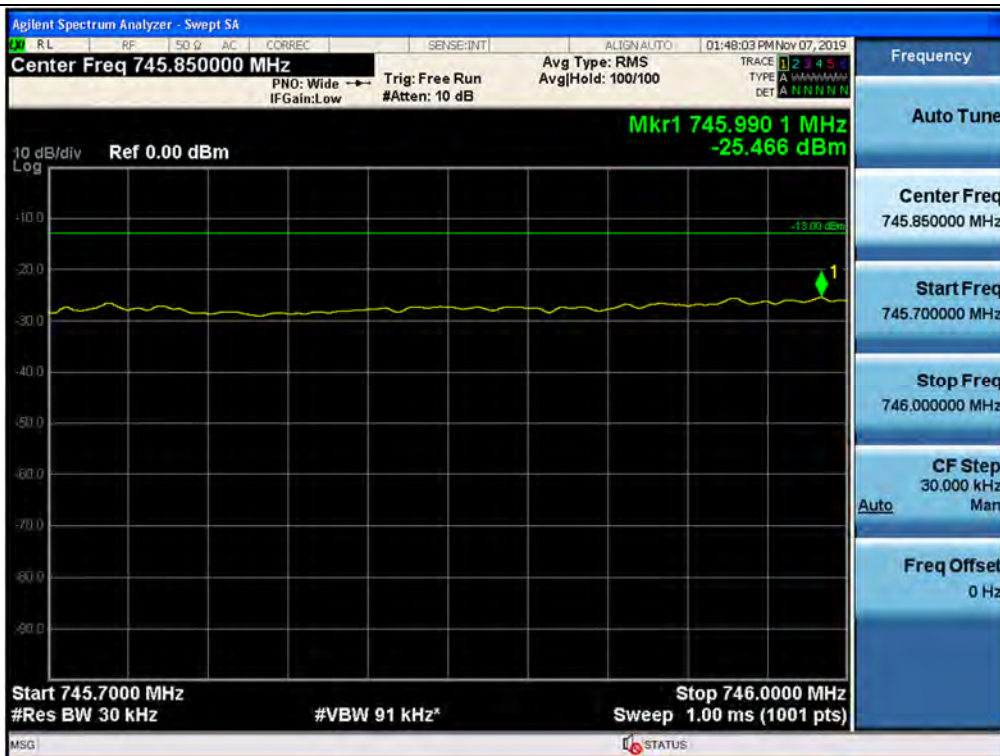


Out-of-band (two adjacent test signals) / Upper 700 MHz / Downlink / LTE 10 MHz / Upper



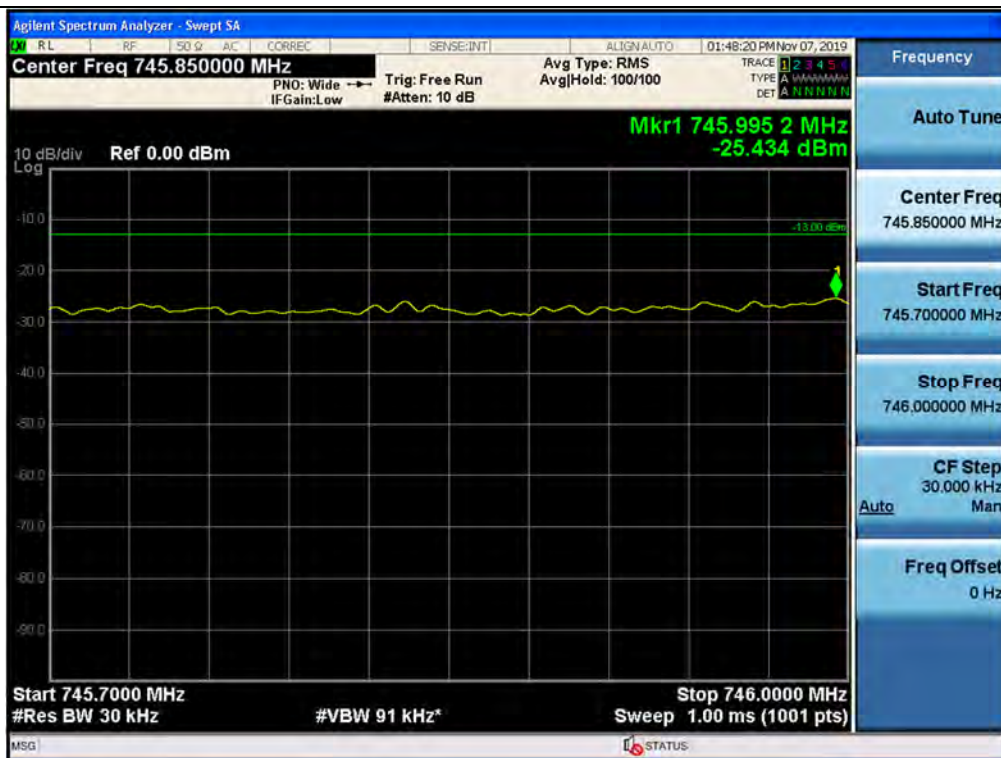
Out-of-band (two adjacent test signals) / Upper 700 MHz / Downlink / LTE 10 MHz / Lower



+3 dB above Out-of-band (two adjacent test signals) / Upper 700 MHz / Downlink / LTE 10 MHz / Upper



+3 dB above Out-of-band (two adjacent test signals) / Upper 700 MHz / Downlink / LTE 10 MHz / Lower



Out-of-band (two adjacent test signals) / ESMR / Downlink / LTE 5 MHz / Upper



Out-of-band (two adjacent test signals) / ESMR / Downlink / LTE 5 MHz / Lower



Agilent Spectrum Analyzer - Swept SA

2X R.L RF 50 S A.C. CORREC SENSE:INT ALIGN: AUTO 04:15:05 PM Nov 06, 2019

Center Freq 869.150000 MHz

PNO: Wide → Trig: Free Run Avg Type: RMS
IF Gain: Low #Atten: 10 dB Avg/Hold: 100/100

TRACE 1 2 3 4 5
TYPE A WAAAAAA
DET A NNNNN

Mkr1 869.005 1 MHz
-15.003 dBm

10 dB/div Ref 0.00 dBm

Log

Start 869.0000 MHz Stop 869.300000 MHz
#Res BW 100 kHz #VBW 300 kHz* Sweep 1.00 ms (1001 pts)

MSG E6 STATUS

Frequency

Auto Tune

Center Freq 869.150000 MHz

Start Freq 869.000000 MHz

Stop Freq 869.300000 MHz

CF Step 30.000 kHz
Man

Auto

Freq Offset 0 Hz

Agilent Spectrum Analyzer - Swept SA

R.L. RF 50 Ω AC CORREC SENSE:INT ALIGN:AUTO 04:21:23 PM Nov 06, 2019

Center Freq 861.850000 MHz

PNO: Wide IFGain:Low Trig: Free Run Avg Type: RMS
#Atten: 10 dB AvgHld: 100/100

TRACE 1 2 3 4 C
TYPE A WWWWMMW
DET A NNNNNM

10 dB/div Ref 0.00 dBm

Mkr1 861.998 5 MHz
-18.849 dBm

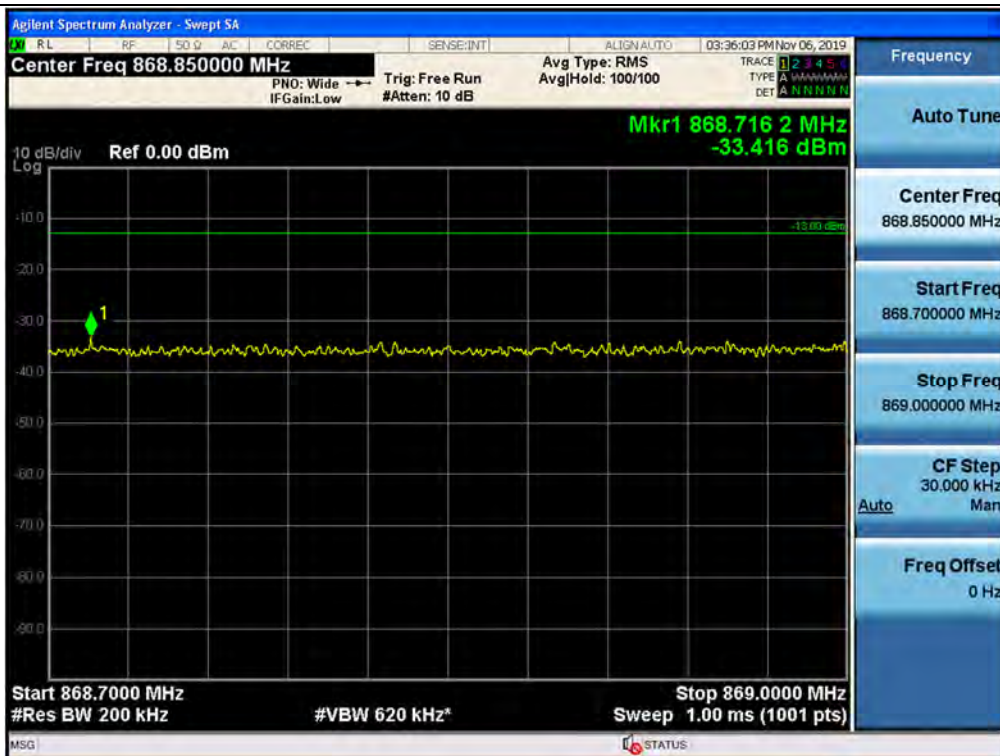
Start 861.7000 MHz Stop 862.0000 MHz
#Res BW 100 kHz #VBW 300 kHz* Sweep 1.00 ms (1001 pts)

MSG STATUS

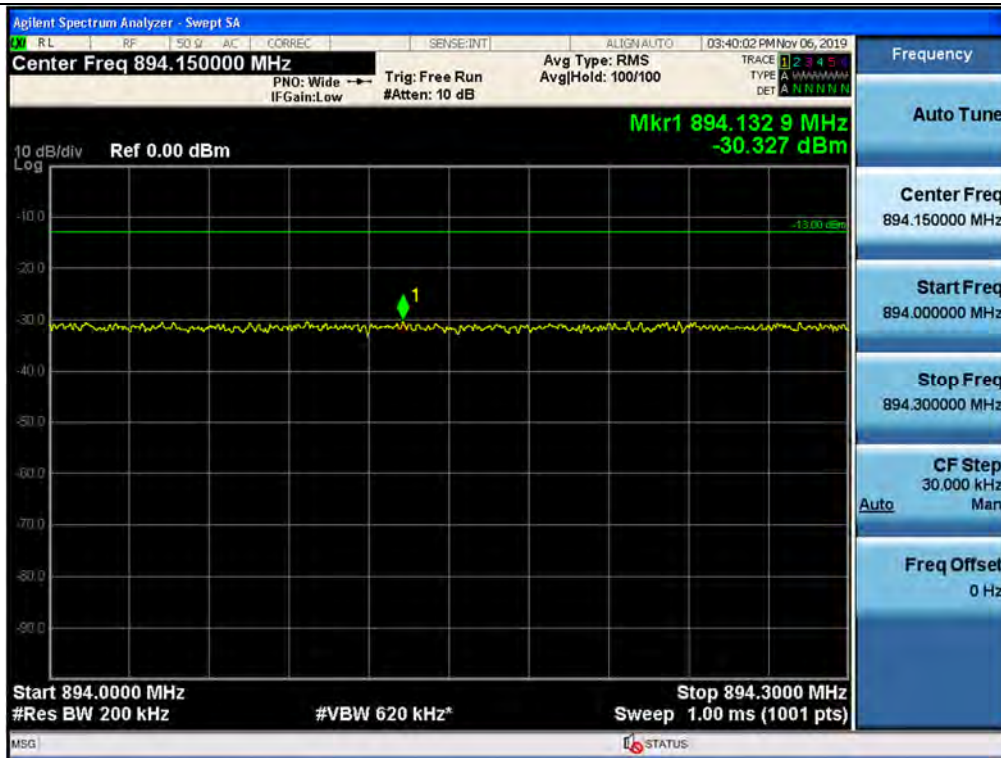
Out-of-band (two adjacent test signals) / Cellular / Downlink / LTE 20 MHz / Upper



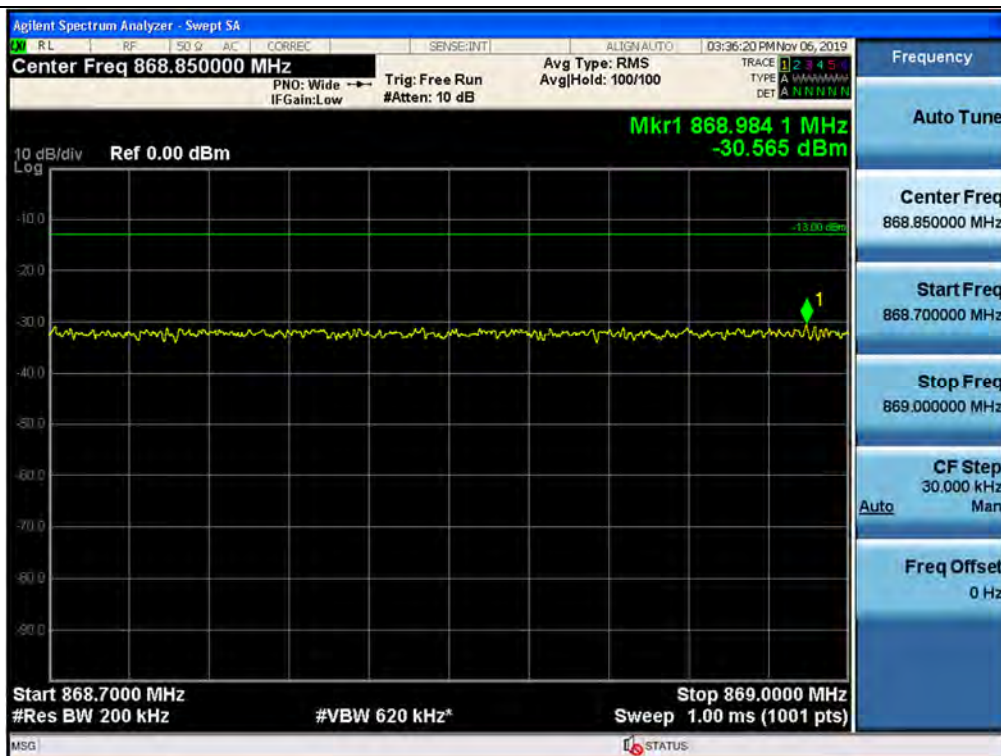
Out-of-band (two adjacent test signals) / Cellular / Downlink / LTE 20 MHz / Lower



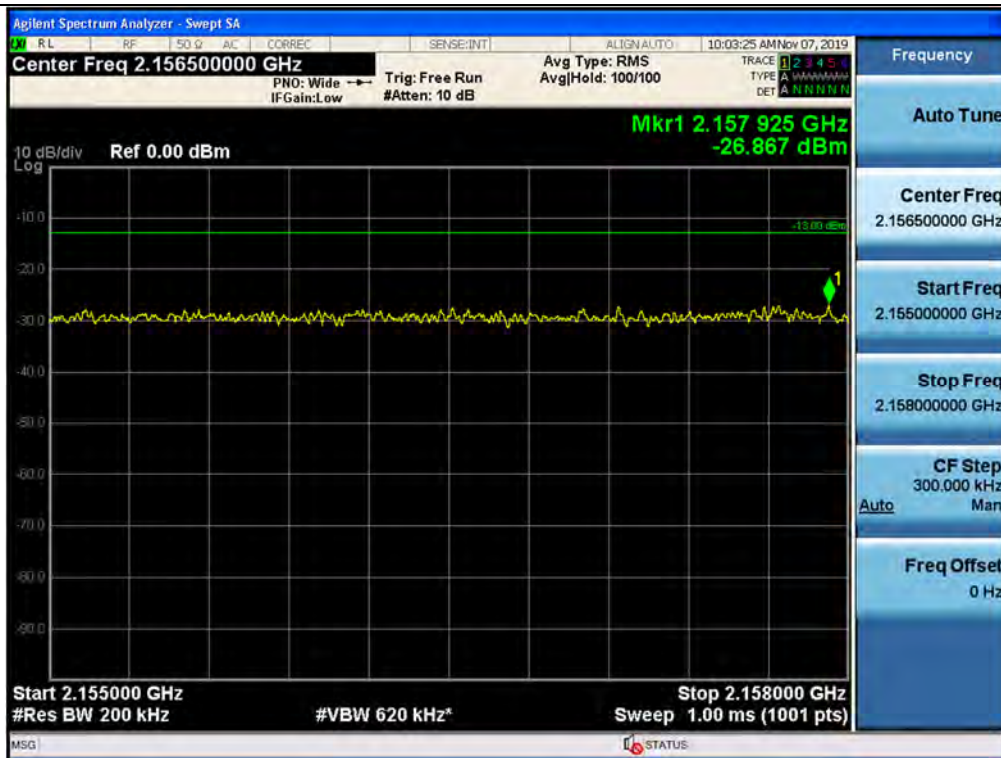
+3 dB above Out-of-band (two adjacent test signals) / Cellular / Downlink / LTE 20 MHz / Upper



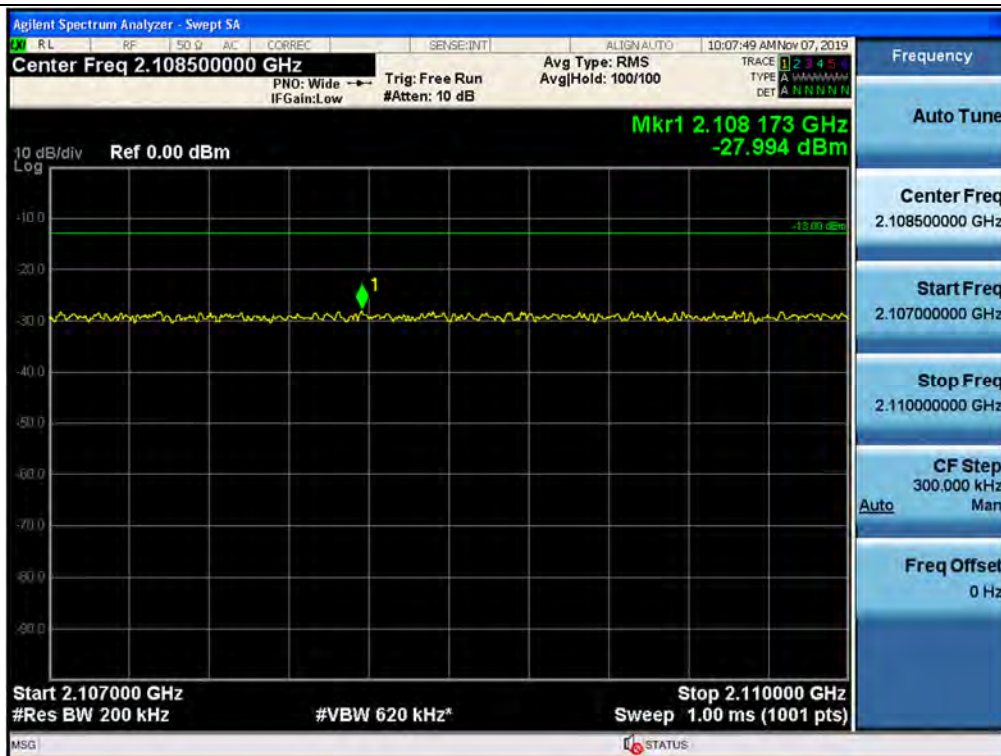
+3 dB above Out-of-band (two adjacent test signals) / Cellular / Downlink / LTE 20 MHz / Lower



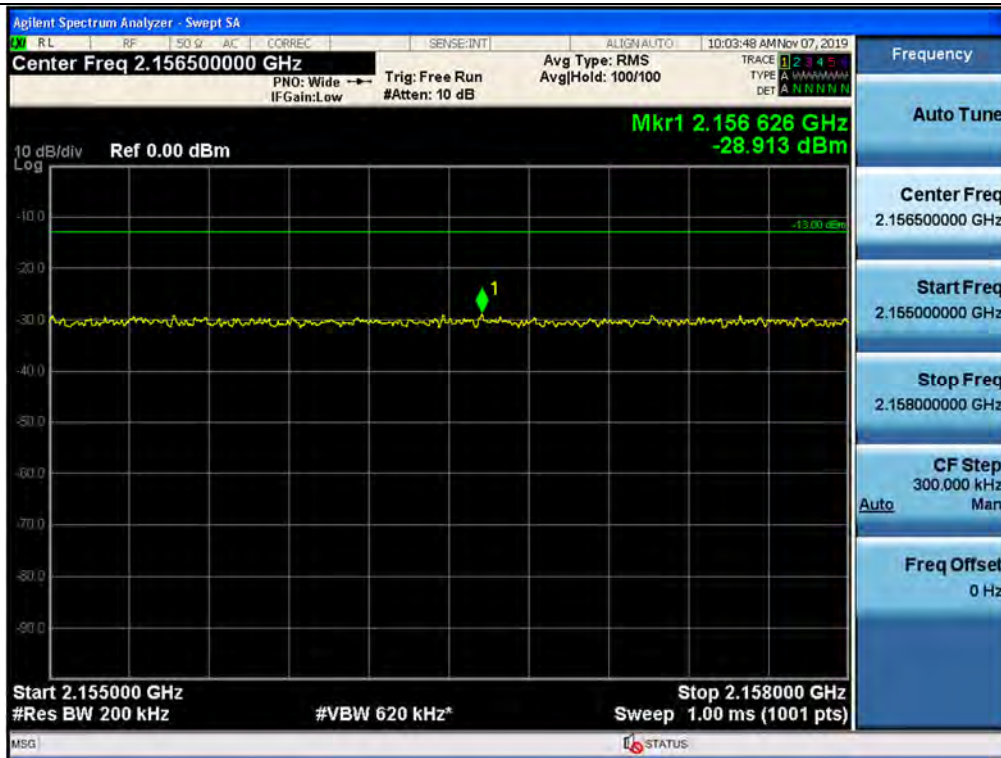
Out-of-band (two adjacent test signals) / AWS-1 / Downlink / LTE 20 MHz / Upper



Out-of-band (two adjacent test signals) / AWS-1 / Downlink / LTE 20 MHz / Lower



+3 dB above Out-of-band (two adjacent test signals) / AWS-1 / Downlink / LTE 20 MHz / Upper



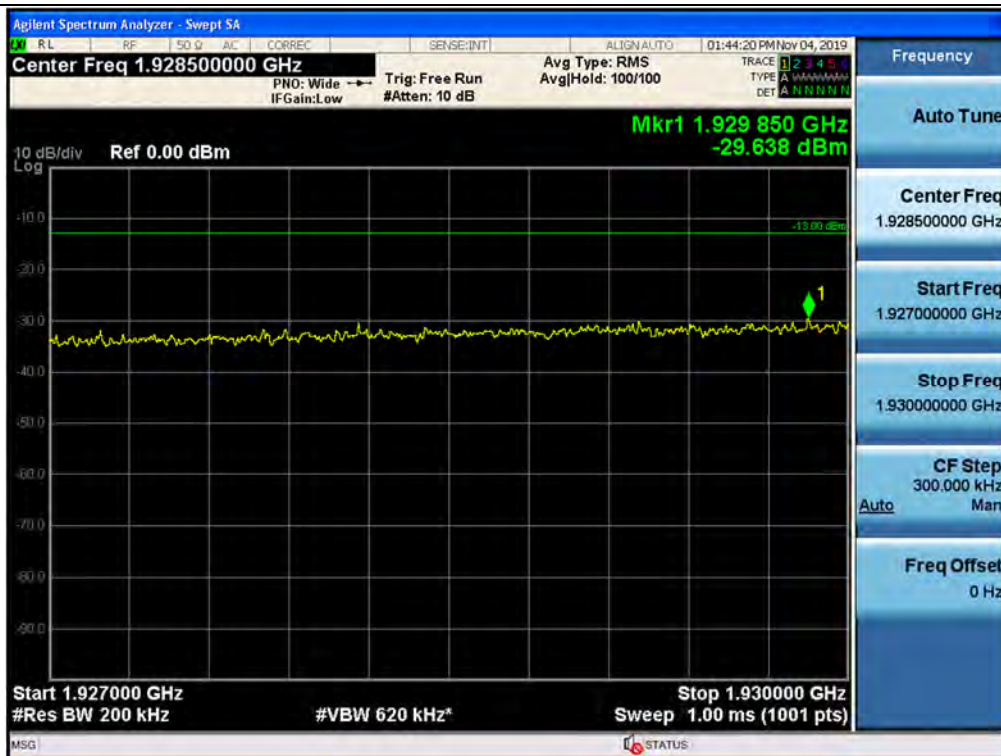
+3 dB above Out-of-band (two adjacent test signals) / AWS-1 / Downlink / LTE 20 MHz / Lower



Out-of-band (two adjacent test signals) / Broadband PCS / Downlink / LTE 20 MHz / Upper



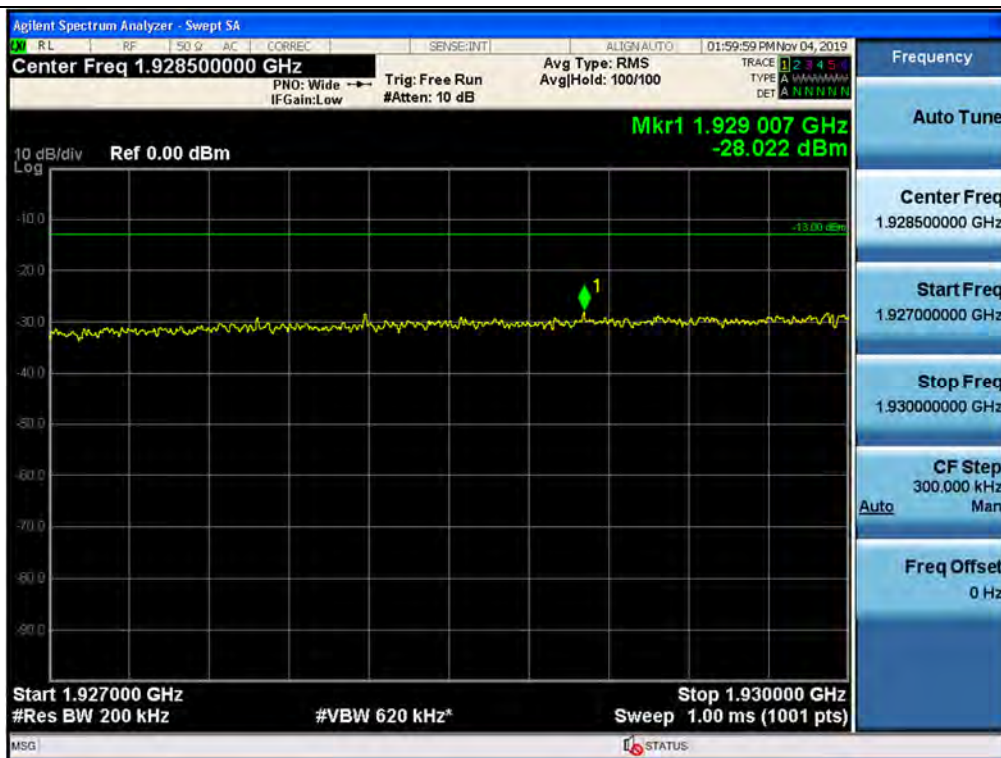
Out-of-band (two adjacent test signals) / Broadband PCS / Downlink / LTE 20 MHz / Lower



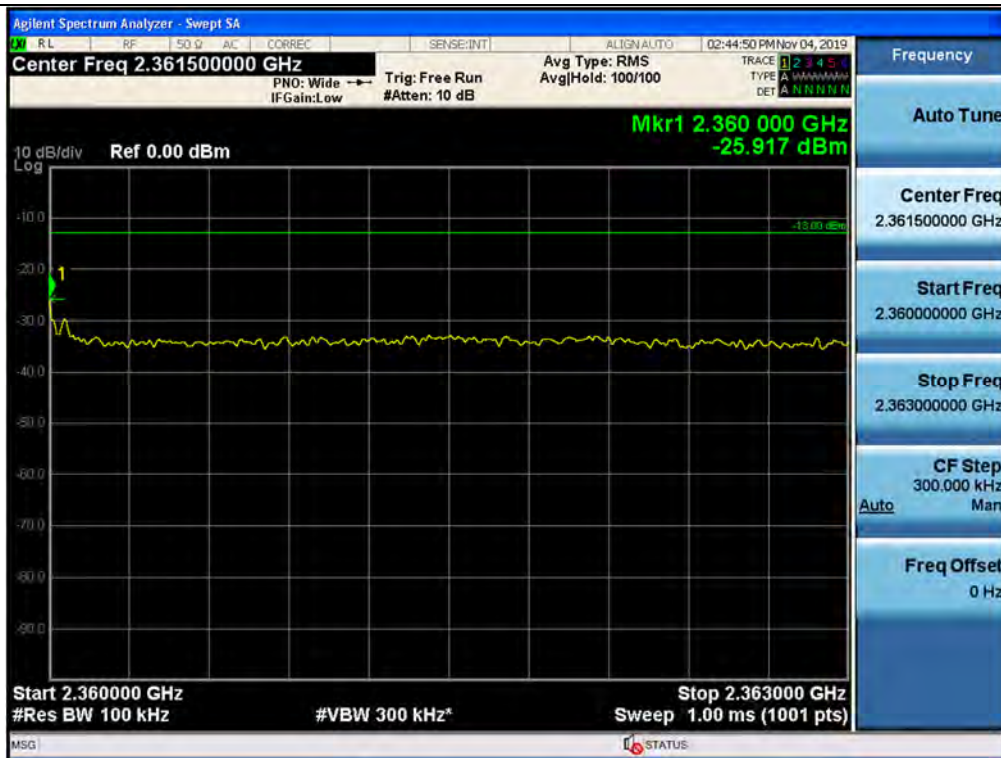
+3 dB above Out-of-band (two adjacent test signals) / Broadband PCS / Downlink / LTE 20 MHz / Upper



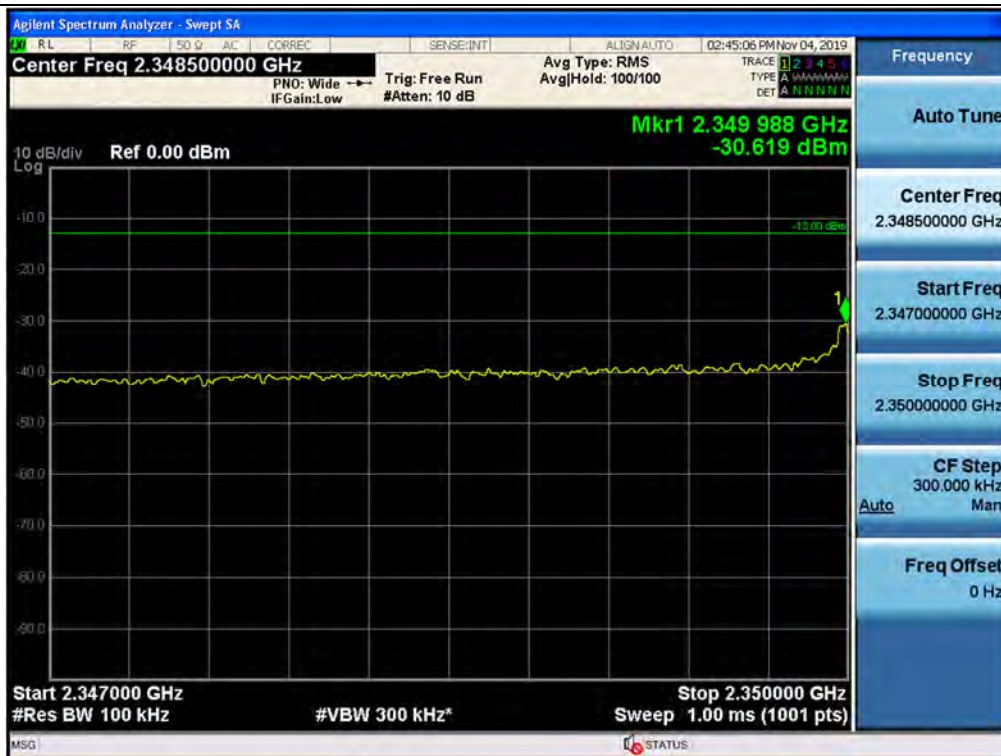
+3 dB above Out-of-band (two adjacent test signals) / Broadband PCS / Downlink / LTE 20 MHz / Lower



Out-of-band (two adjacent test signals) / WCS / Downlink / LTE 10 MHz / Upper



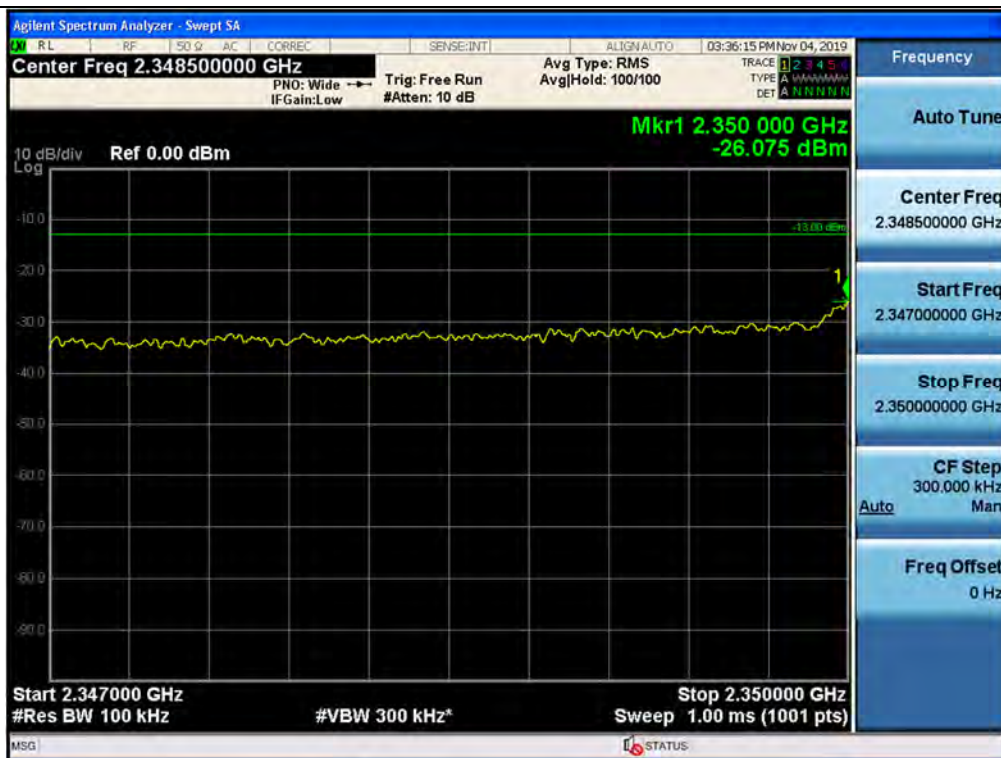
Out-of-band (two adjacent test signals) / WCS / Downlink / LTE 10 MHz / Lower



+3 dB above Out-of-band (two adjacent test signals) / WCS / Downlink / LTE 10 MHz / Upper



+3 dB above Out-of-band (two adjacent test signals) / WCS / Downlink / LTE 10 MHz / Lower



Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / 5G NR 80M / Upper

*This device operate maxiimum 80 MHz bandwidth.

Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / 5G NR 80M / Lower

*This device operate maxiimum 80 MHz bandwidth.

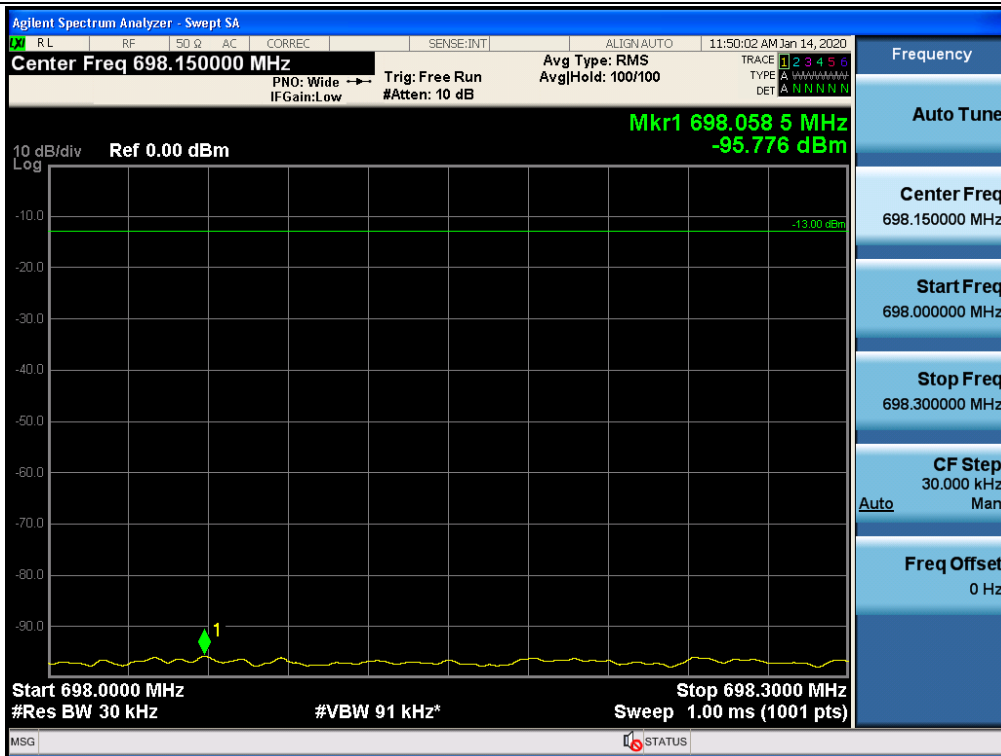
+3 dB above Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / 5G NR 80M / Upper

*This device operate maxiimum 80 MHz bandwidth.

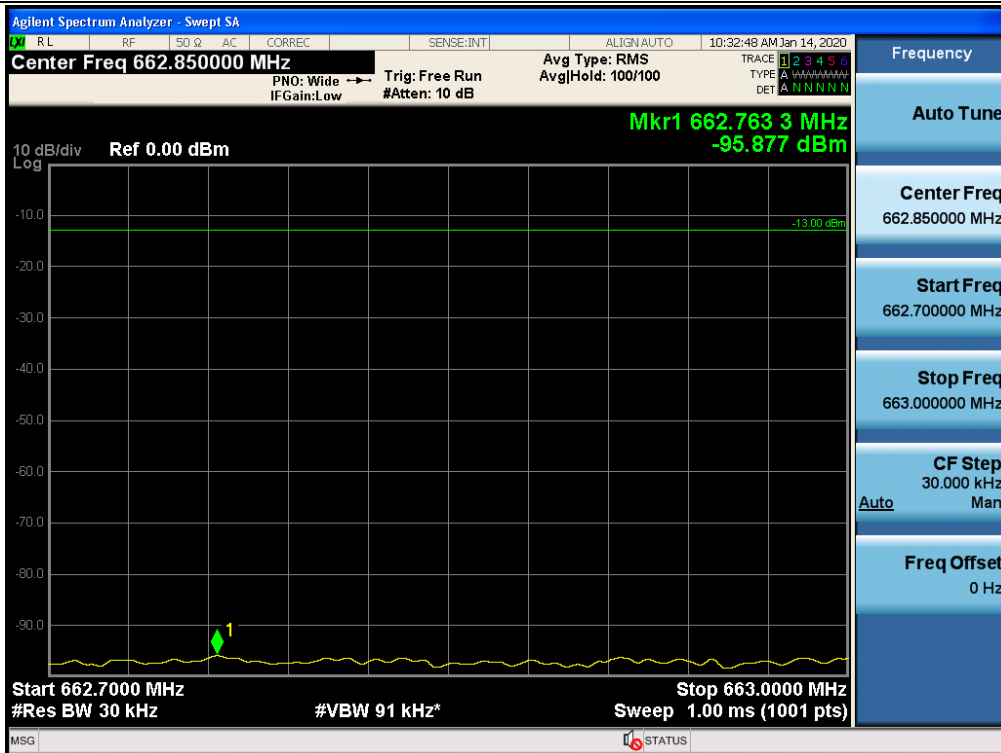
+3 dB above Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / 5G NR 80M / Lower

*This device operate maxiimum 80 MHz bandwidth.

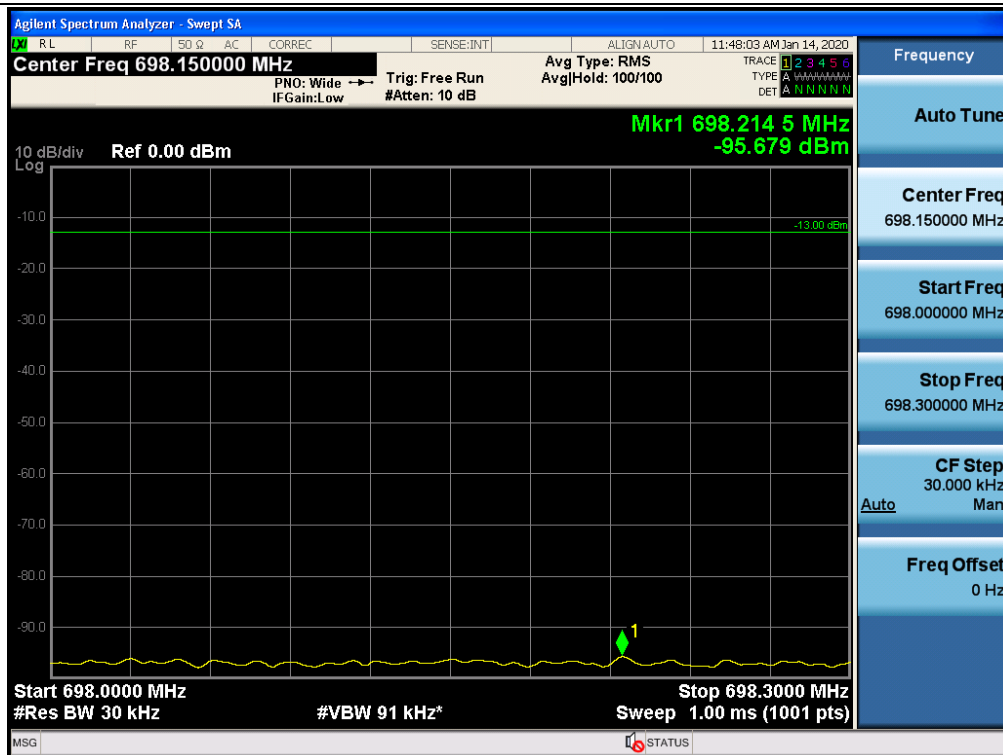
Out-of-band (single test signals) / 600 MHz / Uplink / LTE 20 MHz / Upper



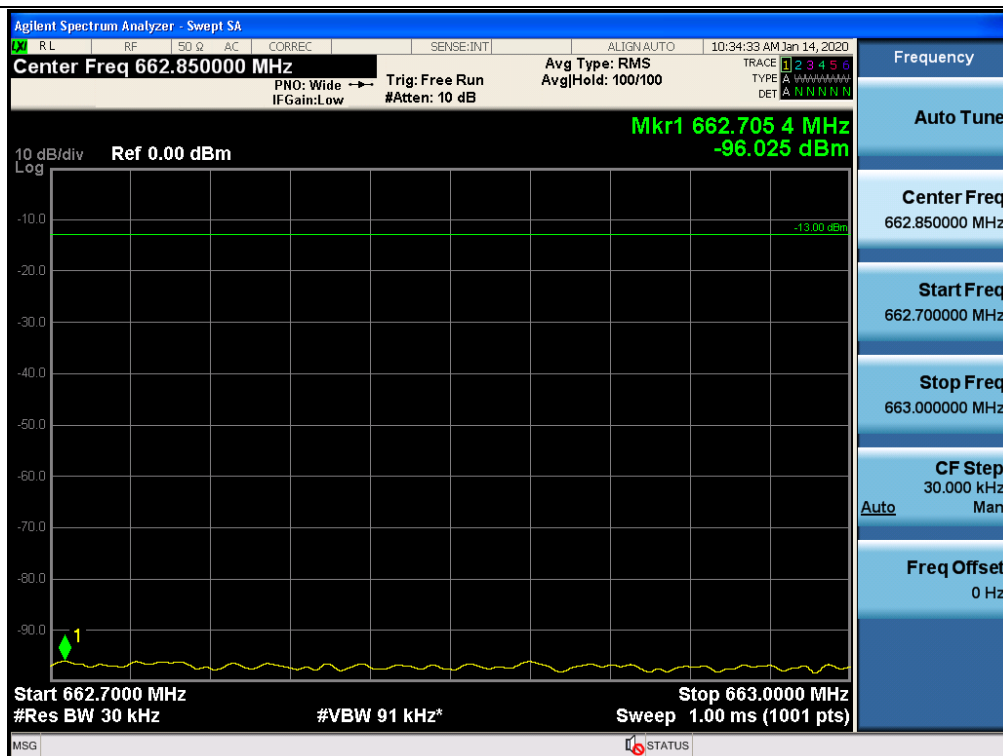
Out-of-band (single test signals) / 600 MHz / Uplink / LTE 20 MHz / Lower



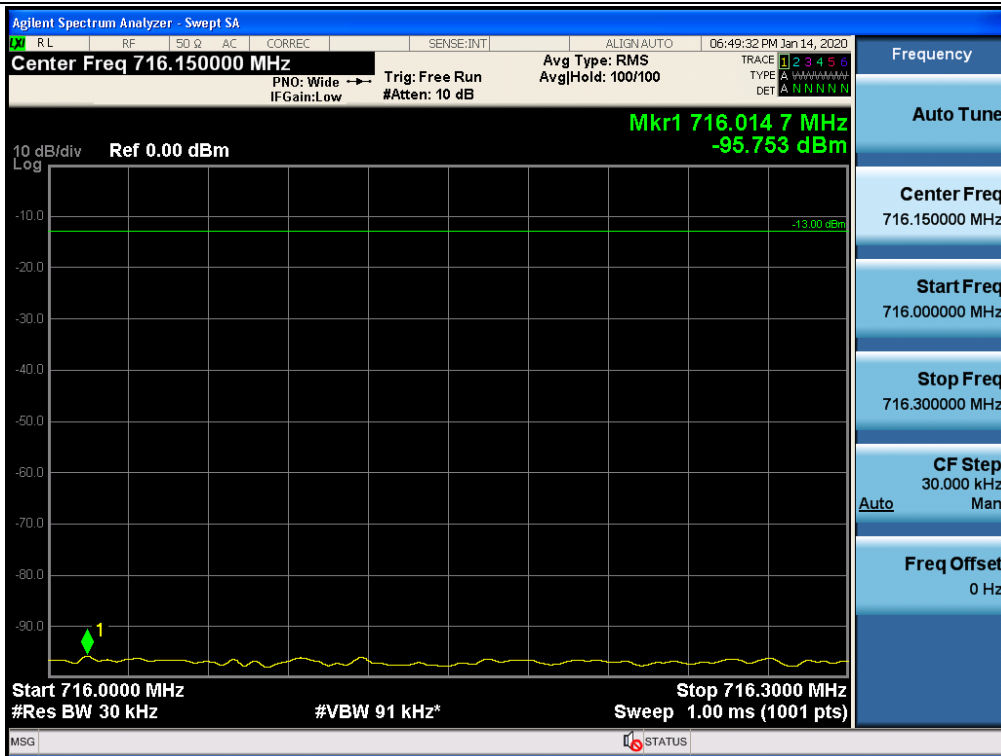
+3 dB above Out-of-band (single test signals) / 600 MHz / Uplink / LTE 20 MHz / Upper



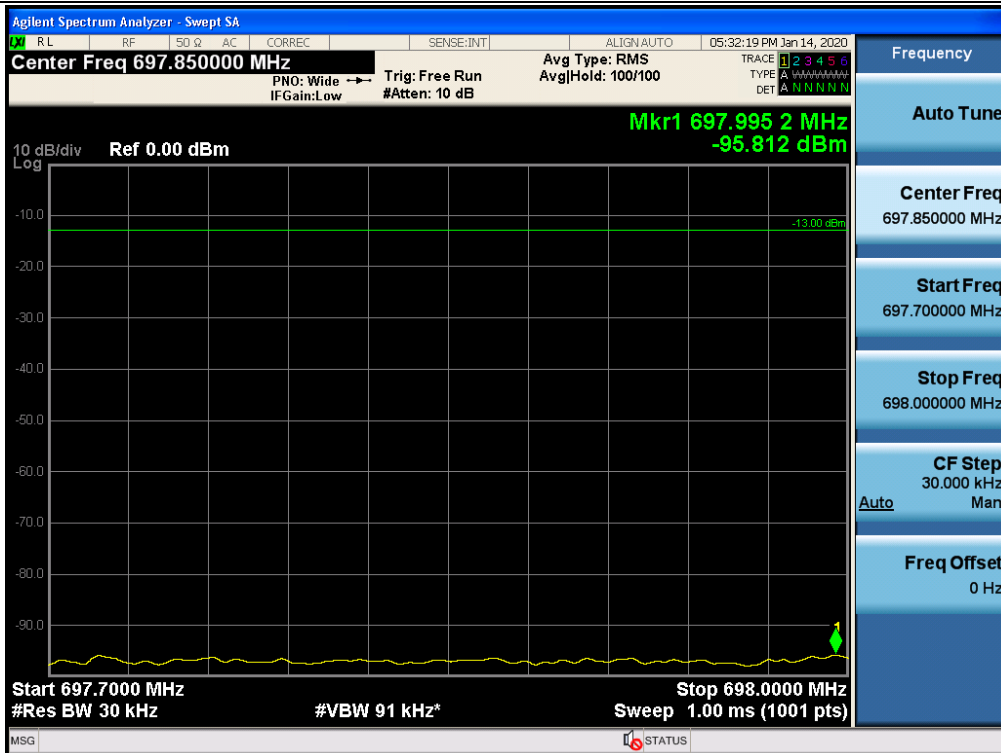
+3 dB above Out-of-band (single test signals) / 600 MHz / Uplink / LTE 20 MHz / Lower



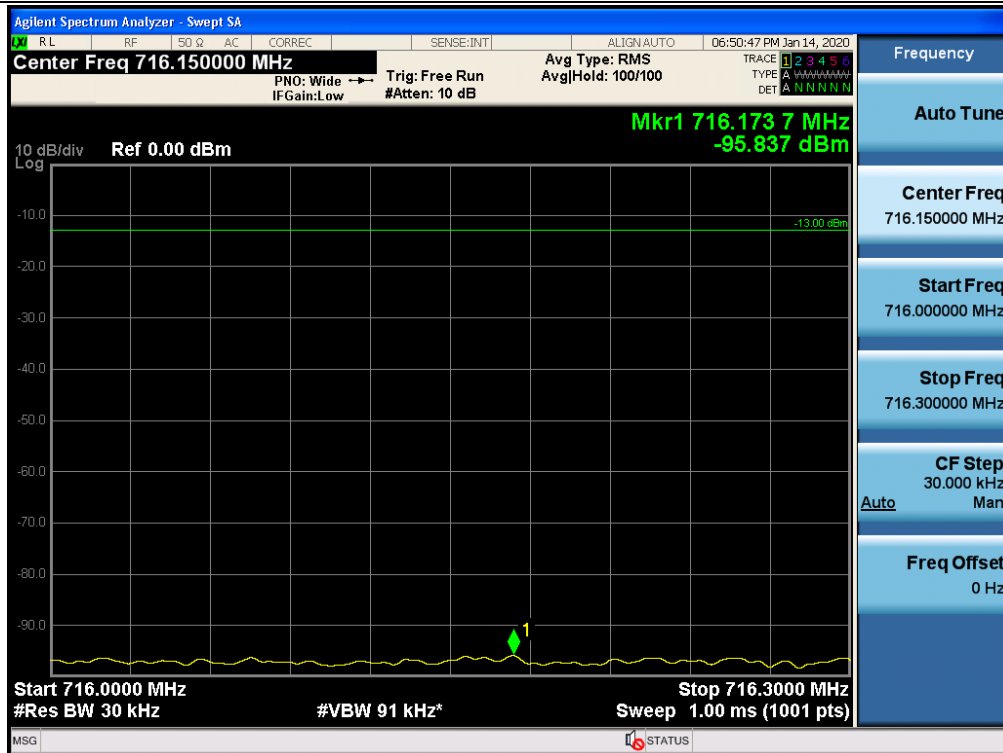
Out-of-band (single test signals) / Lower 700 MHz / Uplink / LTE 10 MHz / Upper



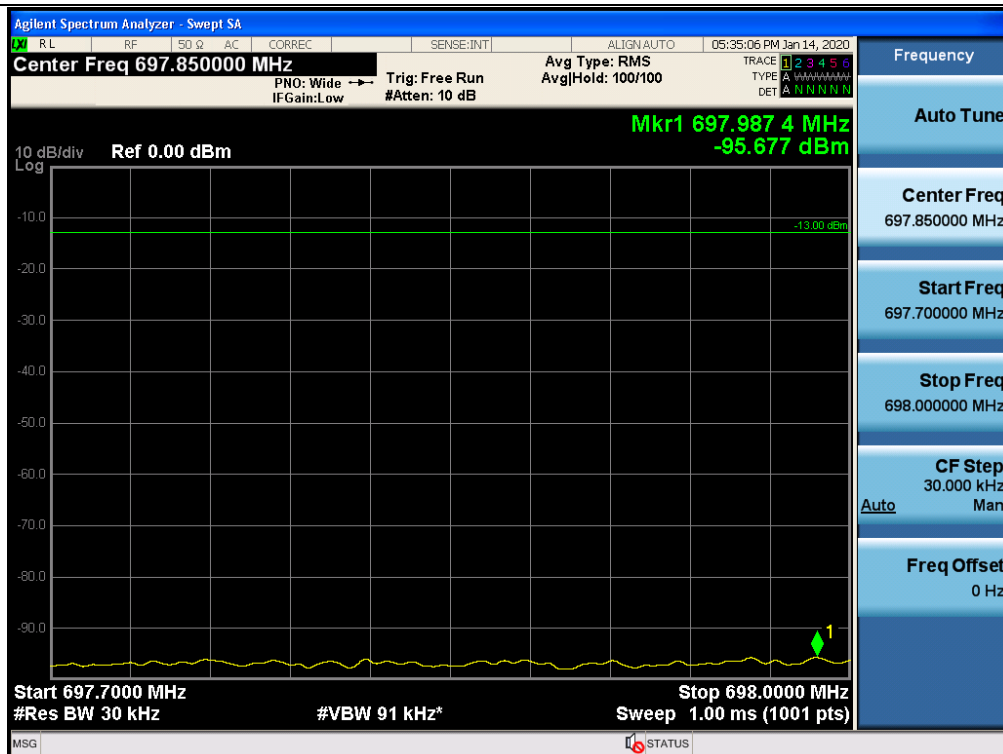
Out-of-band (single test signals) / Lower 700 MHz / Uplink / LTE 10 MHz / Lower



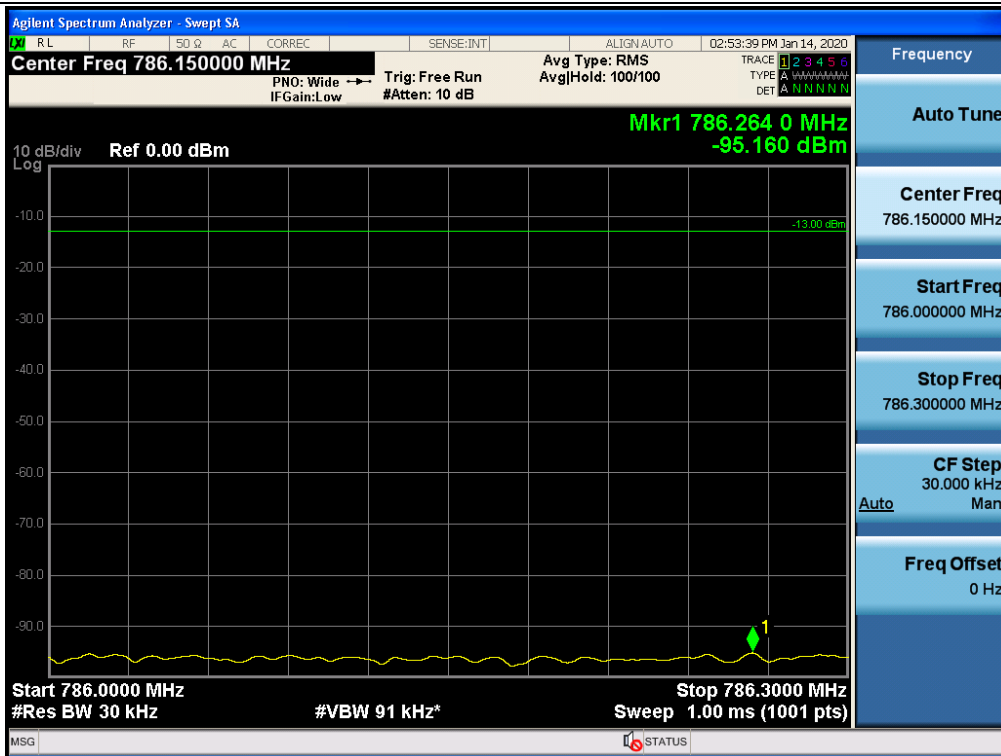
+3 dB above Out-of-band (single test signals) / Lower 700 MHz / Uplink / LTE 10 MHz / Upper



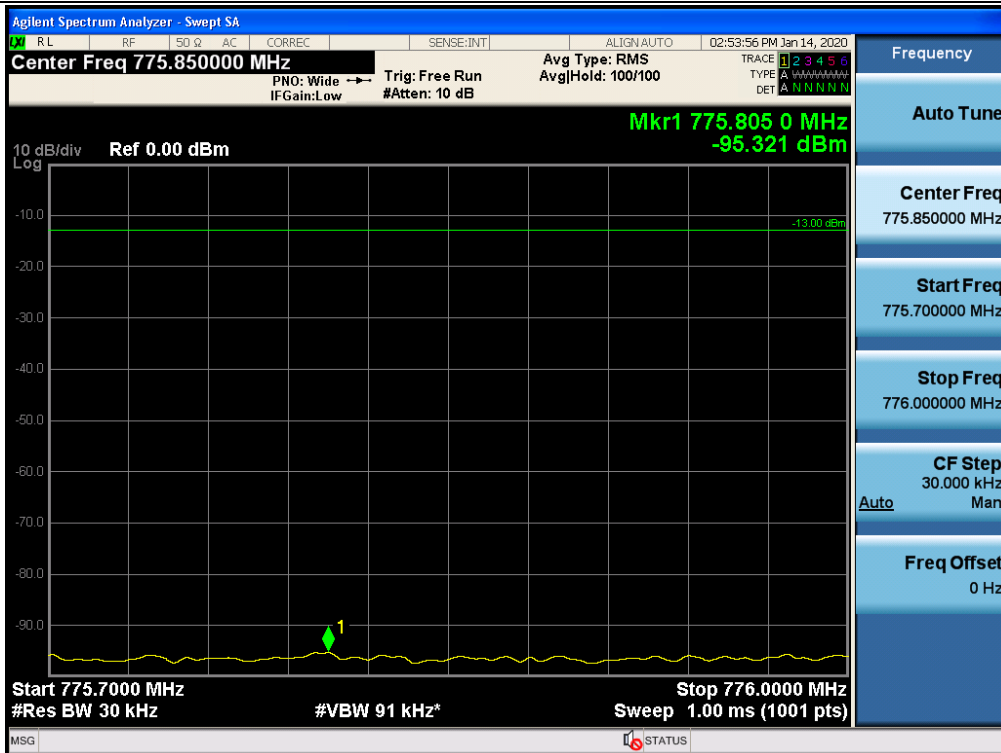
+3 dB above Out-of-band (single test signals) / Lower 700 MHz / Uplink / LTE 10 MHz / Lower



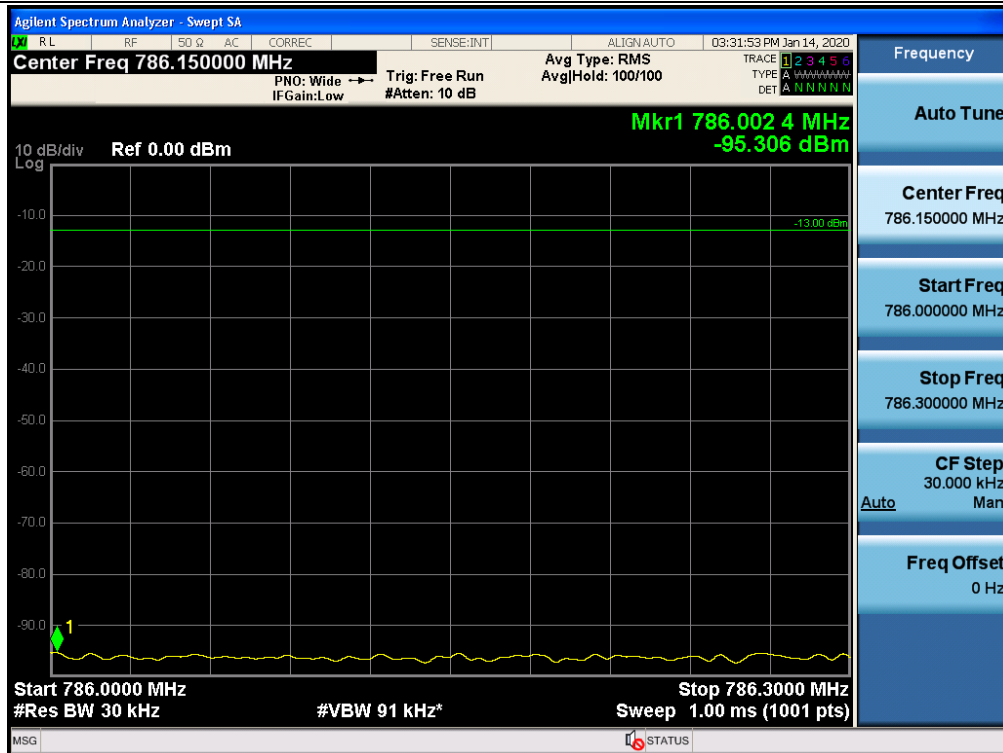
Out-of-band (single test signals) / Upper 700 MHz / Uplink / LTE 10 MHz / Upper



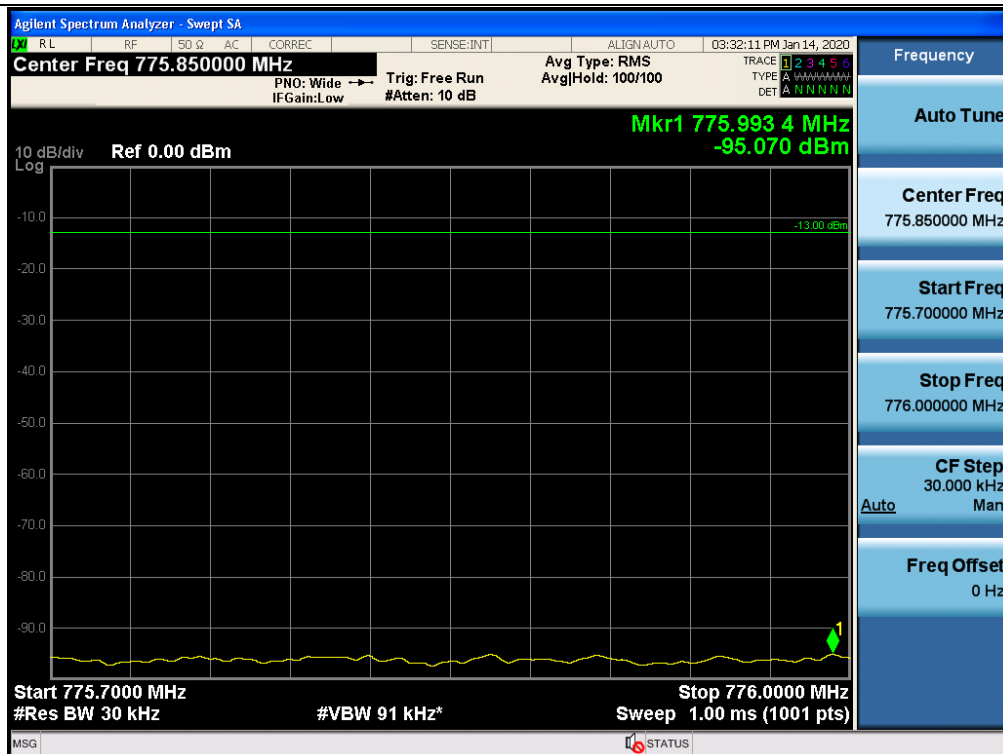
Out-of-band (single test signals) / Upper 700 MHz / Uplink / LTE 10 MHz / Lower



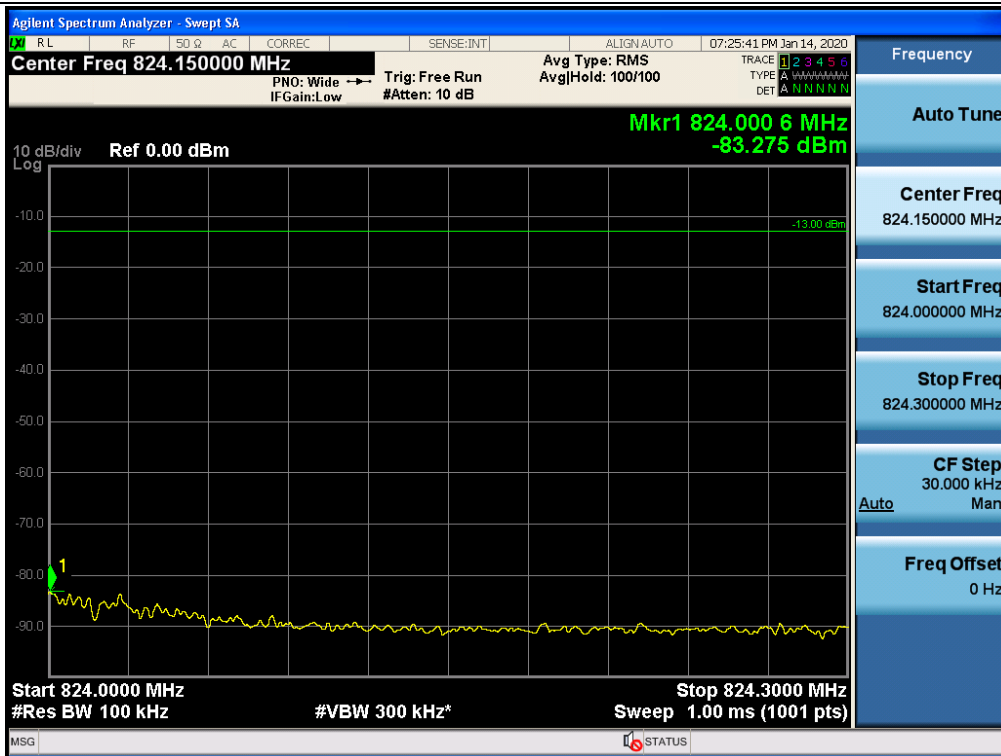
+3 dB above Out-of-band (single test signals) / Upper 700 MHz / Uplink / LTE 10 MHz / Upper



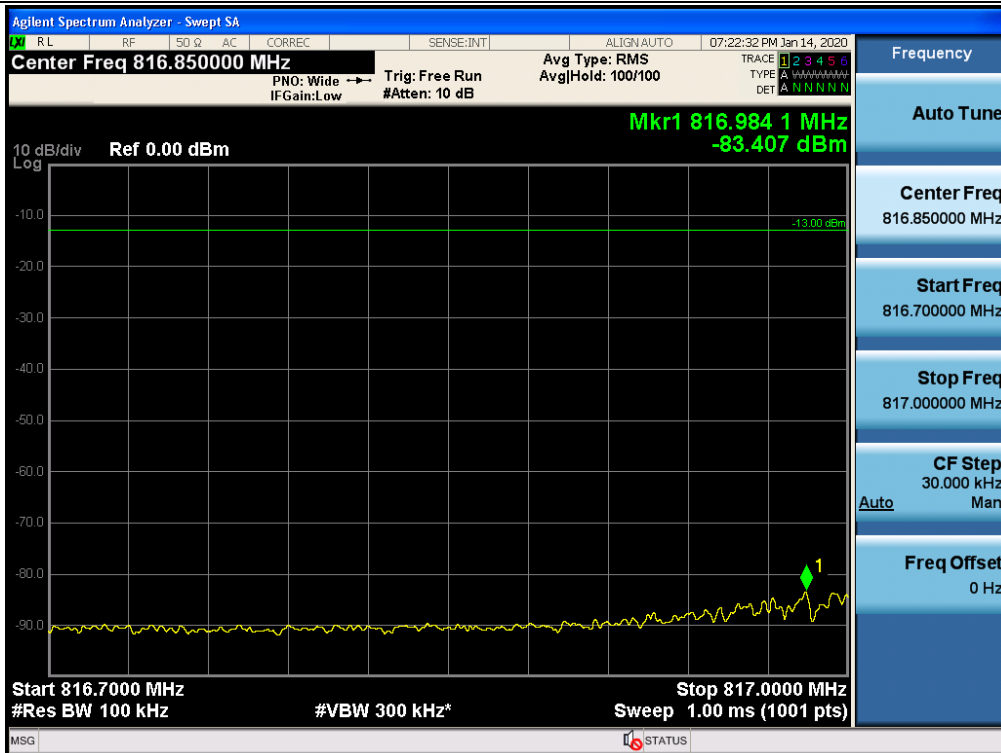
+3 dB above Out-of-band (single test signals) / Upper 700 MHz / Uplink / LTE 10 MHz / Lower



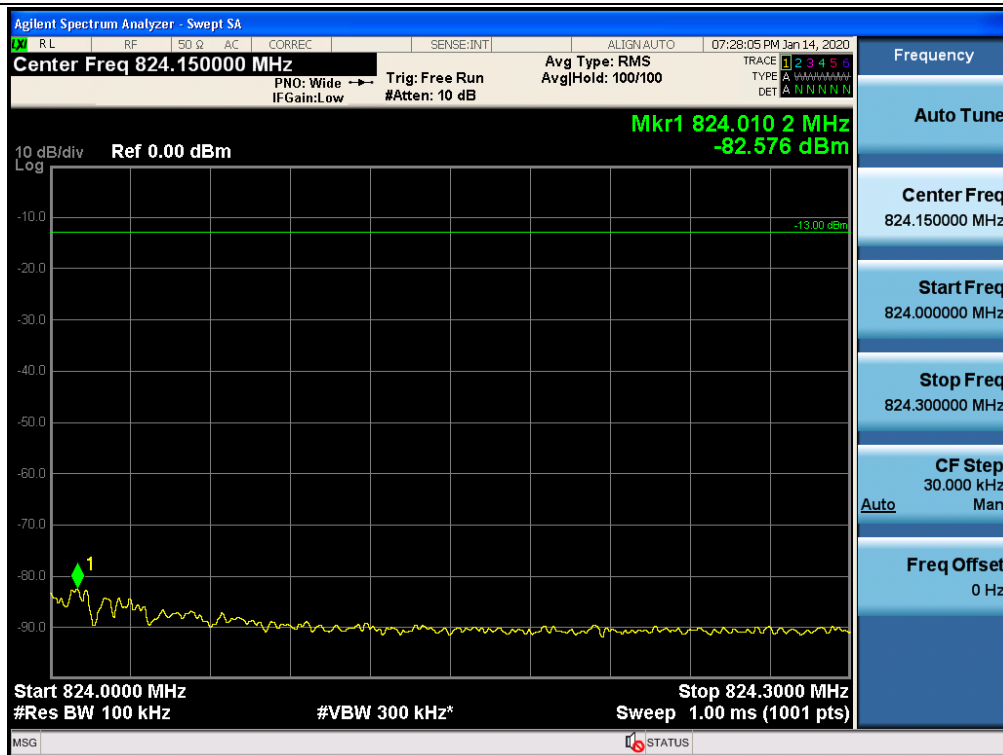
Out-of-band (single test signals) / ESMR / Uplink / LTE 5 MHz / Upper



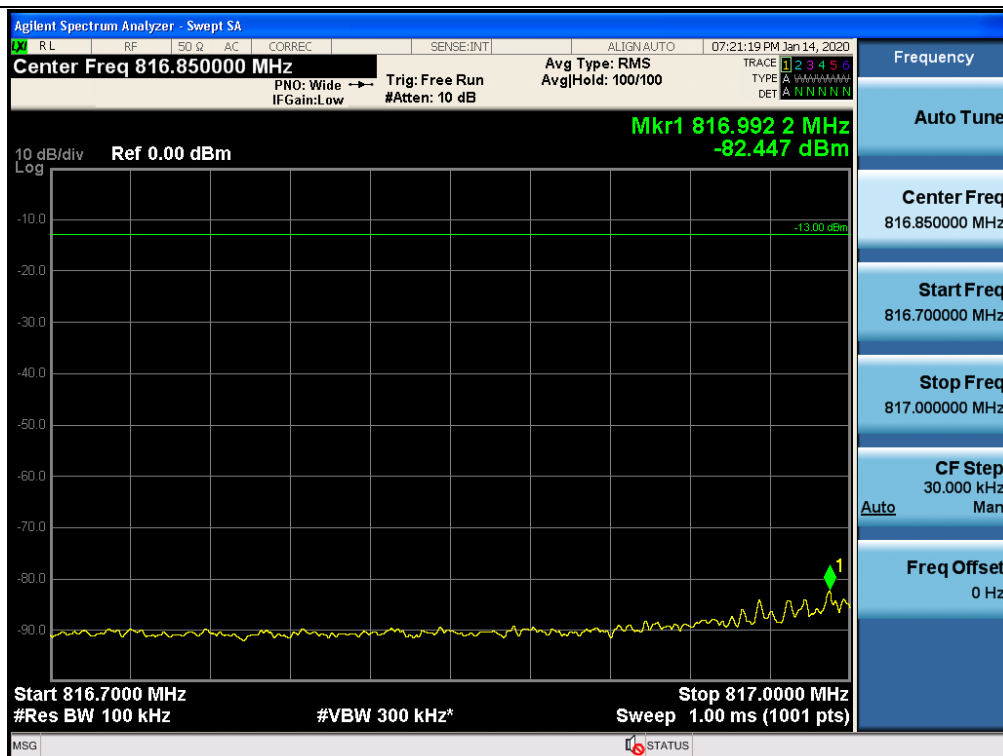
Out-of-band (single test signals) / ESMR / Uplink / LTE 5 MHz / Lower



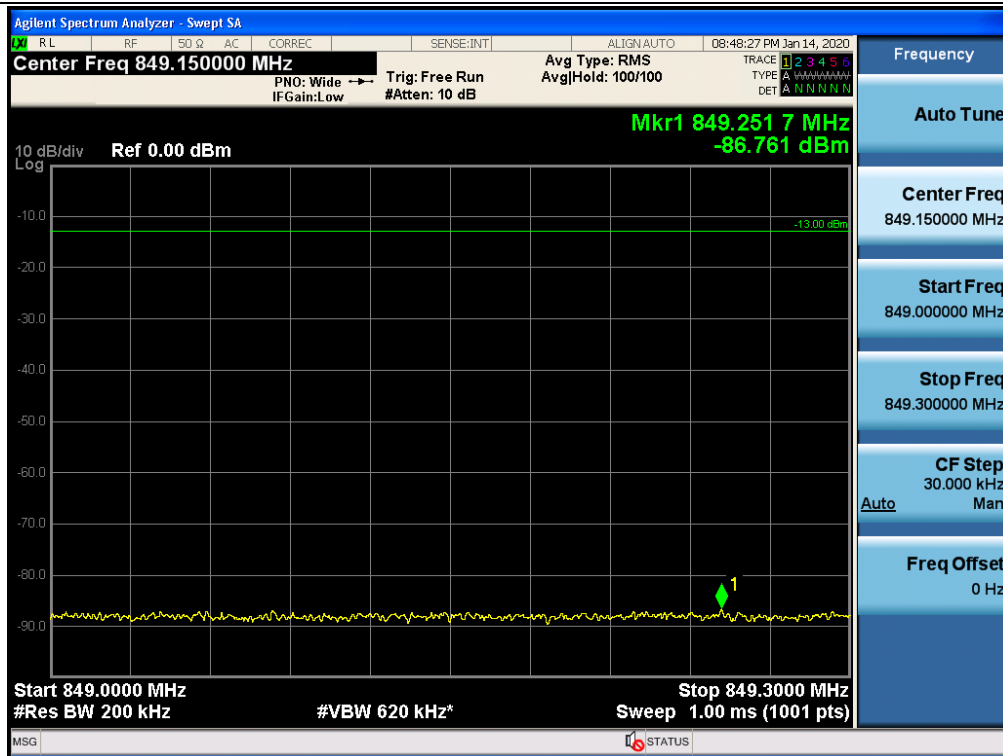
+3 dB above Out-of-band (single test signals) / ESMR / Uplink / LTE 5 MHz / Upper



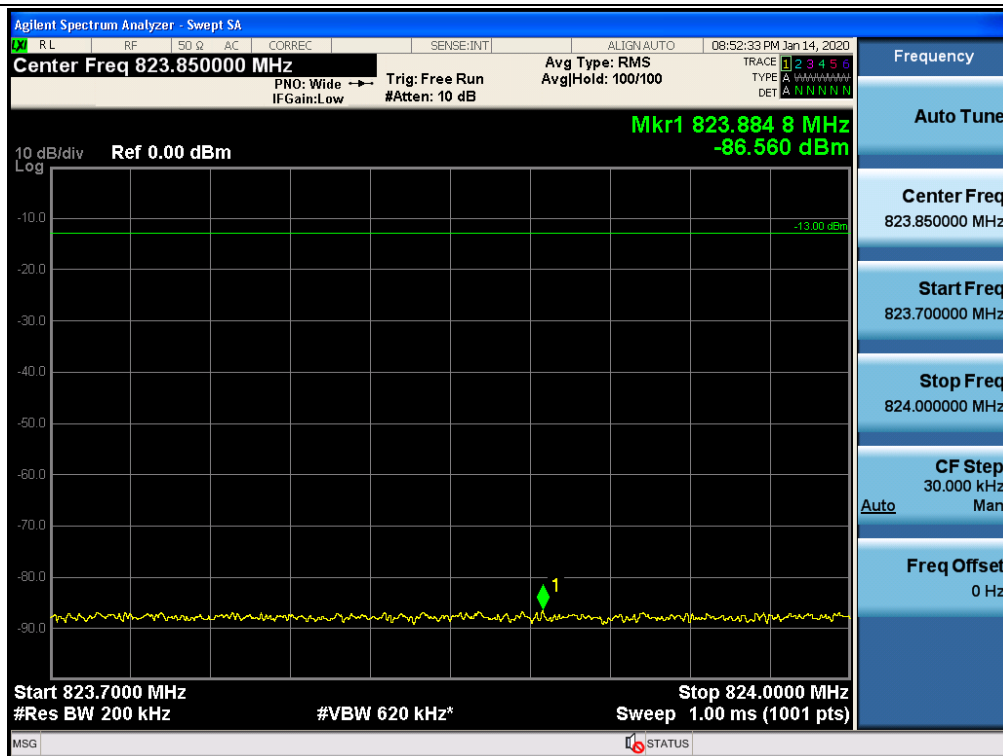
+3 dB above Out-of-band (single test signals) / ESMR / Uplink / LTE 5 MHz / Lower



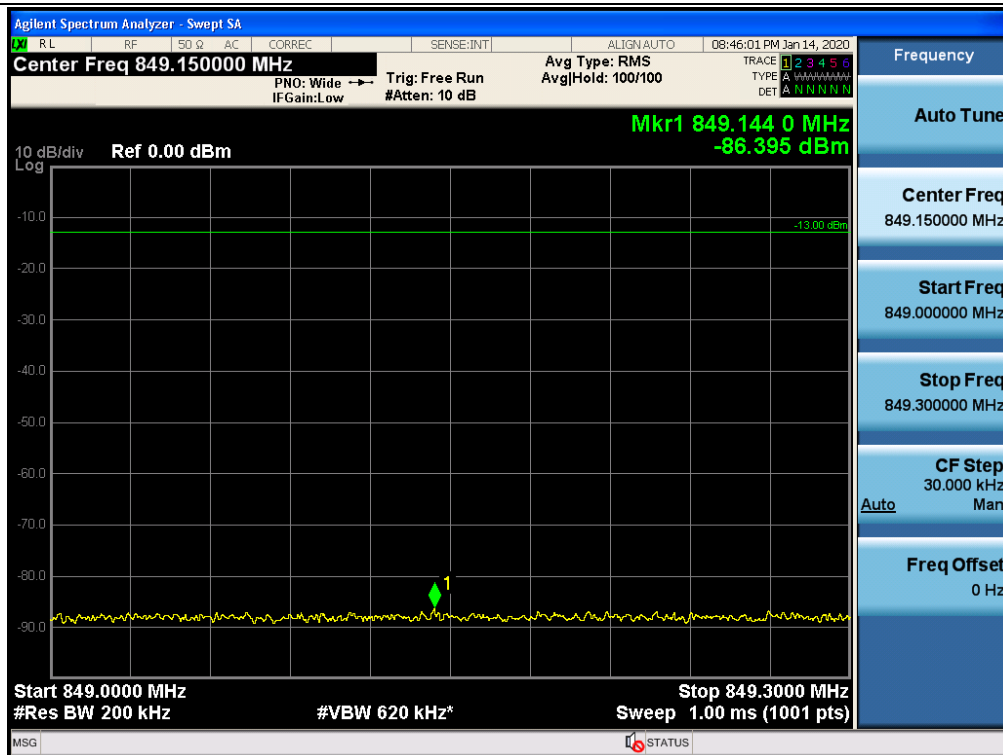
Out-of-band (single test signals) / Cellular / Uplink / LTE 20 MHz / Upper



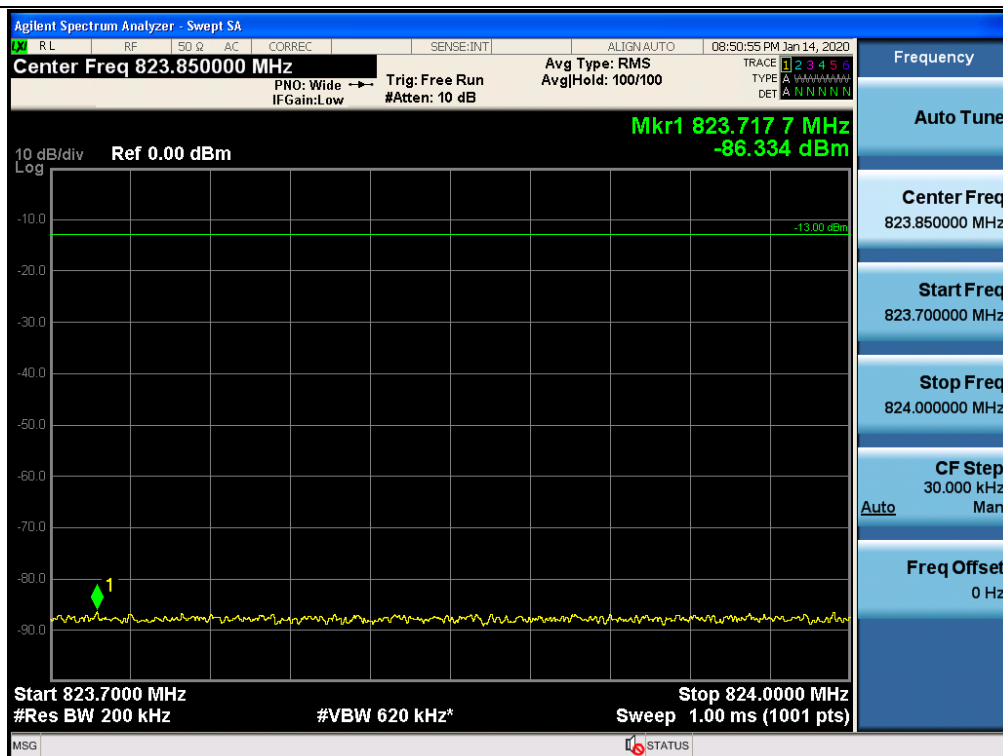
Out-of-band (single test signals) / Cellular / Uplink / LTE 20 MHz / Lower



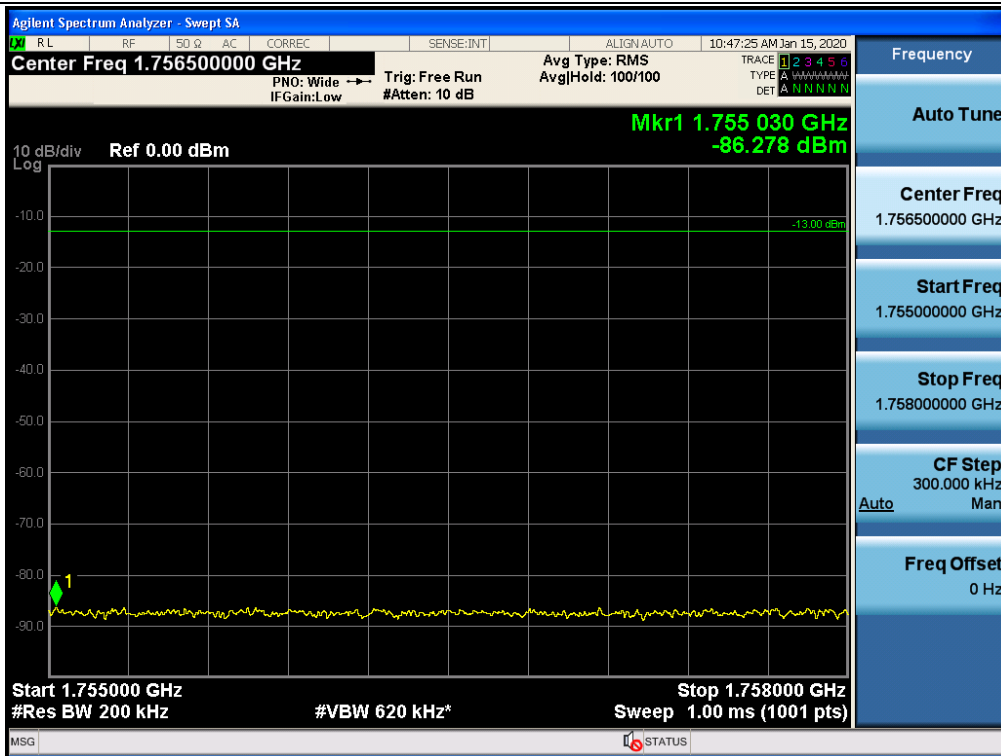
+3 dB above Out-of-band (single test signals) / Cellular / Uplink / LTE 20 MHz / Upper



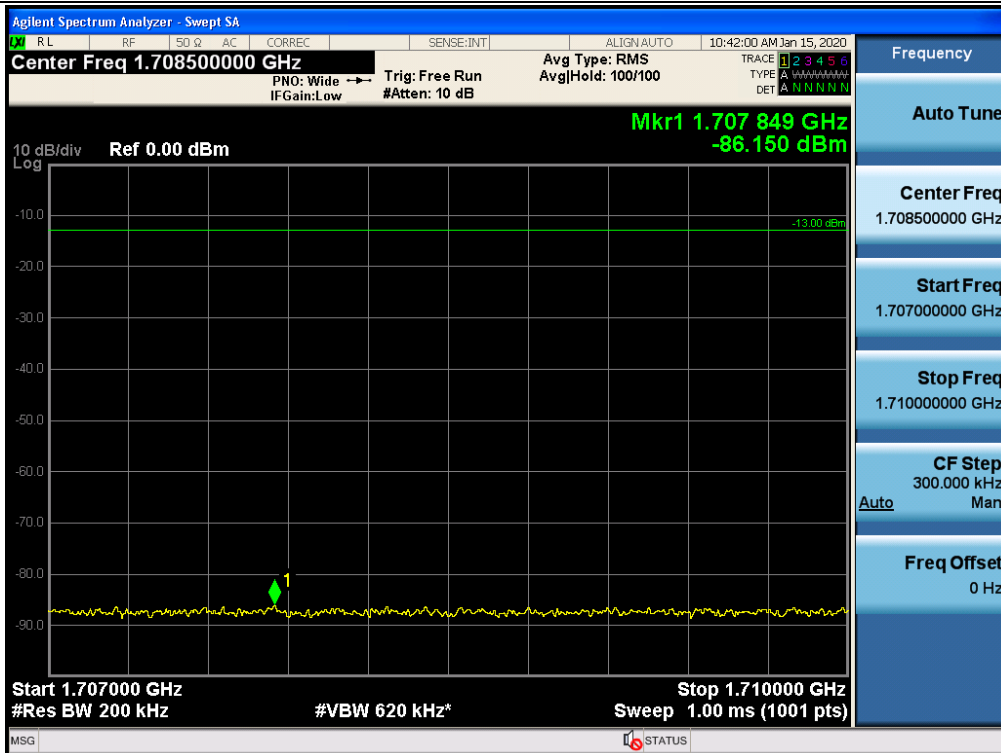
+3 dB above Out-of-band (single test signals) / Cellular / Uplink / LTE 20 MHz / Lower



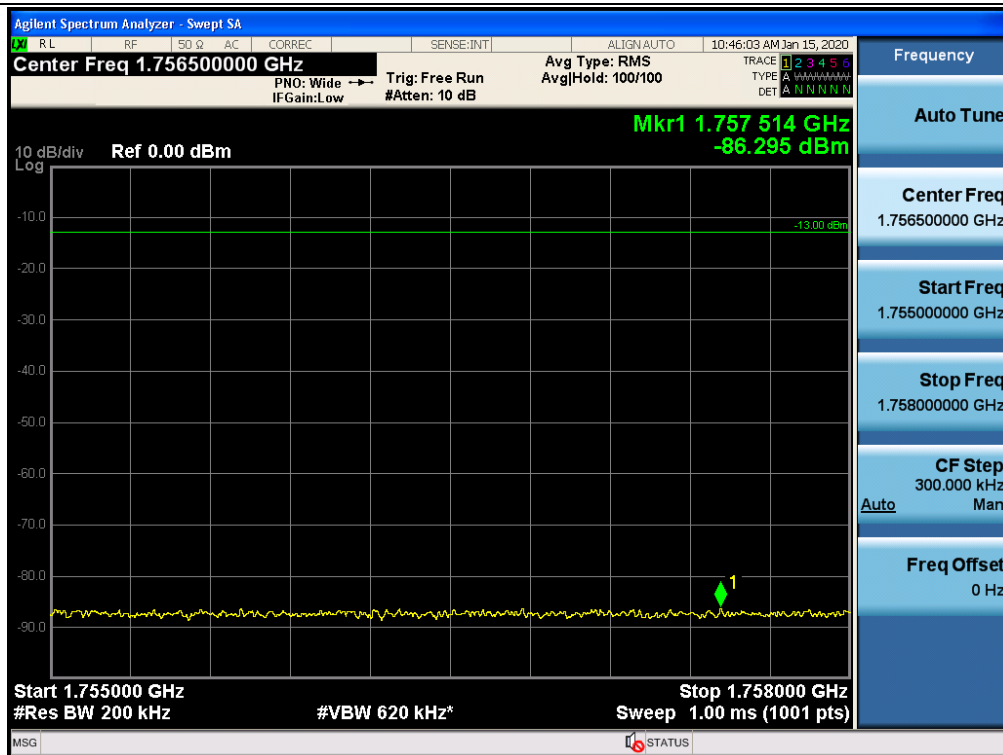
Out-of-band (single test signals) / AWS-1 / Uplink / LTE 20 MHz / Upper



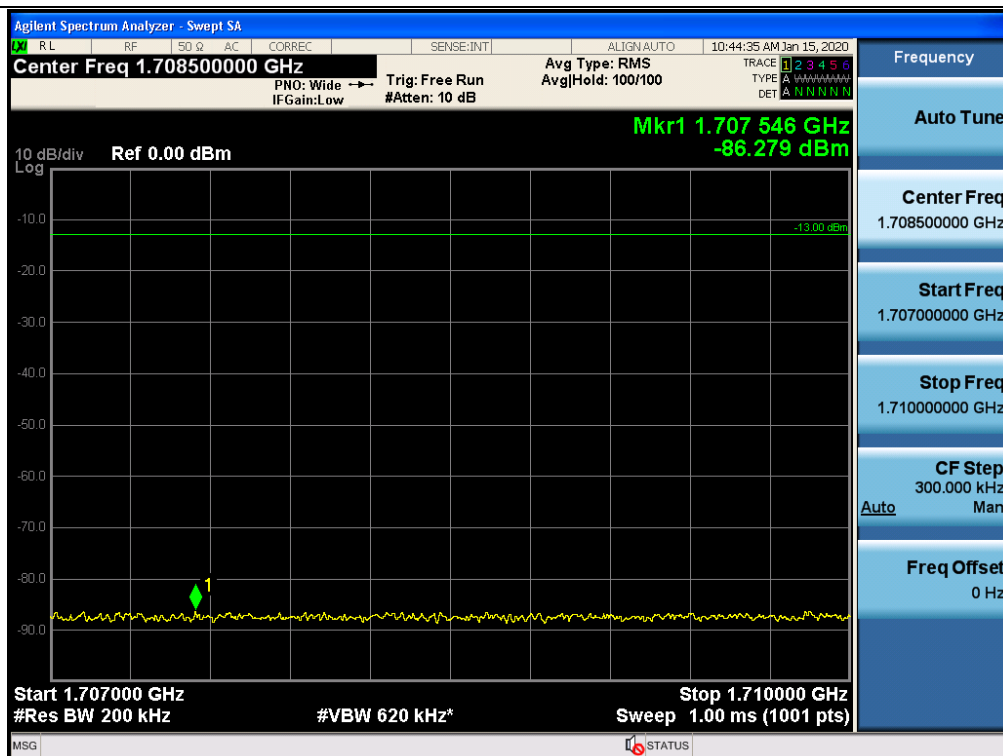
Out-of-band (single test signals) / AWS-1 / Uplink / LTE 20 MHz / Lower



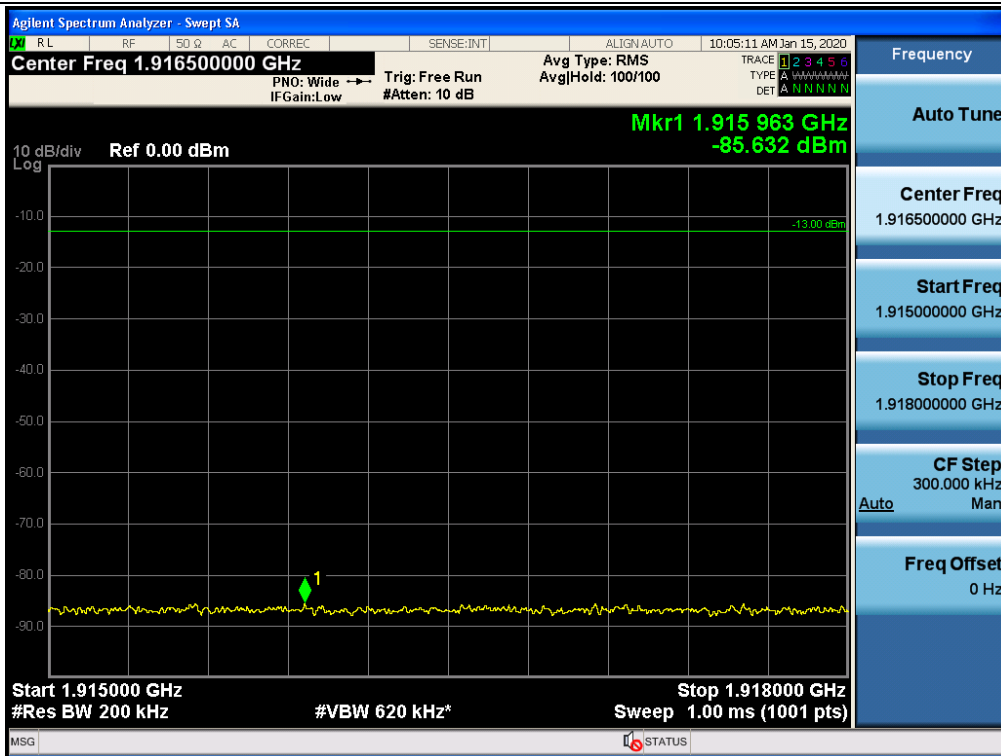
+3 dB above Out-of-band (single test signals) / AWS-1 / Uplink / LTE 20 MHz / Upper



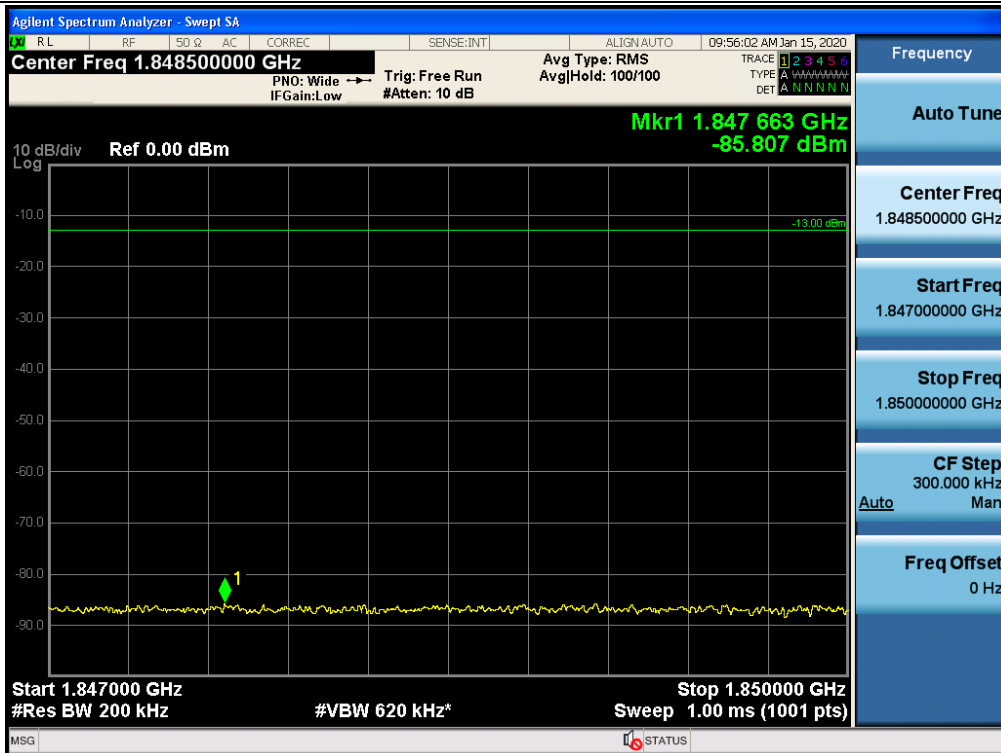
+3 dB above Out-of-band (single test signals) / AWS-1 / Uplink / LTE 20 MHz / Lower



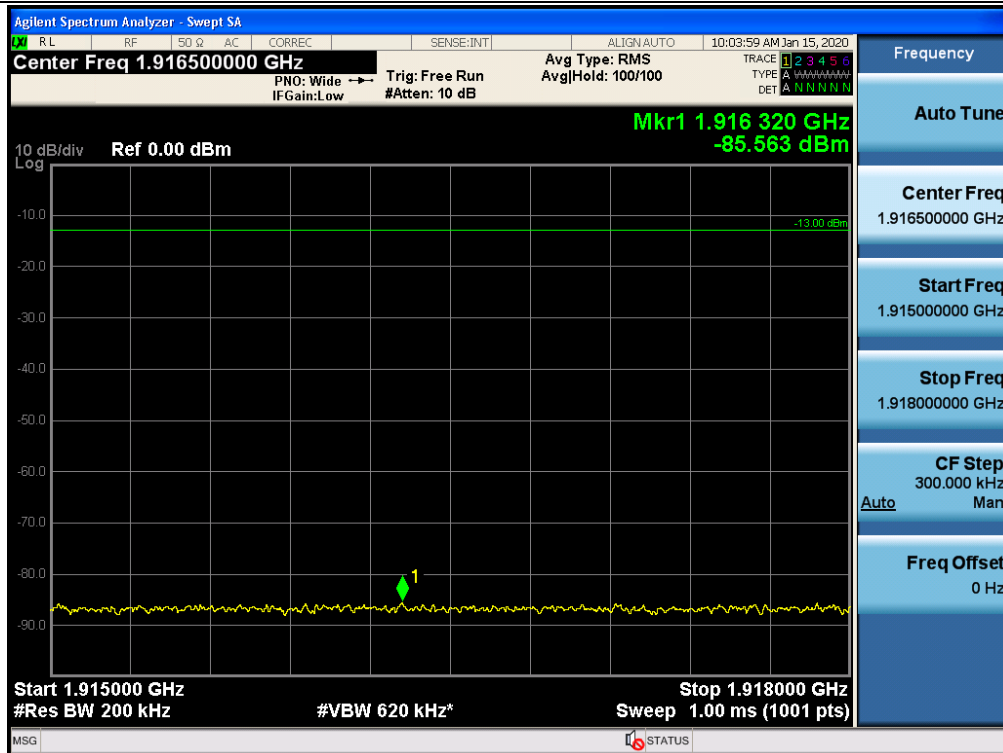
Out-of-band (single test signals) / Broadband PCS / Uplink / LTE 20 MHz / Upper



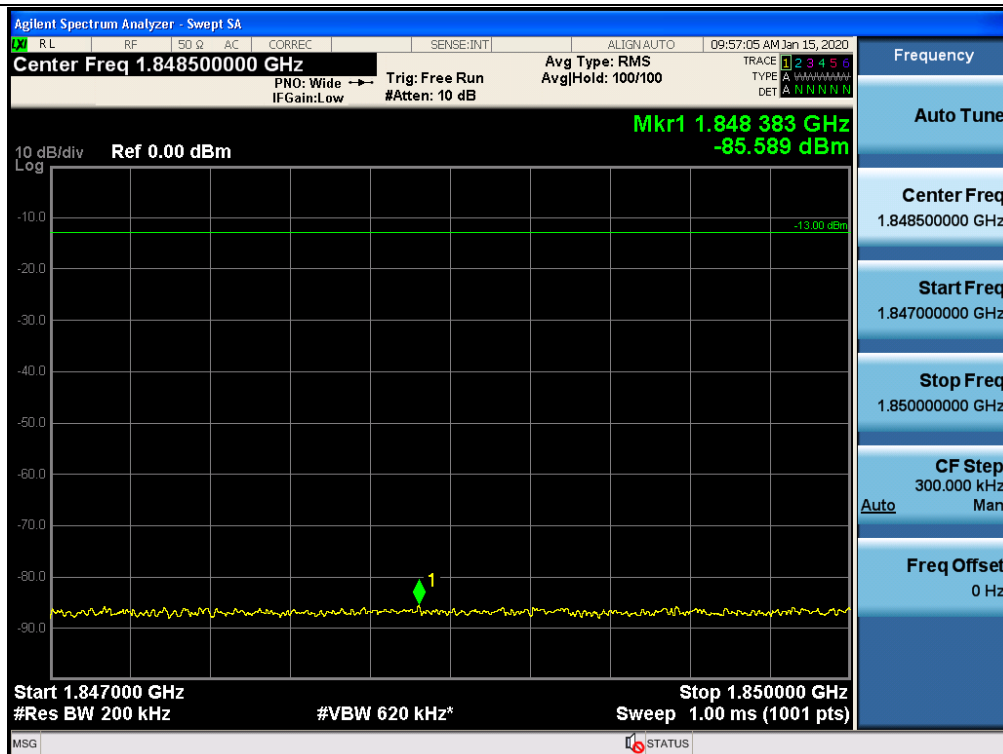
Out-of-band (single test signals) / Broadband PCS / Uplink / LTE 20 MHz / Lower



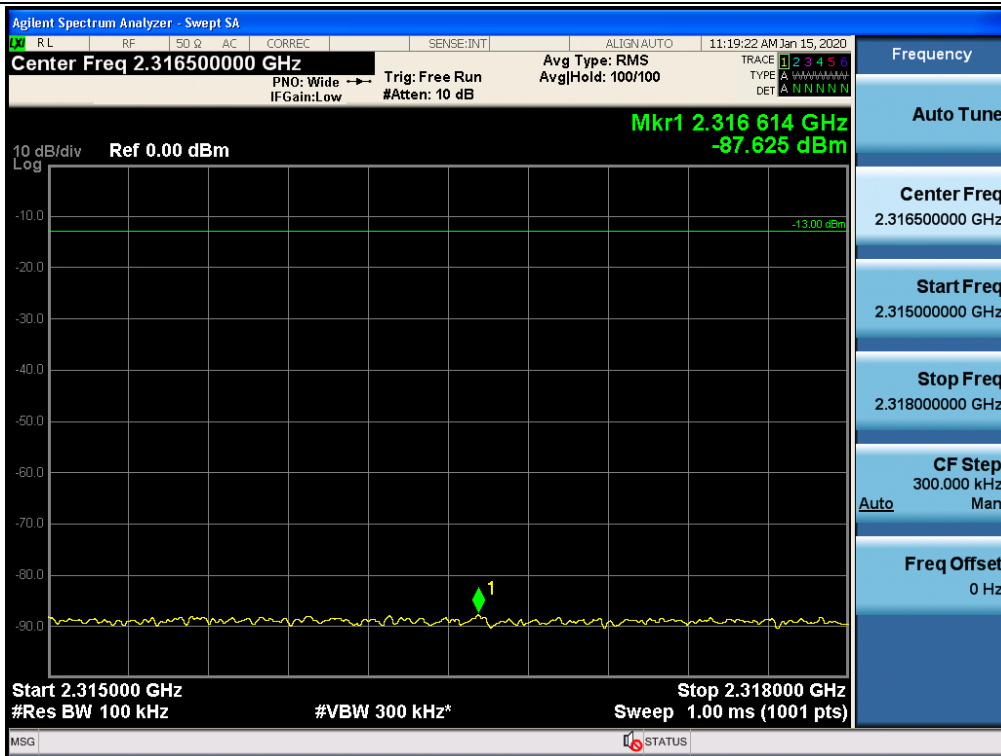
+3 dB above Out-of-band (single test signals) / Broadband PCS / Uplink / LTE 20 MHz / Upper



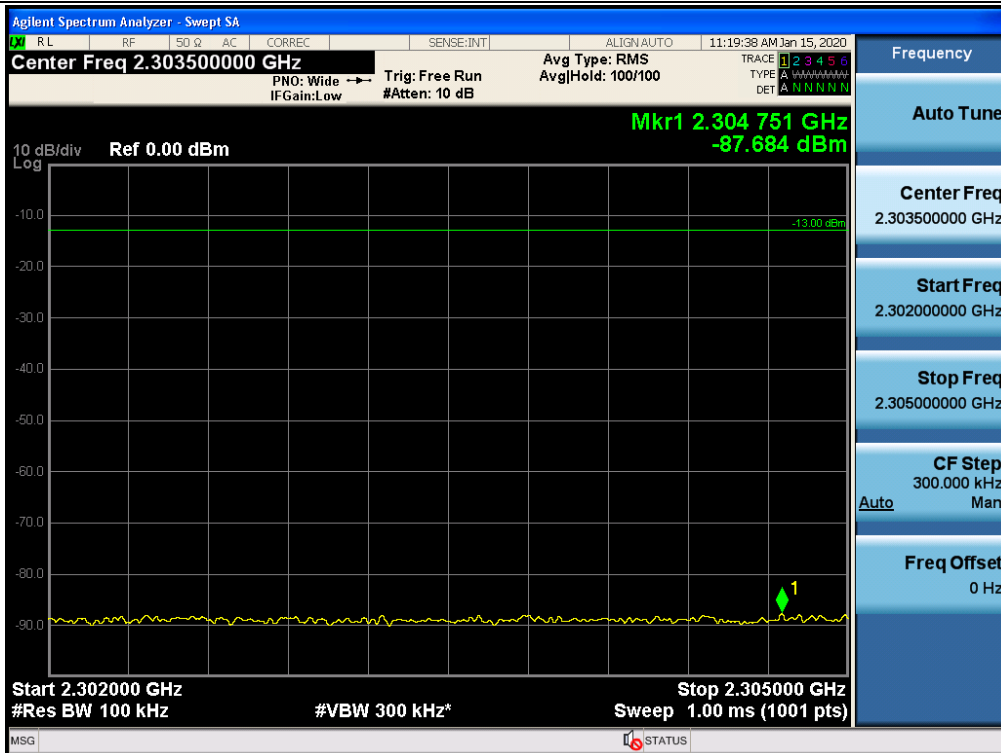
+3 dB above Out-of-band (single test signals) / Broadband PCS / Uplink / LTE 20 MHz / Lower



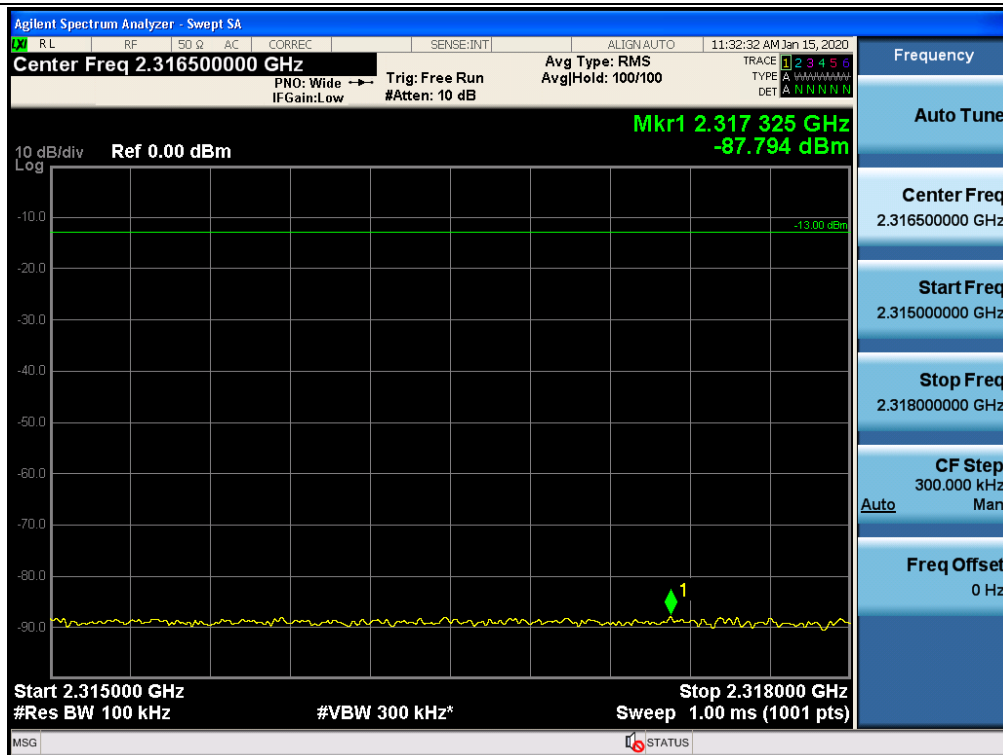
Out-of-band (single test signals) / WCS / Uplink / LTE 10 MHz / Upper



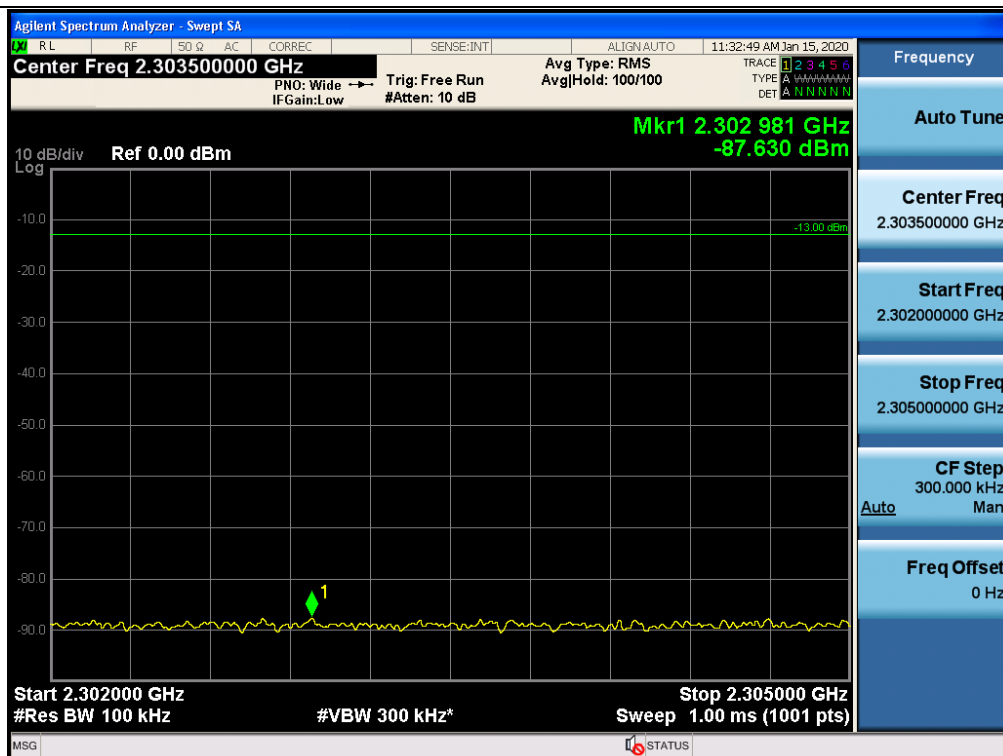
Out-of-band (single test signals) / WCS / Uplink / LTE 10 MHz / Lower



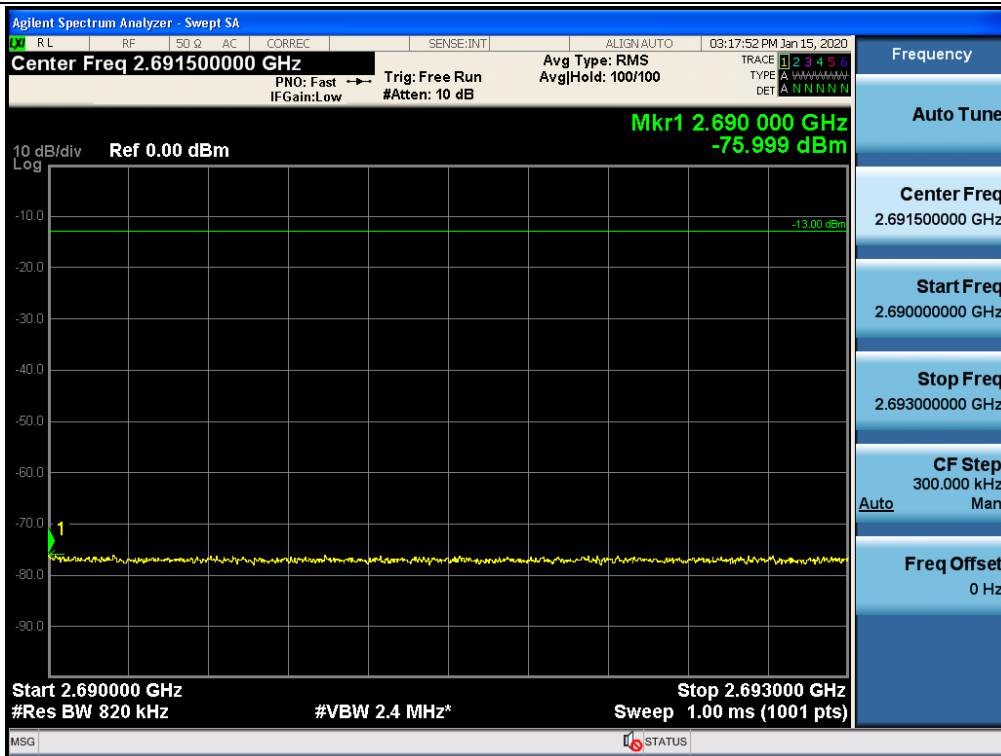
+3 dB above Out-of-band (single test signals) / WCS / Uplink / LTE 10 MHz / Upper



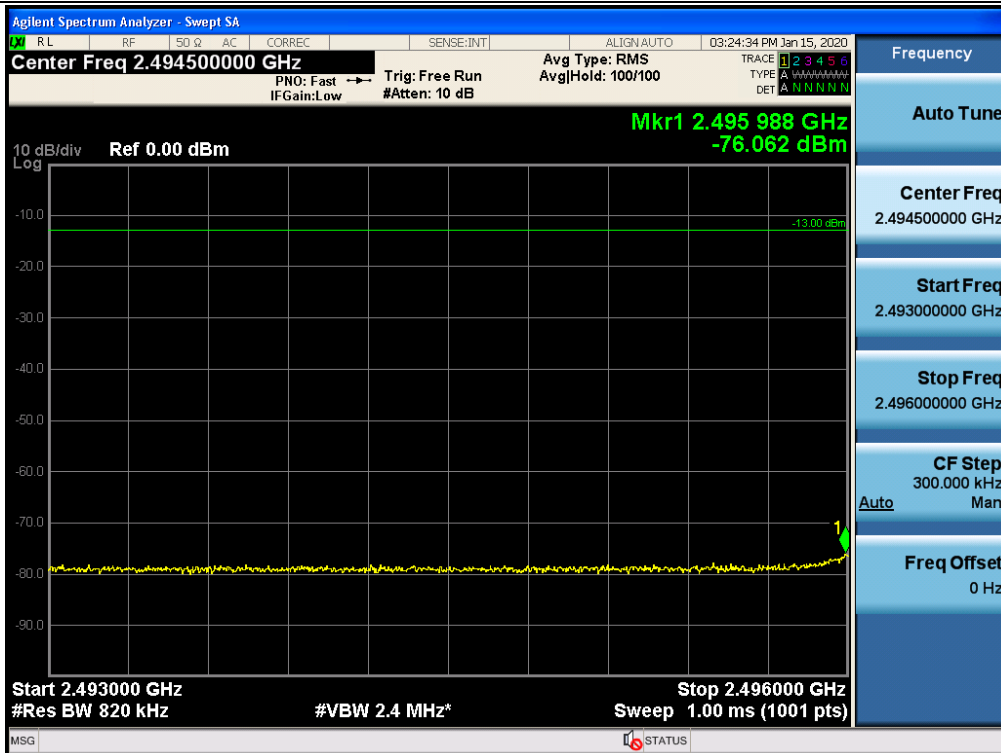
+3 dB above Out-of-band (single test signals) / WCS / Uplink / LTE 10 MHz / Lower



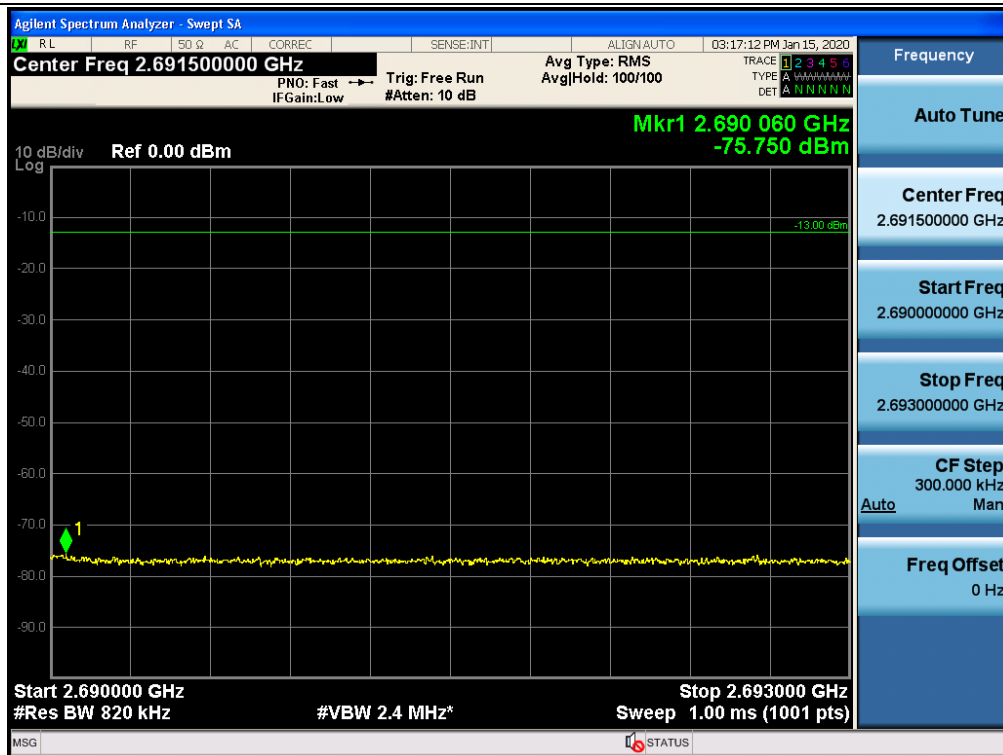
Out-of-band (single test signals) / BRS/EBS / Uplink / 5G NR 80M / Upper



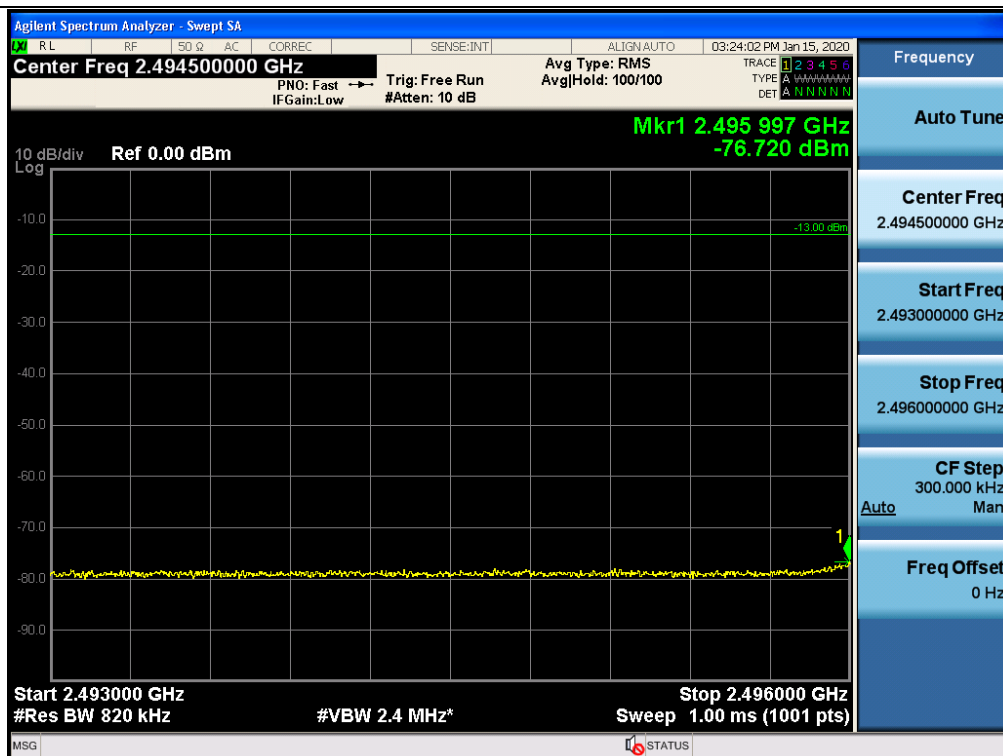
Out-of-band (single test signals) / BRS/EBS / Uplink / 5G NR 80M / Lower



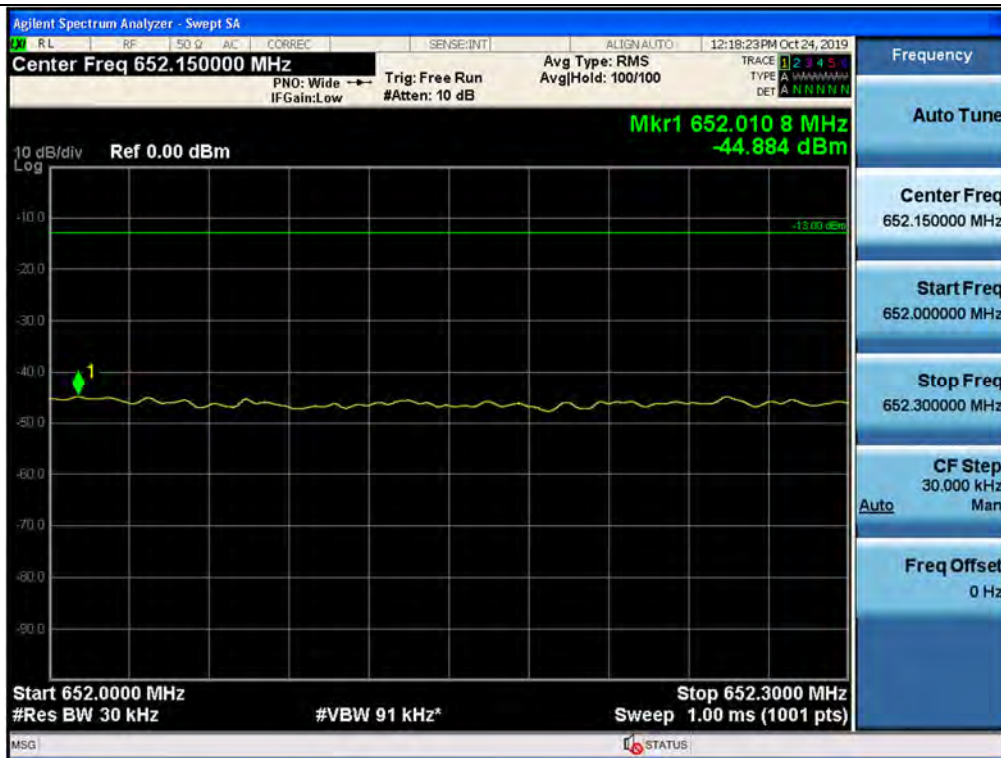
+3 dB above Out-of-band (single test signals) / BRS/EBS / Uplink / 5G NR 80M / Upper



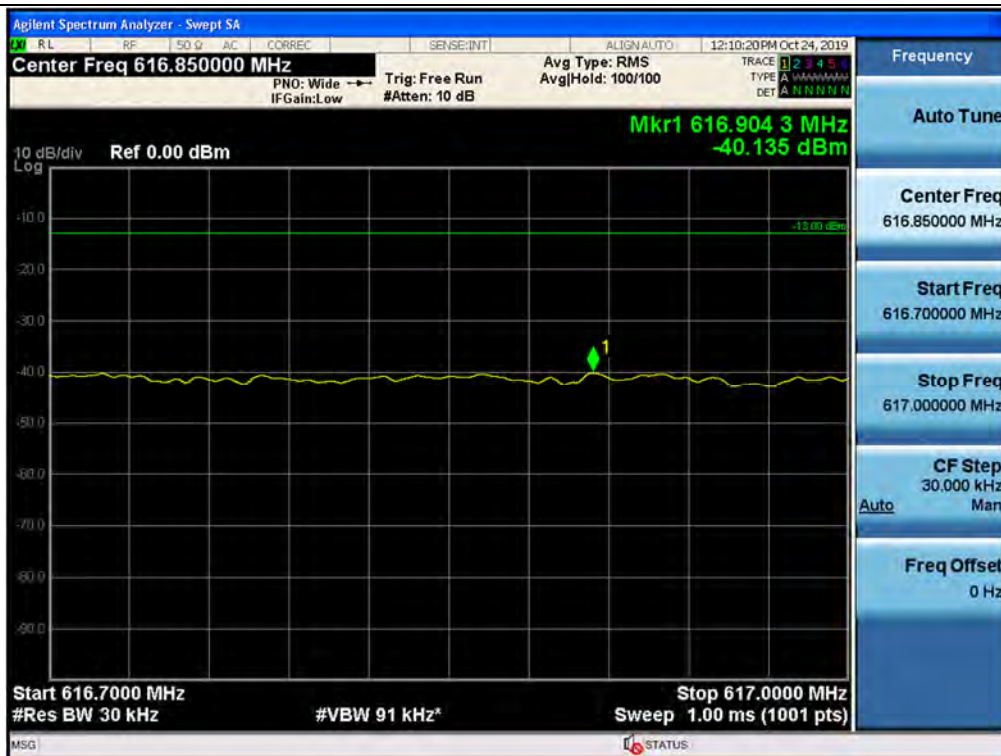
+3 dB above Out-of-band (single test signals) / BRS/EBS / Uplink / 5G NR 80M / Lower



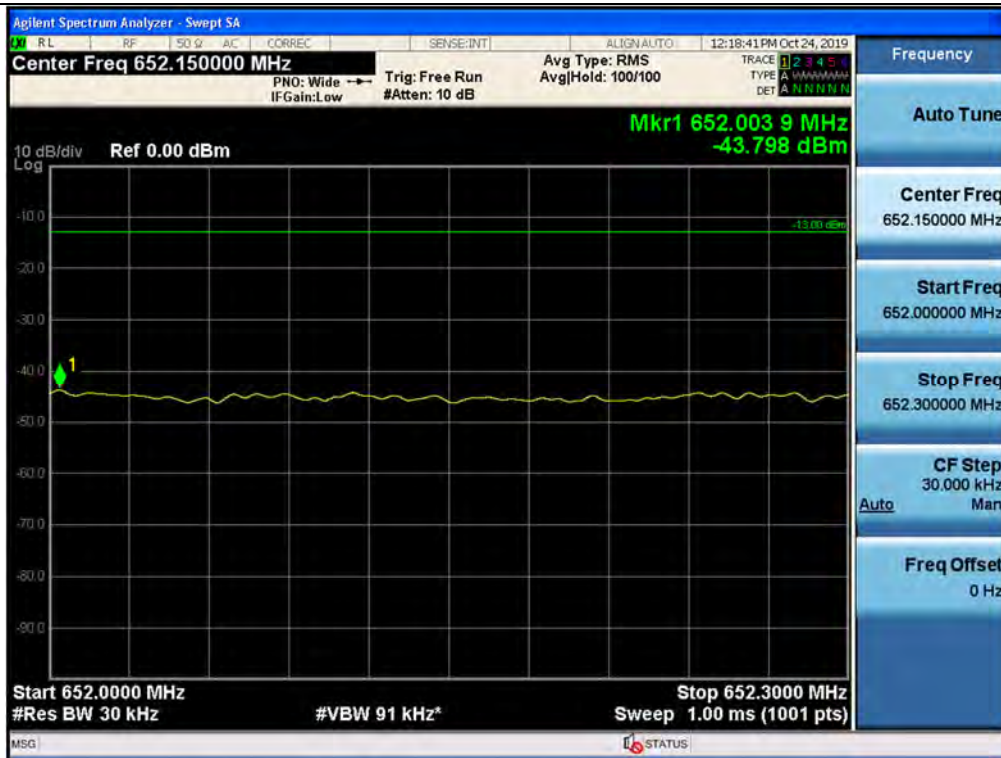
Out-of-band (single test signals) / 600 MHz / Downlink / LTE 20 MHz / Upper



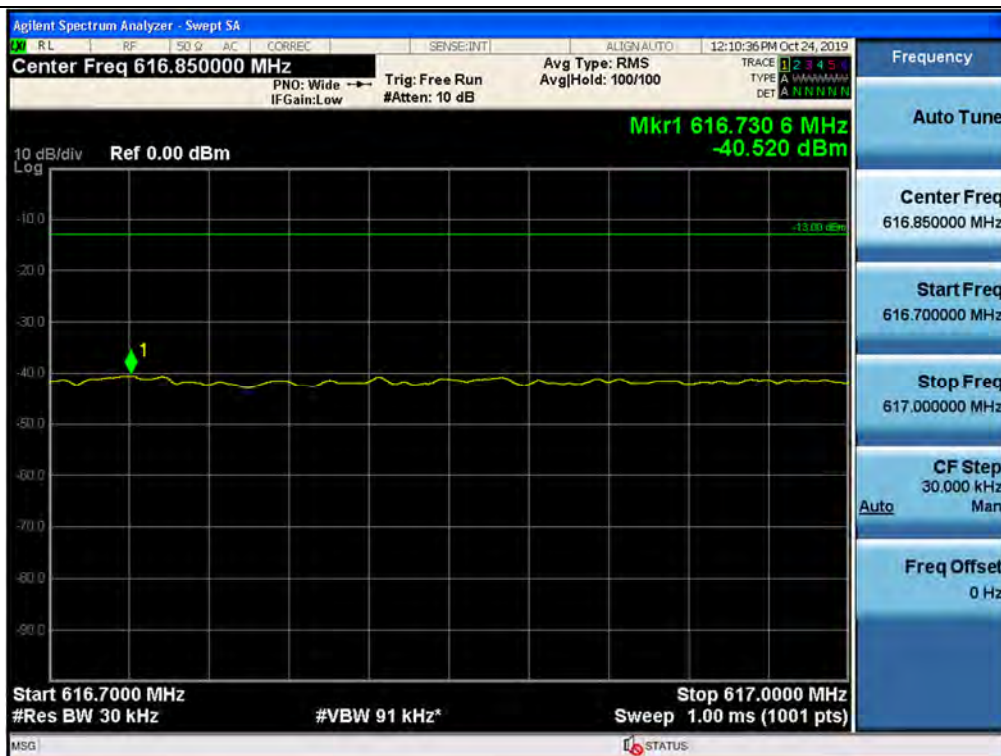
Out-of-band (single test signals) / 600 MHz / Downlink / LTE 20 MHz / Lower



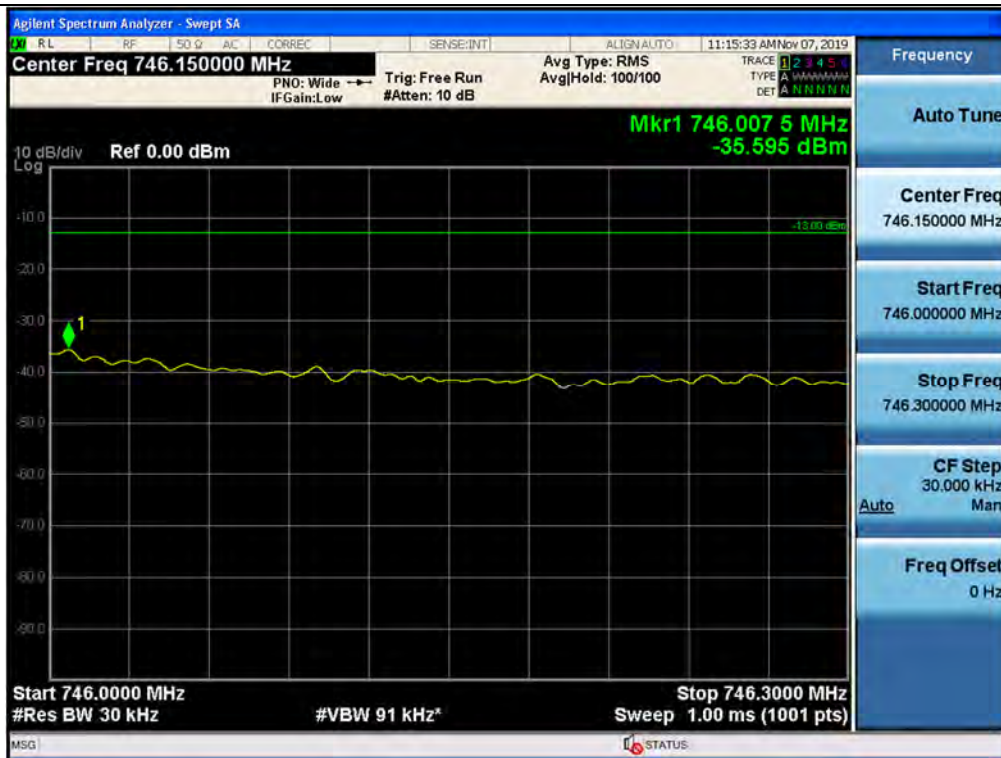
+3 dB above Out-of-band (single test signals) / 600 MHz / Downlink / LTE 20 MHz / Upper



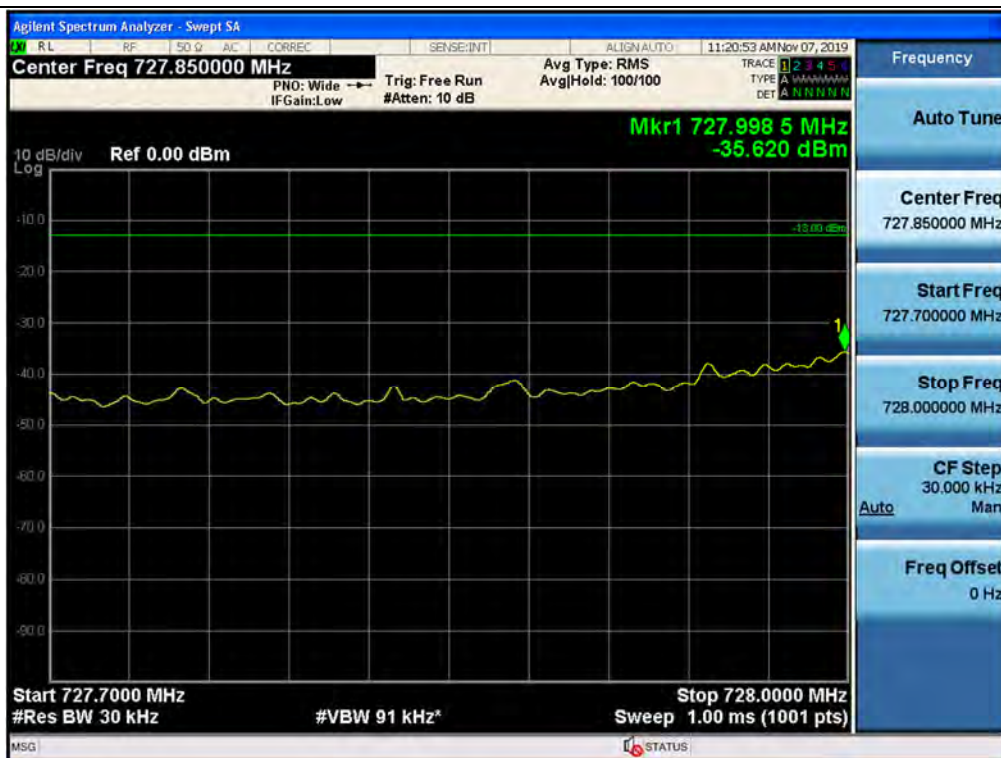
+3 dB above Out-of-band (single test signals) / 600 MHz / Downlink / LTE 20 MHz / Lower



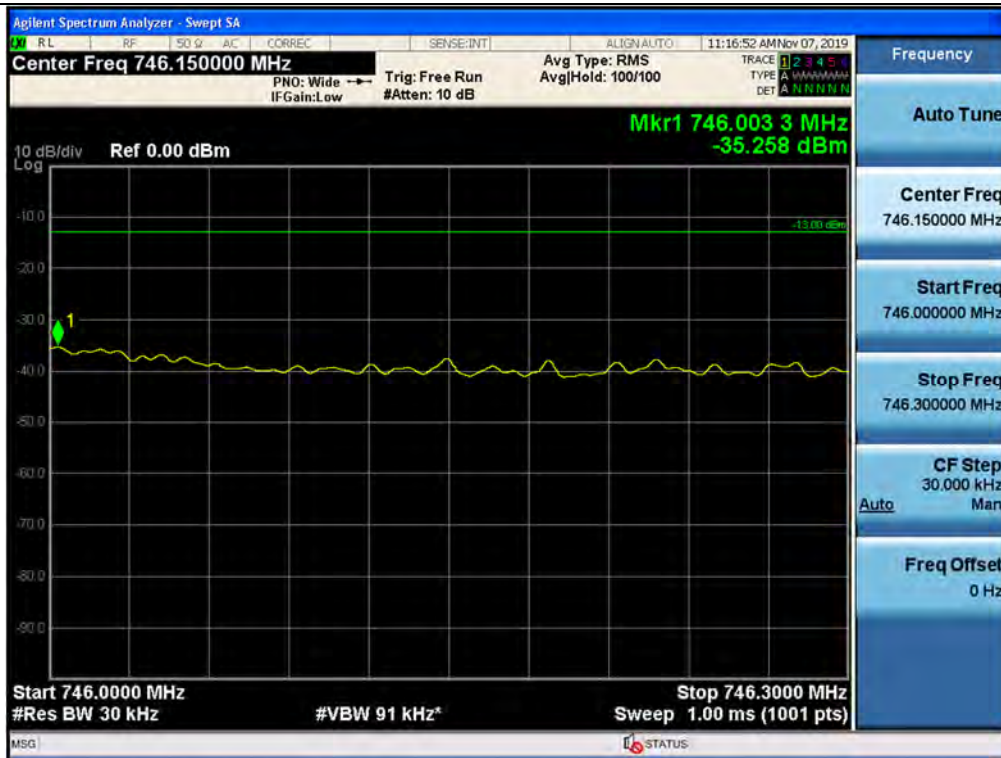
Out-of-band (single test signals) / Lower 700 MHz / Downlink / LTE 10 MHz / Upper



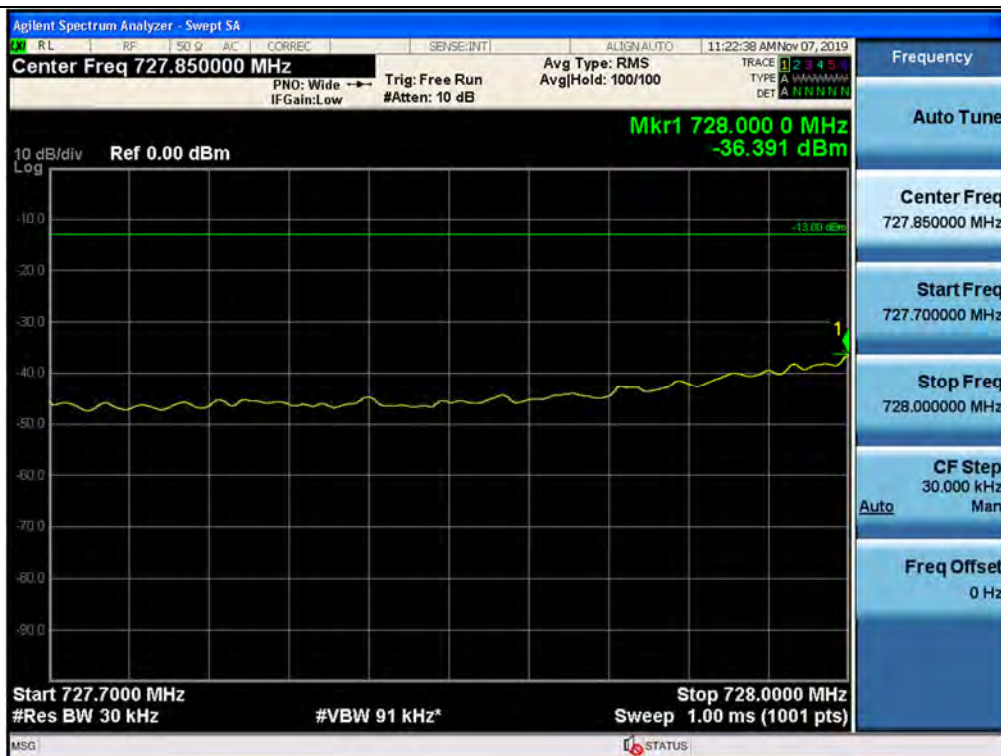
Out-of-band (single test signals) / Lower 700 MHz / Downlink / LTE 10 MHz / Lower



+3 dB above Out-of-band (single test signals) / Lower 700 MHz / Downlink / LTE 10 MHz / Upper



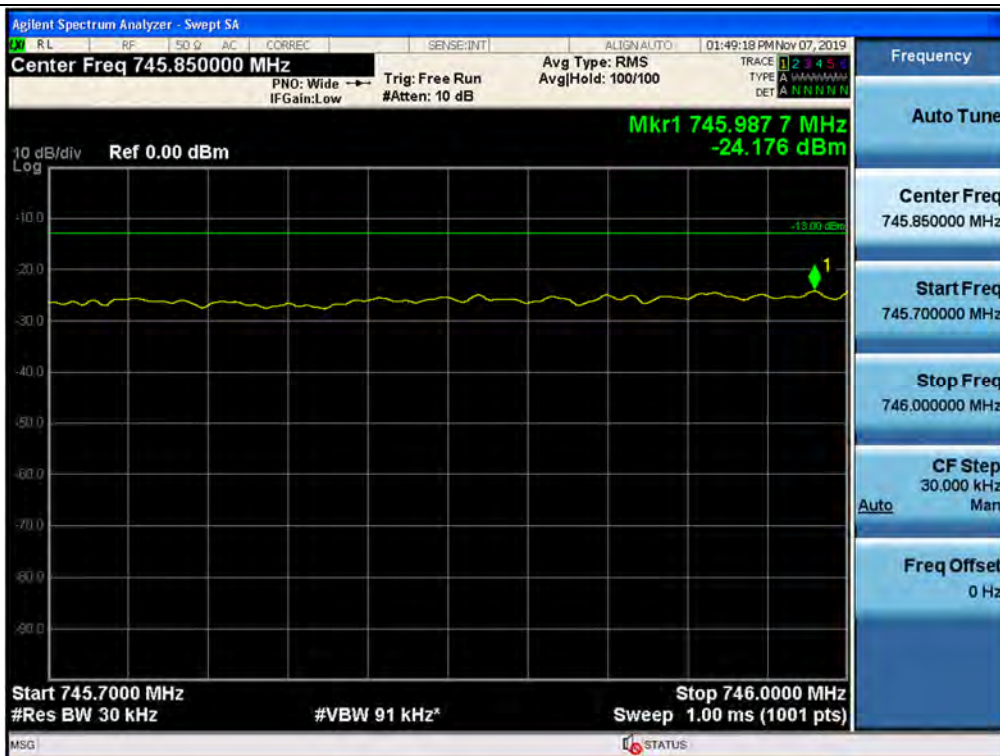
+3 dB above Out-of-band (single test signals) / Lower 700 MHz / Downlink / LTE 10 MHz / Lower



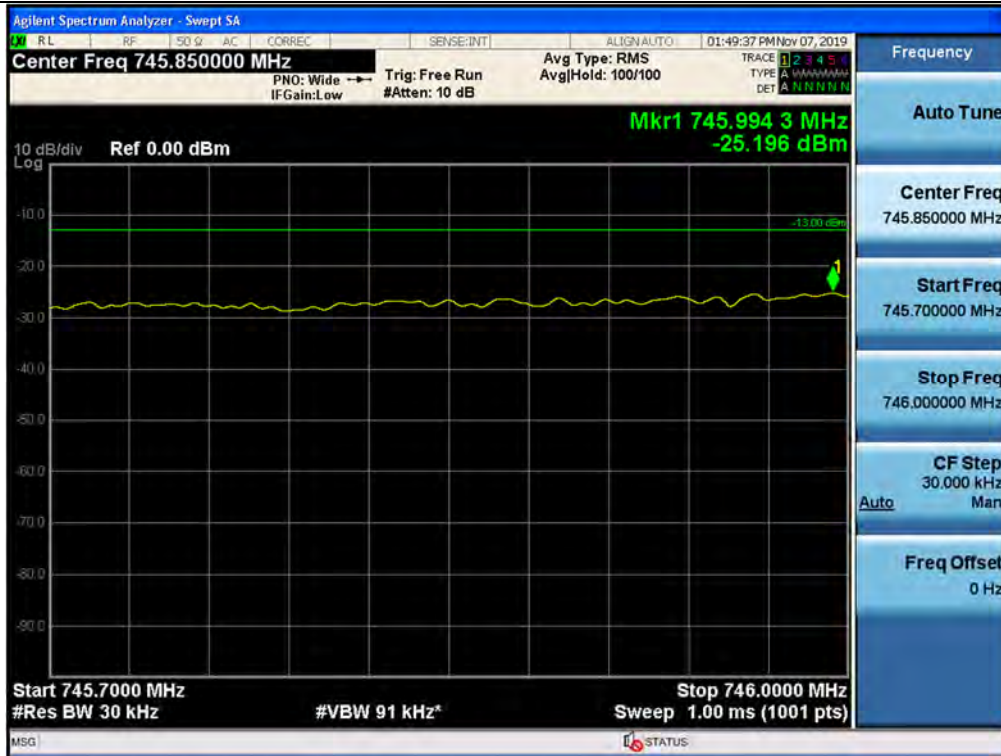
Out-of-band (single test signals) / Upper 700 MHz / Downlink / LTE 10 MHz / Upper



Out-of-band (single test signals) / Upper 700 MHz / Downlink / LTE 10 MHz / Lower



+3 dB above Out-of-band (single test signals) / Upper 700 MHz / Downlink / LTE 10 MHz / Upper



+3 dB above Out-of-band (single test signals) / Upper 700 MHz / Downlink / LTE 10 MHz / Lower



Out-of-band (single test signals) / ESMR / Downlink / LTE 5 MHz / Upper



Out-of-band (single test signals) / ESMR / Downlink / LTE 5 MHz / Lower



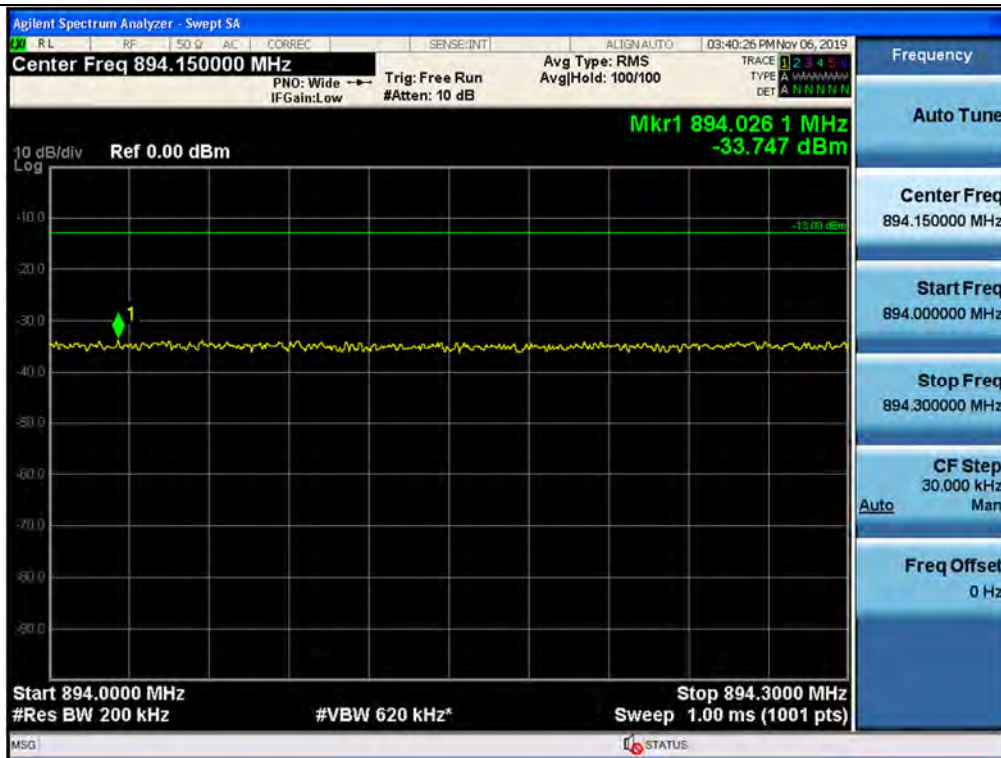
+3 dB above Out-of-band (single test signals) / ESMR / Downlink / LTE 5 MHz / Upper



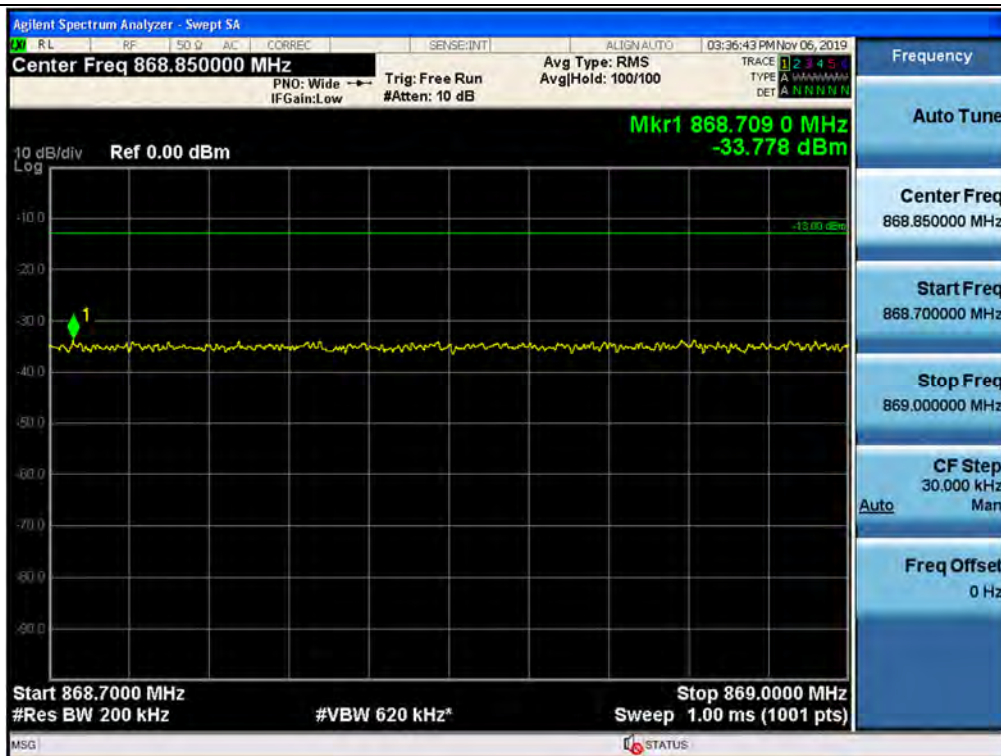
+3 dB above Out-of-band (single test signals) / ESMR / Downlink / LTE 5 MHz / Lower



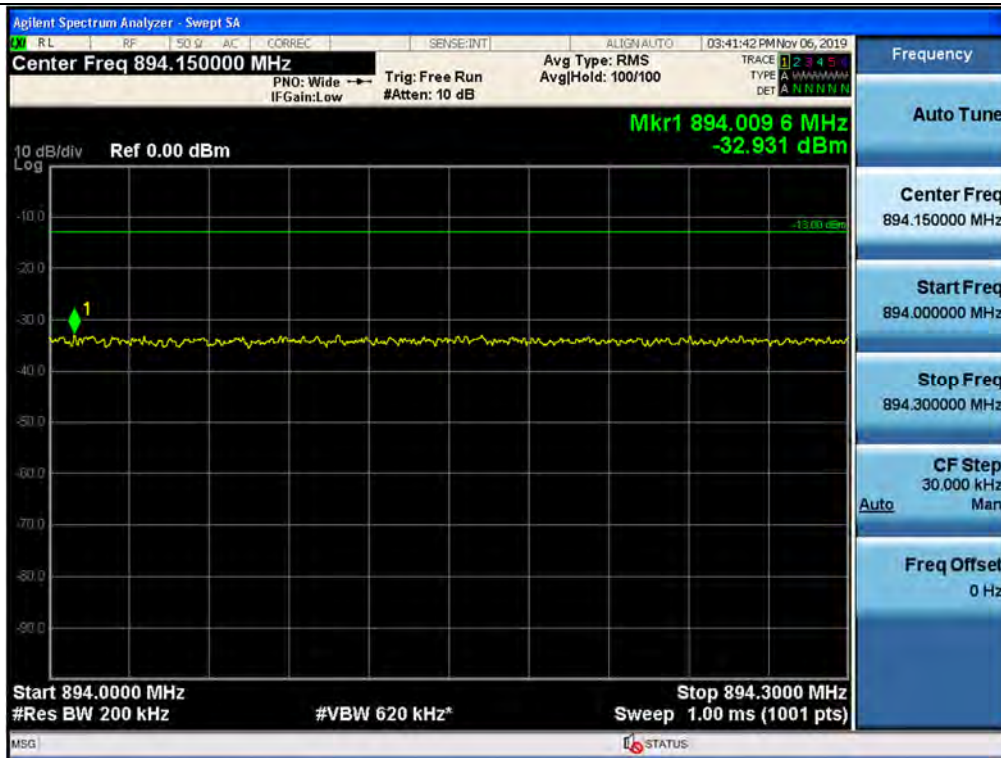
Out-of-band (single test signals) / Cellular / Downlink / LTE 20 MHz / Upper



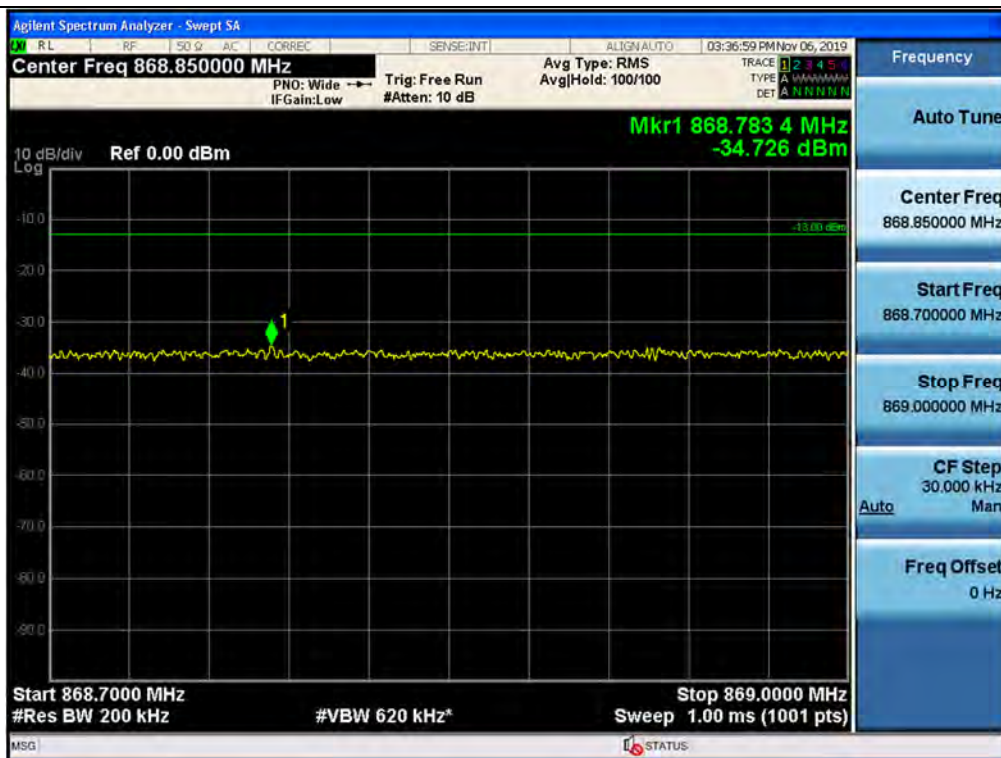
Out-of-band (single test signals) / Cellular / Downlink / LTE 20 MHz / Lower



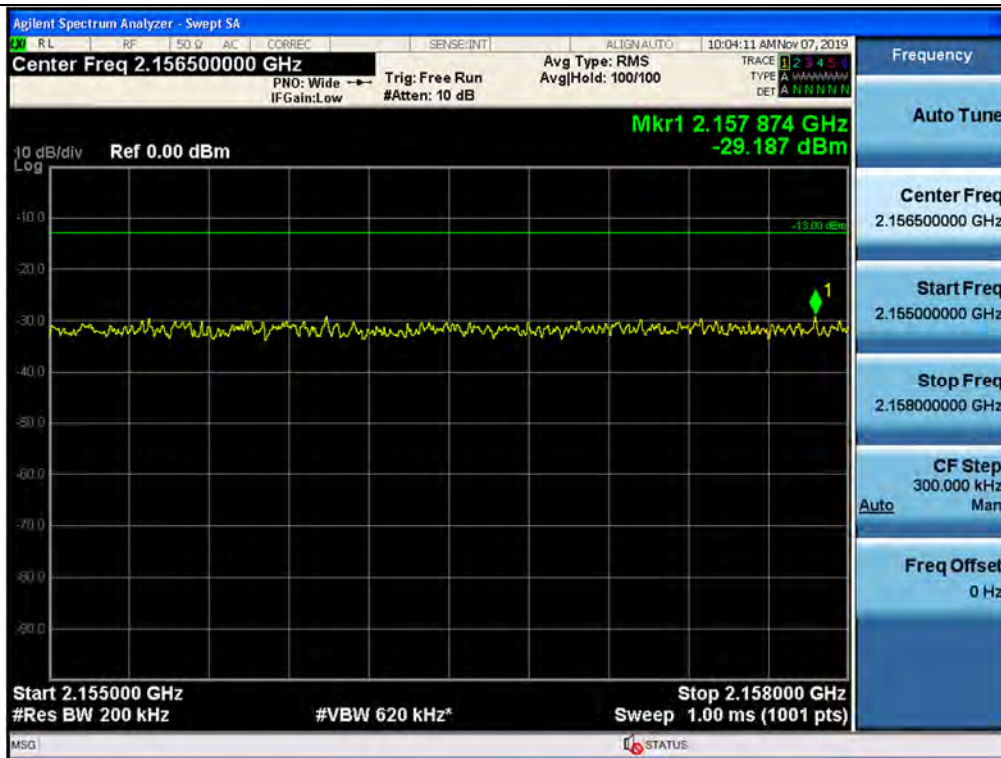
+3 dB above Out-of-band (single test signals) / Cellular / Downlink / LTE 20 MHz / Upper



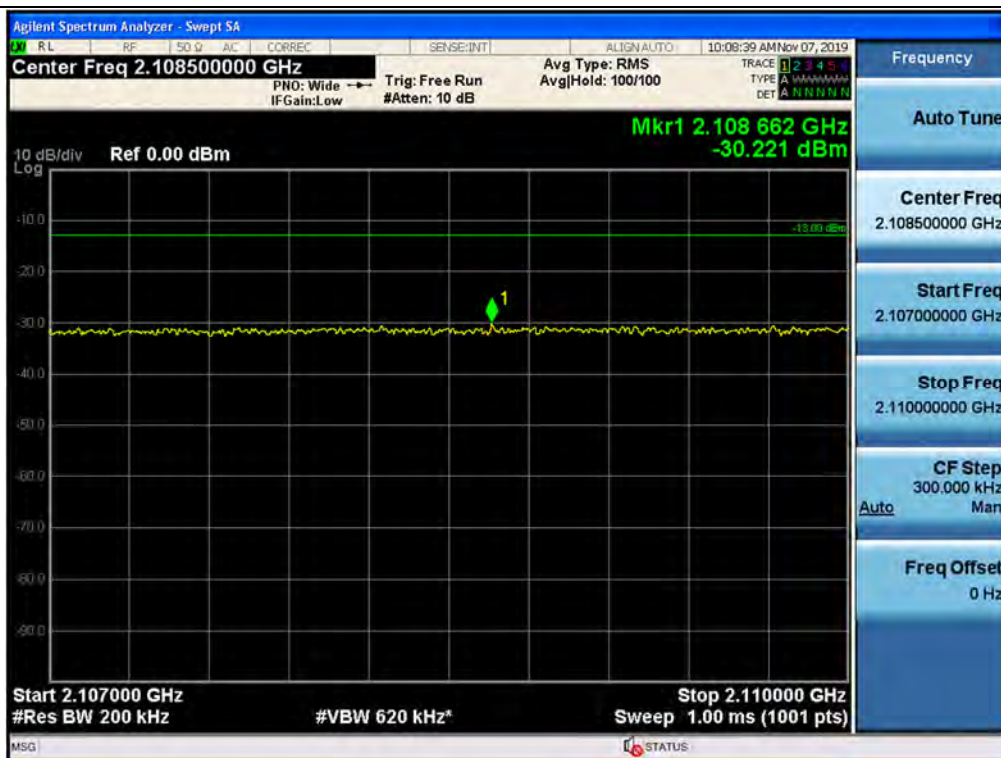
+3 dB above Out-of-band (single test signals) / Cellular / Downlink / LTE 20 MHz / Lower



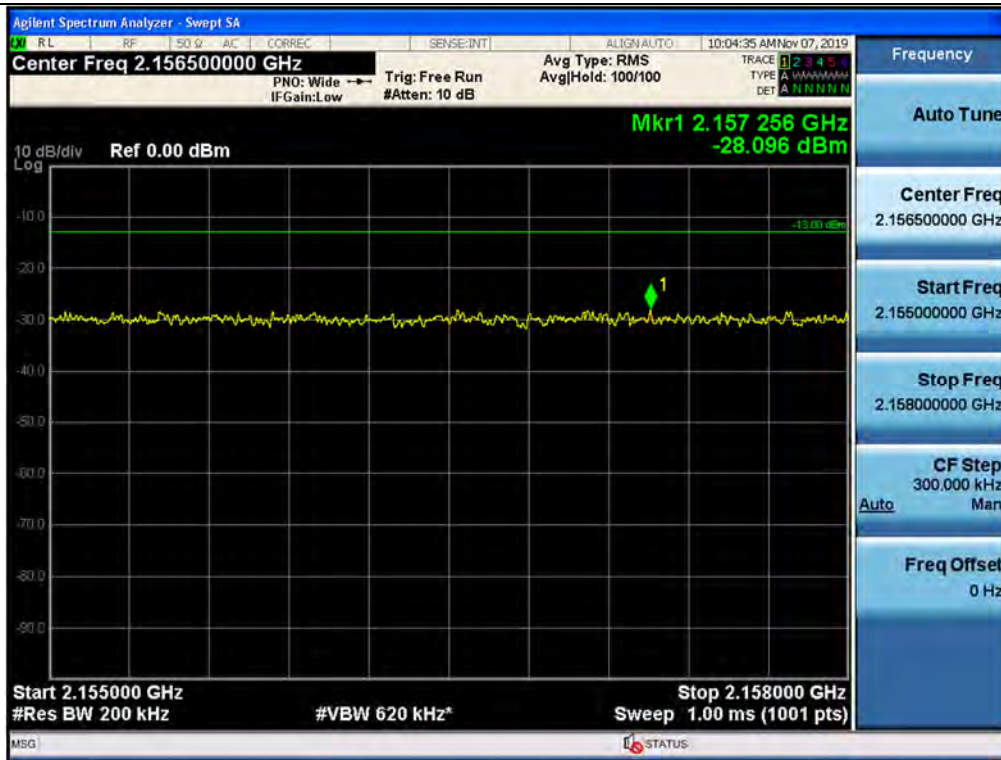
Out-of-band (single test signals) / AWS-1 / Downlink / LTE 20 MHz / Upper



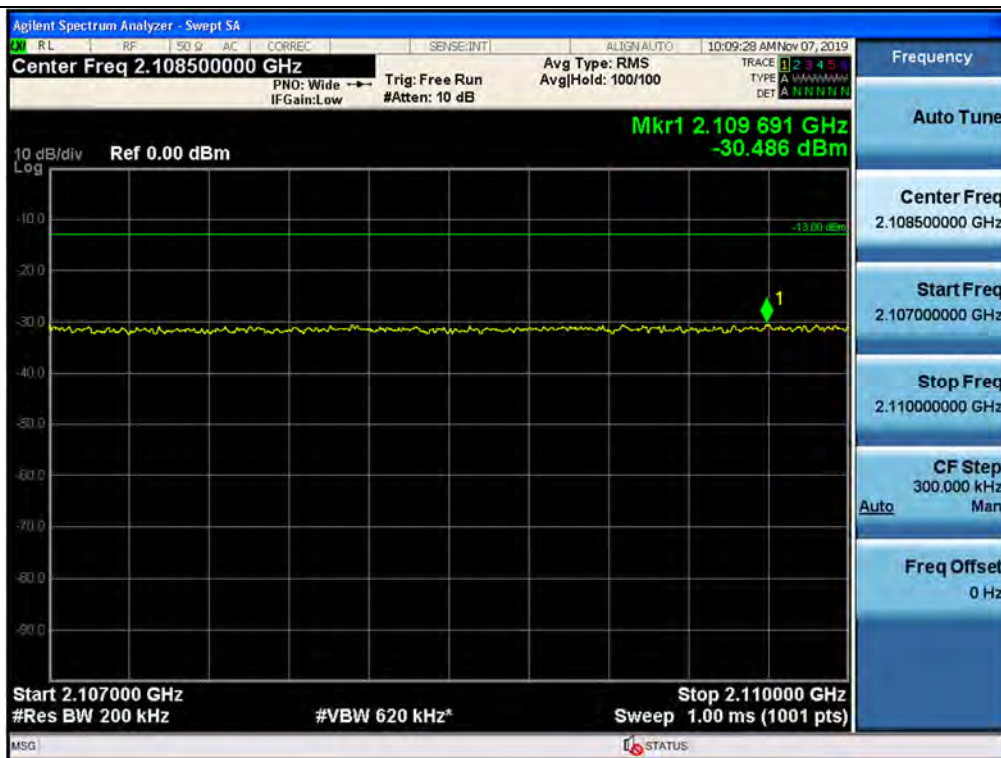
Out-of-band (single test signals) / AWS-1 / Downlink / LTE 20 MHz / Lower



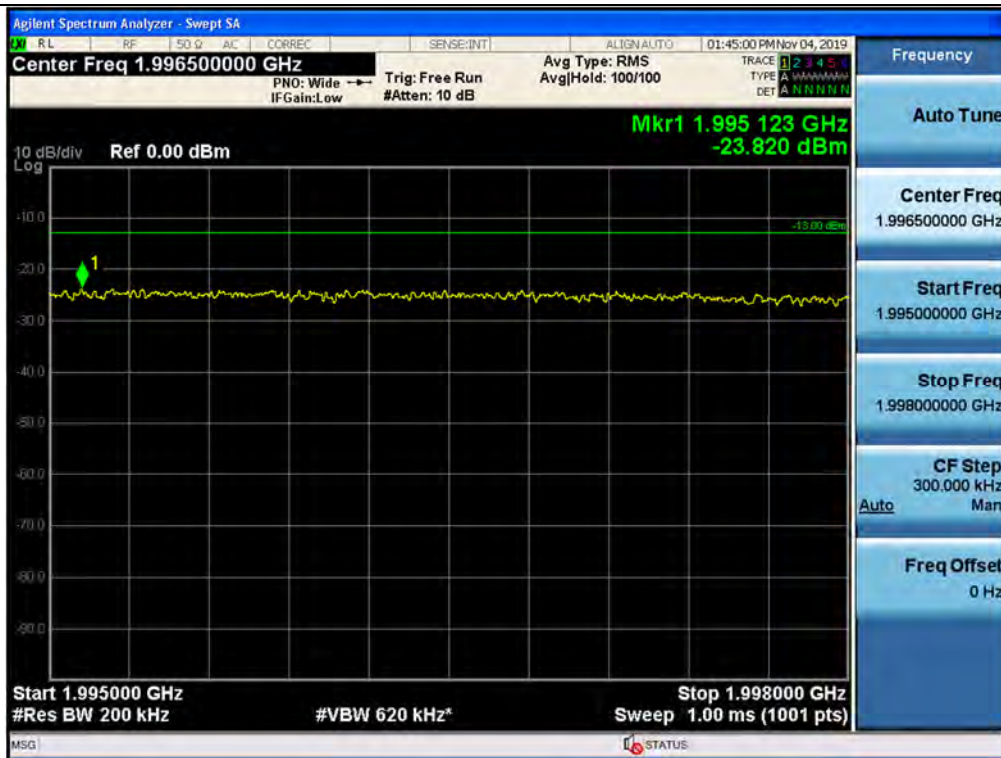
+3 dB above Out-of-band (single test signals) / AWS-1 / Downlink / LTE 20 MHz / Upper



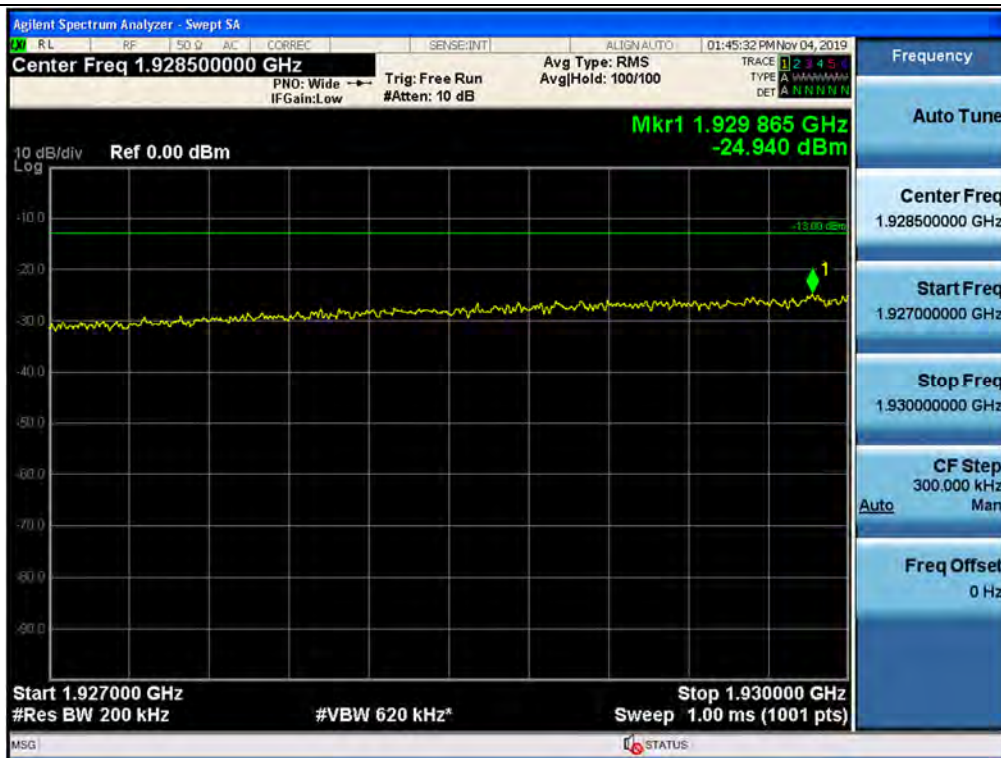
+3 dB above Out-of-band (single test signals) / AWS-1 / Downlink / LTE 20 MHz / Lower



Out-of-band (single test signals) / Broadband PCS / Downlink / LTE 20 MHz / Upper



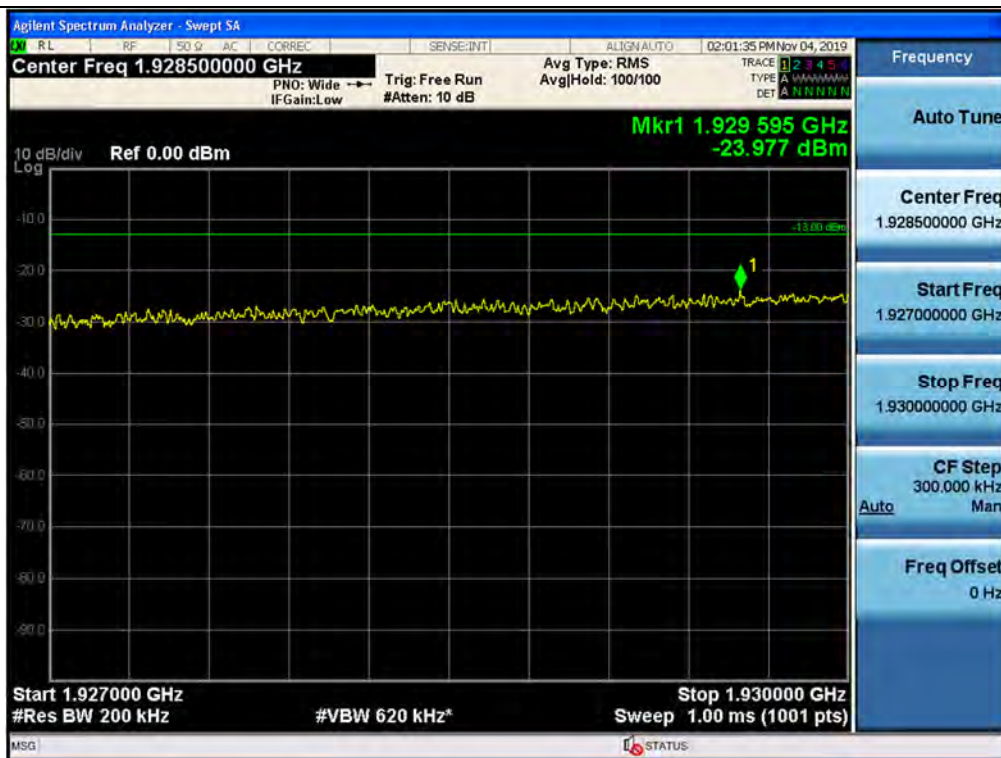
Out-of-band (single test signals) / Broadband PCS / Downlink / LTE 20 MHz / Lower



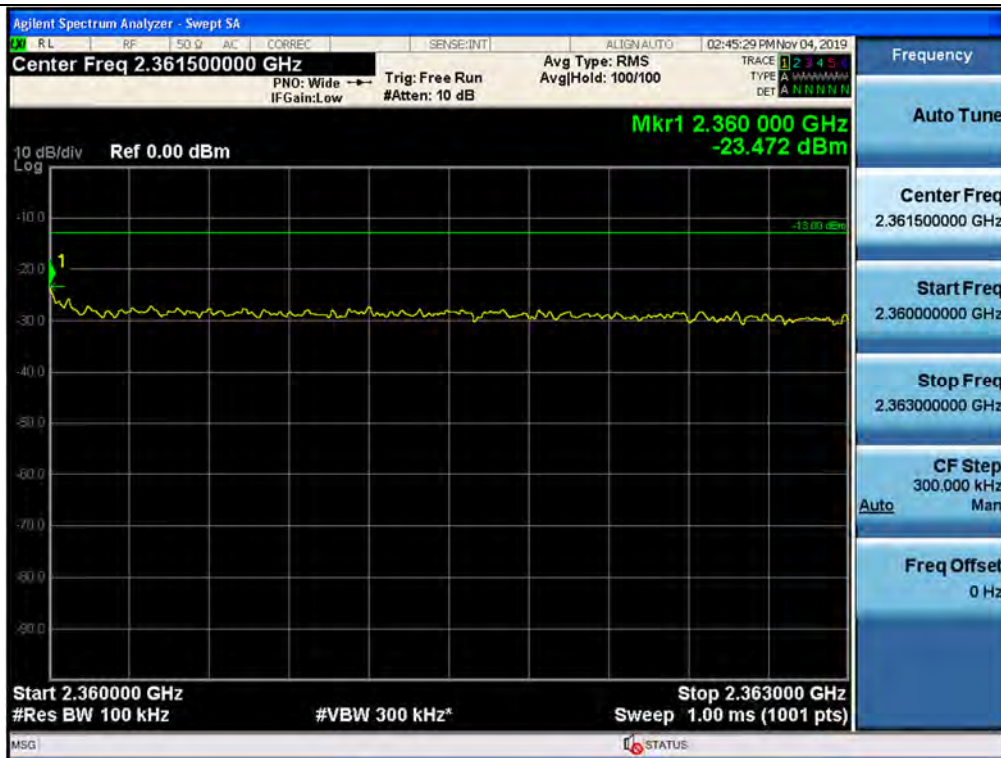
+3 dB above Out-of-band (single test signals) / Broadband PCS / Downlink / LTE 20 MHz / Upper



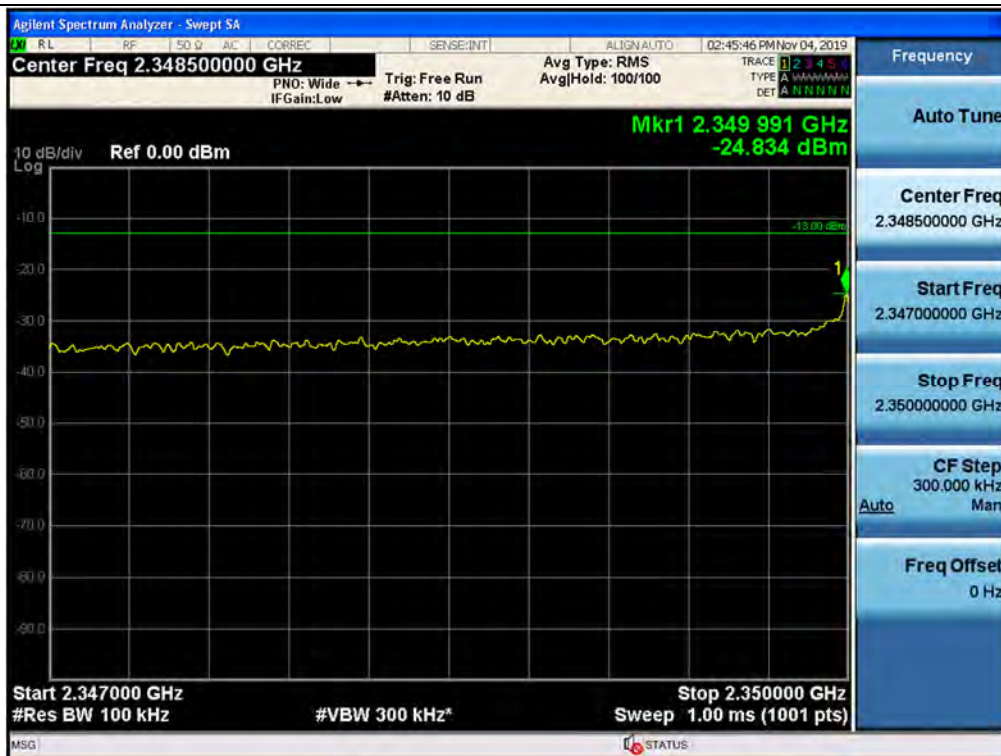
+3 dB above Out-of-band (single test signals) / Broadband PCS / Downlink / LTE 20 MHz / Lower



Out-of-band (single test signals) / WCS / Downlink / LTE 10 MHz / Upper



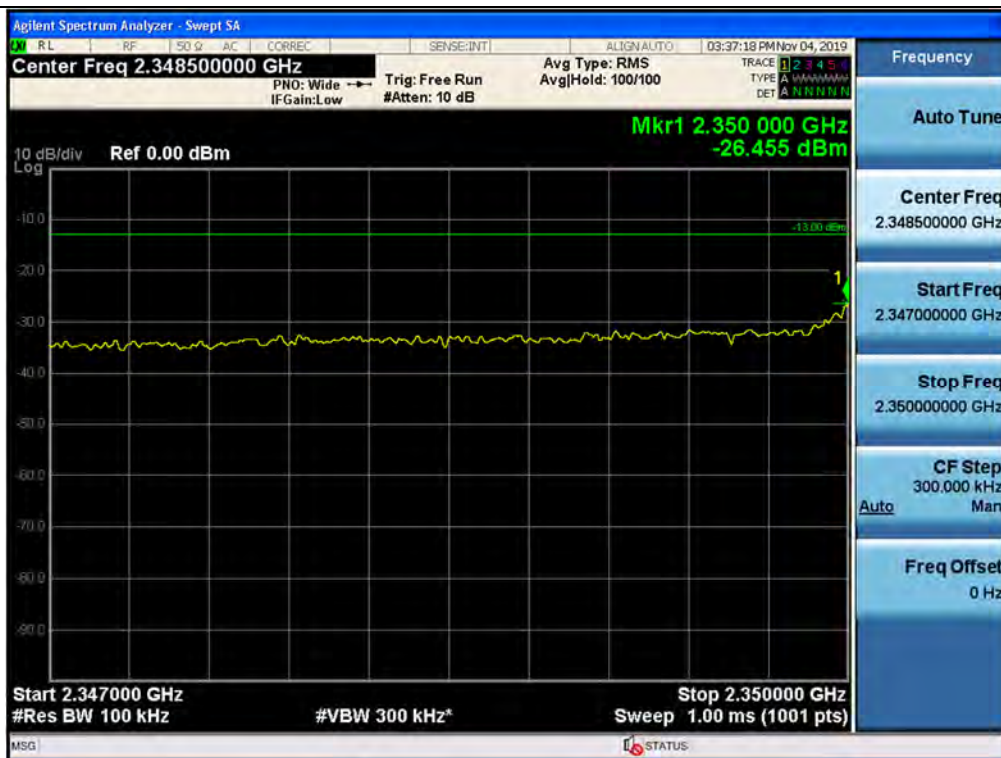
Out-of-band (single test signals) / WCS / Downlink / LTE 10 MHz / Lower



+3 dB above Out-of-band (single test signals) / WCS / Downlink / LTE 10 MHz / Upper



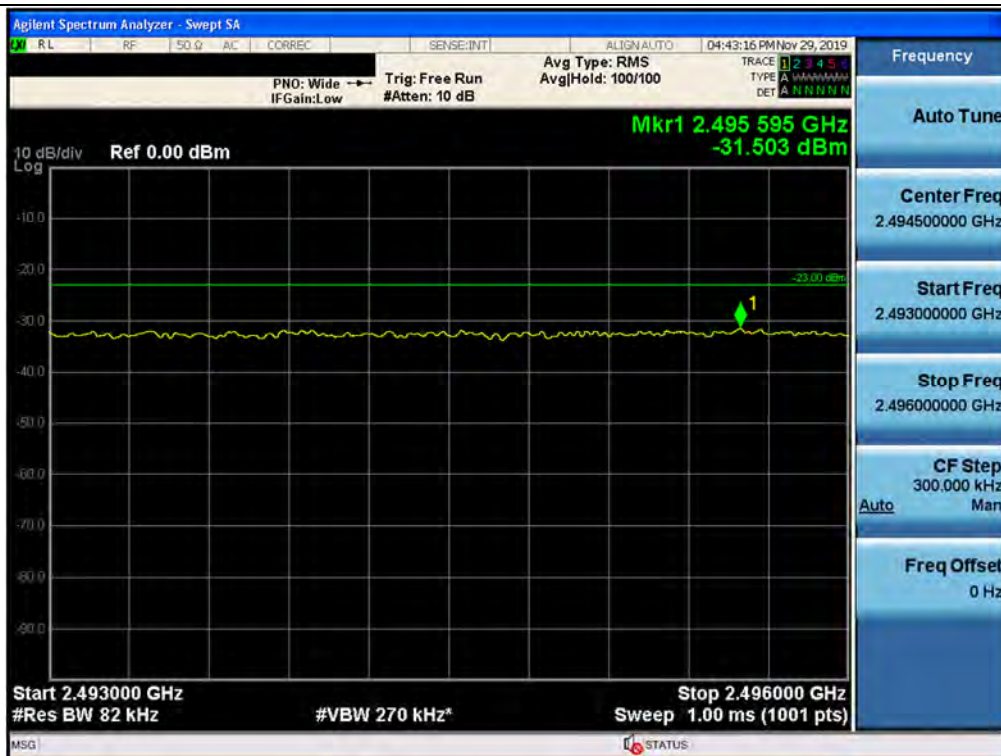
+3 dB above Out-of-band (single test signals) / WCS / Downlink / LTE 10 MHz / Lower



Out-of-band (single test signals) / BRS/EBS / Downlink / 5G NR 80M / Upper



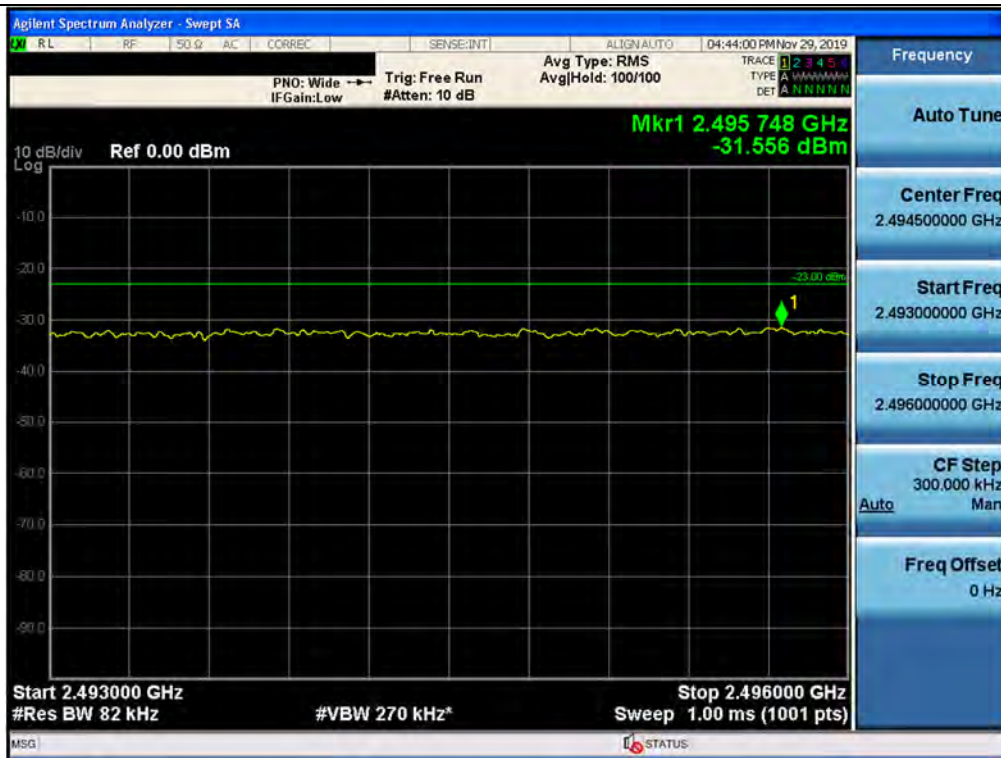
Out-of-band (single test signals) / BRS/EBS / Downlink / 5G NR 80M / Lower



+3 dB above Out-of-band (single test signals) / BRS/EBS / Downlink / 5G NR 80M / Upper

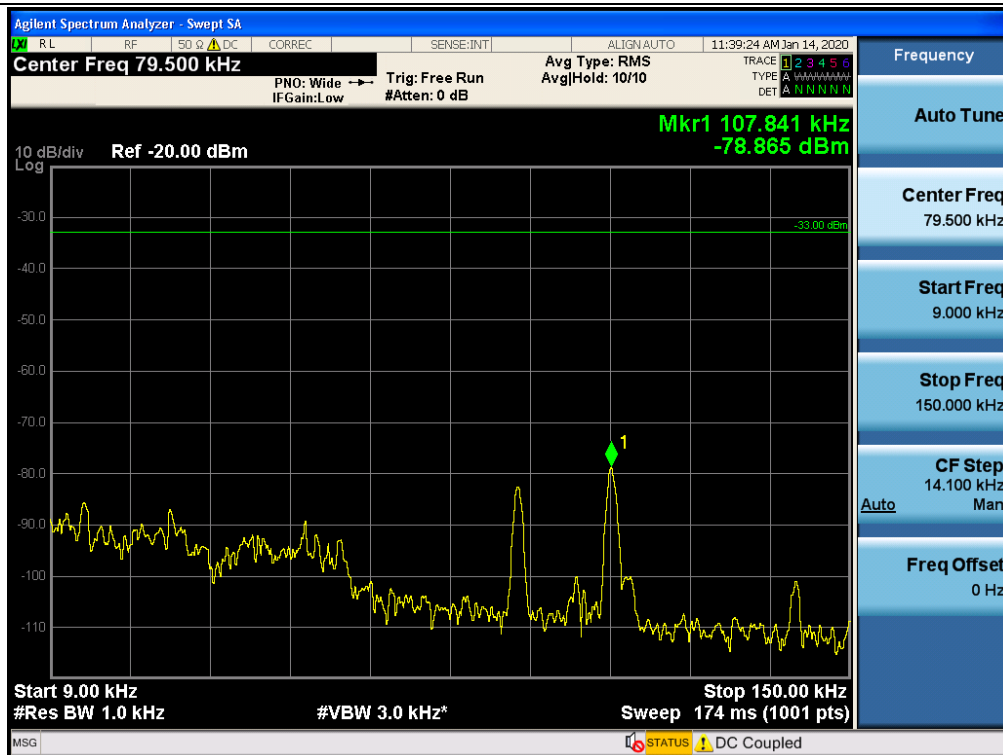


+3 dB above Out-of-band (single test signals) / BRS/EBS / Downlink / 5G NR 80M / Lower

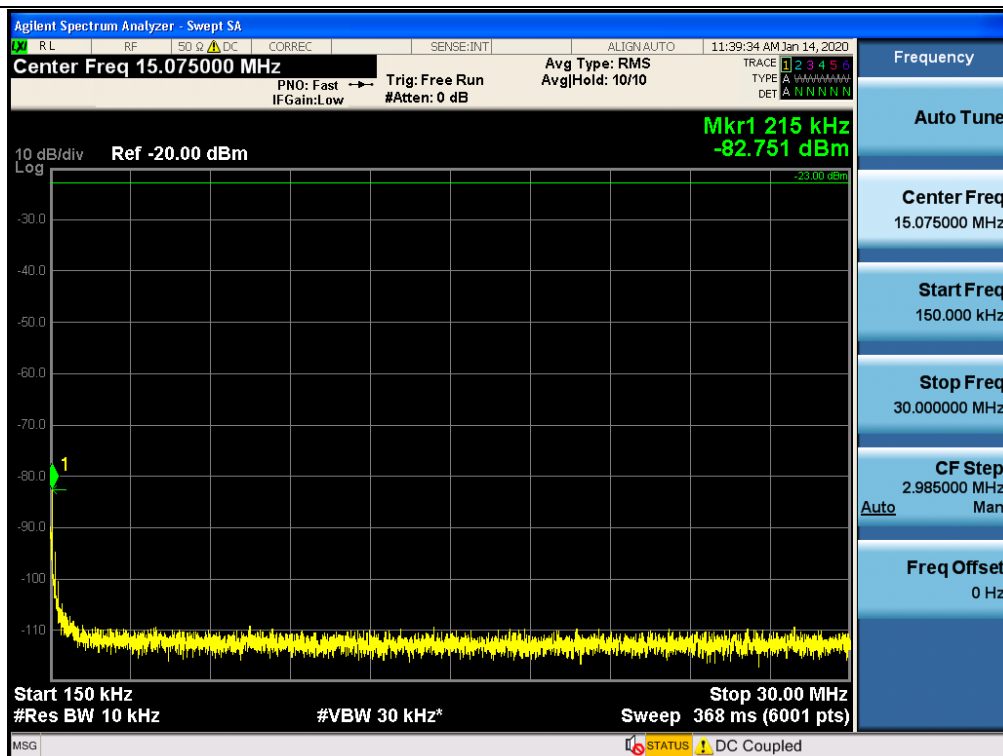


Plot data of Spurious Emissions

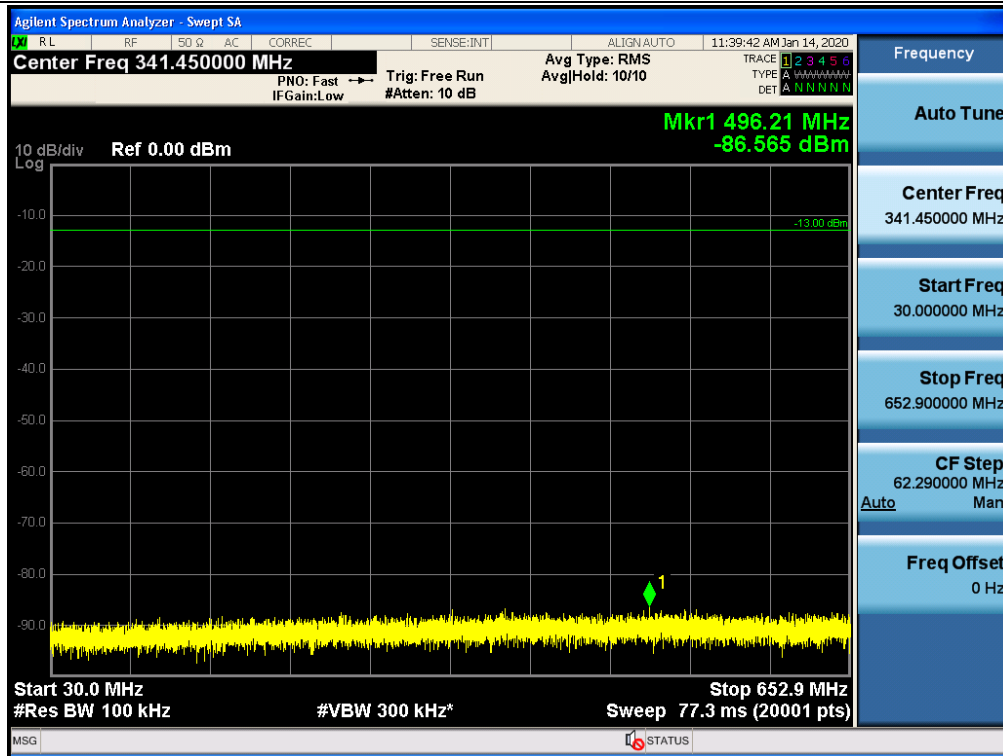
Spurious / 600 MHz / Uplink / LTE 20 MHz / Low / 9 kHz ~ 150 kHz



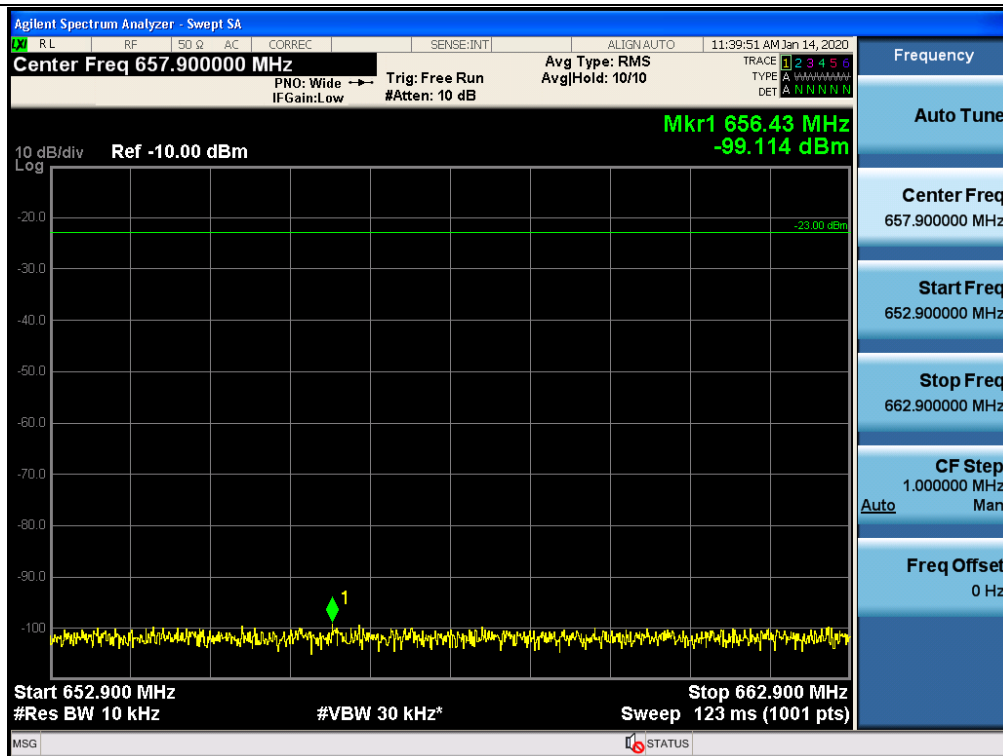
Spurious / 600 MHz / Uplink / LTE 20 MHz / Low / 150 kHz ~ 30 MHz



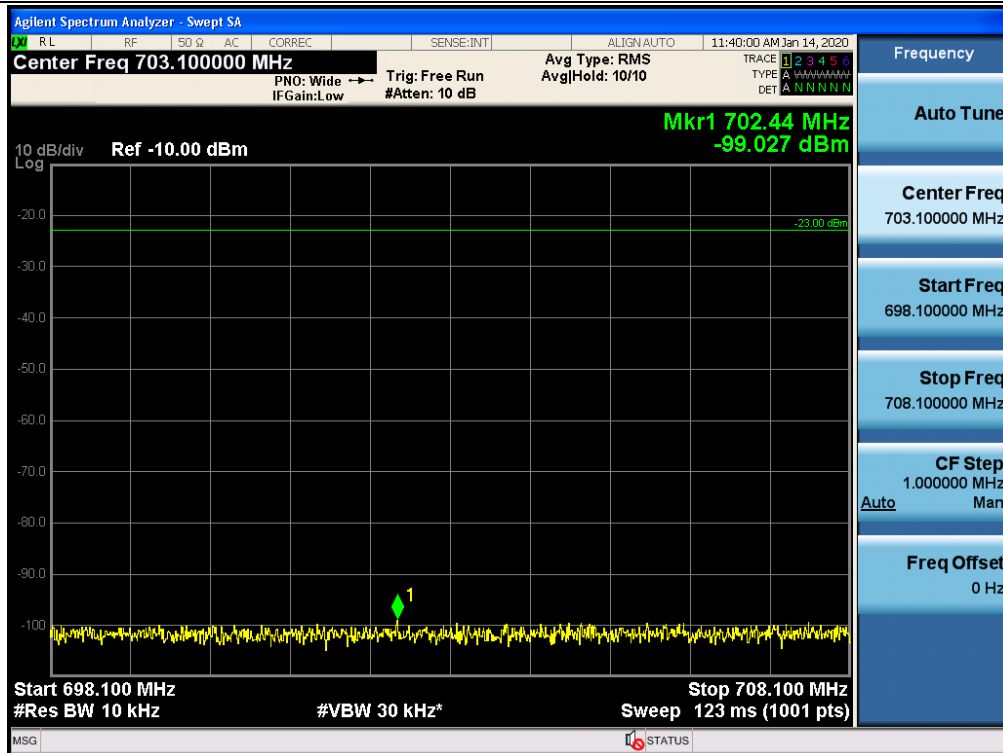
Spurious / 600 MHz / Uplink / LTE 20 MHz / Low / 30 MHz ~ Low Edge -110 kHz



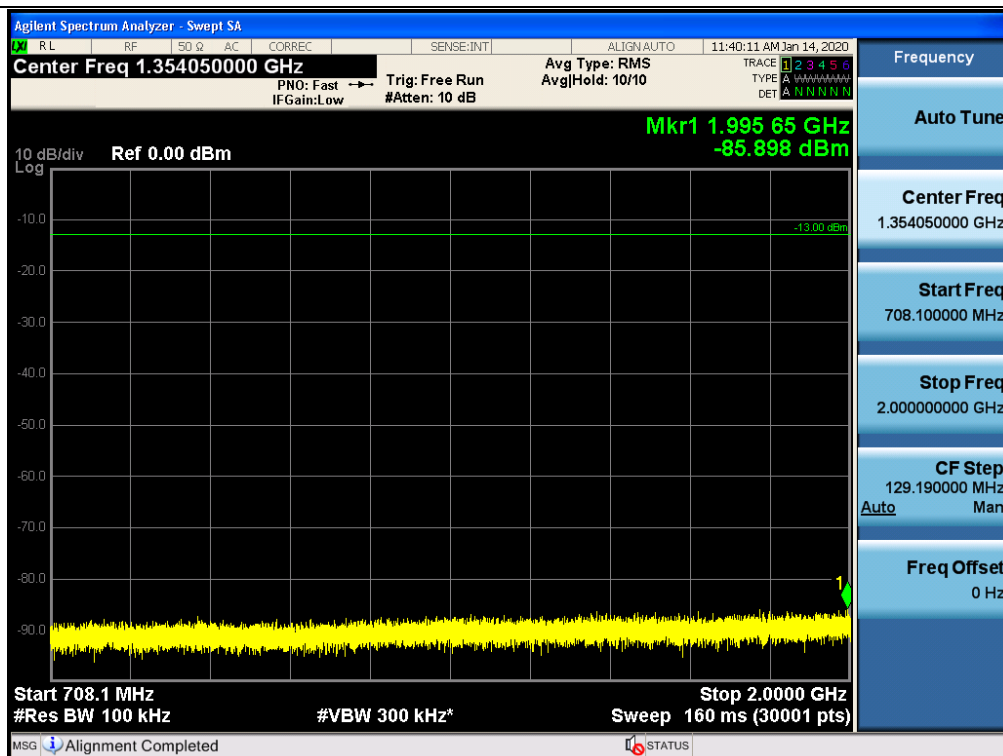
Spurious / 600 MHz / Uplink / LTE 20 MHz / Low / Low Edge - 110 kHz ~ Low Edge - 10 kHz



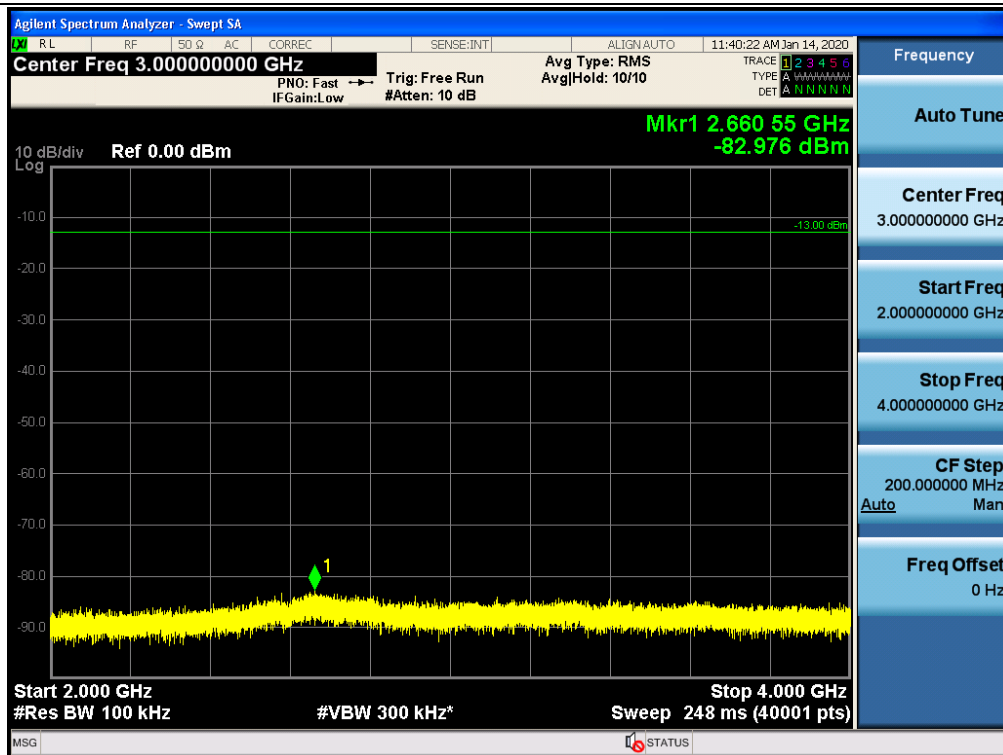
Spurious / 600 MHz / Uplink / LTE 20 MHz / Low / High Edge + 10 kHz ~ High Edge + 110 kHz



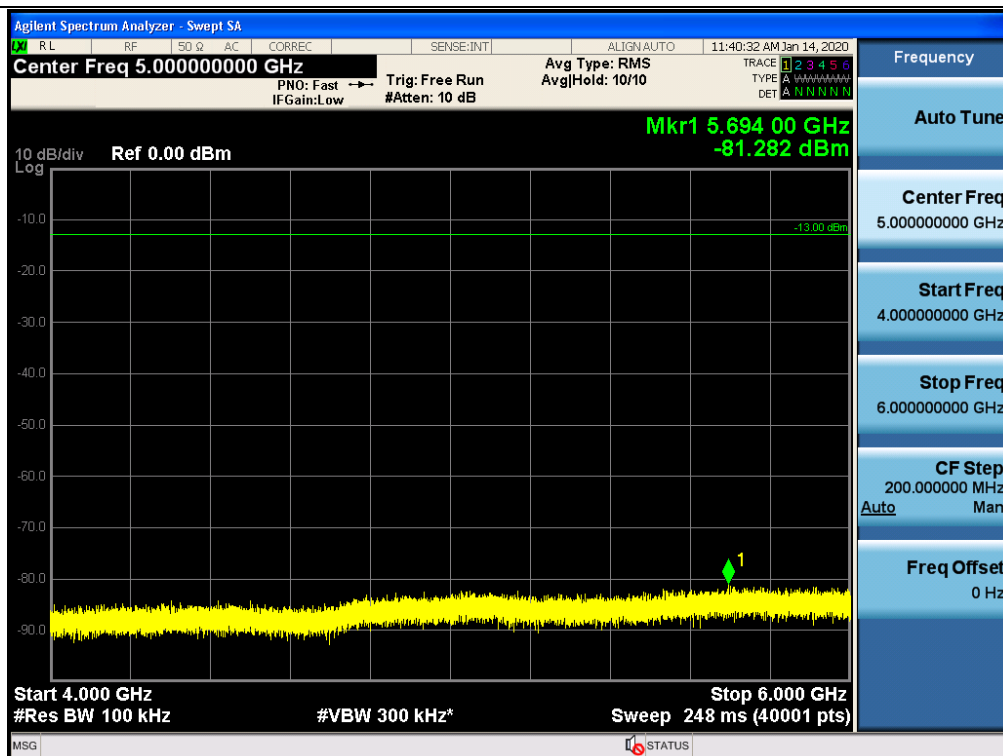
Spurious / 600 MHz / Uplink / LTE 20 MHz / Low / High Edge + 110 kHz ~ 1 GHz (10 GHz)



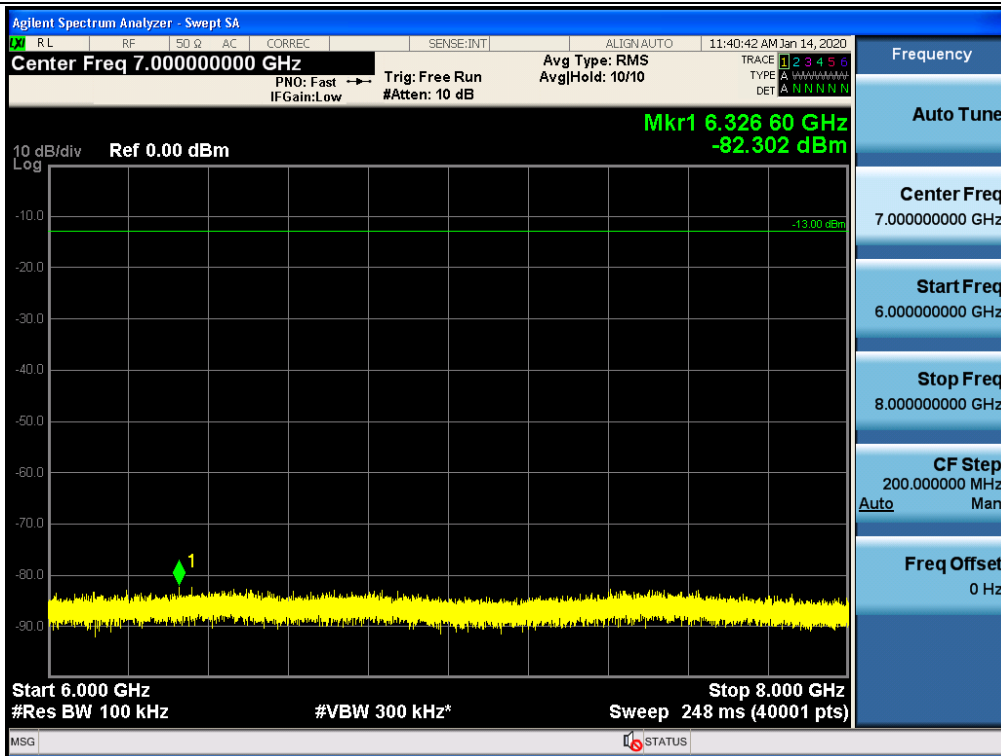
Spurious / 600 MHz / Uplink / LTE 20 MHz / Low / 1 GHz ~ 10 GHz (2 GHz ~ 4 GHz)



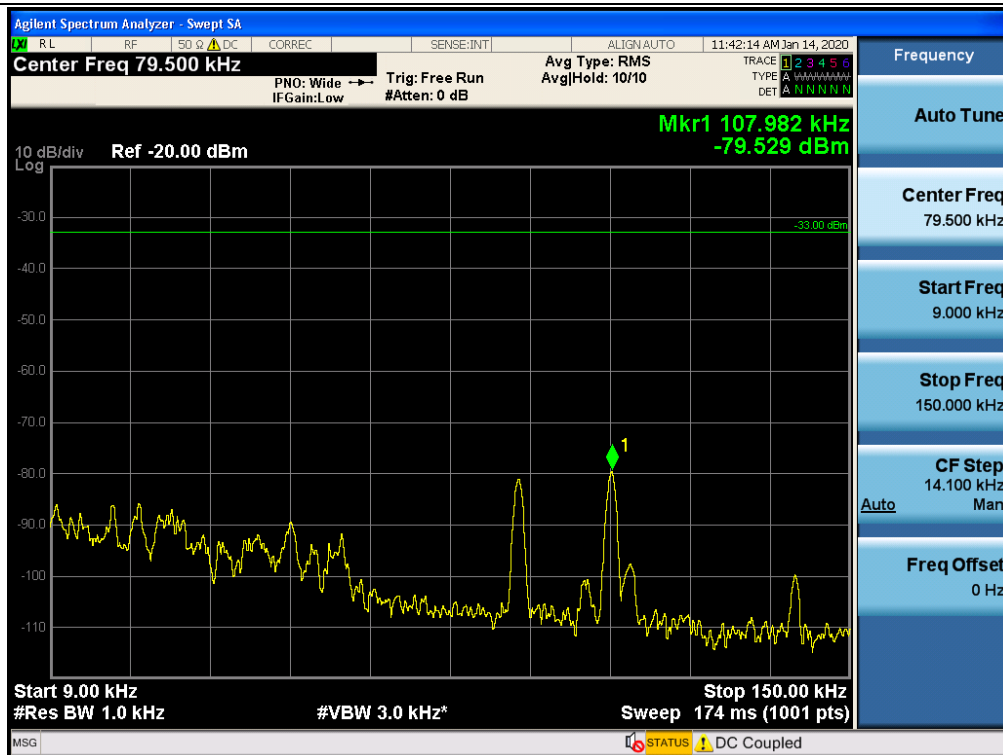
Spurious / 600 MHz / Uplink / LTE 20 MHz / Low / 4 GHz ~ 6 GHz



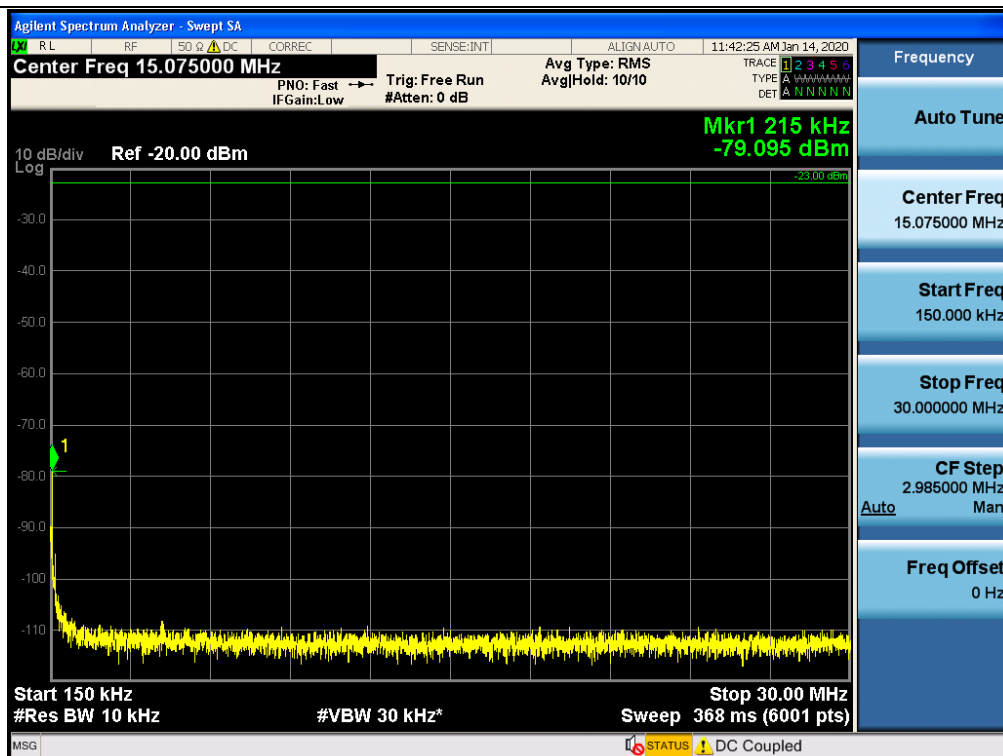
Spurious / 600 MHz / Uplink / LTE 20 MHz / Low / 6 GHz ~ 8 GHz



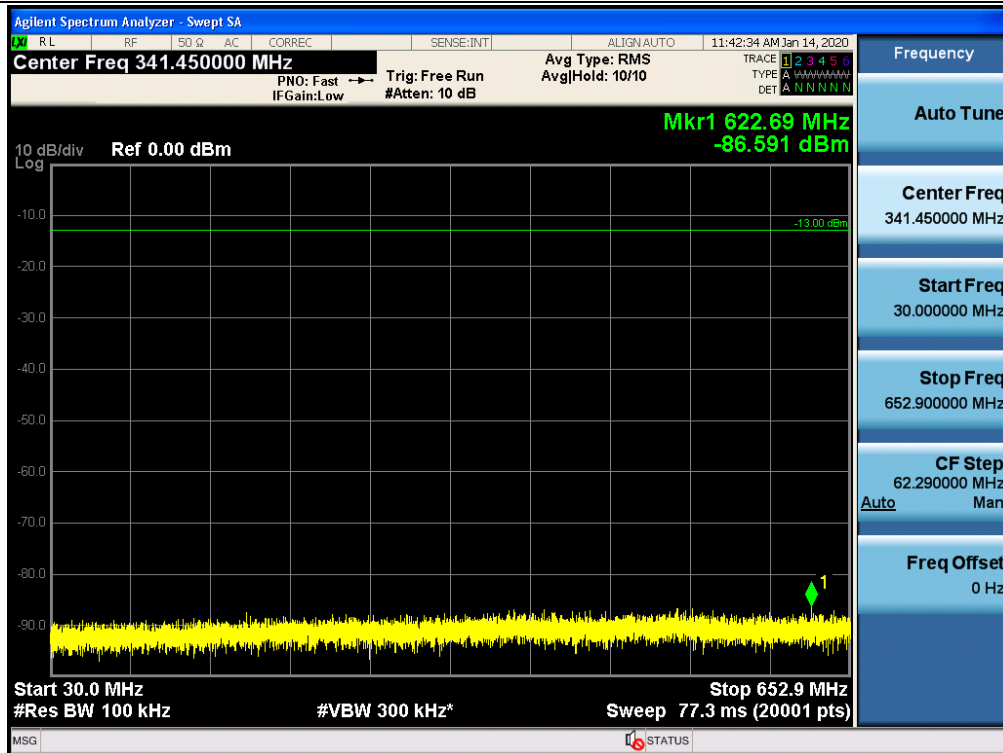
Spurious / 600 MHz / Uplink / LTE 20 MHz / Middle / 9 kHz ~ 150 kHz



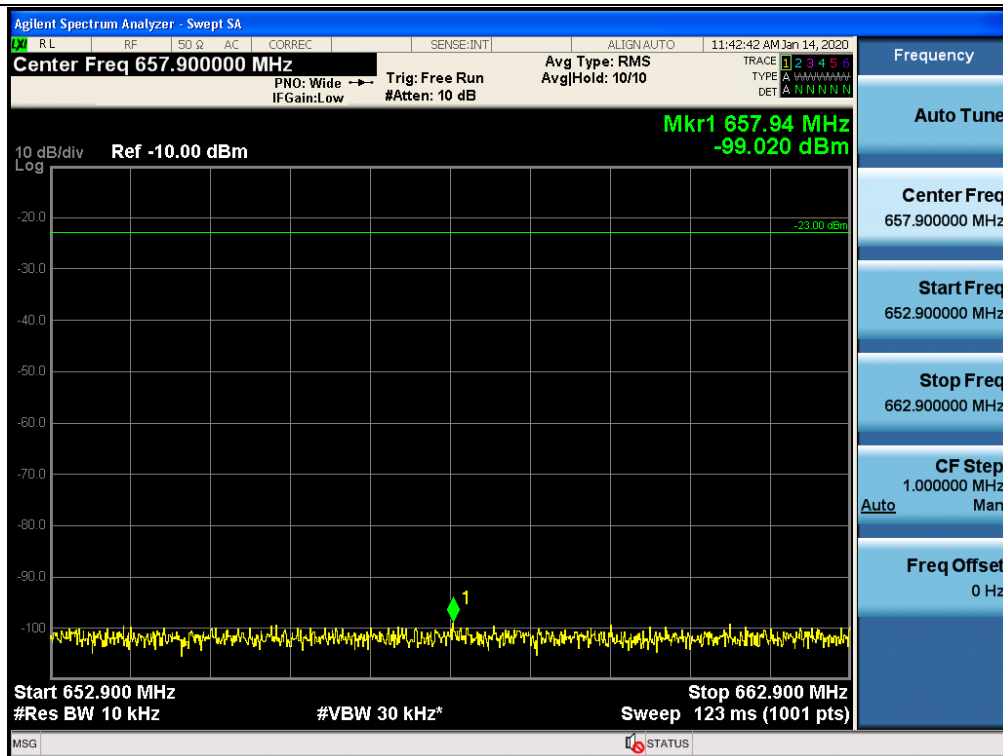
Spurious / 600 MHz / Uplink / LTE 20 MHz / Middle / 150 kHz ~ 30 MHz



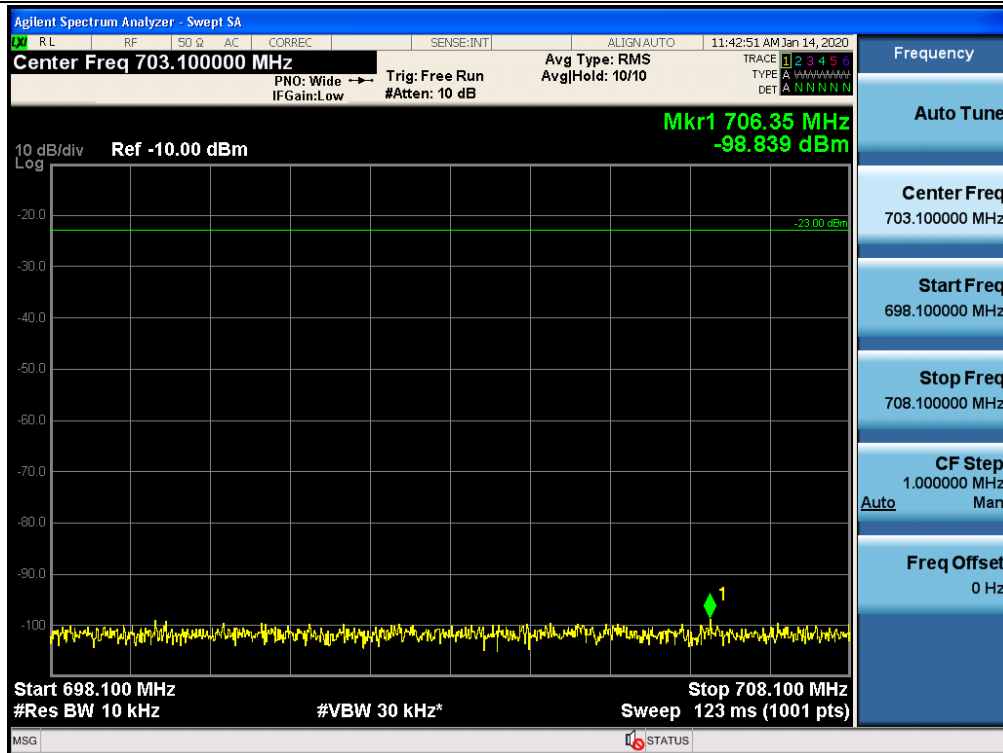
Spurious / 600 MHz / Uplink / LTE 20 MHz / Middle / 30 MHz ~ Low Edge -110 kHz



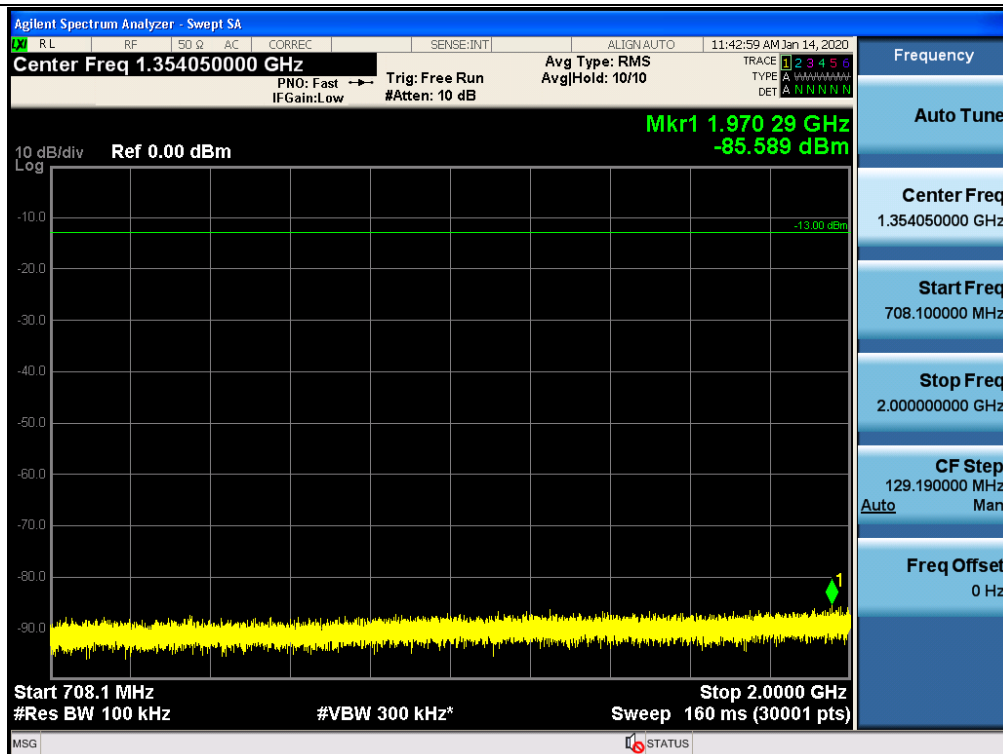
Spurious / 600 MHz / Uplink / LTE 20 MHz / Middle / Low Edge - 110 kHz ~ Low Edge - 10 kHz



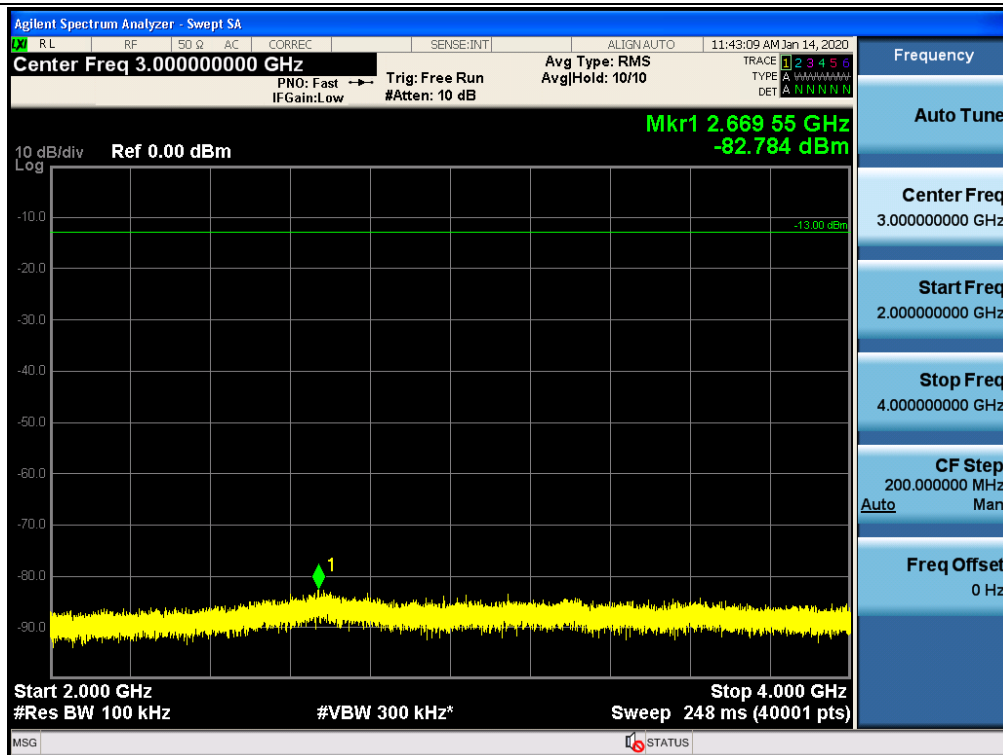
Spurious / 600 MHz / Uplink / LTE 20 MHz / Middle / High Edge + 10 kHz ~ High Edge + 110 kHz



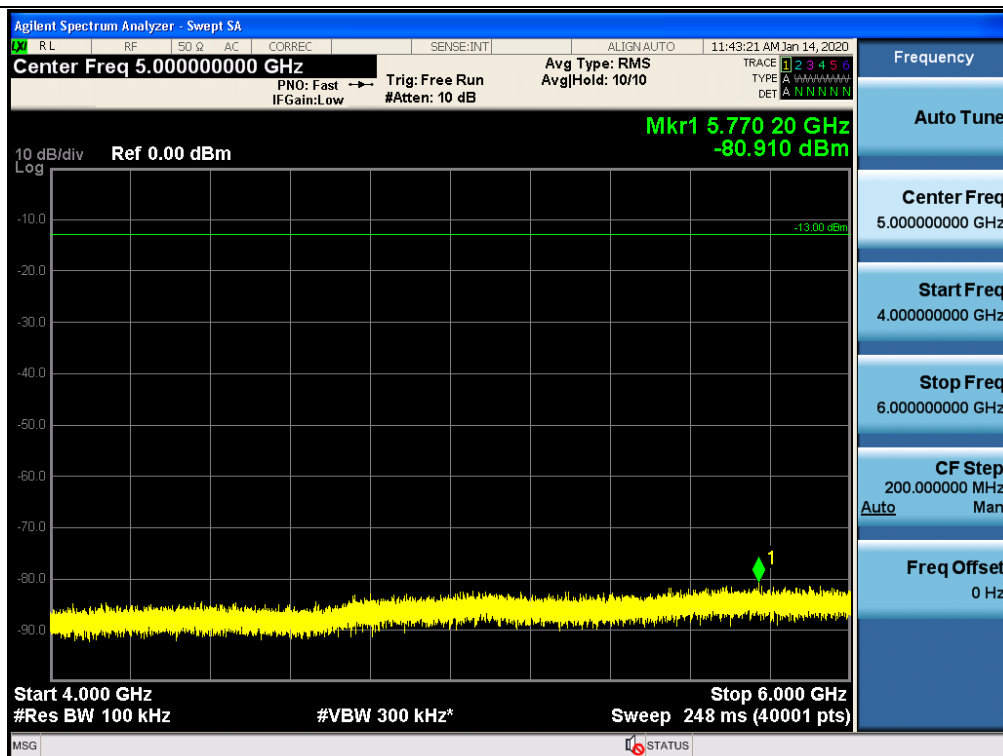
Spurious / 600 MHz / Uplink / LTE 20 MHz / Middle / High Edge + 110 kHz ~ 1 GHz (10 GHz)



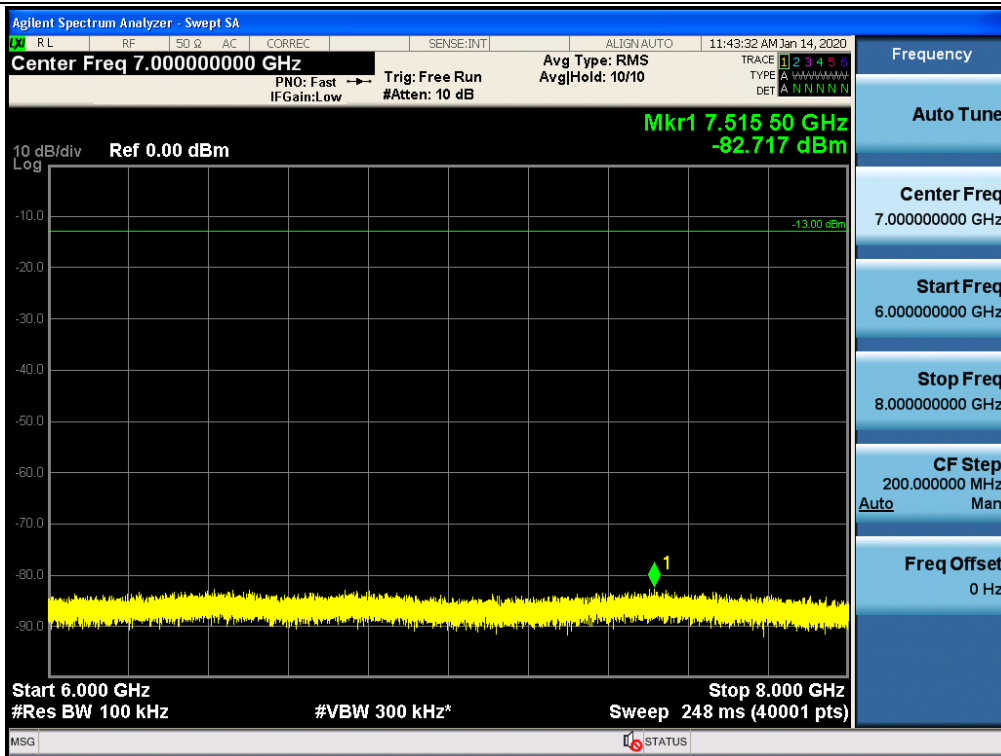
Spurious / 600 MHz / Uplink / LTE 20 MHz / Middle / 1 GHz ~ 10 GHz (2 GHz ~ 4 GHz)



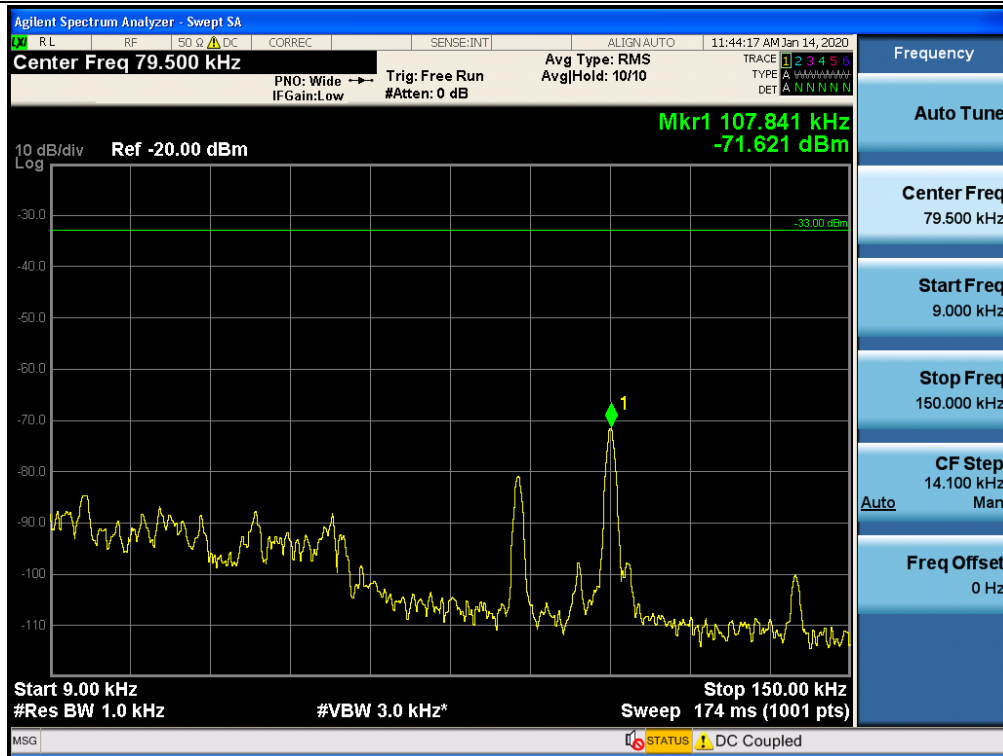
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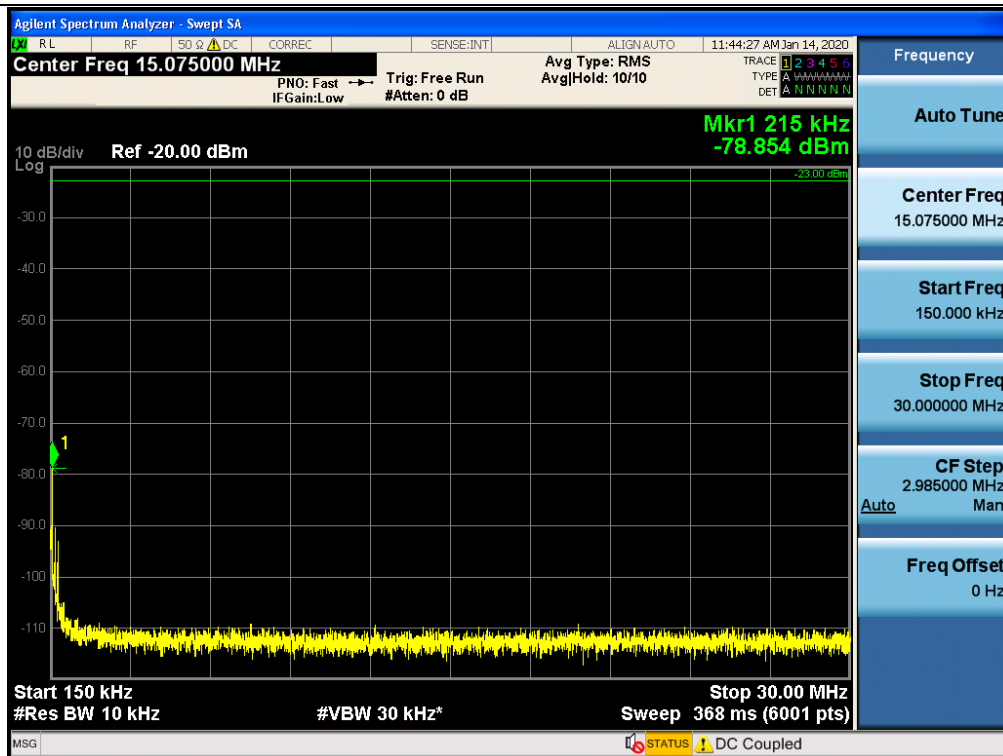
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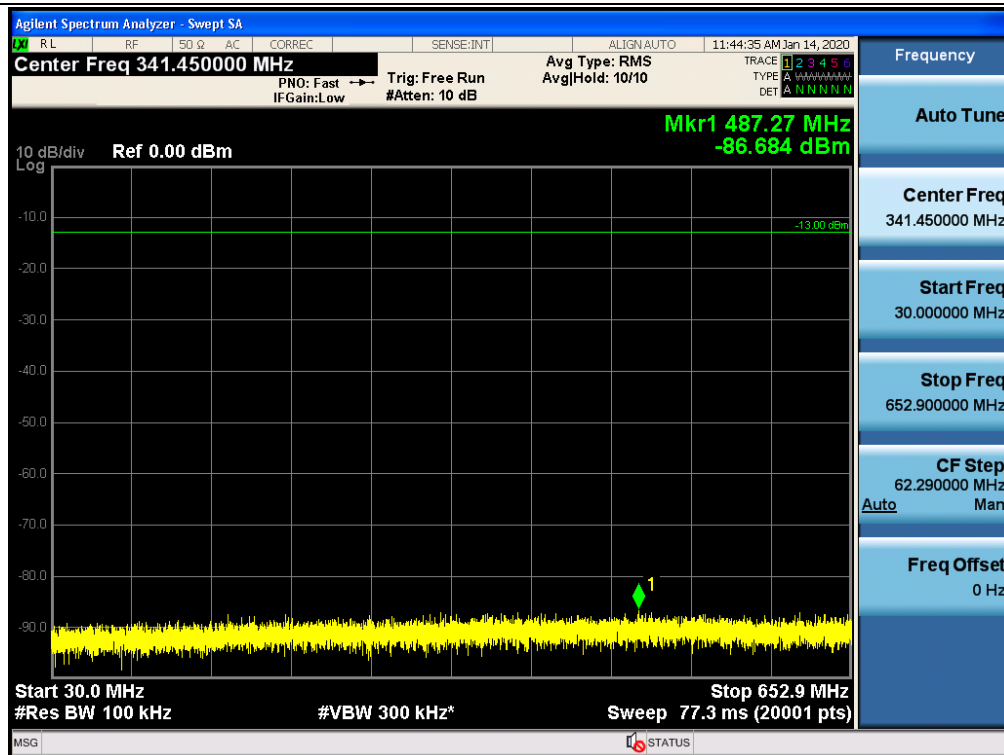
Spurious / 600 MHz / Uplink / LTE 20 MHz / High / 9 kHz ~ 150 kHz



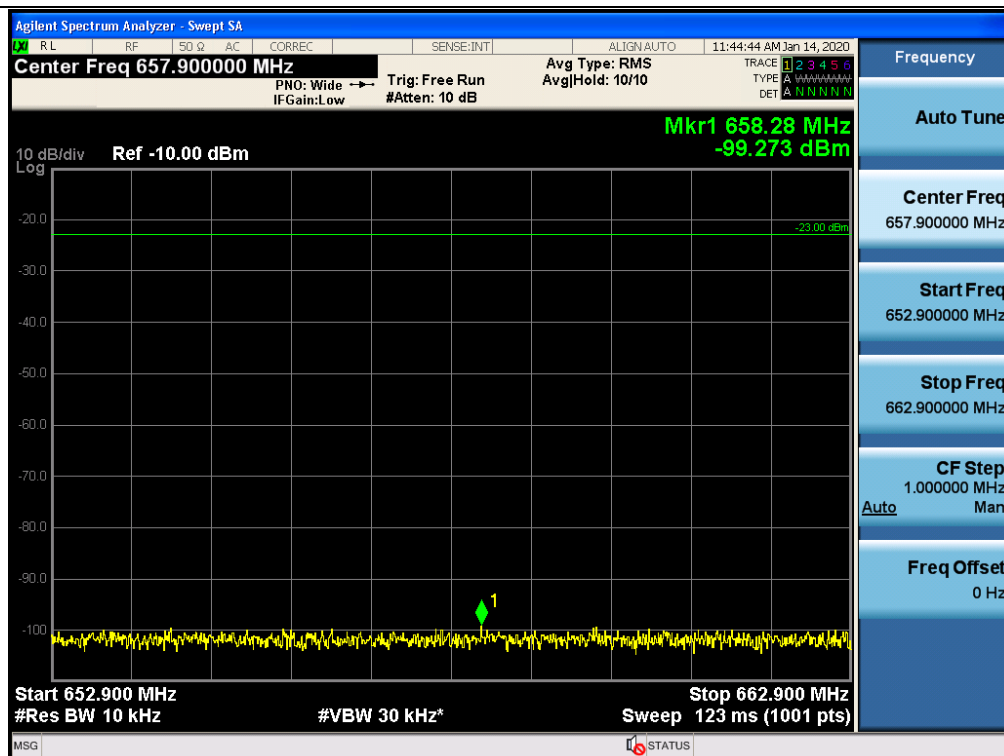
Spurious / 600 MHz / Uplink / LTE 20 MHz / High / 150 kHz ~ 30 MHz



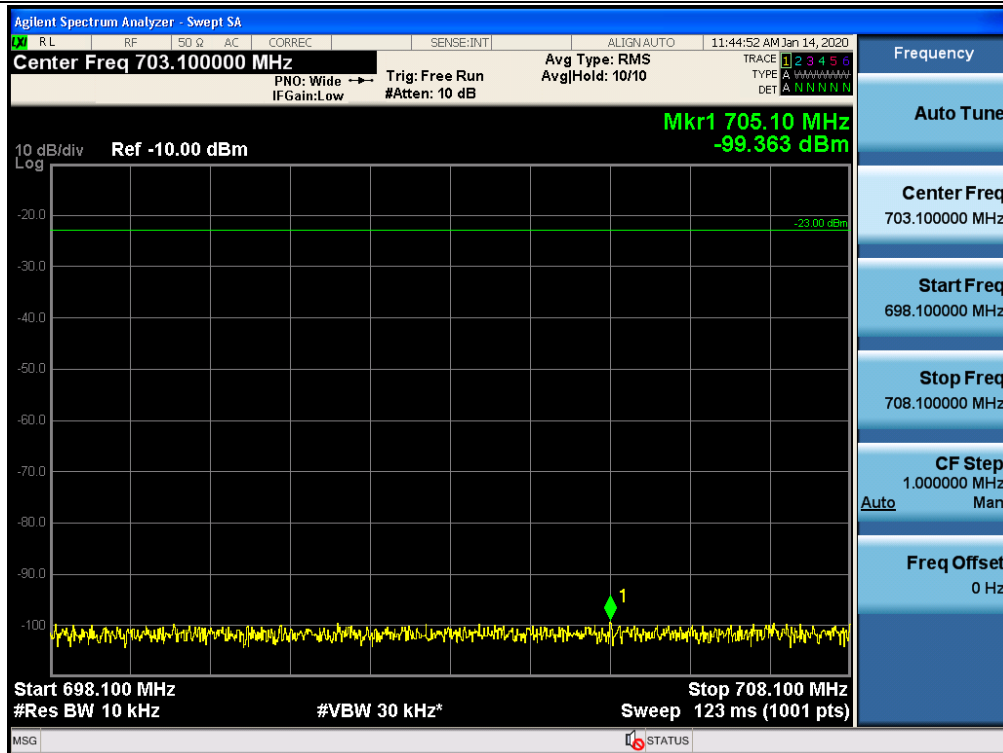
Spurious / 600 MHz / Uplink / LTE 20 MHz / High / 30 MHz ~ Low Edge -110 kHz



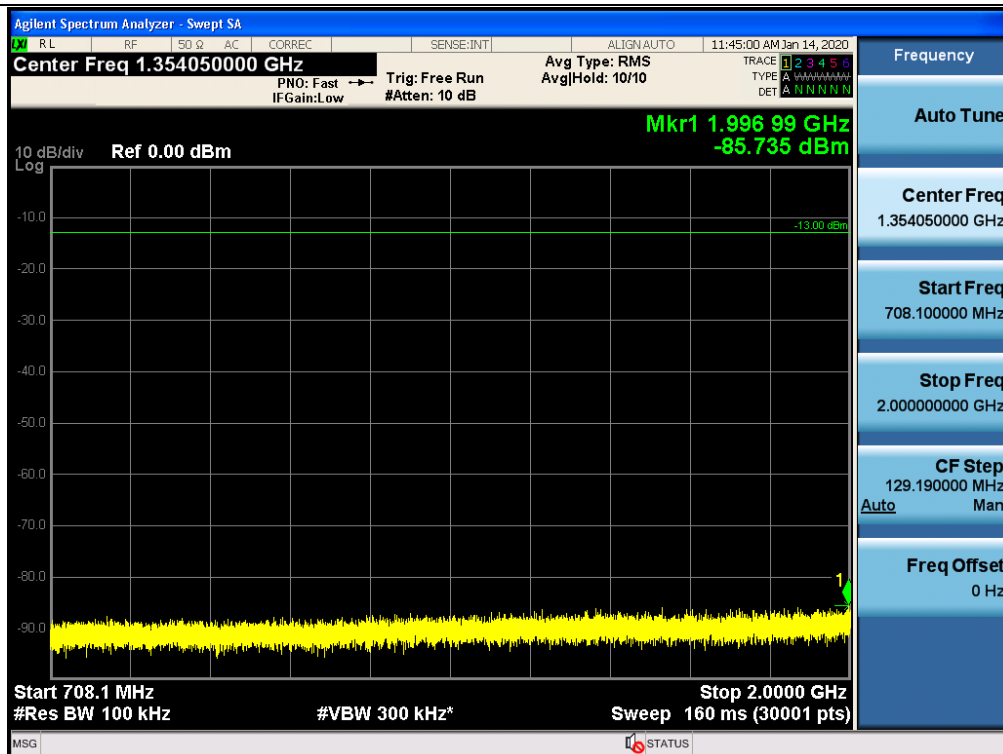
Spurious / 600 MHz / Uplink / LTE 20 MHz / High / Low Edge - 110 kHz ~ Low Edge - 10 kHz



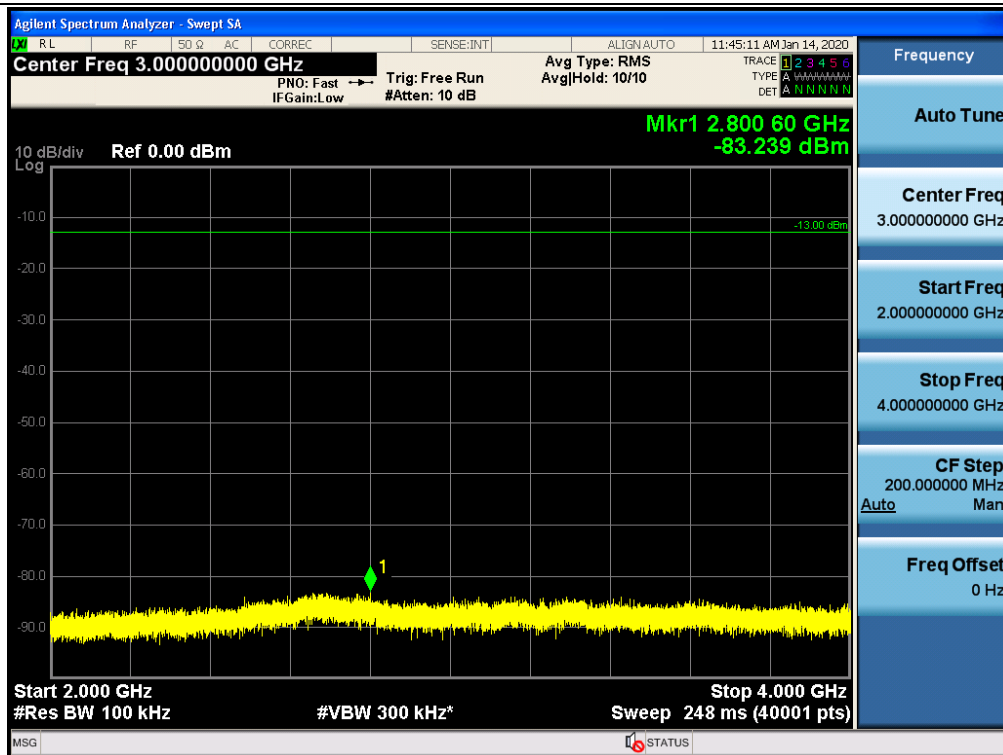
Spurious / 600 MHz / Uplink / LTE 20 MHz / High / High Edge + 10 kHz ~ High Edge + 110 kHz



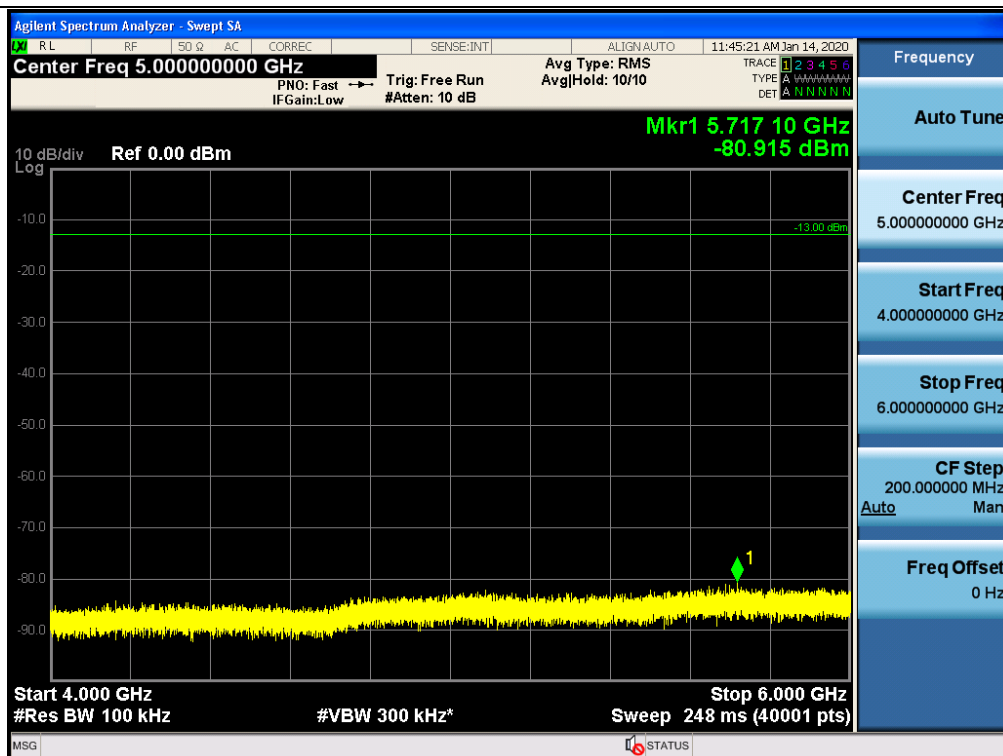
Spurious / 600 MHz / Uplink / LTE 20 MHz / High / High Edge + 110 kHz ~ 1 GHz (10 GHz)



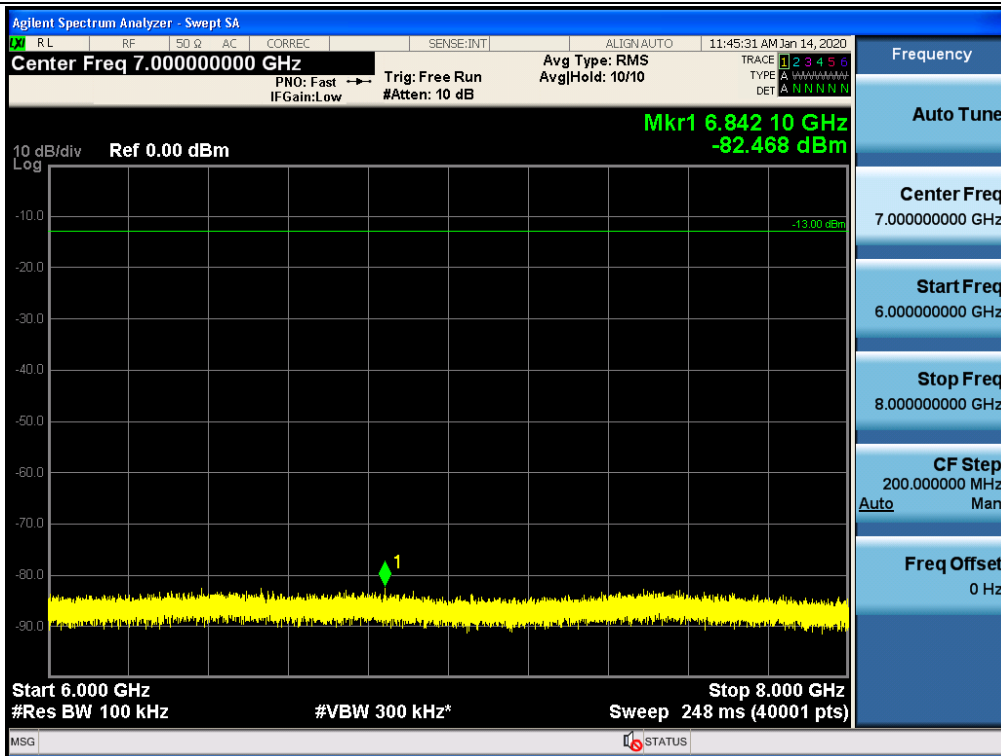
Spurious / 600 MHz / Uplink / LTE 20 MHz / High / 1 GHz ~ 10 GHz (2 GHz ~ 4 GHz)



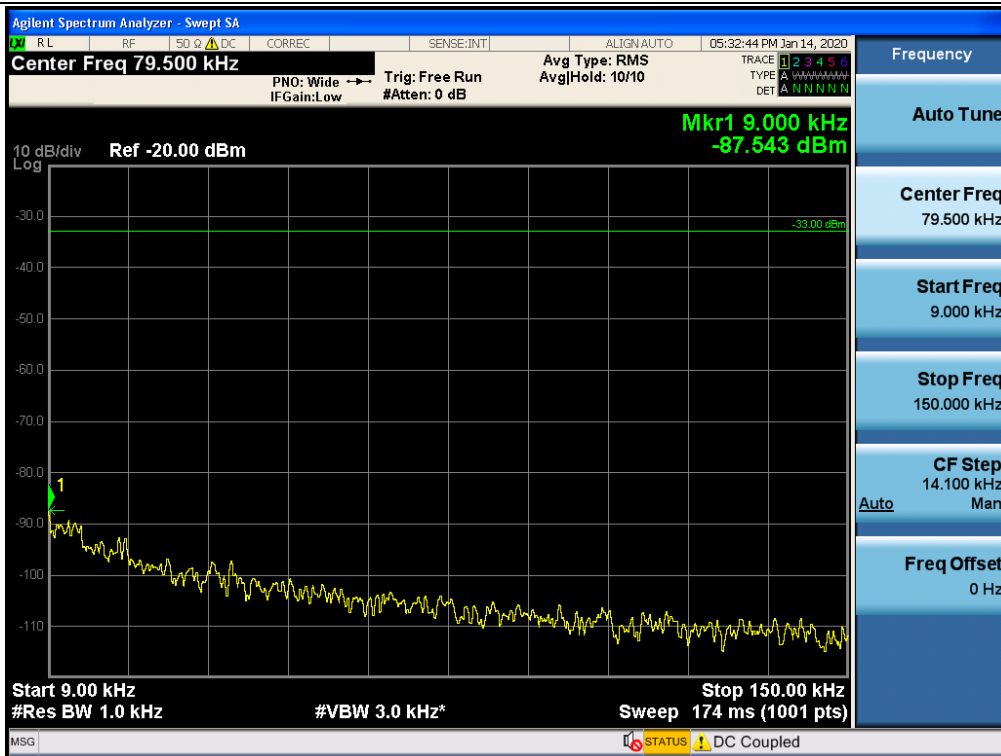
Spurious / 600 MHz / Uplink / LTE 20 MHz / High / 4 GHz ~ 6 GHz



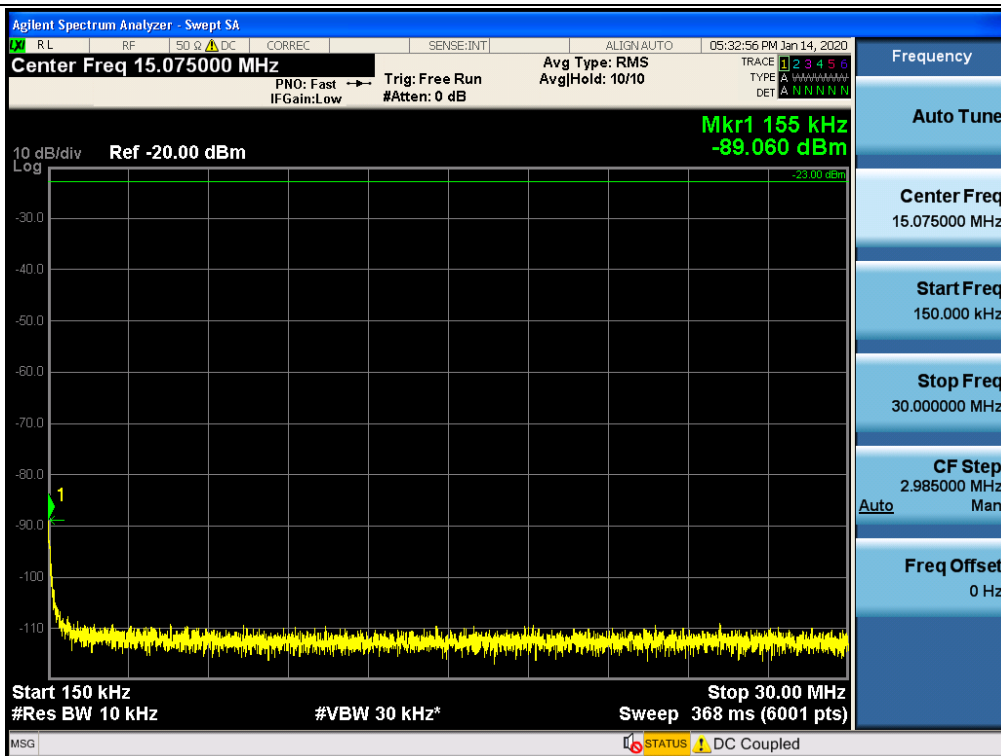
Spurious / 600 MHz / Uplink / LTE 20 MHz / High / 6 GHz ~ 8 GHz



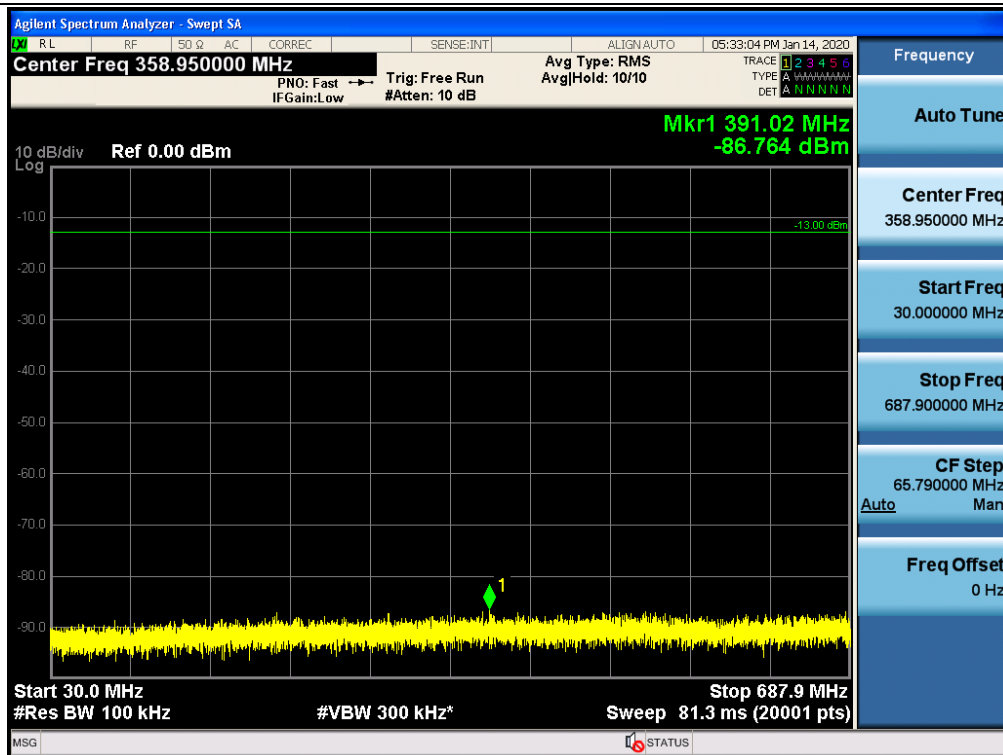
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Low / 9 kHz ~ 150 kHz



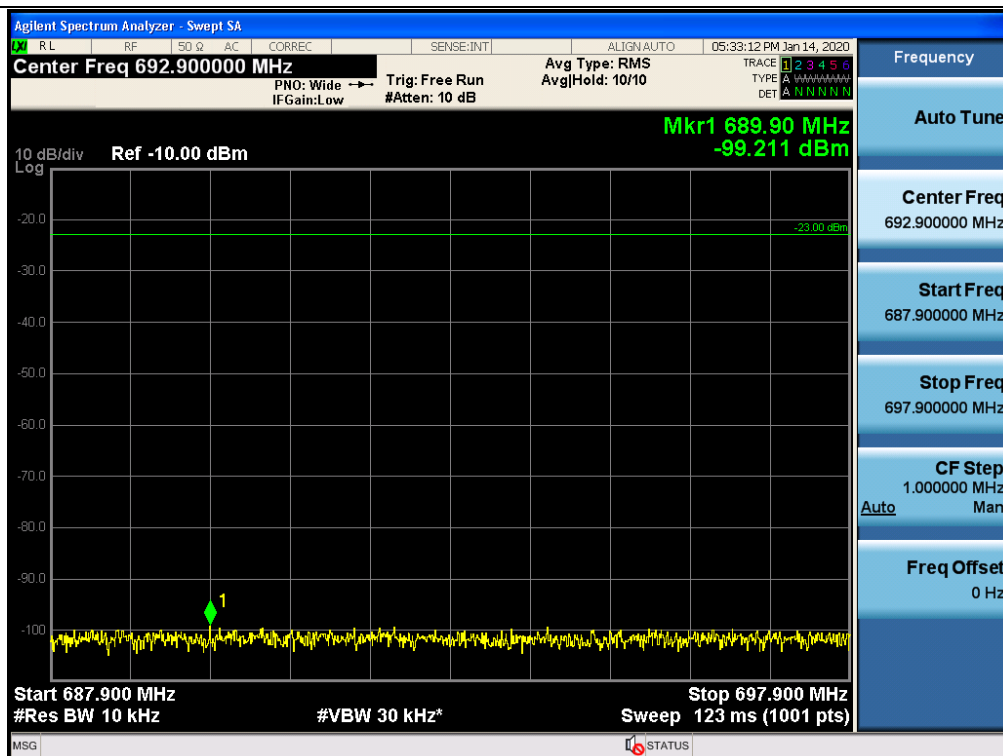
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Low / 150 kHz ~ 30 MHz



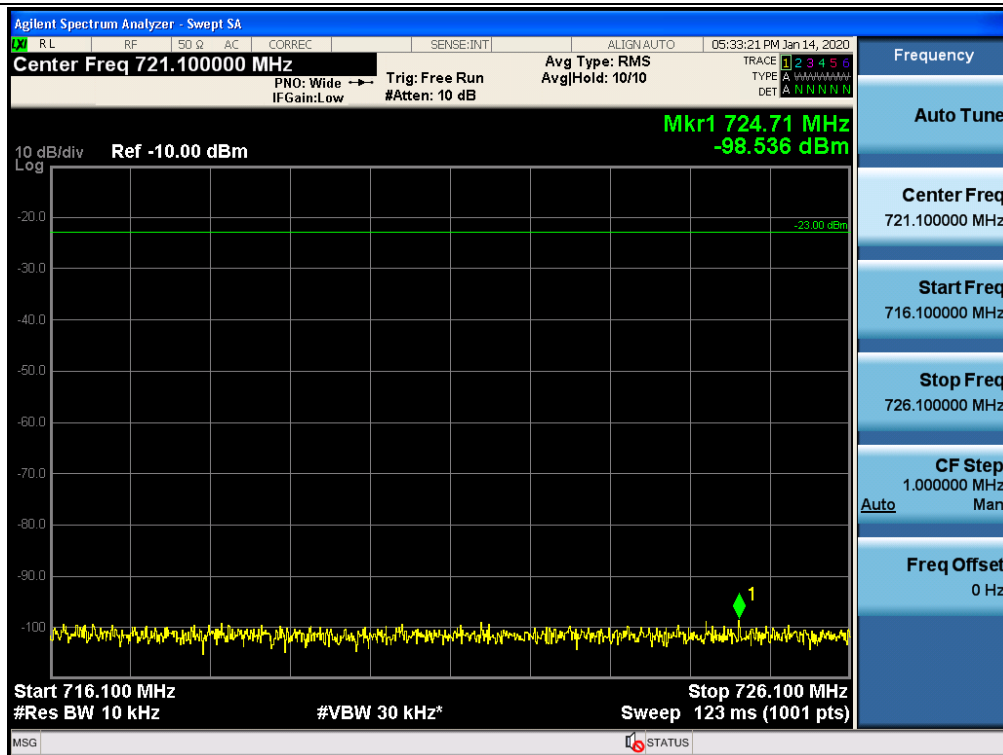
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Low / 30 MHz ~ Low Edge -110 kHz



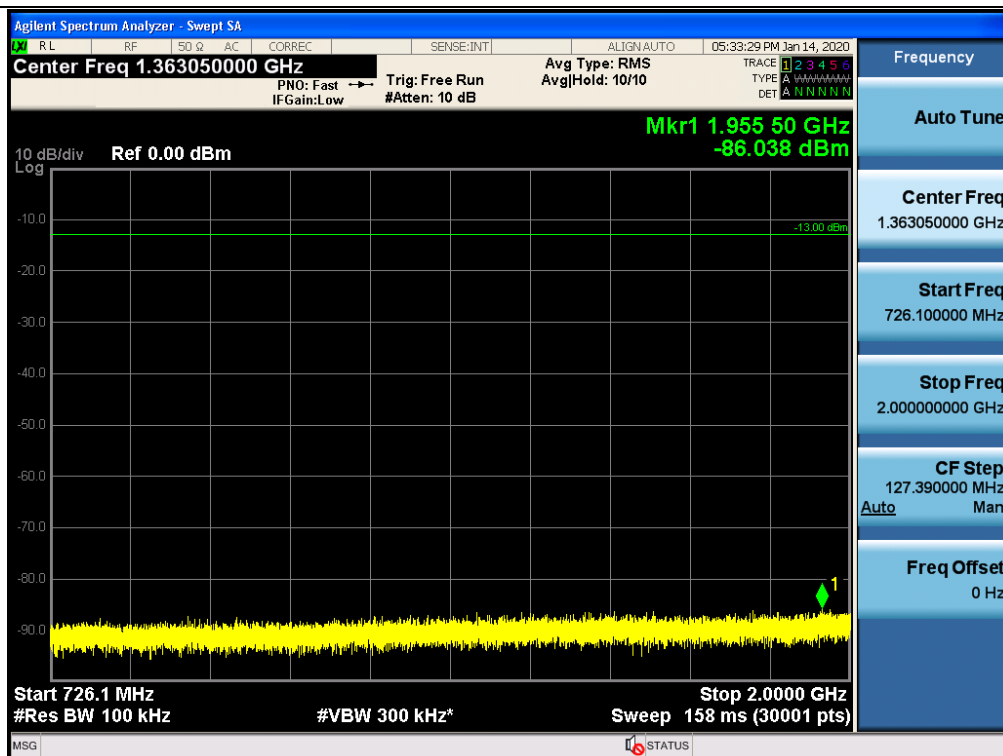
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Low / Low Edge - 110 kHz ~ Low Edge - 10 kHz



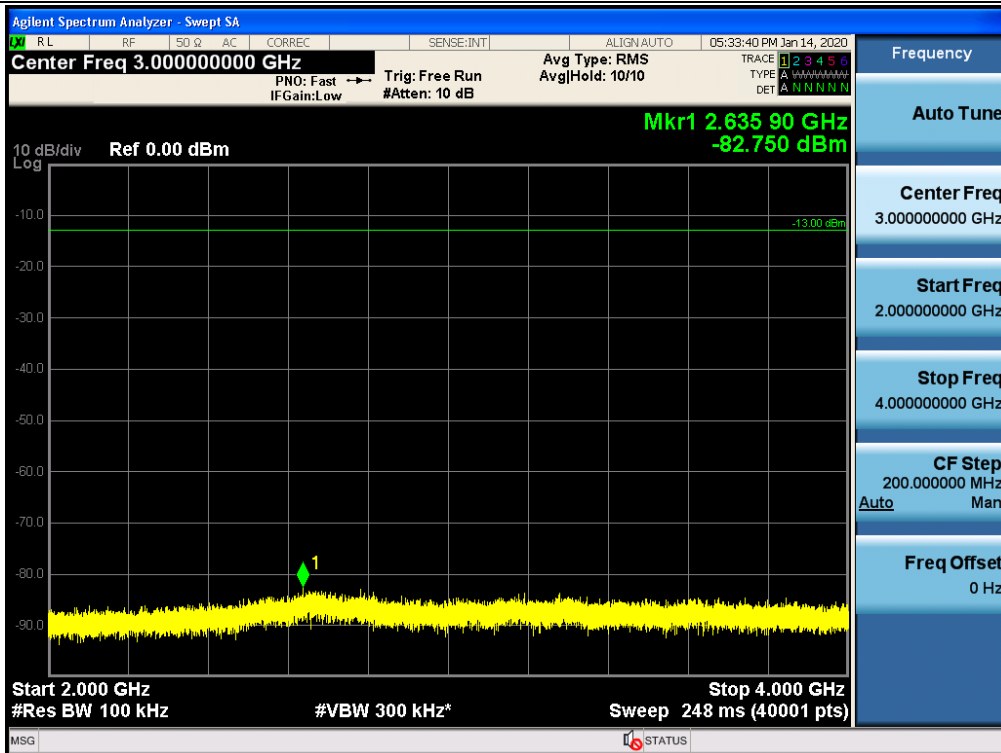
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Low / High Edge + 10 kHz ~ High Edge + 110 kHz



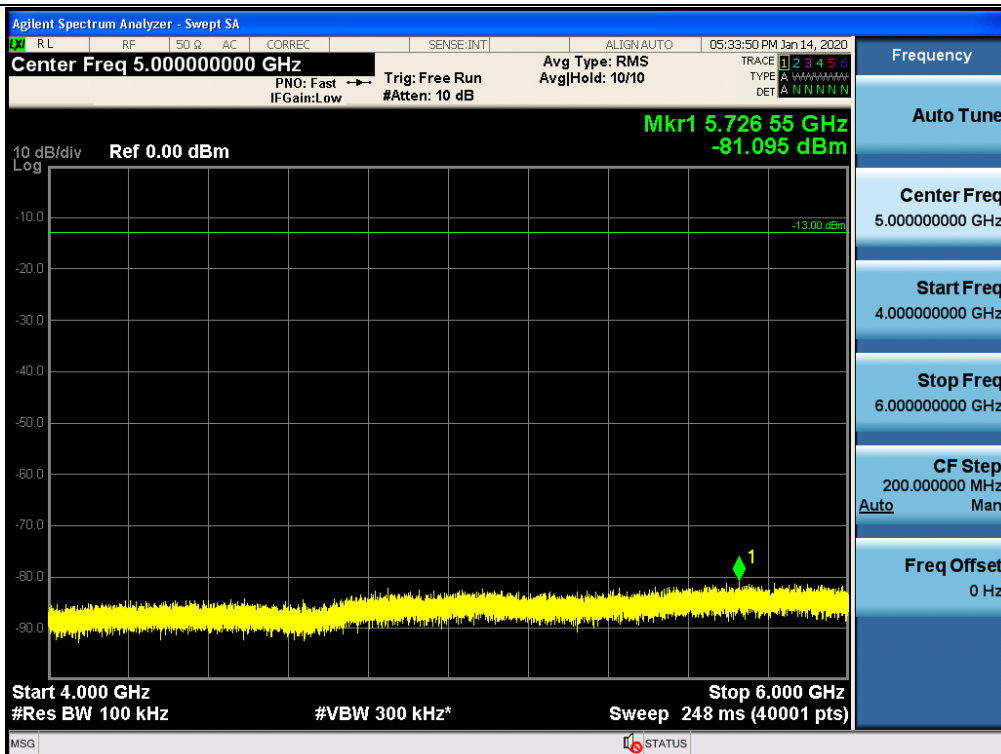
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Low / High Edge + 110 kHz ~ 1 GHz (10 GHz)



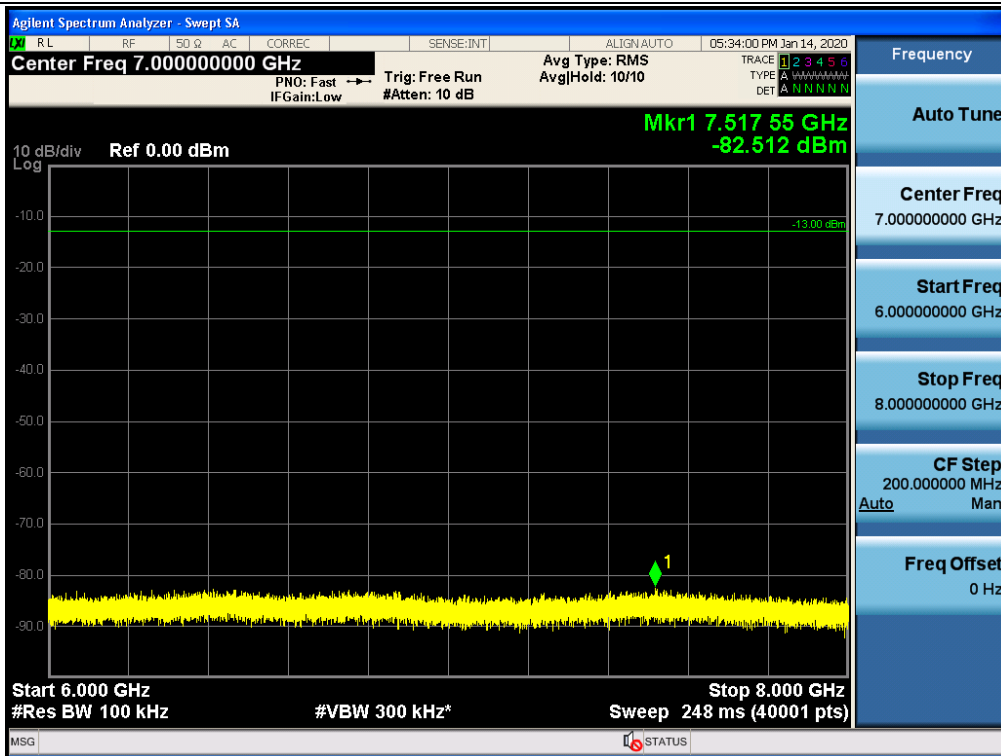
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Low / 1 GHz ~ 10 GHz (2 GHz ~ 4 GHz)



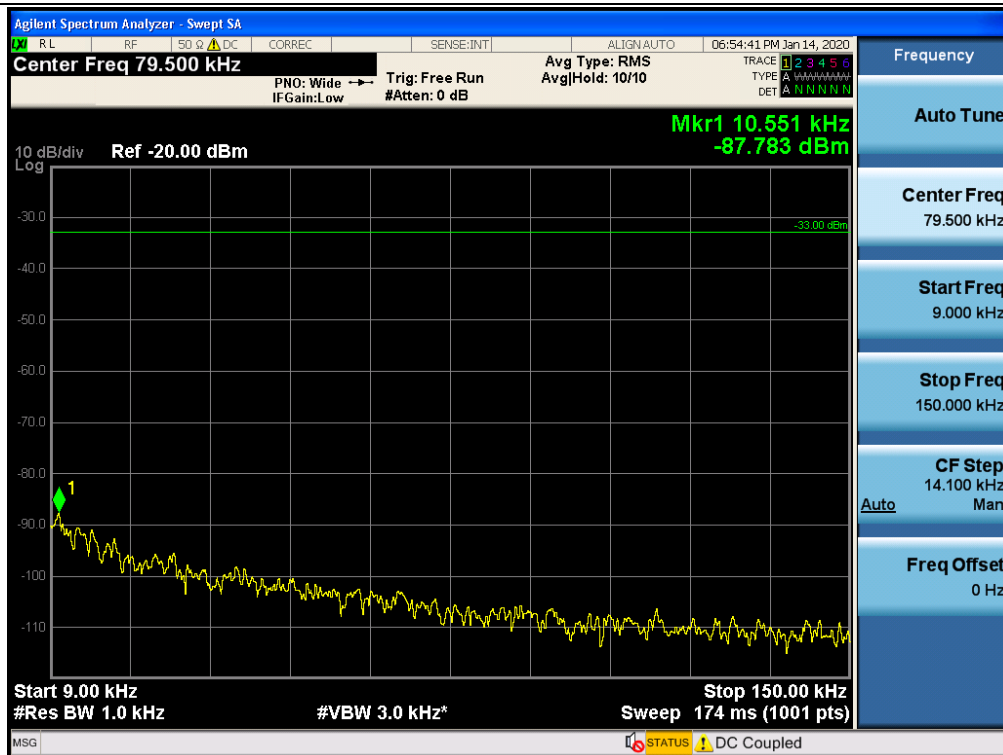
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Low / 4 GHz ~ 6 GHz



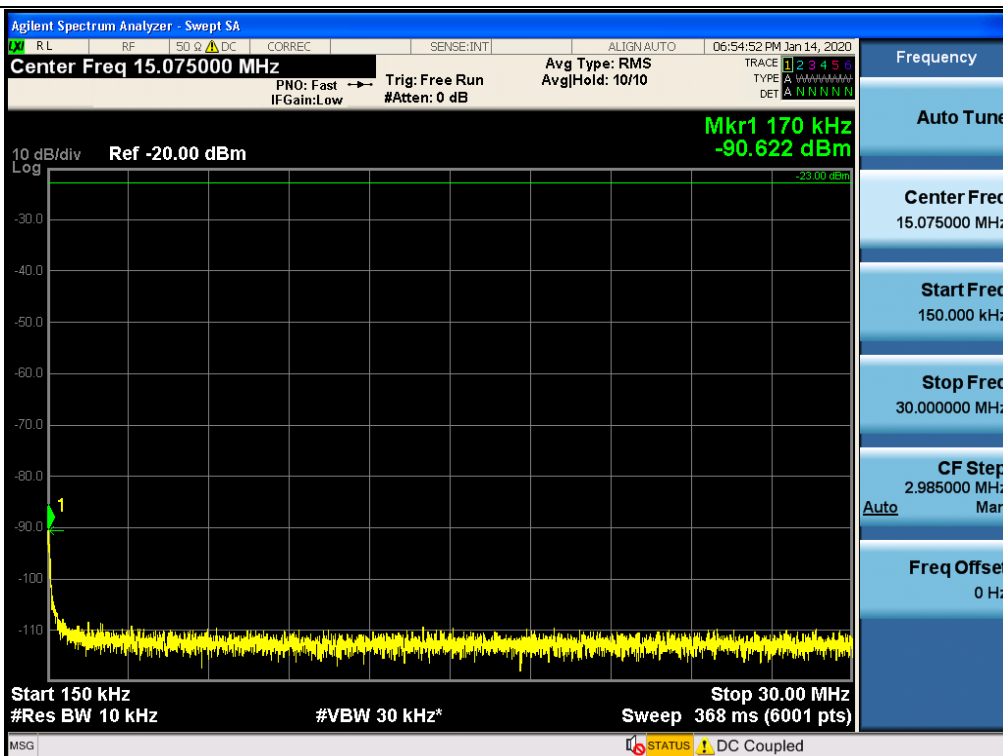
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Low / 6 GHz ~ 8 GHz



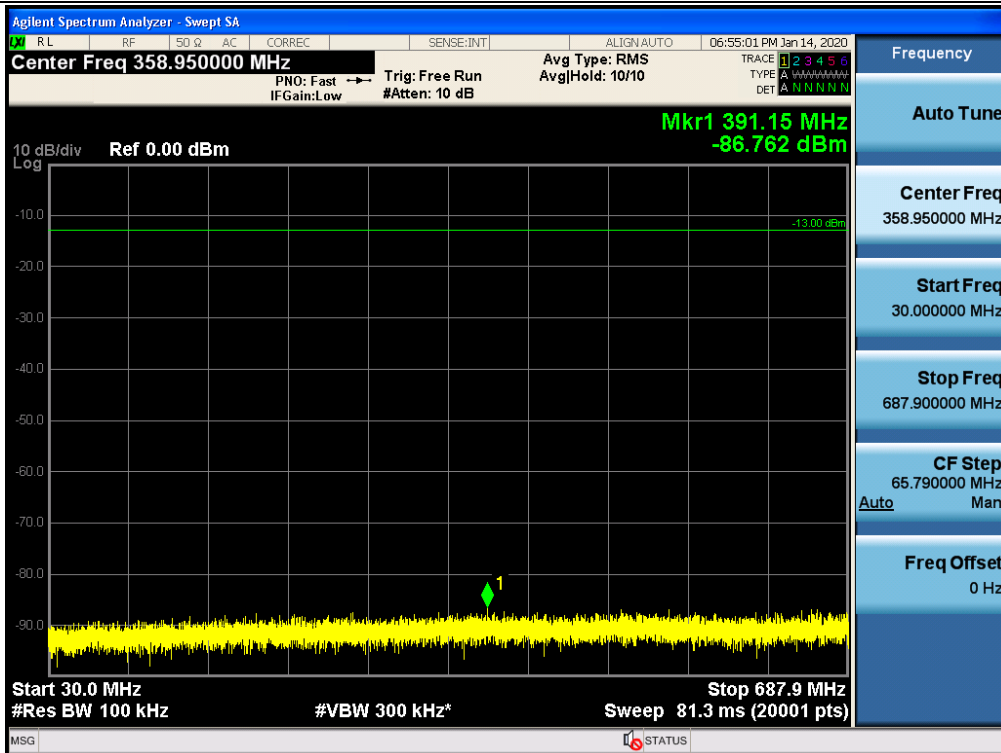
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Middle / 9 kHz ~ 150 kHz



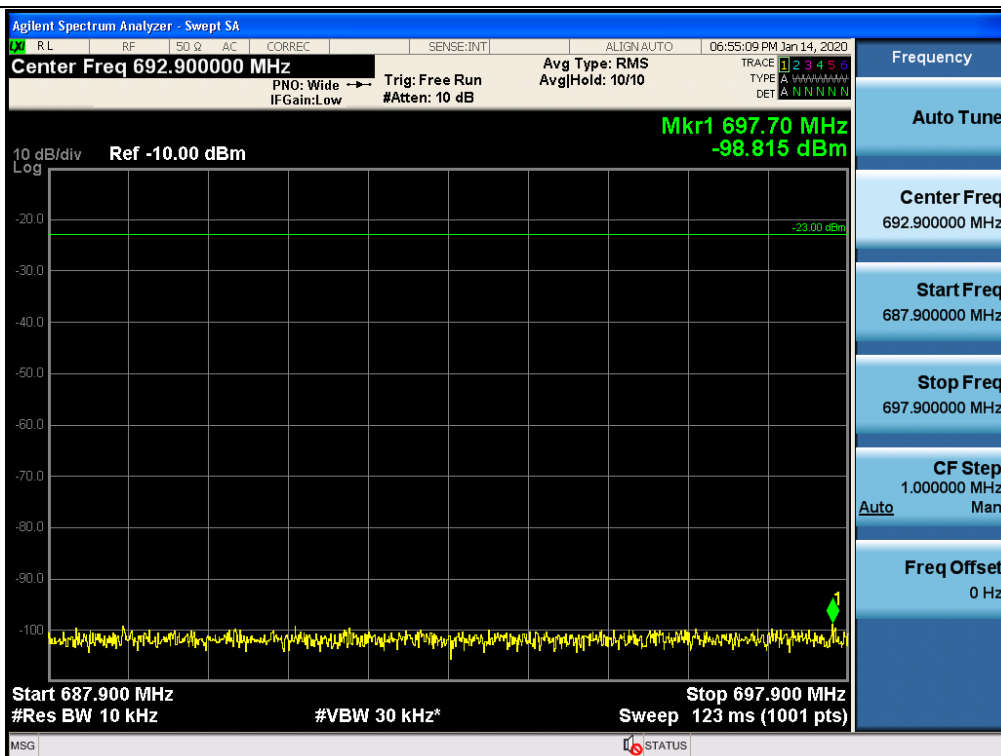
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Middle / 150 kHz ~ 30 MHz



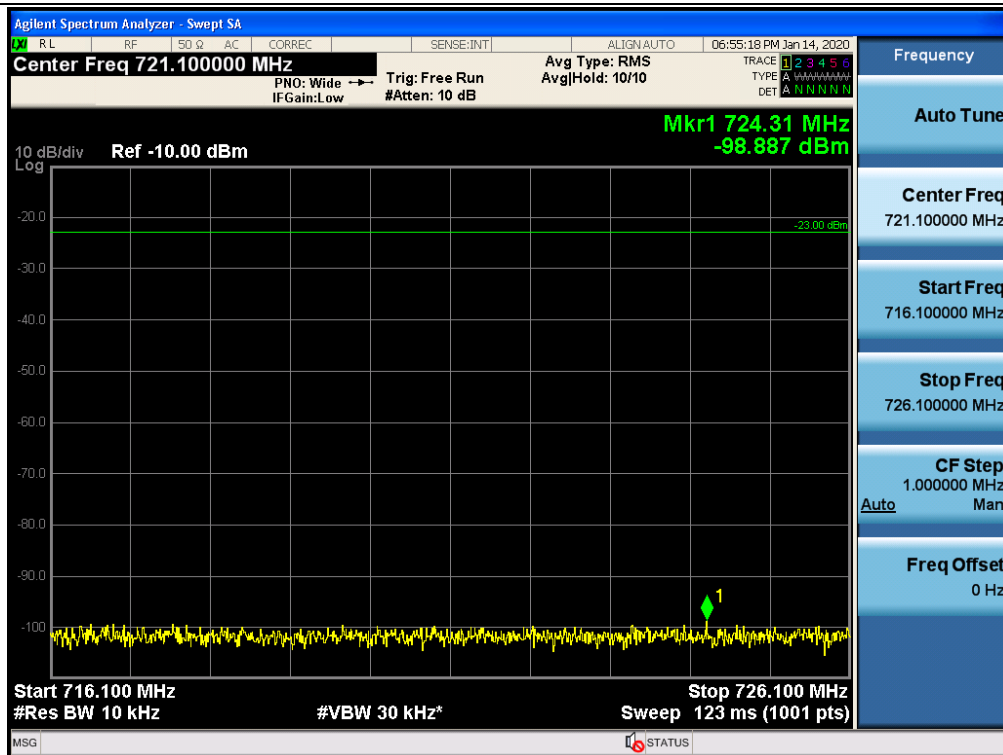
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Middle / 30 MHz ~ Low Edge -110 kHz



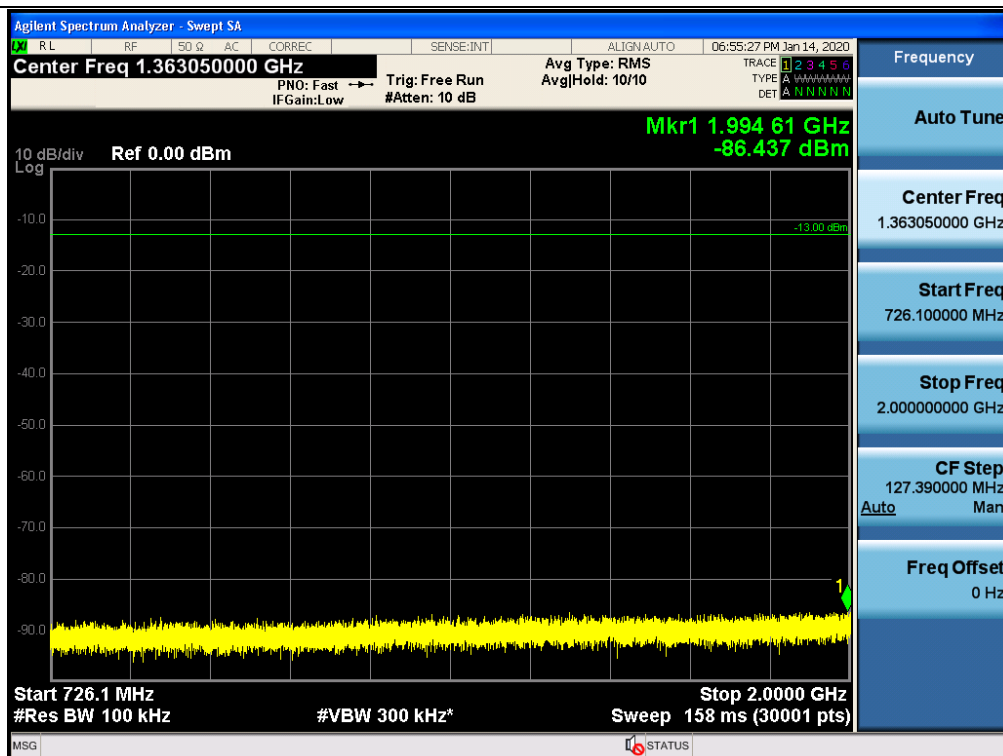
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Middle / Low Edge - 110 kHz ~ Low Edge - 10 kHz



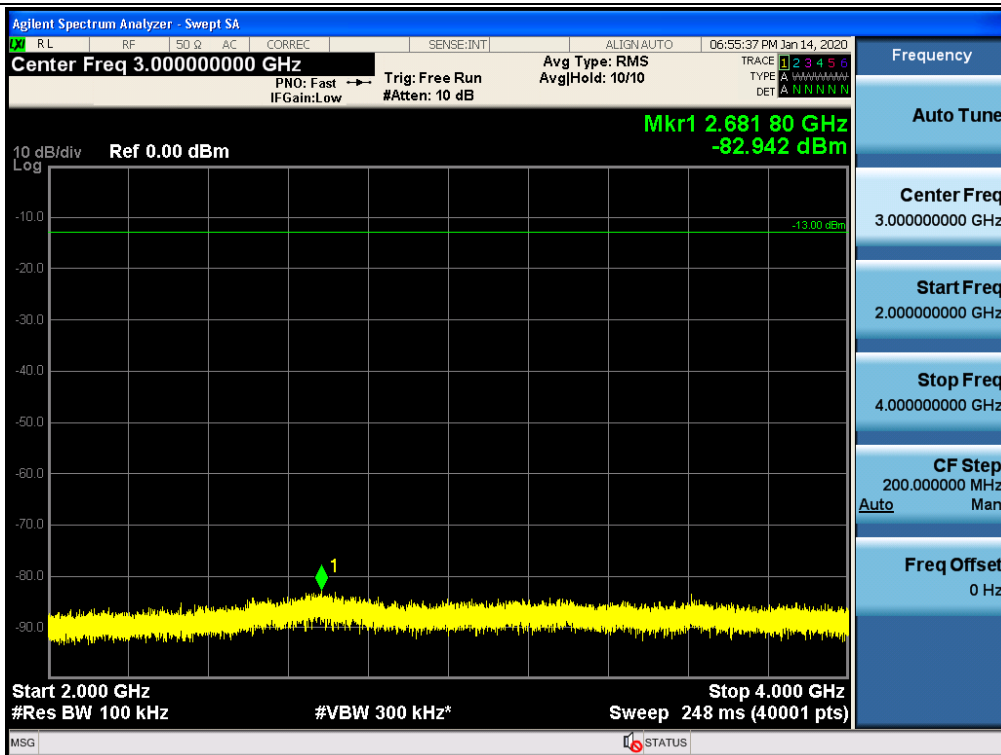
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Middle / High Edge + 10 kHz ~ High Edge + 110 kHz



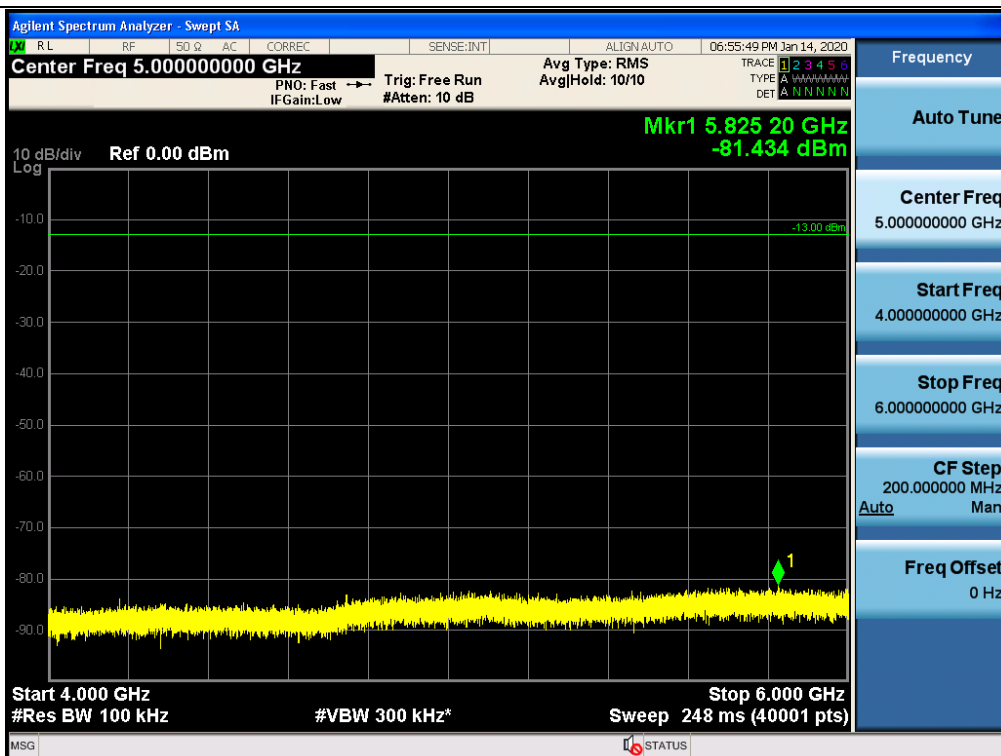
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Middle / High Edge + 110 kHz ~ 1 GHz (10 GHz)



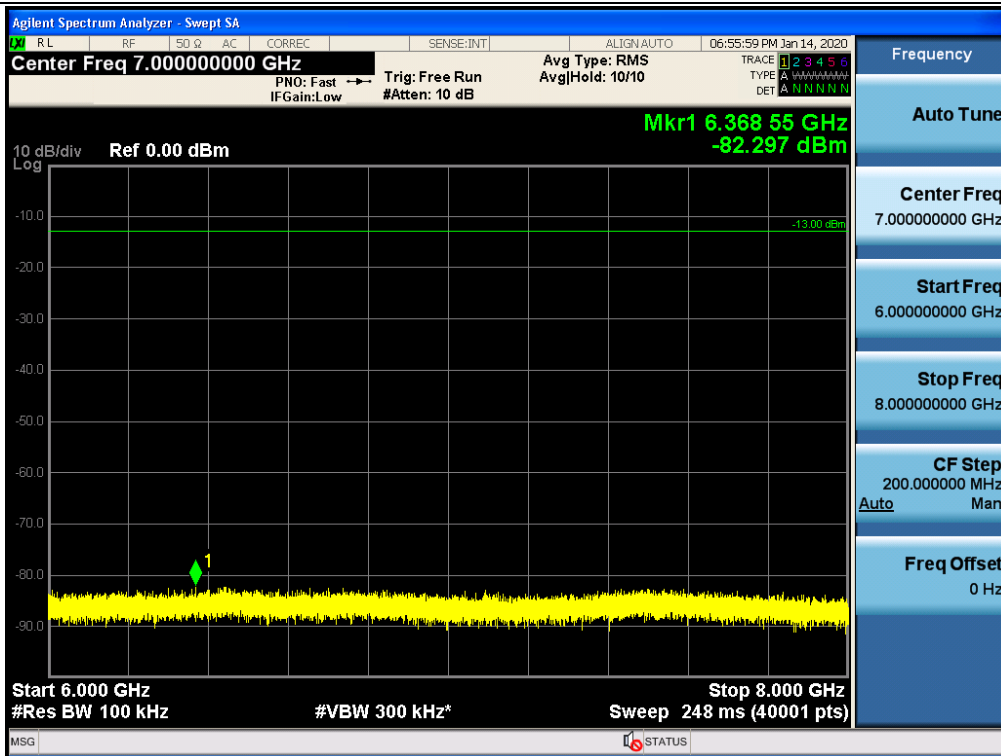
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Middle / 1 GHz ~ 10 GHz (2 GHz ~ 4 GHz)



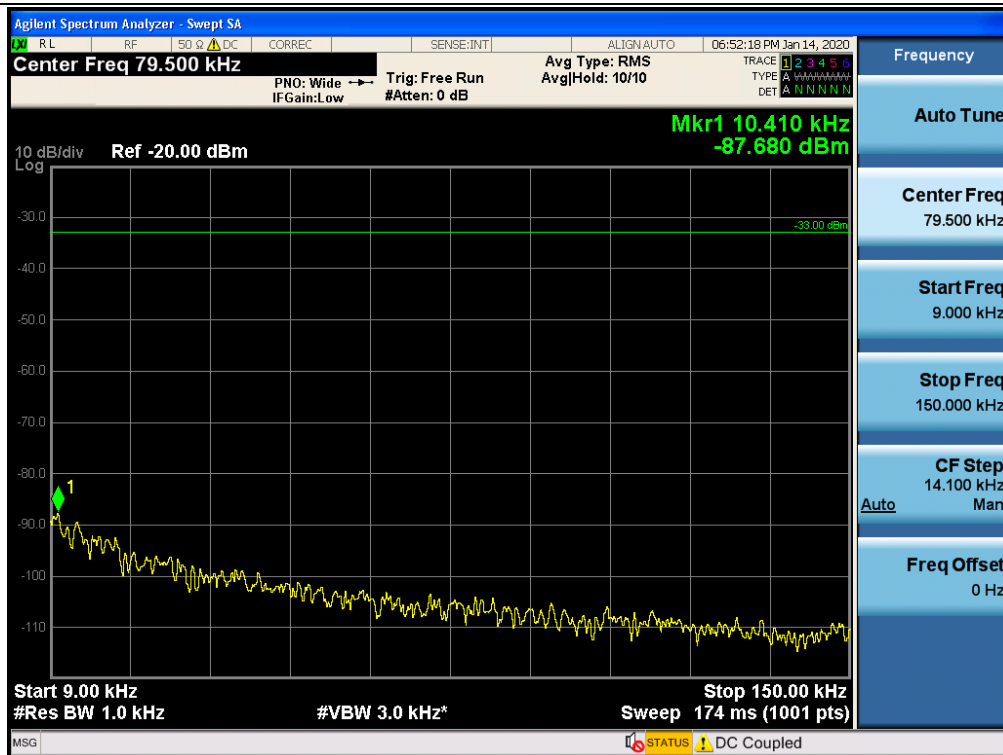
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Middle / 4 GHz ~ 6 GHz



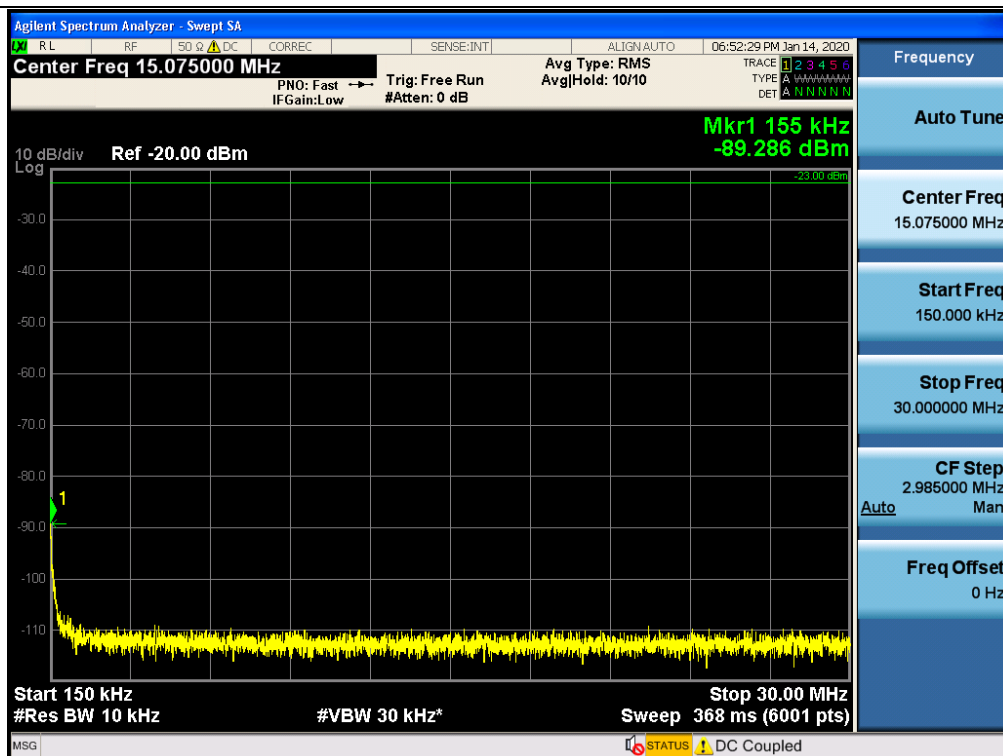
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Middle / 6 GHz ~ 8 GHz



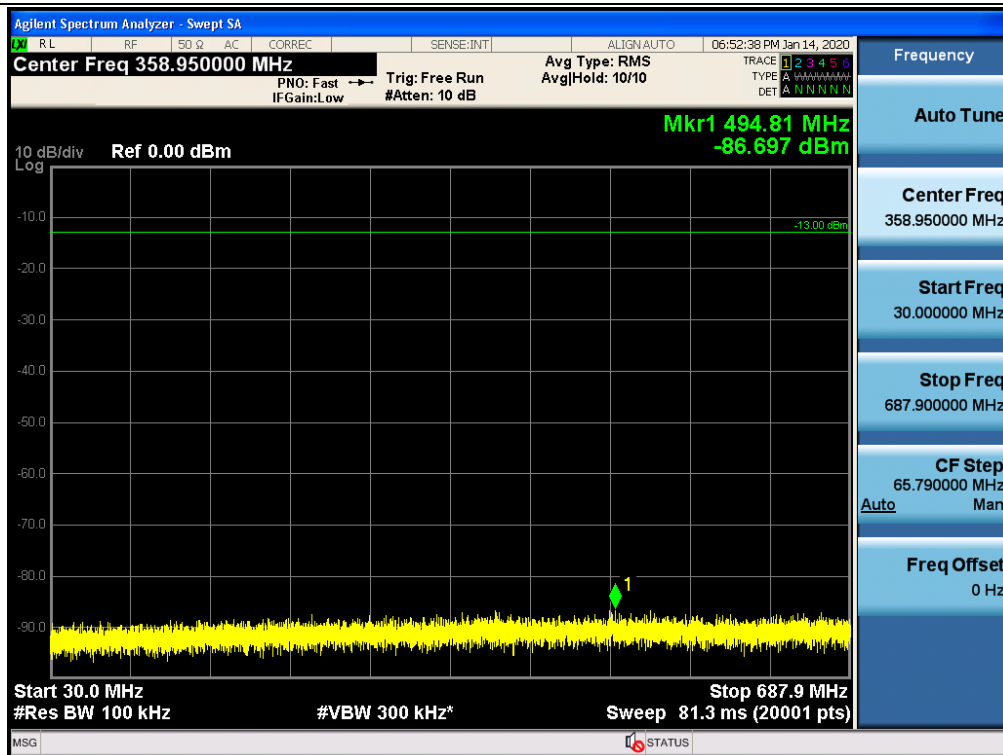
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / High / 9 kHz ~ 150 kHz



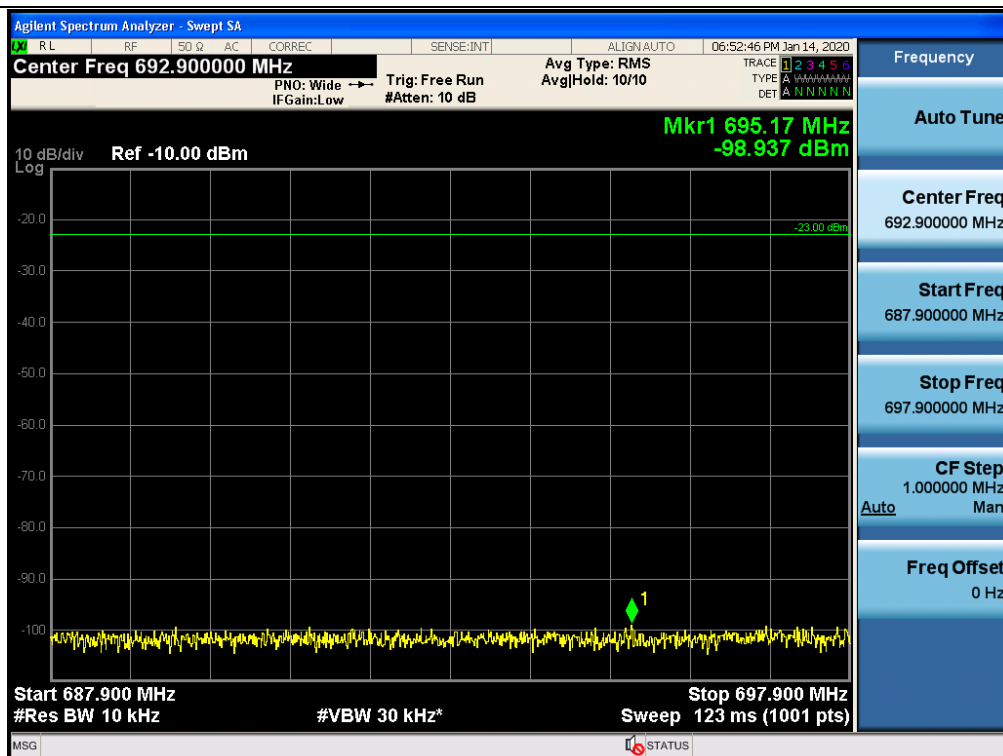
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / High / 150 kHz ~ 30 MHz



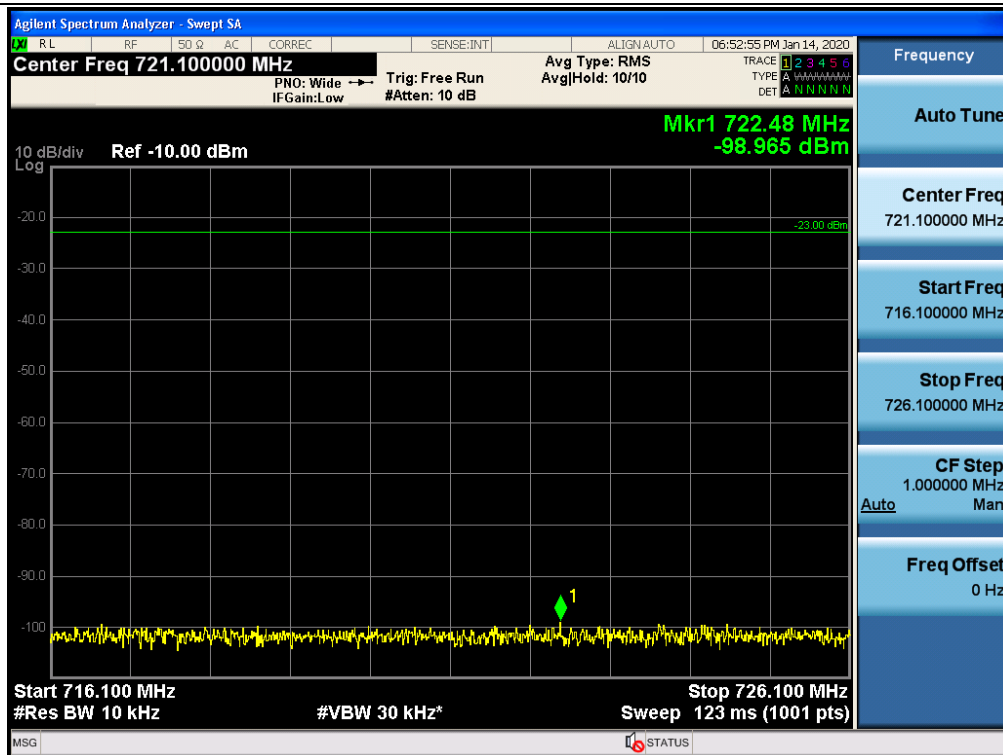
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / High / 30 MHz ~ Low Edge -110 kHz



Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / High / Low Edge - 110 kHz ~ Low Edge - 10 kHz



Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / High / High Edge + 10 kHz ~ High Edge + 110 kHz



Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / High / High Edge + 110 kHz ~ 1 GHz (10 GHz)

