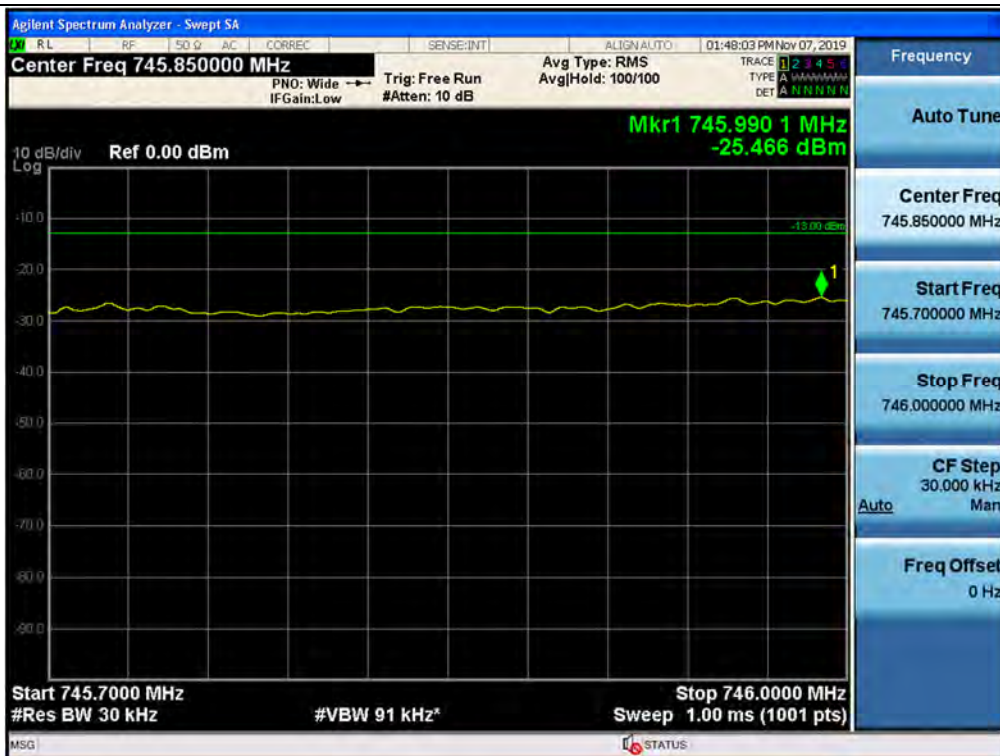


Out-of-band (two adjacent test signals) / Upper 700 MHz / Downlink / LTE 10 MHz / Upper



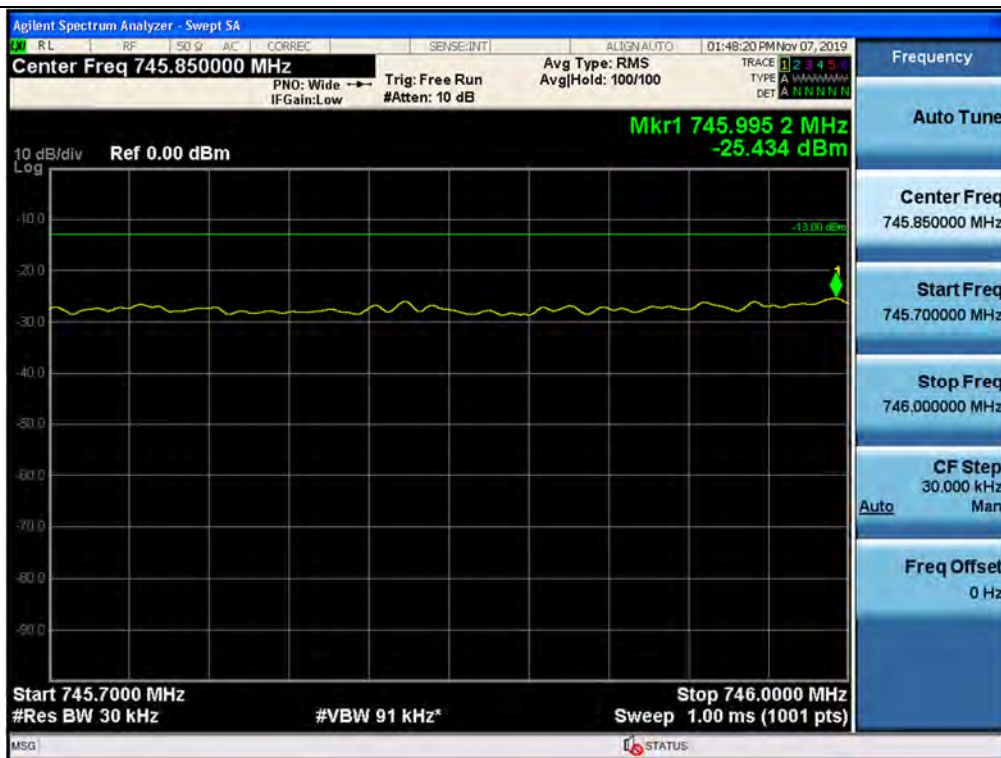
Out-of-band (two adjacent test signals) / Upper 700 MHz / Downlink / LTE 10 MHz / Lower



+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 W W W W W W W
DET A N N N N N N

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

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 IF Gain: Low Trig: Free Run Avg Type: RMS Avg/Hold: 100/100

TRACE 1 2 3 4 C TYPE A WWWWMM DET A NNNNN

10 dB/div Ref 0.00 dBm

Mkr1 861.998 5 MHz
-18.849 dBm

-13.00 dBm

Start 861.7000 MHz Stop 862.0000 MHz

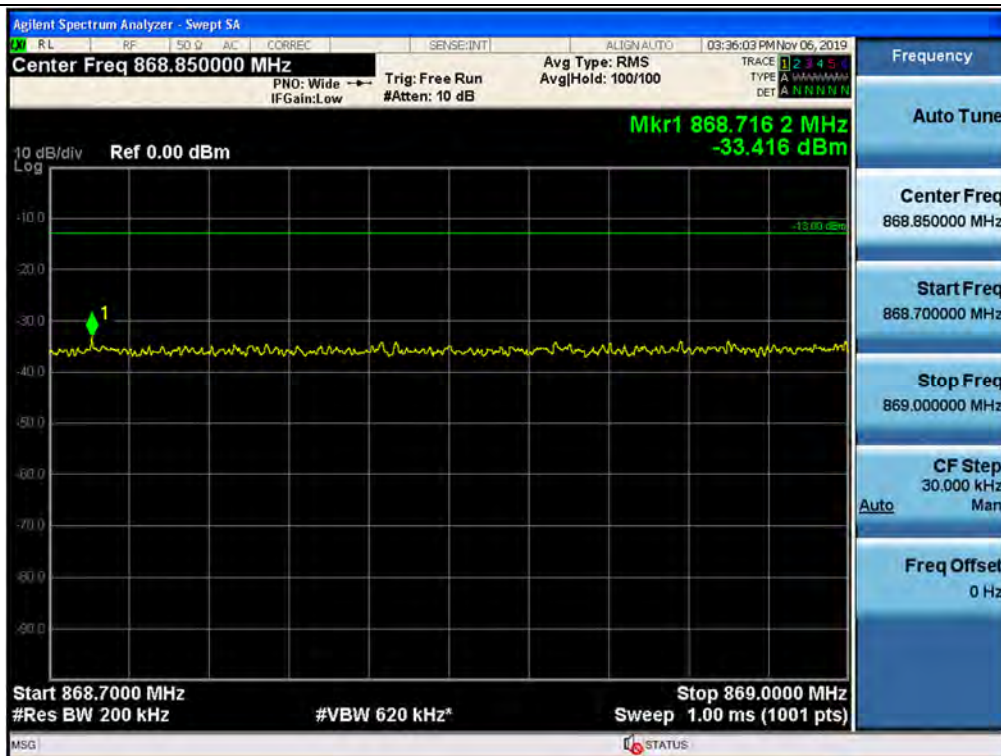
#Res BW 100 kHz #VBW 300 kHz* Sweep 1.00 ms (1001 pts)

MSG STATUS

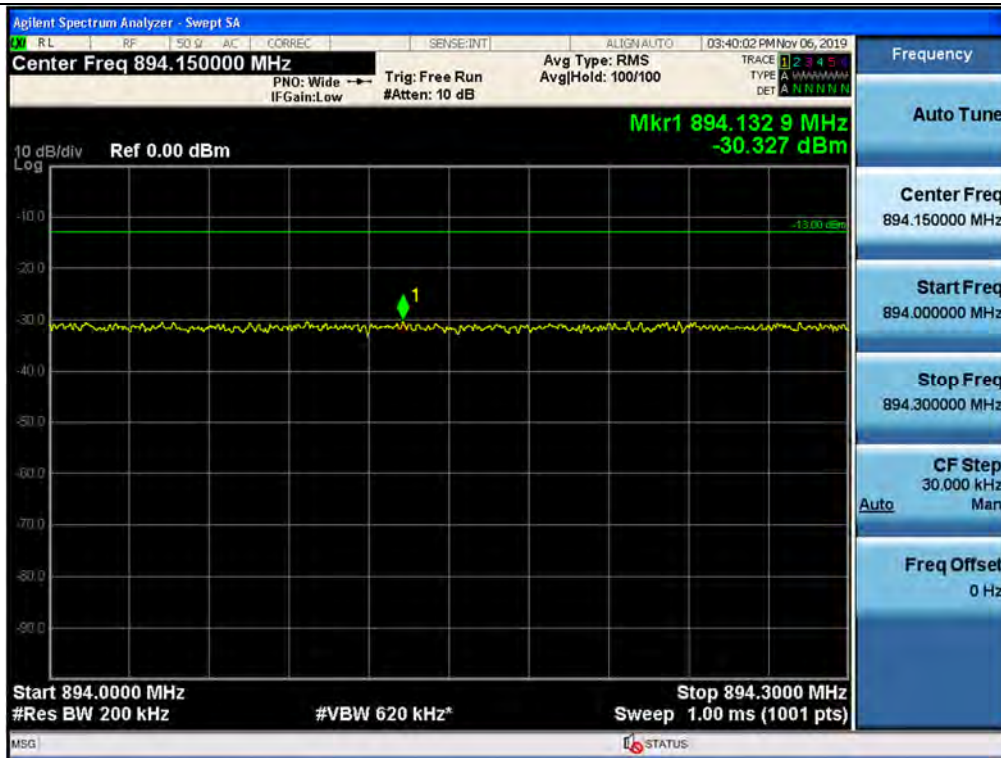
Out-of-band (two adjacent test signals) / Cellular / Downlink / LTE 20 MHz / Upper



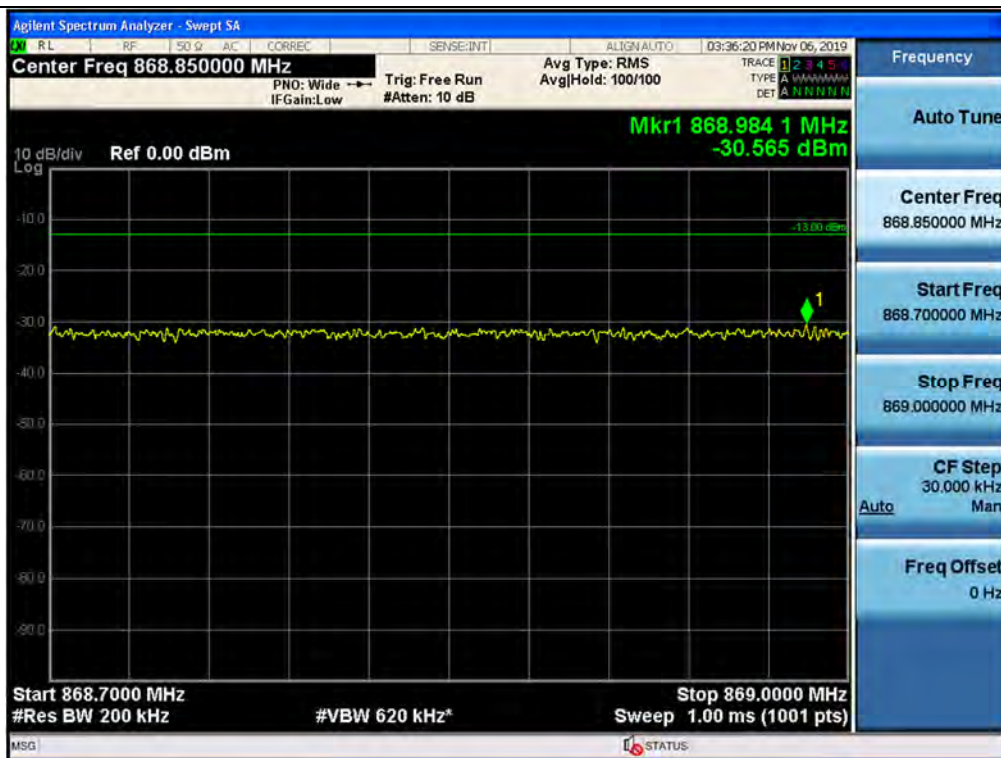
Out-of-band (two adjacent test signals) / Cellular / Downlink / LTE 20 MHz / Lower



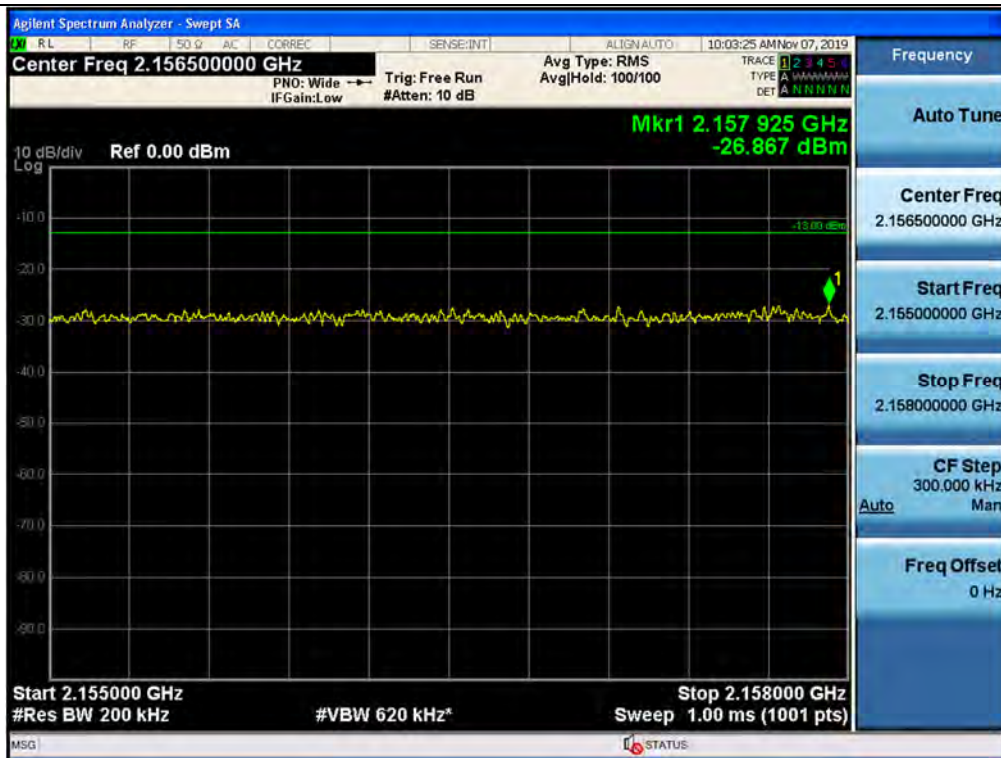
+3 dB above Out-of-band (two adjacent test signals) / Cellular / Downlink / LTE 20 MHz / Upper



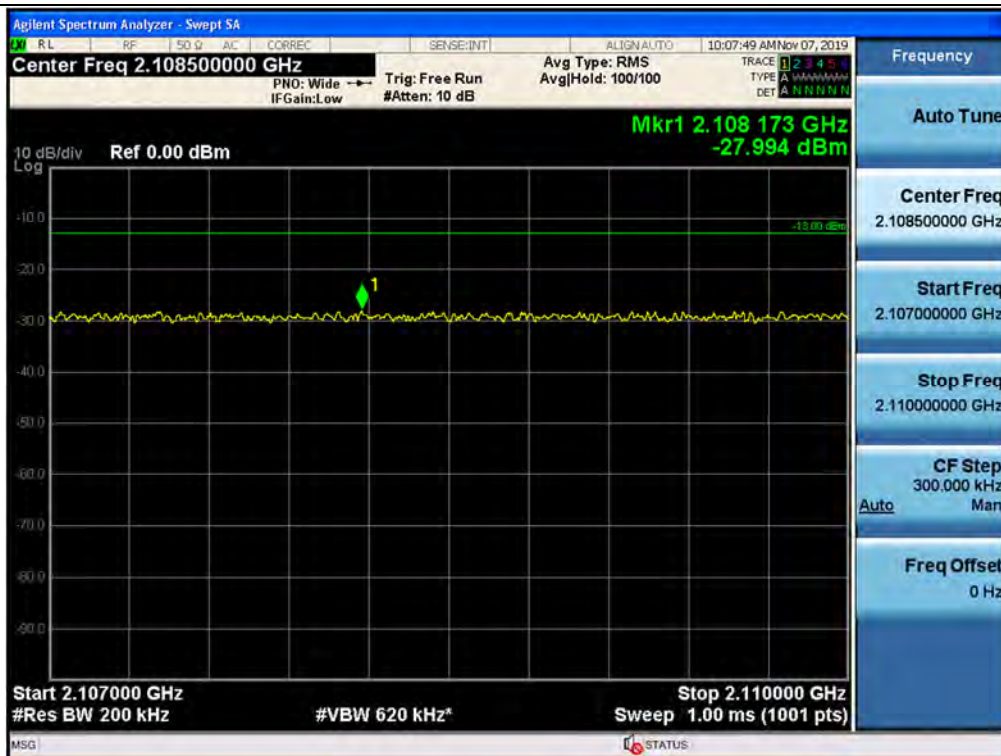
+3 dB above Out-of-band (two adjacent test signals) / Cellular / Downlink / LTE 20 MHz / Lower



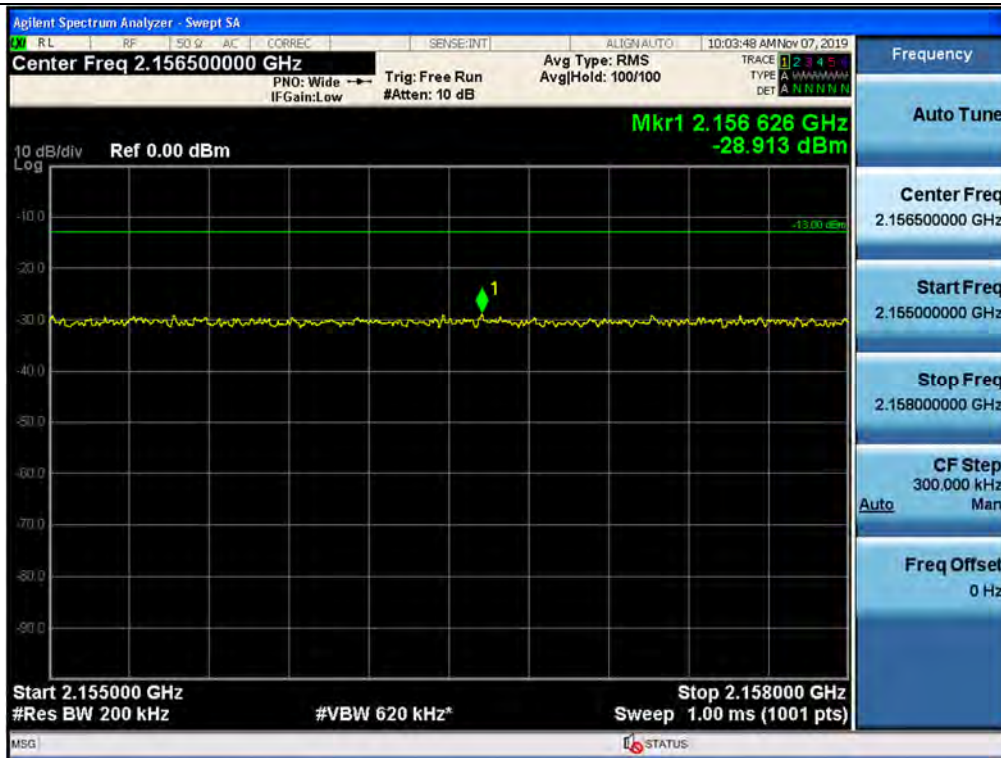
Out-of-band (two adjacent test signals) / AWS-1 / Downlink / LTE 20 MHz / Upper



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



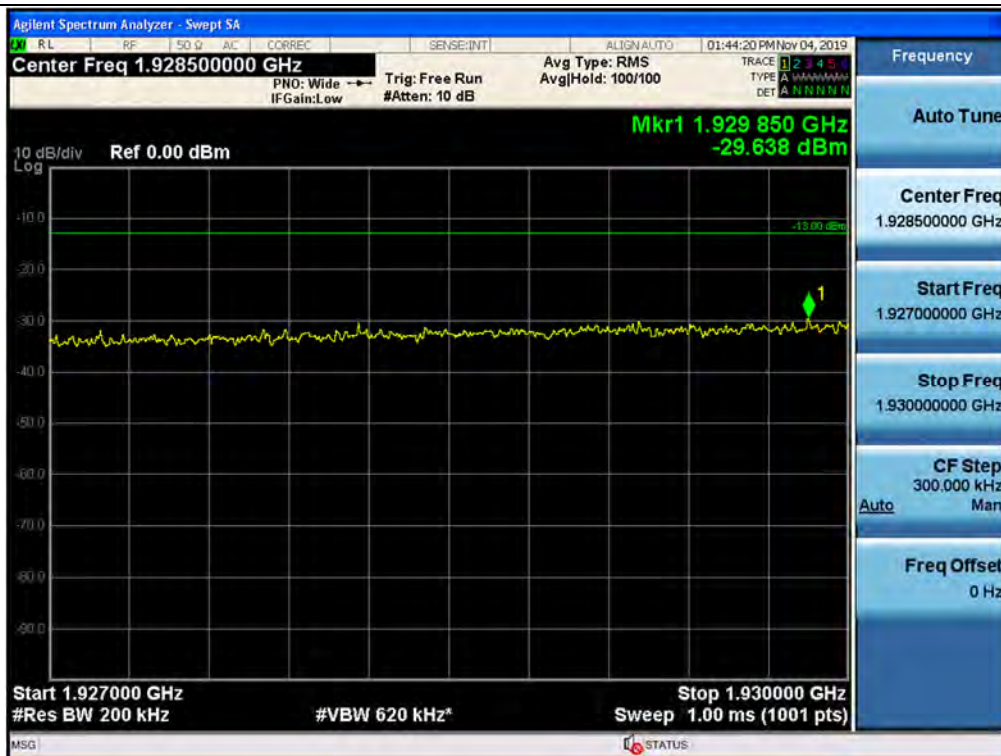
+3 dB above Out-of-band (two adjacent test signals) / AWS-1 / Downlink / LTE 20 MHz / Lower



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



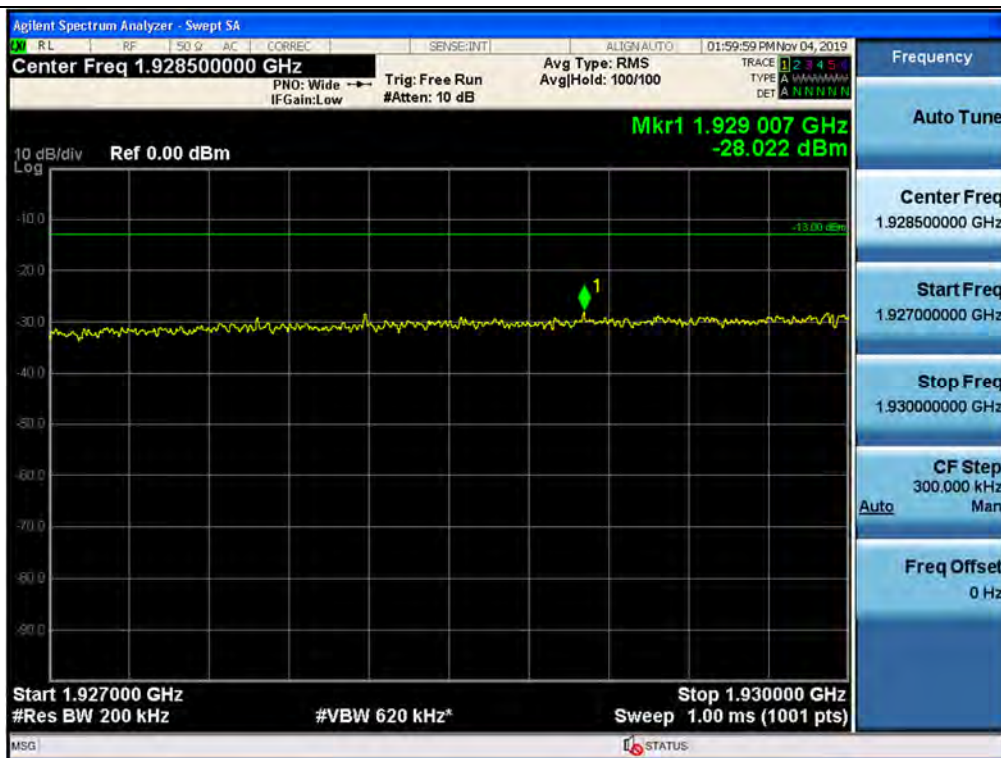
Out-of-band (two adjacent test signals) / Broadband PCS / Downlink / LTE 20 MHz / Lower



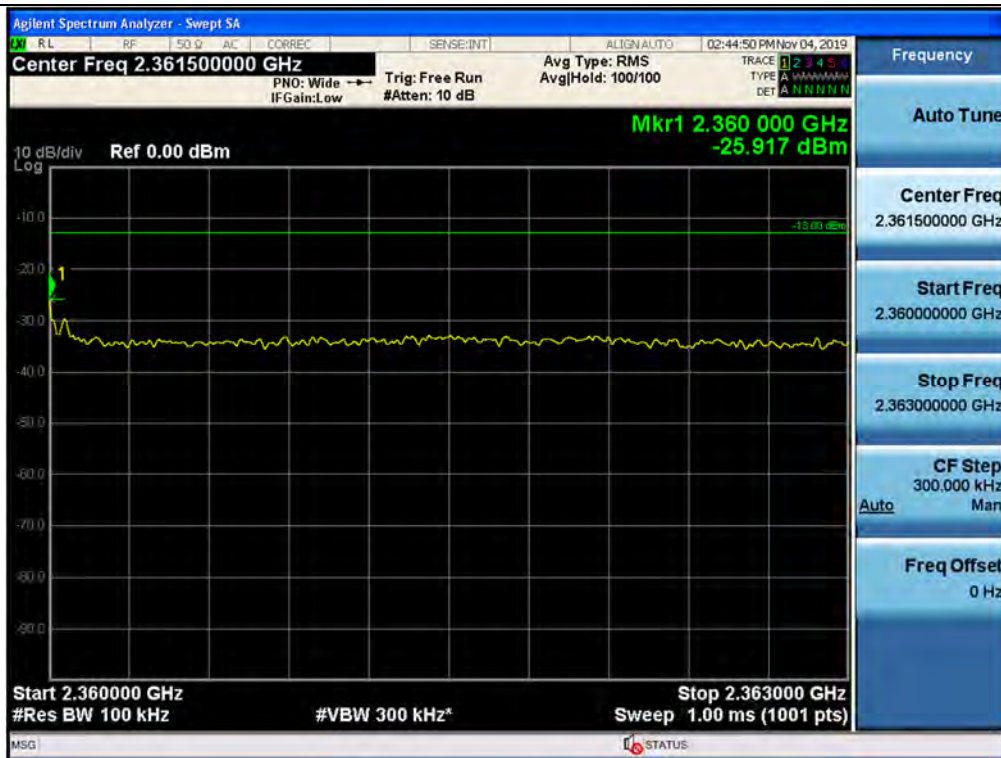
+3 dB above Out-of-band (two adjacent test signals) / Broadband PCS / Downlink / LTE 20 MHz / Upper



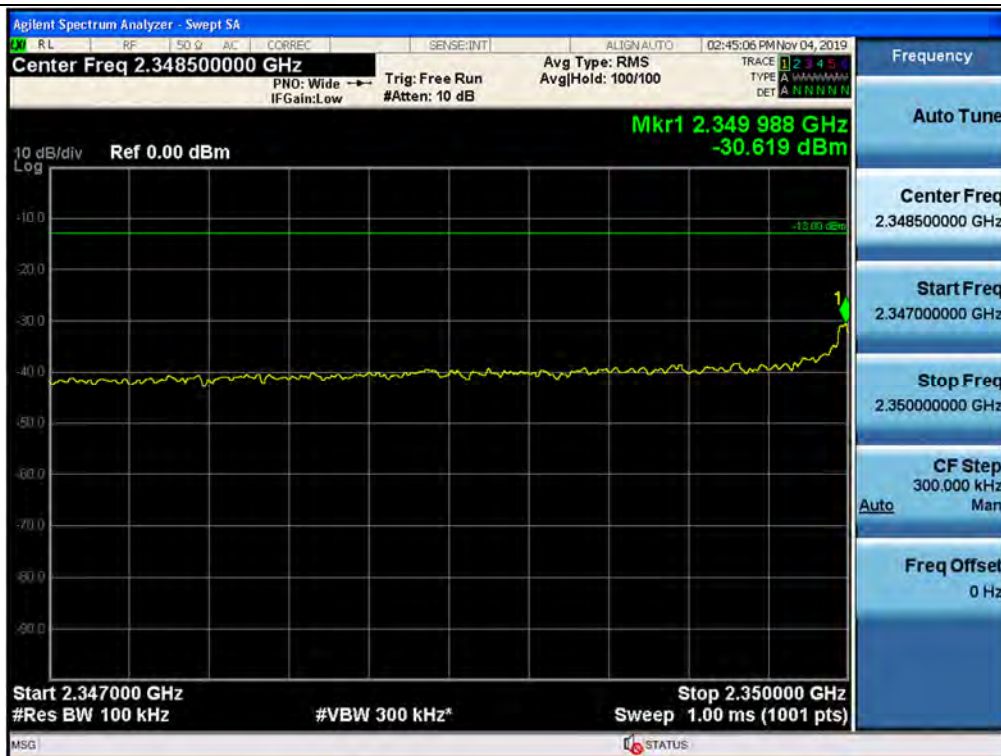
+3 dB above Out-of-band (two adjacent test signals) / Broadband PCS / Downlink / LTE 20 MHz / Lower



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



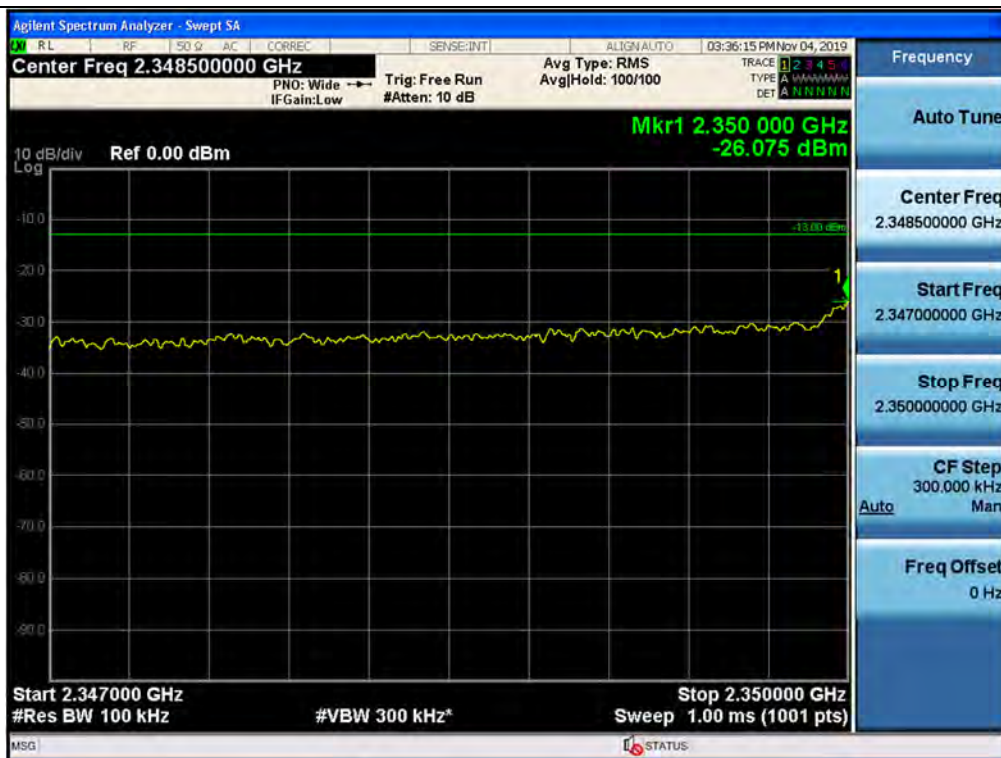
Out-of-band (two adjacent test signals) / WCS / Downlink / LTE 10 MHz / Lower



+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.

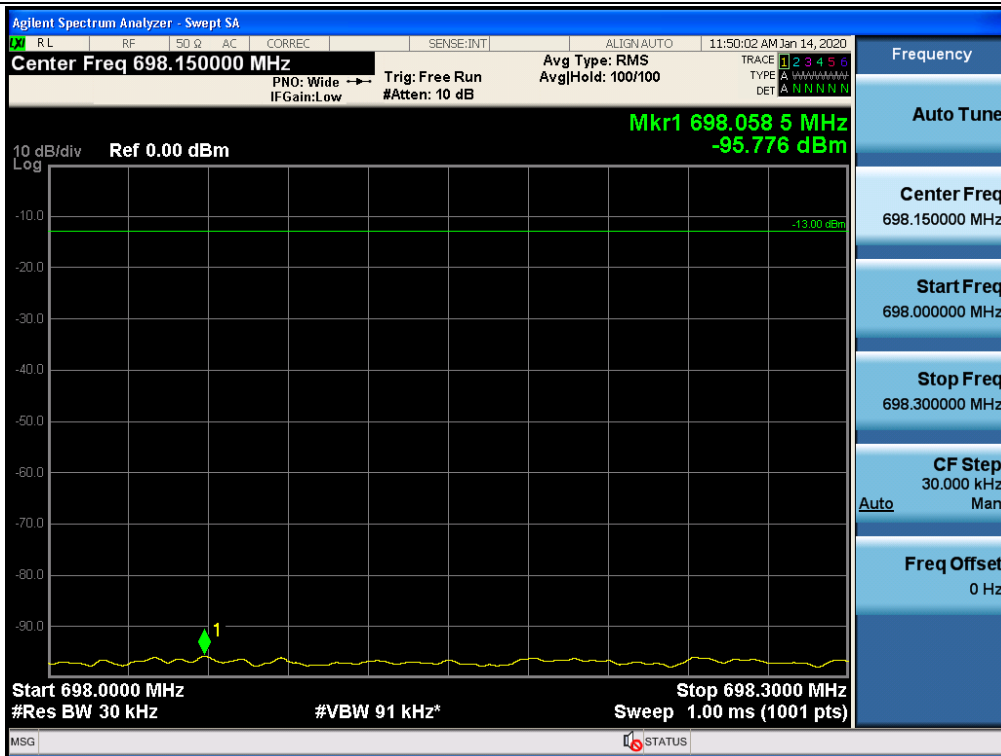
+3 dB above Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / 5G NR 80M / Upper

*This device operate maxiimum 80 MHz bandwidth.

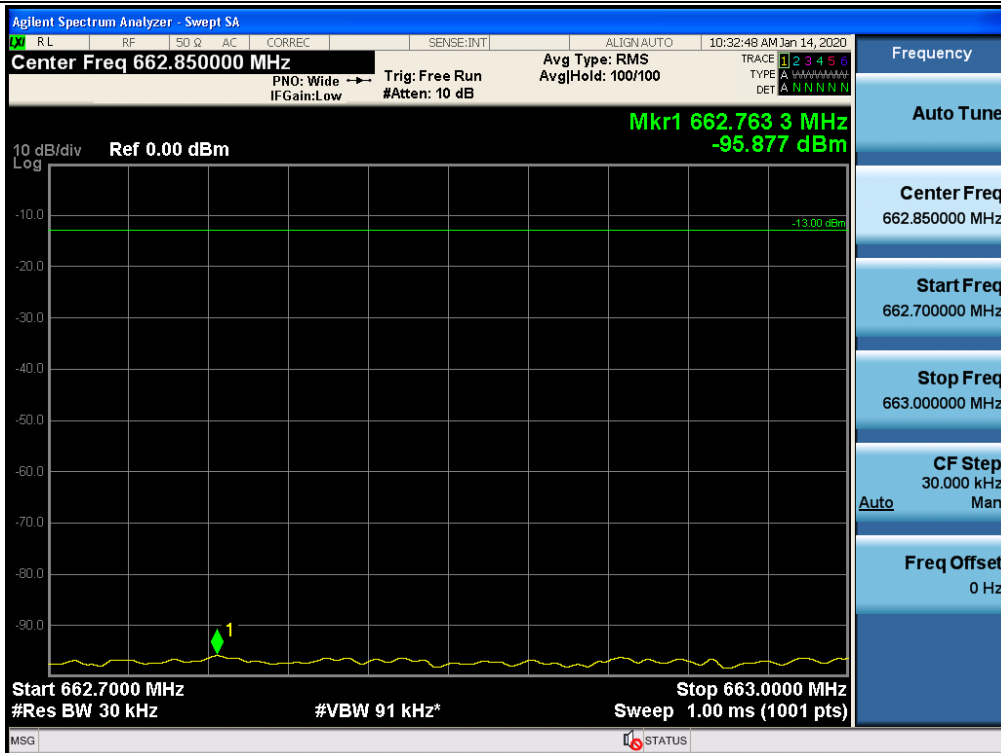
+3 dB above Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / 5G NR 80M / Lower

*This device operate maxiimum 80 MHz bandwidth.

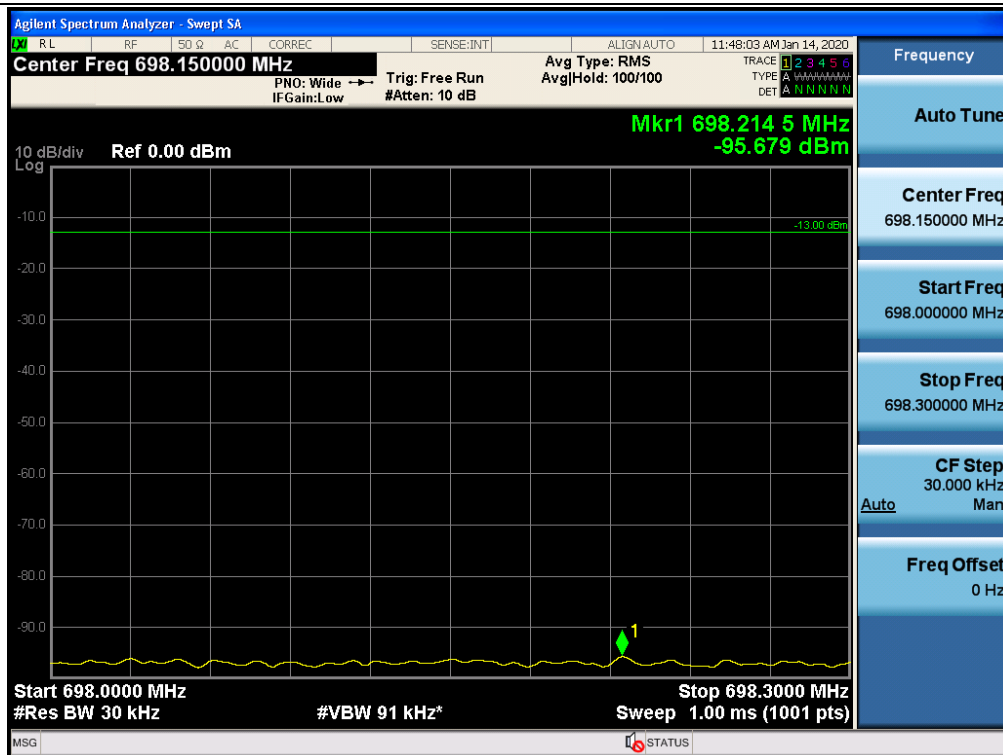
Out-of-band (single test signals) / 600 MHz / Uplink / LTE 20 MHz / Upper



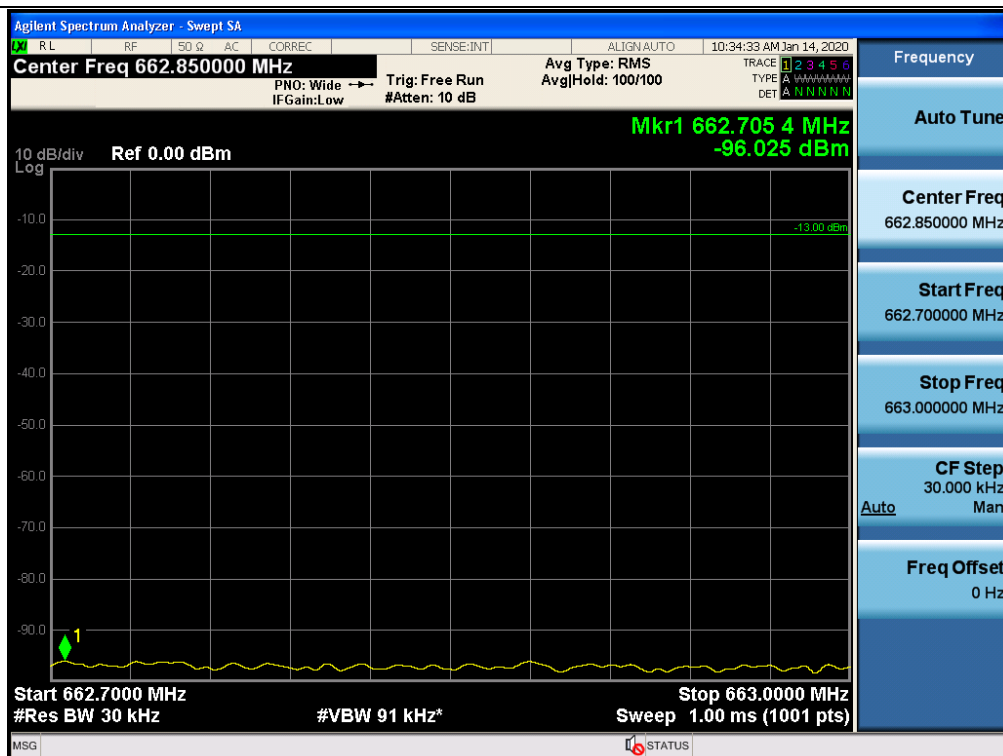
Out-of-band (single test signals) / 600 MHz / Uplink / LTE 20 MHz / Lower



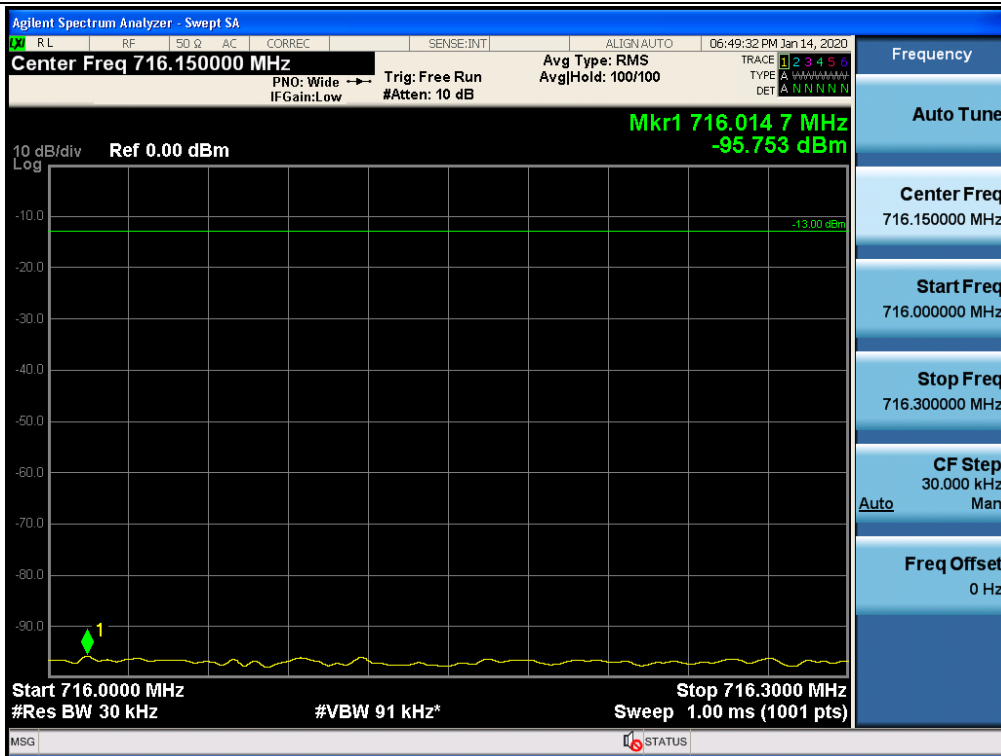
+3 dB above Out-of-band (single test signals) / 600 MHz / Uplink / LTE 20 MHz / Upper



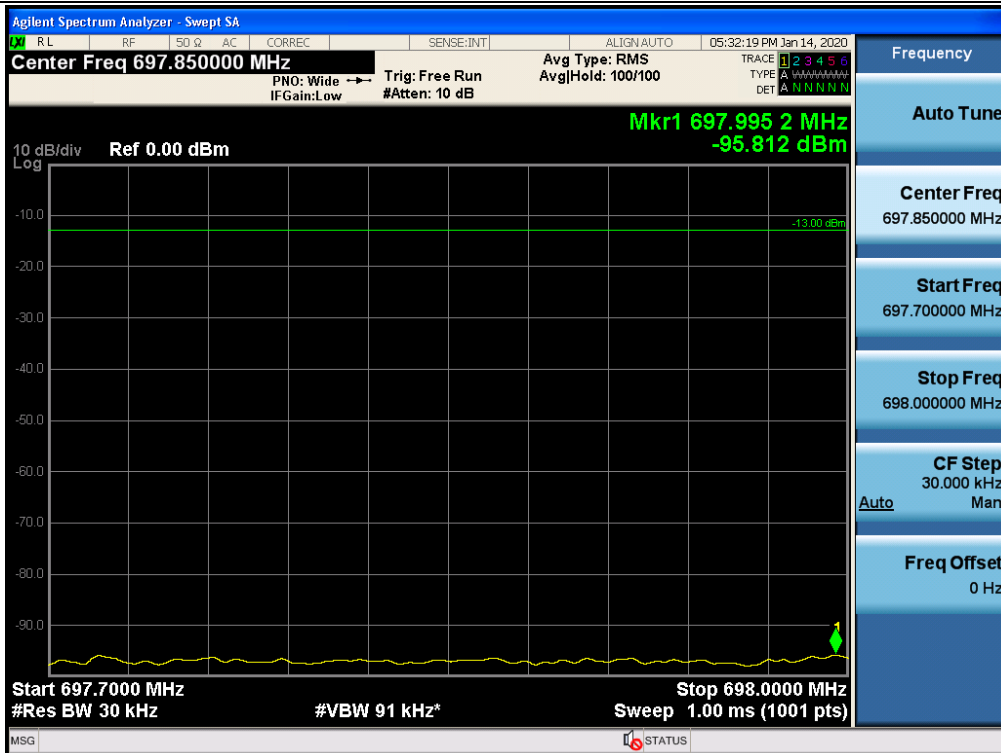
+3 dB above Out-of-band (single test signals) / 600 MHz / Uplink / LTE 20 MHz / Lower



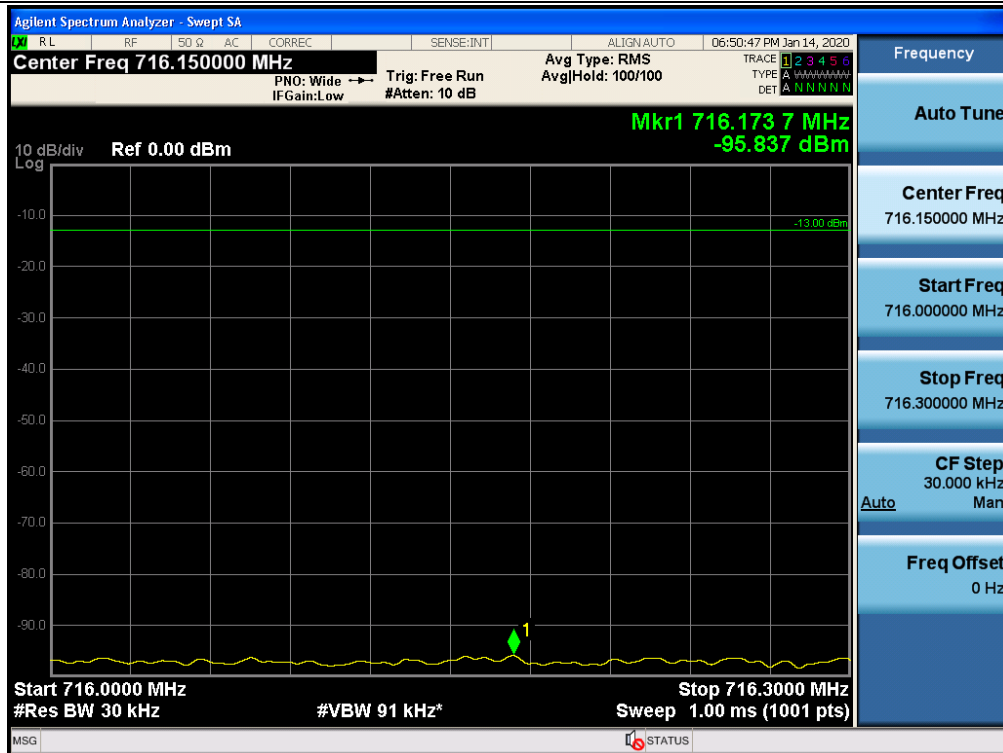
Out-of-band (single test signals) / Lower 700 MHz / Uplink / LTE 10 MHz / Upper



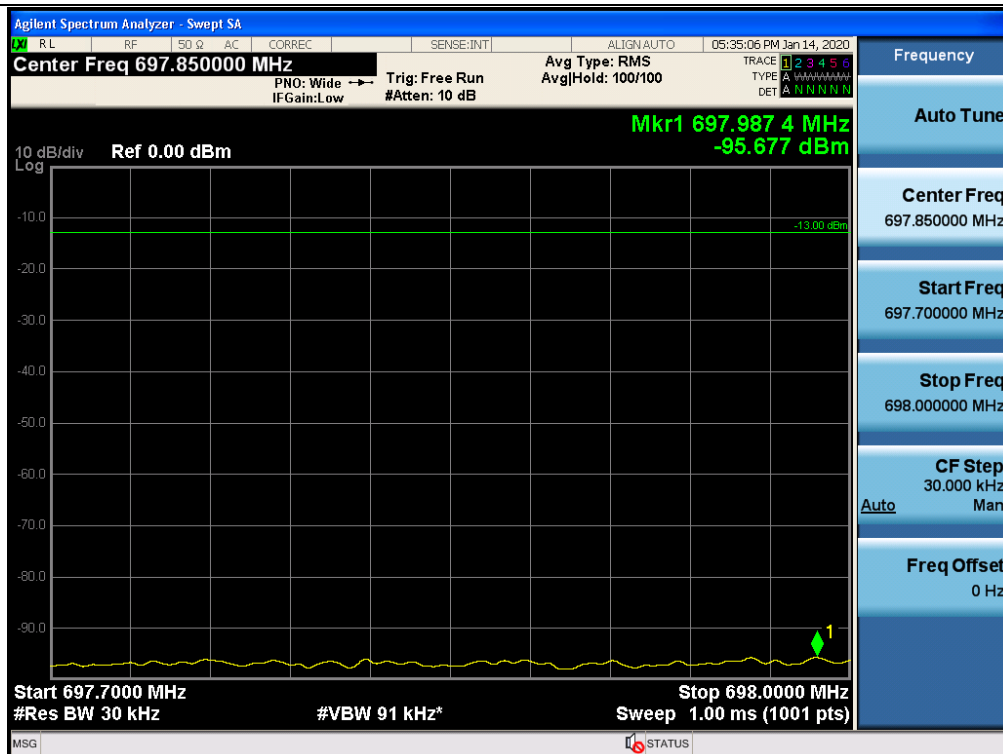
Out-of-band (single test signals) / Lower 700 MHz / Uplink / LTE 10 MHz / Lower



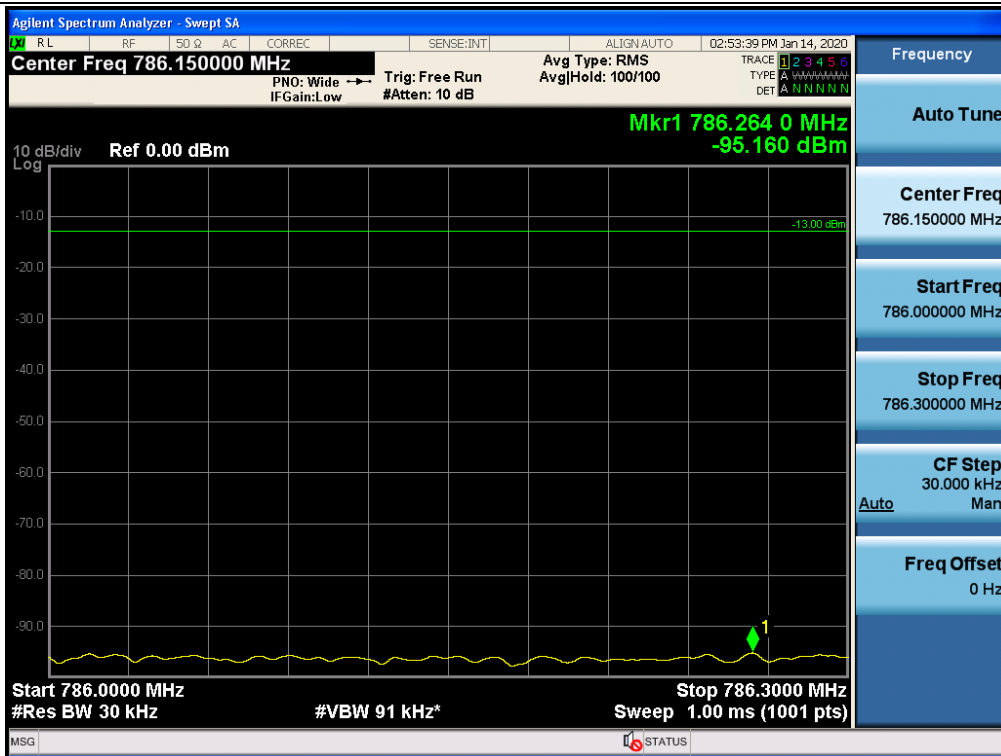
+3 dB above Out-of-band (single test signals) / Lower 700 MHz / Uplink / LTE 10 MHz / Upper



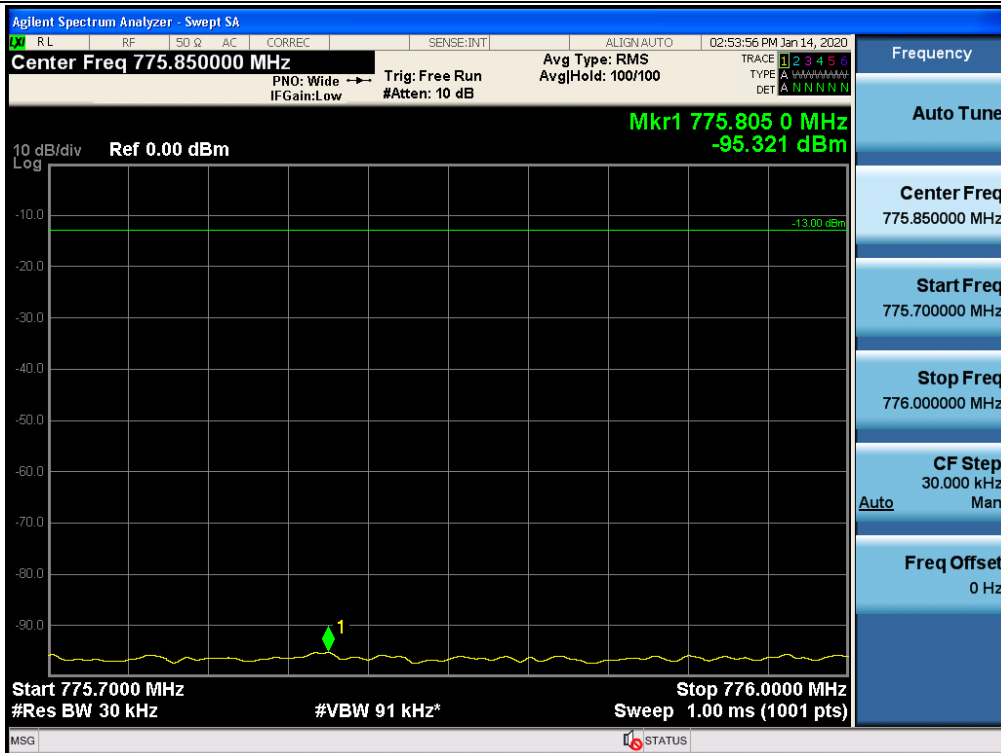
+3 dB above Out-of-band (single test signals) / Lower 700 MHz / Uplink / LTE 10 MHz / Lower



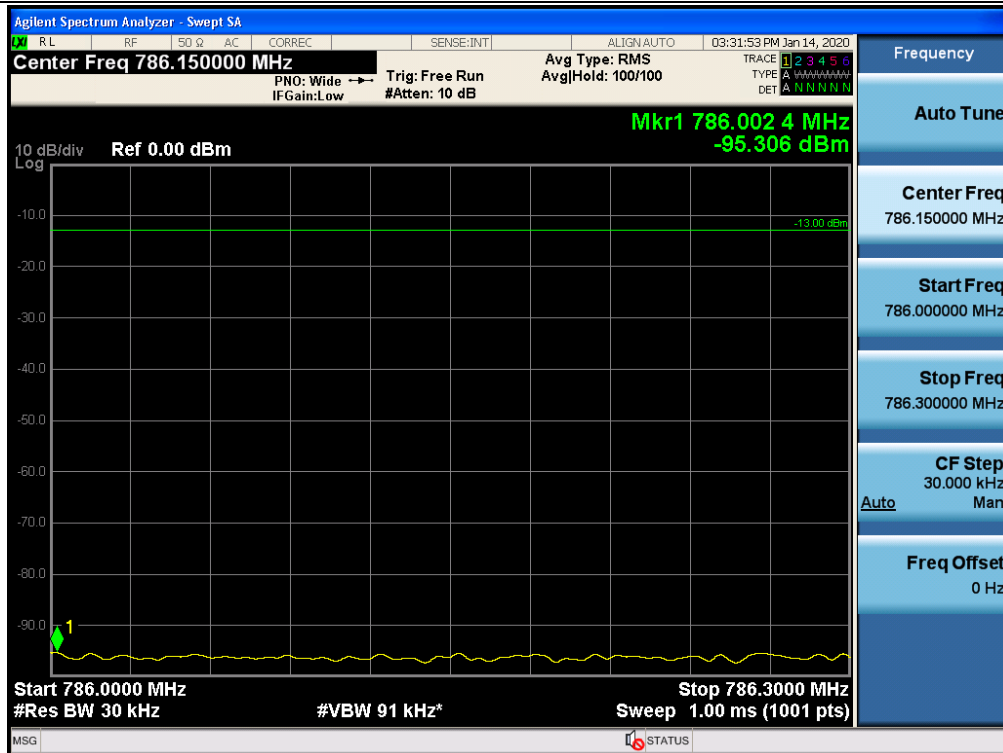
Out-of-band (single test signals) / Upper 700 MHz / Uplink / LTE 10 MHz / Upper



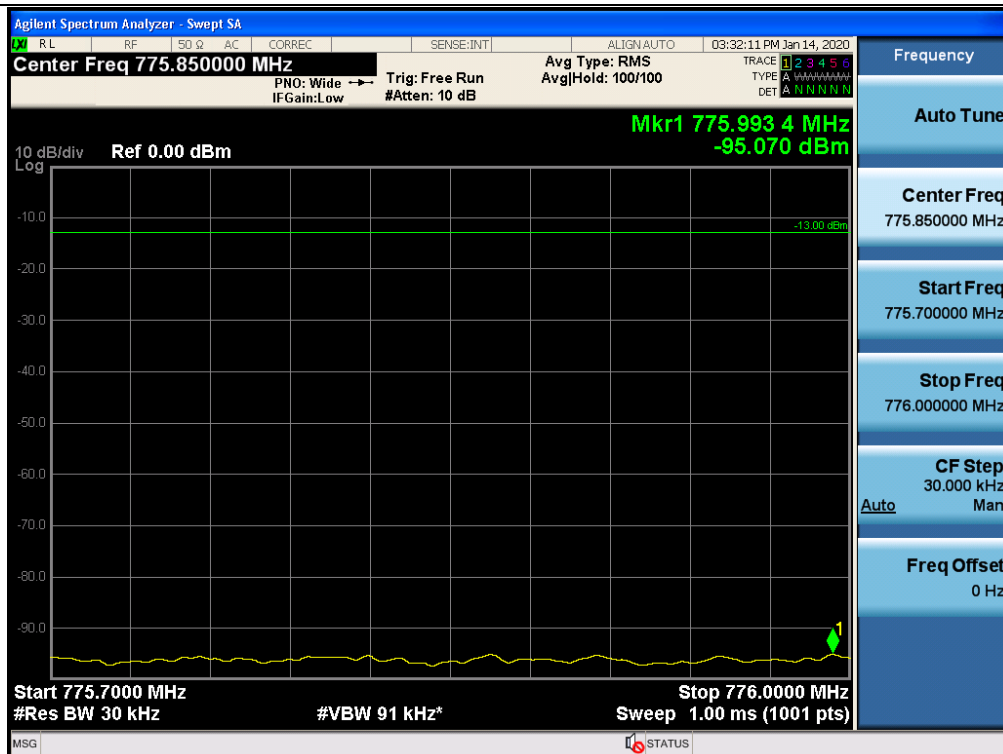
Out-of-band (single test signals) / Upper 700 MHz / Uplink / LTE 10 MHz / Lower



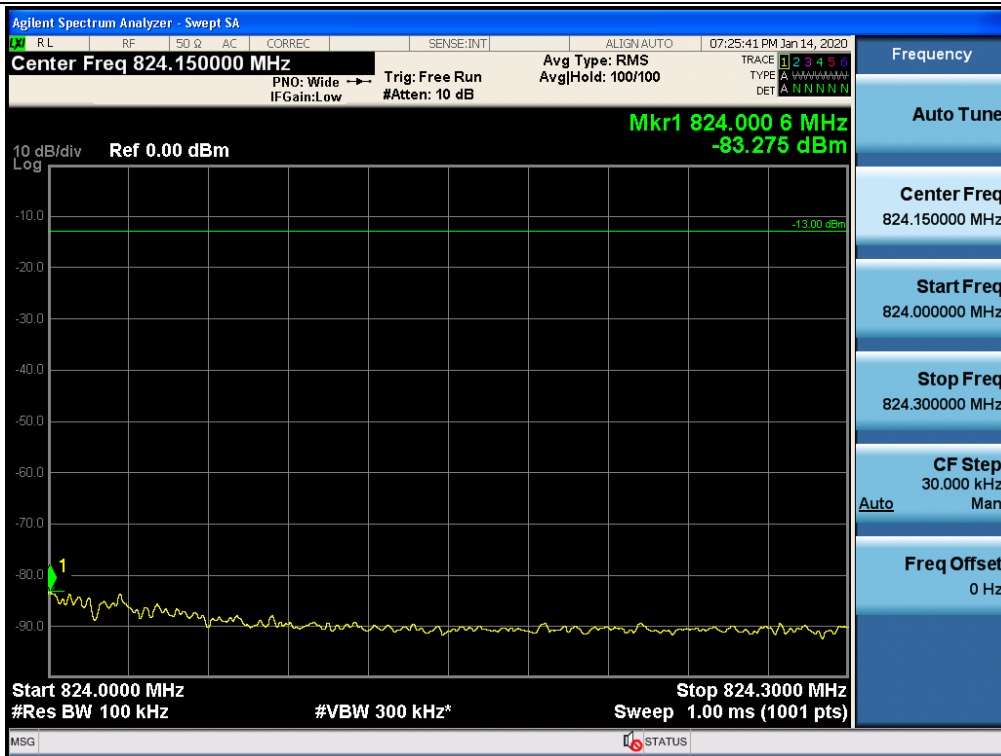
+3 dB above Out-of-band (single test signals) / Upper 700 MHz / Uplink / LTE 10 MHz / Upper



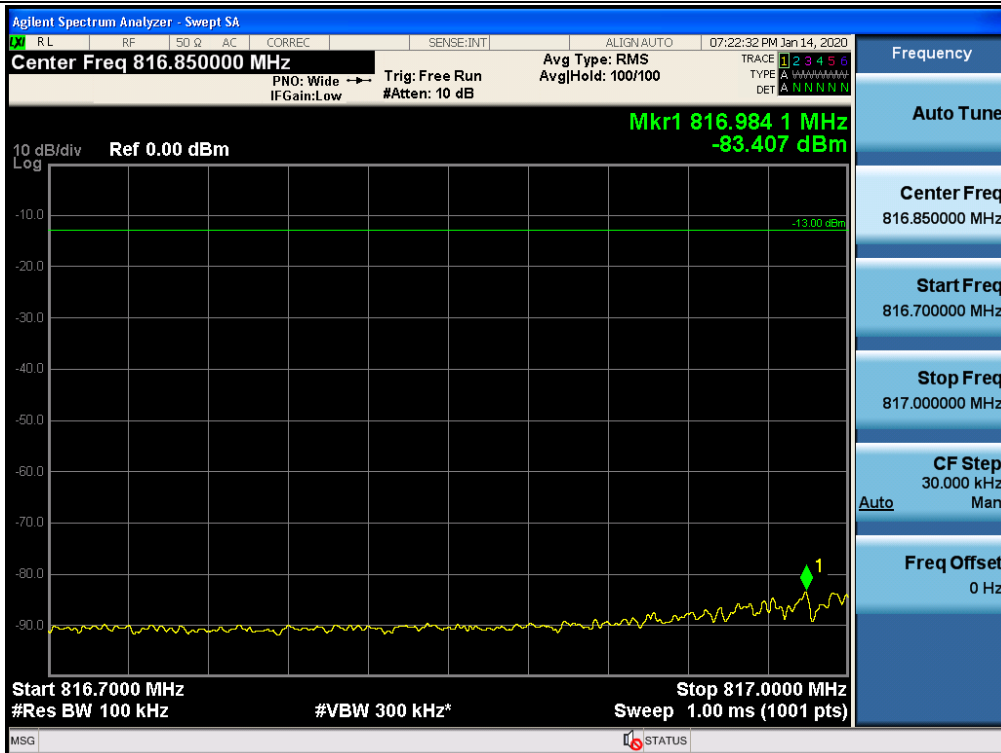
+3 dB above Out-of-band (single test signals) / Upper 700 MHz / Uplink / LTE 10 MHz / Lower



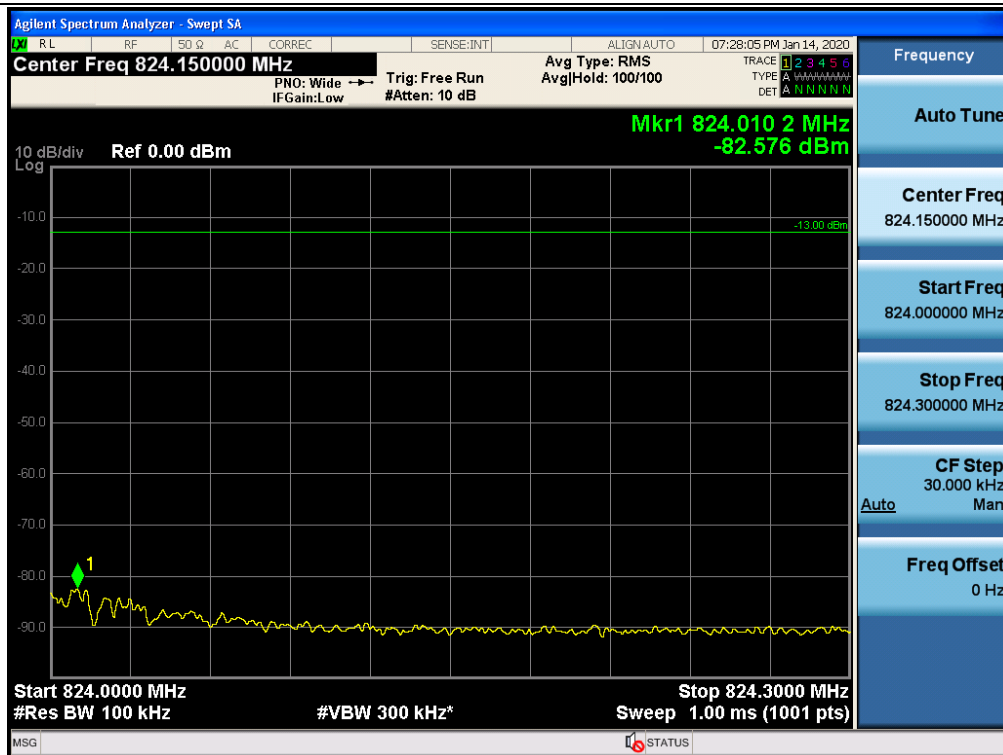
Out-of-band (single test signals) / ESMR / Uplink / LTE 5 MHz / Upper



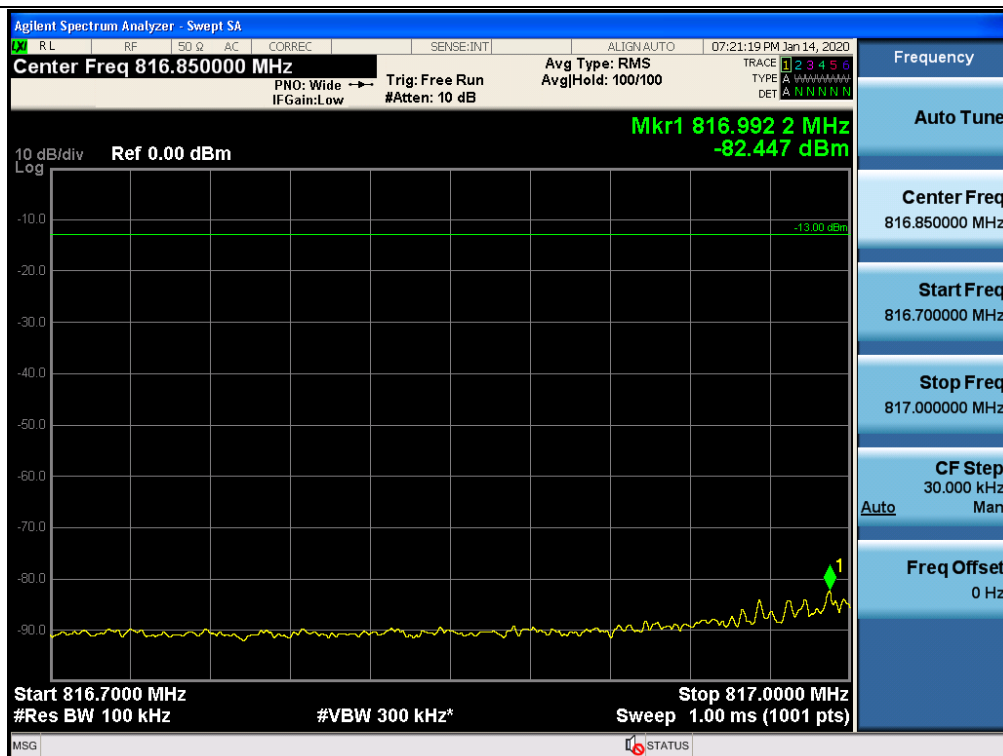
Out-of-band (single test signals) / ESMR / Uplink / LTE 5 MHz / Lower



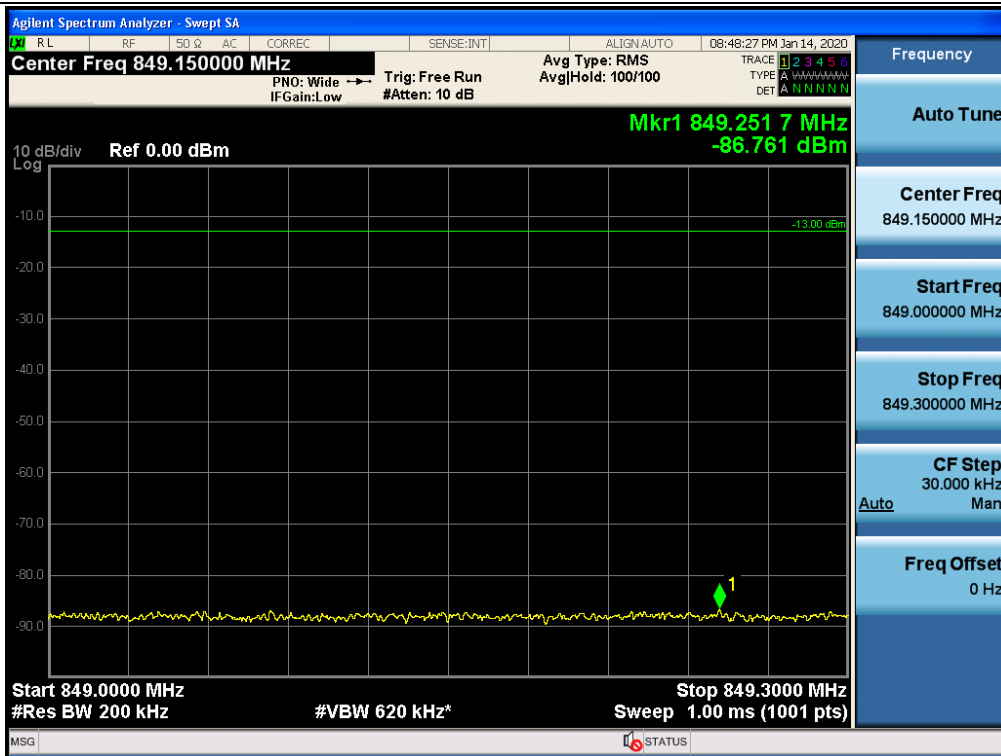
+3 dB above Out-of-band (single test signals) / ESMR / Uplink / LTE 5 MHz / Upper



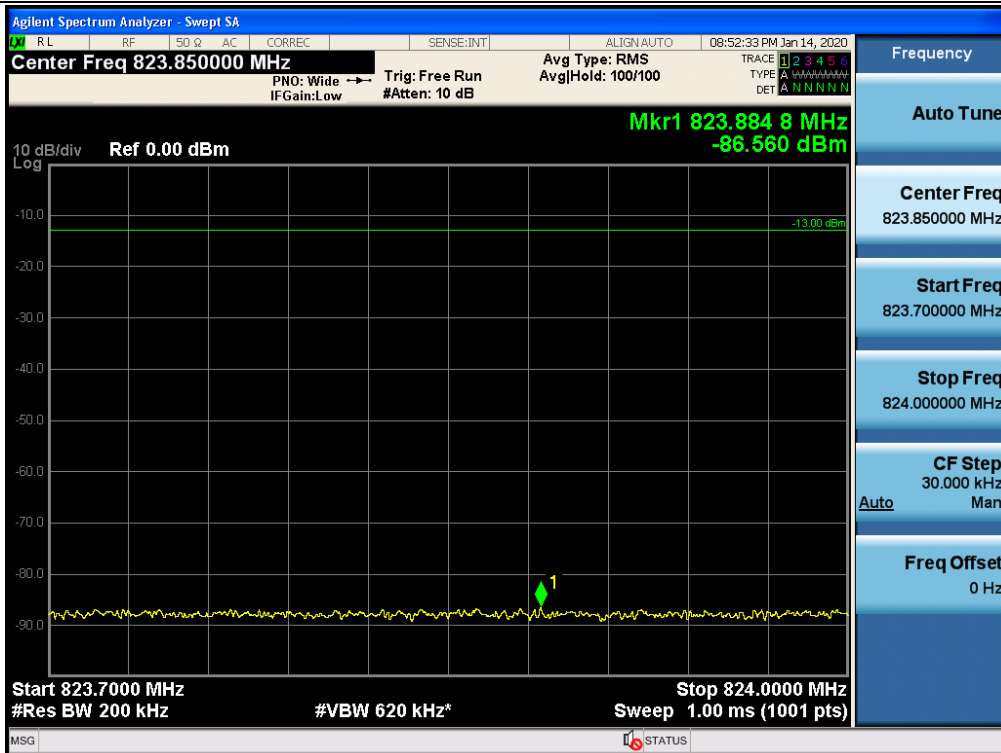
+3 dB above Out-of-band (single test signals) / ESMR / Uplink / LTE 5 MHz / Lower



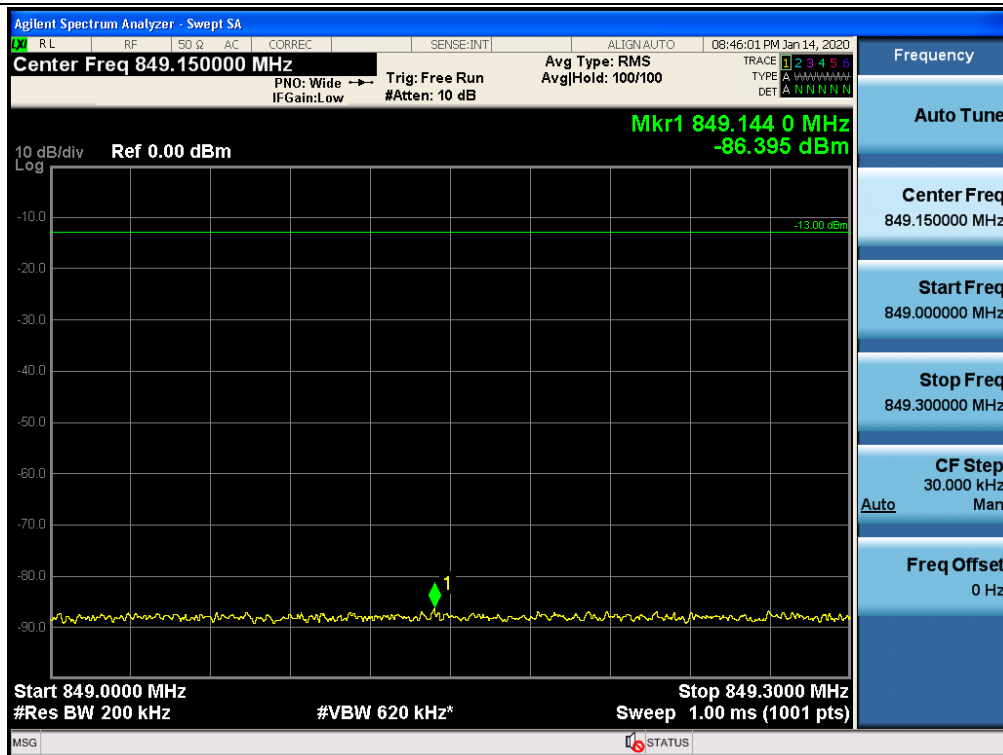
Out-of-band (single test signals) / Cellular / Uplink / LTE 20 MHz / Upper



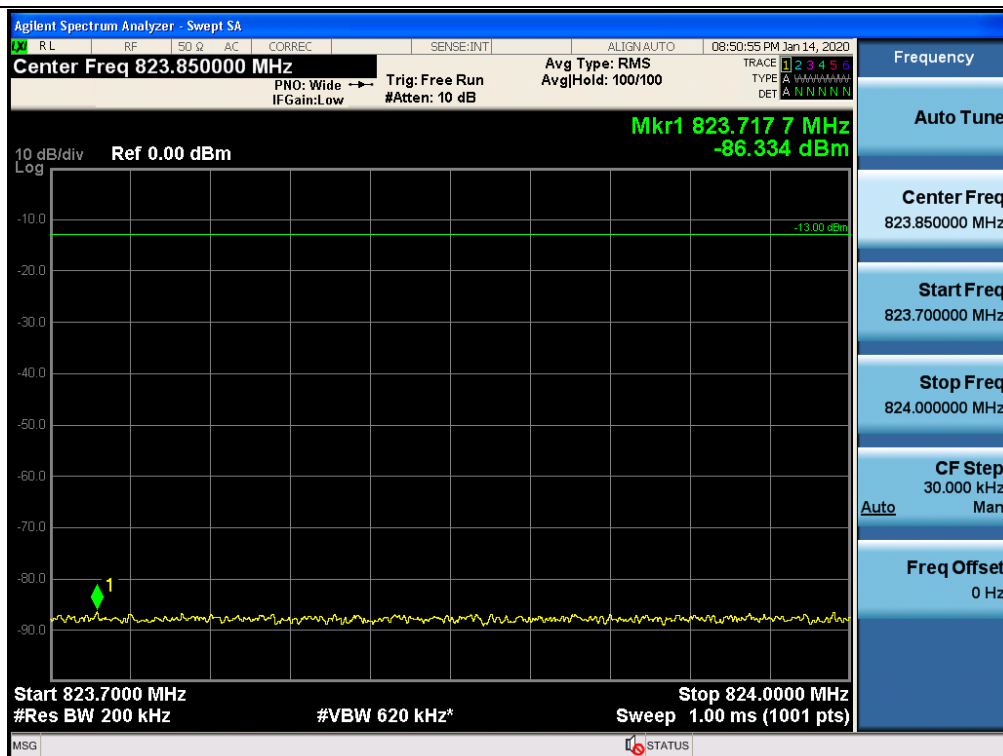
Out-of-band (single test signals) / Cellular / Uplink / LTE 20 MHz / Lower



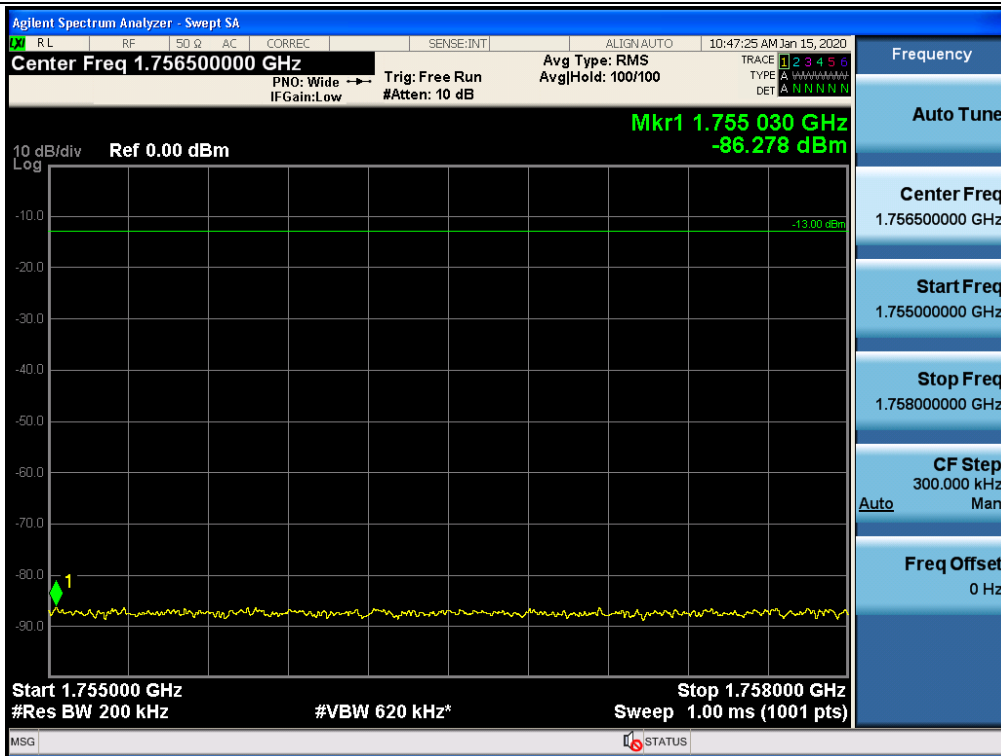
+3 dB above Out-of-band (single test signals) / Cellular / Uplink / LTE 20 MHz / Upper



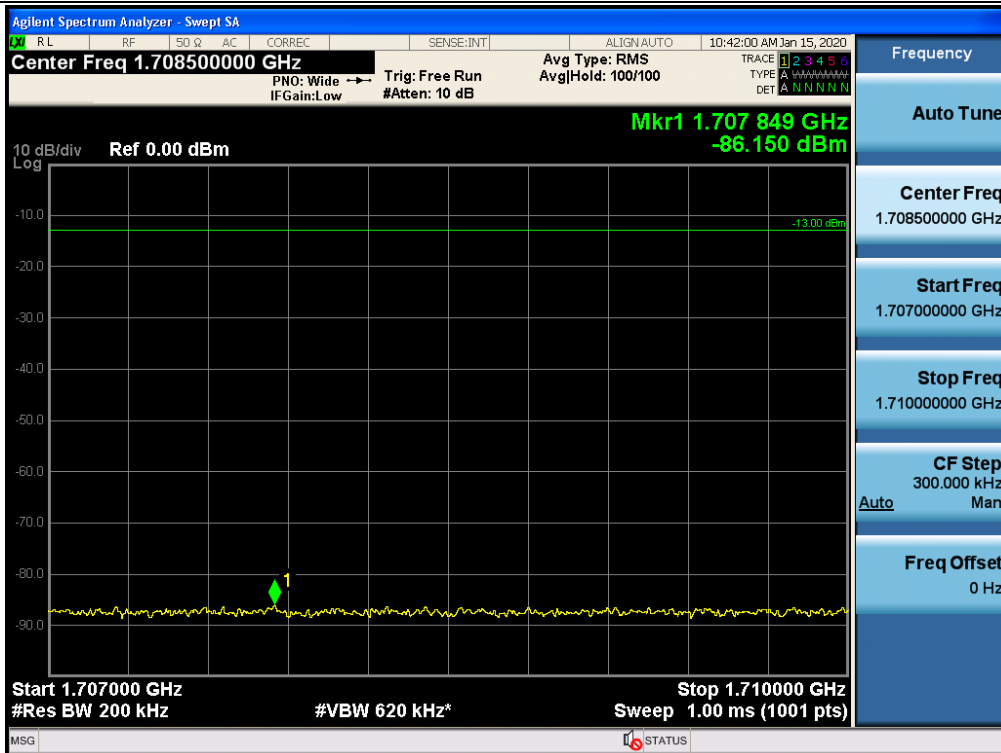
+3 dB above Out-of-band (single test signals) / Cellular / Uplink / LTE 20 MHz / Lower



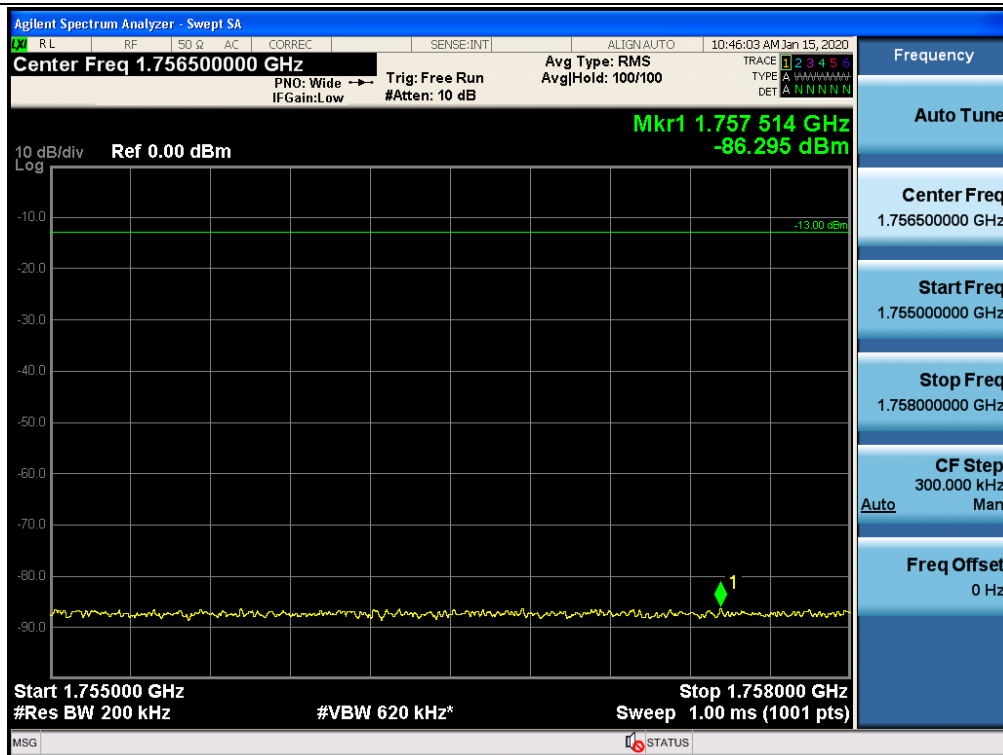
Out-of-band (single test signals) / AWS-1 / Uplink / LTE 20 MHz / Upper



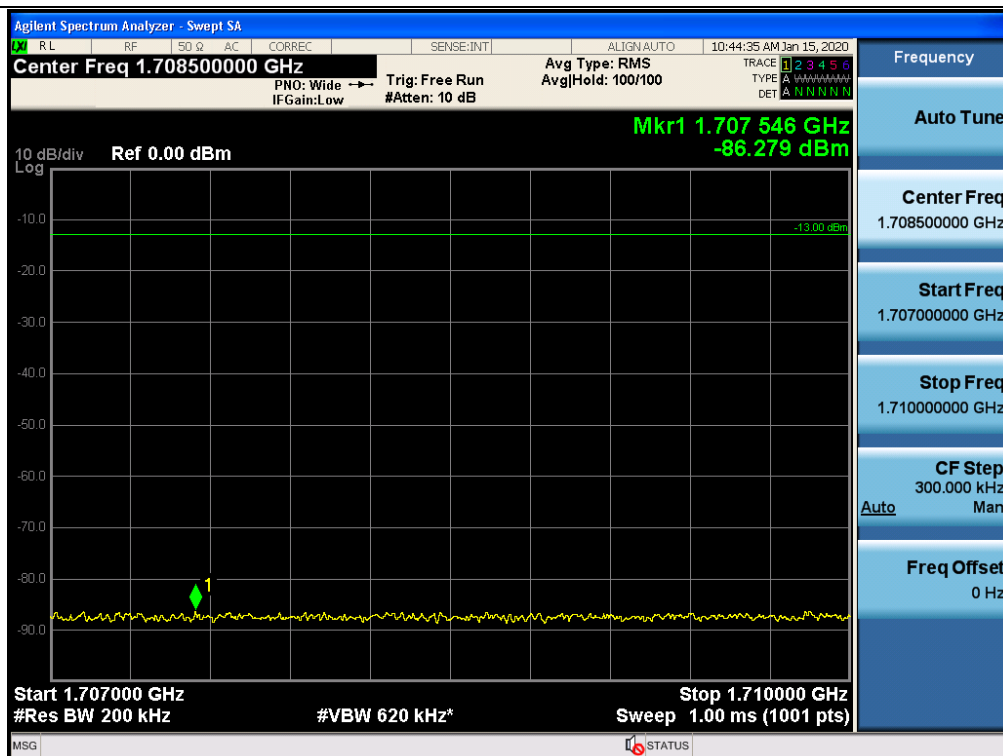
Out-of-band (single test signals) / AWS-1 / Uplink / LTE 20 MHz / Lower



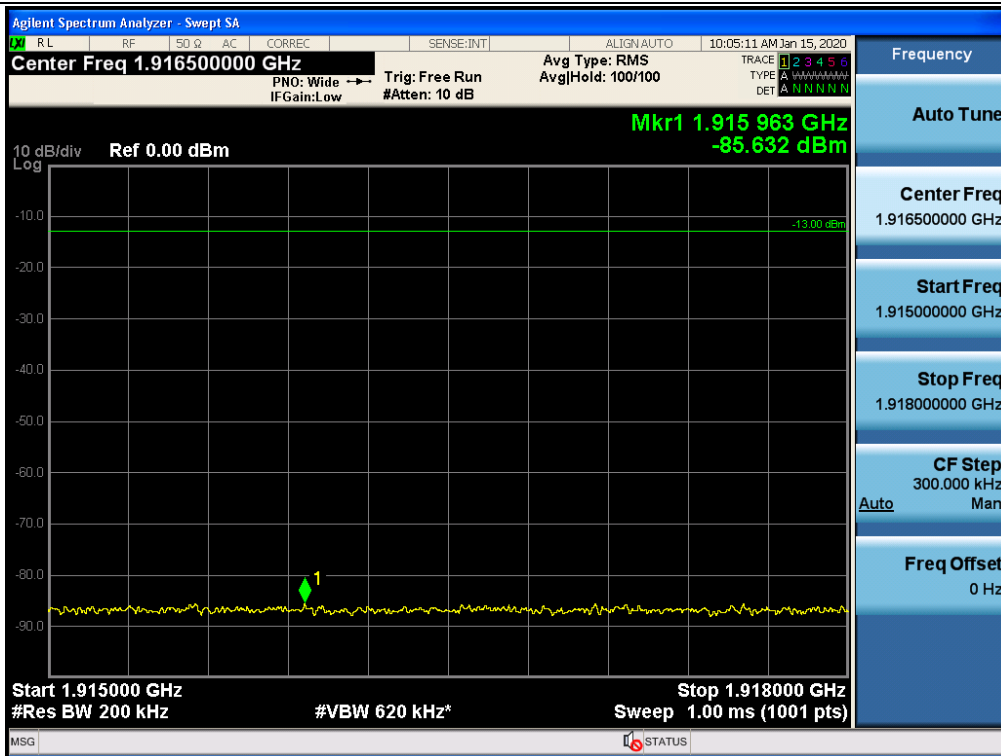
+3 dB above Out-of-band (single test signals) / AWS-1 / Uplink / LTE 20 MHz / Upper



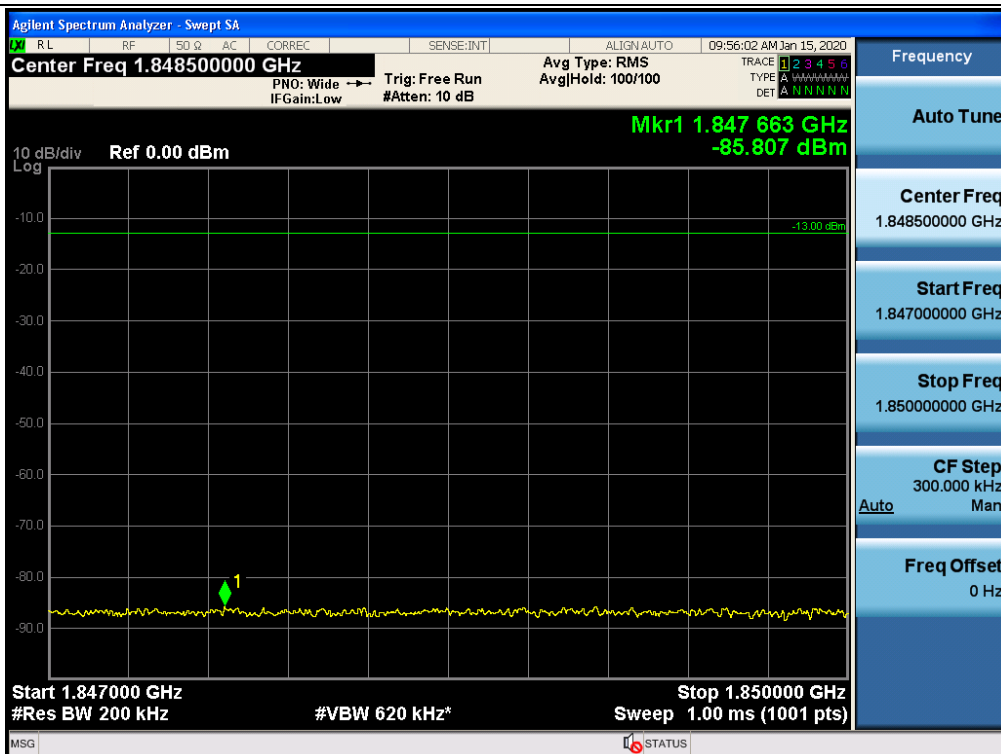
+3 dB above Out-of-band (single test signals) / AWS-1 / Uplink / LTE 20 MHz / Lower



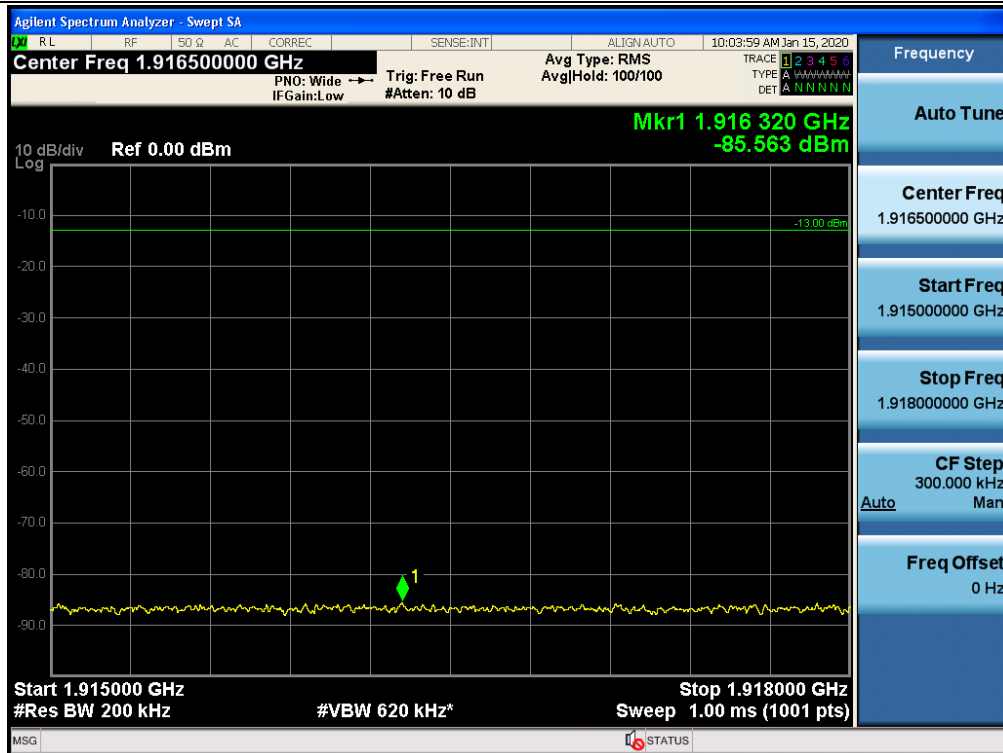
Out-of-band (single test signals) / Broadband PCS / Uplink / LTE 20 MHz / Upper



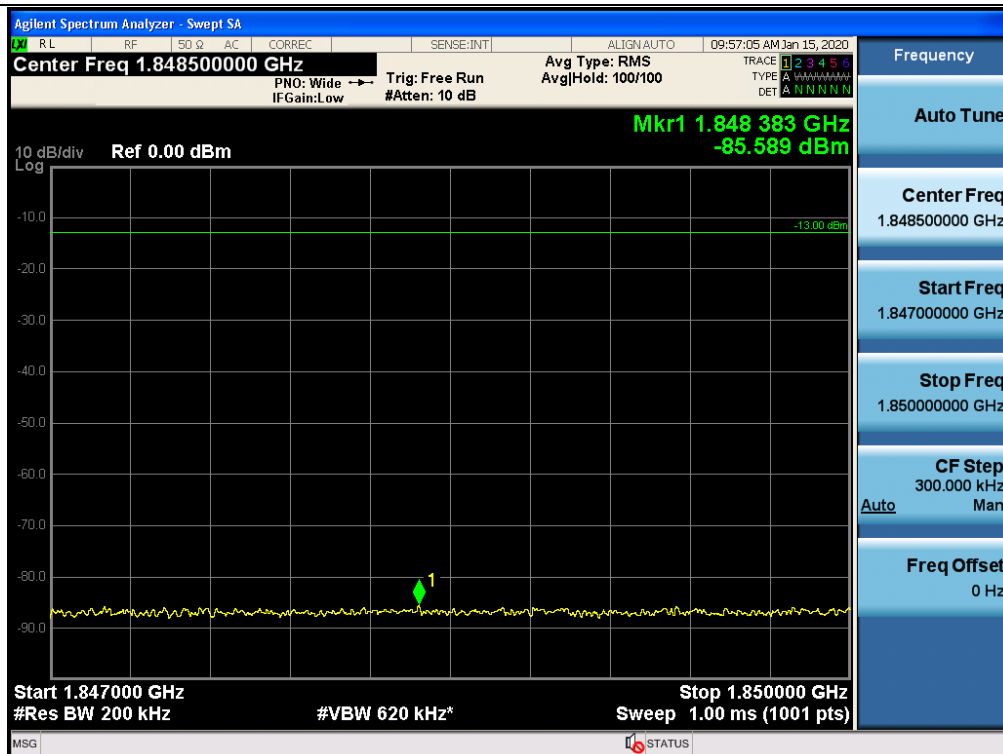
Out-of-band (single test signals) / Broadband PCS / Uplink / LTE 20 MHz / Lower



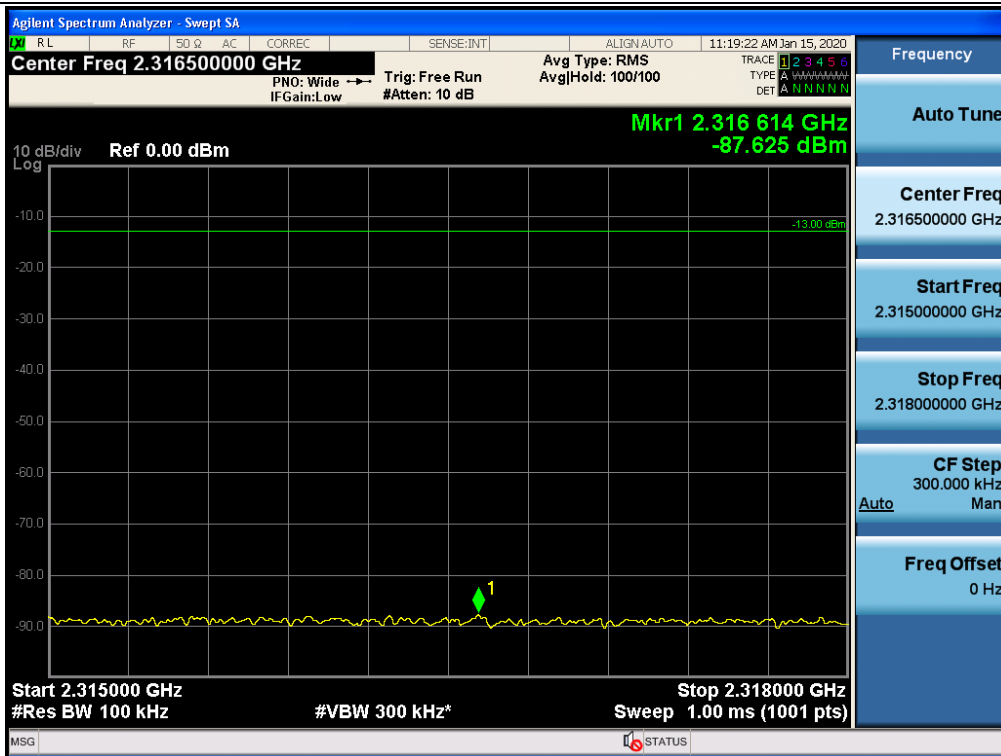
+3 dB above Out-of-band (single test signals) / Broadband PCS / Uplink / LTE 20 MHz / Upper



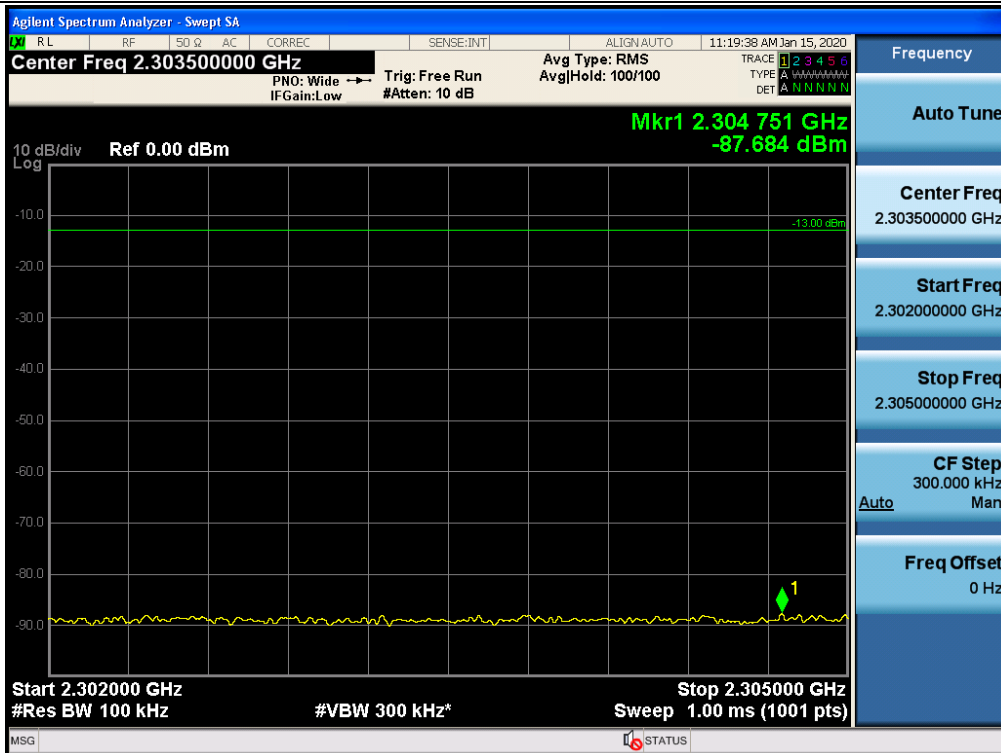
+3 dB above Out-of-band (single test signals) / Broadband PCS / Uplink / LTE 20 MHz / Lower



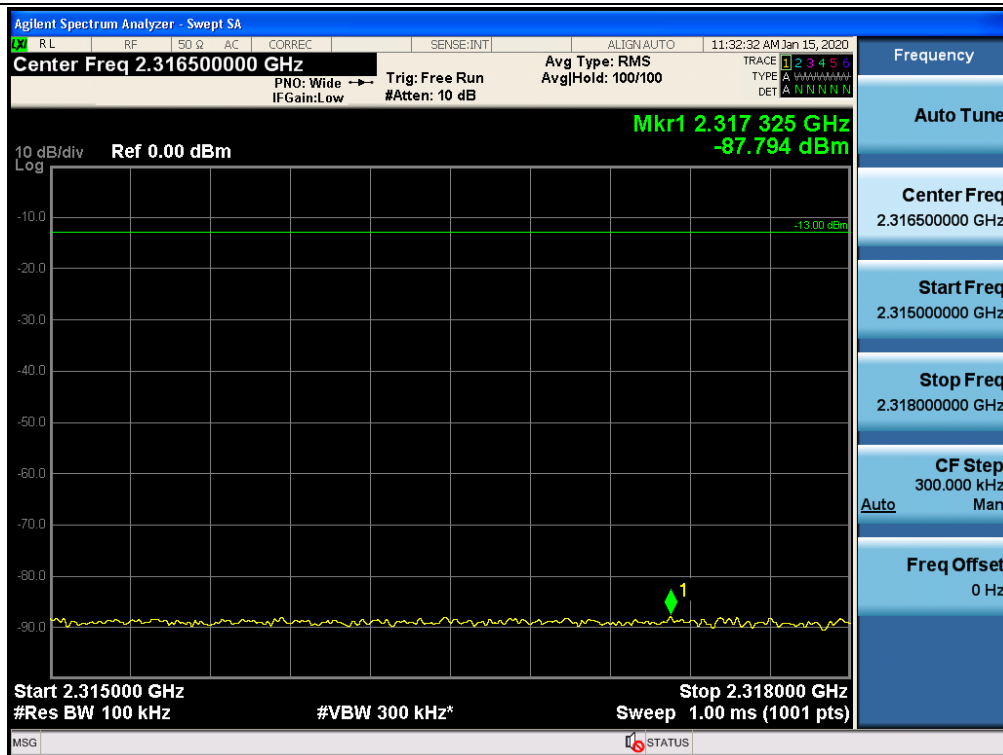
Out-of-band (single test signals) / WCS / Uplink / LTE 10 MHz / Upper



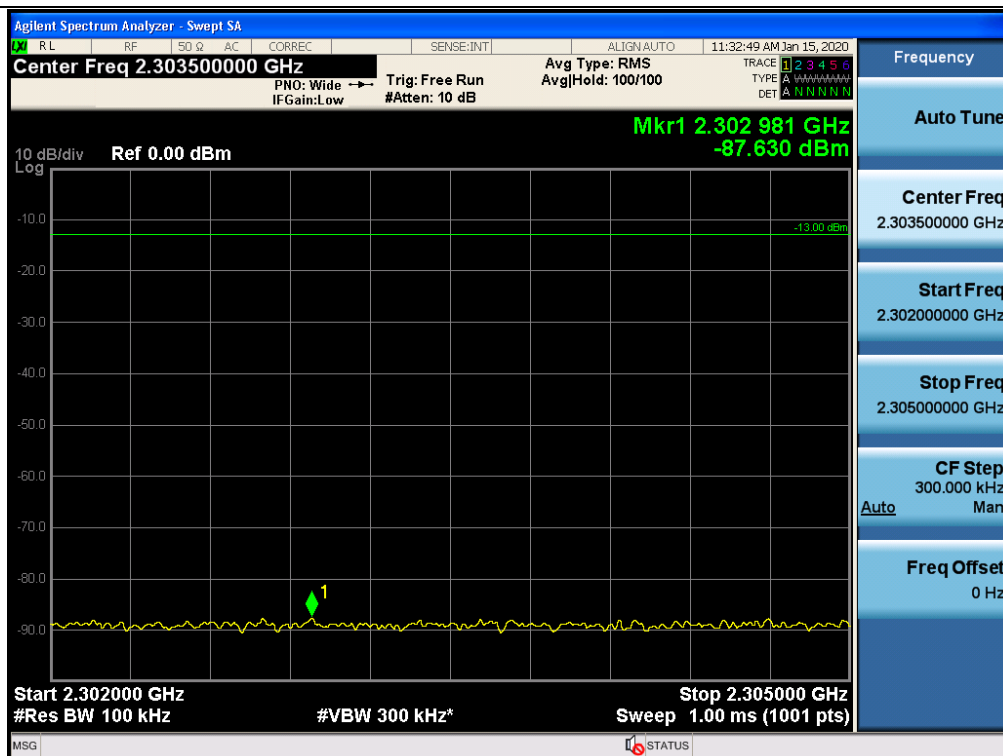
Out-of-band (single test signals) / WCS / Uplink / LTE 10 MHz / Lower



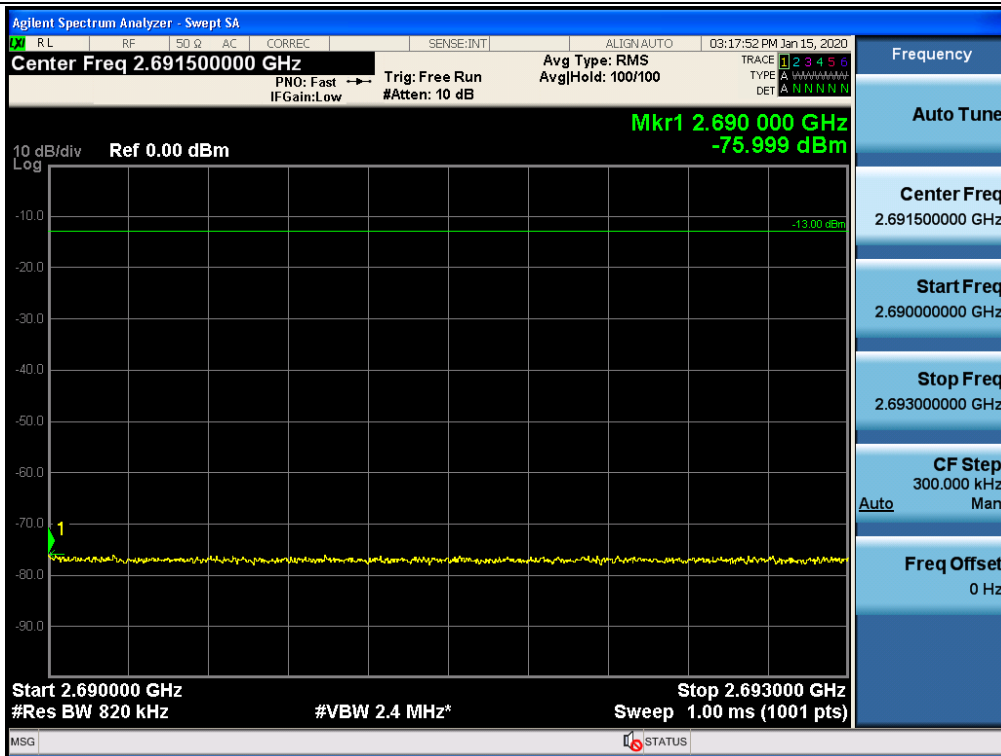
+3 dB above Out-of-band (single test signals) / WCS / Uplink / LTE 10 MHz / Upper



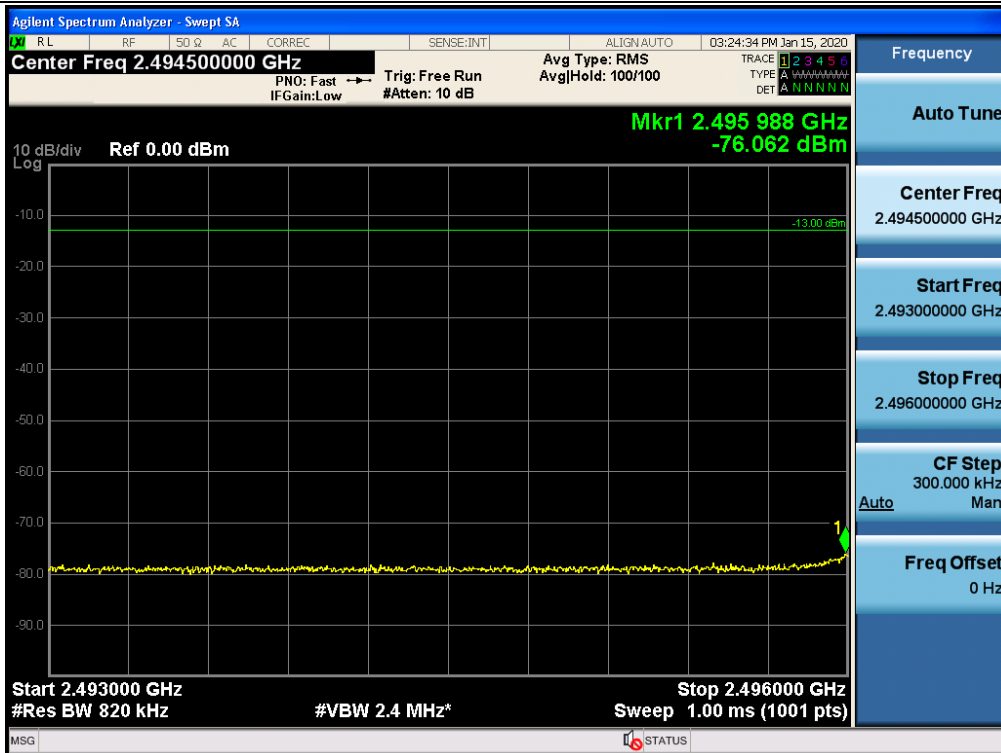
+3 dB above Out-of-band (single test signals) / WCS / Uplink / LTE 10 MHz / Lower



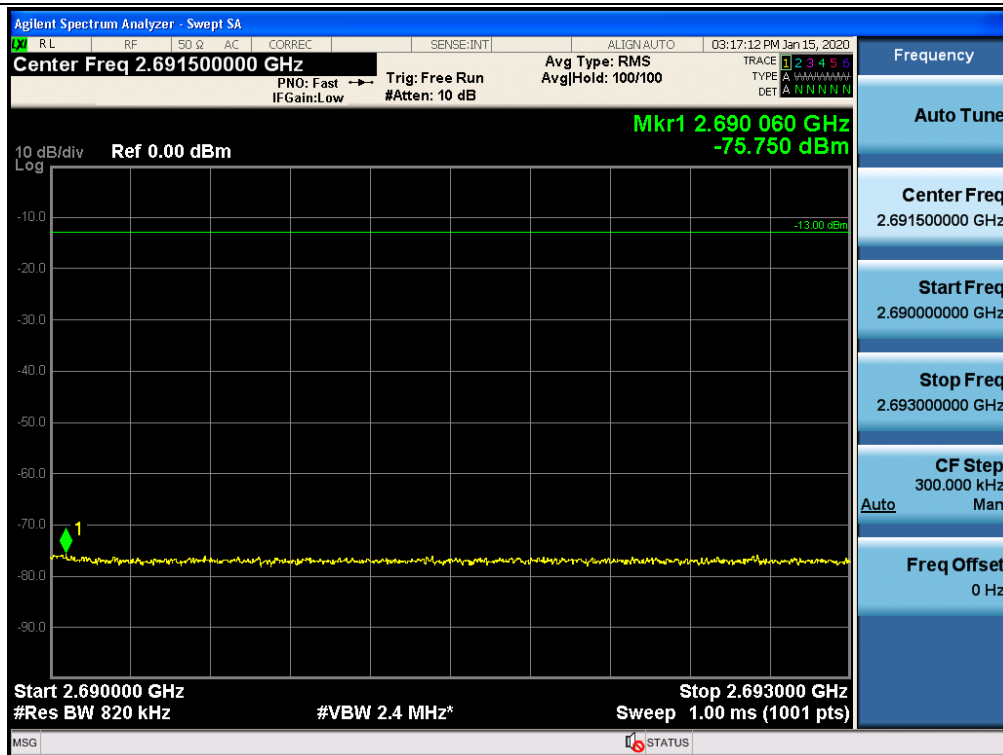
Out-of-band (single test signals) / BRS/EBS / Uplink / 5G NR 80M / Upper



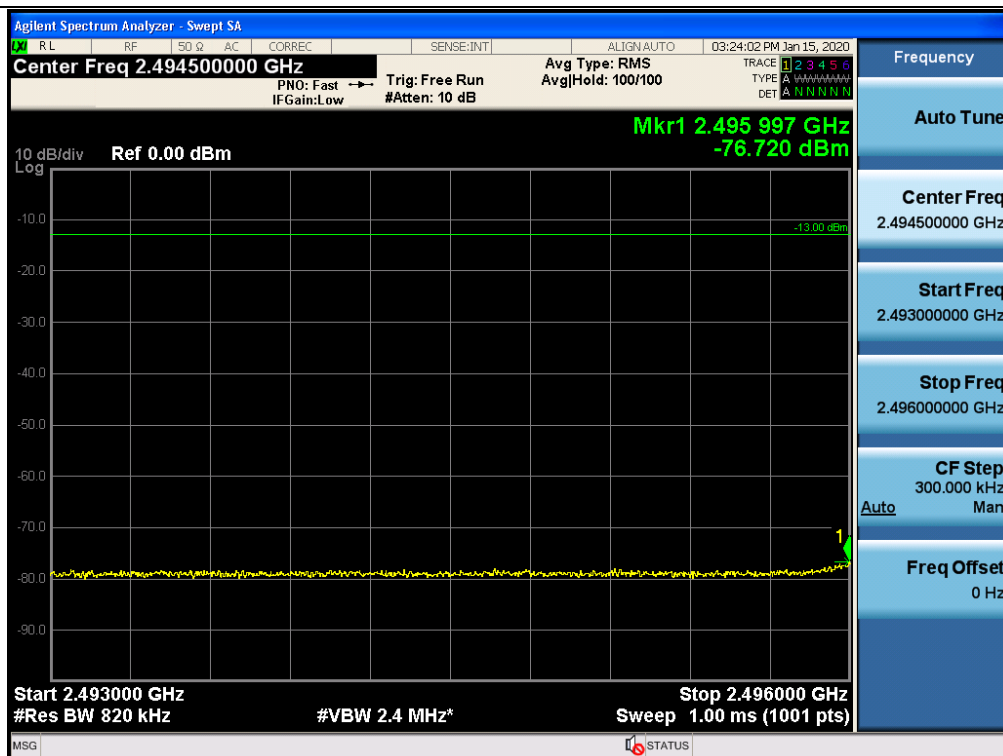
Out-of-band (single test signals) / BRS/EBS / Uplink / 5G NR 80M / Lower



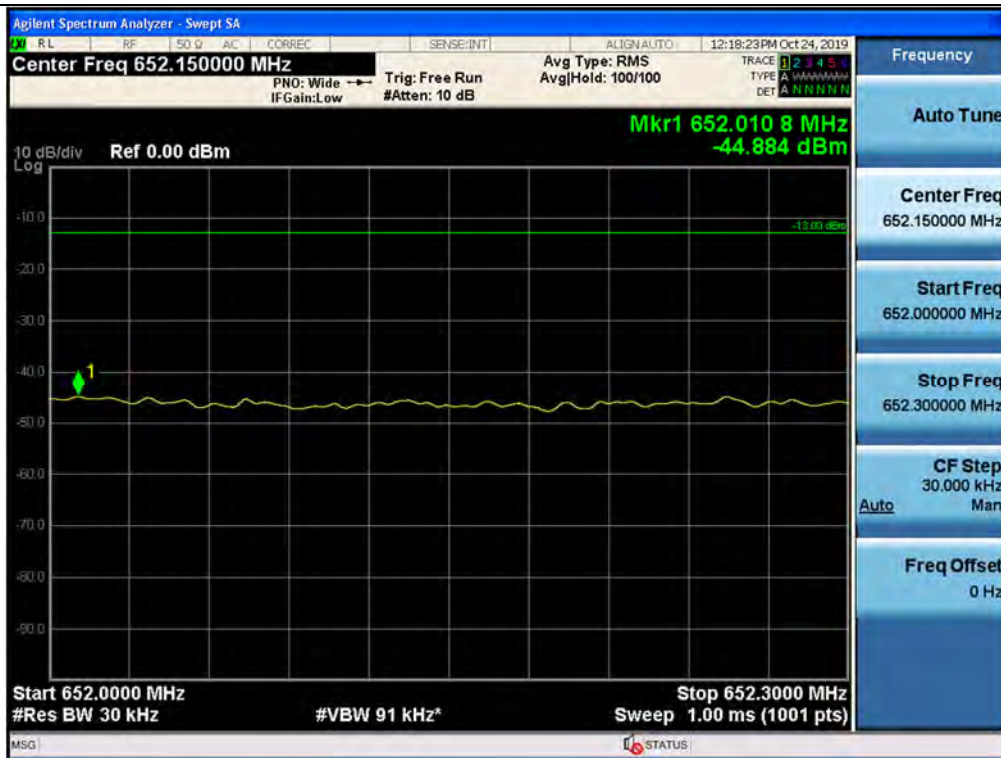
+3 dB above Out-of-band (single test signals) / BRS/EBS / Uplink / 5G NR 80M / Upper



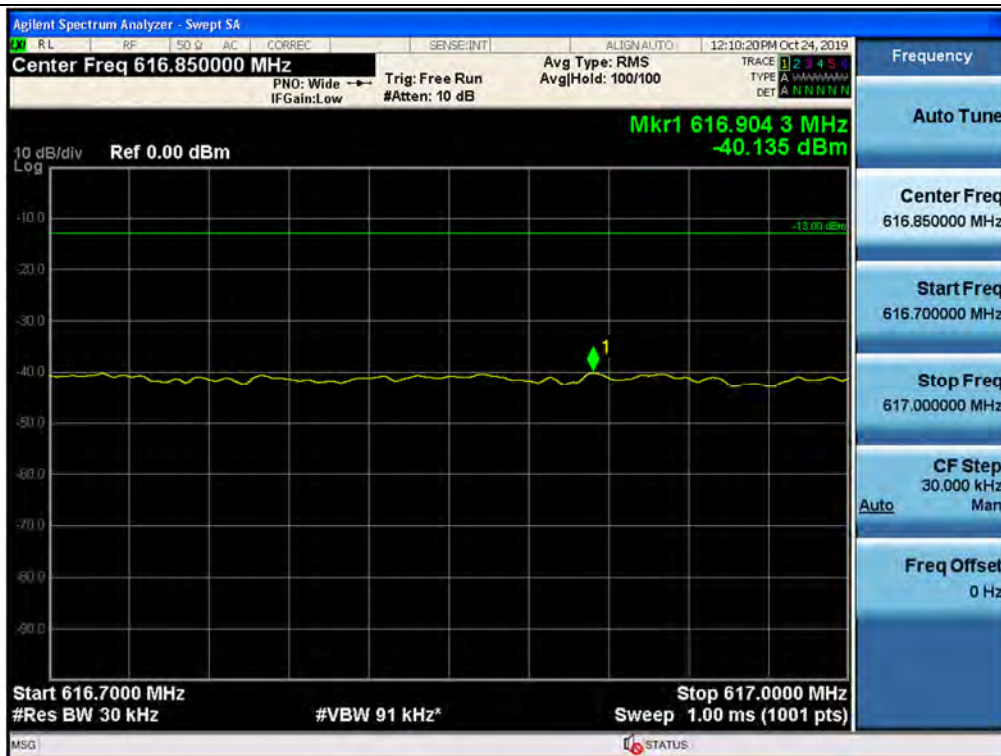
+3 dB above Out-of-band (single test signals) / BRS/EBS / Uplink / 5G NR 80M / Lower



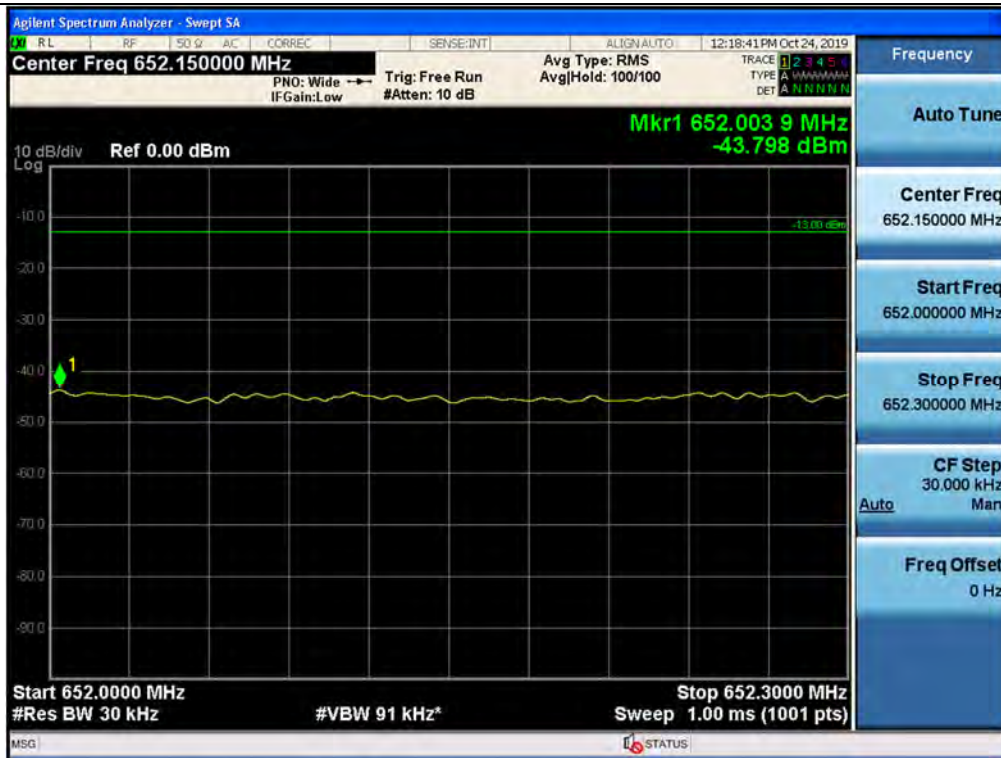
Out-of-band (single test signals) / 600 MHz / Downlink / LTE 20 MHz / Upper



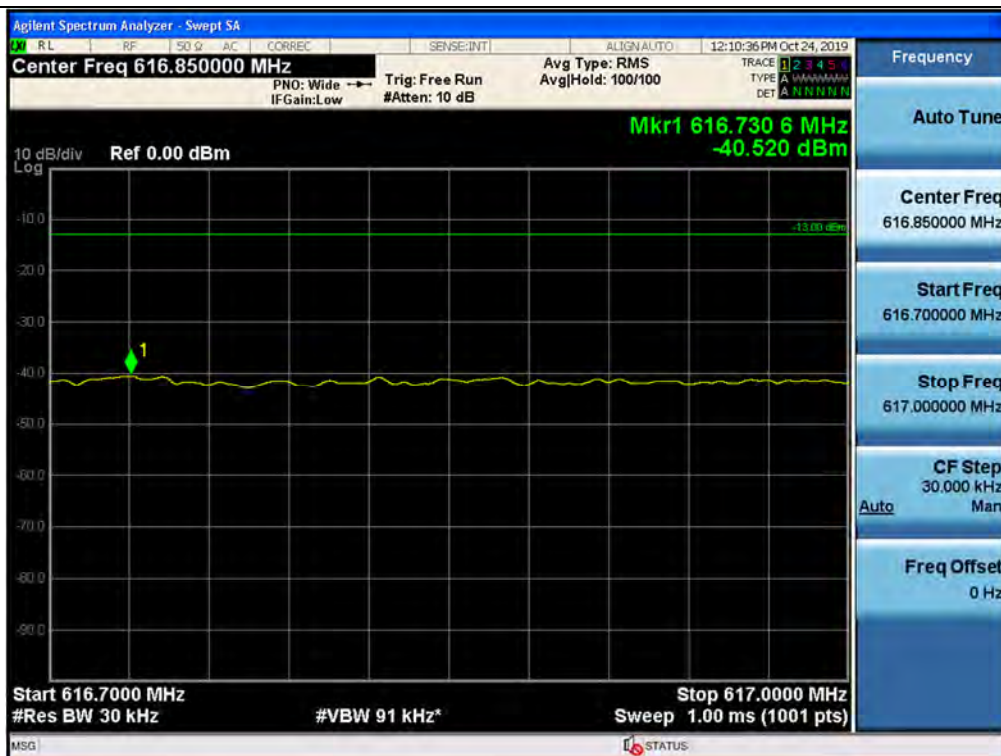
Out-of-band (single test signals) / 600 MHz / Downlink / LTE 20 MHz / Lower



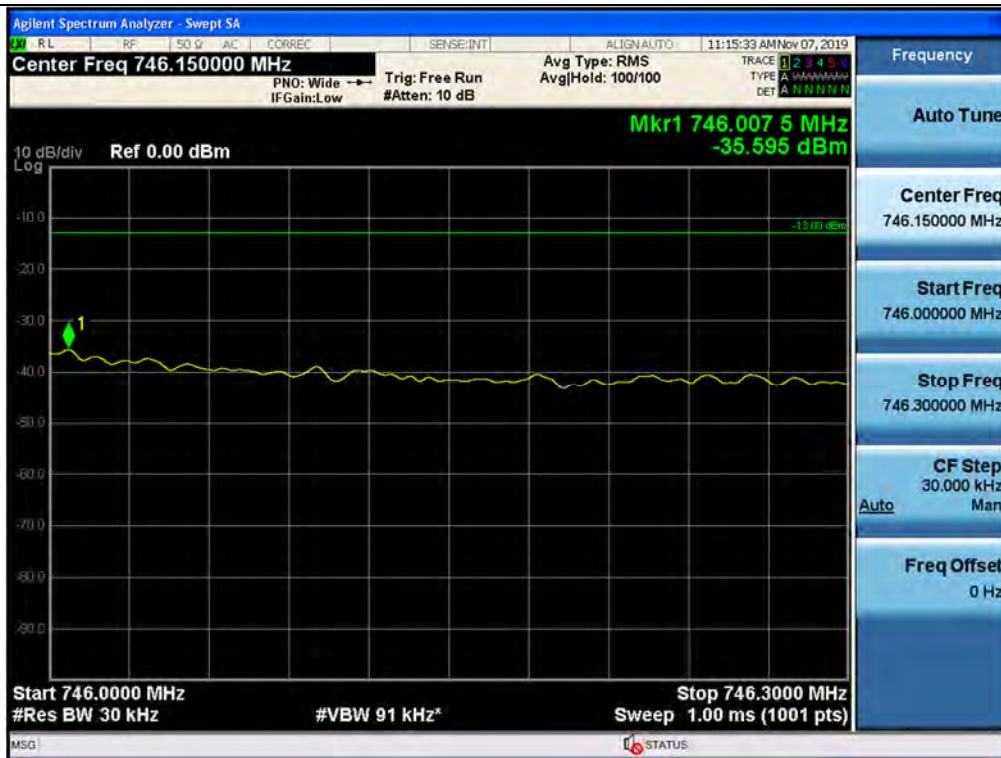
+3 dB above Out-of-band (single test signals) / 600 MHz / Downlink / LTE 20 MHz / Upper



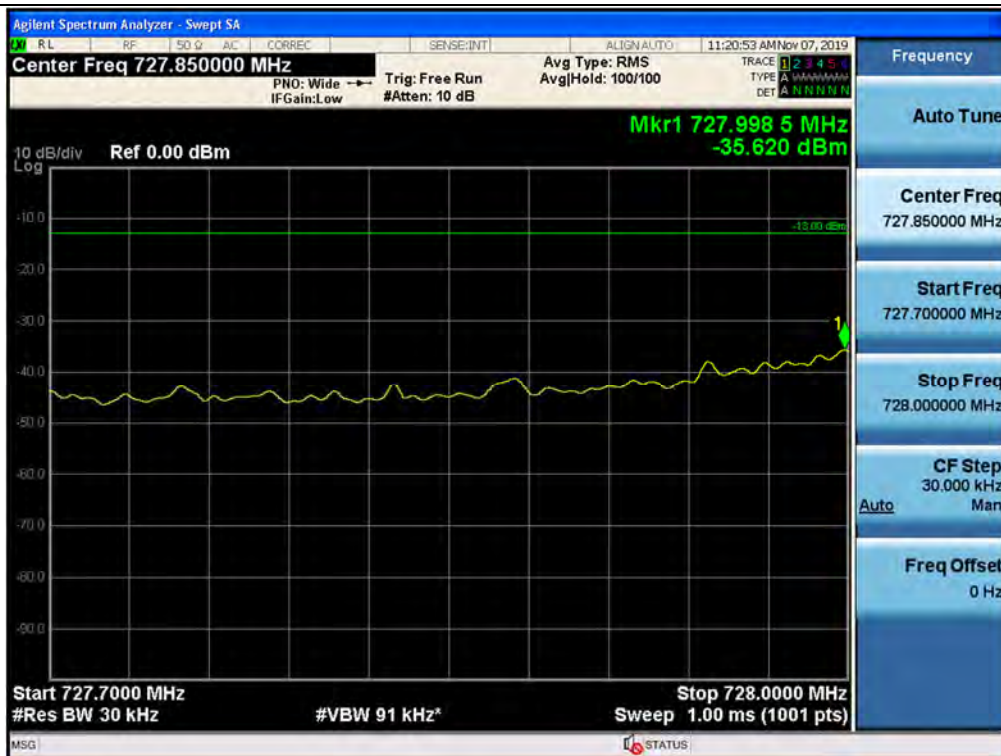
+3 dB above Out-of-band (single test signals) / 600 MHz / Downlink / LTE 20 MHz / Lower



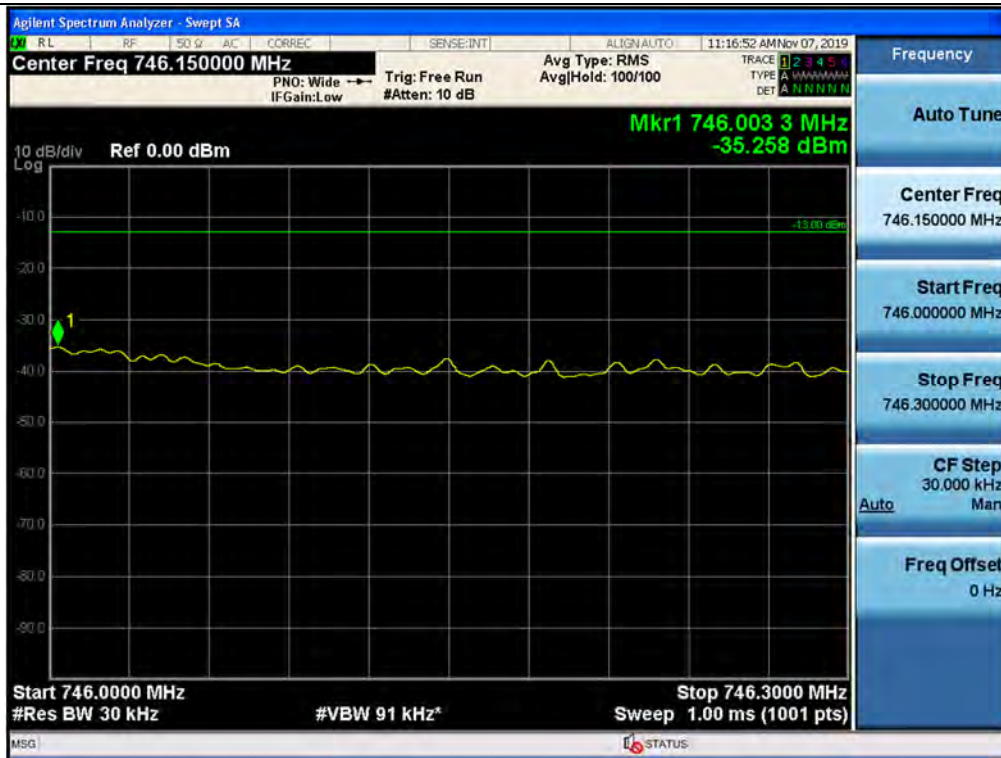
Out-of-band (single test signals) / Lower 700 MHz / Downlink / LTE 10 MHz / Upper



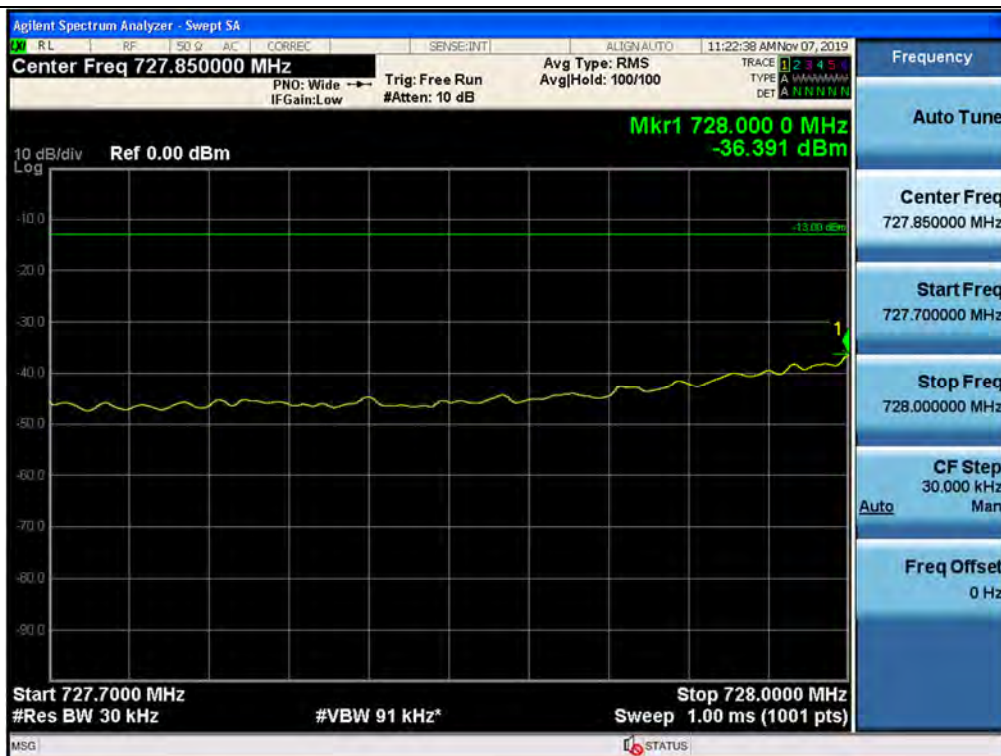
Out-of-band (single test signals) / Lower 700 MHz / Downlink / LTE 10 MHz / Lower



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



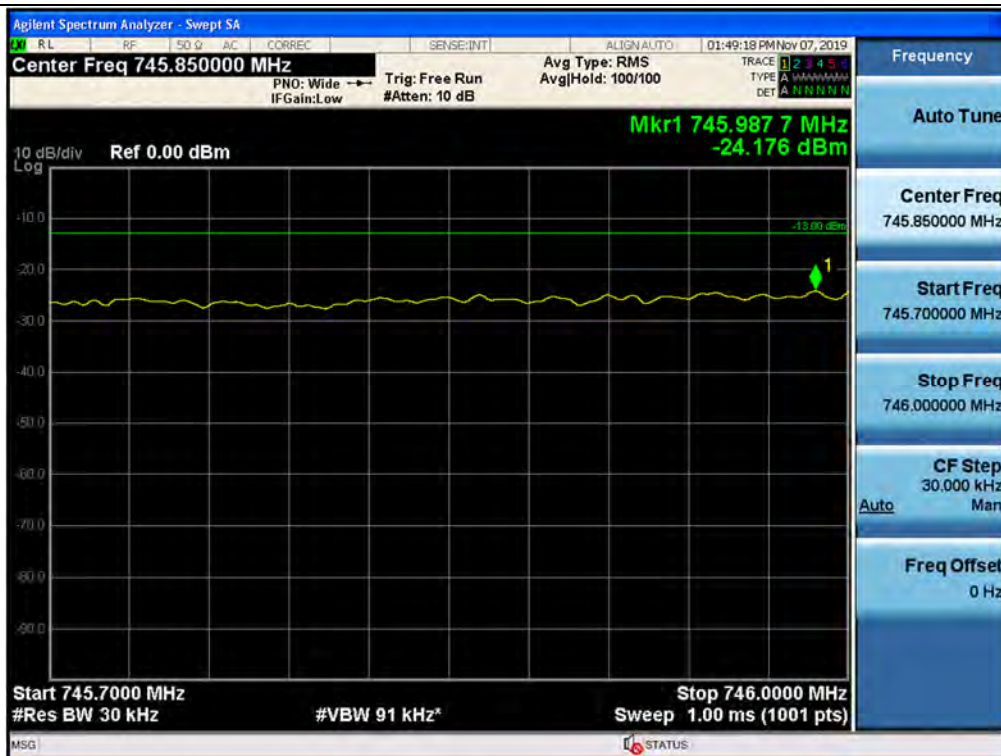
+3 dB above Out-of-band (single test signals) / Lower 700 MHz / Downlink / LTE 10 MHz / Lower



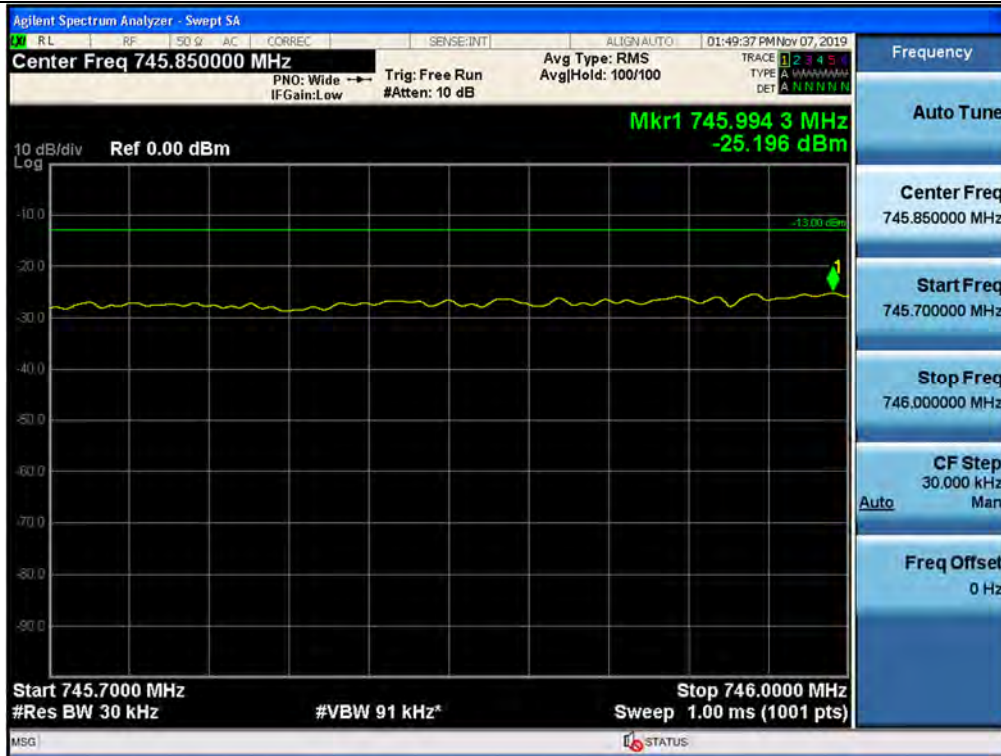
Out-of-band (single test signals) / Upper 700 MHz / Downlink / LTE 10 MHz / Upper



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



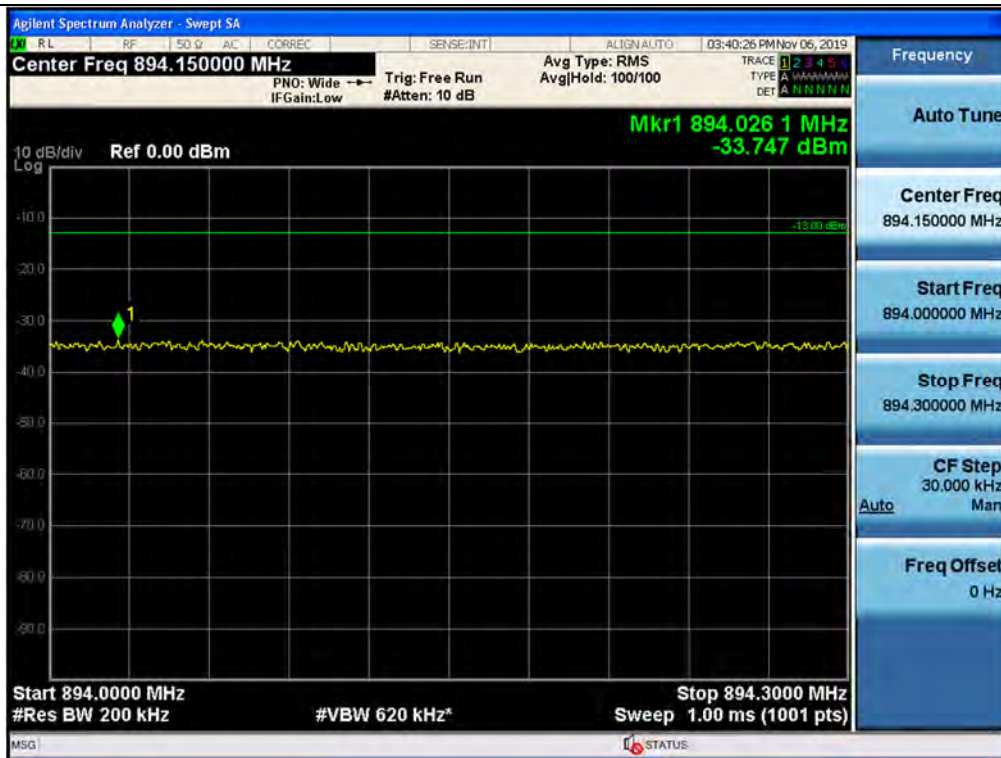
+3 dB above Out-of-band (single test signals) / ESMR / Downlink / LTE 5 MHz / Upper



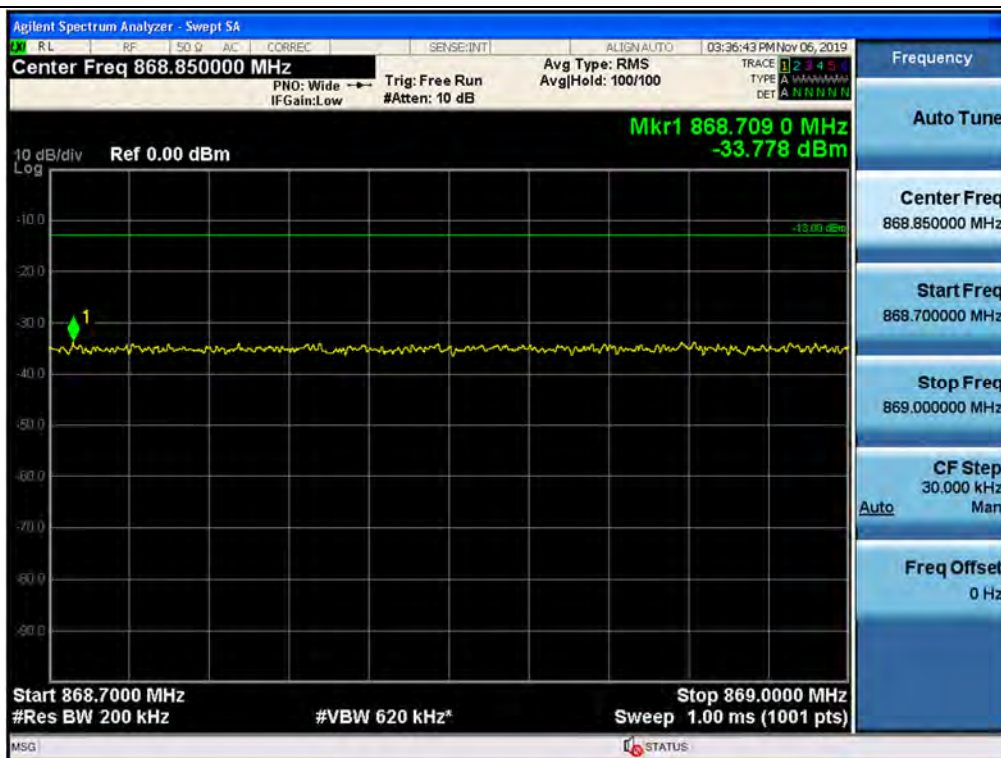
+3 dB above Out-of-band (single test signals) / ESMR / Downlink / LTE 5 MHz / Lower



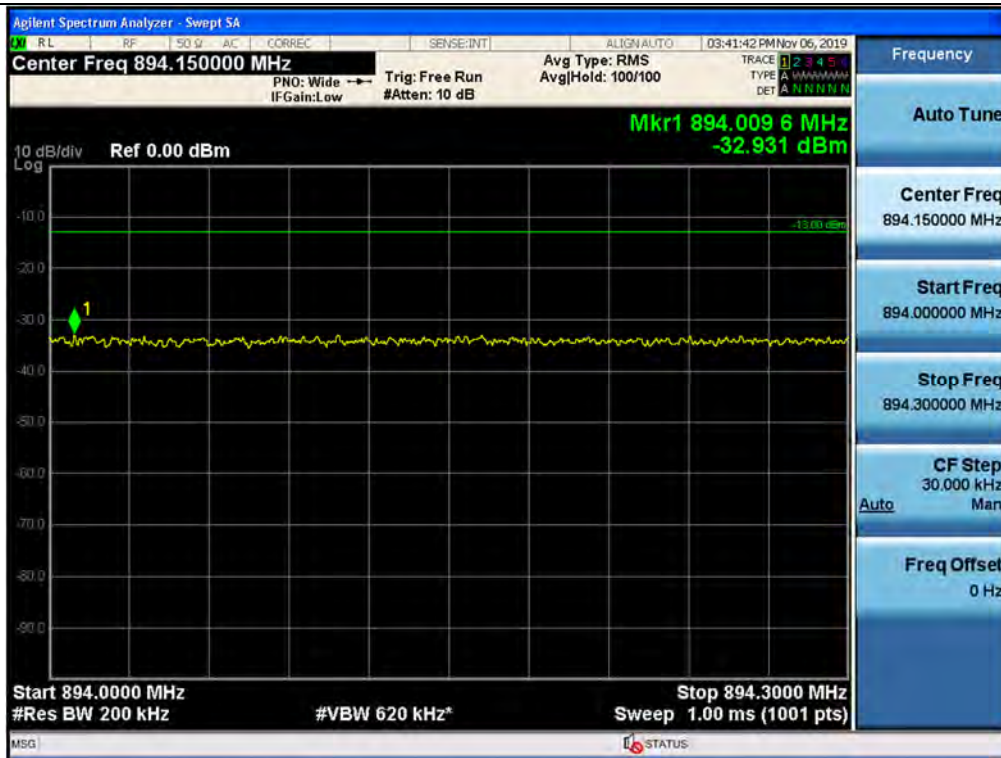
Out-of-band (single test signals) / Cellular / Downlink / LTE 20 MHz / Upper



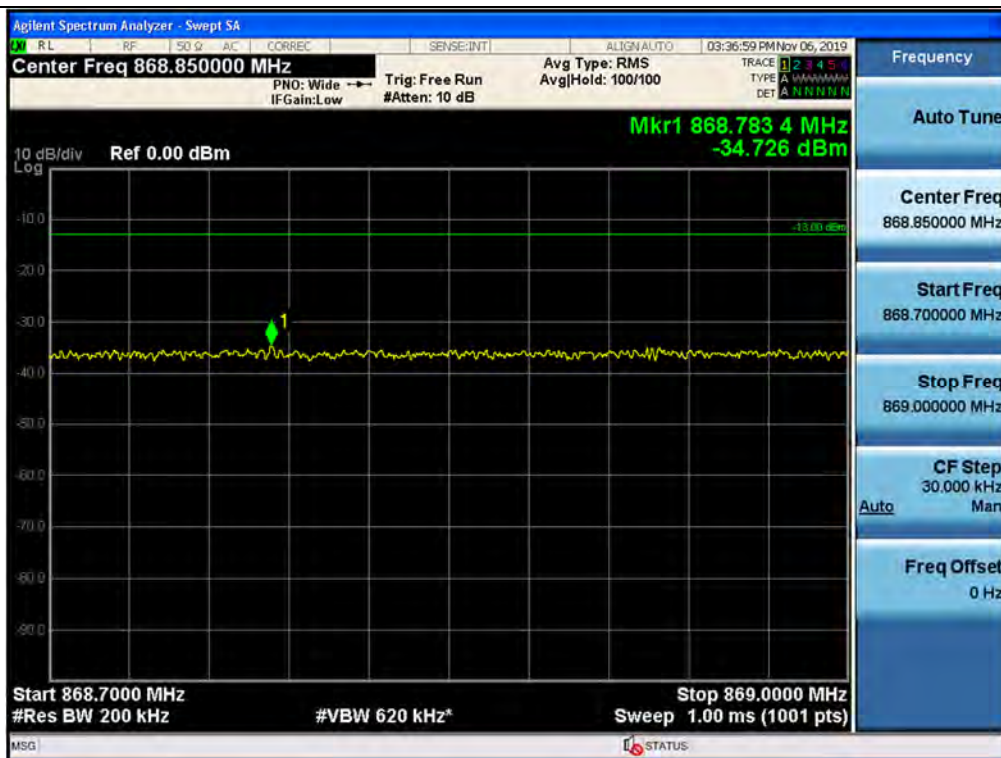
Out-of-band (single test signals) / Cellular / Downlink / LTE 20 MHz / Lower



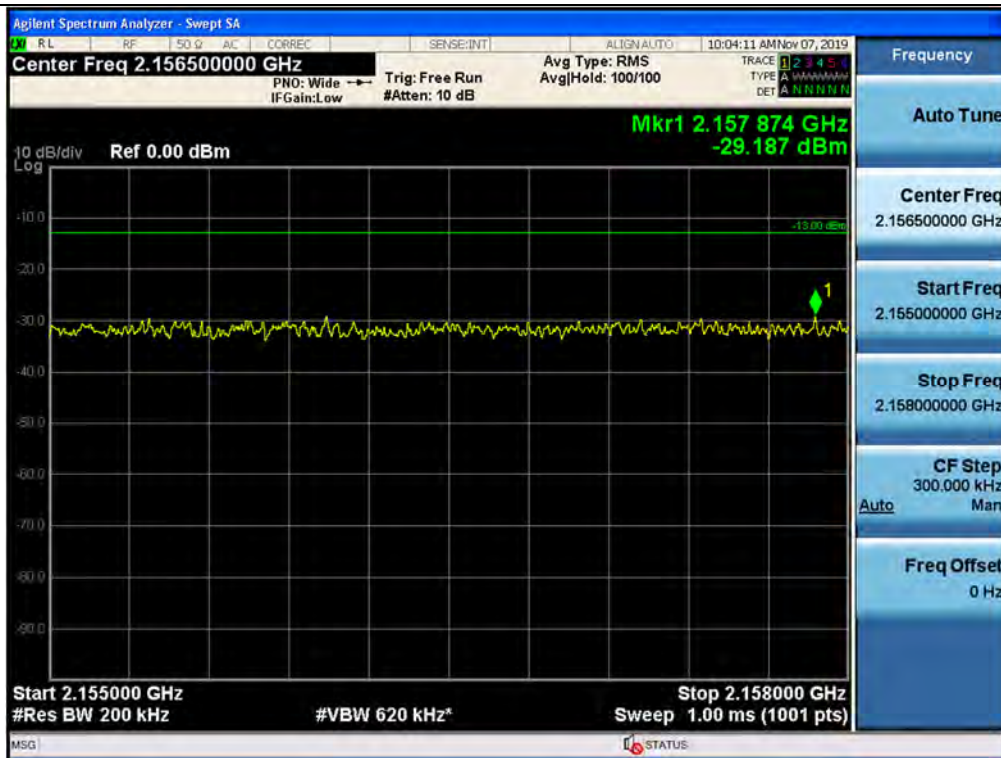
+3 dB above Out-of-band (single test signals) / Cellular / Downlink / LTE 20 MHz / Upper



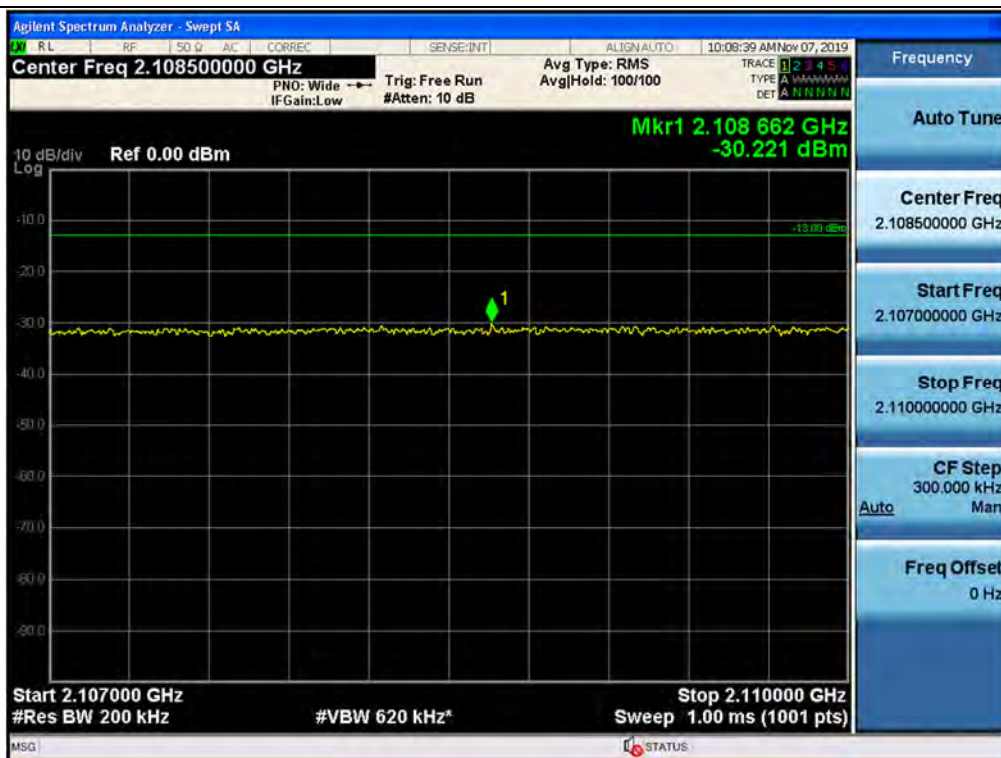
+3 dB above Out-of-band (single test signals) / Cellular / Downlink / LTE 20 MHz / Lower



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



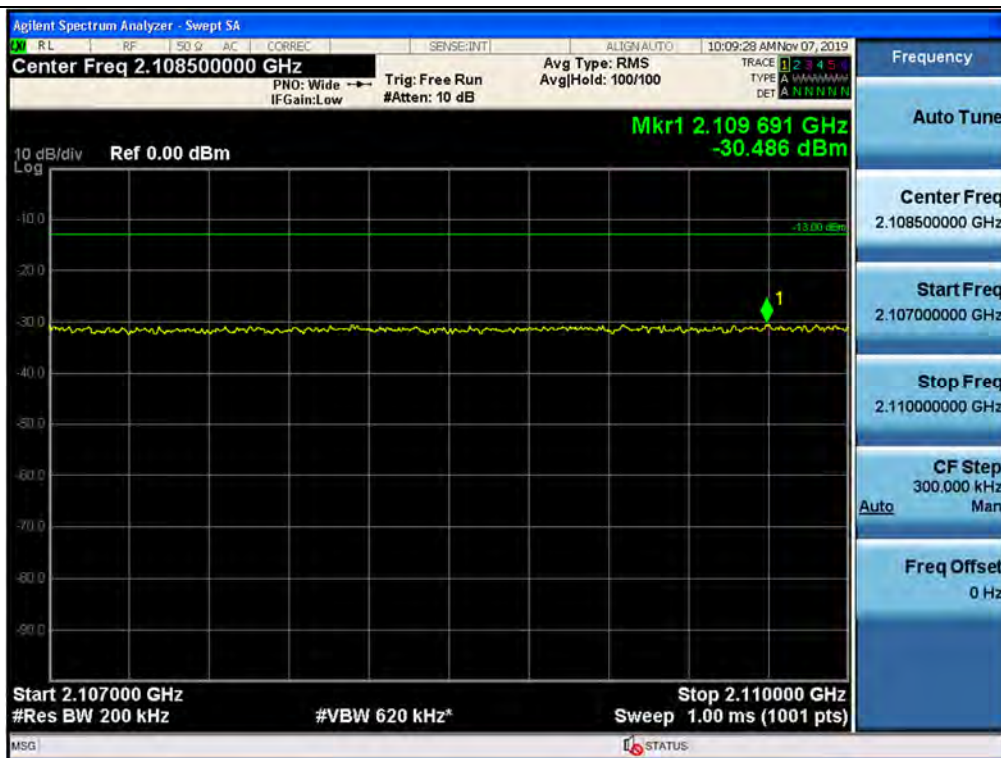
Out-of-band (single test signals) / AWS-1 / Downlink / LTE 20 MHz / Lower



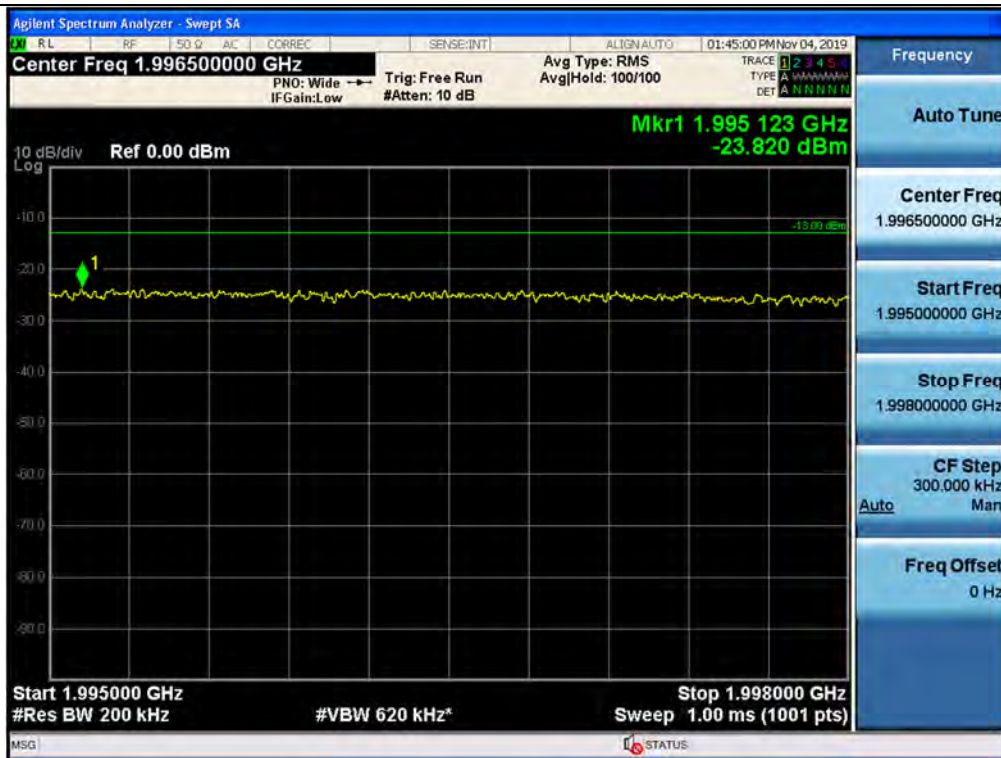
+3 dB above Out-of-band (single test signals) / AWS-1 / Downlink / LTE 20 MHz / Upper



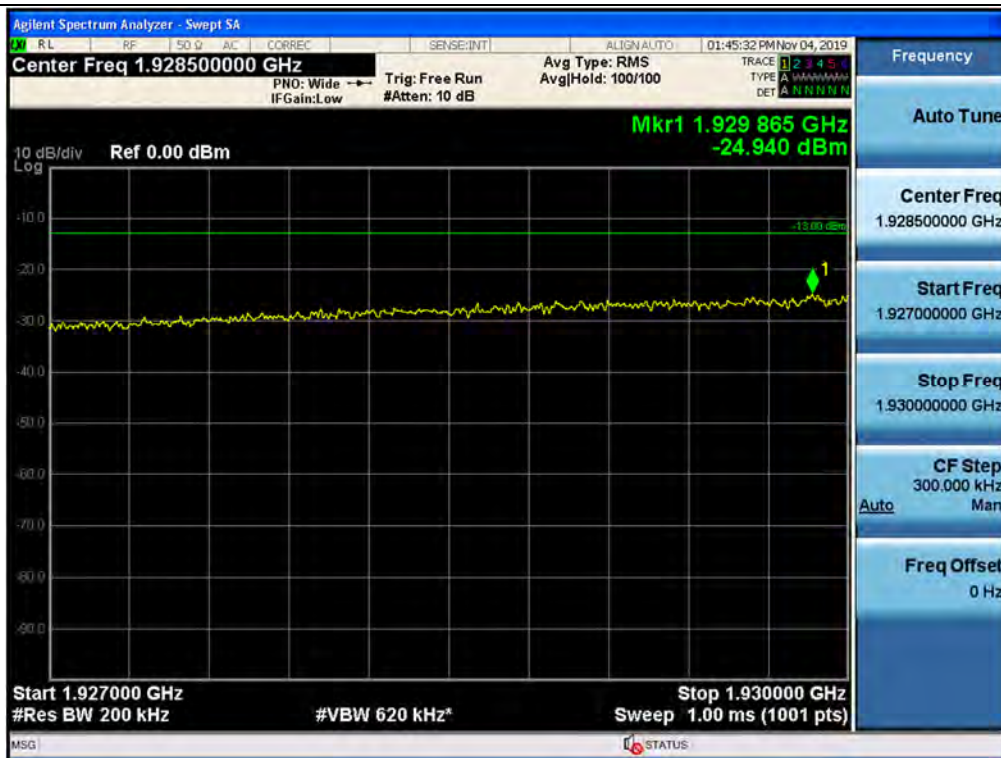
+3 dB above Out-of-band (single test signals) / AWS-1 / Downlink / LTE 20 MHz / Lower



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



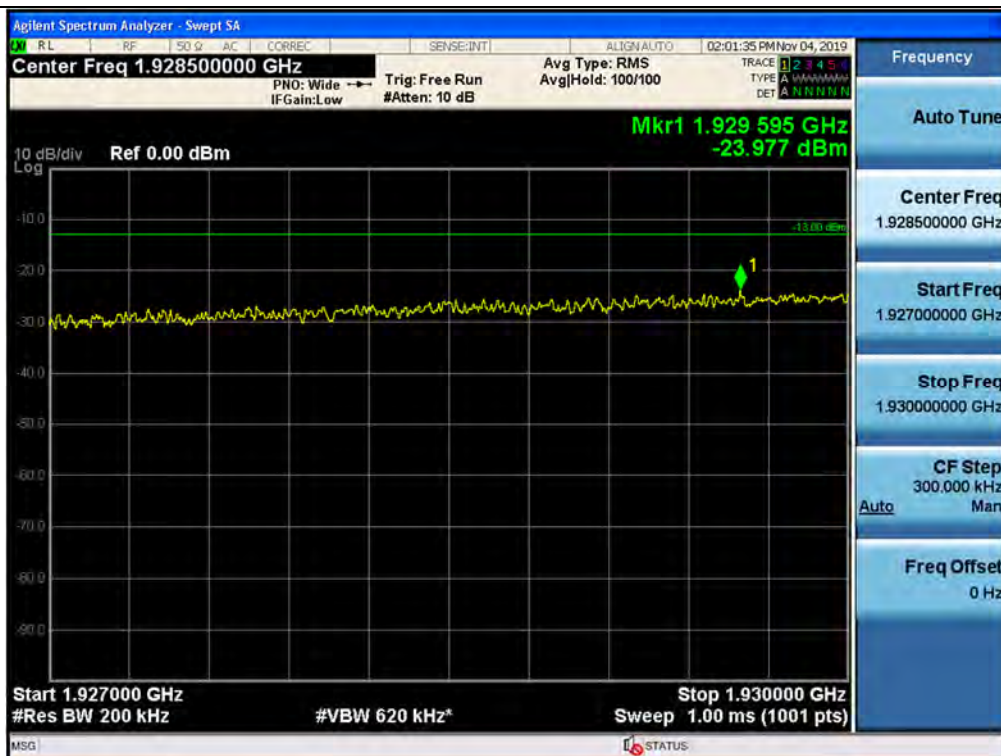
Out-of-band (single test signals) / Broadband PCS / Downlink / LTE 20 MHz / Lower



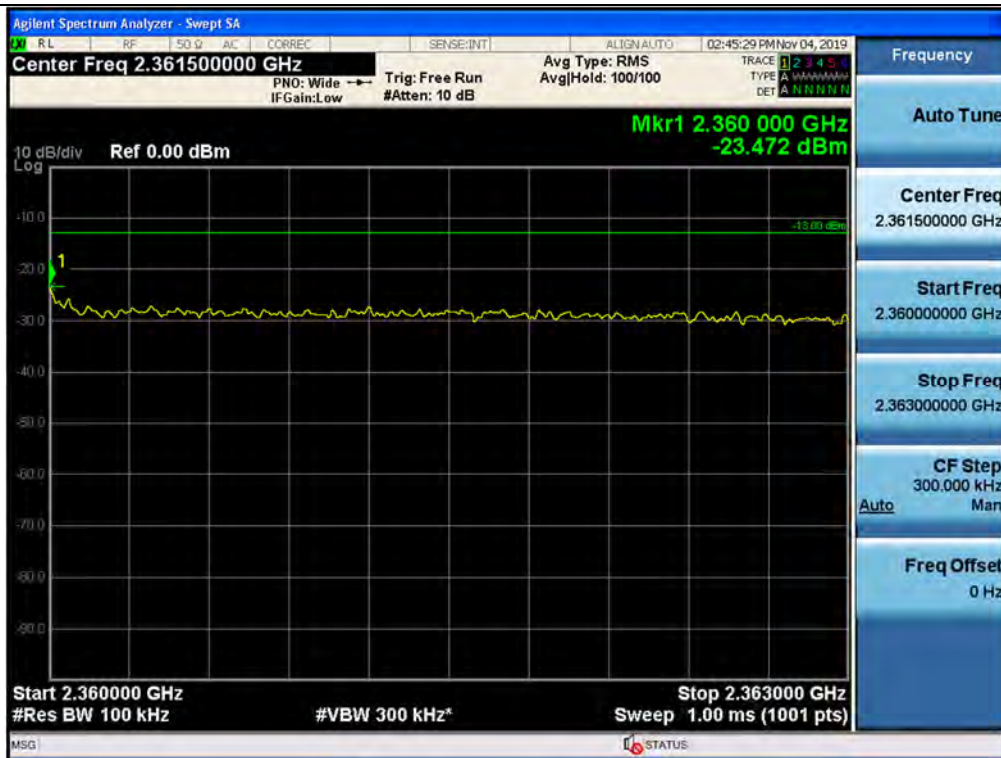
+3 dB above Out-of-band (single test signals) / Broadband PCS / Downlink / LTE 20 MHz / Upper



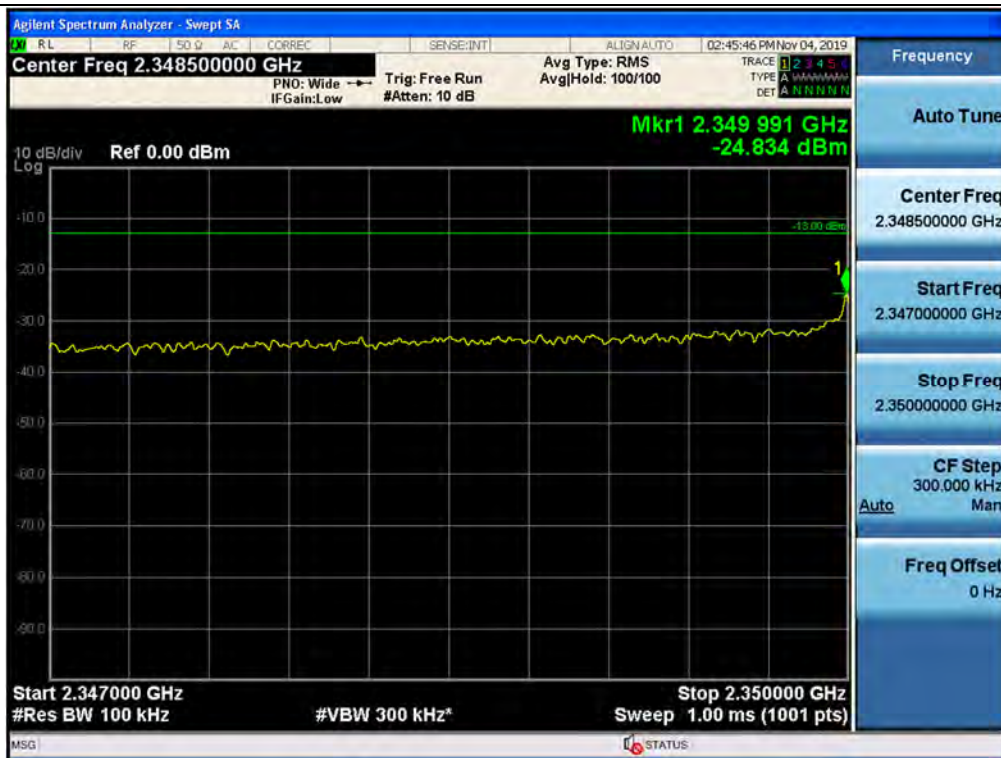
+3 dB above Out-of-band (single test signals) / Broadband PCS / Downlink / LTE 20 MHz / Lower



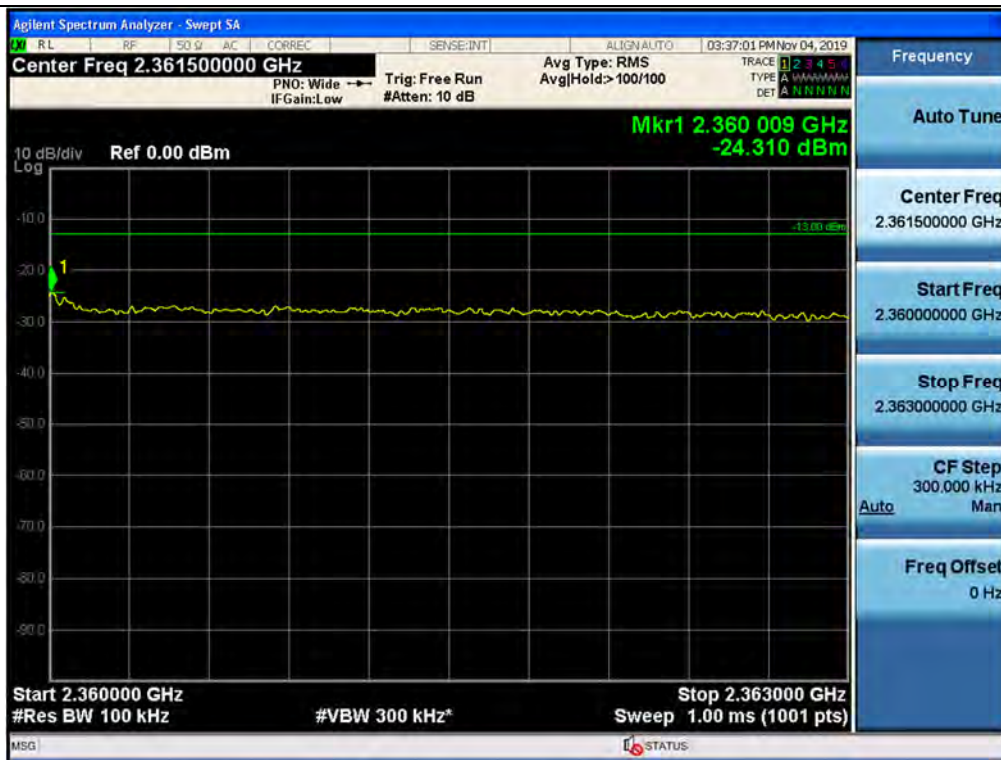
Out-of-band (single test signals) / WCS / Downlink / LTE 10 MHz / Upper



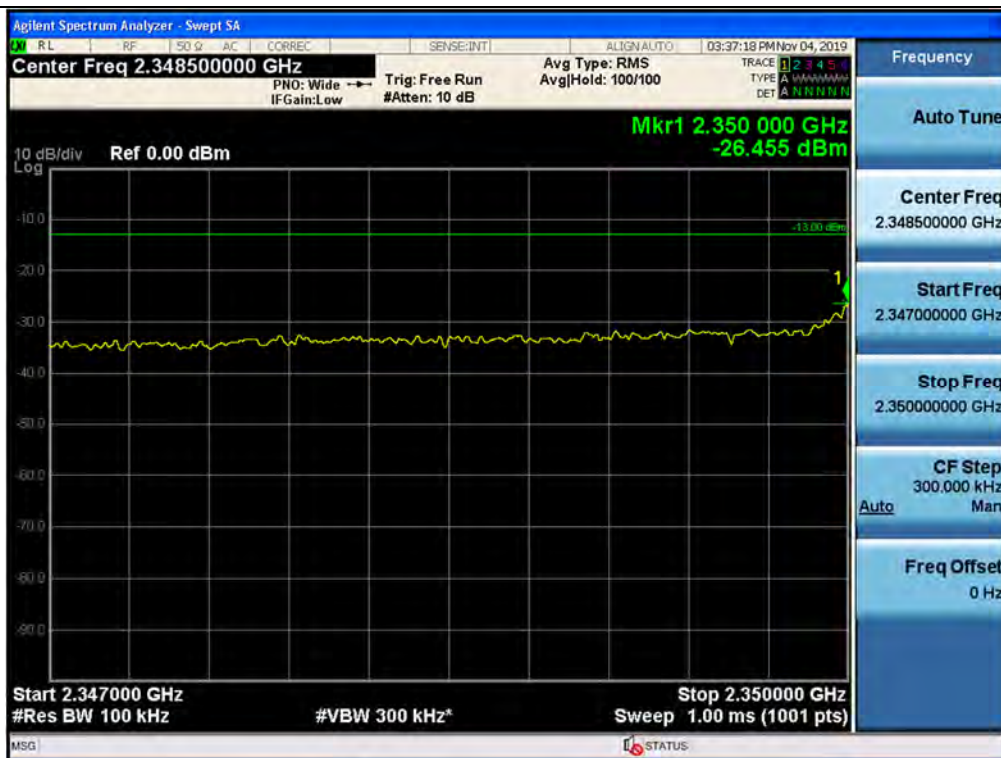
Out-of-band (single test signals) / WCS / Downlink / LTE 10 MHz / Lower



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



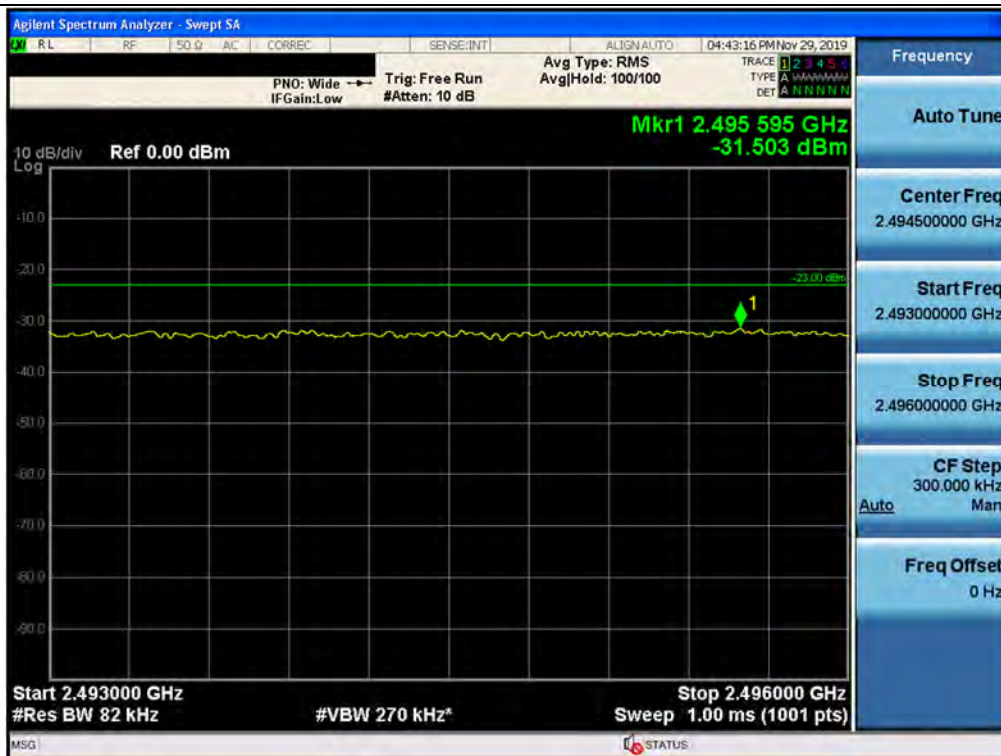
+3 dB above Out-of-band (single test signals) / WCS / Downlink / LTE 10 MHz / Lower



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



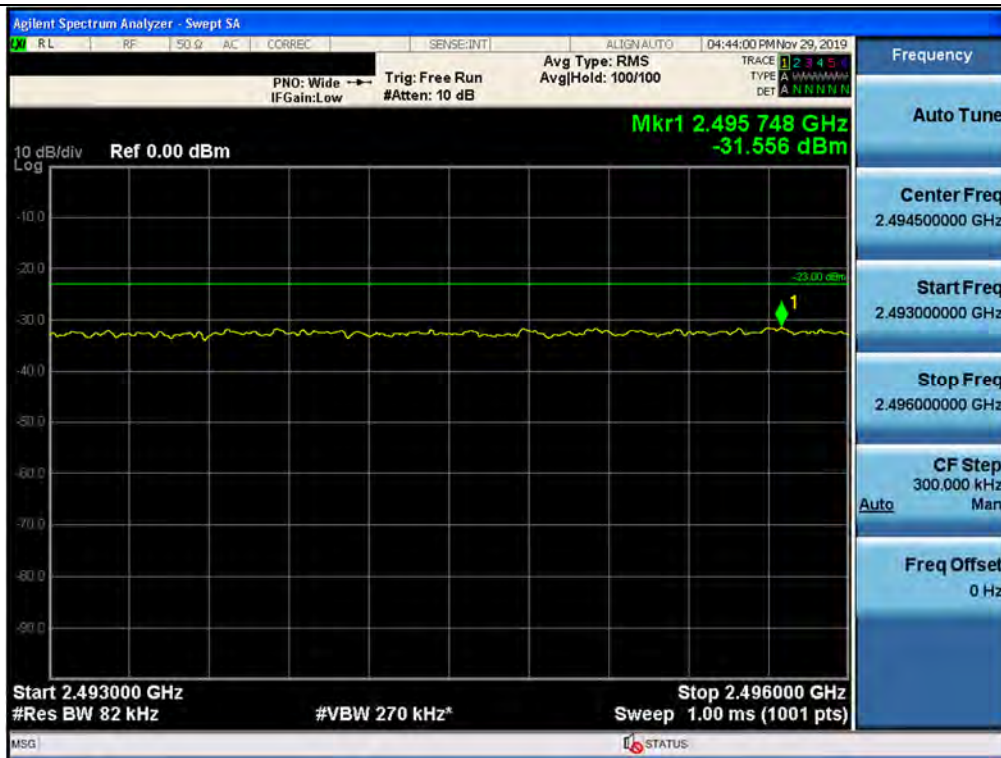
Out-of-band (single test signals) / BRS/EBS / Downlink / 5G NR 80M / Lower



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

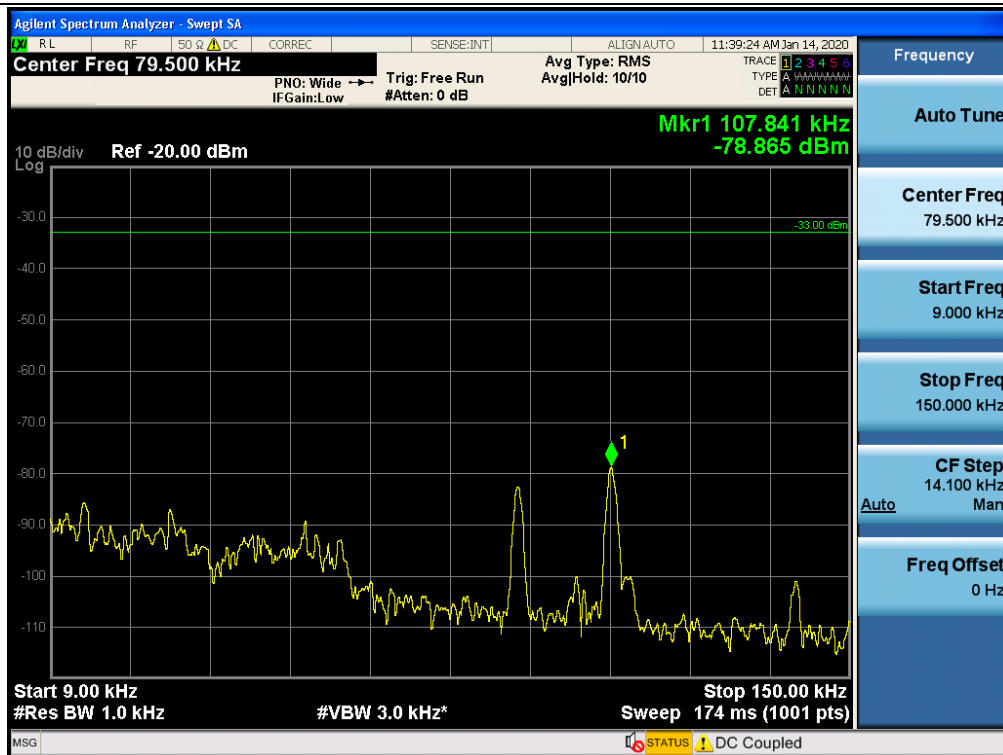


+3 dB above Out-of-band (single test signals) / BRS/EBS / Downlink / 5G NR 80M / Lower

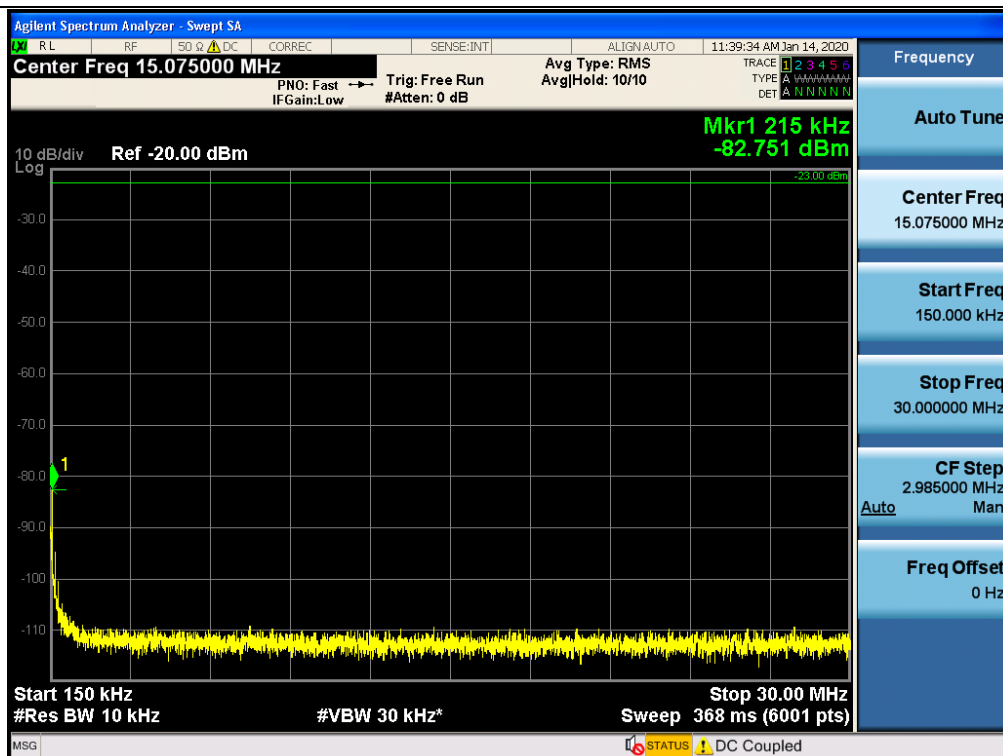


Plot data of Spurious Emissions

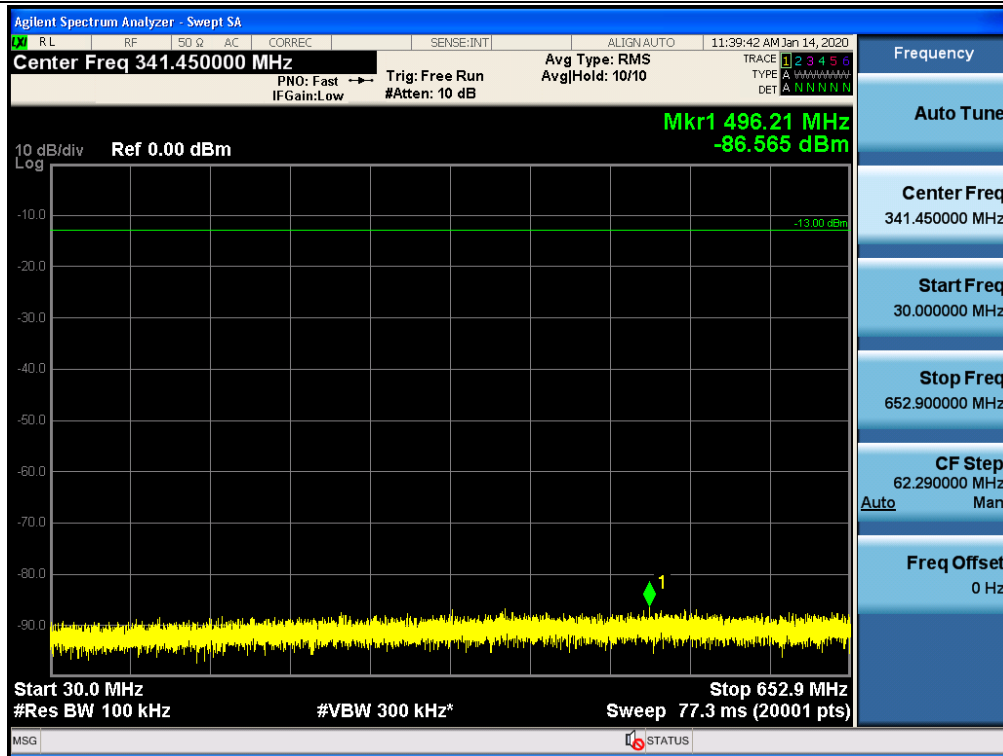
Spurious / 600 MHz / Uplink / LTE 20 MHz / Low / 9 kHz ~ 150 kHz



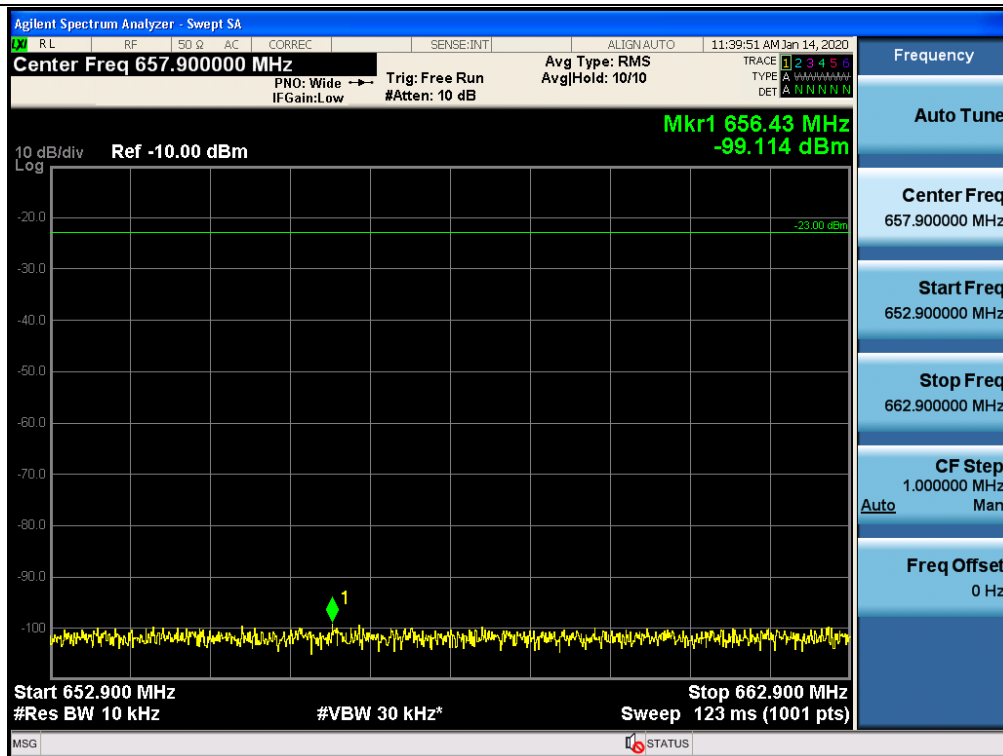
Spurious / 600 MHz / Uplink / LTE 20 MHz / Low / 150 kHz ~ 30 MHz



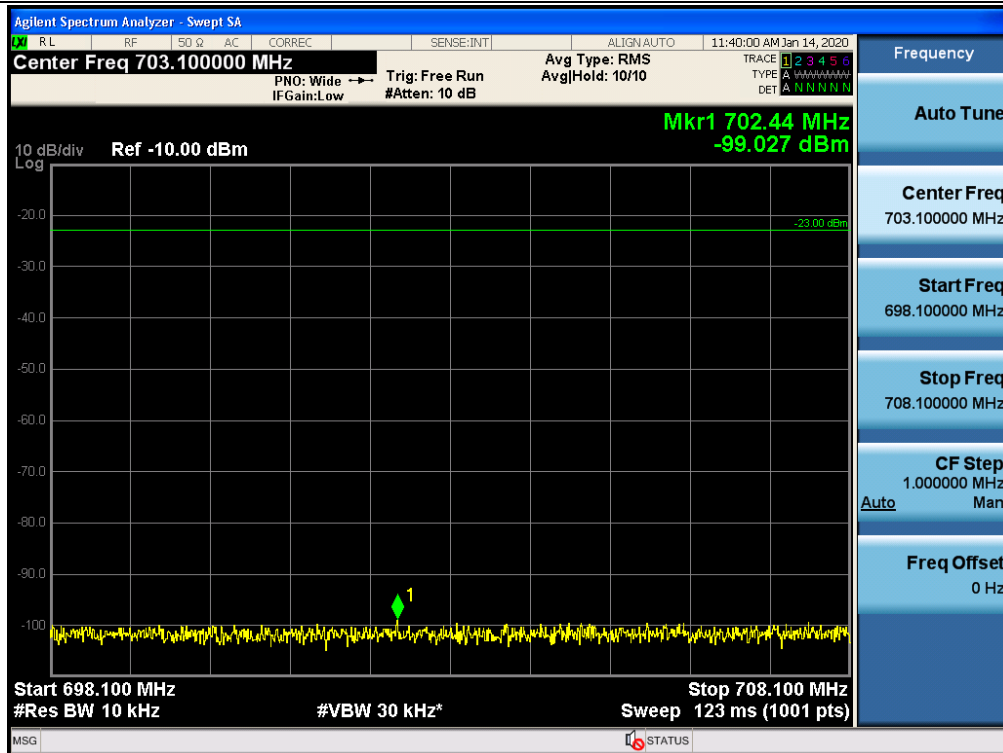
Spurious / 600 MHz / Uplink / LTE 20 MHz / Low / 30 MHz ~ Low Edge -110 kHz



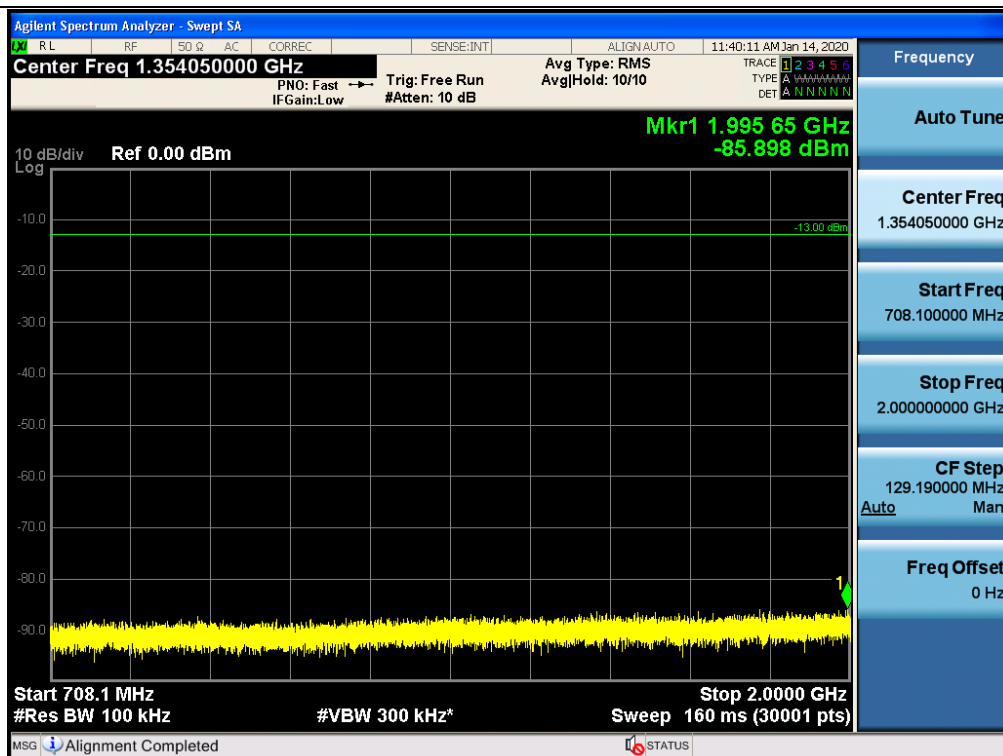
Spurious / 600 MHz / Uplink / LTE 20 MHz / Low / Low Edge - 110 kHz ~ Low Edge - 10 kHz



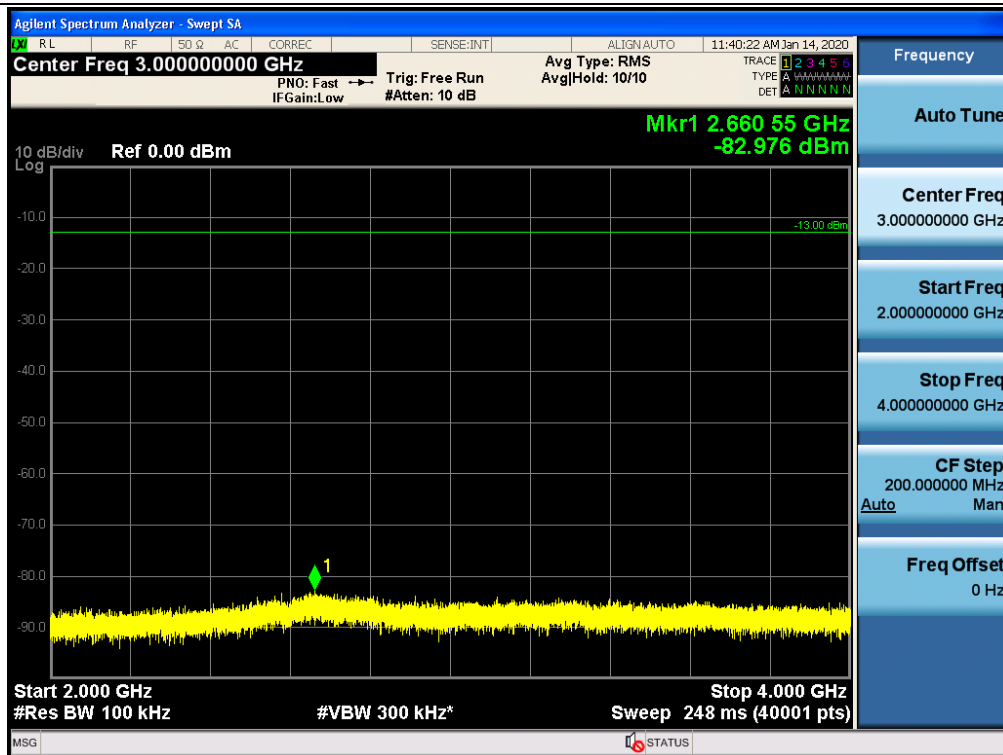
Spurious / 600 MHz / Uplink / LTE 20 MHz / Low / High Edge + 10 kHz ~ High Edge + 110 kHz



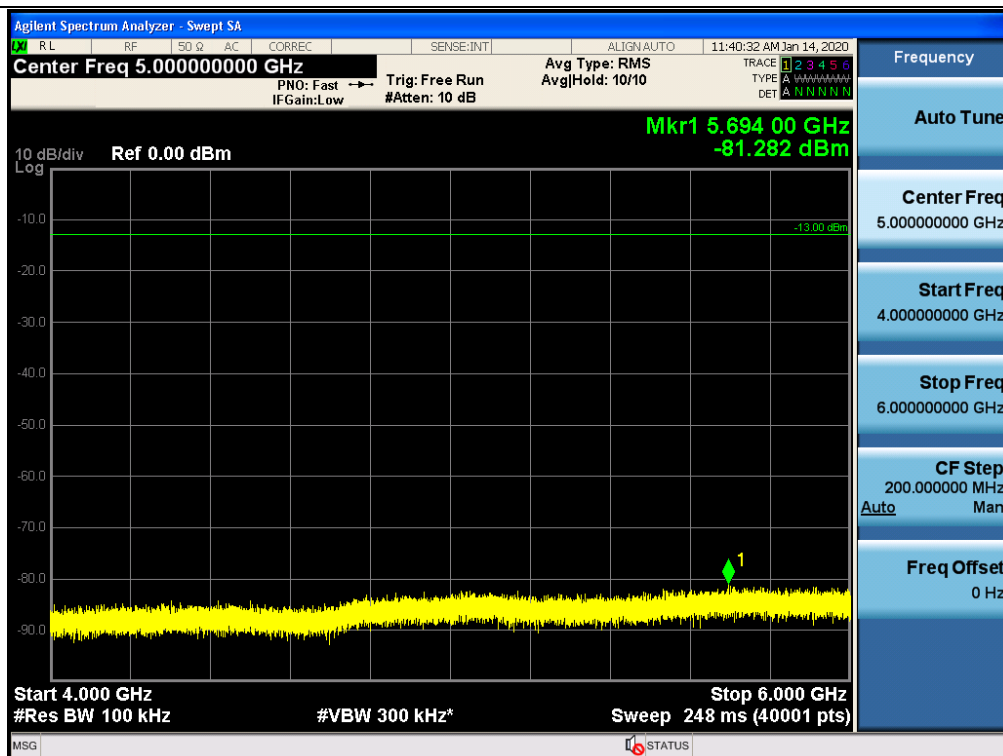
Spurious / 600 MHz / Uplink / LTE 20 MHz / Low / High Edge + 110 kHz ~ 1 GHz (10 GHz)



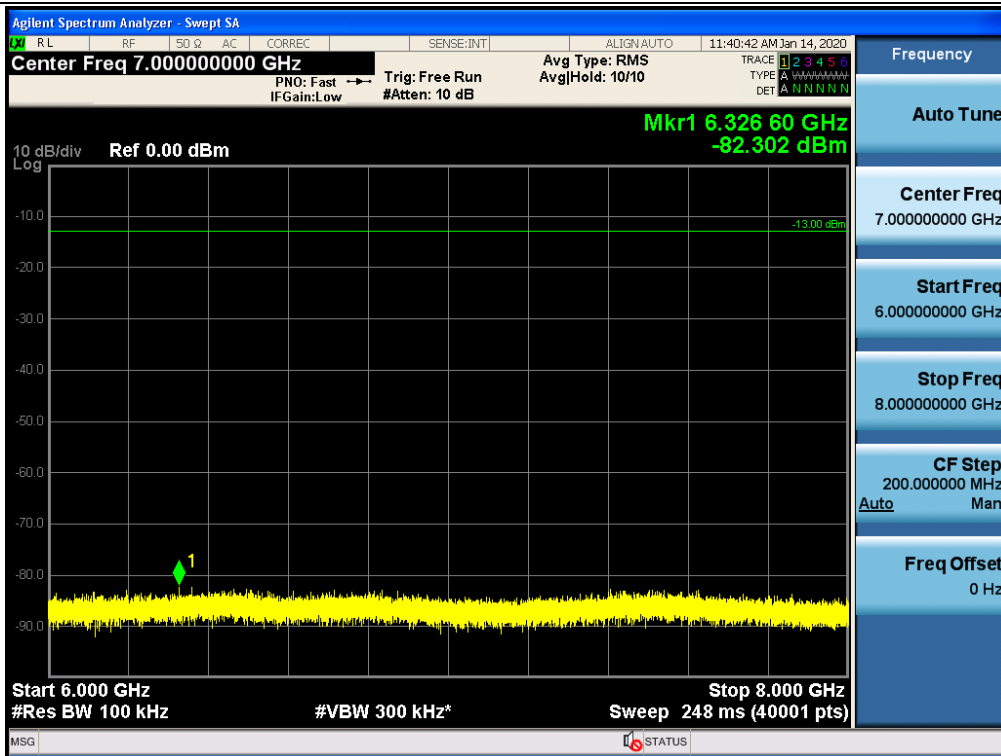
Spurious / 600 MHz / Uplink / LTE 20 MHz / Low / 1 GHz ~ 10 GHz (2 GHz ~ 4 GHz)



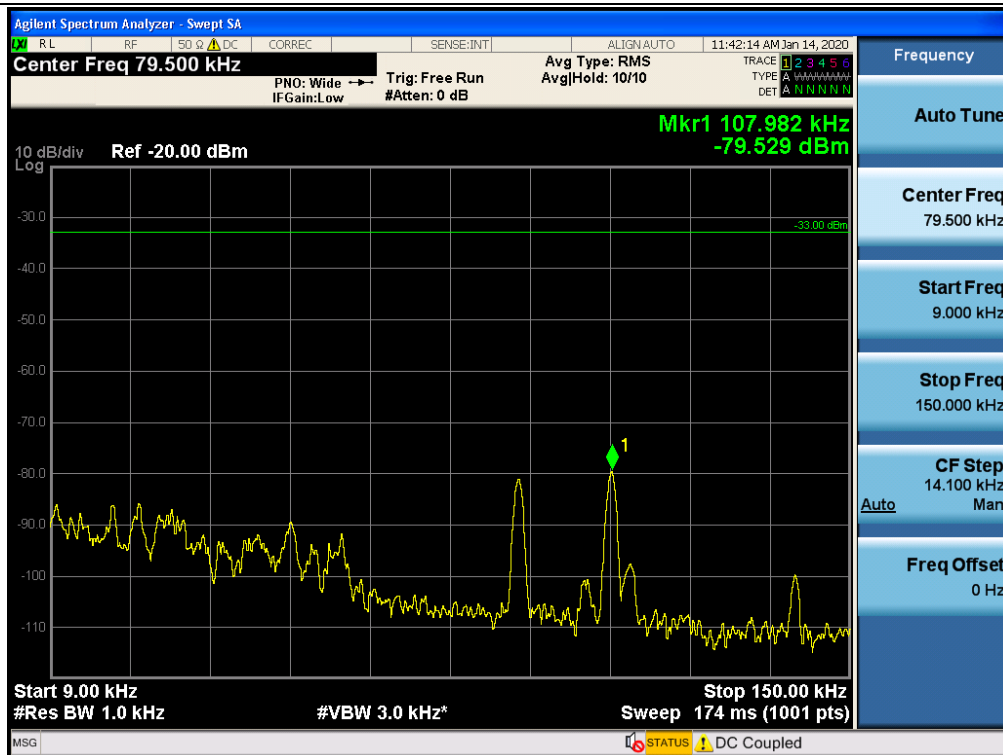
Spurious / 600 MHz / Uplink / LTE 20 MHz / Low / 4 GHz ~ 6 GHz



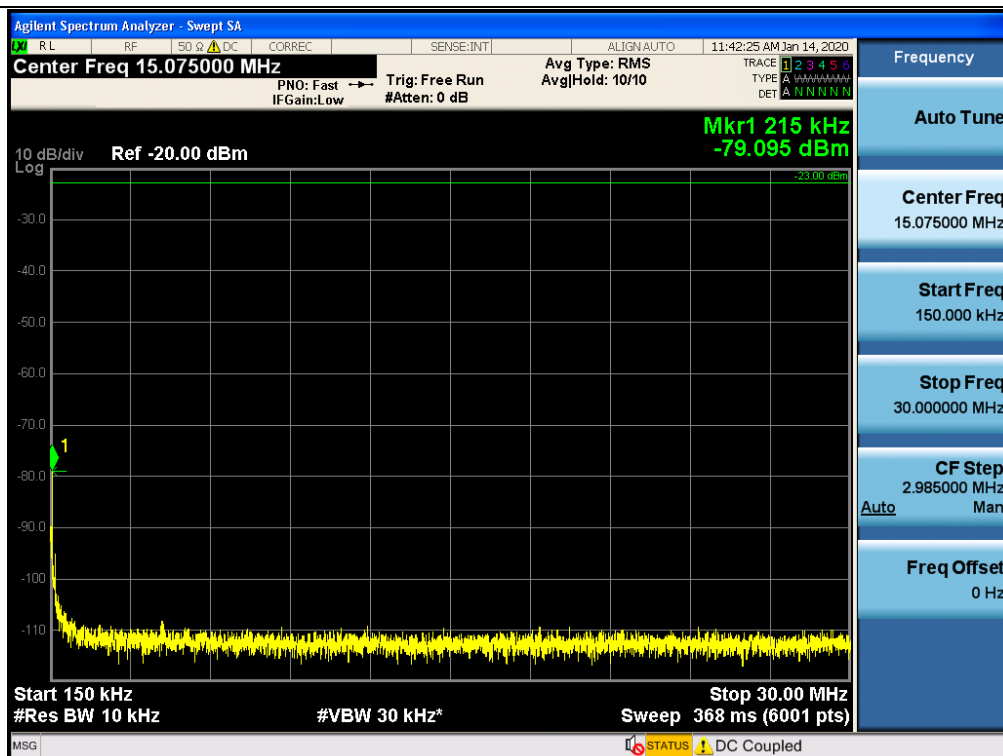
Spurious / 600 MHz / Uplink / LTE 20 MHz / Low / 6 GHz ~ 8 GHz



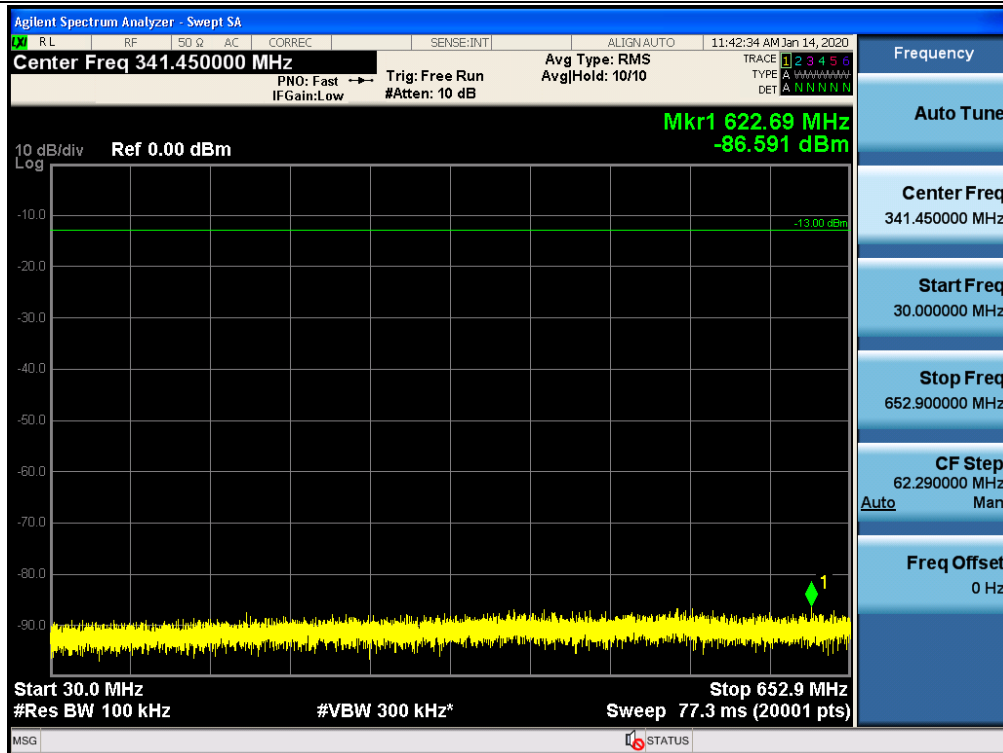
Spurious / 600 MHz / Uplink / LTE 20 MHz / Middle / 9 kHz ~ 150 kHz



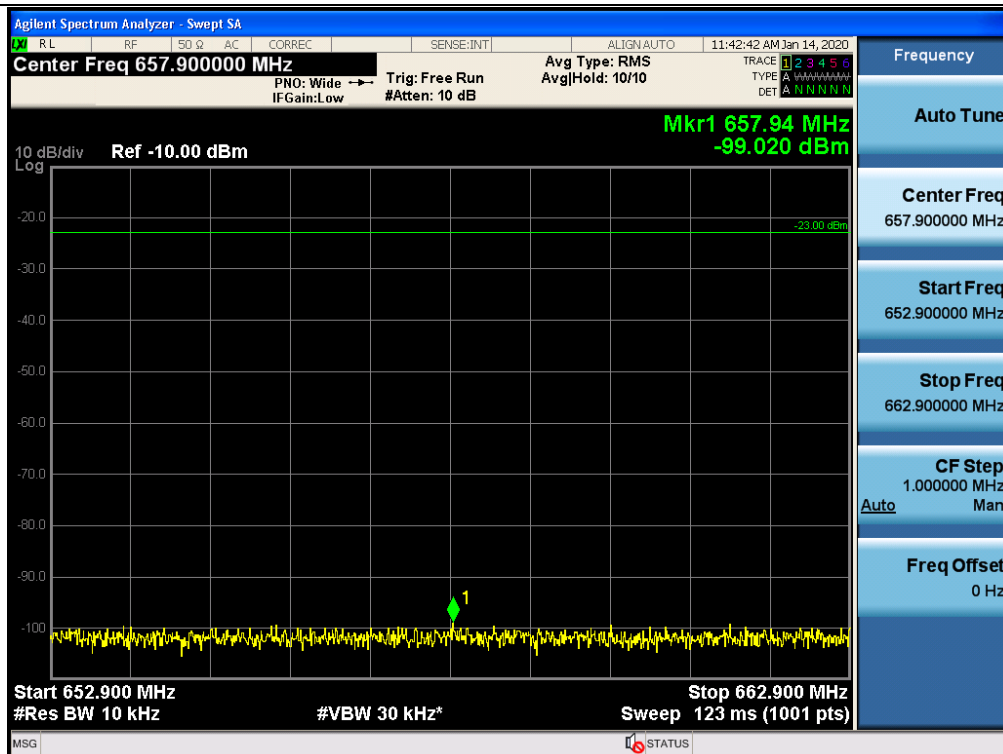
Spurious / 600 MHz / Uplink / LTE 20 MHz / Middle / 150 kHz ~ 30 MHz



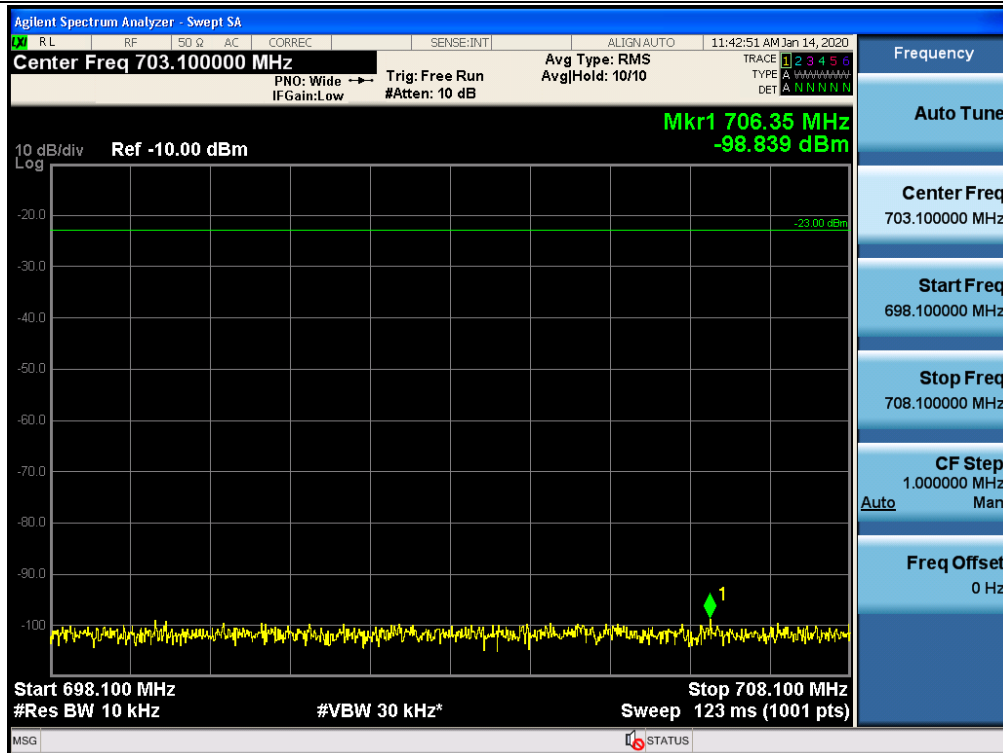
Spurious / 600 MHz / Uplink / LTE 20 MHz / Middle / 30 MHz ~ Low Edge -110 kHz



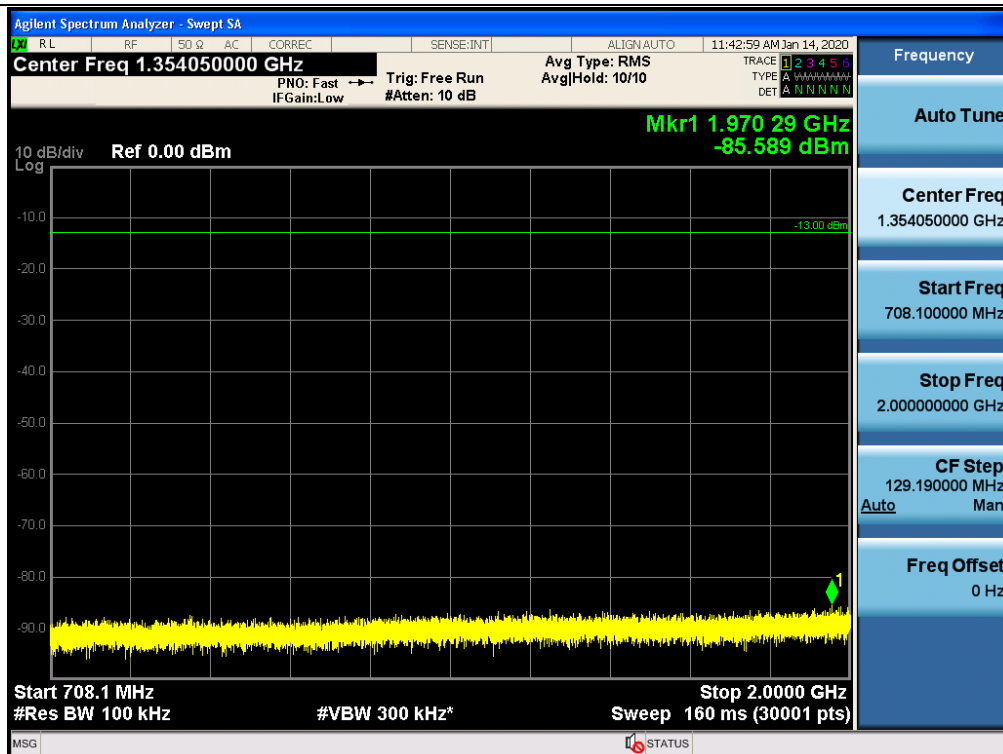
Spurious / 600 MHz / Uplink / LTE 20 MHz / Middle / Low Edge - 110 kHz ~ Low Edge - 10 kHz



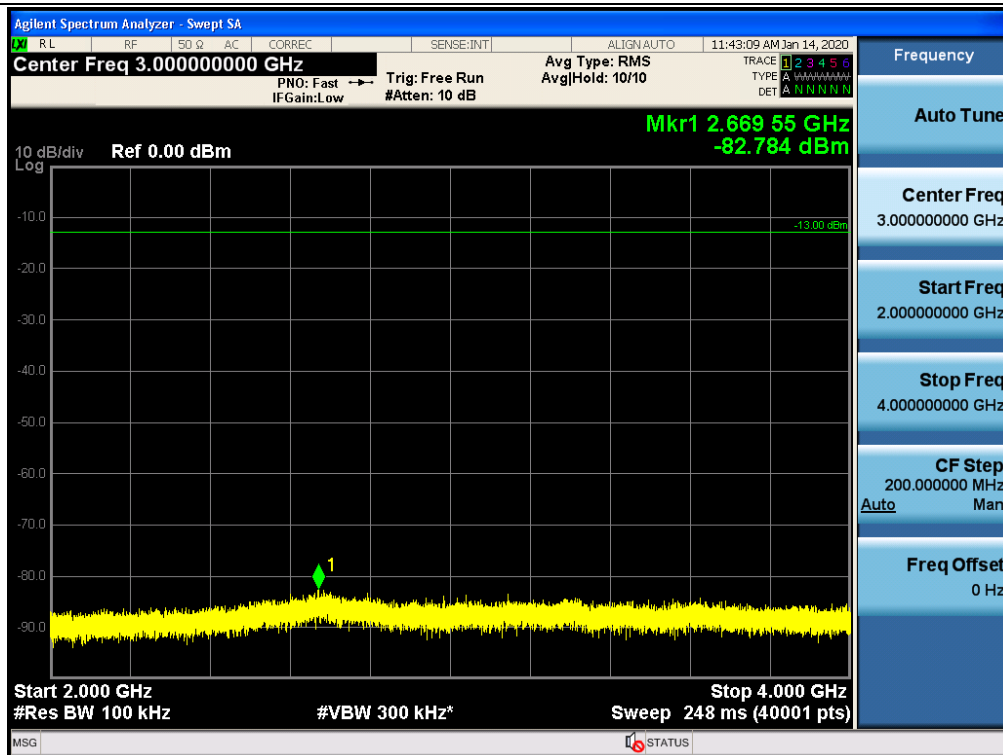
Spurious / 600 MHz / Uplink / LTE 20 MHz / Middle / High Edge + 10 kHz ~ High Edge + 110 kHz



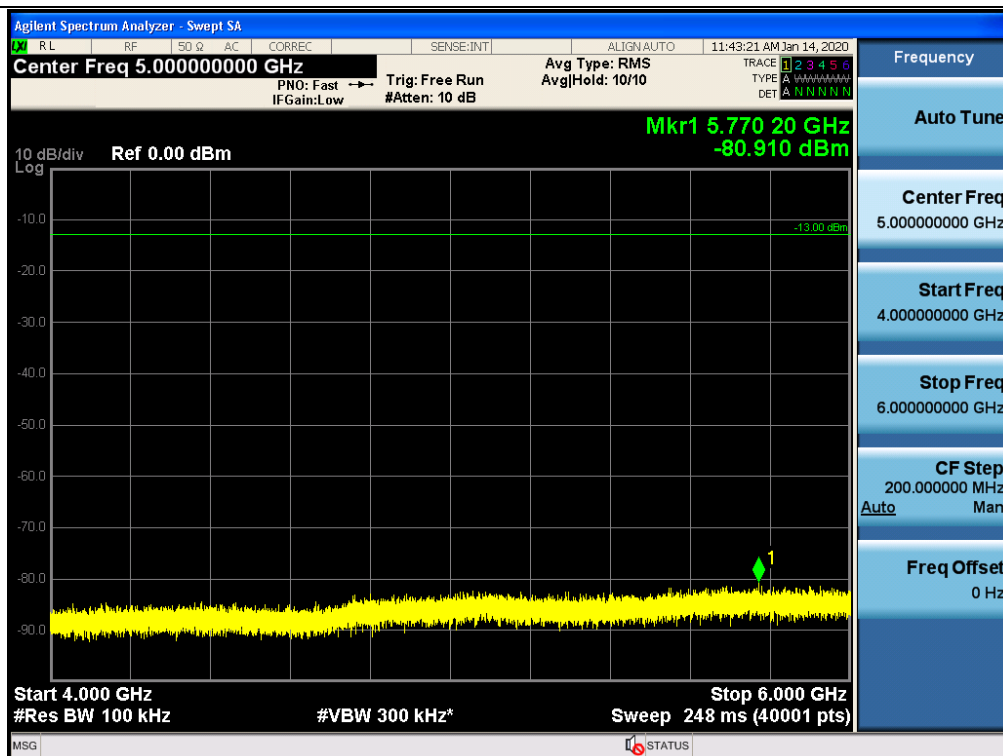
Spurious / 600 MHz / Uplink / LTE 20 MHz / Middle / High Edge + 110 kHz ~ 1 GHz (10 GHz)



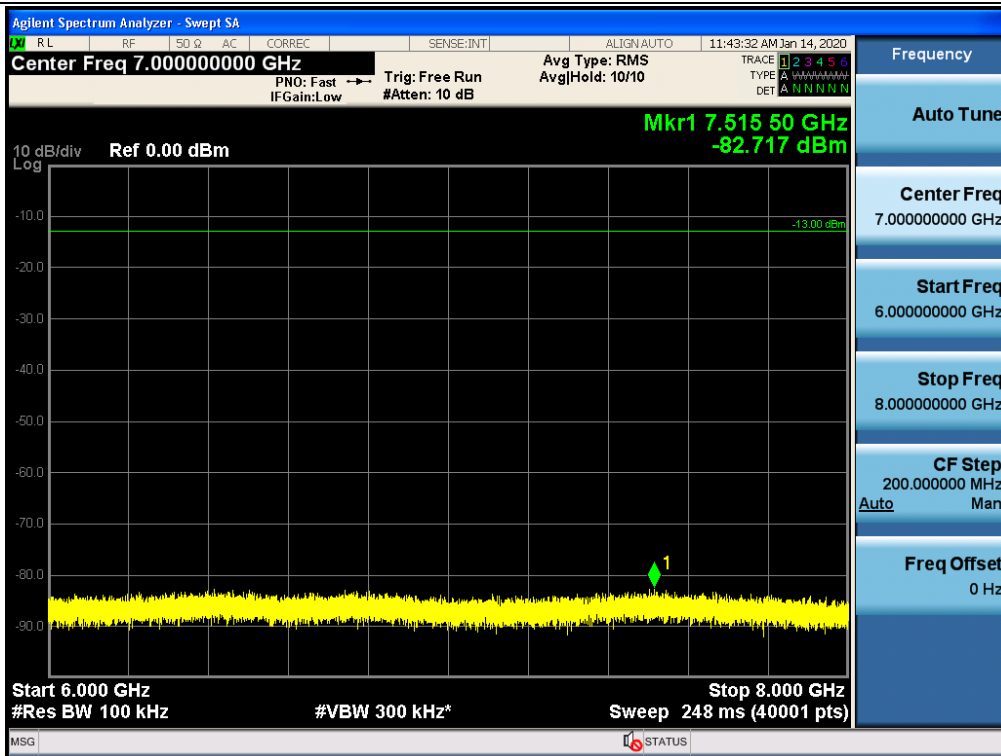
Spurious / 600 MHz / Uplink / LTE 20 MHz / Middle / 1 GHz ~ 10 GHz (2 GHz ~ 4 GHz)



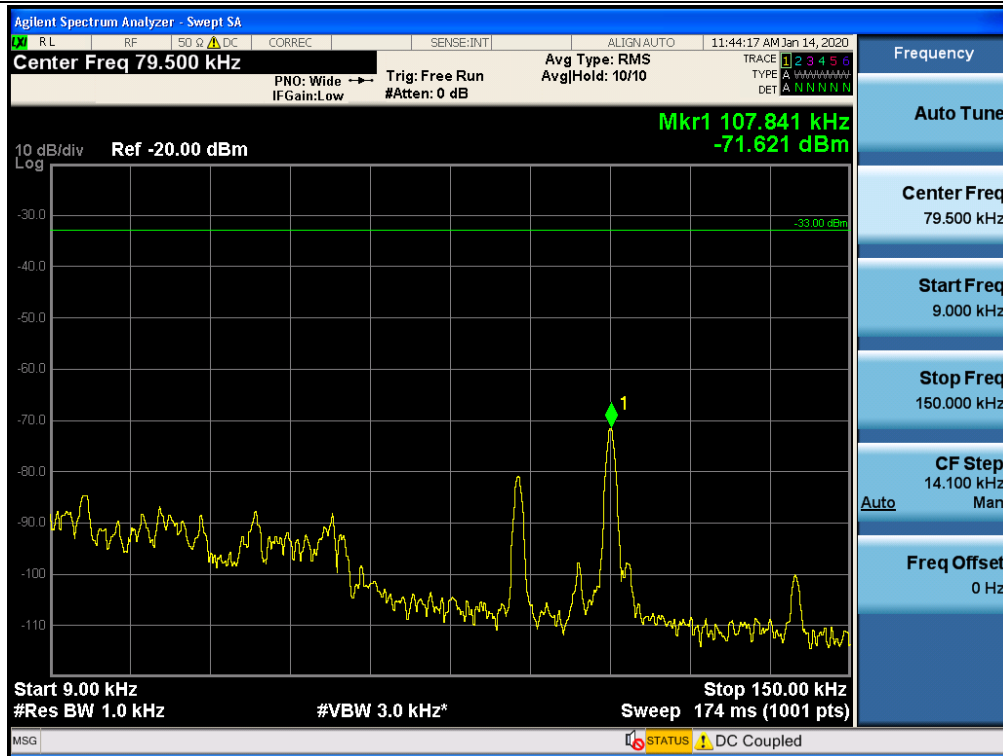
Spurious / 600 MHz / Uplink / LTE 20 MHz / Middle / 4 GHz ~ 6 GHz



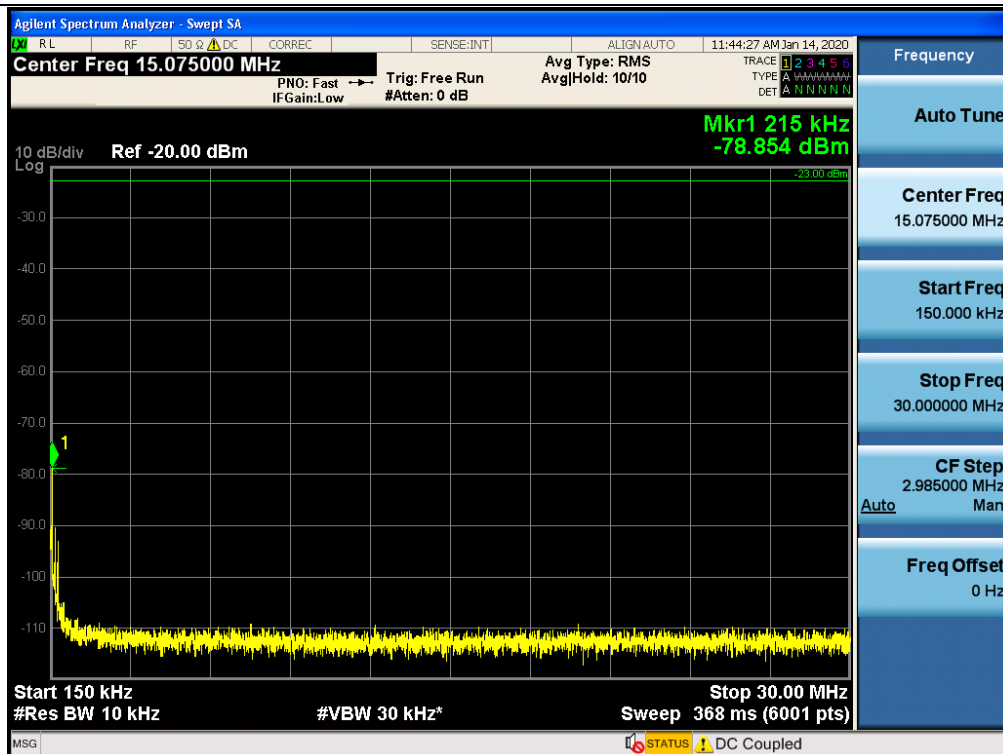
Spurious / 600 MHz / Uplink / LTE 20 MHz / Middle / 6 GHz ~ 8 GHz



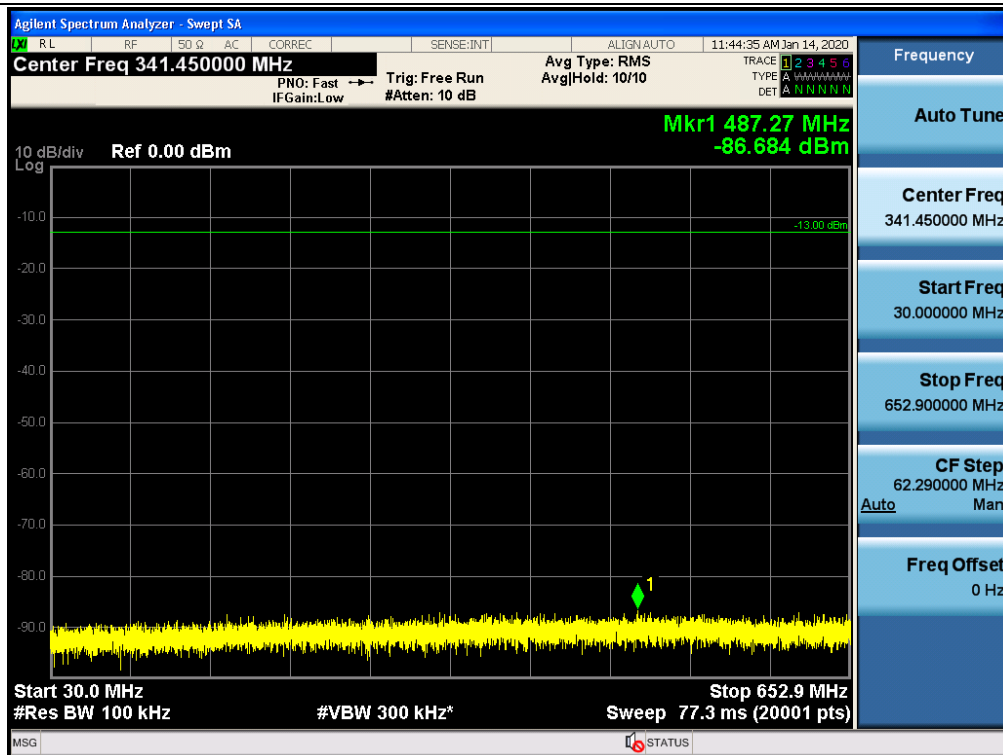
Spurious / 600 MHz / Uplink / LTE 20 MHz / High / 9 kHz ~ 150 kHz



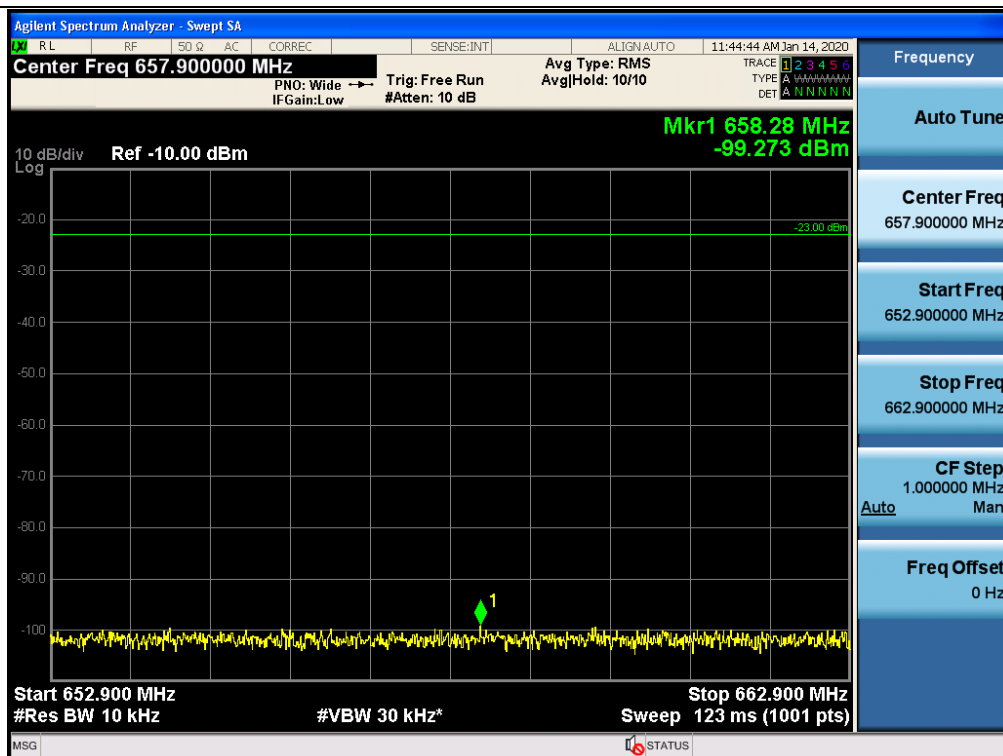
Spurious / 600 MHz / Uplink / LTE 20 MHz / High / 150 kHz ~ 30 MHz



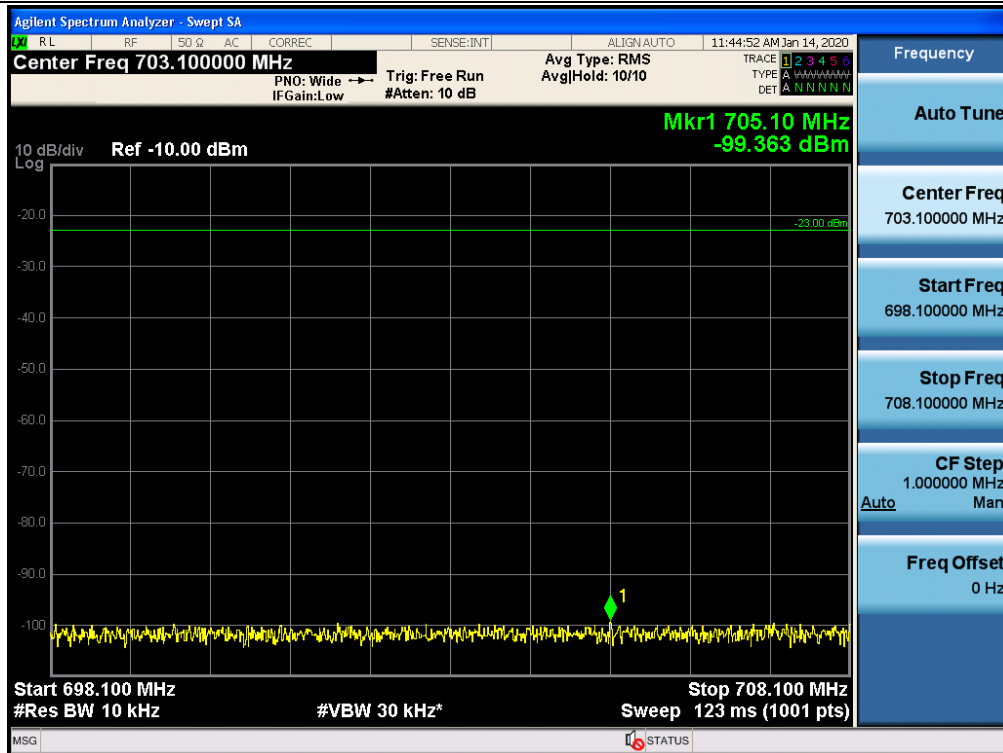
Spurious / 600 MHz / Uplink / LTE 20 MHz / High / 30 MHz ~ Low Edge -110 kHz



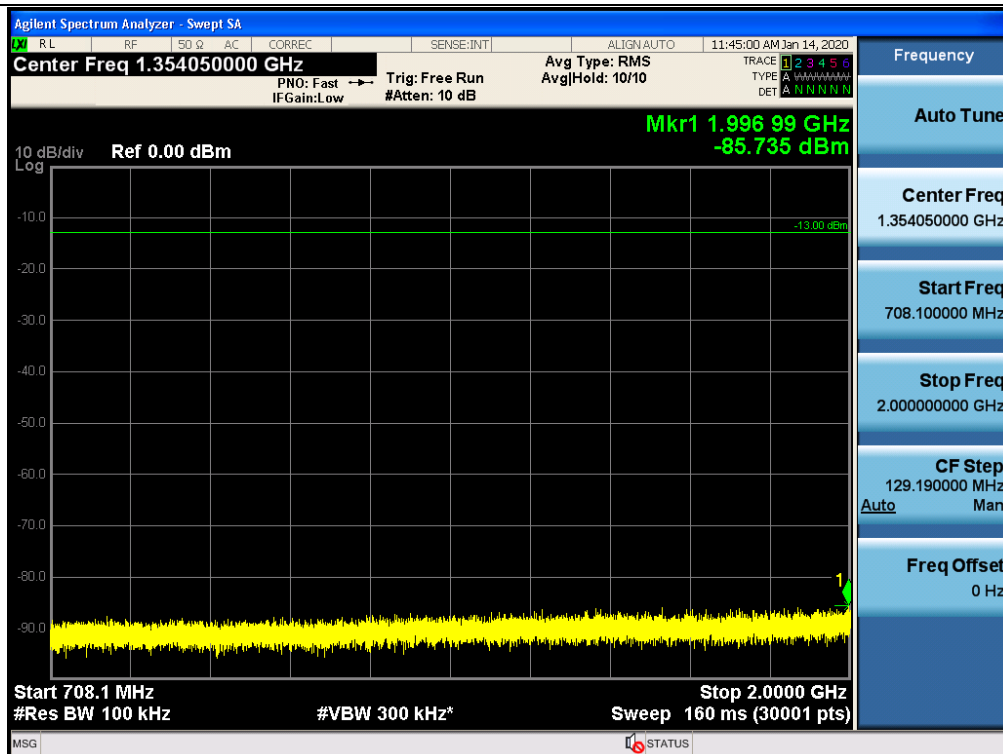
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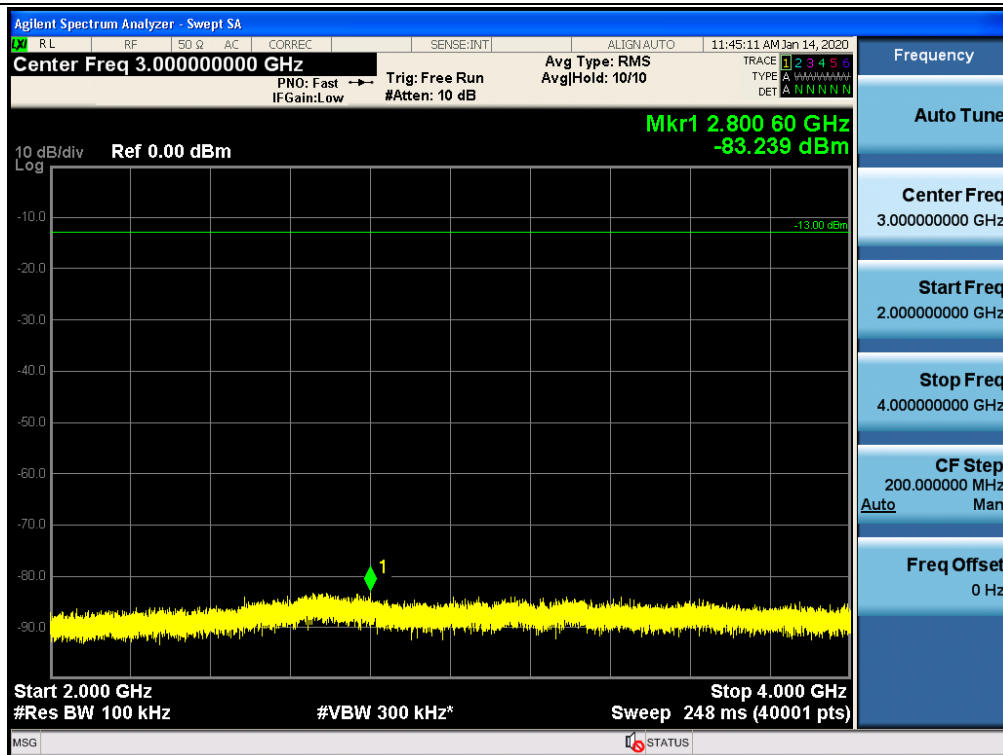
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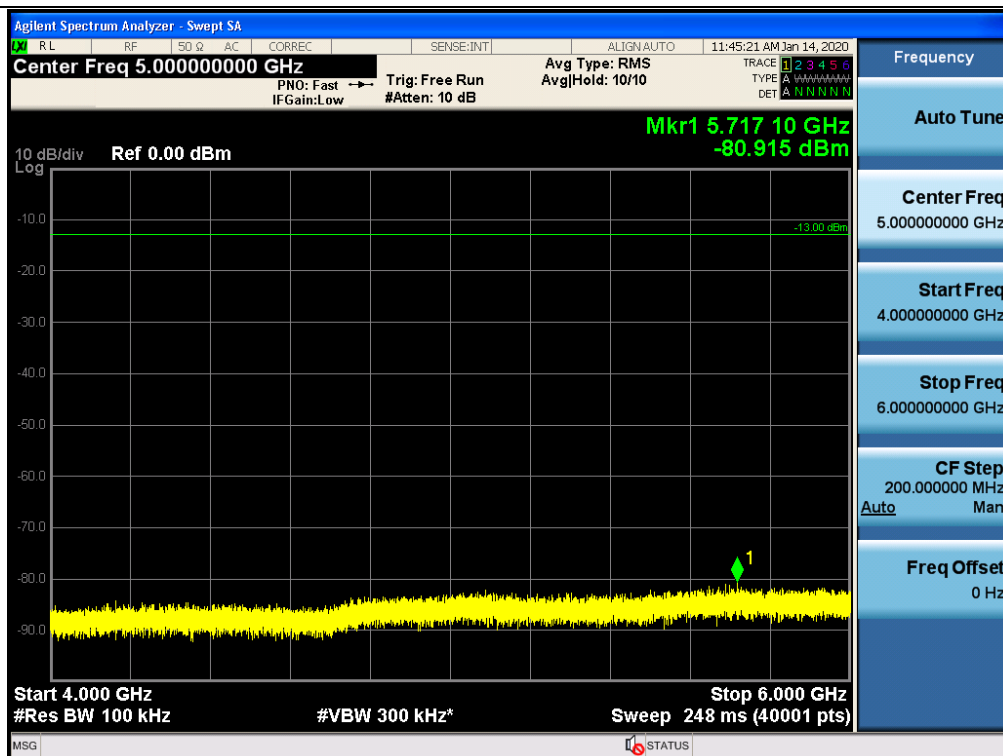
Spurious / 600 MHz / Uplink / LTE 20 MHz / High / High Edge + 110 kHz ~ 1 GHz (10 GHz)



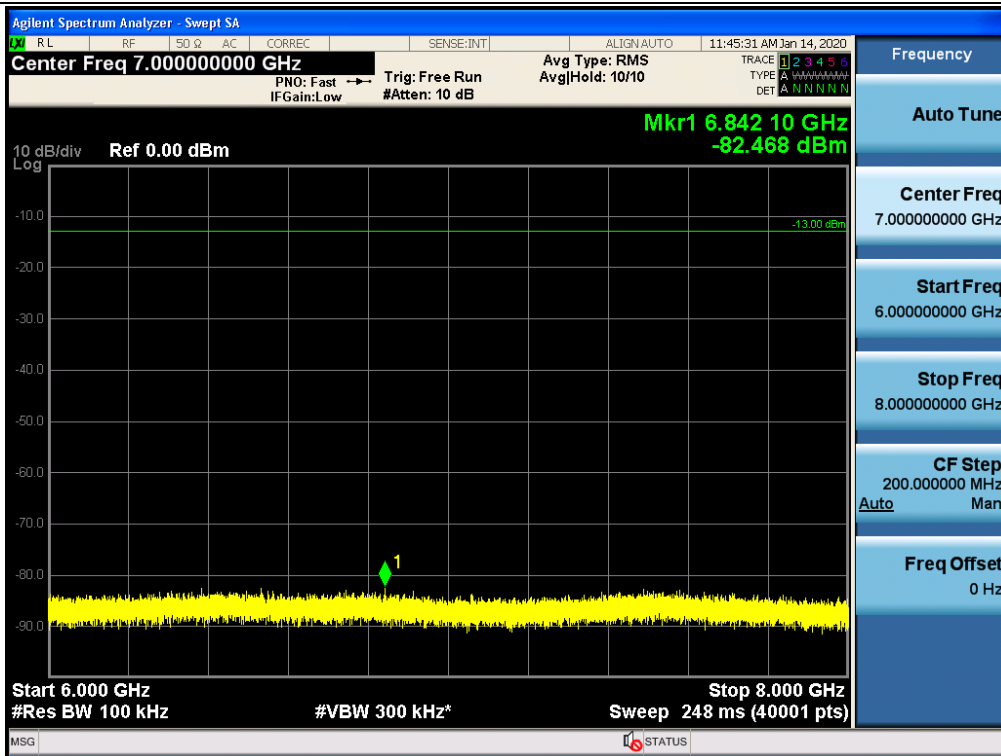
Spurious / 600 MHz / Uplink / LTE 20 MHz / High / 1 GHz ~ 10 GHz (2 GHz ~ 4 GHz)



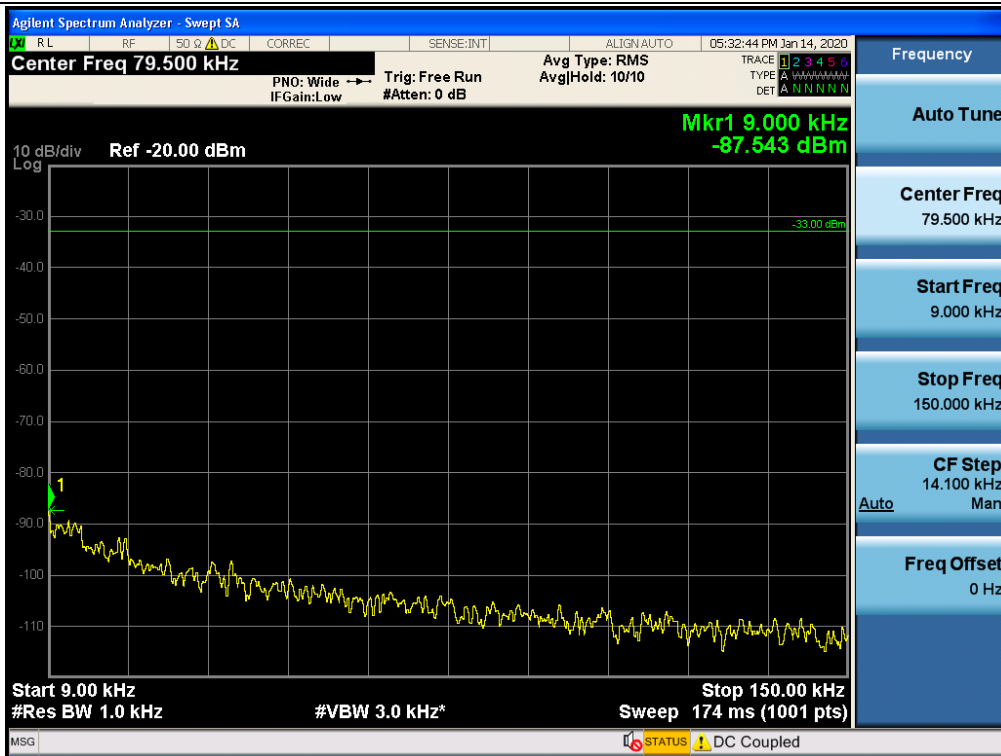
Spurious / 600 MHz / Uplink / LTE 20 MHz / High / 4 GHz ~ 6 GHz



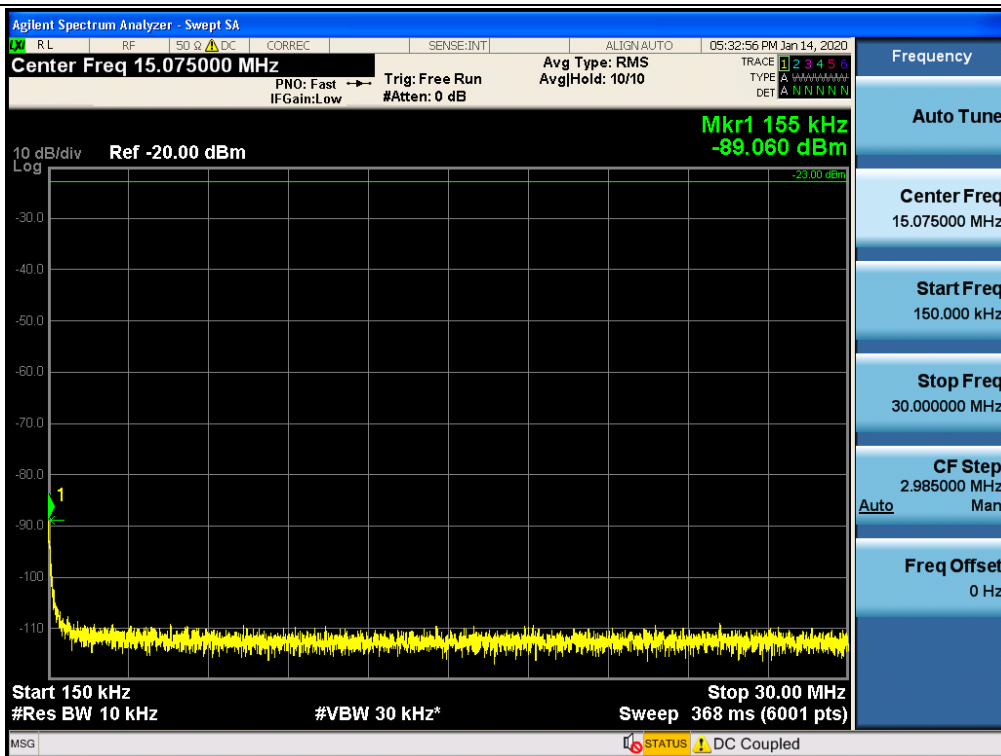
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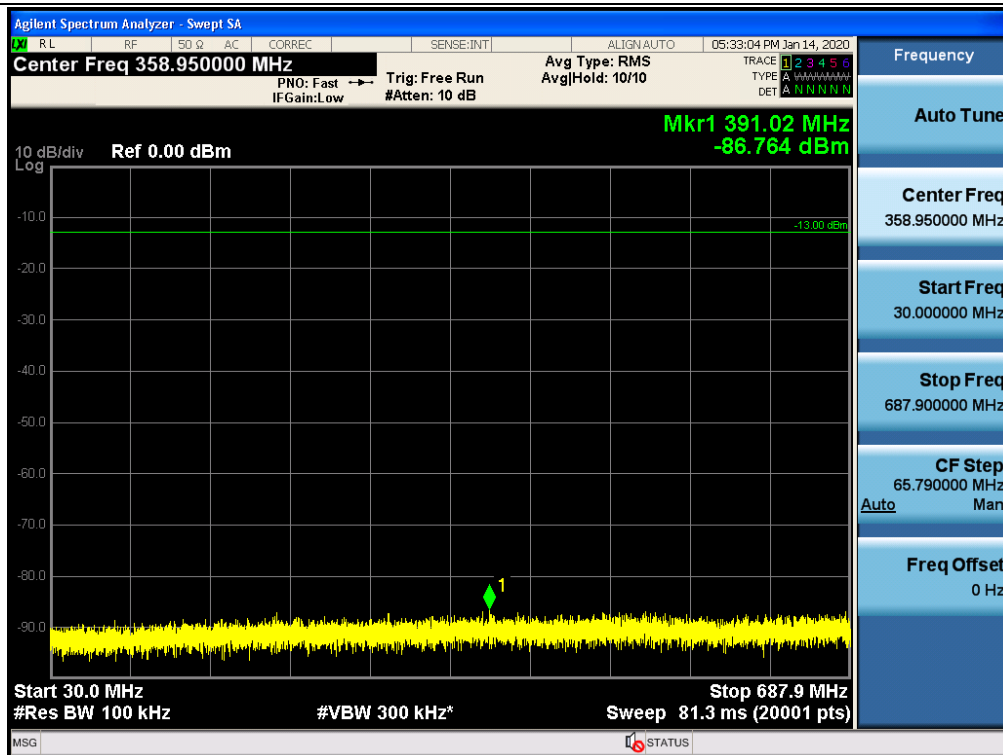
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Low / 9 kHz ~ 150 kHz



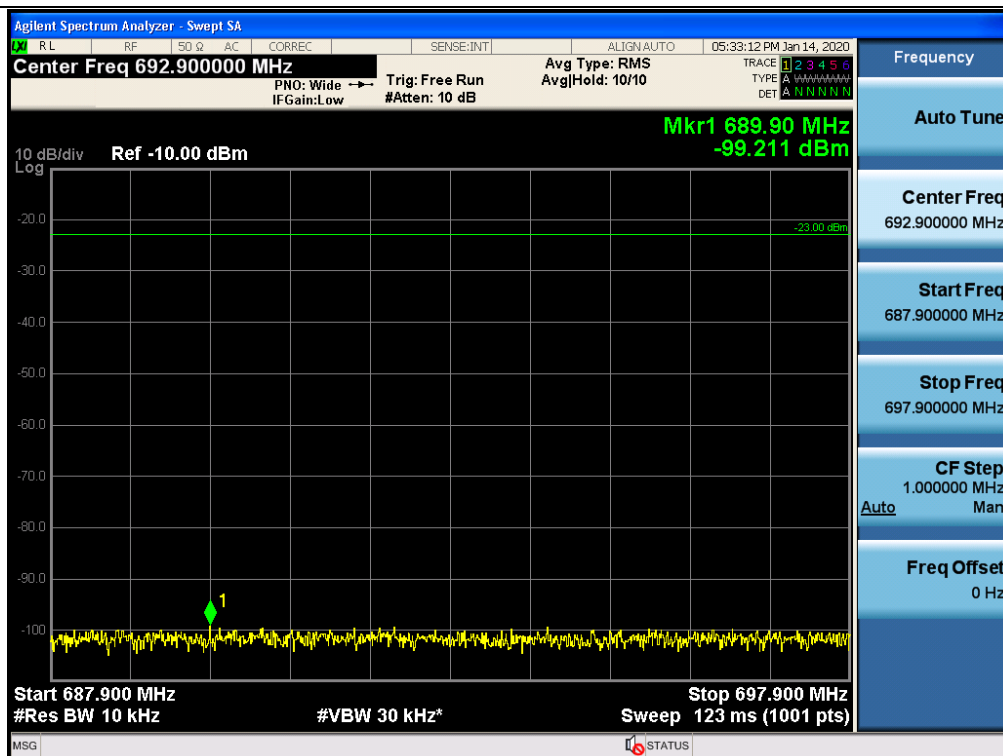
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Low / 150 kHz ~ 30 MHz



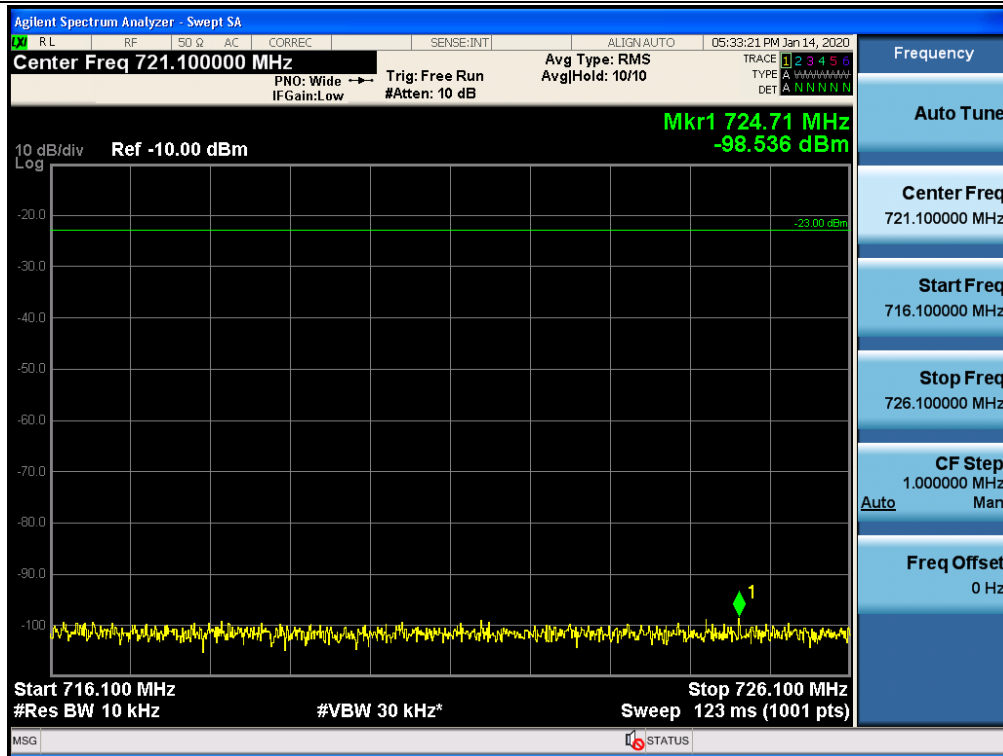
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Low / 30 MHz ~ Low Edge -110 kHz



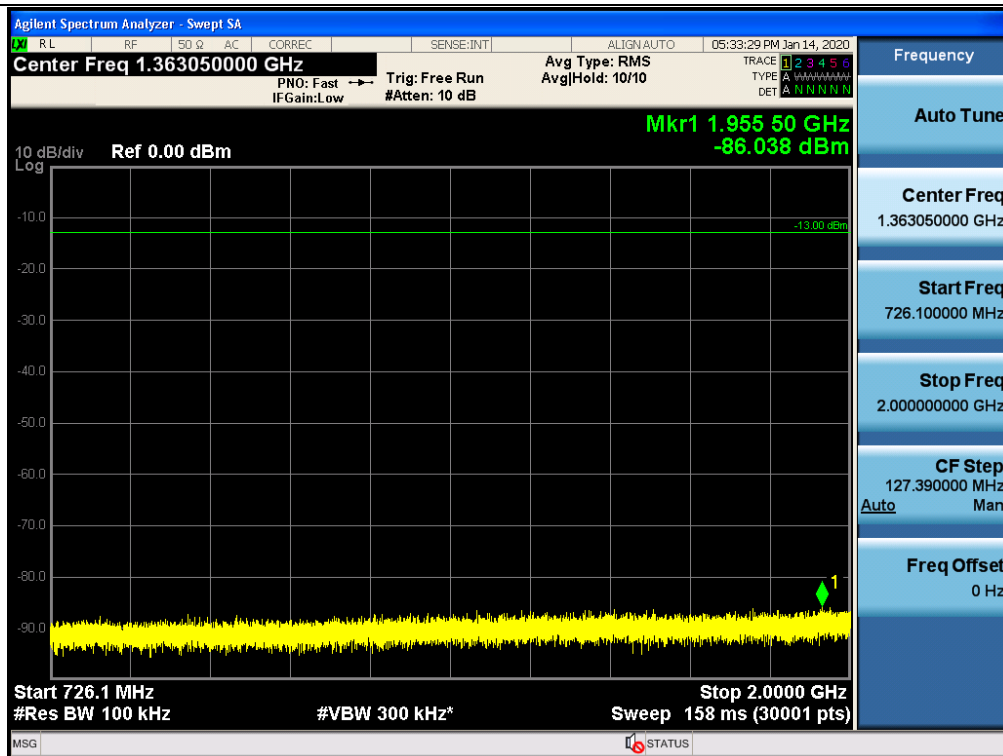
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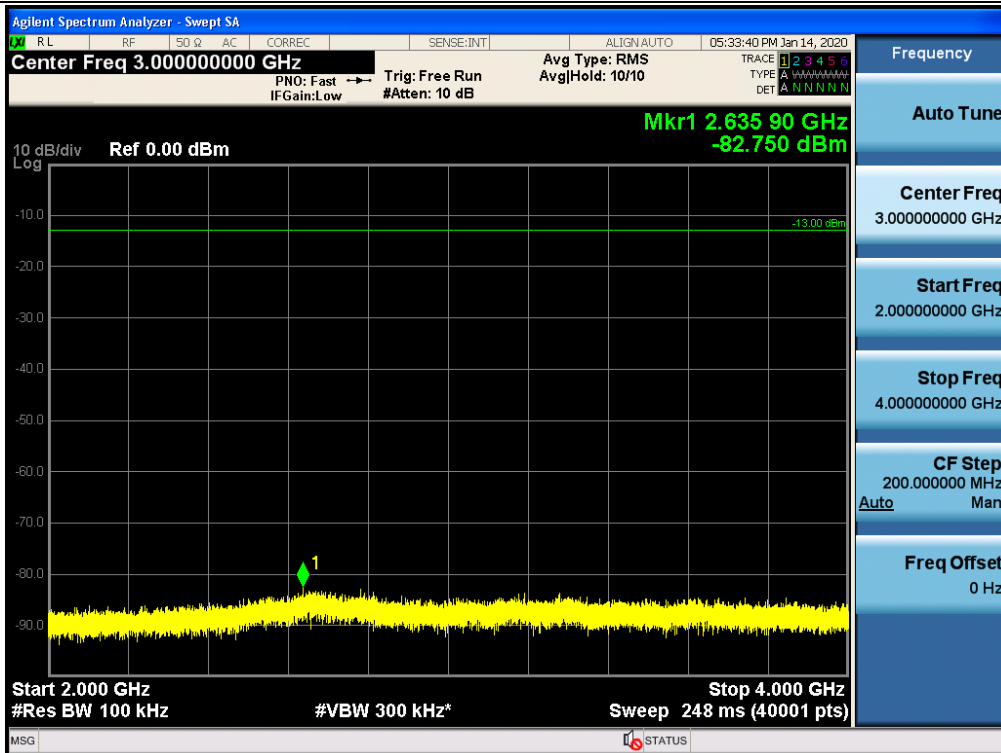
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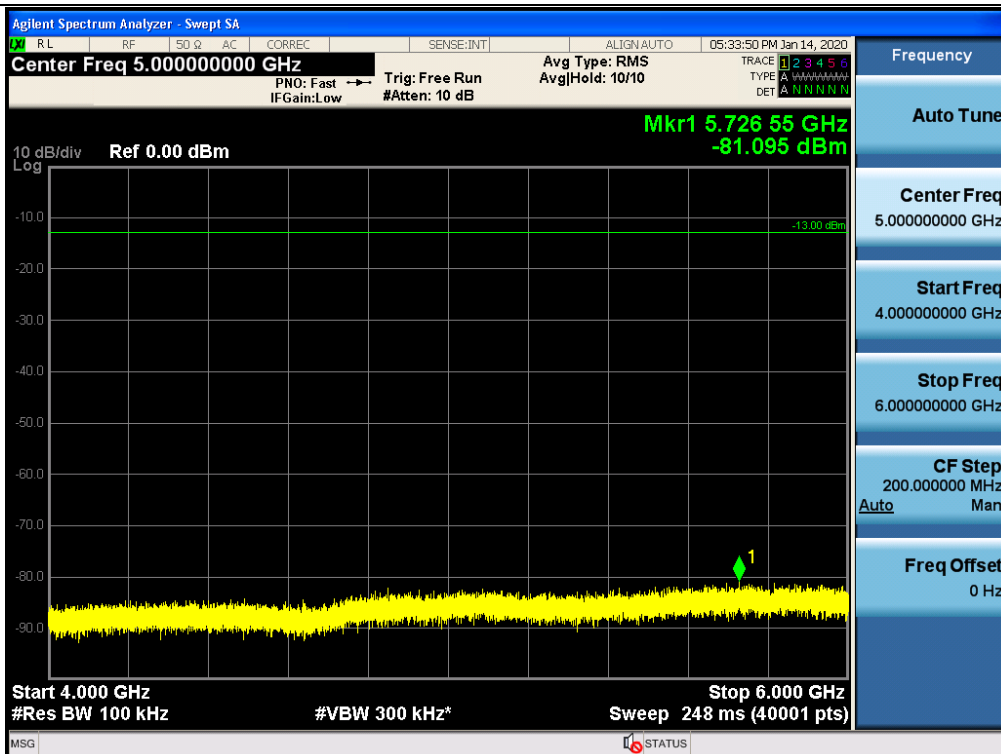
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Low / High Edge + 110 kHz ~ 1 GHz (10 GHz)



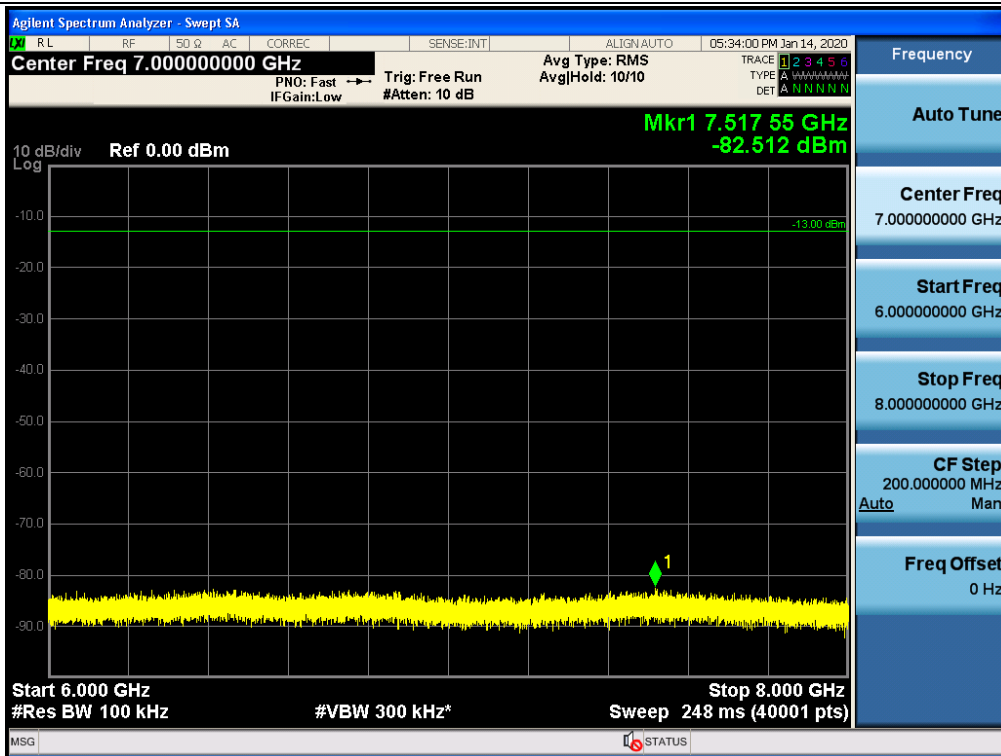
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Low / 1 GHz ~ 10 GHz (2 GHz ~ 4 GHz)



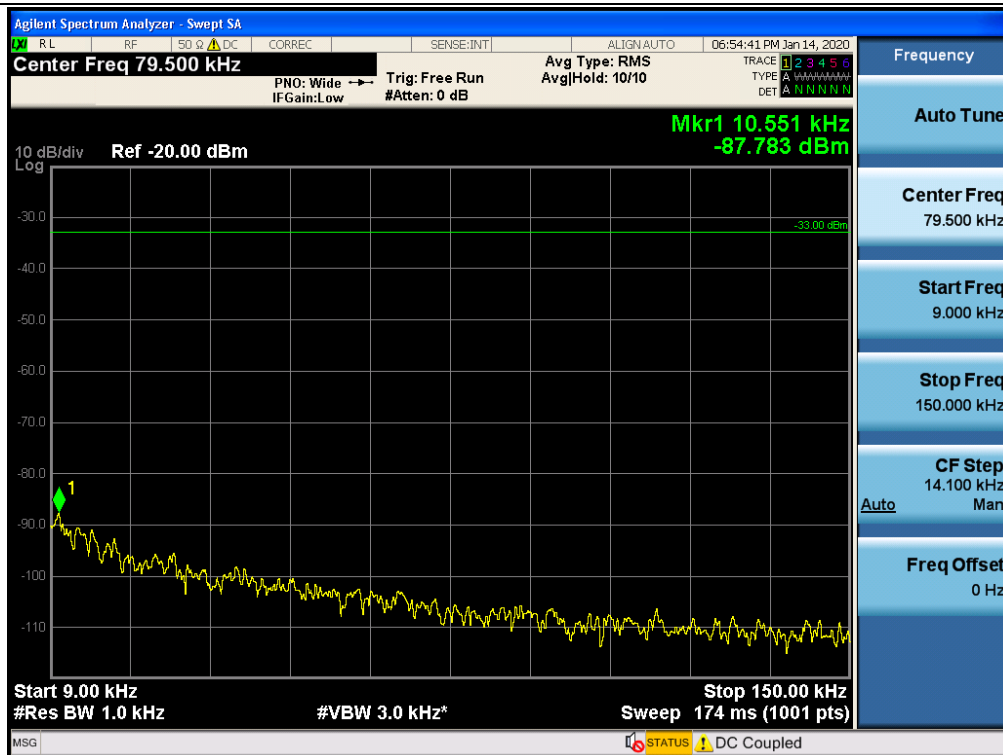
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Low / 4 GHz ~ 6 GHz



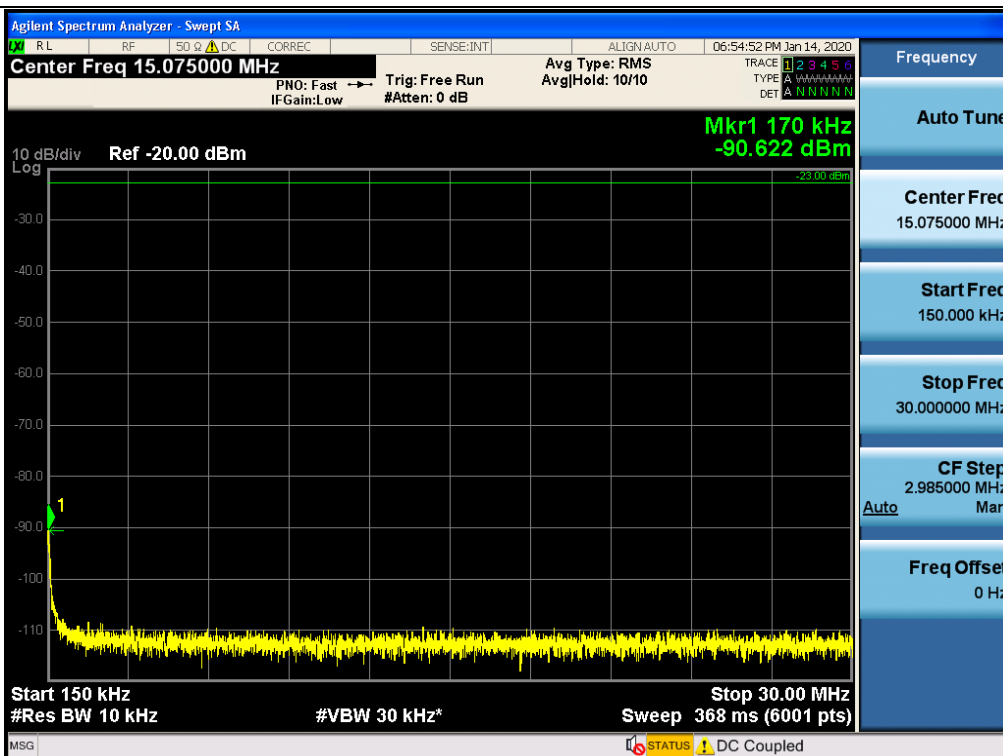
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Low / 6 GHz ~ 8 GHz



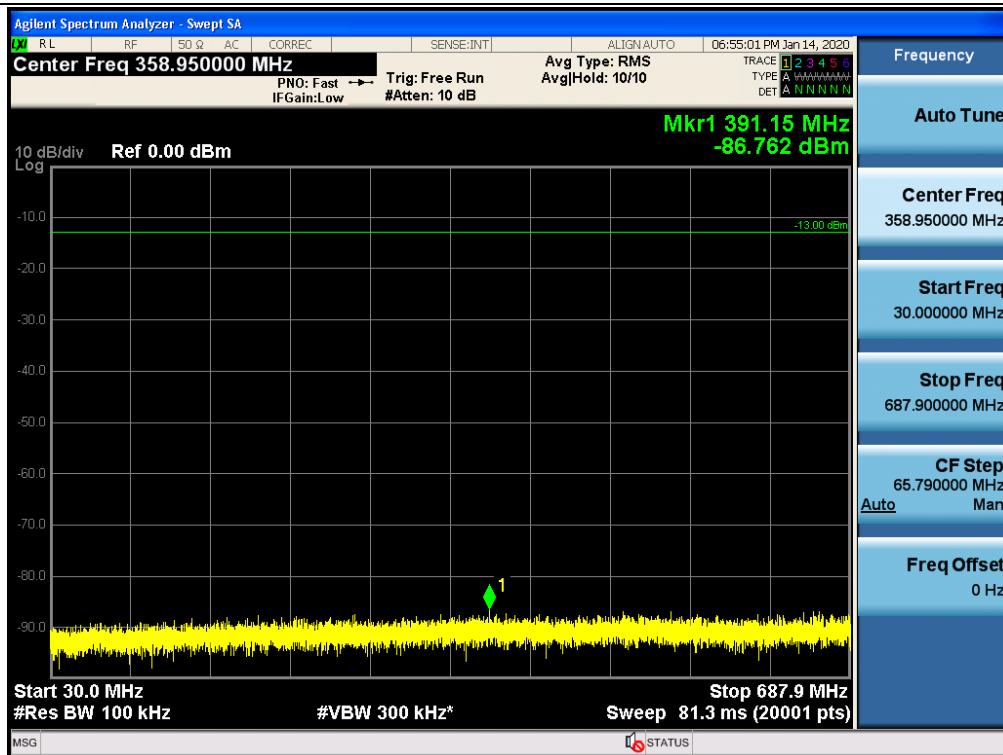
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Middle / 9 kHz ~ 150 kHz



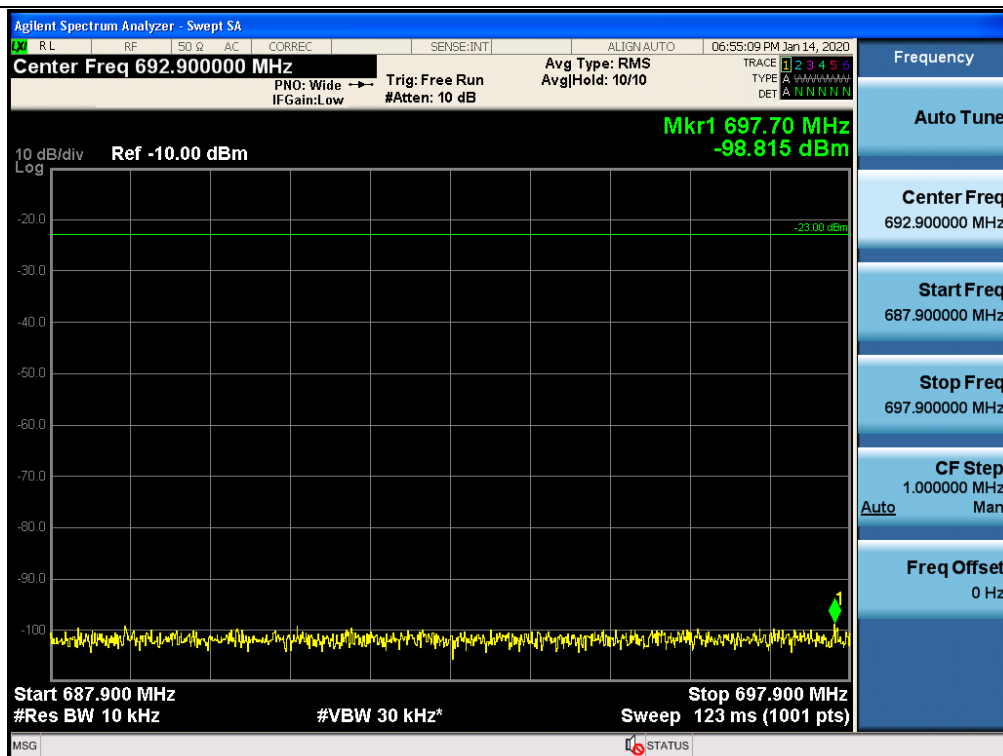
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Middle / 150 kHz ~ 30 MHz



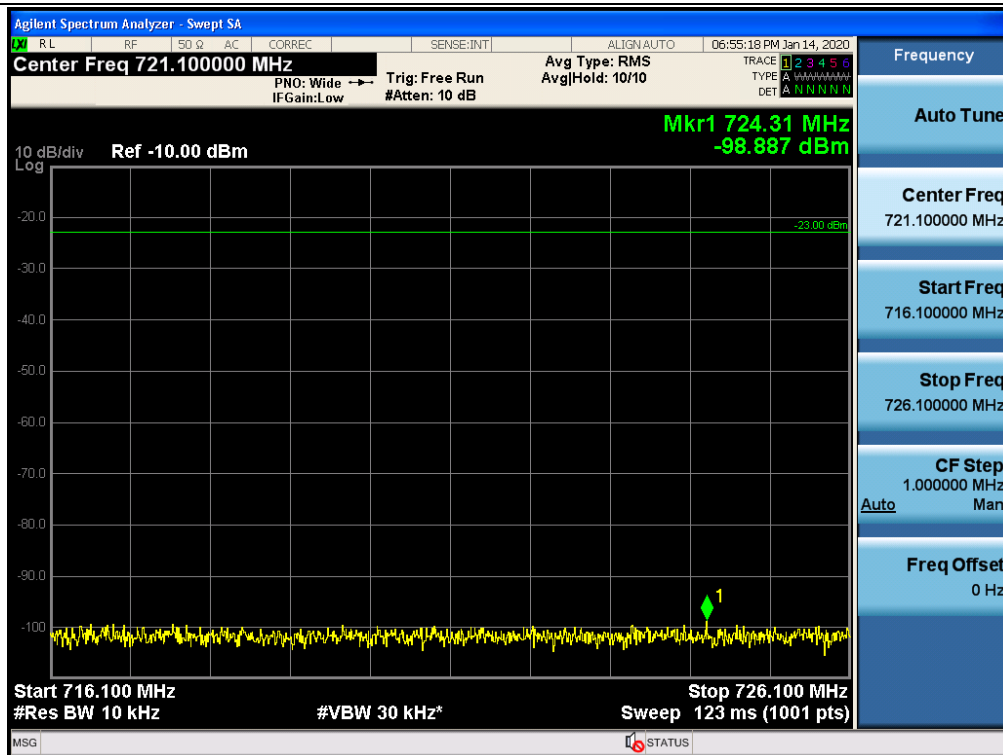
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Middle / 30 MHz ~ Low Edge -110 kHz



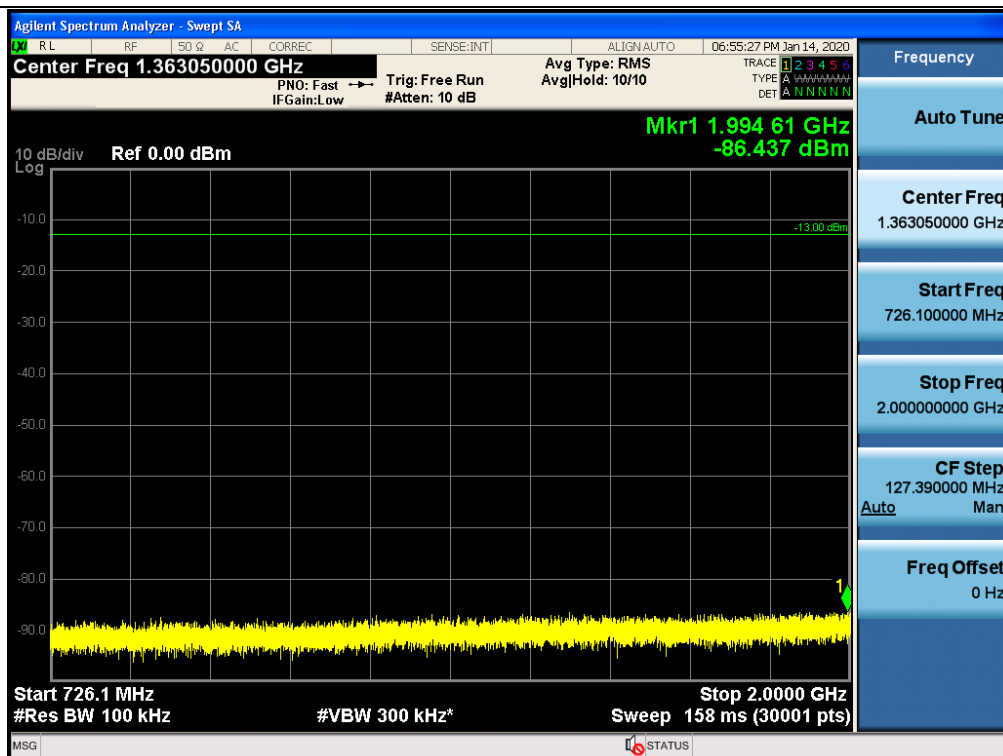
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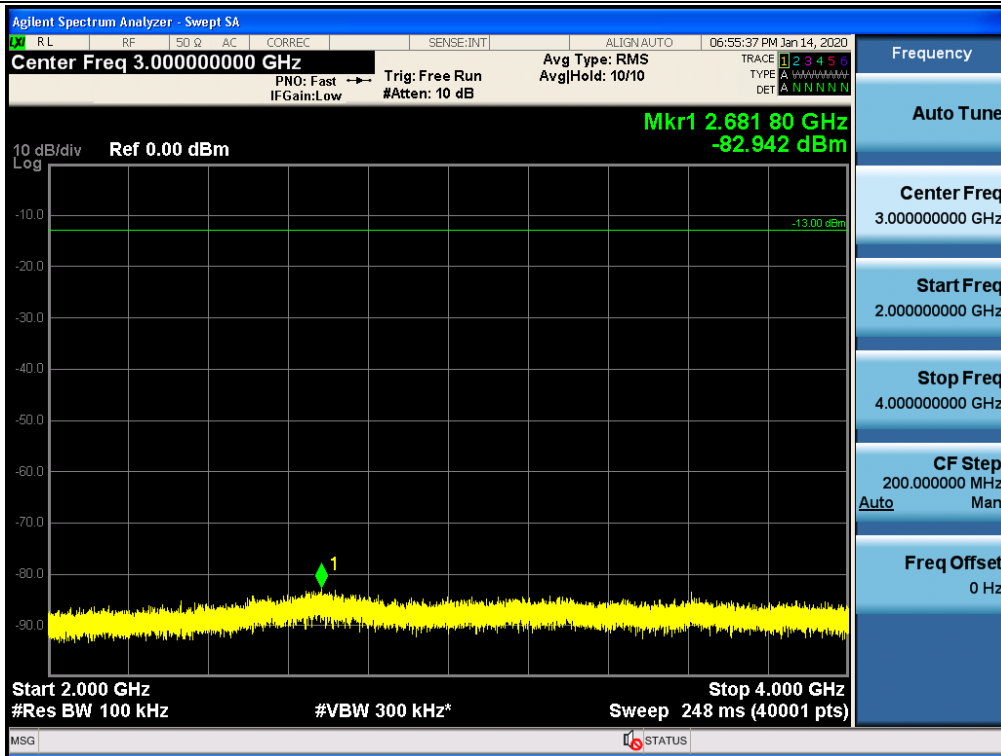
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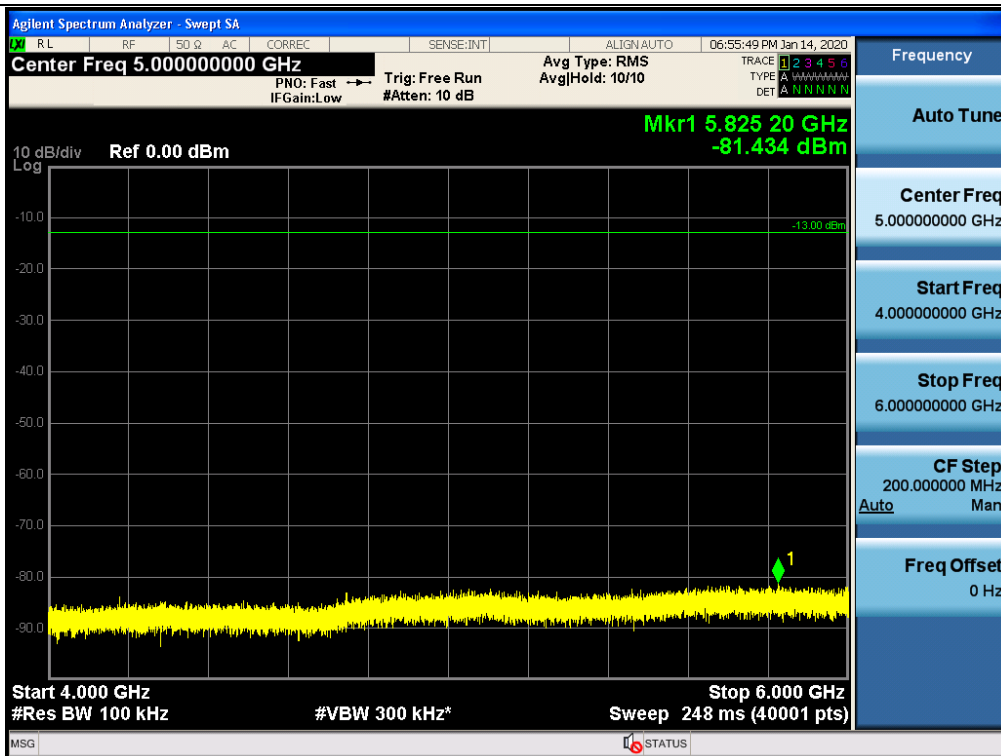
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Middle / High Edge + 110 kHz ~ 1 GHz (10 GHz)



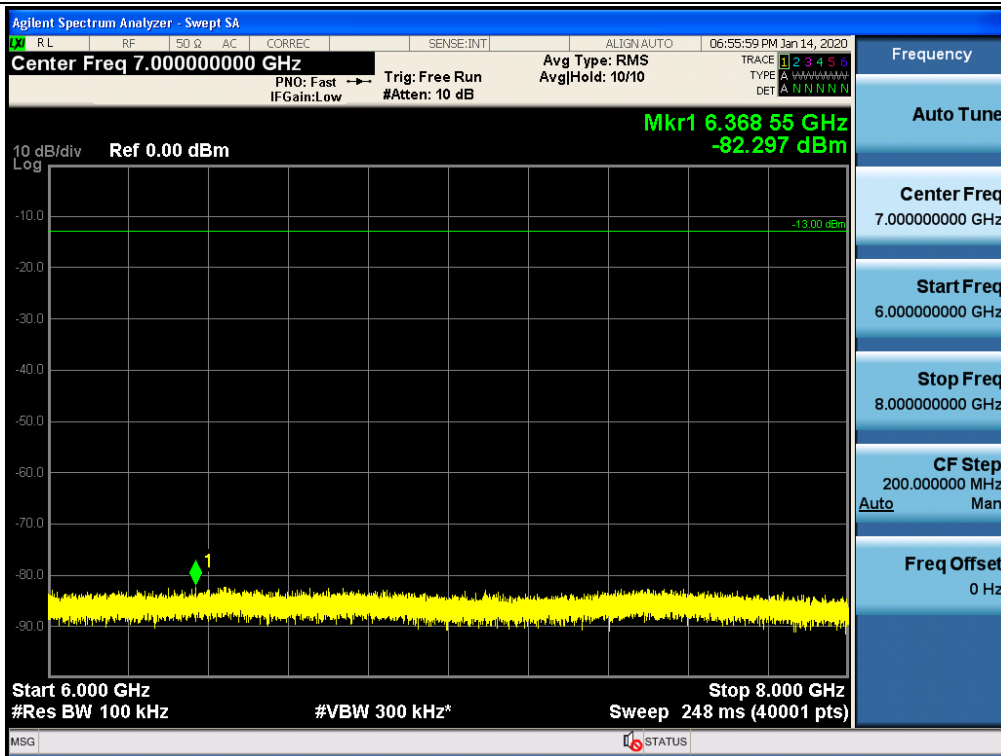
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Middle / 1 GHz ~ 10 GHz (2 GHz ~ 4 GHz)



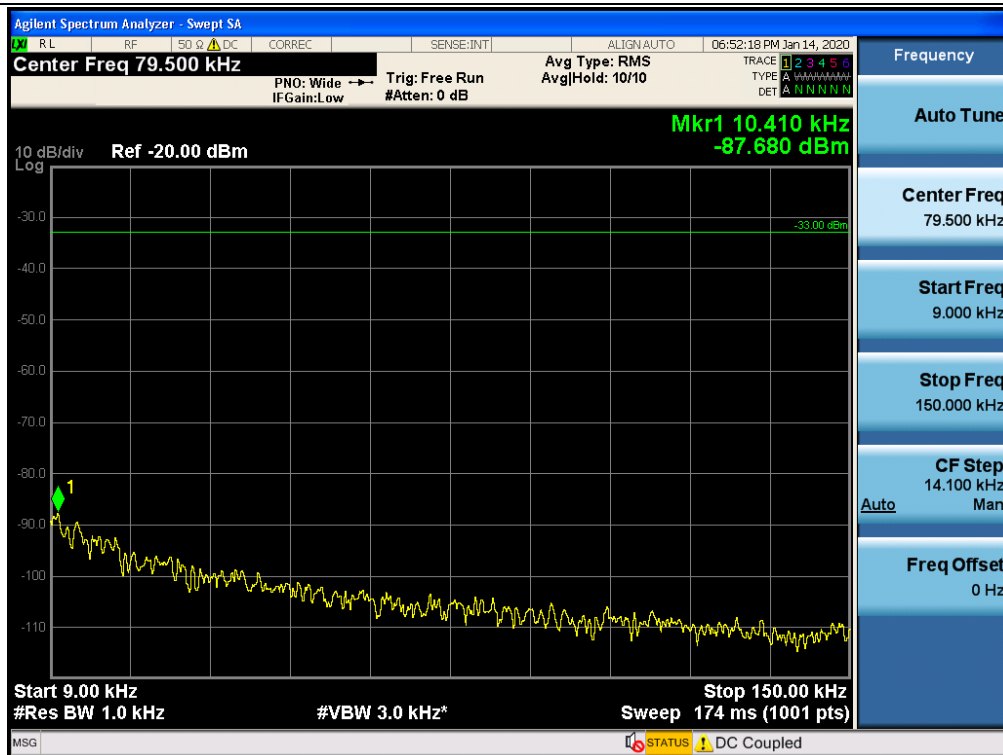
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Middle / 4 GHz ~ 6 GHz



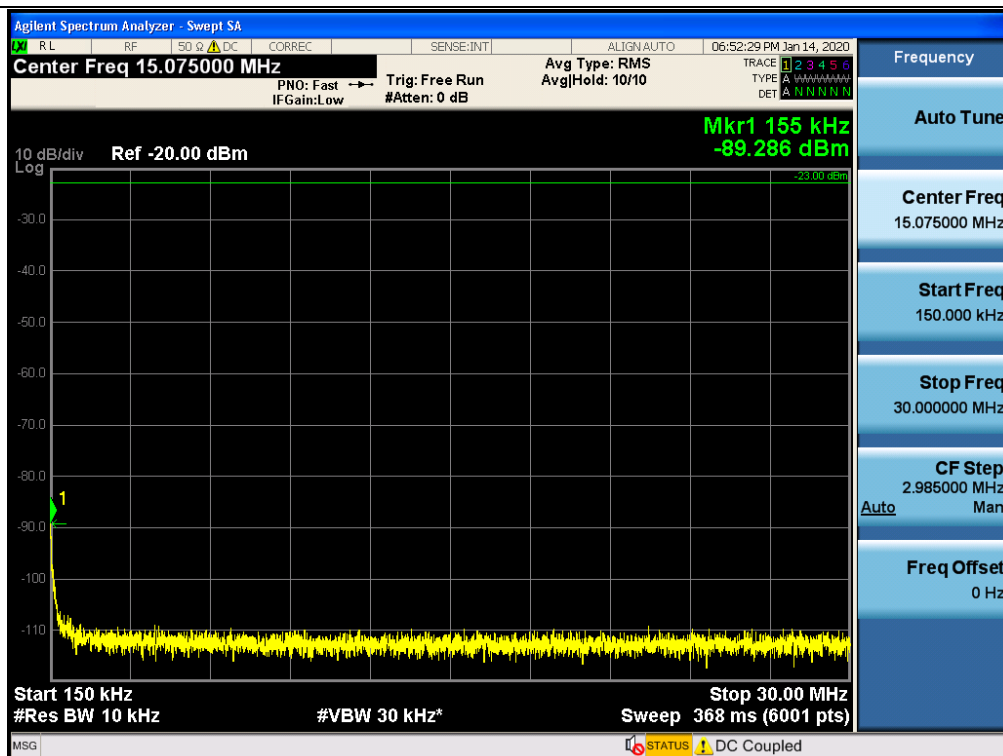
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / Middle / 6 GHz ~ 8 GHz



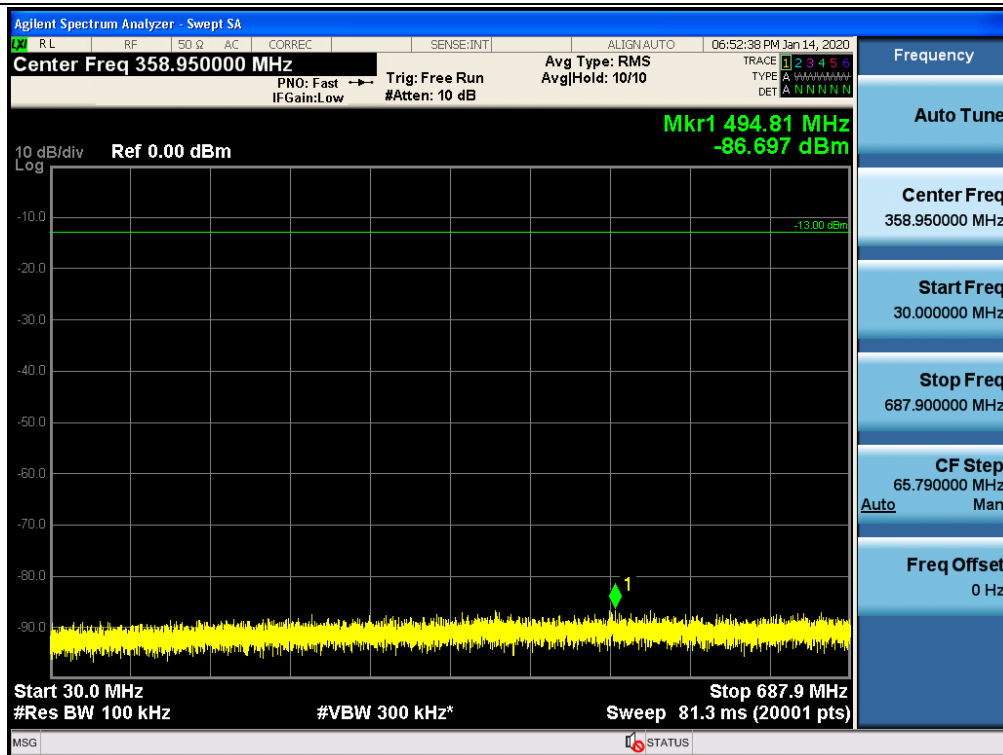
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / High / 9 kHz ~ 150 kHz



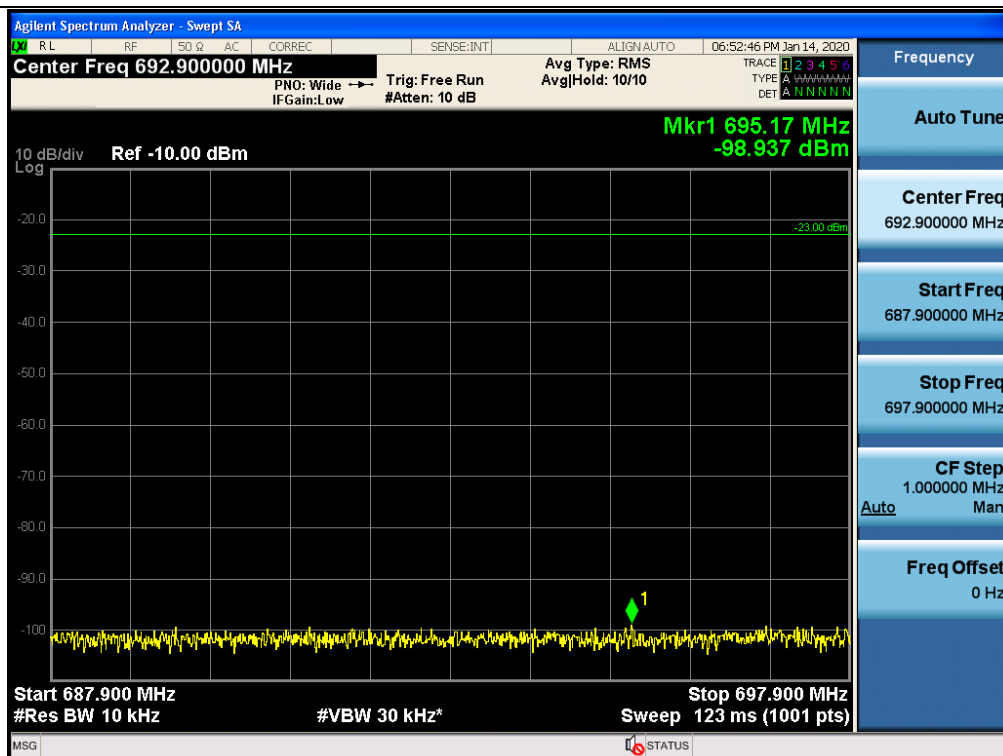
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / High / 150 kHz ~ 30 MHz



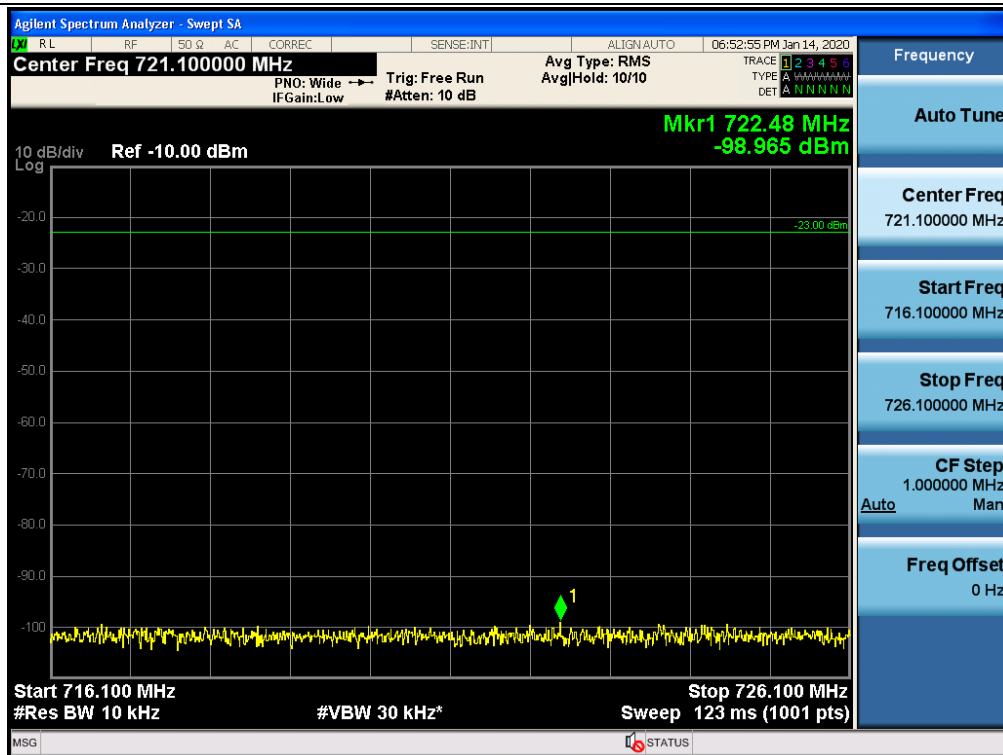
Spurious / Lower 700 MHz / Uplink / LTE 10 MHz / High / 30 MHz ~ Low Edge -110 kHz



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)

