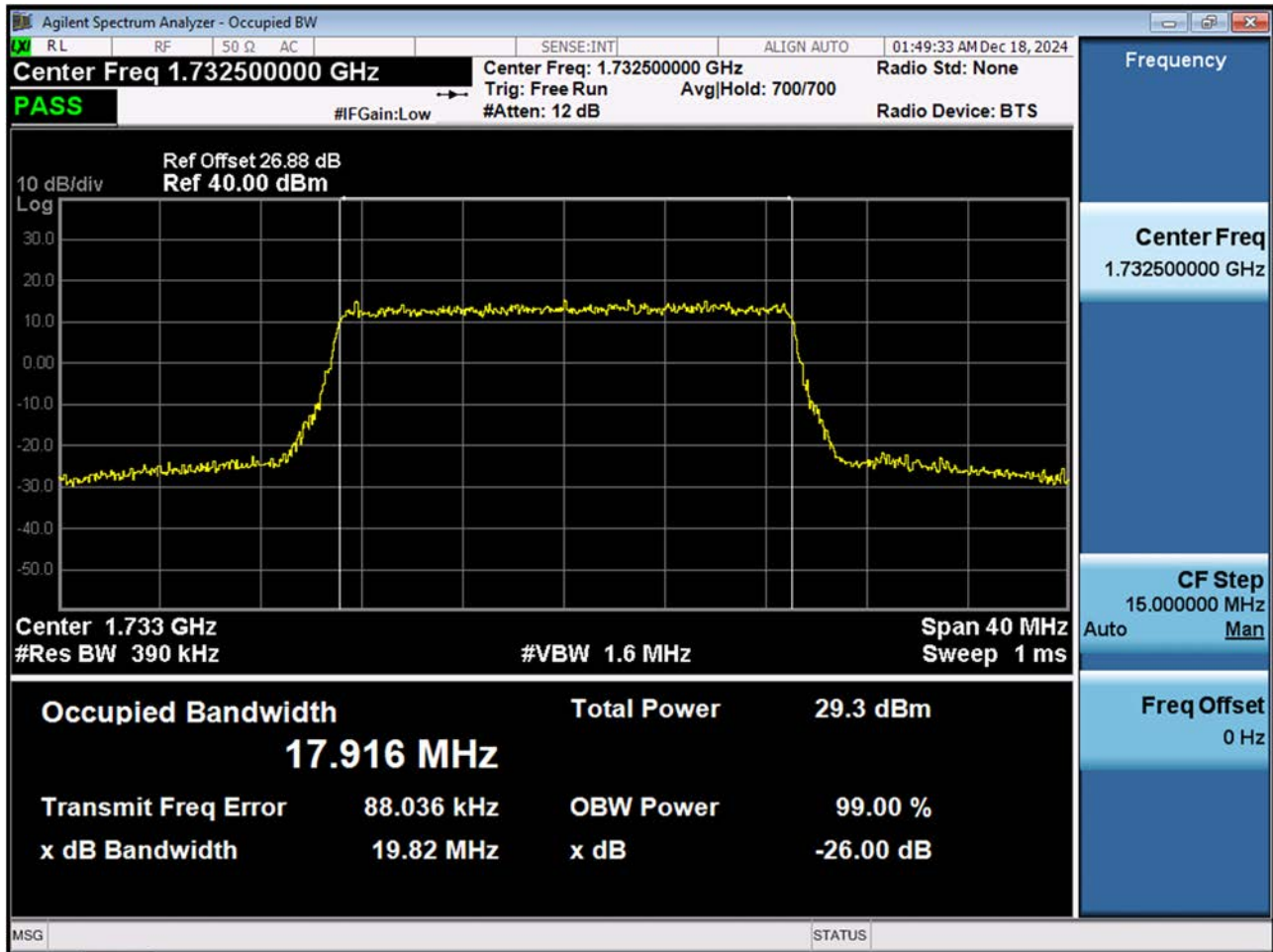
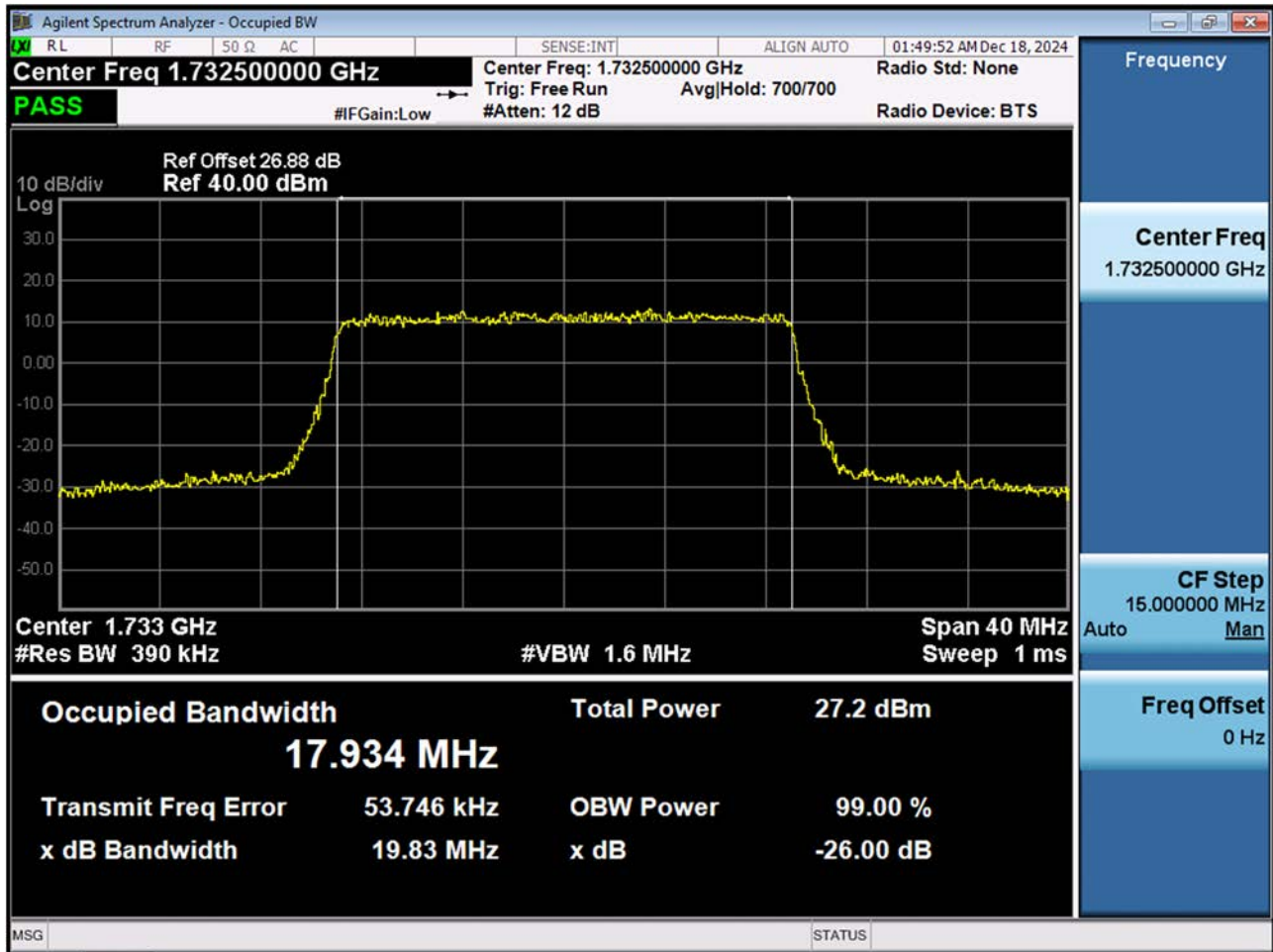


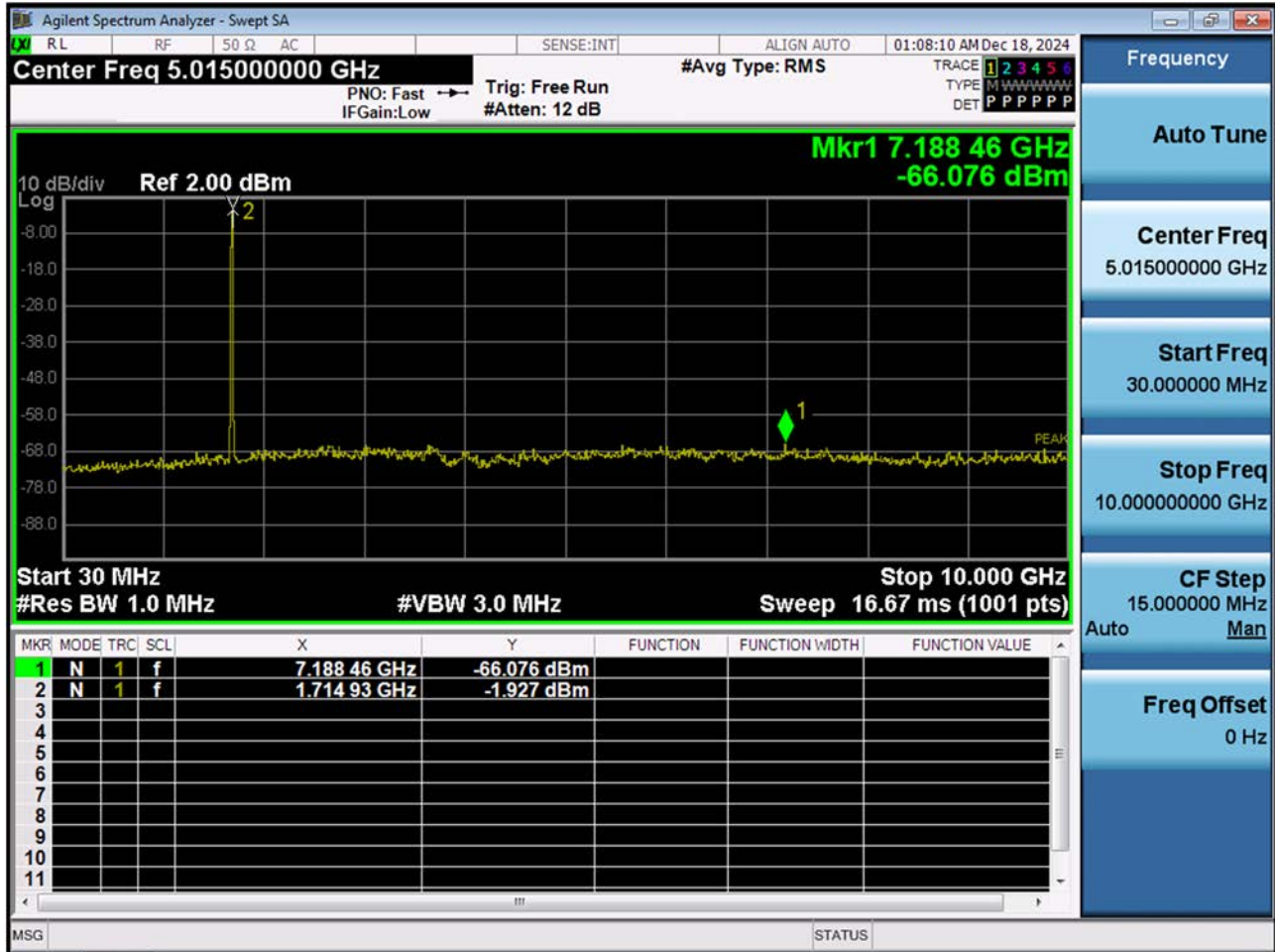
## LTE B4\_20 M\_OBW\_Mid\_64QAM\_FullRB



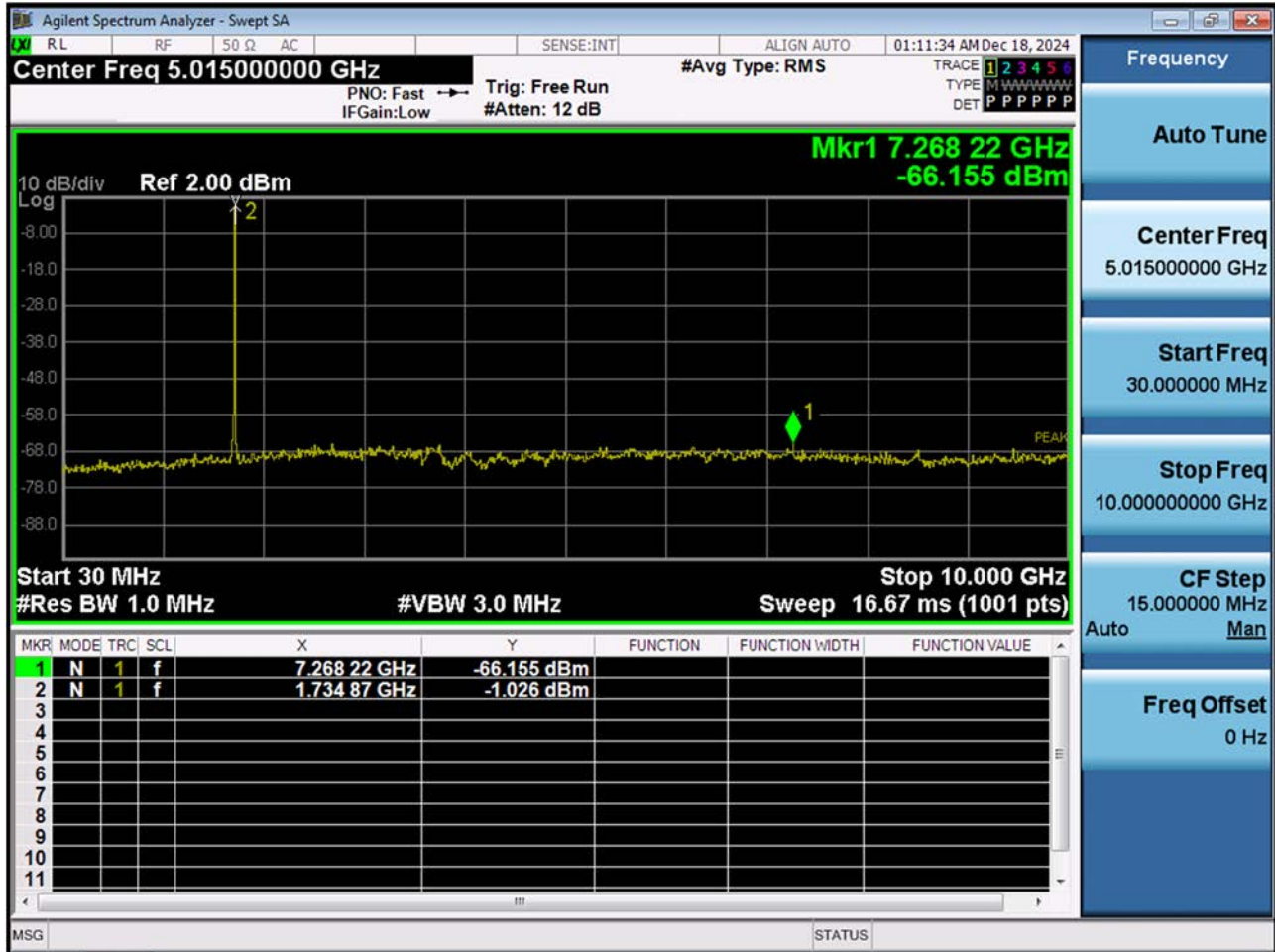
## LTE B4\_20 M\_OBW\_Mid\_256QAM\_FullRB



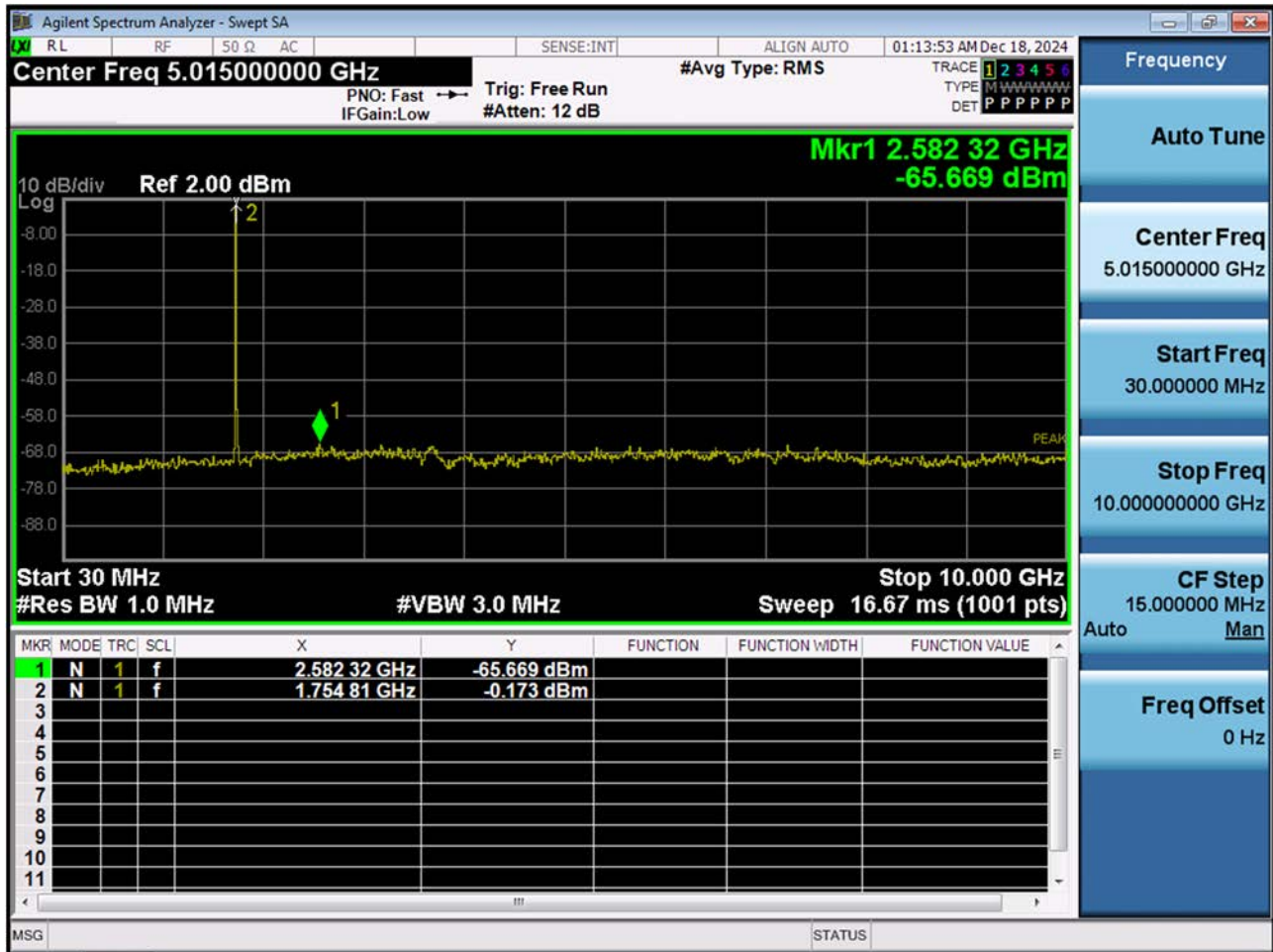
## LTE B4\_1.4M\_Conducted Spurious(30 M-10 G)\_Low\_QPSK\_1RB



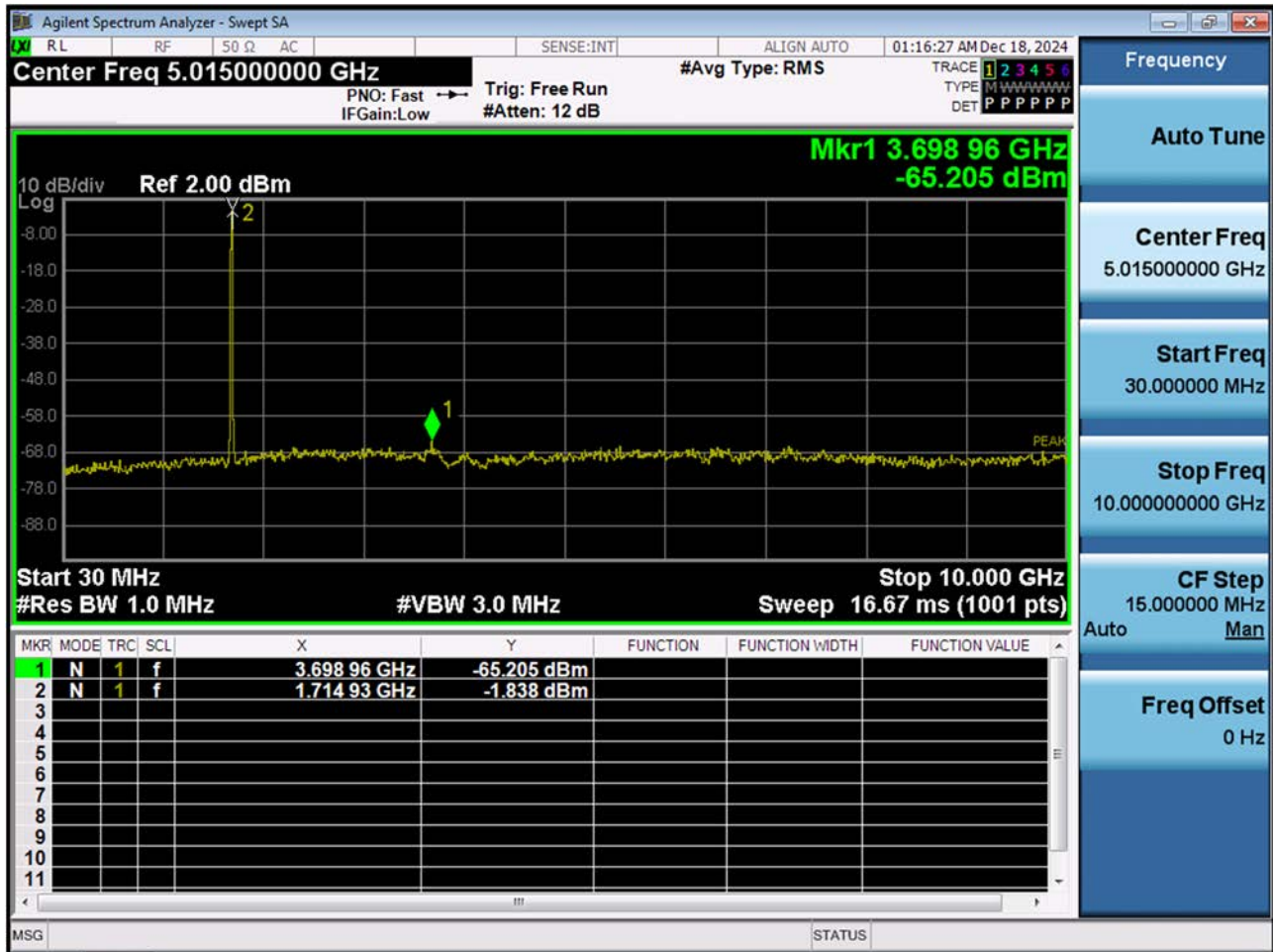
## LTE B4\_1.4M\_Conducted Spurious(30 M-10 G)\_Mid\_QPSK\_1RB



## LTE B4\_1.4M\_Conducted Spurious(30 M-10 G)\_High\_QPSK\_1RB

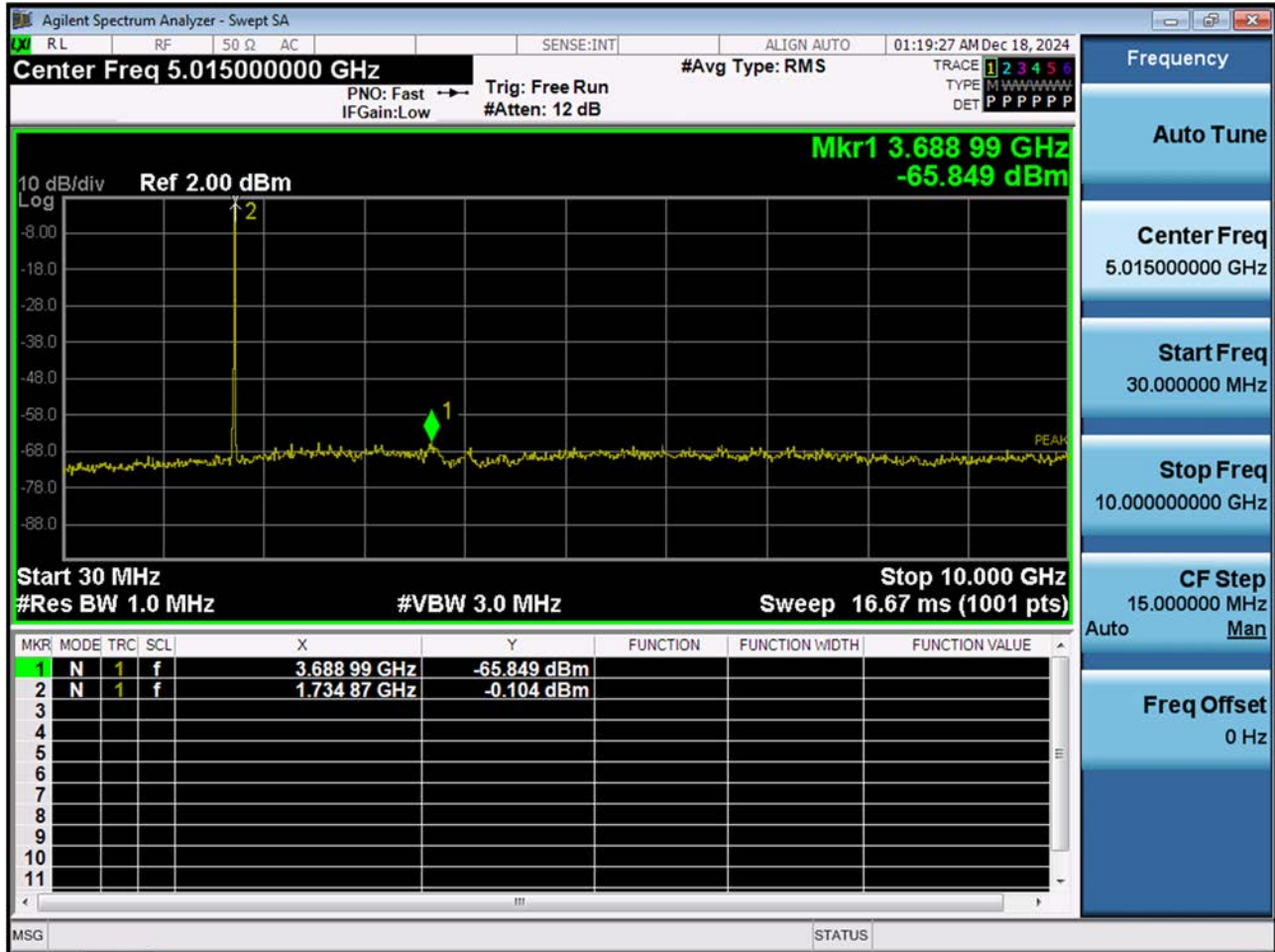


## LTE B4\_3 M\_Conducted Spurious(30 M-10 G)\_Low\_QPSK\_1RB

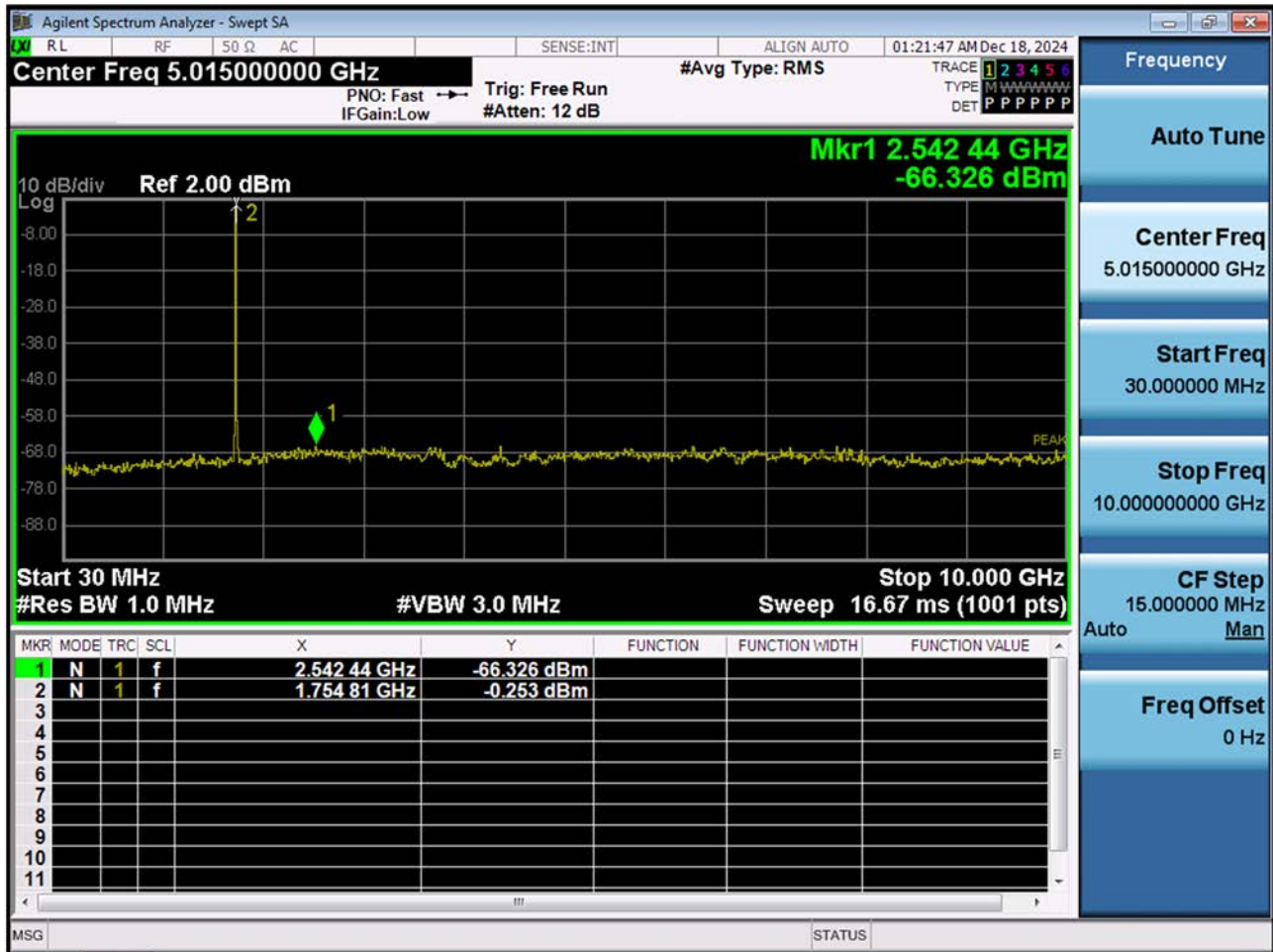




## LTE B4\_3 M\_Conducted Spurious(30 M-10 G)\_Mid\_QPSK\_1RB

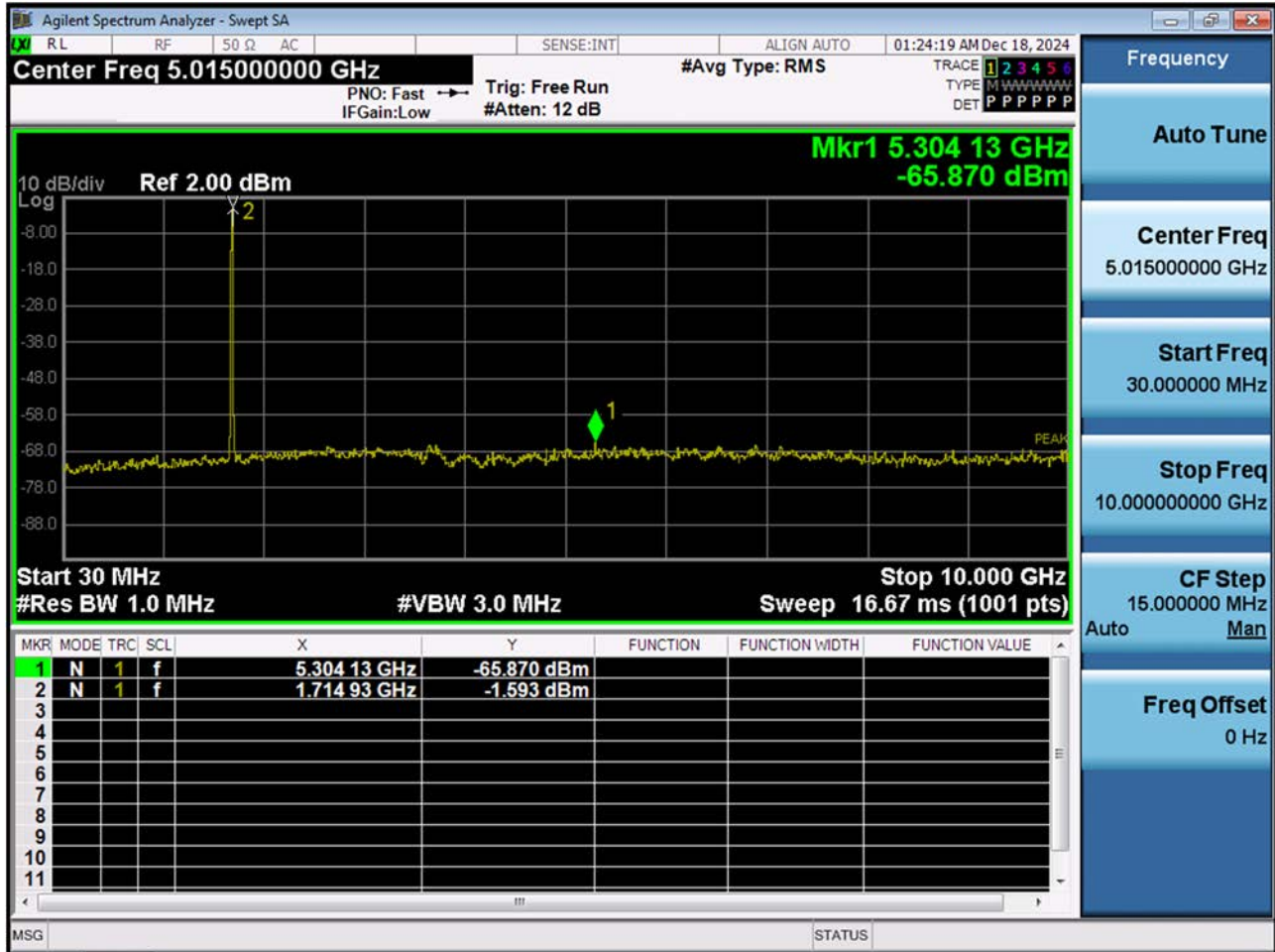


## LTE B4\_3 M\_Conducted Spurious(30 M-10 G)\_High\_QPSK\_1RB

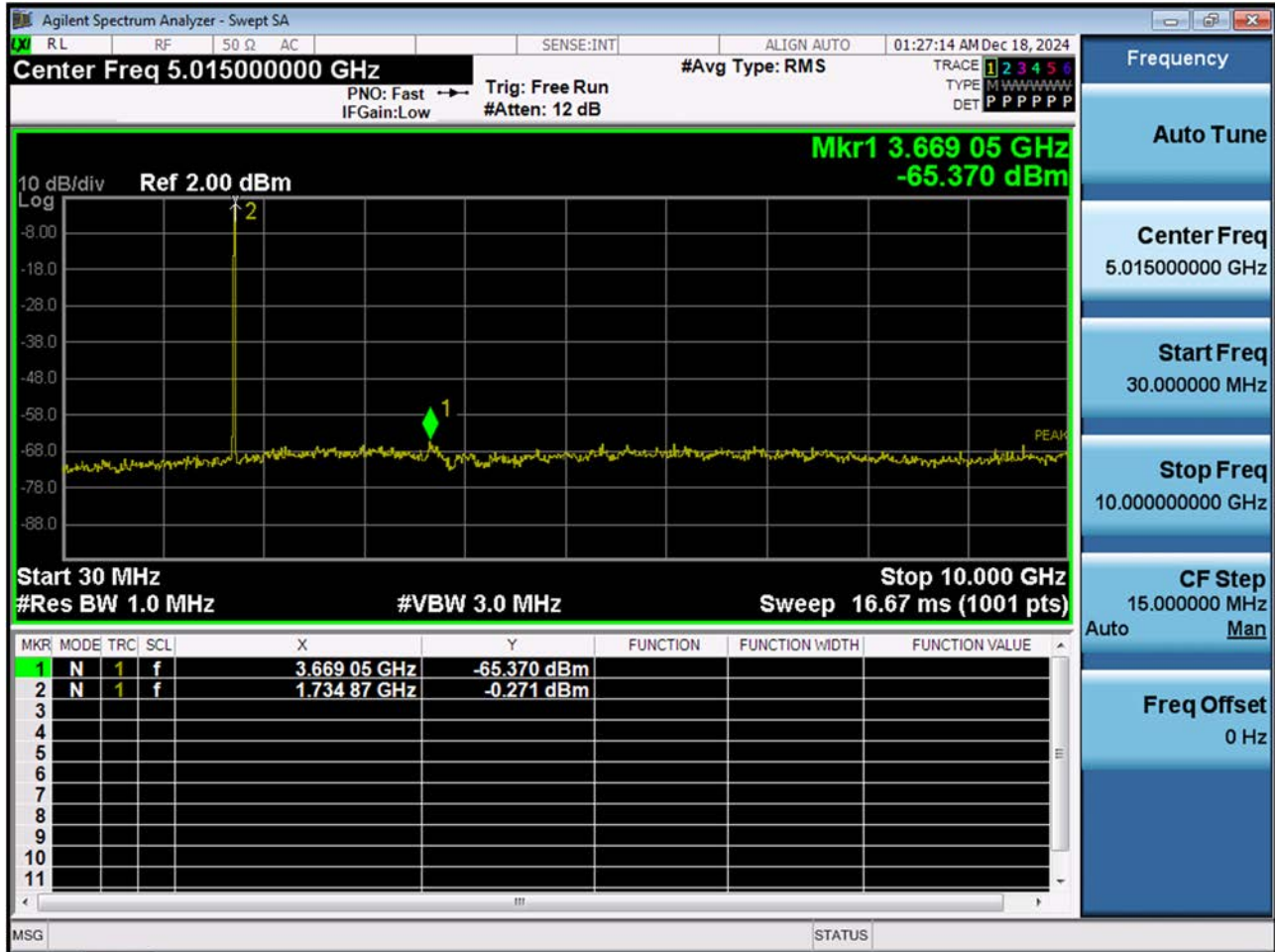




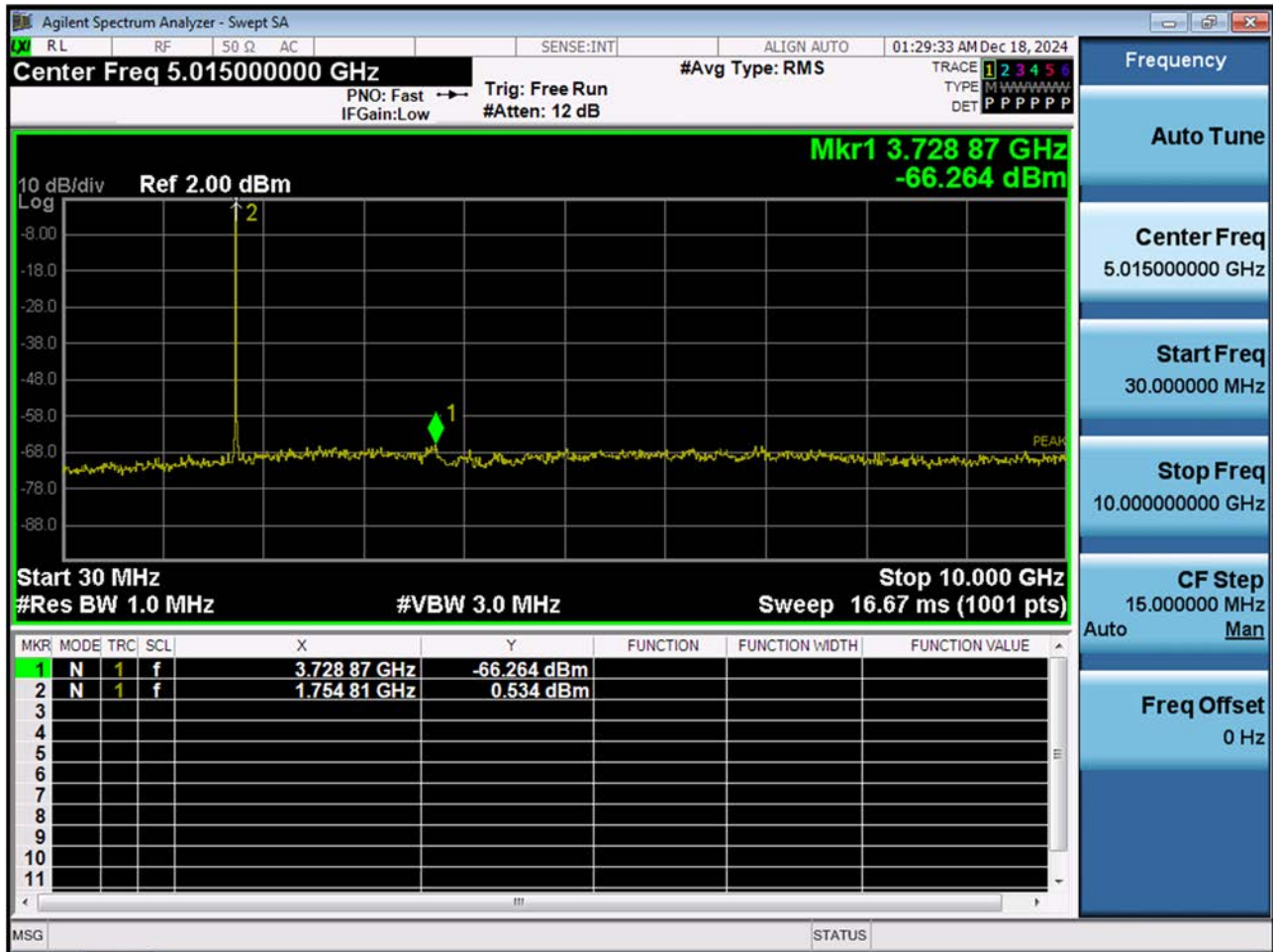
## LTE B4\_5 M\_Conducted Spurious(30 M-10 G)\_Low\_QPSK\_1RB



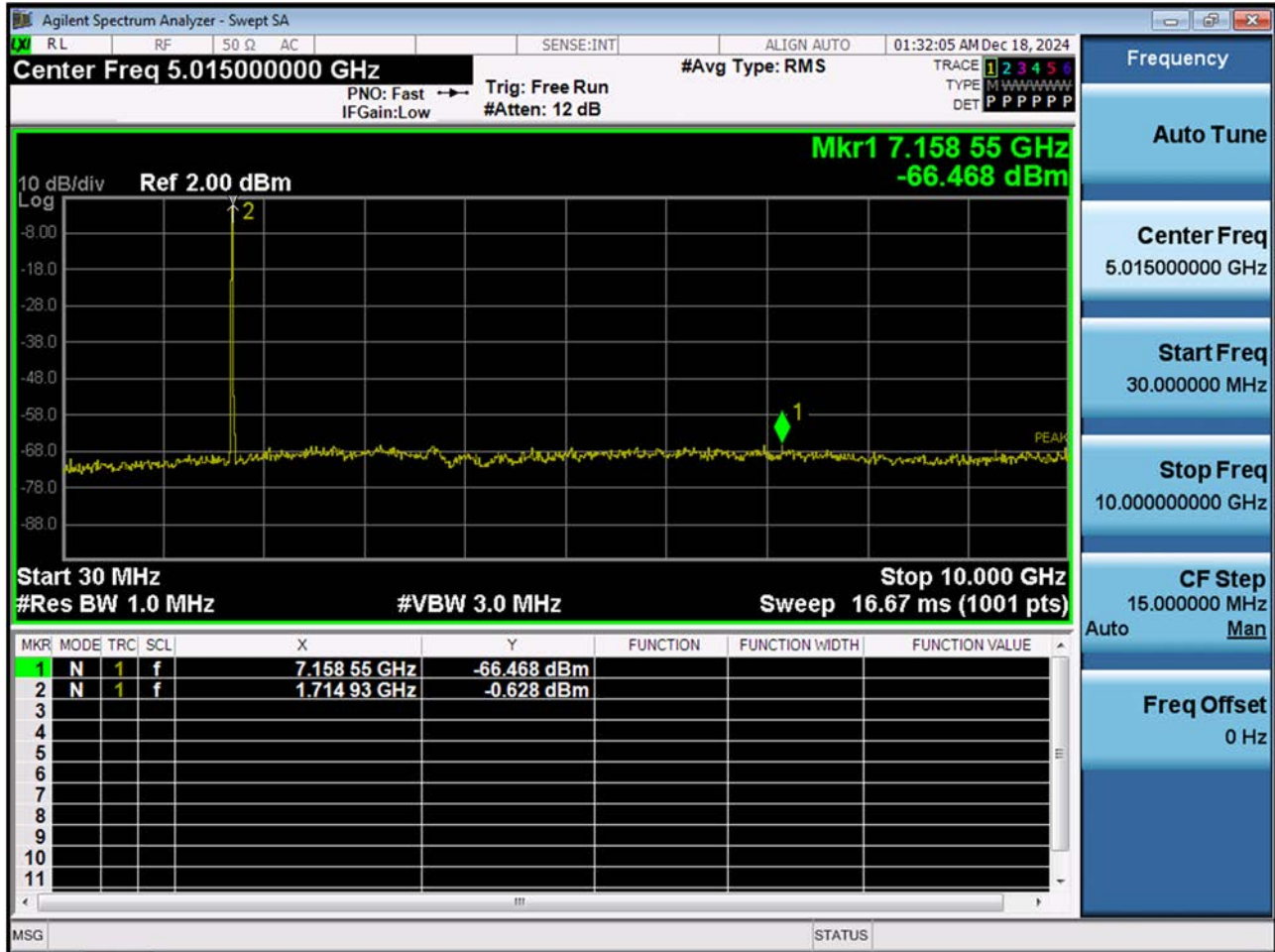
## LTE B4\_5 M\_Conducted Spurious(30 M-10 G)\_Mid\_QPSK\_1RB



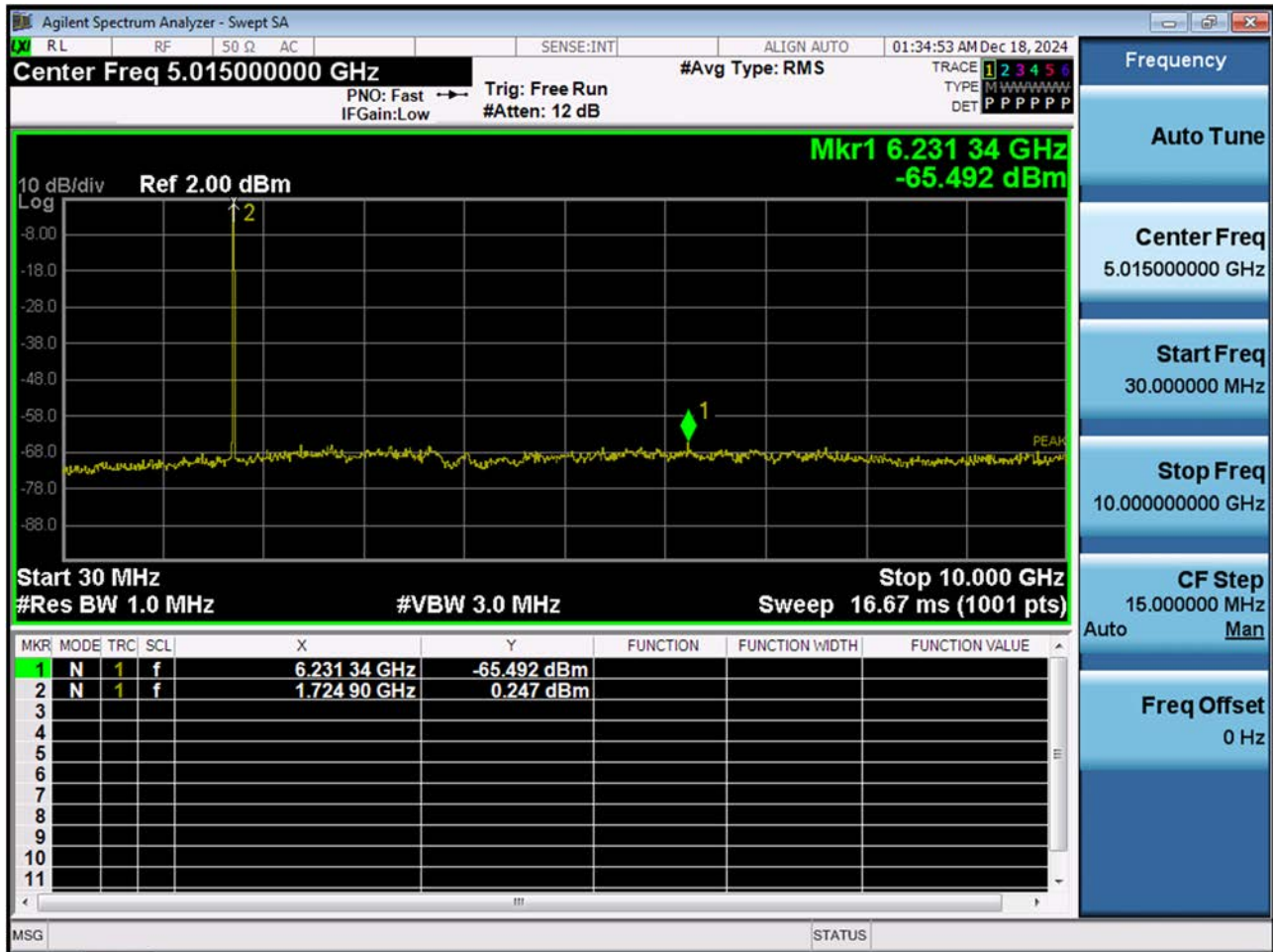
## LTE B4\_5 M\_Conducted Spurious(30 M-10 G)\_High\_QPSK\_1RB



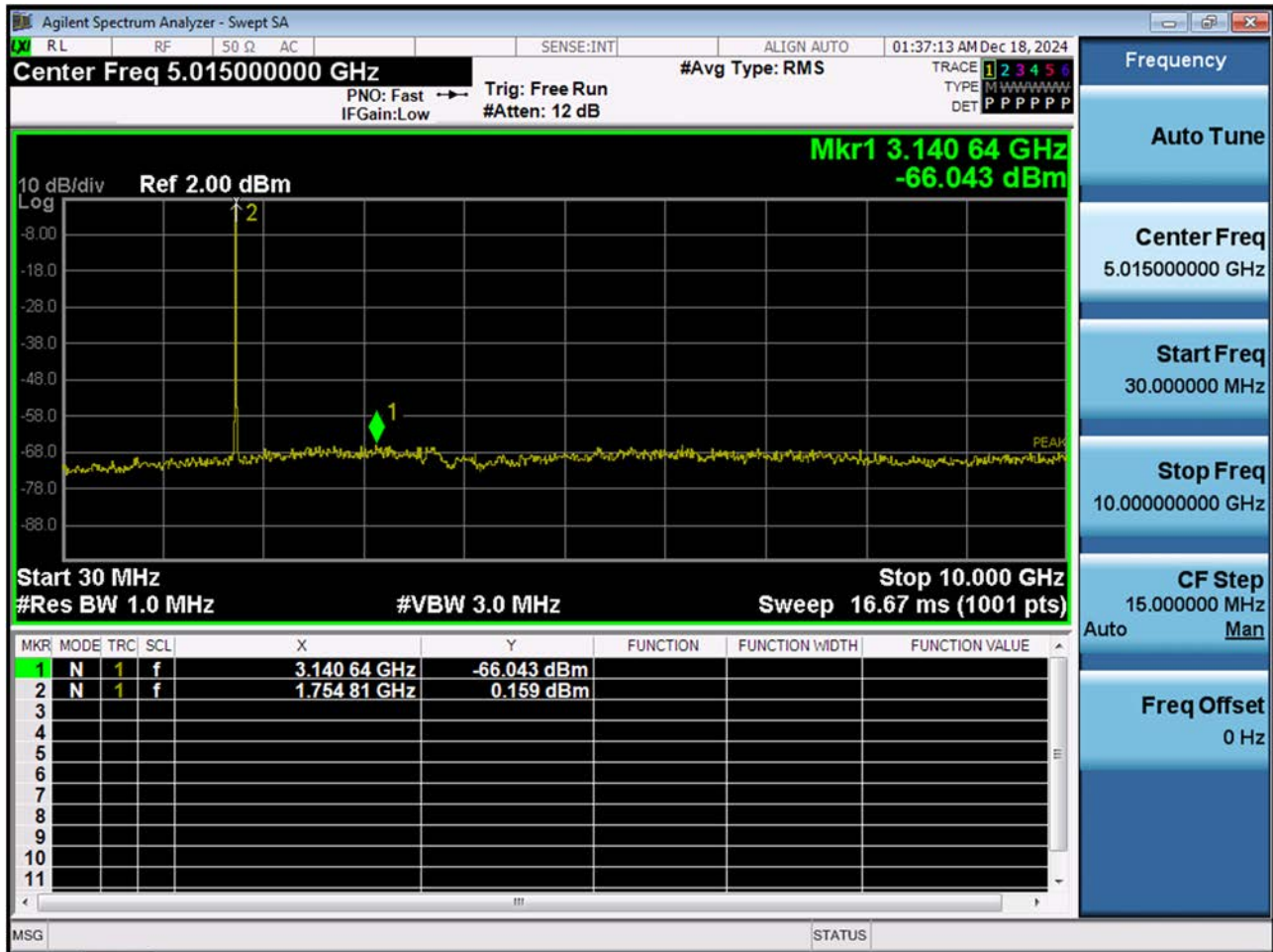
## LTE B4\_10 M\_Conducted Spurious(30 M-10 G)\_Low\_QPSK\_1RB



## LTE B4\_10 M\_Conducted Spurious(30 M-10 G)\_Mid\_QPSK\_1RB

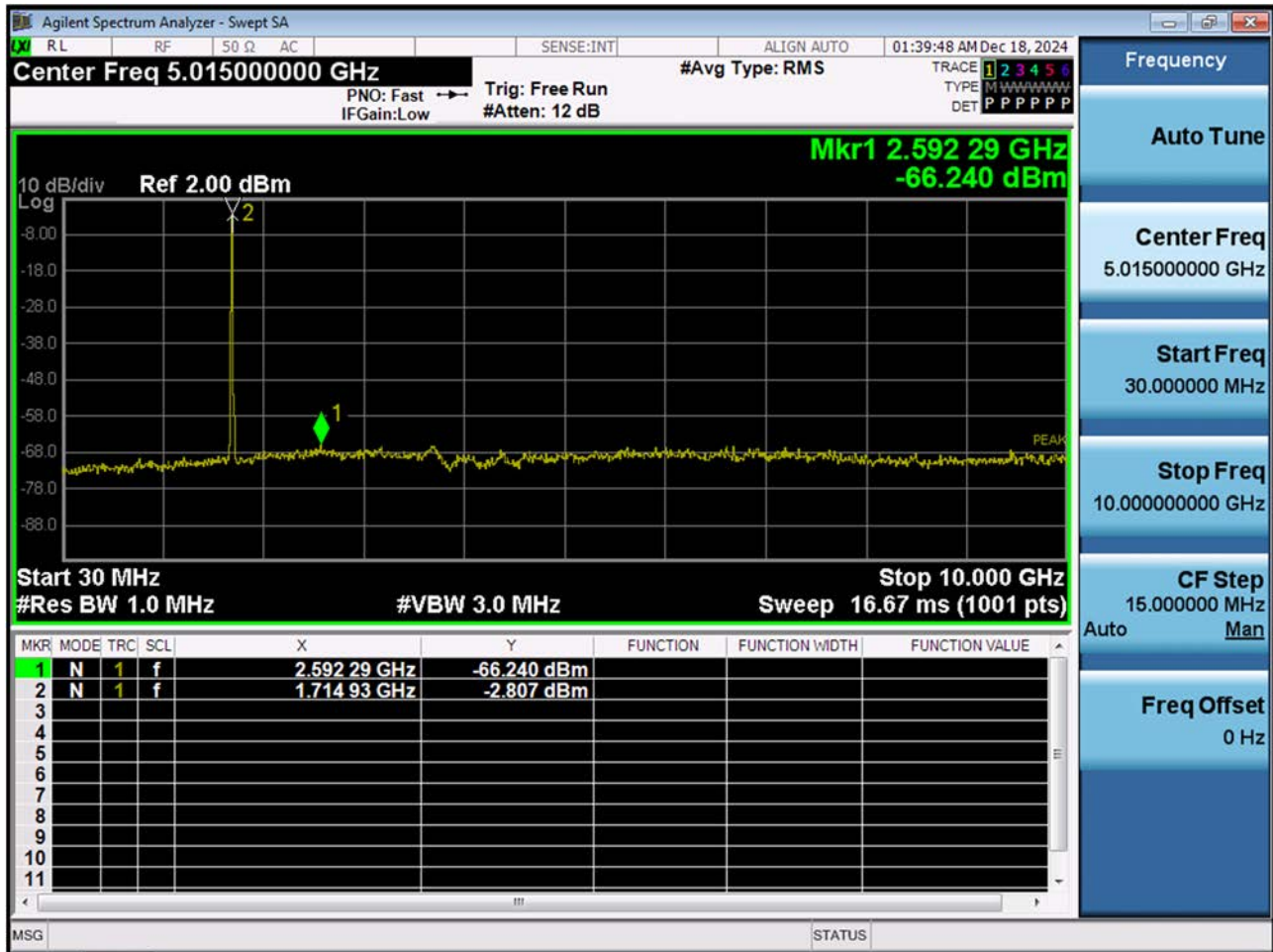


## LTE B4\_10 M\_Conducted Spurious(30 M-10 G)\_High\_QPSK\_1RB

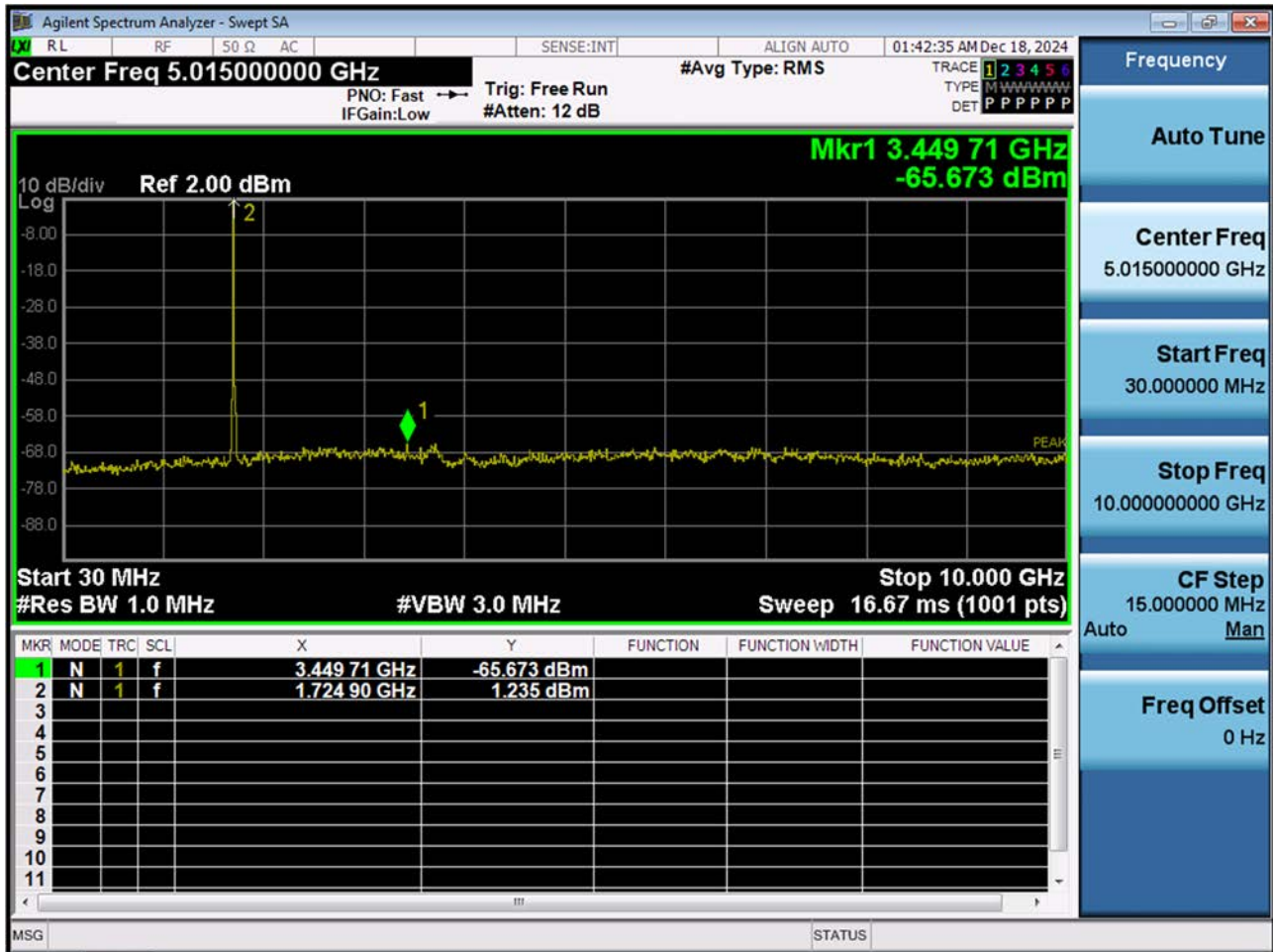




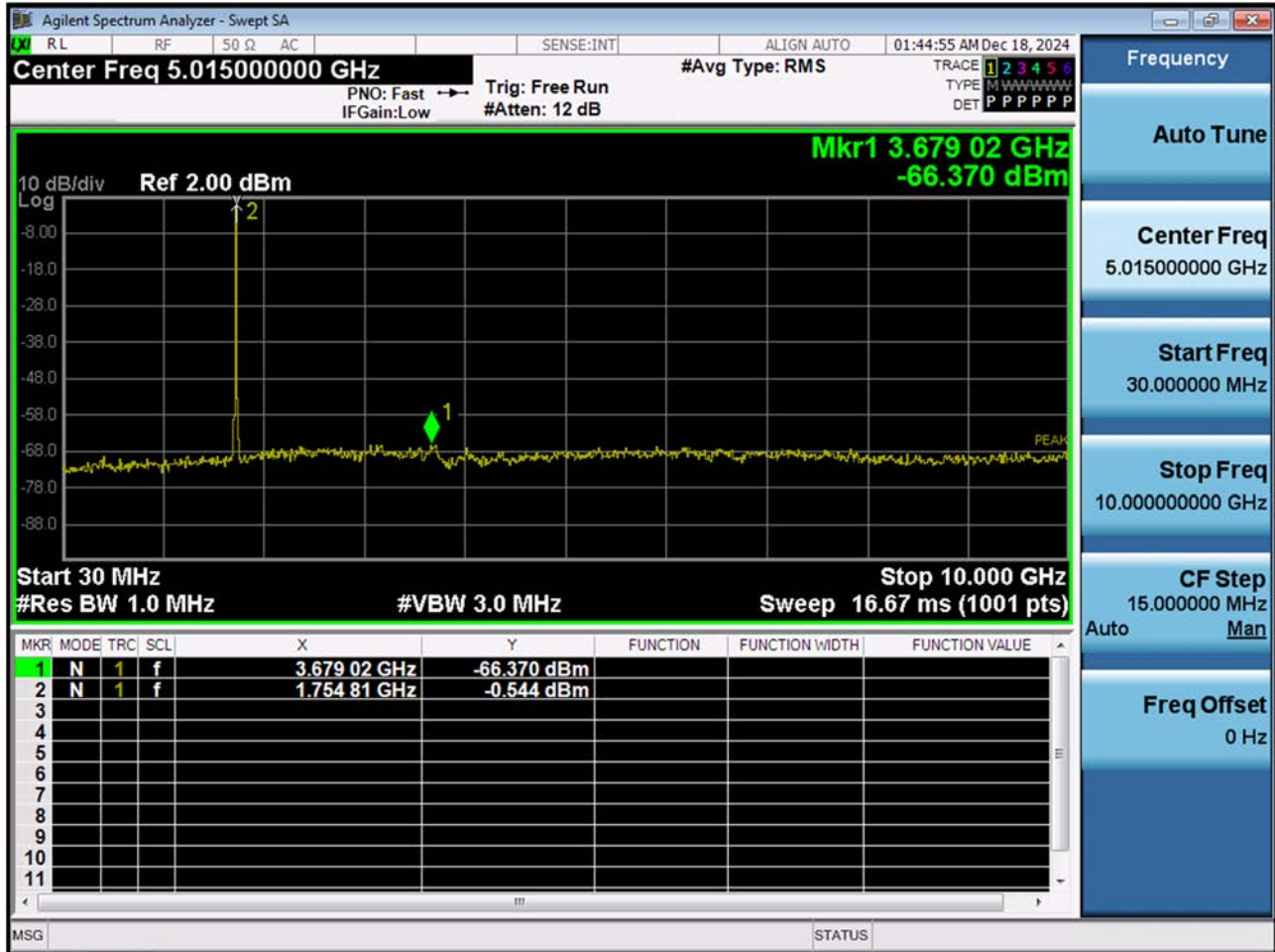
## LTE B4\_15 M\_Conducted Spurious(30 M-10 G)\_Low\_QPSK\_1RB



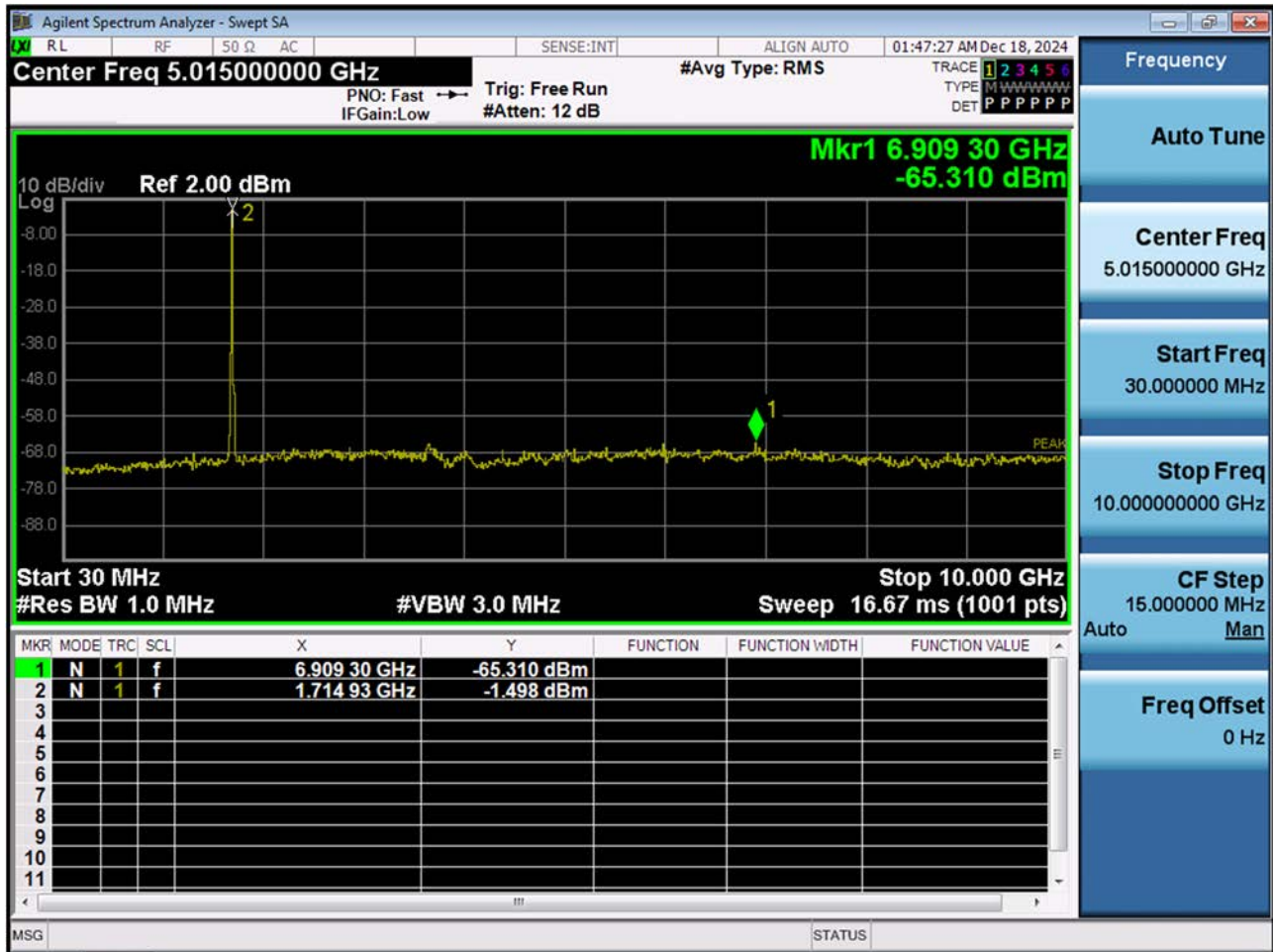
## LTE B4\_15 M\_Conducted Spurious(30 M-10 G)\_Mid\_QPSK\_1RB



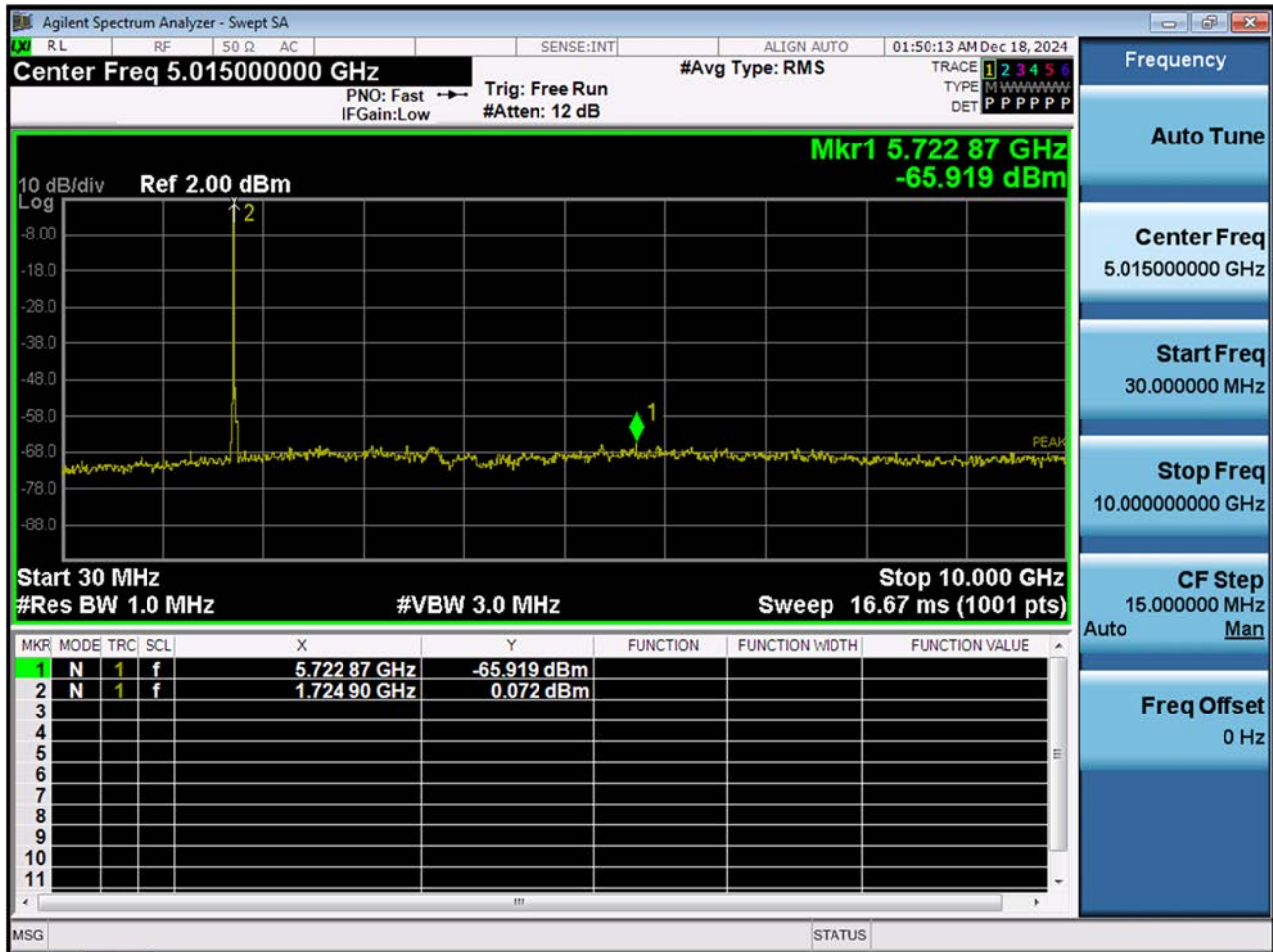
## LTE B4\_15 M\_Conducted Spurious(30 M-10 G)\_High\_QPSK\_1RB



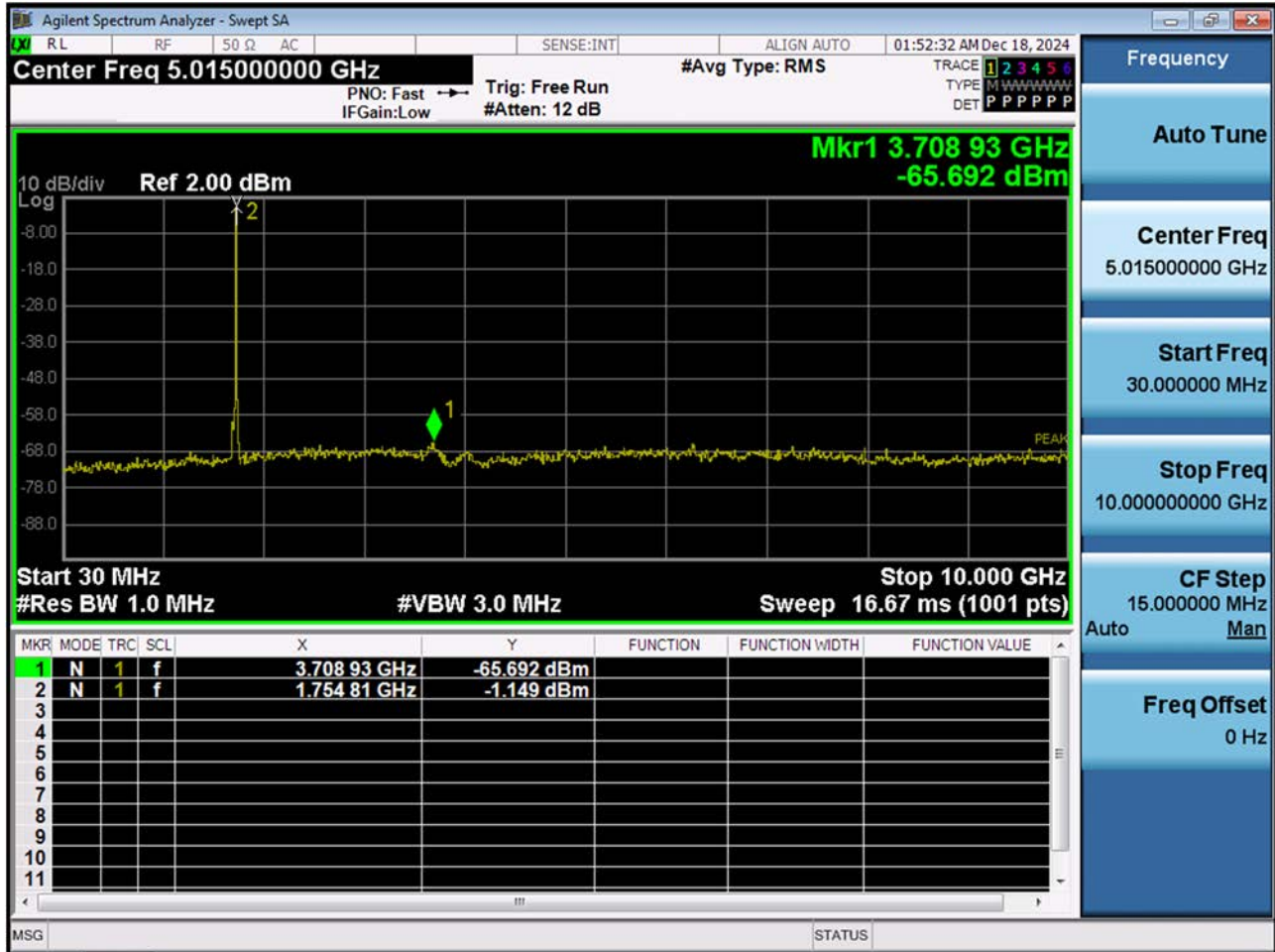
## LTE B4\_20 M\_Conducted Spurious(30 M-10 G)\_Low\_QPSK\_1RB



## LTE B4\_20 M\_Conducted Spurious(30 M-10 G)\_Mid\_QPSK\_1RB



## LTE B4\_20 M\_Conducted Spurious(30 M-10 G)\_High\_QPSK\_1RB





Agilent Spectrum Analyzer - Swept SA

Center Freq 15.00000000 GHz

Trig: Free Run

#Avg Type: RMS

01:08:21 AM Dec 18, 2024

TRACE 1 2 3 4 5 6

TYPE M W W W W W W W

DET P P P P P P

PNO: Fast

IFGain: High

#Atten: 0 dB

10 dB/div

Ref -20.00 dBm

Mkr1 19.17 GHz

-73.935 dBm

Start 10.000 GHz

#Res BW 1.0 MHz

#VBW 3.0 MHz

Sweep 25.00 ms (1001 pts)

Stop 20.000 GHz

MSG STATUS

Frequency

Auto Tune

Center Freq

15.00000000 GHz

Start Freq

10.00000000 GHz

Stop Freq

20.00000000 GHz

CF Step

15.000000 MHz

Auto Man

Freq Offset

0 Hz

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 01:11:46 AM Dec 18, 2024

**Center Freq 15.00000000 GHz** #Avg Type: RMS

PNO: Fast Trg: 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 19.43 GHz  
-73.917 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

[illegible]

[illegible]

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 01:19:38 AM Dec 18, 2024

**Center Freq 15.000000000 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 W W  
DET P P P P P P

10 dB/div Ref -20.00 dBm

**Mkr1 16.54 GHz**  
**-74.106 dBm**

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

The spectrum analyzer display shows a noisy baseline at approximately -80 dBm. A yellow marker labeled '1' is positioned at 16.54 GHz with a reading of -74.106 dBm. The grid shows frequency from 10.000 GHz to 20.000 GHz and power from -110 dBm to -30.0 dBm.





## LTE B4\_5 M\_Conducted Spurious(Above10 G)\_Low\_QPSK\_1RB



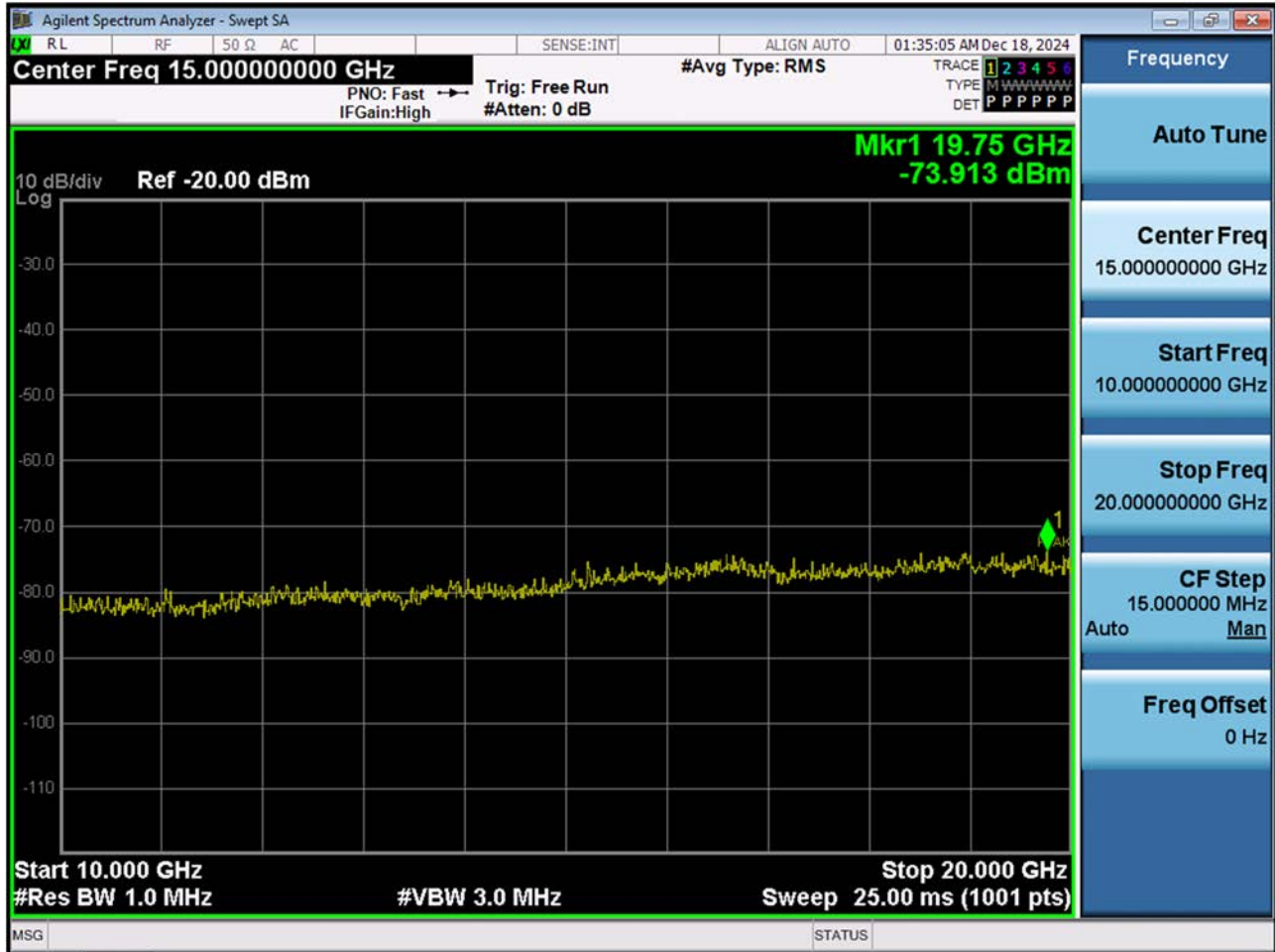
[illegible]



LTE B4\_10 M\_Conducted Spurious(Above10 G)\_Low\_QPSK\_1RB



LTE B4\_10 M\_Conducted Spurious(Above10 G)\_Mid\_QPSK\_1RB



Agilent Spectrum Analyzer - Swept SA

Center Freq 15.00000000 GHz

Start 10.000 GHz

Stop 20.000 GHz

Ref -20.00 dBm

10 dB/div

Log

Trig: Free Run

#Atten: 0 dB

#Avg Type: RMS

Mkr1 18.53 GHz

-73.226 dBm

Start Freq 10.00000000 GHz

Stop Freq 20.00000000 GHz

CF Step 15.00000 MHz

Freq Offset 0 Hz

MSG STATUS



Agilent Spectrum Analyzer - Swept SA

Center Freq 15.00000000 GHz

Start 10.000 GHz Stop 20.000 GHz

Ref -20.00 dBm

10 dB/div Log

Trig: Free Run #Atten: 0 dB

#Avg Type: RMS

Mkr1 18.97 GHz -73.151 dBm

Start 10.000 GHz Stop 20.000 GHz

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

Frequency

Auto Tune

Center Freq 15.00000000 GHz

Start Freq 10.00000000 GHz

Stop Freq 20.00000000 GHz

CF Step 15.000000 MHz

Freq Offset 0 Hz

[illegible]

[illegible]

Agilent Spectrum Analyzer - Swept SA

RL RF 50  $\Omega$  AC SENSE:INT ALIGN AUTO 01:47:38 AM Dec 18, 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 W W  
DET P P P P P P

10 dB/div Ref -20.00 dBm

**Mkr1 19.24 GHz**  
**-73.775 dBm**

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

Stop 20.000 GHz

MSG STATUS

Frequency

Auto Tune

Center Freq  
15.00000000 GHz

Start Freq  
10.00000000 GHz

Stop Freq  
20.00000000 GHz

CF Step  
15.000000 MHz  
Auto Man

Freq Offset  
0 Hz

Agilent Spectrum Analyzer - Swept SA

RL RF 50  $\Omega$  AC SENSE:INT ALIGN AUTO 01:50:24 AM Dec 18, 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 W W  
DET P P P P P P

10 dB/div Ref -20.00 dBm

Mkr1 18.95 GHz  
-73.361 dBm

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

Stop 20.000 GHz

MSG STATUS

Frequency

Auto Tune

Center Freq  
15.00000000 GHz

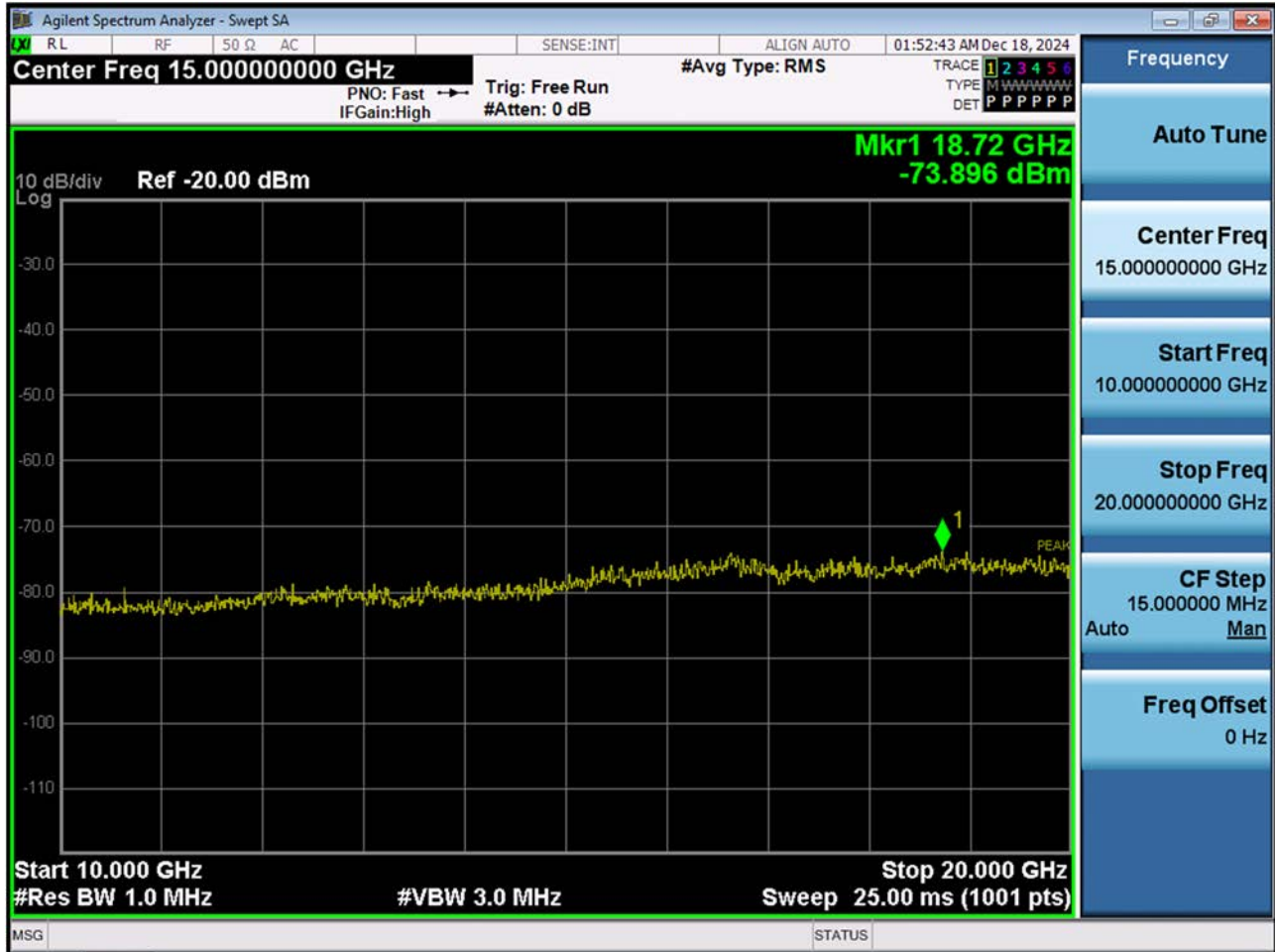
Start Freq  
10.00000000 GHz

Stop Freq  
20.00000000 GHz

CF Step  
15.000000 MHz  
Auto Man

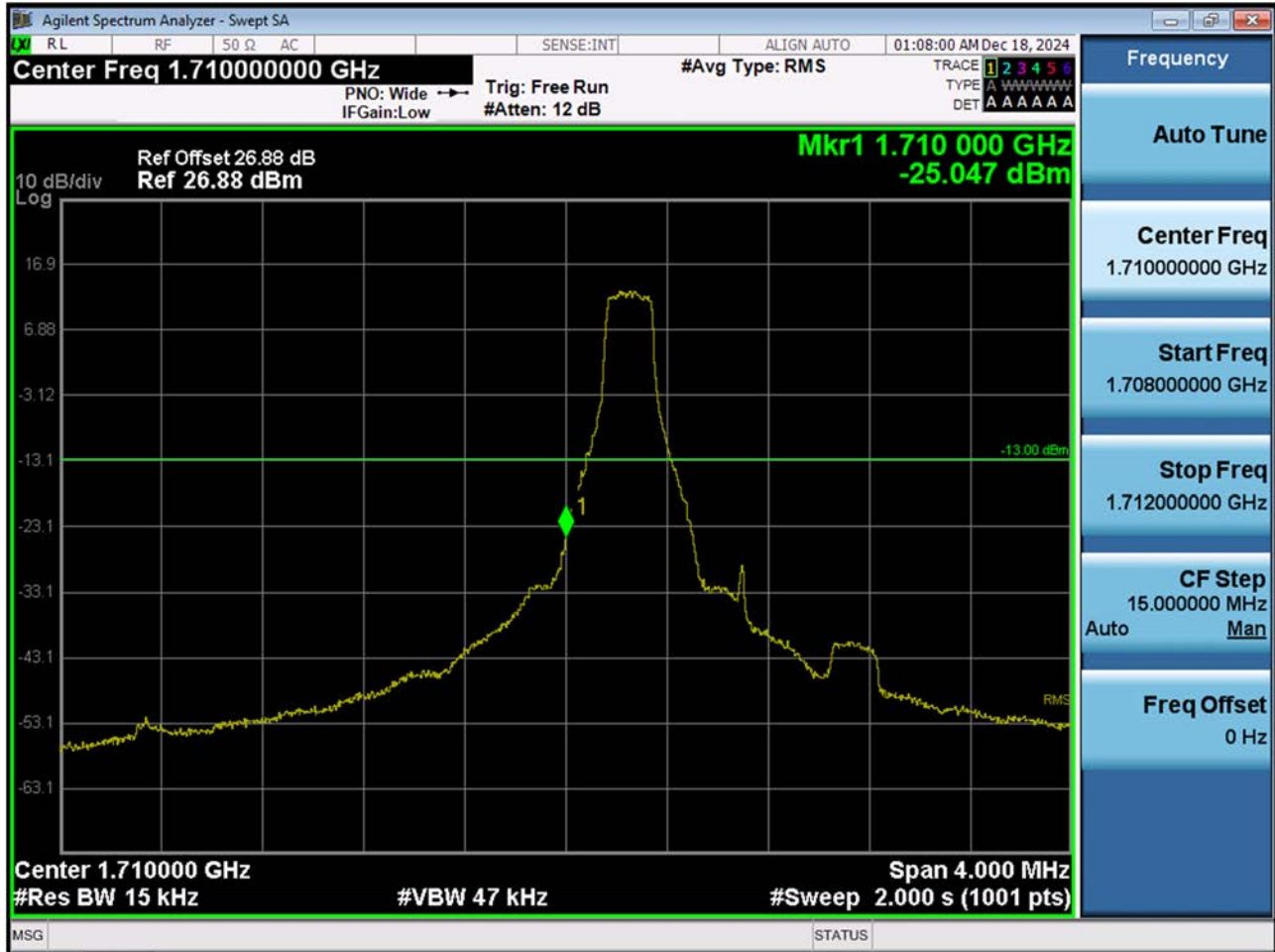
Freq Offset  
0 Hz

## LTE B4\_20 M\_Conducted Spurious(Above10 G)\_High\_QPSK\_1RB





## LTE B4\_1.4M\_Band Edge\_Low\_QPSK\_1RB



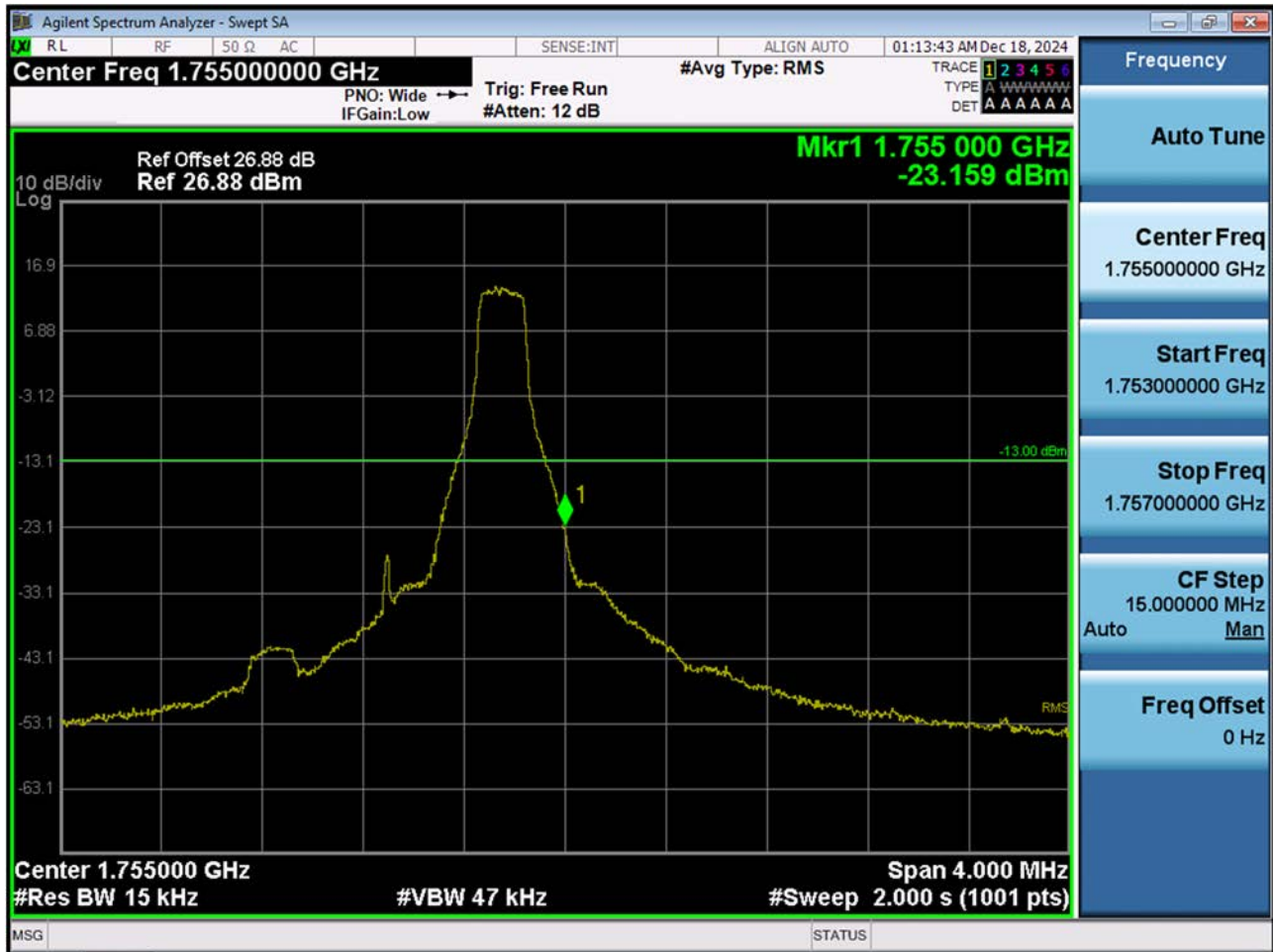
## LTE B4\_1.4M\_Band Edge\_Low\_QPSK\_FullRB



## LTE B4\_1.4M\_Extended Band Edge\_Low\_QPSK\_FullRB



## LTE B4\_1.4M\_Band Edge\_High\_QPSK\_1RB



## LTE B4\_1.4M\_Band Edge\_High\_QPSK\_FullRB

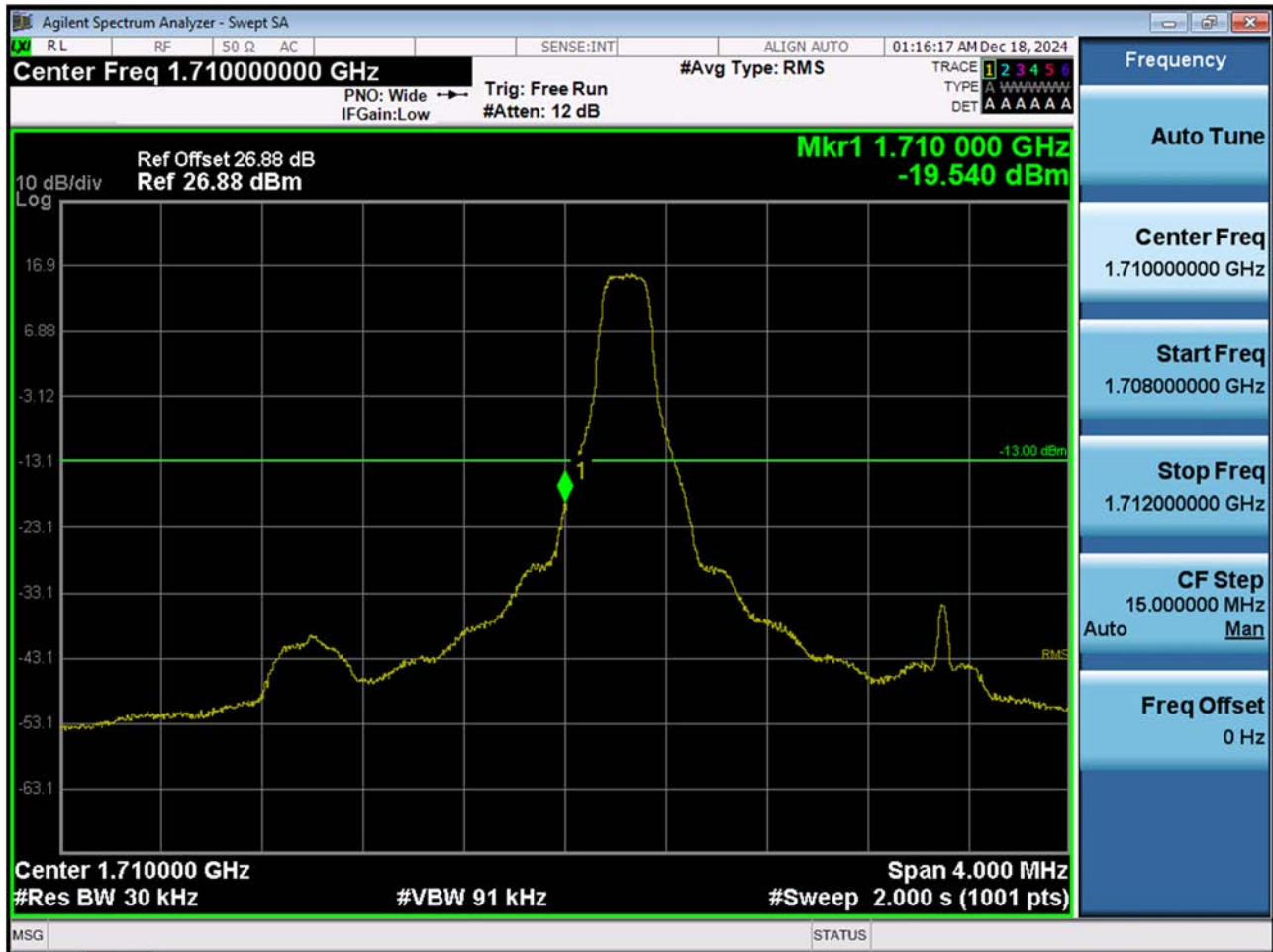


## LTE B4\_1.4M\_Extended Band Edge\_High\_QPSK\_FullRB

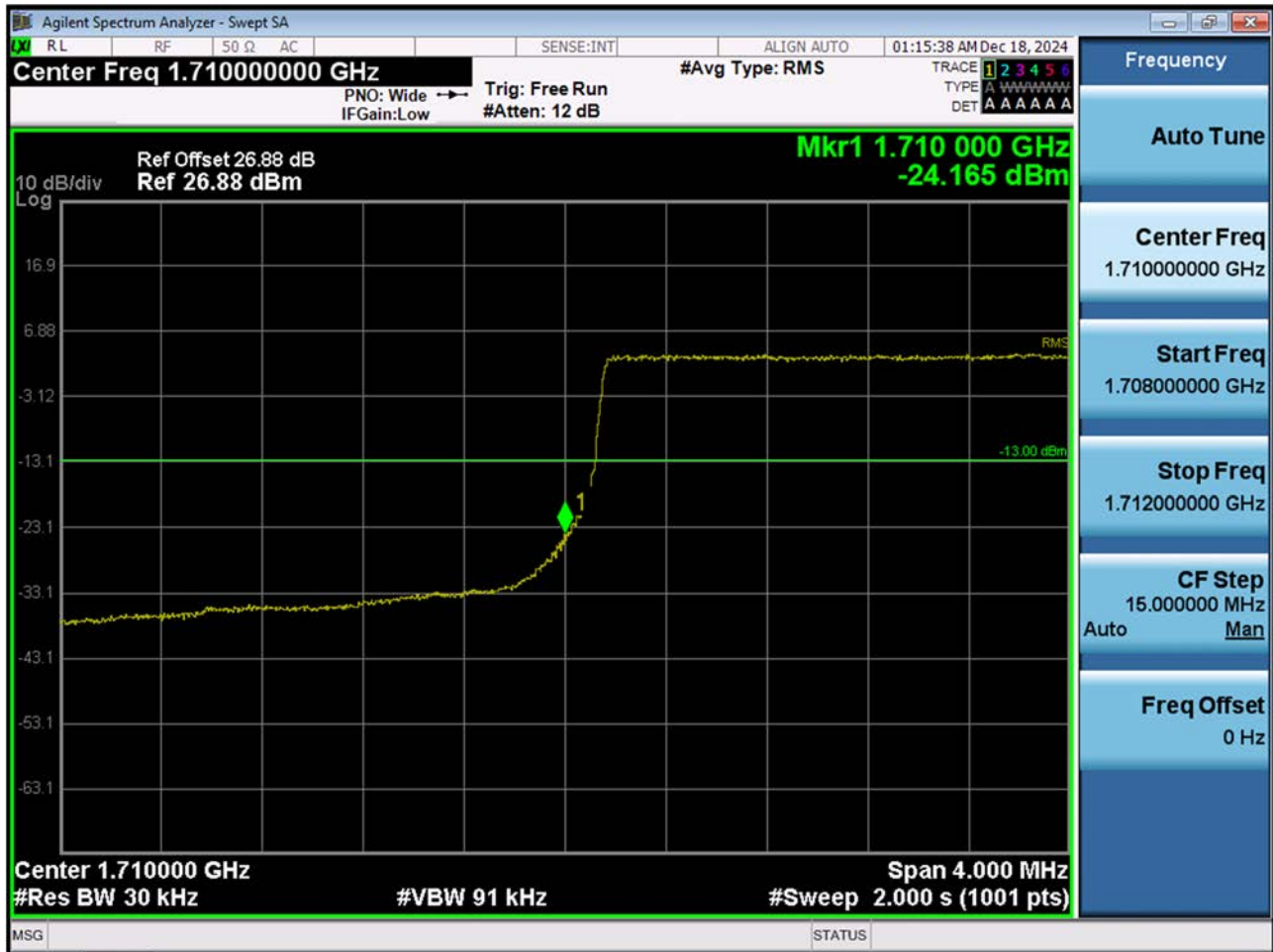




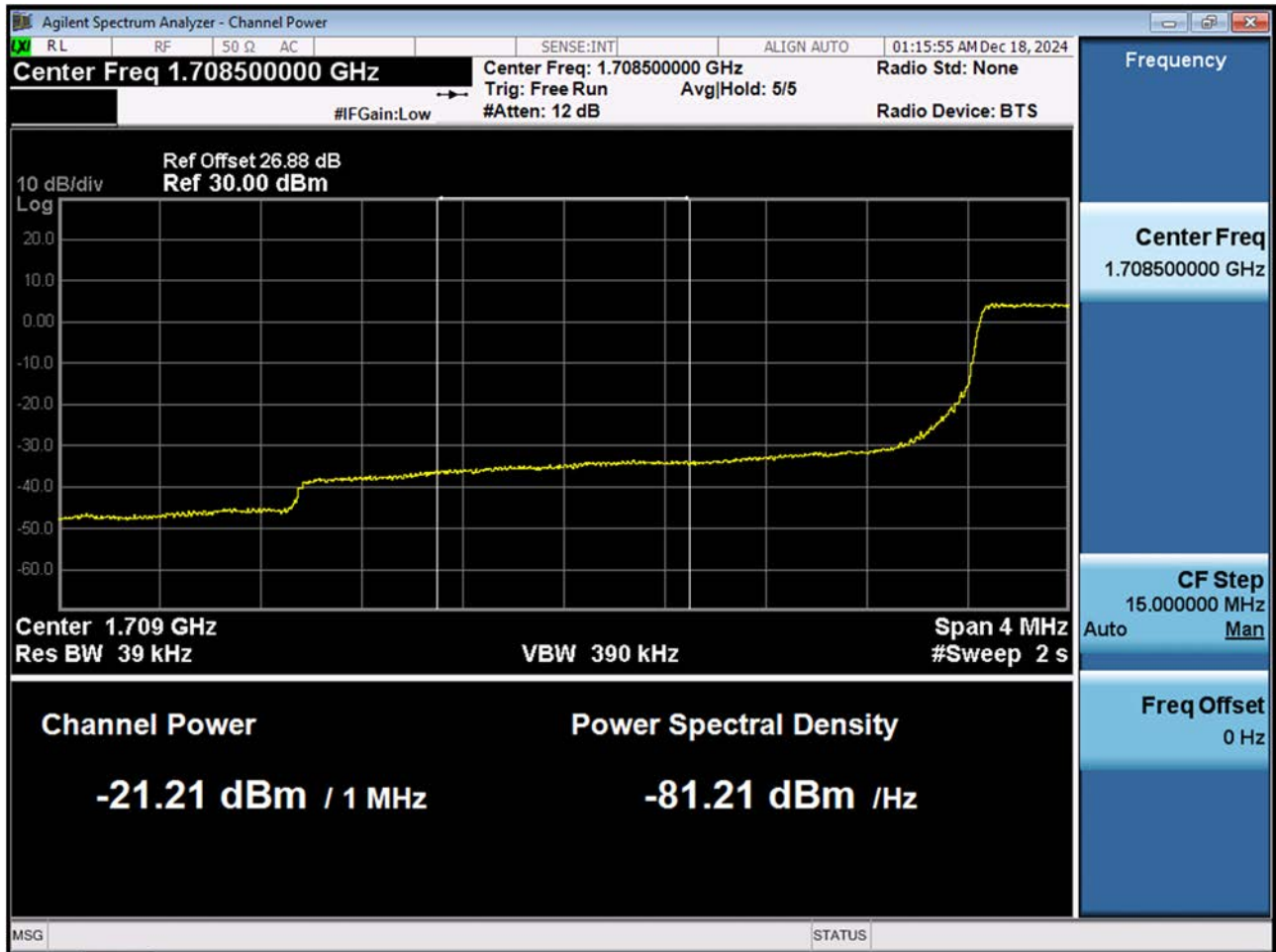
## LTE B4\_3 M\_Band Edge\_Low\_QPSK\_1RB



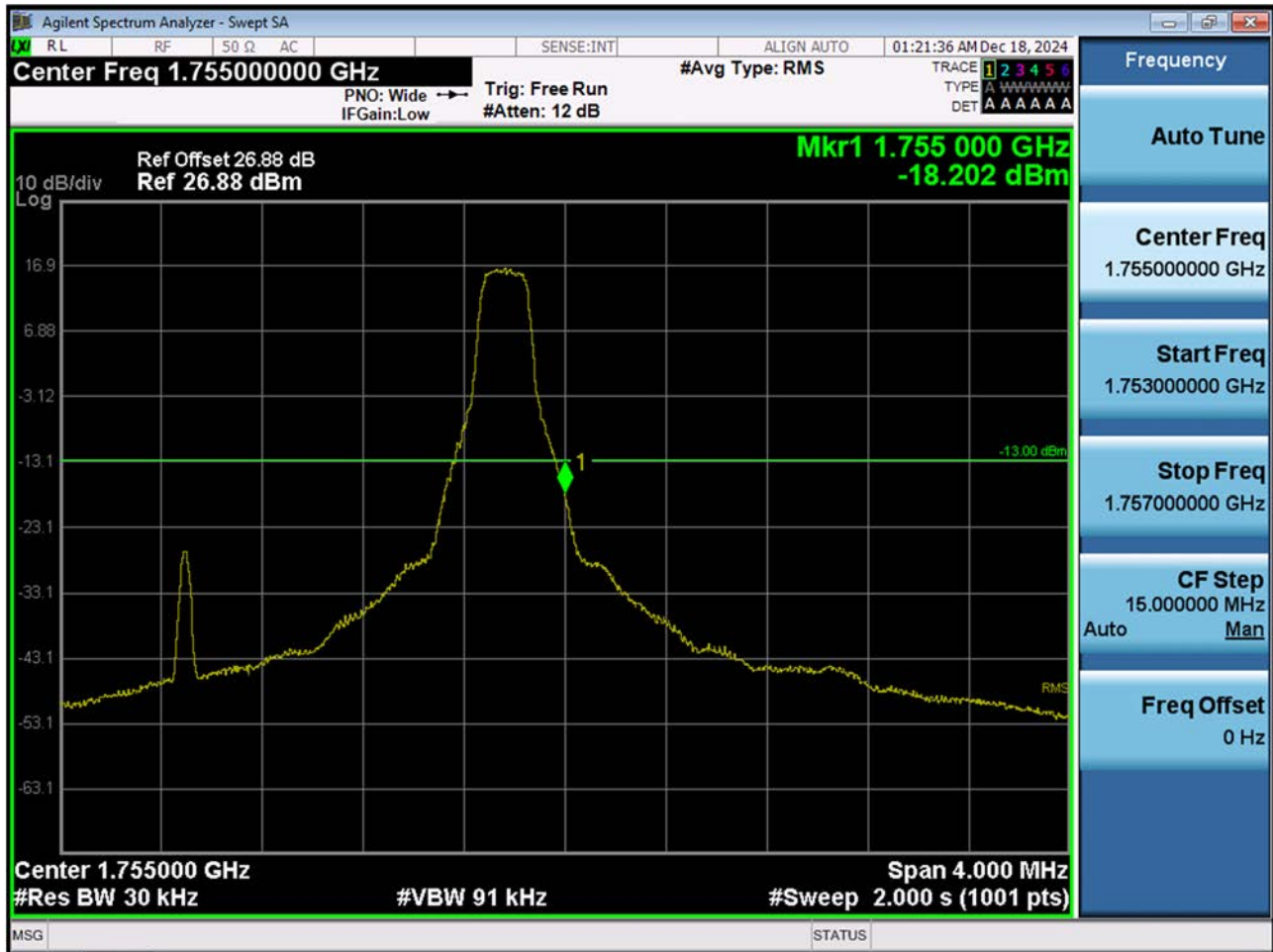
## LTE B4\_3 M\_Band Edge\_Low\_QPSK\_FullIRB



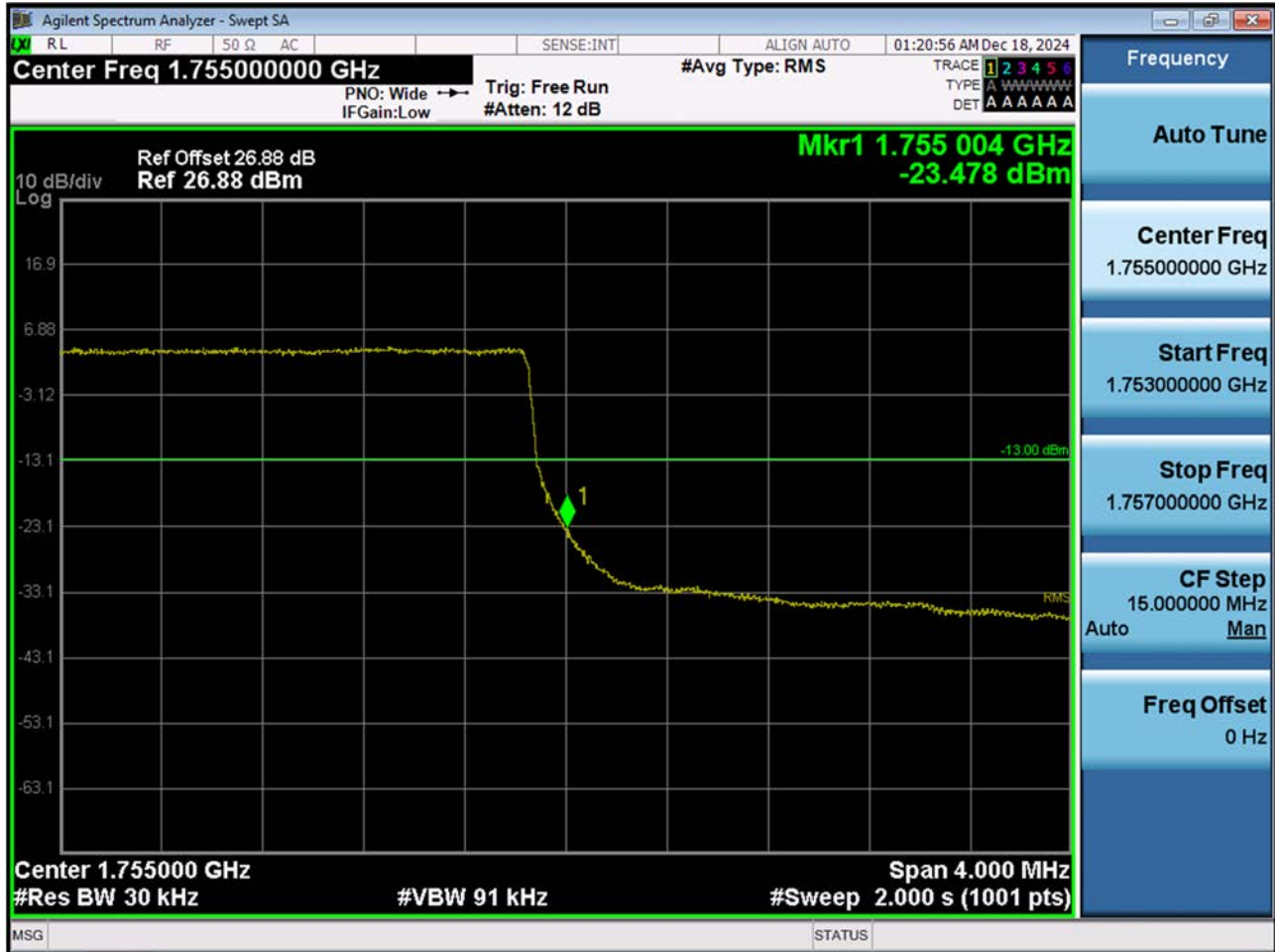
## LTE B4\_3 M\_Extended Band Edge\_Low\_QPSK\_FullRB



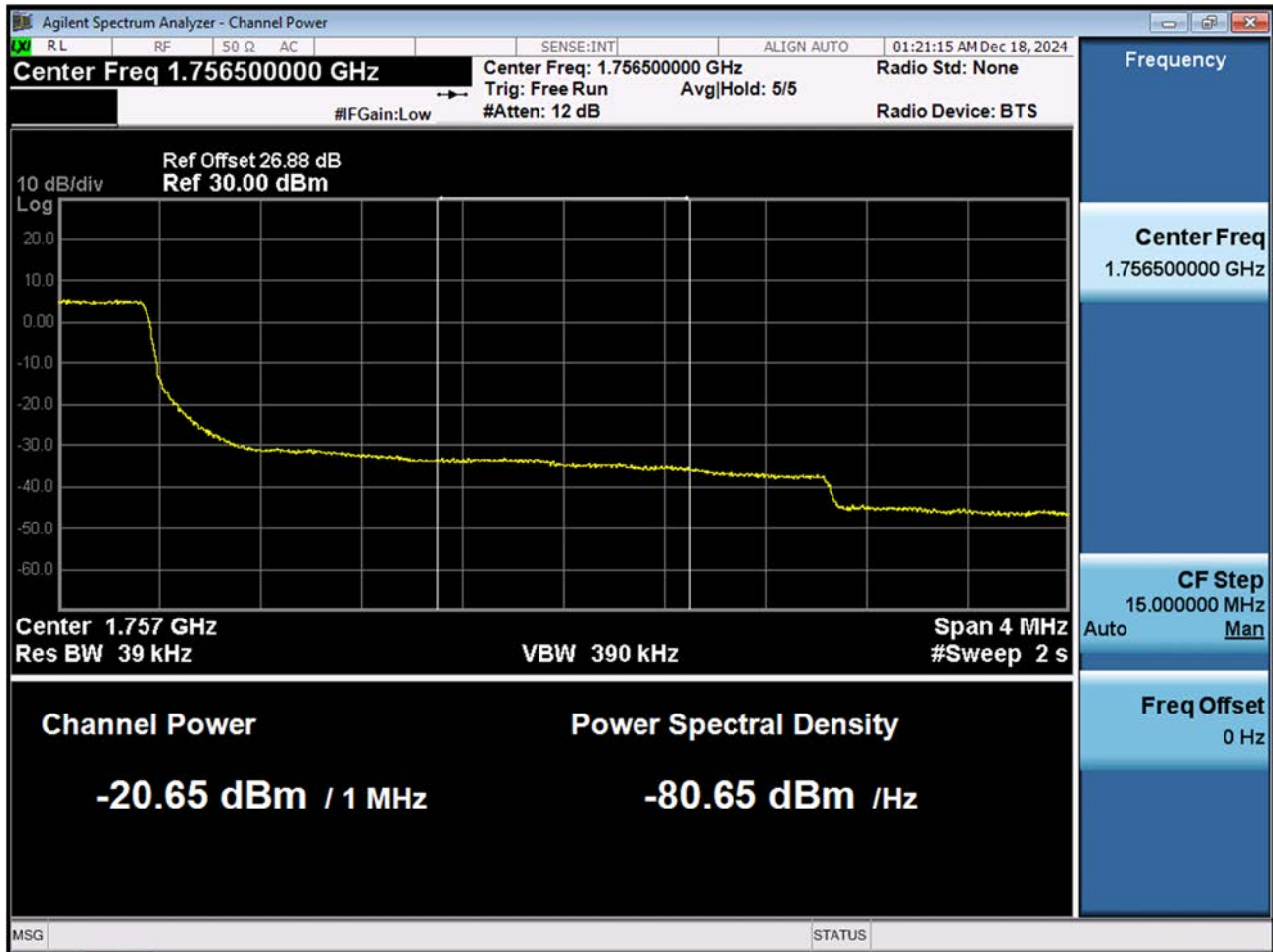
## LTE B4\_3 M\_Band Edge\_High\_QPSK\_1RB



## LTE B4\_3 M\_Band Edge\_High\_QPSK\_FullRB

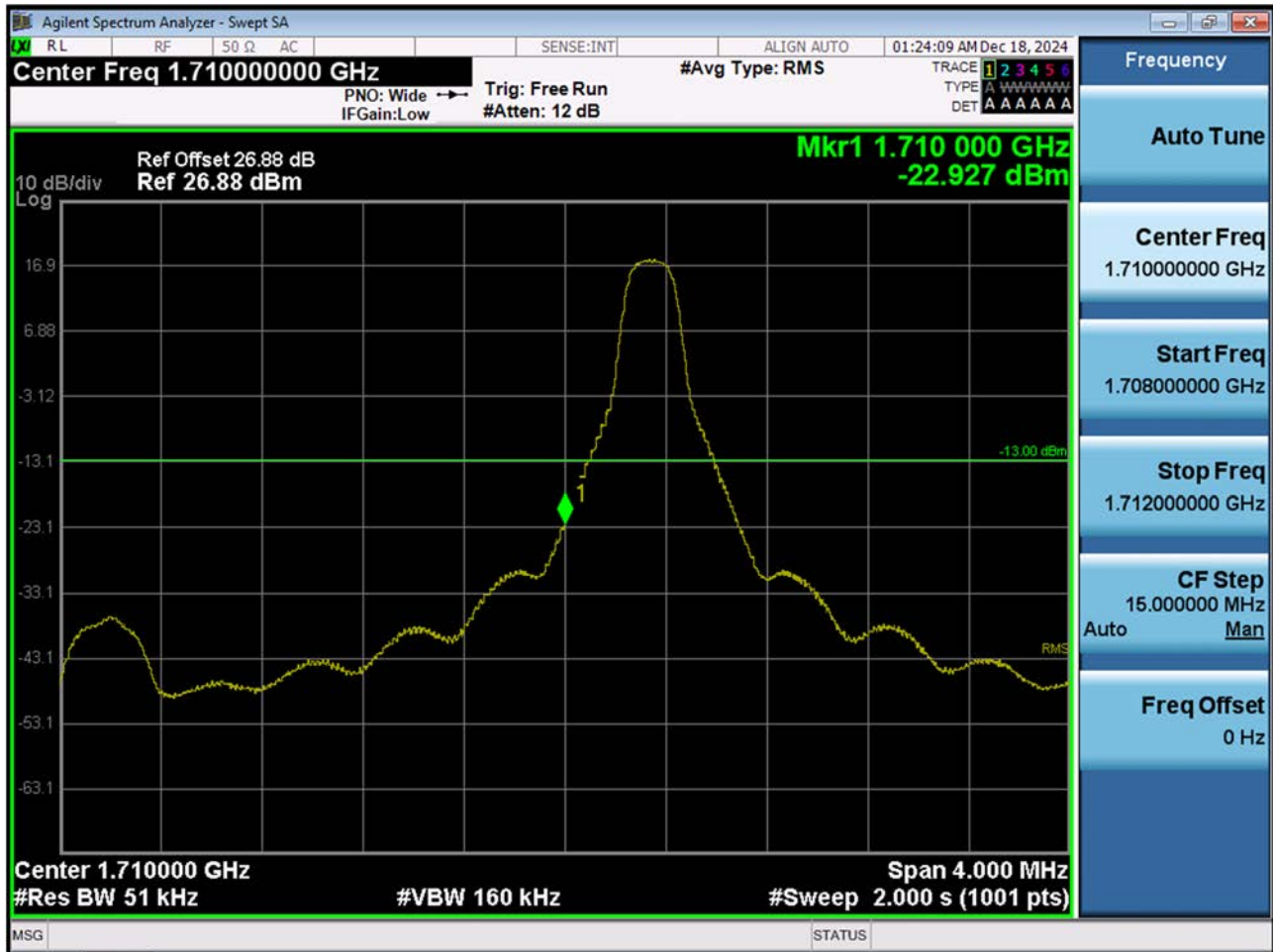


## LTE B4\_3 M\_Extended Band Edge\_High\_QPSK\_FullRB

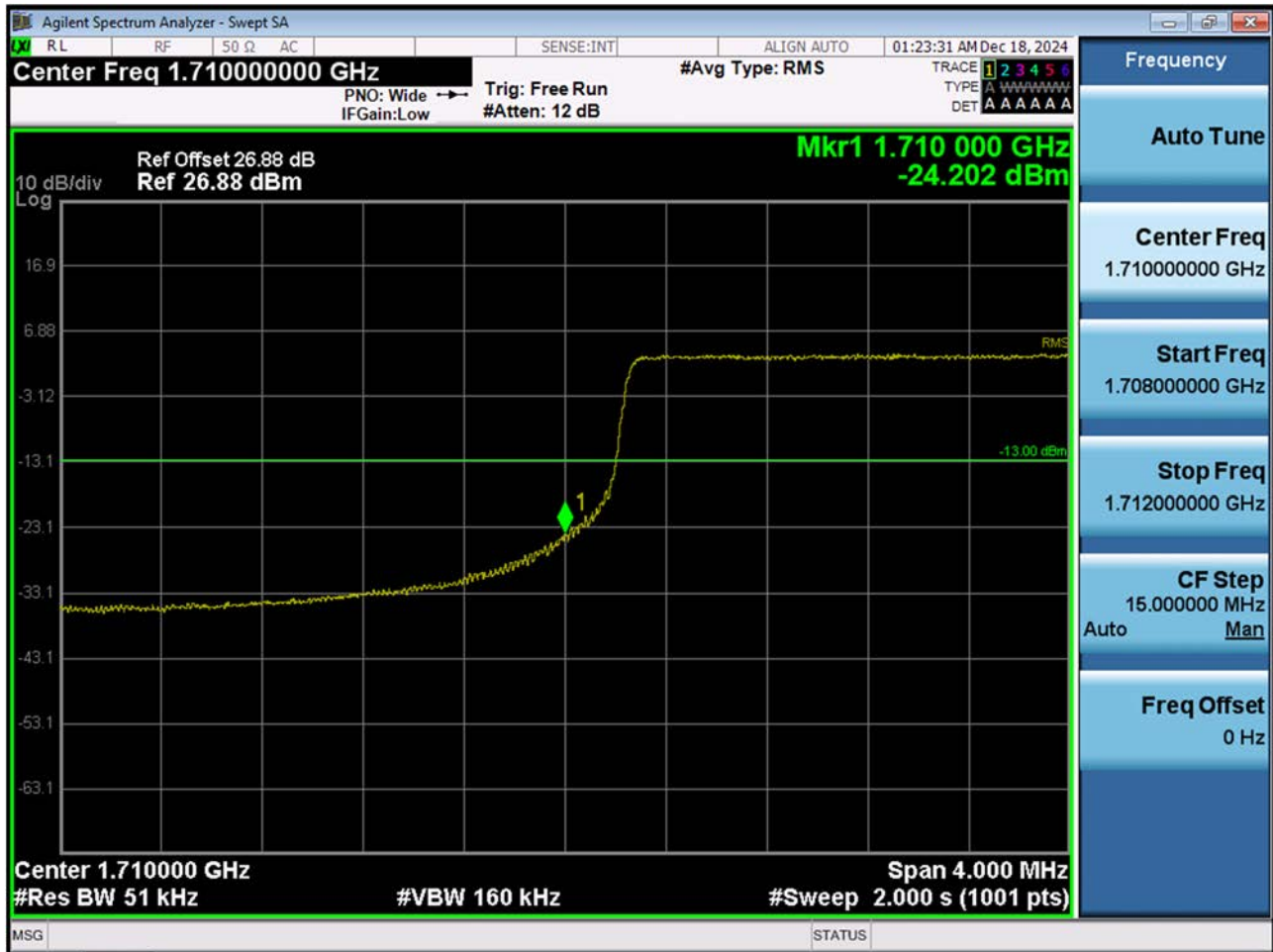




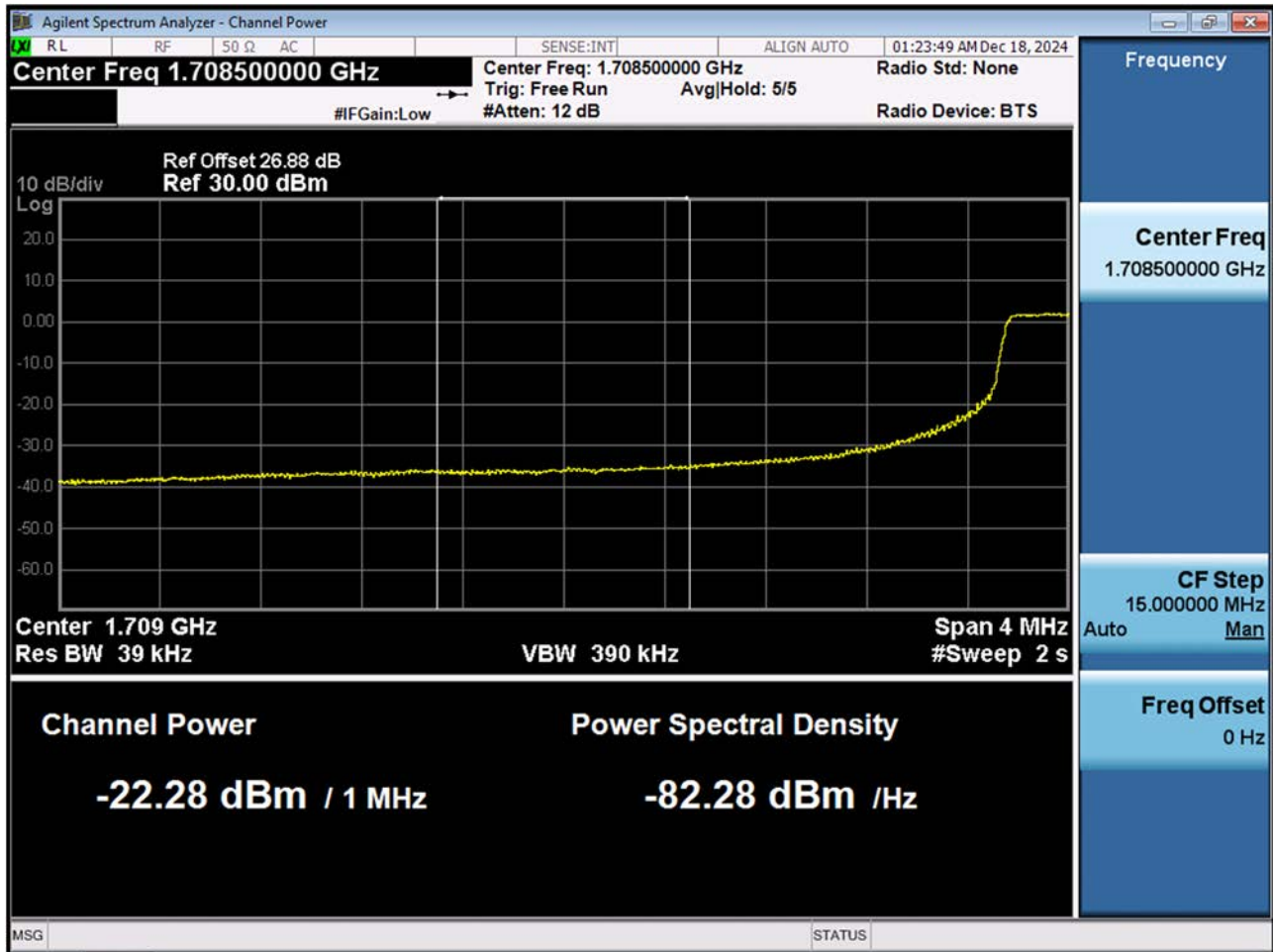
## LTE B4\_5 M\_Band Edge\_Low\_QPSK\_1RB



## LTE B4\_5 M\_Band Edge\_Low\_QPSK\_FullIRB



## 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

