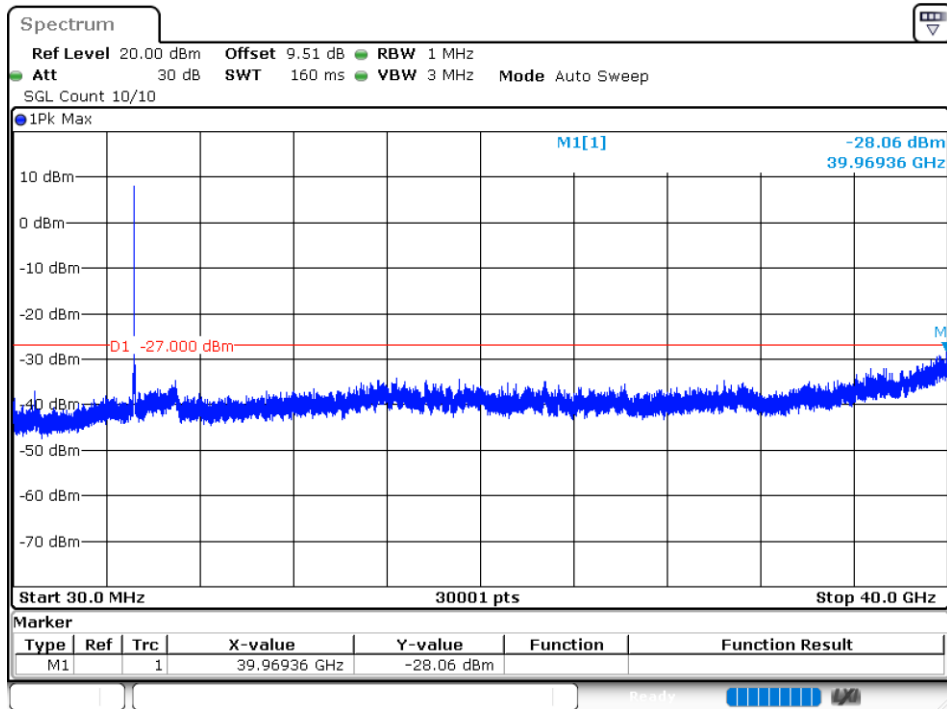
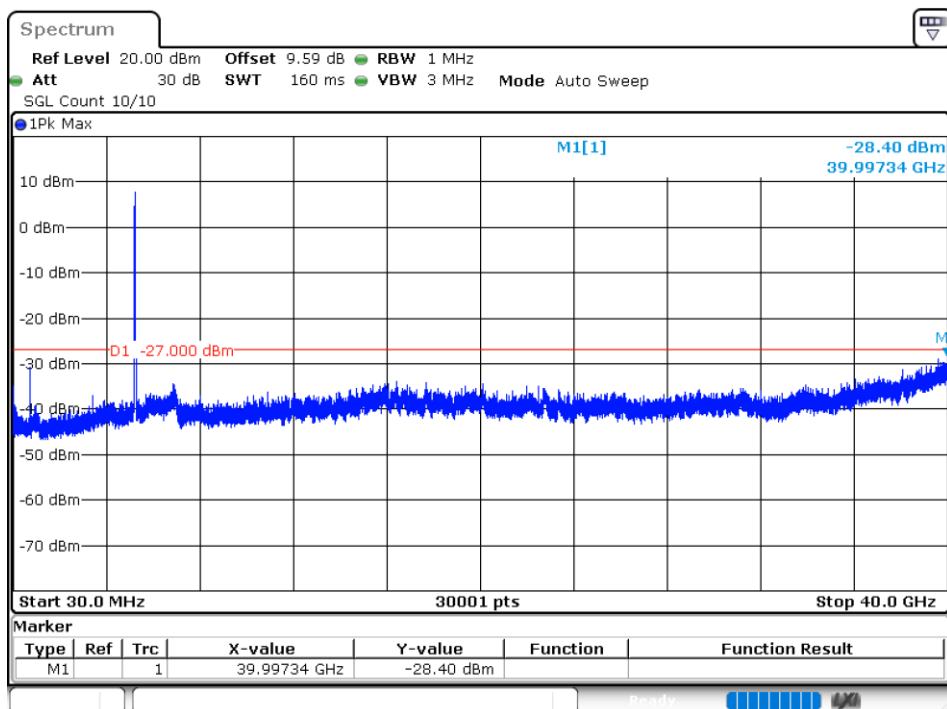


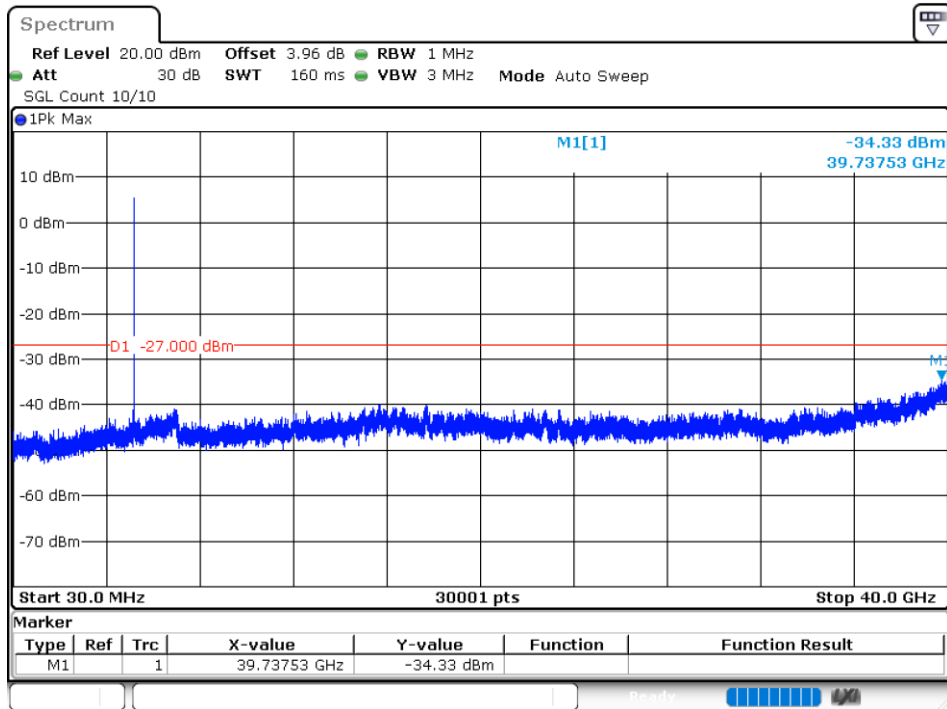
Tx. Spurious NVNT n40 5190MHz Ant2 Emission



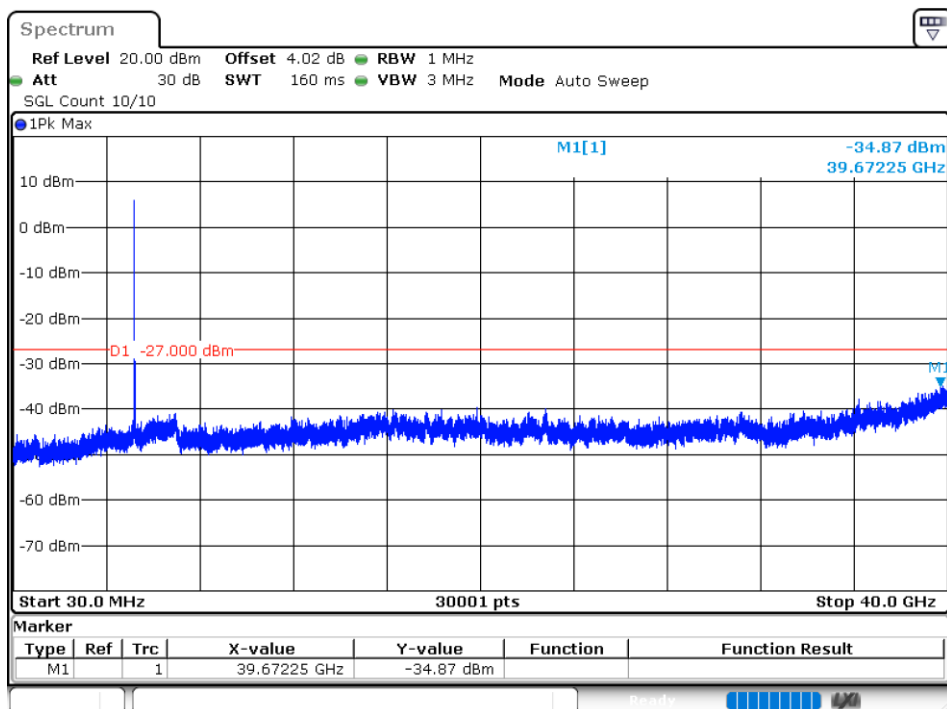
Tx. Spurious NVNT n40 5230MHz Ant2 Emission



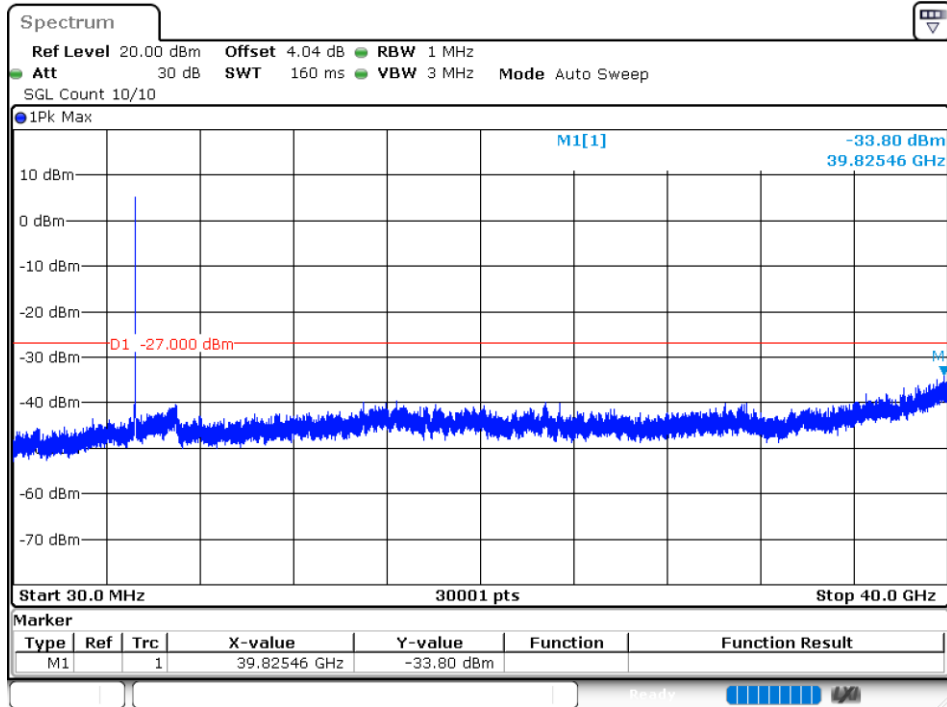
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



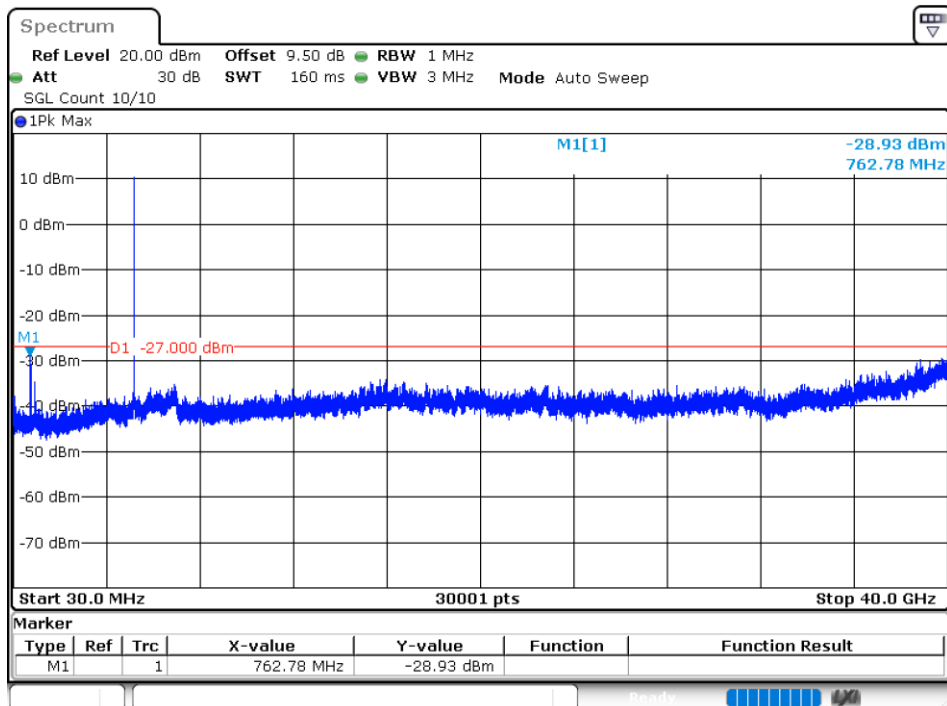
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



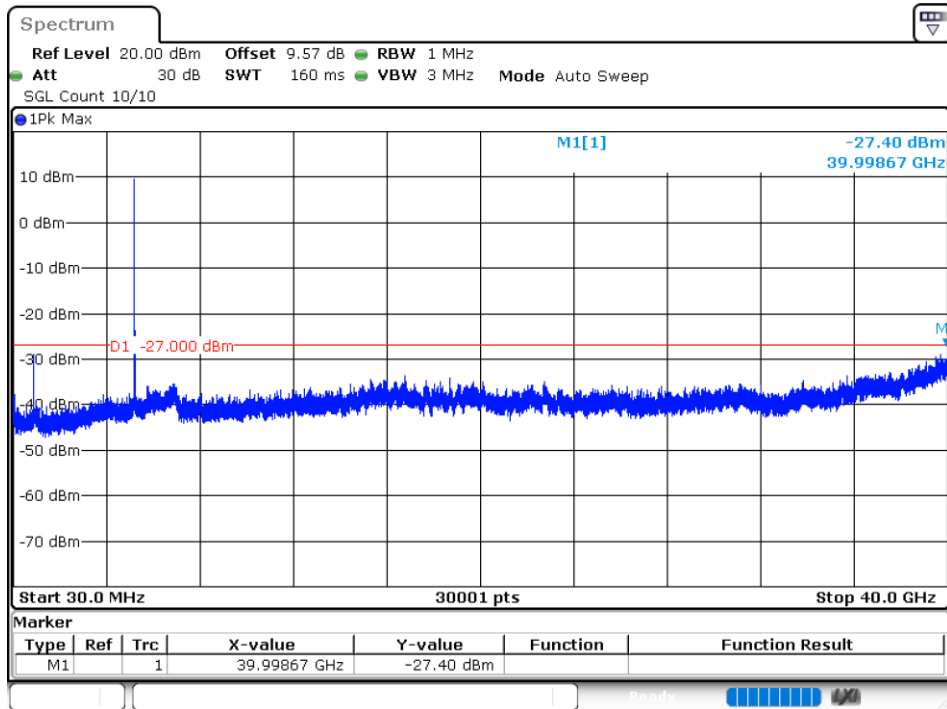
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



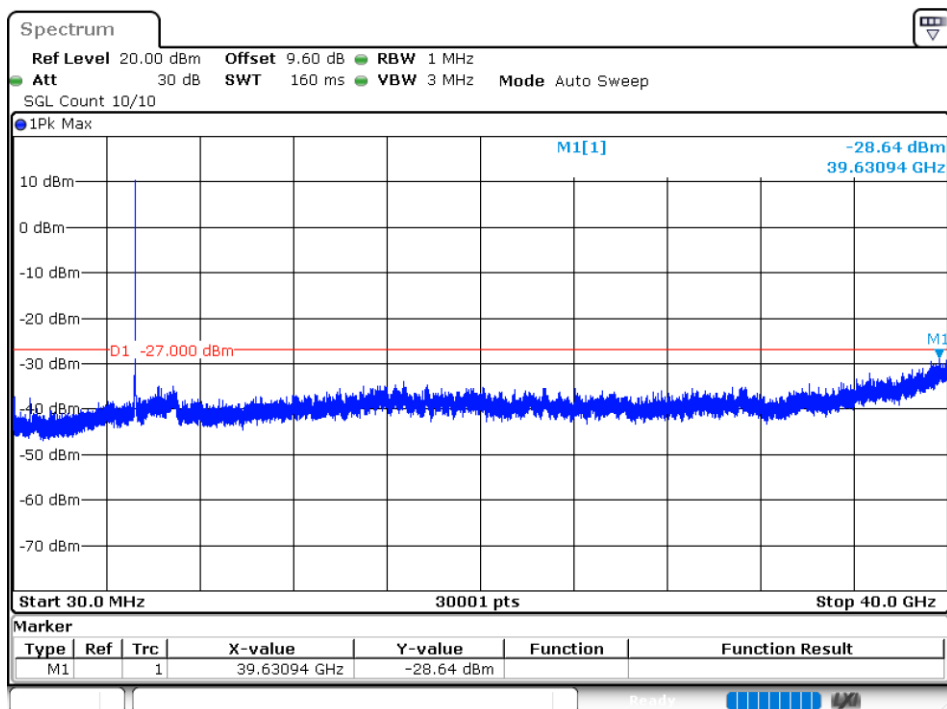
Tx. Spurious NVNT ac20 5180MHz Ant2 Emission



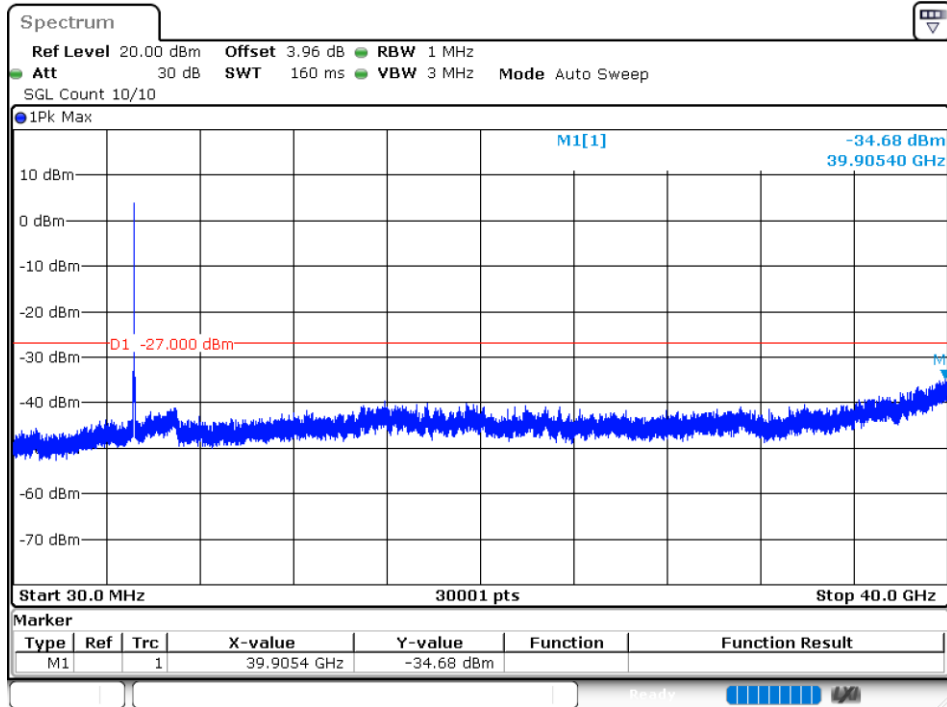
Tx. Spurious NVNT ac20 5200MHz Ant2 Emission



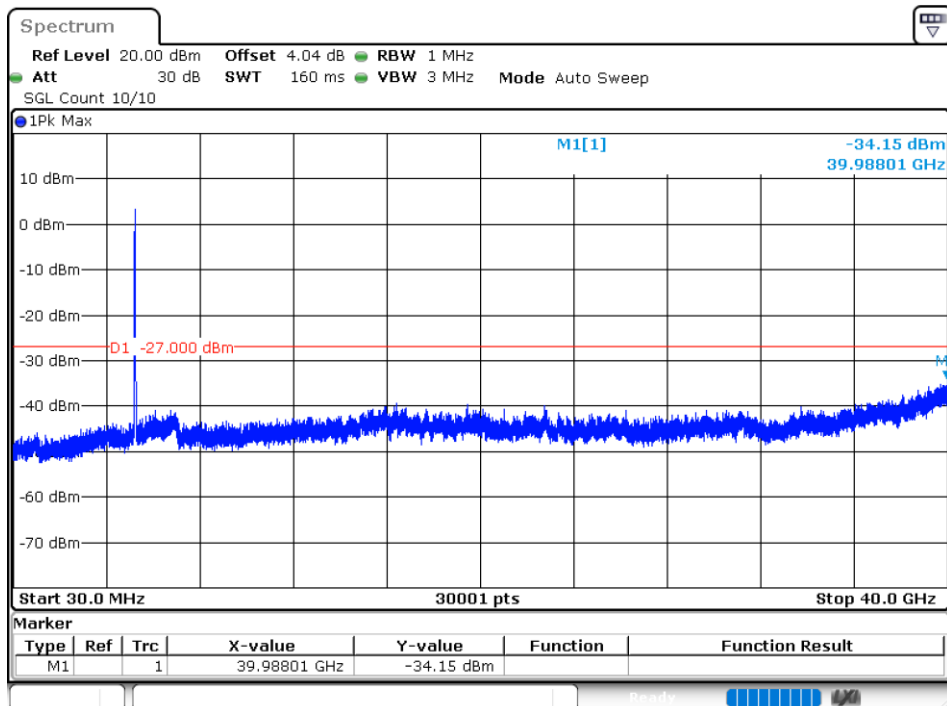
Tx. Spurious NVNT ac20 5240MHz Ant2 Emission



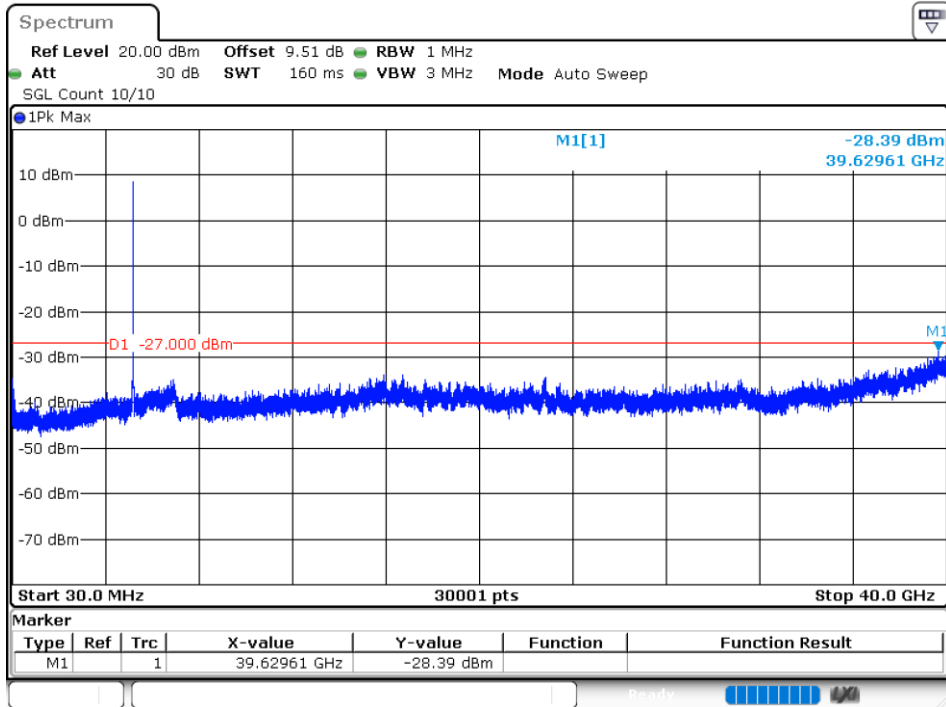
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



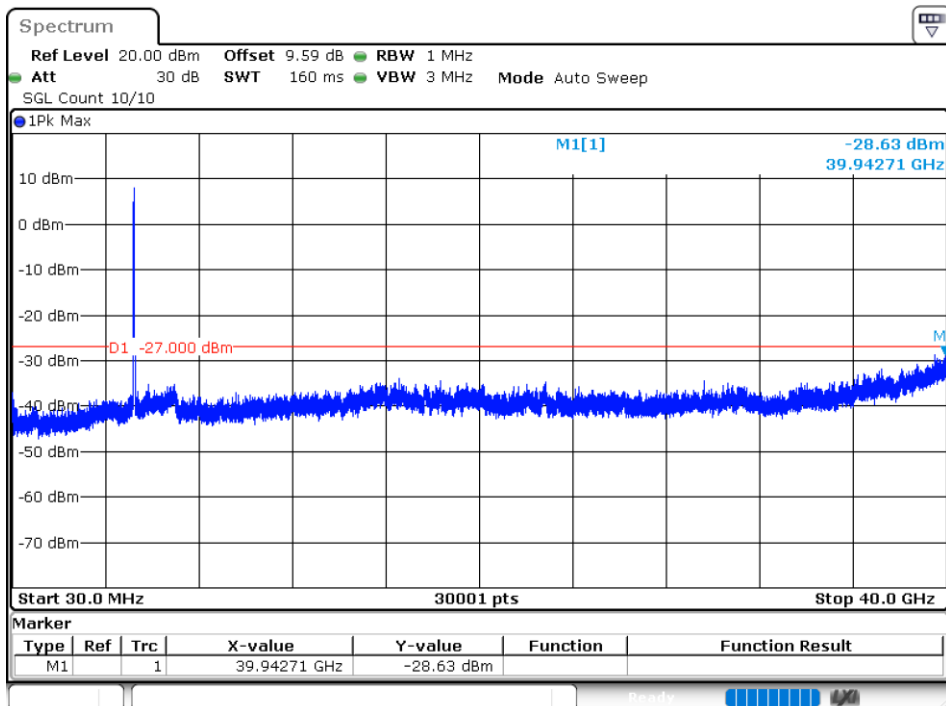
Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



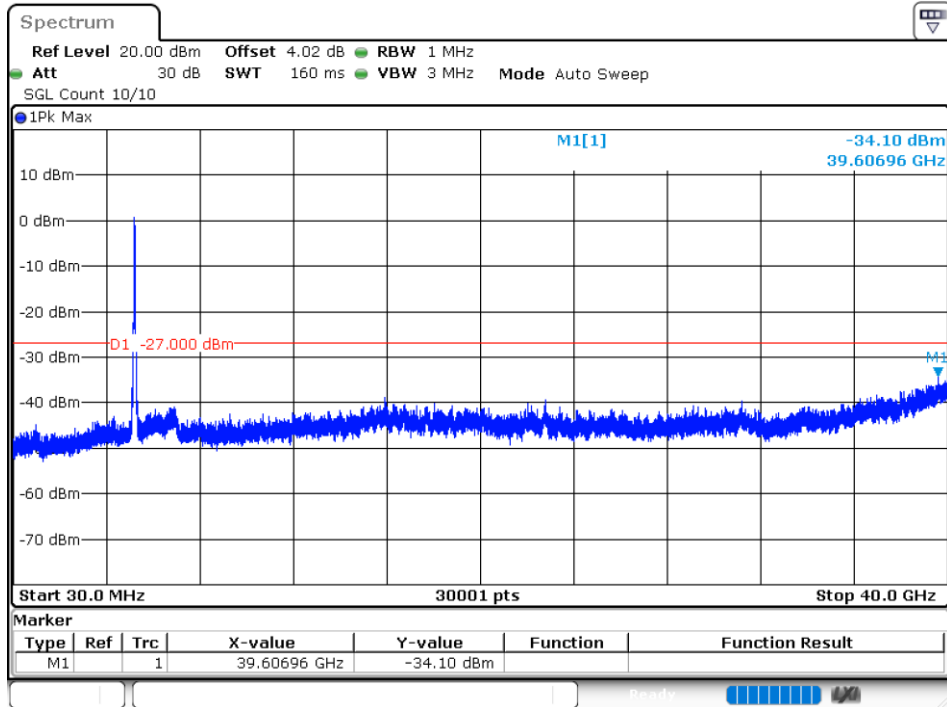
Tx. Spurious NVNT ac40 5190MHz Ant2 Emission



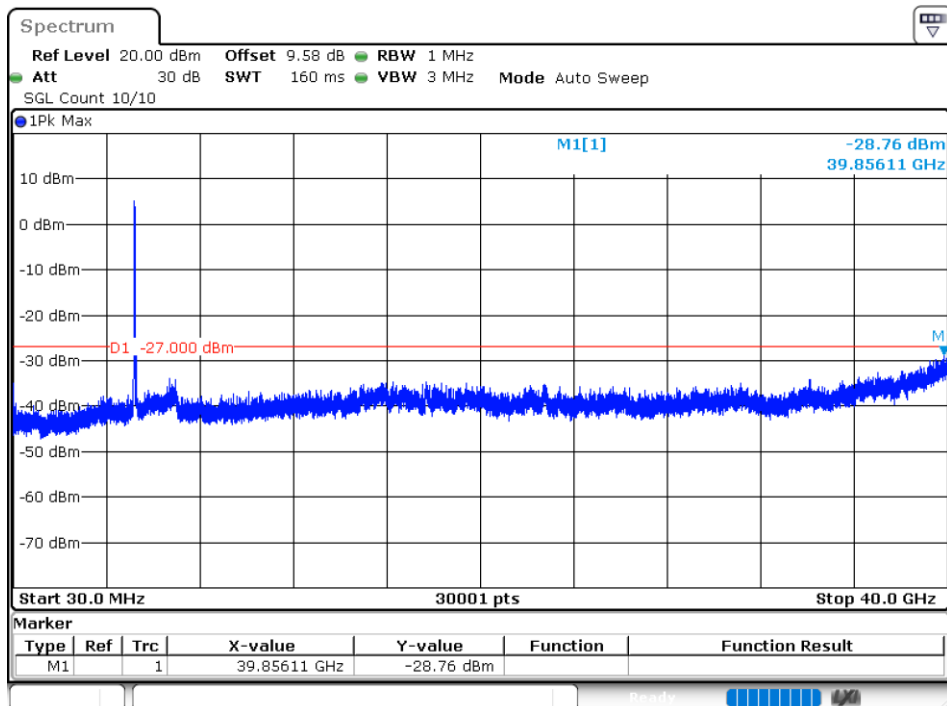
Tx. Spurious NVNT ac40 5230MHz Ant2 Emission



Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



Tx. Spurious NVNT ac80 5210MHz Ant2 Emission



5.2G WIFI-MIMO

Maximum Conducted Output Power

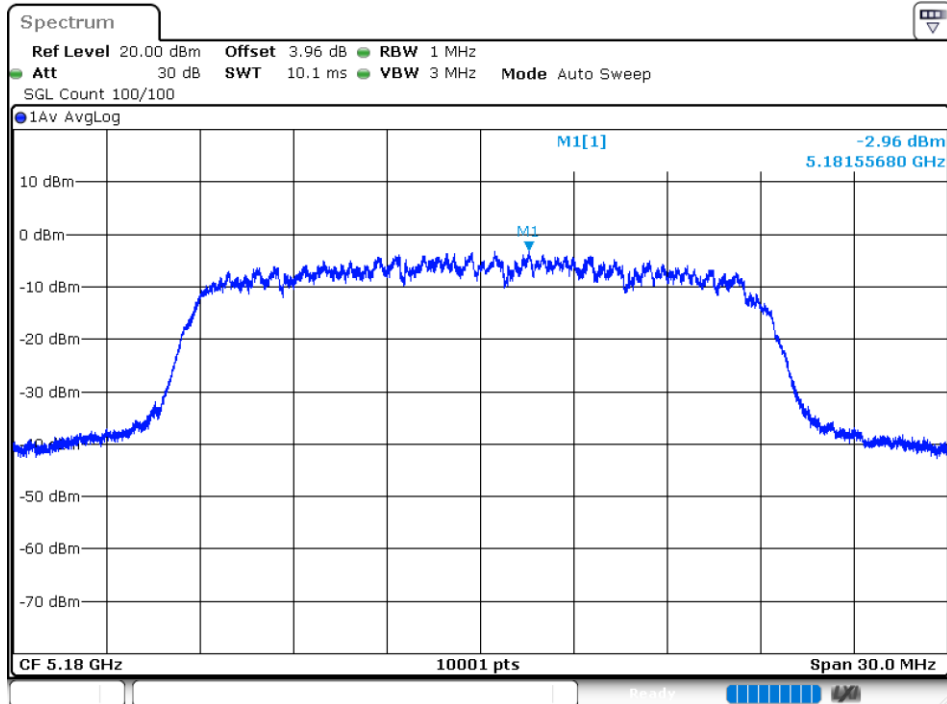
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5180	Ant1	9.07	24	Pass
NVNT	ac20	5180	Ant2	8.79	24	Pass
NVNT	ac20	5180	Sum	11.94	24	Pass
NVNT	ac20	5200	Ant1	9.23	24	Pass
NVNT	ac20	5200	Ant2	8.95	24	Pass
NVNT	ac20	5200	Sum	12.1	24	Pass
NVNT	ac20	5240	Ant1	9.6	24	Pass
NVNT	ac20	5240	Ant2	8.68	24	Pass
NVNT	ac20	5240	Sum	12.17	24	Pass
NVNT	ac40	5190	Ant1	9.29	24	Pass
NVNT	ac40	5190	Ant2	8.74	24	Pass
NVNT	ac40	5190	Sum	12.03	24	Pass
NVNT	ac40	5230	Ant1	9.64	24	Pass
NVNT	ac40	5230	Ant2	8.79	24	Pass
NVNT	ac40	5230	Sum	12.25	24	Pass
NVNT	ac80	5210	Ant1	9.28	24	Pass
NVNT	ac80	5210	Ant2	8.61	24	Pass
NVNT	ac80	5210	Sum	11.97	24	Pass
NVNT	n20	5180	Ant1	9.5	24	Pass
NVNT	n20	5180	Ant2	8.85	24	Pass
NVNT	n20	5180	Sum	12.2	24	Pass
NVNT	n20	5200	Ant1	9.37	24	Pass
NVNT	n20	5200	Ant2	9.03	24	Pass
NVNT	n20	5200	Sum	12.21	24	Pass
NVNT	n20	5240	Ant1	9.72	24	Pass
NVNT	n20	5240	Ant2	8.76	24	Pass
NVNT	n20	5240	Sum	12.28	24	Pass
NVNT	n40	5190	Ant1	9.6	24	Pass
NVNT	n40	5190	Ant2	8.8	24	Pass
NVNT	n40	5190	Sum	12.23	24	Pass
NVNT	n40	5230	Ant1	9.68	24	Pass
NVNT	n40	5230	Ant2	8.79	24	Pass
NVNT	n40	5230	Sum	12.27	24	Pass

Maximum Power Spectral Density Level

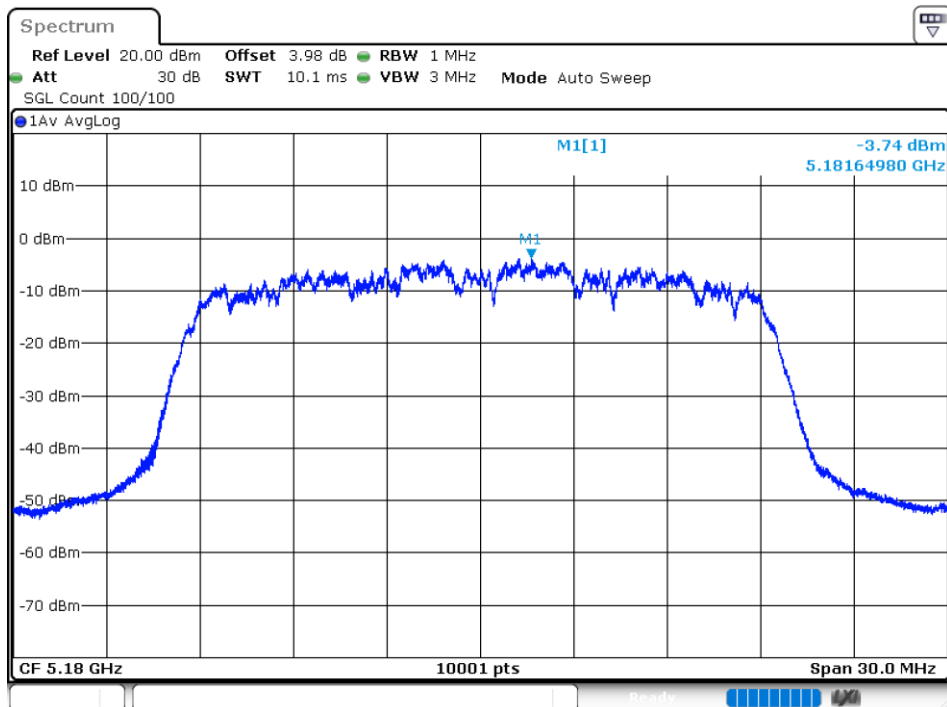
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5180	Ant1	-2.96	0.14	-2.82	5.73	Pass
NVNT	ac20	5180	Ant2	-3.74	0.14	-3.6	5.73	Pass
NVNT	ac20	5180	Sum	-0.32	0.14	-0.18	5.73	Pass
NVNT	ac20	5200	Ant1	-3.17	0.14	-3.03	5.73	Pass
NVNT	ac20	5200	Ant2	-4.48	0.14	-4.34	5.73	Pass
NVNT	ac20	5200	Sum	-0.77	0.14	-0.63	5.73	Pass
NVNT	ac20	5240	Ant1	-3.67	0.14	-3.53	5.73	Pass
NVNT	ac20	5240	Ant2	-5.17	0.14	-5.03	5.73	Pass
NVNT	ac20	5240	Sum	-1.35	0.14	-1.21	5.73	Pass
NVNT	ac40	5190	Ant1	-6.52	0.25	-6.27	5.73	Pass
NVNT	ac40	5190	Ant2	-8.11	0.25	-7.86	5.73	Pass
NVNT	ac40	5190	Sum	-4.23	0.25	-3.98	5.73	Pass
NVNT	ac40	5230	Ant1	-7.28	0.25	-7.03	5.73	Pass
NVNT	ac40	5230	Ant2	-8.75	0.25	-8.5	5.73	Pass
NVNT	ac40	5230	Sum	-4.94	0.25	-4.69	5.73	Pass
NVNT	ac80	5210	Ant1	-12.74	0.52	-12.22	5.73	Pass
NVNT	ac80	5210	Ant2	-12.72	0.52	-12.2	5.73	Pass
NVNT	ac80	5210	Sum	-9.72	0.52	-9.2	5.73	Pass
NVNT	n20	5180	Ant1	-2.86	0.14	-2.72	5.73	Pass
NVNT	n20	5180	Ant2	-4.04	0.14	-3.9	5.73	Pass
NVNT	n20	5180	Sum	-0.4	0.14	-0.26	5.73	Pass
NVNT	n20	5200	Ant1	-2.97	0.14	-2.83	5.73	Pass
NVNT	n20	5200	Ant2	-4.11	0.14	-3.97	5.73	Pass
NVNT	n20	5200	Sum	-0.49	0.14	-0.35	5.73	Pass
NVNT	n20	5240	Ant1	-4	0.14	-3.86	5.73	Pass
NVNT	n20	5240	Ant2	-4.45	0.14	-4.31	5.73	Pass
NVNT	n20	5240	Sum	-1.21	0.14	-1.07	5.73	Pass
NVNT	n40	5190	Ant1	-6.45	0.27	-6.18	5.73	Pass
NVNT	n40	5190	Ant2	-8.09	0.27	-7.82	5.73	Pass
NVNT	n40	5190	Sum	-4.18	0.27	-3.91	5.73	Pass
NVNT	n40	5230	Ant1	-8.75	0.27	-8.48	5.73	Pass
NVNT	n40	5230	Ant2	-9.71	0.27	-9.44	5.73	Pass
NVNT	n40	5230	Sum	-6.19	0.27	-5.92	5.73	Pass

Test Graphs

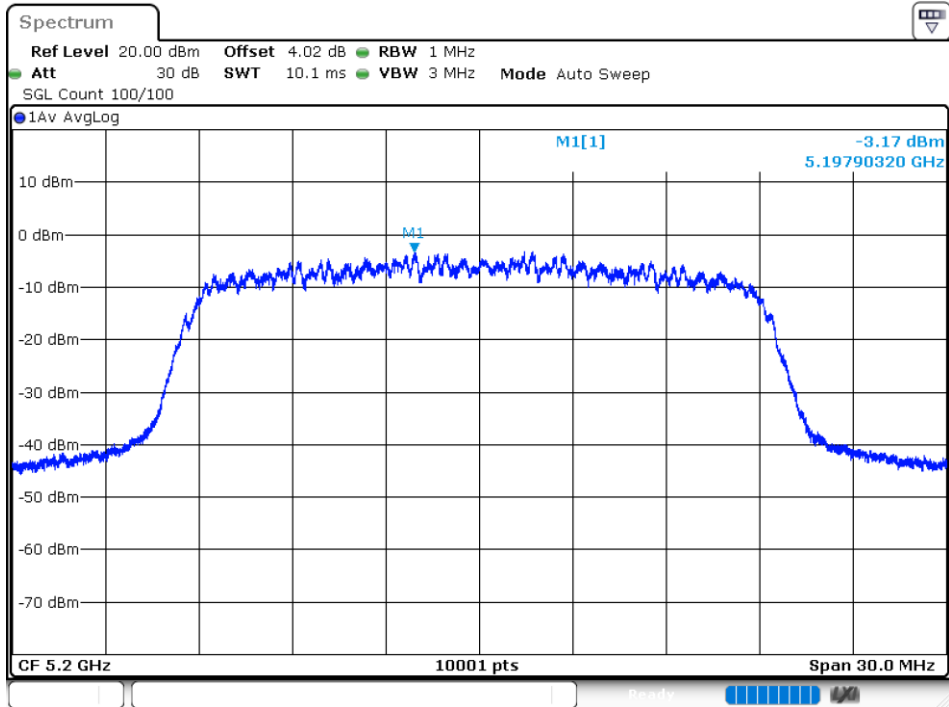
PSD NVNT ac20 5180MHz Ant1



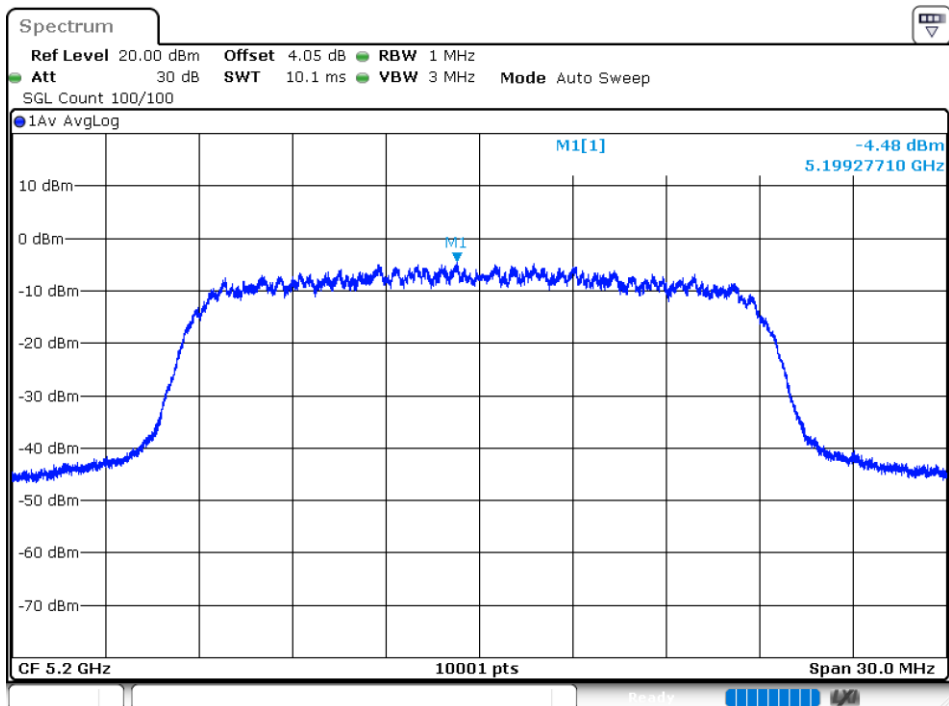
PSD NVNT ac20 5180MHz Ant2



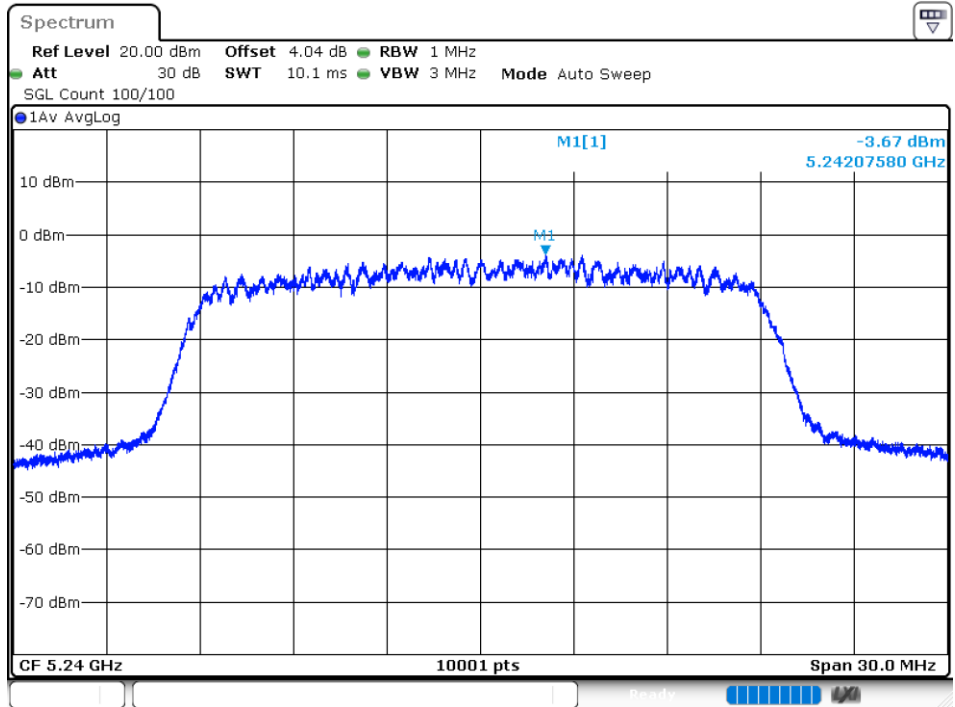
PSD NVNT ac20 5200MHz Ant1



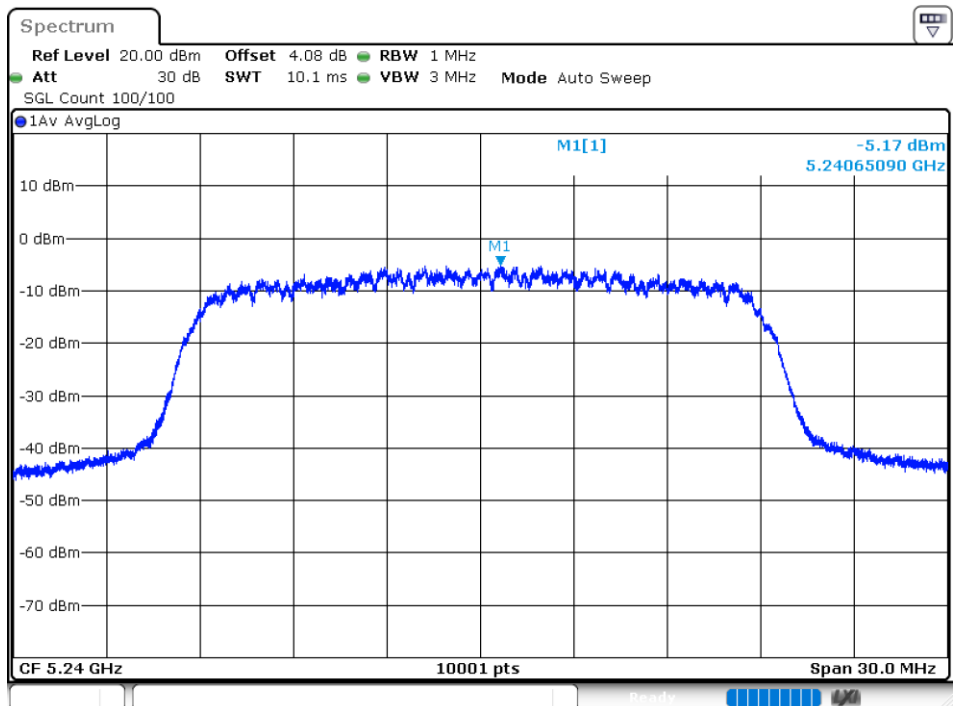
PSD NVNT ac20 5200MHz Ant2



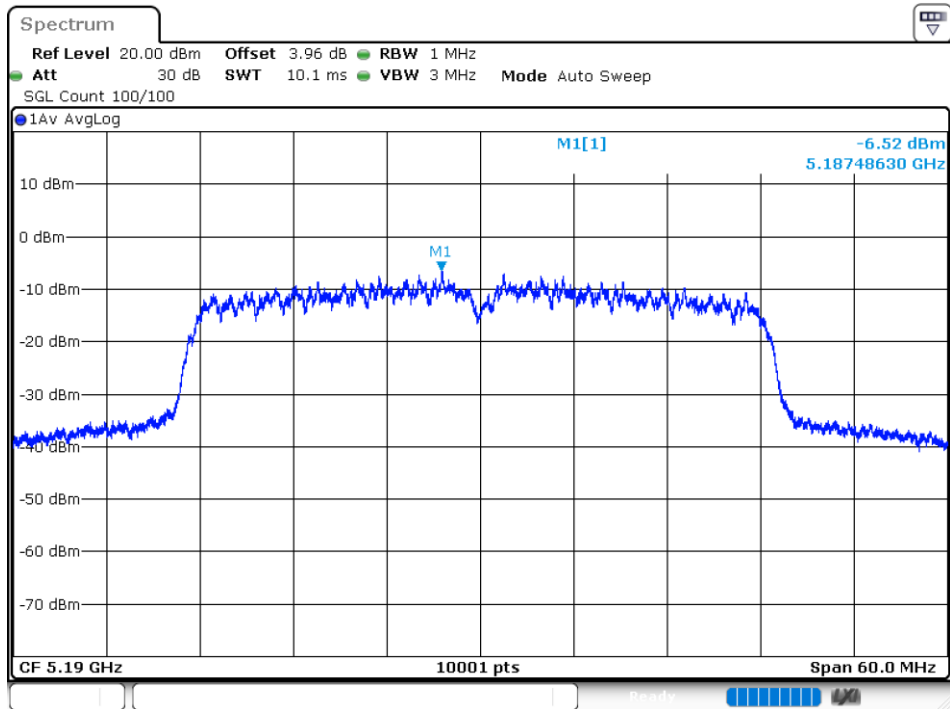
PSD NVNT ac20 5240MHz Ant1



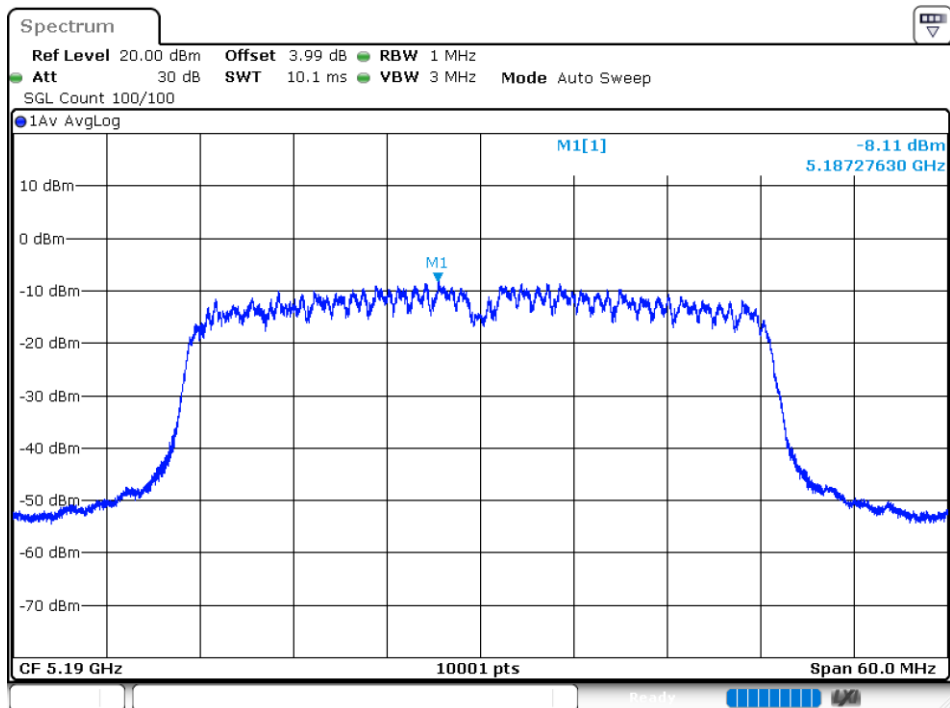
PSD NVNT ac20 5240MHz Ant2



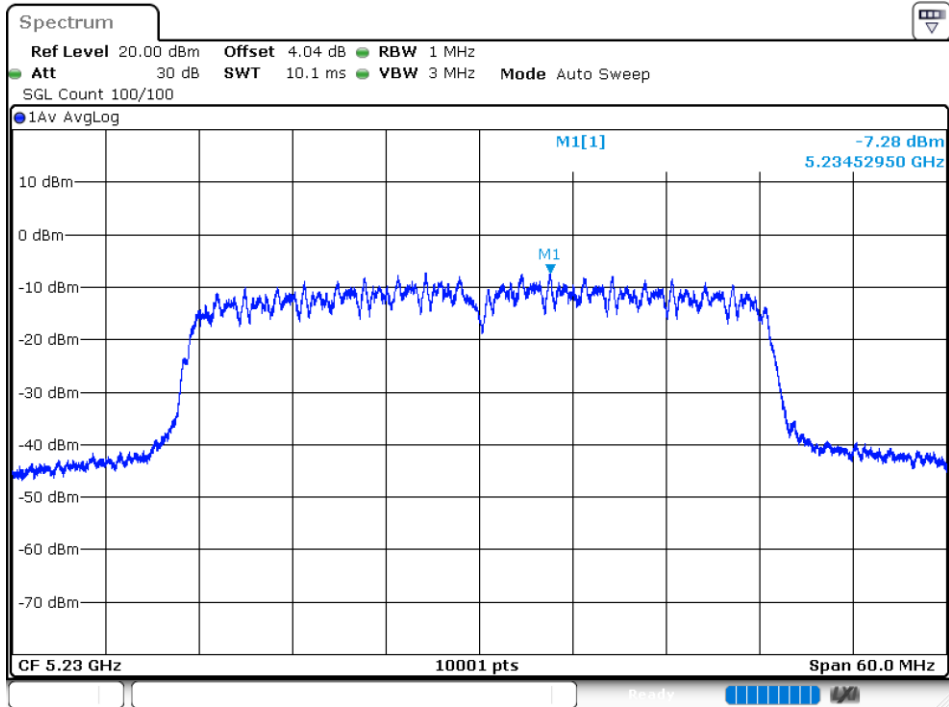
PSD NVNT ac40 5190MHz Ant1



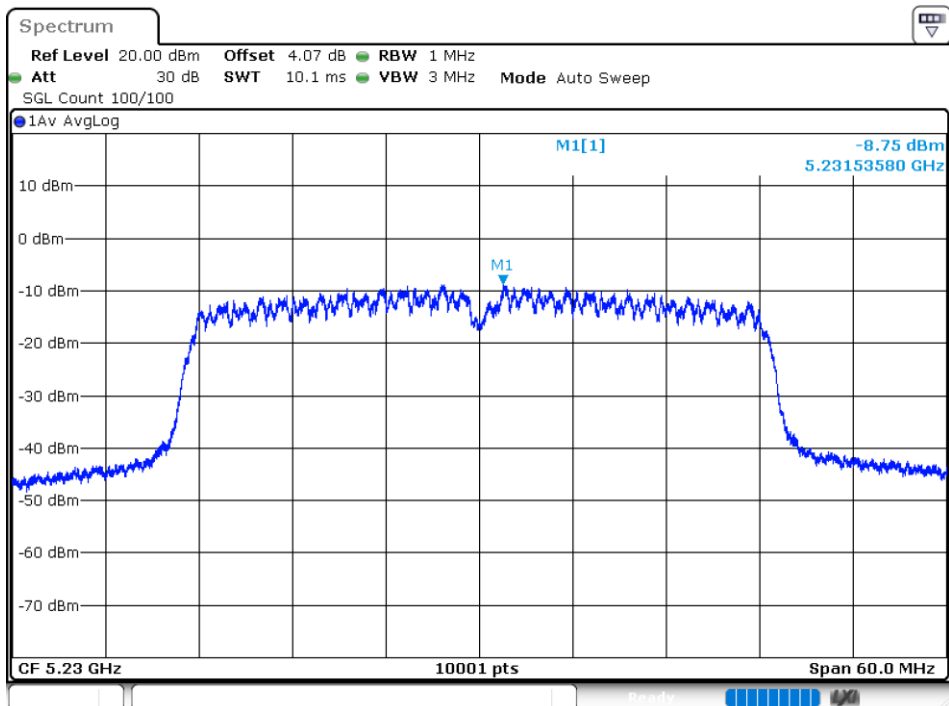
PSD NVNT ac40 5190MHz Ant2



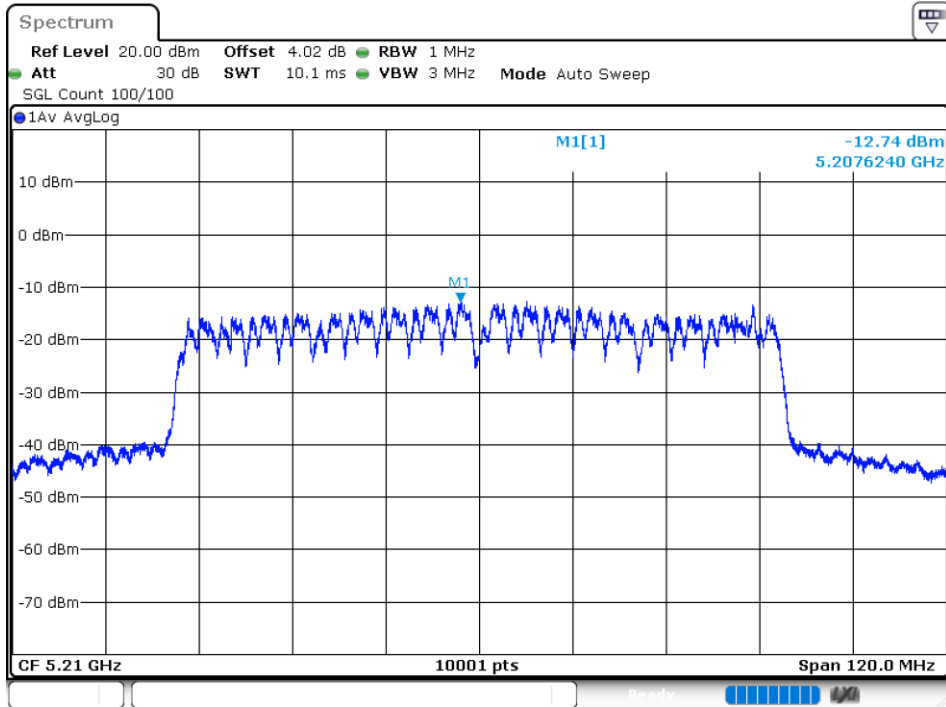
PSD NVNT ac40 5230MHz Ant1



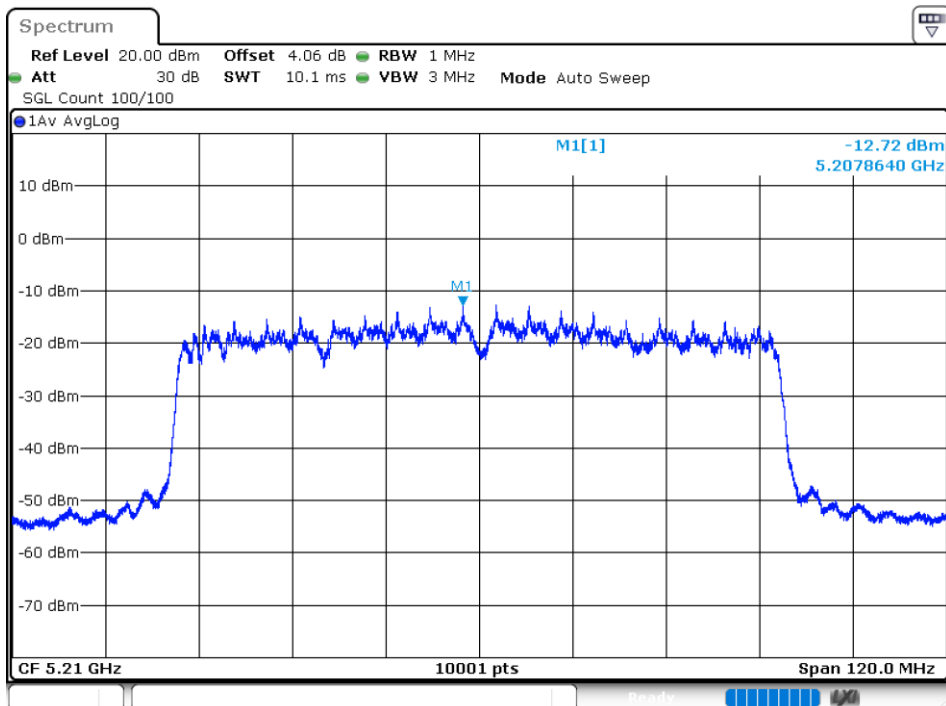
PSD NVNT ac40 5230MHz Ant2



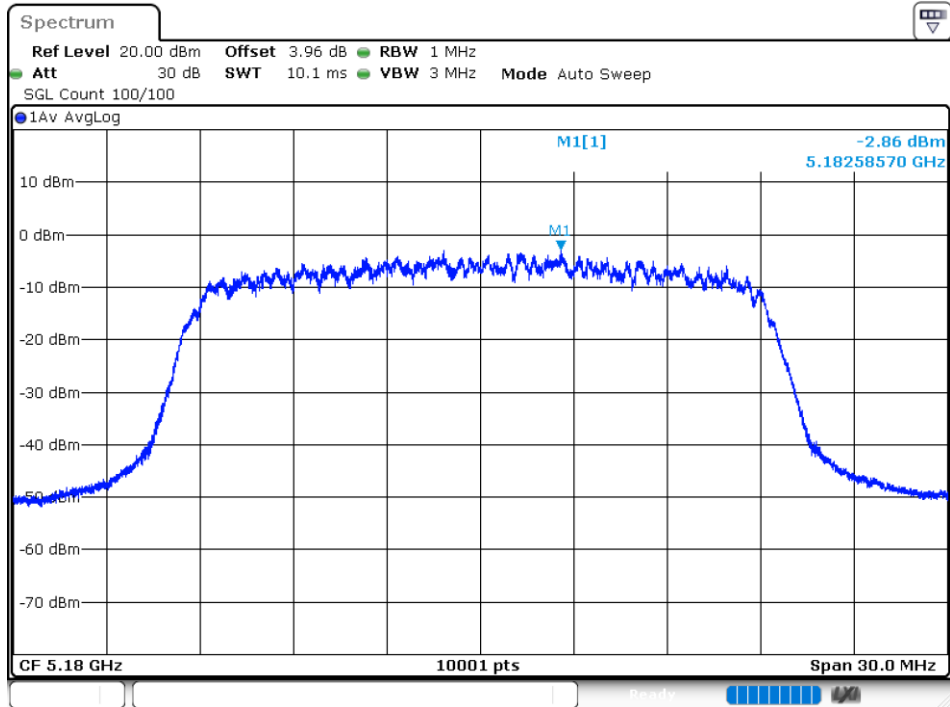
PSD NVNT ac80 5210MHz Ant1



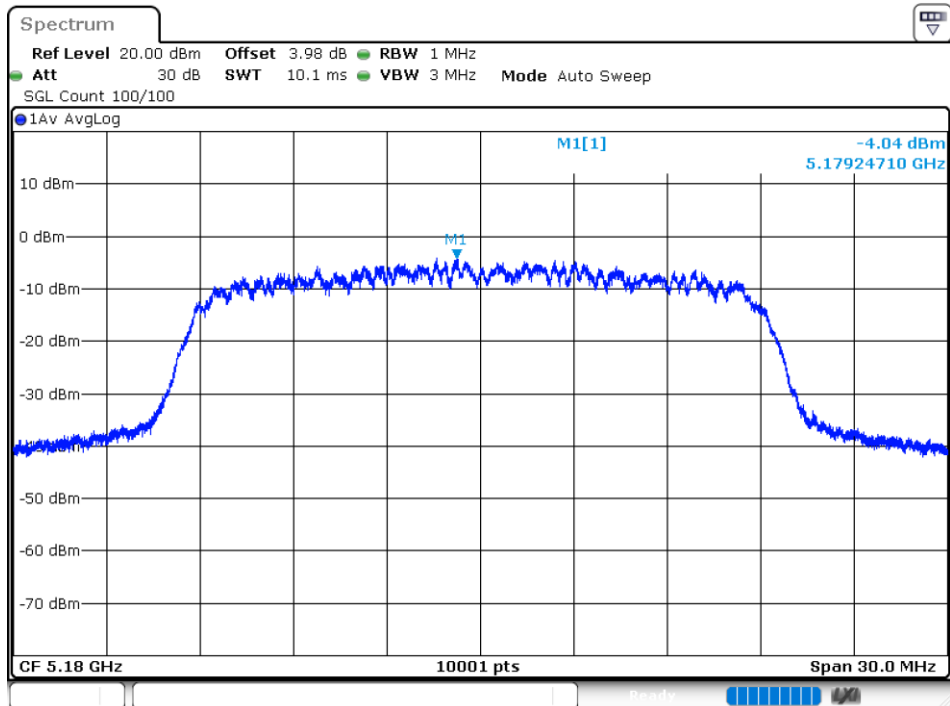
PSD NVNT ac80 5210MHz Ant2



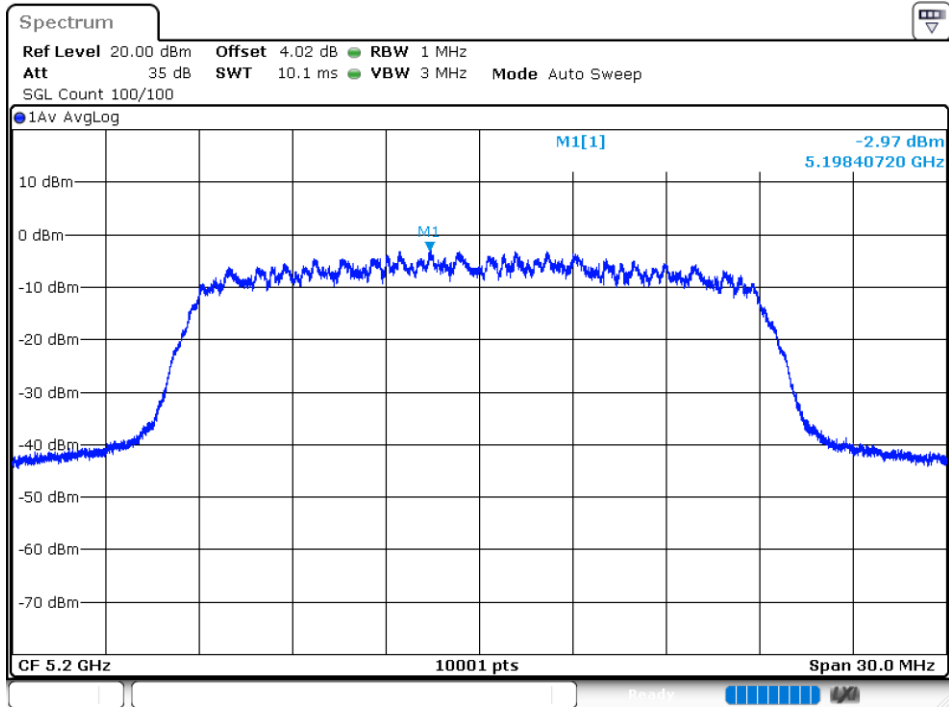
PSD NVNT n20 5180MHz Ant1



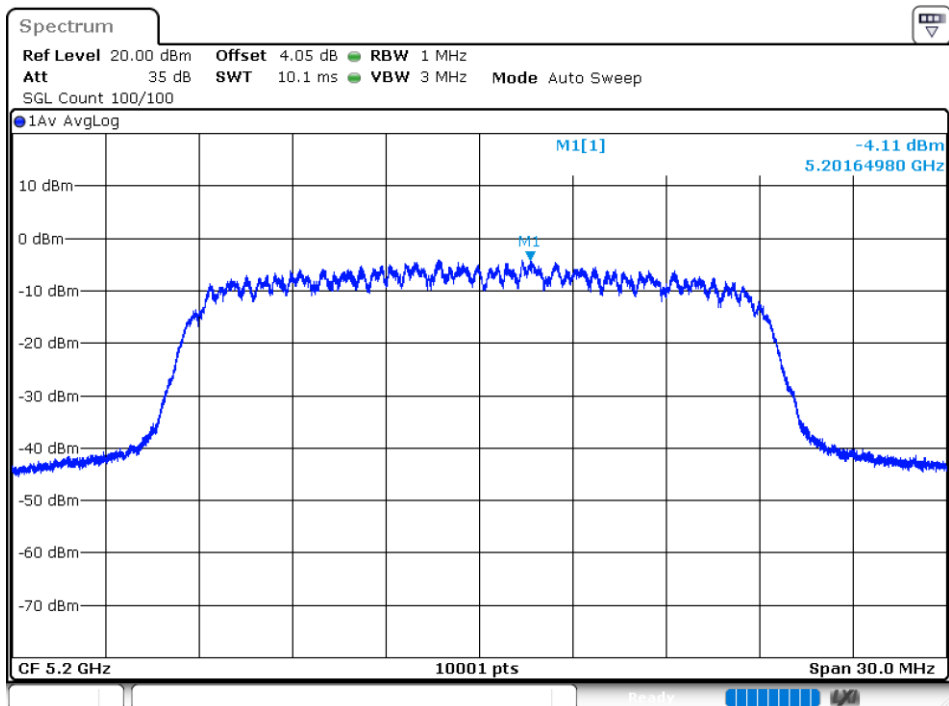
PSD NVNT n20 5180MHz Ant2



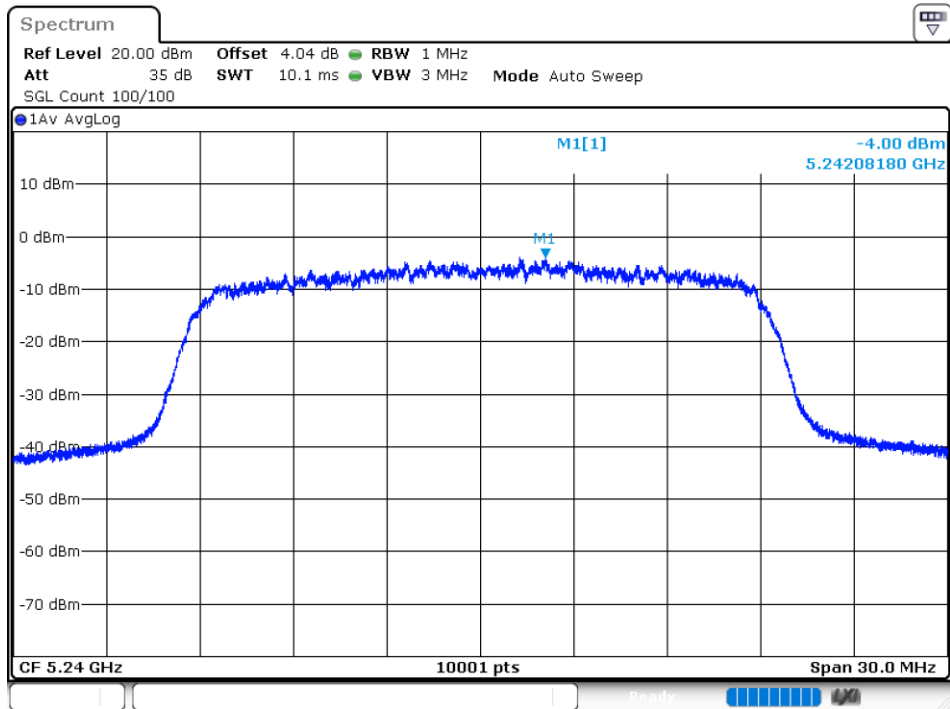
PSD NVNT n20 5200MHz Ant1



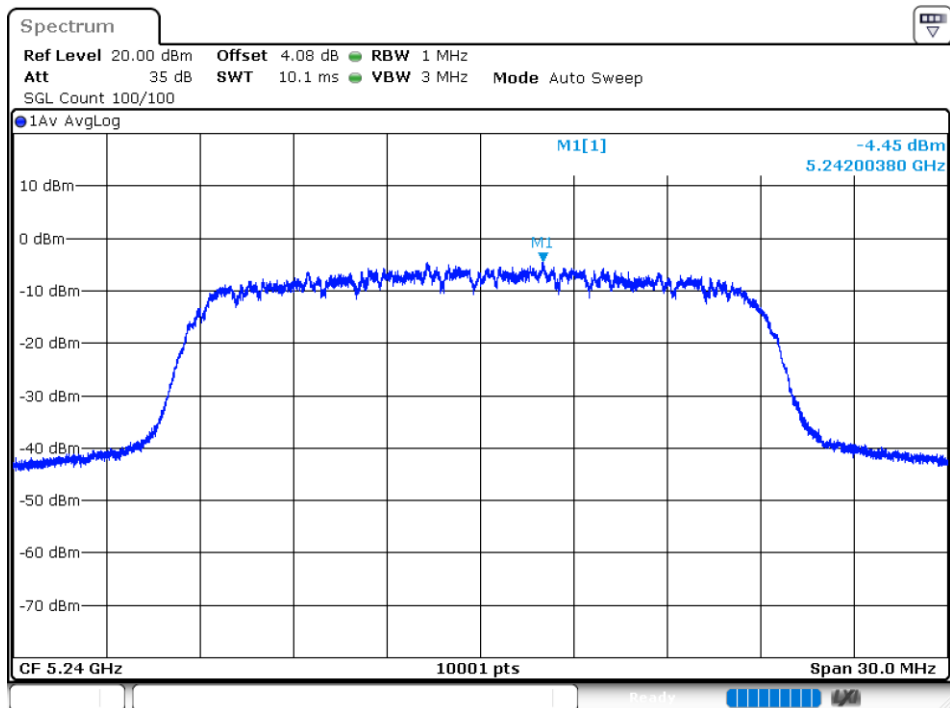
PSD NVNT n20 5200MHz Ant2



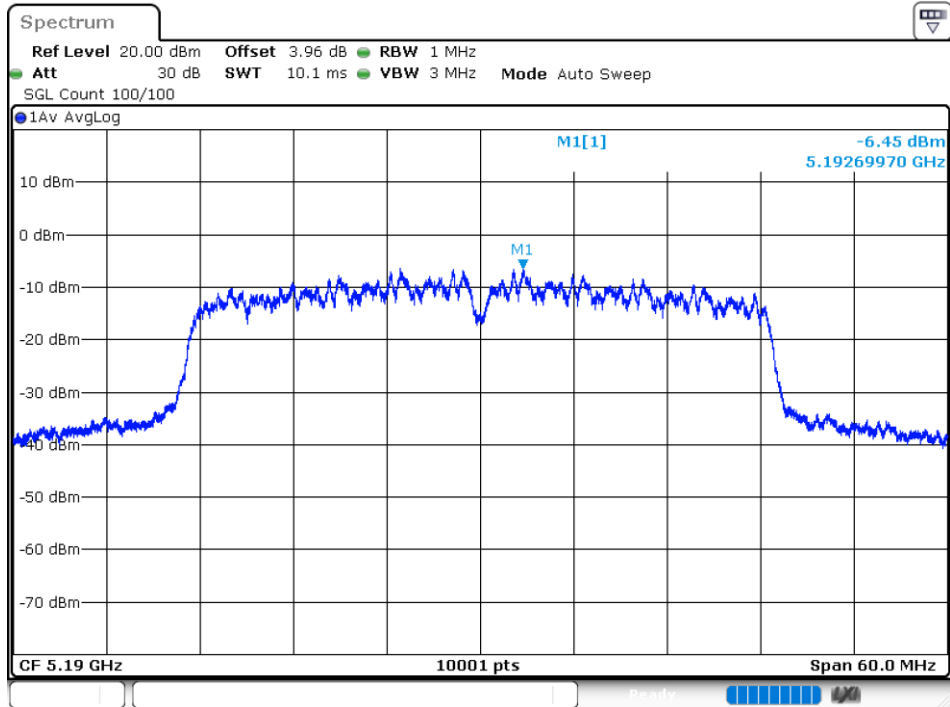
PSD NVNT n20 5240MHz Ant1



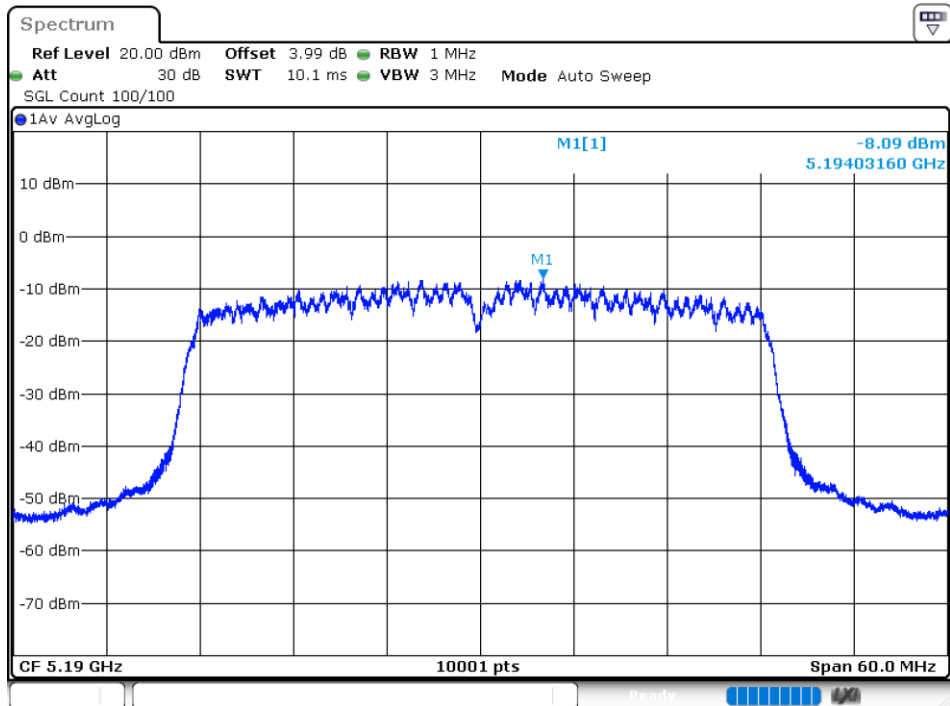
PSD NVNT n20 5240MHz Ant2



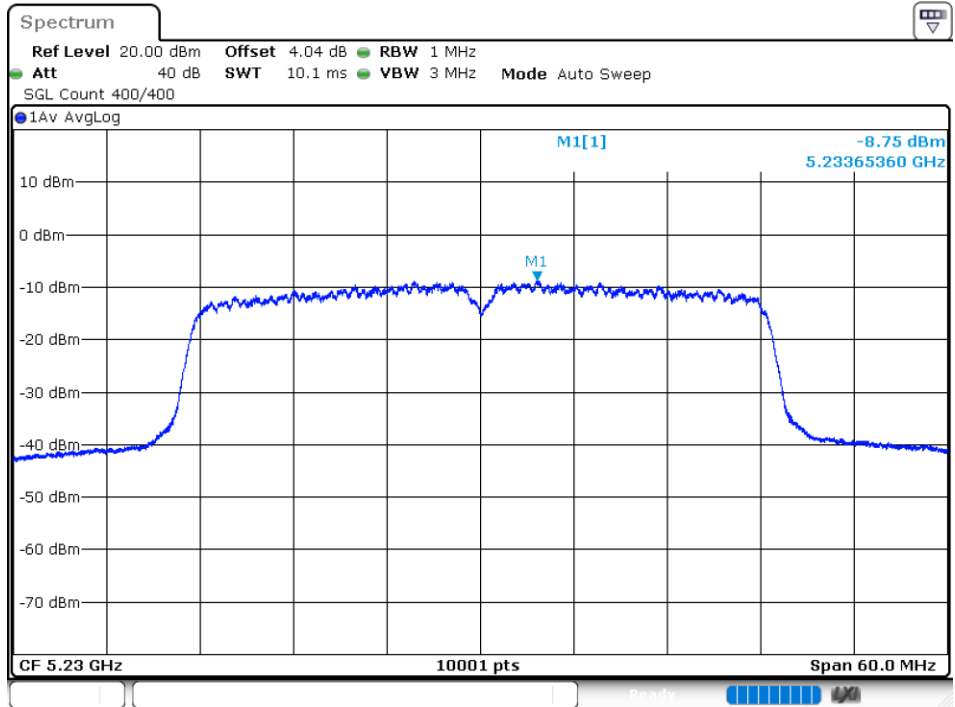
PSD NVNT n40 5190MHz Ant1



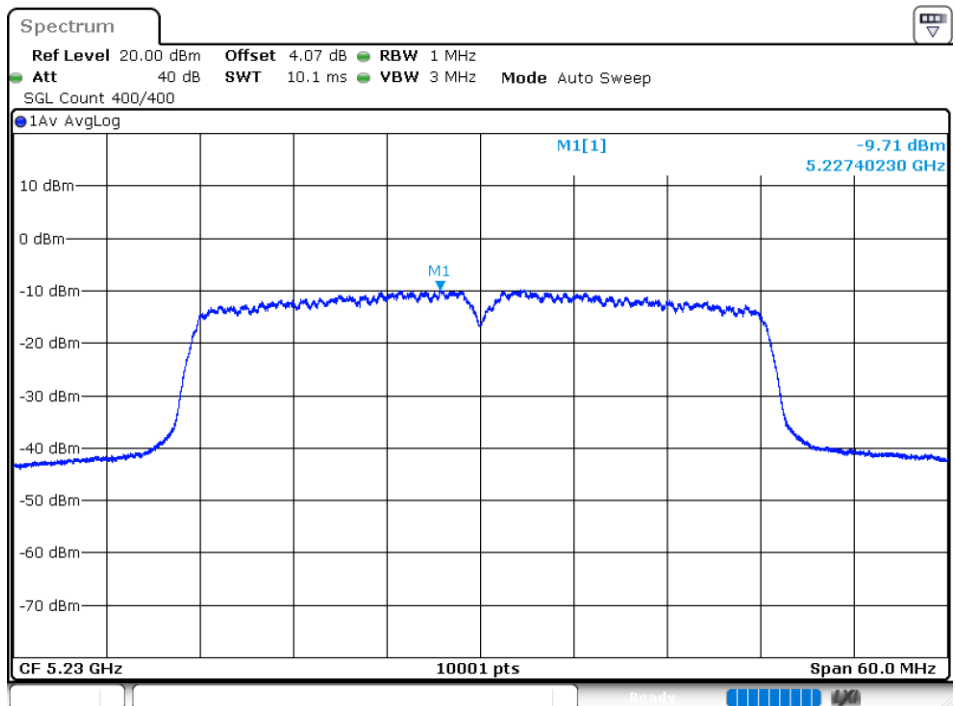
PSD NVNT n40 5190MHz Ant2



PSD NVNT n40 5230MHz Ant1



PSD NVNT n40 5230MHz Ant2

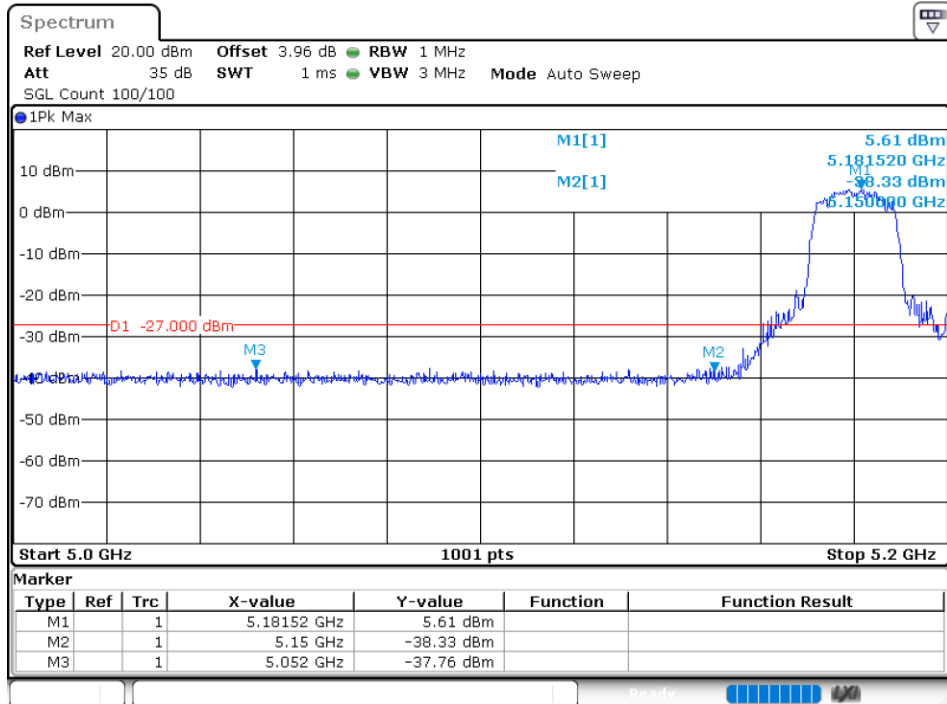


Band Edge

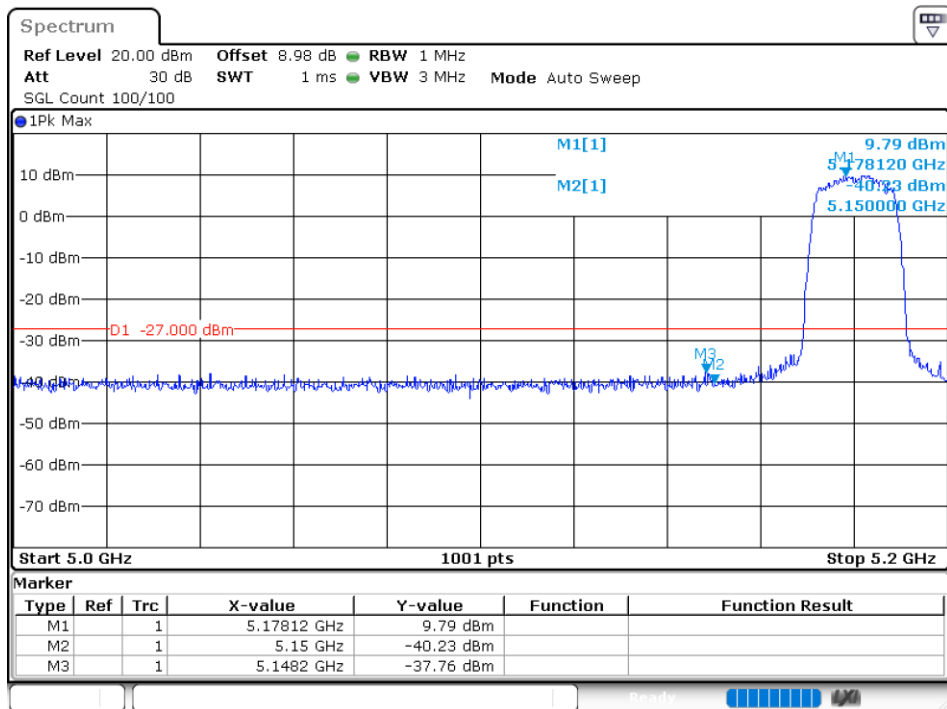
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ac20	5180	Ant1	-37.75	-27	Pass
NVNT	ac20	5180	Ant2	-37.75	-27	Pass
NVNT	ac20	5240	Ant1	-37.41	-27	Pass
NVNT	ac20	5240	Ant2	-37.85	-27	Pass
NVNT	ac40	5190	Ant1	-32.28	-27	Pass
NVNT	ac40	5190	Ant2	-37.79	-27	Pass
NVNT	ac40	5230	Ant1	-37.86	-27	Pass
NVNT	ac40	5230	Ant2	-37.65	-27	Pass
NVNT	ac80	5210	Ant1	-36.87	-27	Pass
NVNT	ac80	5210	Ant2	-37.81	-27	Pass
NVNT	n20	5180	Ant1	-41.98	-27	Pass
NVNT	n20	5180	Ant2	-34.04	-27	Pass
NVNT	n20	5240	Ant1	-37.25	-27	Pass
NVNT	n20	5240	Ant2	-37.72	-27	Pass
NVNT	n40	5190	Ant1	-30.64	-27	Pass
NVNT	n40	5190	Ant2	-37.59	-27	Pass
NVNT	n40	5230	Ant1	-42.61	-27	Pass
NVNT	n40	5230	Ant2	-41.68	-27	Pass

Test Graphs

Band Edge NVNT ac20 5180MHz Low Ant1



Band Edge NVNT ac20 5180MHz Low Ant2

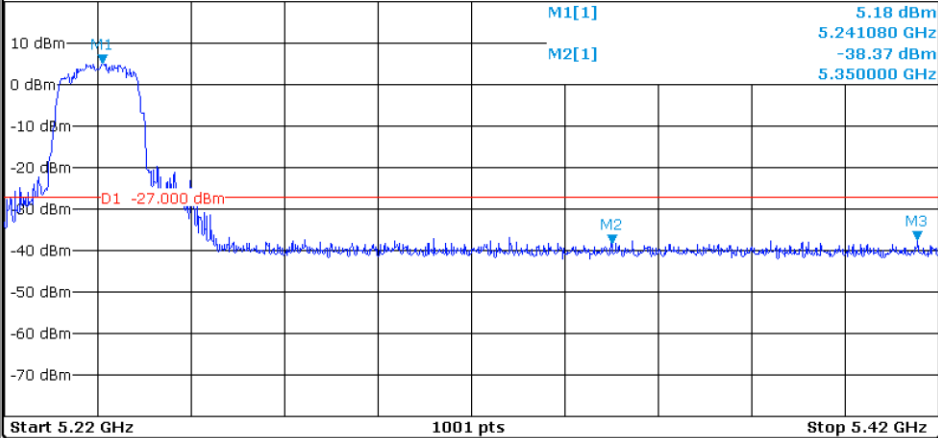


Band Edge NVNT ac20 5240MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.04 dB RBW 1 MHz
Att 35 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

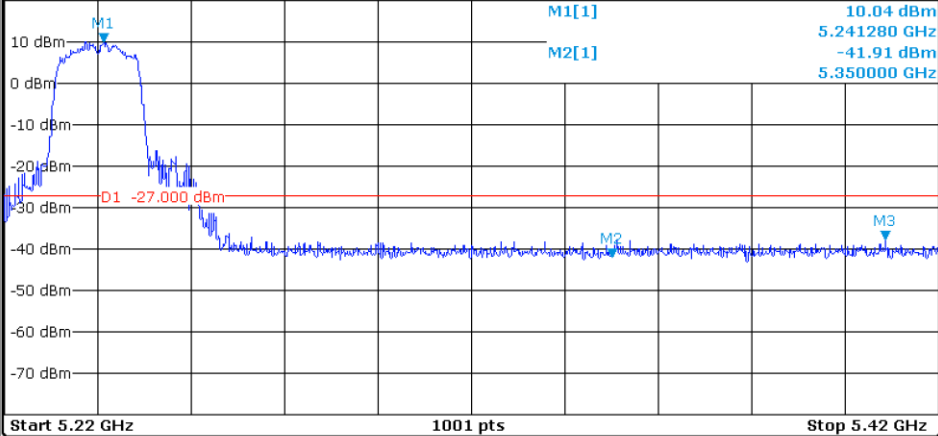
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.24108 GHz	5.18 dBm		
M2		1	5.35 GHz	-38.37 dBm		
M3		1	5.4154 GHz	-37.41 dBm		

Band Edge NVNT ac20 5240MHz High Ant2

Spectrum

Ref Level 20.00 dBm Offset 9.08 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

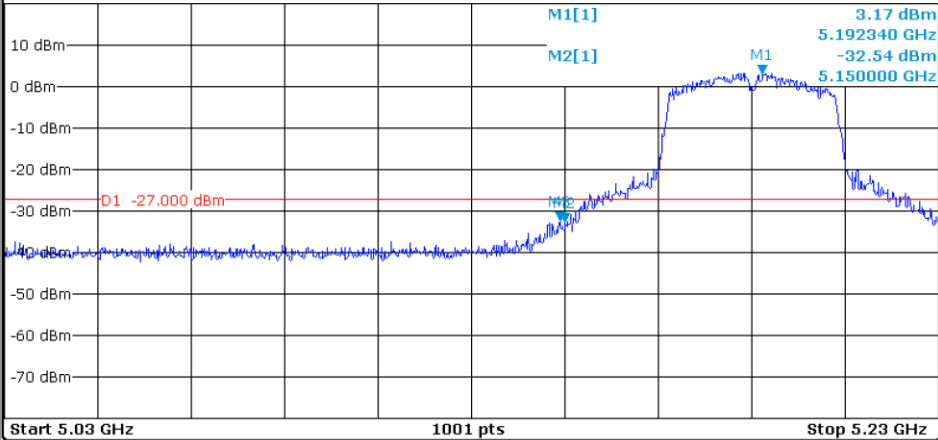
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.24128 GHz	10.04 dBm		
M2		1	5.35 GHz	-41.91 dBm		
M3		1	5.4086 GHz	-37.85 dBm		

Band Edge NVNT ac40 5190MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 3.96 dB RBW 1 MHz
Att 35 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

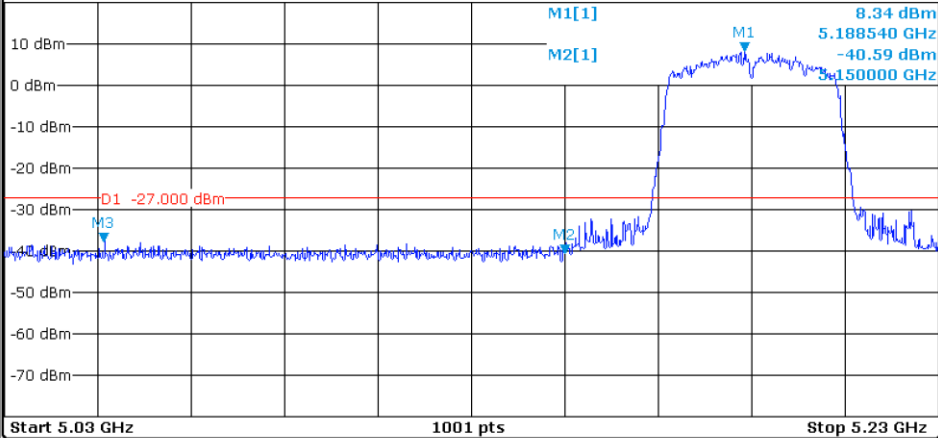
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.19234 GHz	3.17 dBm		
M2		1	5.15 GHz	-32.54 dBm		
M3		1	5.149 GHz	-32.29 dBm		

Band Edge NVNT ac40 5190MHz Low Ant2

Spectrum

Ref Level 20.00 dBm Offset 8.99 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

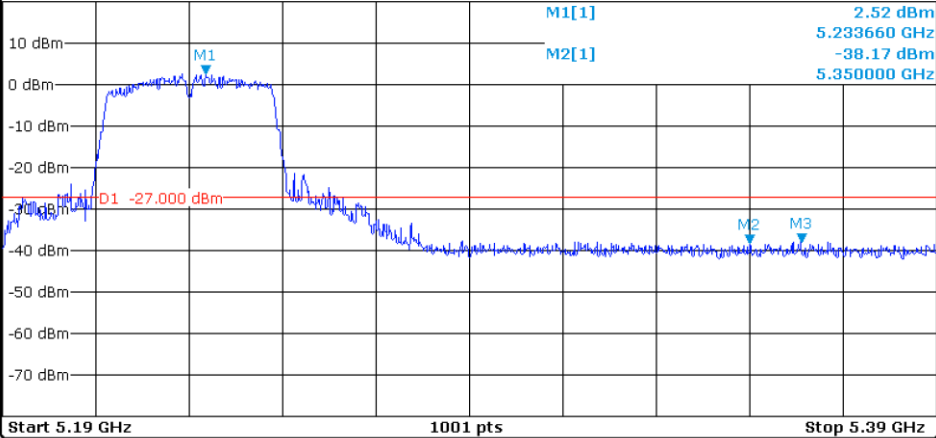
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.18854 GHz	8.34 dBm		
M2		1	5.15 GHz	-40.59 dBm		
M3		1	5.0514 GHz	-37.79 dBm		

Band Edge NVNT ac40 5230MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.04 dB RBW 1 MHz
Att 35 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

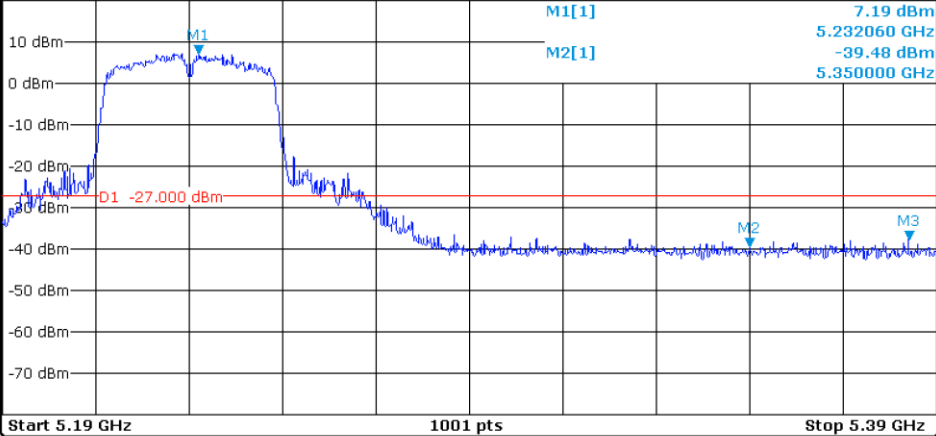
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.23366 GHz	2.52 dBm		
M2	1	1	5.35 GHz	-38.17 dBm		
M3	1	1	5.361 GHz	-37.87 dBm		

Band Edge NVNT ac40 5230MHz High Ant2

Spectrum

Ref Level 20.00 dBm Offset 9.07 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

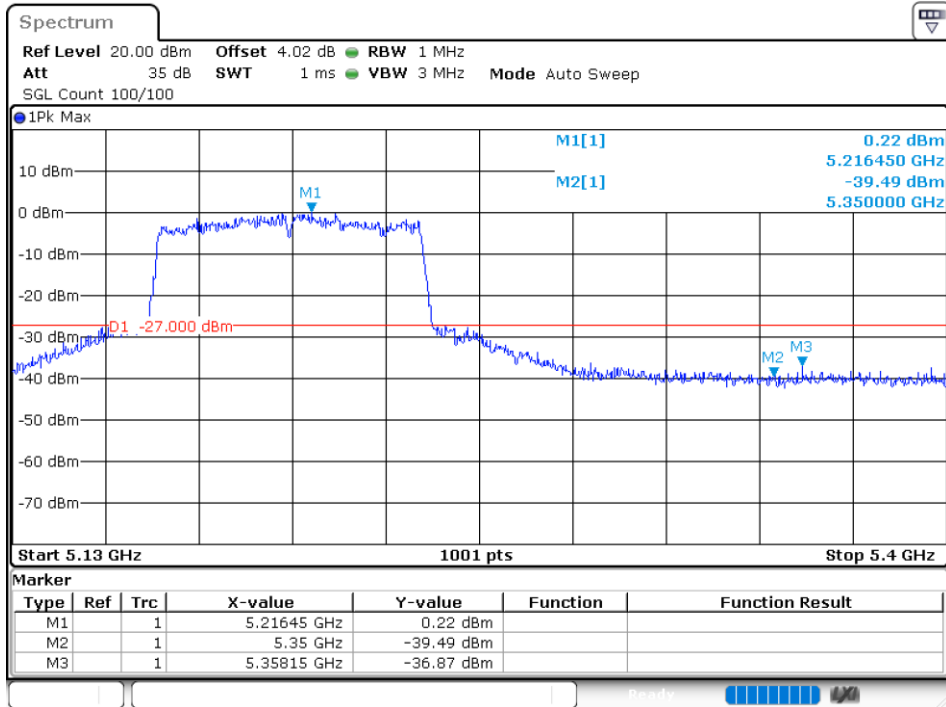
1Pk Max



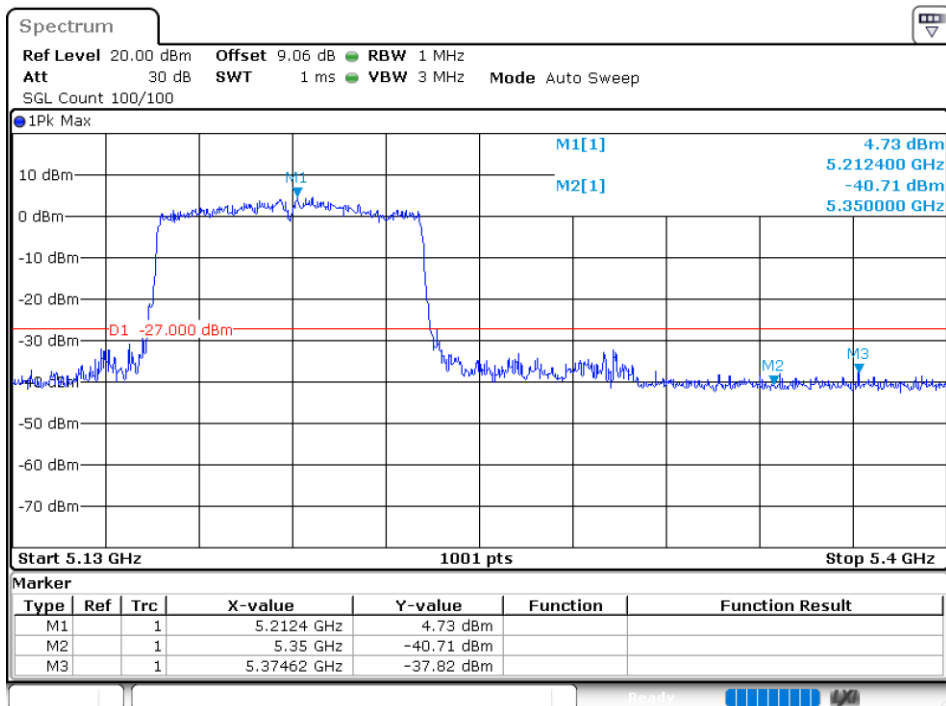
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.23206 GHz	7.19 dBm		
M2	1	1	5.35 GHz	-39.48 dBm		
M3	1	1	5.384 GHz	-37.66 dBm		

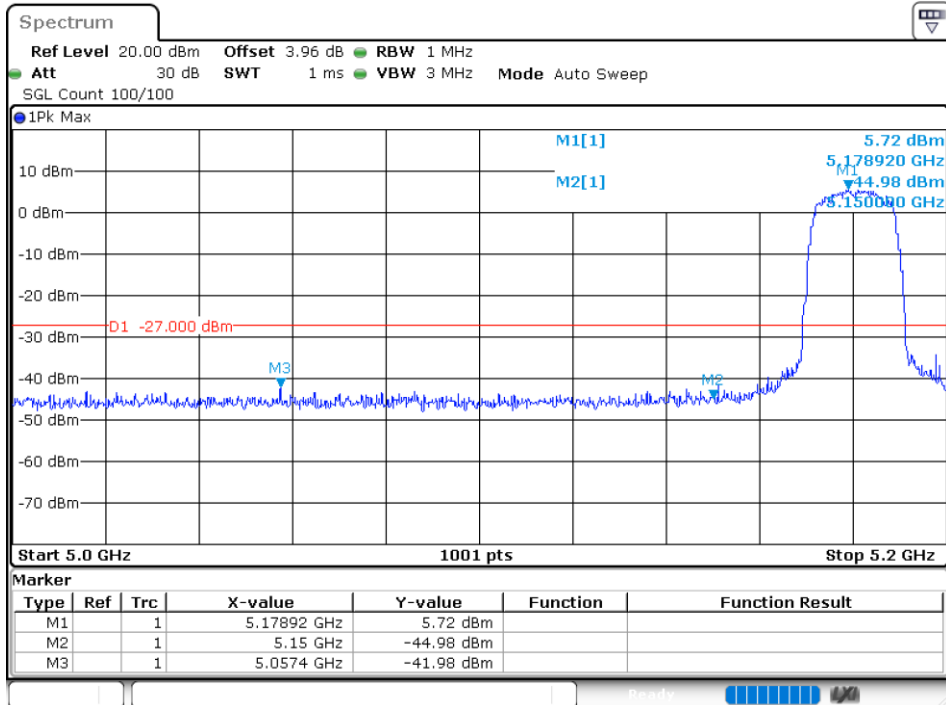
Band Edge NVNT ac80 5210MHz High Ant1



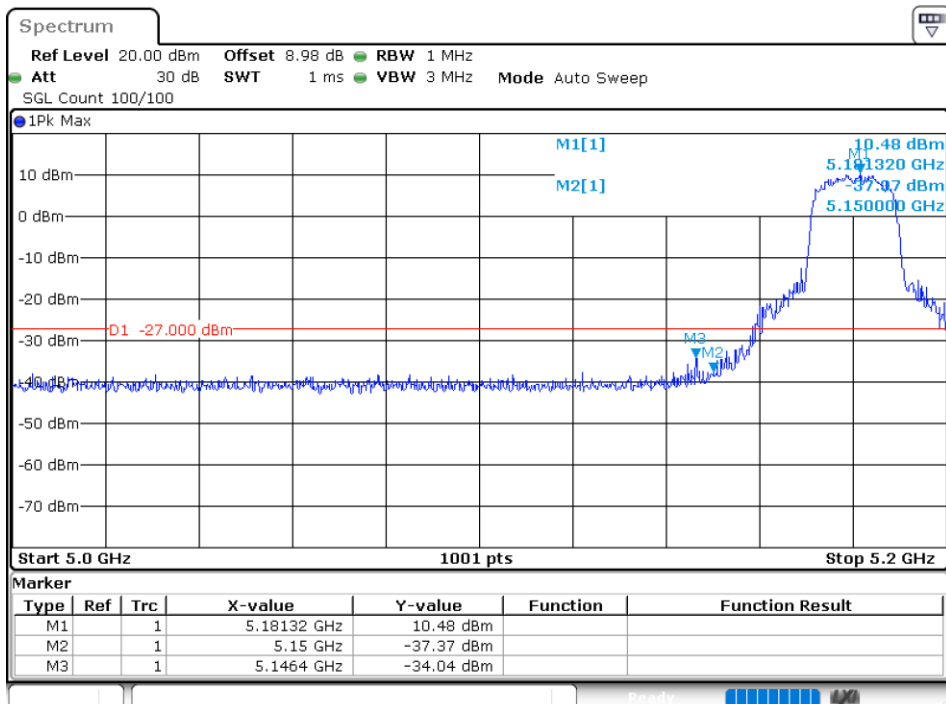
Band Edge NVNT ac80 5210MHz High Ant2



Band Edge NVNT n20 5180MHz Low Ant1



Band Edge NVNT n20 5180MHz Low Ant2

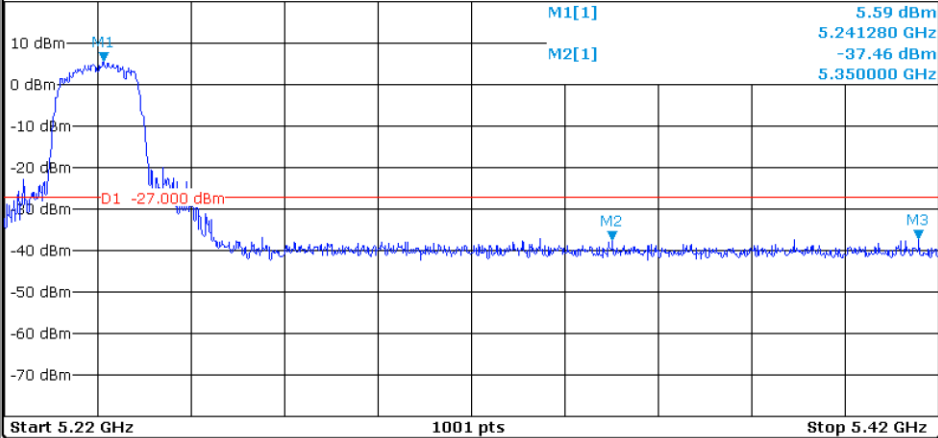


Band Edge NVNT n20 5240MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.04 dB RBW 1 MHz
Att 35 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

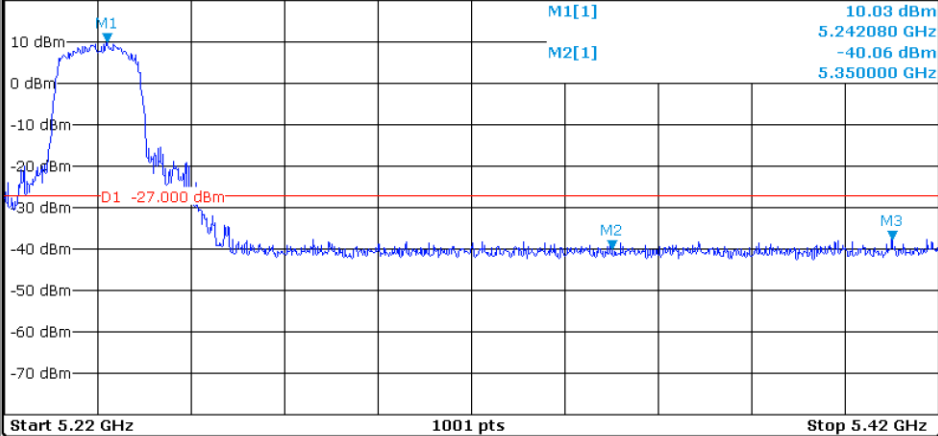
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.24128 GHz	5.59 dBm		
M2	1		5.35 GHz	-37.46 dBm		
M3	1		5.4156 GHz	-37.26 dBm		

Band Edge NVNT n20 5240MHz High Ant2

Spectrum

Ref Level 20.00 dBm Offset 9.08 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

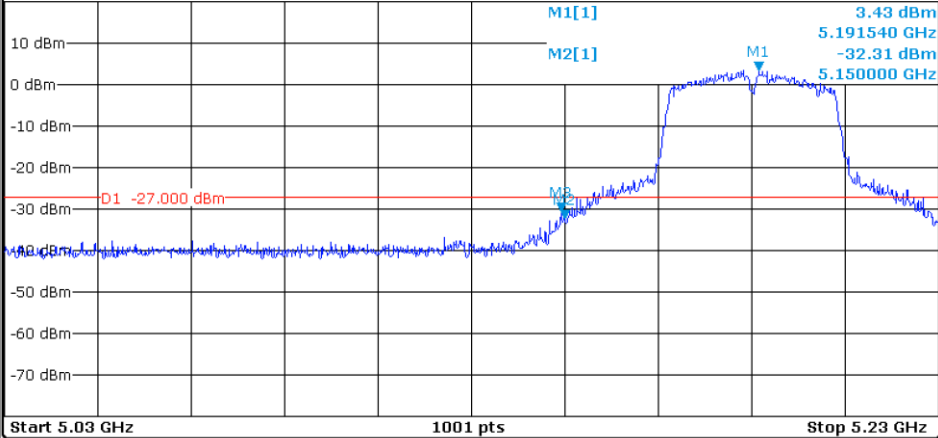
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.24208 GHz	10.03 dBm		
M2	1		5.35 GHz	-40.06 dBm		
M3	1		5.41 GHz	-37.72 dBm		

Band Edge NVNT n40 5190MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 3.96 dB RBW 1 MHz
 Att 35 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
 SGL Count 100/100

1Pk Max



Marker

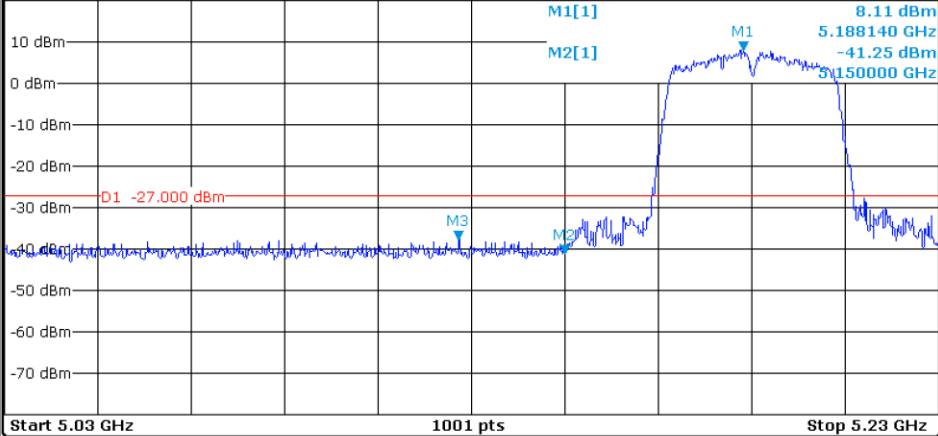
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.19154 GHz	3.43 dBm		
M2		1	5.15 GHz	-32.31 dBm		
M3		1	5.1492 GHz	-30.65 dBm		

Band Edge NVNT n40 5190MHz Low Ant2

Spectrum

Ref Level 20.00 dBm Offset 8.99 dB RBW 1 MHz
 Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
 SGL Count 100/100

1Pk Max



Marker

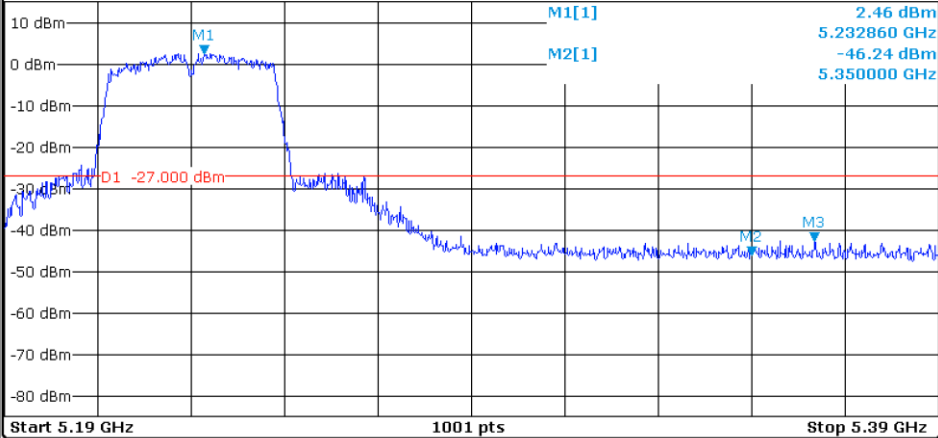
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.18814 GHz	8.11 dBm		
M2		1	5.15 GHz	-41.25 dBm		
M3		1	5.1272 GHz	-37.60 dBm		

Band Edge NVNT n40 5230MHz High Ant1

Spectrum

Ref Level 15.00 dBm Offset 4.04 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

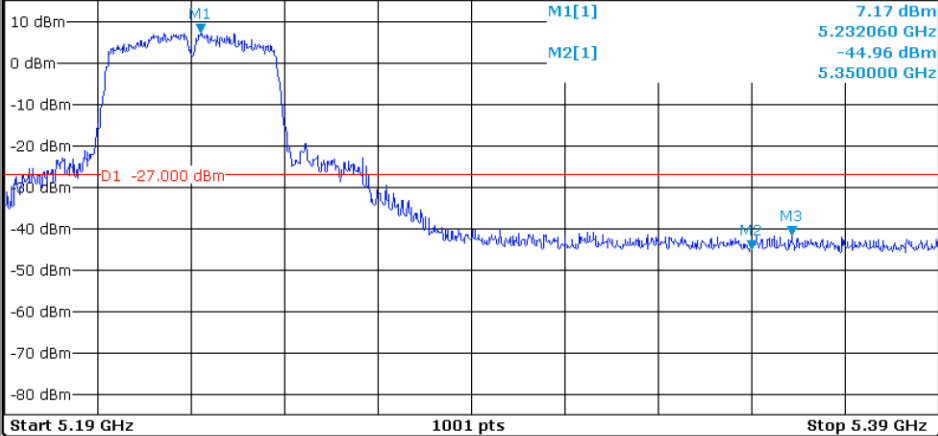
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.23286 GHz	2.46 dBm		
M2	1	1	5.35 GHz	-46.24 dBm		
M3	1	1	5.3634 GHz	-42.61 dBm		

Band Edge NVNT n40 5230MHz High Ant2

Spectrum

Ref Level 15.00 dBm Offset 9.07 dB RBW 1 MHz
Att 25 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

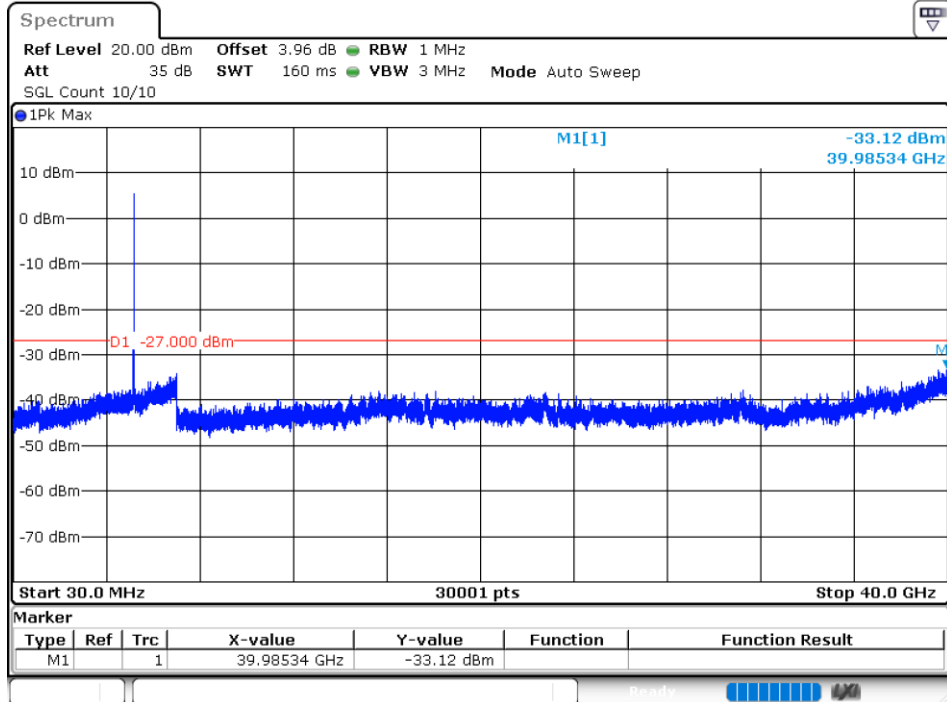
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.23206 GHz	7.17 dBm		
M2	1	1	5.35 GHz	-44.96 dBm		
M3	1	1	5.3586 GHz	-41.69 dBm		

Conducted RF Spurious Emission

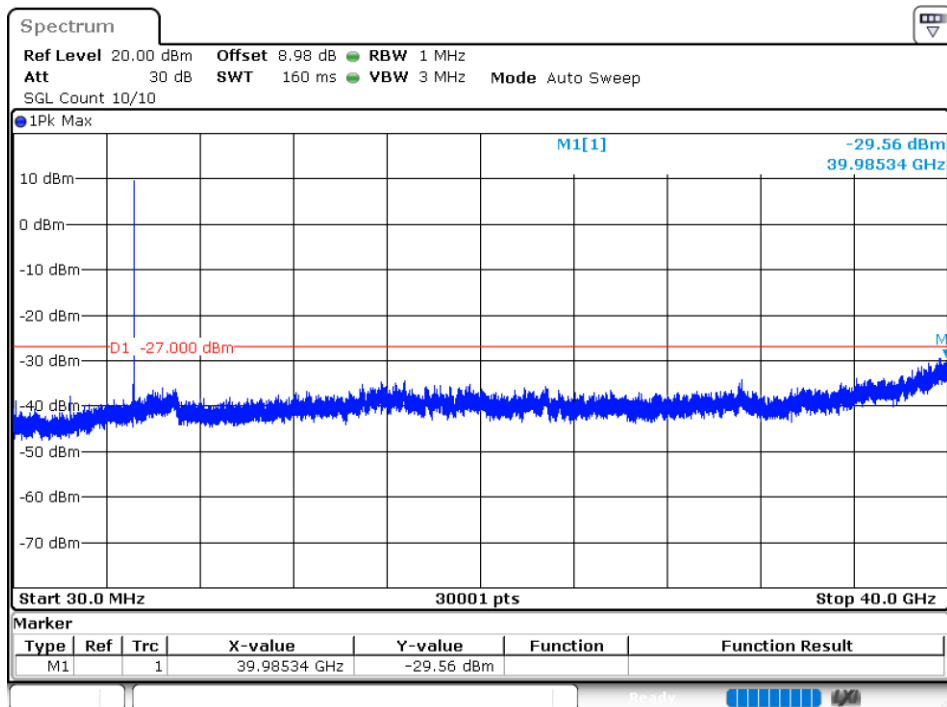
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ac20	5180	Ant1	-33.11	-27	Pass
NVNT	ac20	5180	Ant2	-29.55	-27	Pass
NVNT	ac20	5200	Ant1	-33.6	-27	Pass
NVNT	ac20	5200	Ant2	-29.5	-27	Pass
NVNT	ac20	5240	Ant1	-33.06	-27	Pass
NVNT	ac20	5240	Ant2	-28.69	-27	Pass
NVNT	ac40	5190	Ant1	-32.93	-27	Pass
NVNT	ac40	5190	Ant2	-29.89	-27	Pass
NVNT	ac40	5230	Ant1	-32.82	-27	Pass
NVNT	ac40	5230	Ant2	-29.22	-27	Pass
NVNT	ac80	5210	Ant1	-33.98	-27	Pass
NVNT	ac80	5210	Ant2	-28.86	-27	Pass
NVNT	n20	5180	Ant1	-33.66	-27	Pass
NVNT	n20	5180	Ant2	-29.85	-27	Pass
NVNT	n20	5200	Ant1	-32.94	-27	Pass
NVNT	n20	5200	Ant2	-28.98	-27	Pass
NVNT	n20	5240	Ant1	-32.81	-27	Pass
NVNT	n20	5240	Ant2	-28.62	-27	Pass
NVNT	n40	5190	Ant1	-33.55	-27	Pass
NVNT	n40	5190	Ant2	-29.11	-27	Pass
NVNT	n40	5230	Ant1	-34.39	-27	Pass
NVNT	n40	5230	Ant2	-30.34	-27	Pass

Test Graphs

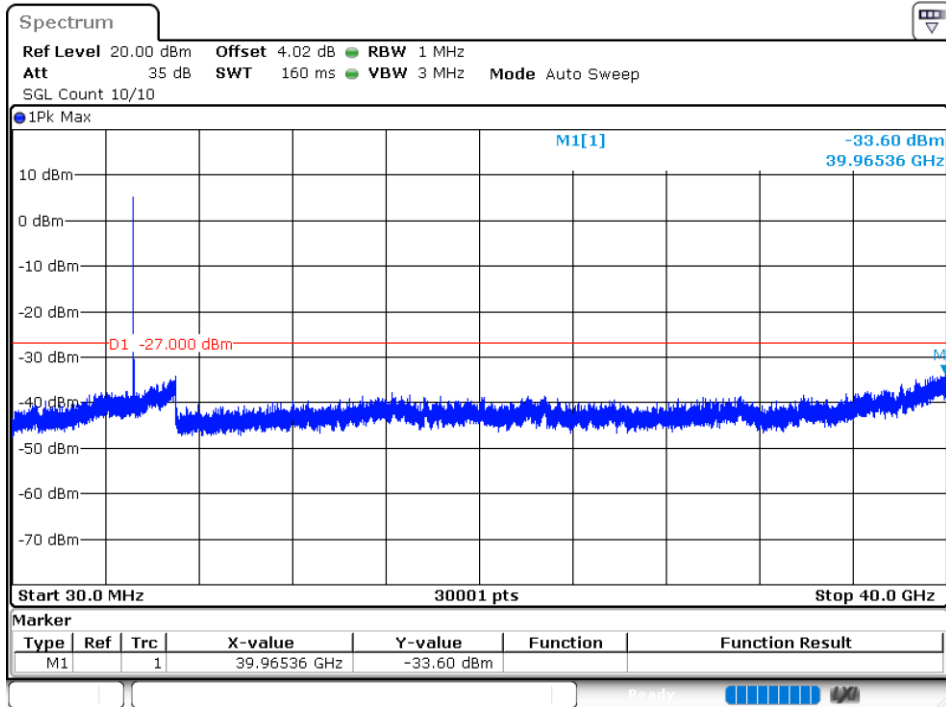
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



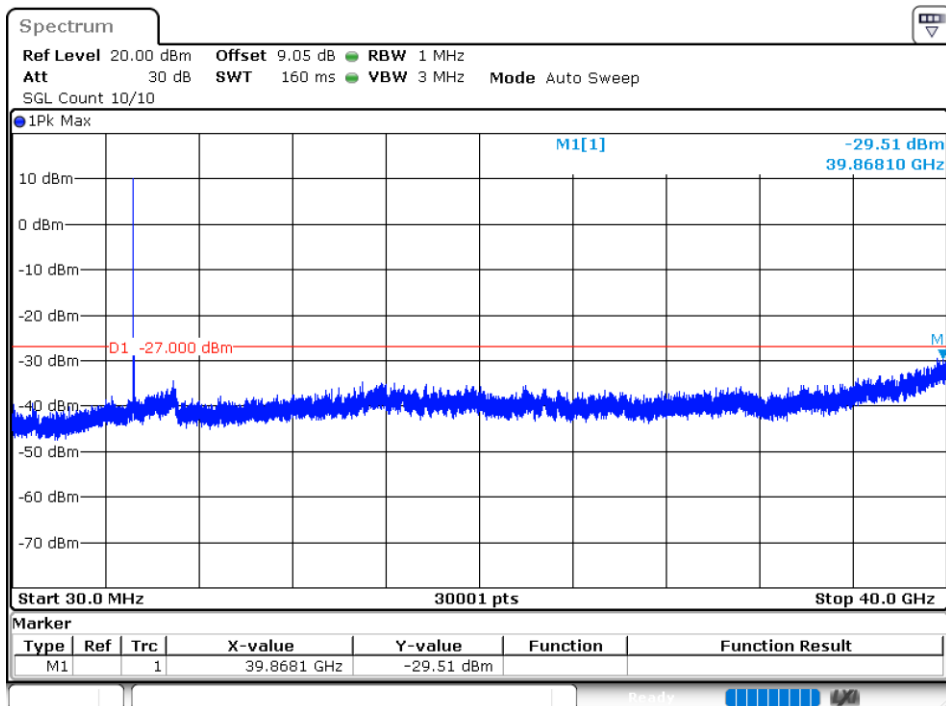
Tx. Spurious NVNT ac20 5180MHz Ant2 Emission



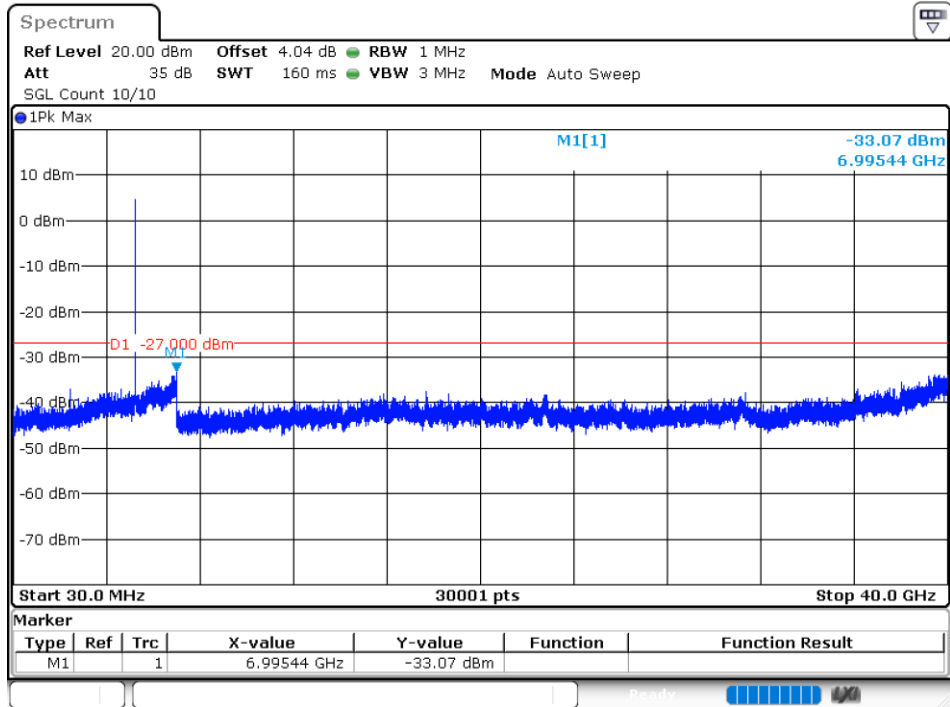
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



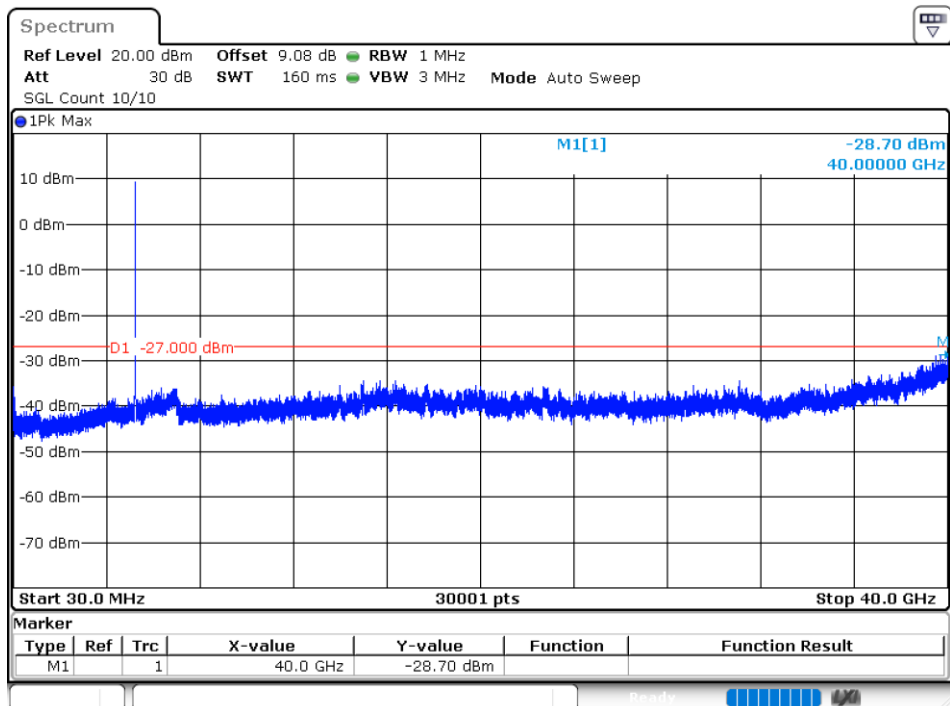
Tx. Spurious NVNT ac20 5200MHz Ant2 Emission



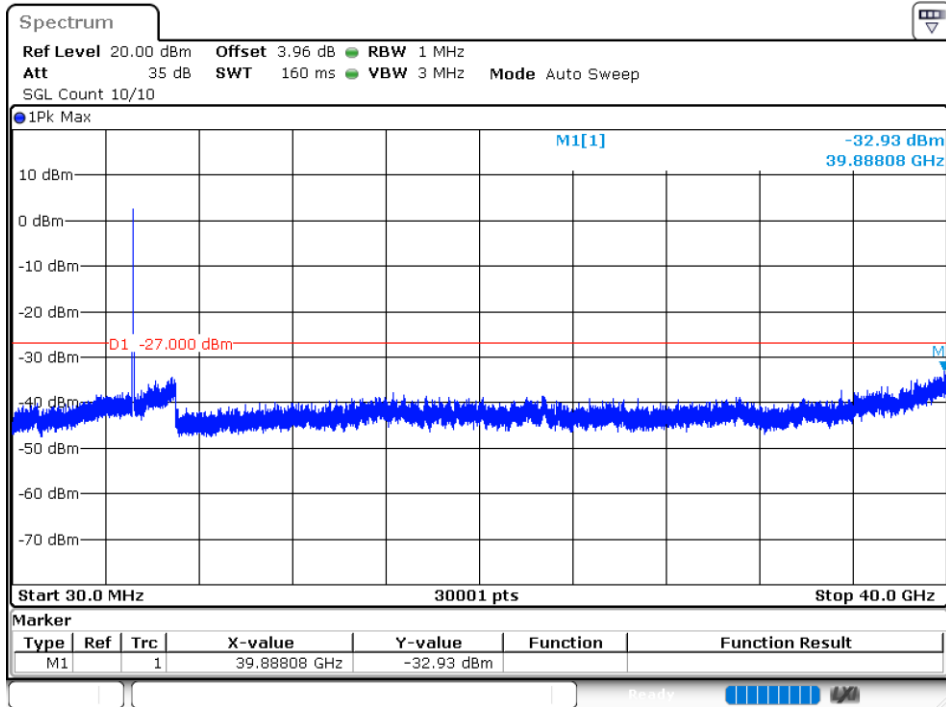
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



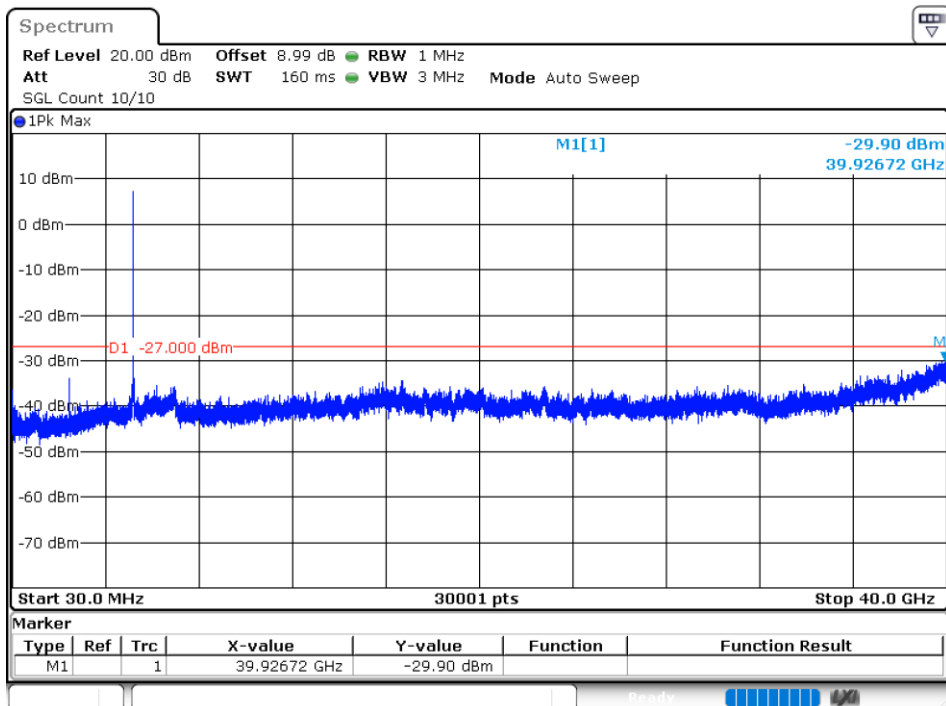
Tx. Spurious NVNT ac20 5240MHz Ant2 Emission



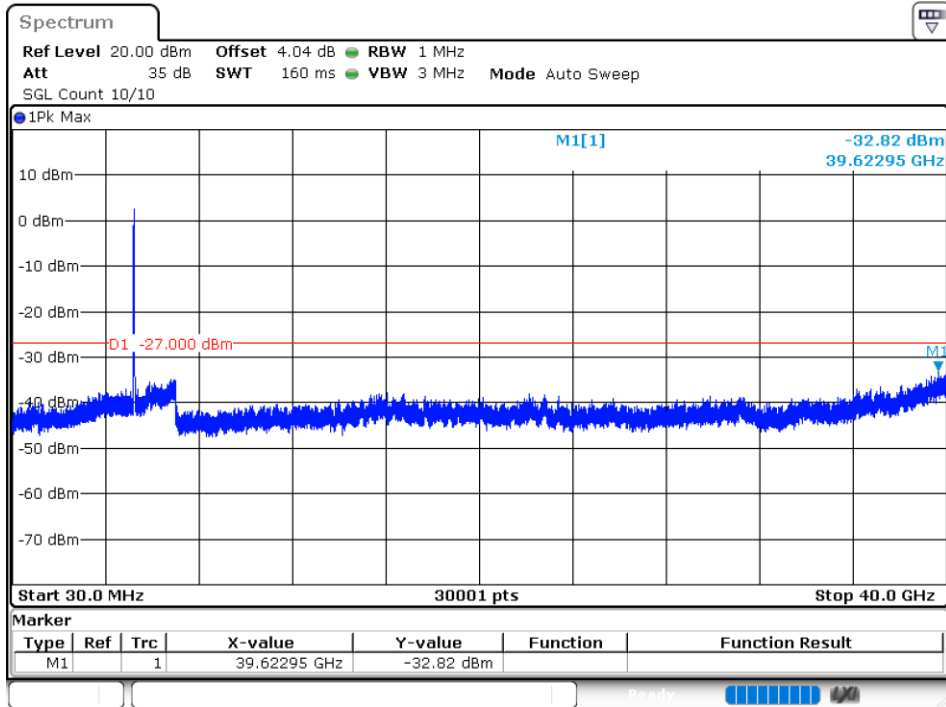
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



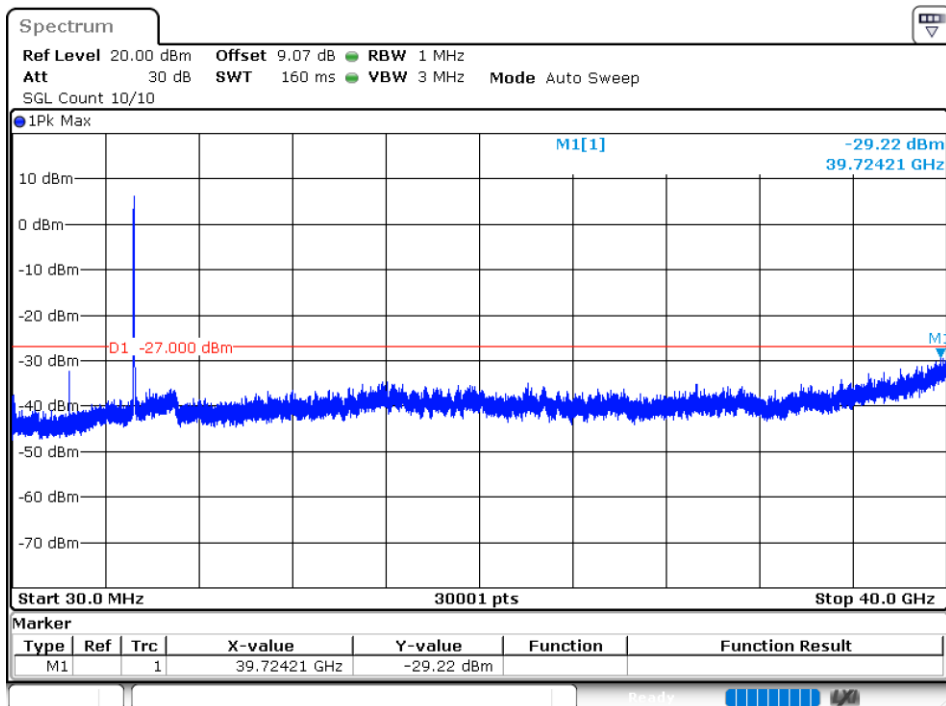
Tx. Spurious NVNT ac40 5190MHz Ant2 Emission



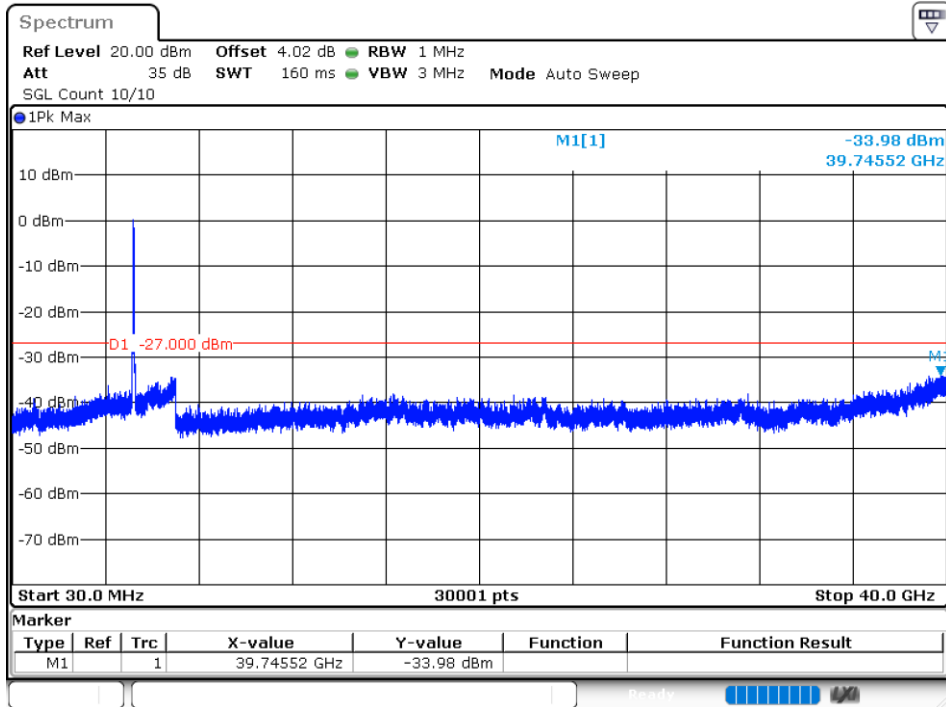
Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



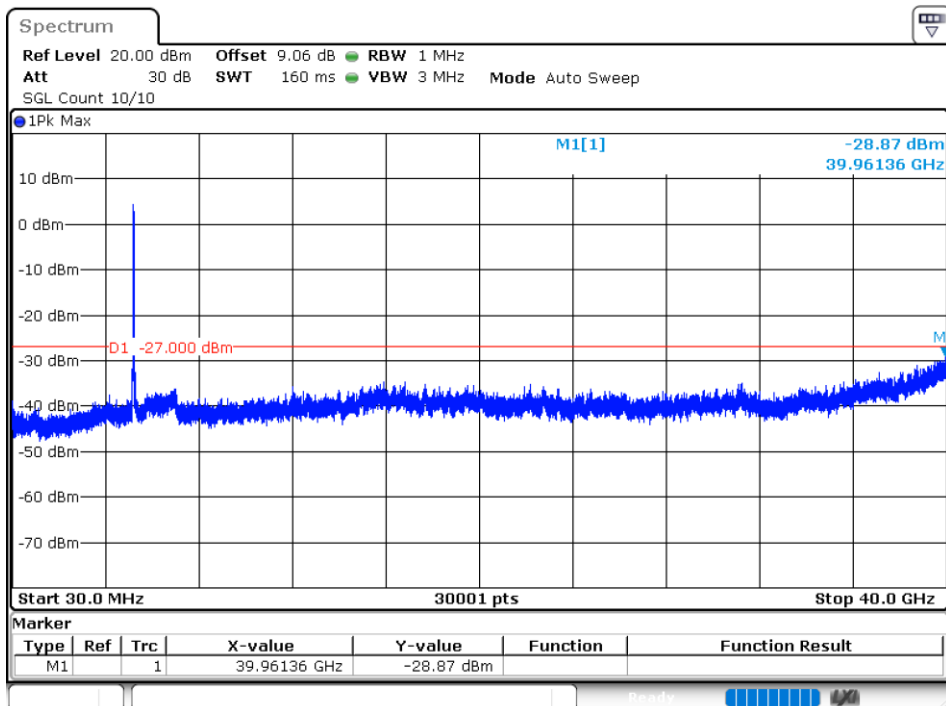
Tx. Spurious NVNT ac40 5230MHz Ant2 Emission



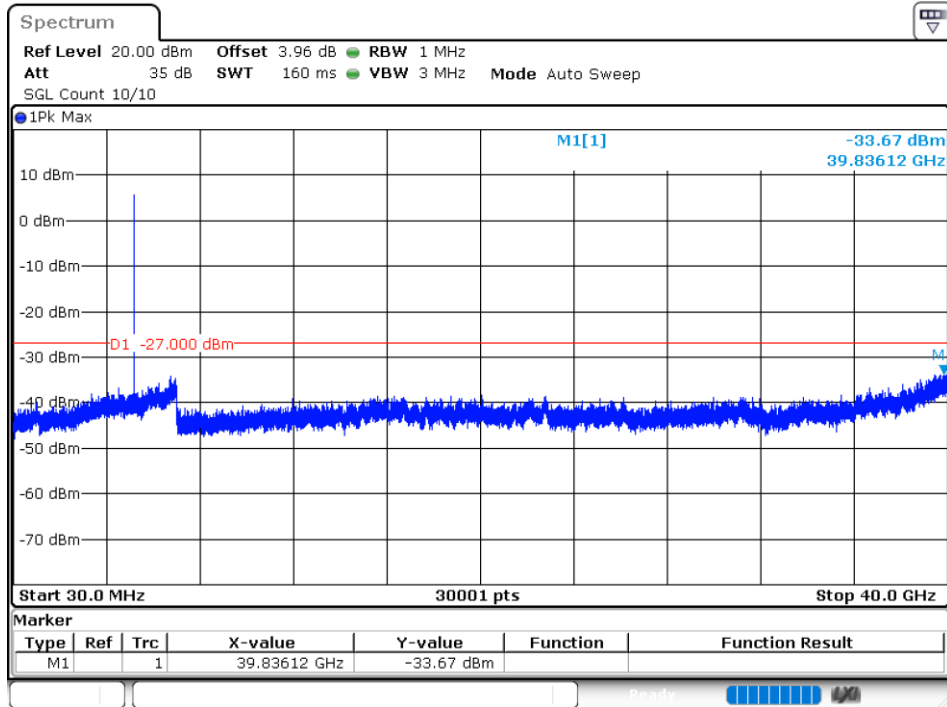
Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



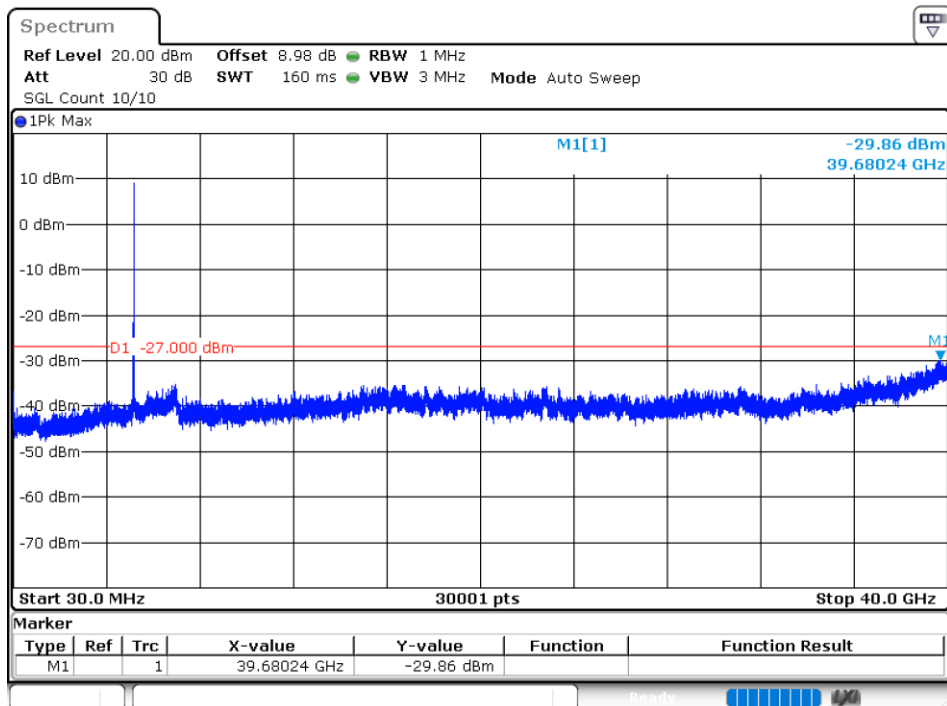
Tx. Spurious NVNT ac80 5210MHz Ant2 Emission



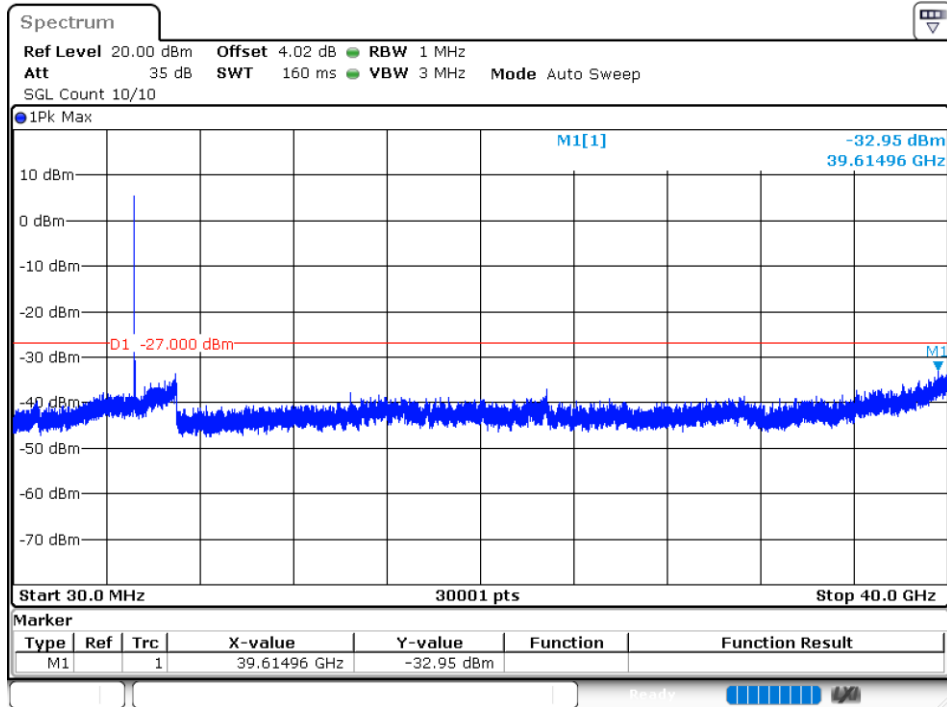
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



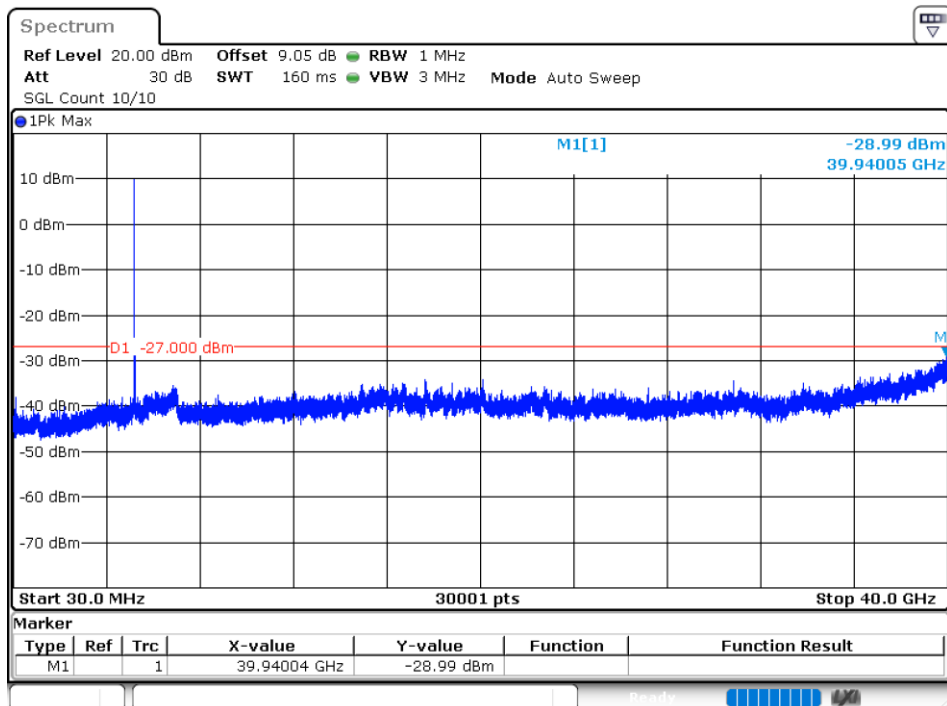
Tx. Spurious NVNT n20 5180MHz Ant2 Emission



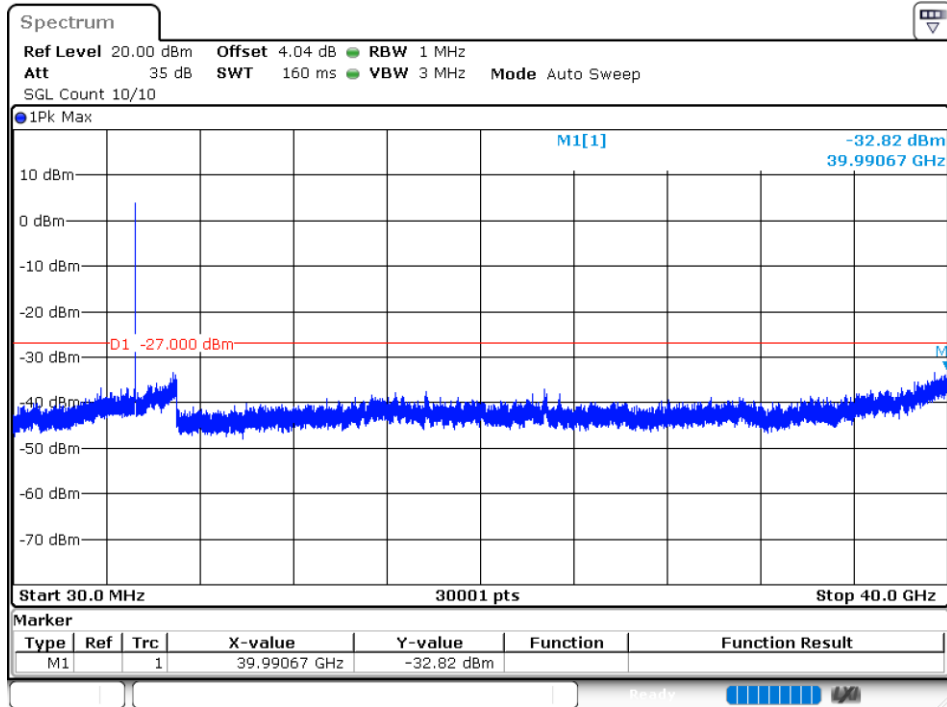
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



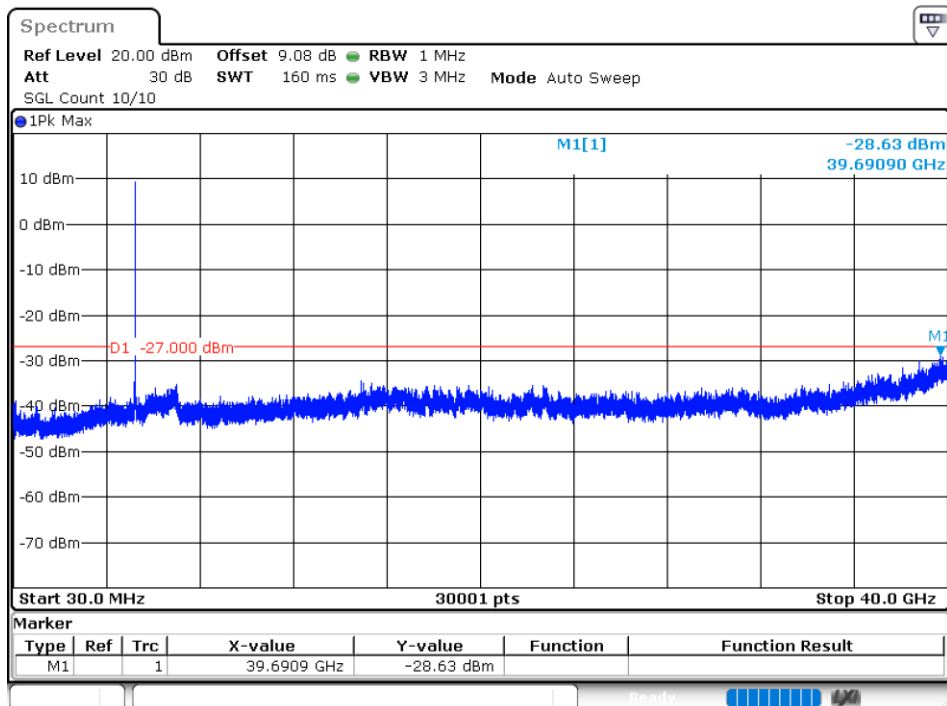
Tx. Spurious NVNT n20 5200MHz Ant2 Emission



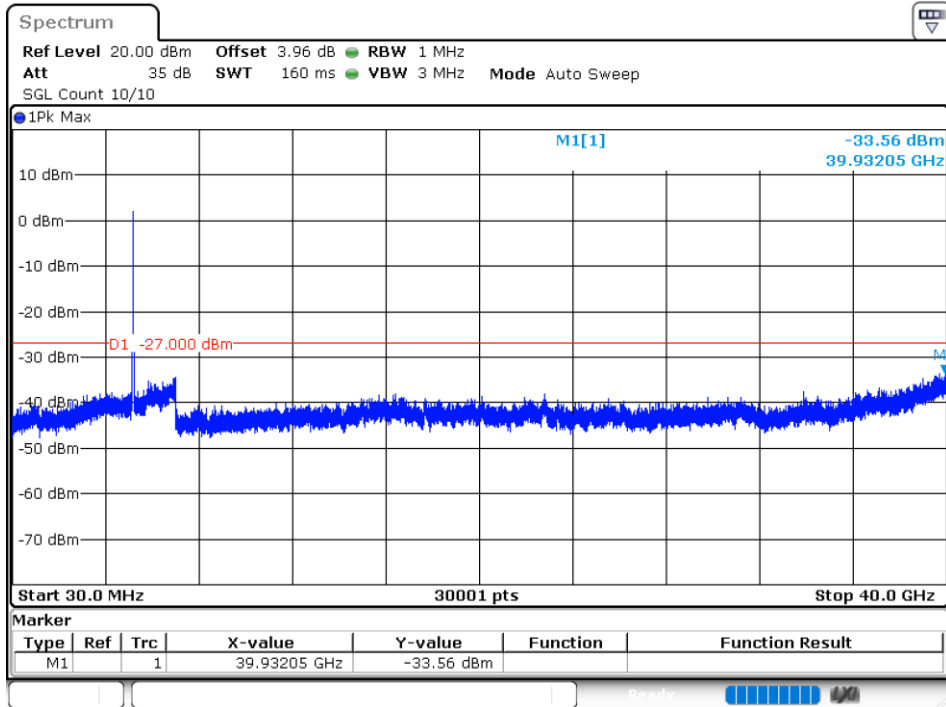
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



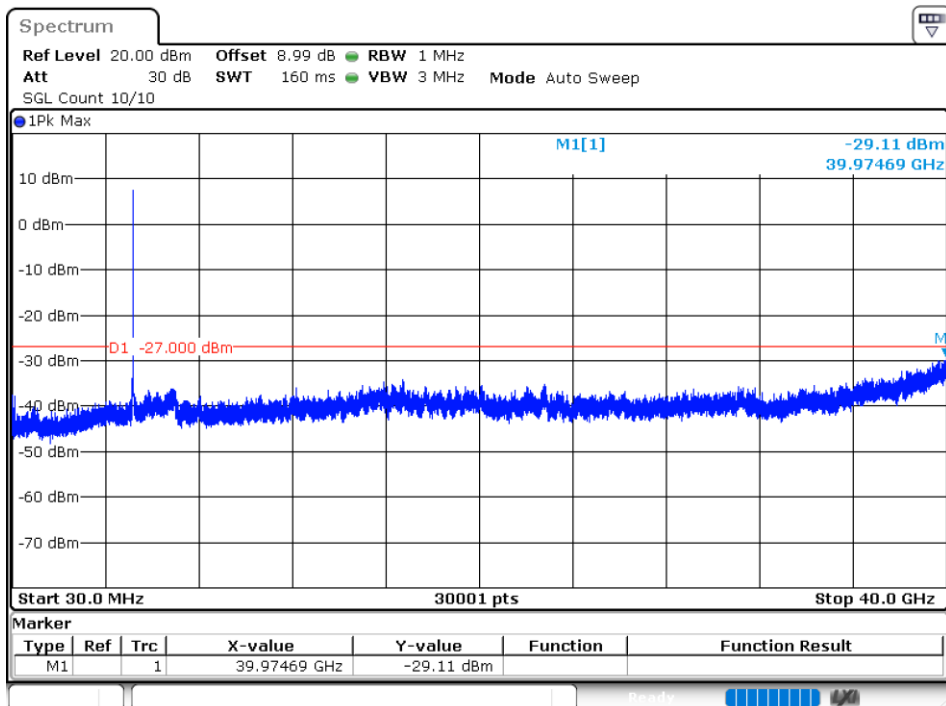
Tx. Spurious NVNT n20 5240MHz Ant2 Emission



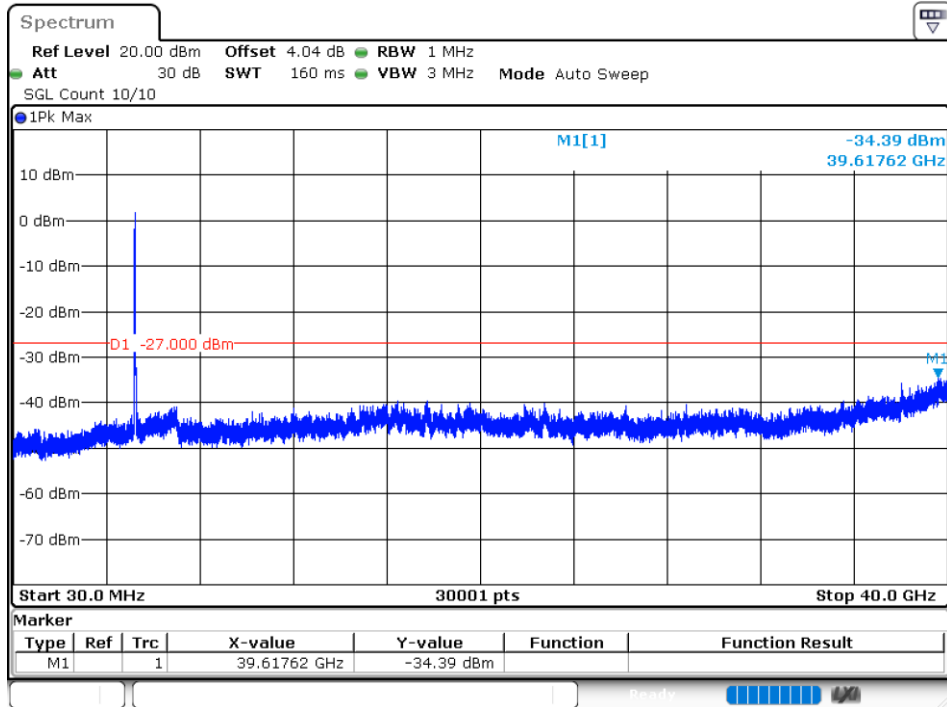
Tx. Spurious NVNT n40 5190MHz Ant1 Emission



Tx. Spurious NVNT n40 5190MHz Ant2 Emission



Tx. Spurious NVNT n40 5230MHz Ant1 Emission



Tx. Spurious NVNT n40 5230MHz Ant2 Emission

