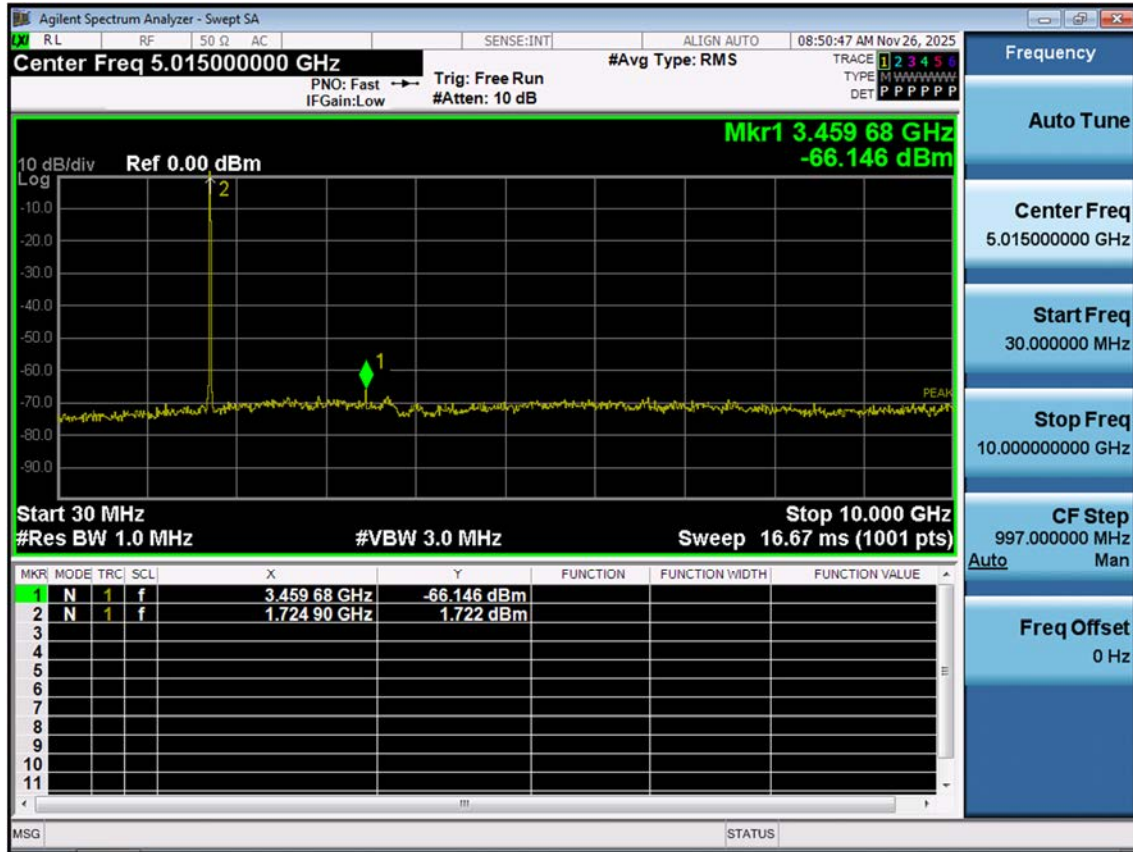
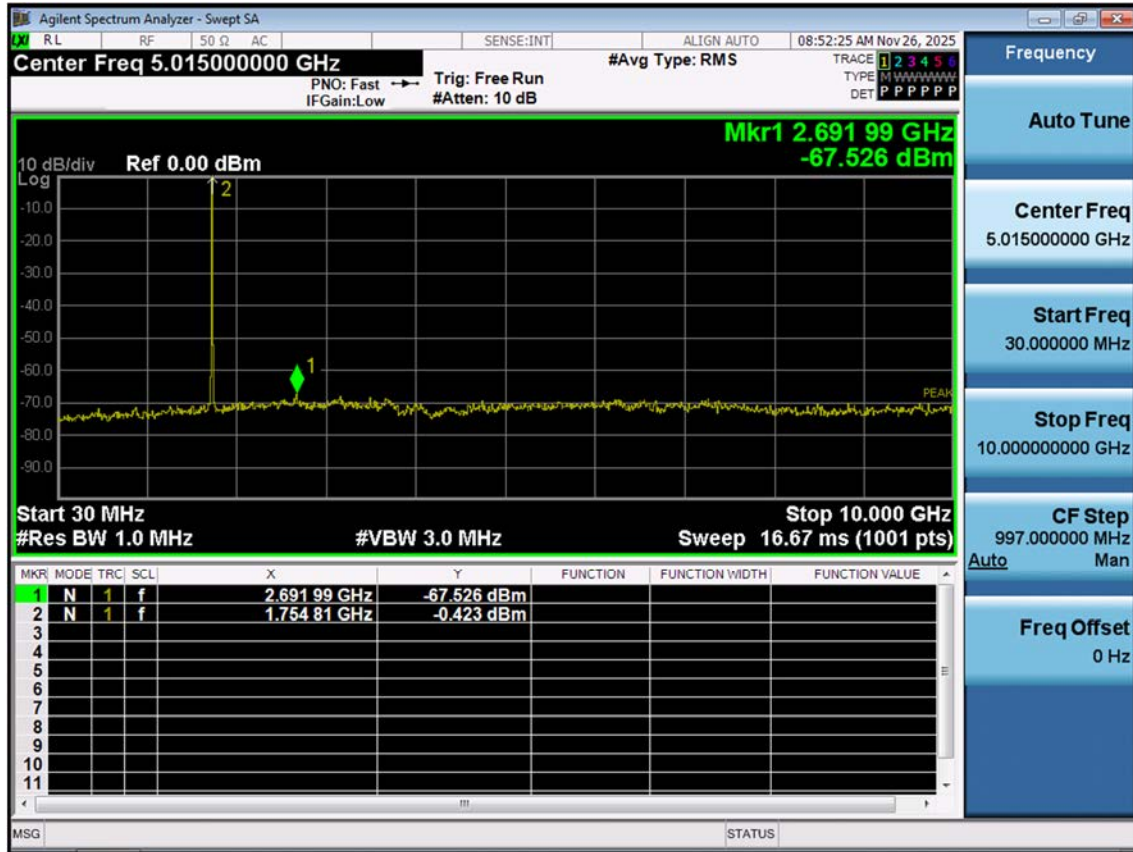


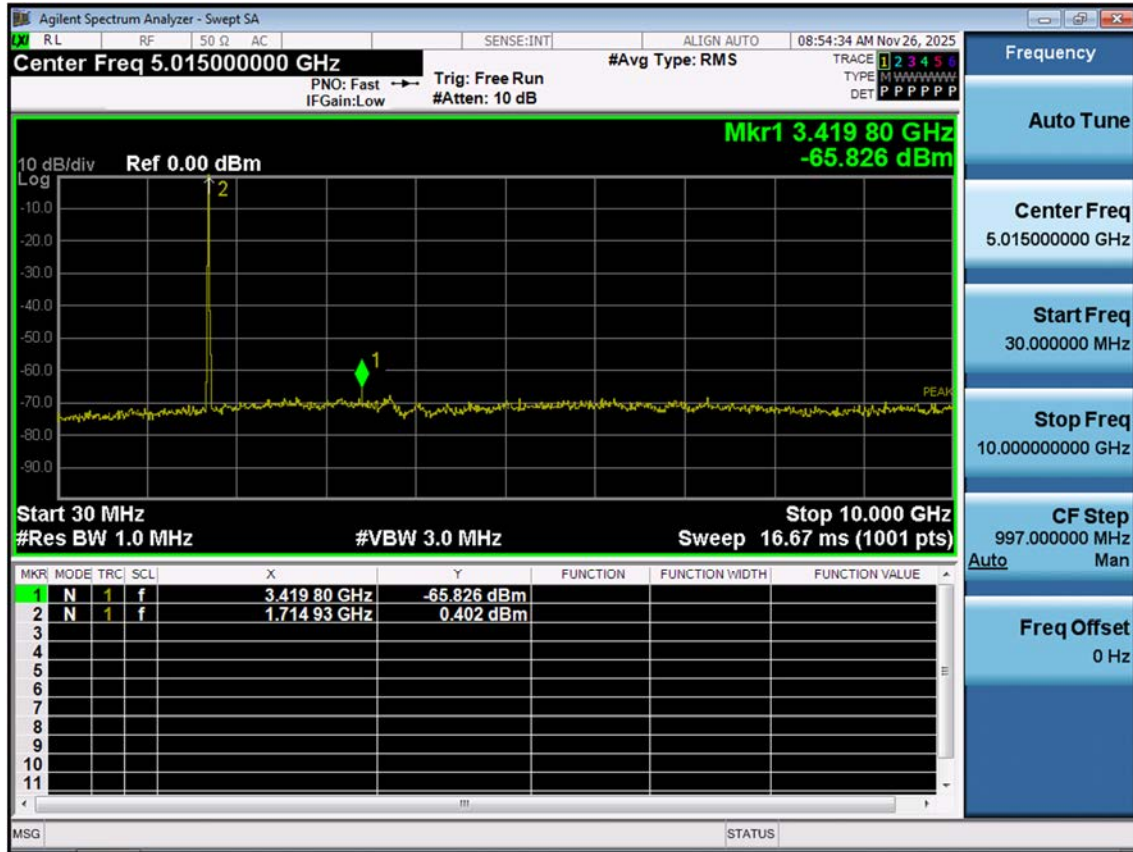
LTE B4_10 M_Conducted Spurious Emissions(30 M-10 G)_Mid_QPSK_1RB



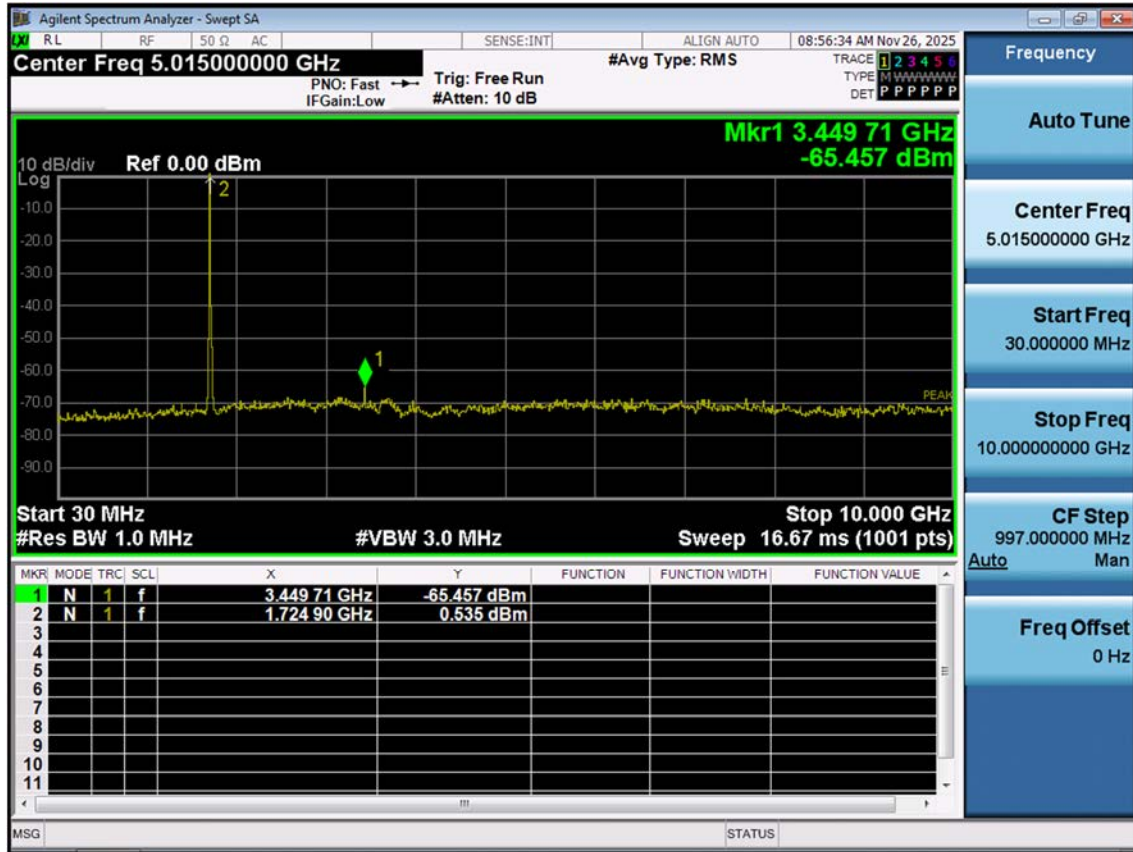
LTE B4_10 M_Conducted Spurious Emissions(30 M-10 G)_High_QPSK_1RB



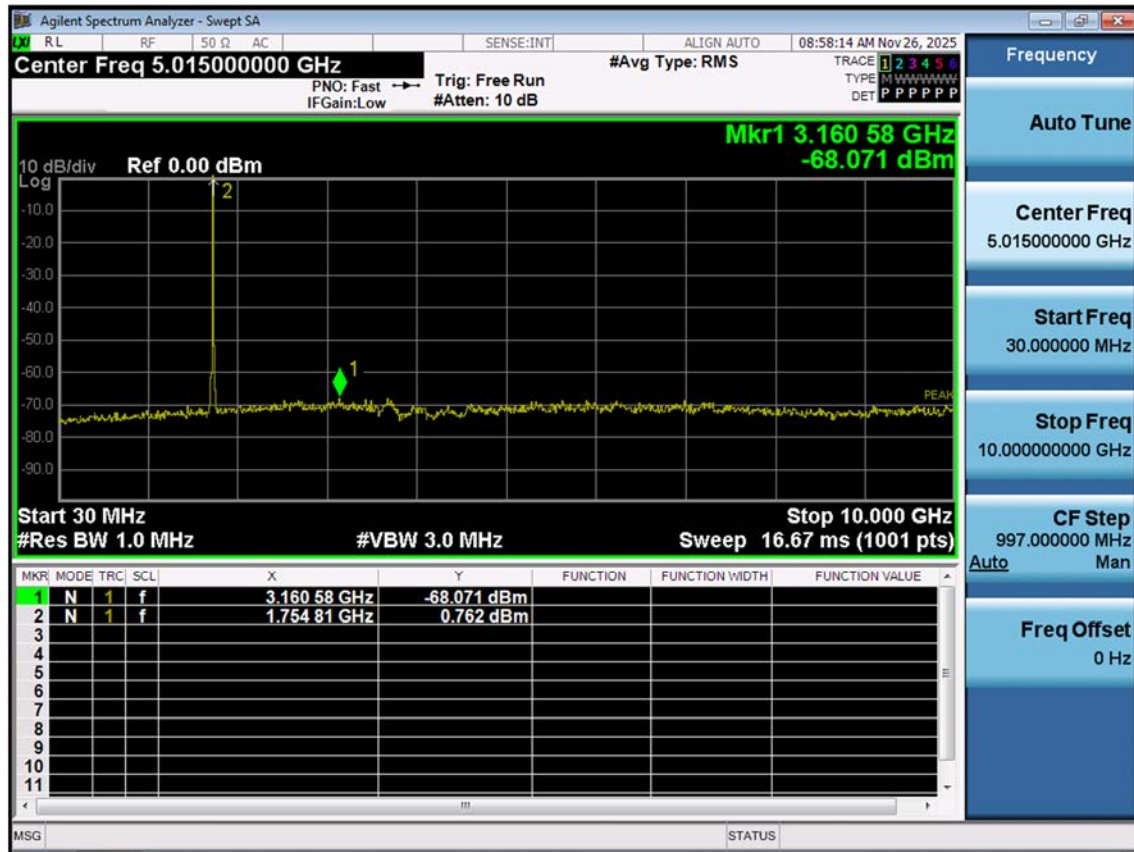
LTE B4_15 M_Conducted Spurious Emissions(30 M-10 G)_Low_QPSK_1RB



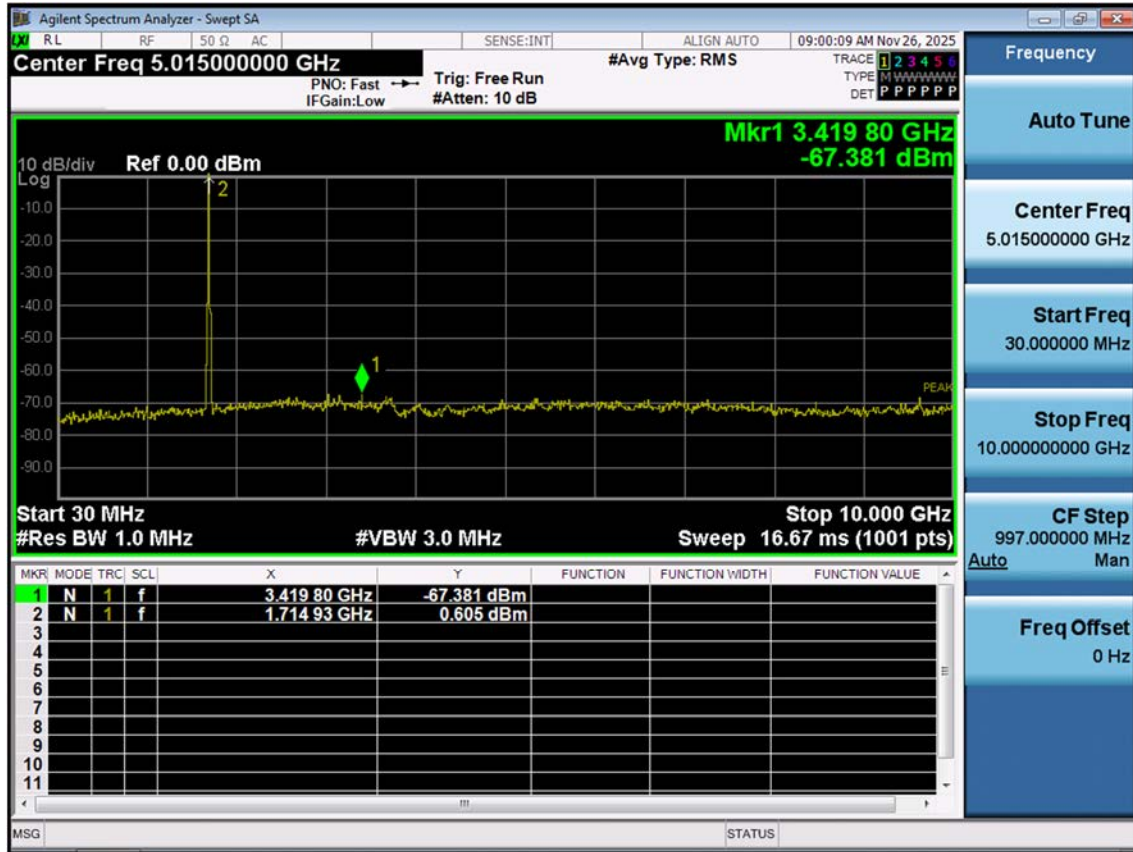
LTE B4_15 M_Conducted Spurious Emissions(30 M-10 G)_Mid_QPSK_1RB



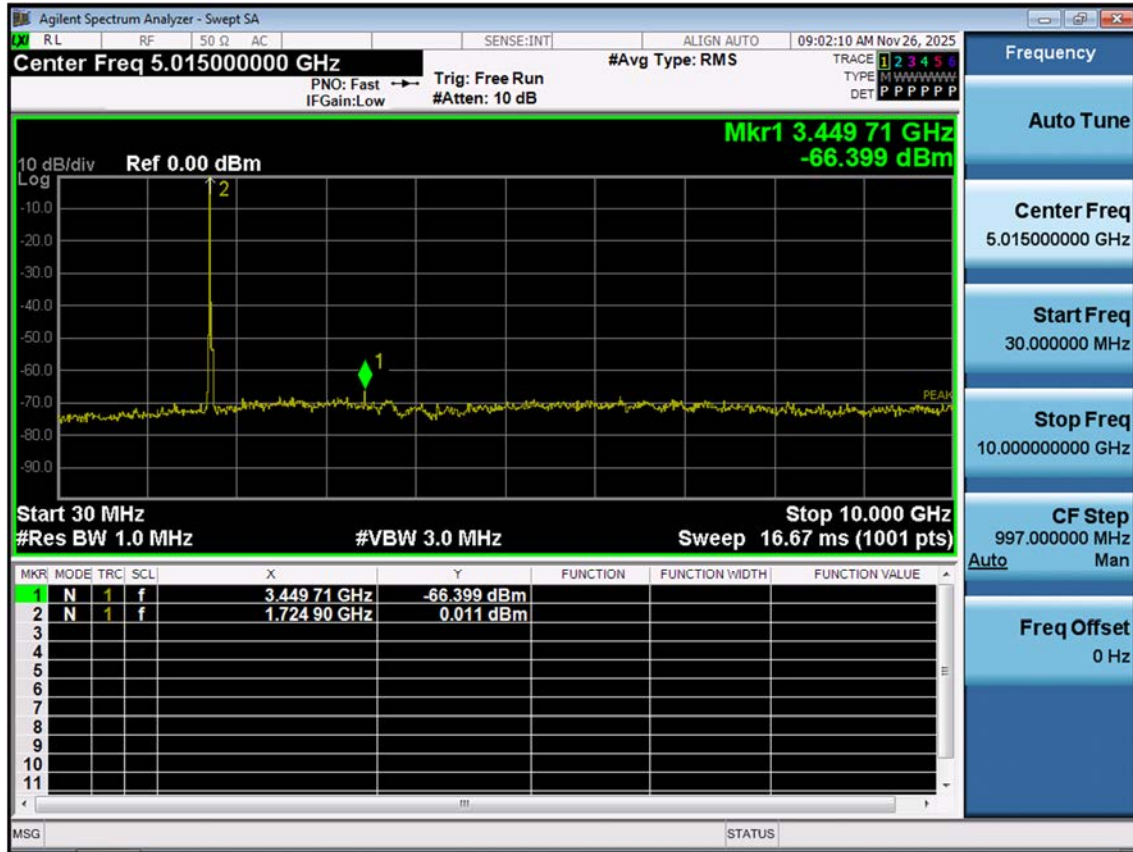
LTE B4_15 M_Conducted Spurious Emissions(30 M-10 G)_High_QPSK_1RB



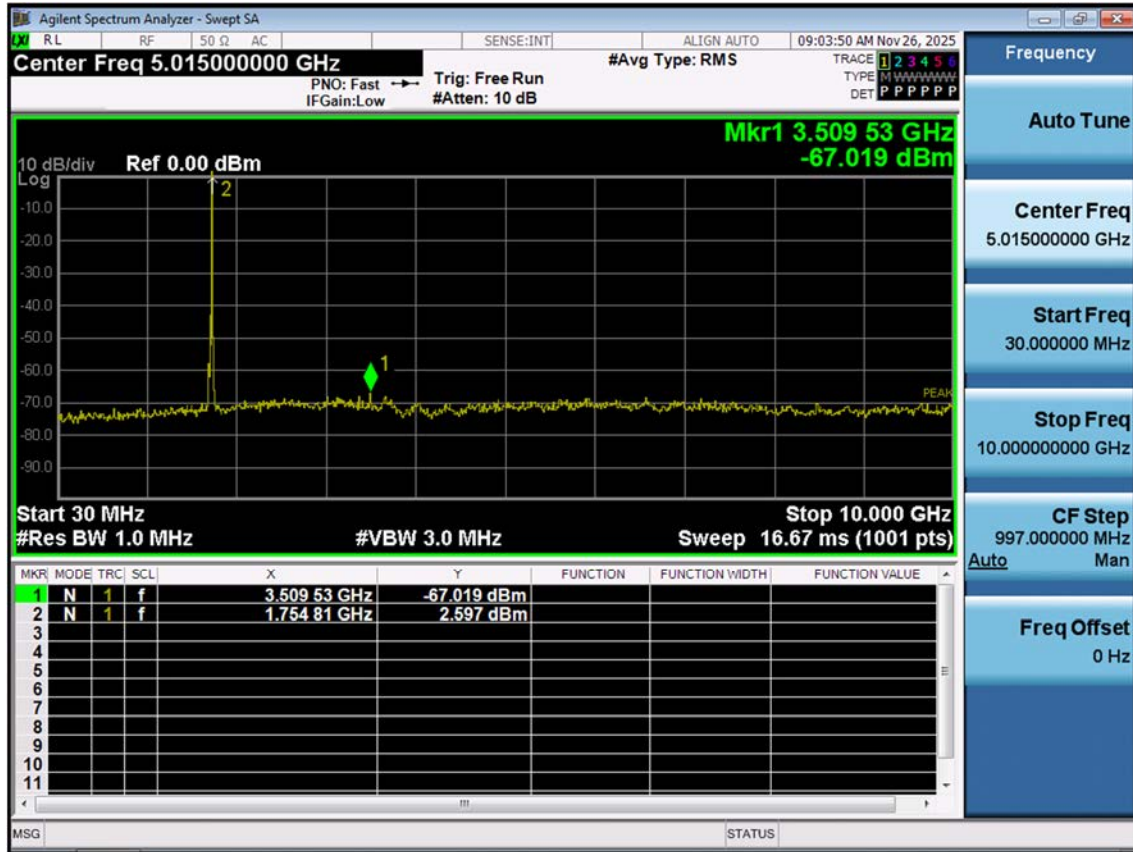
LTE B4_20 M_Conducted Spurious Emissions(30 M-10 G)_Low_QPSK_1RB



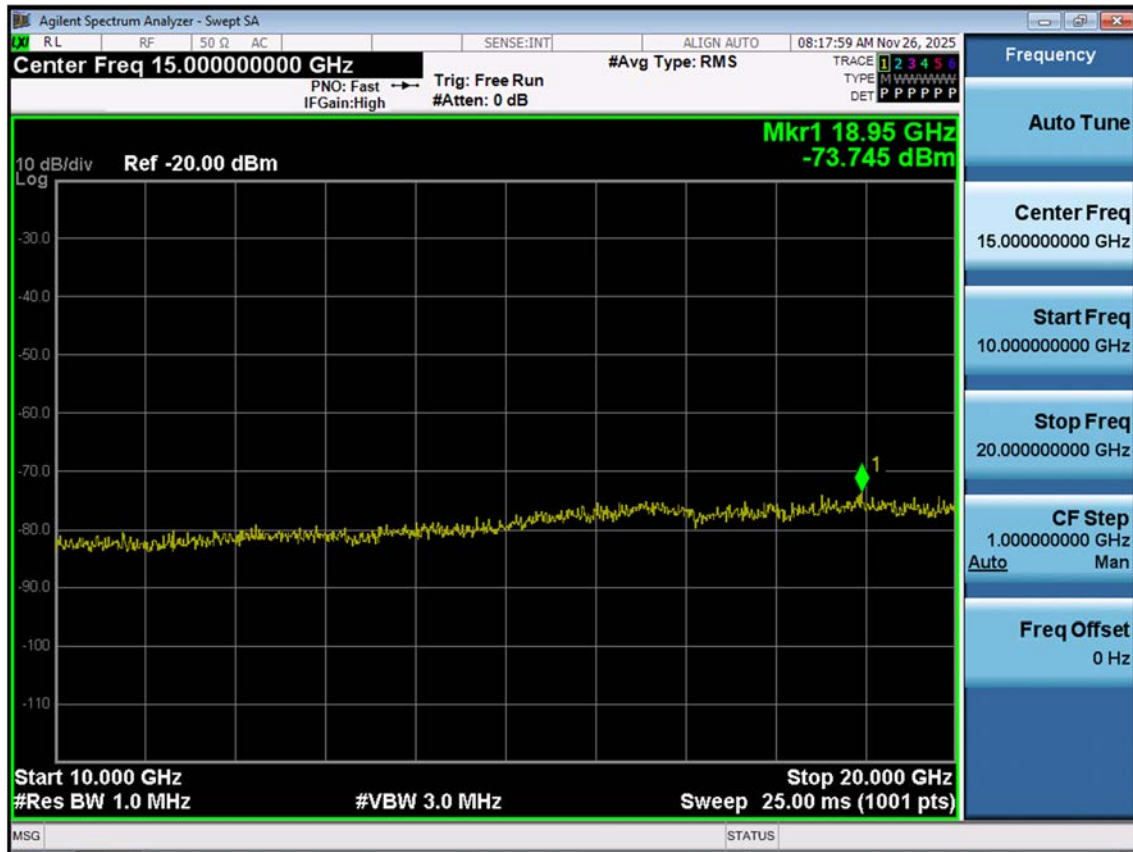
LTE B4_20 M_Conducted Spurious Emissions(30 M-10 G)_Mid_QPSK_1RB



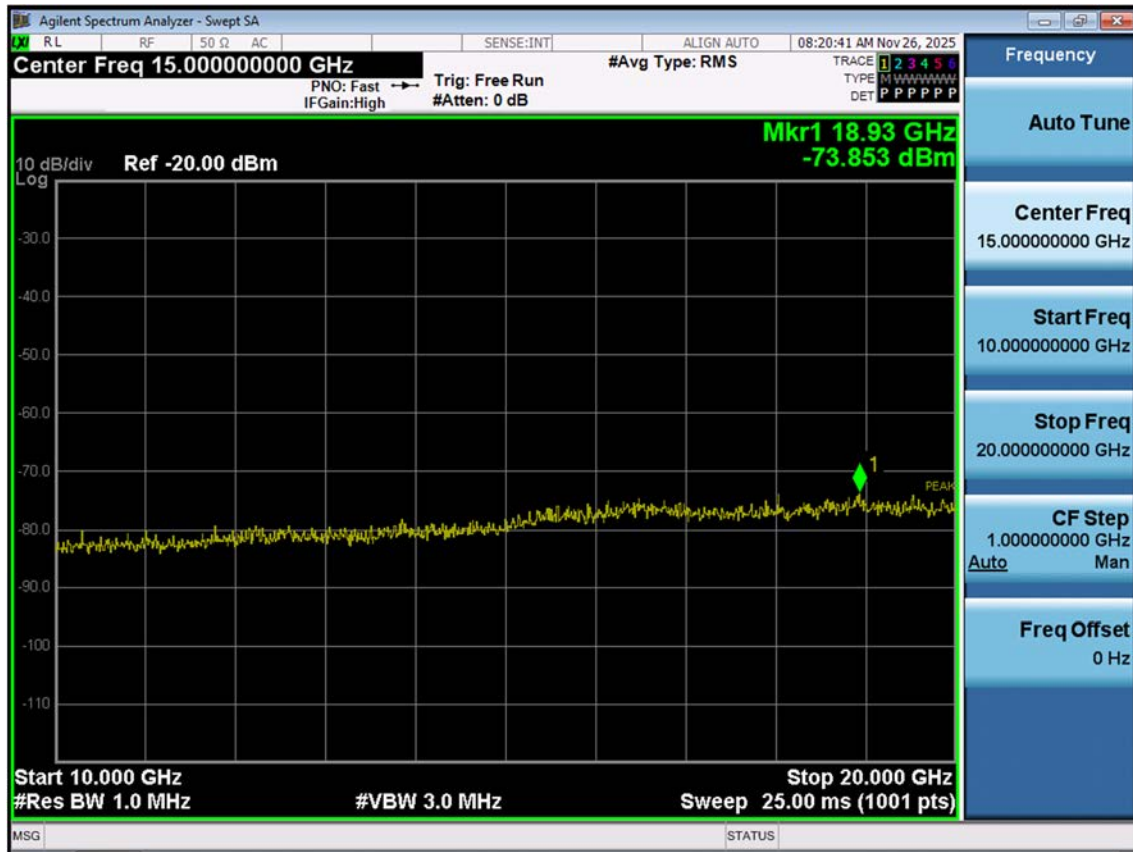
LTE B4_20 M_Conducted Spurious Emissions(30 M-10 G)_High_QPSK_1RB



LTE B4_1.4 M_Conducted Spurious Emissions(Above10 G)_Low_QPSK_1RB



LTE B4_1.4 M_Conducted Spurious Emissions(Above10 G)_Mid_QPSK_1RB



[illegible]

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 08:24:36 AM Nov 26, 2025

Center Freq 15.00000000 GHz #Avg Type: RMS

PNO: Fast → Trig: Free Run
IF Gain: High #Atten: 0 dB

TRACE 1 2 3 4 5 6
TYPE M W W W W W W W
DET P P P P P P

Mkr1 19.44 GHz
-73.77 dBm

10 dB/div Log Ref -20.00 dBm

Start 10.000 GHz Stop 20.000 GHz
#Res BW 1.0 MHz #VBW 3.0 MHz Sweep 25.00 ms (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
15.000000000 GHz

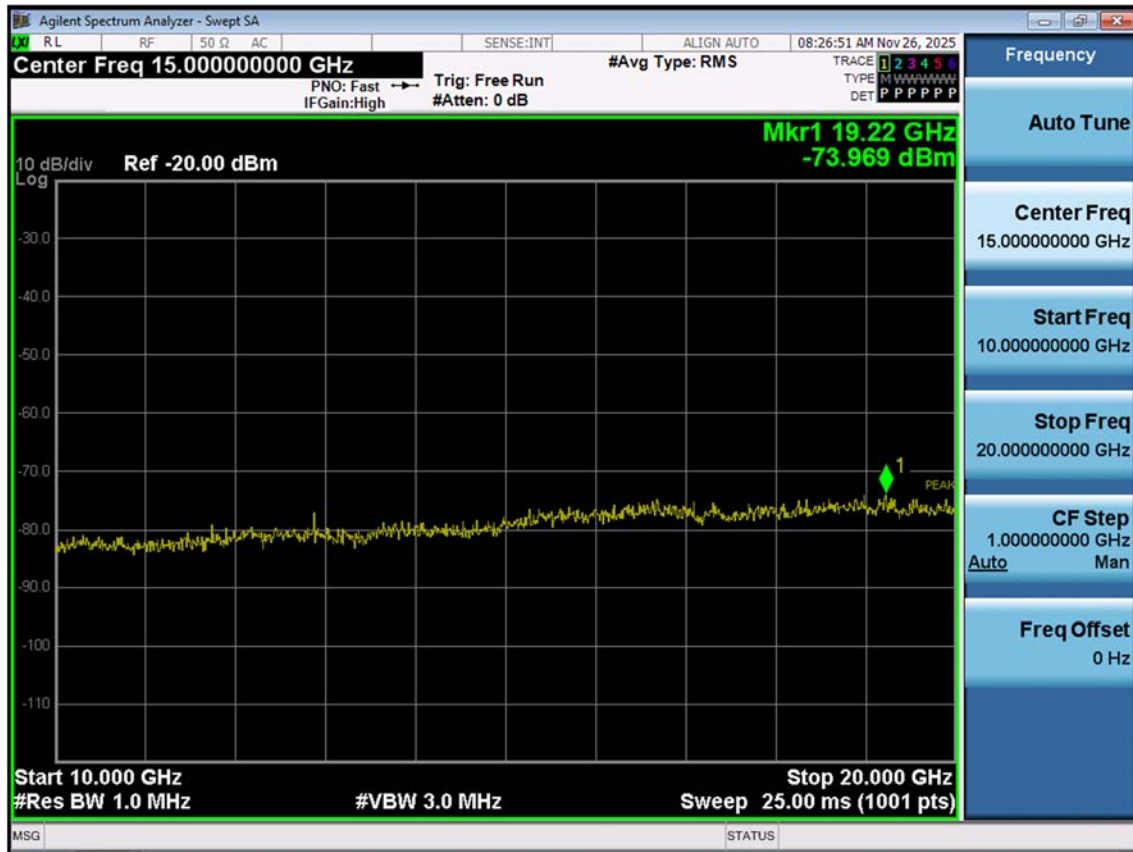
Start Freq
10.000000000 GHz

Stop Freq
20.000000000 GHz

CF Step
1.000000000 GHz
Auto Man

Freq Offset
0 Hz

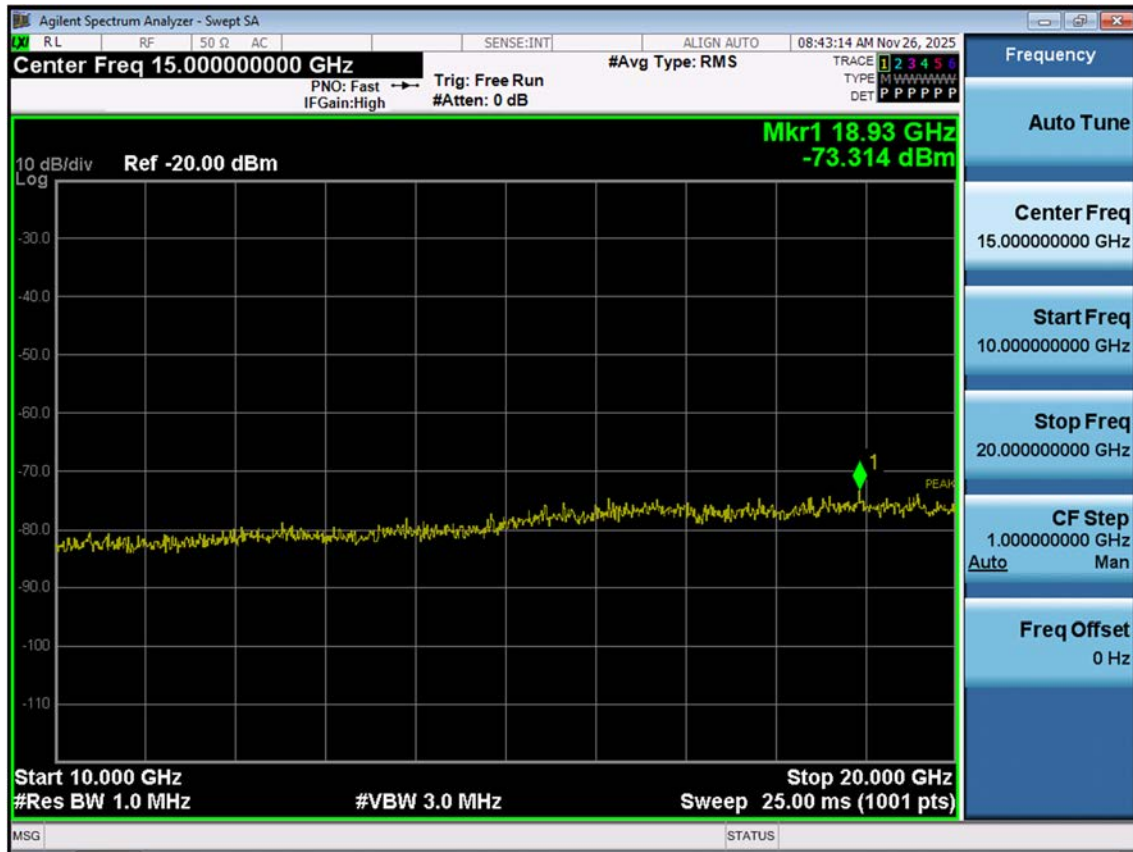
LTE B4_3 M_Conducted Spurious Emissions(Above10 G)_Mid_QPSK_1RB



LTE B4_3 M_Conducted Spurious Emissions(Above10 G)_High_QPSK_1RB

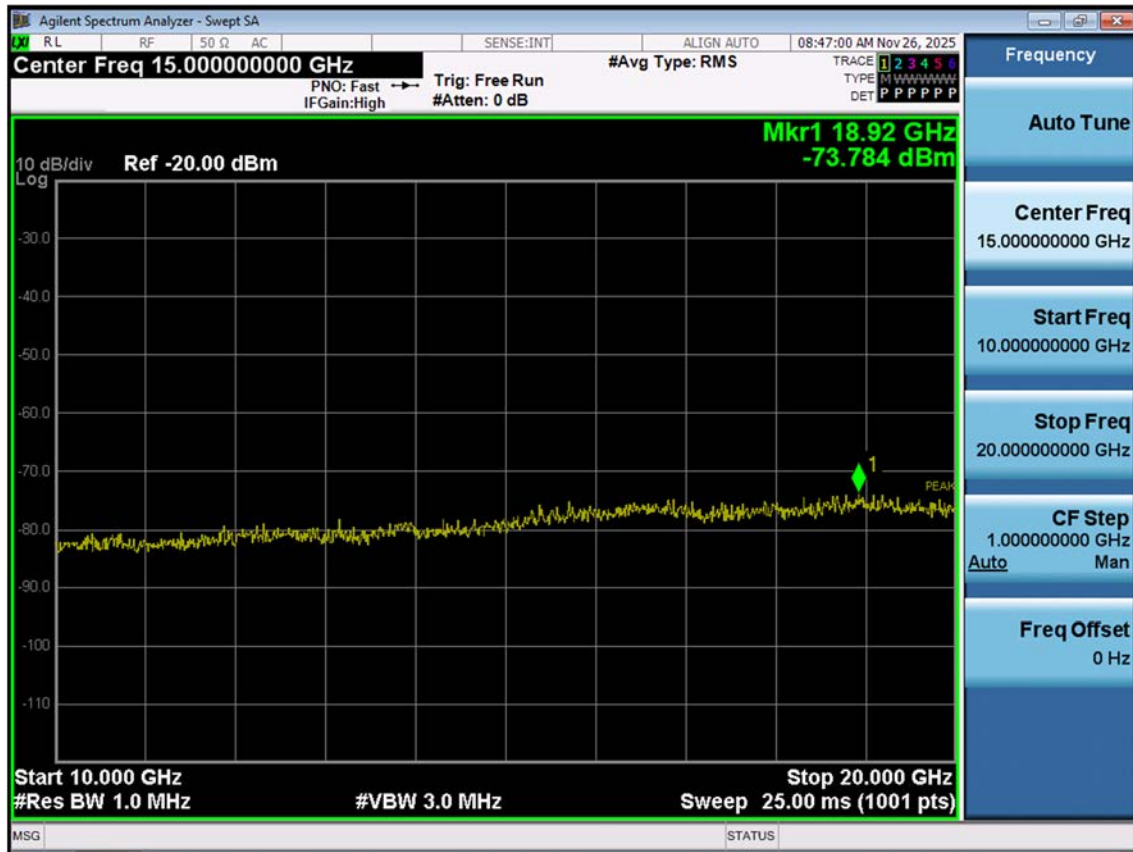


LTE B4_5 M_Conducted Spurious Emissions(Above10 G)_Low_QPSK_1RB





LTE B4_5 M_Conducted Spurious Emissions(Above10 G)_High_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA

Center Freq 15.00000000 GHz

Start 10.000 GHz Stop 20.000 GHz

#Res BW 1.0 MHz #VBW 3.0 MHz Sweep 25.00 ms (1001 pts)

10 dB/div Ref -20.00 dBm

Mkr1 18.62 GHz -74.227 dBm

Trig: Free Run #Atten: 0 dB

#Avg Type: RMS

Trig: PNO: Fast IF Gain: High

Traces: 1 2 3 4 5 6

TYPE: M W W W W W W W

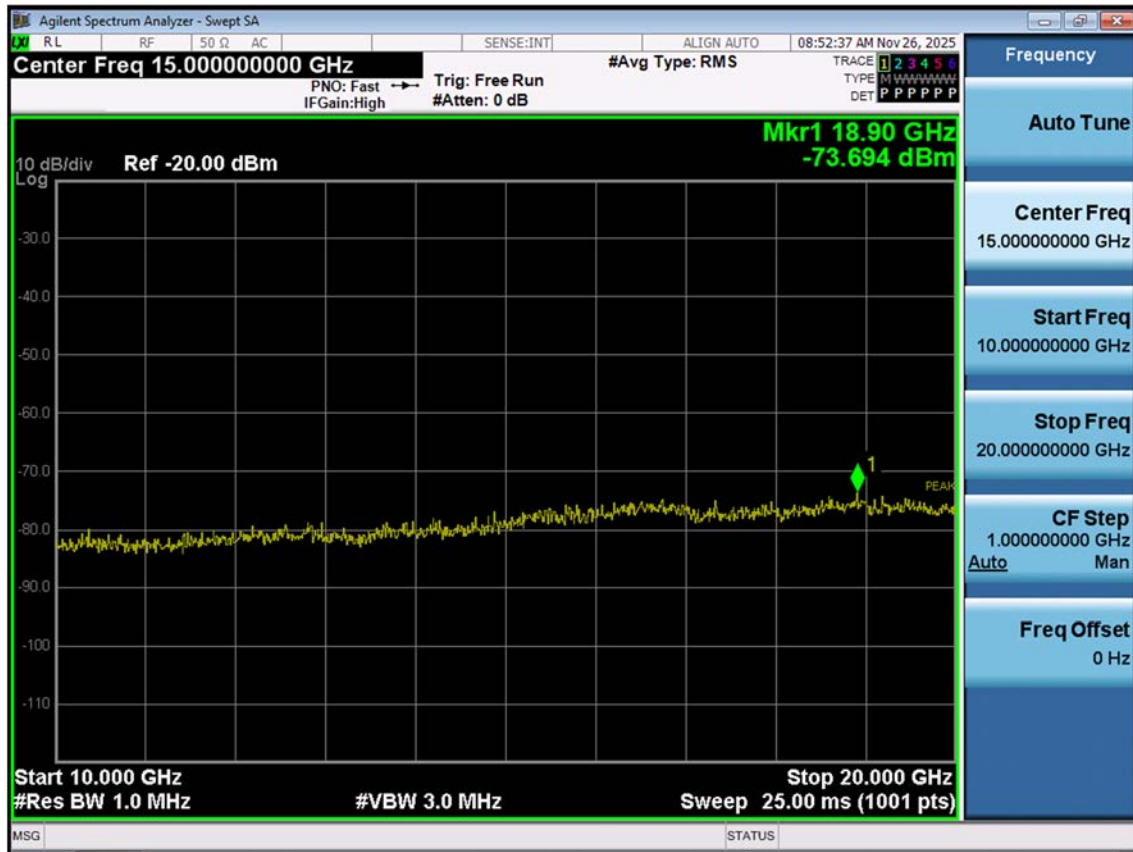
DET: P P P P P P

MSG STATUS

LTE B4_10 M_Conducted Spurious Emissions(Above10 G)_Mid_QPSK_1RB



LTE B4_10 M_Conducted Spurious Emissions(Above10 G)_High_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA

Center Freq 15.00000000 GHz

Ref -20.00 dBm

10 dB/div Log

Mkr1 18.56 GHz -74.244 dBm

Start 10.000 GHz Stop 20.000 GHz

#Res BW 1.0 MHz #VBW 3.0 MHz Sweep 25.00 ms (1001 pts)

Trig: Free Run #Atten: 0 dB

#Avg Type: RMS

Trace 1 2 3 4 5 6

Type M W W W W W W W

Det P P P P P P

Auto Tune

Center Freq 15.00000000 GHz

Start Freq 10.00000000 GHz

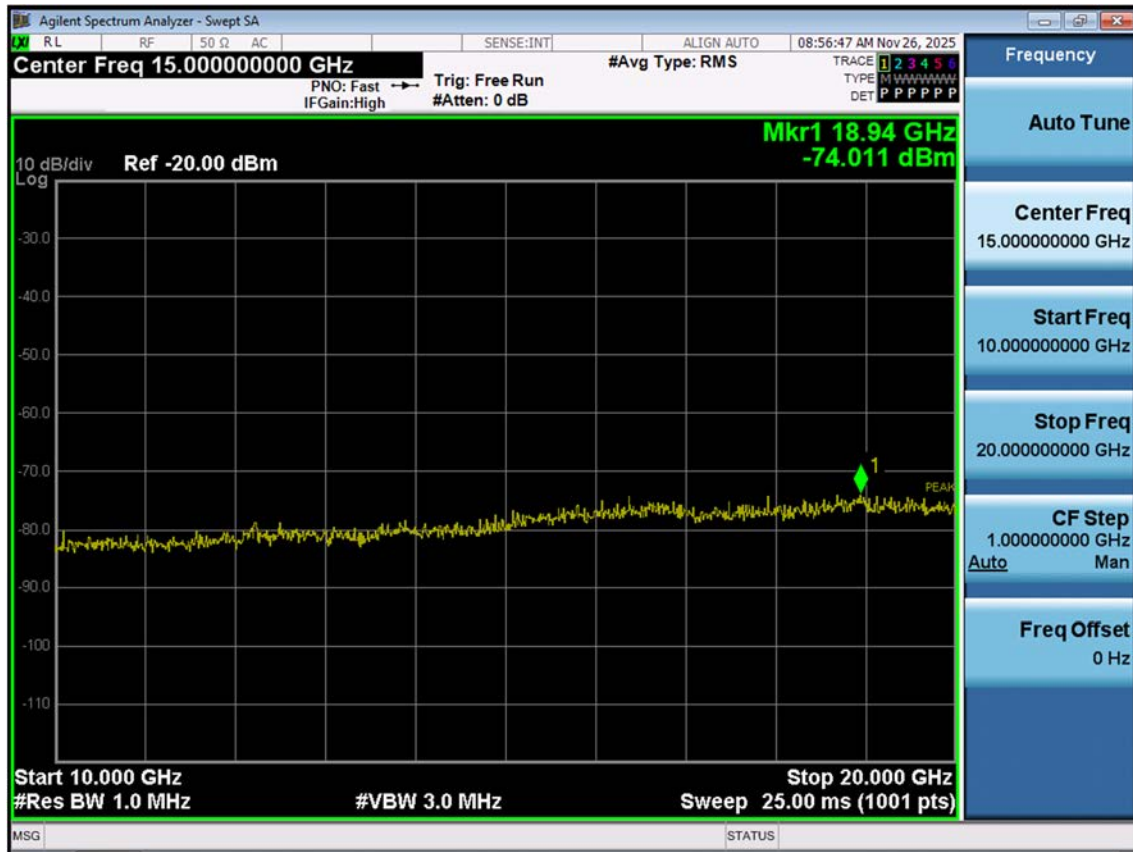
Stop Freq 20.00000000 GHz

CF Step 1.00000000 GHz

Auto Man

Freq Offset 0 Hz

LTE B4_15 M_Conducted Spurious Emissions(Above10 G)_Mid_QPSK_1RB





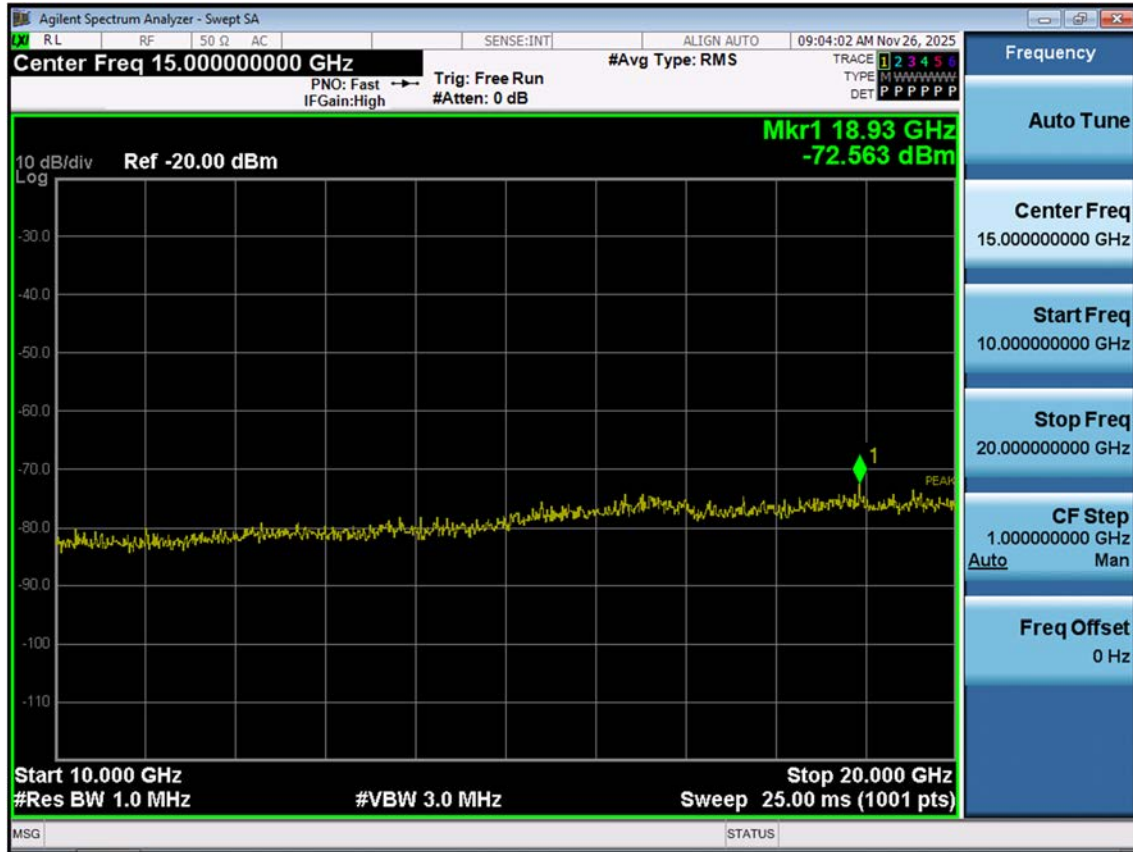
LTE B4_20 M_Conducted Spurious Emissions(Above10 G)_Low_QPSK_1RB



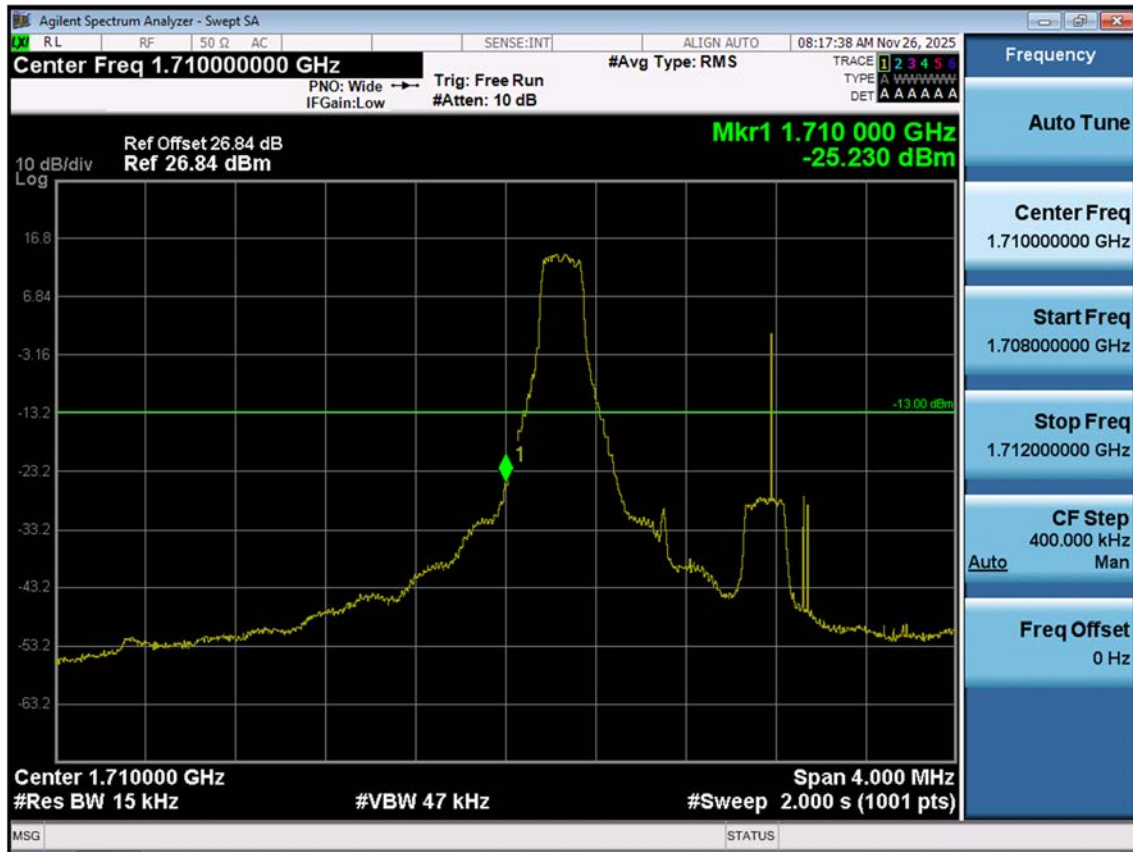
LTE B4_20 M_Conducted Spurious Emissions(Above10 G)_Mid_QPSK_1RB



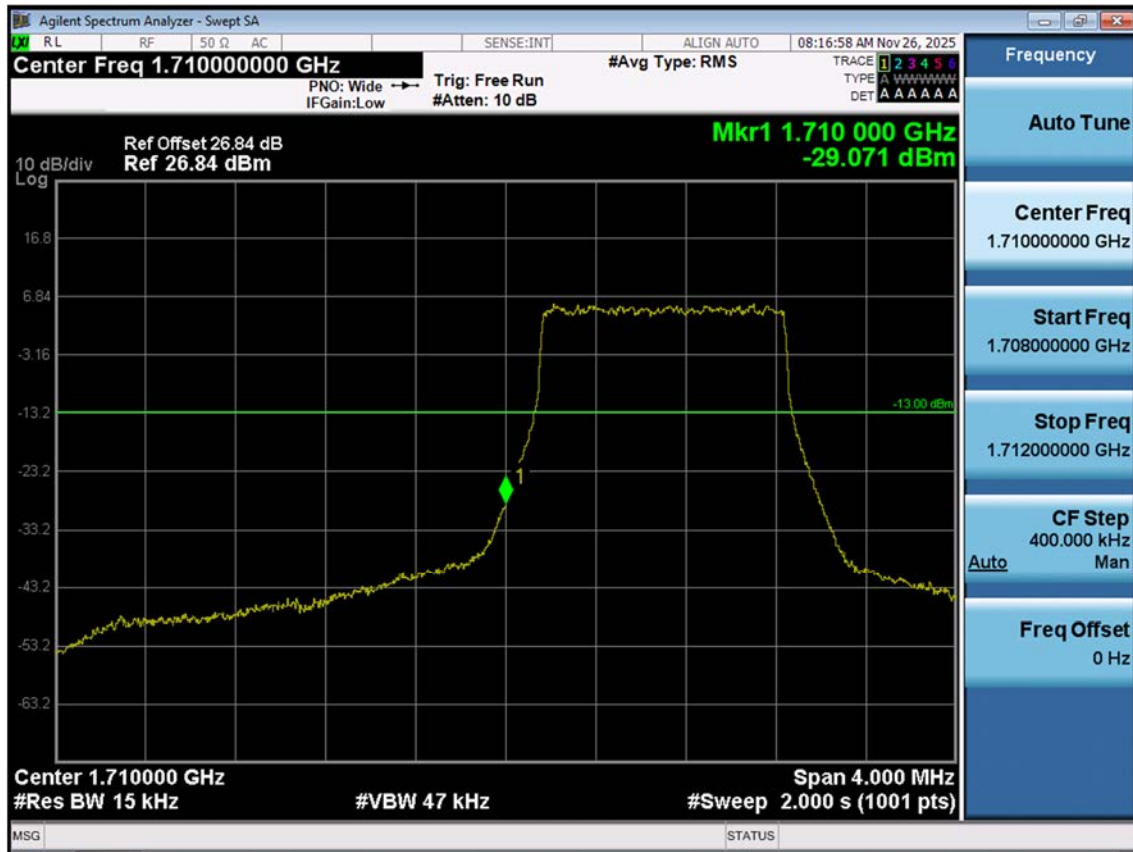
LTE B4_20 M_Conducted Spurious Emissions(Above10 G)_High_QPSK_1RB



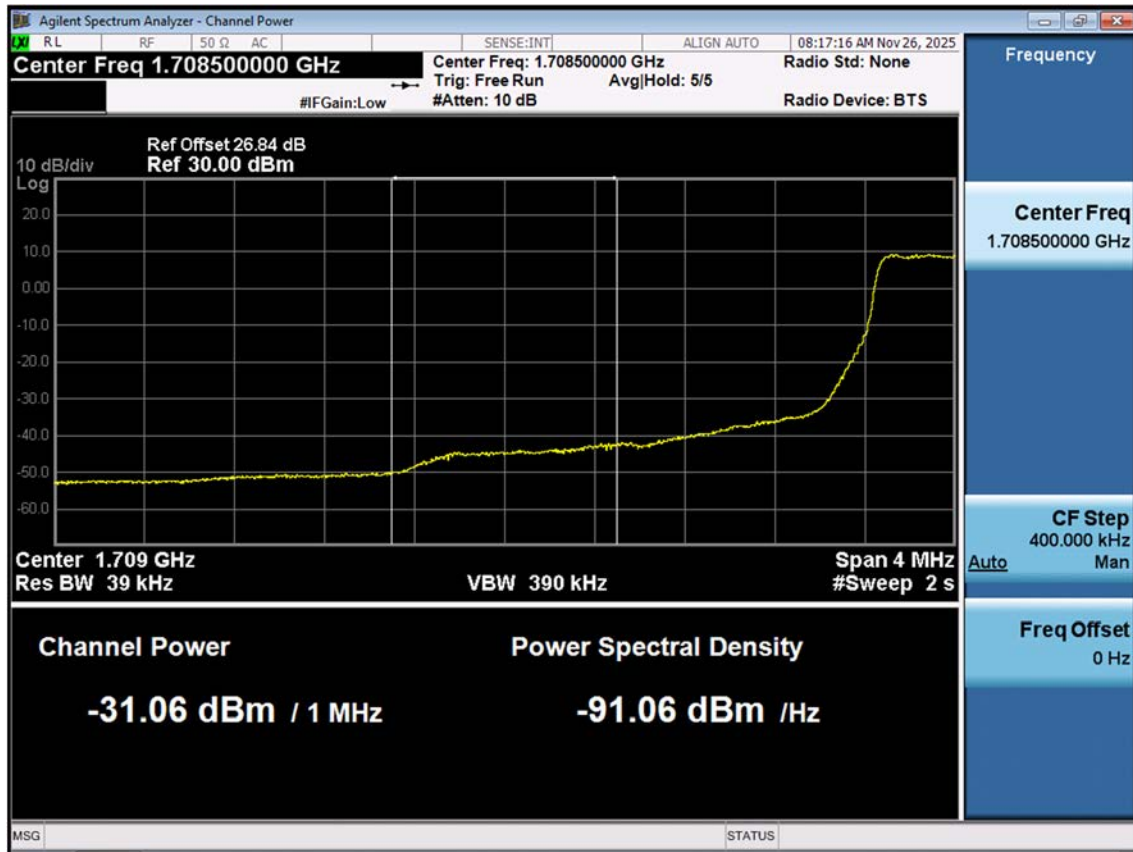
LTE B4_1.4 M_Band Edge_Low_QPSK_1RB



LTE B4_1.4 M_Band Edge_Low_QPSK_FullRB



LTE B4_1.4 M_Extended Band Edge_Low_QPSK_FullRB



LTE B4_1.4 M_Band Edge_High_QPSK_1RB



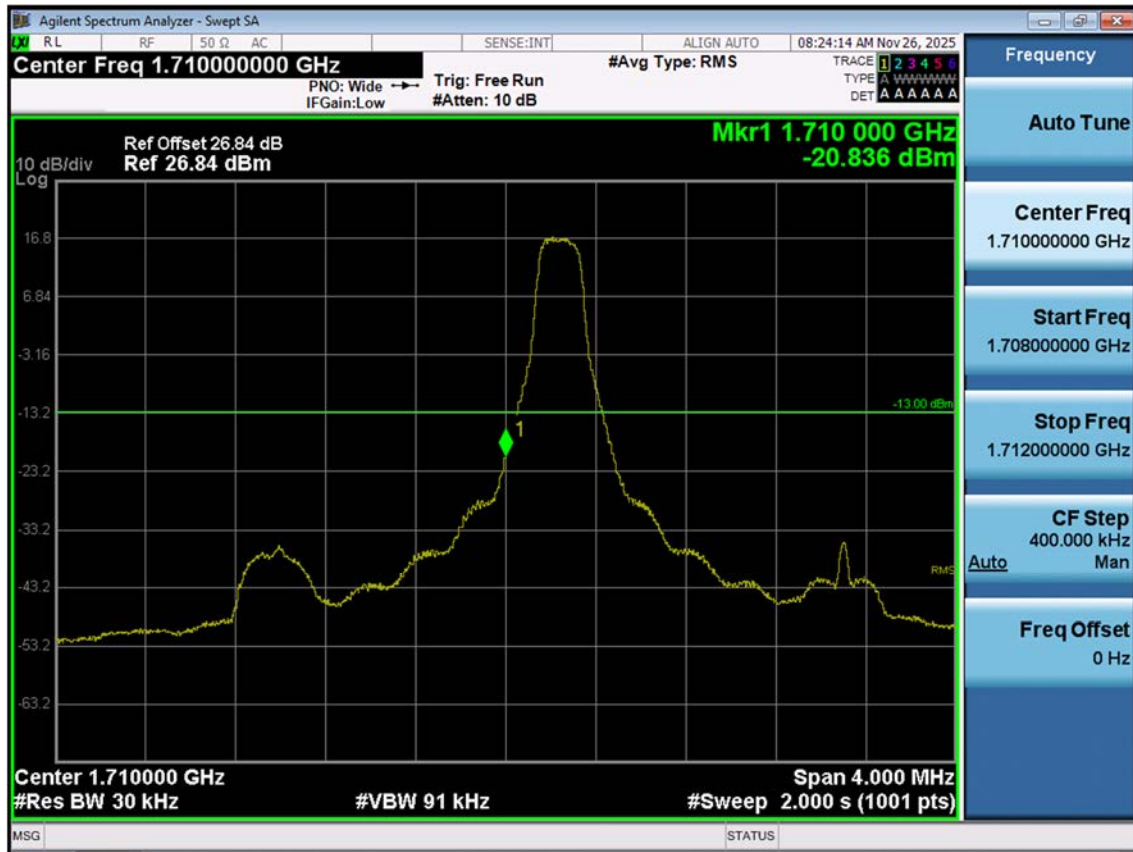
LTE B4_1.4 M_Band Edge_High_QPSK_FullRB



LTE B4_1.4 M_Extended Band Edge_High_QPSK_FullRB



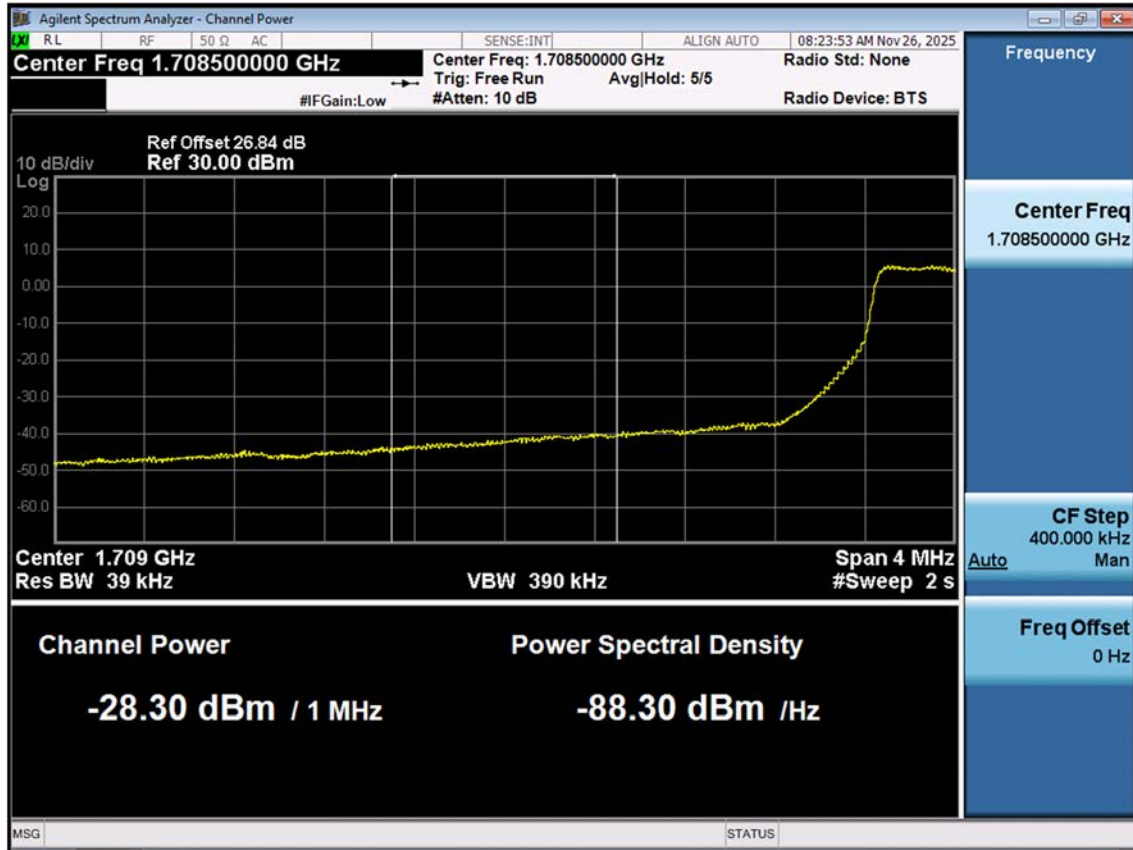
LTE B4_3 M_Band Edge_Low_QPSK_1RB



LTE B4_3 M_Band Edge_Low_QPSK_FullRB



LTE B4_3 M_Extended Band Edge_Low_QPSK_FullRB



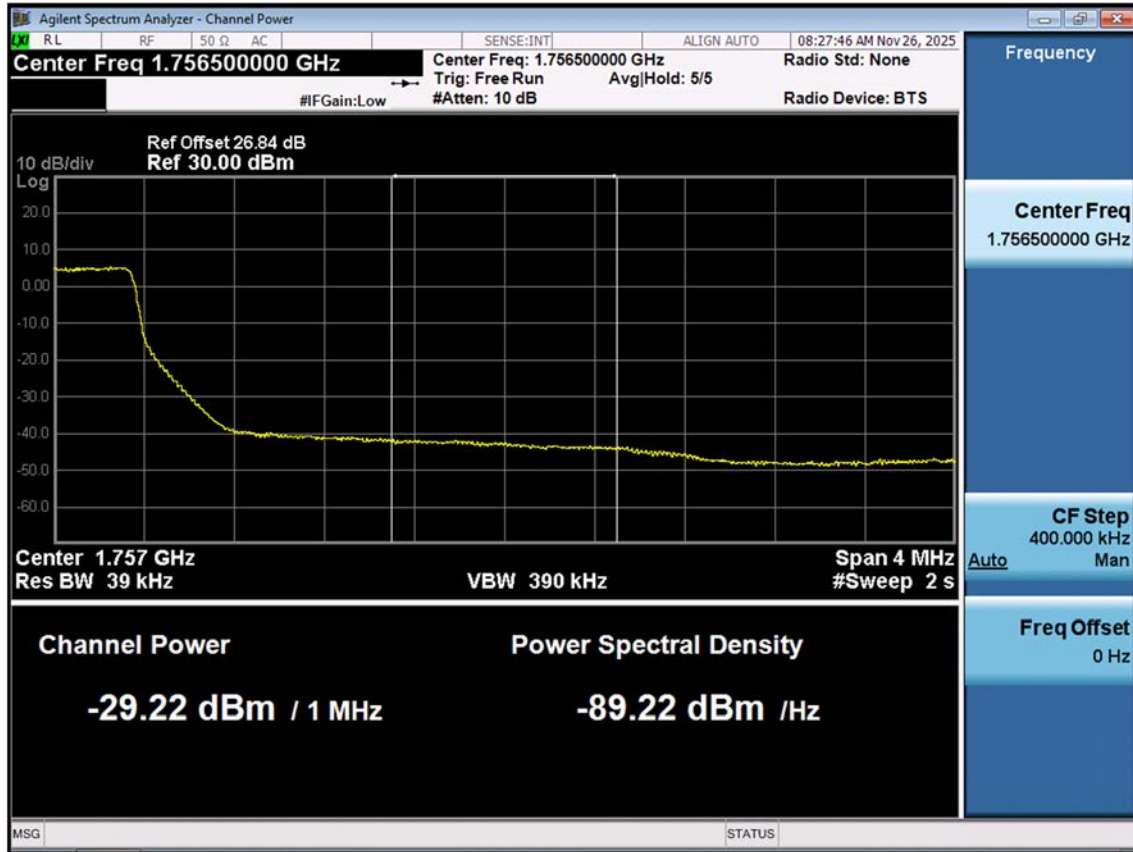
LTE B4_3 M_Band Edge_High_QPSK_1RB



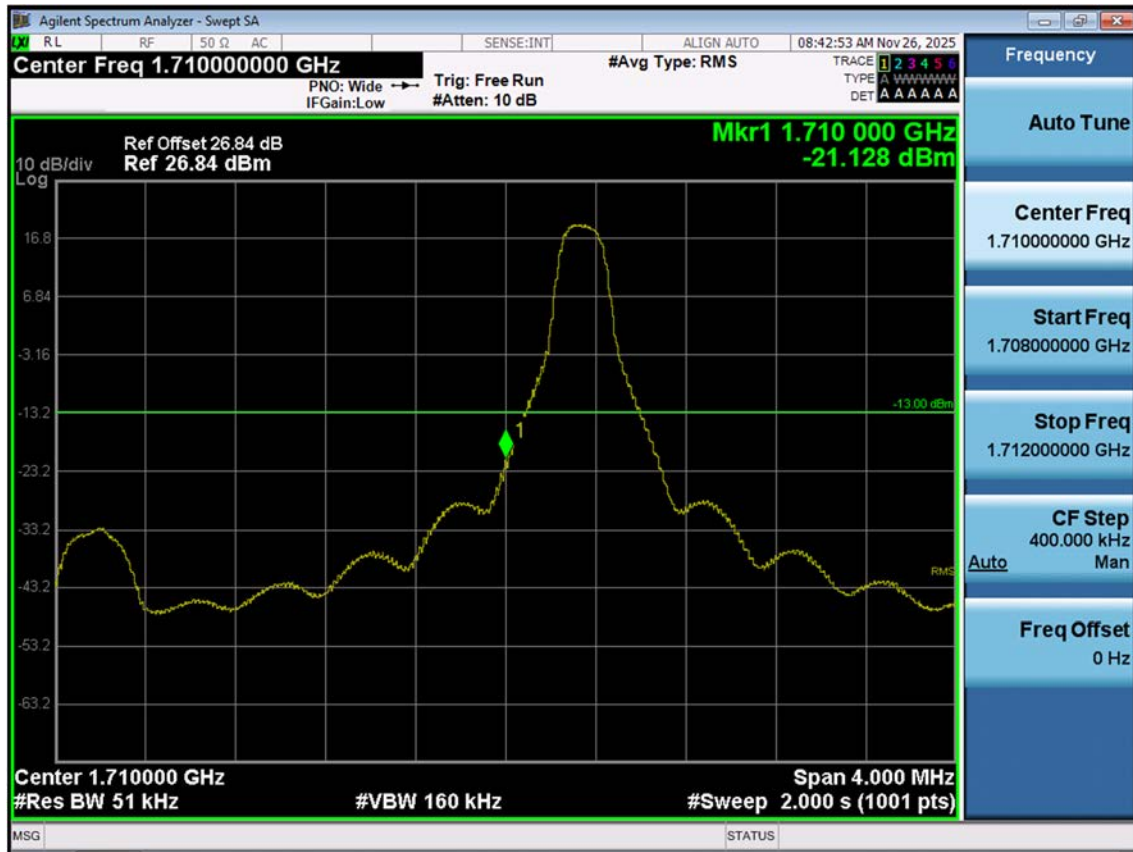
LTE B4_3 M_Band Edge_High_QPSK_FullRB



LTE B4_3 M_Extended Band Edge_High_QPSK_FullRB



LTE B4_5 M_Band Edge_Low_QPSK_1RB



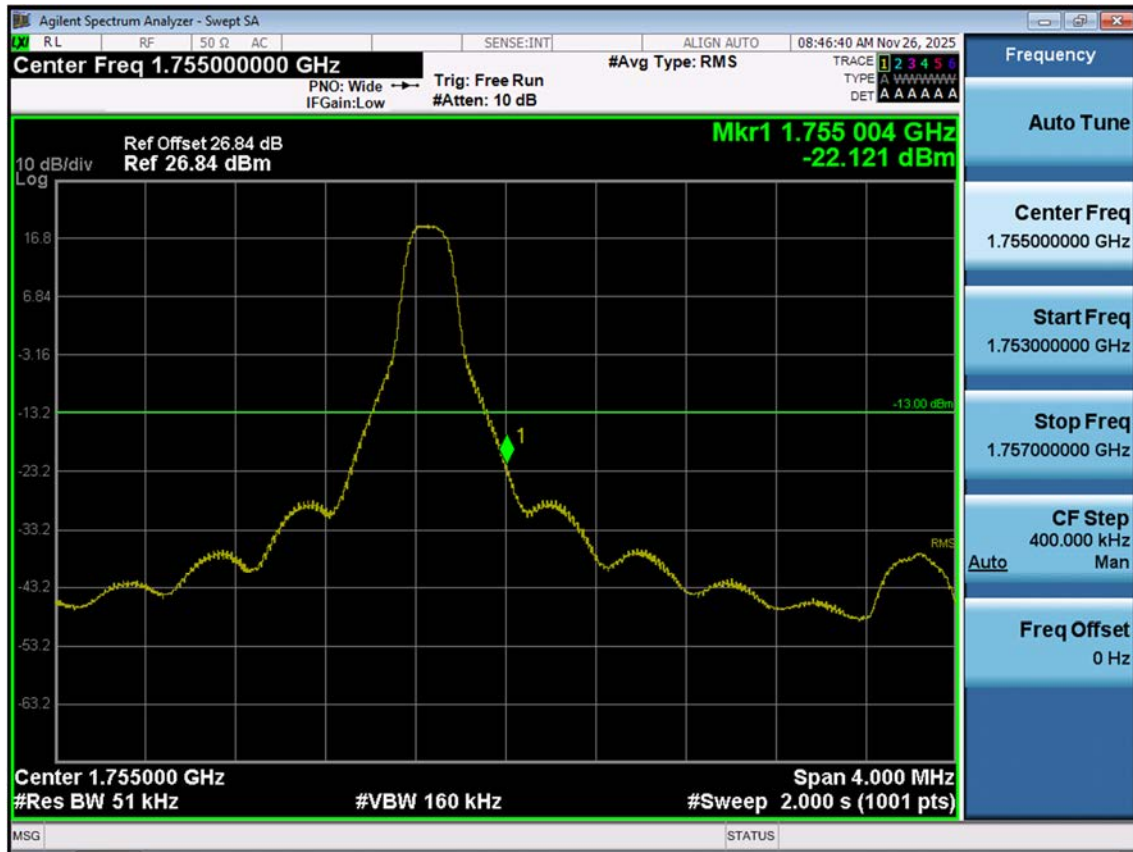
LTE B4_5 M_Band Edge_Low_QPSK_FullRB



LTE B4_5 M_Extended Band Edge_Low_QPSK_FullRB



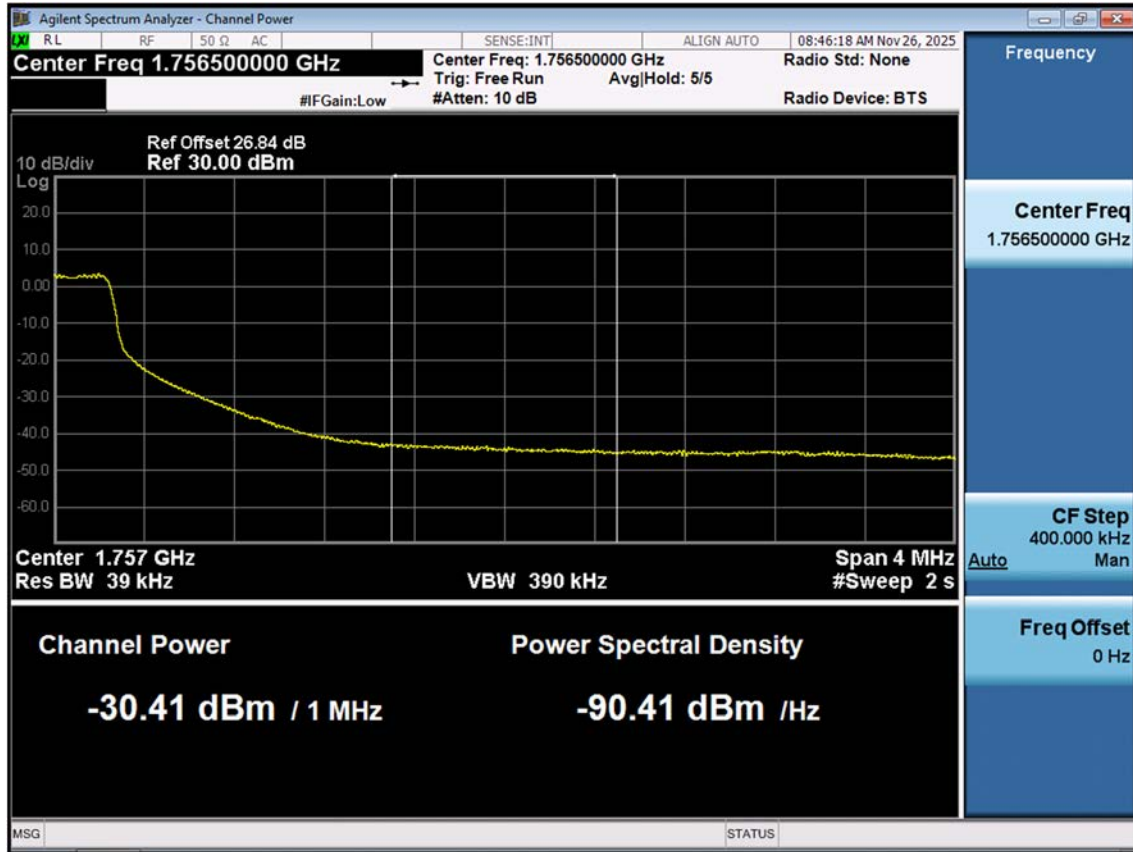
LTE B4_5 M_Band Edge_High_QPSK_1RB



LTE B4_5 M_Band Edge_High_QPSK_FullRB



LTE B4_5 M_Extended Band Edge_High_QPSK_FullRB



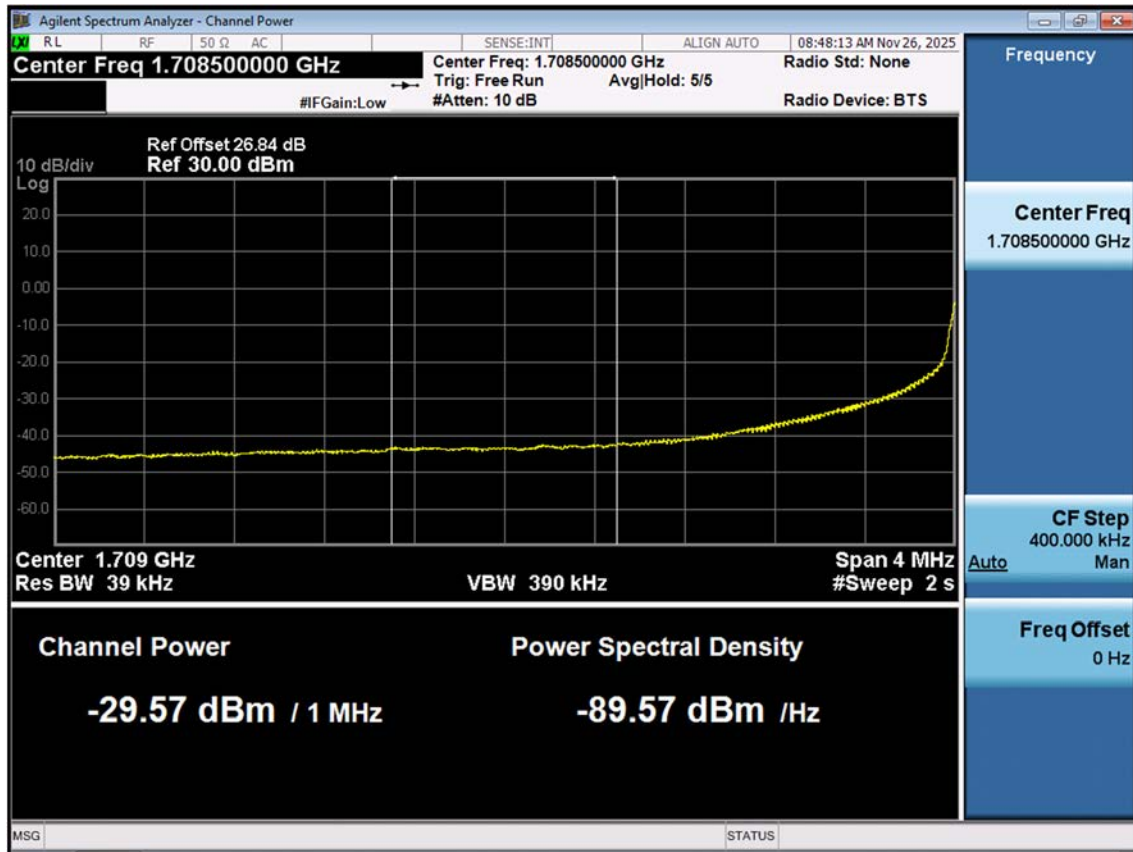
LTE B4_10 M_Band Edge_Low_QPSK_1RB



LTE B4_10 M_Band Edge_Low_QPSK_FullRB



LTE B4_10 M_Extended Band Edge_Low_QPSK_FullRB



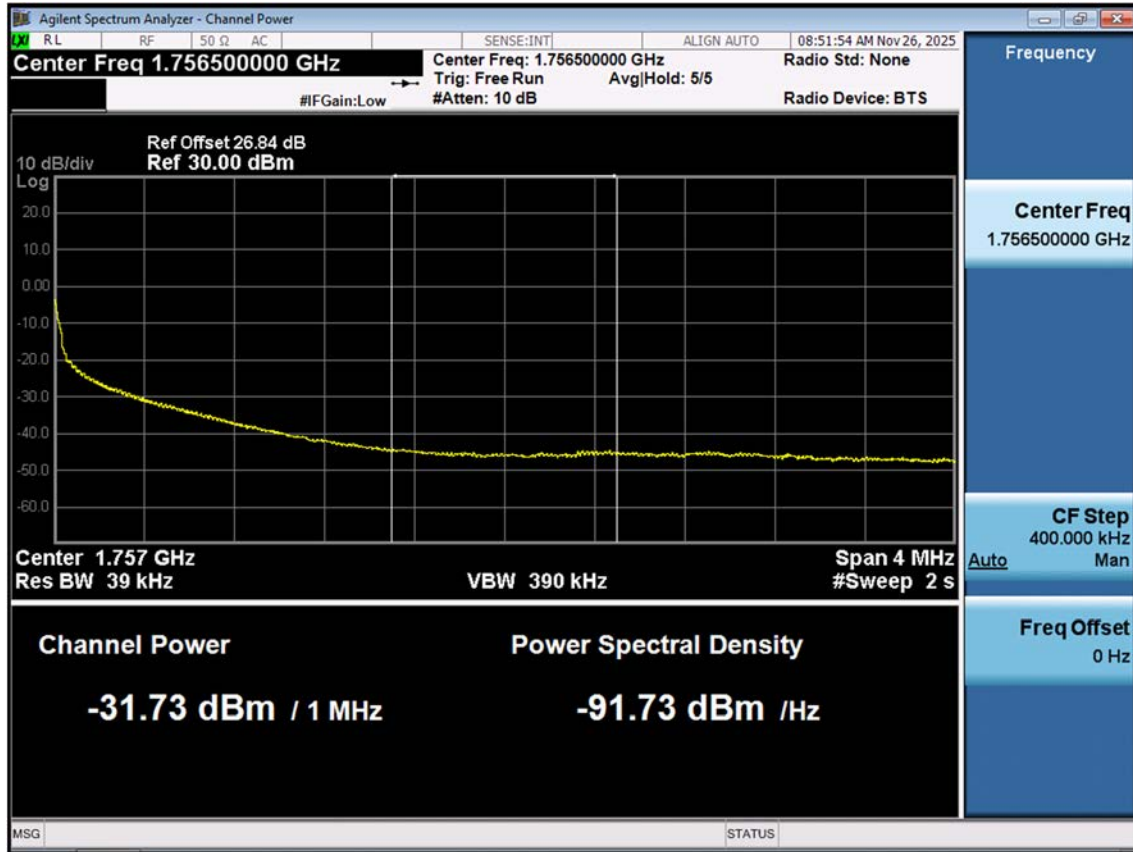
LTE B4_10 M_Band Edge_High_QPSK_1RB



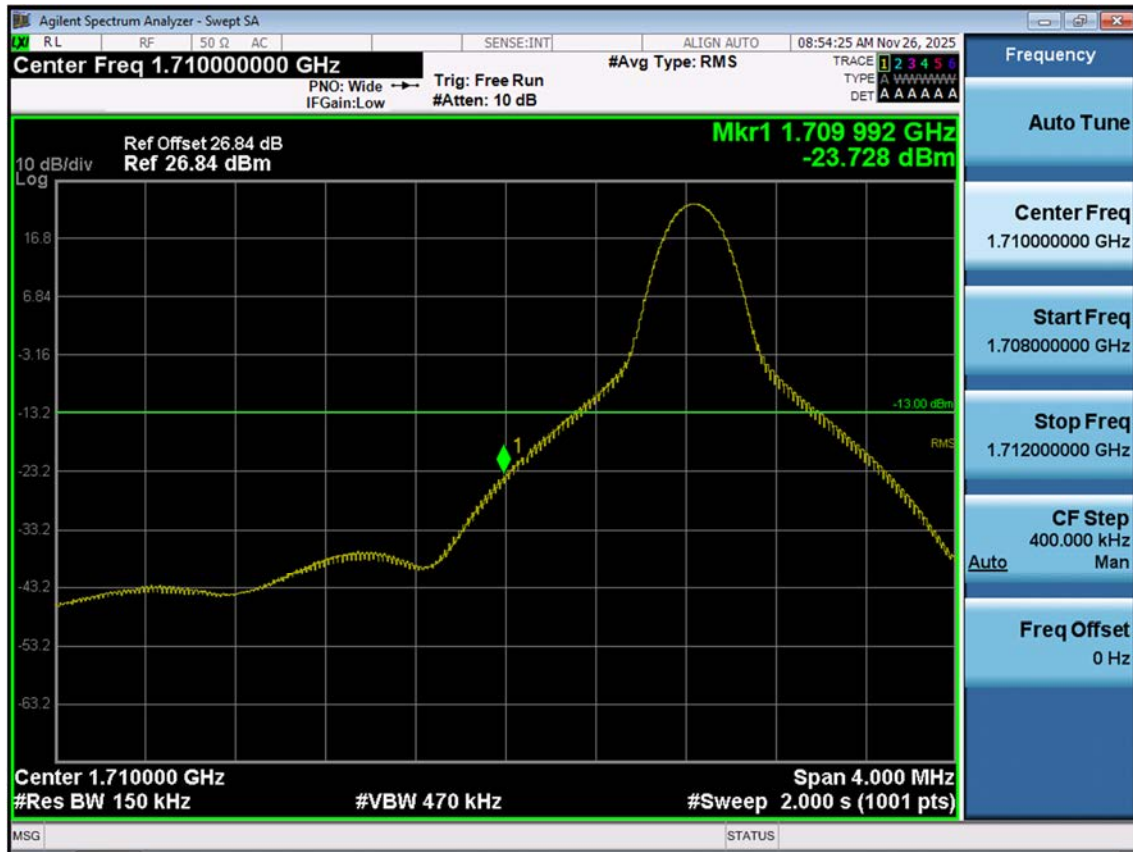
LTE B4_10 M_Band Edge_High_QPSK_FullRB



LTE B4_10 M_Extended Band Edge_High_QPSK_FullRB



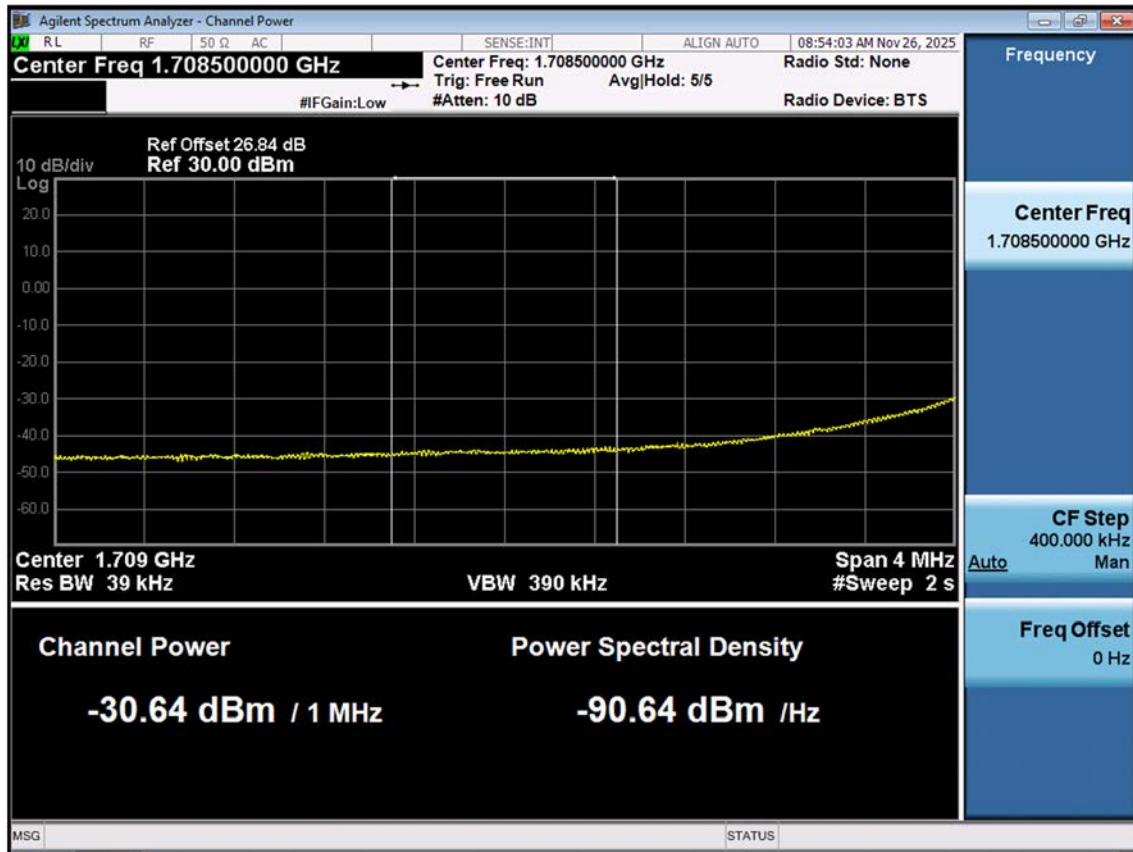
LTE B4_15 M_Band Edge_Low_QPSK_1RB



LTE B4_15 M_Band Edge_Low_QPSK_FullRB



LTE B4_15 M_Extended Band Edge_Low_QPSK_FullRB



LTE B4_15 M_Band Edge_High_QPSK_1RB



LTE B4_15 M_Band Edge_High_QPSK_FullRB



LTE B4_15 M_Extended Band Edge_High_QPSK_FullRB



Agilent Spectrum Analyzer - Swept SA

Center Freq 1.71000000 GHz

Ref Offset 26.84 dB
Ref 26.84 dBm

Mkr1 1.709 992 GHz
-33.578 dBm

10 dB/div
Log

16.8
6.84
-3.16
-13.2
-23.2
-33.2
-43.2
-53.2
-63.2

Center 1.710000 GHz
#Res BW 200 kHz

Span 4.000 MHz
#Sweep 2.000 s (1001 pts)

#Avg Type: RMS

Trig: Free Run
#Atten: 10 dB

PNO: Wide
IFGain: Low

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

Frequency

Auto Tune

Center Freq
1.710000000 GHz

Start Freq
1.708000000 GHz

Stop Freq
1.712000000 GHz

CF Step
400.000 kHz
Man

Auto

Freq Offset
0 Hz

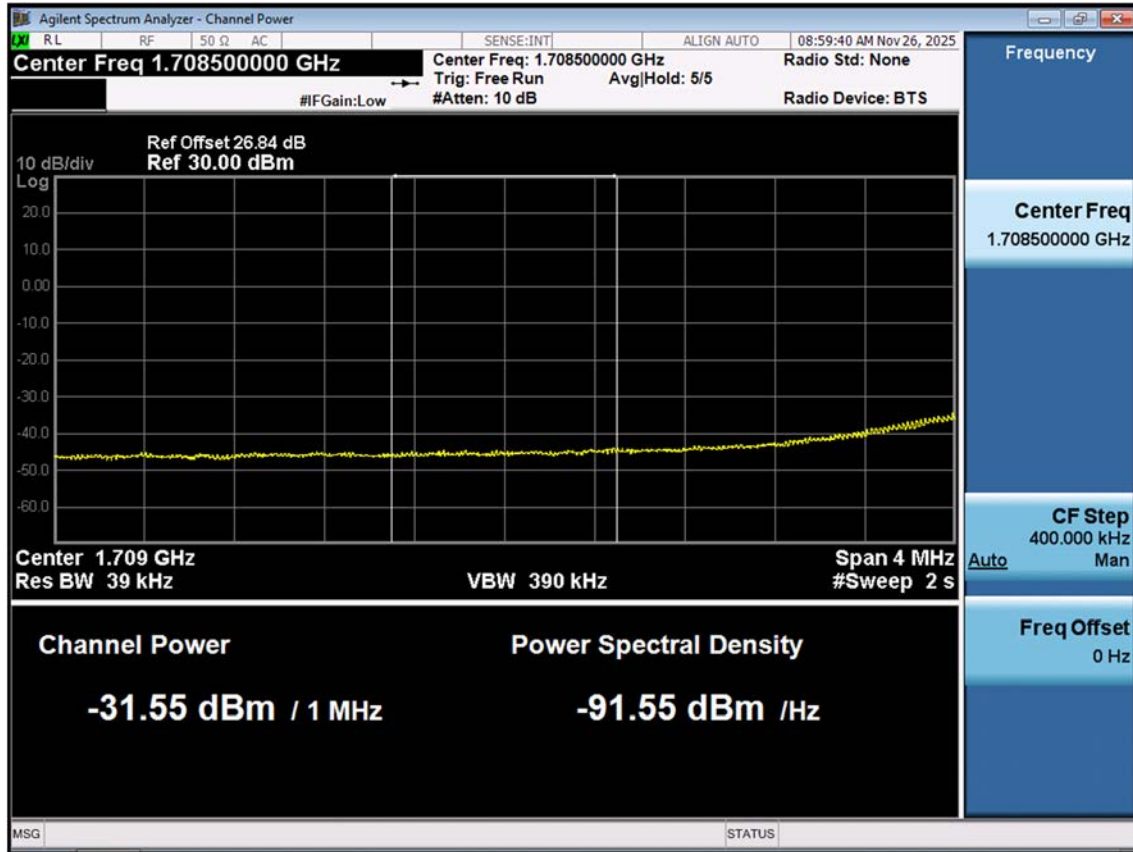
MSG

STATUS

LTE B4_20 M_Band Edge_Low_QPSK_FullRB



LTE B4_20 M_Extended Band Edge_Low_QPSK_FullRB



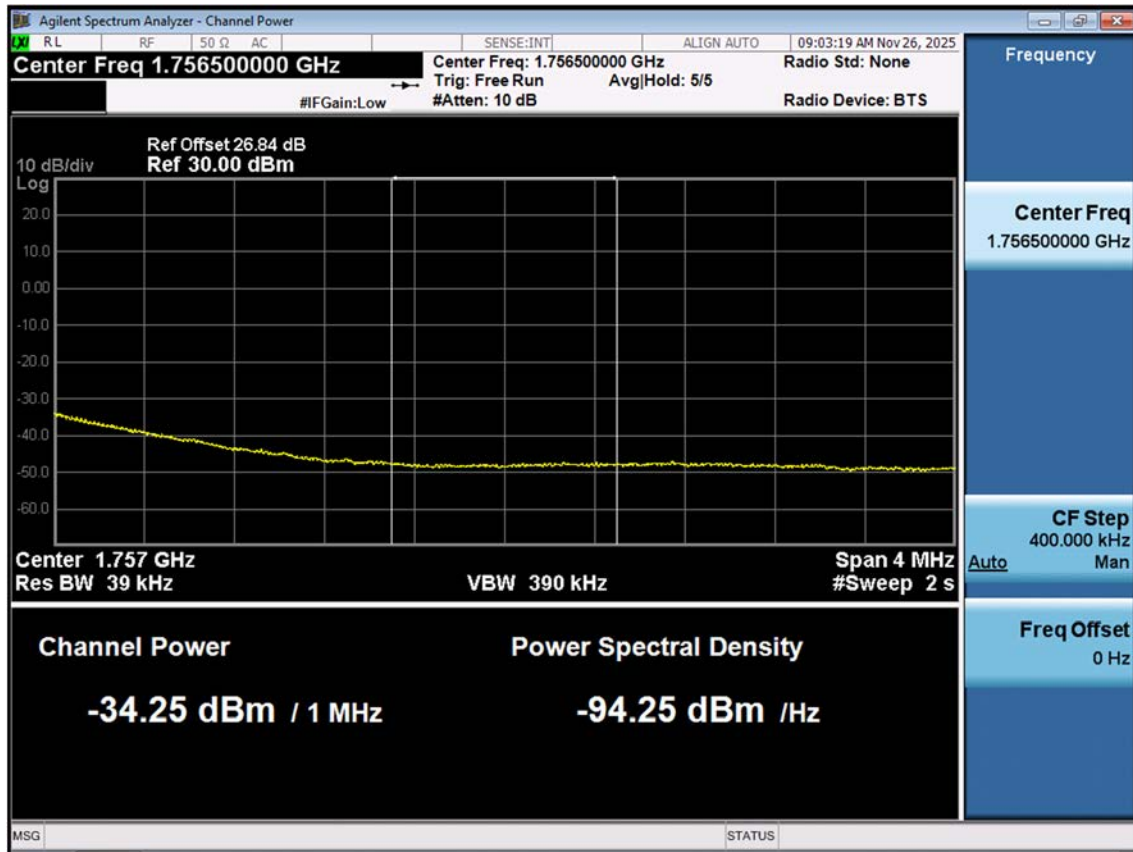
LTE B4_20 M_Band Edge_High_QPSK_1RB



LTE B4_20 M_Band Edge_High_QPSK_FullRB

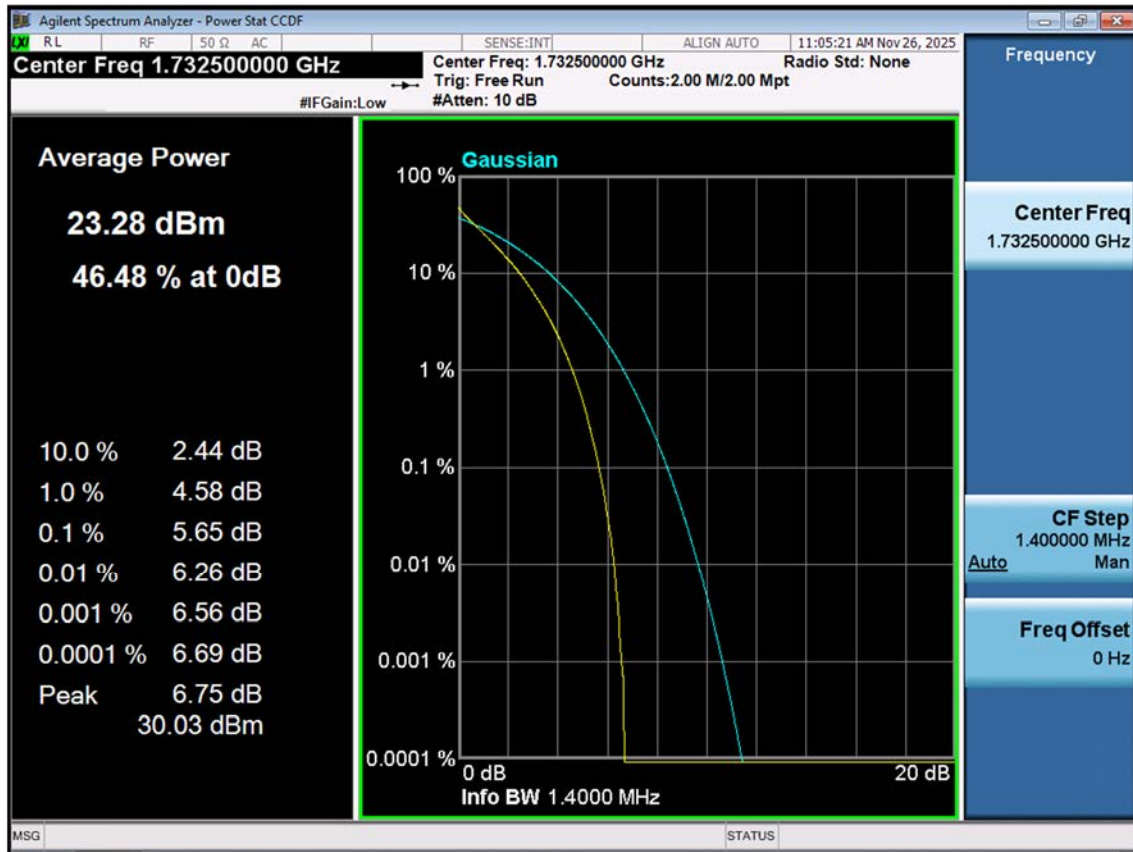


LTE B4_20 M_Extended Band Edge_High_QPSK_FullRB

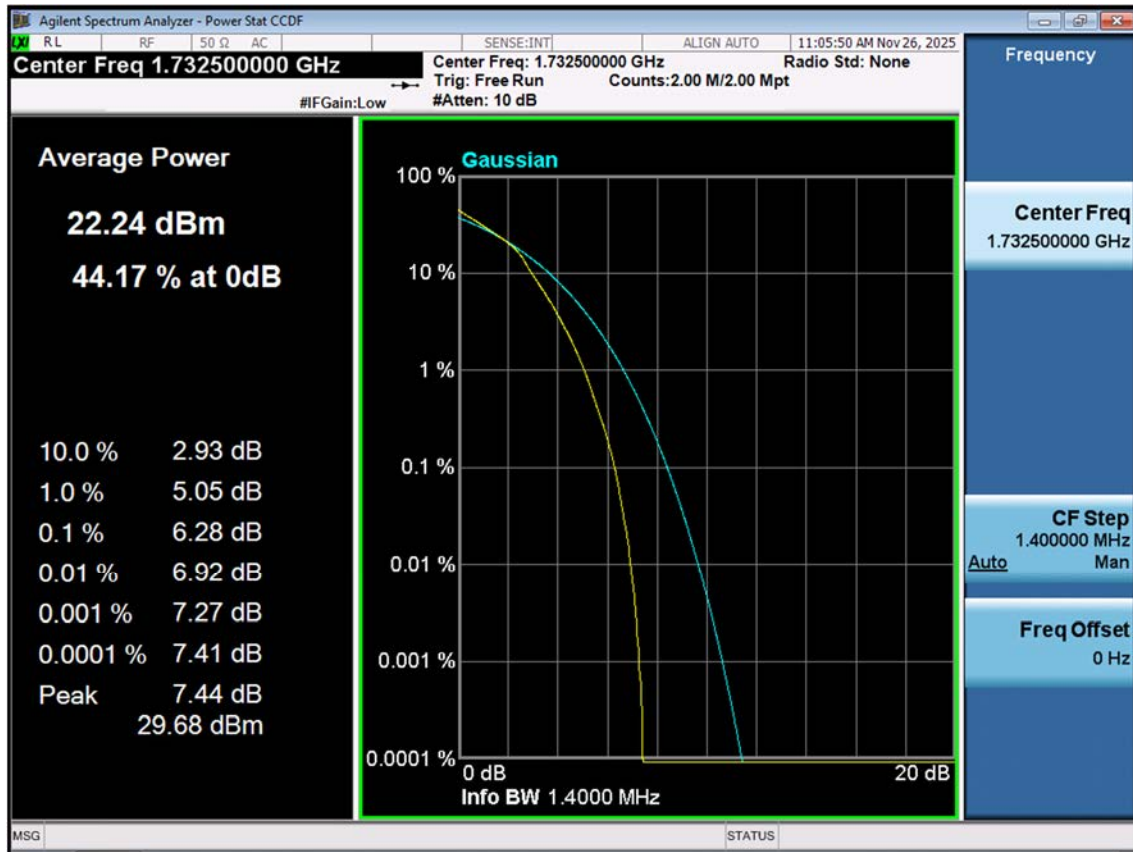


11. TEST PLOTS(Ant F)

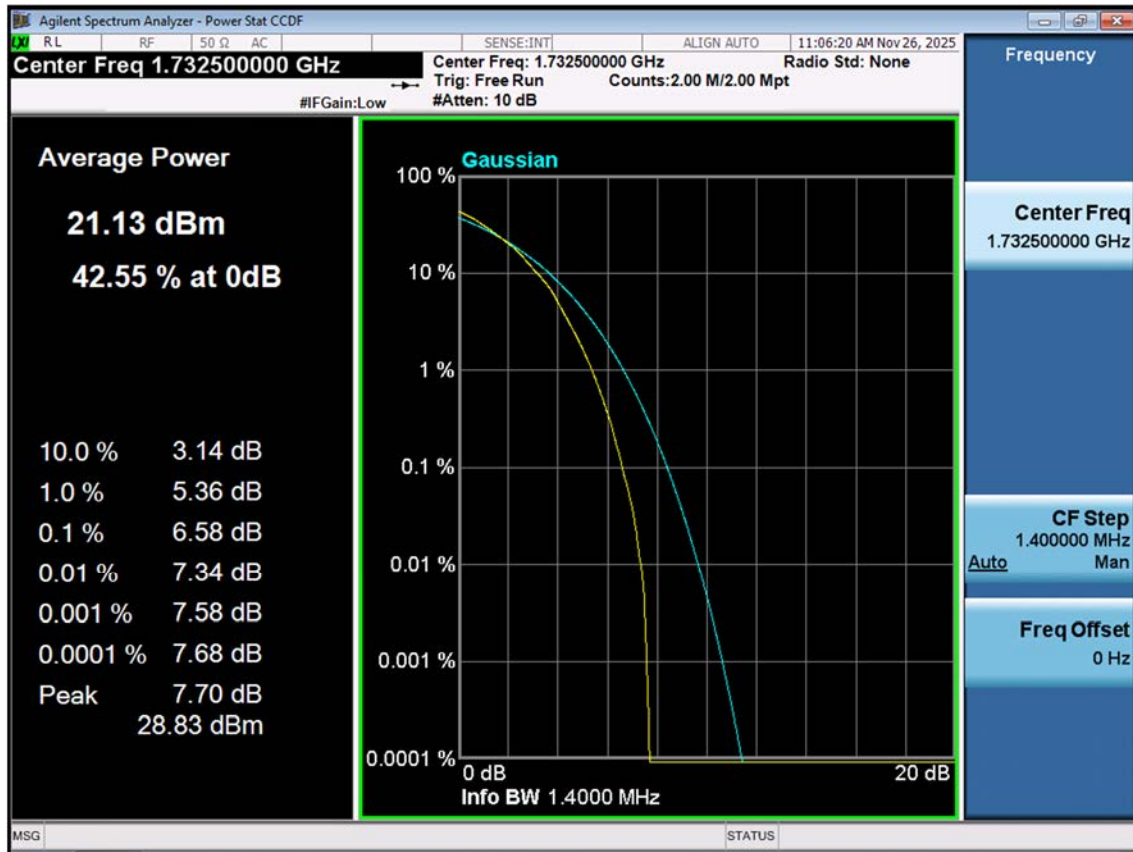
LTE B4_1.4 M_PAR_Mid_QPSK_FullRB



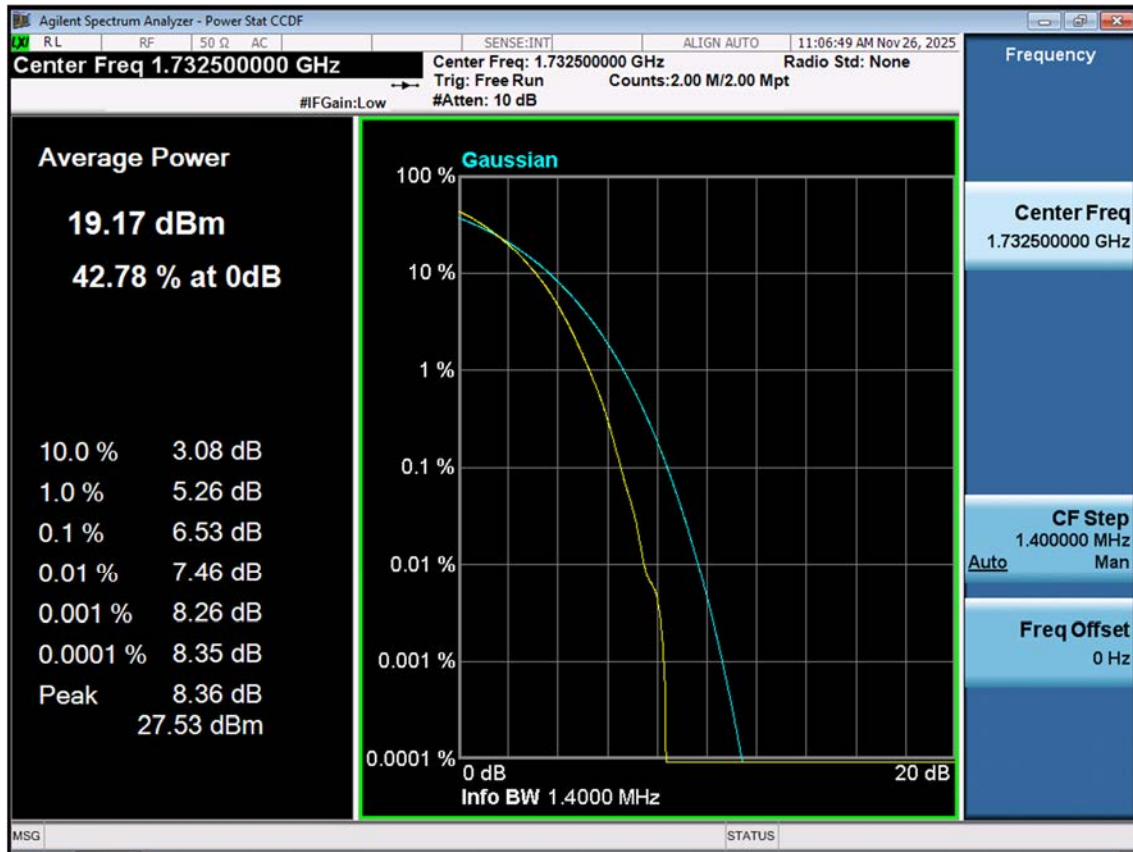
LTE B4_1.4 M_PAR_Mid_16QAM_FullRB



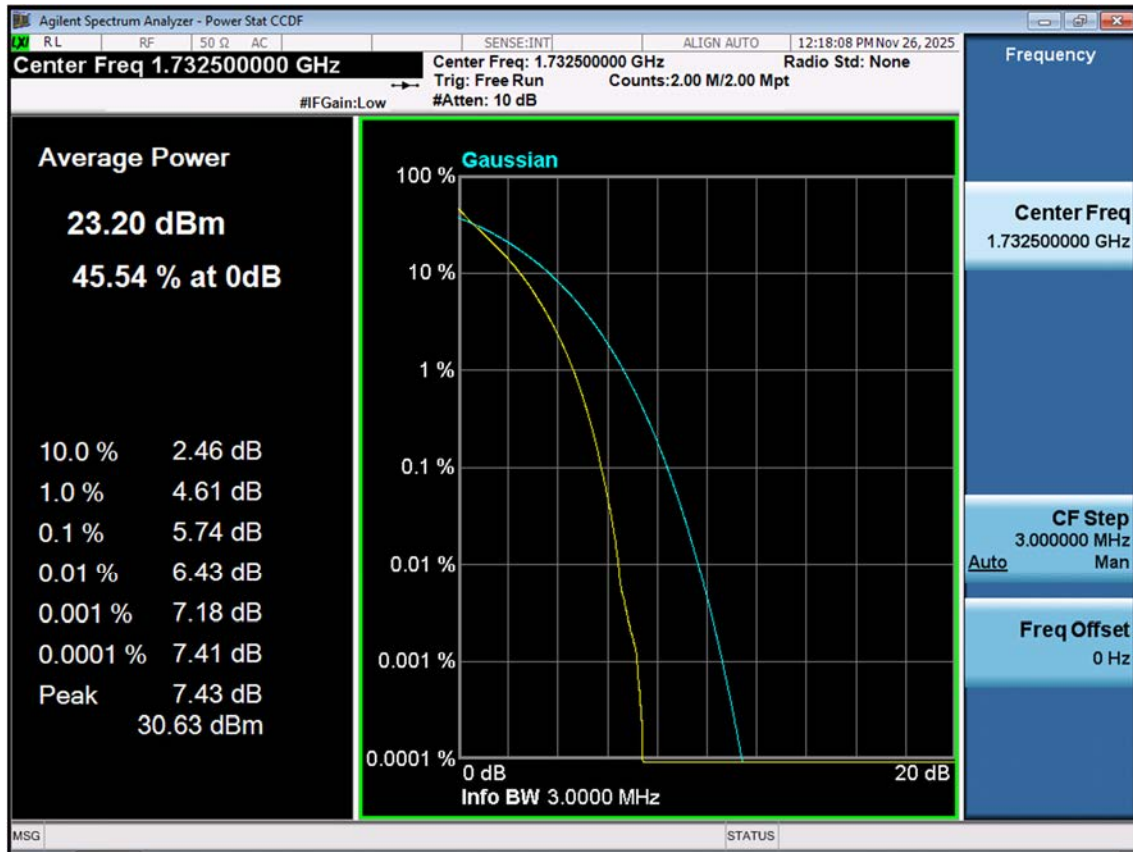
LTE B4_1.4 M_PAR_Mid_64QAM_FullRB



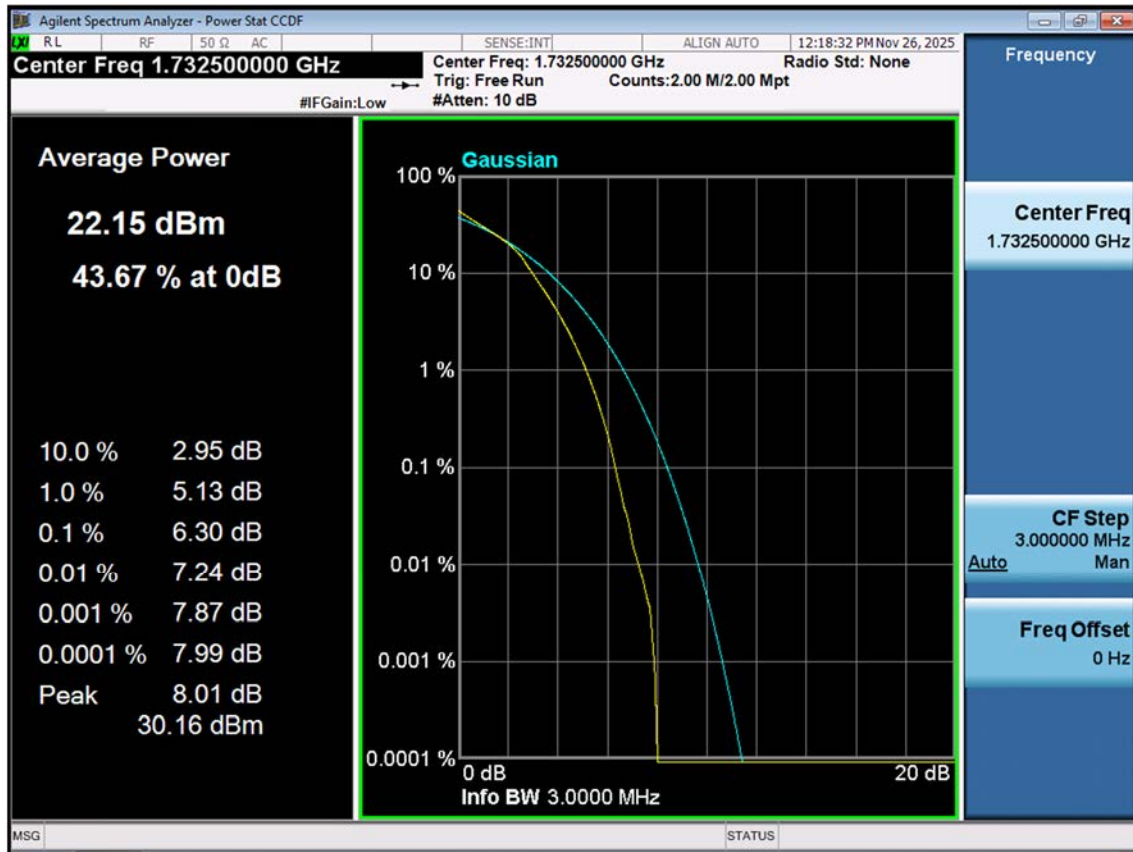
LTE B4_1.4 M_PAR_Mid_256QAM_FullRB



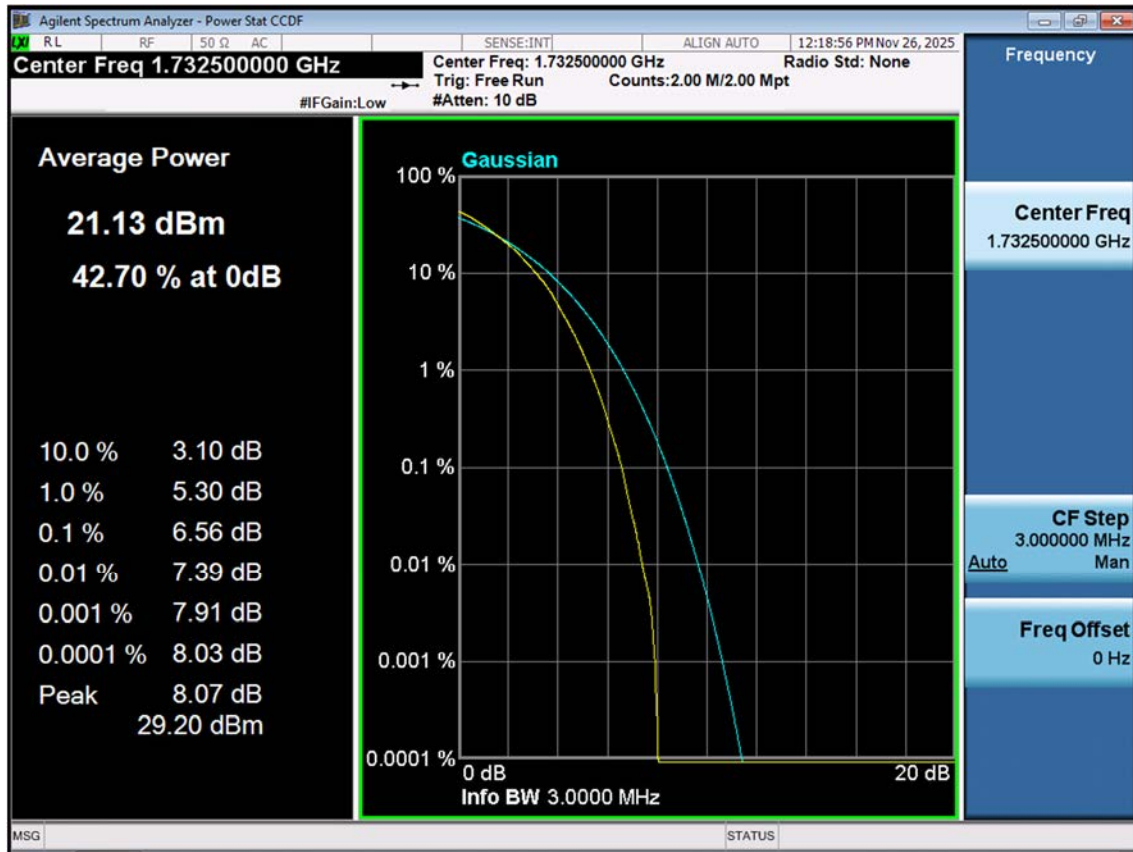
LTE B4_3 M_PAR_Mid_QPSK_FullRB



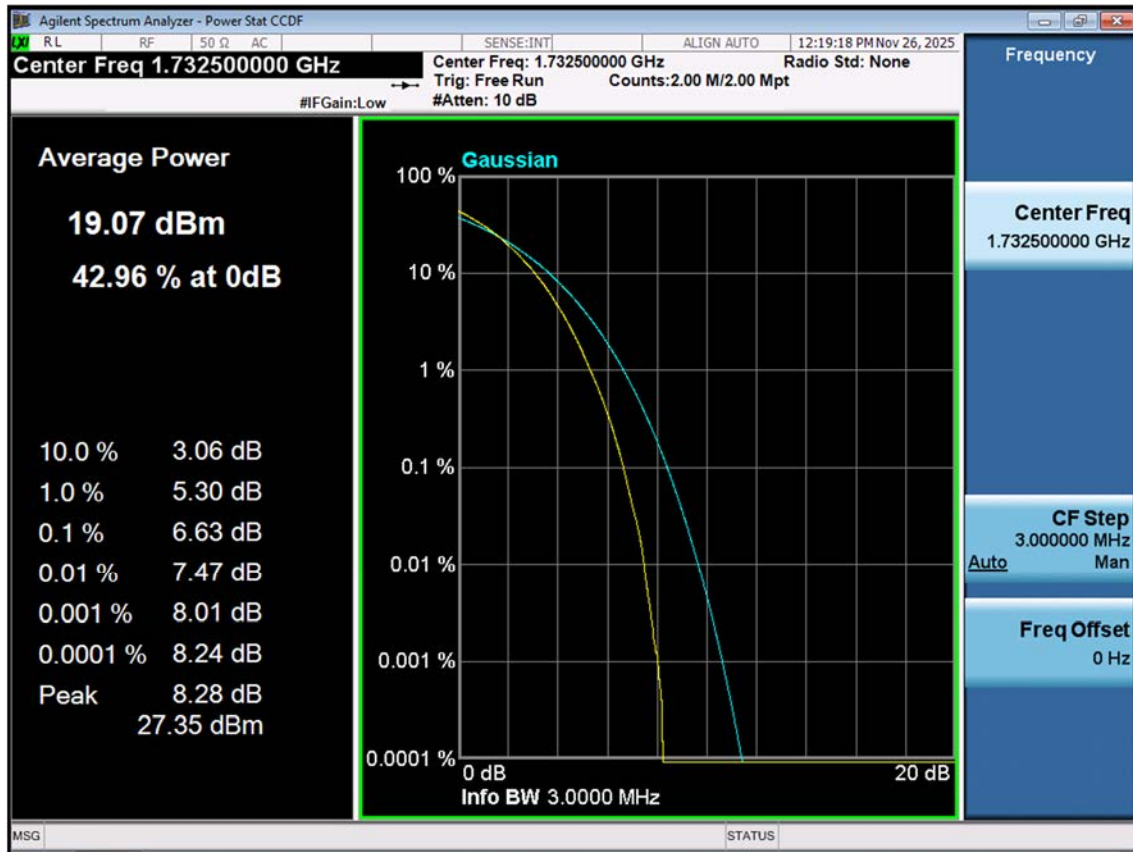
LTE B4_3 M_PAR_Mid_16QAM_FullRB



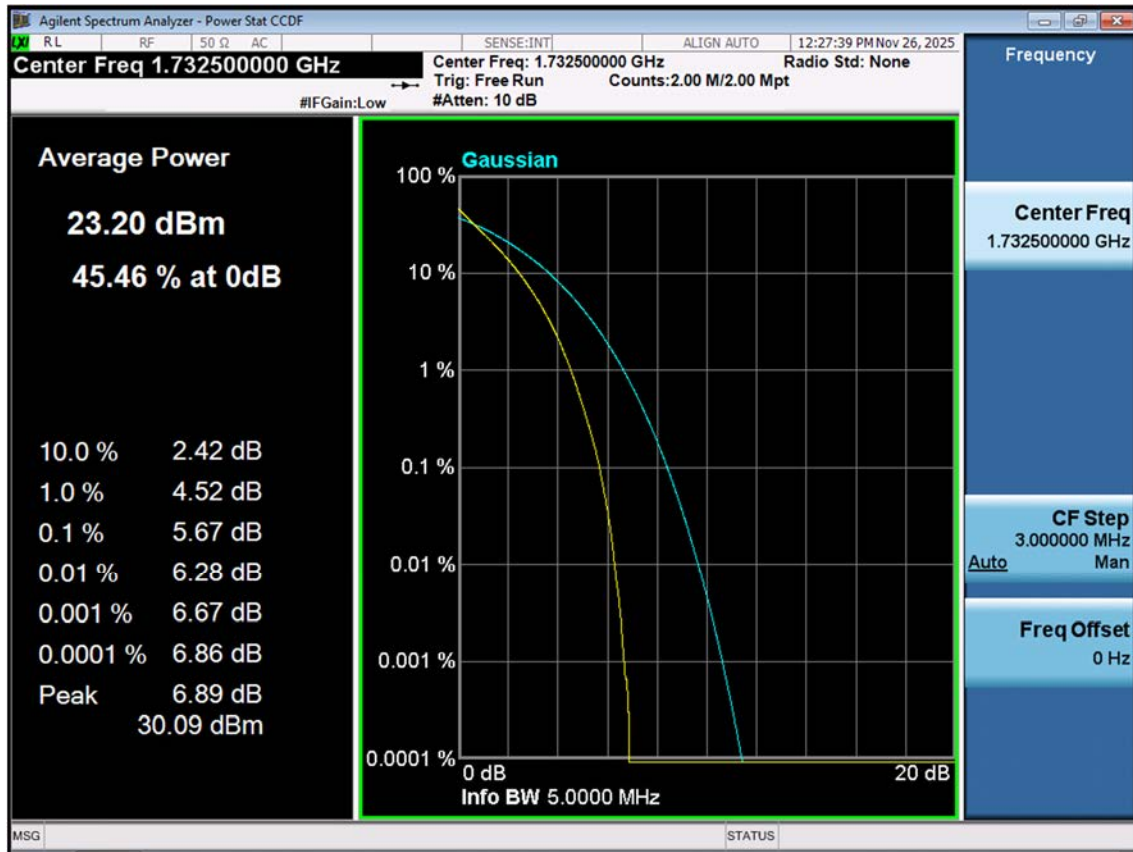
LTE B4_3 M_PAR_Mid_64QAM_FullRB



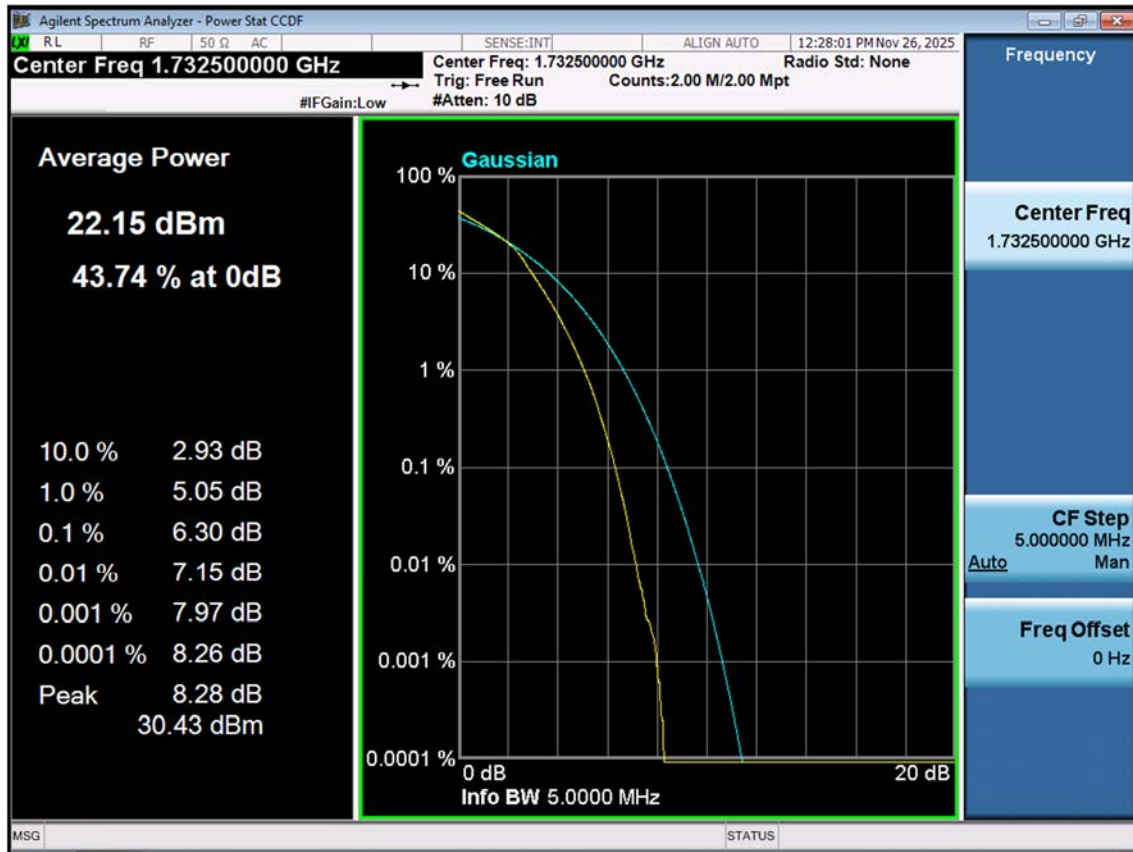
LTE B4_3 M_PAR_Mid_256QAM_FullRB



LTE B4_5 M_PAR_Mid_QPSK_FullRB



LTE B4_5 M_PAR_Mid_16QAM_FullRB



LTE B4_5 M_PAR_Mid_64QAM_FullRB

