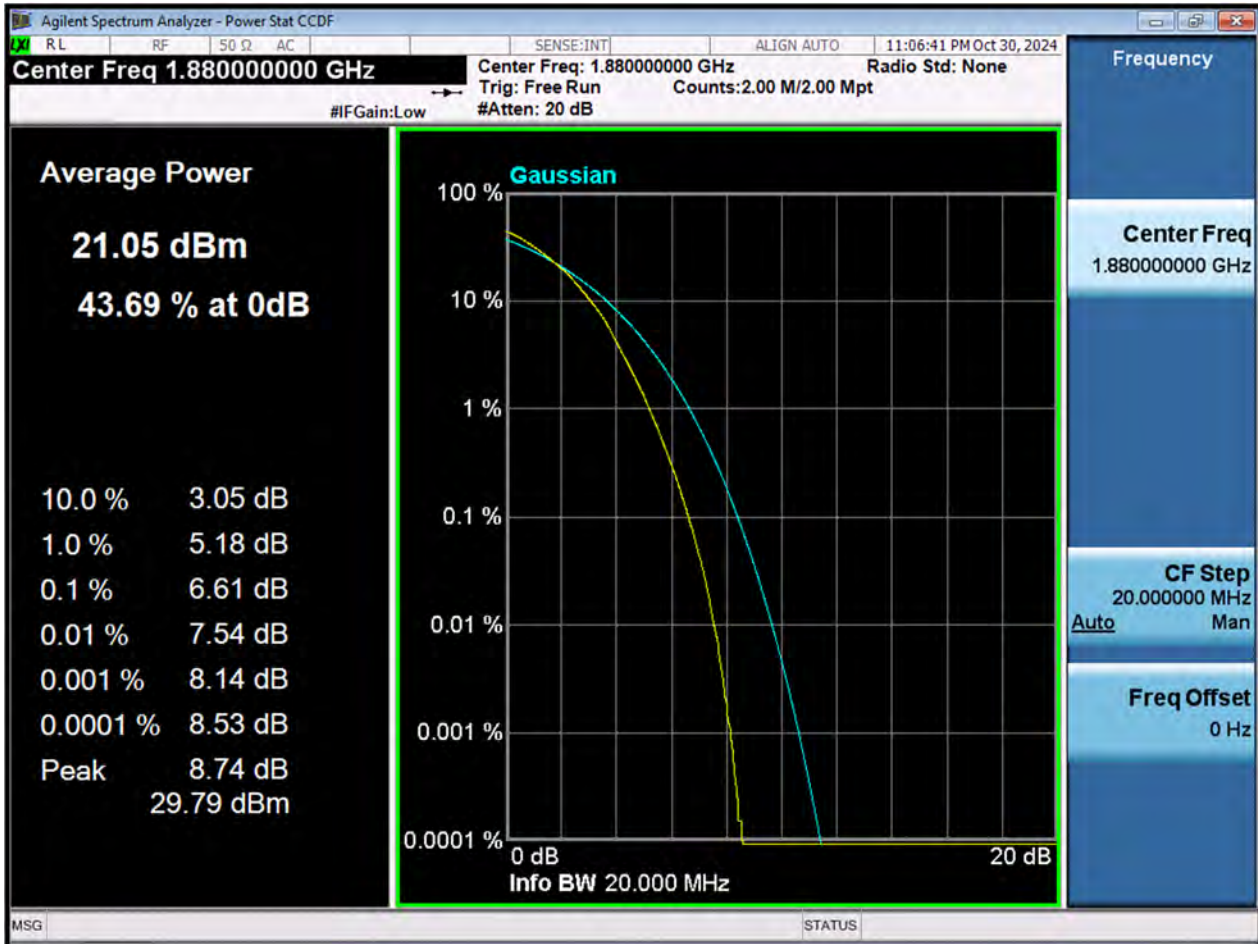
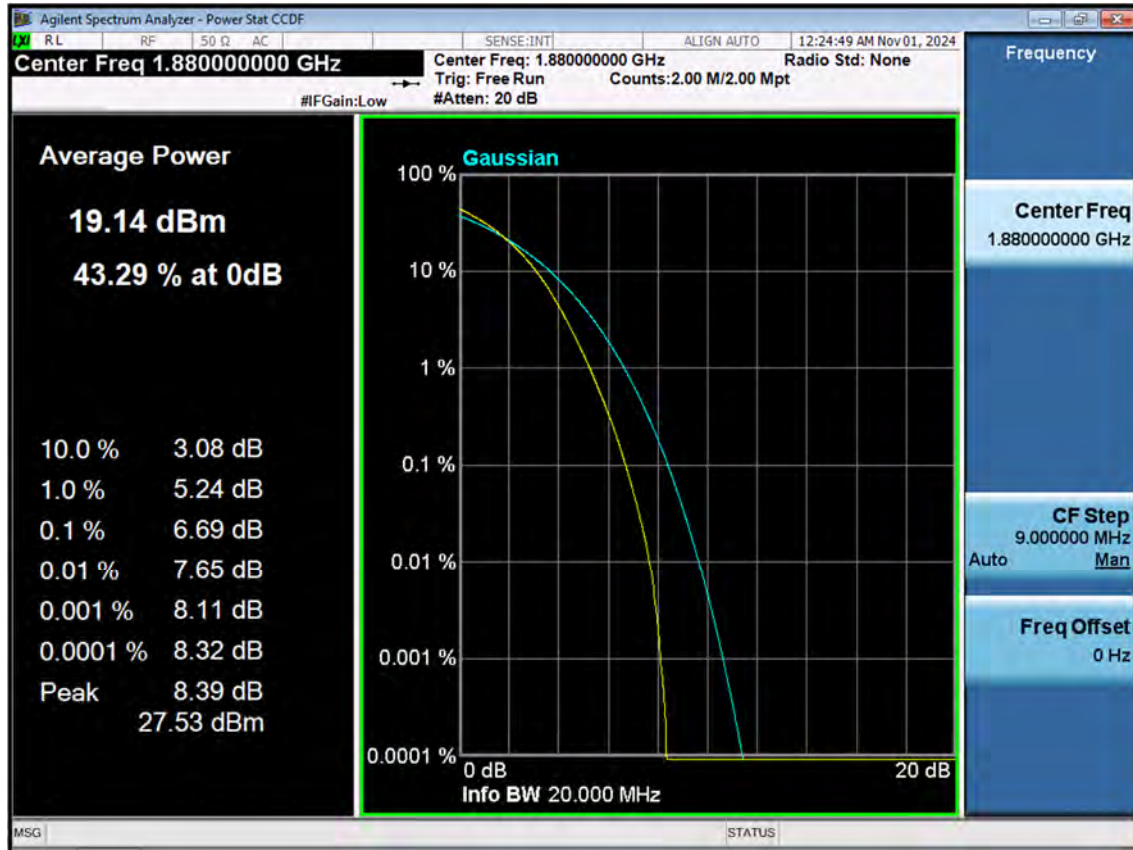


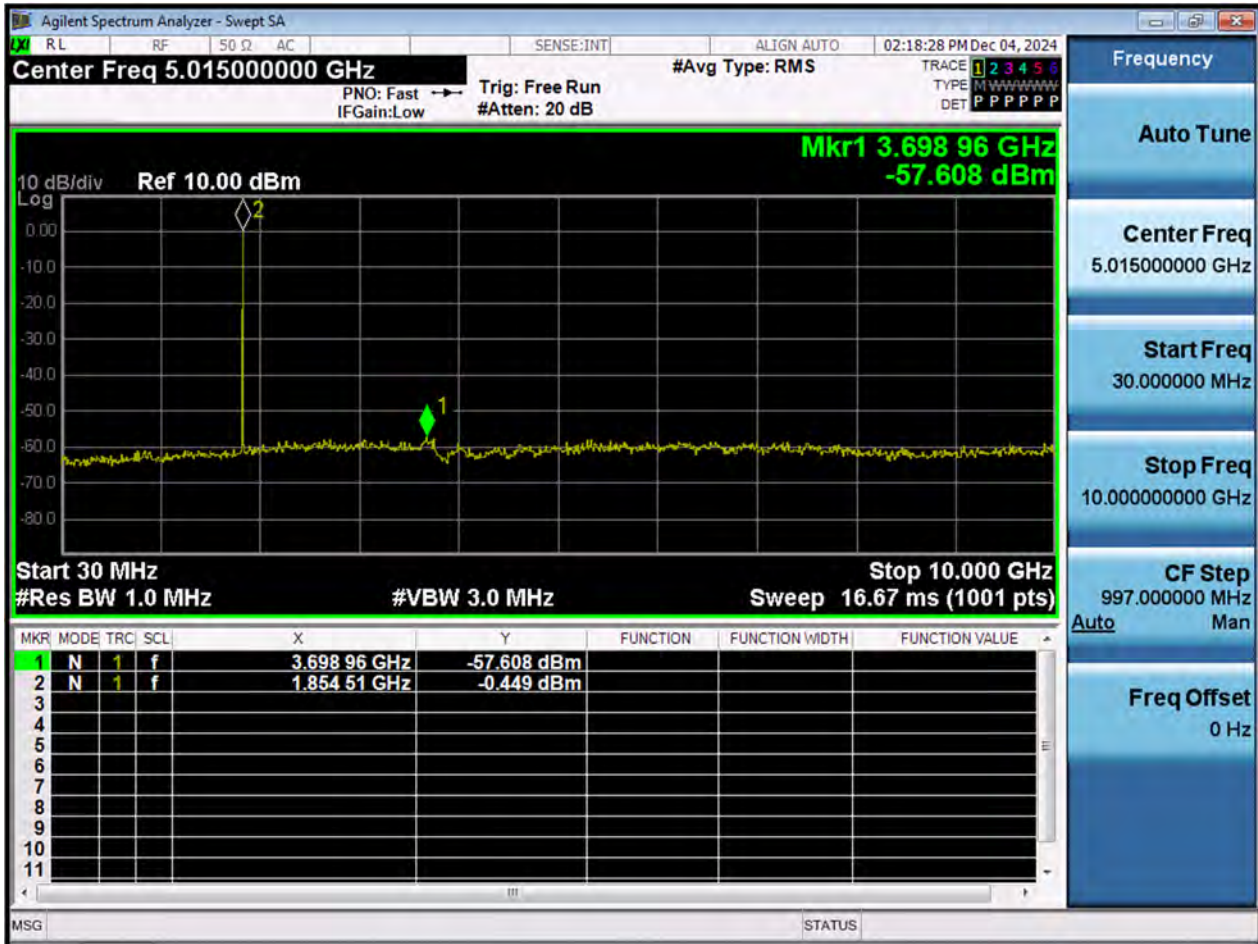
LTE2_20 M_PAR_Middle Channel_64QAM_FullRB



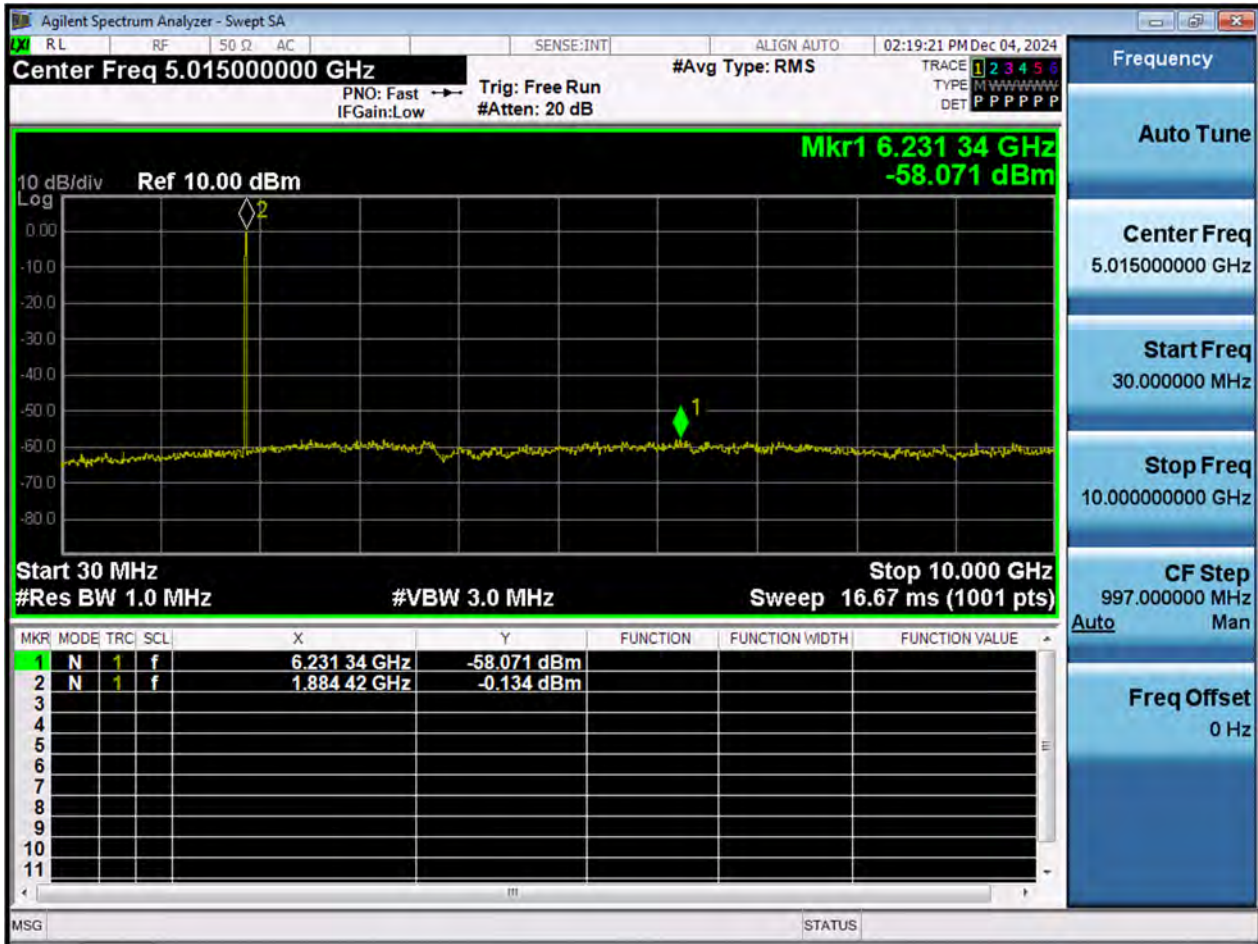
LTE2_20 M_PAR_Middle Channel_256QAM_FullRB



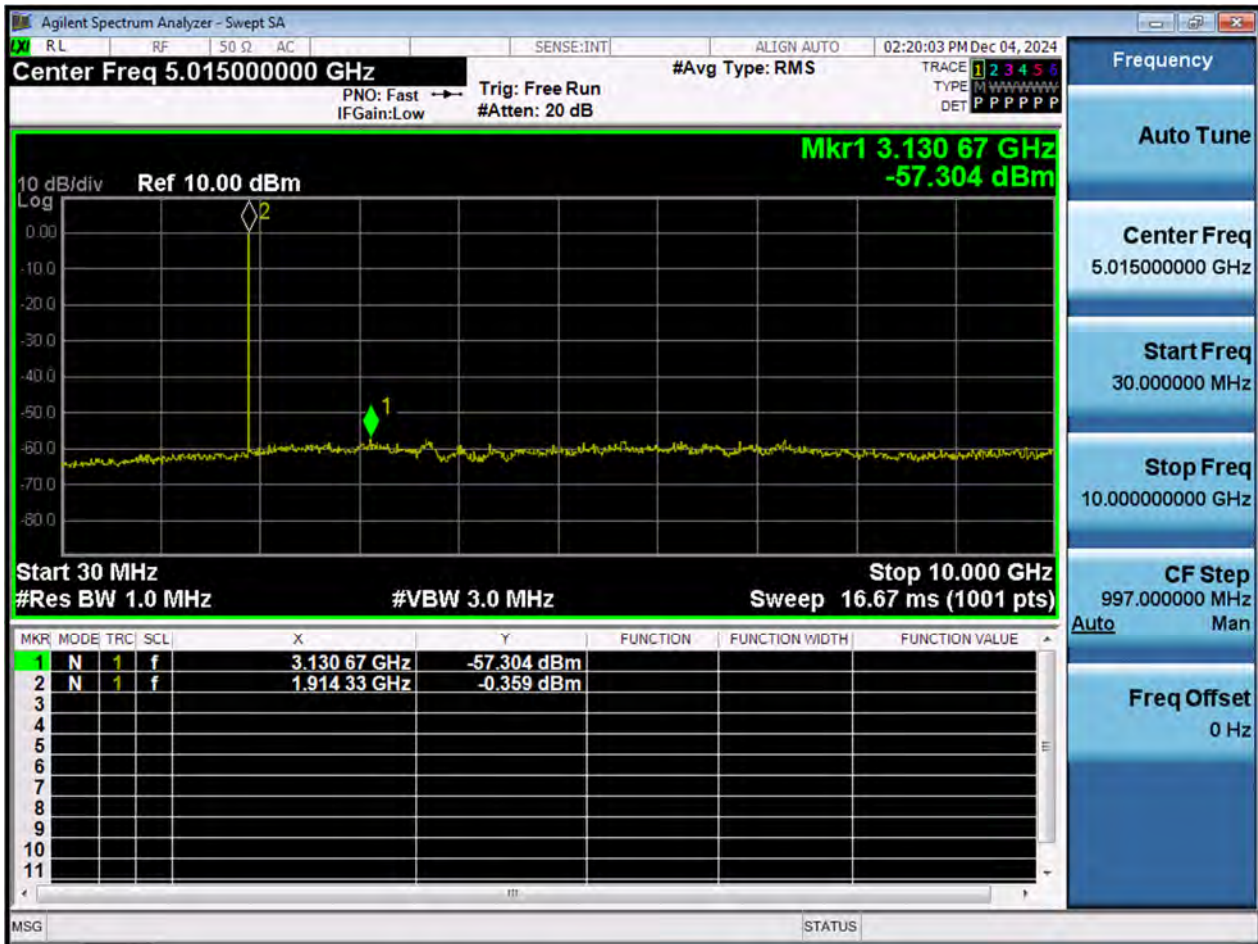
LTE2_1.4 M_CSE(30 M-10 G)_Lowest Channel_QPSK_1RB



LTE2_1.4 M_CSE(30 M-10 G)_Middle Channel_QPSK_1RB



LTE2_1.4 M_CSE(30 M-10 G)_Highest Channel_QPSK_1RB



Center Freq 5.01500000 GHz
#Ave Type: RMS
 PNO: Fast → IFGain: Low
 Trig: Free Run #Atten: 20 dB
 TRACE 1 2 3 4 5 6
 TYPE M N H L S W V X Y Z
 DET P P P P P P

Mkr1 6.889 36 GHz
 -58.140 dBm

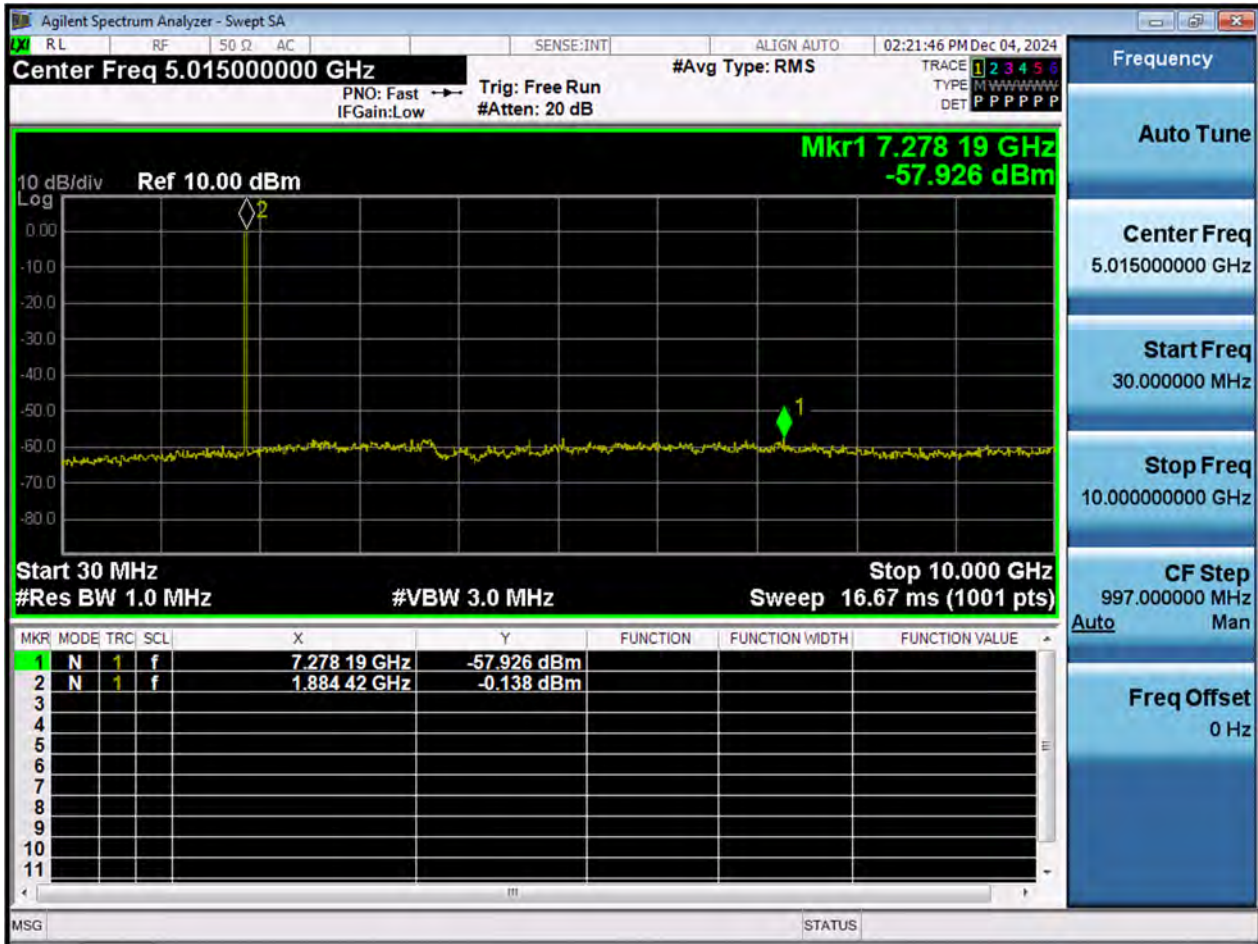
10 dB/div Ref 10.00 dBm

Start 30 MHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 10.000 GHz Sweep 16.67 ms (1001 pts)

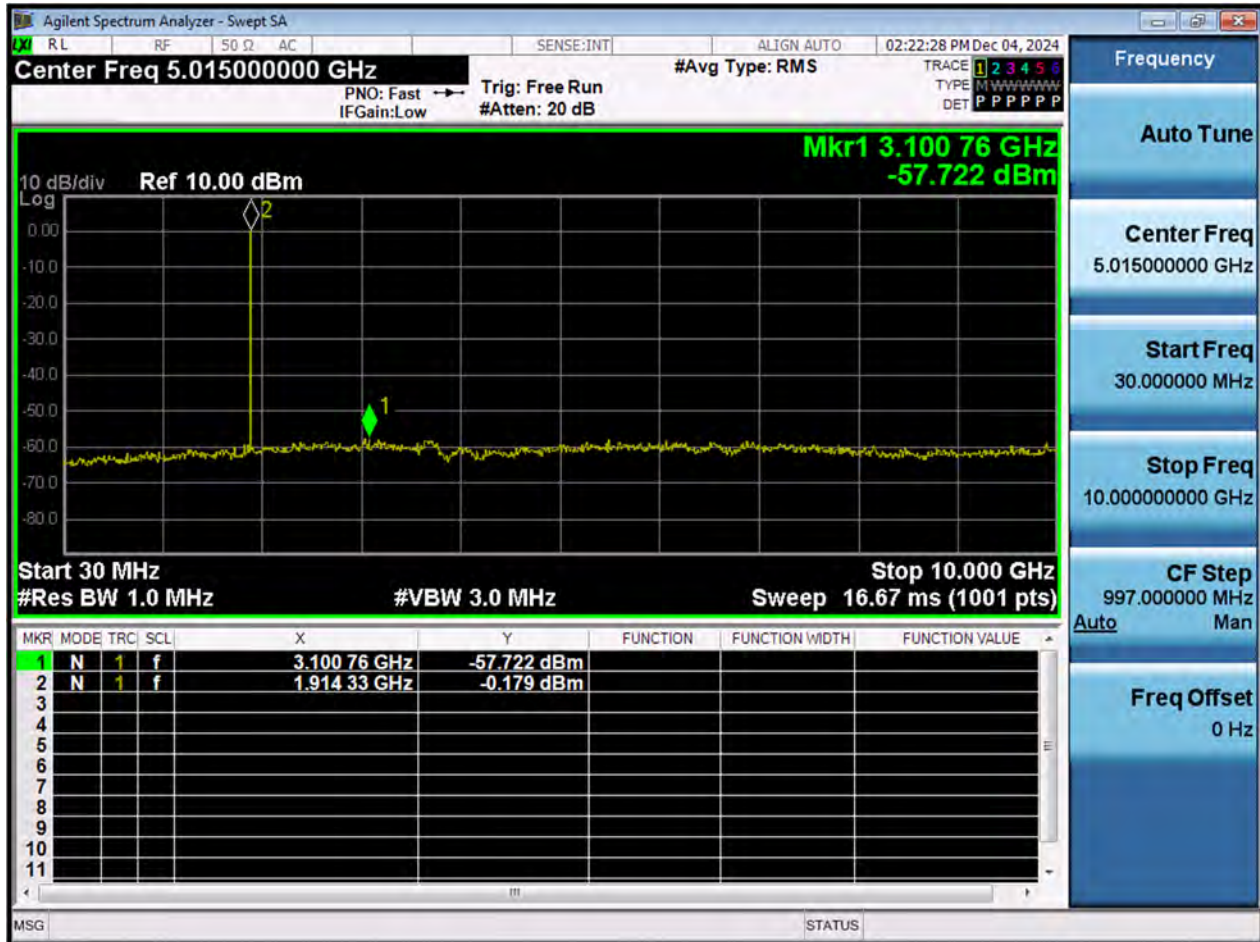
MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	6.889 36 GHz	-58.140 dBm			
2	N	1	f	1.854 51 GHz	-0.404 dBm			
3								
4								
5								
6								
7								
8								
9								
10								
11								

Frequency
Auto Tune
Center Freq
5.01500000 GHz
Start Freq
30.000000 MHz
Stop Freq
10.00000000 GHz
CF Step
997.000000 MHz
Freq Offset
0 Hz

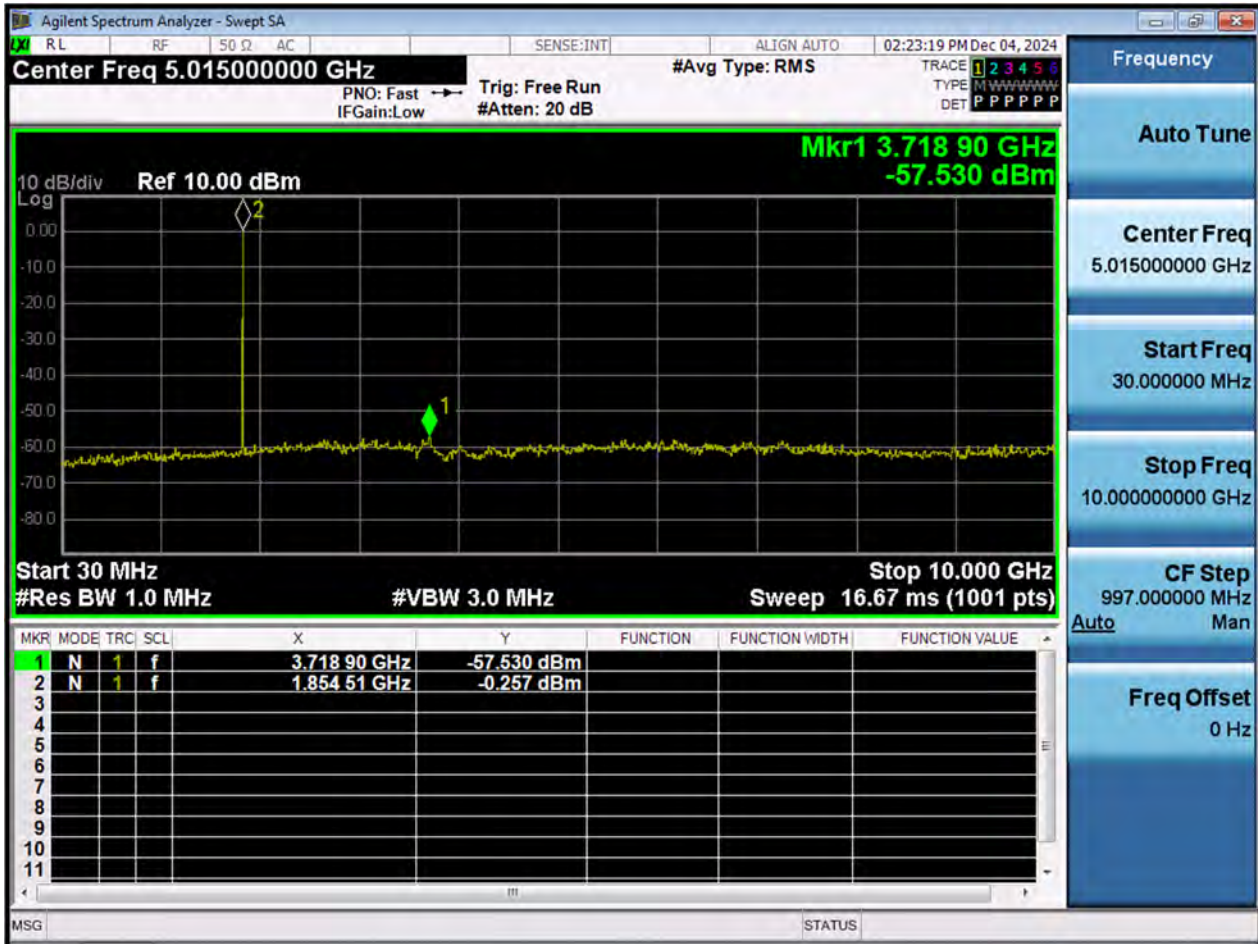
LTE2_3 M_CSE(30 M-10 G)_Middle Channel_QPSK_1RB



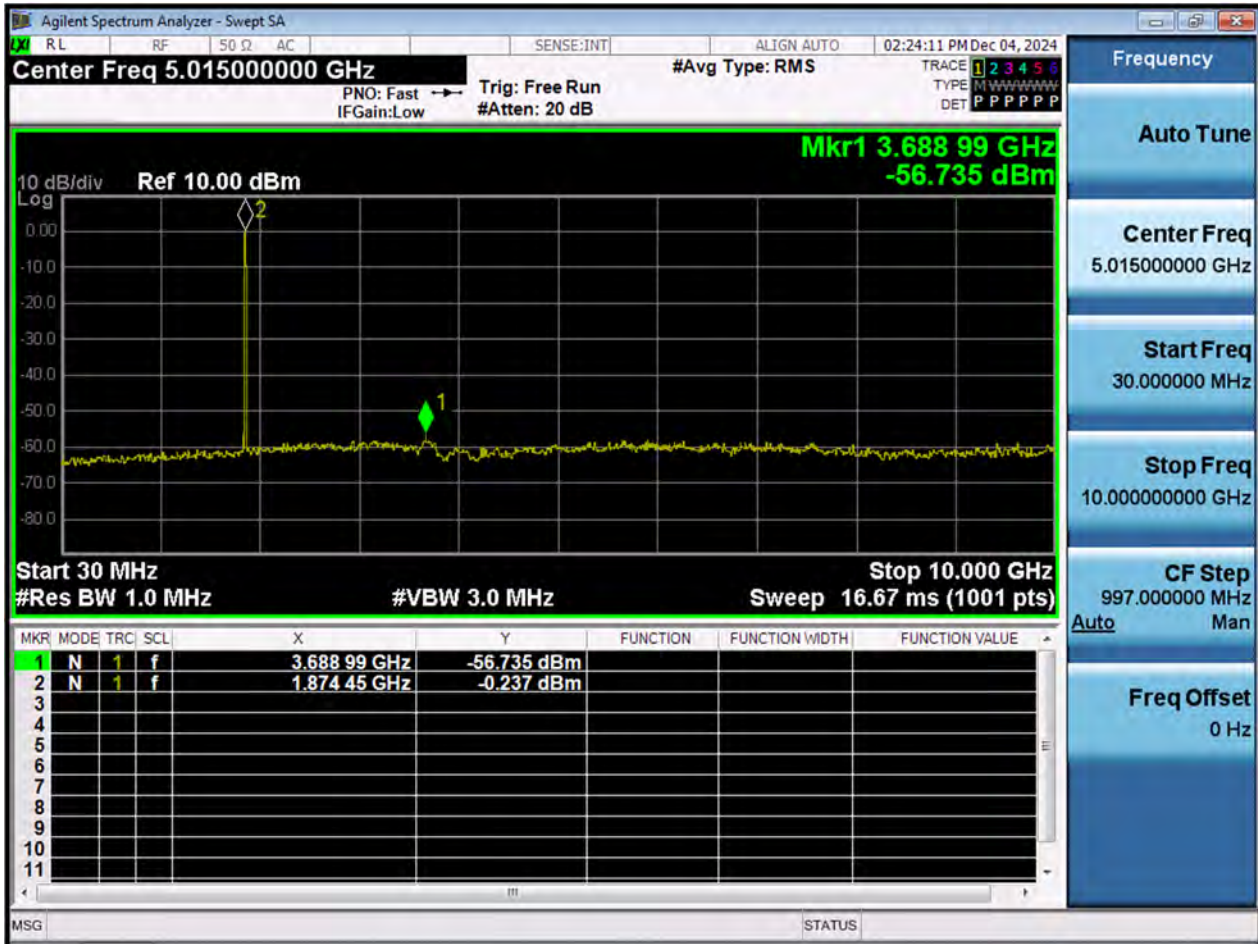
LTE2_3 M_CSE(30 M-10 G)_Highest Channel_QPSK_1RB



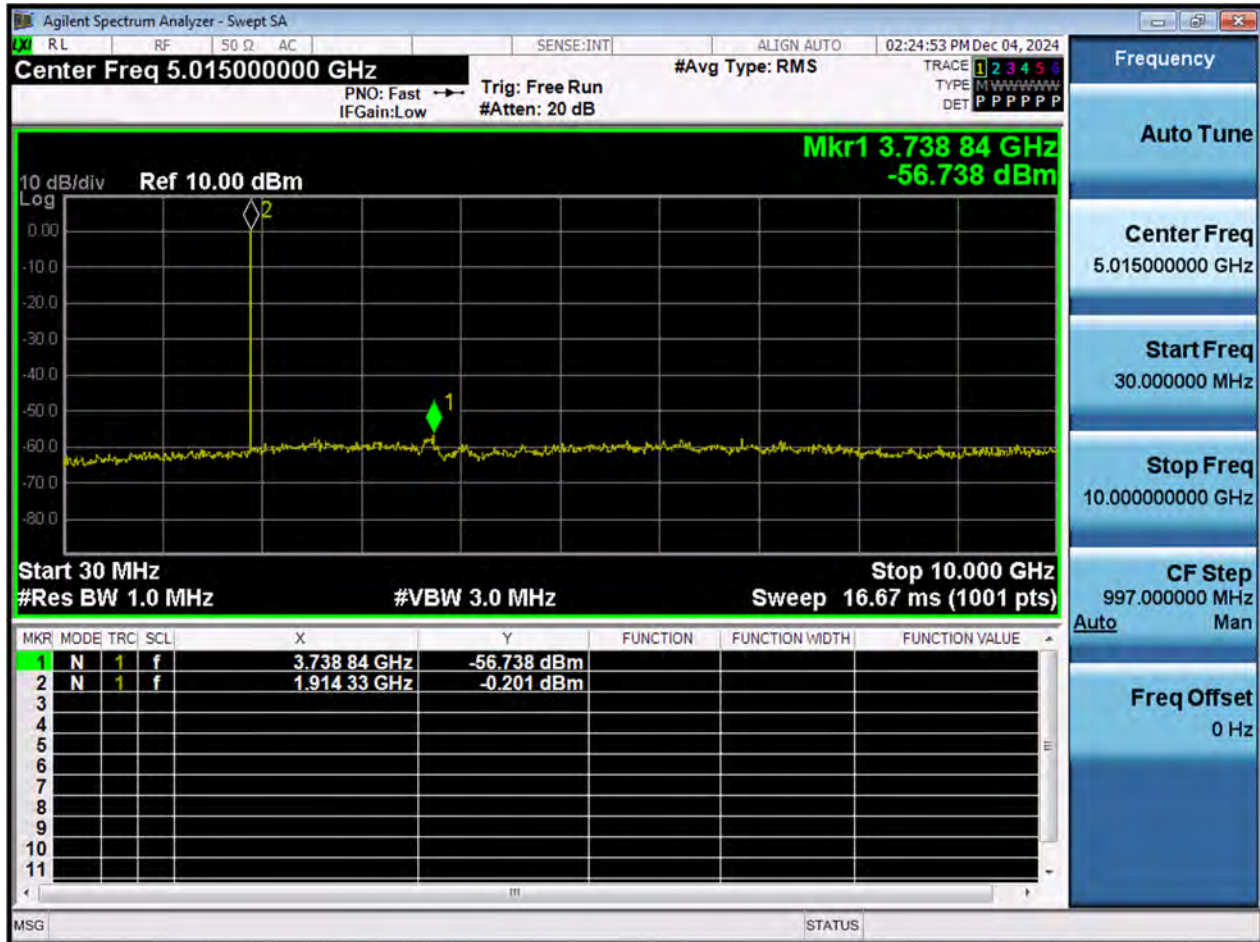
LTE2_5 M_CSE(30 M-10 G)_Lowest Channel_QPSK_1RB



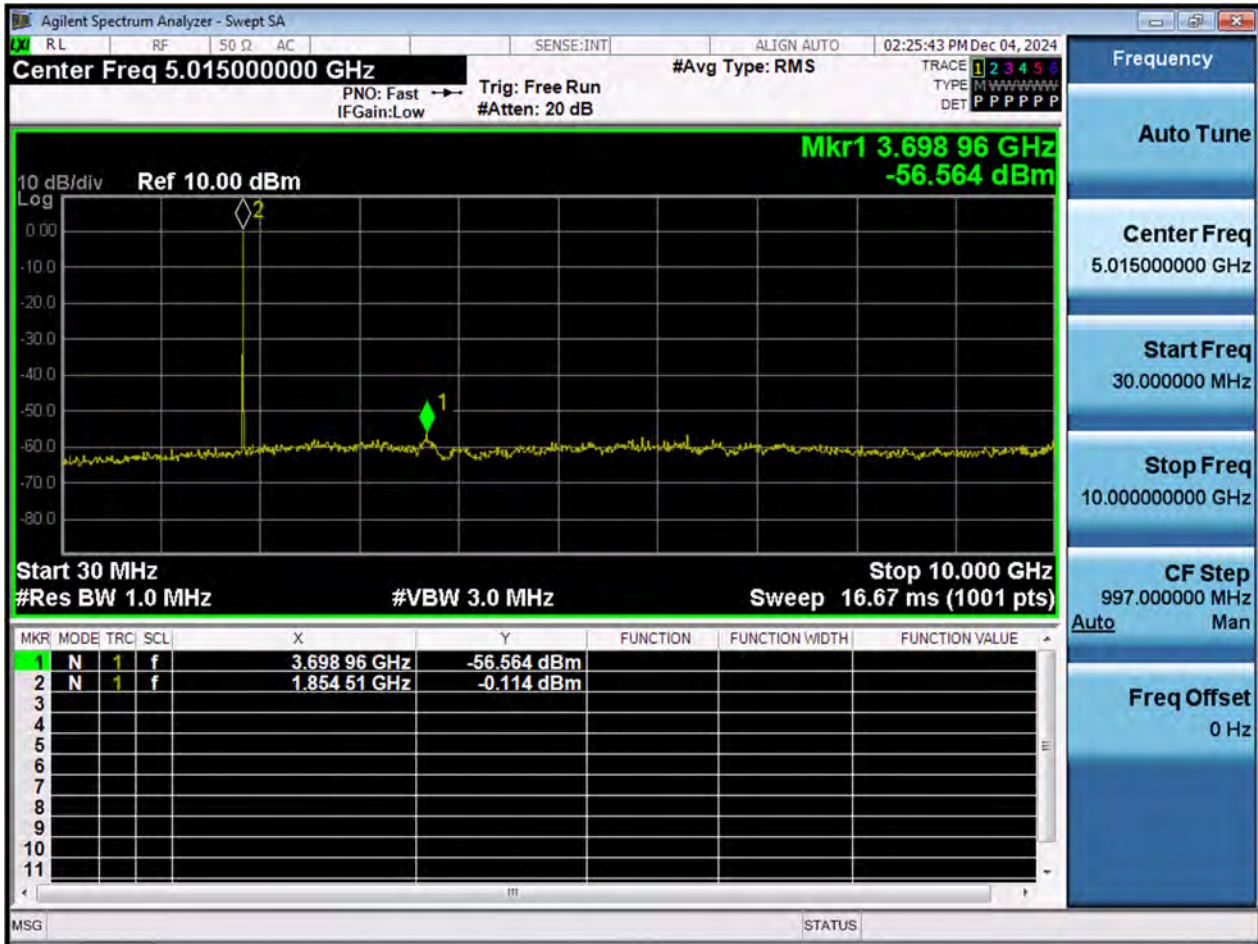
LTE2_5 M_CSE(30 M-10 G)_Middle Channel_QPSK_1RB



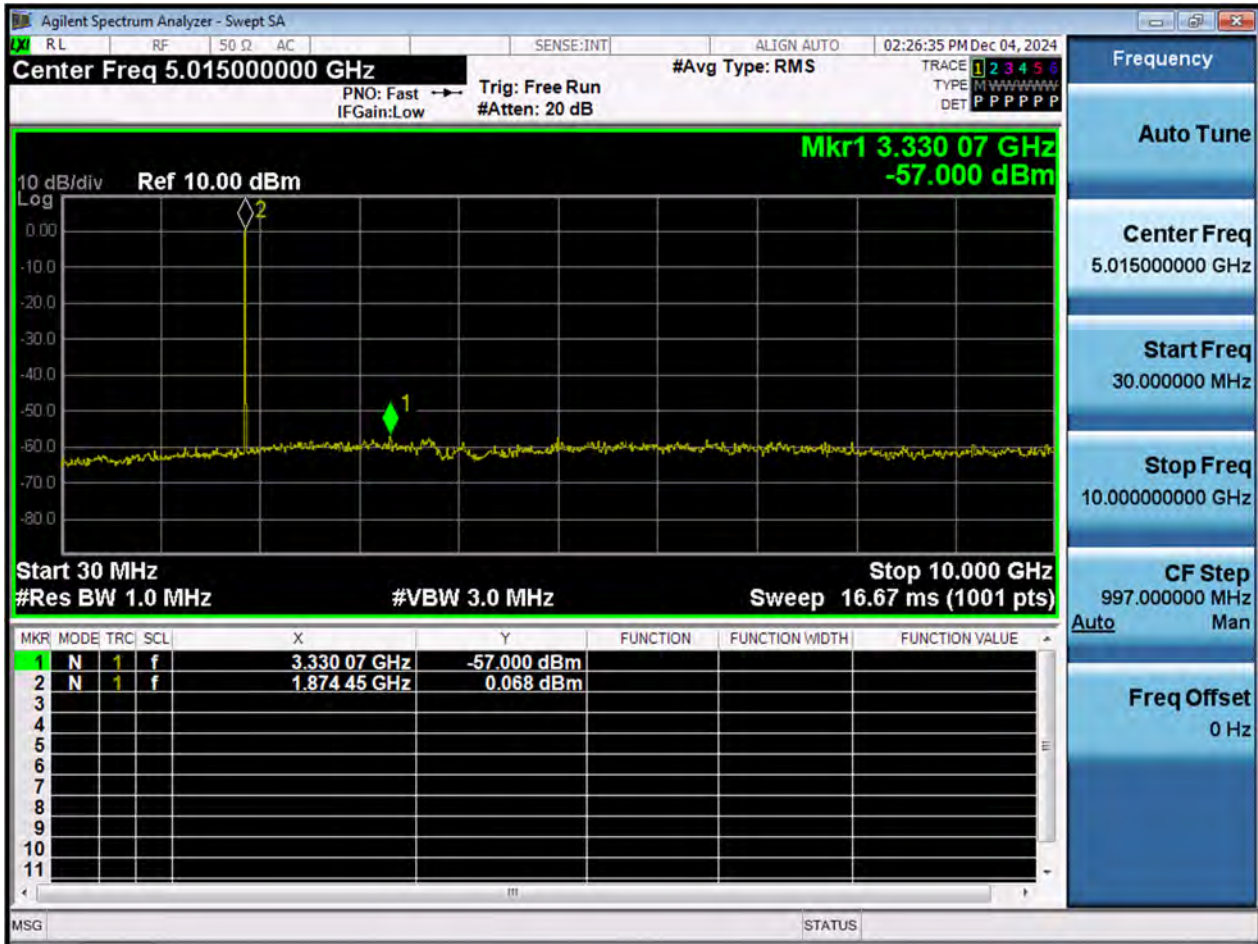
LTE2_5 M_CSE(30 M-10 G)_Highest Channel_QPSK_1RB



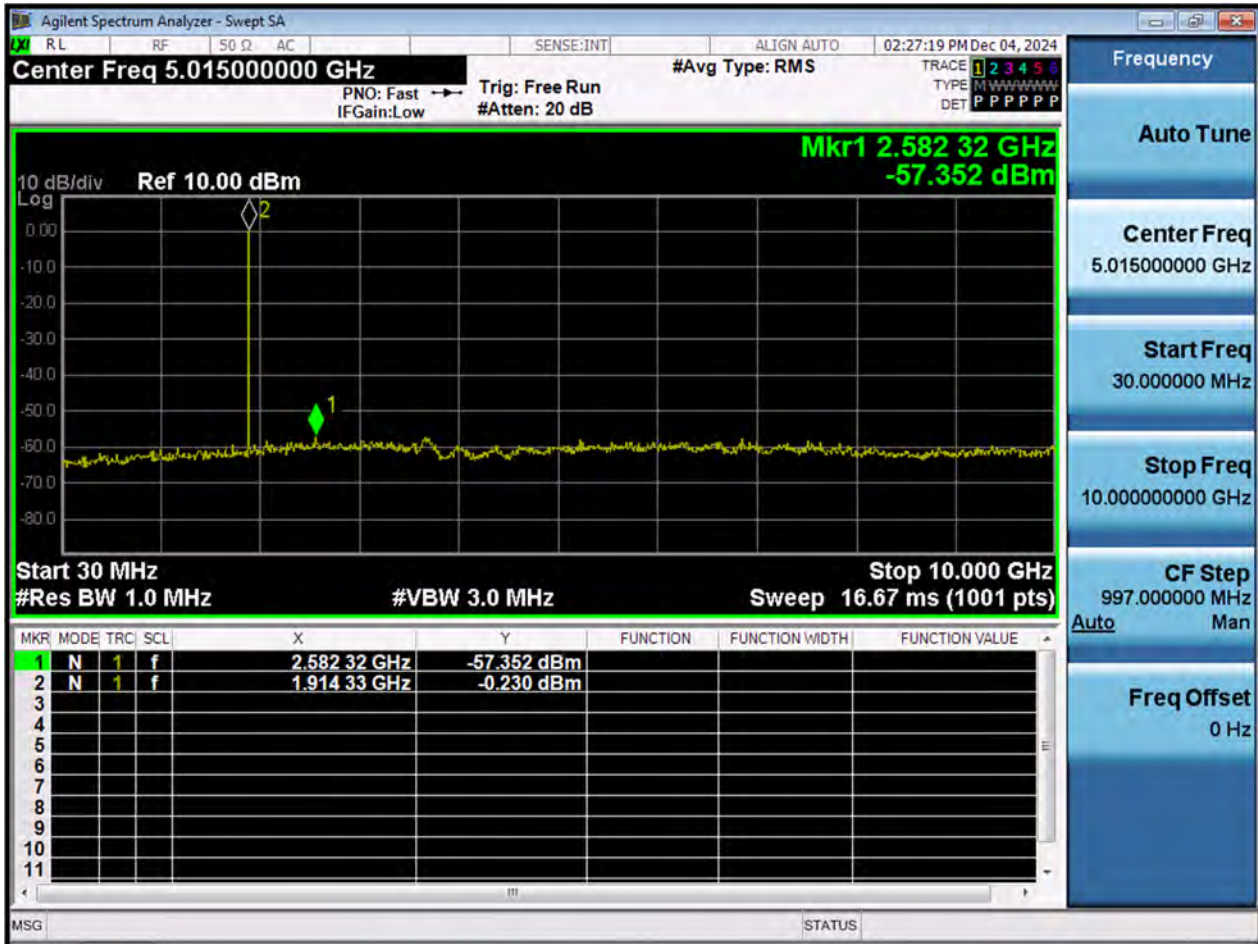
LTE2_10 M_CSE(30 M-10 G)_Lowest Channel_QPSK_1RB



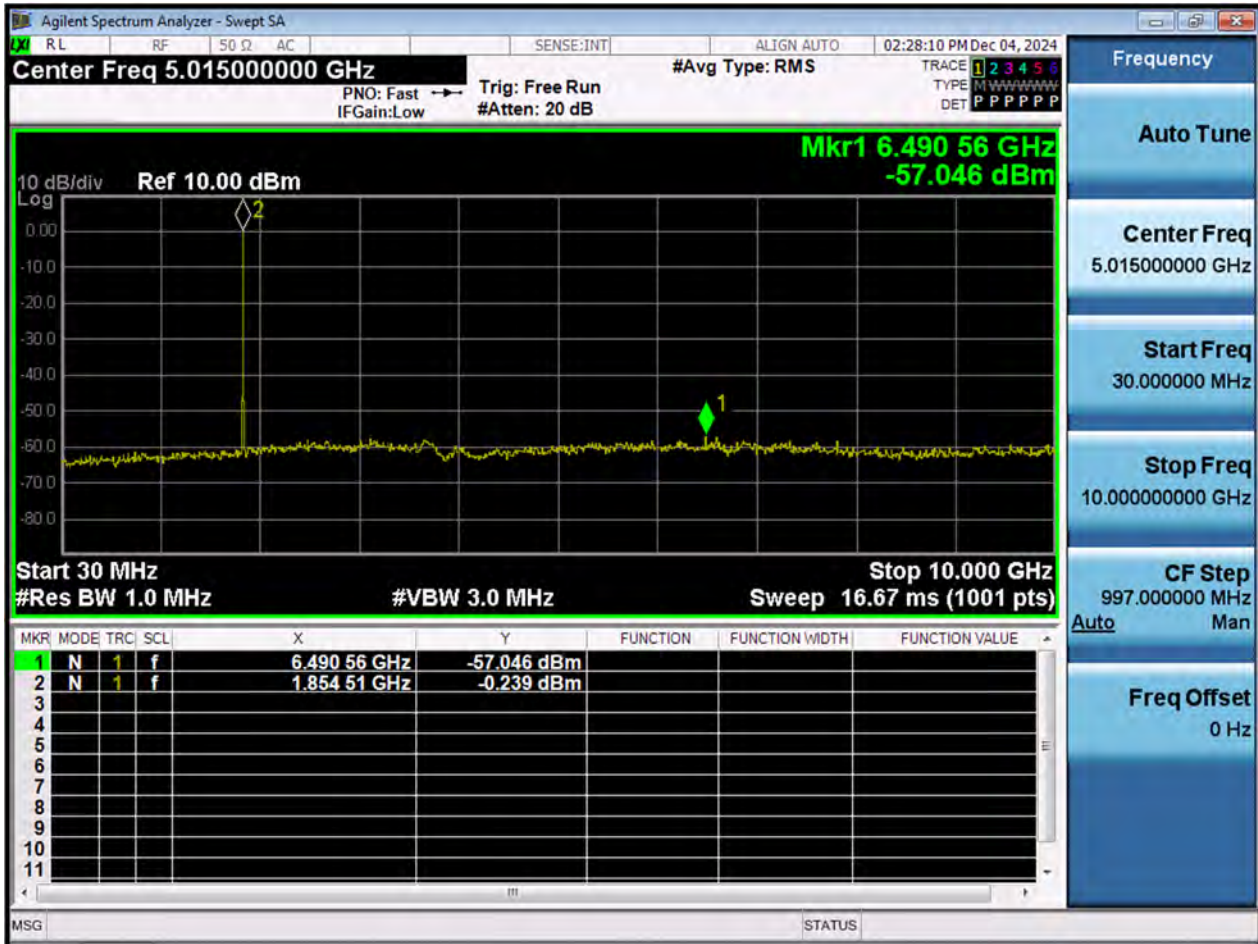
LTE2_10 M_CSE(30 M-10 G)_Middle Channel_QPSK_1RB



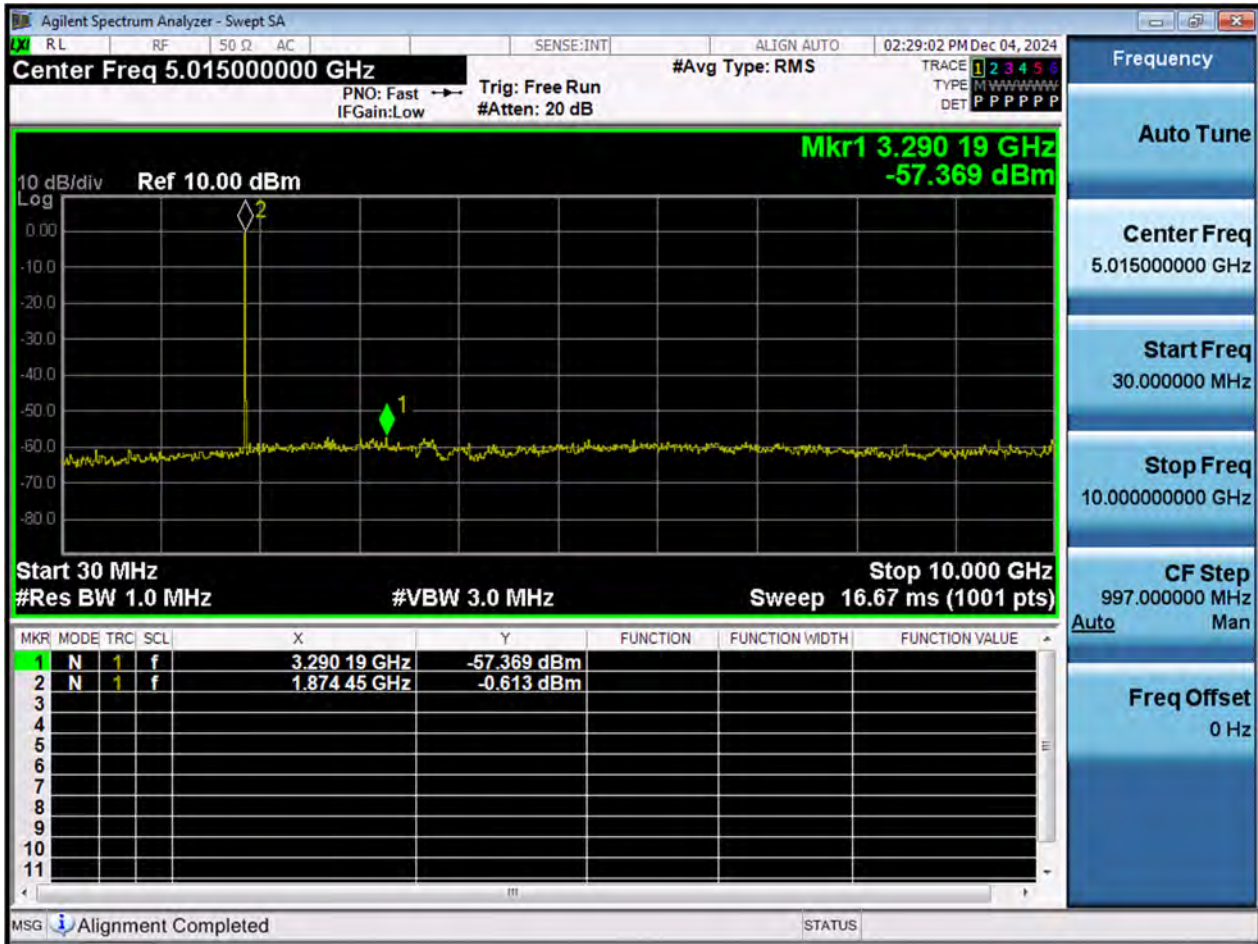
LTE2_10 M_CSE(30 M-10 G)_Highest Channel_QPSK_1RB



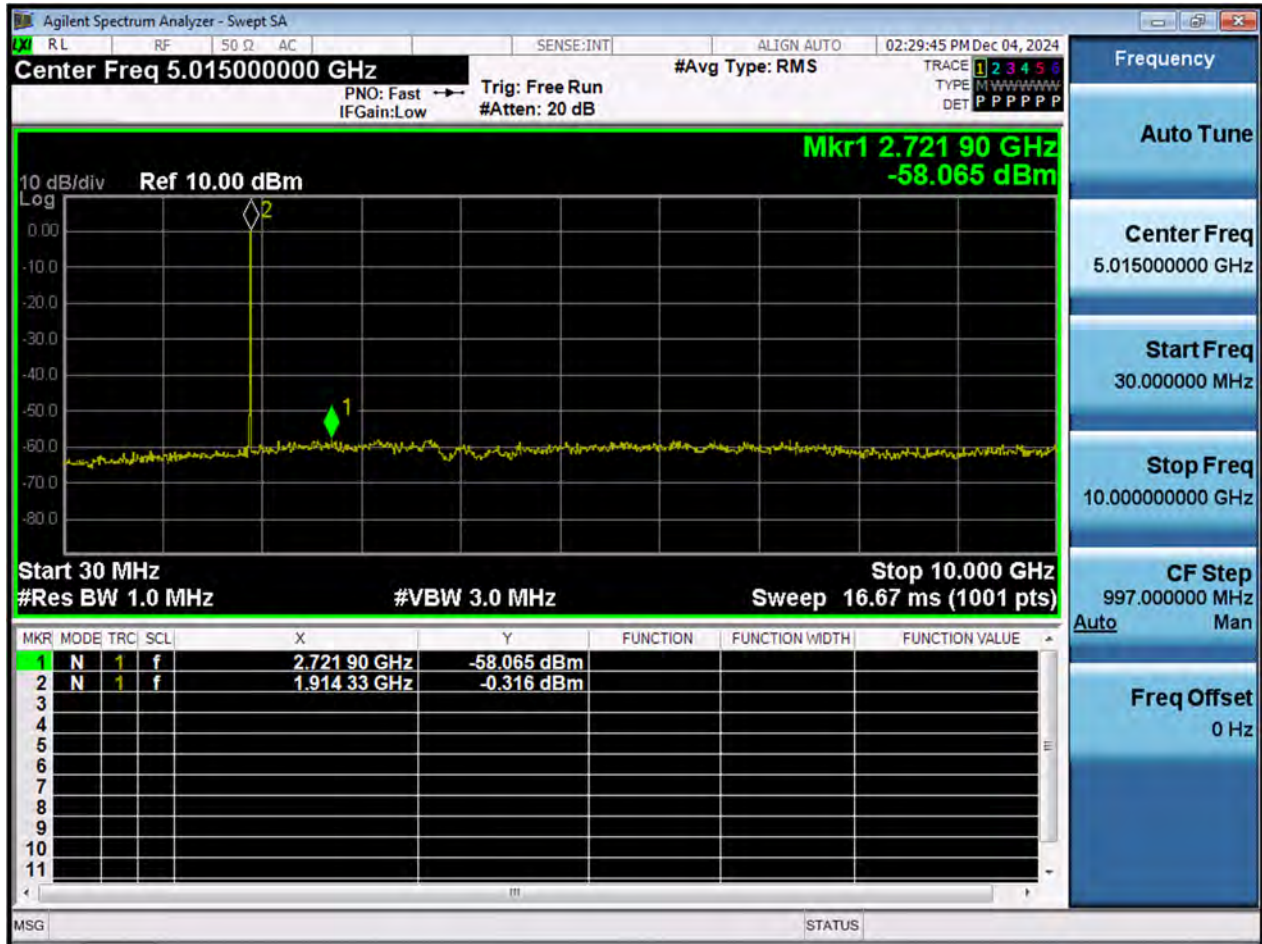
LTE2_15 M_CSE(30 M-10 G)_Lowest Channel_QPSK_1RB



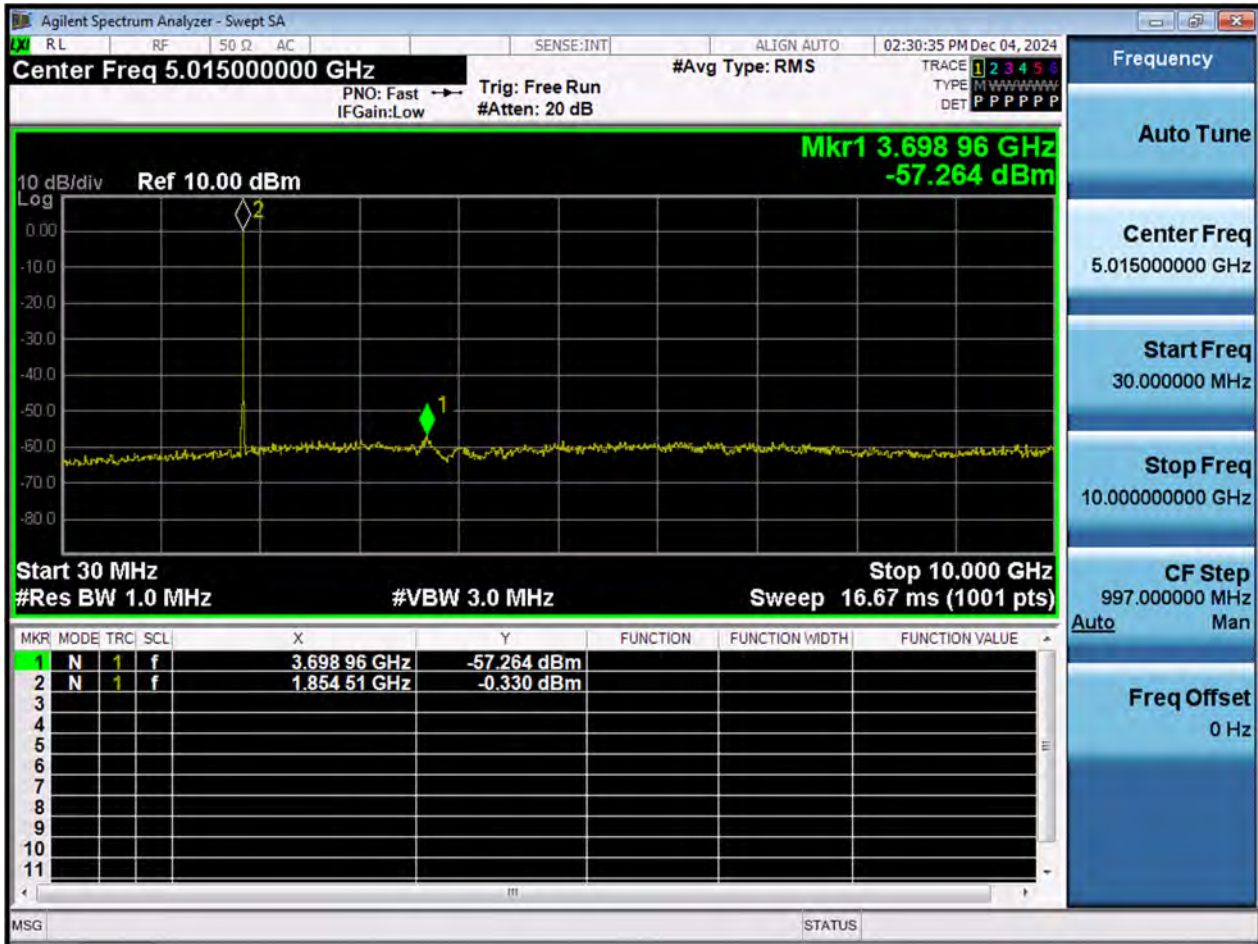
LTE2_15 M_CSE(30 M-10 G)_Middle Channel_QPSK_1RB



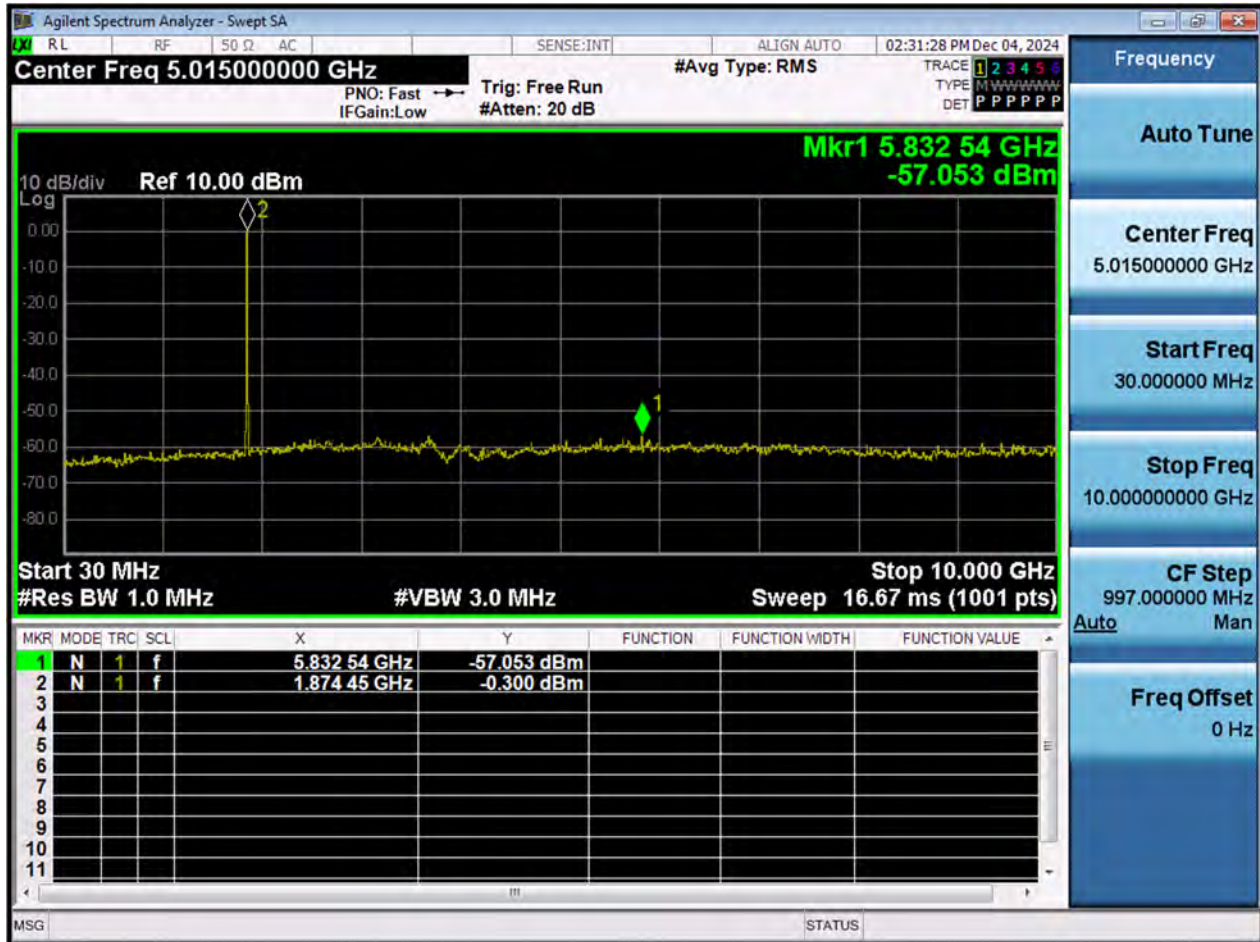
LTE2_15 M_CSE(30 M-10 G)_Highest Channel_QPSK_1RB



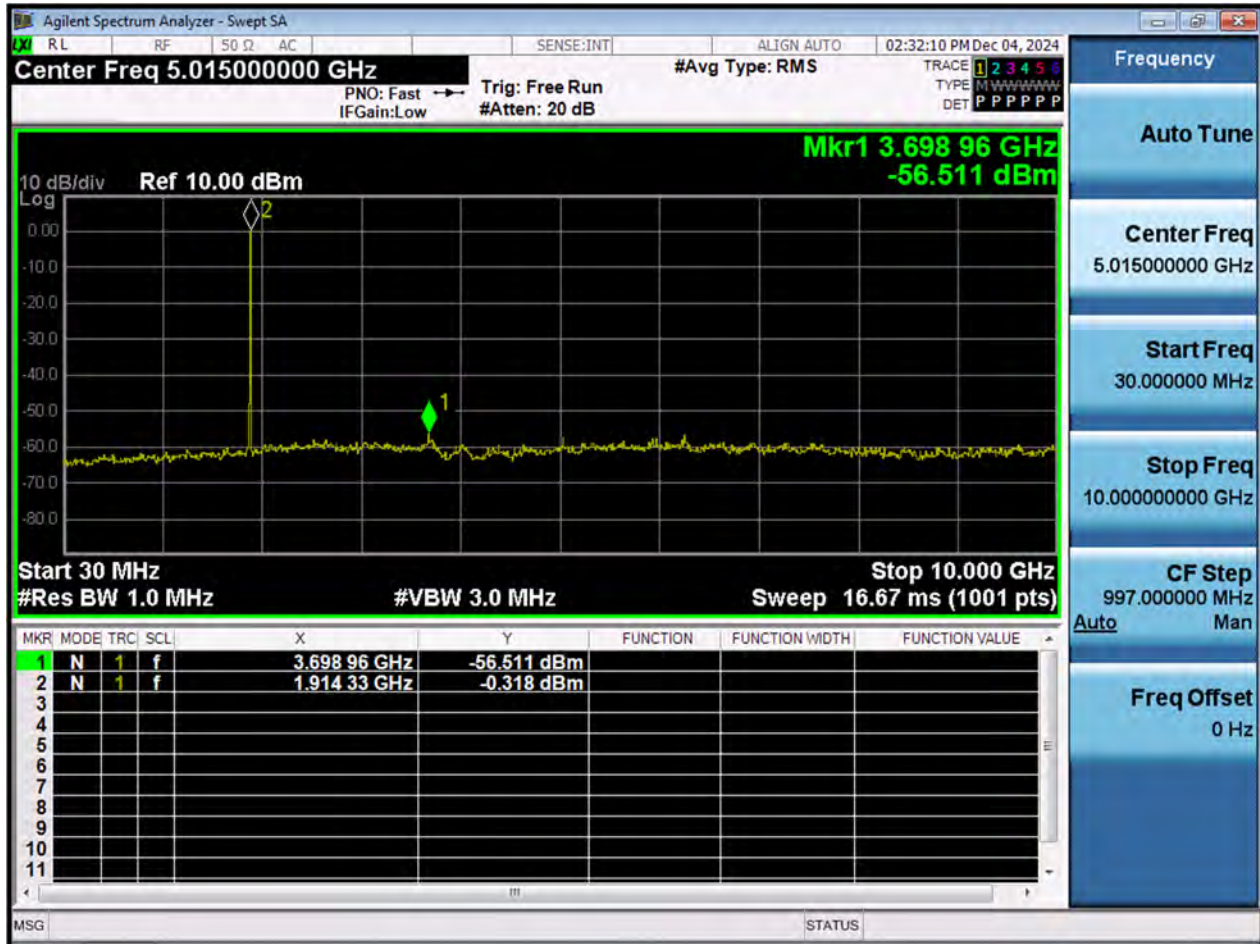
LTE2_20 M_CSE(30 M-10 G)_Lowest Channel_QPSK_1RB



LTE2_20 M_CSE(30 M-10 G)_Middle Channel_QPSK_1RB



LTE2_20 M_CSE(30 M-10 G)_Highest Channel_QPSK_1RB



LTE2_1.4 M_CSE(10 G-20 G)_Lowest Channel_QPSK_1RB



LTE2_1.4 M_CSE(10 G-20 G)_Middle Channel_QPSK_1RB



LTE2_1.4 M_CSE(10 G-20 G)_Highest Channel_QPSK_1RB



LTE2_3 M_CSE(10 G-20 G)_Lowest Channel_QPSK_1RB



LTE2_3 M_CSE(10 G-20 G)_Middle Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA

Center Freq 15.00000000 GHz

PNO: Fast → Trg: Free Run
IFGain: High #Atten: 0 dB

#Avg Type: RMS

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

10 dB/div Ref -20.00 dBm

Log

Mkr1 18.97 GHz
-73.273 dBm

Start 10.000 GHz
#Res BW 1.0 MHz

Stop 20.000 GHz
Sweep 25.00 ms (1001 pts)

#VBW 3.0 MHz

The screenshot displays a spectrum analyzer interface. The main display area shows a frequency range from 10.000 GHz to 20.000 GHz with a resolution bandwidth of 1.0 MHz. The vertical axis represents power in dBm, ranging from -110 to -30.0. The signal is a noisy baseline at approximately -80 dBm. A marker is placed at 18.97 GHz, indicating a power level of -73.273 dBm. The interface includes various control panels on the right for frequency, auto-tuning, and measurement settings.

LTE2_5 M_CSE(10 G-20 G)_Lowest Channel_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA

RL RF SO Ω AC SENSE:INT ALIGN AUTO 02:24:25 PM Dec 04, 2024

Center Freq 15.00000000 GHz #Avg Type: RMS
PNO: Fast → Trig: Free Run
IFGain: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

10 dB/div Ref -20.00 dBm
Log

Mkr1 18.93 GHz
-72.938 dBm

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

LTE2_5 M_CSE(10 G-20 G)_Highest Channel_QPSK_1RB



LTE2_10 M_CSE(10 G-20 G)_Lowest Channel_QPSK_1RB



LTE2_10 M_CSE(10 G-20 G)_Middle Channel_QPSK_1RB



LTE2_10 M_CSE(10 G-20 G)_Highest Channel_QPSK_1RB



LTE2_15 M_CSE(10 G-20 G)_Lowest Channel_QPSK_1RB



LTE2_15 M_CSE(10 G-20 G)_Middle Channel_QPSK_1RB



LTE2_15 M_CSE(10 G-20 G)_Highest Channel_QPSK_1RB



LTE2_20 M_CSE(10 G-20 G)_Lowest Channel_QPSK_1RB



LTE2_20 M_CSE(10 G-20 G)_Middle Channel_QPSK_1RB



LTE2_20 M_CSE(10 G-20 G)_Highest Channel_QPSK_1RB



10. ANNEX A_ TEST SETUP PHOTO

Please refer to test setup photo file no. as follows;

No.	Description
1	HCT-RF-2412-FC088-P