

Band2 16QAM BW=20MHz Channel=19100 RB Size=1 Position=#Max Normal



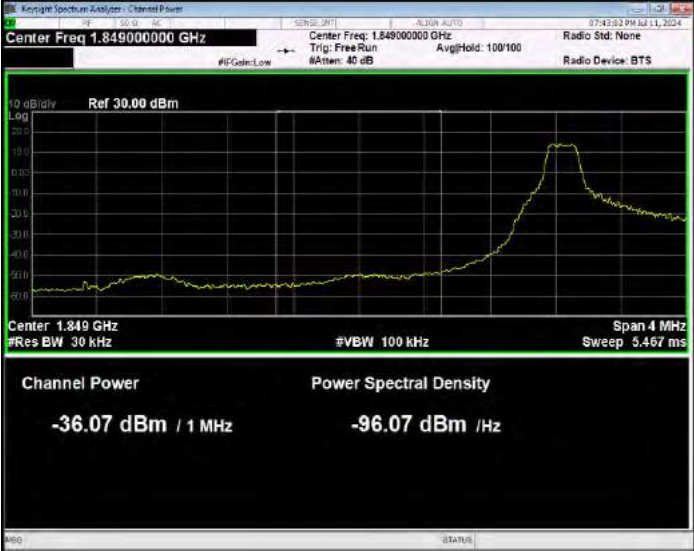
Band2 16QAM BW=20MHz Channel=19100 RB Size=100 Position=#0 Extended



Band2 16QAM BW=20MHz Channel=19100 RB Size=100 Position=#0 Normal



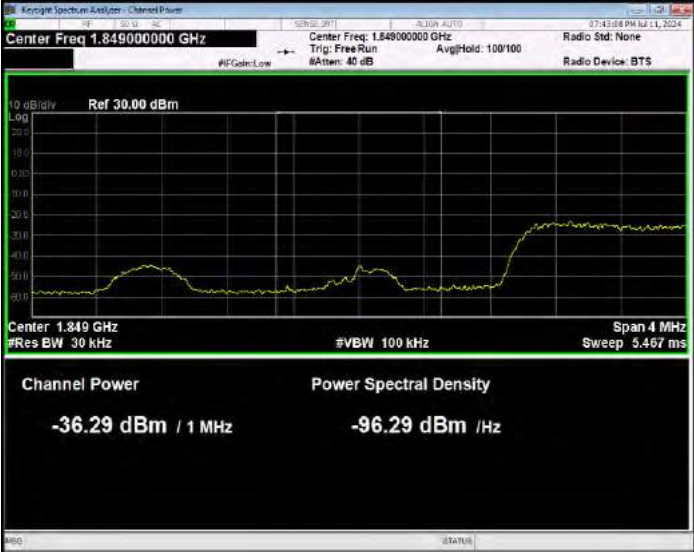
Band2 16QAM BW=3MHz Channel=18615 RB Size=1 Position=#0 Extended



Band2 16QAM BW=3MHz Channel=18615 RB Size=1 Position=#0 Normal



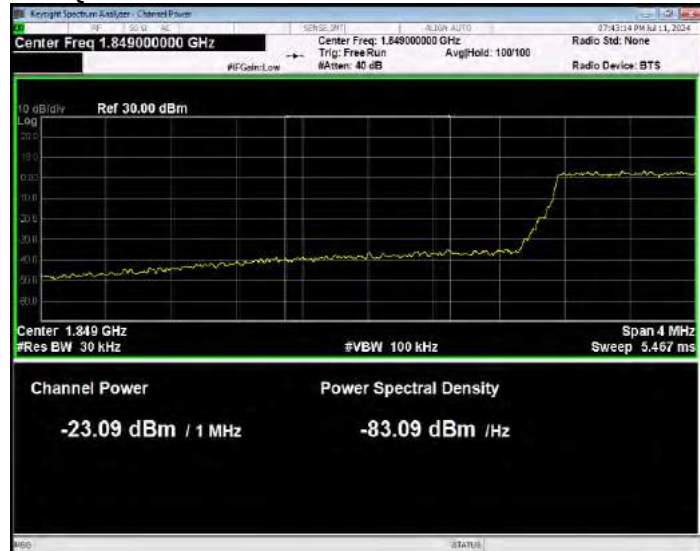
Band2 16QAM BW=3MHz Channel=18615 RB Size=1 Position=#Max Extended



Band2 16QAM BW=3MHz Channel=18615 RB Size=1 Position=#Max Normal



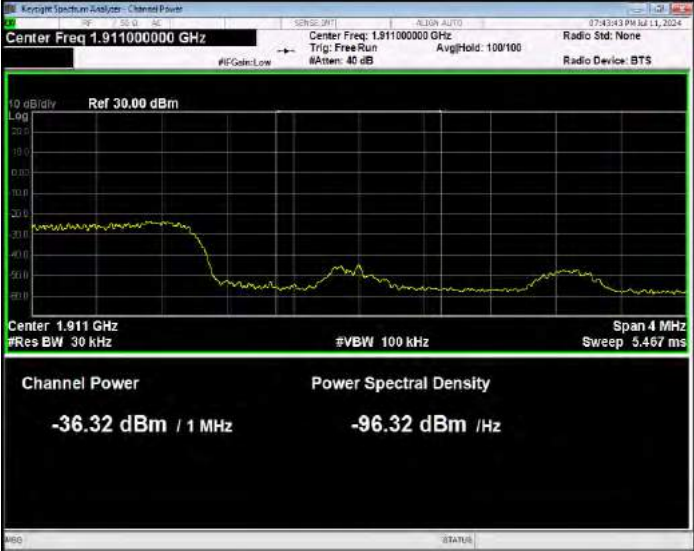
Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0 Extended



Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0 Normal



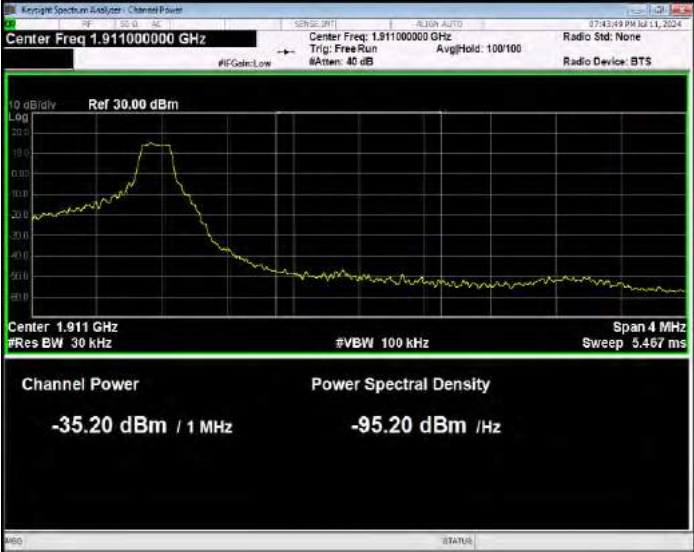
Band2 16QAM BW=3MHz Channel=19185 RB Size=1 Position=#0 Extended



Band2 16QAM BW=3MHz Channel=19185 RB Size=1 Position=#0 Normal



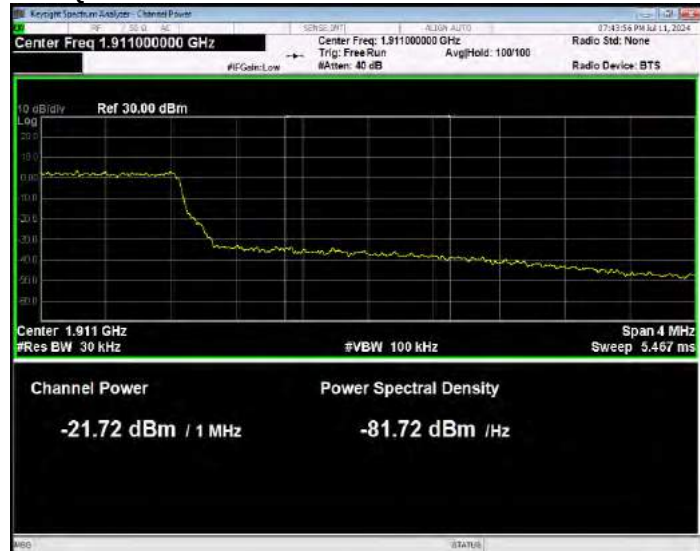
Band2 16QAM BW=3MHz Channel=19185 RB Size=1 Position=#Max Extended



Band2 16QAM BW=3MHz Channel=19185 RB Size=1 Position=#Max Normal



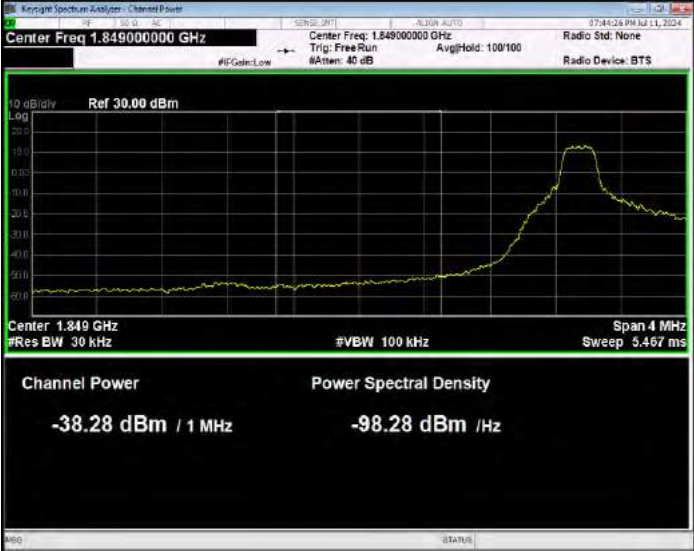
Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0 Extended



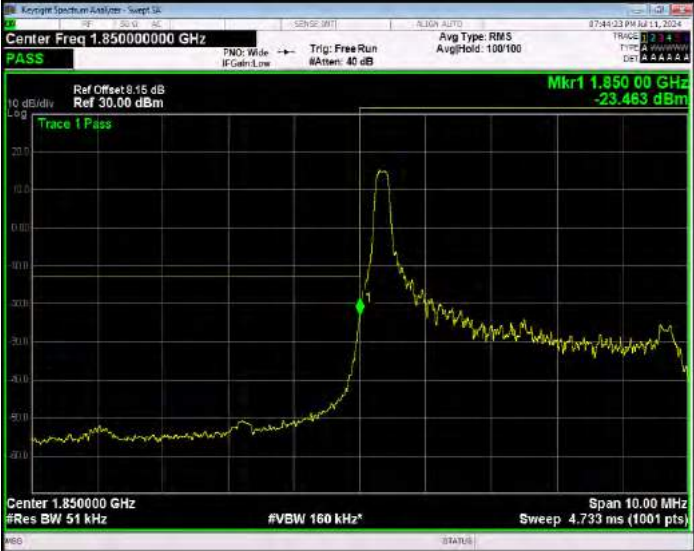
Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0 Normal



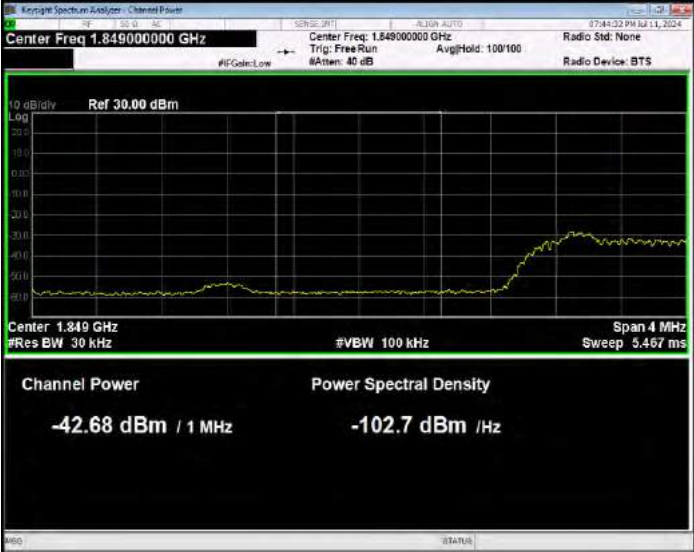
Band2 16QAM BW=5MHz Channel=18625 RB Size=1 Position=#0 Extended



Band2 16QAM BW=5MHz Channel=18625 RB Size=1 Position=#0 Normal



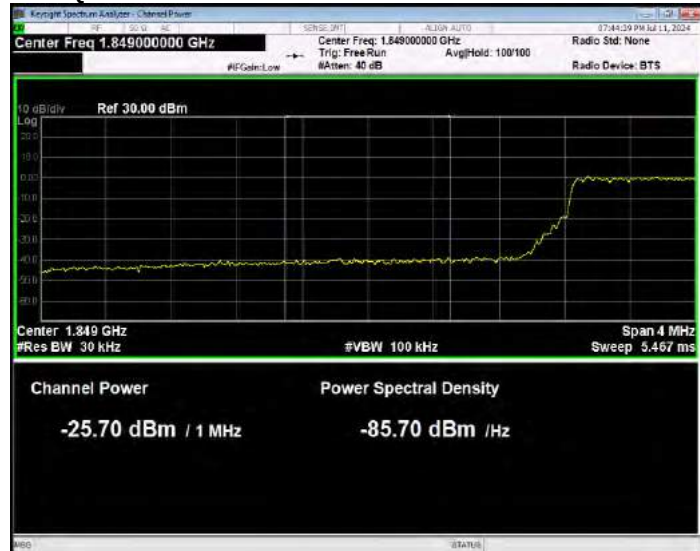
Band2 16QAM BW=5MHz Channel=18625 RB Size=1 Position=#Max Extended



Band2 16QAM BW=5MHz Channel=18625 RB Size=1 Position=#Max Normal



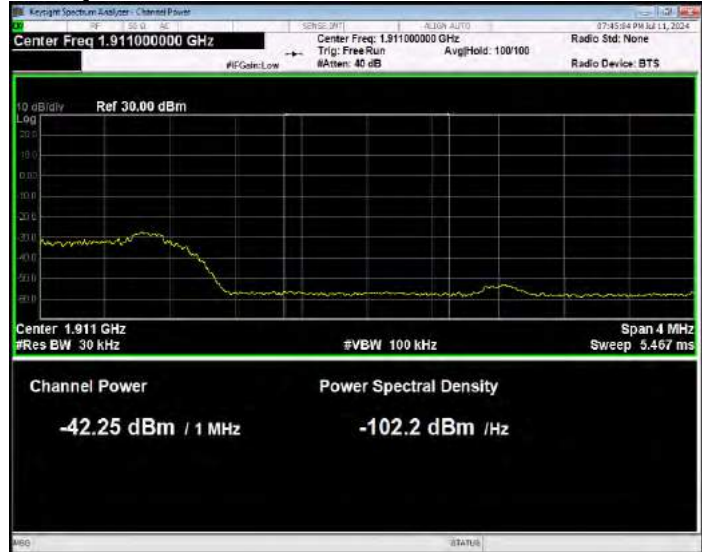
Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0 Extended



Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0 Normal



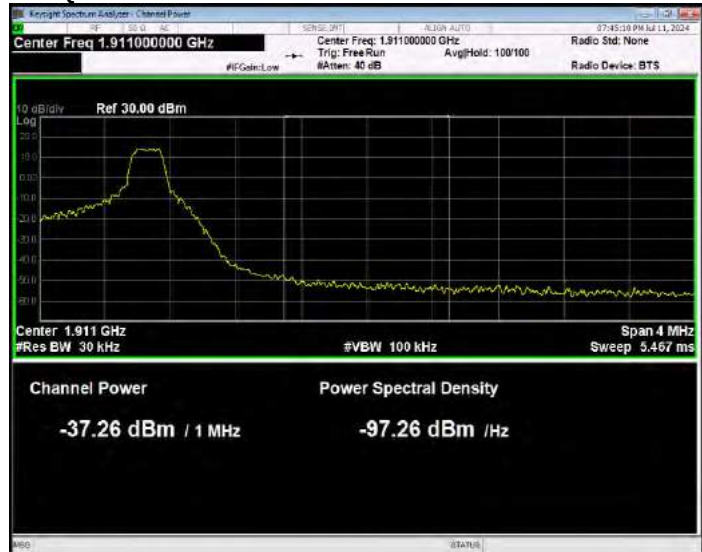
Band2 16QAM BW=5MHz Channel=19175 RB Size=1 Position=#0 Extended



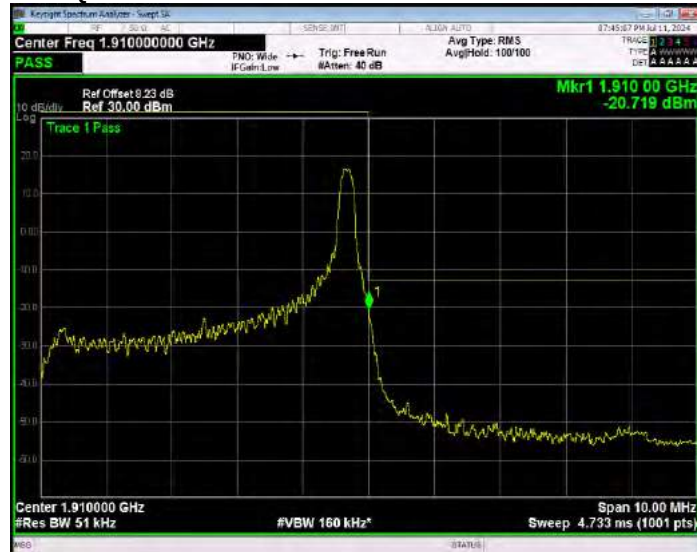
Band2 16QAM BW=5MHz Channel=19175 RB Size=1 Position=#0 Normal



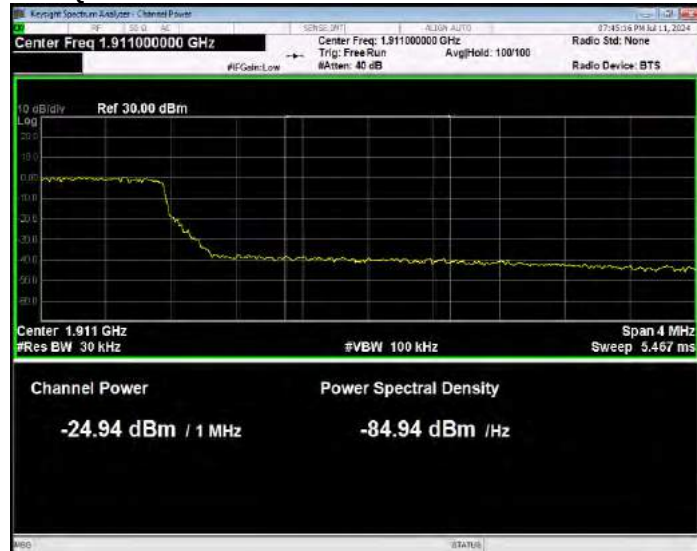
Band2 16QAM BW=5MHz Channel=19175 RB Size=1 Position=#Max Extended



Band2 16QAM BW=5MHz Channel=19175 RB Size=1 Position=#Max Normal



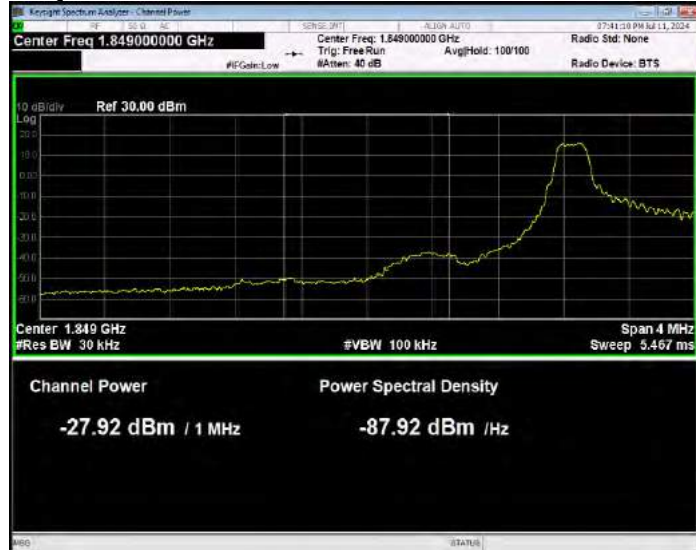
Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0 Extended



Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0 Normal



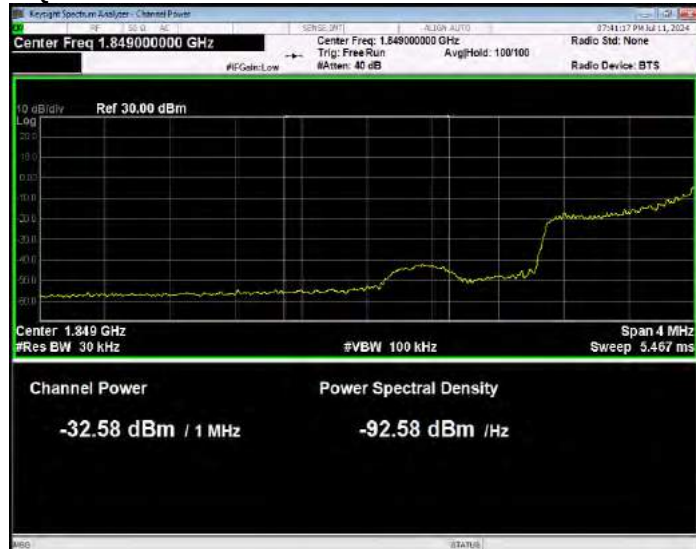
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0 Extended



Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0 Normal



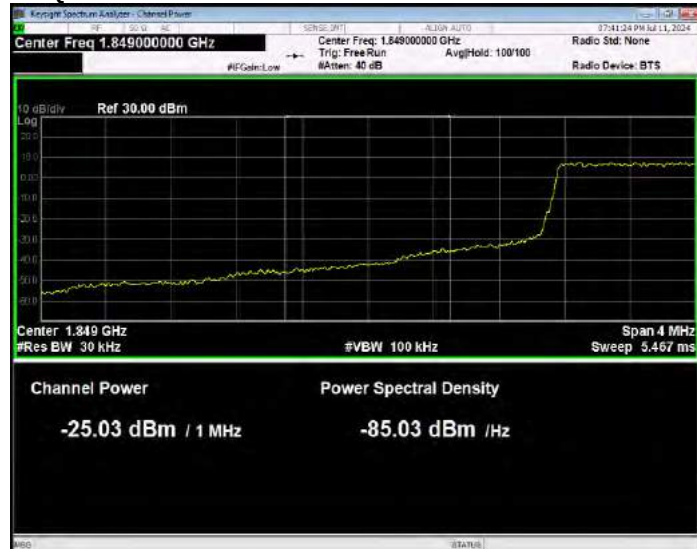
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#Max Extended



Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#Max Normal



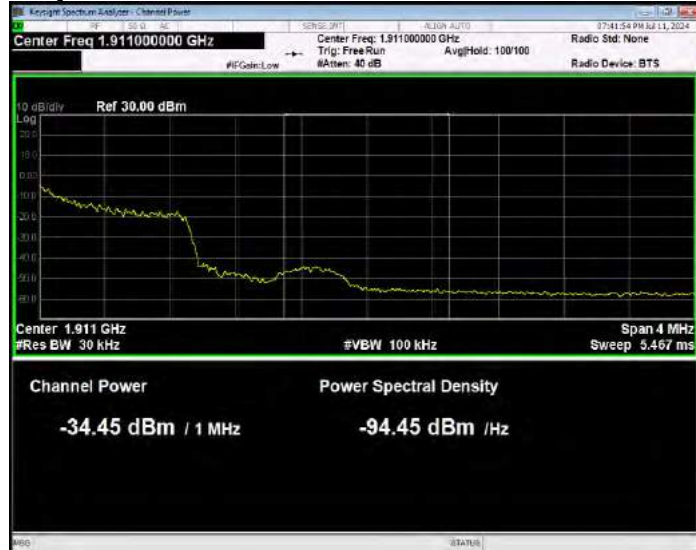
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0 Extended



Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0 Normal



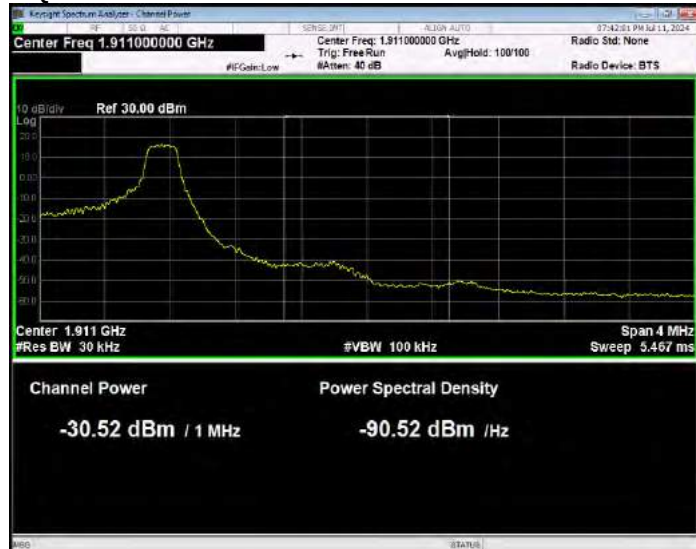
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#0 Extended



Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#0 Normal



Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#Max Extended



Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#Max Normal



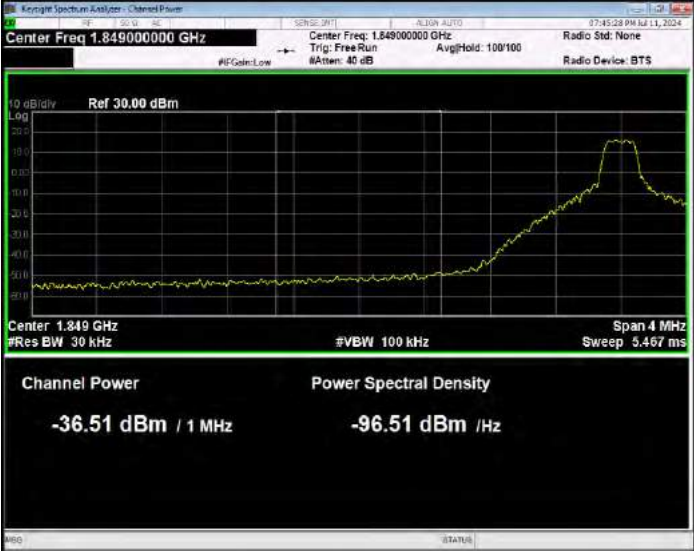
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0 Extended



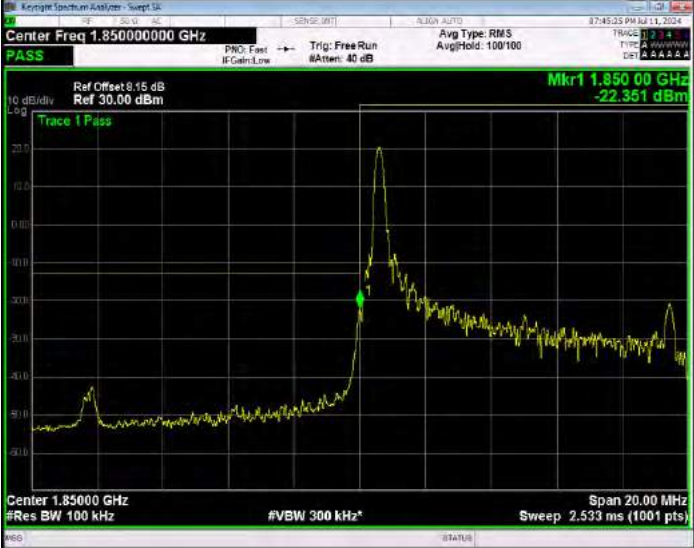
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0 Normal



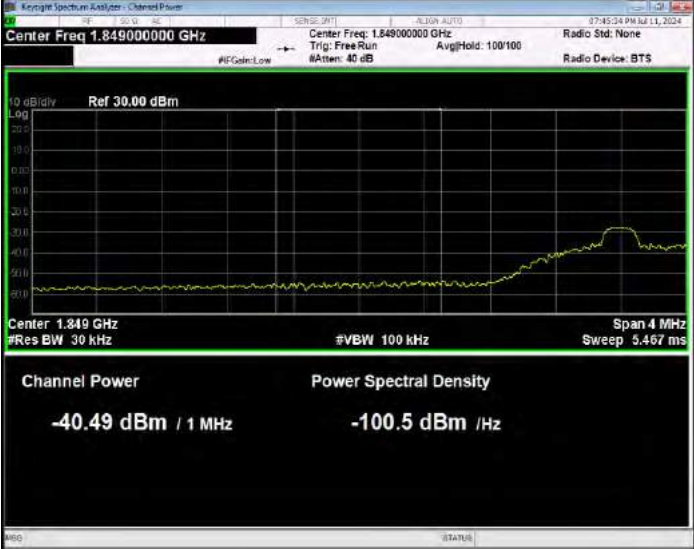
Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#0 Extended



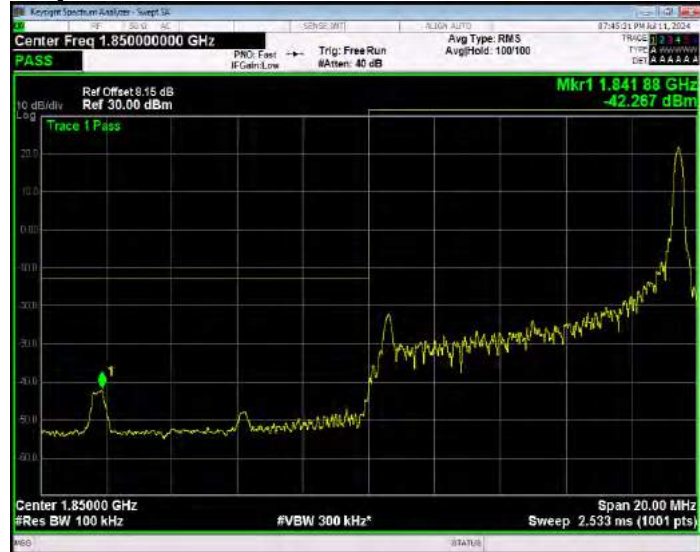
Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#0 Normal



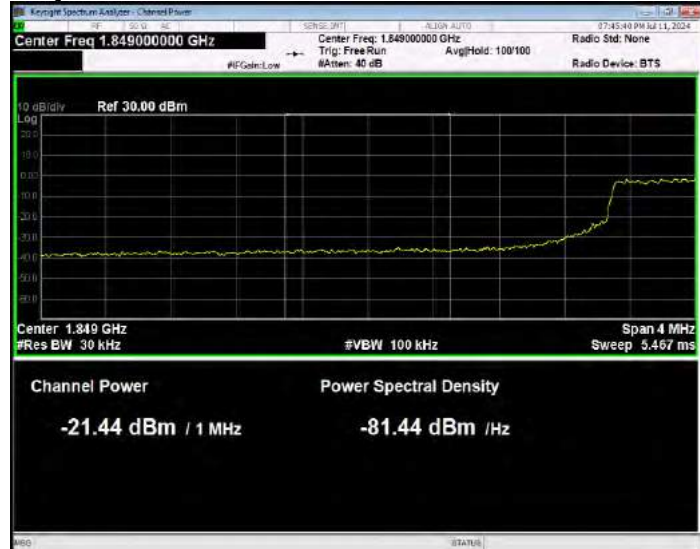
Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#Max Extended



Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#Max Normal



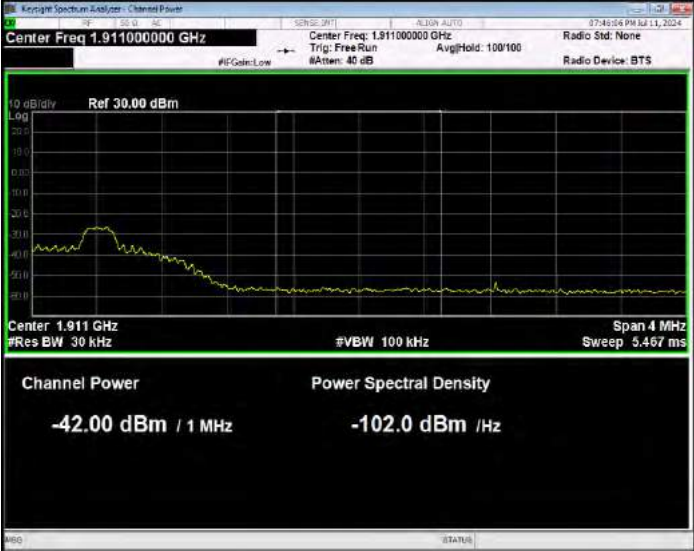
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0 Extended



Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0 Normal



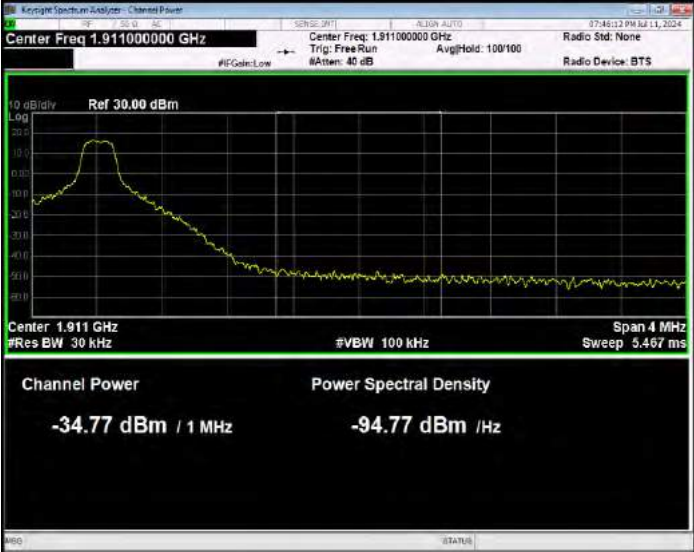
Band2 QPSK BW=10MHz Channel=19150 RB Size=1 Position=#0 Extended



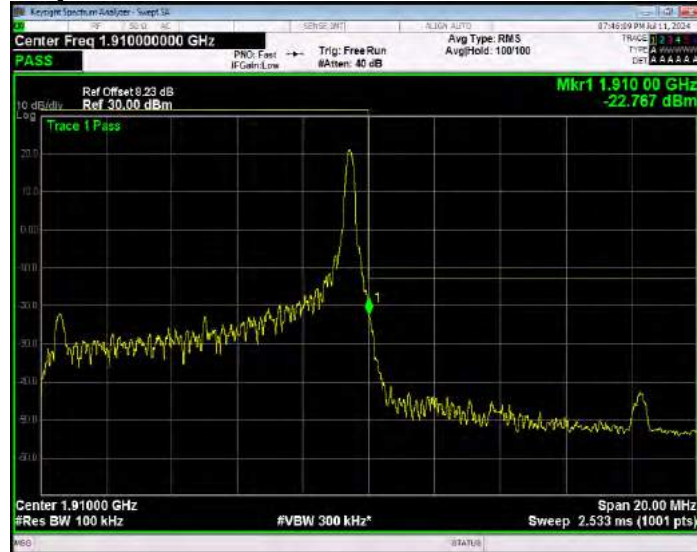
Band2 QPSK BW=10MHz Channel=19150 RB Size=1 Position=#0 Normal



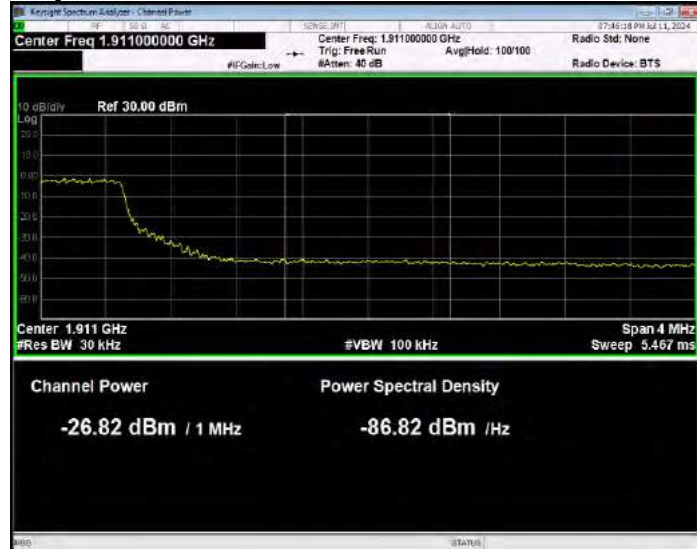
Band2 QPSK BW=10MHz Channel=19150 RB Size=1 Position=#Max Extended



Band2 QPSK BW=10MHz Channel=19150 RB Size=1 Position=#Max Normal



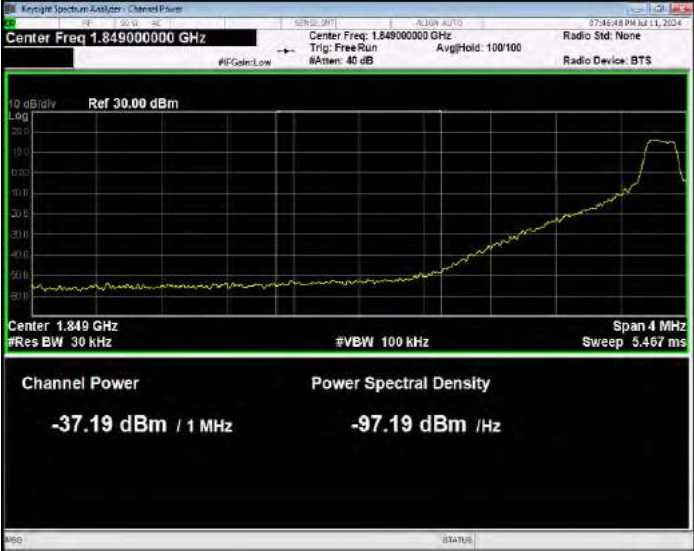
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0 Extended



Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0 Normal



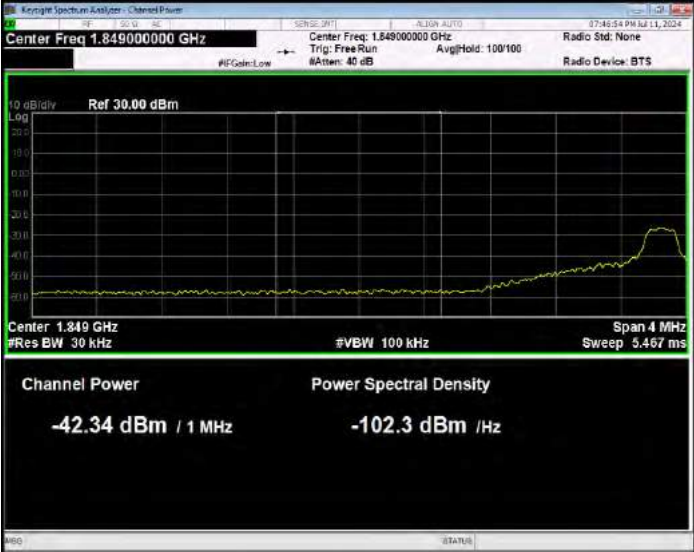
Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#0 Extended



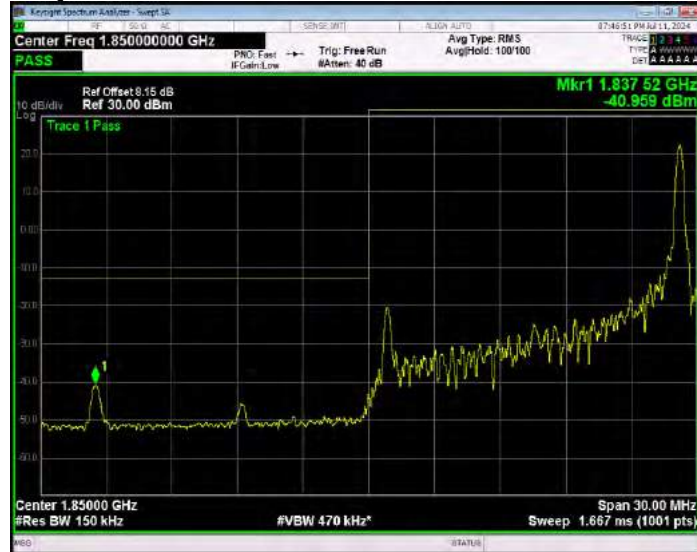
Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#0 Normal



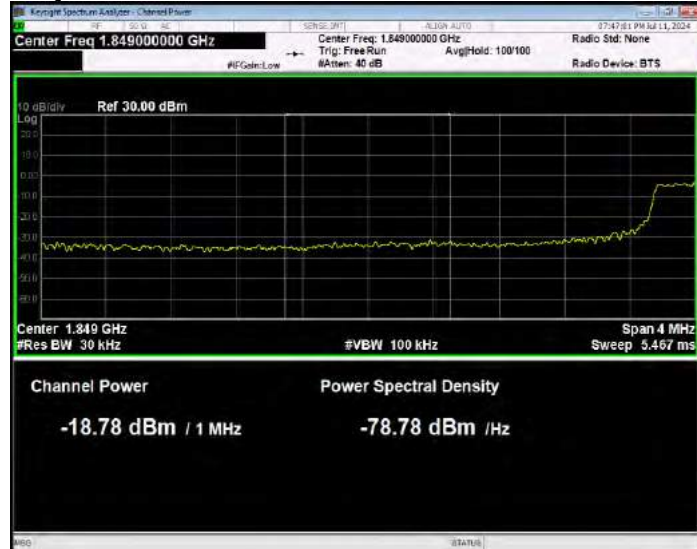
Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#Max Extended



Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#Max Normal



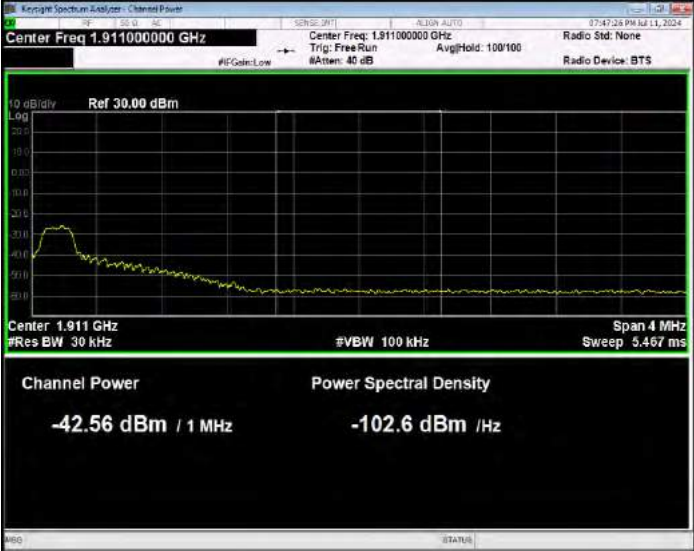
Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0 Extended



Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0 Normal



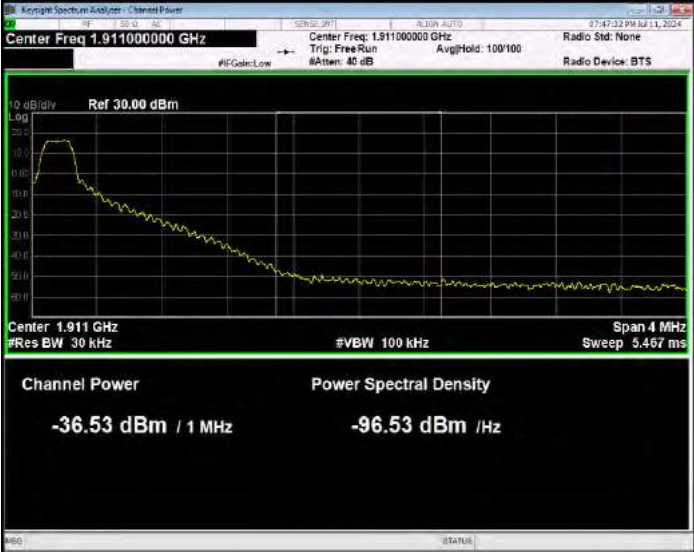
Band2 QPSK BW=15MHz Channel=19125 RB Size=1 Position=#0 Extended



Band2 QPSK BW=15MHz Channel=19125 RB Size=1 Position=#0 Normal



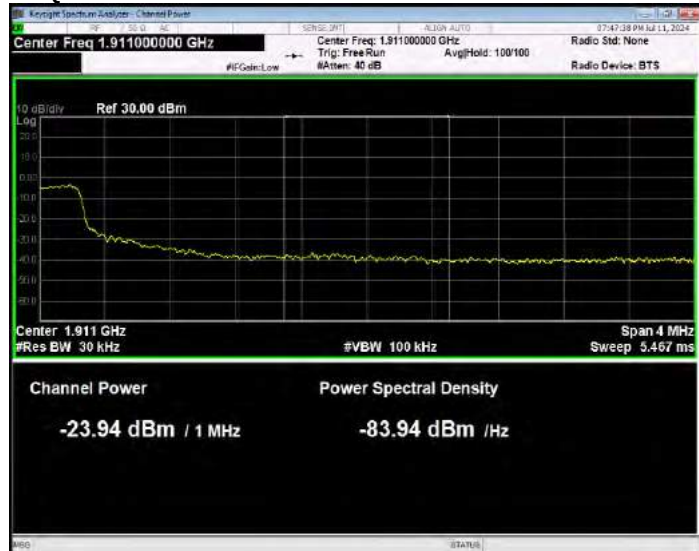
Band2 QPSK BW=15MHz Channel=19125 RB Size=1 Position=#Max Extended



Band2 QPSK BW=15MHz Channel=19125 RB Size=1 Position=#Max Normal



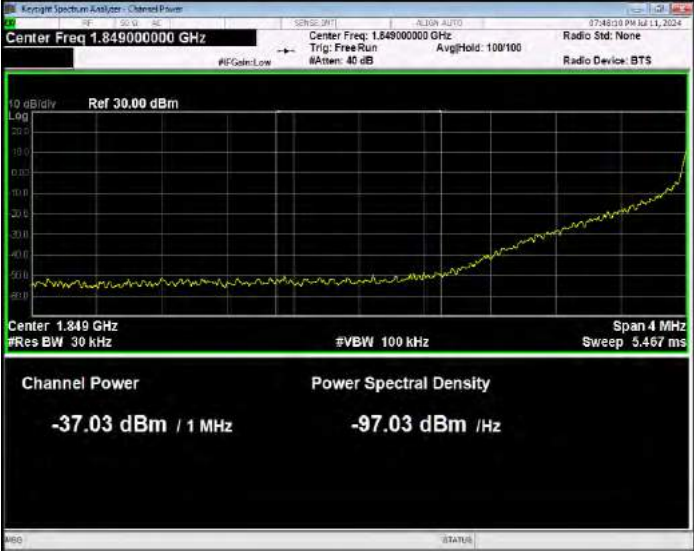
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0 Extended



Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0 Normal



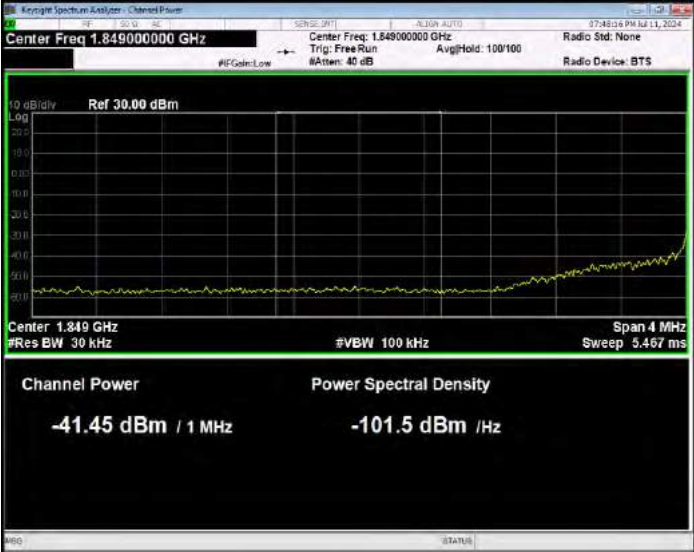
Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#0 Extended



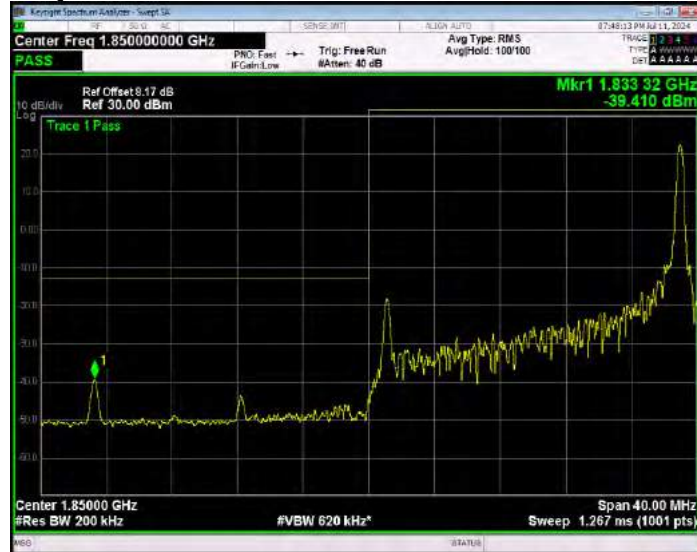
Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#0 Normal



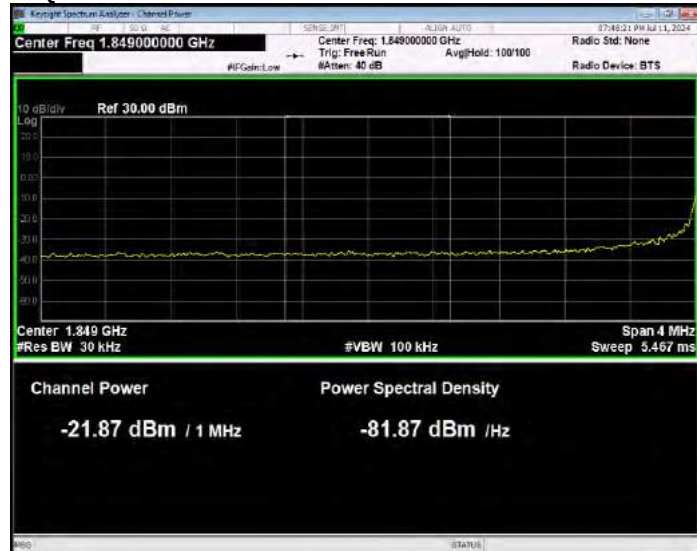
Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#Max Extended



Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#Max Normal



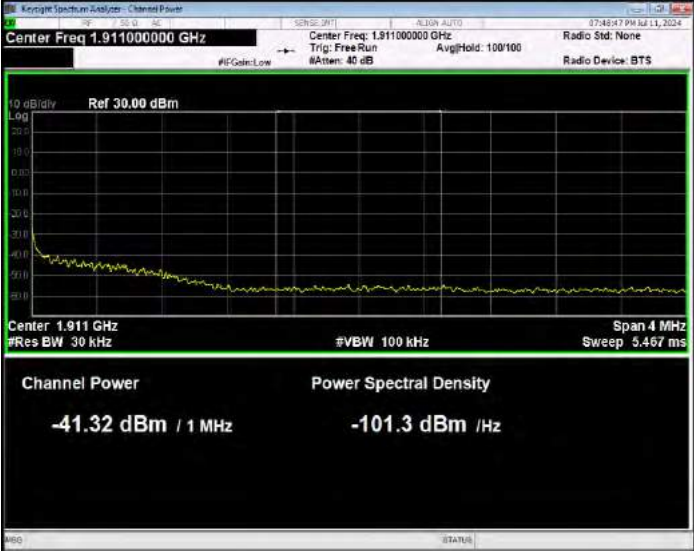
Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0 Extended



Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0 Normal



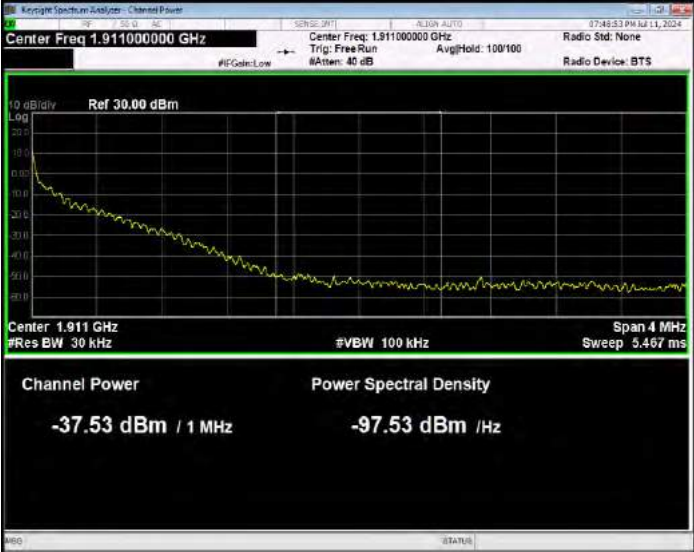
Band2 QPSK BW=20MHz Channel=19100 RB Size=1 Position=#0 Extended



Band2 QPSK BW=20MHz Channel=19100 RB Size=1 Position=#0 Normal



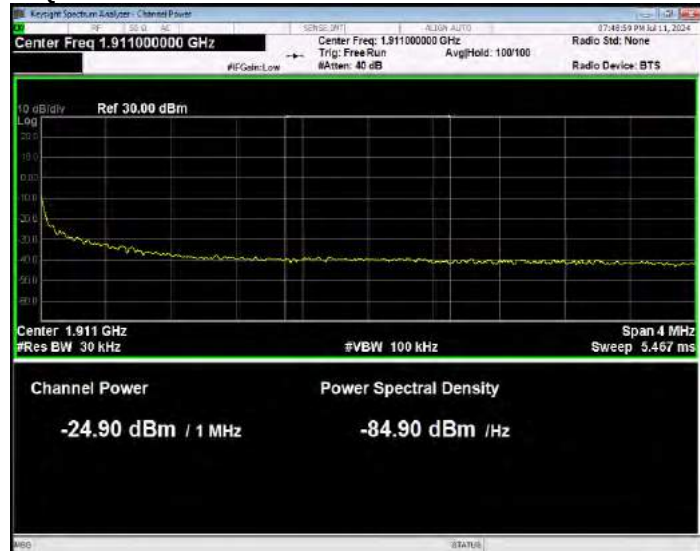
Band2 QPSK BW=20MHz Channel=19100 RB Size=1 Position=#Max Extended



Band2 QPSK BW=20MHz Channel=19100 RB Size=1 Position=#Max Normal



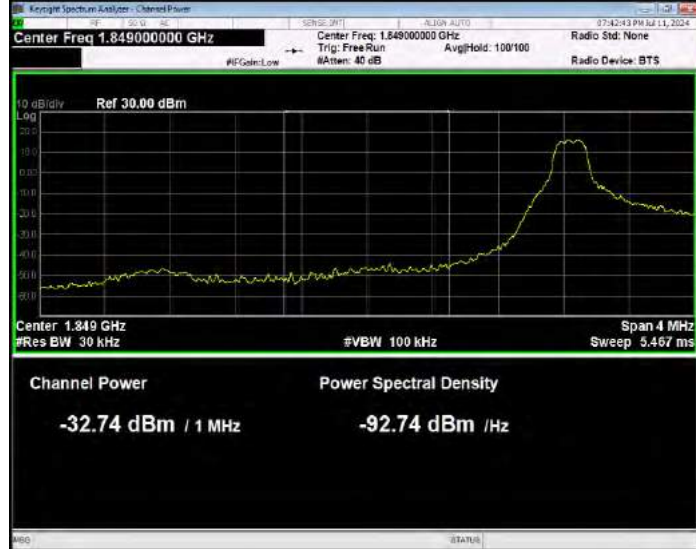
Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0 Extended



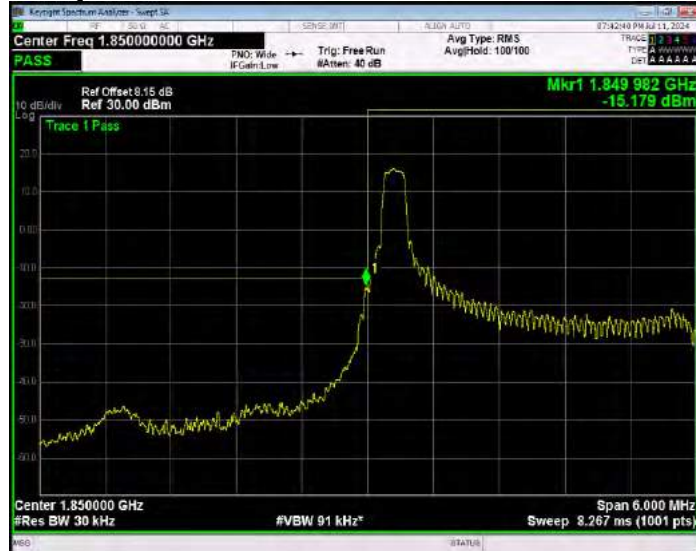
Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0 Normal



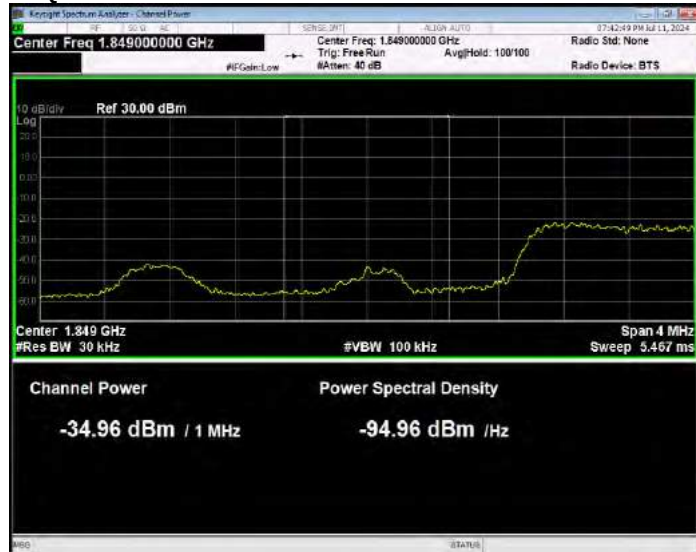
Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0 Extended



Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0 Normal



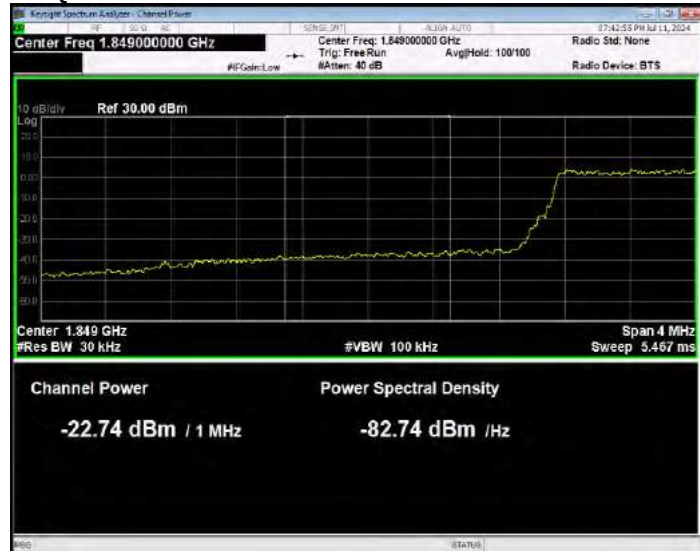
Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#Max Extended



Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#Max Normal



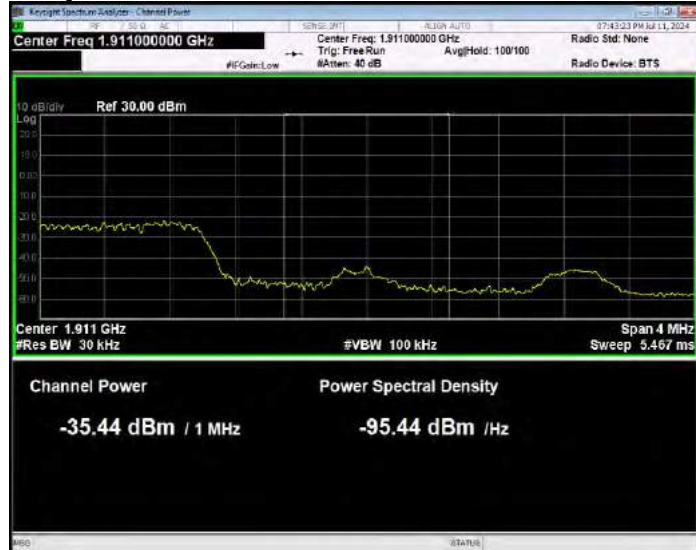
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0 Extended



Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0 Normal



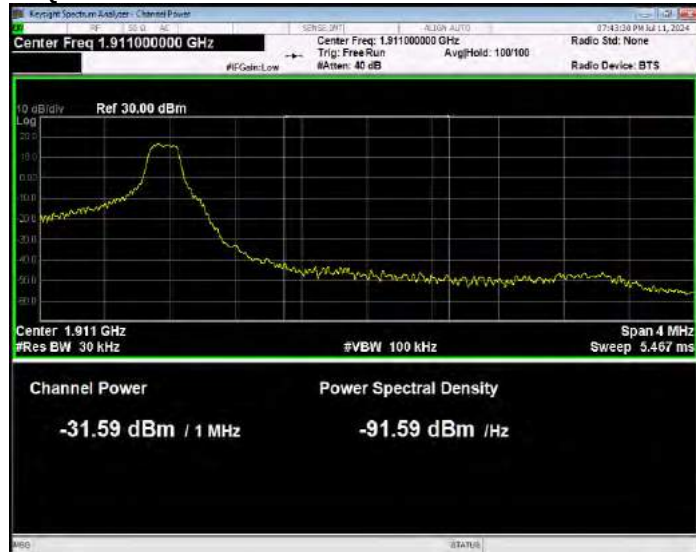
Band2 QPSK BW=3MHz Channel=19185 RB Size=1 Position=#0 Extended



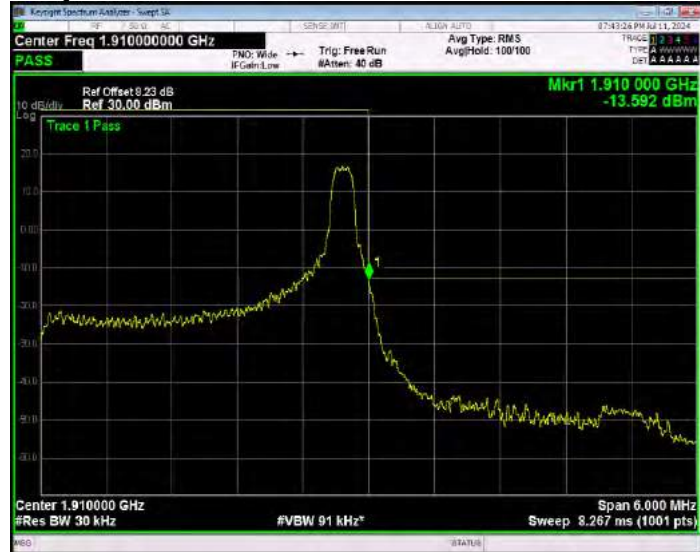
Band2 QPSK BW=3MHz Channel=19185 RB Size=1 Position=#0 Normal



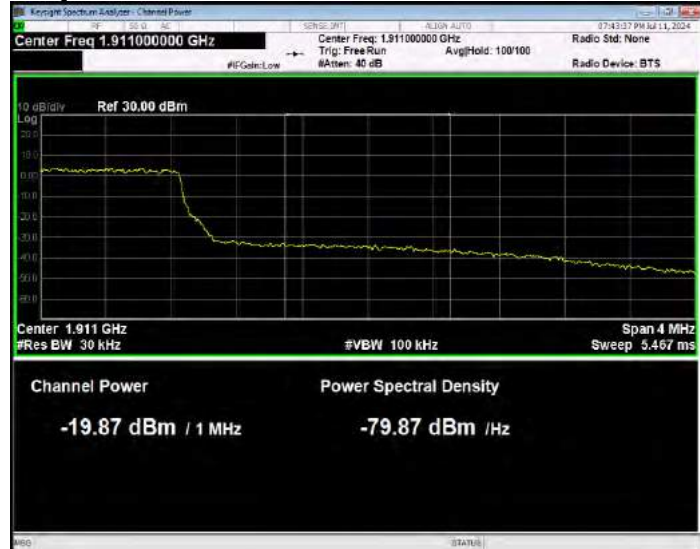
Band2 QPSK BW=3MHz Channel=19185 RB Size=1 Position=#Max Extended



Band2 QPSK BW=3MHz Channel=19185 RB Size=1 Position=#Max Normal



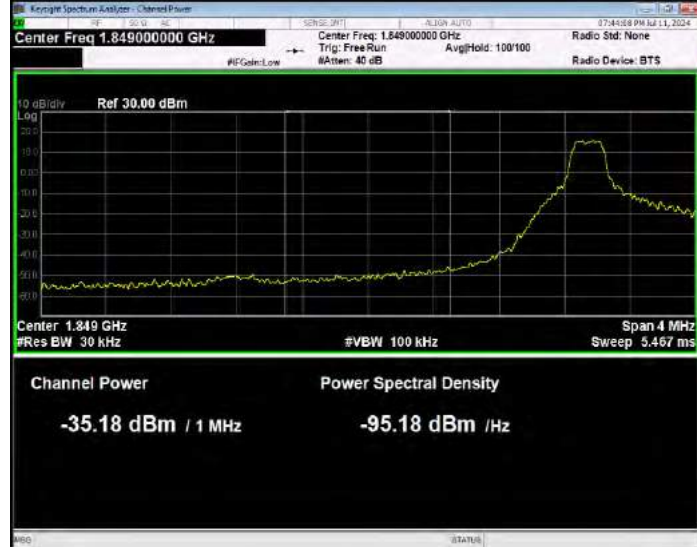
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0 Extended



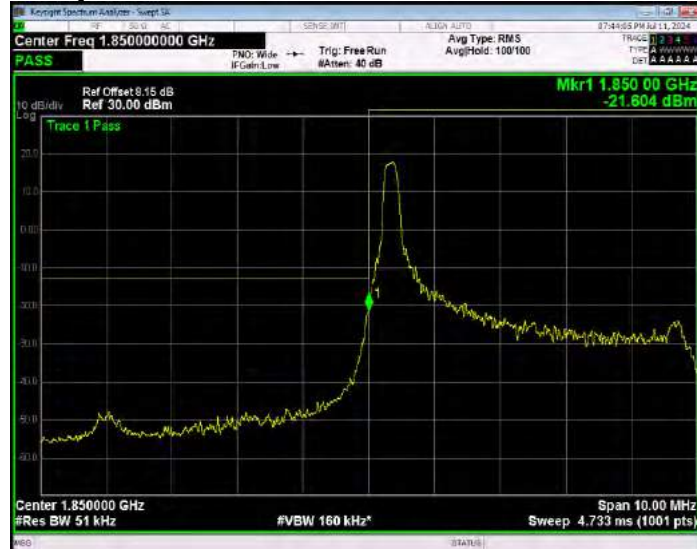
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0 Normal



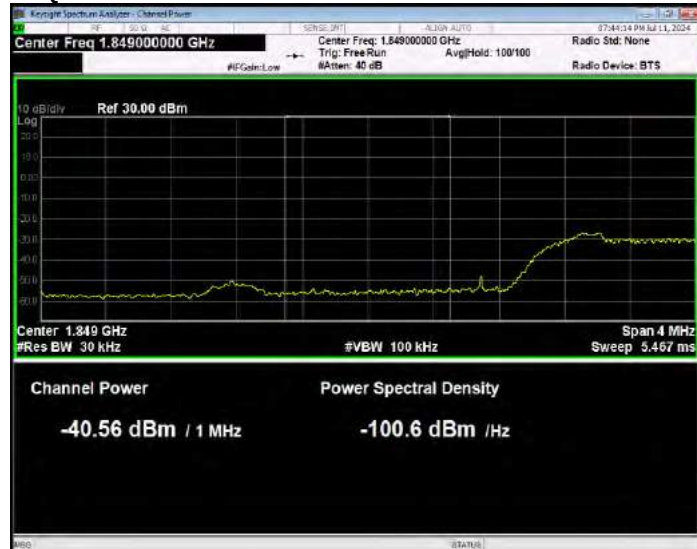
Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#0 Extended



Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#0 Normal



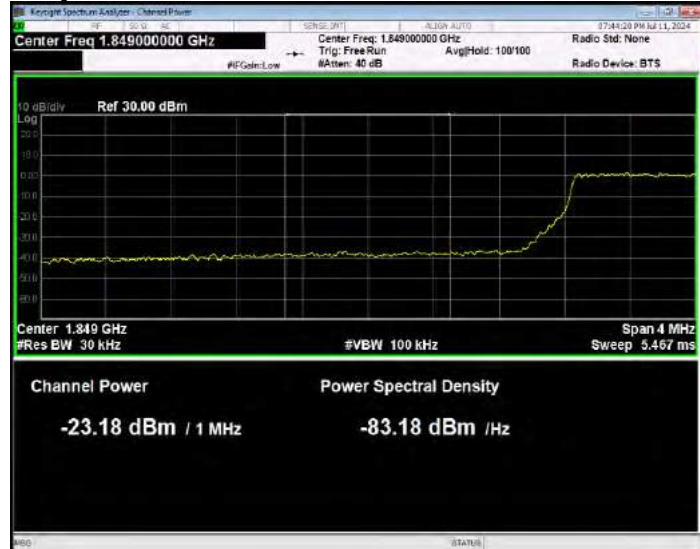
Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#Max Extended



Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#Max Normal



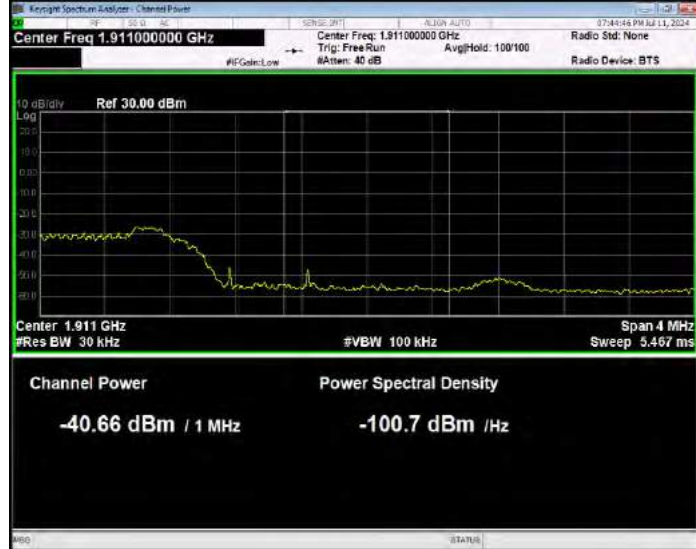
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0 Extended



Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0 Normal



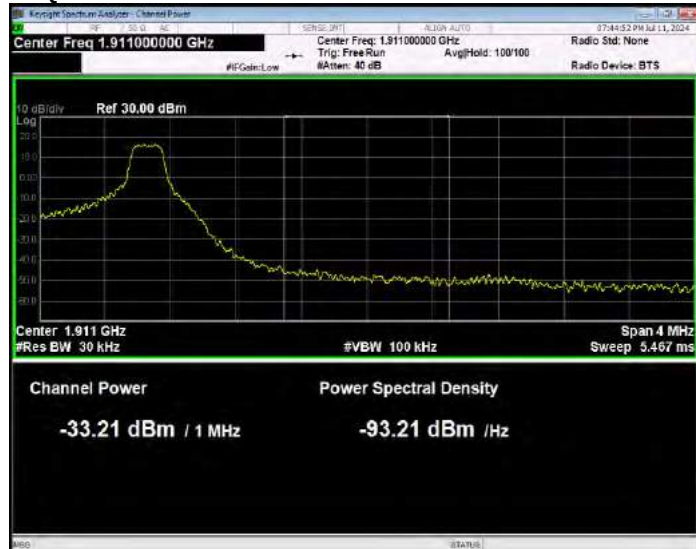
Band2 QPSK BW=5MHz Channel=19175 RB Size=1 Position=#0 Extended



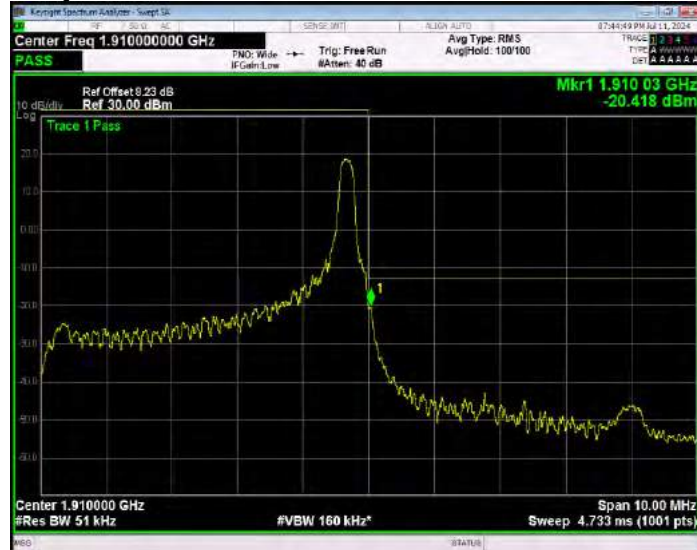
Band2 QPSK BW=5MHz Channel=19175 RB Size=1 Position=#0 Normal



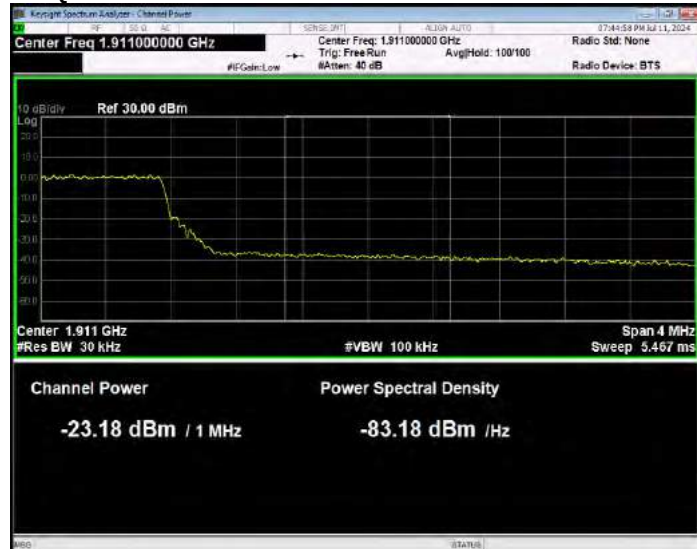
Band2 QPSK BW=5MHz Channel=19175 RB Size=1 Position=#Max Extended



Band2 QPSK BW=5MHz Channel=19175 RB Size=1 Position=#Max Normal



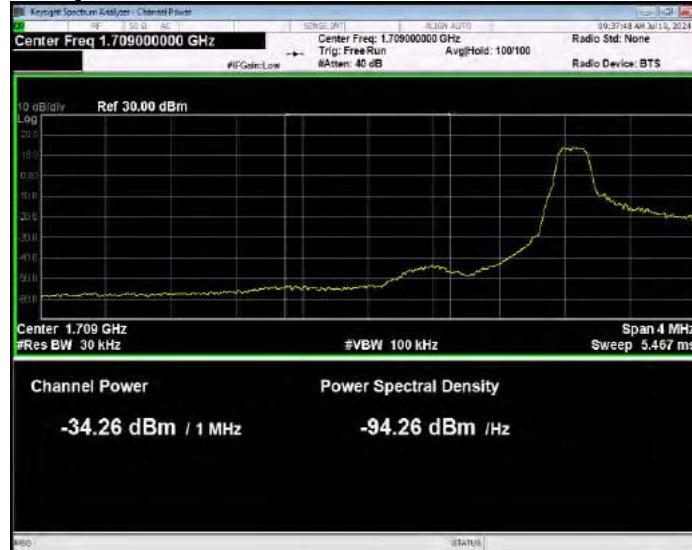
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0 Extended



Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0 Normal



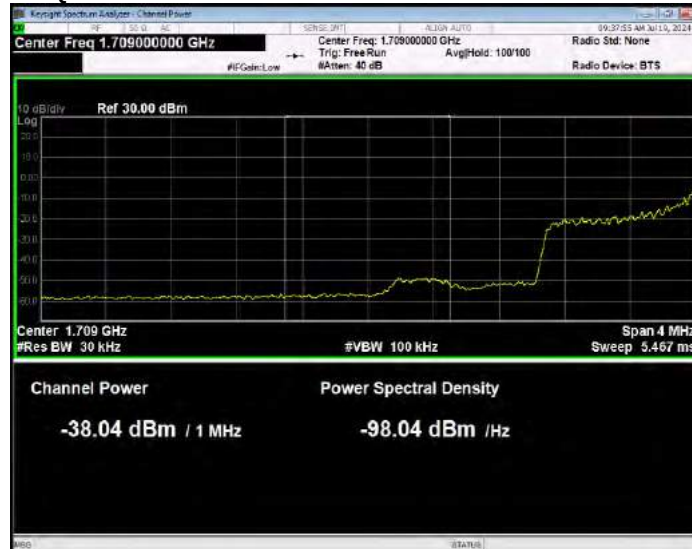
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=1 Position=#0 Extended



Band4 16QAM BW=1.4MHz Channel=19957 RB Size=1 Position=#0 Normal



Band4 16QAM BW=1.4MHz Channel=19957 RB Size=1 Position=#Max Extended



Band4 16QAM BW=1.4MHz Channel=19957 RB Size=1 Position=#Max Normal



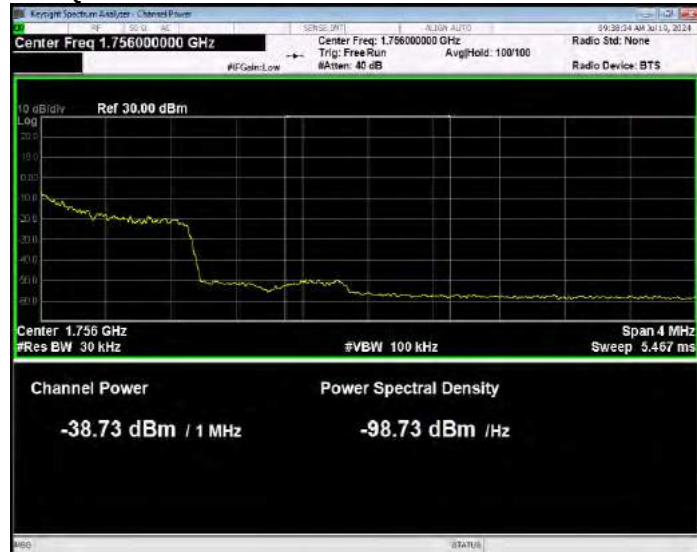
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0 Extended



Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0 Normal



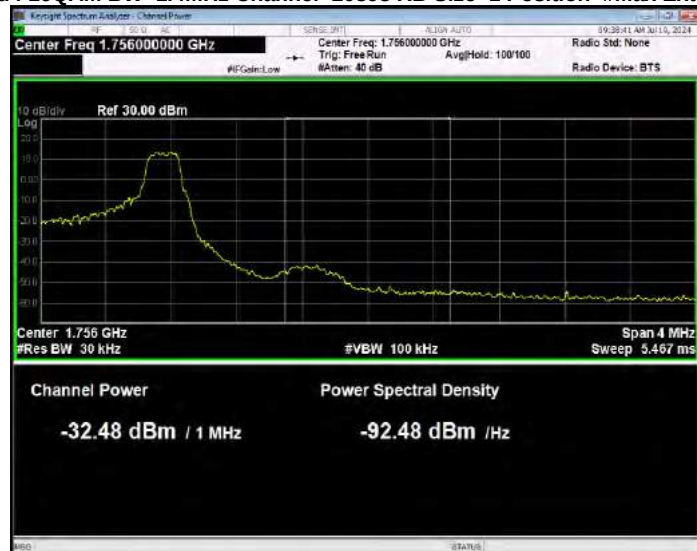
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=1 Position=#0 Extended



Band4 16QAM BW=1.4MHz Channel=20393 RB Size=1 Position=#0 Normal



Band4 16QAM BW=1.4MHz Channel=20393 RB Size=1 Position=#Max Extended



Band4 16QAM BW=1.4MHz Channel=20393 RB Size=1 Position=#Max Normal



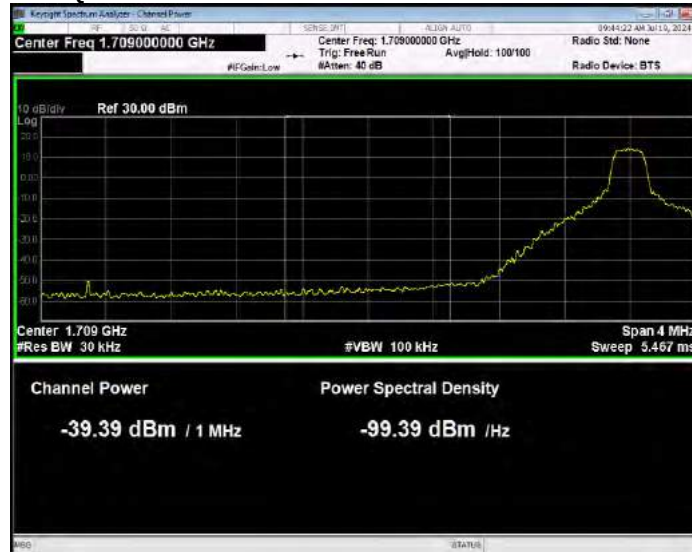
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0 Extended



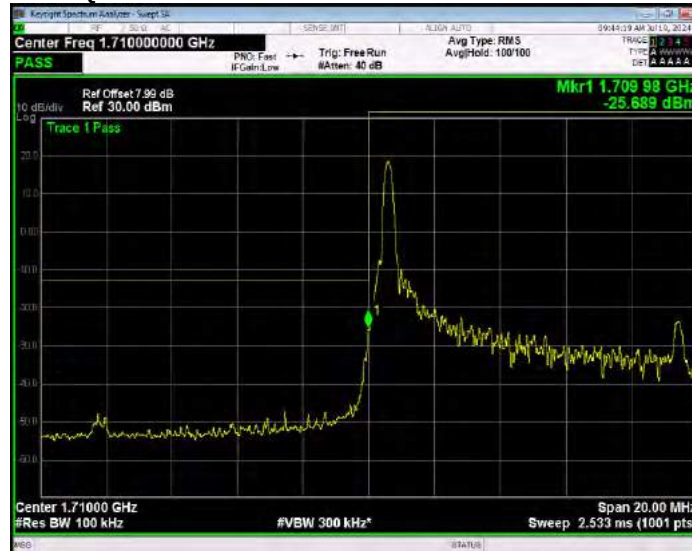
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0 Normal



Band4 16QAM BW=10MHz Channel=20000 RB Size=1 Position=#0 Extended



Band4 16QAM BW=10MHz Channel=20000 RB Size=1 Position=#0 Normal



Band4 16QAM BW=10MHz Channel=20000 RB Size=1 Position=#Max Extended



Band4 16QAM BW=10MHz Channel=20000 RB Size=1 Position=#Max Normal



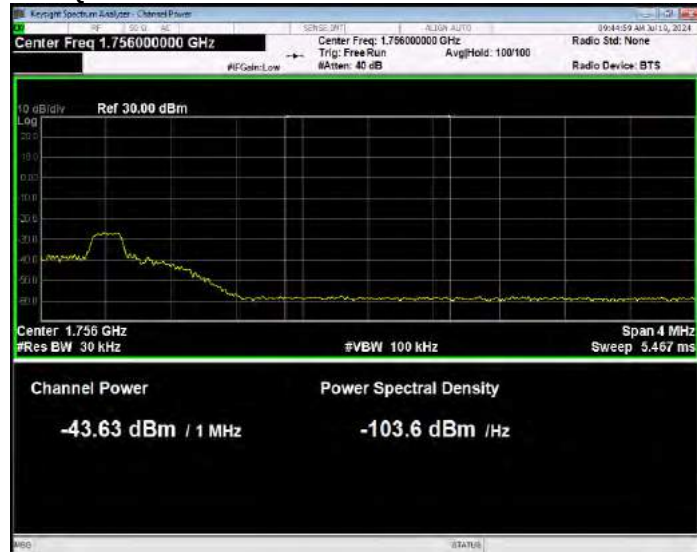
Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0 Extended



Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0 Normal



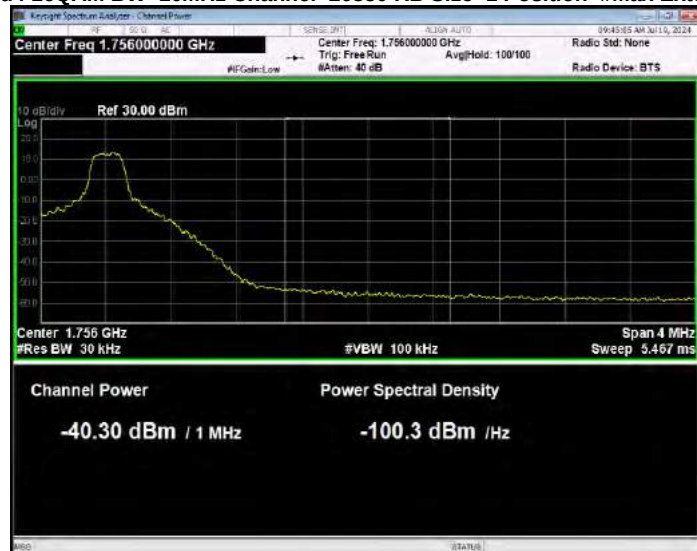
Band4 16QAM BW=10MHz Channel=20350 RB Size=1 Position=#0 Extended



Band4 16QAM BW=10MHz Channel=20350 RB Size=1 Position=#0 Normal



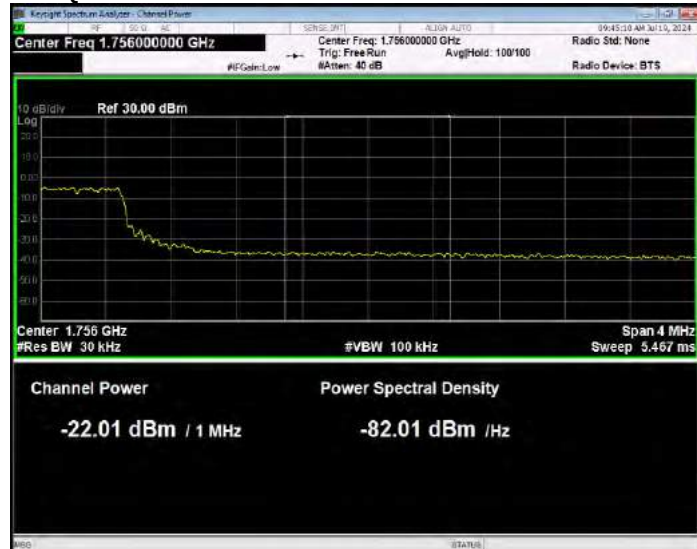
Band4 16QAM BW=10MHz Channel=20350 RB Size=1 Position=#Max Extended



Band4 16QAM BW=10MHz Channel=20350 RB Size=1 Position=#Max Normal



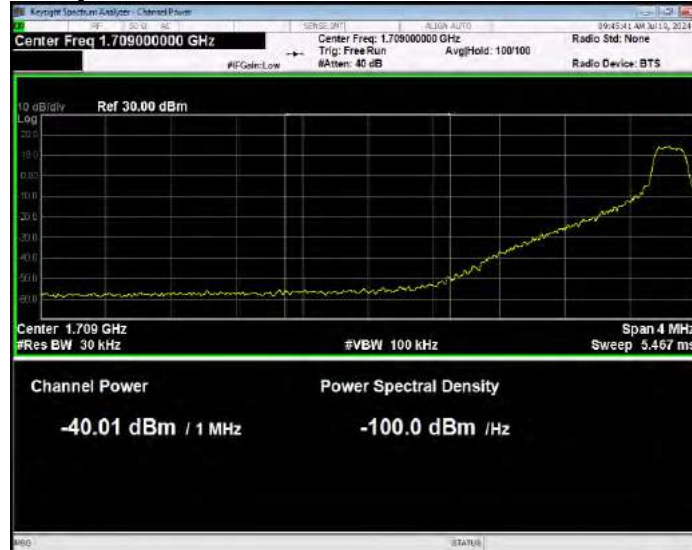
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0 Extended



Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0 Normal



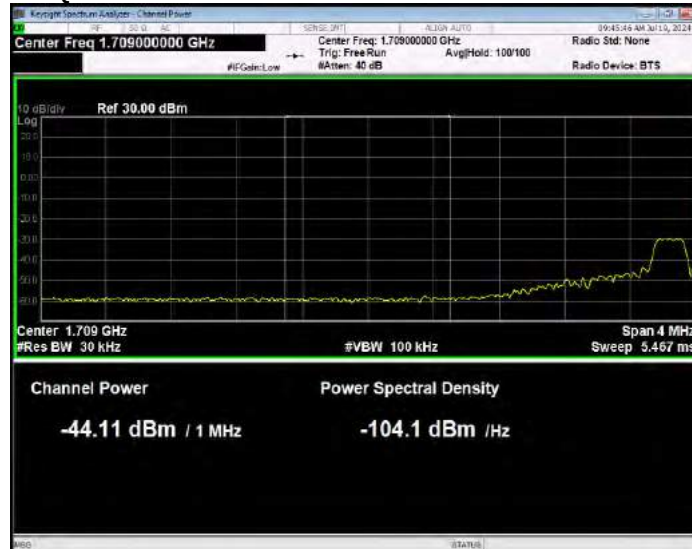
Band4 16QAM BW=15MHz Channel=20025 RB Size=1 Position=#0 Extended



Band4 16QAM BW=15MHz Channel=20025 RB Size=1 Position=#0 Normal



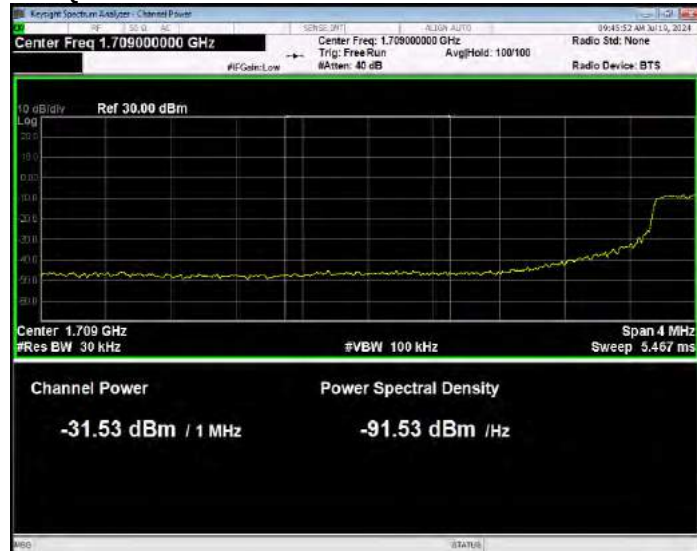
Band4 16QAM BW=15MHz Channel=20025 RB Size=1 Position=#Max Extended



Band4 16QAM BW=15MHz Channel=20025 RB Size=1 Position=#Max Normal



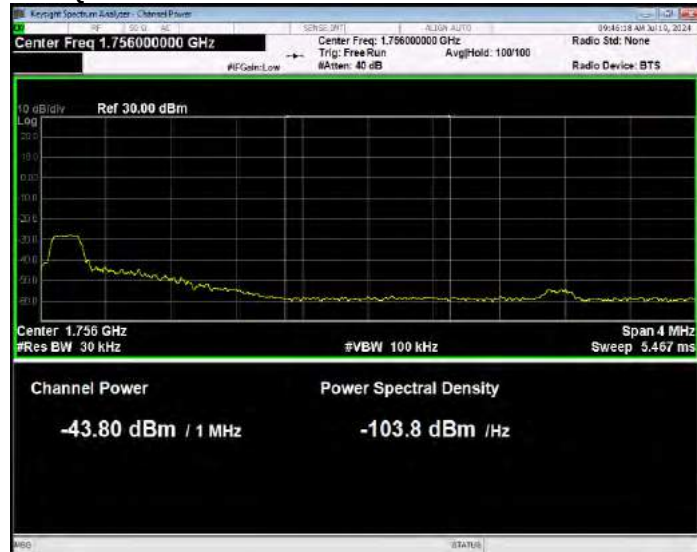
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0 Extended



Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0 Normal



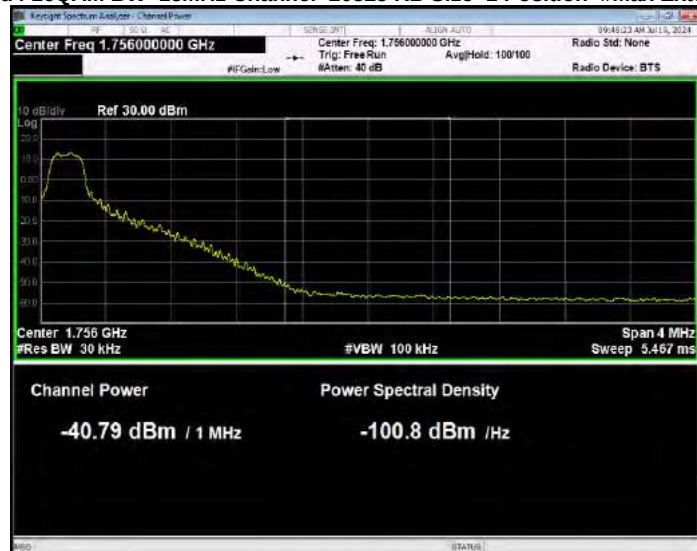
Band4 16QAM BW=15MHz Channel=20325 RB Size=1 Position=#0 Extended



Band4 16QAM BW=15MHz Channel=20325 RB Size=1 Position=#0 Normal



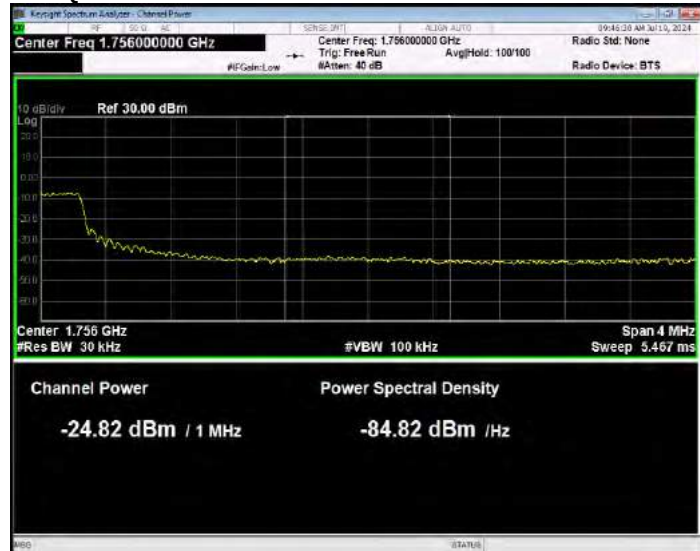
Band4 16QAM BW=15MHz Channel=20325 RB Size=1 Position=#Max Extended



Band4 16QAM BW=15MHz Channel=20325 RB Size=1 Position=#Max Normal



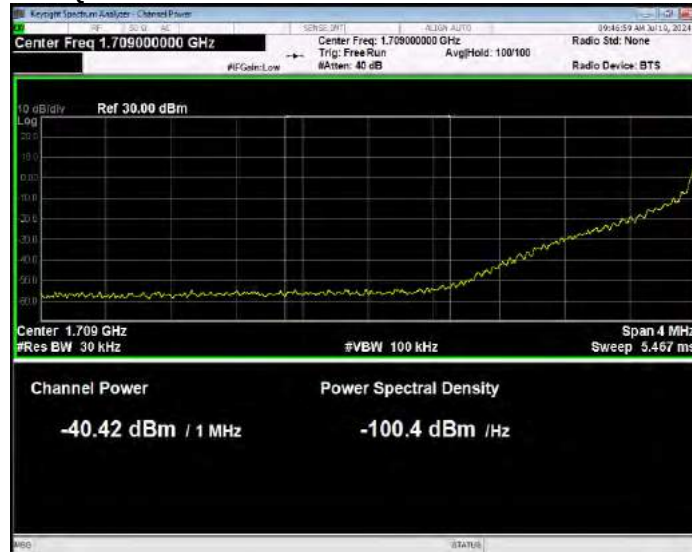
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0 Extended



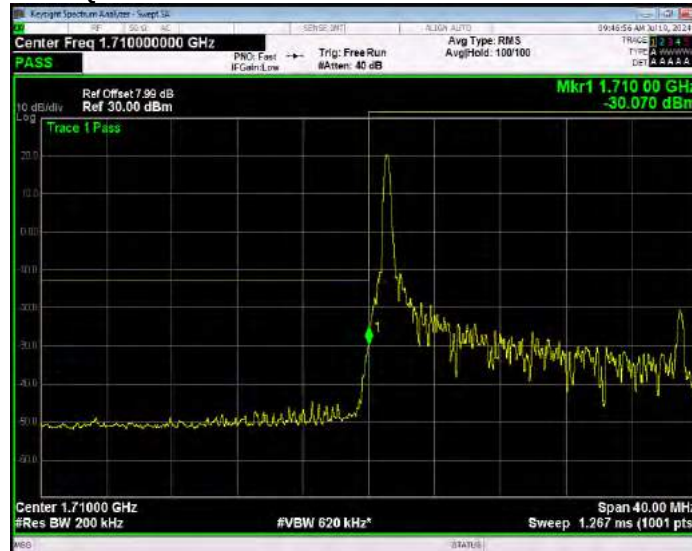
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0 Normal



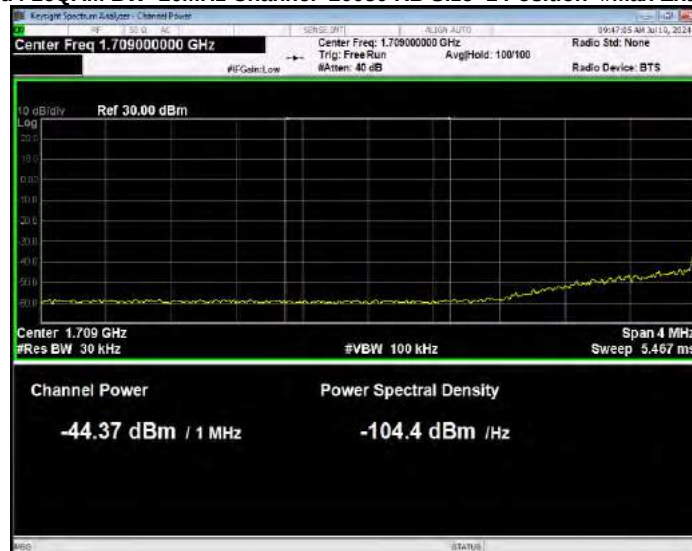
Band4 16QAM BW=20MHz Channel=20050 RB Size=1 Position=#0 Extended



Band4 16QAM BW=20MHz Channel=20050 RB Size=1 Position=#0 Normal



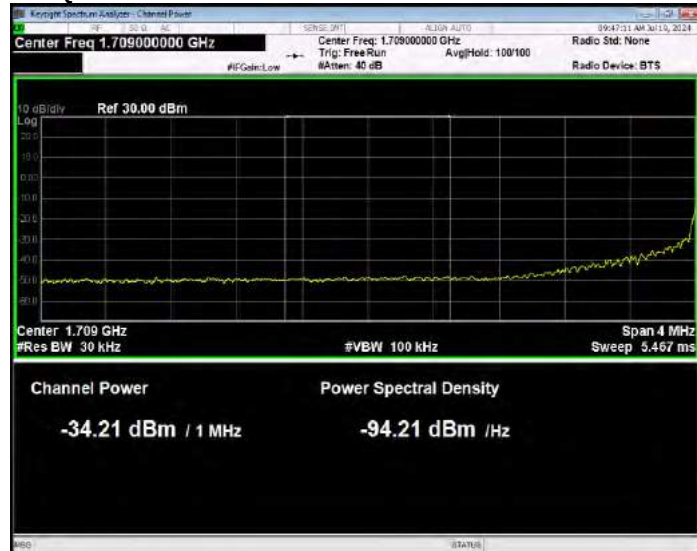
Band4 16QAM BW=20MHz Channel=20050 RB Size=1 Position=#Max Extended



Band4 16QAM BW=20MHz Channel=20050 RB Size=1 Position=#Max Normal



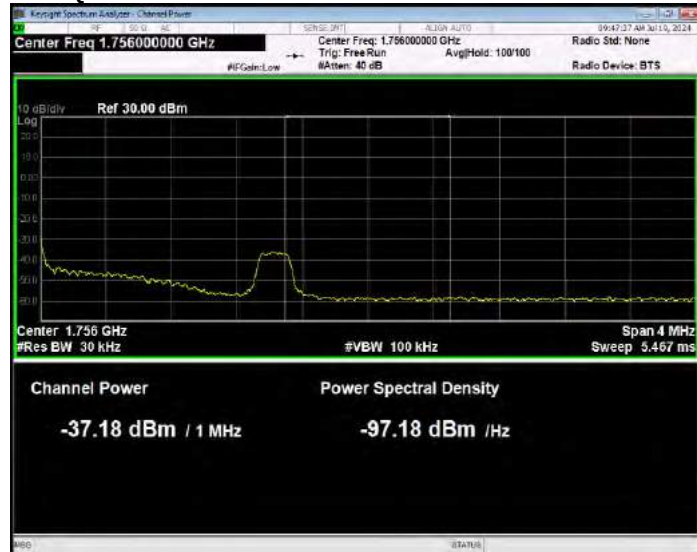
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0 Extended



Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0 Normal



Band4 16QAM BW=20MHz Channel=20300 RB Size=1 Position=#0 Extended



Band4 16QAM BW=20MHz Channel=20300 RB Size=1 Position=#0 Normal



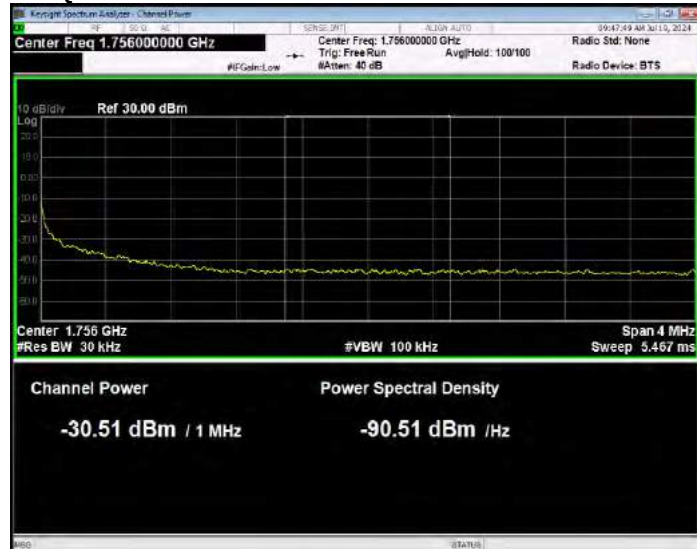
Band4 16QAM BW=20MHz Channel=20300 RB Size=1 Position=#Max Extended



Band4 16QAM BW=20MHz Channel=20300 RB Size=1 Position=#Max Normal



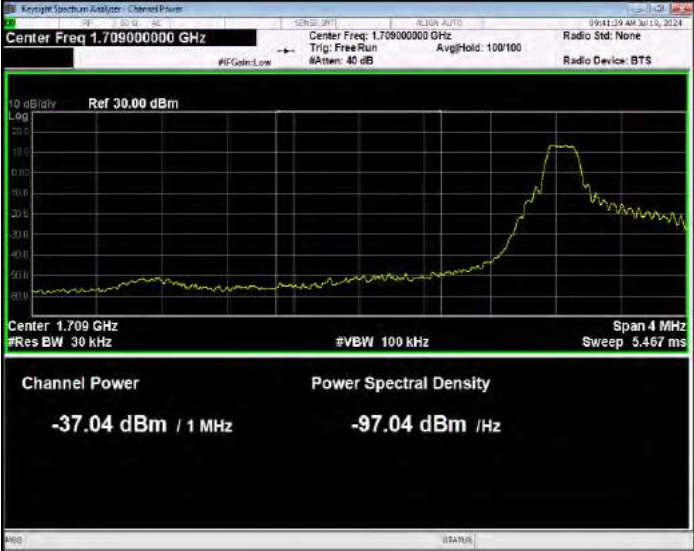
Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0 Extended



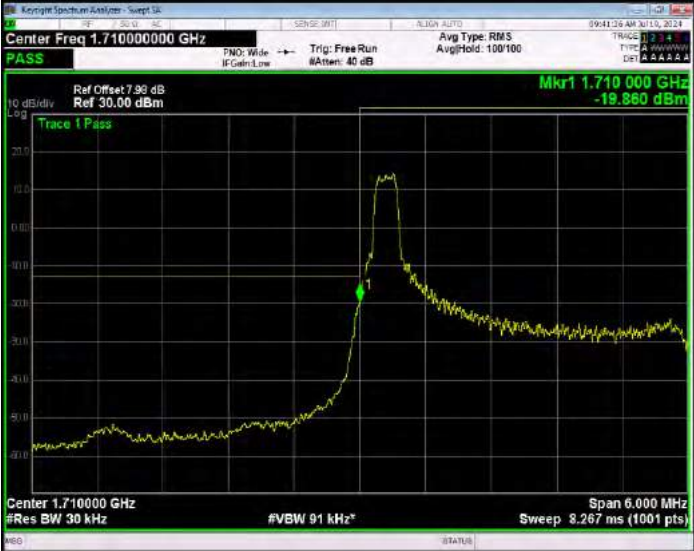
Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0 Normal



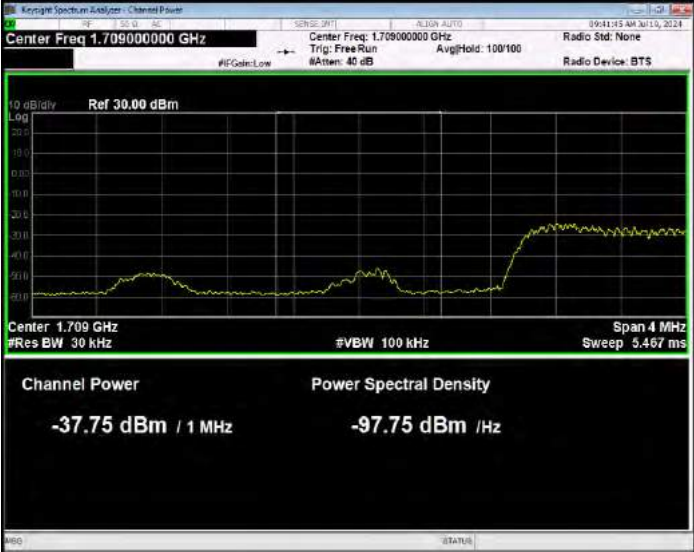
Band4 16QAM BW=3MHz Channel=19965 RB Size=1 Position=#0 Extended



Band4 16QAM BW=3MHz Channel=19965 RB Size=1 Position=#0 Normal



Band4 16QAM BW=3MHz Channel=19965 RB Size=1 Position=#Max Extended



Band4 16QAM BW=3MHz Channel=19965 RB Size=1 Position=#Max Normal



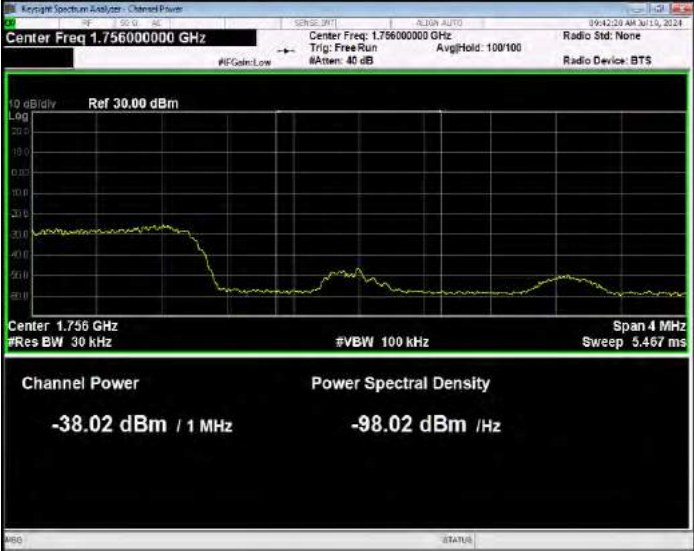
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0 Extended



Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0 Normal



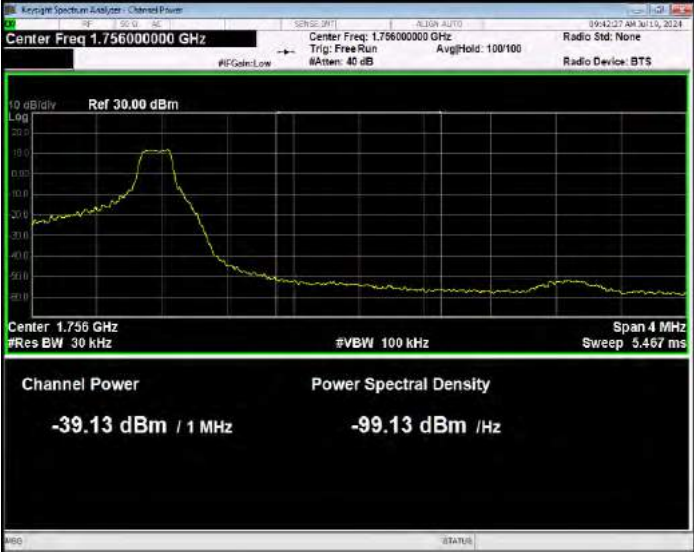
Band4 16QAM BW=3MHz Channel=20385 RB Size=1 Position=#0 Extended



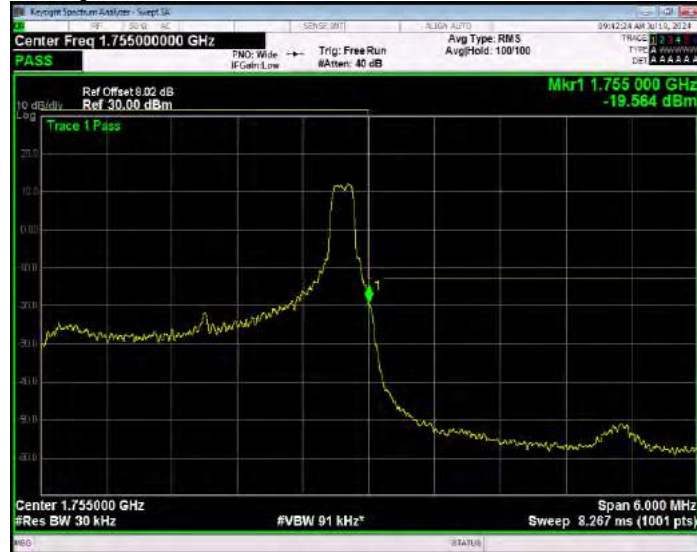
Band4 16QAM BW=3MHz Channel=20385 RB Size=1 Position=#0 Normal



Band4 16QAM BW=3MHz Channel=20385 RB Size=1 Position=#Max Extended



Band4 16QAM BW=3MHz Channel=20385 RB Size=1 Position=#Max Normal



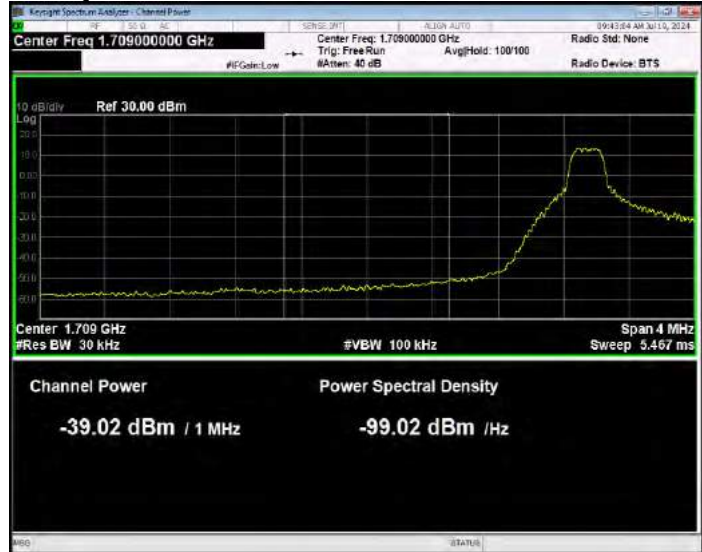
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0 Extended



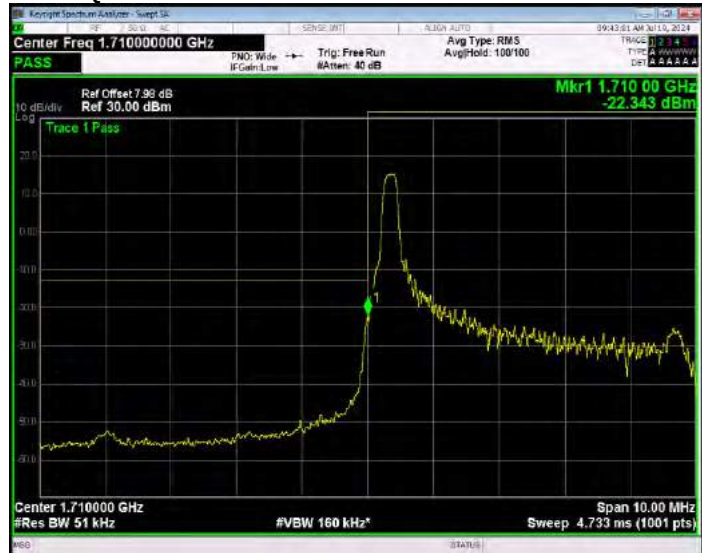
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0 Normal



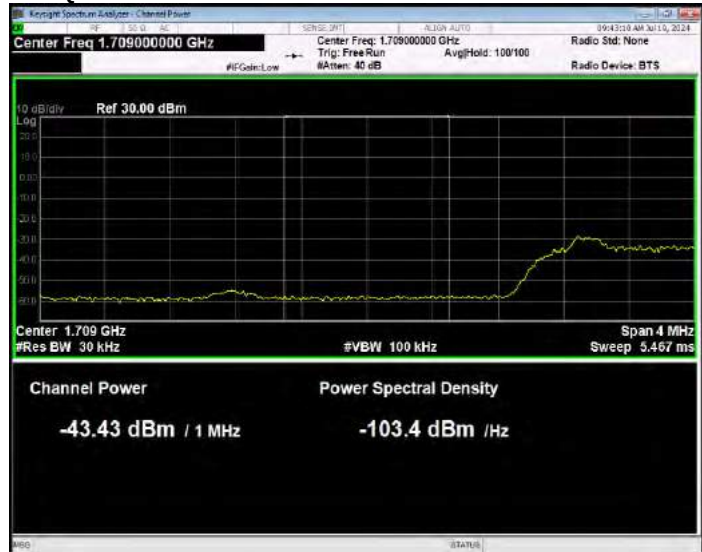
Band4 16QAM BW=5MHz Channel=19975 RB Size=1 Position=#0 Extended



Band4 16QAM BW=5MHz Channel=19975 RB Size=1 Position=#0 Normal



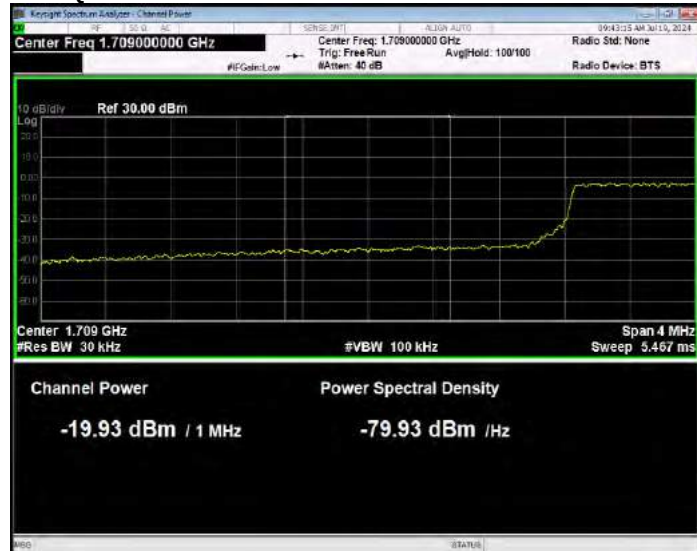
Band4 16QAM BW=5MHz Channel=19975 RB Size=1 Position=#Max Extended



Band4 16QAM BW=5MHz Channel=19975 RB Size=1 Position=#Max Normal



Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0 Extended



Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0 Normal



Keysight Spectrum Analyzer Channel Power

Center Freq 1.756000000 GHz

Radio Std: None

Radio Device: BTS

Center Freq: 1.756000000 GHz

Trig: Free Run

Avg/Hold: 100/100

#Attenu: 40 dB

#FCenterLow

10 dB/div Ref 30.00 dBm

Center 1.756 GHz

#Res BW 30 kHz

#VBW 100 kHz

Span 4 MHz

Sweep 5.467 ms

Channel Power

Power Spectral Density

-43.42 dBm / 1 MHz

-103.4 dBm / Hz

KeySight Spectral Analyzer - Setup 32

Center Freq 1.75500000 GHz

PASS

PNO: Wide
IF Gain: Low

Trig: Free Run
#Atten: 40 dB

Avg Type: RMS
Avg/Hold: 100/100

9/9/2018 AM 10:10, 2024

Trace 1: 1
Type: Average
Det: Peak

Mkr1 1.755 03 GHz
-42.620 dBm

10 dB/div
Log

Trace 1 Pass

Ref Offset 8.02 dB
Ref 30.00 dBm

Center 1.755000 GHz
#Res BW 51 kHz
#VBW 160 kHz*

Span 10.00 MHz
Sweep 4.733 ms (1001 pts)

VIDEO

STATUS

Keysight Spectrum Analyzer - Channel Power

Center Freq 1.756000000 GHz

Center Freq: 1.756000000 GHz
 Trig: Free Run
 #Atten: 40 dB

Radio Std: None
 Radio Device: BTS

10 dB/div Ref 30.00 dBm

Log

Center 1.756 GHz
 #Res BW 30 kHz

#VBW 100 kHz

Span 4 MHz
 Sweep 5.467 ms

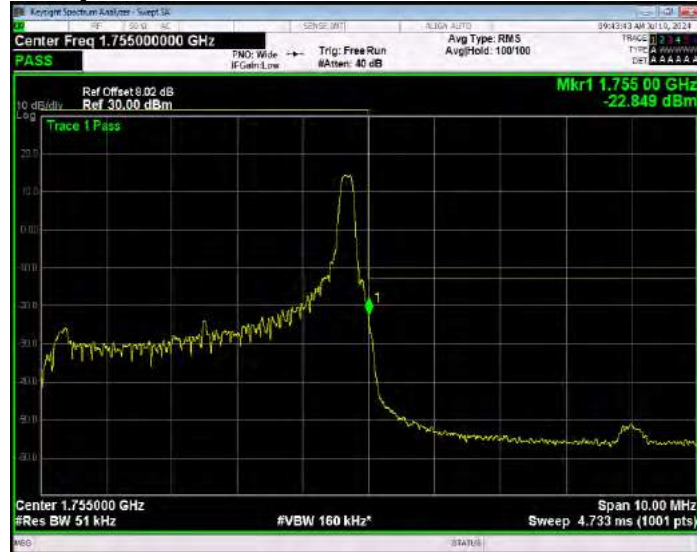
Channel Power

Power Spectral Density

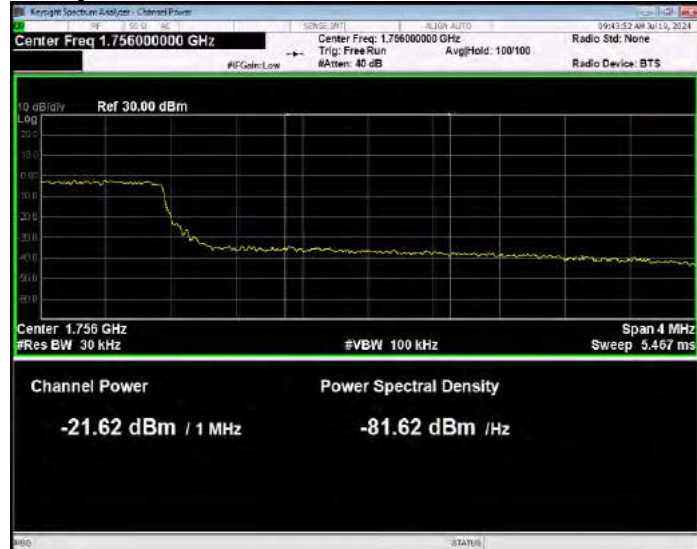
-39.84 dBm / 1 MHz

-99.84 dBm / Hz

Band4 16QAM BW=5MHz Channel=20375 RB Size=1 Position=#Max Normal



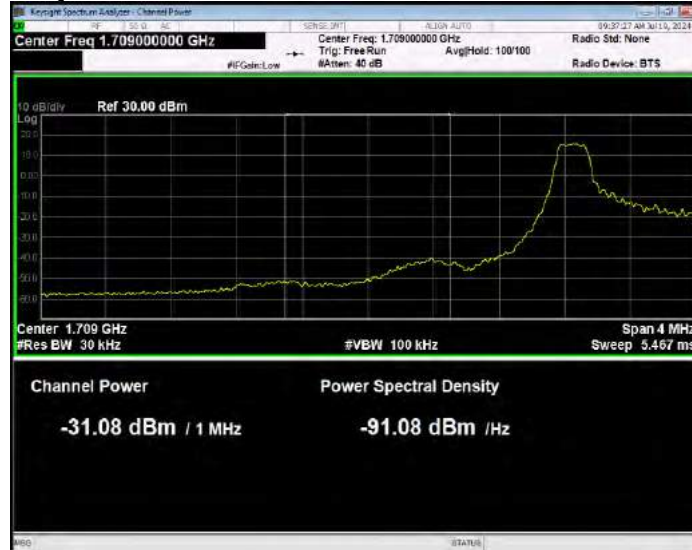
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0 Extended



Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0 Normal



Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0 Extended



Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0 Normal



Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#Max Extended



Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#Max Normal



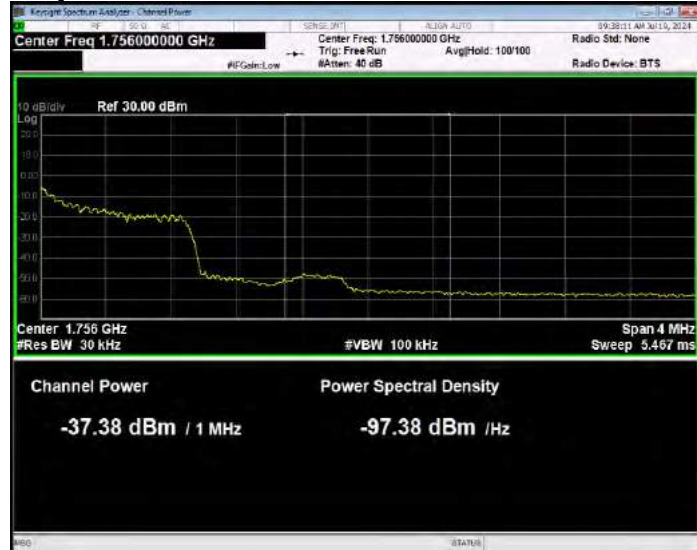
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0 Extended



Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0 Normal



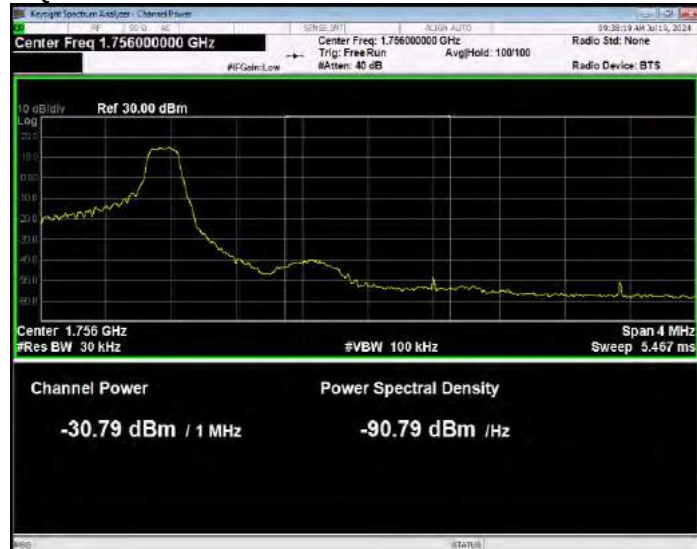
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#0 Extended



Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#0 Normal



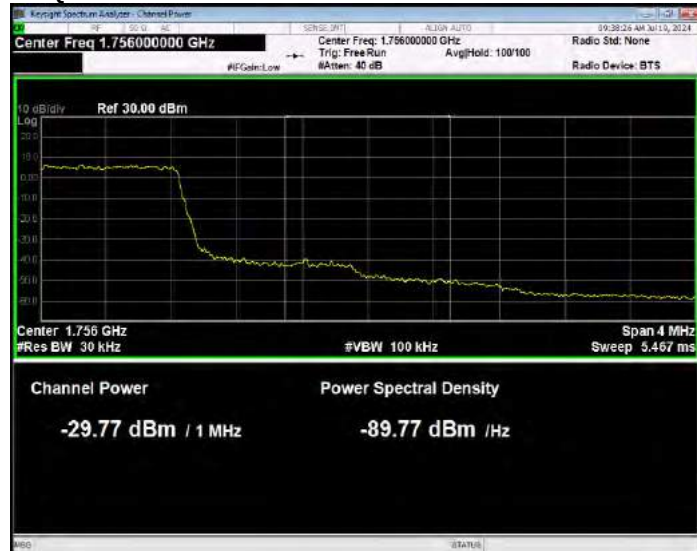
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#Max Extended



Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#Max Normal



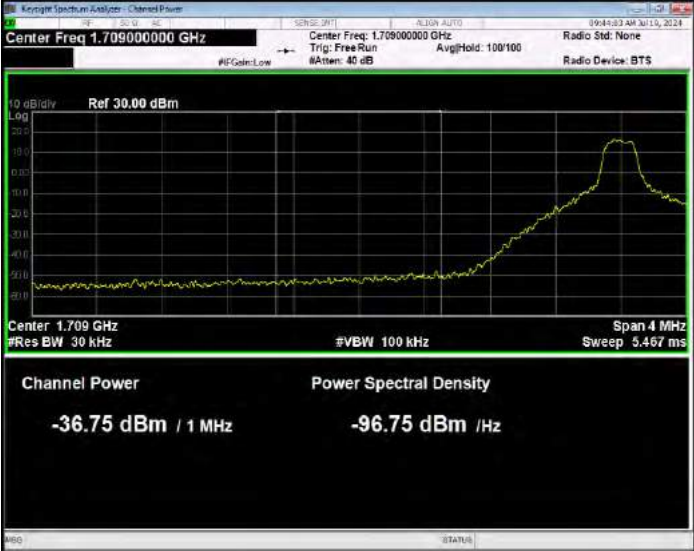
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0 Extended



Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0 Normal



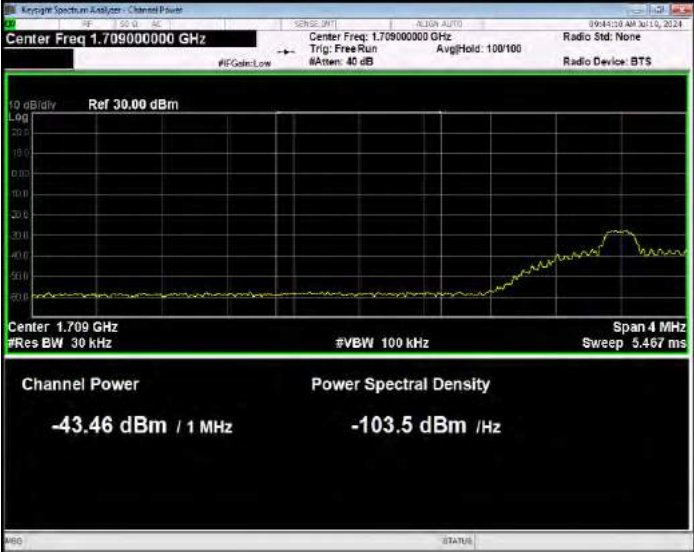
Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0 Extended



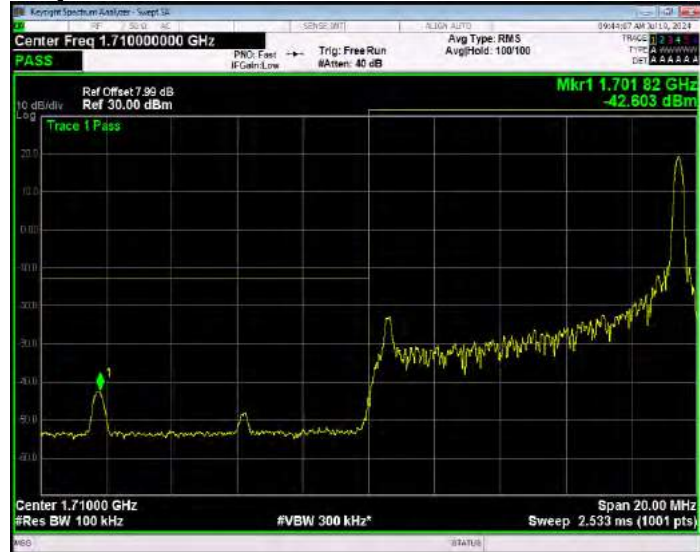
Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0 Normal



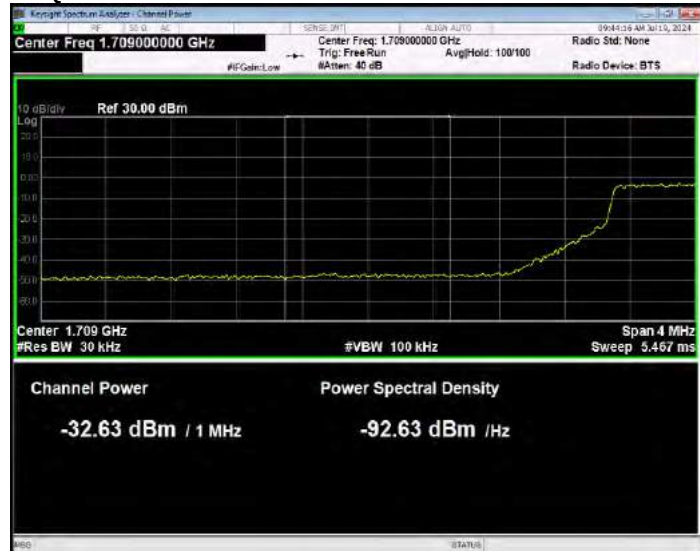
Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#Max Extended



Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#Max Normal



Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0 Extended



Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0 Normal

