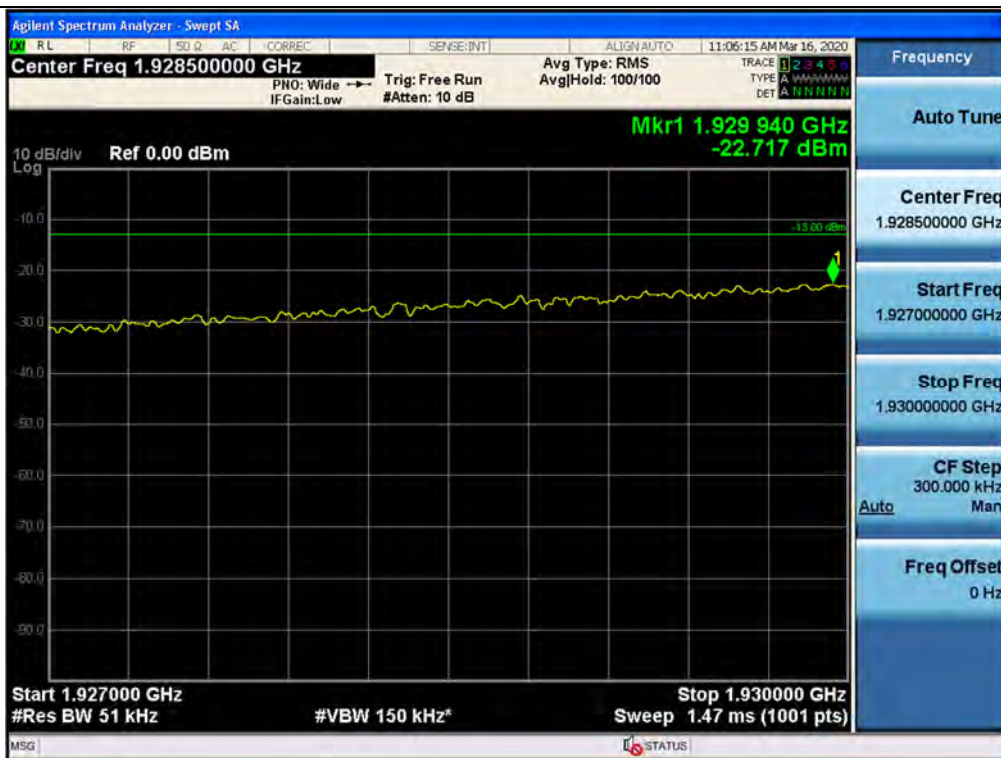


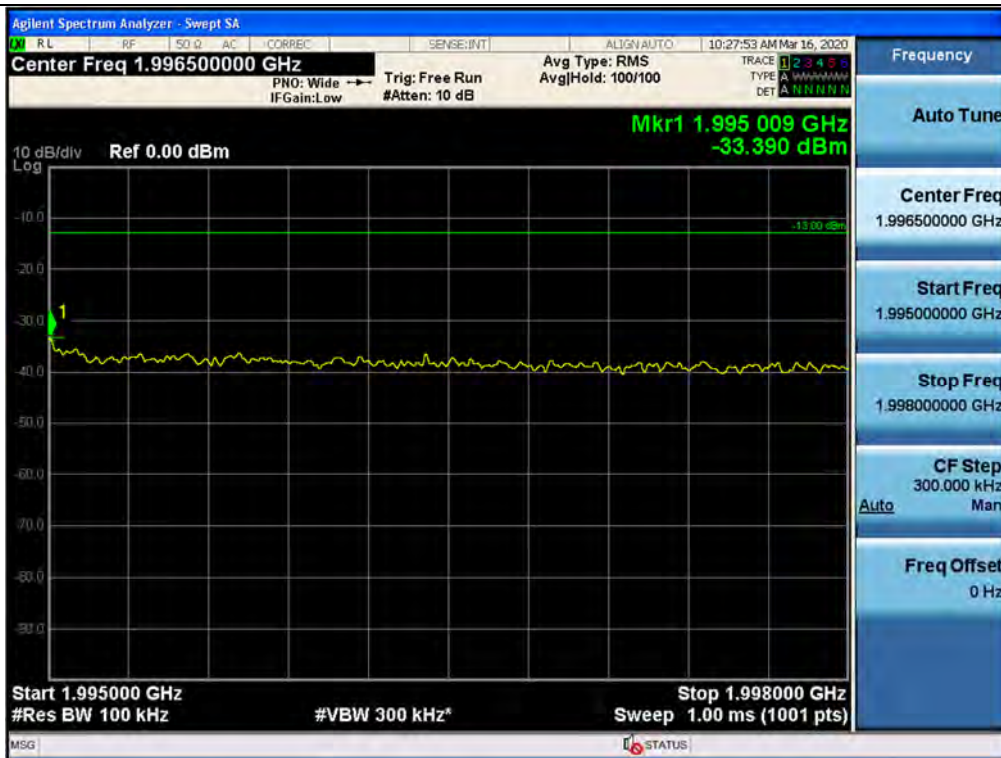
+3 dB above Out-of-band (two adjacent test signals) / PCS / Downlink / LTE 5 MHz / Upper



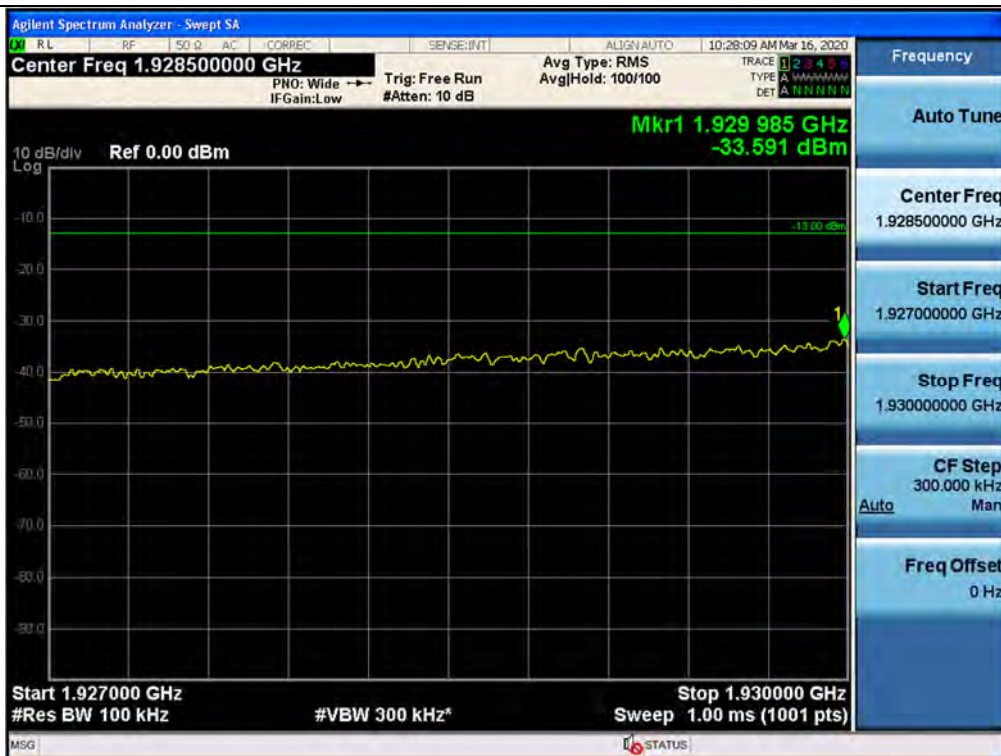
+3 dB above Out-of-band (two adjacent test signals) / PCS / Downlink / LTE 5 MHz / Lower



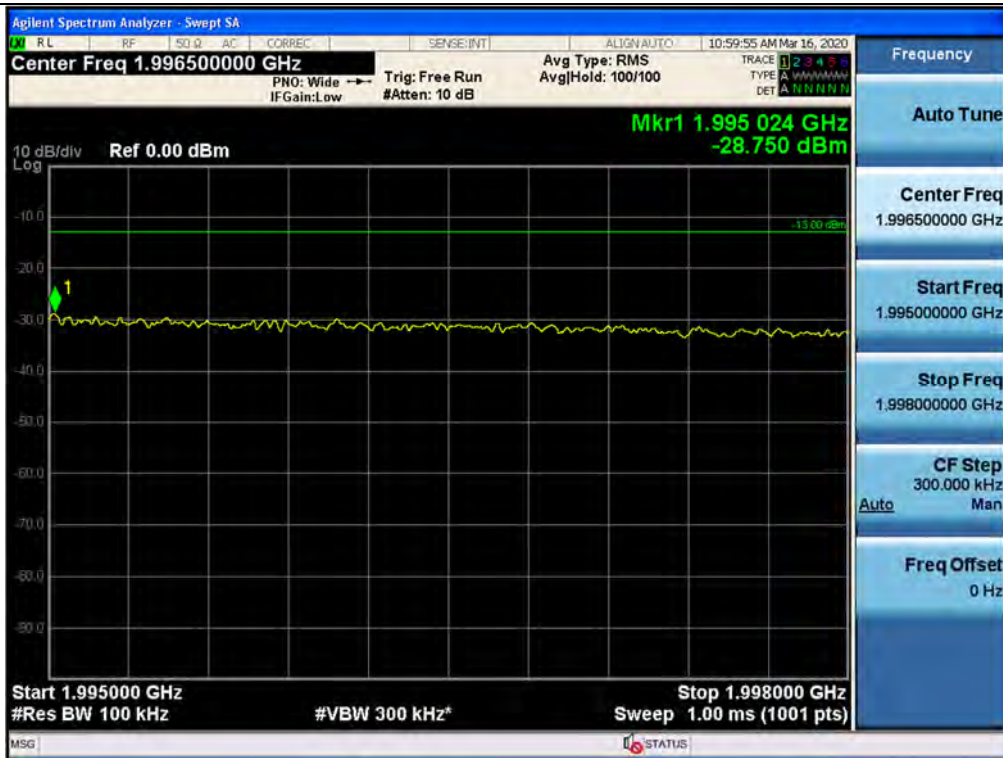
Out-of-band (two adjacent test signals) / PCS / Downlink / LTE 10 MHz / Upper



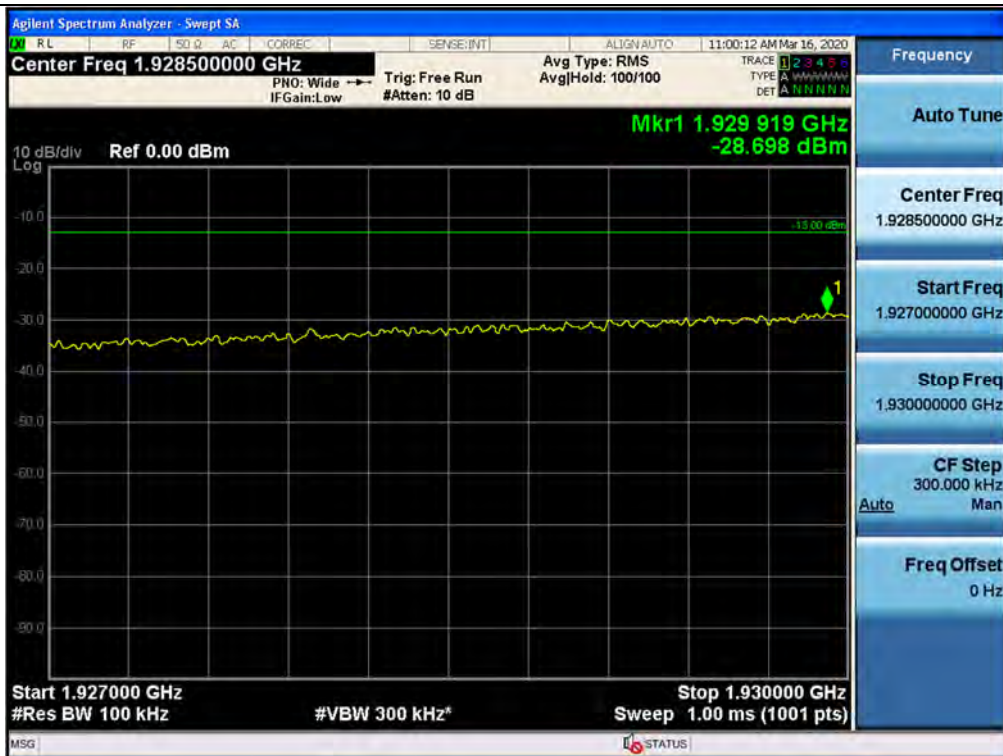
Out-of-band (two adjacent test signals) / PCS / Downlink / LTE 10 MHz / Lower



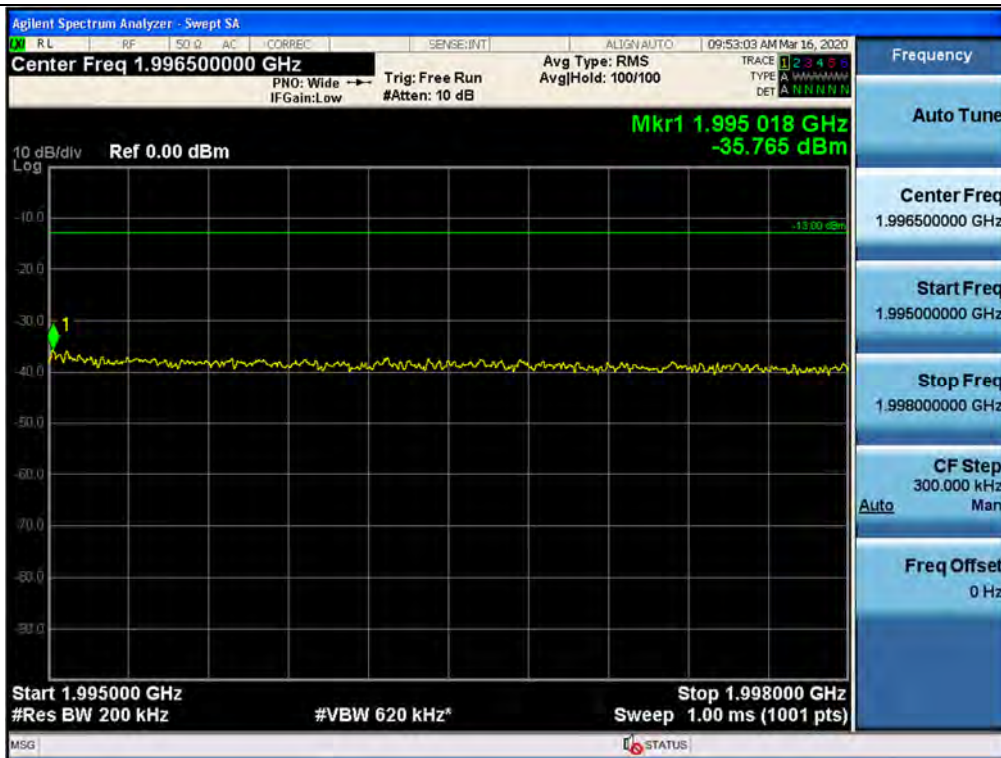
+3 dB above Out-of-band (two adjacent test signals) / PCS / Downlink / LTE 10 MHz / Upper



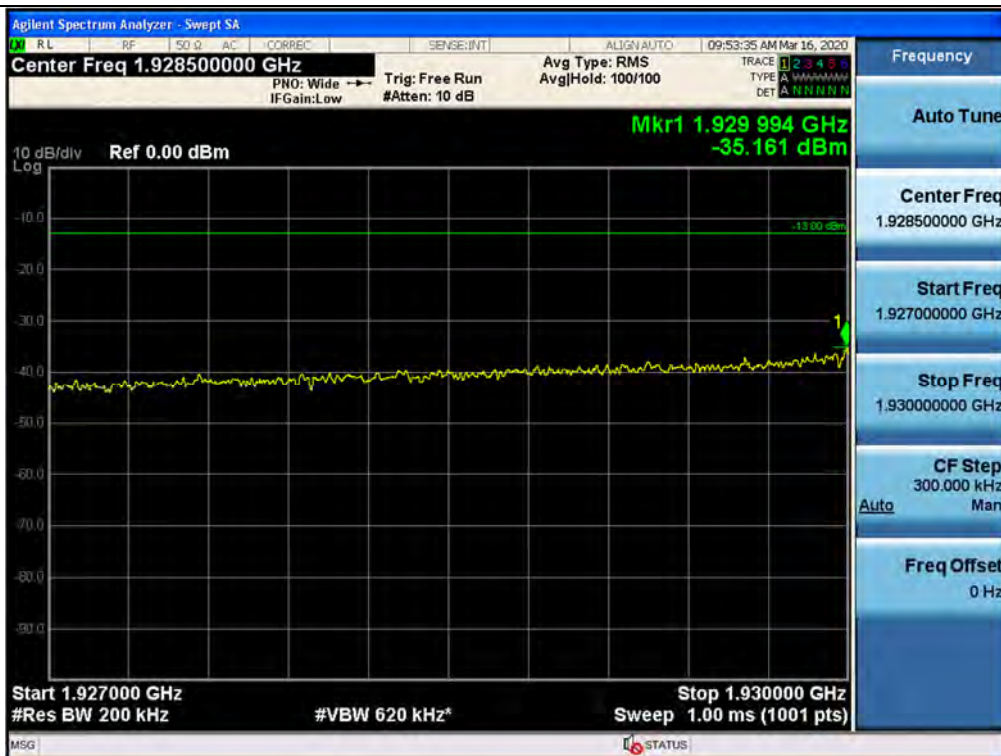
+3 dB above Out-of-band (two adjacent test signals) / PCS / Downlink / LTE 10 MHz / Lower



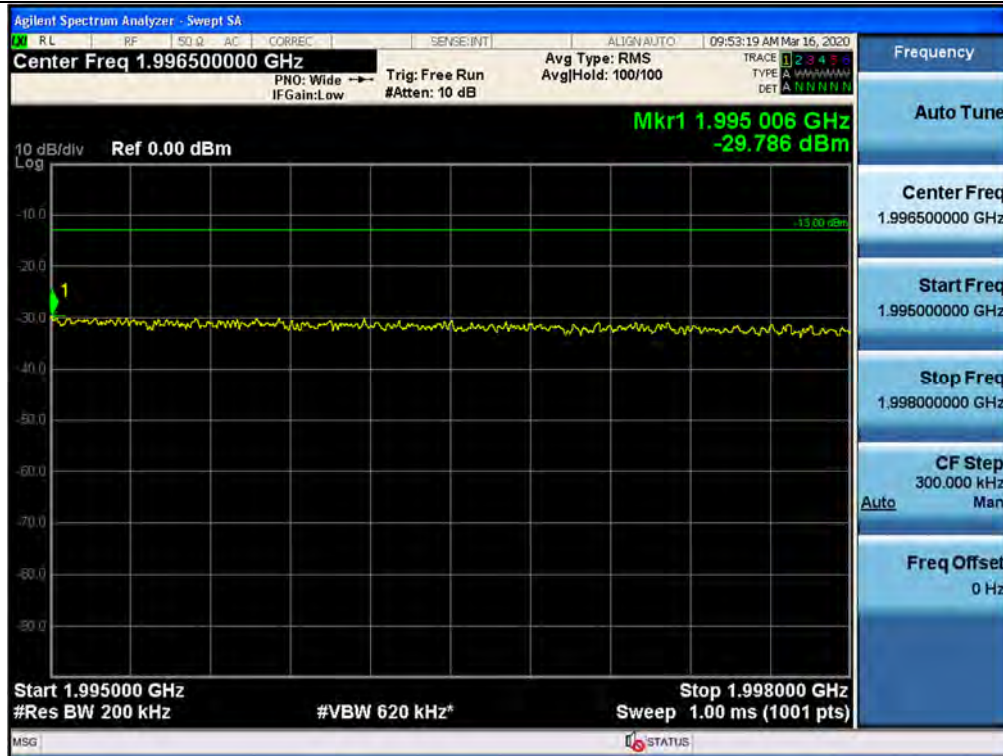
Out-of-band (two adjacent test signals) / PCS / Downlink / LTE 20 MHz / Upper



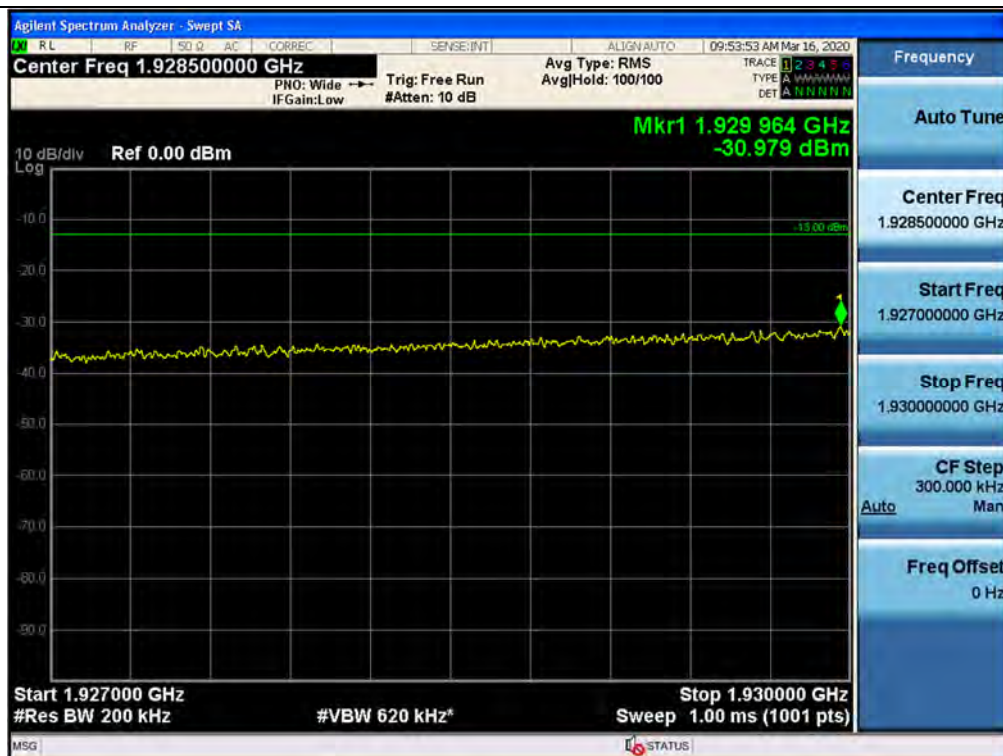
Out-of-band (two adjacent test signals) / PCS / Downlink / LTE 20 MHz / Lower



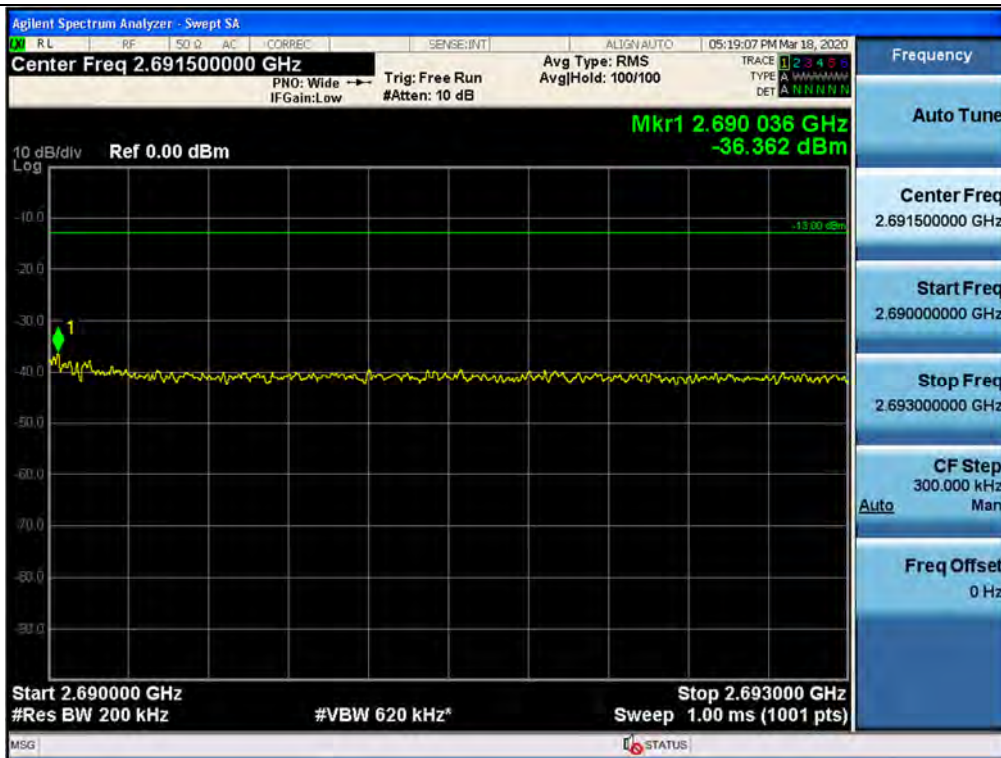
+3 dB above Out-of-band (two adjacent test signals) / PCS / Downlink / LTE 20 MHz / Upper



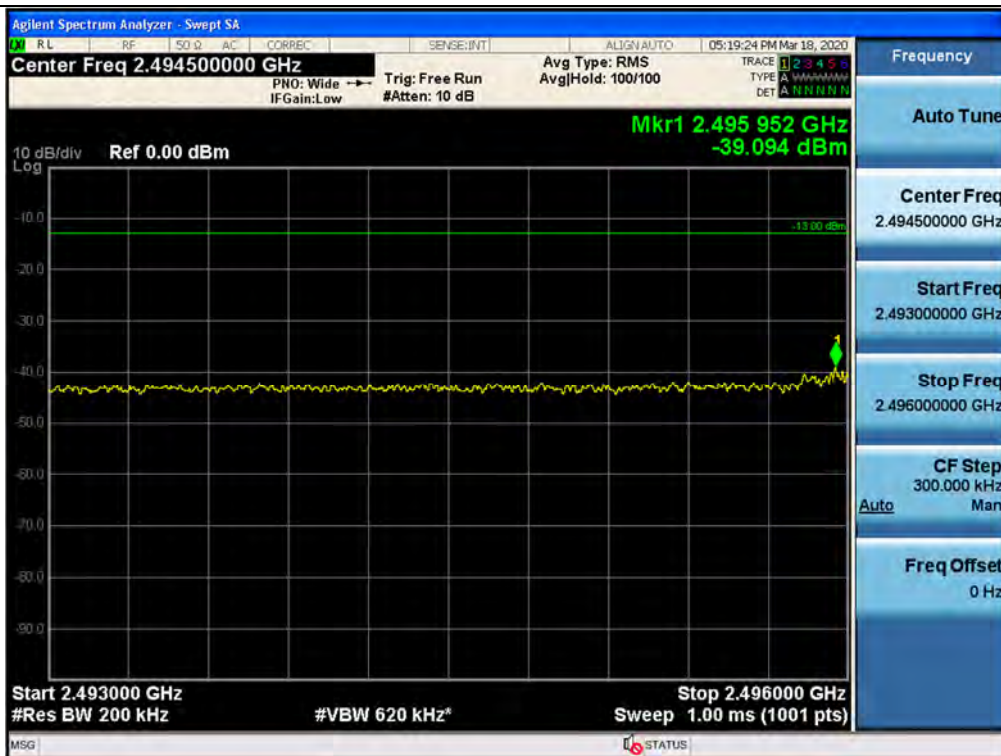
+3 dB above Out-of-band (two adjacent test signals) / PCS / Downlink / LTE 20 MHz / Lower



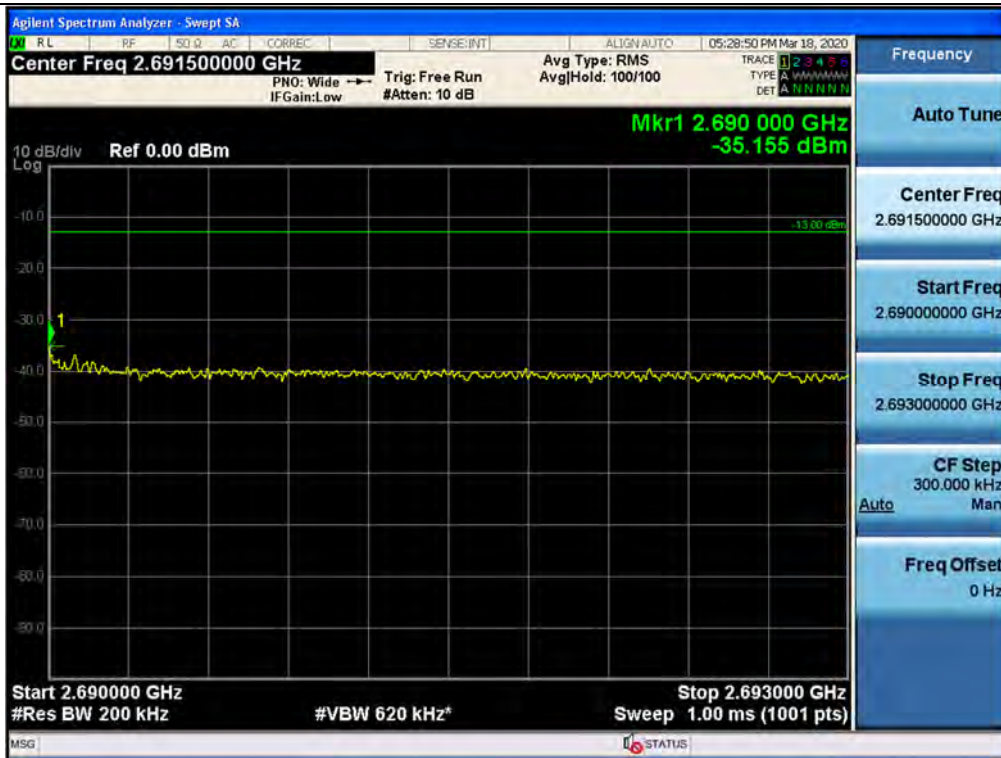
Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / LTE 20 MHz / Upper



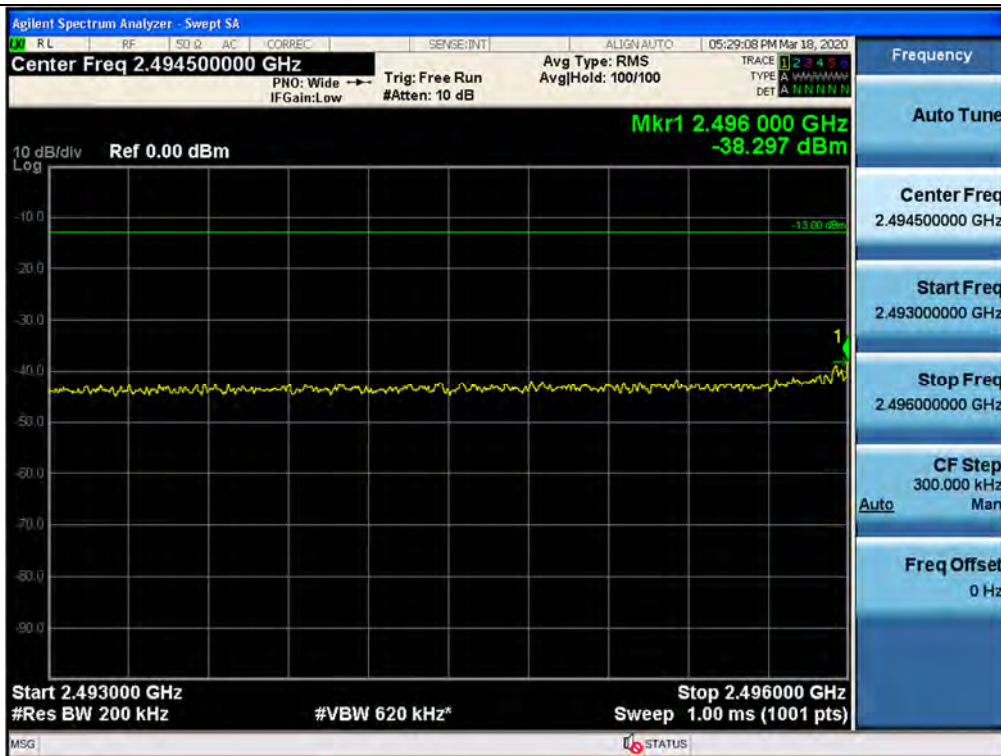
Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / LTE 20 MHz / Lower



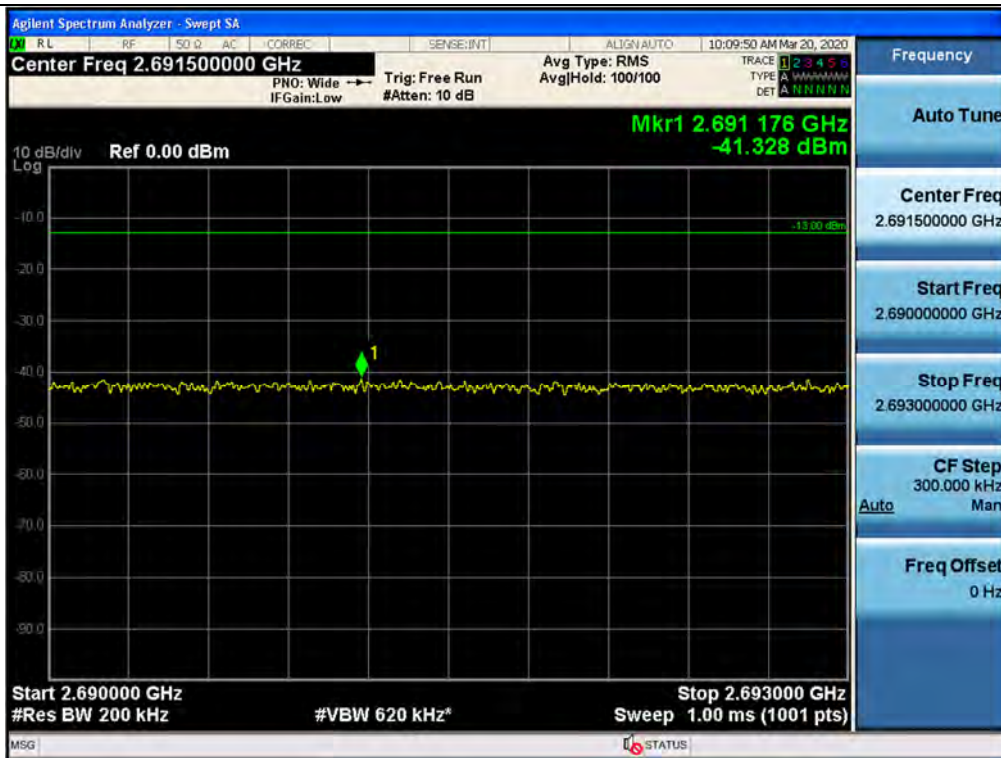
+3 dB above Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / LTE 20 MHz / Upper



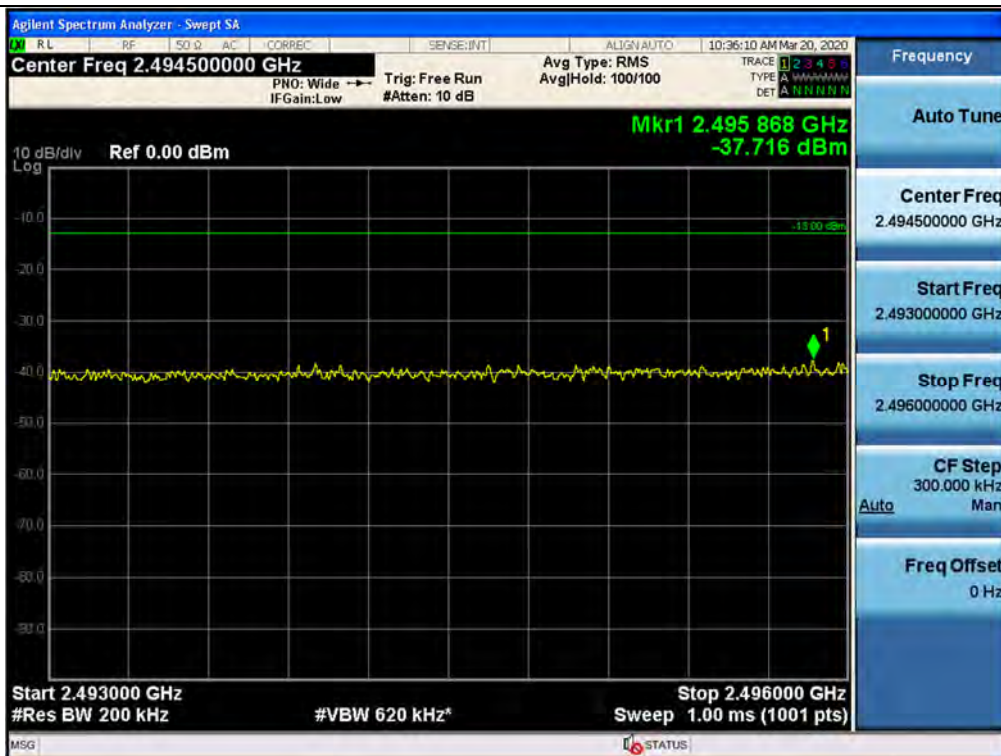
+3 dB above Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / LTE 20 MHz / Lower



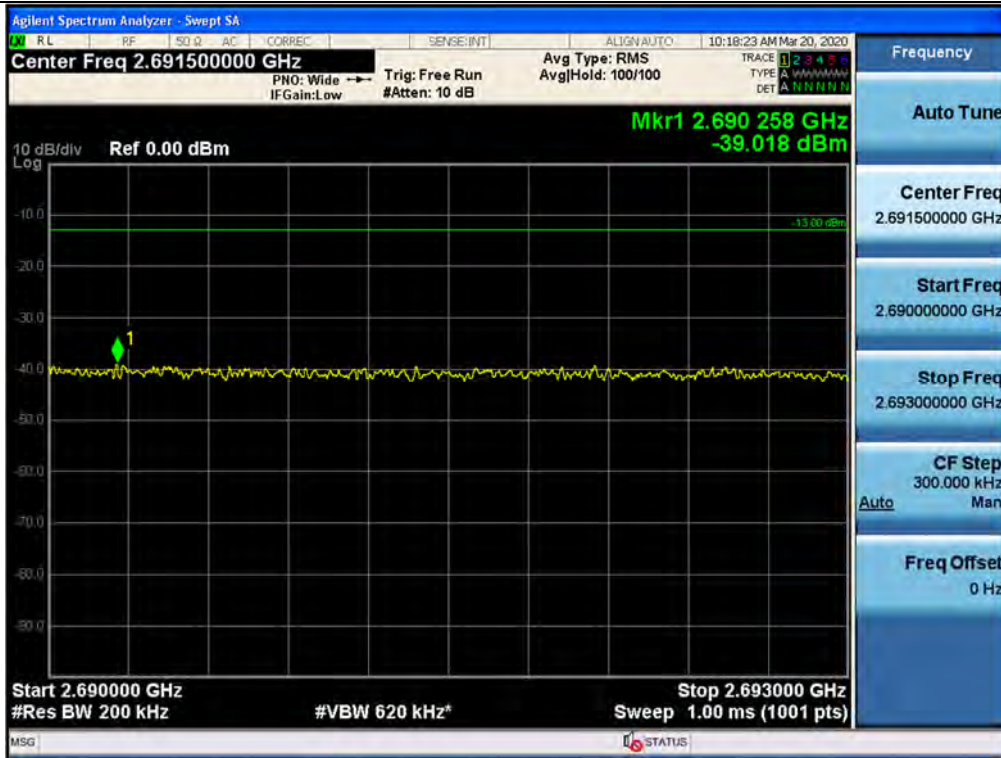
Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / 5G NR 20M / Upper



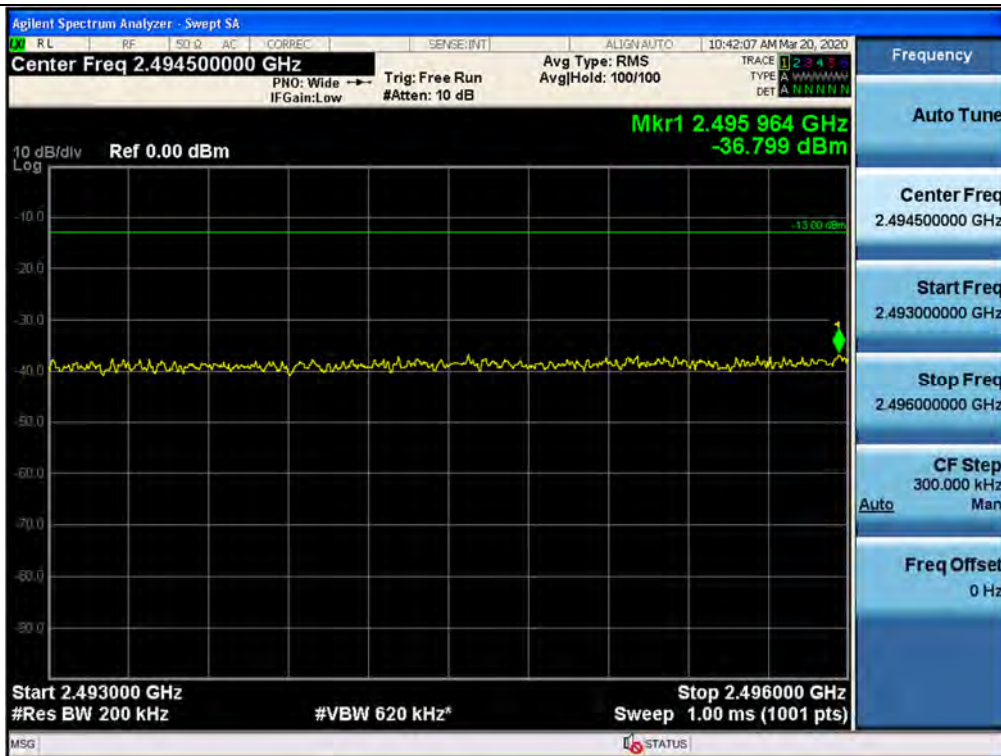
Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / 5G NR 20M / Lower



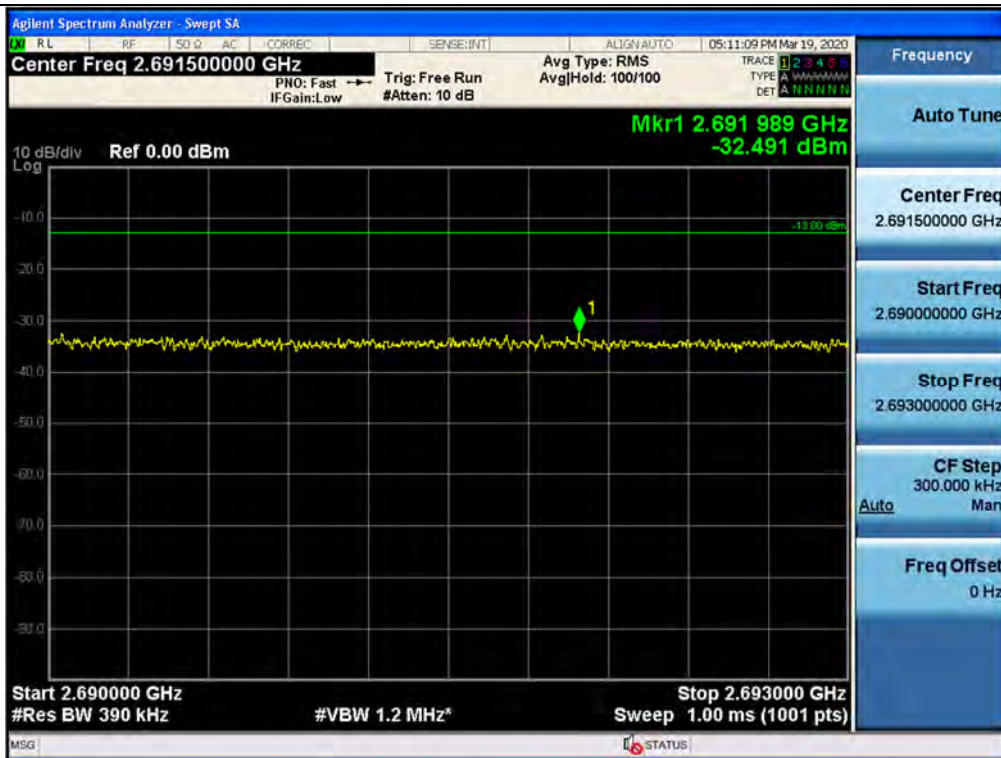
+3 dB above Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / 5G NR 20M / Upper



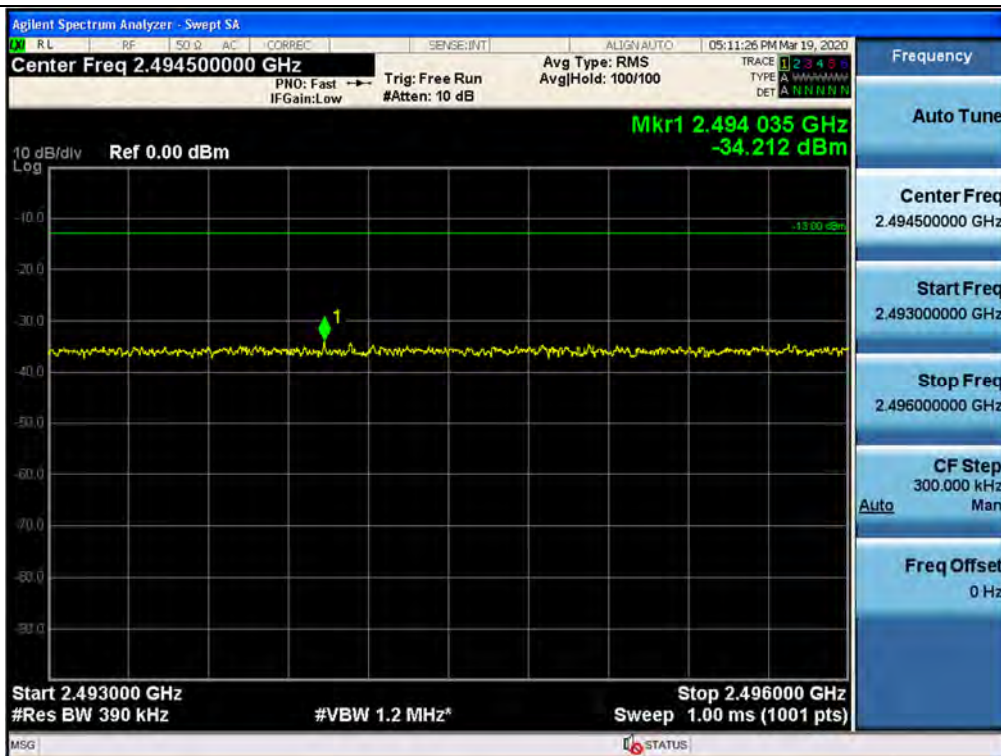
+3 dB above Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / 5G NR 20M / Lower



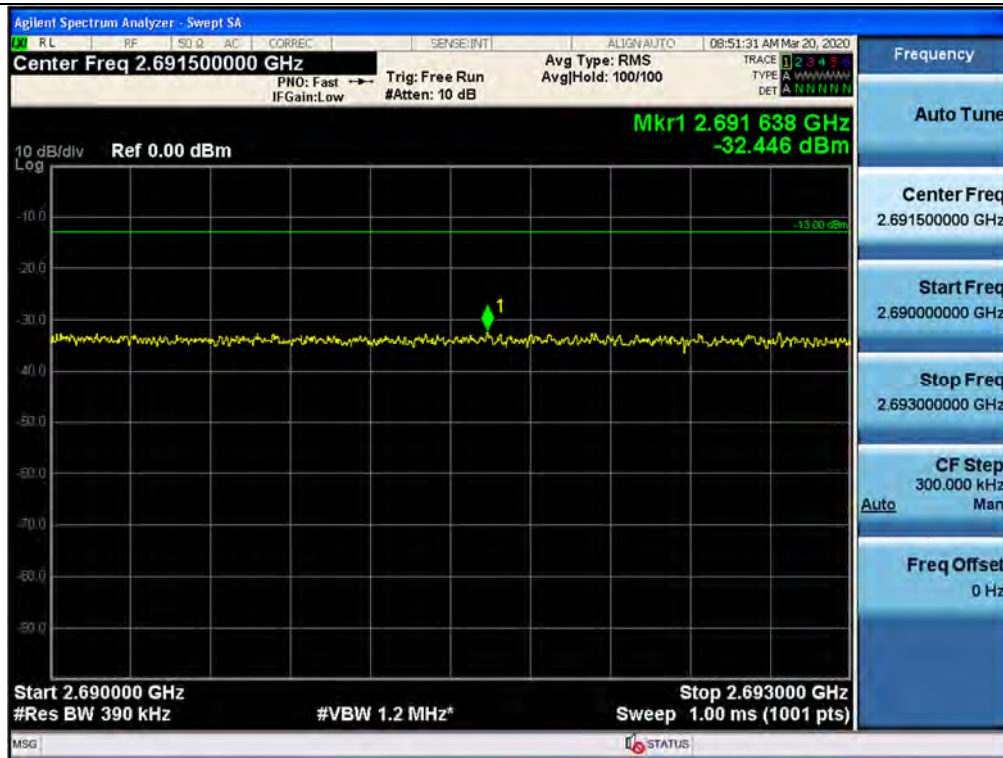
Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / 5G NR 40M / Upper



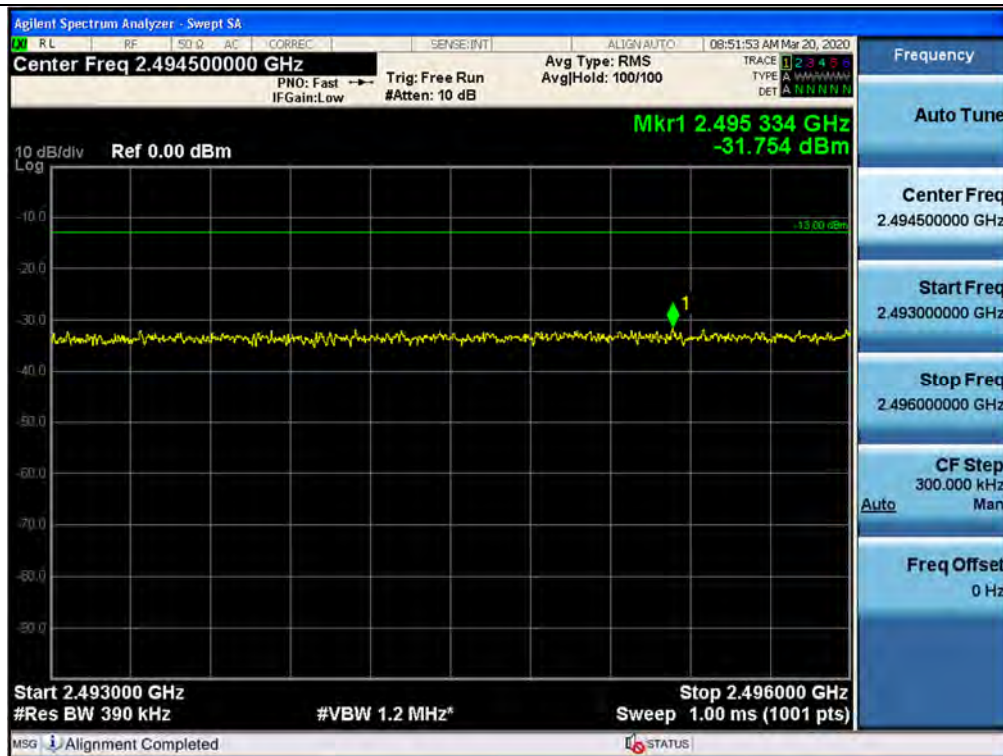
Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / 5G NR 40M / Lower



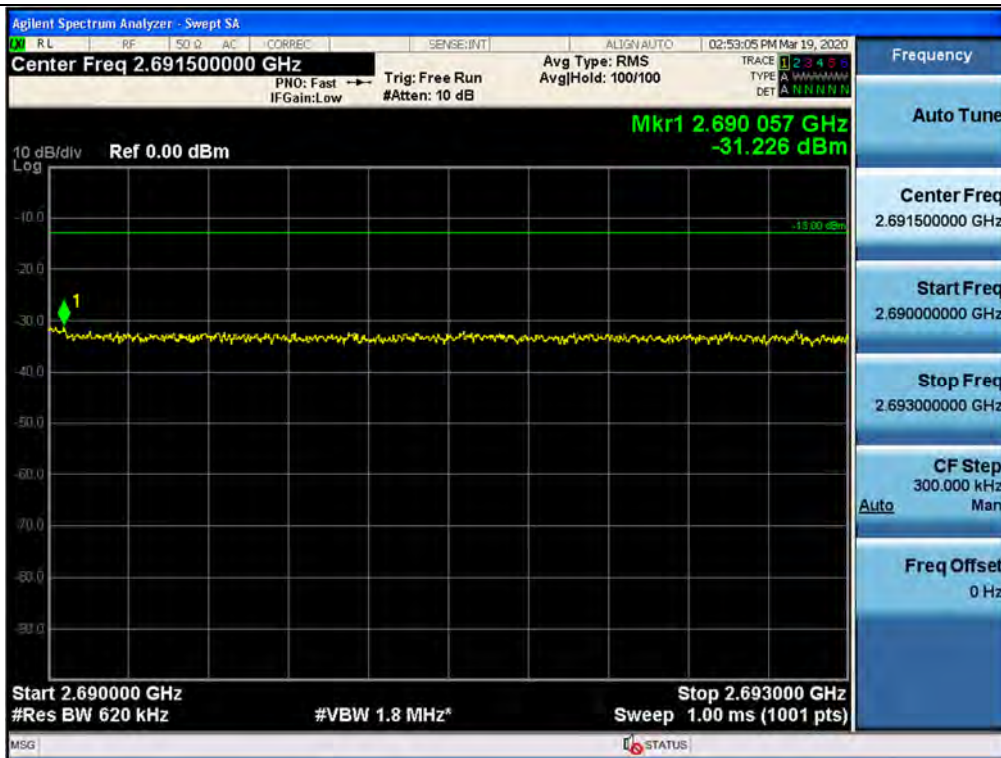
+3 dB above Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / 5G NR 40M / Upper



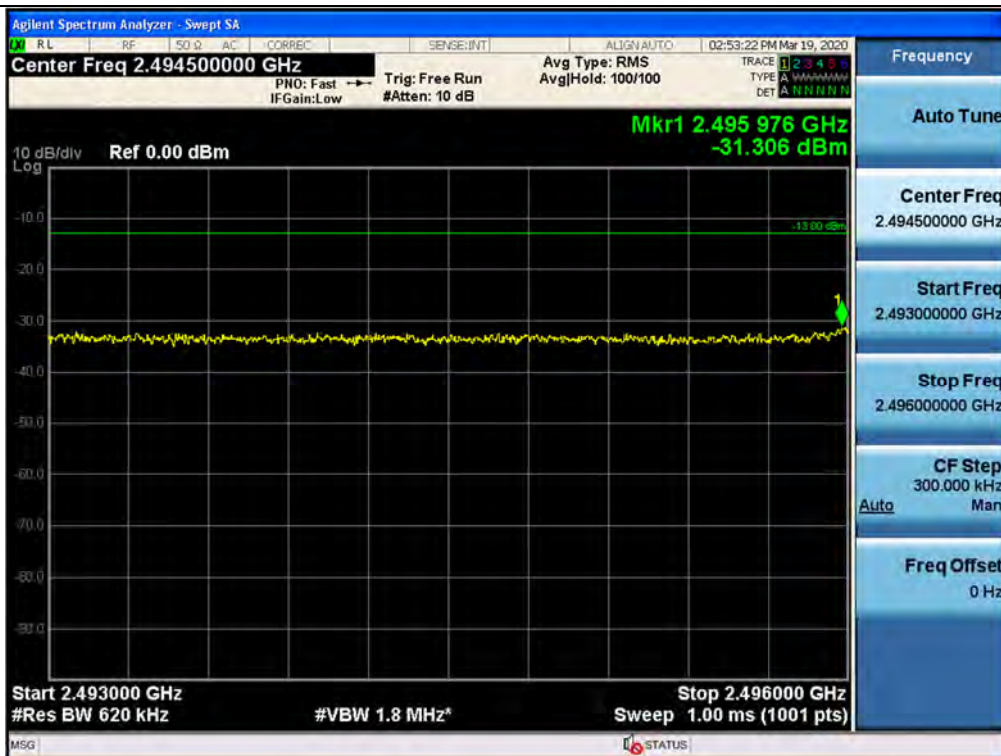
+3 dB above Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / 5G NR 40M / Lower



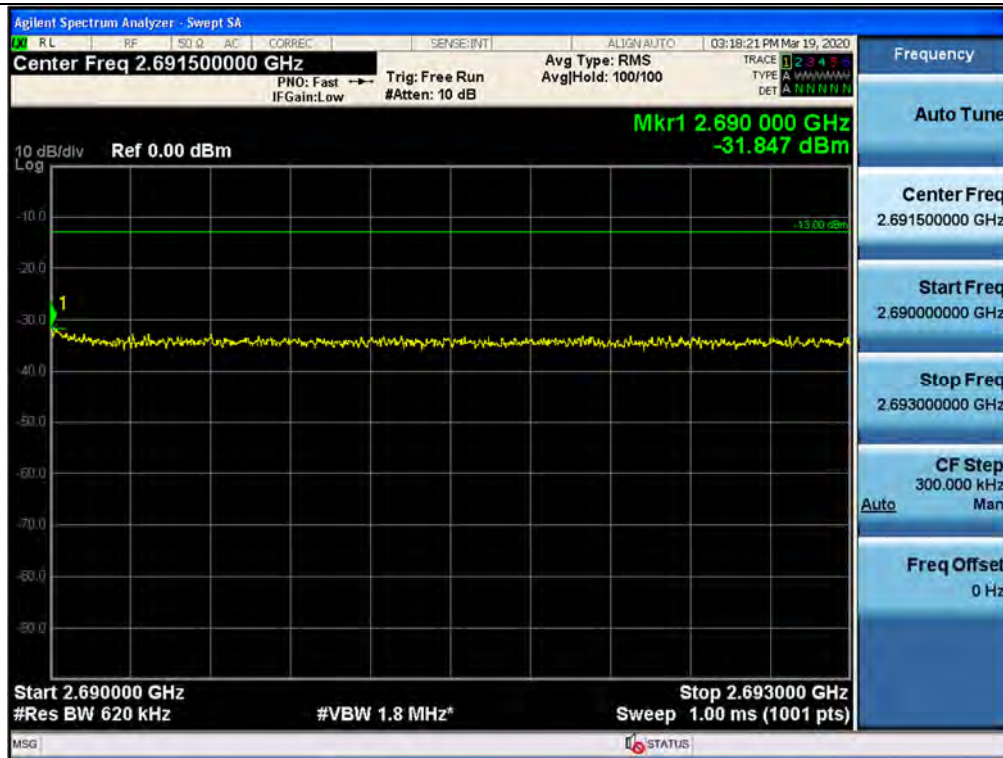
Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / 5G NR 60M / Upper



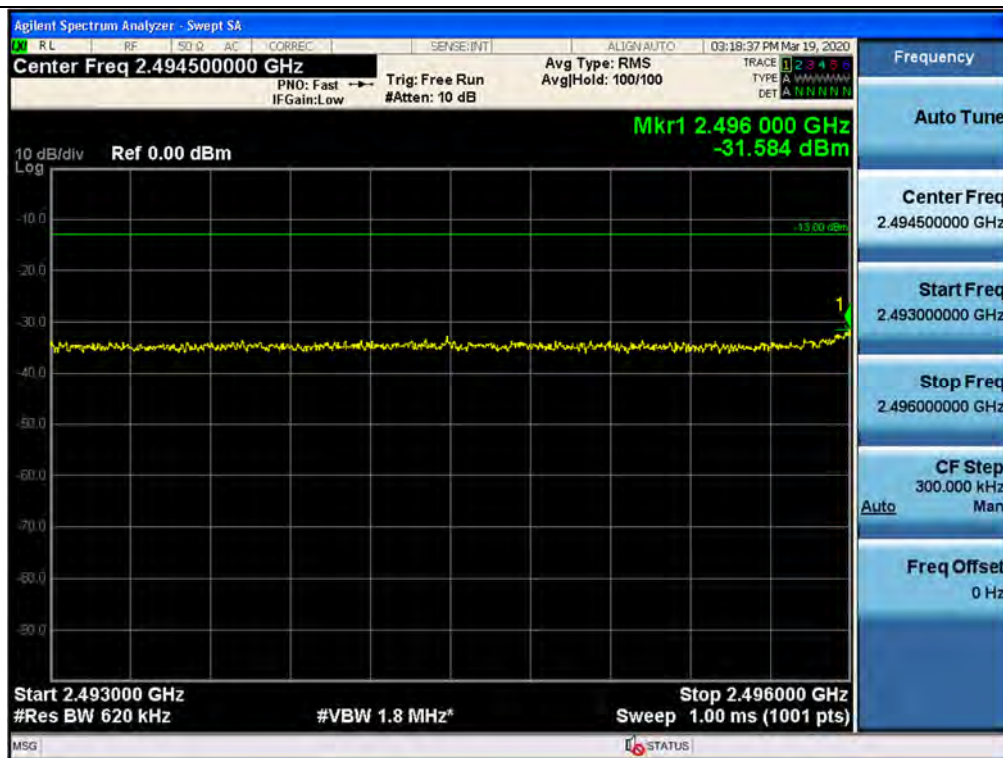
Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / 5G NR 60M / Lower



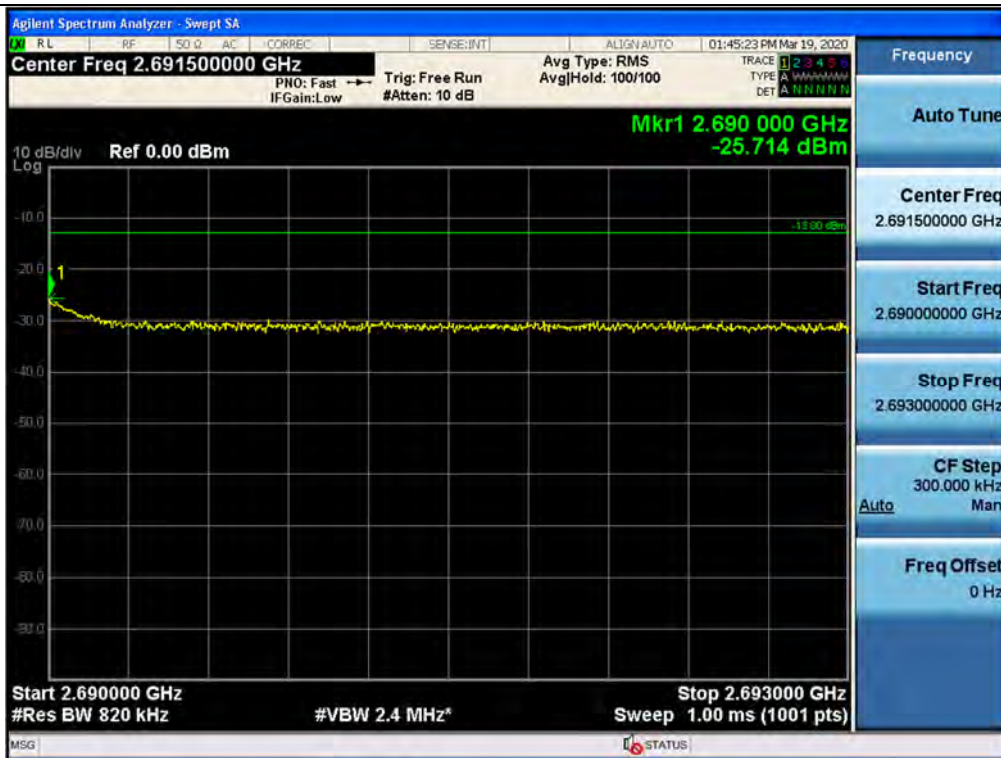
+3 dB above Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / 5G NR 60M / Upper



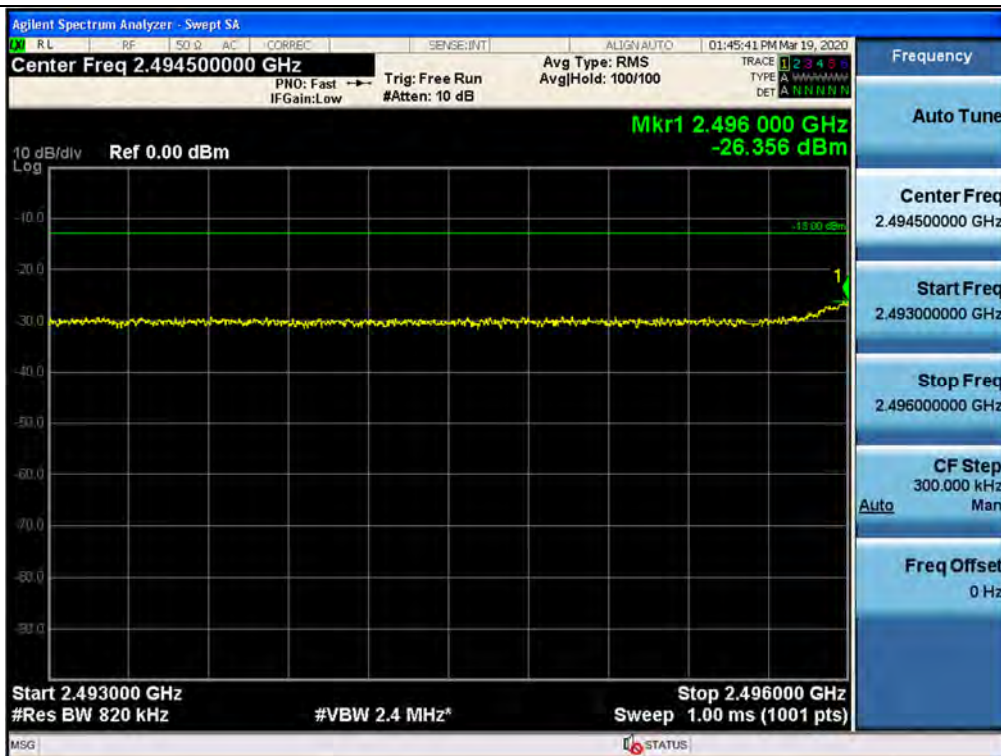
+3 dB above Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / 5G NR 60M / Lower



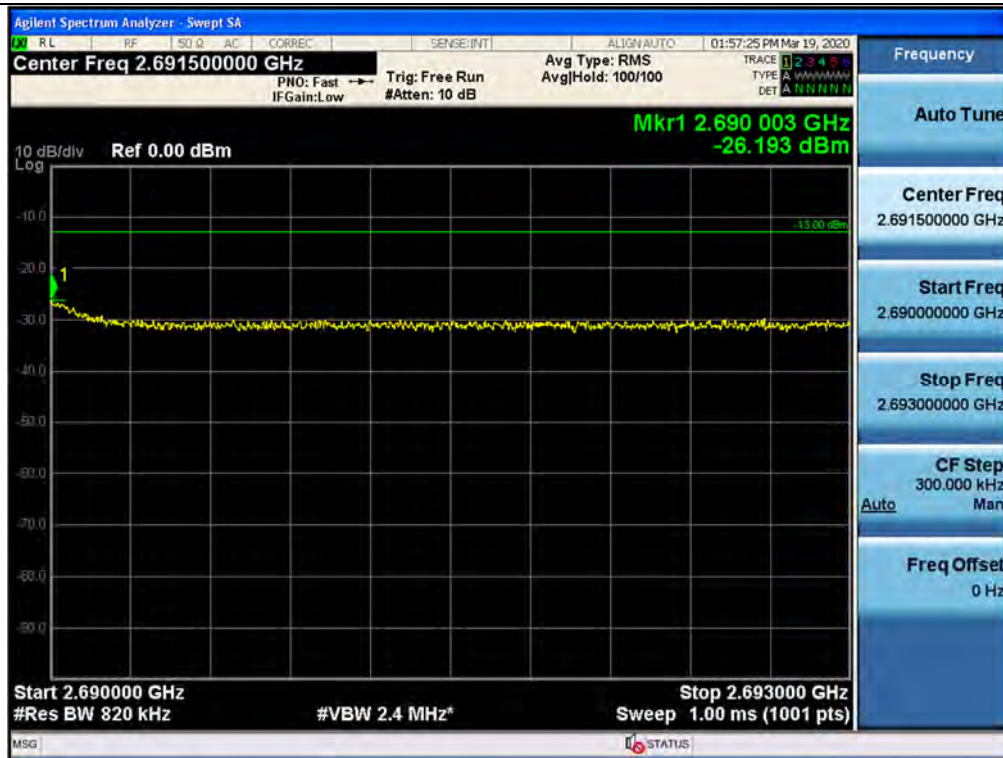
Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / 5G NR 80M / Upper



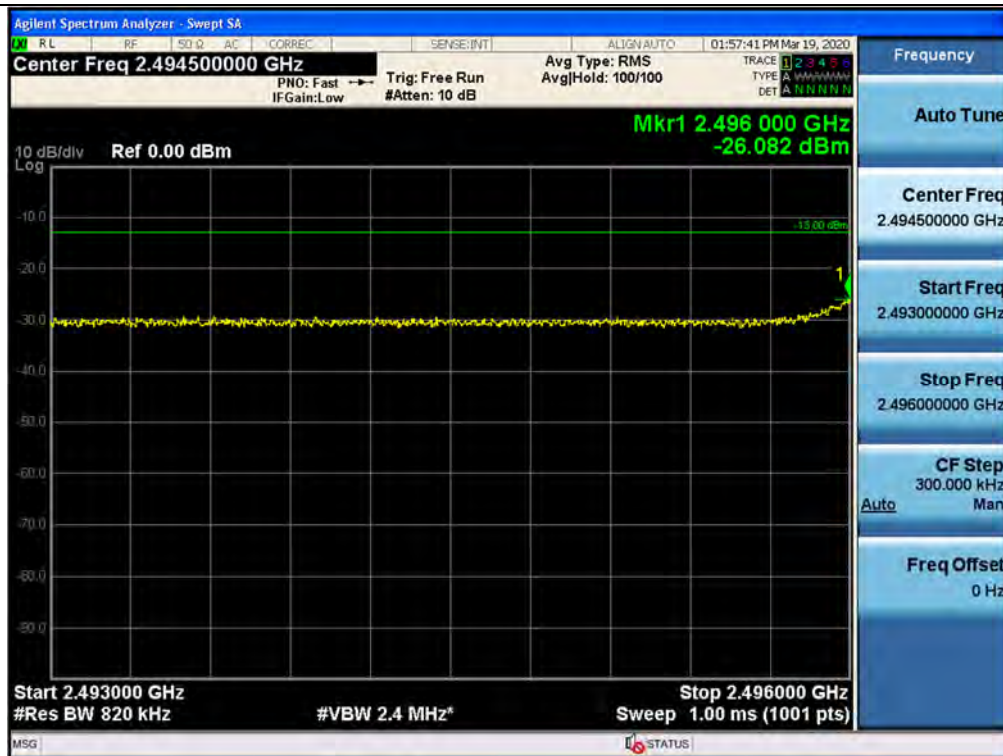
Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / 5G NR 80M / Lower



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



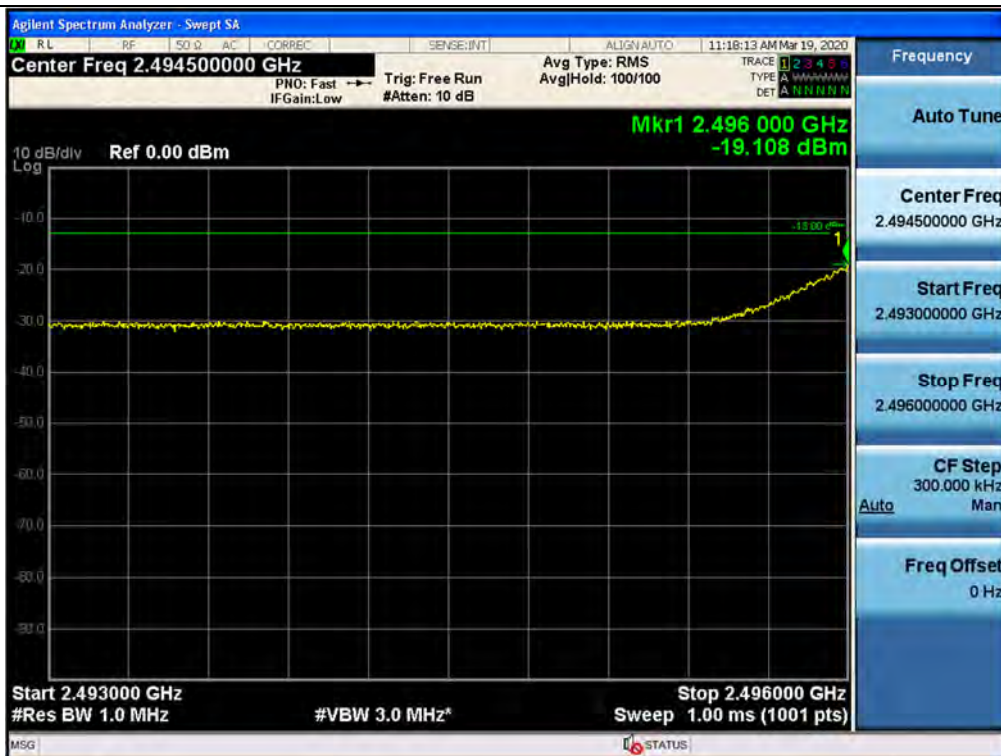
+3 dB above Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / 5G NR 80M / Lower



Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / 5G NR 100M / Upper



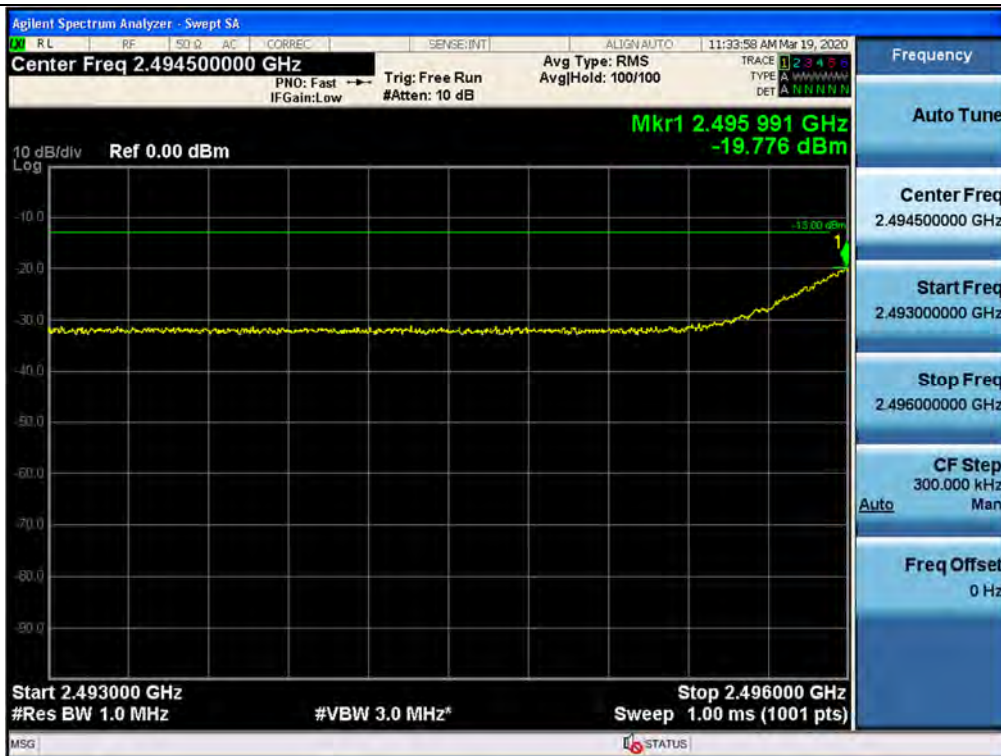
Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / 5G NR 100M / Lower



+3 dB above Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / 5G NR 100M / Upper



+3 dB above Out-of-band (two adjacent test signals) / BRS/EBS / Downlink / 5G NR 100M / Lower



Out-of-band (single test signals) / Lower 700 MHz / Downlink / LTE 5 MHz / Upper



Out-of-band (single test signals) / Lower 700 MHz / Downlink / LTE 5 MHz / Lower



+3 dB above Out-of-band (single test signals) / Lower 700 MHz / Downlink / LTE 5 MHz / Upper



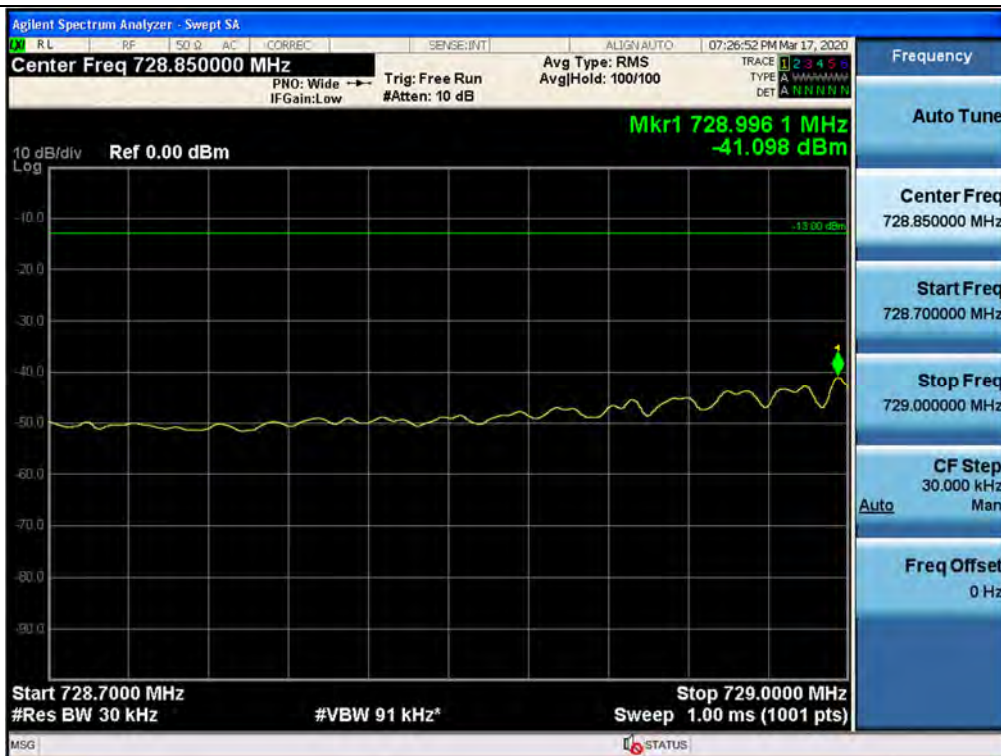
+3 dB above Out-of-band (single test signals) / Lower 700 MHz / Downlink / LTE 5 MHz / Lower



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



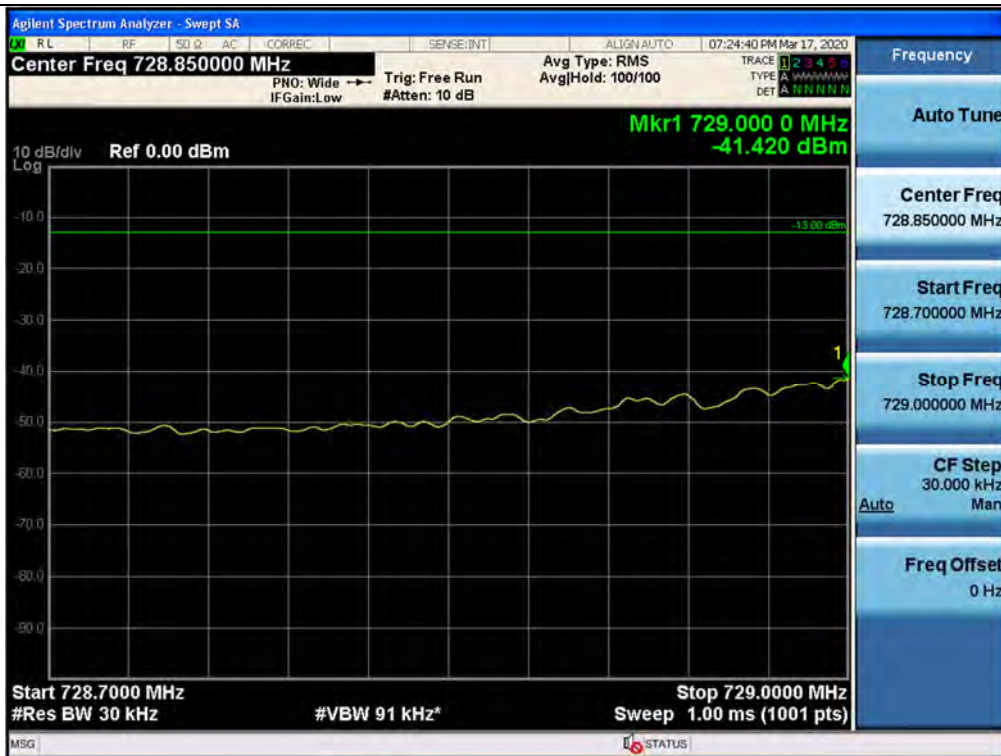
Out-of-band (single test signals) / Lower 700 MHz / Downlink / LTE 10 MHz / Lower



+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 5 MHz / Upper



Out-of-band (single test signals) / Upper 700 MHz / Downlink / LTE 5 MHz / Lower



+3 dB above Out-of-band (single test signals) / Upper 700 MHz / Downlink / LTE 5 MHz / Upper



+3 dB above Out-of-band (single test signals) / Upper 700 MHz / Downlink / LTE 5 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



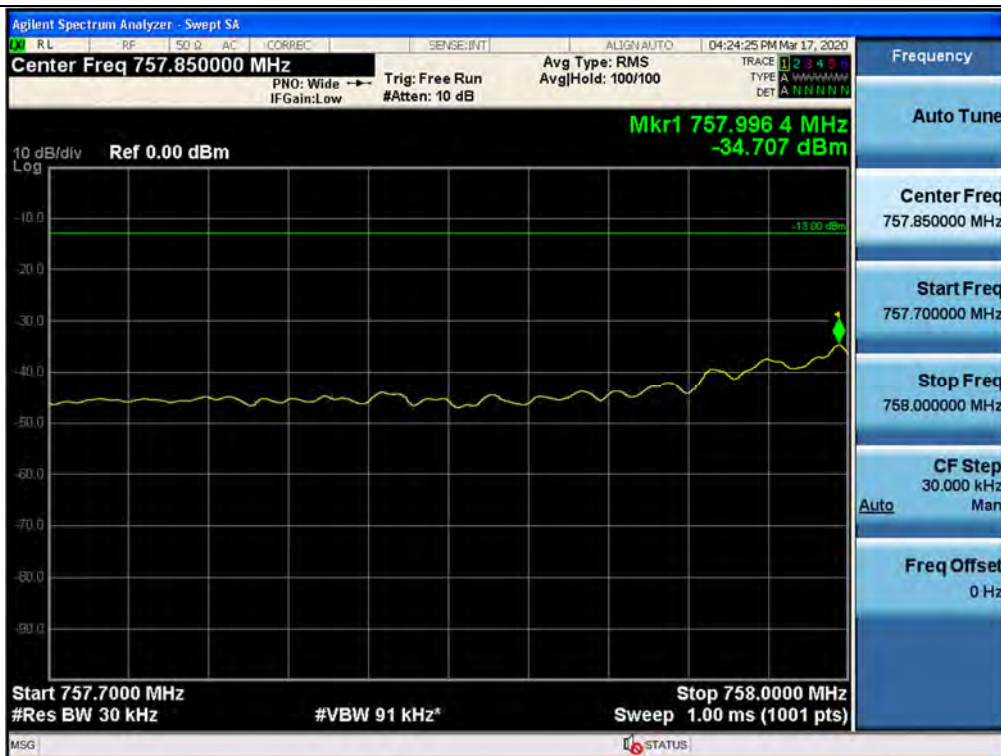
+3 dB above Out-of-band (single test signals) / Upper 700 MHz / Downlink / LTE 10 MHz / Lower



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



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



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



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



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



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



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



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



Out-of-band (single test signals) / AWS / Downlink / CDMA / Upper



Out-of-band (single test signals) / AWS / Downlink / CDMA / Lower



+3 dB above Out-of-band (single test signals) / AWS / Downlink / CDMA / Upper



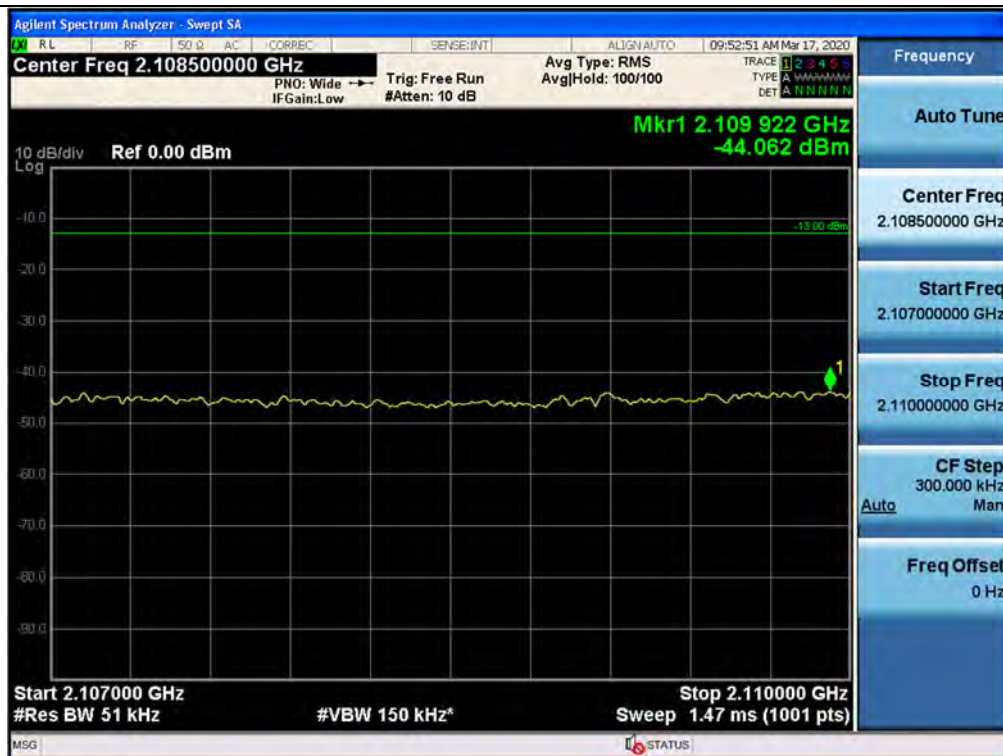
+3 dB above Out-of-band (single test signals) / AWS / Downlink / CDMA / Lower



Out-of-band (single test signals) / AWS / Downlink / WCDMA / Upper



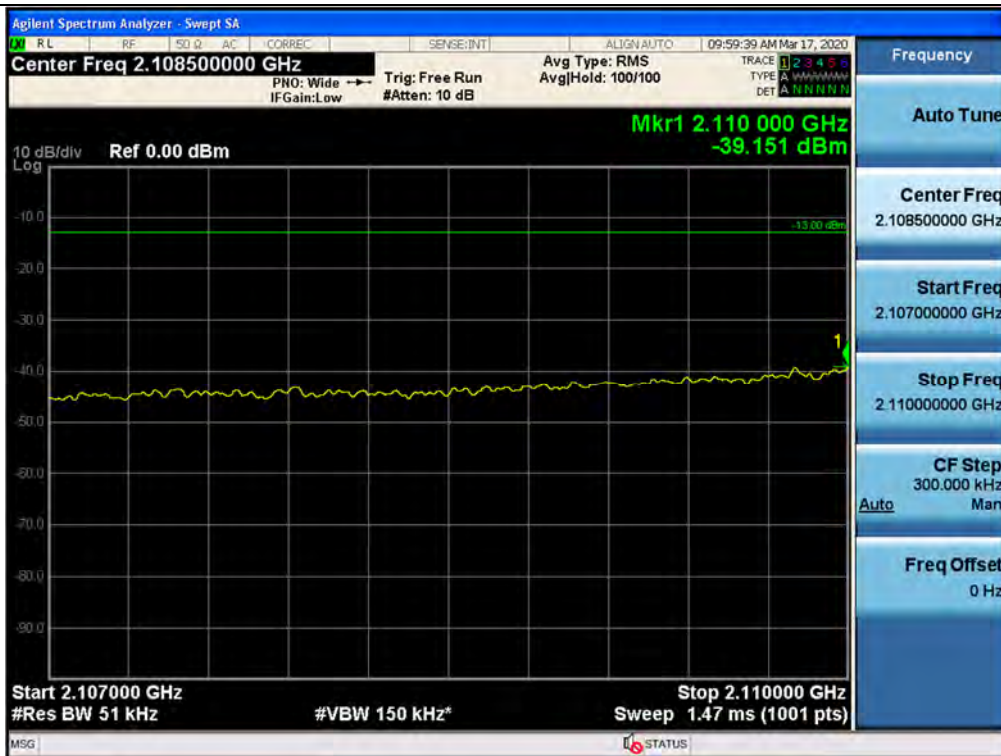
Out-of-band (single test signals) / AWS / Downlink / WCDMA / Lower



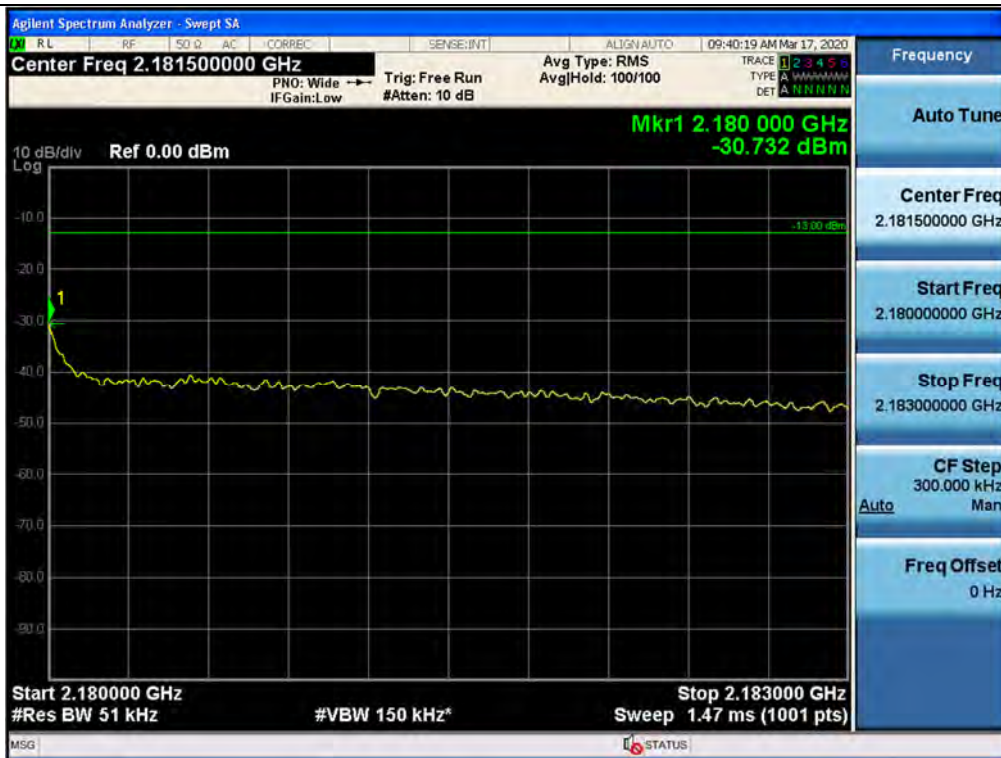
+3 dB above Out-of-band (single test signals) / AWS / Downlink / WCDMA / Upper



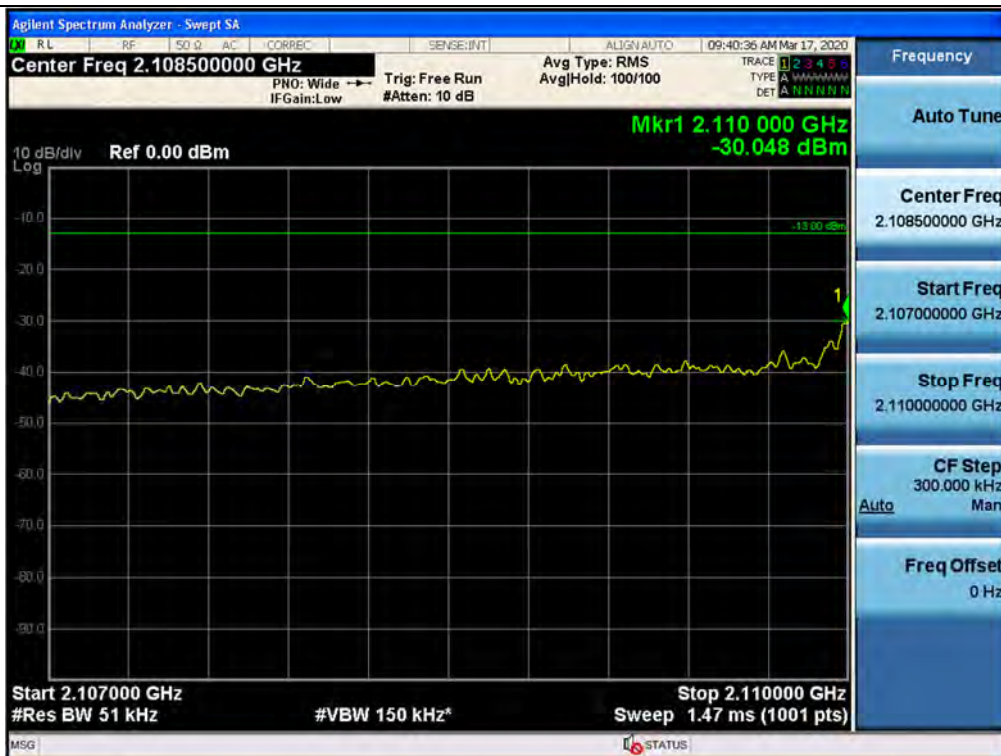
+3 dB above Out-of-band (single test signals) / AWS / Downlink / WCDMA / Lower



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



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



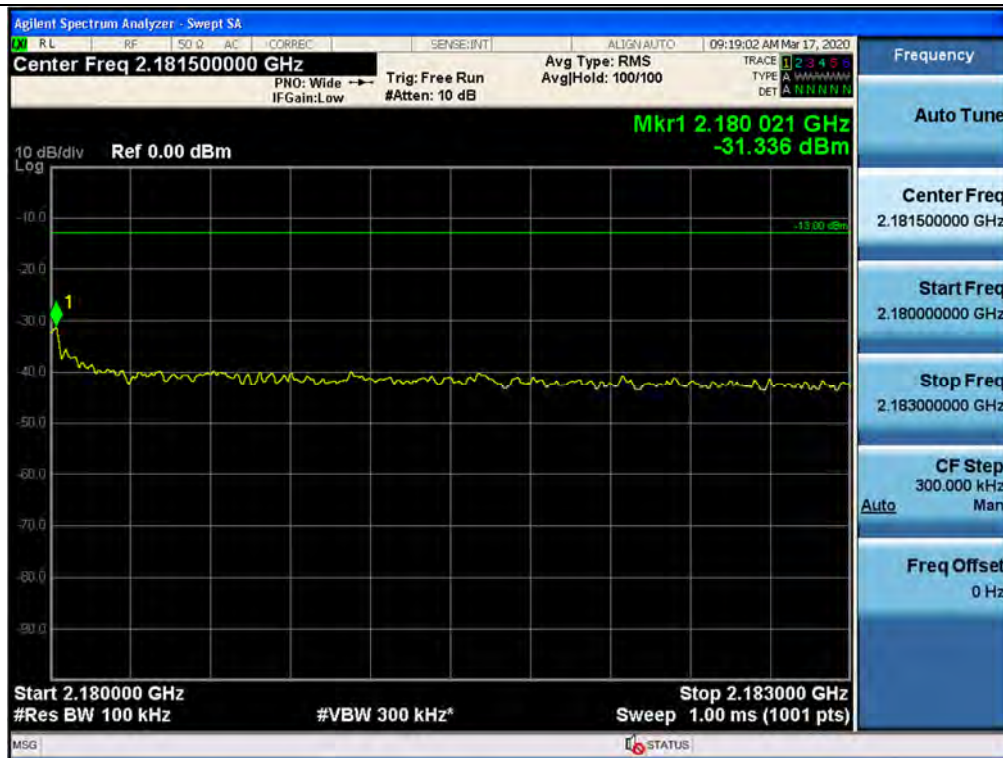
+3 dB above Out-of-band (single test signals) / AWS / Downlink / LTE 5 MHz / Upper



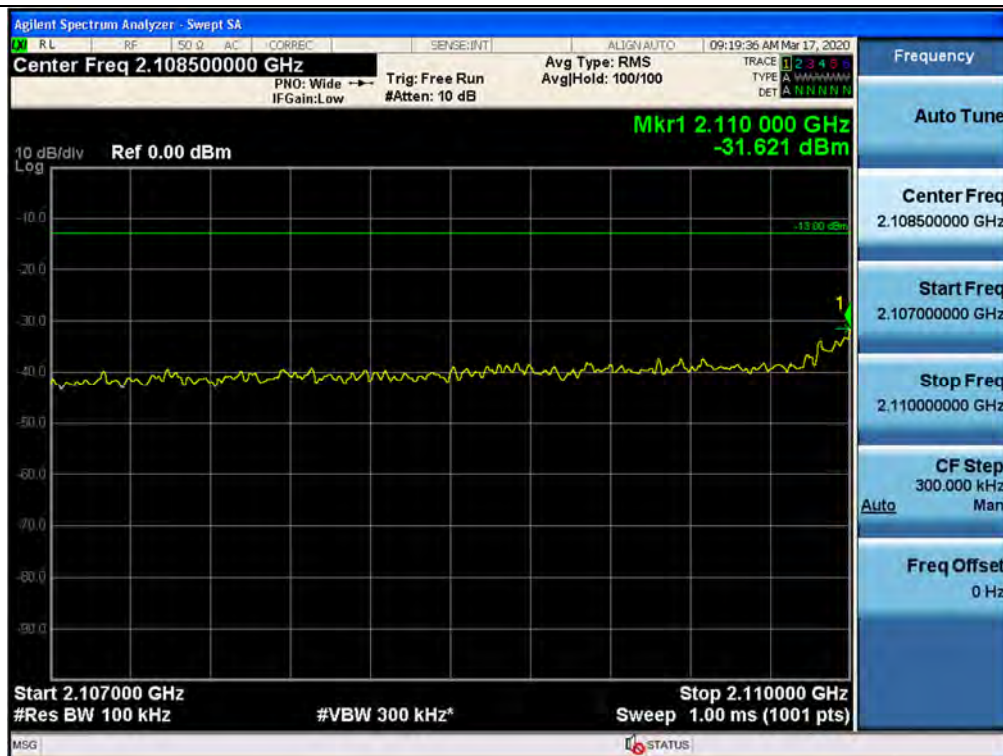
+3 dB above Out-of-band (single test signals) / AWS / Downlink / LTE 5 MHz / Lower



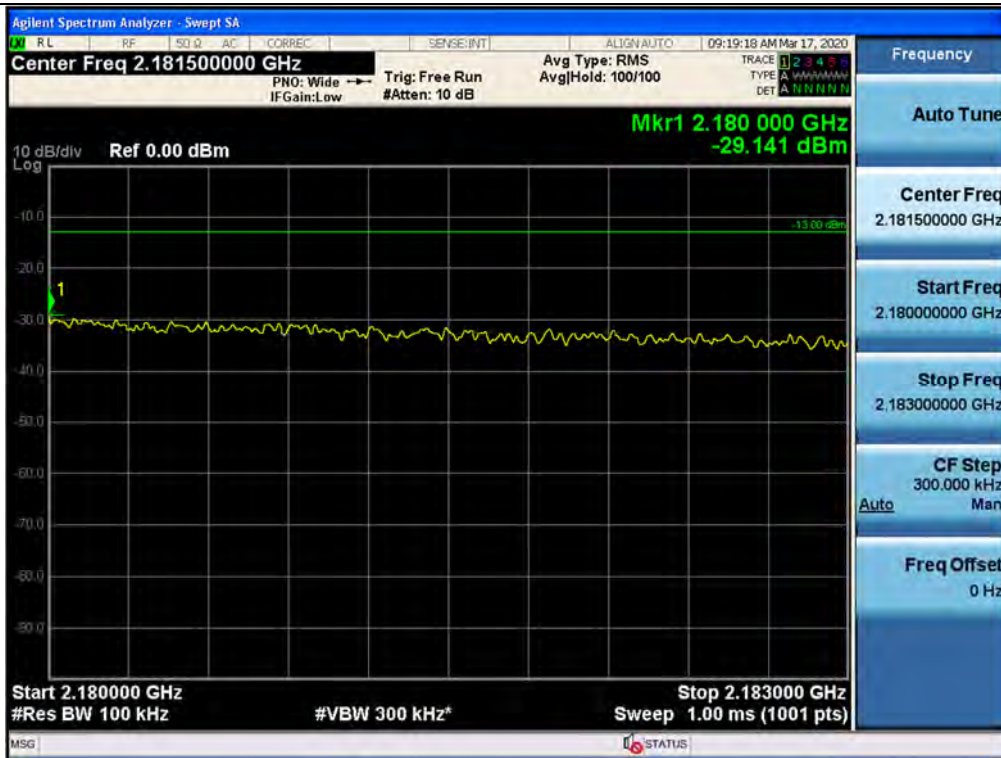
Out-of-band (single test signals) / AWS / Downlink / LTE 10 MHz / Upper



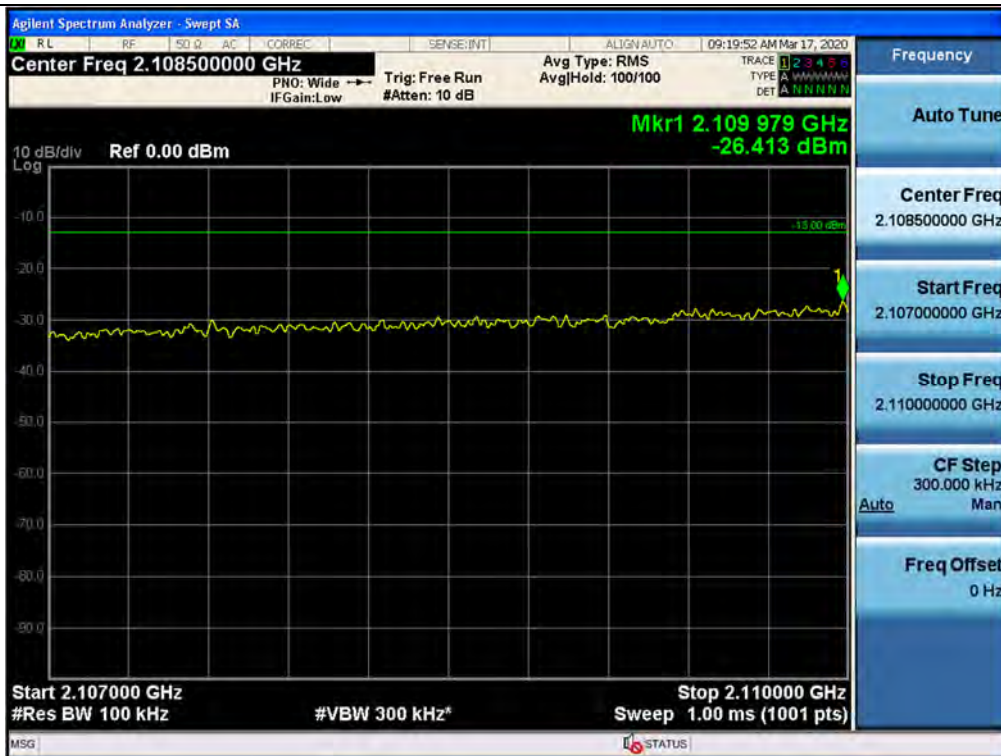
Out-of-band (single test signals) / AWS / Downlink / LTE 10 MHz / Lower



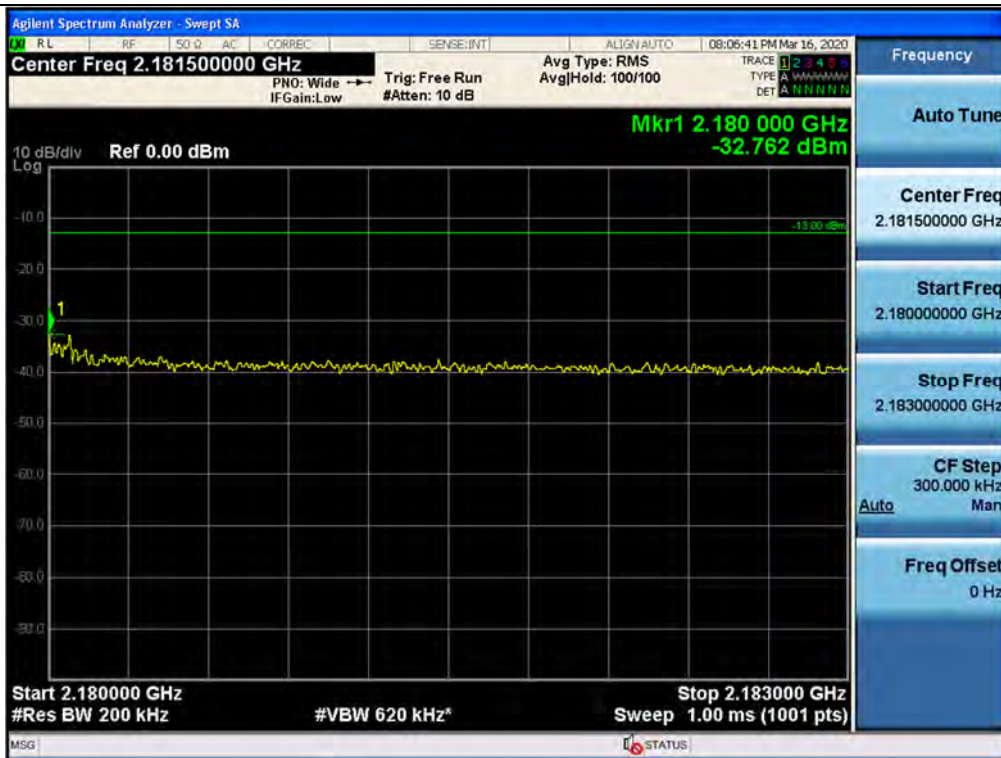
+3 dB above Out-of-band (single test signals) / AWS / Downlink / LTE 10 MHz / Upper



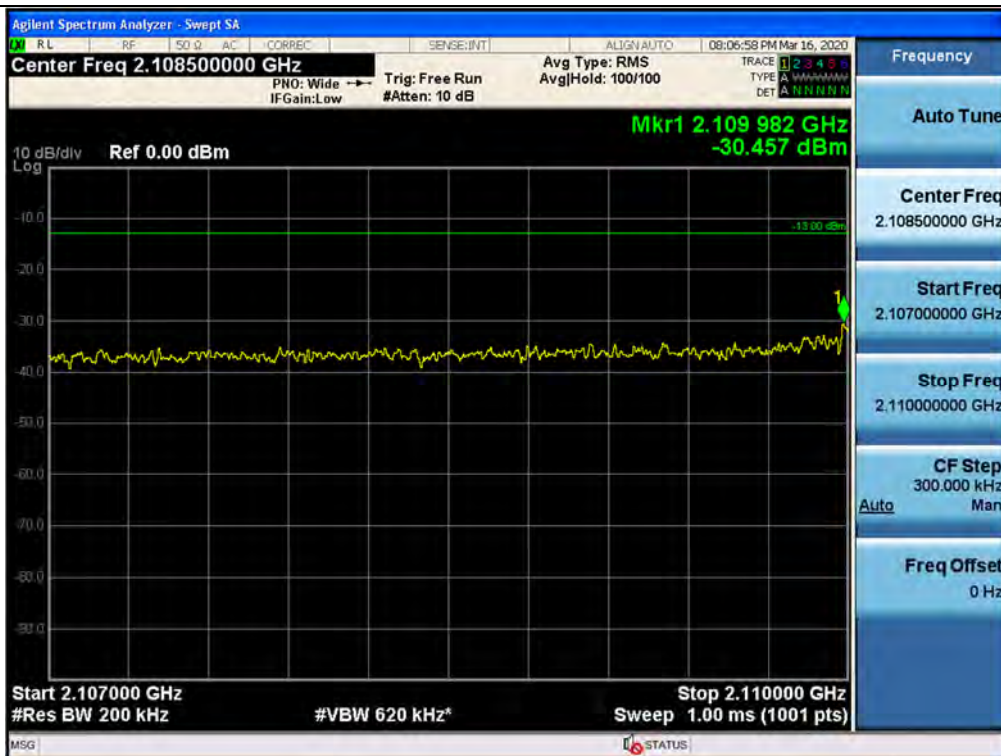
+3 dB above Out-of-band (single test signals) / AWS / Downlink / LTE 10 MHz / Lower



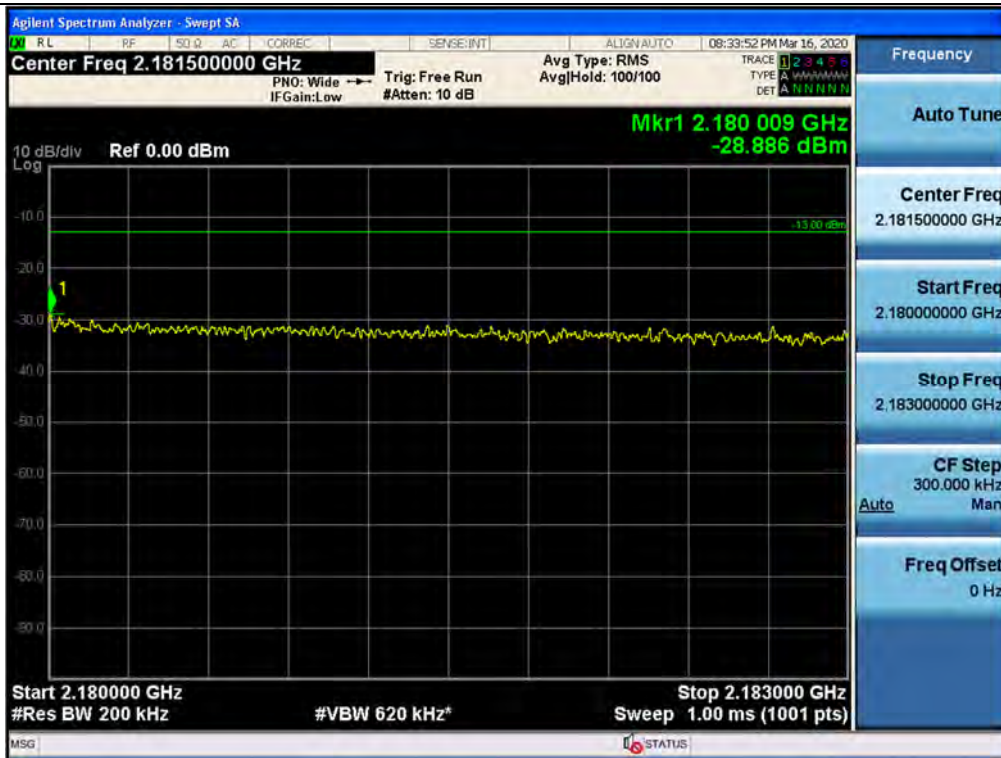
Out-of-band (single test signals) / AWS / Downlink / LTE 20 MHz / Upper



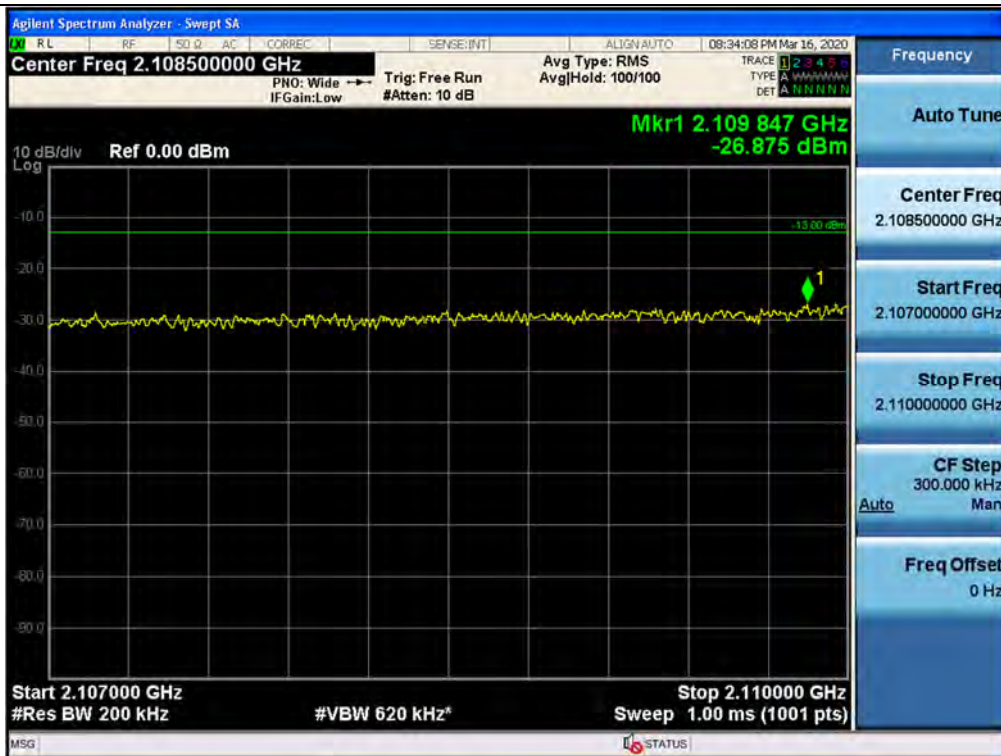
Out-of-band (single test signals) / AWS / Downlink / LTE 20 MHz / Lower



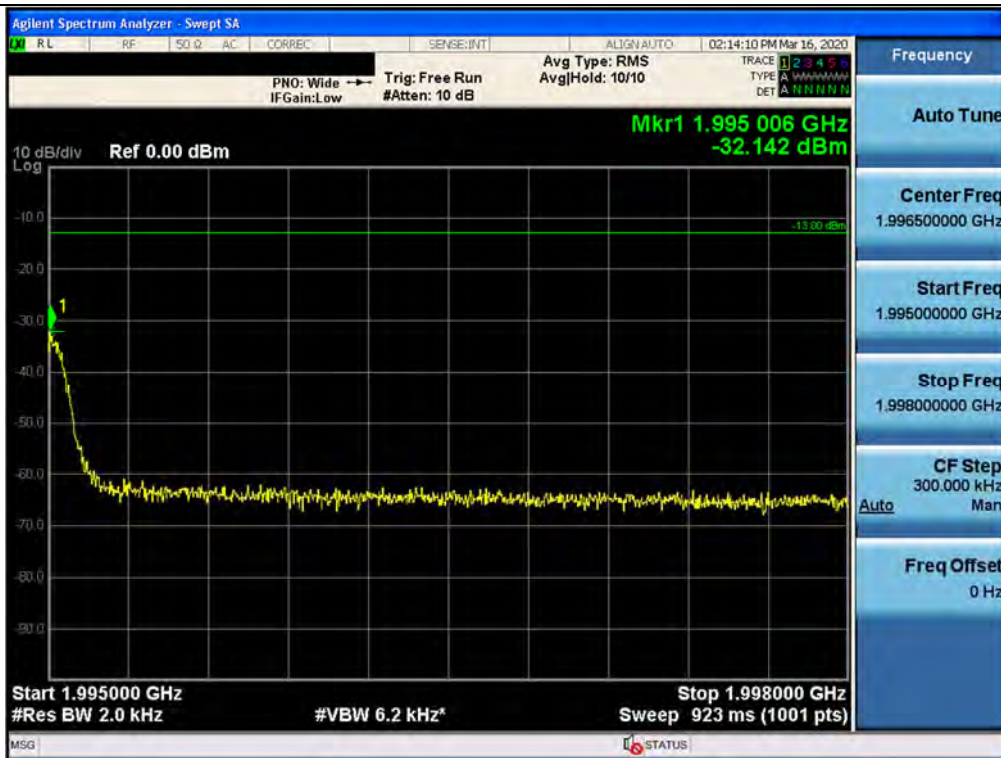
+3 dB above Out-of-band (single test signals) / AWS / Downlink / LTE 20 MHz / Upper



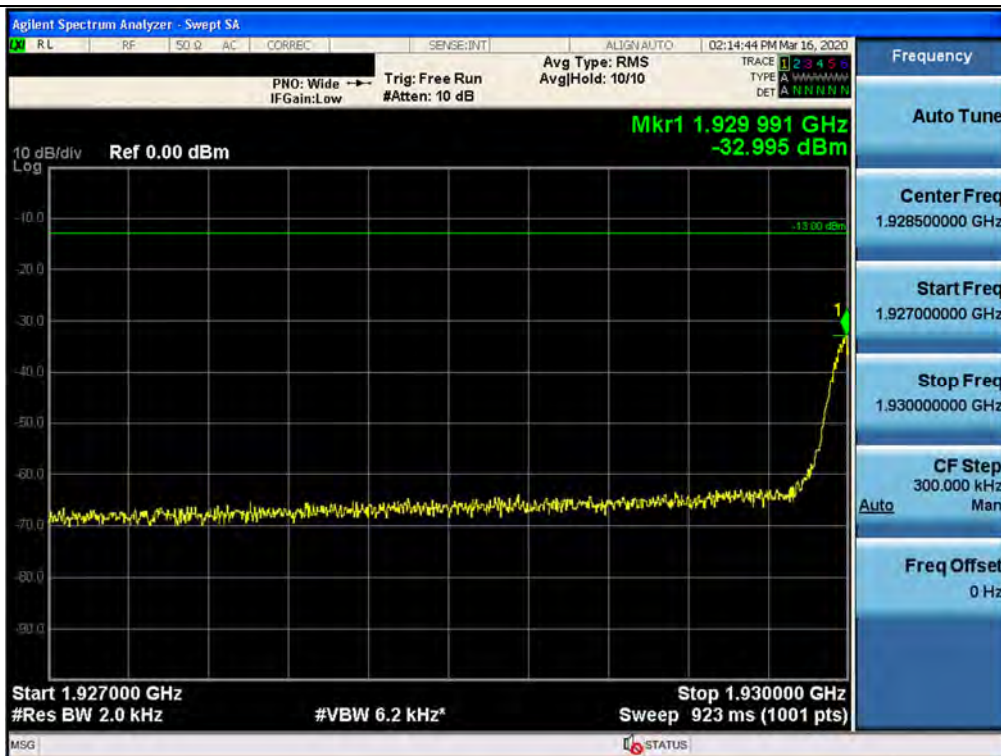
+3 dB above Out-of-band (single test signals) / AWS / Downlink / LTE 20 MHz / Lower



Out-of-band (single test signals) / PCS / Downlink / GSM / Upper



Out-of-band (single test signals) / PCS / Downlink / GSM / Lower



Agilent Spectrum Analyzer - Swept SA

RL RF SQ Q AC CORREC SENSE/INT ALIGN/AUTO 03:57:08 PM Mar 16, 2020

PNO: Wide → Trig: Free Run
IF Gain: Low #Atten: 10 dB

Avg Type: RMS
Avg/Hold: 10/10

TRACE 1 2 3 4 5 6
TYPE S MAX/MIN
DET A N N N N N

Frequency

Auto Tune

Center Freq
1.996500000 GHz

Start Freq
1.995000000 GHz

Stop Freq
1.998000000 GHz

CF Step
300.000 kHz
Auto Man

Freq Offset
0 Hz

10 dB/div Ref 0.00 dBm

Mkr1 1.995 000 GHz
-31.113 dBm

Log

Start 1.995000 GHz
#Res BW 2.0 kHz

Stop 1.998000 GHz
#VBW 6.2 kHz^h

Sweep 923 ms (1001 pts)

MSG STATUS

Agilent Spectrum Analyzer - Swept SA

RL RF SQ Z AC CORREC SENSE:INT ALIGN: AUTO 03:57:45 PM Mar 16, 2020

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

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

10 dB/div Ref 0.00 dBm

Mkr1 1.929 982 GHz
-31.187 dBm

Start 1.927000 GHz Stop 1.930000 GHz
#Res BW 2.0 kHz #VBW 6.2 kHz* Sweep 923 ms (1001 pts)

MSG STATUS

Out-of-band (single test signals) / PCS / Downlink / CDMA / Upper



Out-of-band (single test signals) / PCS / Downlink / CDMA / Lower



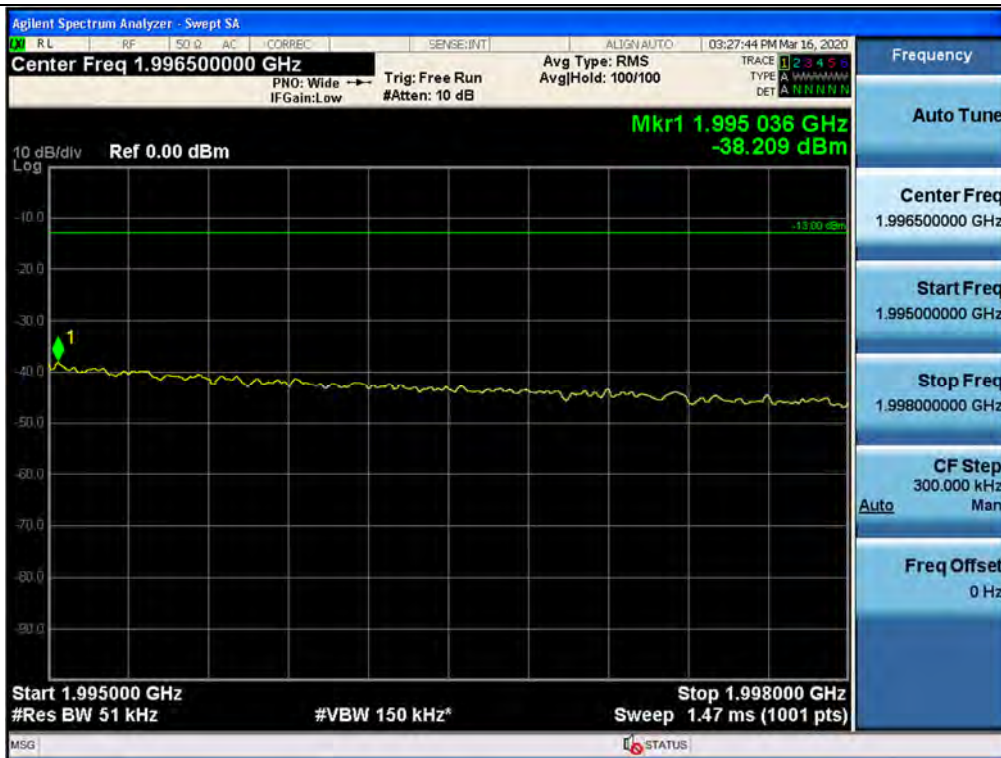
+3 dB above Out-of-band (single test signals) / PCS / Downlink / CDMA / Upper



+3 dB above Out-of-band (single test signals) / PCS / Downlink / CDMA / Lower



Out-of-band (single test signals) / PCS / Downlink / WCDMA / Upper



Out-of-band (single test signals) / PCS / Downlink / WCDMA / Lower



+3 dB above Out-of-band (single test signals) / PCS / Downlink / WCDMA / Upper



+3 dB above Out-of-band (single test signals) / PCS / Downlink / WCDMA / Lower



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



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



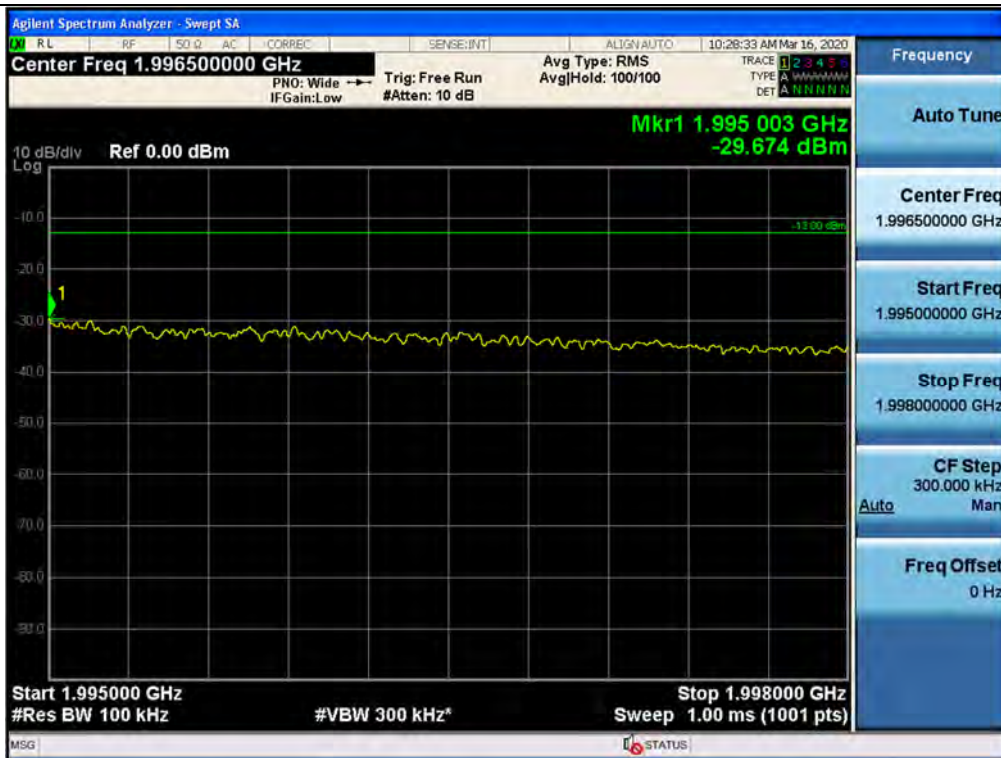
+3 dB above Out-of-band (single test signals) / PCS / Downlink / LTE 5 MHz / Upper



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



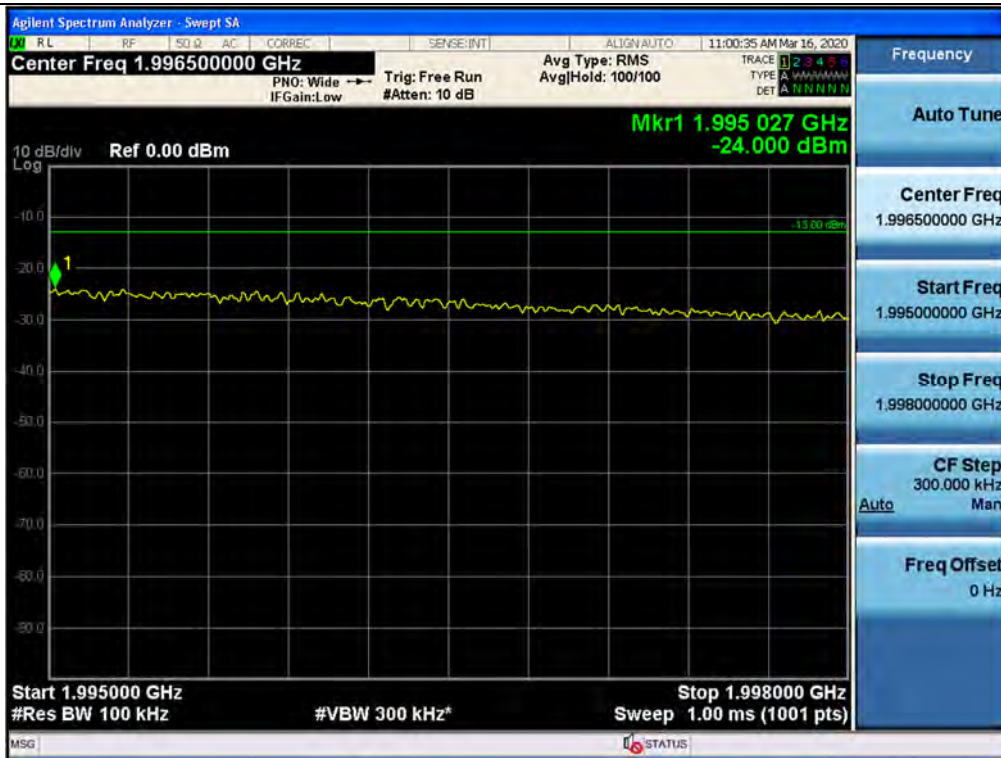
Out-of-band (single test signals) / PCS / Downlink / LTE 10 MHz / Upper



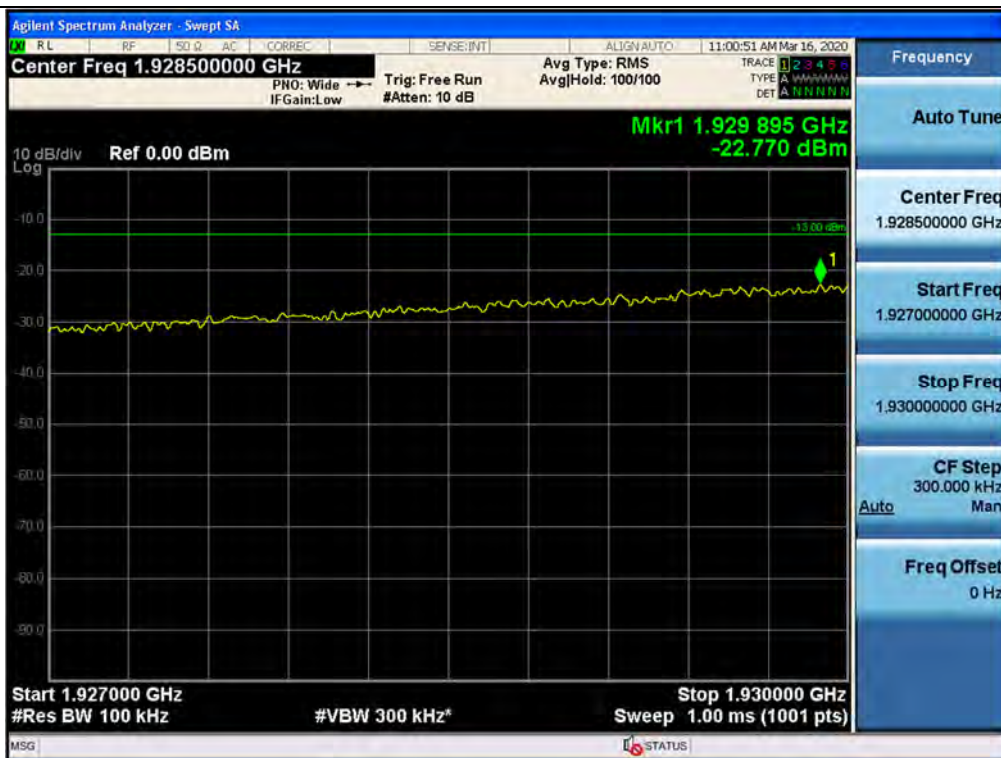
Out-of-band (single test signals) / PCS / Downlink / LTE 10 MHz / Lower



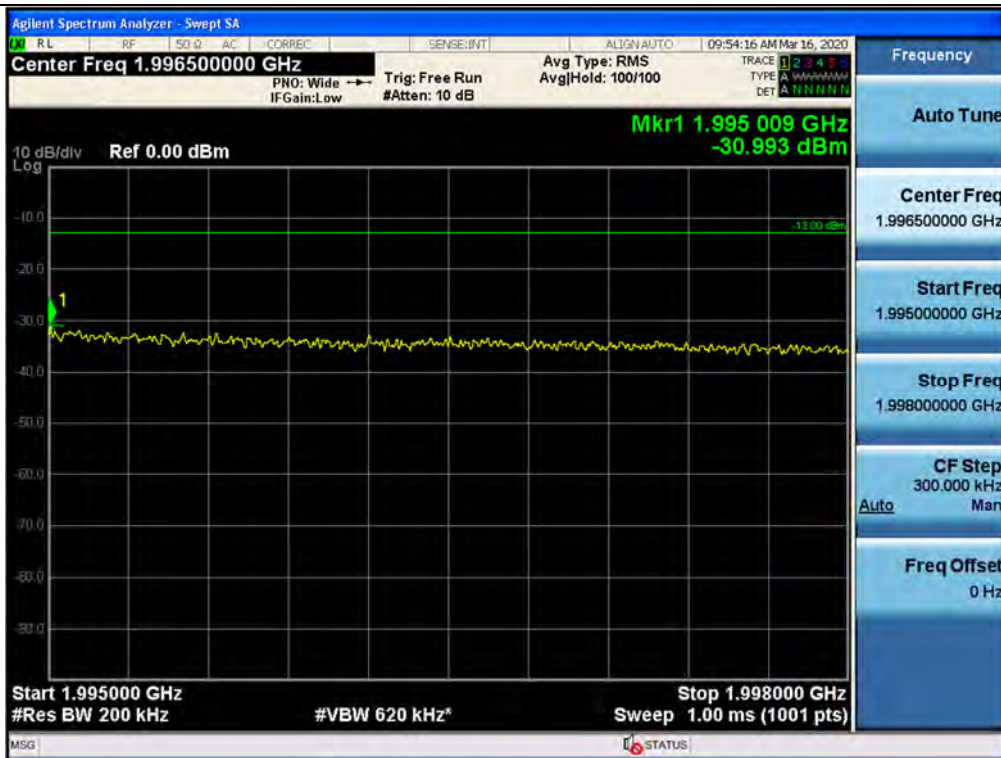
+3 dB above Out-of-band (single test signals) / PCS / Downlink / LTE 10 MHz / Upper



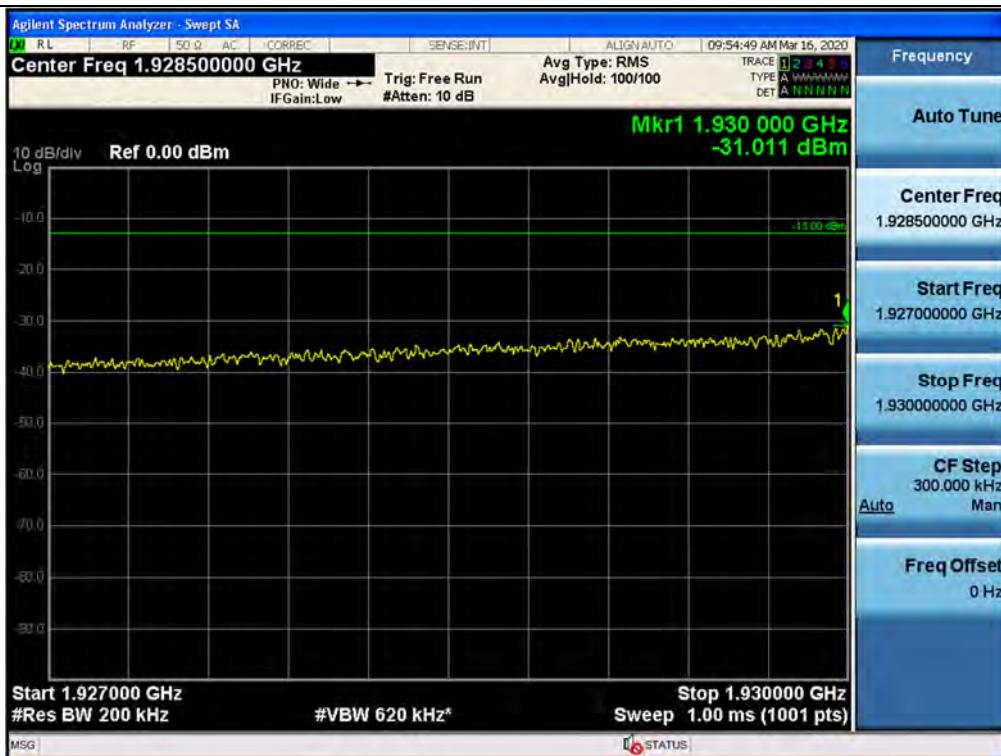
+3 dB above Out-of-band (single test signals) / PCS / Downlink / LTE 10 MHz / Lower



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



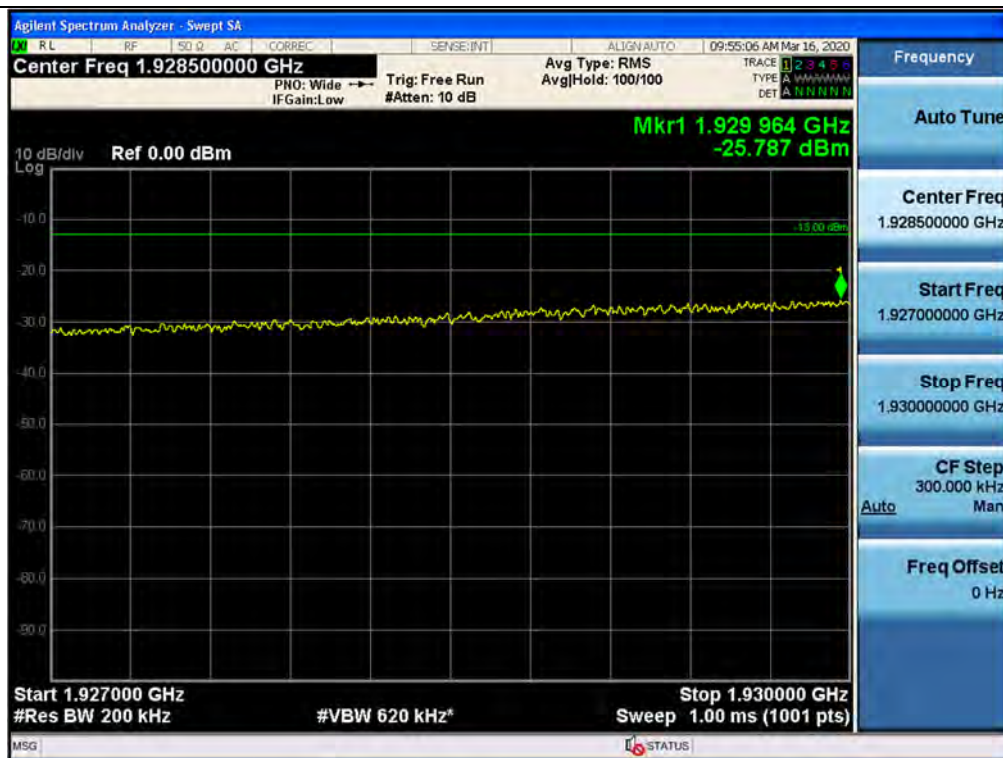
Out-of-band (single test signals) / PCS / Downlink / LTE 20 MHz / Lower



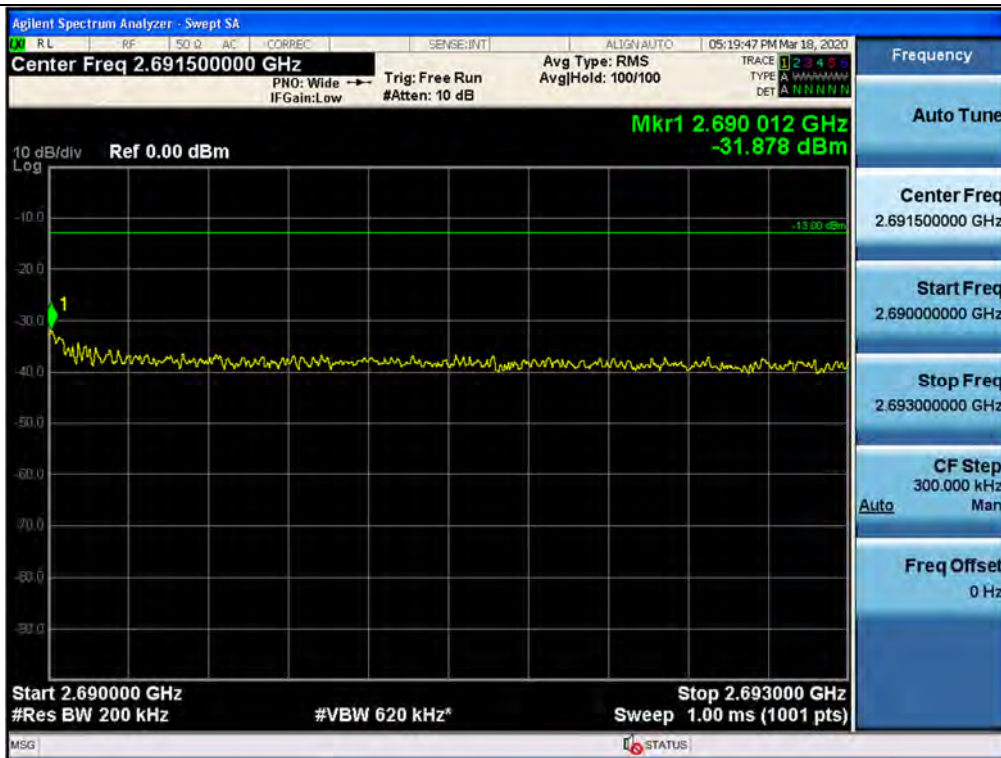
+3 dB above Out-of-band (single test signals) / PCS / Downlink / LTE 20 MHz / Upper



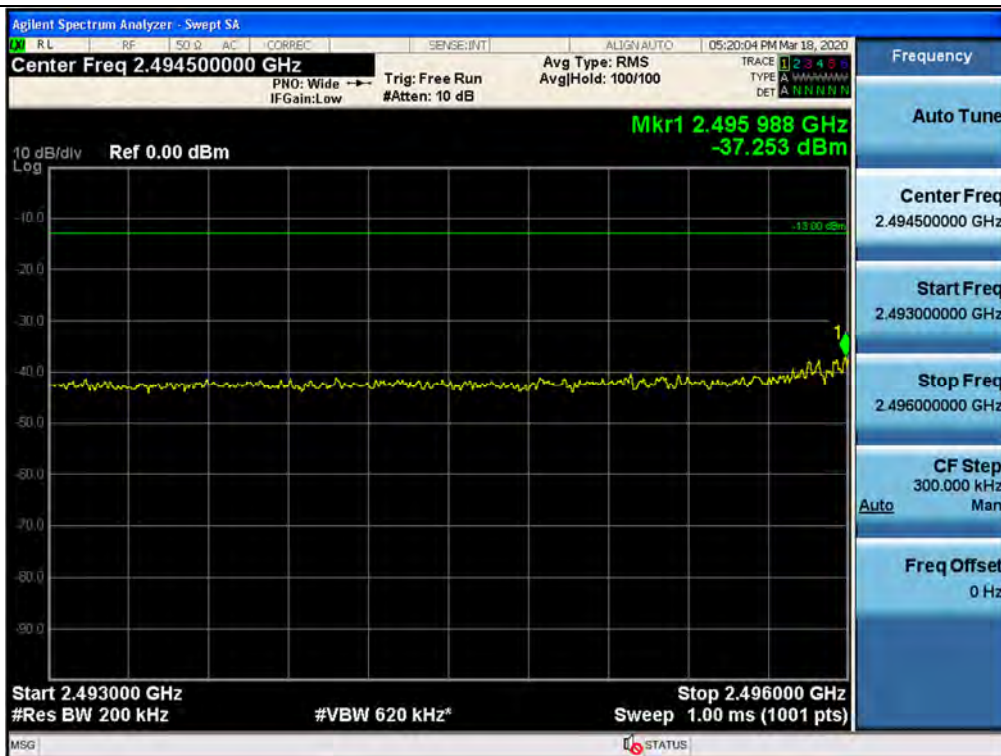
+3 dB above Out-of-band (single test signals) / PCS / Downlink / LTE 20 MHz / Lower



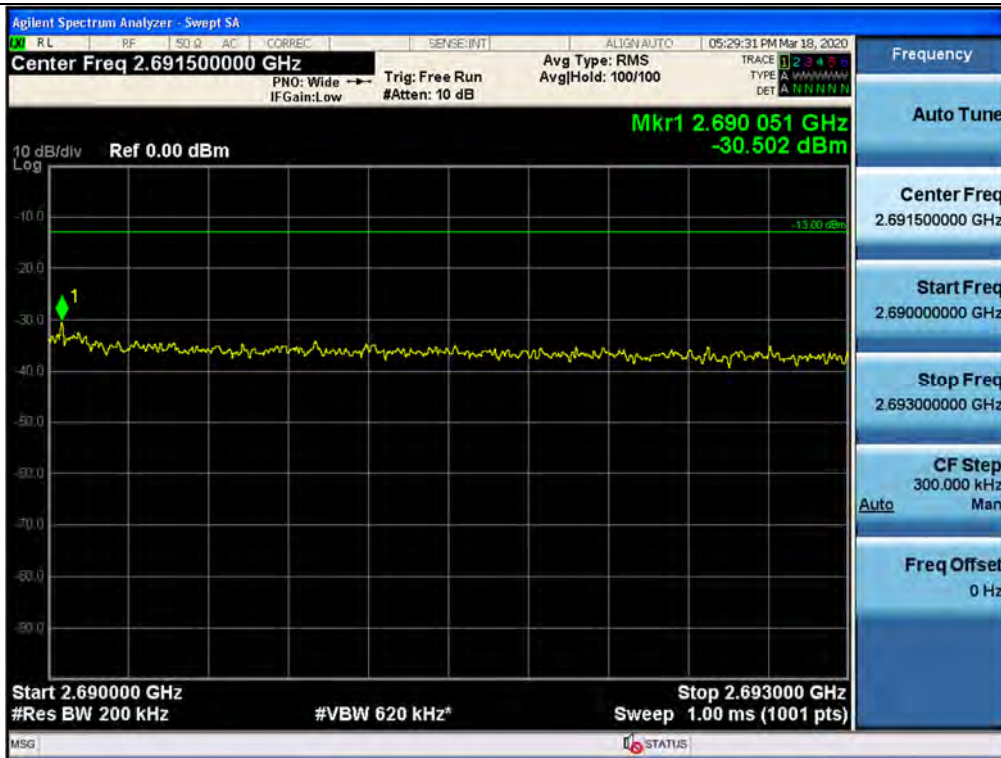
Out-of-band (single test signals) / BRS/EBS / Downlink / LTE 20 MHz / Upper



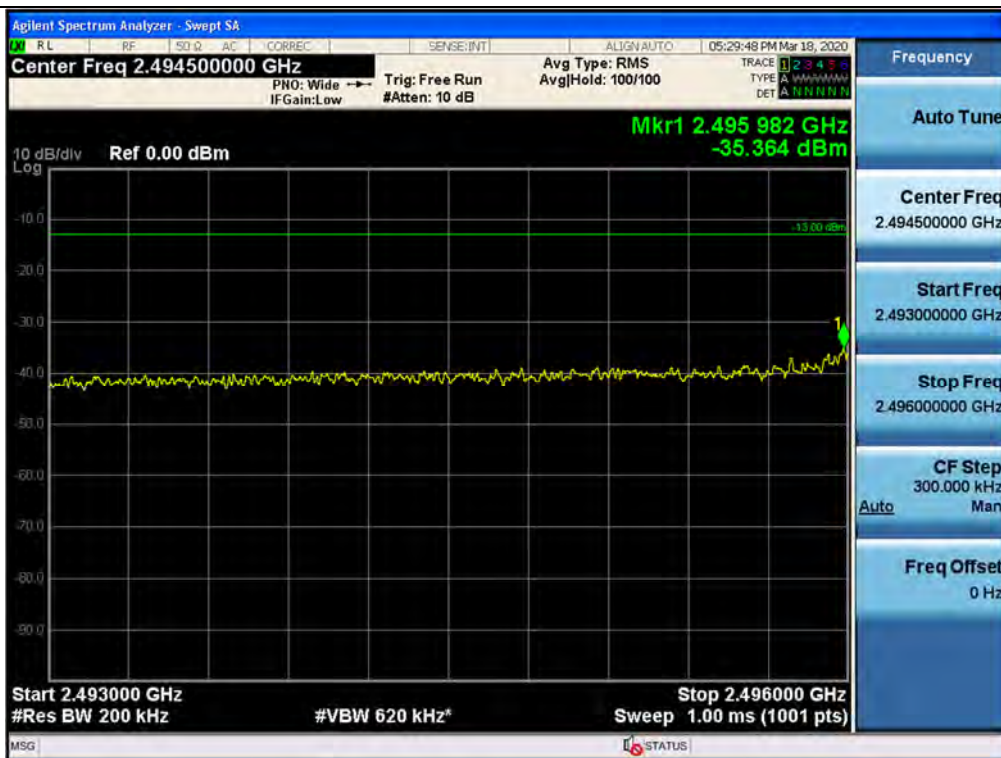
Out-of-band (single test signals) / BRS/EBS / Downlink / LTE 20 MHz / Lower



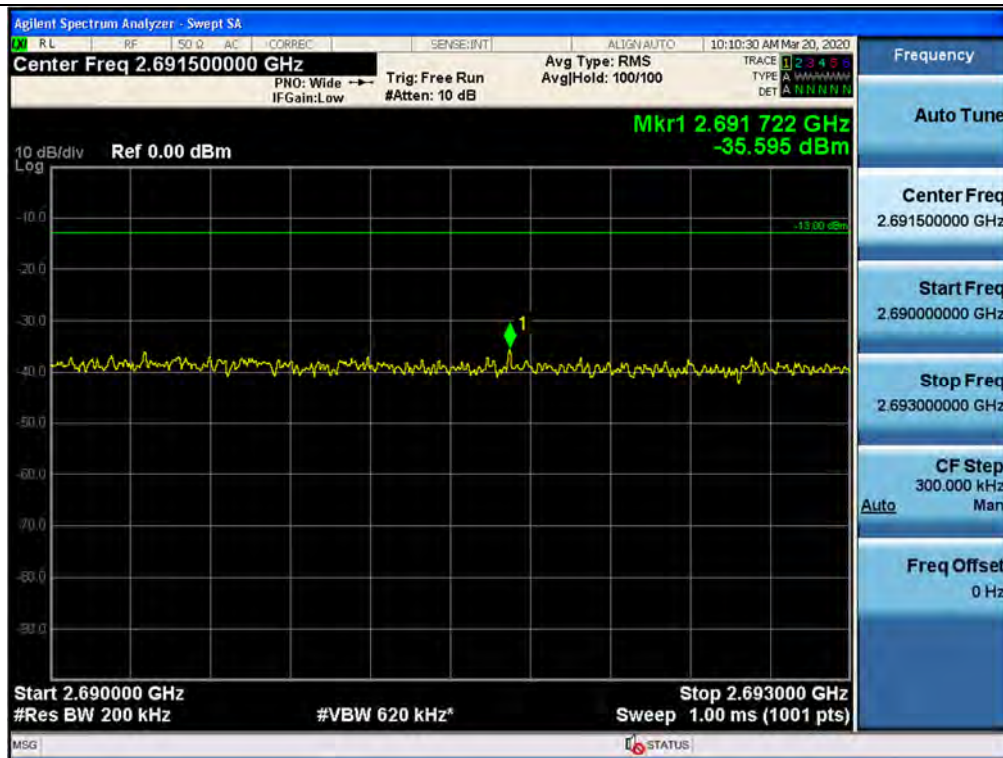
+3 dB above Out-of-band (single test signals) / BRS/EBS / Downlink / LTE 20 MHz / Upper



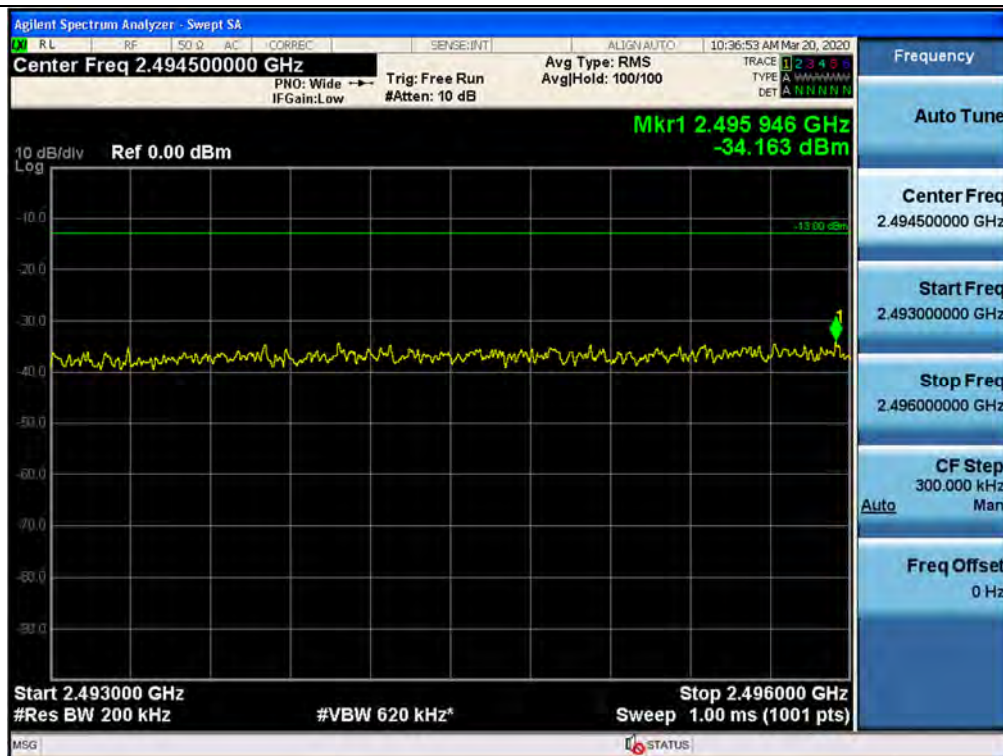
+3 dB above Out-of-band (single test signals) / BRS/EBS / Downlink / LTE 20 MHz / Lower



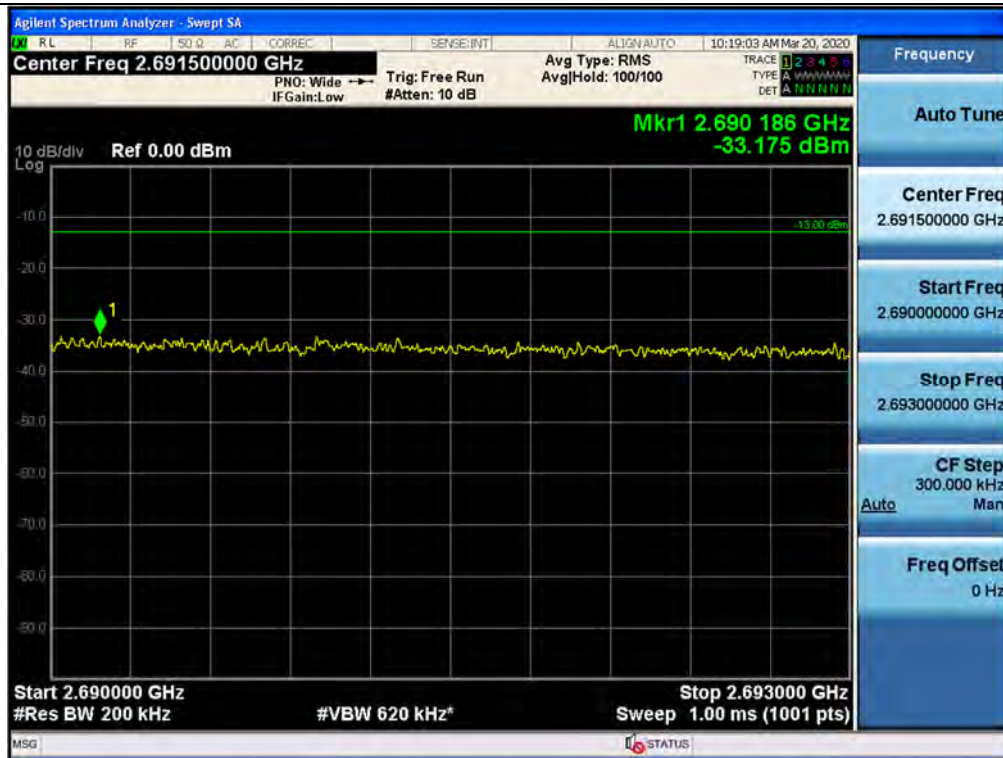
Out-of-band (single test signals) / BRS/EBS / Downlink / 5G NR 20M / Upper



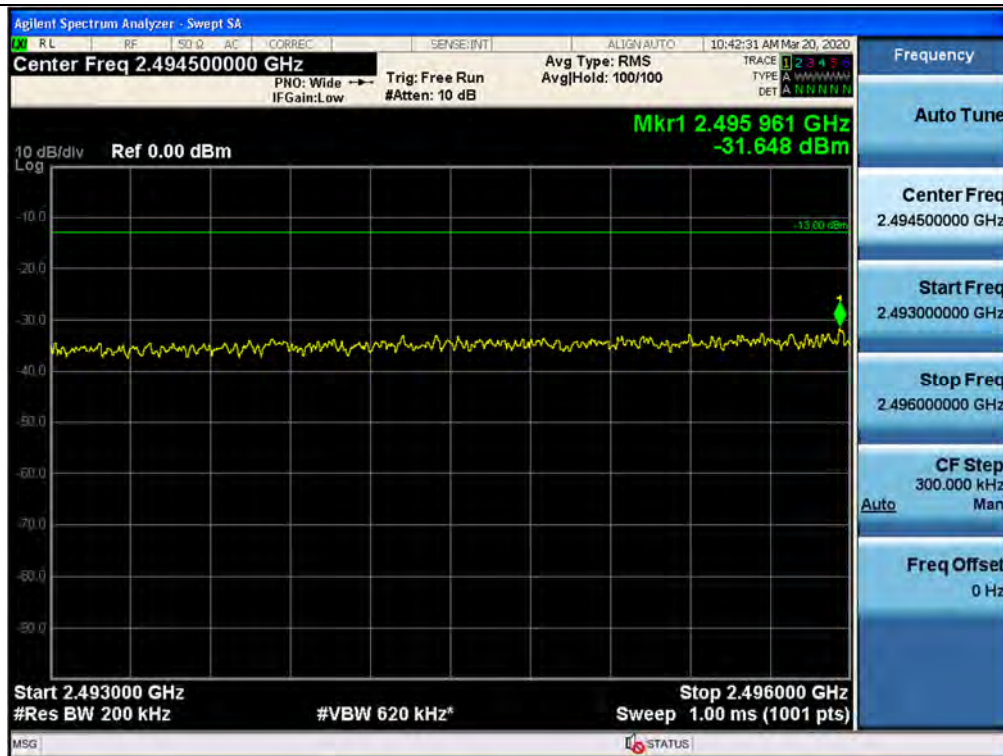
Out-of-band (single test signals) / BRS/EBS / Downlink / 5G NR 20M / Lower



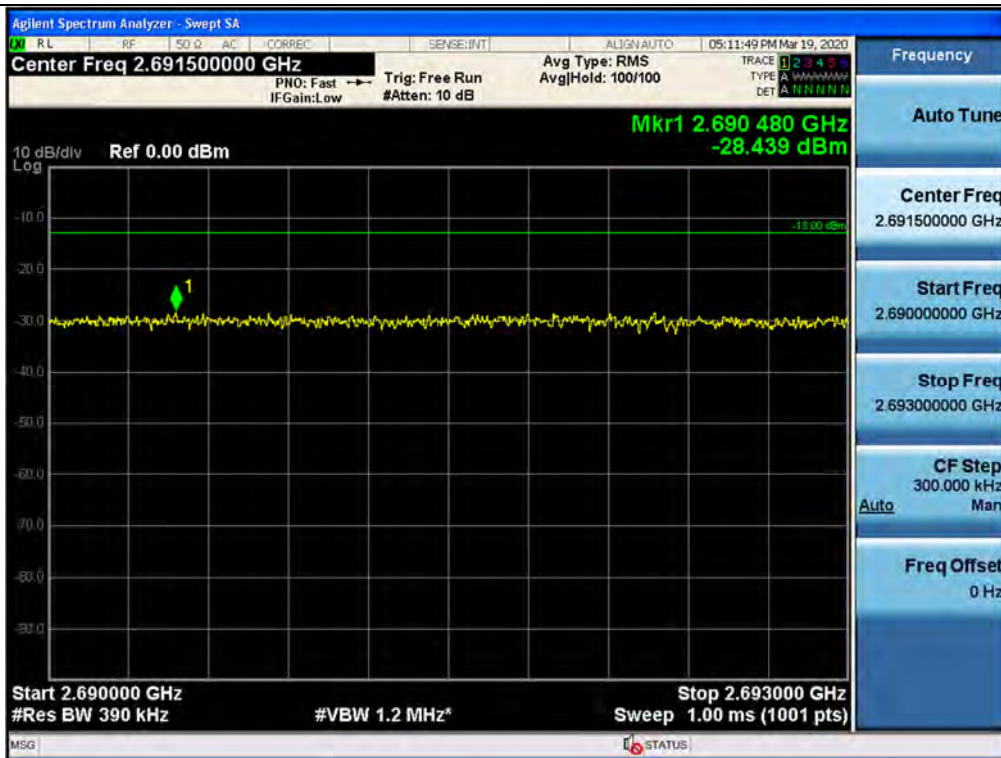
+3 dB above Out-of-band (single test signals) / BRS/EBS / Downlink / 5G NR 20M / Upper



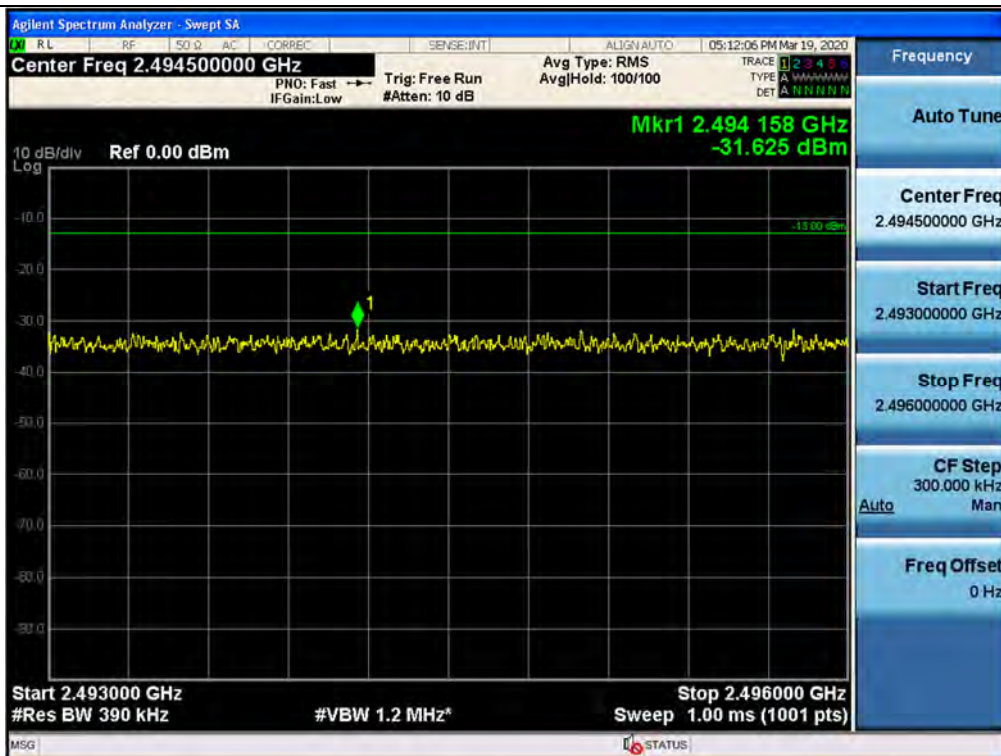
+3 dB above Out-of-band (single test signals) / BRS/EBS / Downlink / 5G NR 20M / Lower



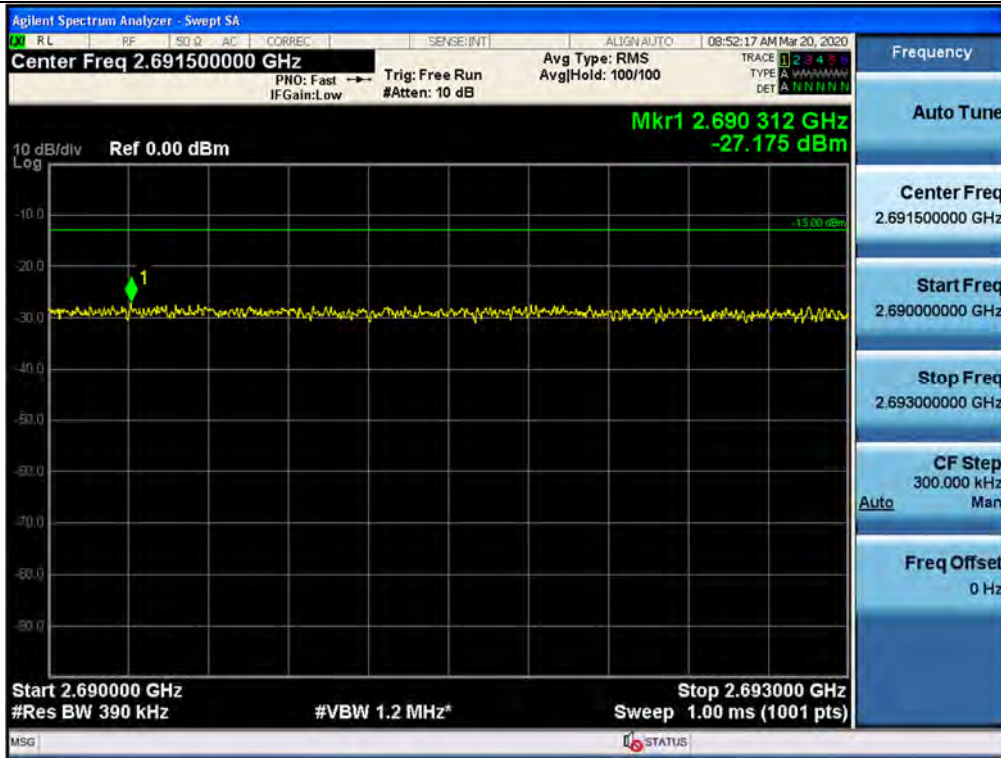
Out-of-band (single test signals) / BRS/EBS / Downlink / 5G NR 40M / Upper



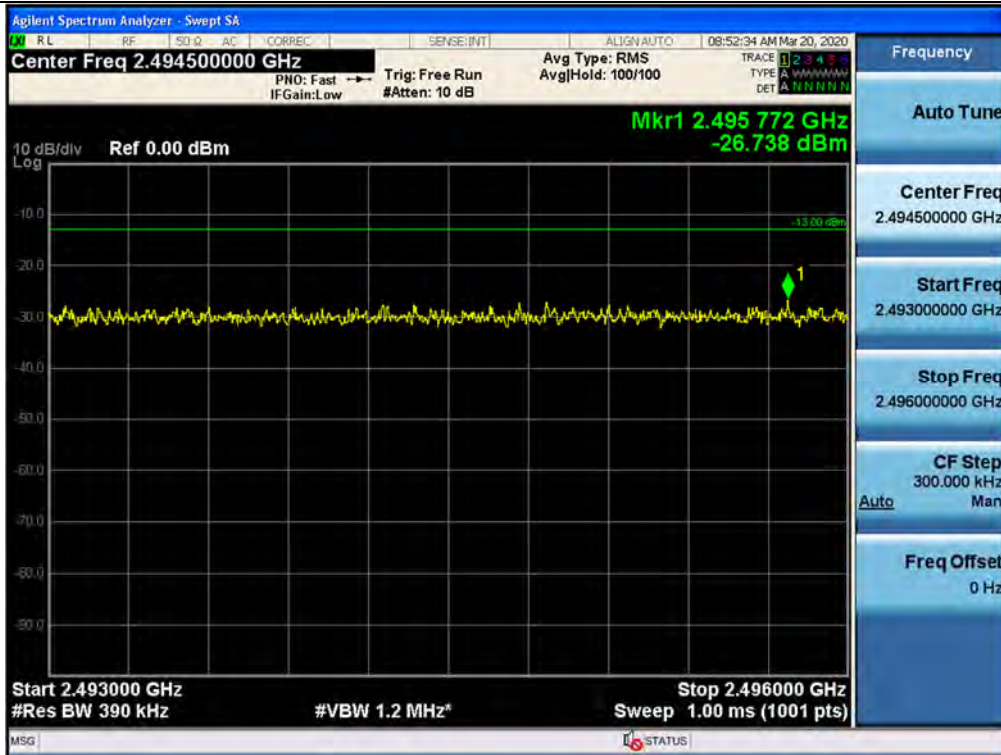
Out-of-band (single test signals) / BRS/EBS / Downlink / 5G NR 40M / Lower



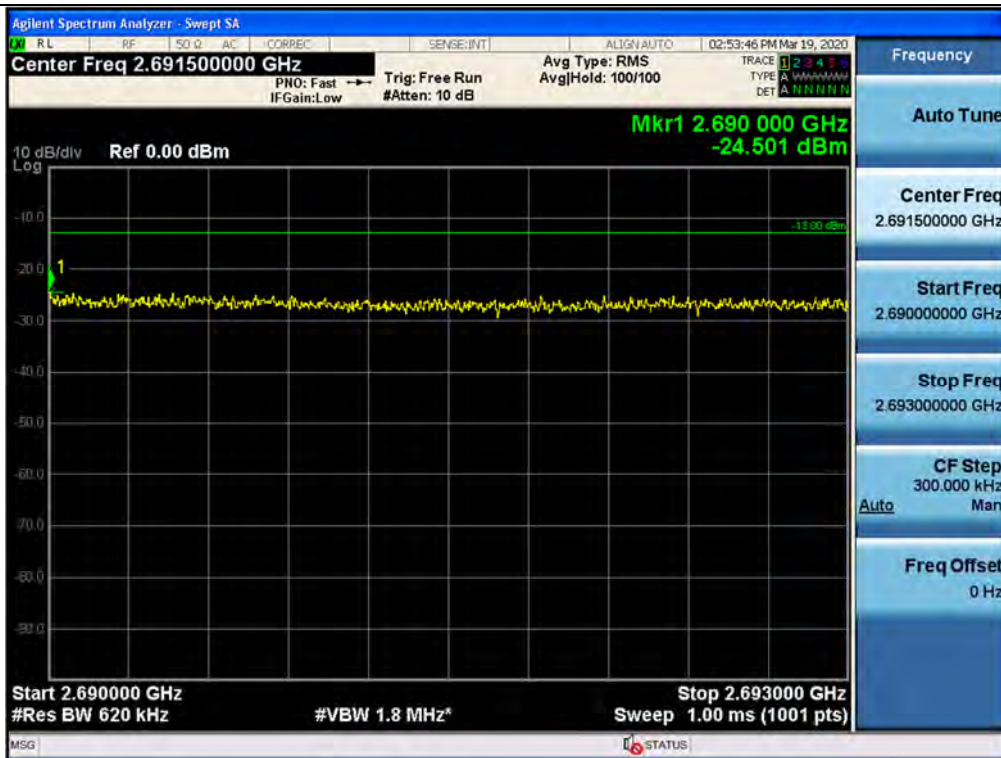
+3 dB above Out-of-band (single test signals) / BRS/EBS / Downlink / 5G NR 40M / Upper



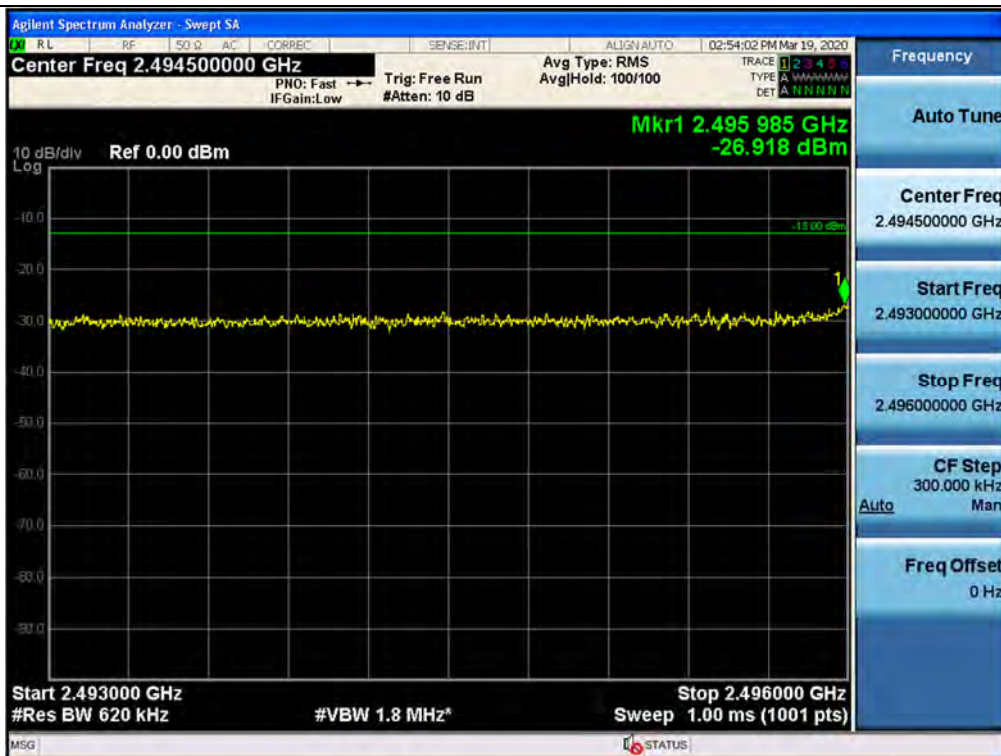
+3 dB above Out-of-band (single test signals) / BRS/EBS / Downlink / 5G NR 40M / Lower



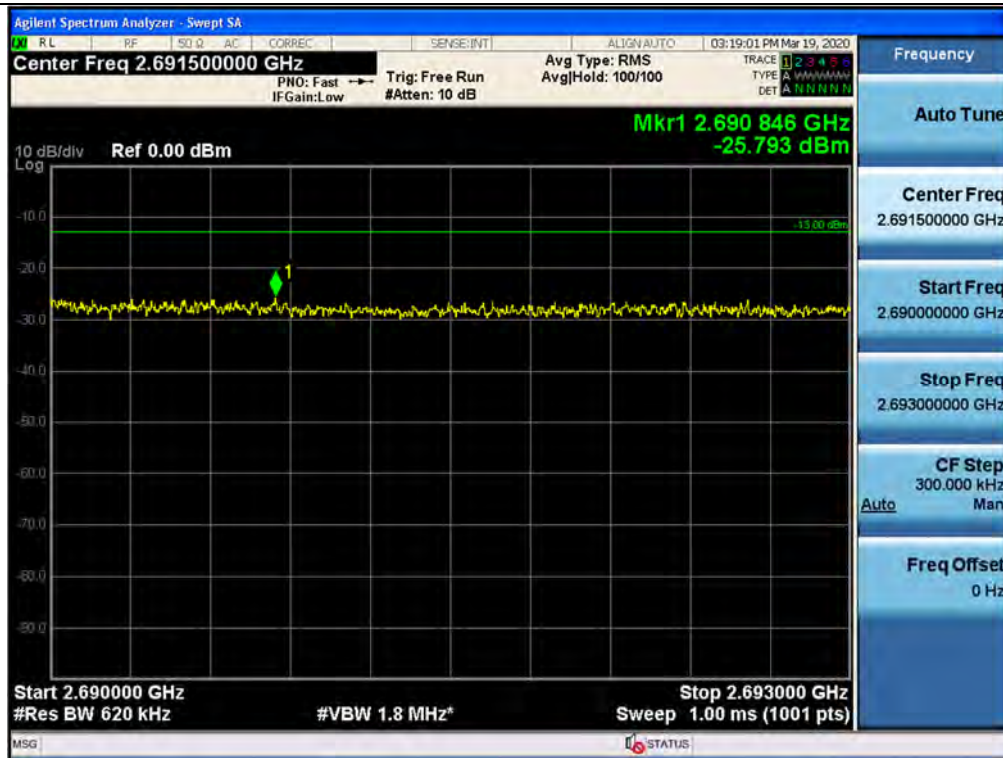
Out-of-band (single test signals) / BRS/EBS / Downlink / 5G NR 60M / Upper



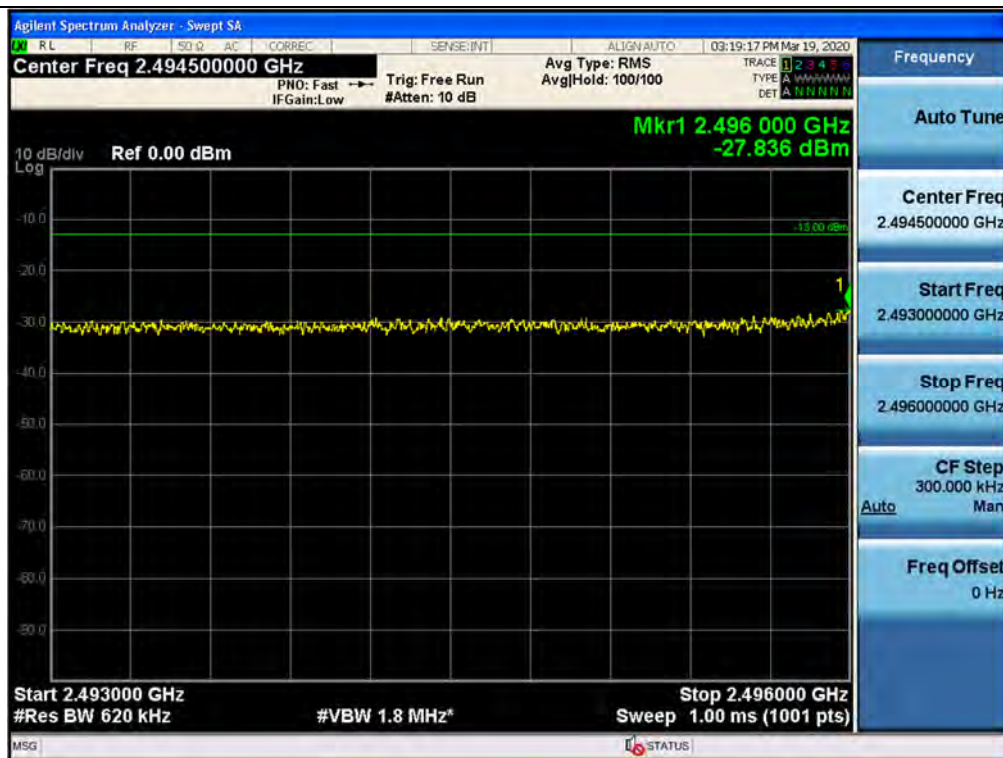
Out-of-band (single test signals) / BRS/EBS / Downlink / 5G NR 60M / Lower



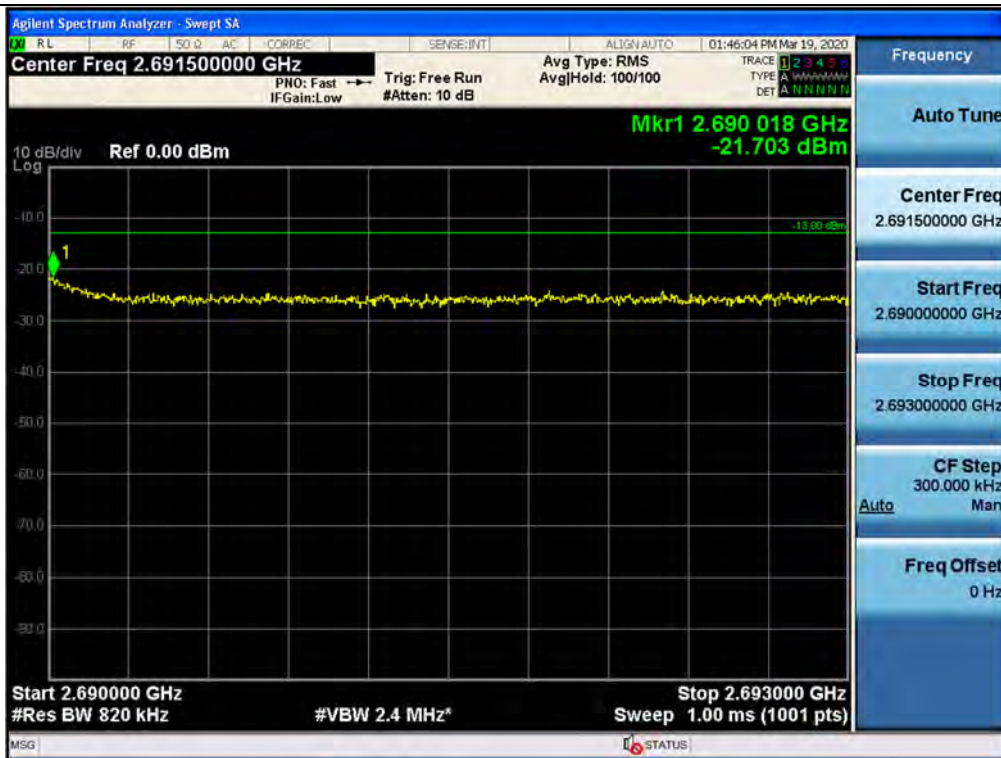
+3 dB above Out-of-band (single test signals) / BRS/EBS / Downlink / 5G NR 60M / Upper



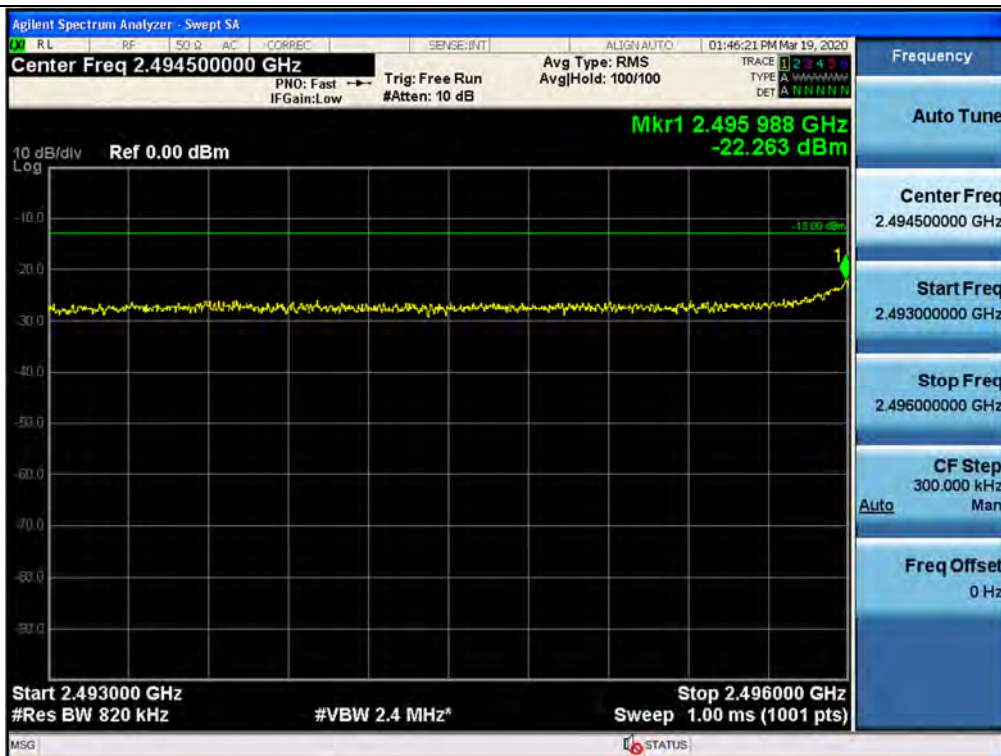
+3 dB above Out-of-band (single test signals) / BRS/EBS / Downlink / 5G NR 60M / Lower



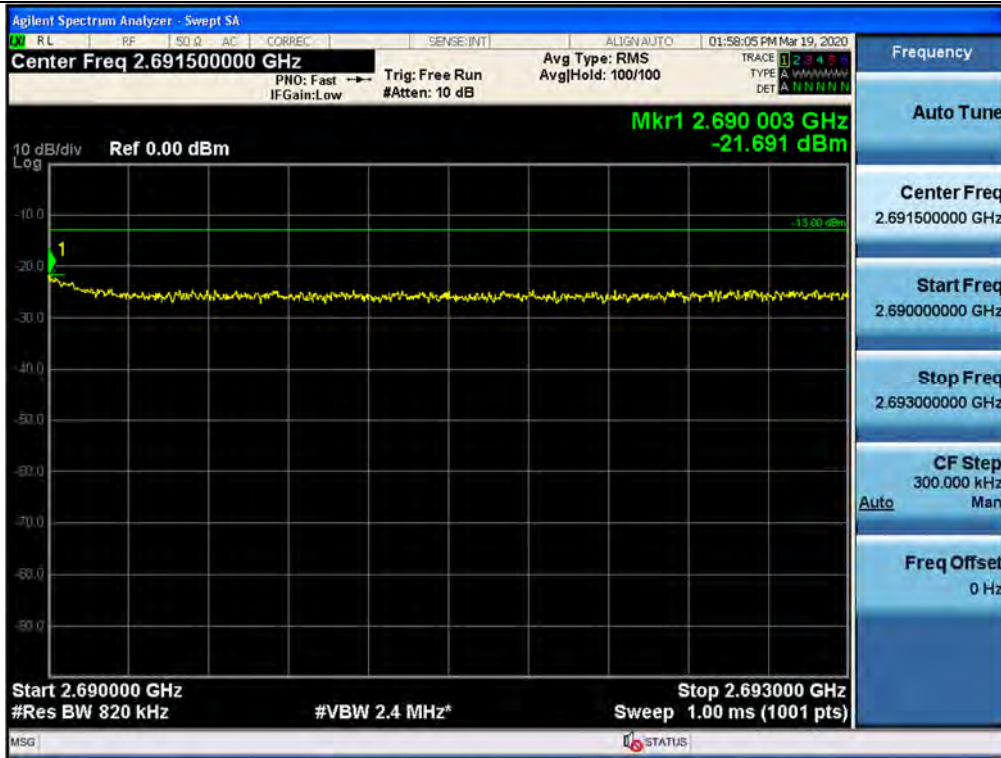
Out-of-band (single test signals) / BRS/EBS / Downlink / 5G NR 80M / Upper



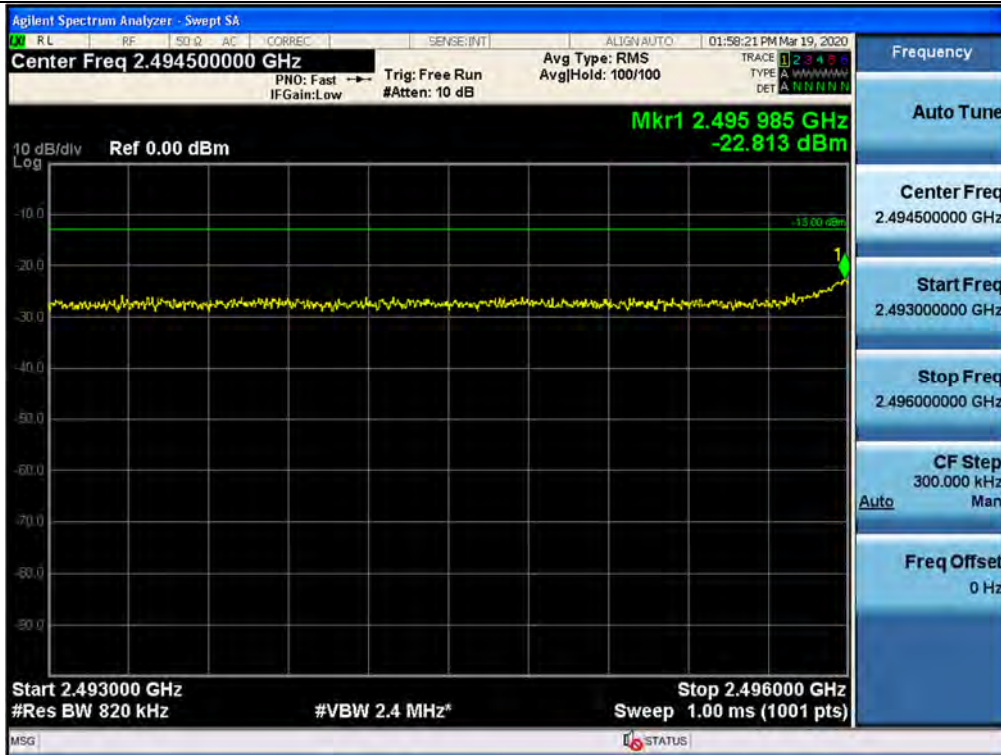
Out-of-band (single test signals) / BRS/EBS / Downlink / 5G NR 80M / Lower



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



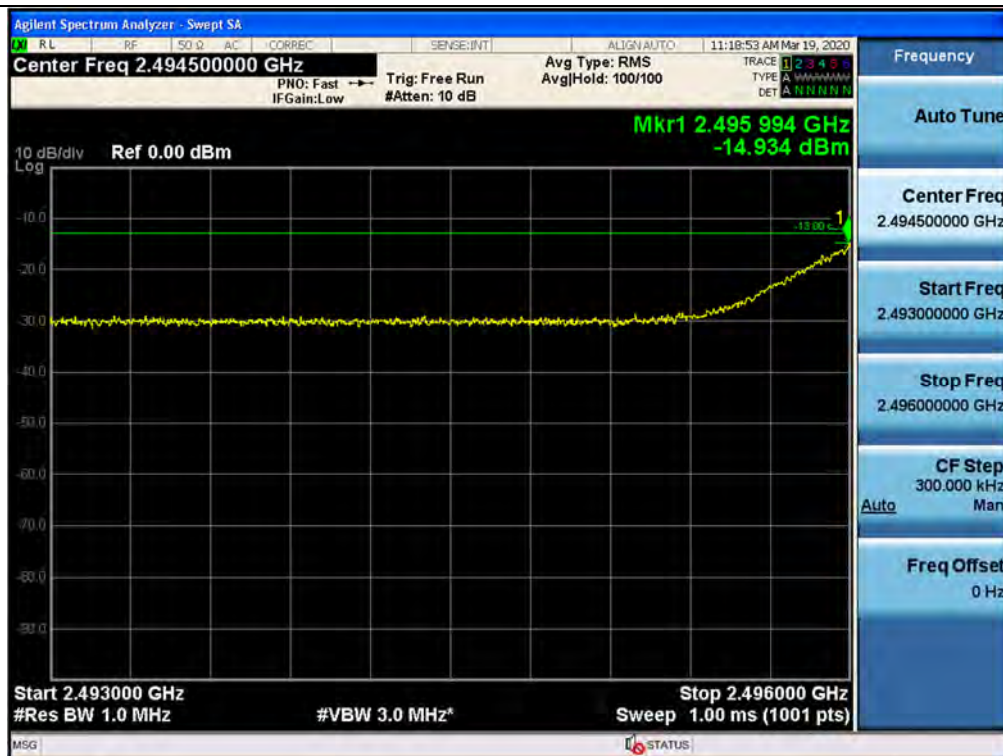
+3 dB above Out-of-band (single test signals) / BRS/EBS / Downlink / 5G NR 80M / Lower



Out-of-band (single test signals) / BRS/EBS / Downlink / 5G NR 100M / Upper



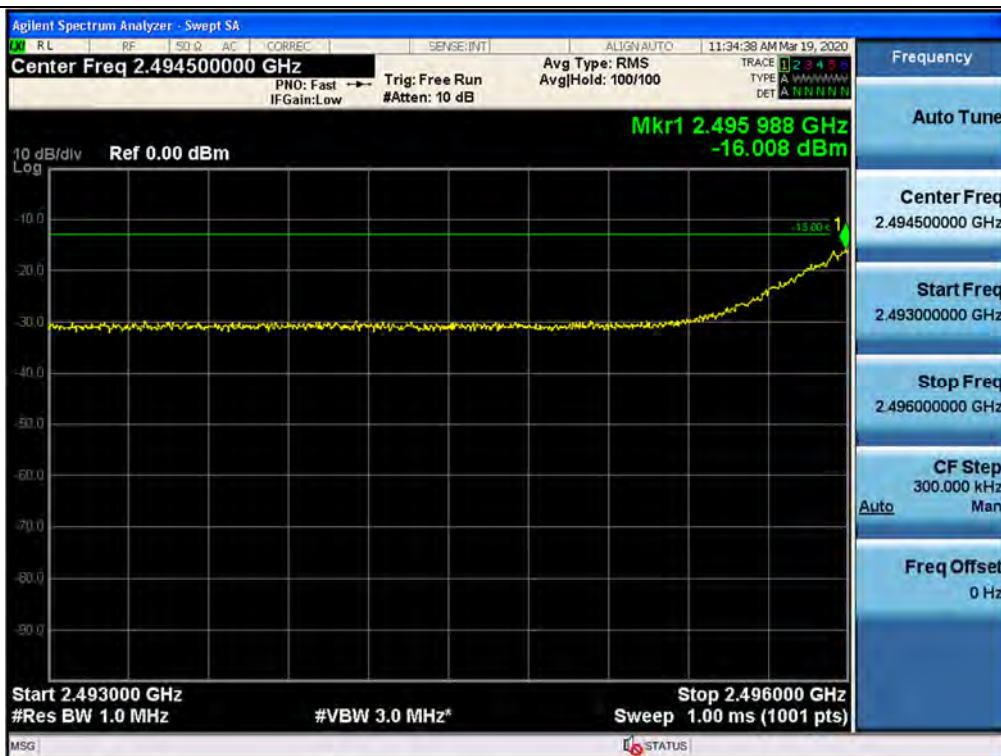
Out-of-band (single test signals) / BRS/EBS / Downlink / 5G NR 100M / Lower



+3 dB above Out-of-band (single test signals) / BRS/EBS / Downlink / 5G NR 100M / Upper



+3 dB above Out-of-band (single test signals) / BRS/EBS / Downlink / 5G NR 100M / Lower

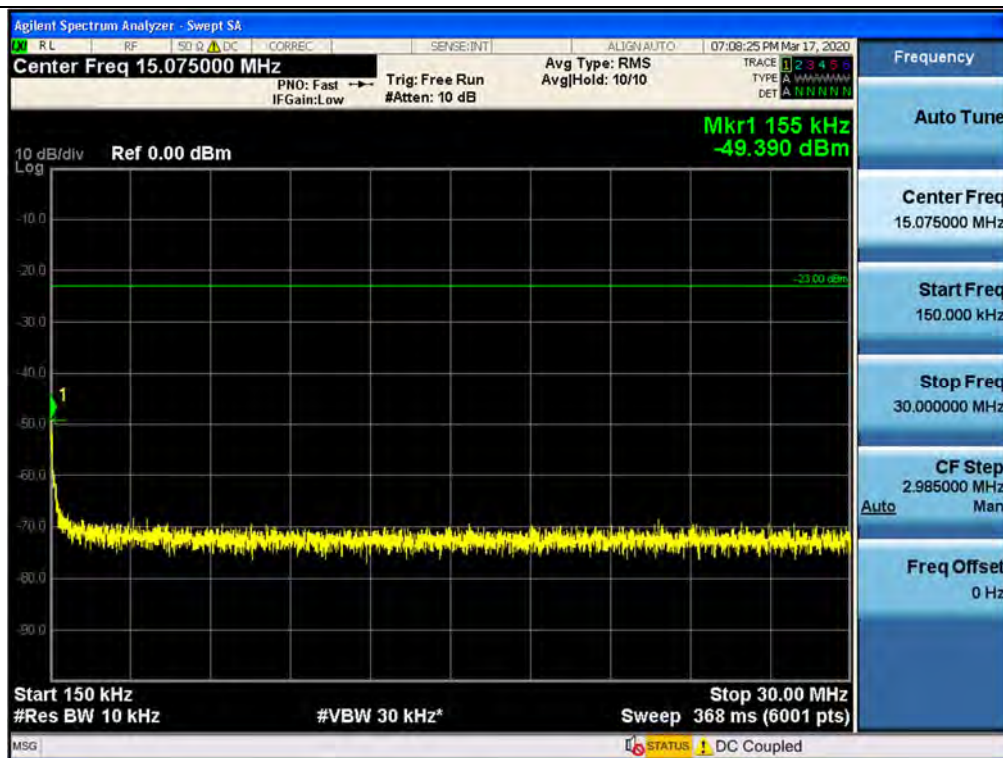


Plot data of Spurious Emissions

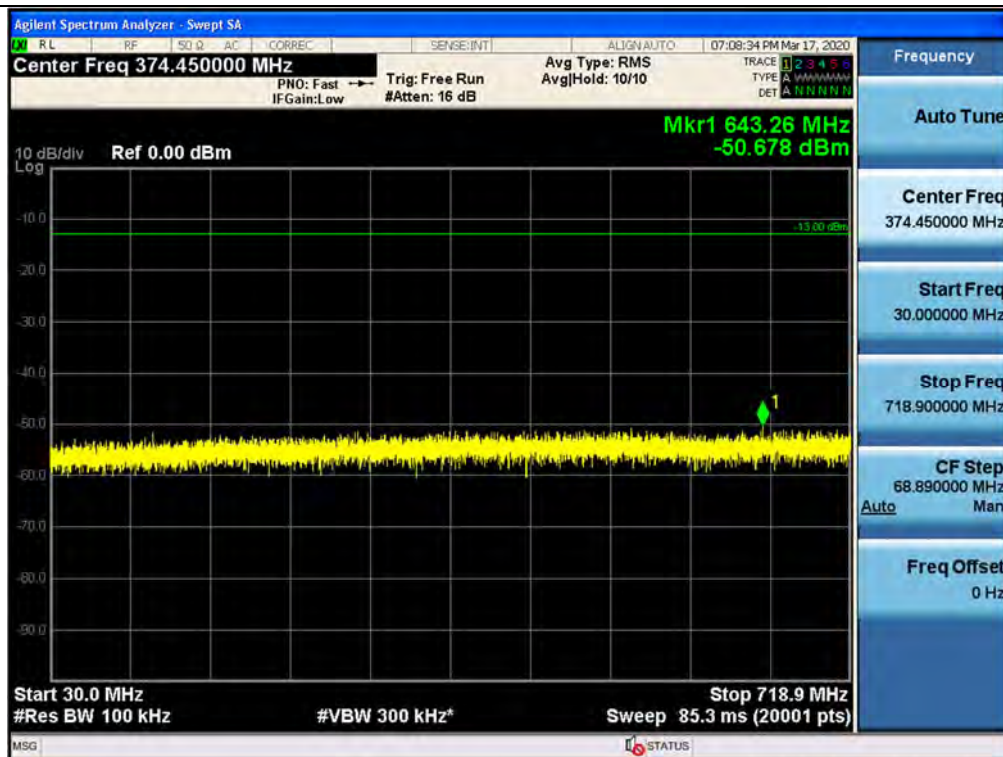
Spurious / Lower 700 MHz / Downlink / LTE 5 MHz / Low / 9 kHz ~ 150 kHz



Spurious / Lower 700 MHz / Downlink / LTE 5 MHz / Low / 150 kHz ~ 30 MHz



Spurious / Lower 700 MHz / Downlink / LTE 5 MHz / Low / 30 MHz ~ Low Edge - 1.1 MHz



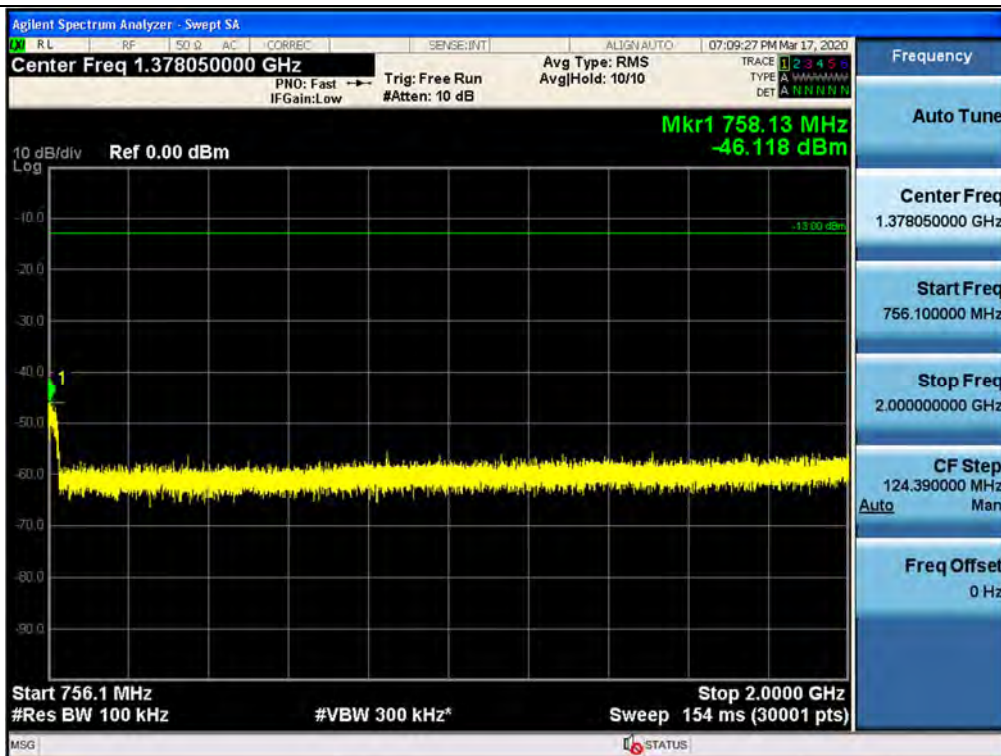
Spurious / Lower 700 MHz / Downlink / LTE 5 MHz / Low / Low Edge - 1.1 MHz ~ Low Edge - 100 kHz



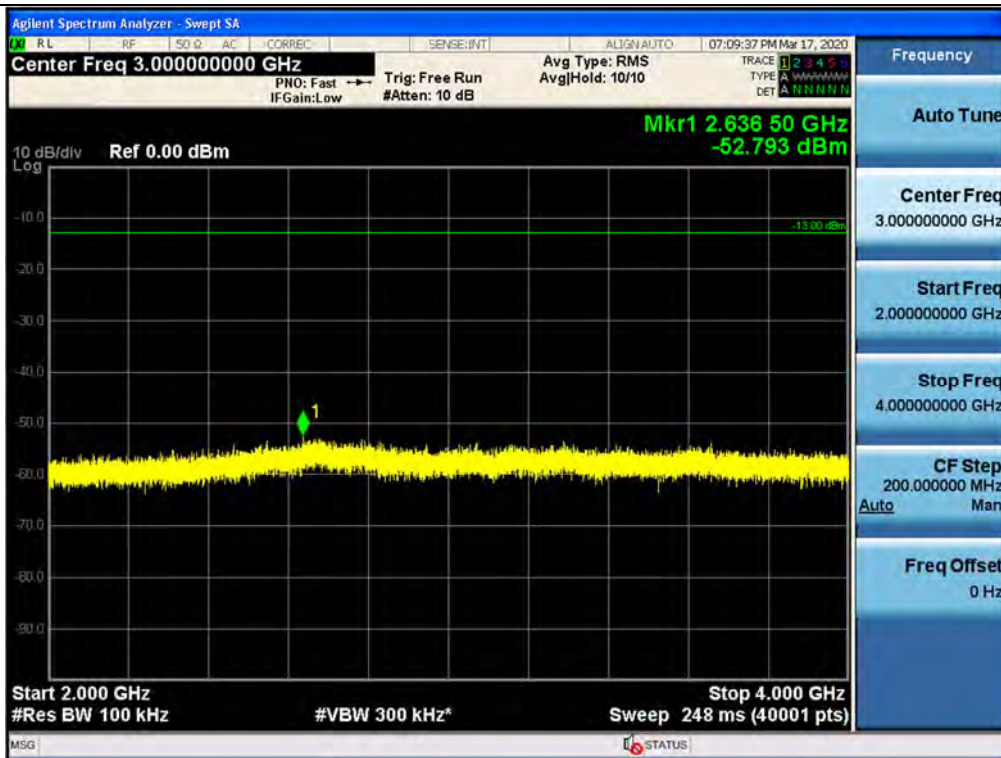
Spurious / Lower 700 MHz / Downlink / LTE 5 MHz / Low / High Edge + 100 kHz ~ High Edge + 1.1 MHz



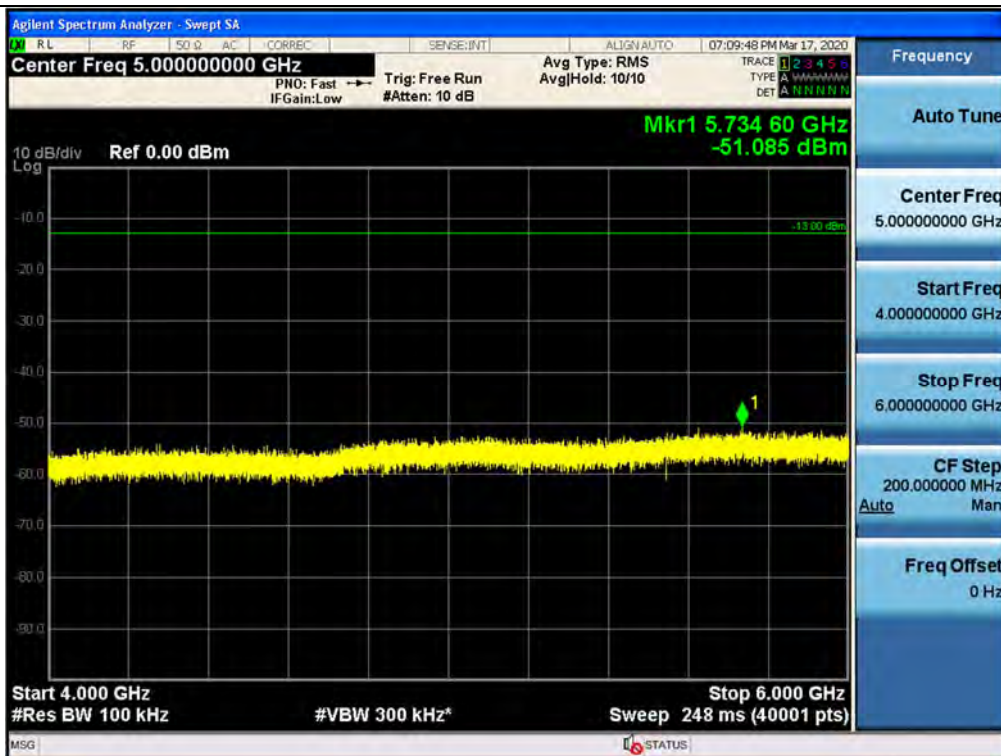
Spurious / Lower 700 MHz / Downlink / LTE 5 MHz / Low / High Edge + 1.1 MHz ~ 2 GHz



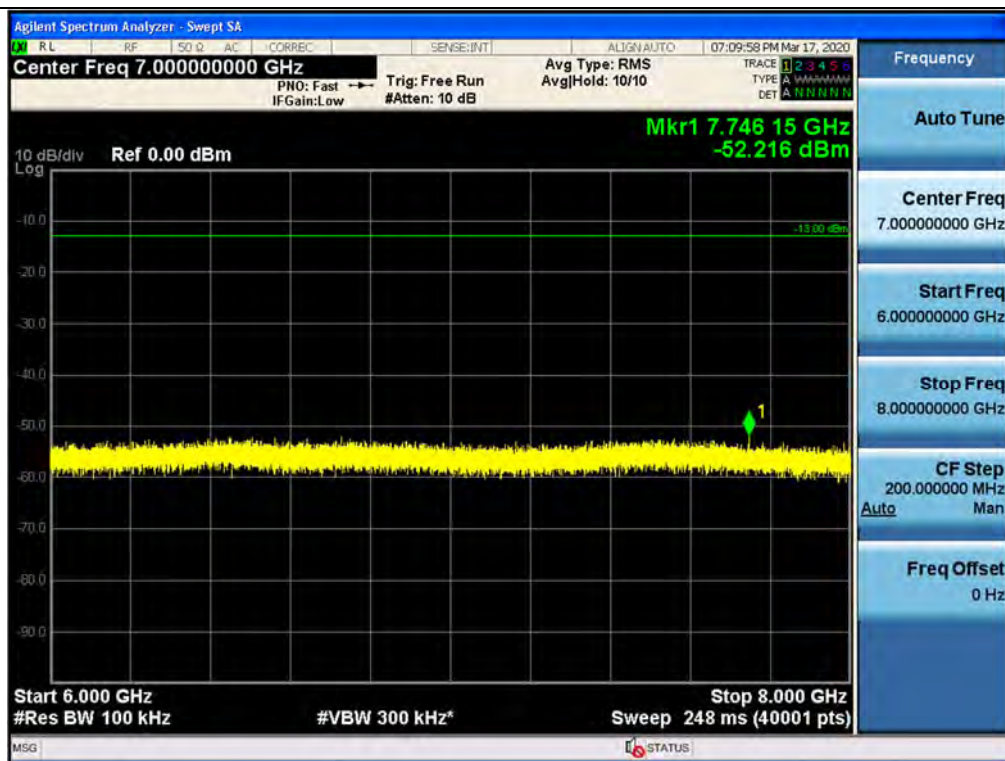
Spurious / Lower 700 MHz / Downlink / LTE 5 MHz / Low / 2 GHz ~ 4 GHz



Spurious / Lower 700 MHz / Downlink / LTE 5 MHz / Low / 4 GHz ~ 6 GHz



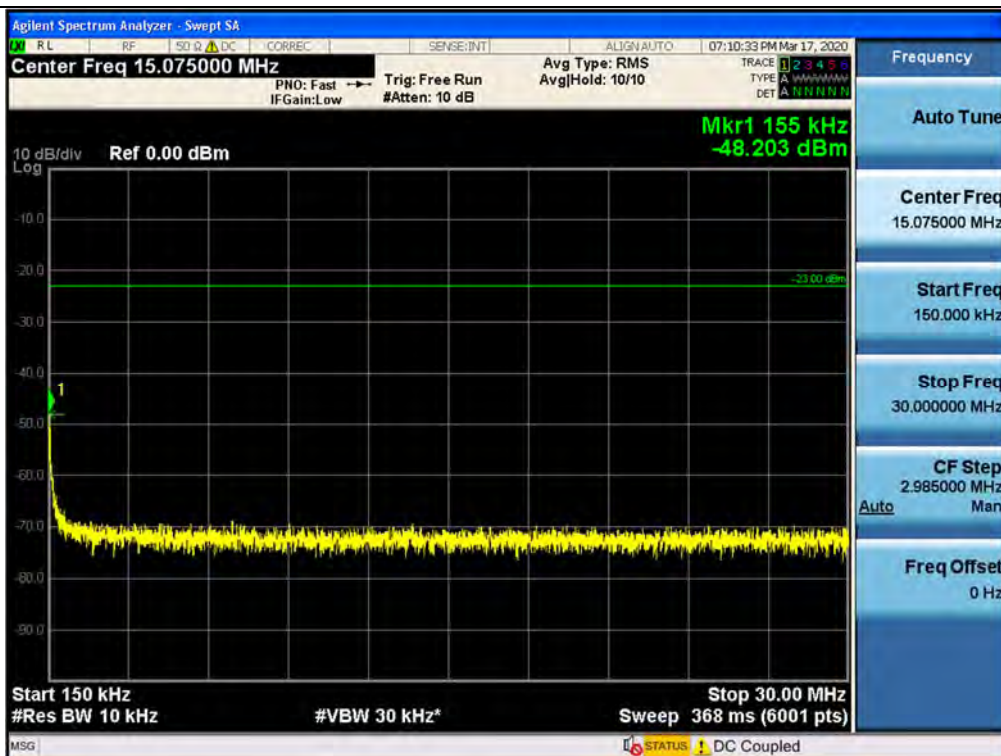
Spurious / Lower 700 MHz / Downlink / LTE 5 MHz / Low / 6 GHz ~ 8 GHz



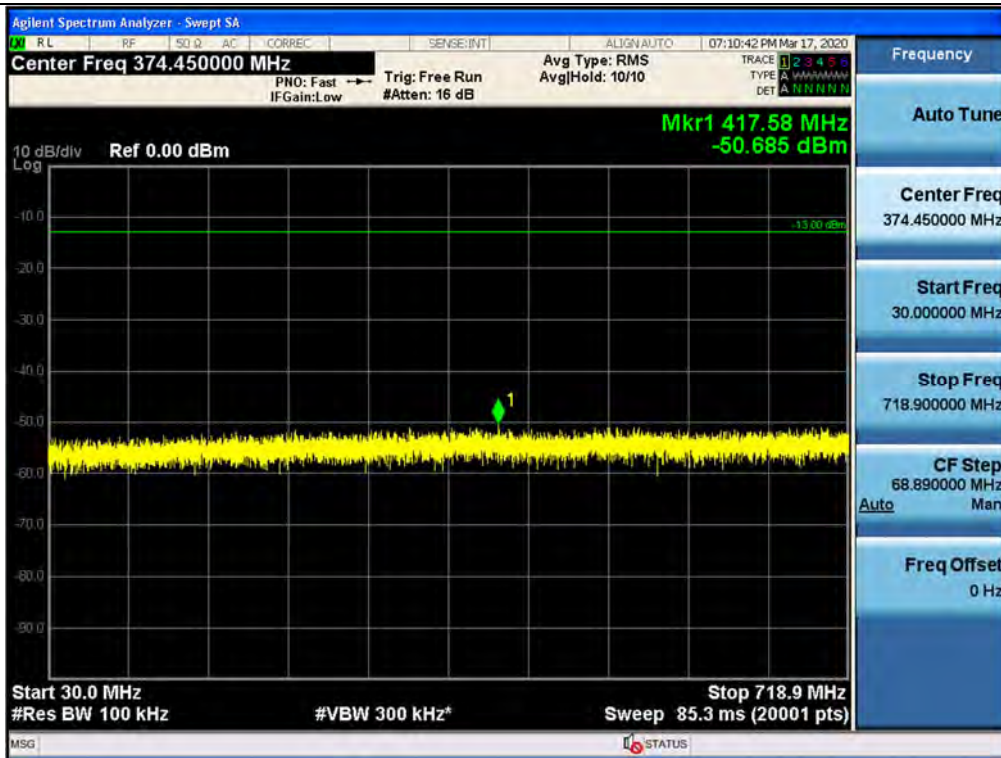
Spurious / Lower 700 MHz / Downlink / LTE 5 MHz / Middle / 9 kHz ~ 150 kHz



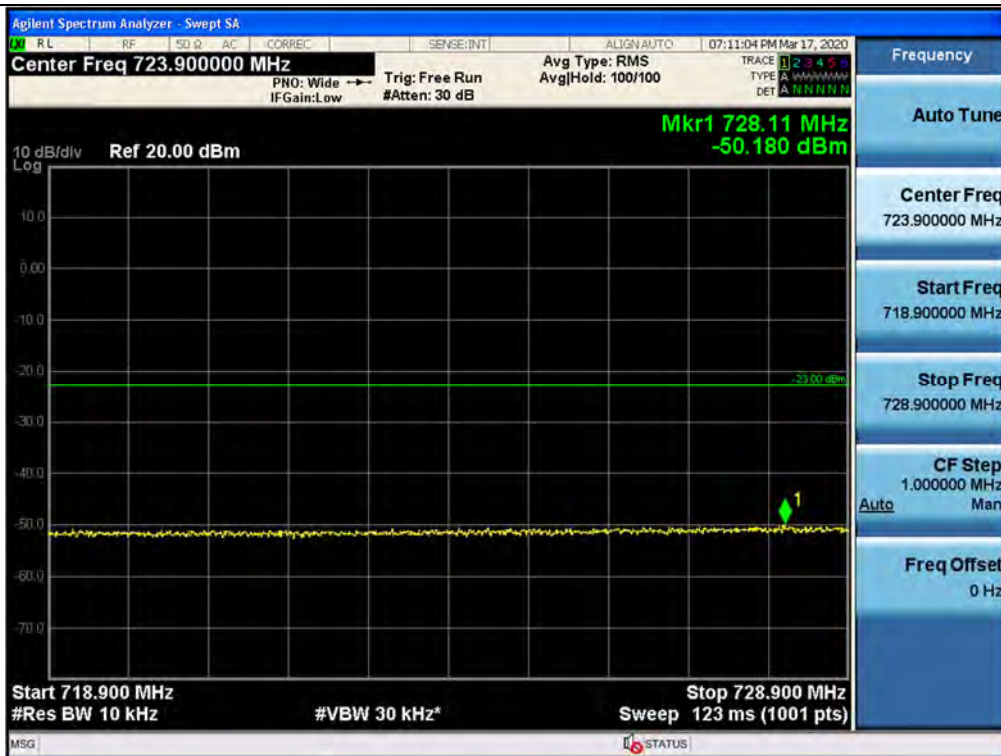
Spurious / Lower 700 MHz / Downlink / LTE 5 MHz / Middle / 150 kHz ~ 30 MHz



Spurious / Lower 700 MHz / Downlink / LTE 5 MHz / Middle / 30 MHz ~ Low Edge - 1.1 MHz



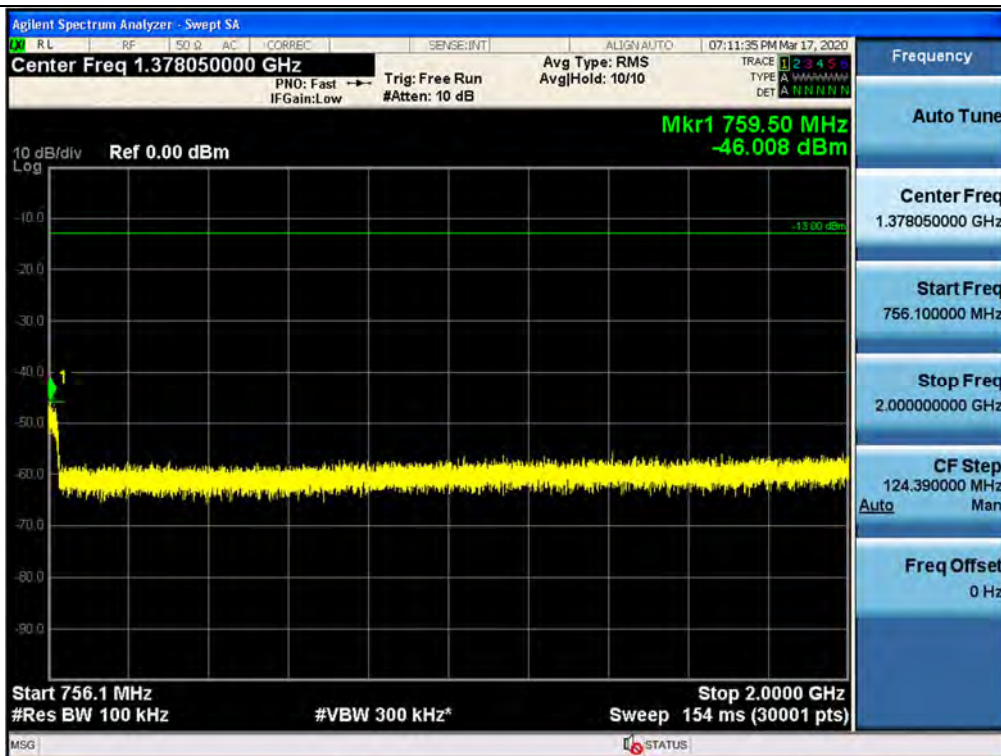
Spurious / Lower 700 MHz / Downlink / LTE 5 MHz / Middle / Low Edge - 1.1 MHz ~ Low Edge - 100 kHz



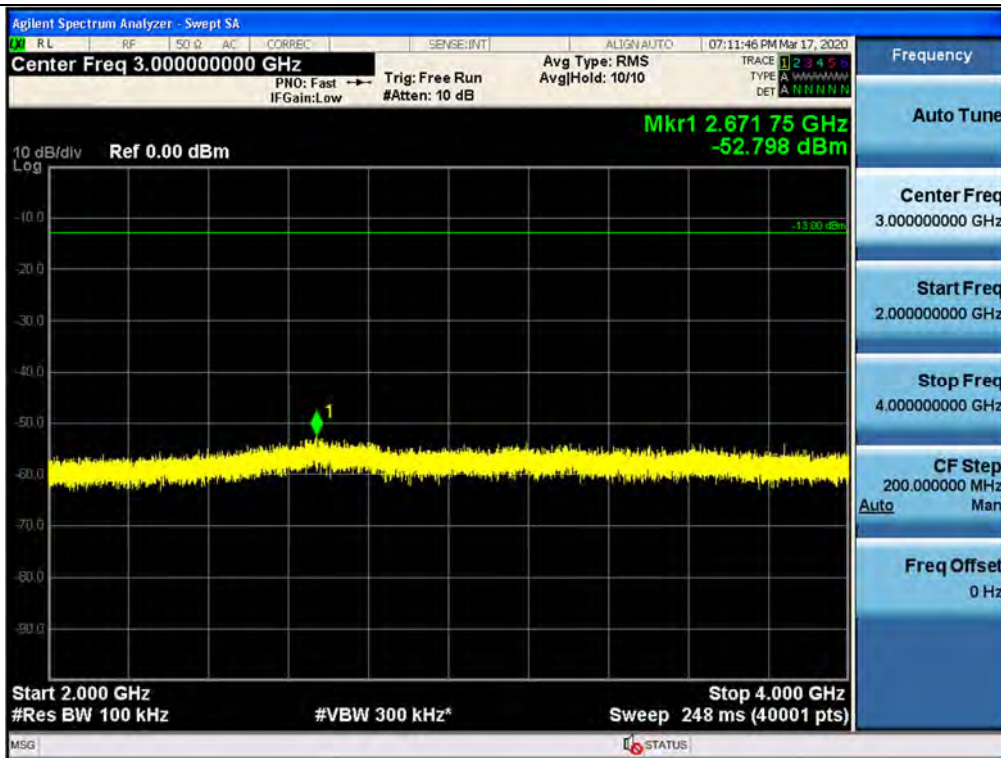
Spurious / Lower 700 MHz / Downlink / LTE 5 MHz / Middle / High Edge + 100 kHz ~ High Edge + 1.1 MHz



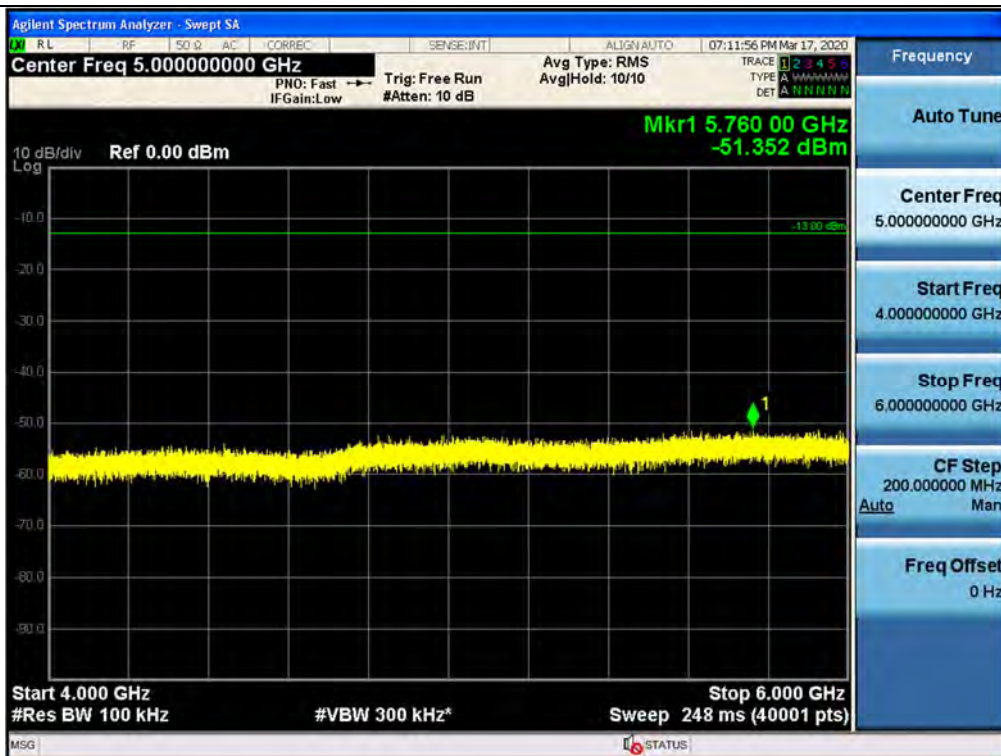
Spurious / Lower 700 MHz / Downlink / LTE 5 MHz / Middle / High Edge + 1.1 MHz ~ 2 GHz



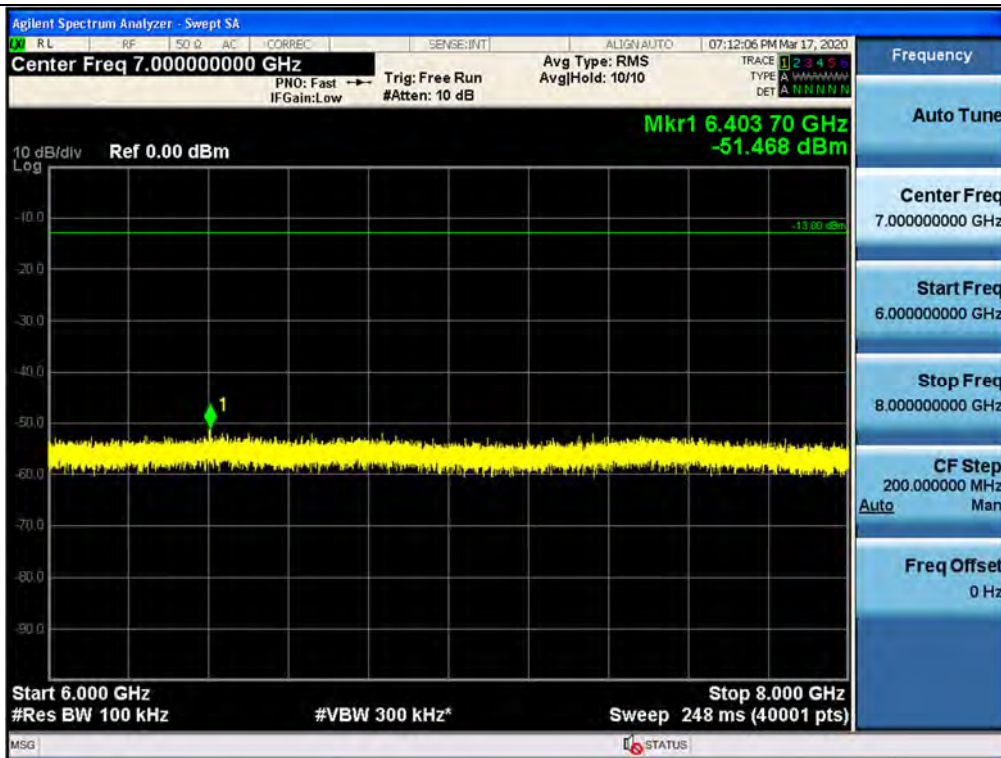
Spurious / Lower 700 MHz / Downlink / LTE 5 MHz / Middle / 2 GHz ~ 4 GHz



Spurious / Lower 700 MHz / Downlink / LTE 5 MHz / Middle / 4 GHz ~ 6 GHz



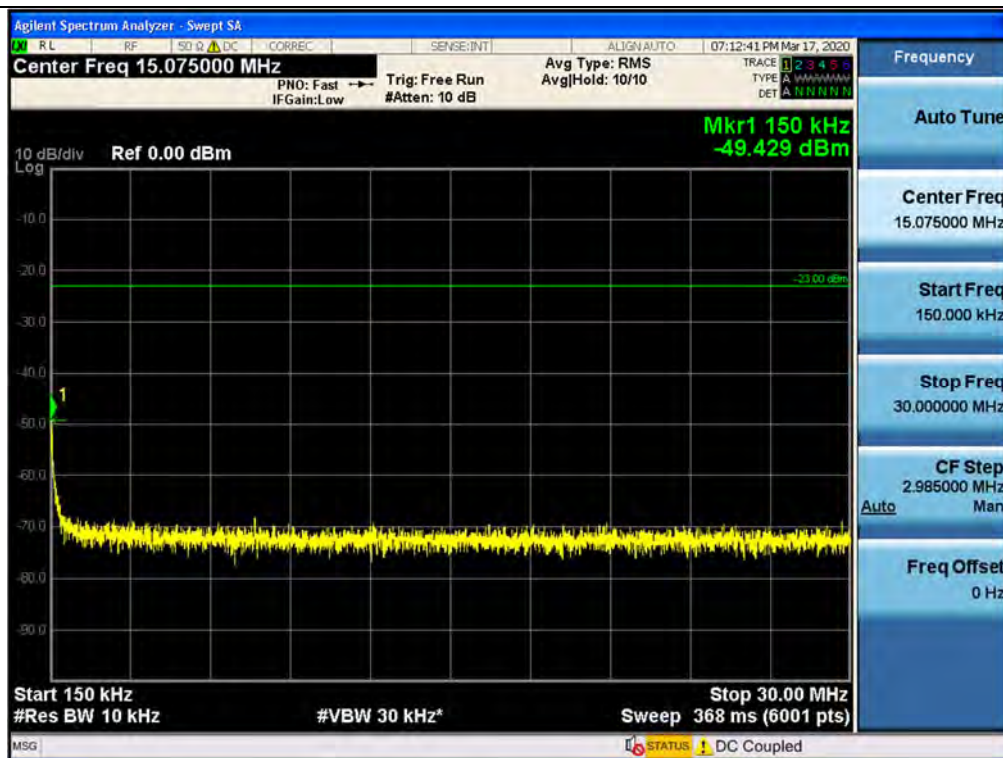
Spurious / Lower 700 MHz / Downlink / LTE 5 MHz / Middle / 6 GHz ~ 8 GHz



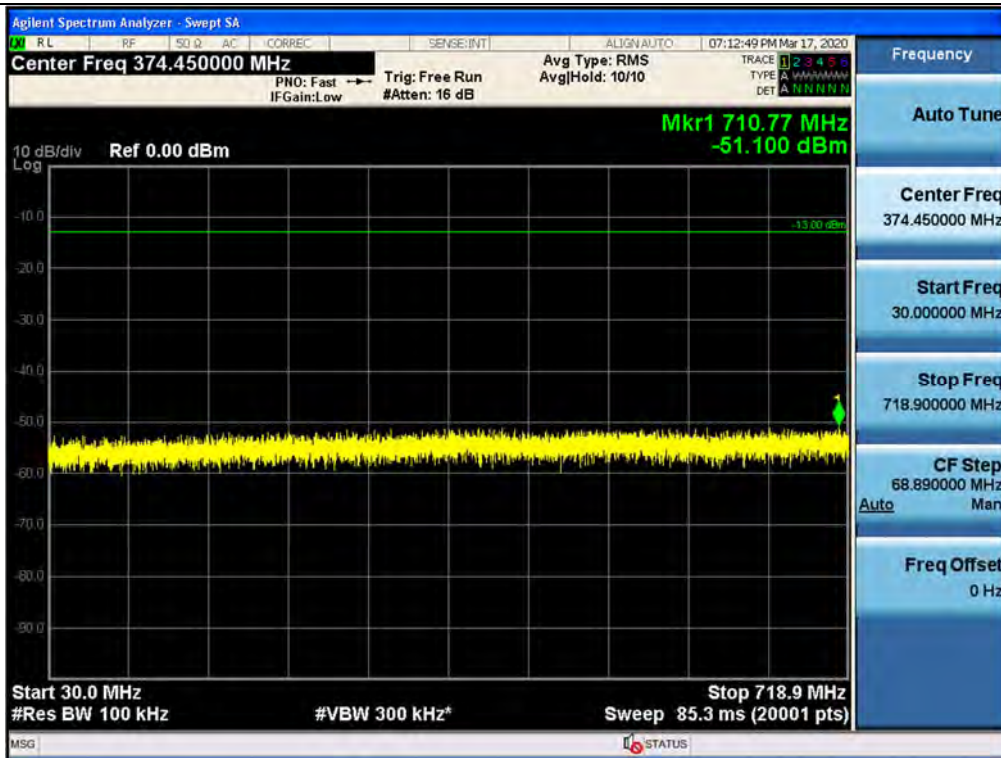
Spurious / Lower 700 MHz / Downlink / LTE 5 MHz / High / 9 kHz ~ 150 kHz



Spurious / Lower 700 MHz / Downlink / LTE 5 MHz / High / 150 kHz ~ 30 MHz



Spurious / Lower 700 MHz / Downlink / LTE 5 MHz / High / 30 MHz ~ Low Edge - 1.1 MHz



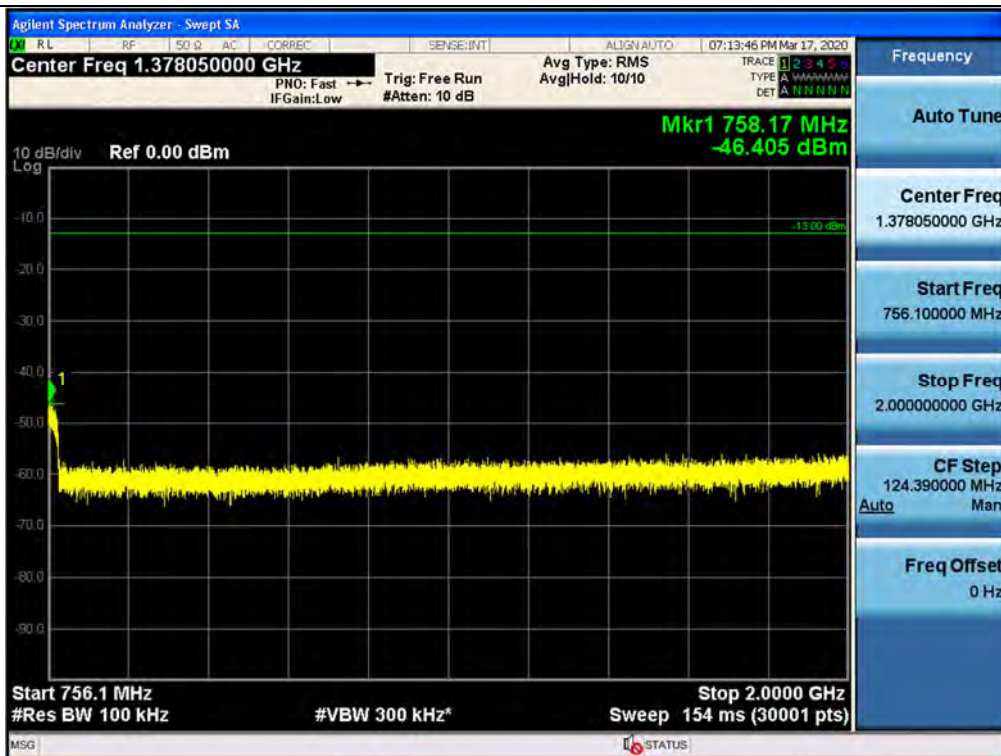
Spurious / Lower 700 MHz / Downlink / LTE 5 MHz / High / Low Edge - 1.1 MHz ~ Low Edge - 100 kHz



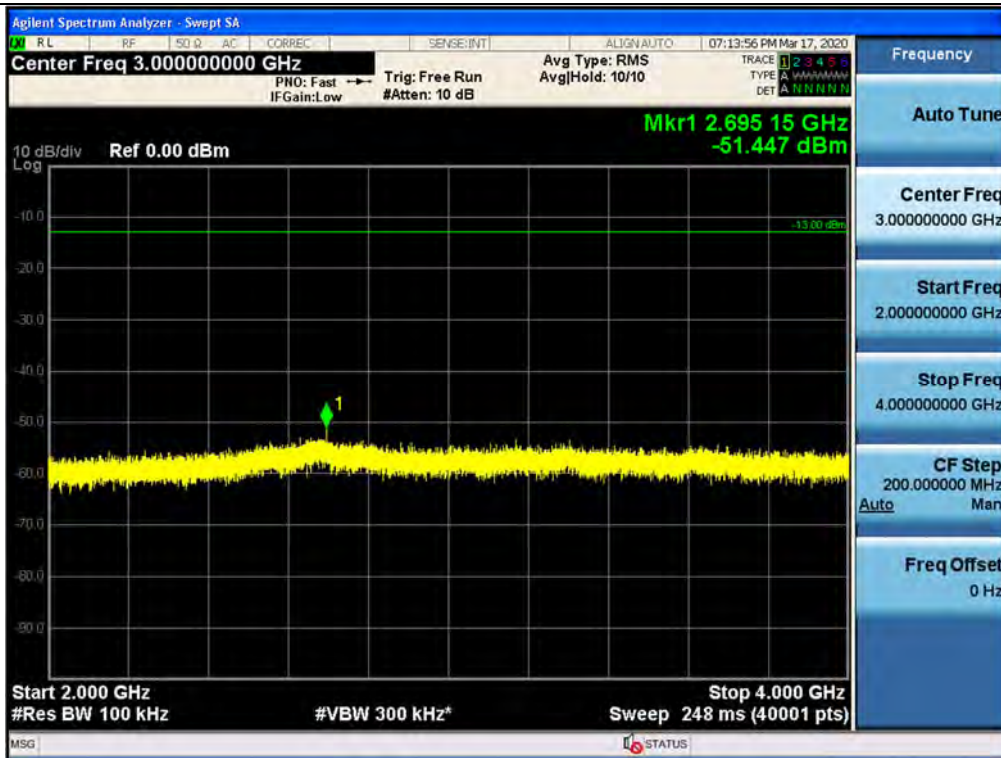
Spurious / Lower 700 MHz / Downlink / LTE 5 MHz / High / High Edge + 100 kHz ~ High Edge + 1.1 MHz



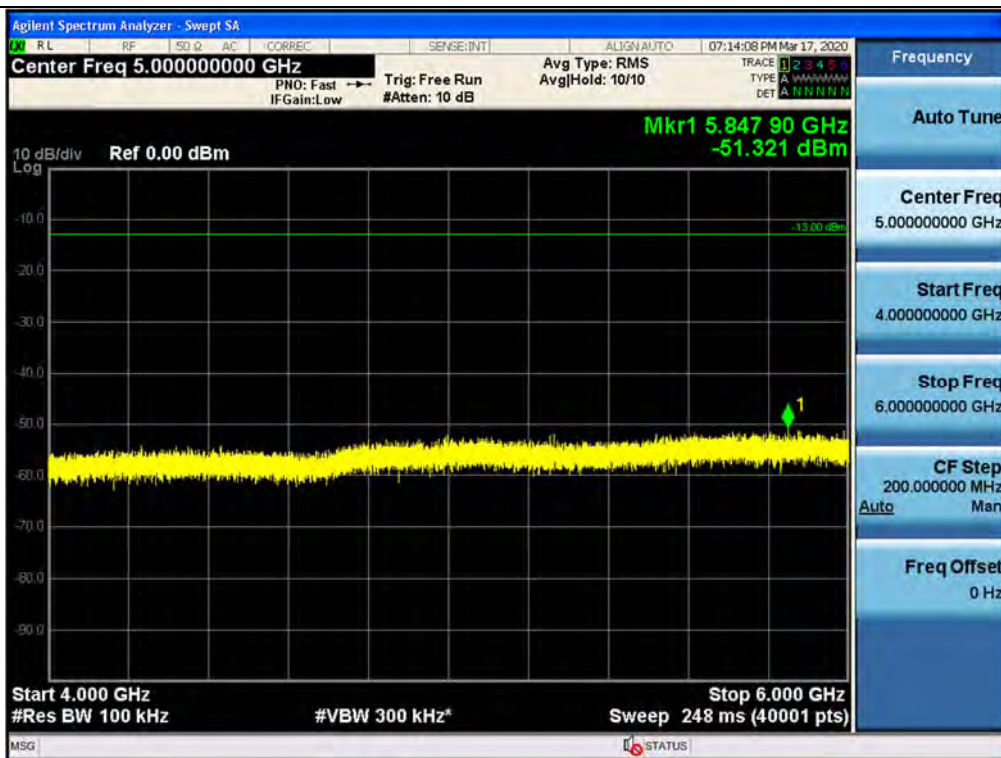
Spurious / Lower 700 MHz / Downlink / LTE 5 MHz / High / High Edge + 1.1 MHz ~ 2 GHz



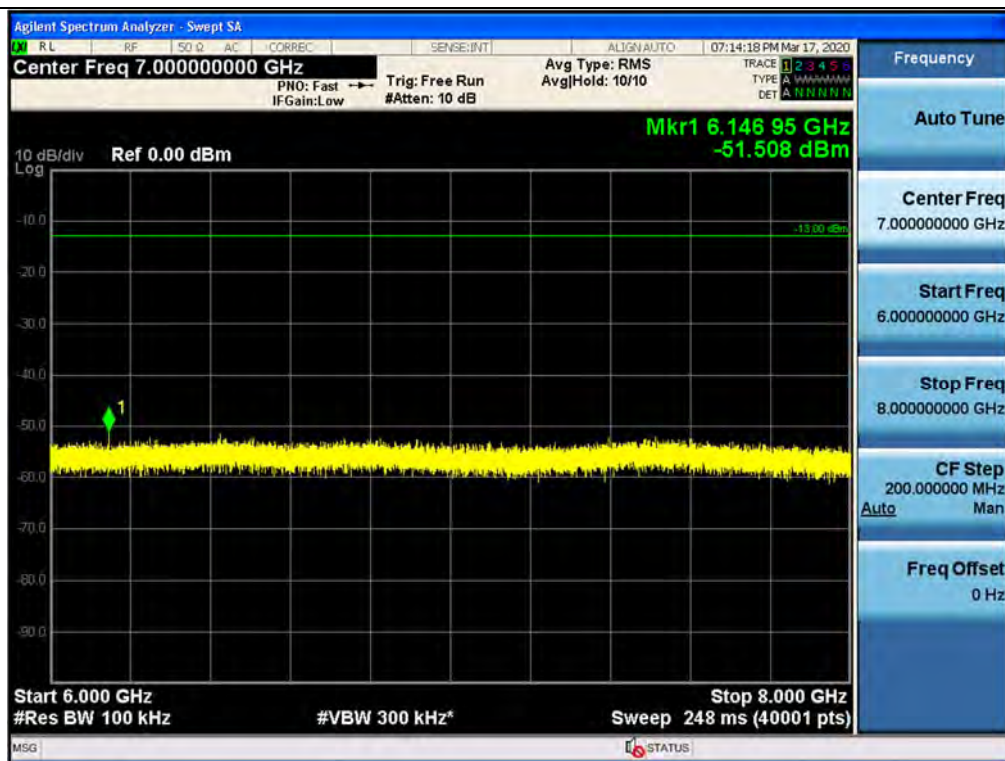
Spurious / Lower 700 MHz / Downlink / LTE 5 MHz / High / 2 GHz ~ 4 GHz



Spurious / Lower 700 MHz / Downlink / LTE 5 MHz / High / 4 GHz ~ 6 GHz



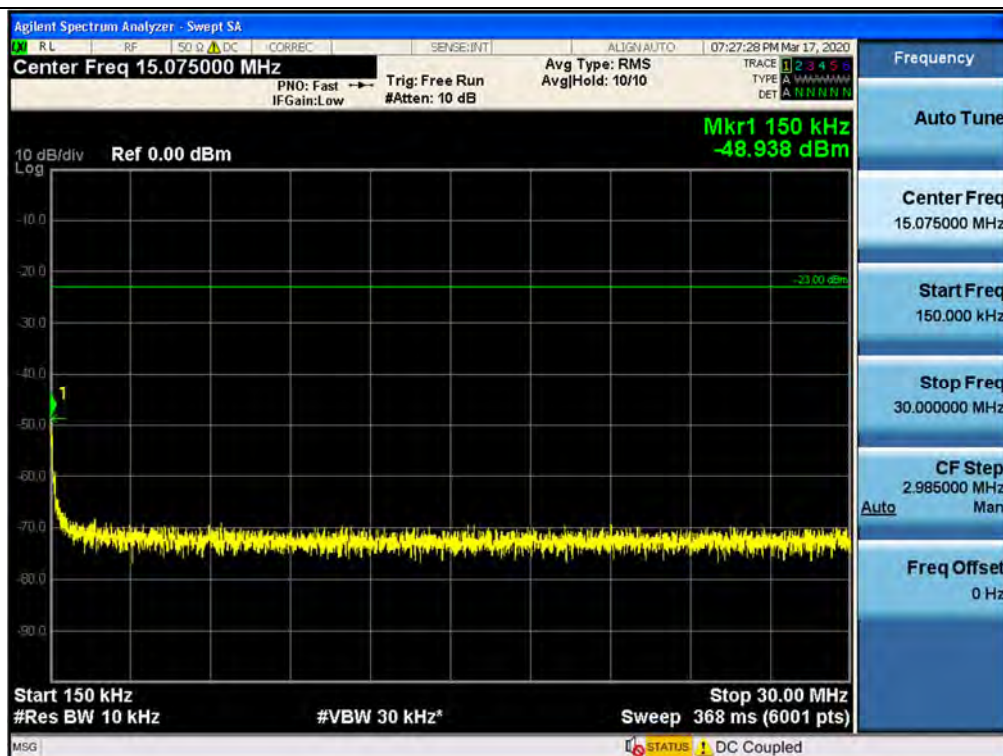
Spurious / Lower 700 MHz / Downlink / LTE 5 MHz / High / 6 GHz ~ 8 GHz



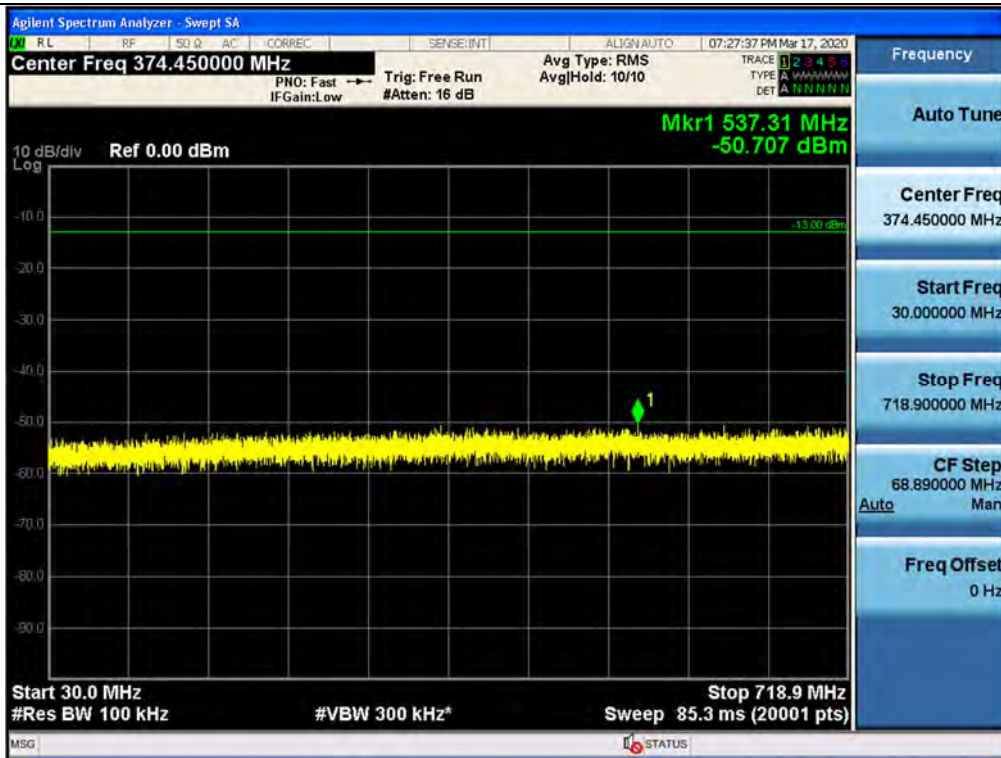
Spurious / Lower 700 MHz / Downlink / LTE 10 MHz / Low / 9 kHz ~ 150 kHz



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



Spurious / Lower 700 MHz / Downlink / LTE 10 MHz / Low / 30 MHz ~ Low Edge - 1.1 MHz



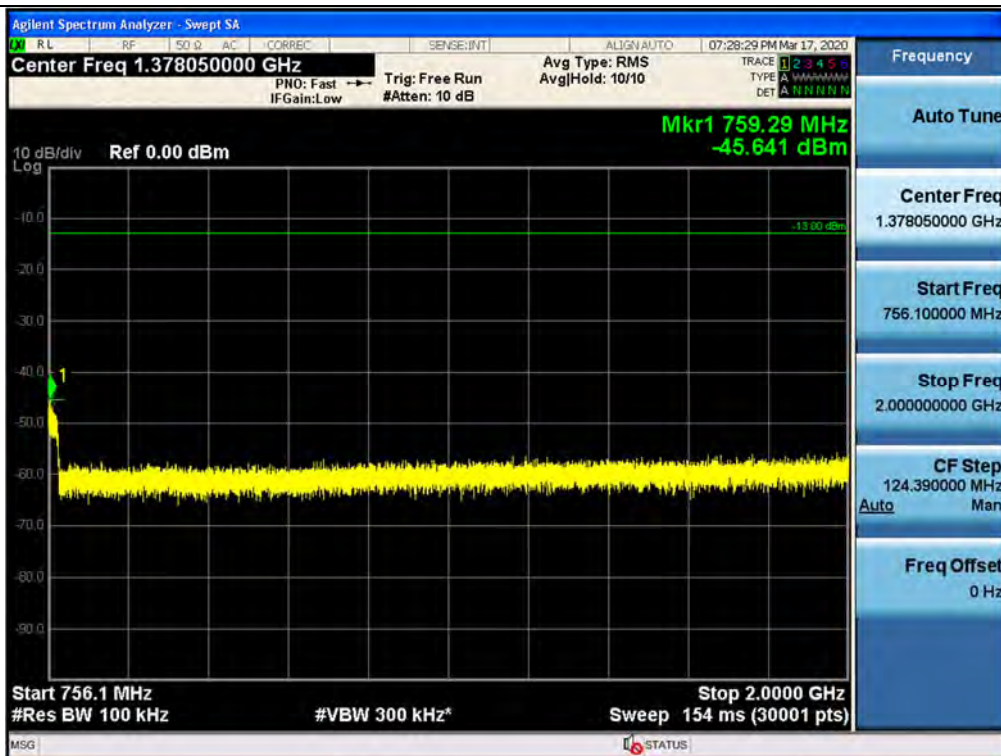
Spurious / Lower 700 MHz / Downlink / LTE 10 MHz / Low / Low Edge - 1.1 MHz ~ Low Edge - 100 kHz



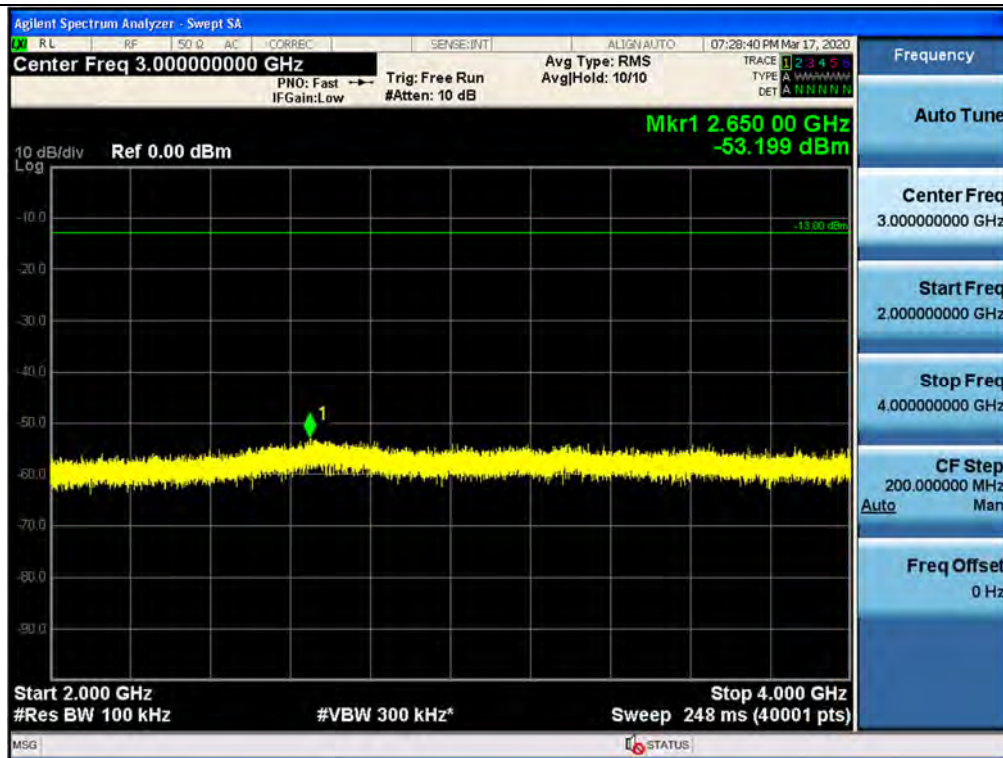
Spurious / Lower 700 MHz / Downlink / LTE 10 MHz / Low / High Edge + 100 kHz ~ High Edge + 1.1 MHz



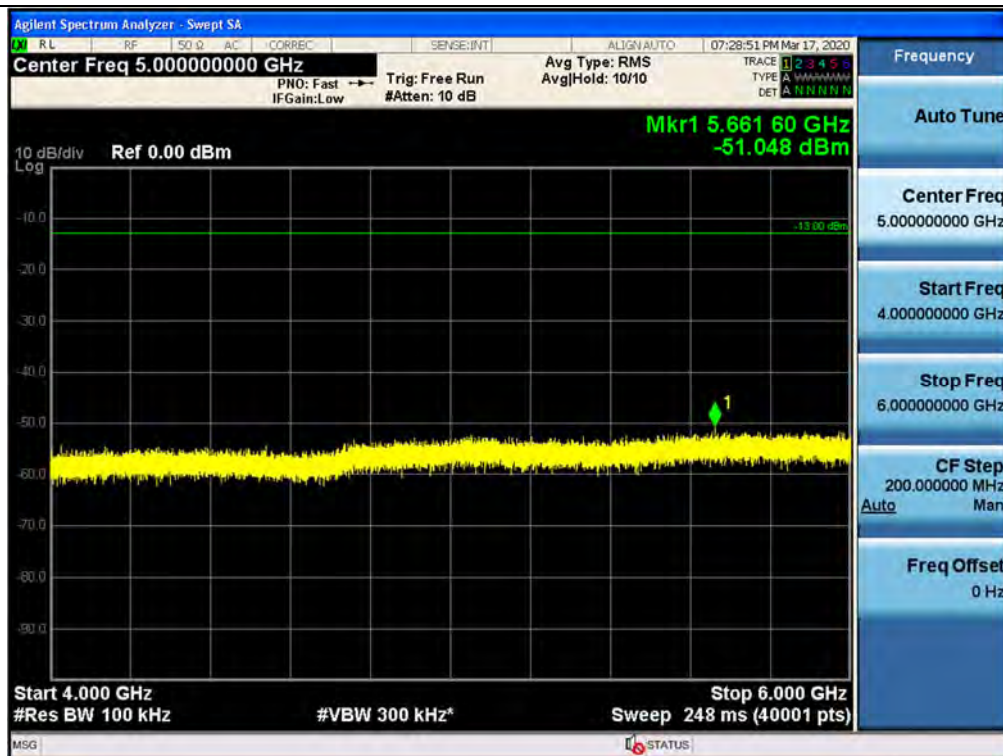
Spurious / Lower 700 MHz / Downlink / LTE 10 MHz / Low / High Edge + 1.1 MHz ~ 2 GHz



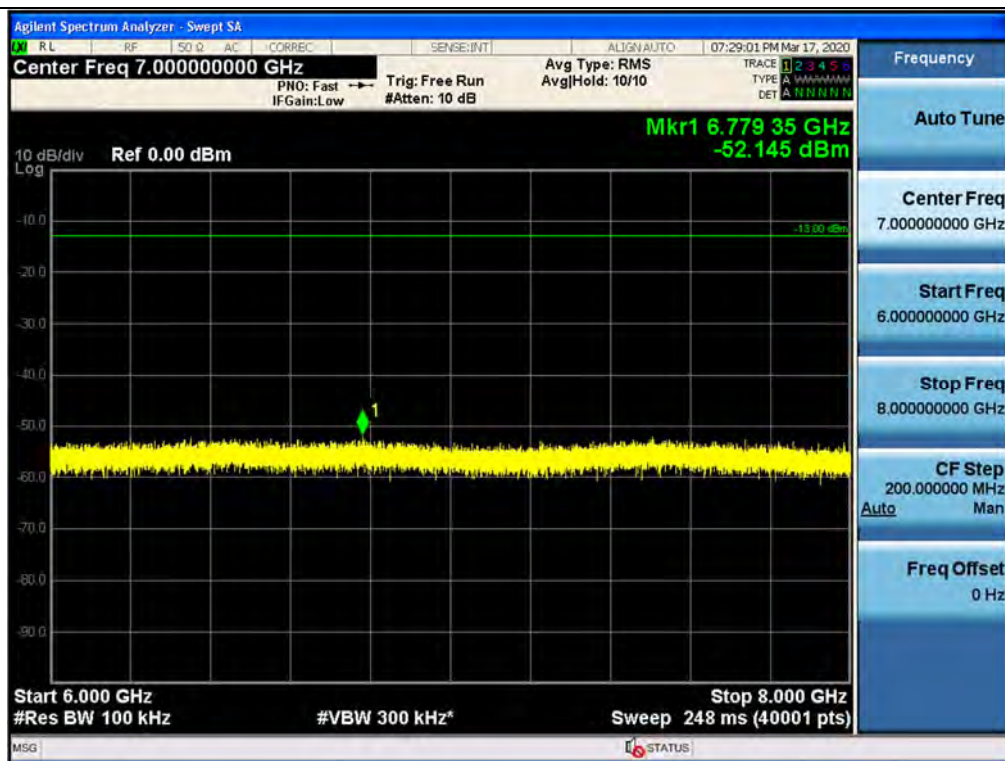
Spurious / Lower 700 MHz / Downlink / LTE 10 MHz / Low / 2 GHz ~ 4 GHz



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



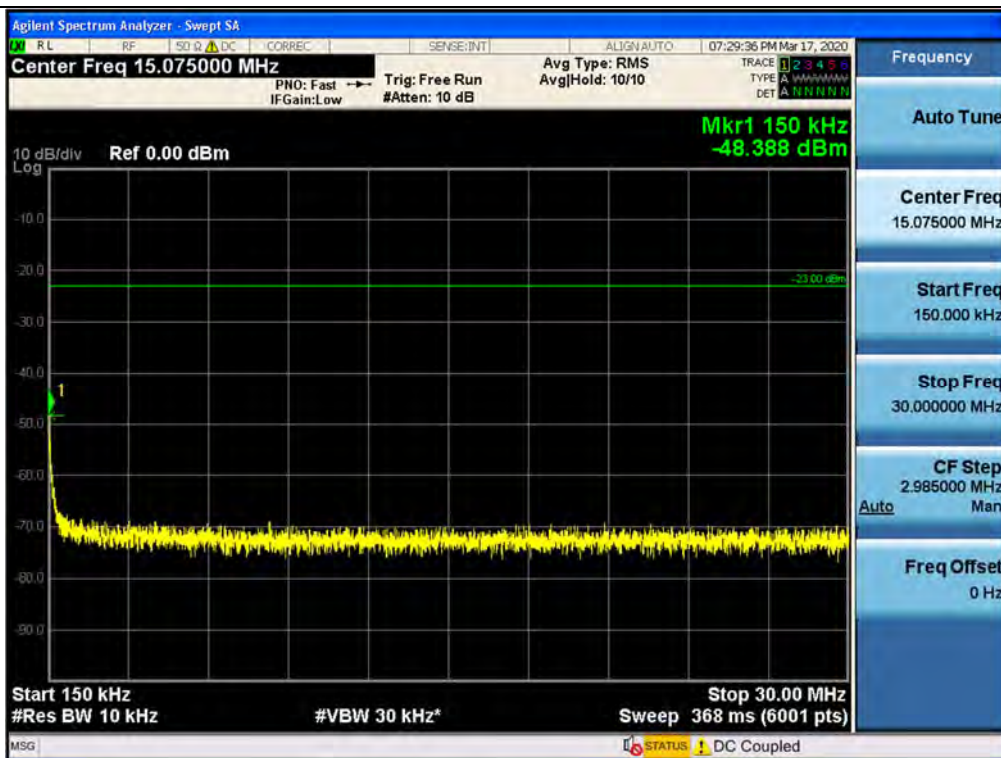
Spurious / Lower 700 MHz / Downlink / LTE 10 MHz / Low / 6 GHz ~ 8 GHz



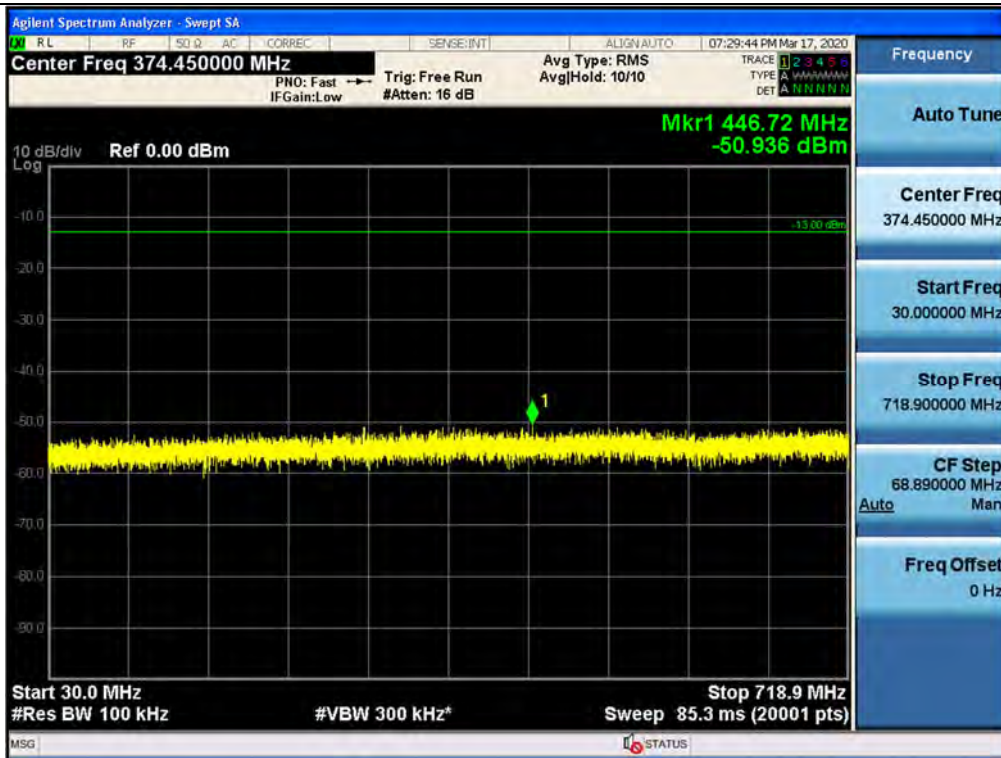
Spurious / Lower 700 MHz / Downlink / LTE 10 MHz / Middle / 9 kHz ~ 150 kHz



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



Spurious / Lower 700 MHz / Downlink / LTE 10 MHz / Middle / 30 MHz ~ Low Edge - 1.1 MHz



Spurious / Lower 700 MHz / Downlink / LTE 10 MHz / Middle / Low Edge - 1.1 MHz ~ Low Edge - 100 kHz



Spurious / Lower 700 MHz / Downlink / LTE 10 MHz / Middle / High Edge + 100 kHz ~ High Edge + 1.1 MHz



Spurious / Lower 700 MHz / Downlink / LTE 10 MHz / Middle / High Edge + 1.1 MHz ~ 2 GHz

