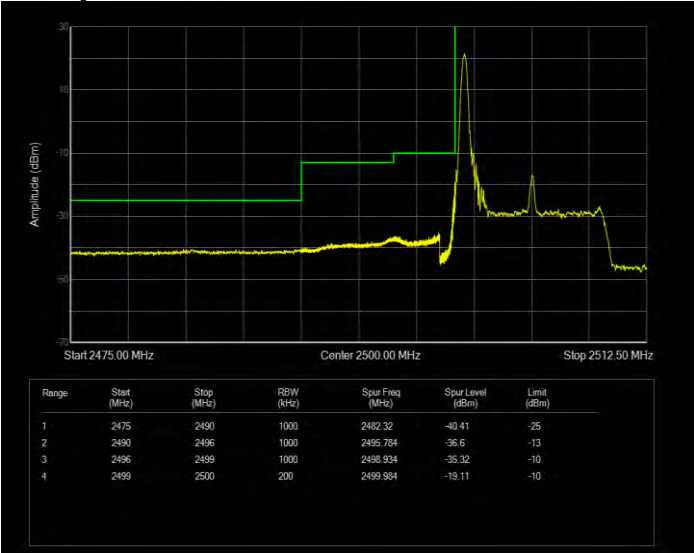
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0 Normal



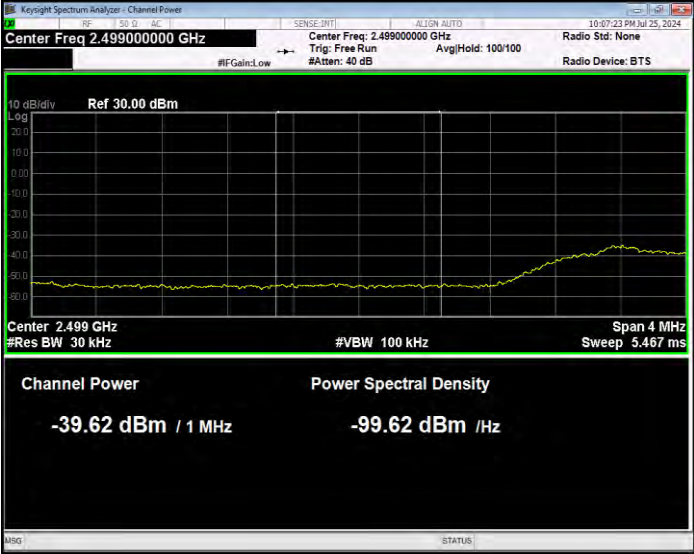
Band7 16QAM BW=10MHz Channel=20800 RB Size=1 Position=#0 Extended



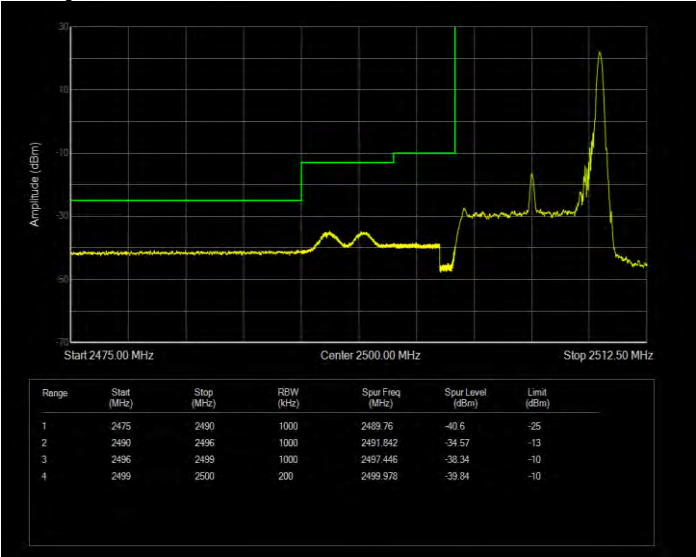
Band7 16QAM BW=10MHz Channel=20800 RB Size=1 Position=#0 Normal



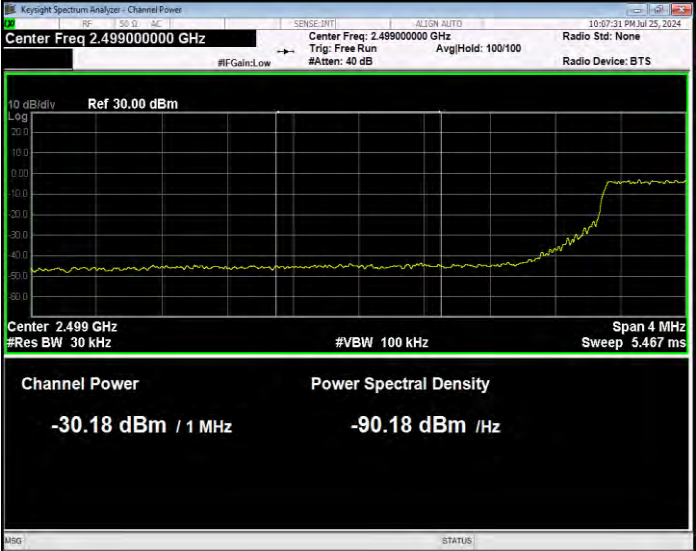
Band7 16QAM BW=10MHz Channel=20800 RB Size=1 Position=#Max Extended



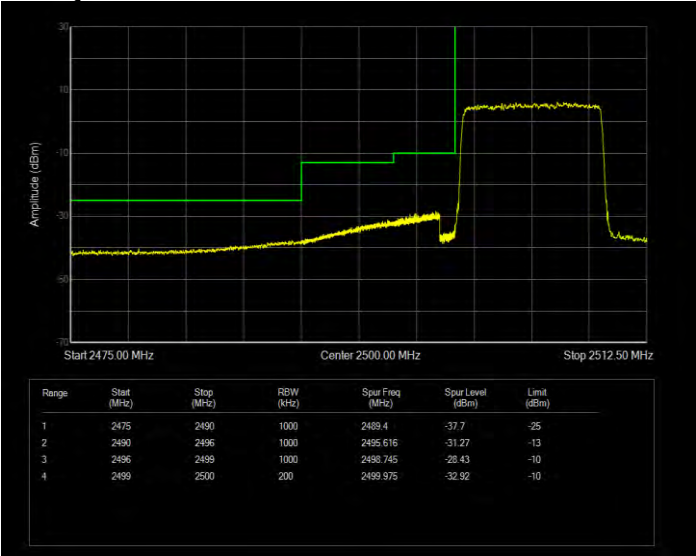
Band7 16QAM BW=10MHz Channel=20800 RB Size=1 Position=#Max Normal



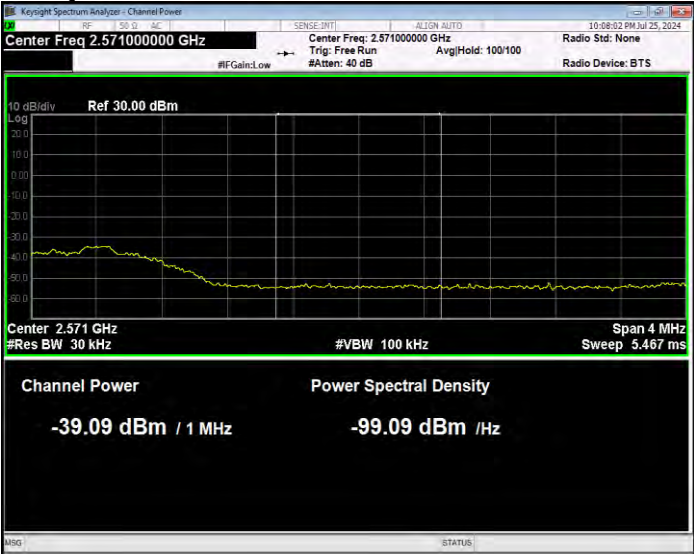
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0 Extended



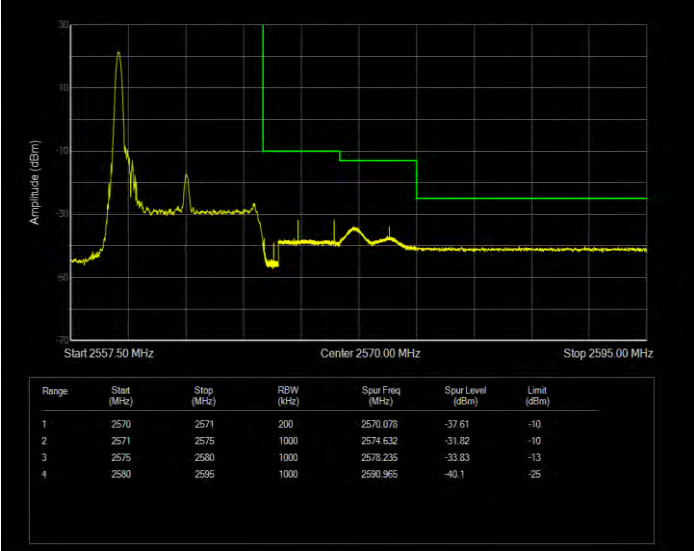
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0 Normal



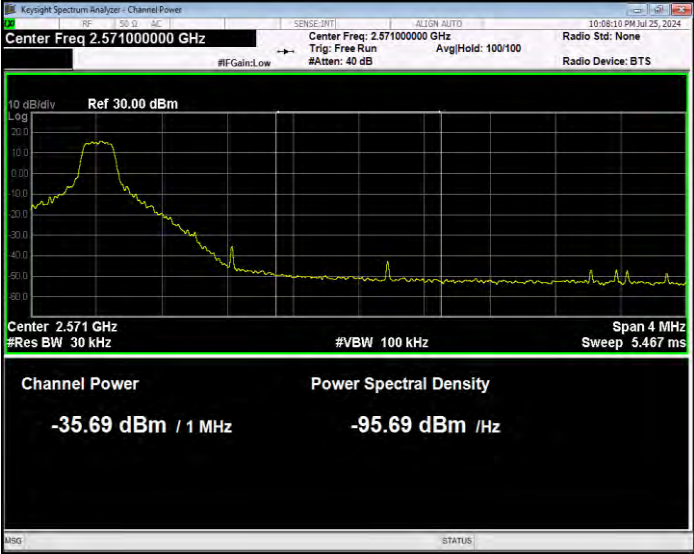
Band7 16QAM BW=10MHz Channel=21400 RB Size=1 Position=#0 Extended



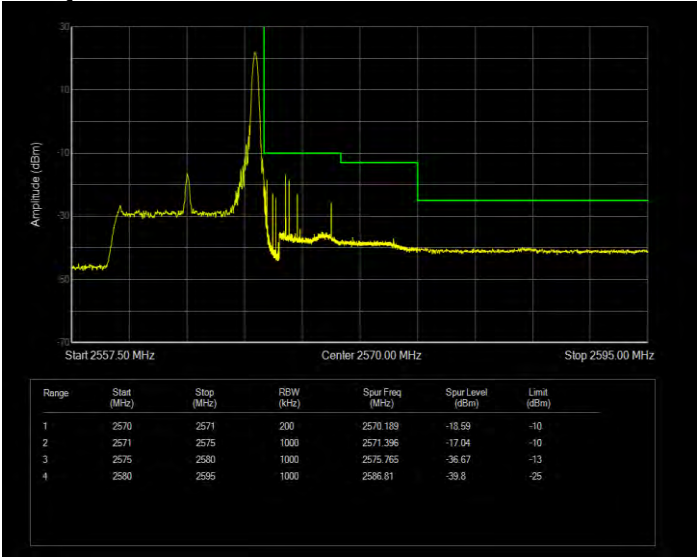
Band7 16QAM BW=10MHz Channel=21400 RB Size=1 Position=#0 Normal



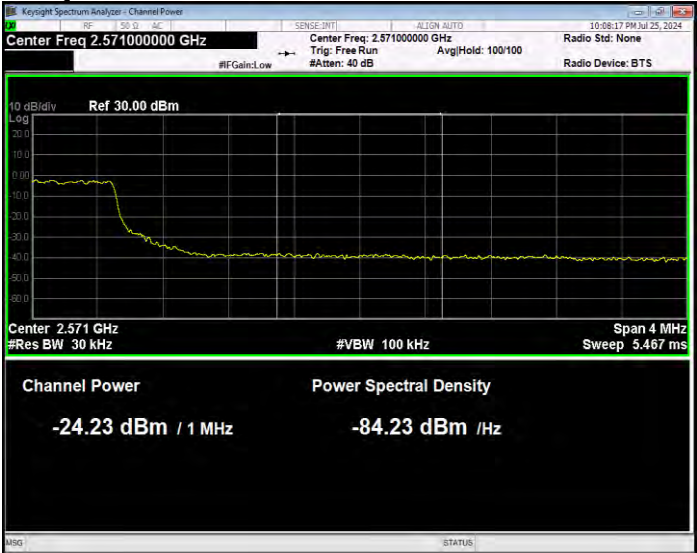
Band7 16QAM BW=10MHz Channel=21400 RB Size=1 Position=#Max Extended



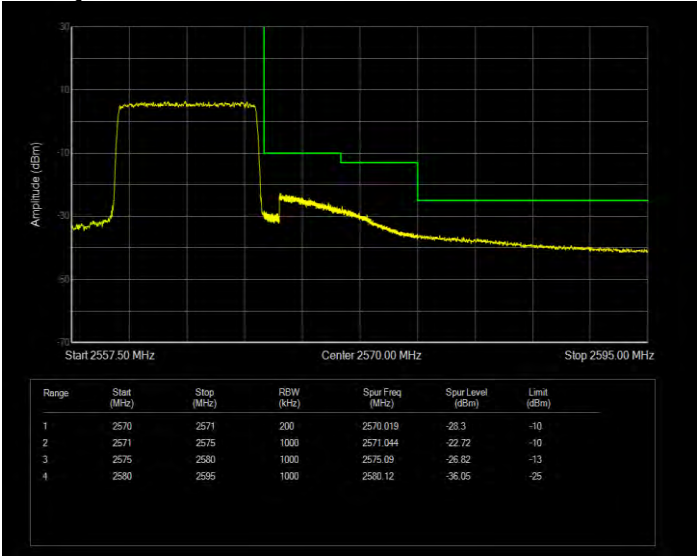
Band7 16QAM BW=10MHz Channel=21400 RB Size=1 Position=#Max Normal



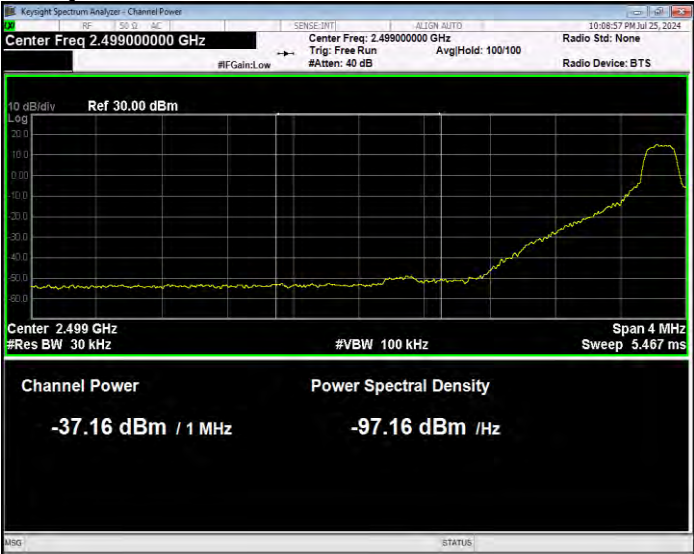
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0 Extended



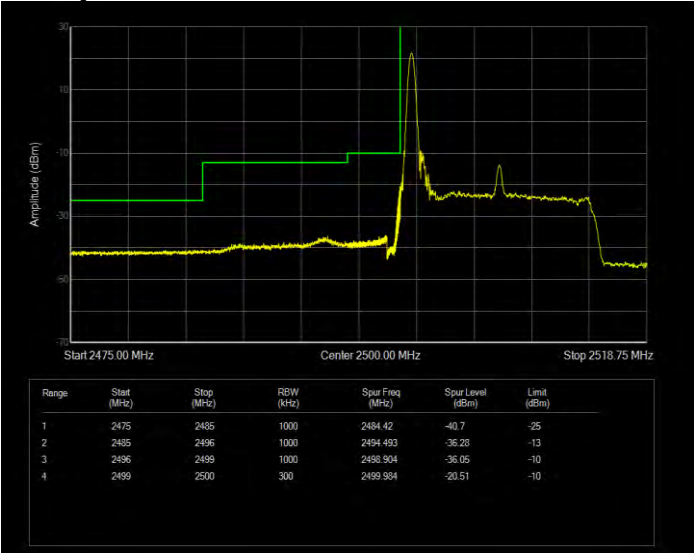
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0 Normal



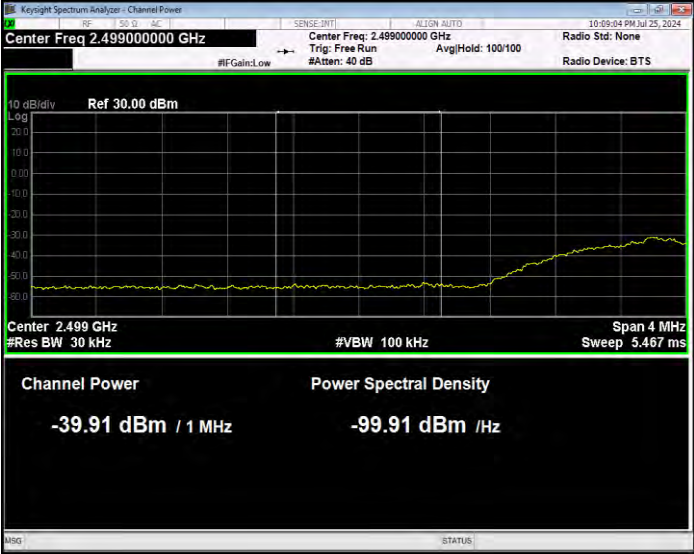
Band7 16QAM BW=15MHz Channel=20825 RB Size=1 Position=#0 Extended



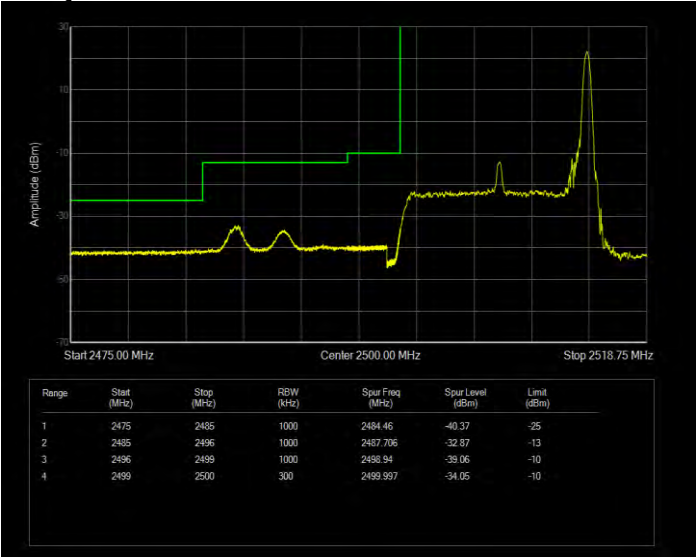
Band7 16QAM BW=15MHz Channel=20825 RB Size=1 Position=#0 Normal



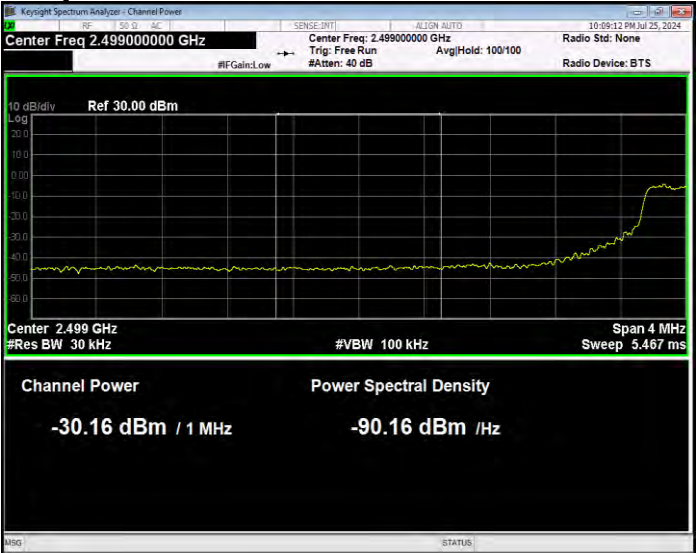
Band7 16QAM BW=15MHz Channel=20825 RB Size=1 Position=#Max Extended



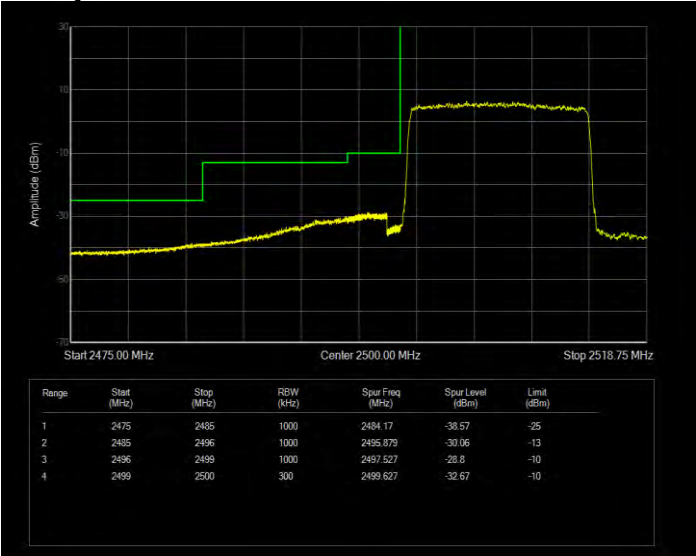
Band7 16QAM BW=15MHz Channel=20825 RB Size=1 Position=#Max Normal



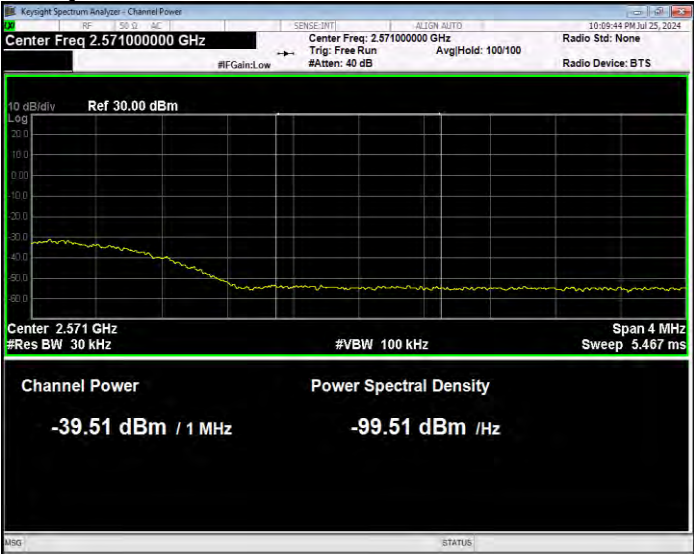
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0 Extended



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



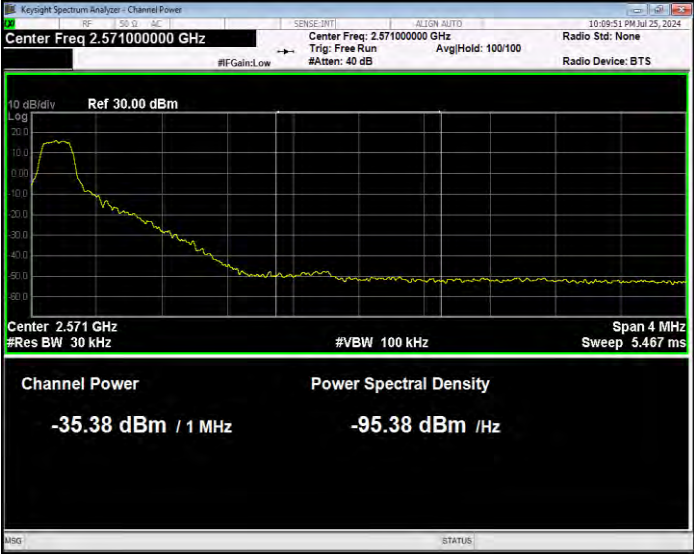
Band7 16QAM BW=15MHz Channel=21375 RB Size=1 Position=#0 Extended



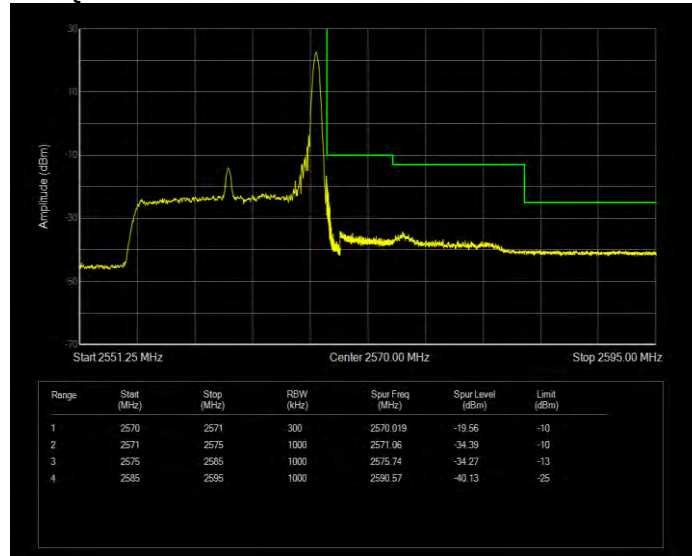
Band7 16QAM BW=15MHz Channel=21375 RB Size=1 Position=#0 Normal



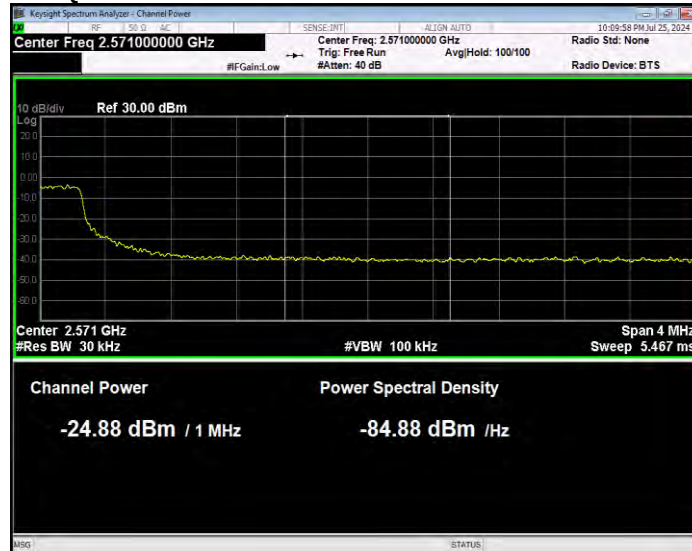
Band7 16QAM BW=15MHz Channel=21375 RB Size=1 Position=#Max Extended



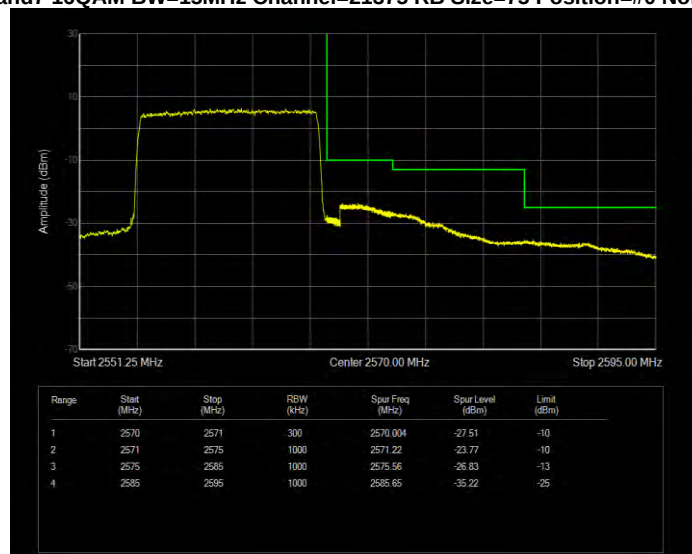
Band7 16QAM BW=15MHz Channel=21375 RB Size=1 Position=#Max Normal



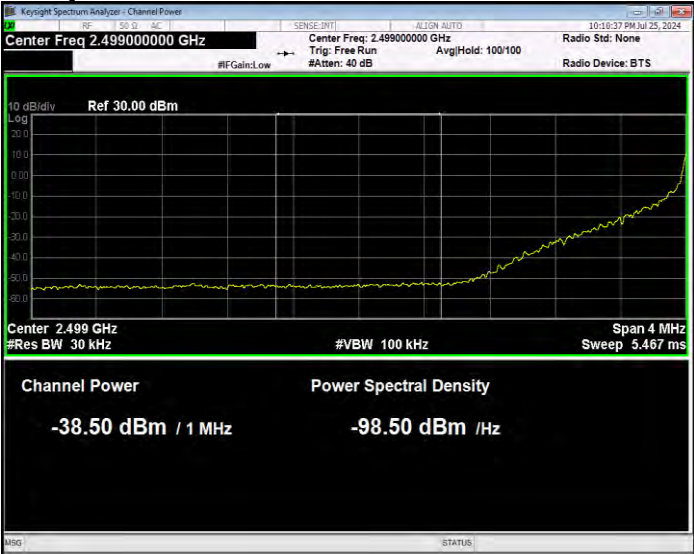
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0 Extended



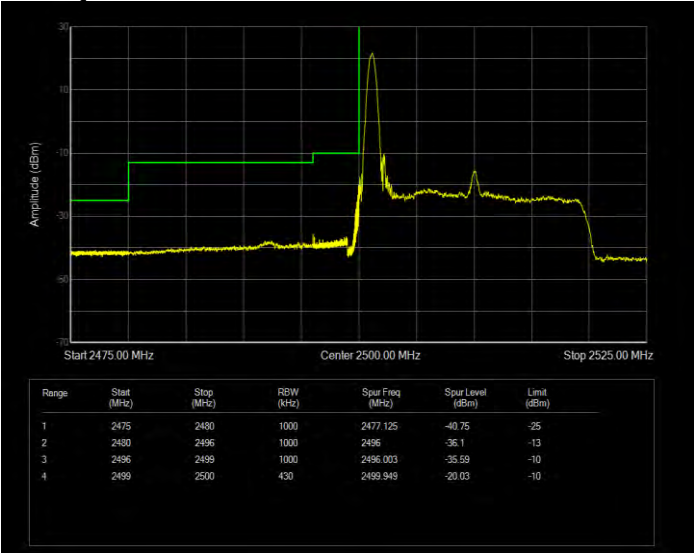
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0 Normal



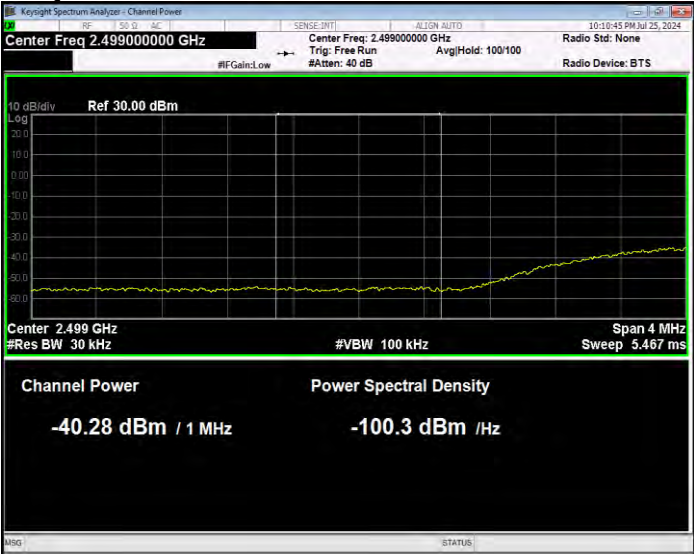
Band7 16QAM BW=20MHz Channel=20850 RB Size=1 Position=#0 Extended



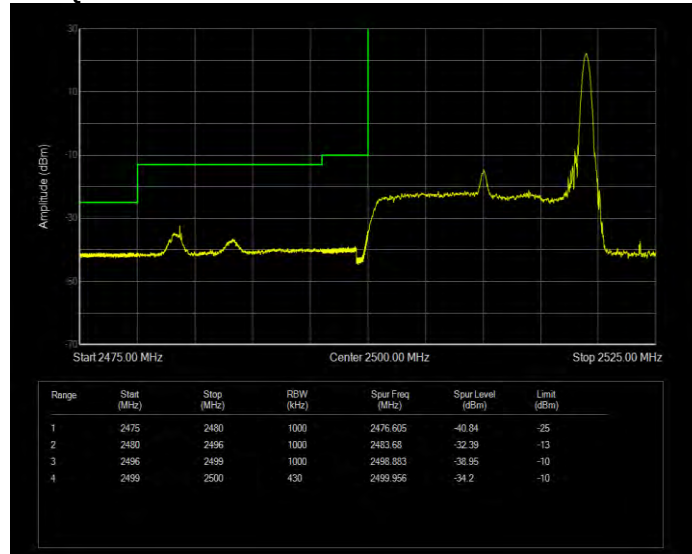
Band7 16QAM BW=20MHz Channel=20850 RB Size=1 Position=#0 Normal



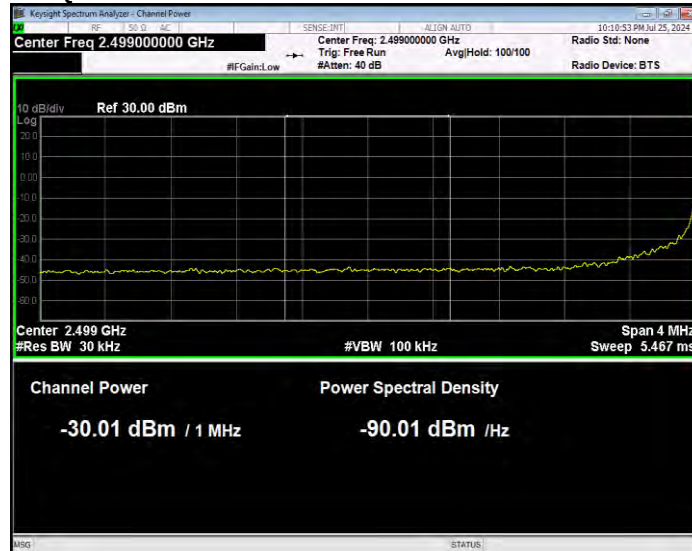
Band7 16QAM BW=20MHz Channel=20850 RB Size=1 Position=#Max Extended



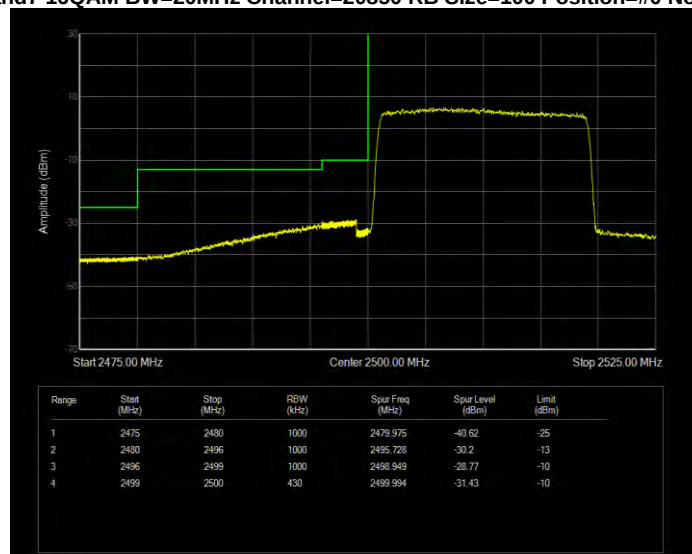
Band7 16QAM BW=20MHz Channel=20850 RB Size=1 Position=#Max Normal



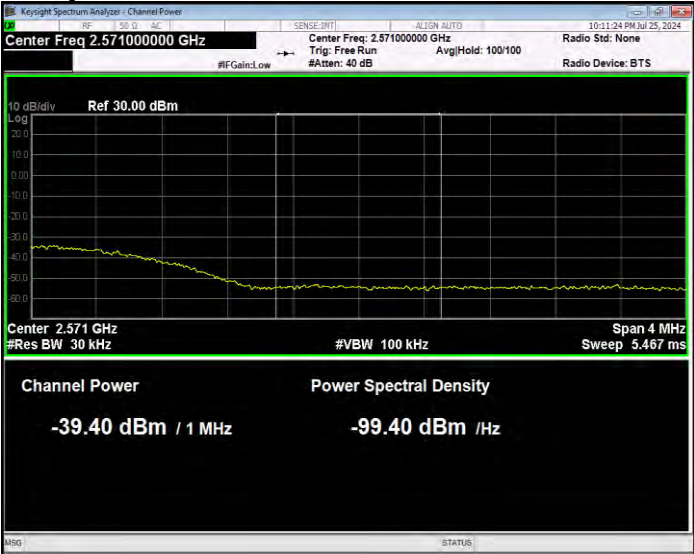
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0 Extended



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



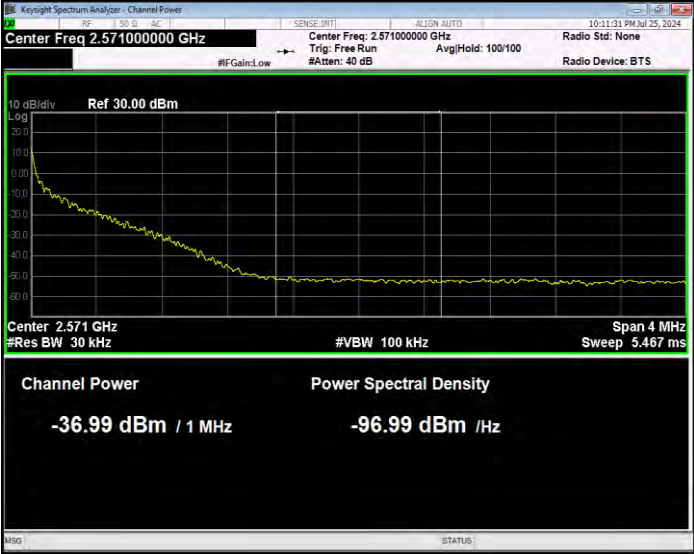
Band7 16QAM BW=20MHz Channel=21350 RB Size=1 Position=#0 Extended



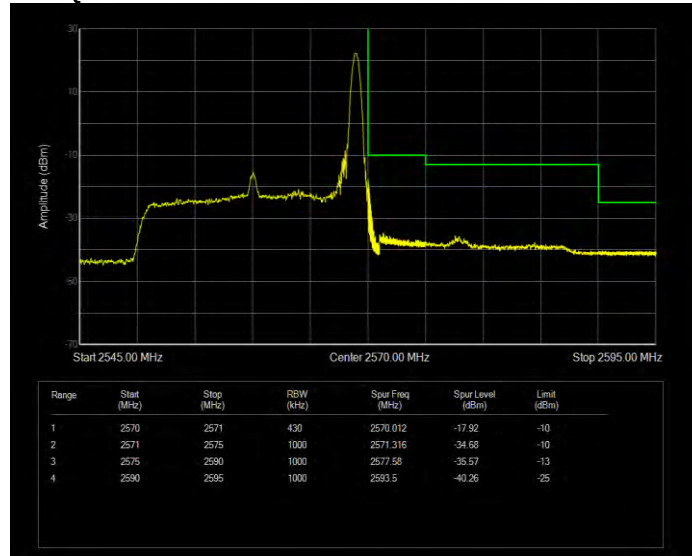
Band7 16QAM BW=20MHz Channel=21350 RB Size=1 Position=#0 Normal



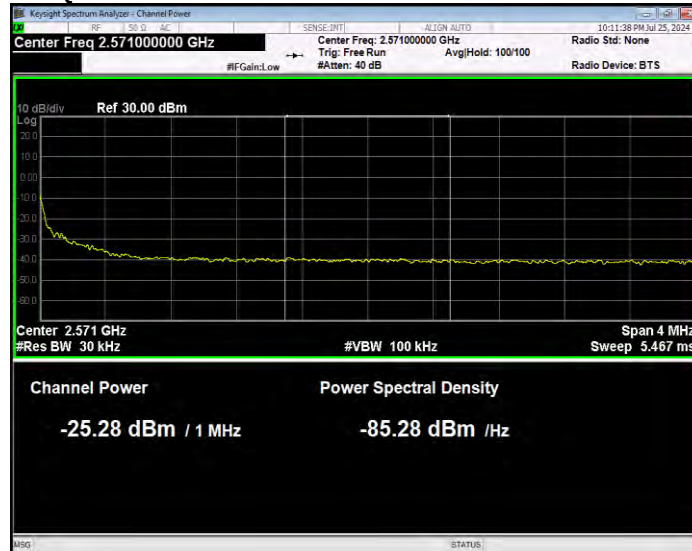
Band7 16QAM BW=20MHz Channel=21350 RB Size=1 Position=#Max Extended



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



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



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

