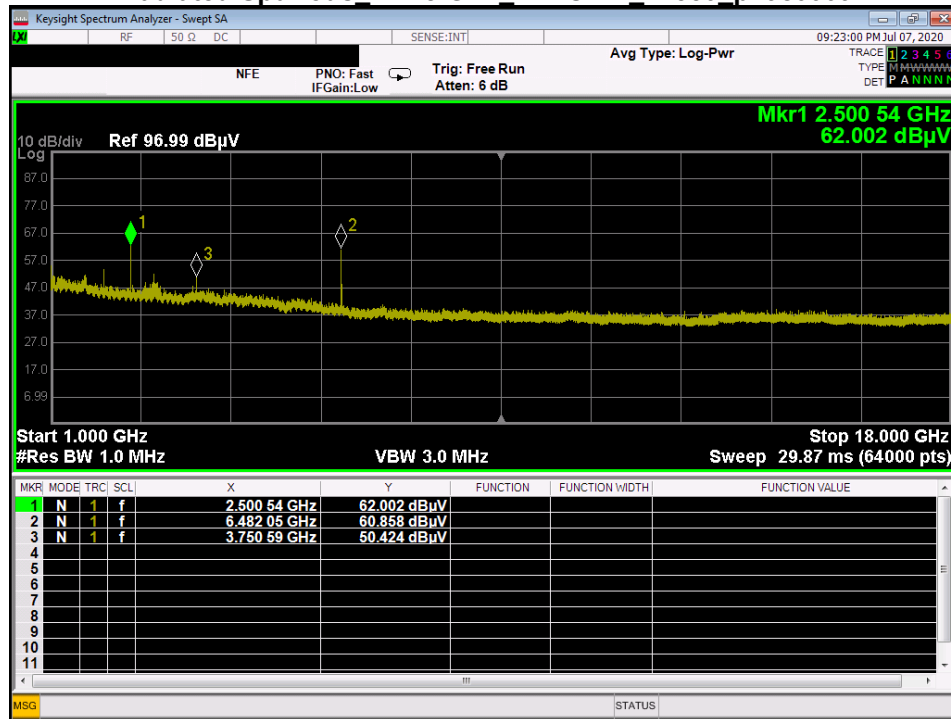




Annex F

Radiated Spurious Emission

Radiated Spurious_1 - 18 GHz_MIMO DL_27550_p19c0009

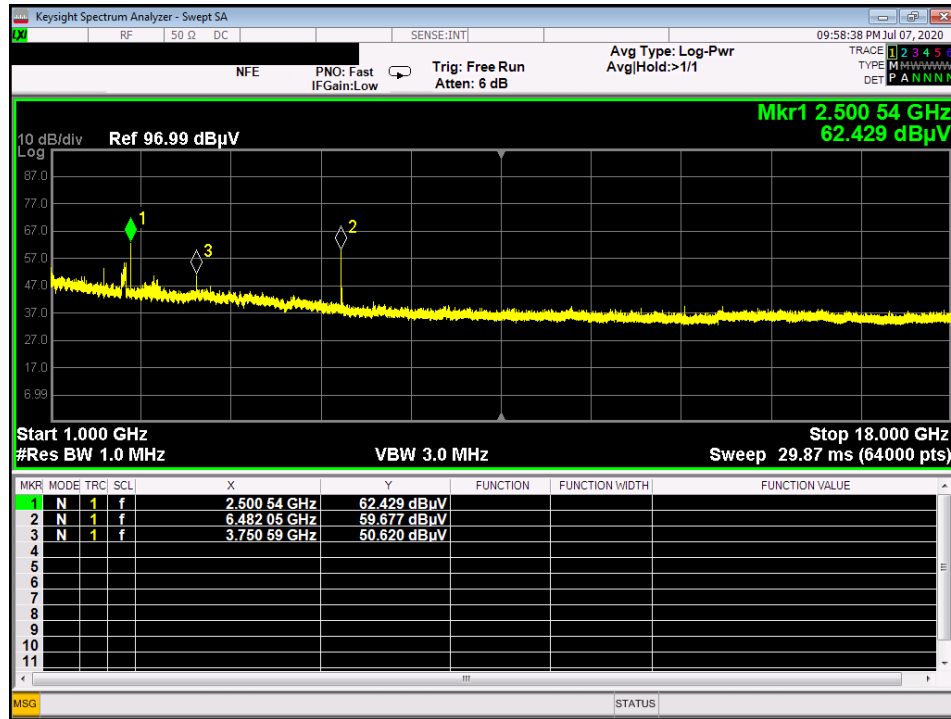


Radiated Spurious_1 - 18 GHz_MIMO DL_27925_p19c0009





Radiated Spurious_1 - 18 GHz_MIMO DL_28300_p19c0009



Radiated Spurious_1 - 18 GHz_MIMO UL_27550_p19c0009

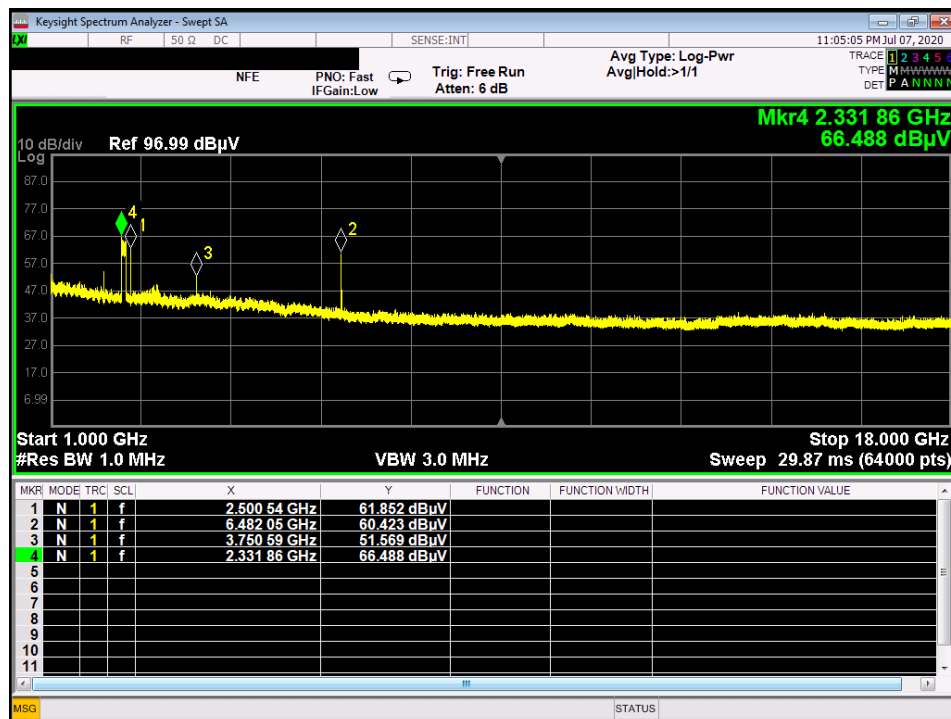




Radiated Spurious_1 - 18 GHz_MIMO UL_27925_p19c0009



Radiated Spurious_1 - 18 GHz_MIMO UL_28300_p19c0009





Radiated Spurious_1 - 18 GHz_SISO DL_27550_p19c0009

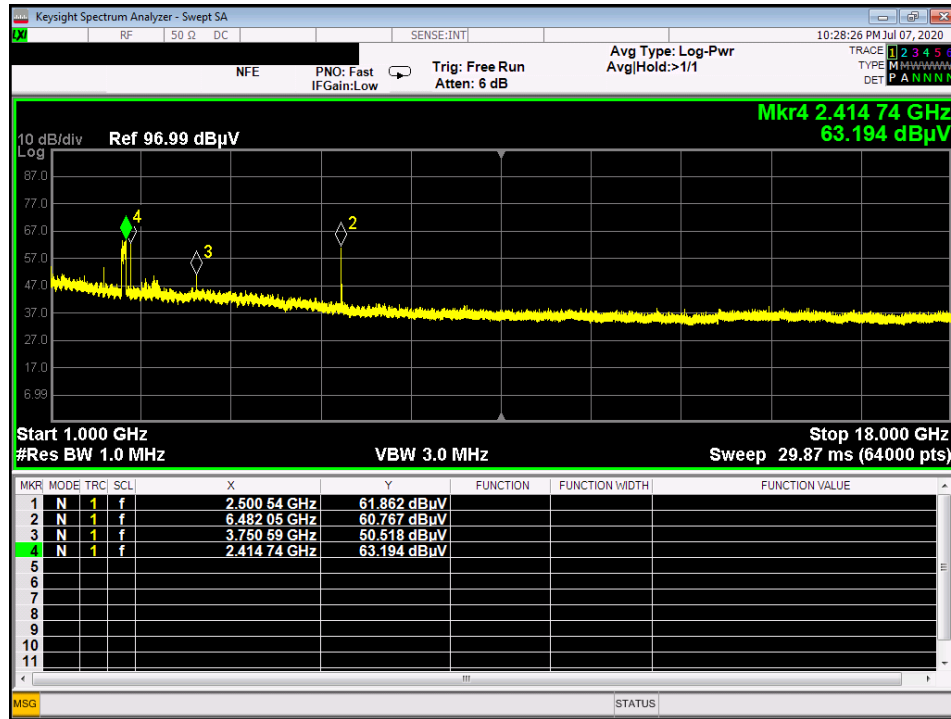


Radiated Spurious_1 - 18 GHz_SISO DL_27925_p19c0009

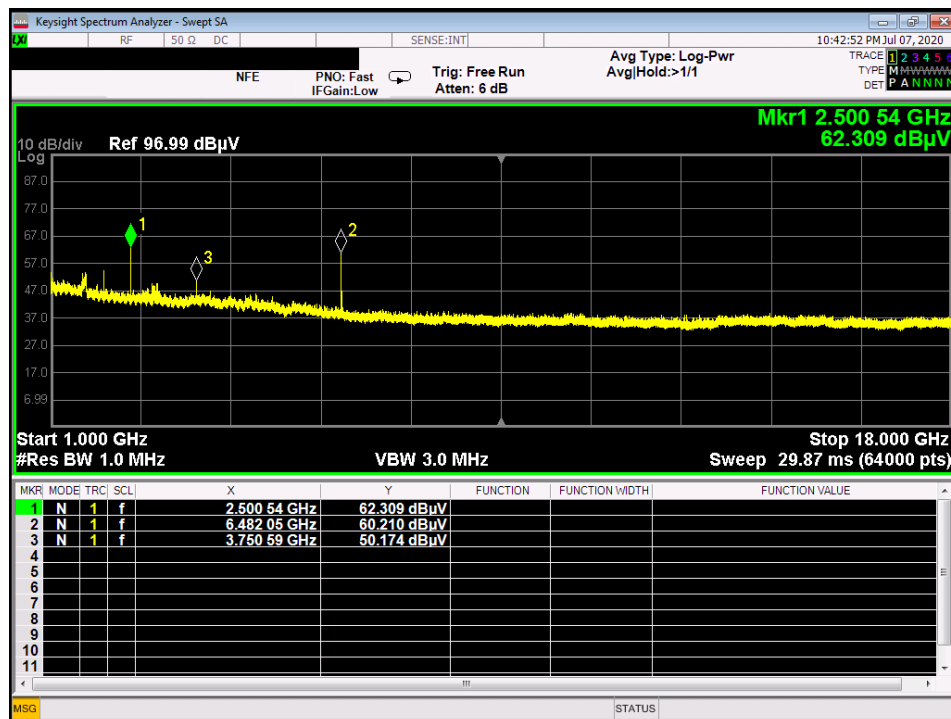




Radiated Spurious_1 - 18 GHz_SISO DL_28300_p19c0009



Radiated Spurious_1 - 18 GHz_SISO UL_27550_p19c0009





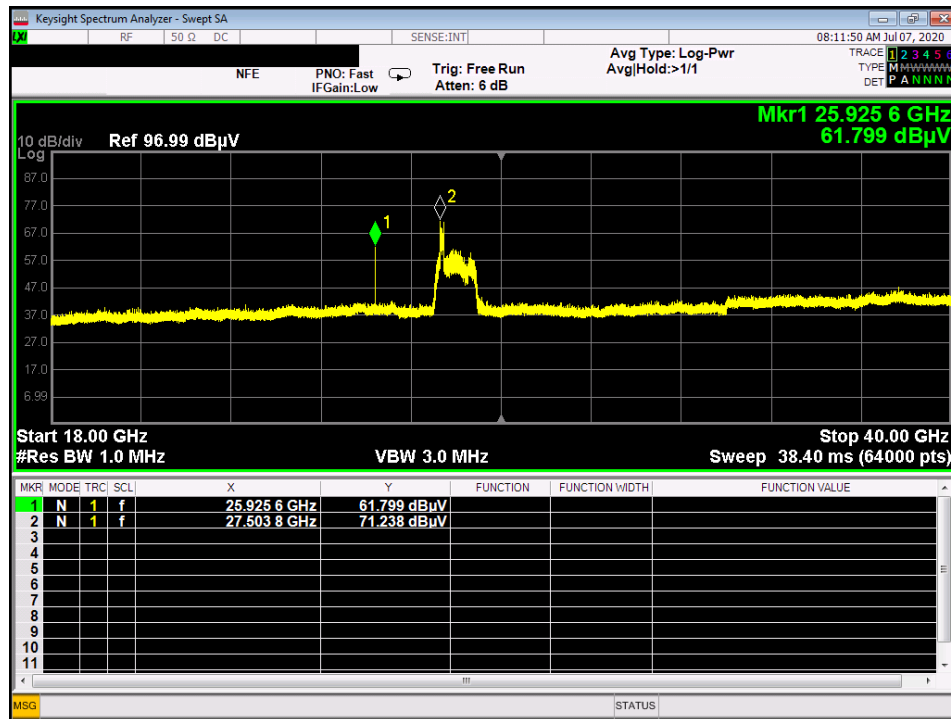
Radiated Spurious_1 - 18 GHz_SISO UL_27925_p19c0009



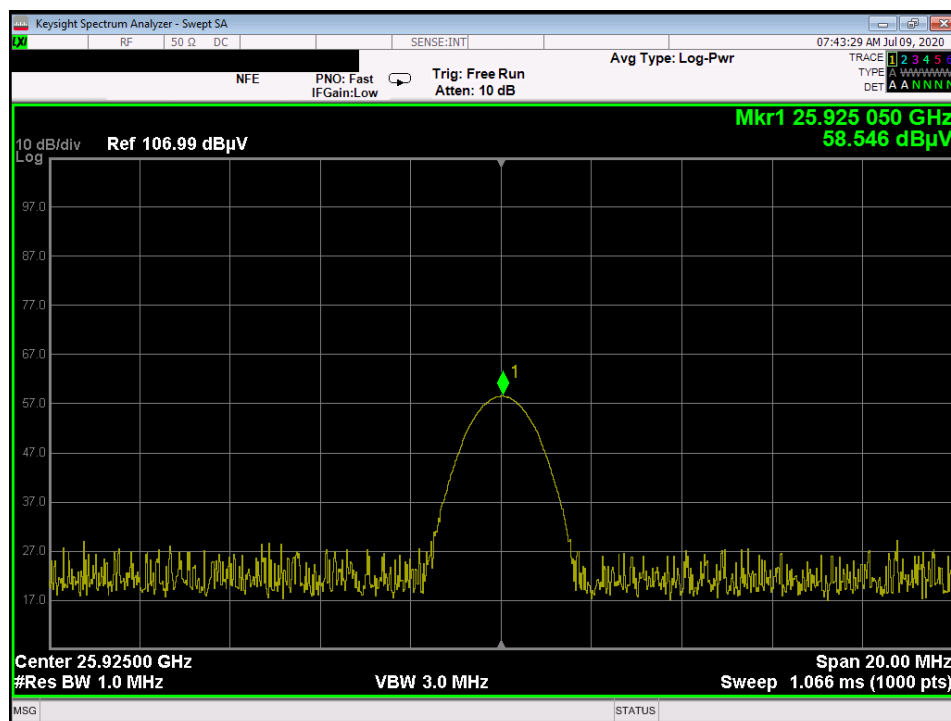
Radiated Spurious_1 - 18 GHz_SISO UL_28300_p19c0009



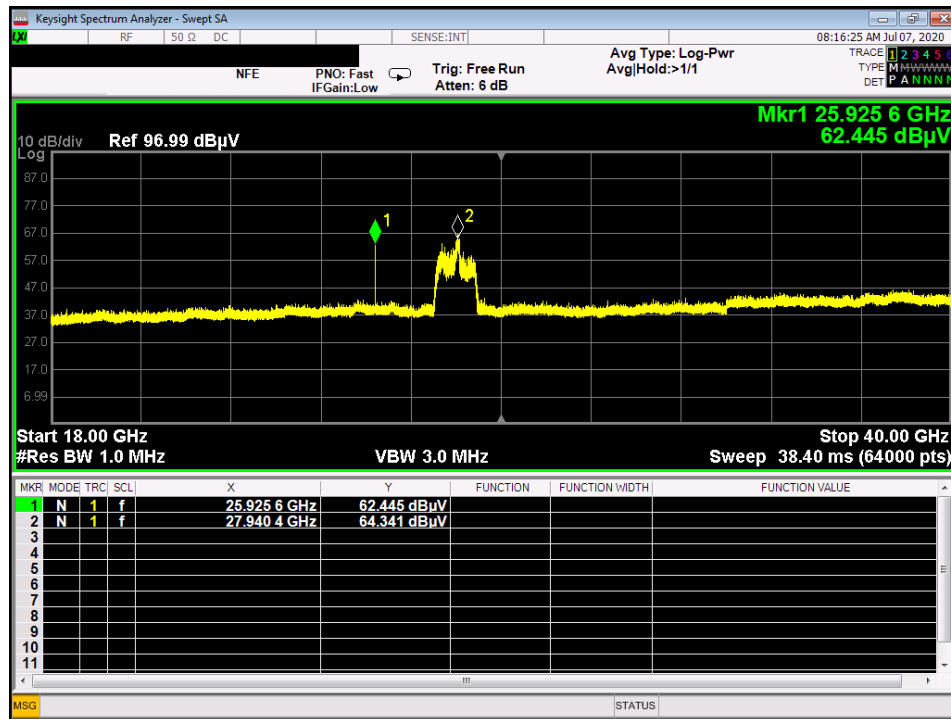
Radiated Spurious_18 - 40 GHz_MIMO DL_27550_p19c0009



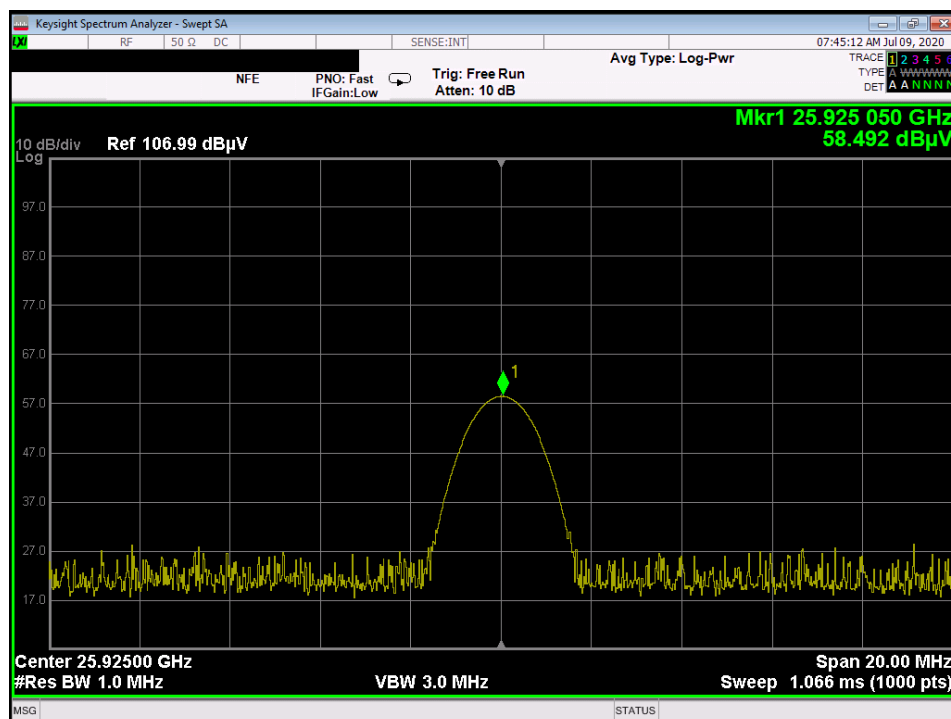
Radiated Spurious_18 - 40 GHz_MIMO DL_27550_p19c0009_avg detector



Radiated Spurious_18 - 40 GHz_MIMO DL_27925_p19c0009

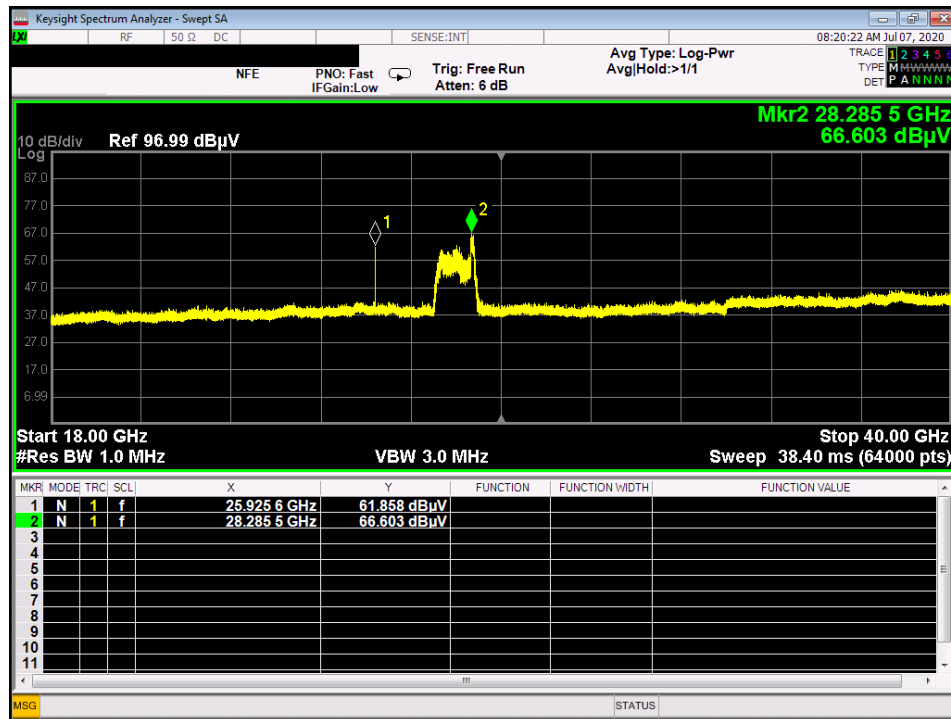


Radiated Spurious_18 - 40 GHz_MIMO DL_27925_p19c0009_avg detector

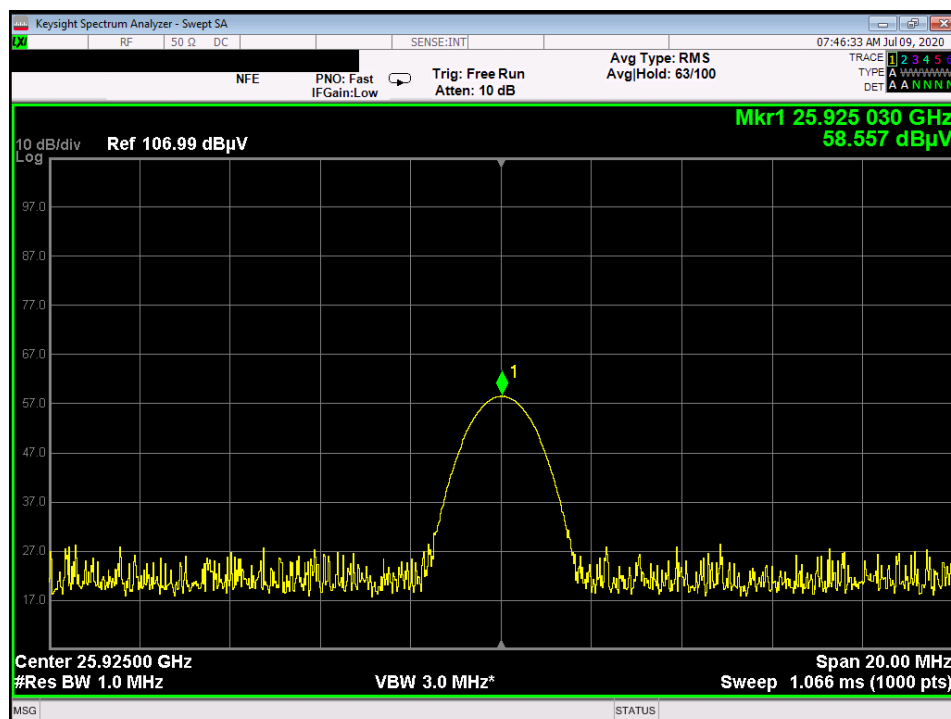




Radiated Spurious_18 - 40 GHz_MIMO DL_28300_p19c0009

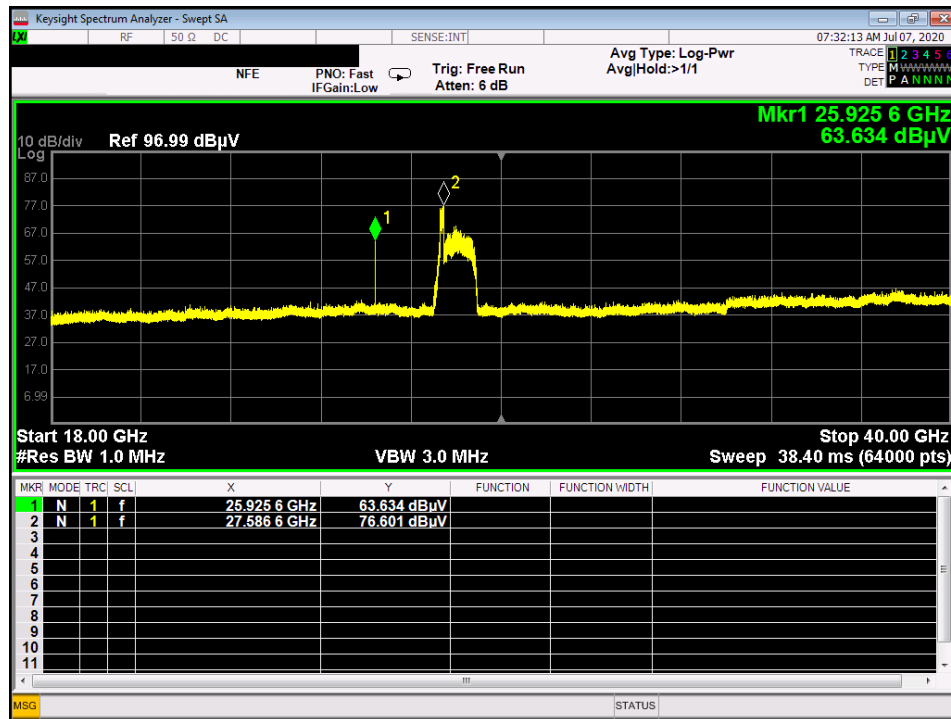


Radiated Spurious_18 - 40 GHz_MIMO DL_28300_p19c0009_avg detector

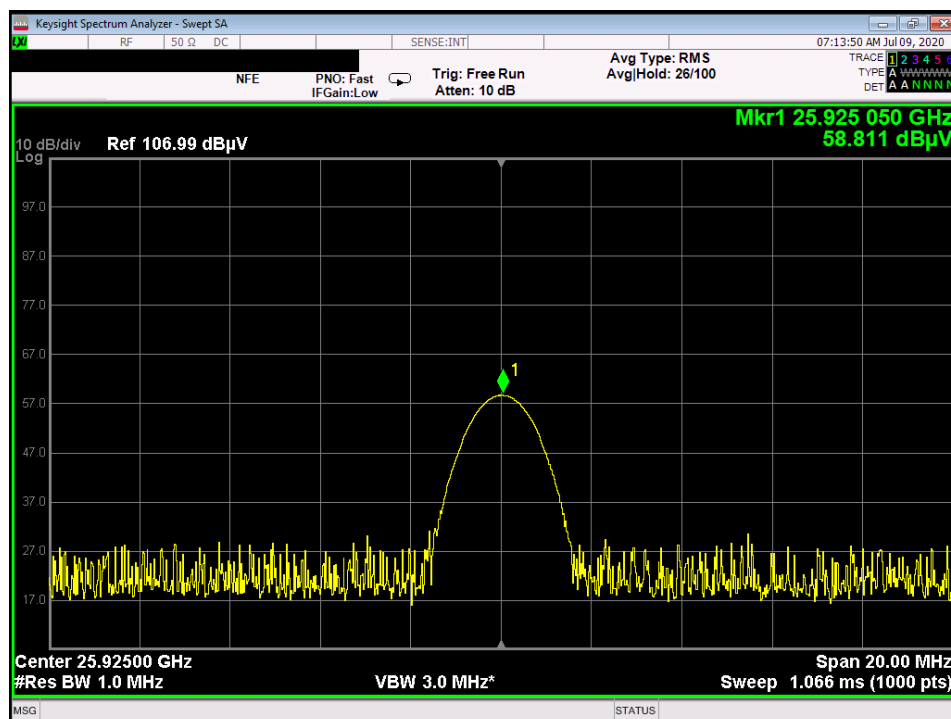




Radiated Spurious_18 - 40 GHz_MIMO UL_27550_p19c0009

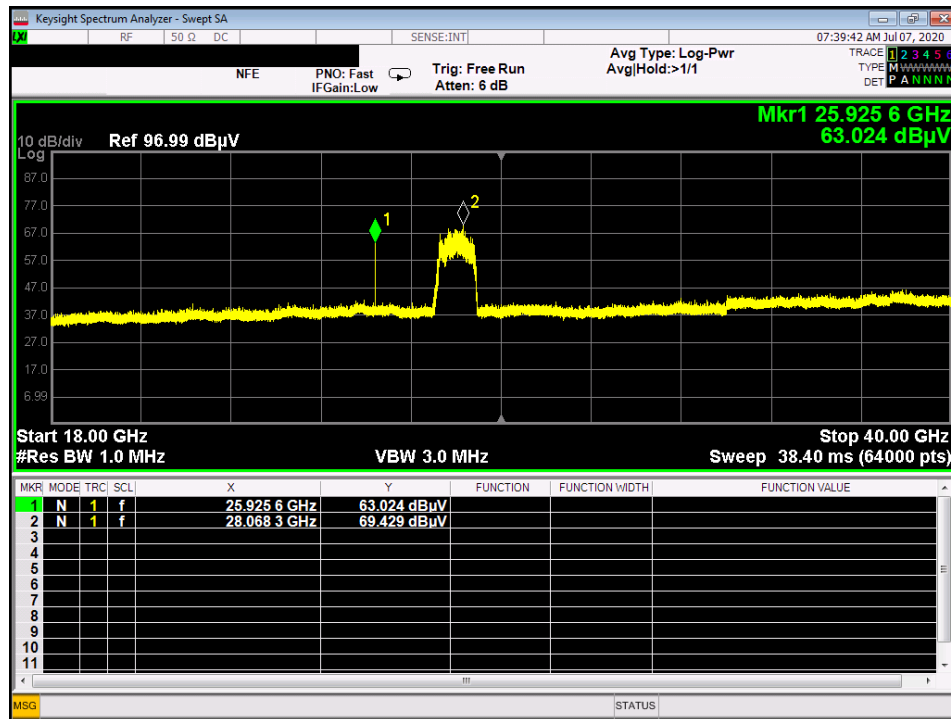


Radiated Spurious_18 - 40 GHz_MIMO UL_27550_p19c0009_avg detector

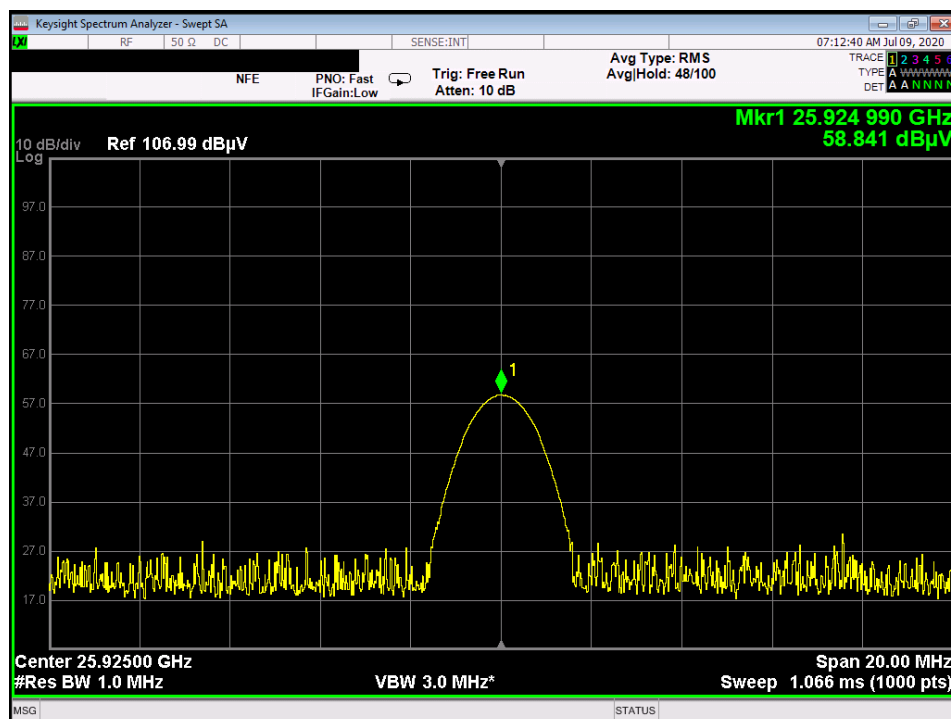




Radiated Spurious_18 - 40 GHz_MIMO UL_27925_p19c0009

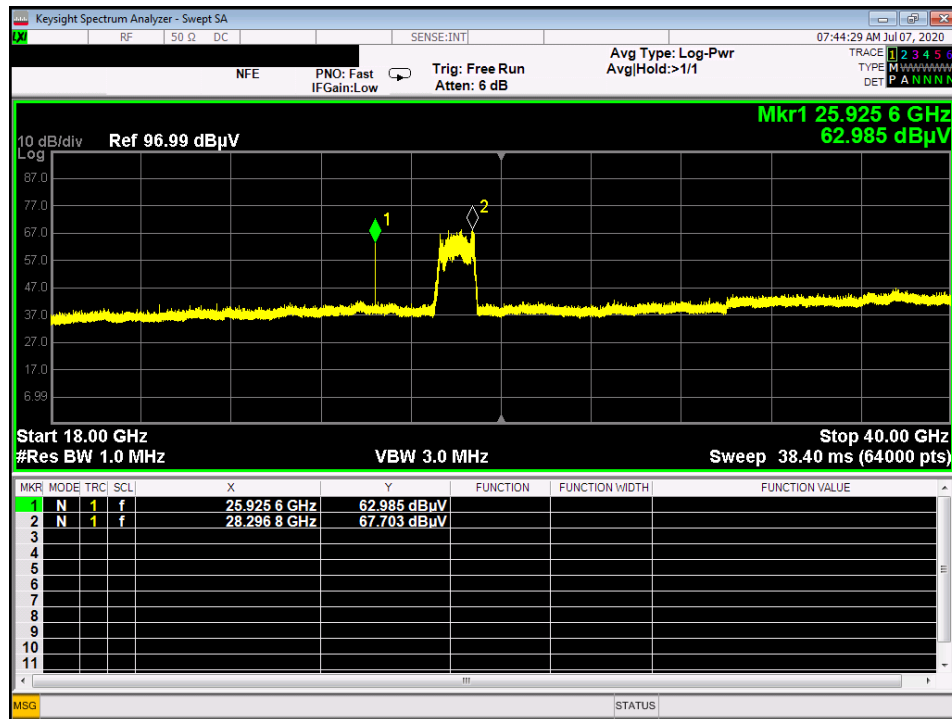


Radiated Spurious_18 - 40 GHz_MIMO UL_27925_p19c0009_avg detector

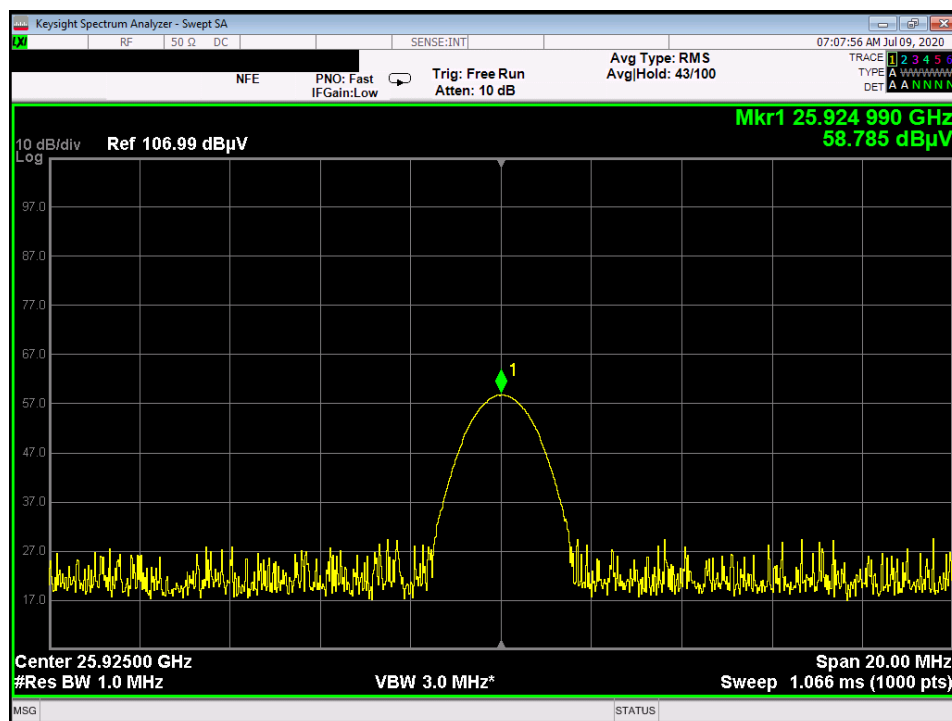




Radiated Spurious_18 - 40 GHz_MIMO UL_28300_p19c0009

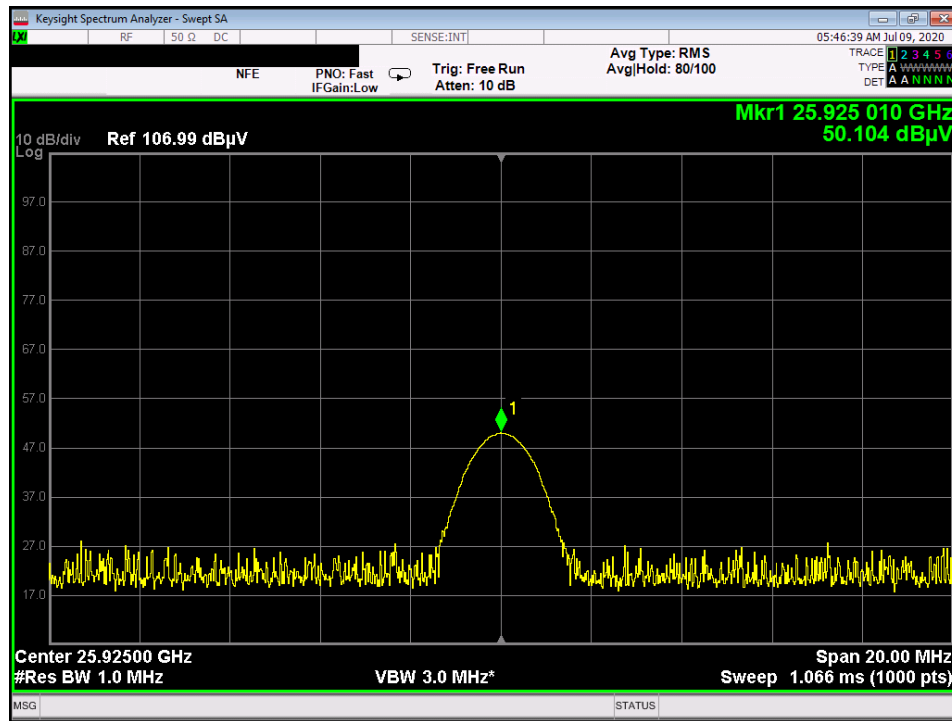


Radiated Spurious_18 - 40 GHz_MIMO UL_28300_p19c0009_avg detector

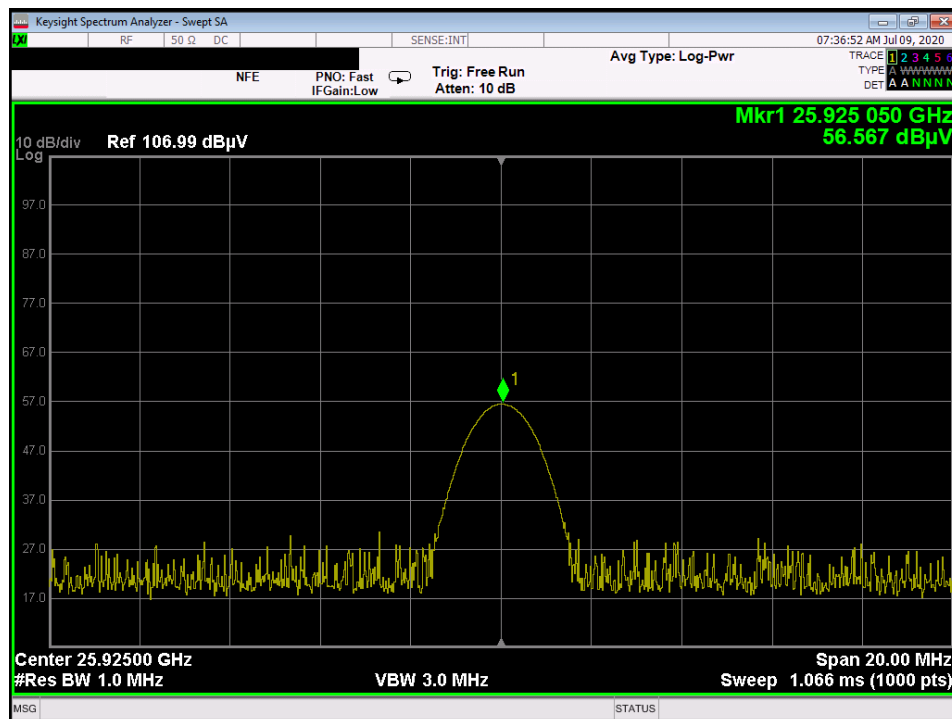




Radiated Spurious_18 - 40 GHz_SISO DL_27550_p19c0009

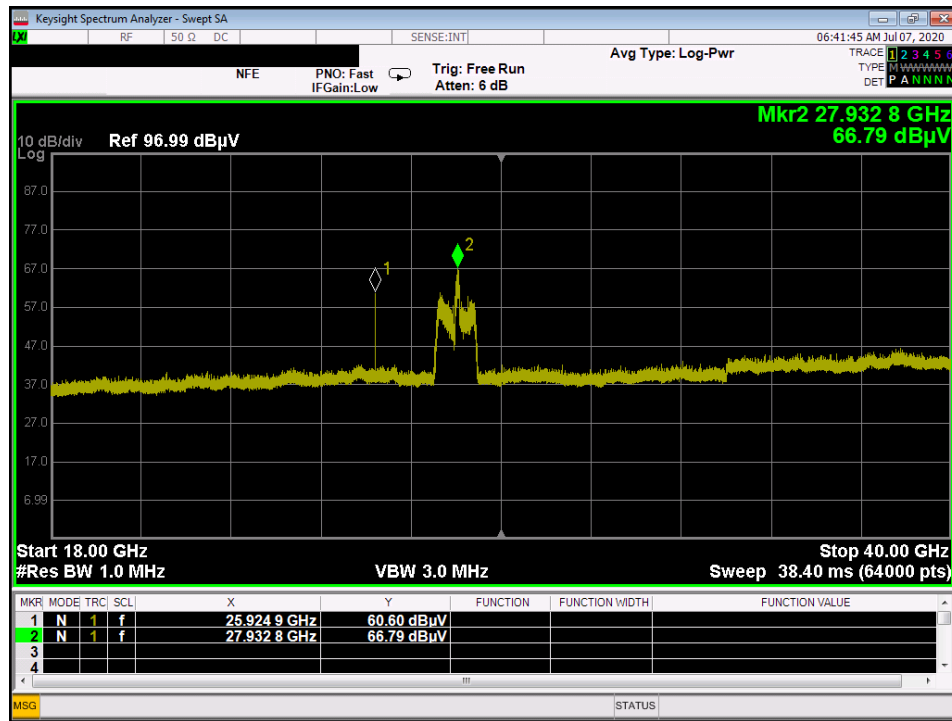


Radiated Spurious_18 - 40 GHz_SISO DL_27550_p19c0009_avg detector

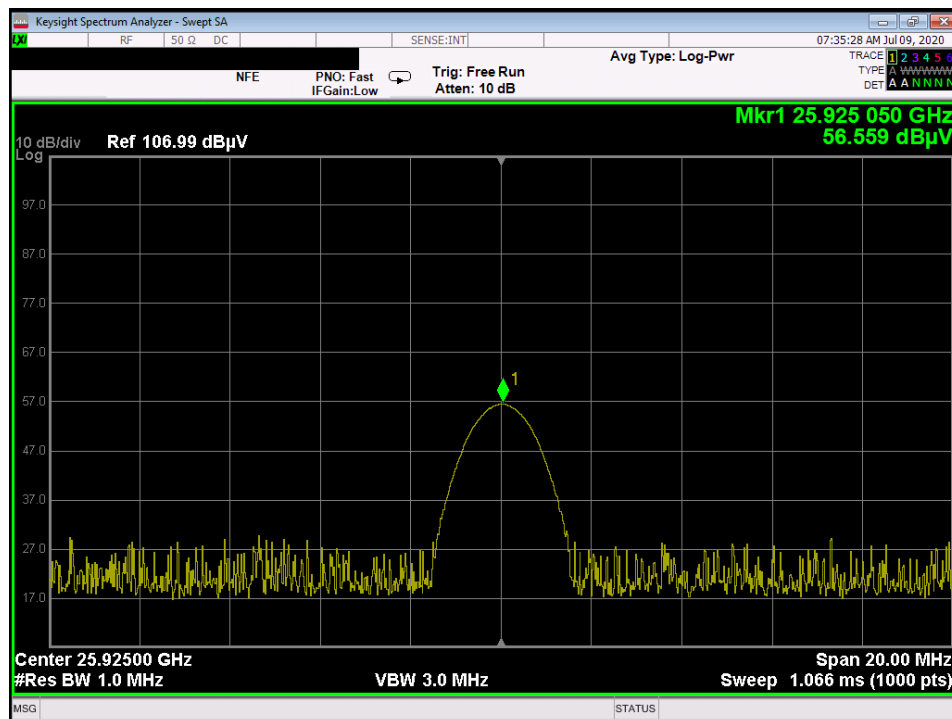




Radiated Spurious_18 - 40 GHz_SISO DL_27925_p19c0009

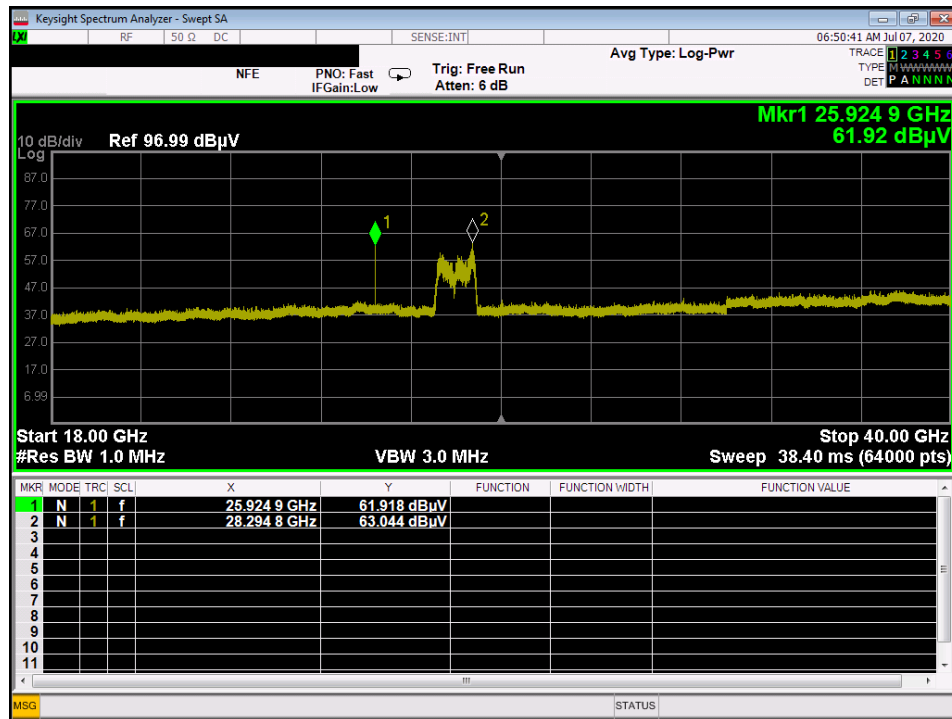


Radiated Spurious_18 - 40 GHz_SISO DL_27925_p19c0009_avg detector

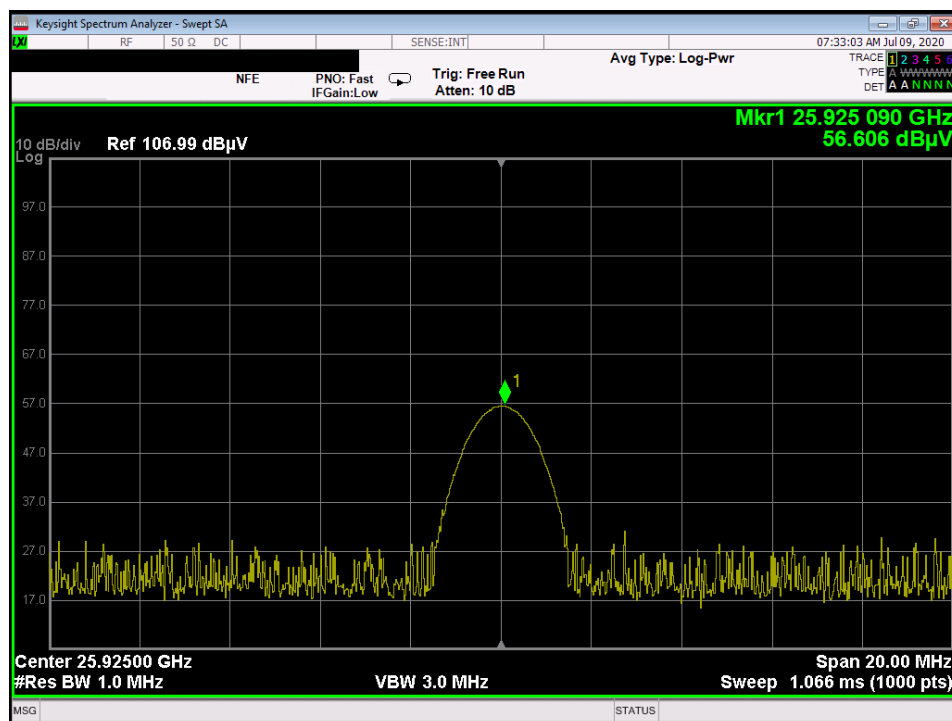




Radiated Spurious_18 - 40 GHz_SISO DL_28300_p19c0009

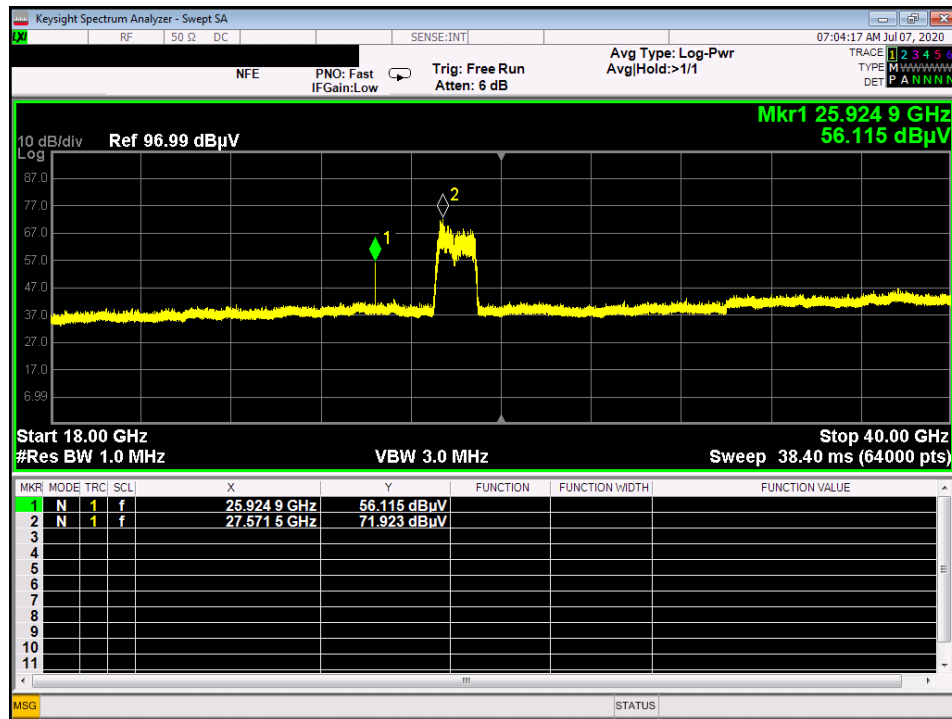


Radiated Spurious_18 - 40 GHz_SISO DL_28300_p19c0009_avg detector

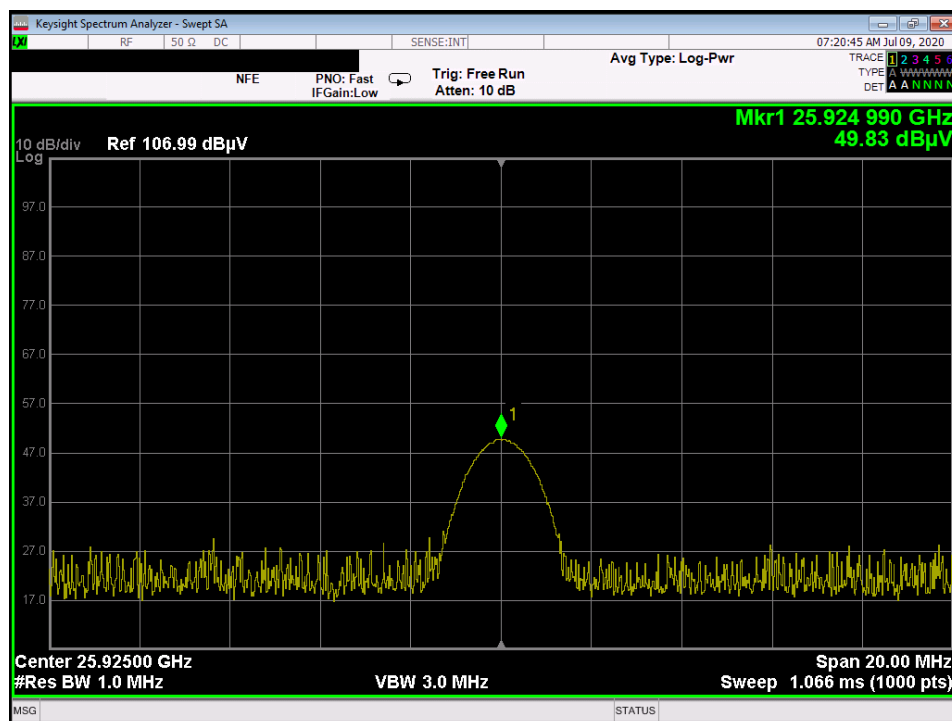




Radiated Spurious_18 - 40 GHz_SISO UL_27550_p19c0009

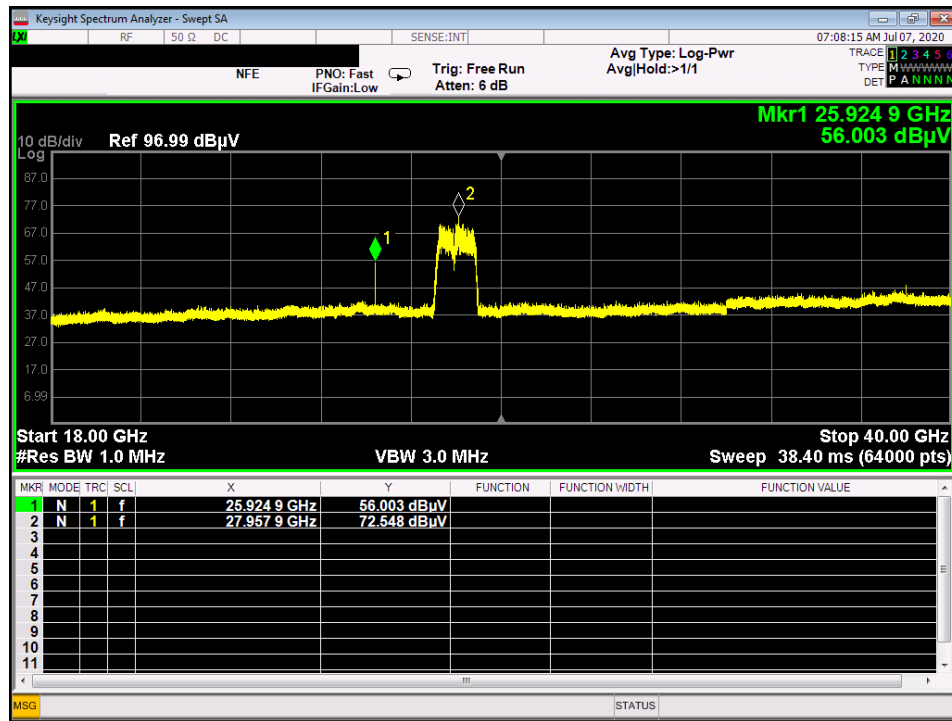


Radiated Spurious_18 - 40 GHz_SISO UL_27550_p19c0009_avg detector

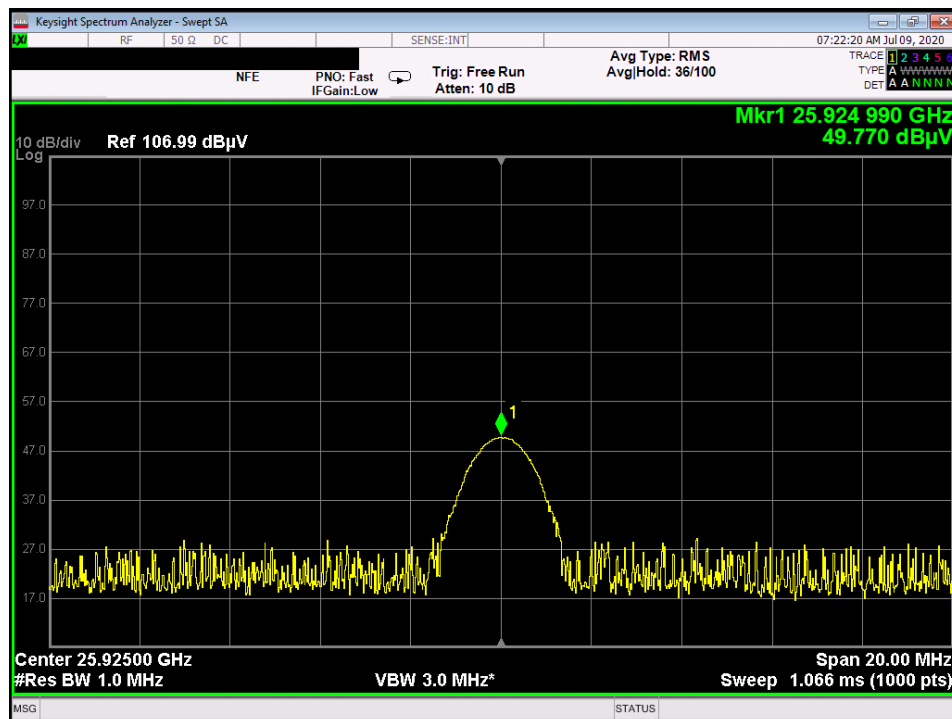




Radiated Spurious_18 - 40 GHz_SISO UL_27925_p19c0009

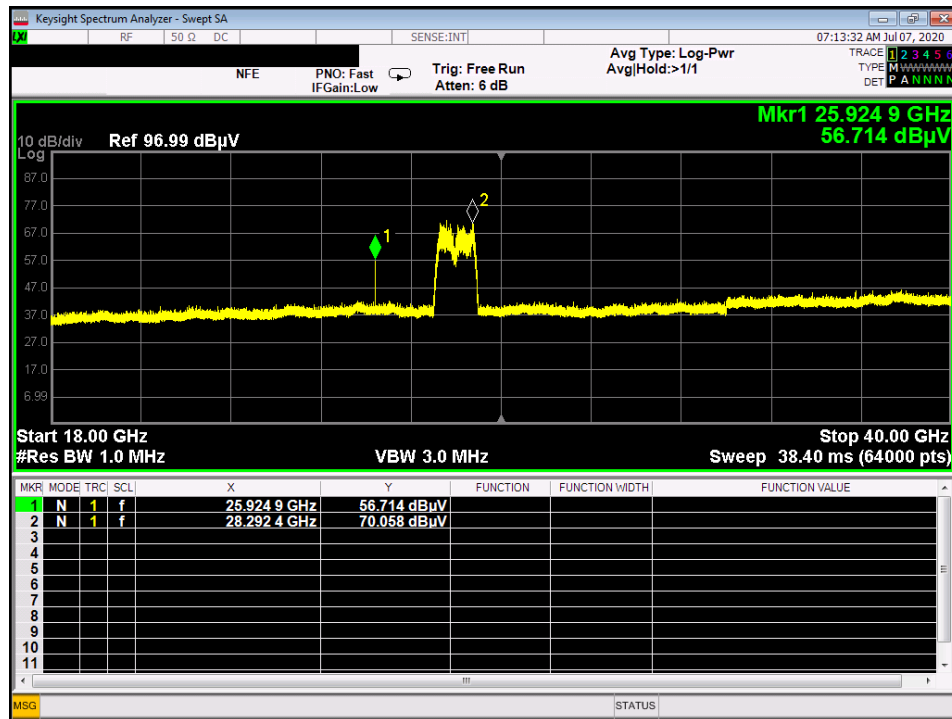


Radiated Spurious_18 - 40 GHz_SISO UL_27925_p19c0009_avg detector

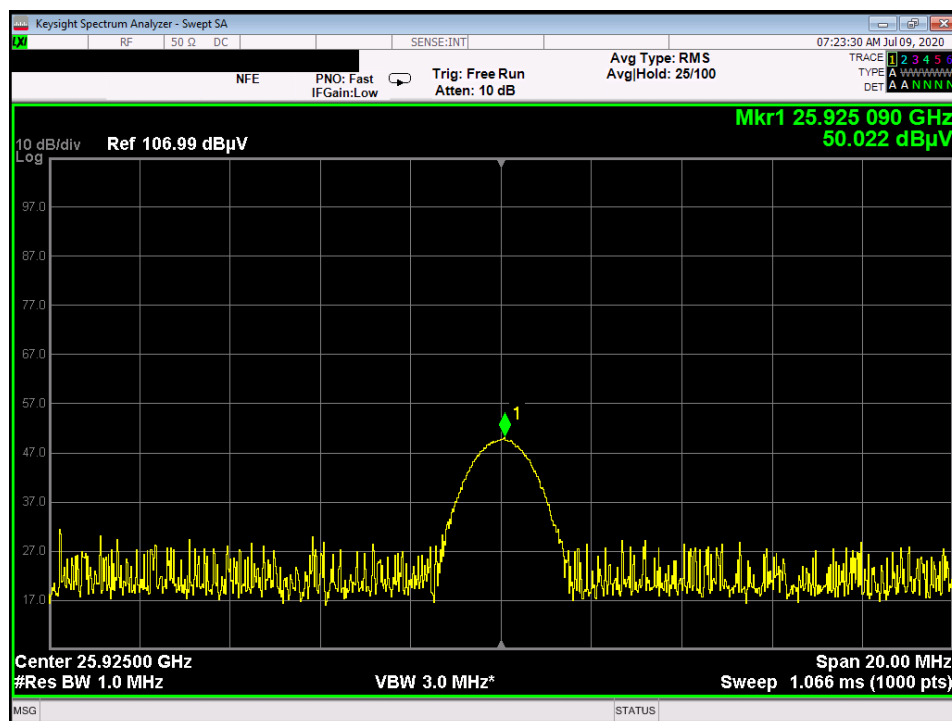




Radiated Spurious_18 - 40 GHz_SISO UL_28300_p19c0009

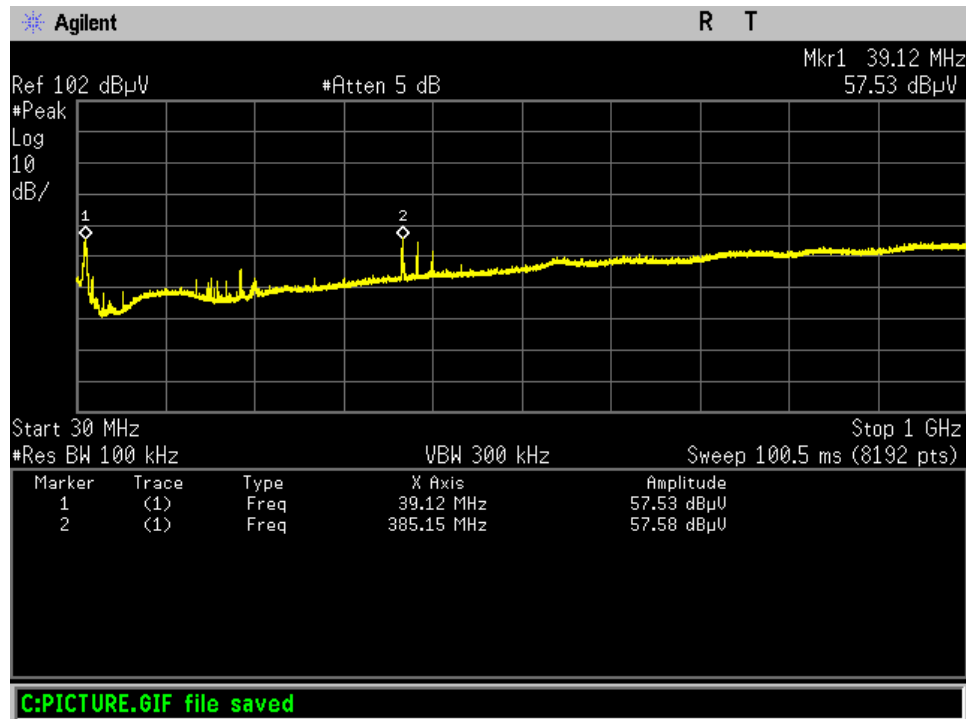


Radiated Spurious_18 - 40 GHz_SISO UL_28300_p19c0009_avg detector

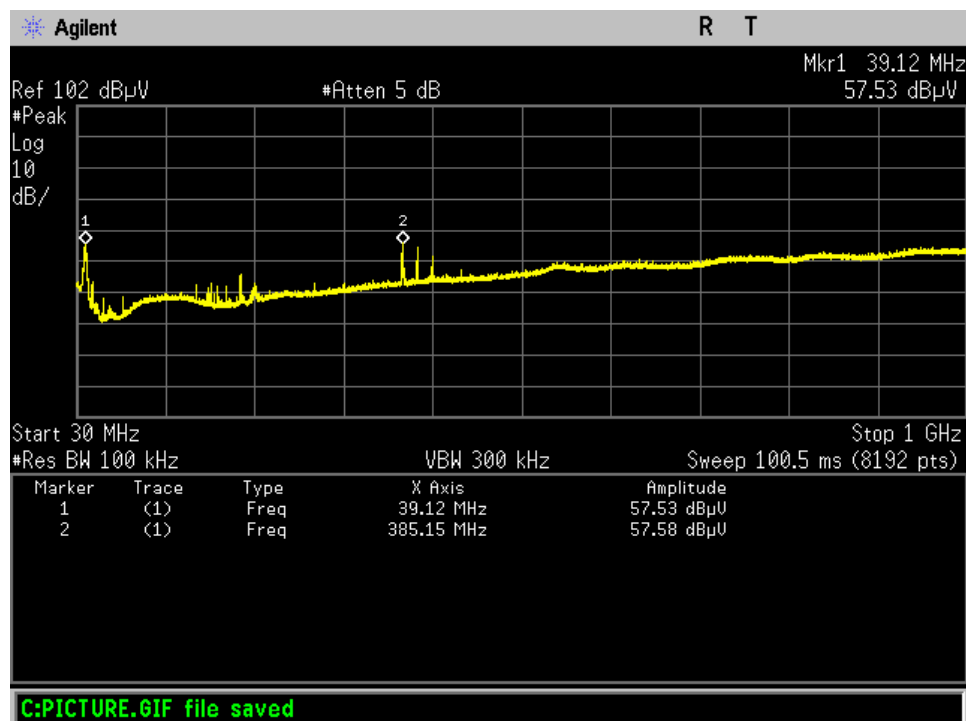




Radiated Spurious_30 - 1000 MHz_MIMO DL_27550 MHz_p19c0009

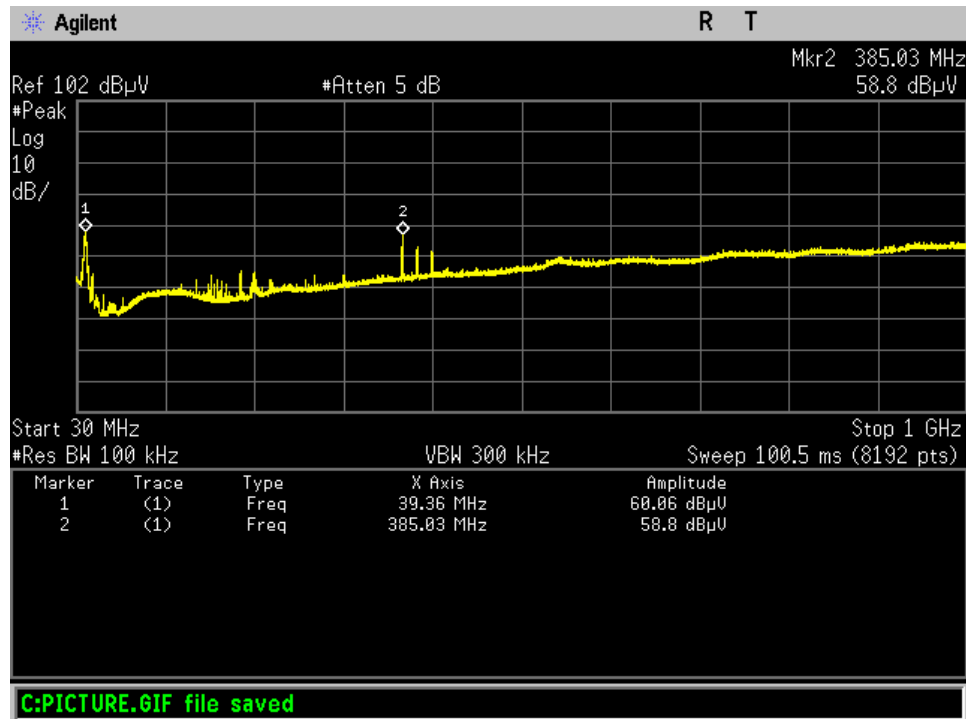


Radiated Spurious_30 - 1000 MHz_MIMO DL_27925 MHz_p19c0009

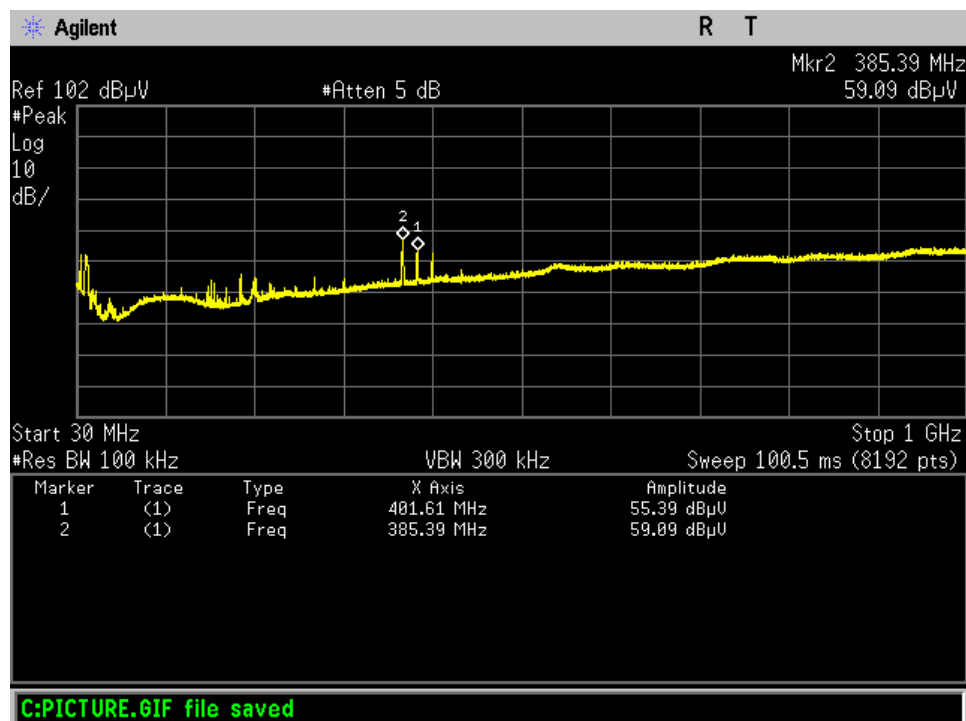




Radiated Spurious_30 - 1000 MHz_MIMO DL_28300 MHz_p19c0009

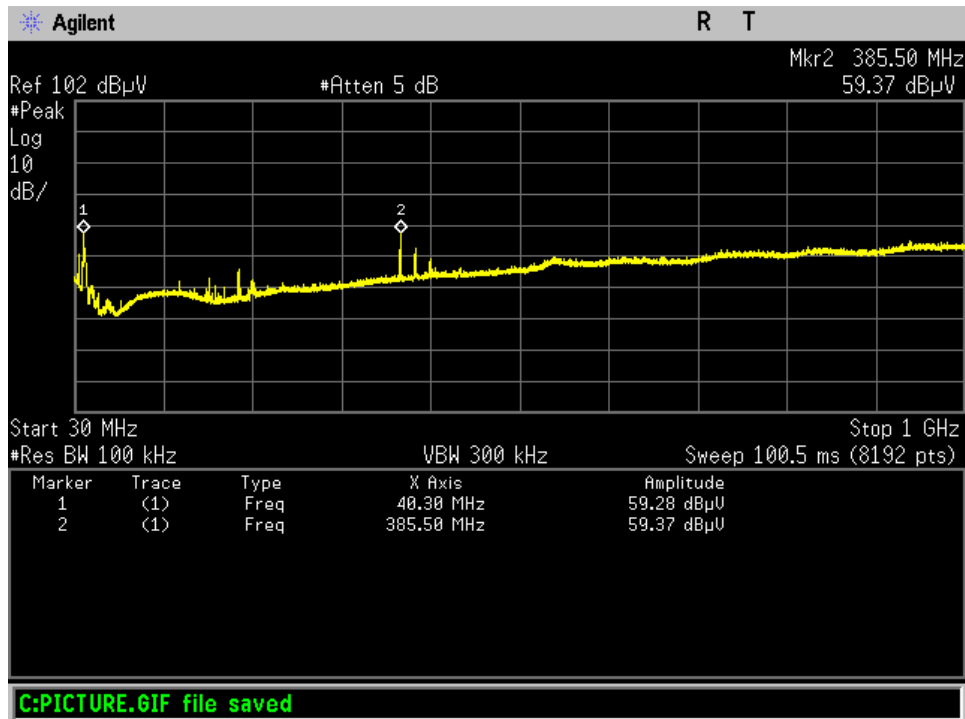


Radiated Spurious_30 - 1000 MHz_MIMO UL_27550 MHz_p19c0009

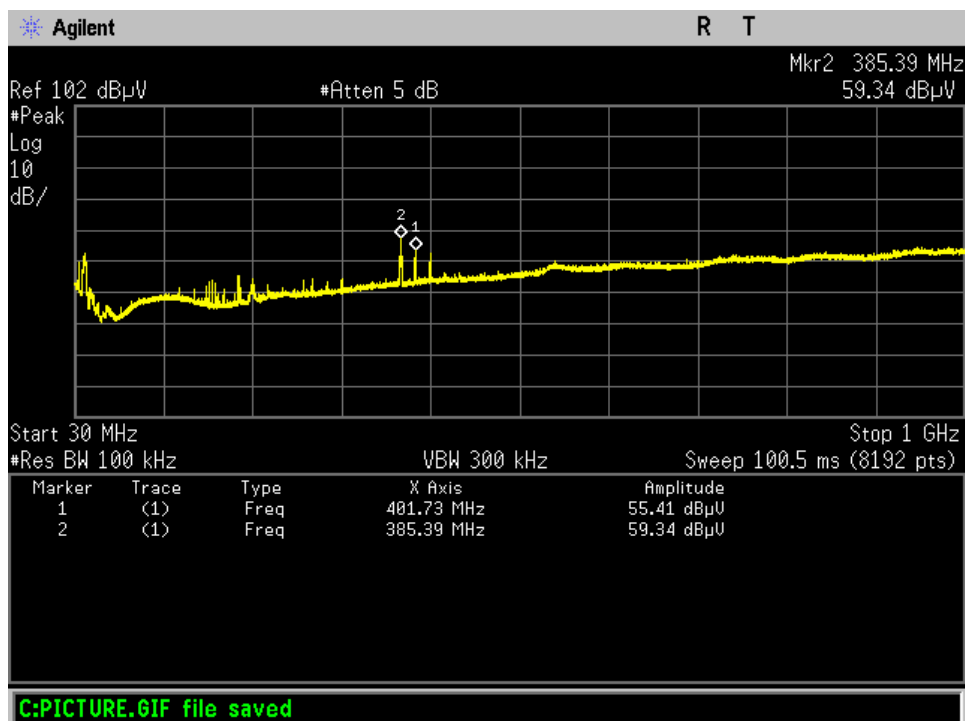




Radiated Spurious_30 - 1000 MHz_MIMO UL_27925 MHz_p19c0009

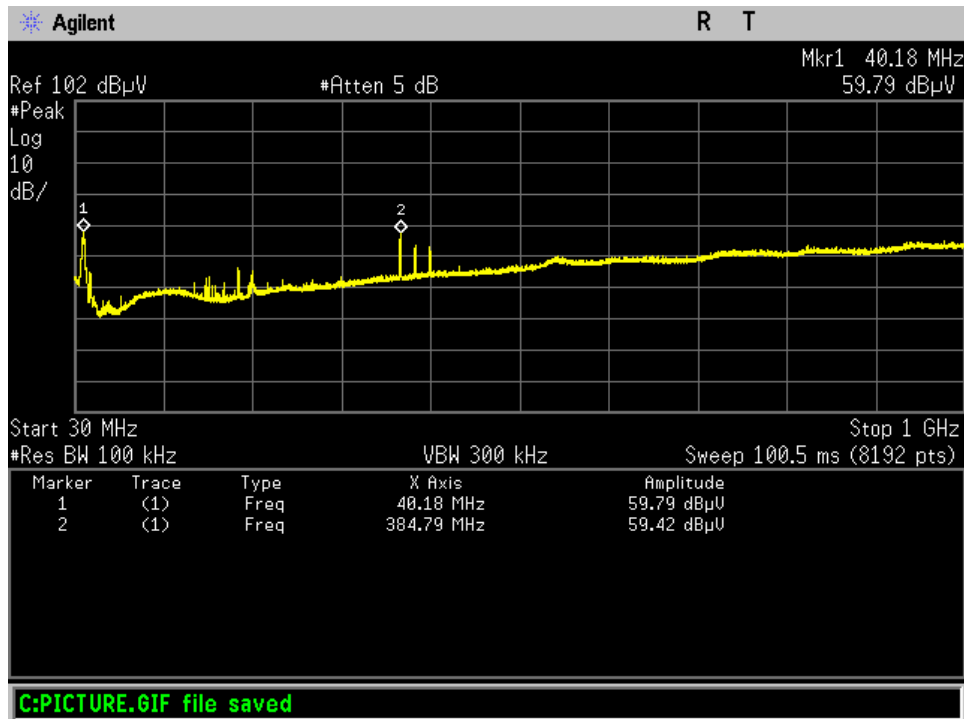


Radiated Spurious_30 - 1000 MHz_MIMO UL_28300 MHz_p19c0009

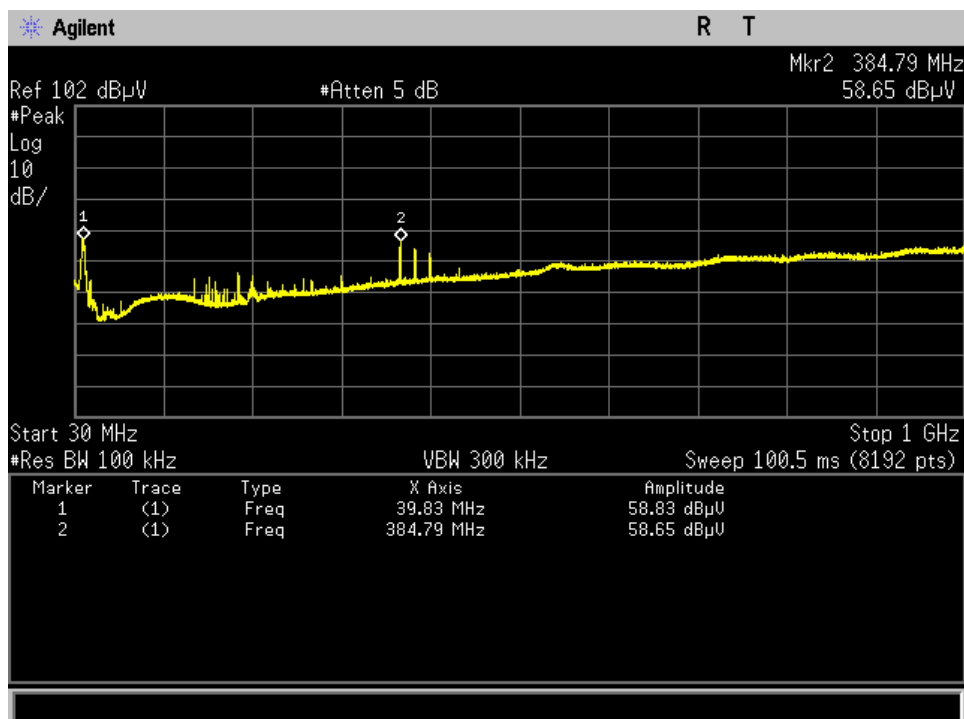




Radiated Spurious_30 - 1000 MHz_SISO DL_27550 MHz_p19c0009

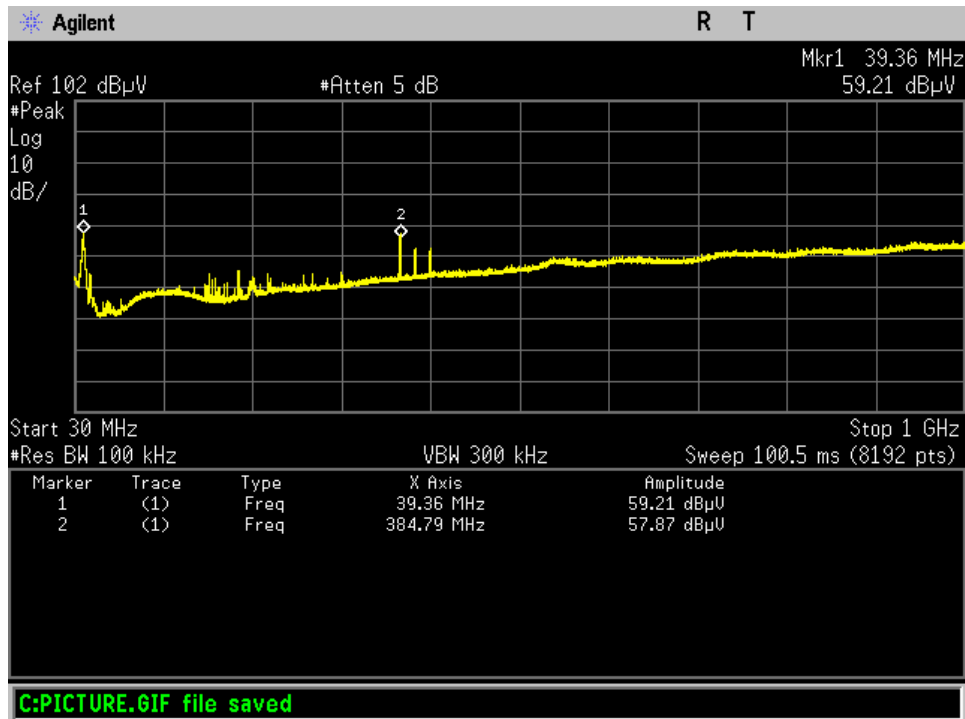


Radiated Spurious_30 - 1000 MHz_SISO DL_27925 MHz_p19c0009

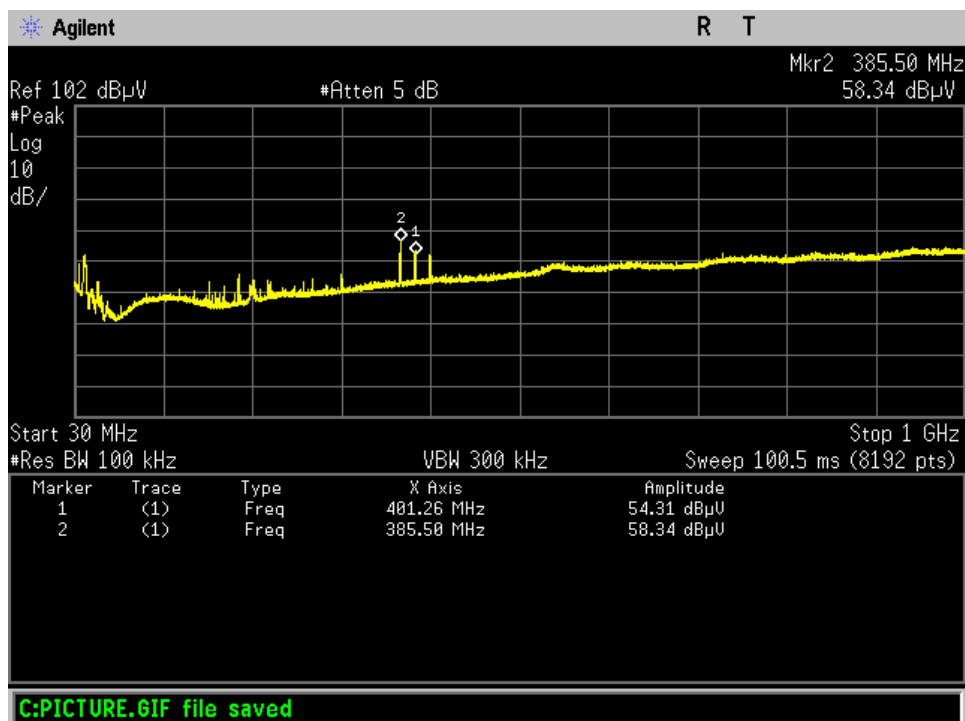




Radiated Spurious_30 - 1000 MHz_SISO DL_28300 MHz_p19c0009

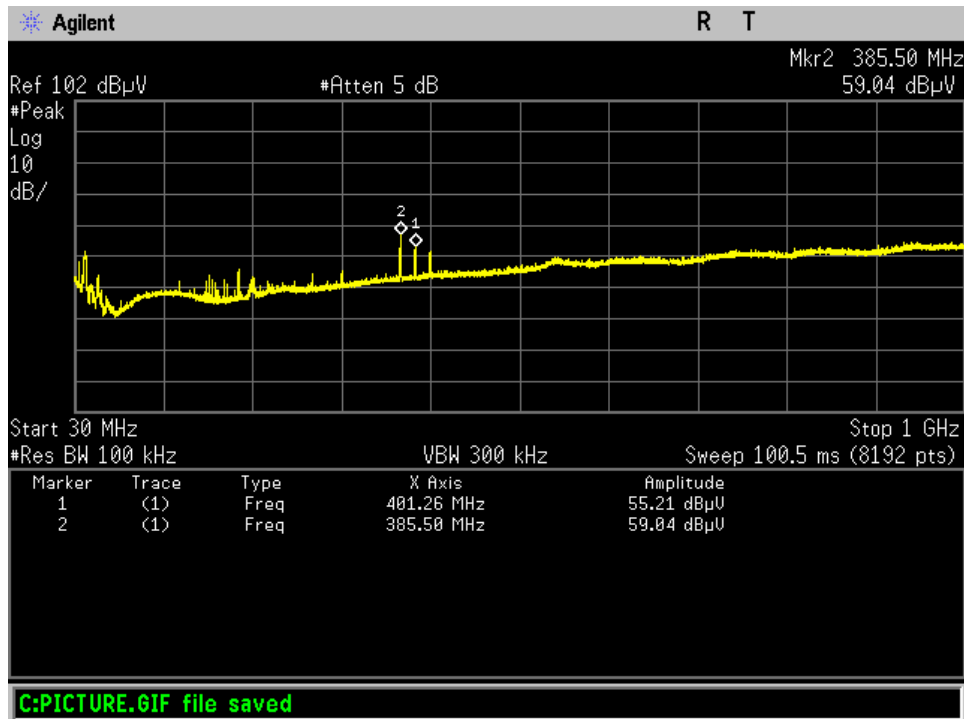


Radiated Spurious_30 - 1000 MHz_SISO UL_27550 MHz_p19c0009

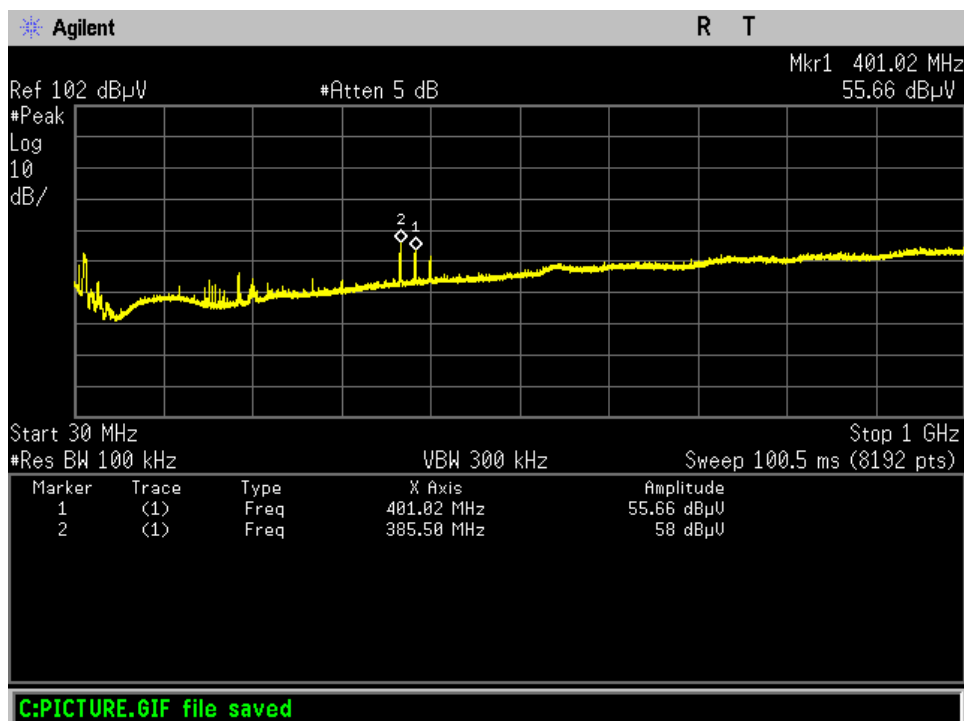


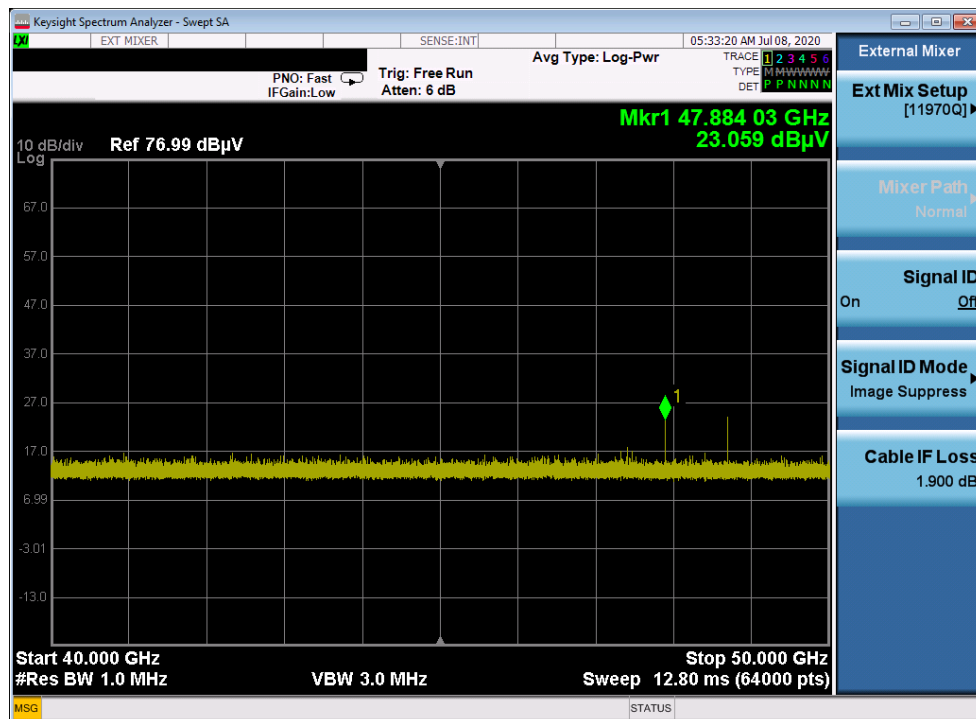
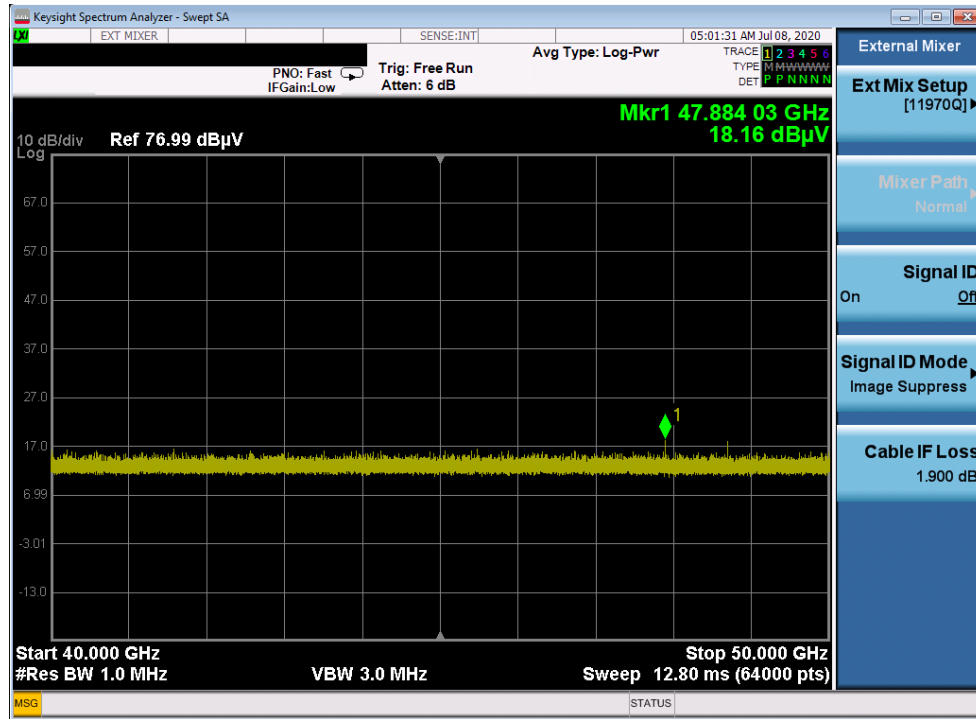


Radiated Spurious_30 - 1000 MHz_SISO UL_27925 MHz_p19c0009

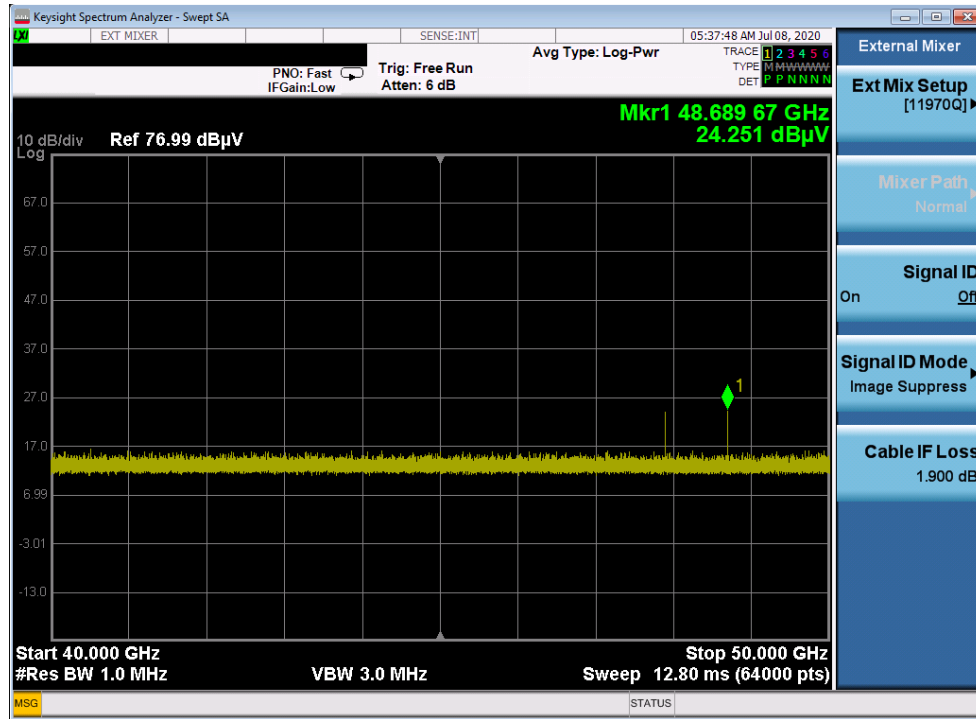


Radiated Spurious_30 - 1000 MHz_SISO UL_28300 MHz_p19c0009

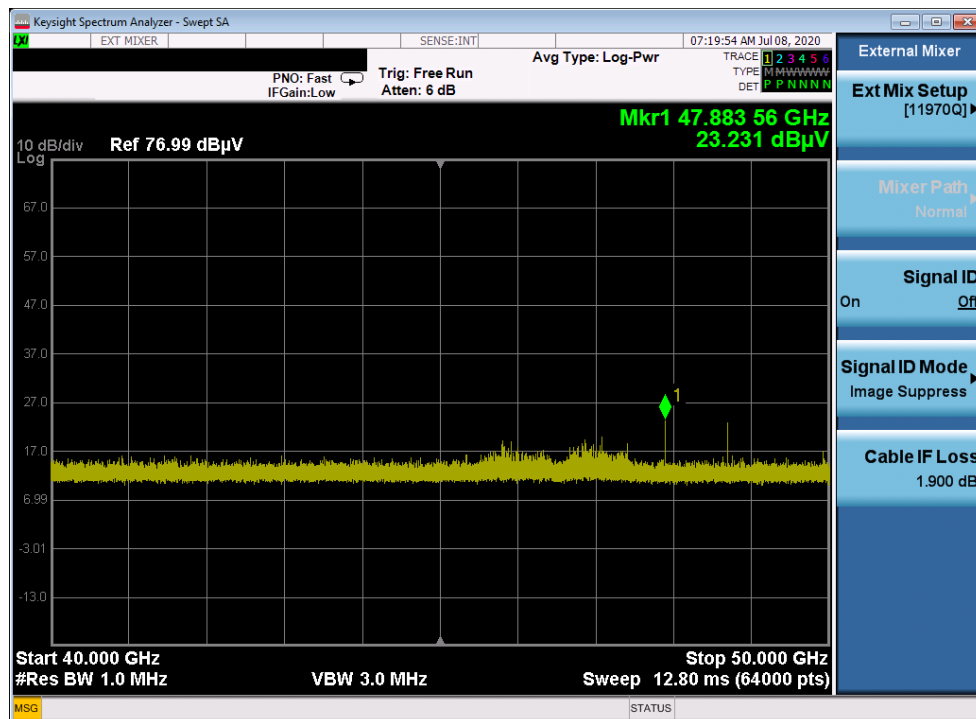


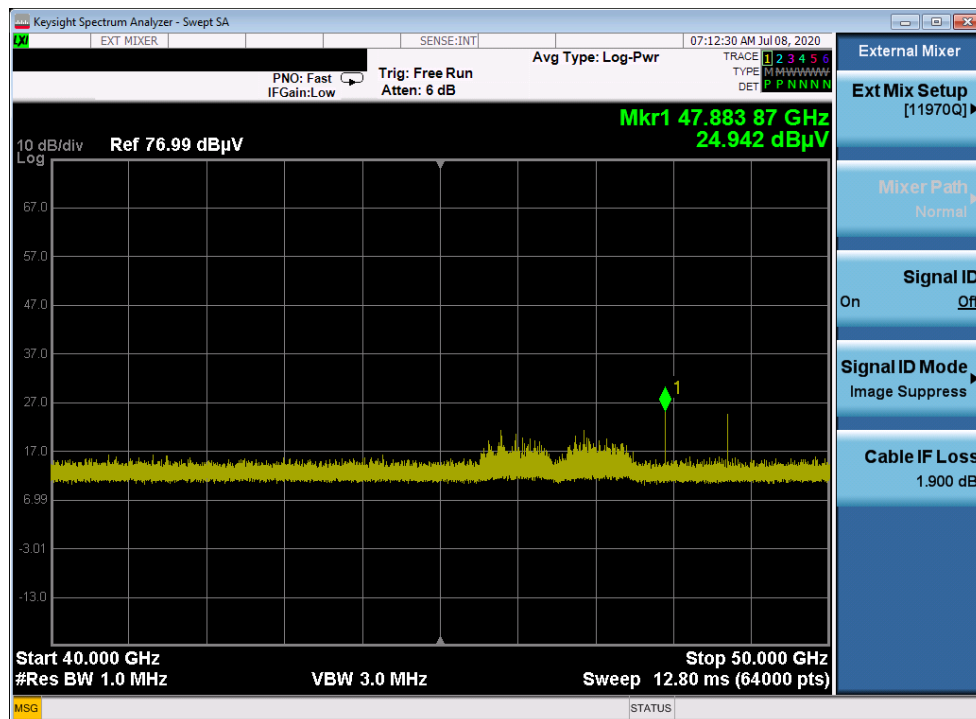
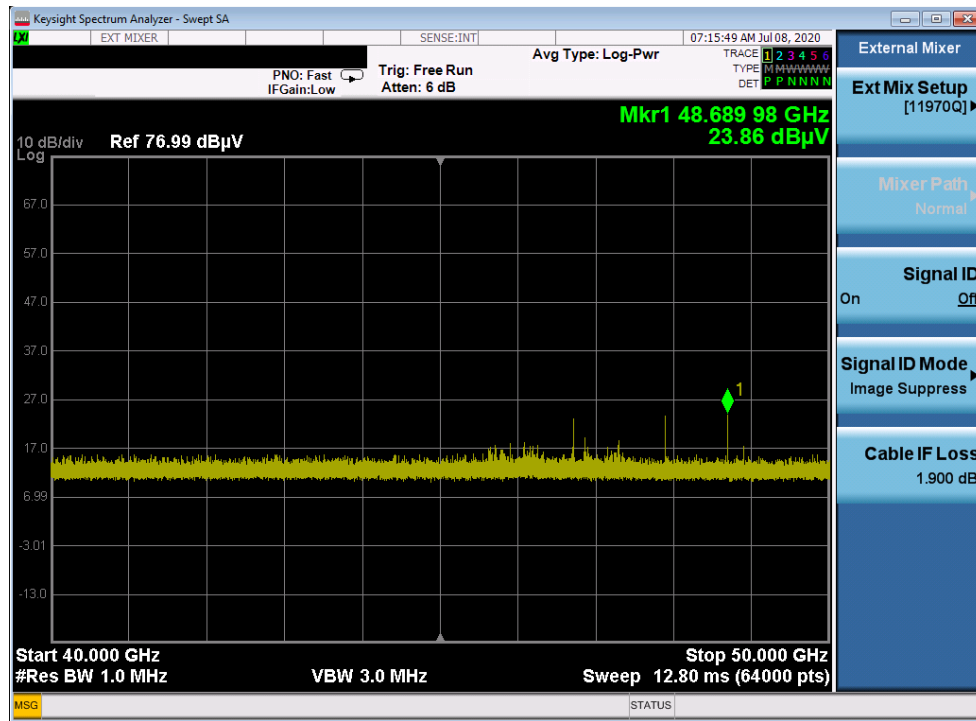


Radiated Spurious_40 - 50 GHz_MIMO DL_28300 MHz_p19c0009



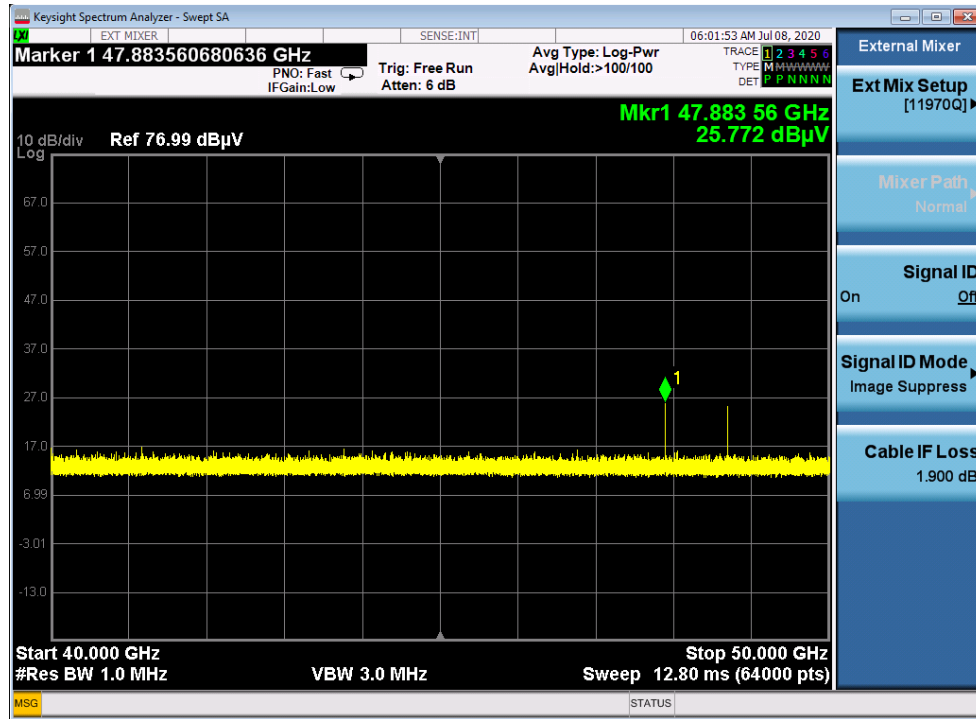
Radiated Spurious_40 - 50 GHz_MIMO UL_27550 MHz_p19c0009



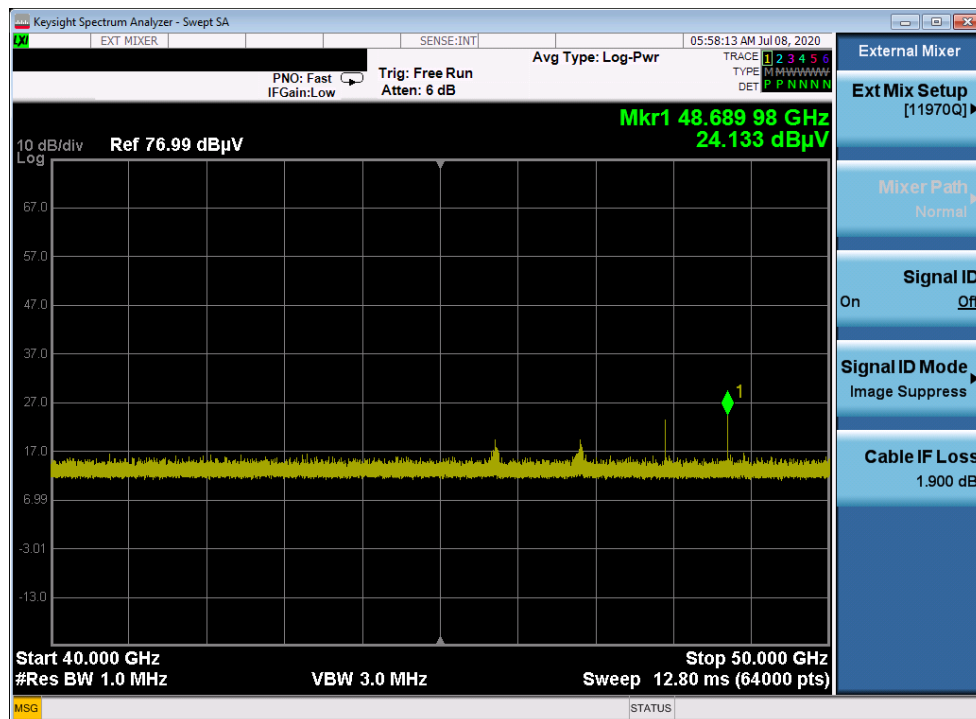




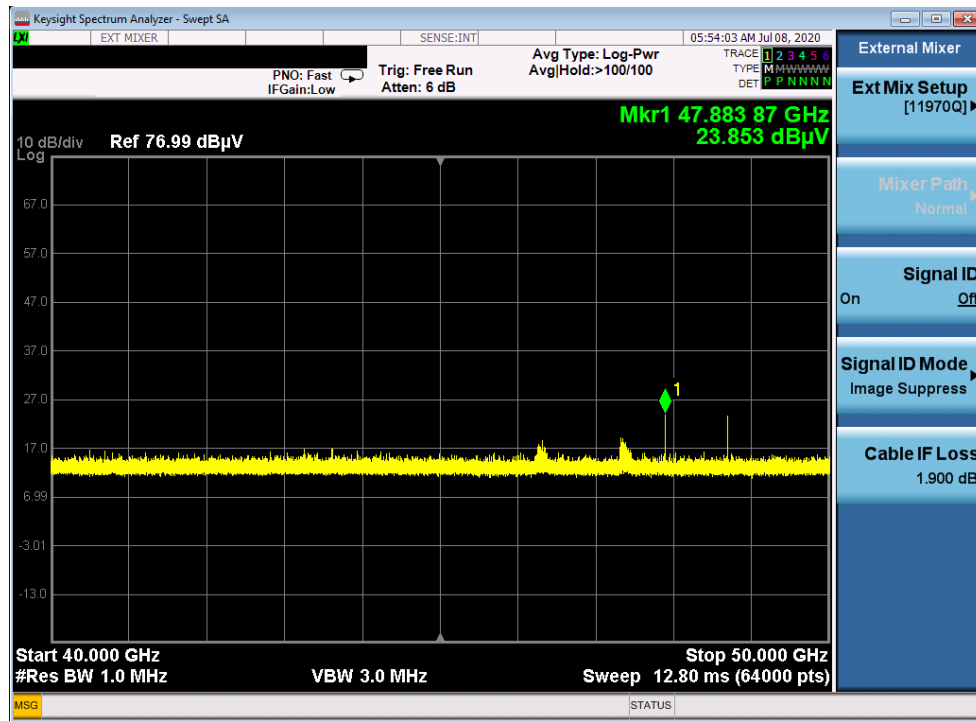
Radiated Spurious_40 - 50 GHz_SISO DL_27550 MHz_p19c0009



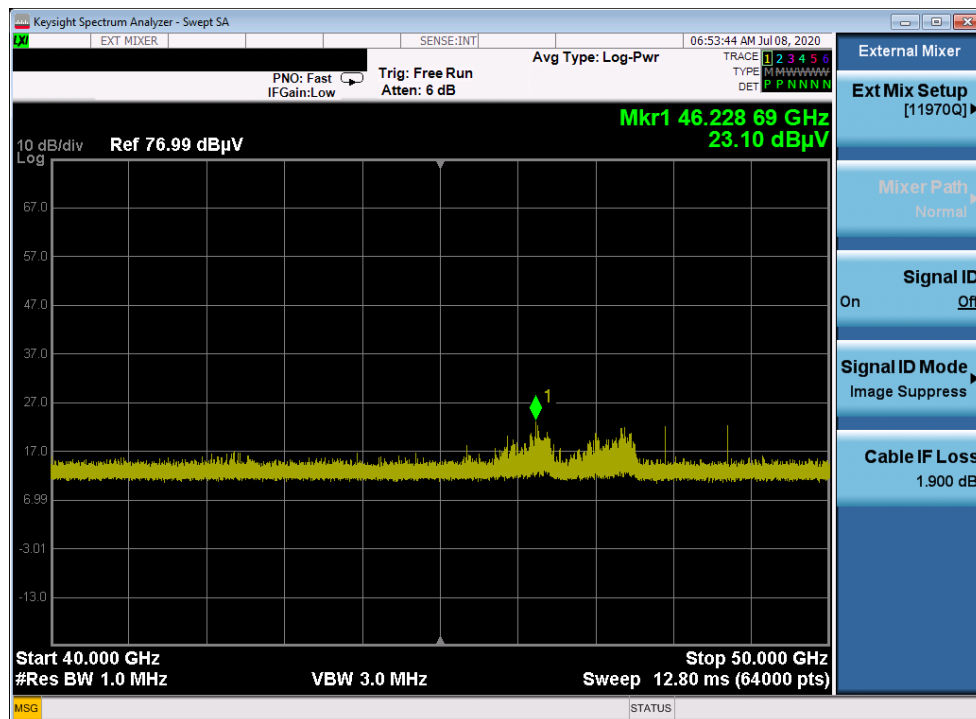
Radiated Spurious_40 - 50 GHz_SISO DL_27925 MHz_p19c0009

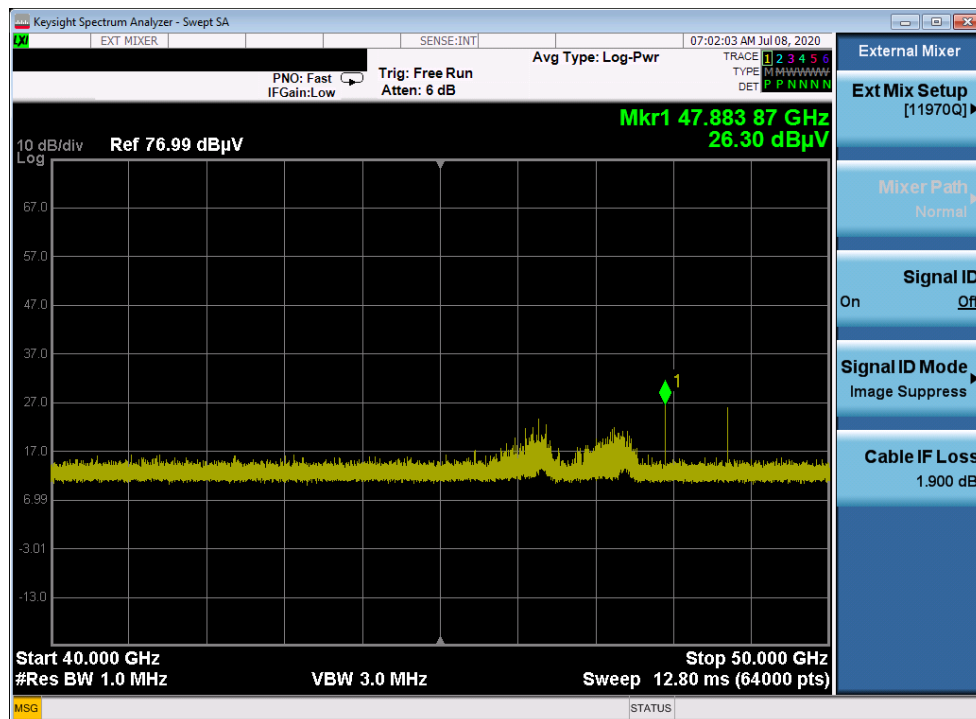
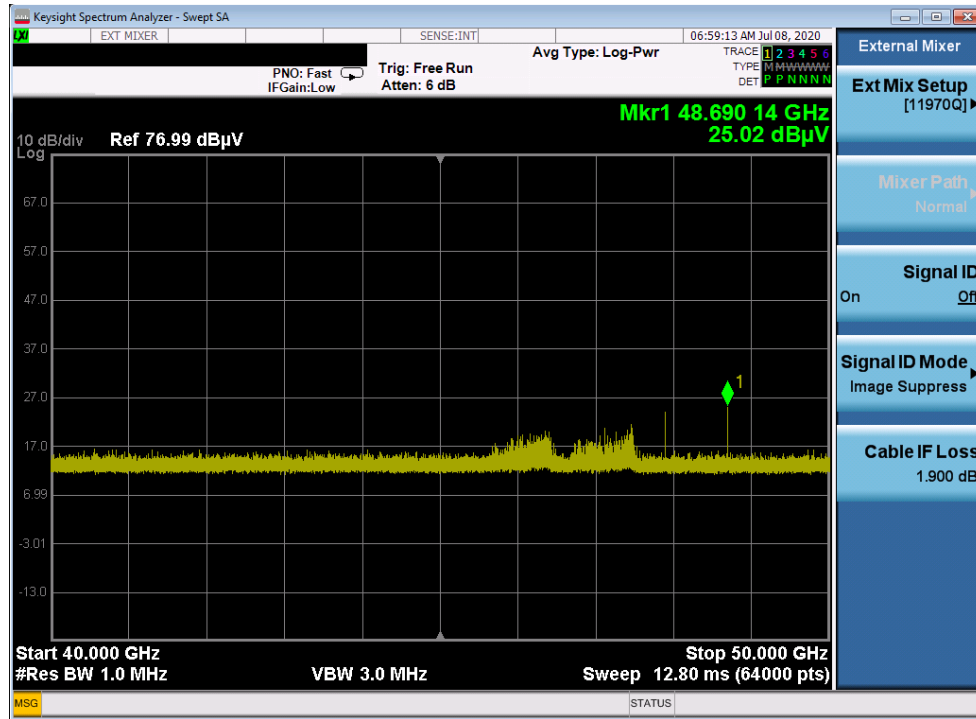


Radiated Spurious_40 - 50 GHz_SISO DL_28300 MHz_p19c0009



Radiated Spurious_40 - 50 GHz_SISO UL_27550 MHz_p19c0009





Keysight Spectrum Analyzer - Swept SA

EXT MIXER SENSE:INT 09:03:04 AM Jul 08, 2020

PNO: Fast IFGain:Low Trg: Free Run Atten: 6 dB Avg Type: Log-Pwr

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

Mkr1 74.057 8 GHz
16.53 dBμV

10 dB/div Ref 76.99 dBμV
Log

Start 50.00 GHz Stop 75.00 GHz
#Res BW 1.0 MHz VBW 3.0 MHz Sweep 25.60 ms (64000 pts)

MSG STATUS

External Mixer

Ext Mix Setup
[11970V]

Mixer Path
Normal

Signal ID
On On

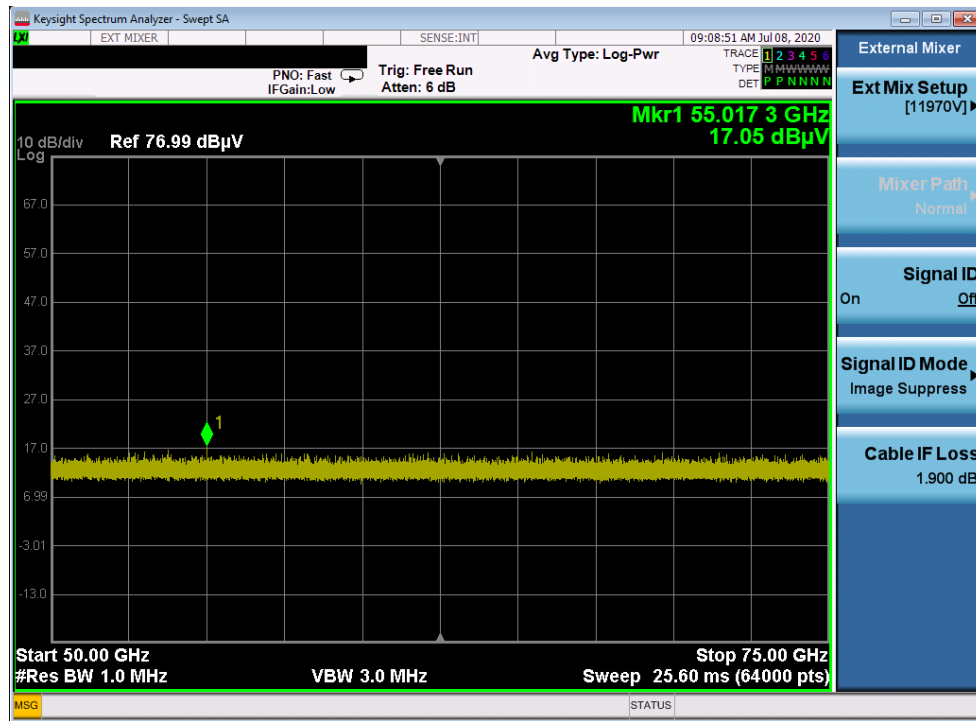
Signal ID Mode
Image Suppress

Cable IF Loss
1.900 dB

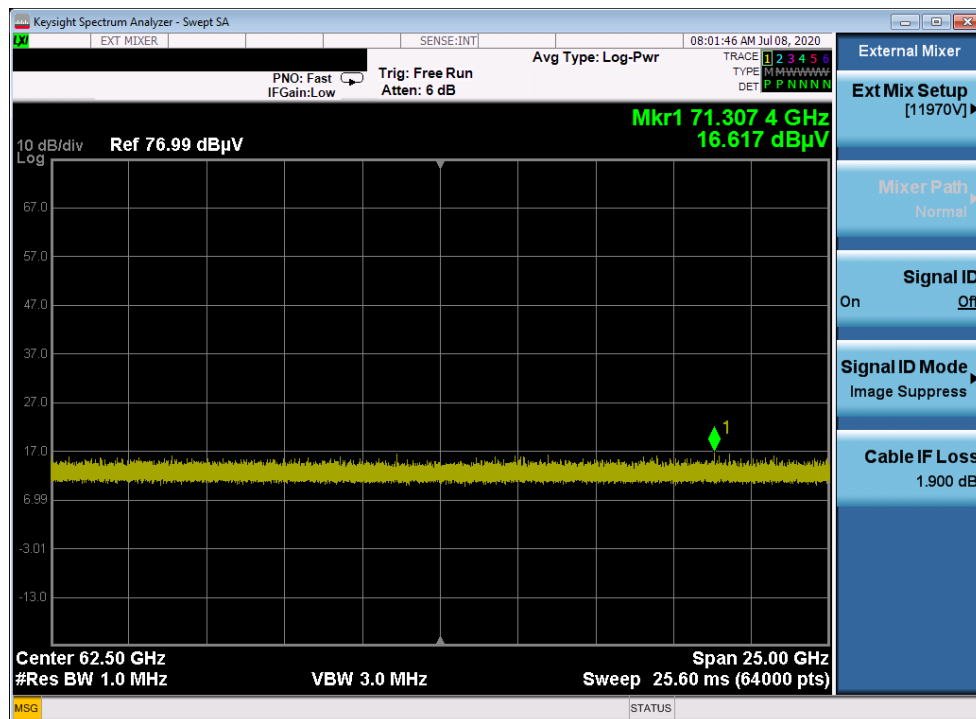
The screenshot displays a Keysight Spectrum Analyzer interface. The main plot area shows a frequency sweep from 50.00 GHz to 75.00 GHz with a resolution bandwidth of 1.0 MHz and a video bandwidth of 3.0 MHz. A single spectral component is visible at 54.1919 GHz, marked with a green diamond and labeled 'Mkr1'. The power level of this component is 16.76 dBμV. The reference level is set to 76.99 dBμV. The vertical axis scale is 10 dB/div on a logarithmic scale. The right-hand side of the screen contains control panels for 'External Mixer' (set to Ext Mix Setup [11970V]), 'Signal ID Mode' (Image Suppress), and 'Cable IF Loss' (1.900 dB). The top status bar indicates the device is in 'Free Run' mode with an attenuation of 6 dB.

Parameter	Value
Frequency (Mkr1)	54.1919 GHz
Power Level (Mkr1)	16.76 dBμV
Reference Level	76.99 dBμV
Start Frequency	50.00 GHz
Stop Frequency	75.00 GHz
Resolution Bandwidth (#Res BW)	1.0 MHz
Video Bandwidth (VBW)	3.0 MHz
Sweep Time	25.60 ms (64000 pts)

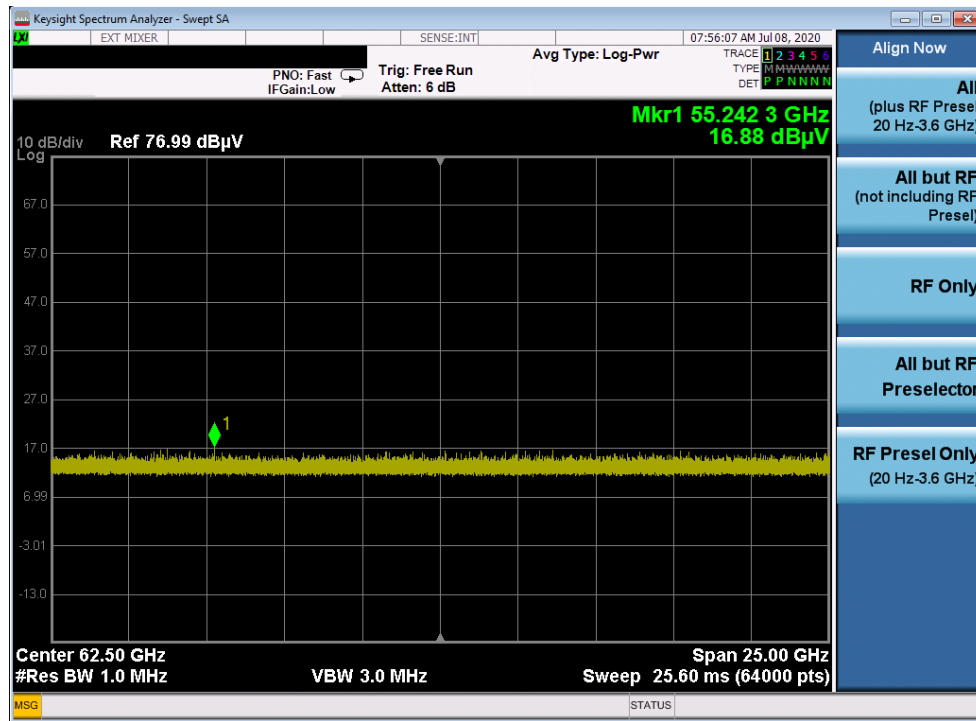
Radiated Spurious_50 - 75 GHz_MIMO DL_28300 MHz_p19c0009



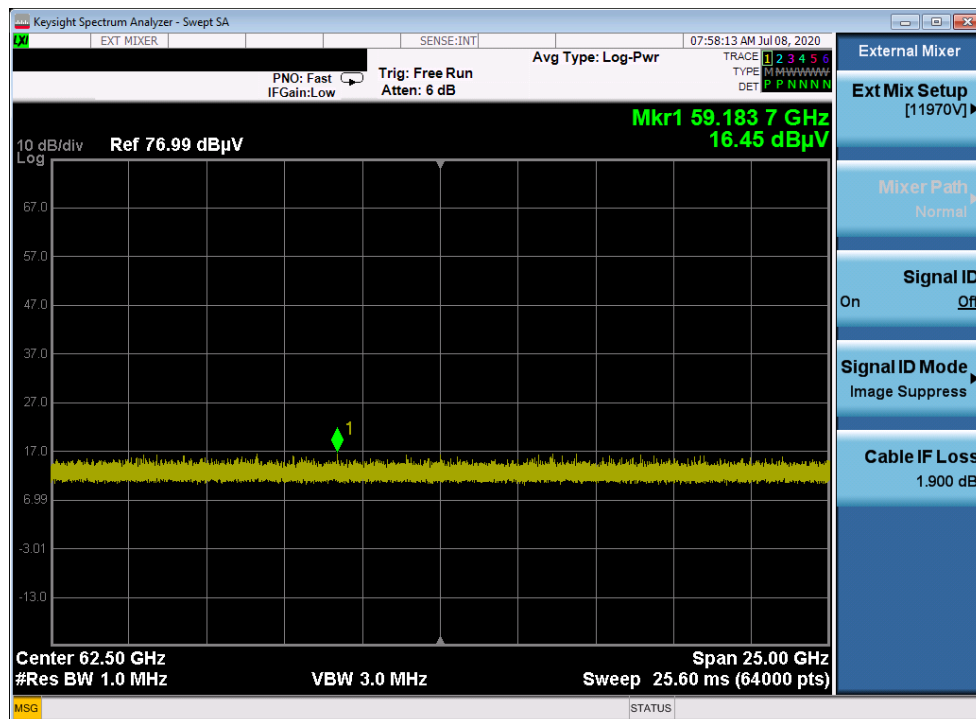
Radiated Spurious_50 - 75 GHz_MIMO UL_27550 MHz_p19c0009

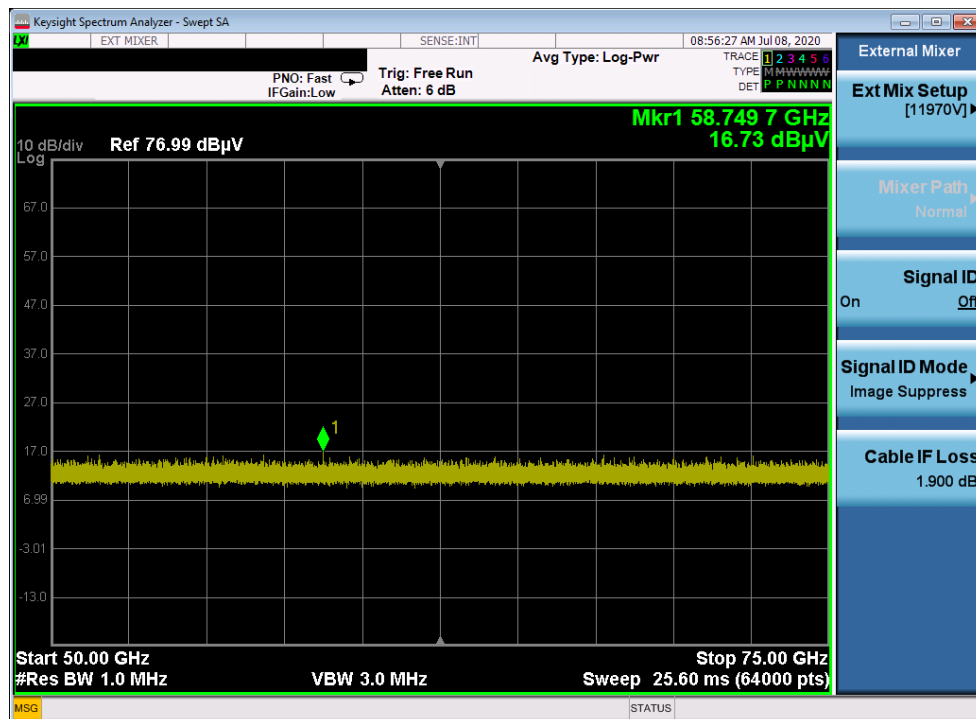
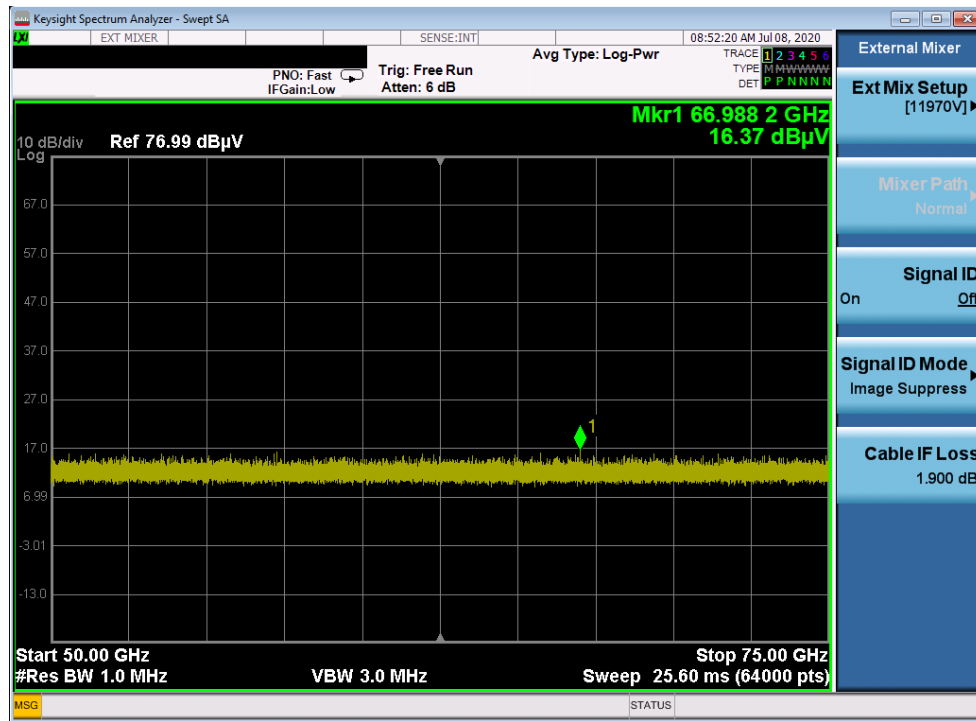


Radiated Spurious_50 - 75 GHz_MIMO UL_27925 MHz_p19c0009

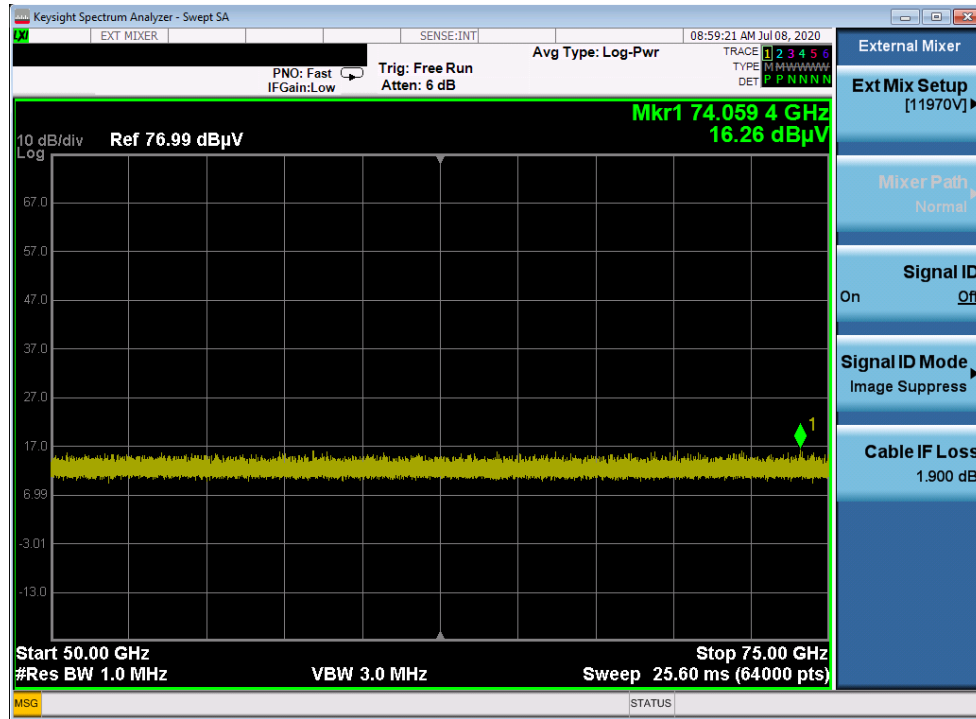


Radiated Spurious_50 - 75 GHz_MIMO UL_28300 MHz_p19c0009

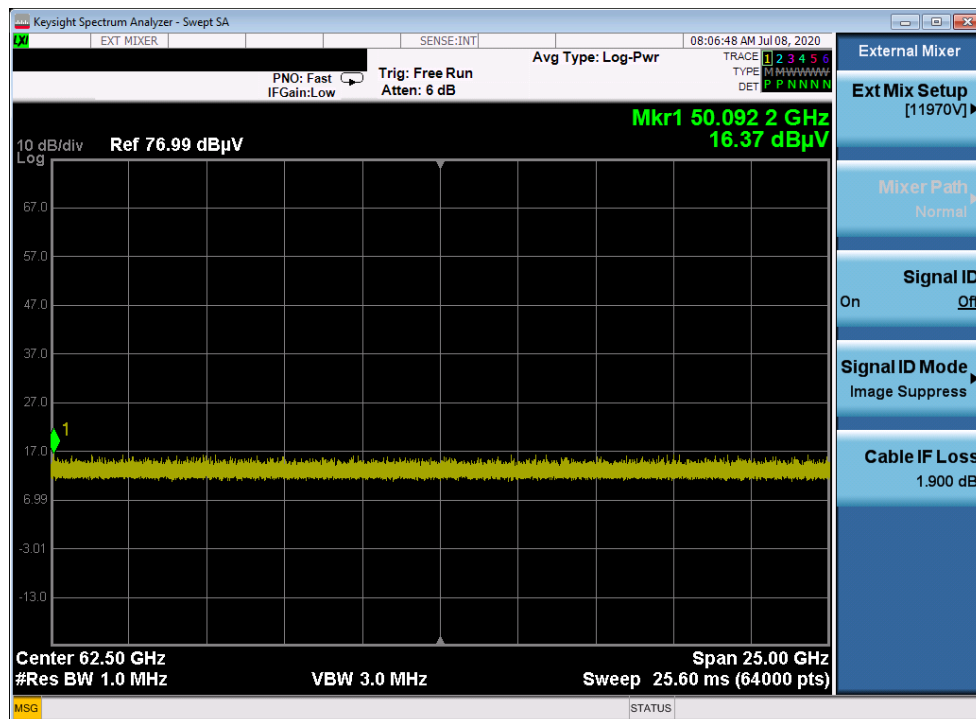




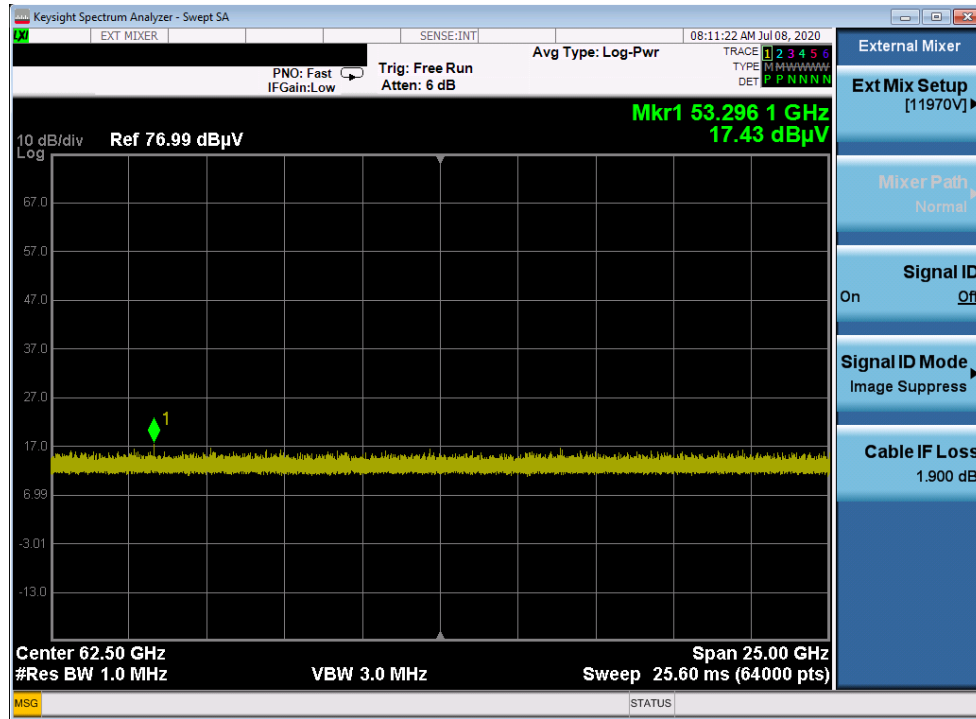
Radiated Spurious_50 - 75 GHz_SISO DL_28300 MHz_p19c0009



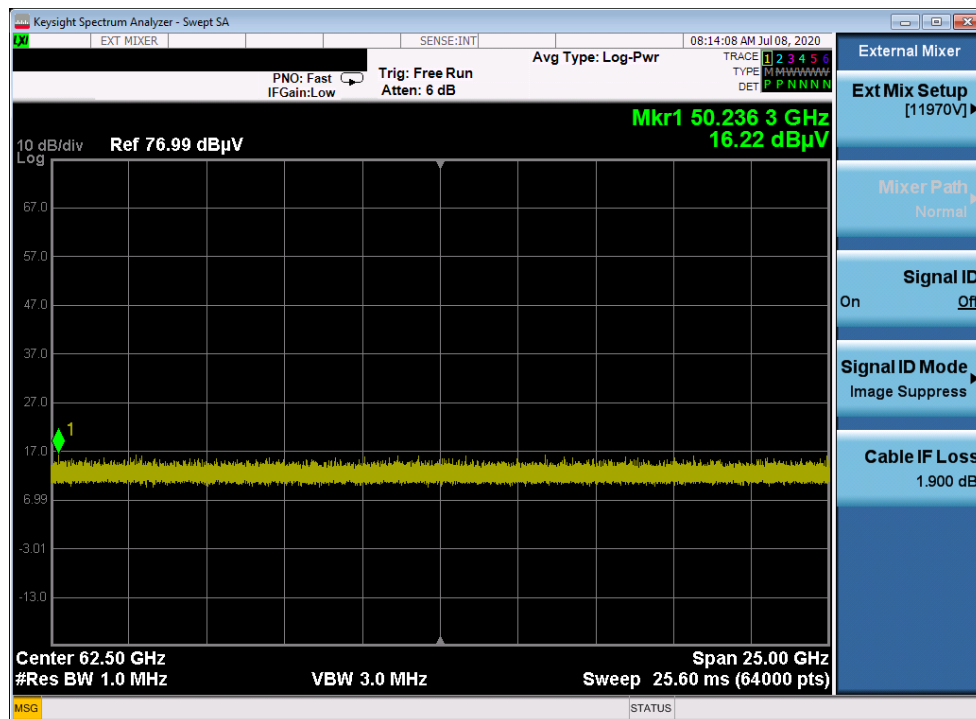
Radiated Spurious_50 - 75 GHz_SISO UL_27550 MHz_p19c0009

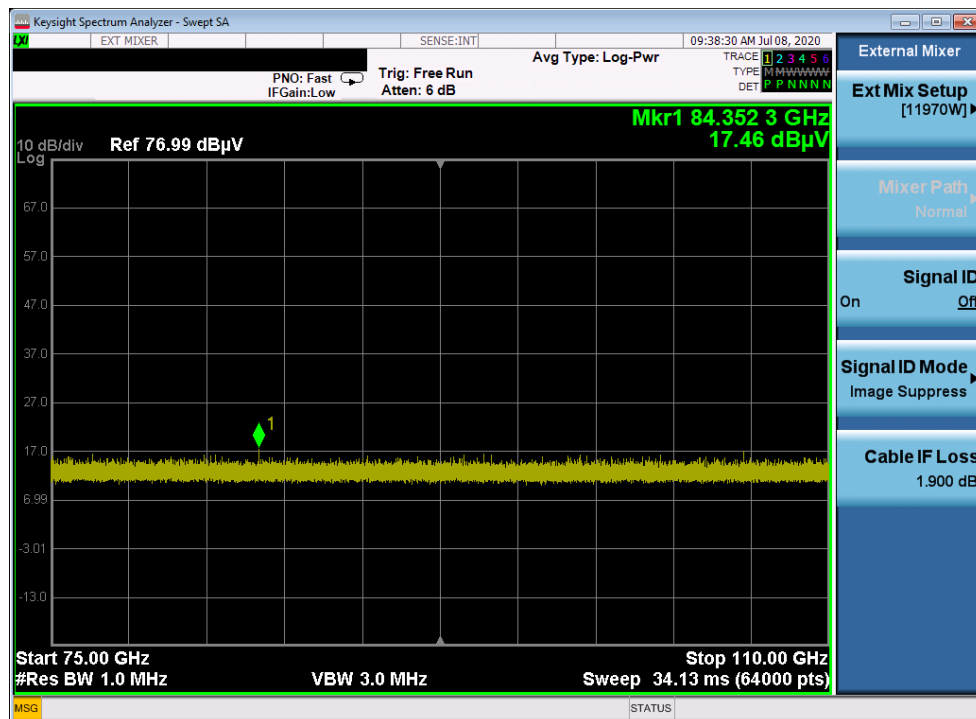
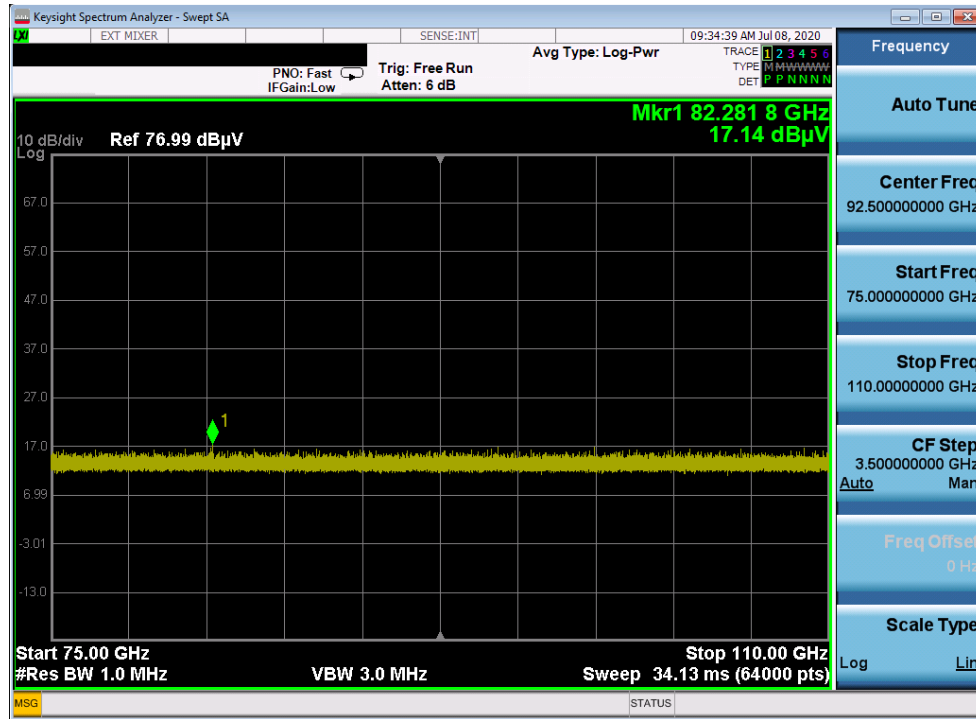


Radiated Spurious_50 - 75 GHz_SISO UL_27925 MHz_p19c0009

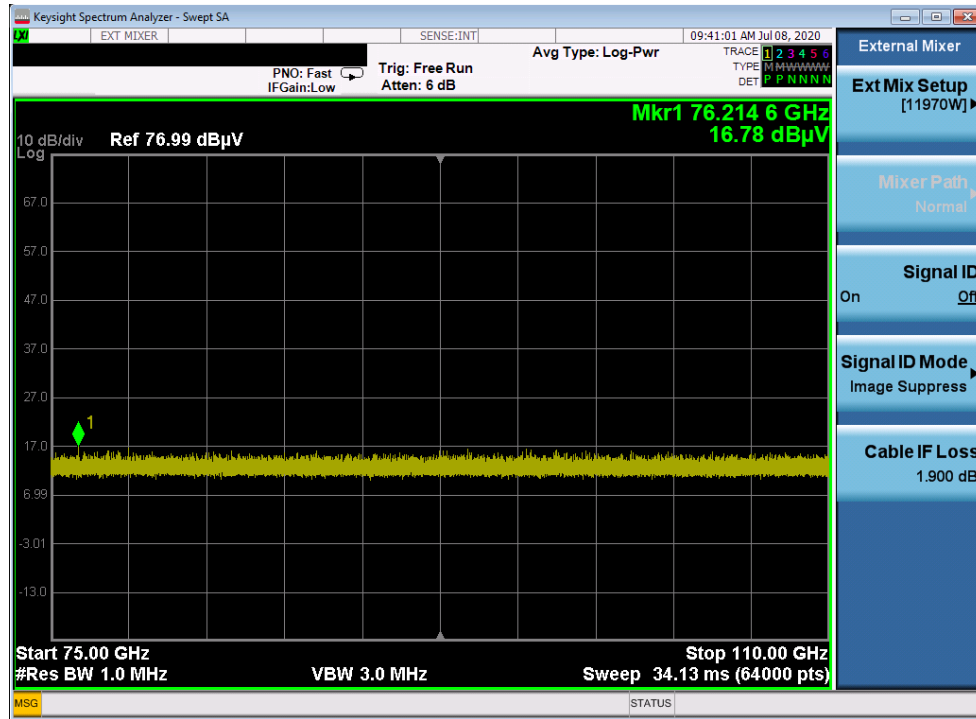


Radiated Spurious_50 - 75 GHz_SISO UL_28300 MHz_p19c0009

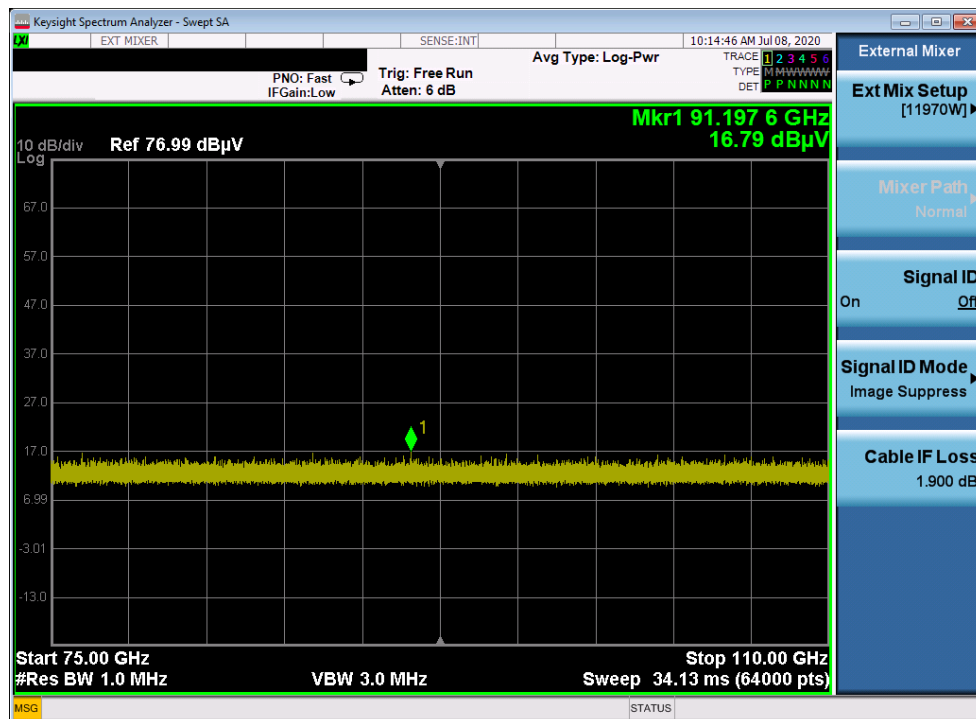




Radiated Spurious_75 - 110 GHz_MIMO DL_28300 MHz_p19c0009

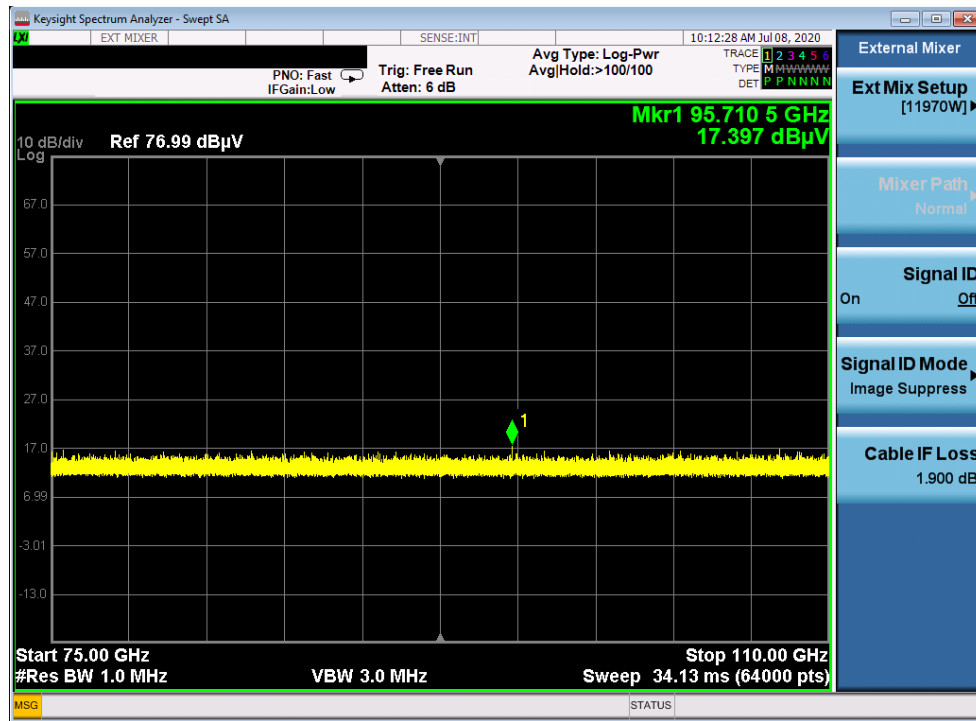


Radiated Spurious_75 - 110 GHz_MIMO UL_27550 MHz_p19c0009

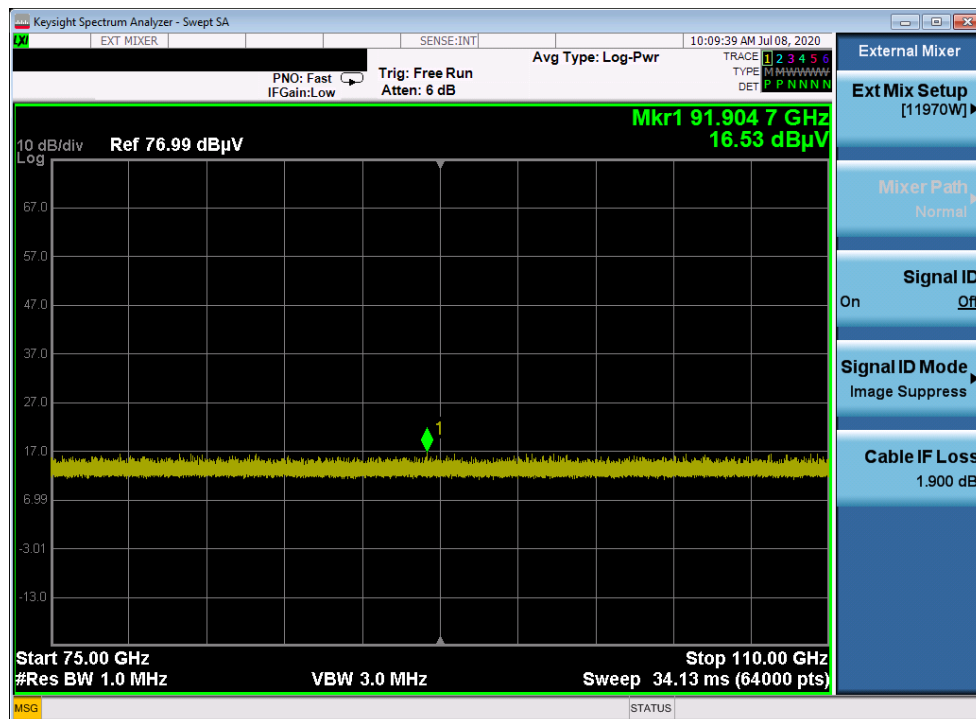


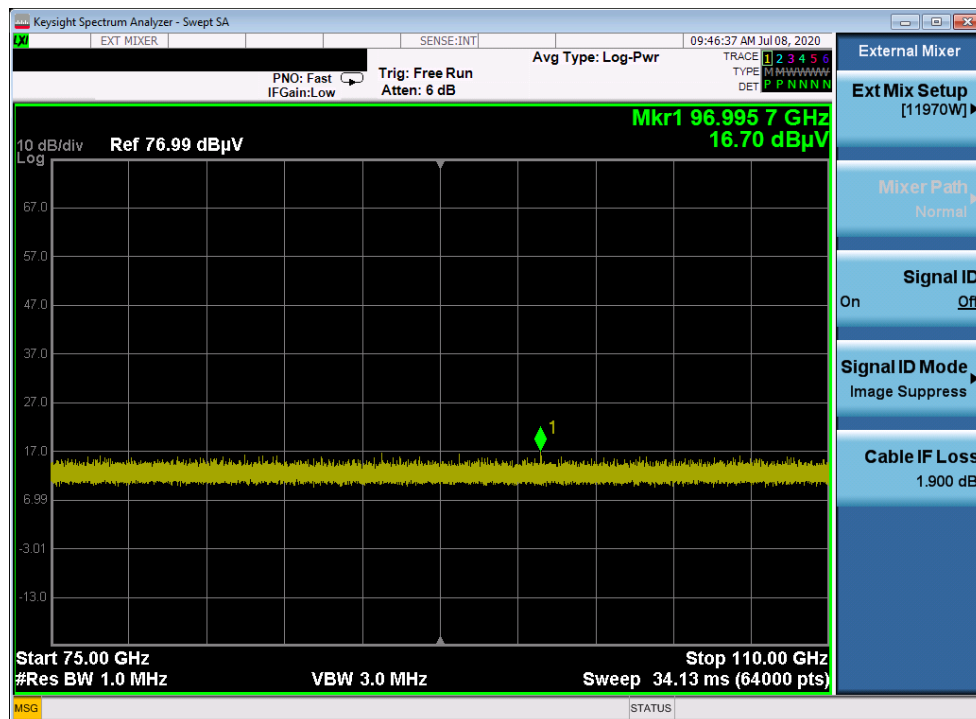
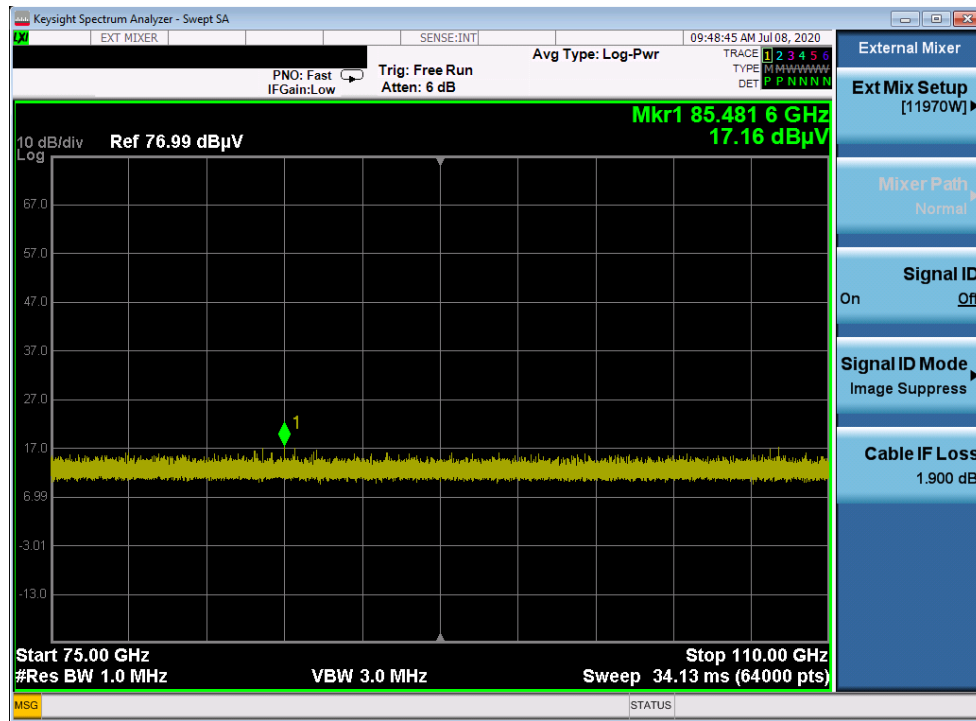


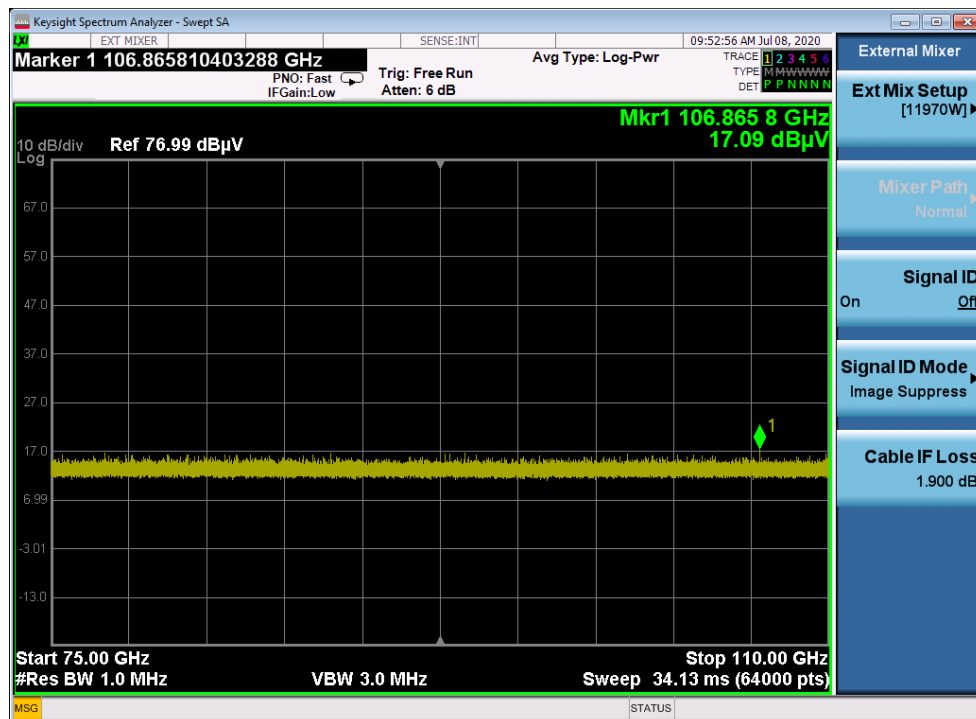
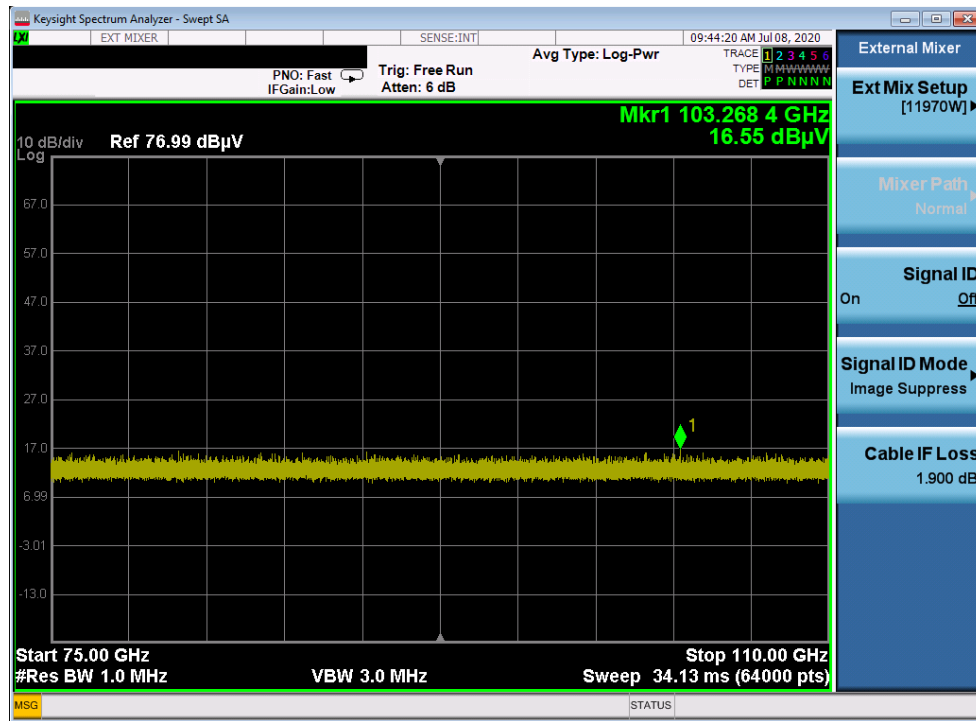
Radiated Spurious_75 - 110 GHz_MIMO UL_27925 MHz_p19c0009



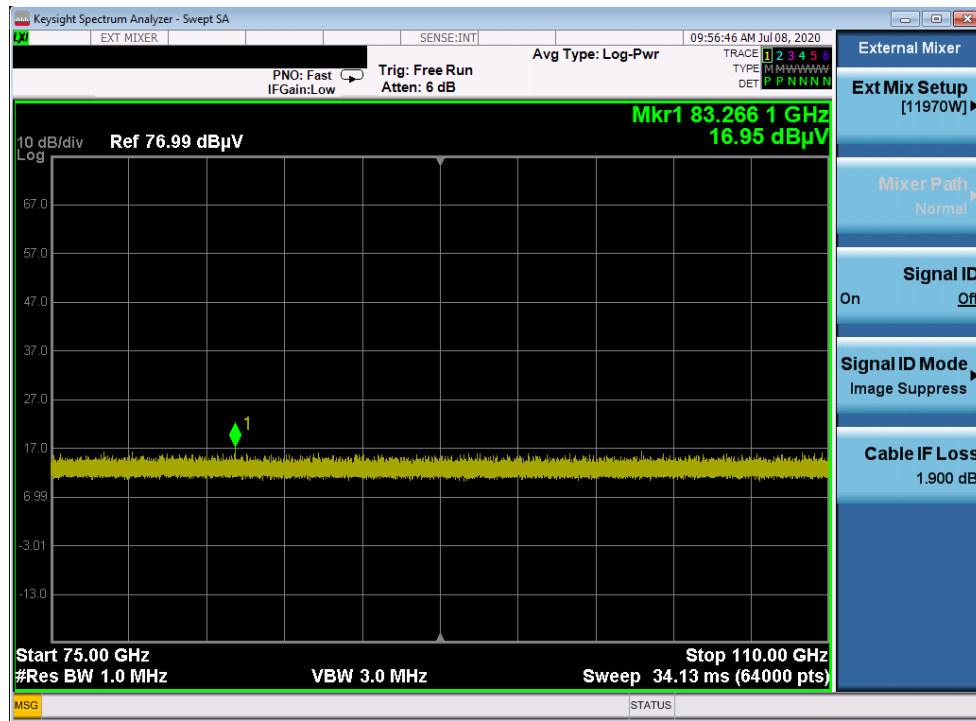
Radiated Spurious_75 - 110 GHz_MIMO UL_28300 MHz_p19c0009







Radiated Spurious_75 - 110 GHz_SISO UL_27925 MHz_p19c0009



Radiated Spurious_75 - 110 GHz_SISO UL_28300 MHz_p19c0009

