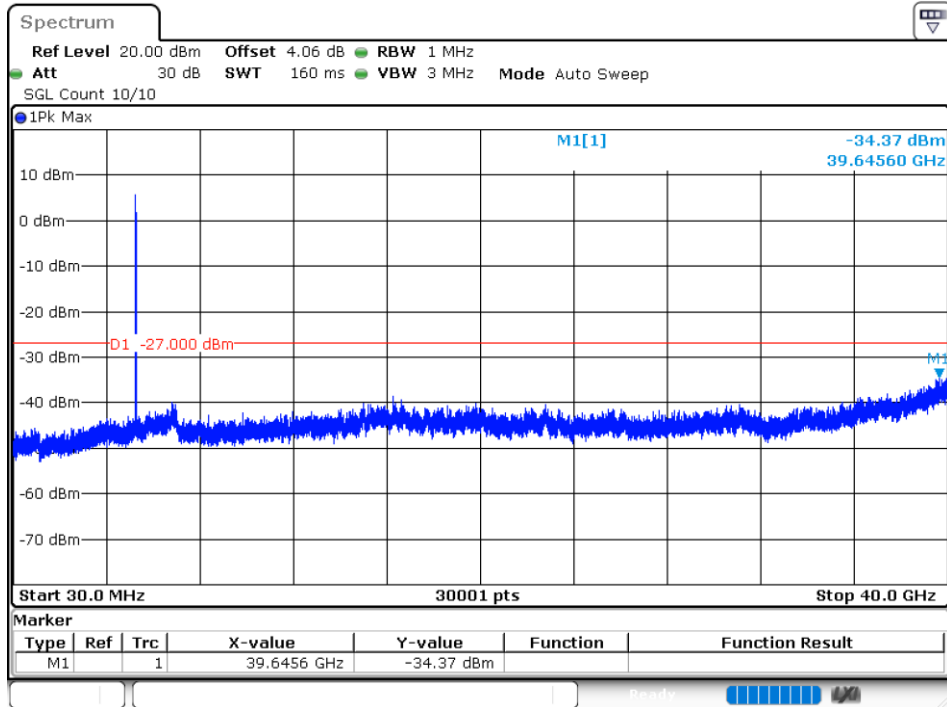
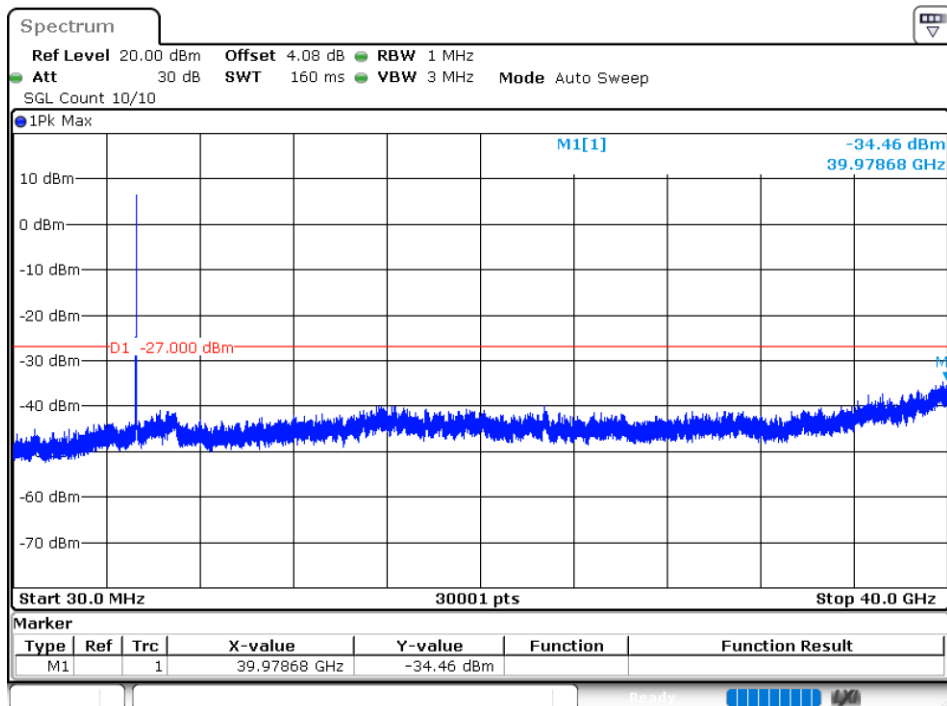


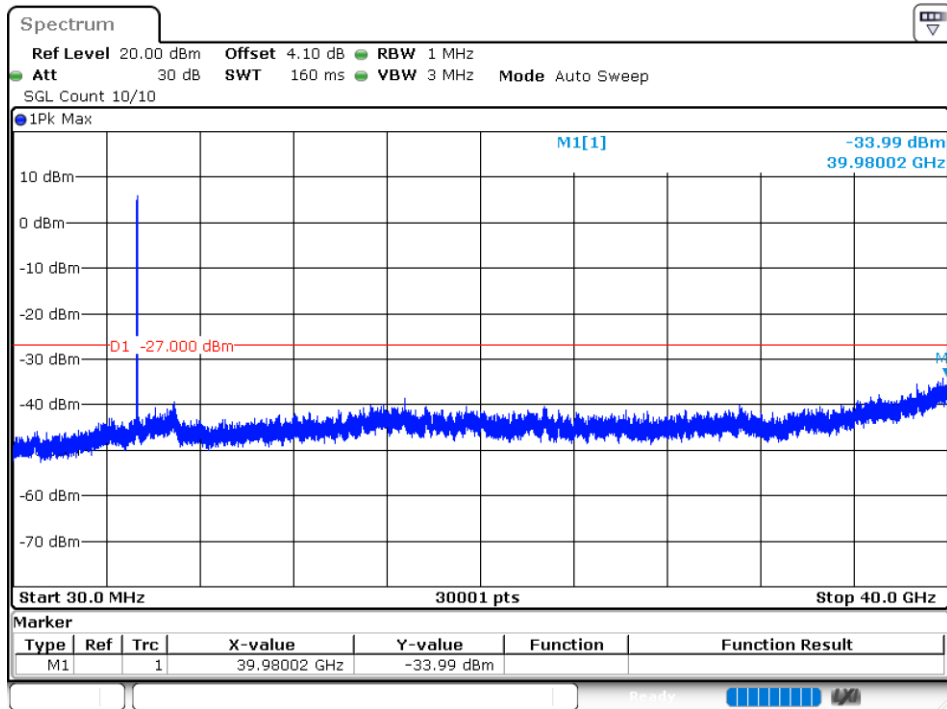
Tx. Spurious NVNT ac20 5260MHz Ant1 Emission



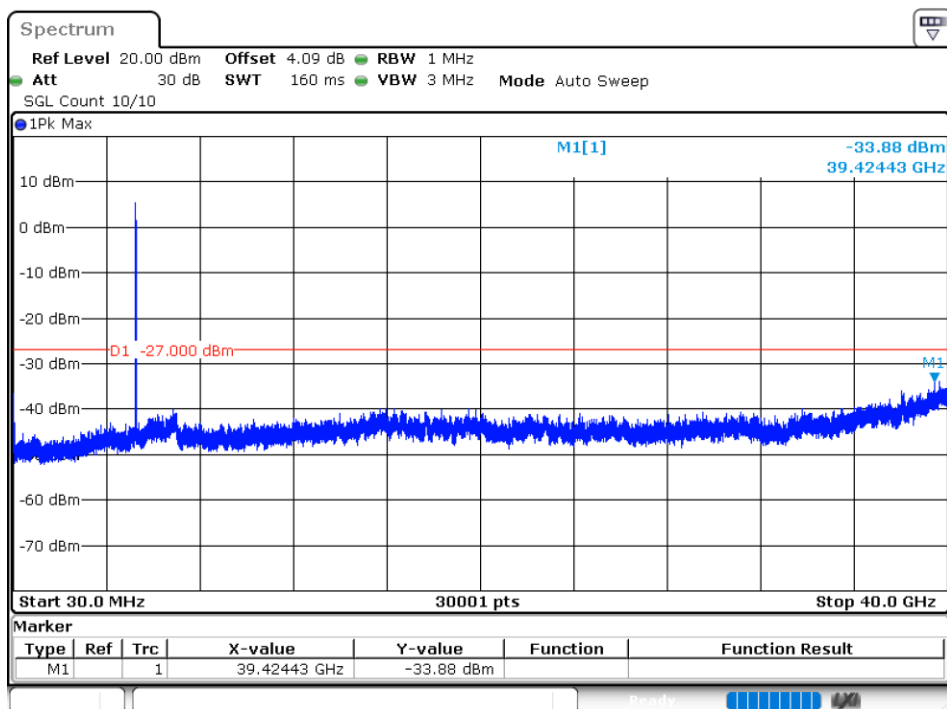
Tx. Spurious NVNT ac20 5280MHz Ant1 Emission



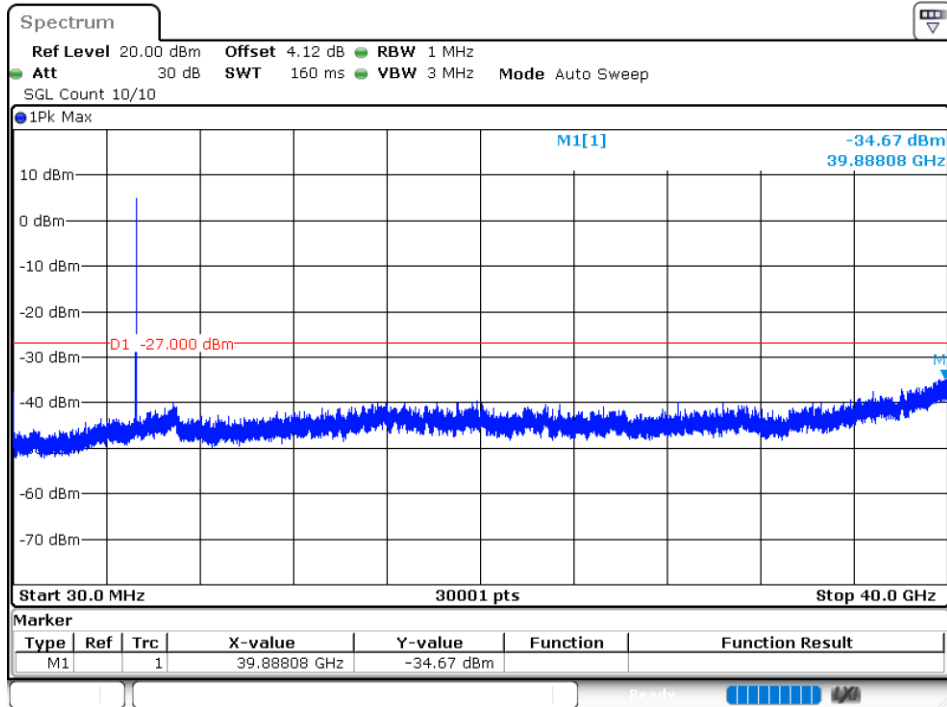
Tx. Spurious NVNT ac20 5320MHz Ant1 Emission



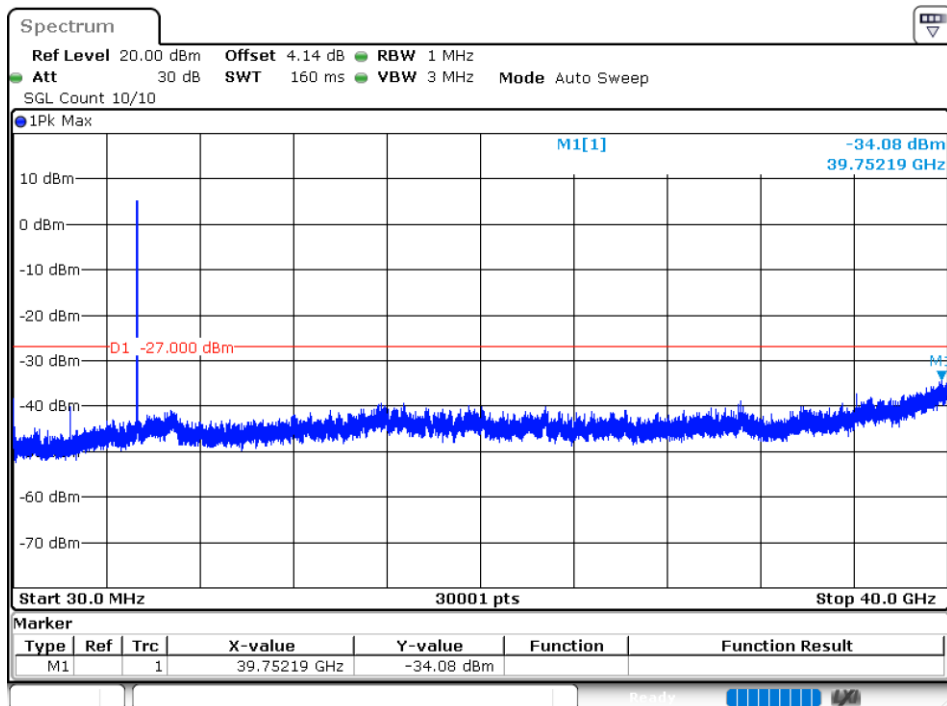
Tx. Spurious NVNT ac20 5260MHz Ant2 Emission



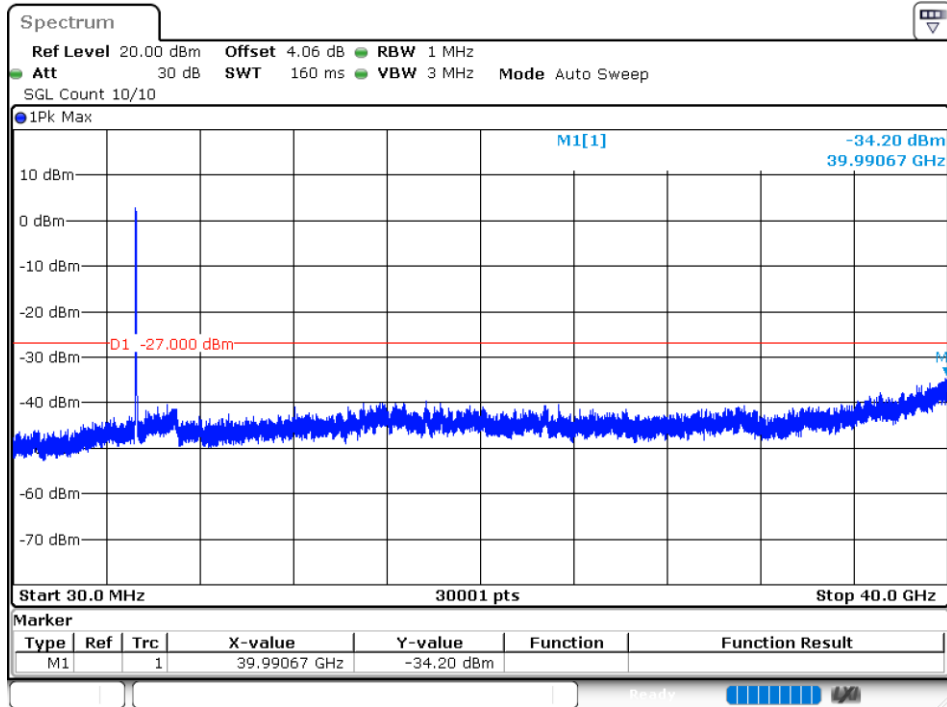
Tx. Spurious NVNT ac20 5280MHz Ant2 Emission



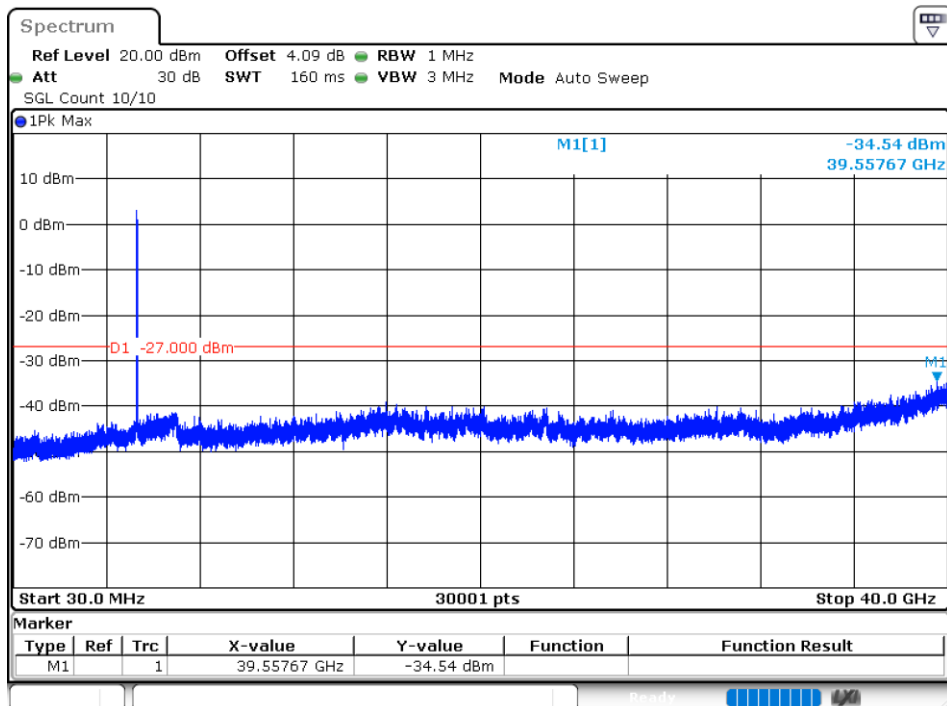
Tx. Spurious NVNT ac20 5320MHz Ant2 Emission



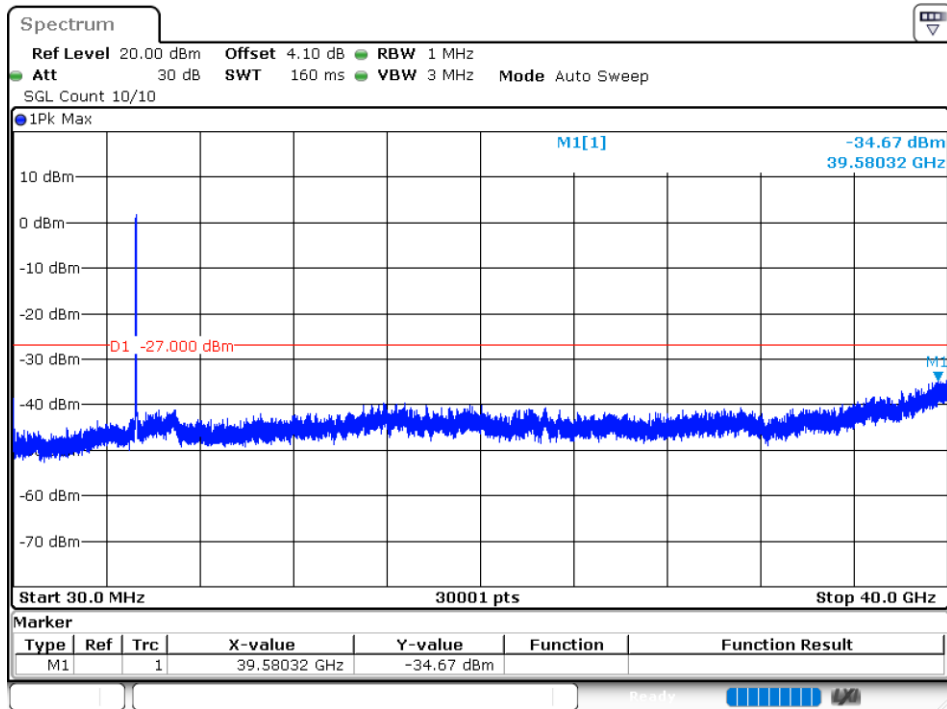
Tx. Spurious NVNT ac40 5270MHz Ant1 Emission



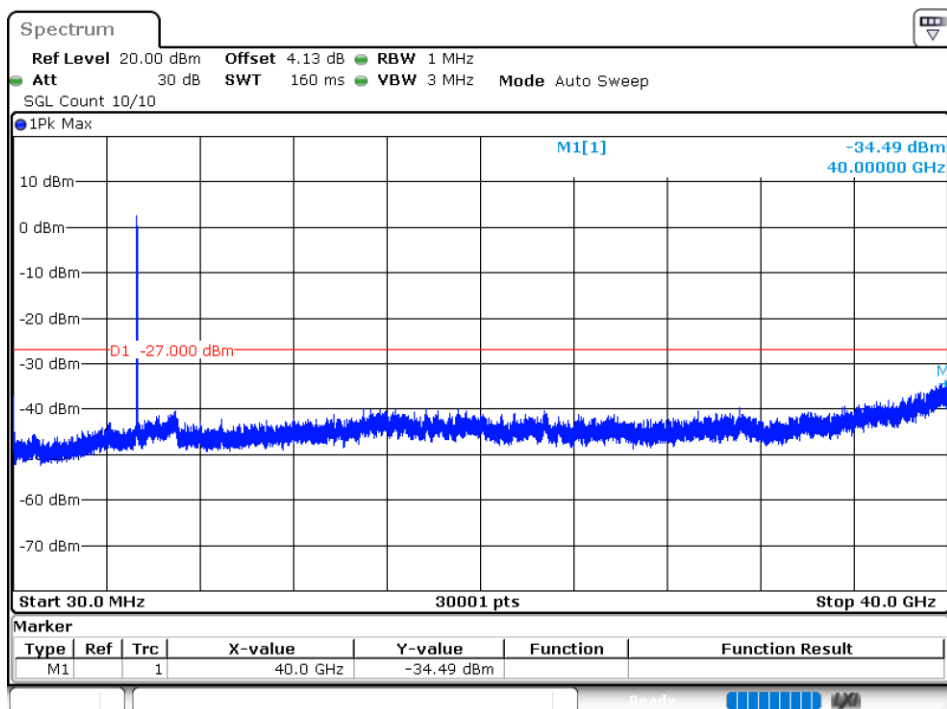
Tx. Spurious NVNT ac40 5310MHz Ant1 Emission



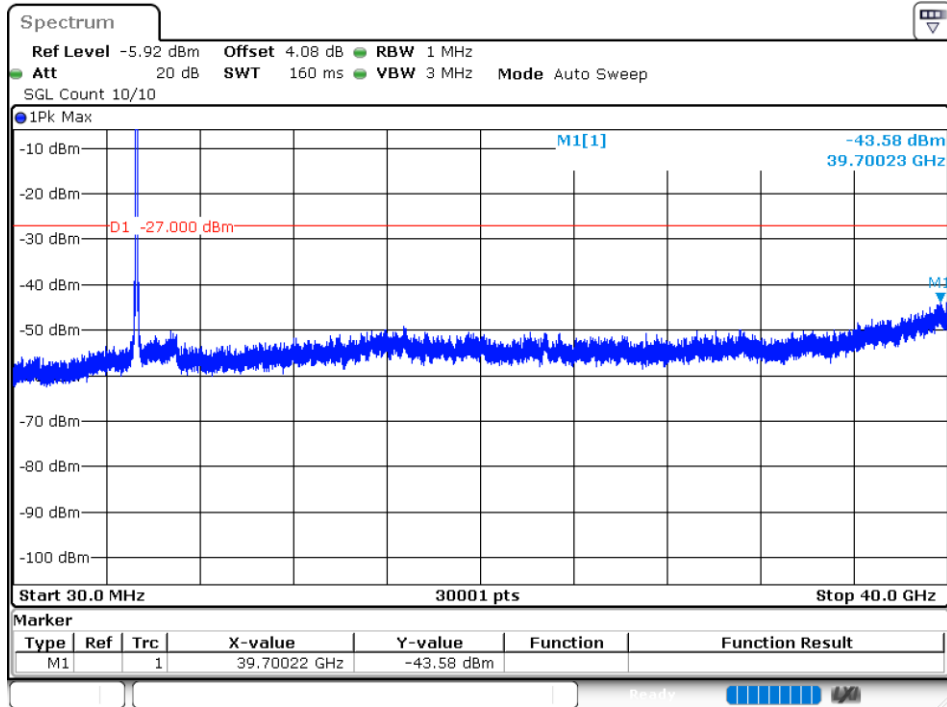
Tx. Spurious NVNT ac40 5270MHz Ant2 Emission



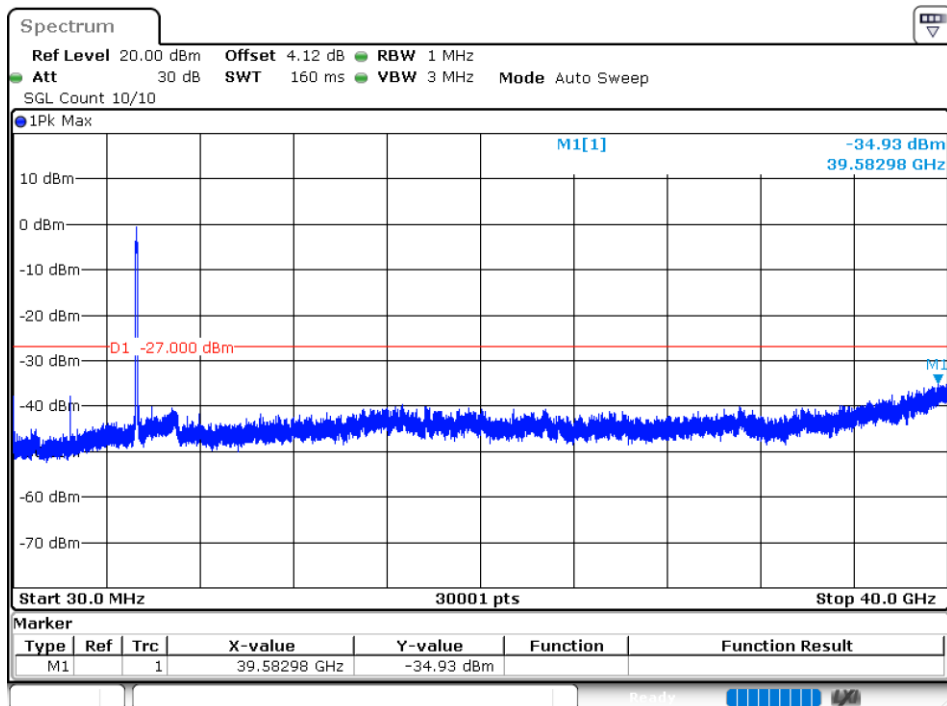
Tx. Spurious NVNT ac40 5310MHz Ant2 Emission



Tx. Spurious NVNT ac80 5290MHz Ant1 Emission



Tx. Spurious NVNT ac80 5290MHz Ant2 Emission



5.3G WIFI-MIMO

Maximum Conducted Output Power

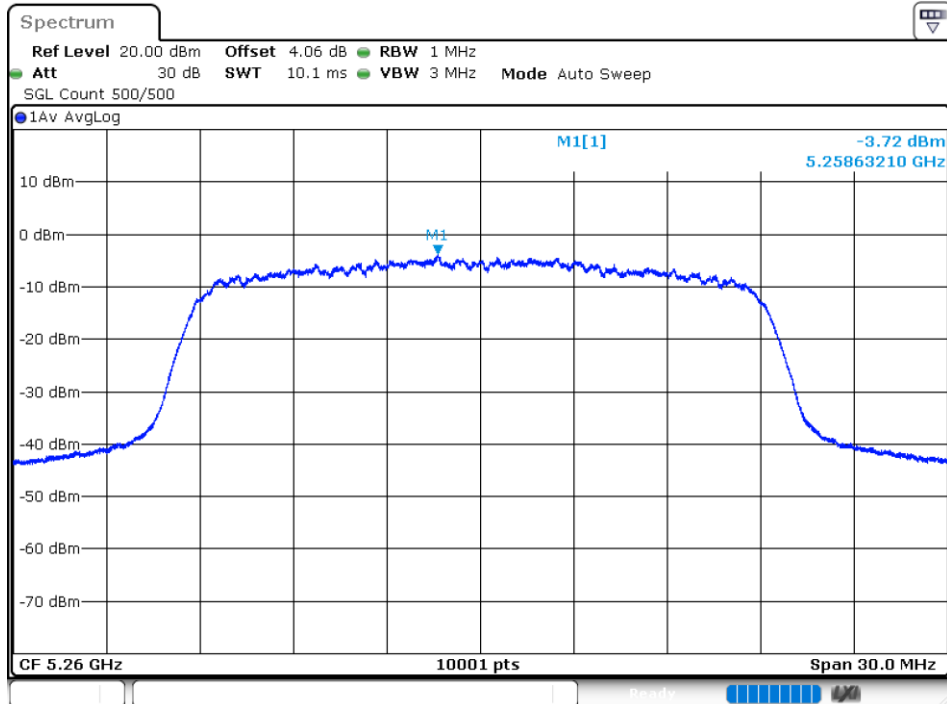
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5260	Ant1	9.63	24	Pass
NVNT	ac20	5260	Ant2	8.76	24	Pass
NVNT	ac20	5260	Sum	12.23	24	Pass
NVNT	ac20	5280	Ant1	9.43	24	Pass
NVNT	ac20	5280	Ant2	8.72	24	Pass
NVNT	ac20	5280	Sum	12.1	24	Pass
NVNT	ac20	5320	Ant1	9.4	24	Pass
NVNT	ac20	5320	Ant2	8.77	24	Pass
NVNT	ac20	5320	Sum	12.11	24	Pass
NVNT	ac40	5270	Ant1	9.71	24	Pass
NVNT	ac40	5270	Ant2	8.69	24	Pass
NVNT	ac40	5270	Sum	12.24	24	Pass
NVNT	ac40	5310	Ant1	9.43	24	Pass
NVNT	ac40	5310	Ant2	8.58	24	Pass
NVNT	ac40	5310	Sum	12.04	24	Pass
NVNT	ac80	5290	Ant1	9.37	24	Pass
NVNT	ac80	5290	Ant2	8.51	24	Pass
NVNT	ac80	5290	Sum	11.97	24	Pass
NVNT	n20	5260	Ant1	9.86	24	Pass
NVNT	n20	5260	Ant2	8.81	24	Pass
NVNT	n20	5260	Sum	12.38	24	Pass
NVNT	n20	5280	Ant1	9.66	24	Pass
NVNT	n20	5280	Ant2	8.81	24	Pass
NVNT	n20	5280	Sum	12.27	24	Pass
NVNT	n20	5320	Ant1	9.53	24	Pass
NVNT	n20	5320	Ant2	8.79	24	Pass
NVNT	n20	5320	Sum	12.19	24	Pass
NVNT	n40	5270	Ant1	9.67	24	Pass
NVNT	n40	5270	Ant2	8.68	24	Pass
NVNT	n40	5270	Sum	12.21	24	Pass
NVNT	n40	5310	Ant1	9.54	24	Pass
NVNT	n40	5310	Ant2	8.71	24	Pass
NVNT	n40	5310	Sum	12.16	24	Pass

Maximum Power Spectral Density Level

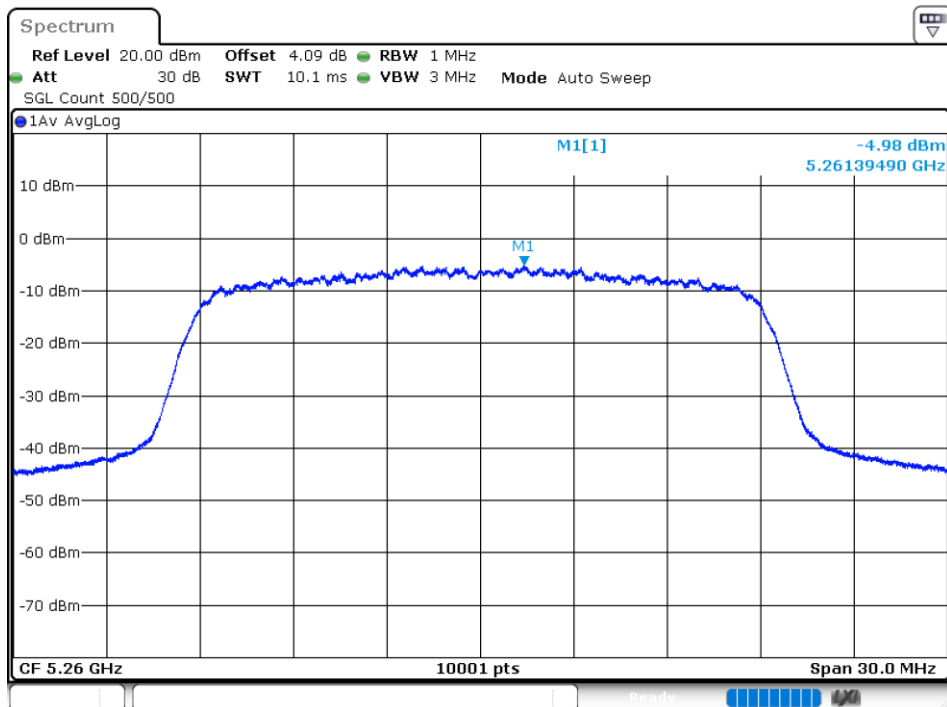
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5260	Ant1	-3.72	0.14	-3.58	11	Pass
NVNT	ac20	5260	Ant2	-4.98	0.14	-4.84	11	Pass
NVNT	ac20	5260	Sum	-1.29	0.14	-1.15	11	Pass
NVNT	ac20	5280	Ant1	-4.2	0.14	-4.06	11	Pass
NVNT	ac20	5280	Ant2	-5.56	0.14	-5.42	11	Pass
NVNT	ac20	5280	Sum	-1.82	0.14	-1.68	11	Pass
NVNT	ac20	5320	Ant1	-4.62	0.14	-4.48	11	Pass
NVNT	ac20	5320	Ant2	-5.54	0.14	-5.4	11	Pass
NVNT	ac20	5320	Sum	-2.05	0.14	-1.91	11	Pass
NVNT	ac40	5270	Ant1	-7.85	0.28	-7.57	11	Pass
NVNT	ac40	5270	Ant2	-9.18	0.28	-8.9	11	Pass
NVNT	ac40	5270	Sum	-5.45	0.28	-5.17	11	Pass
NVNT	ac40	5310	Ant1	-7.13	0.25	-6.88	11	Pass
NVNT	ac40	5310	Ant2	-8.51	0.25	-8.26	11	Pass
NVNT	ac40	5310	Sum	-4.76	0.25	-4.51	11	Pass
NVNT	ac80	5290	Ant1	-13.83	0.52	-13.31	11	Pass
NVNT	ac80	5290	Ant2	-14.73	0.52	-14.21	11	Pass
NVNT	ac80	5290	Sum	-11.25	0.52	-10.73	11	Pass
NVNT	n20	5260	Ant1	-4.48	0.14	-4.34	11	Pass
NVNT	n20	5260	Ant2	-5.2	0.14	-5.06	11	Pass
NVNT	n20	5260	Sum	-1.81	0.14	-1.67	11	Pass
NVNT	n20	5280	Ant1	-3.17	0.14	-3.03	11	Pass
NVNT	n20	5280	Ant2	-3.28	0.14	-3.14	11	Pass
NVNT	n20	5280	Sum	-0.21	0.14	-0.07	11	Pass
NVNT	n20	5320	Ant1	-4.54	0.14	-4.4	11	Pass
NVNT	n20	5320	Ant2	-5.83	0.14	-5.69	11	Pass
NVNT	n20	5320	Sum	-2.13	0.14	-1.99	11	Pass
NVNT	n40	5270	Ant1	-8.04	0.28	-7.76	11	Pass
NVNT	n40	5270	Ant2	-9.61	0.28	-9.33	11	Pass
NVNT	n40	5270	Sum	-5.74	0.28	-5.46	11	Pass
NVNT	n40	5310	Ant1	-7.26	0.28	-6.98	11	Pass
NVNT	n40	5310	Ant2	-8.2	0.28	-7.92	11	Pass
NVNT	n40	5310	Sum	-4.69	0.28	-4.41	11	Pass

Test Graphs

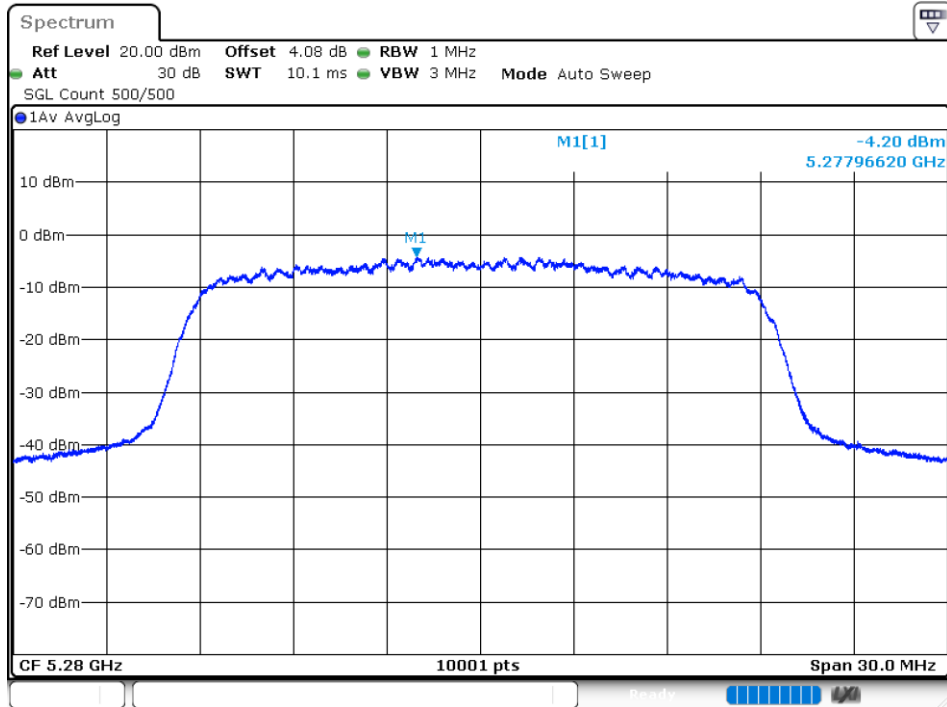
PSD NVNT ac20 5260MHz Ant1



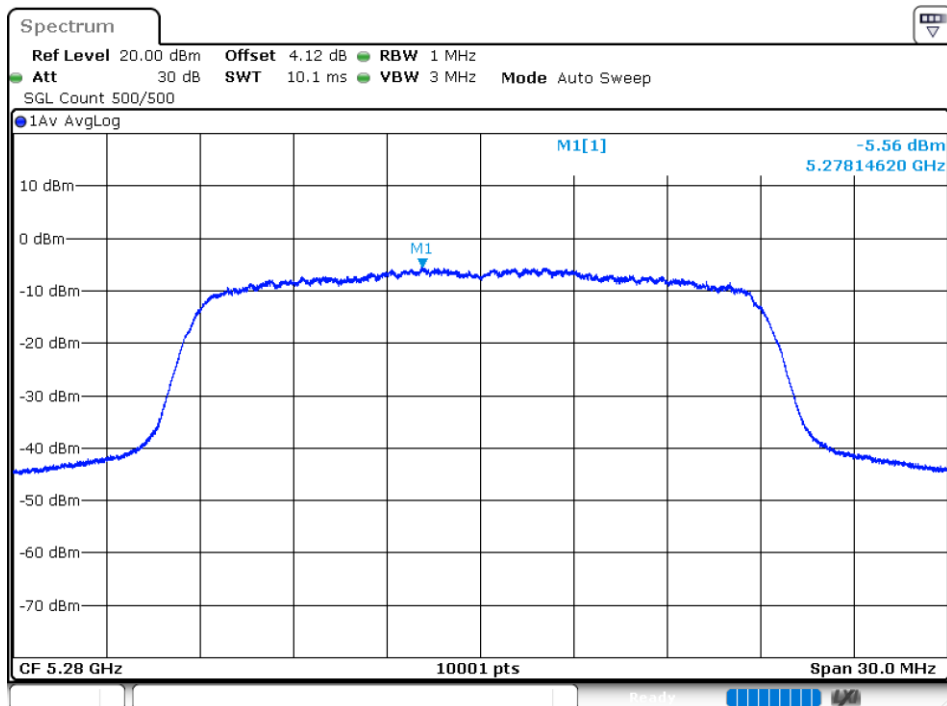
PSD NVNT ac20 5260MHz Ant2



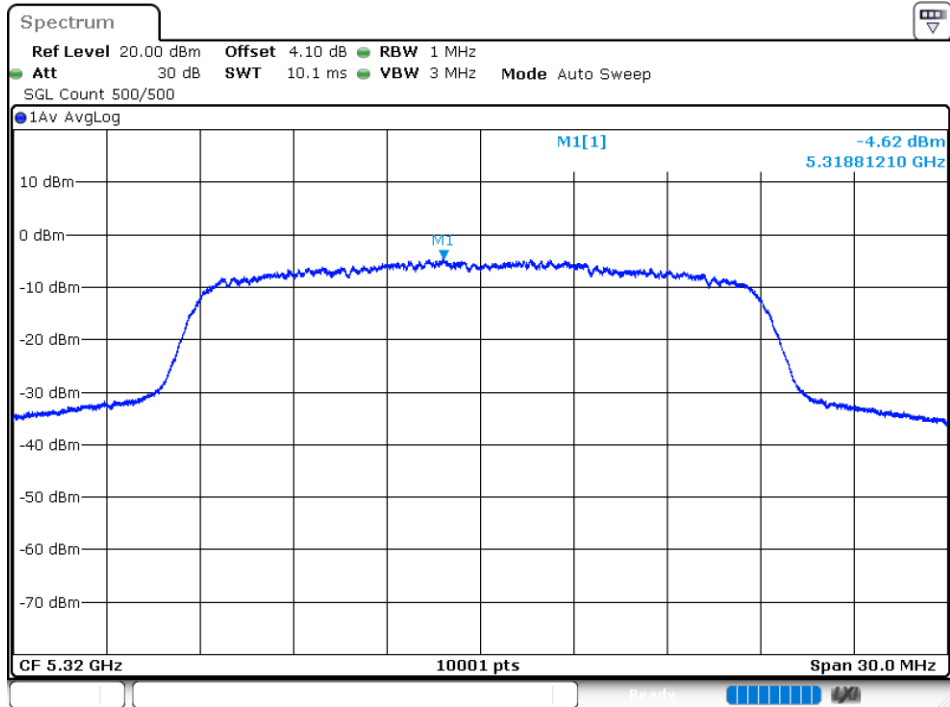
PSD NVNT ac20 5280MHz Ant1



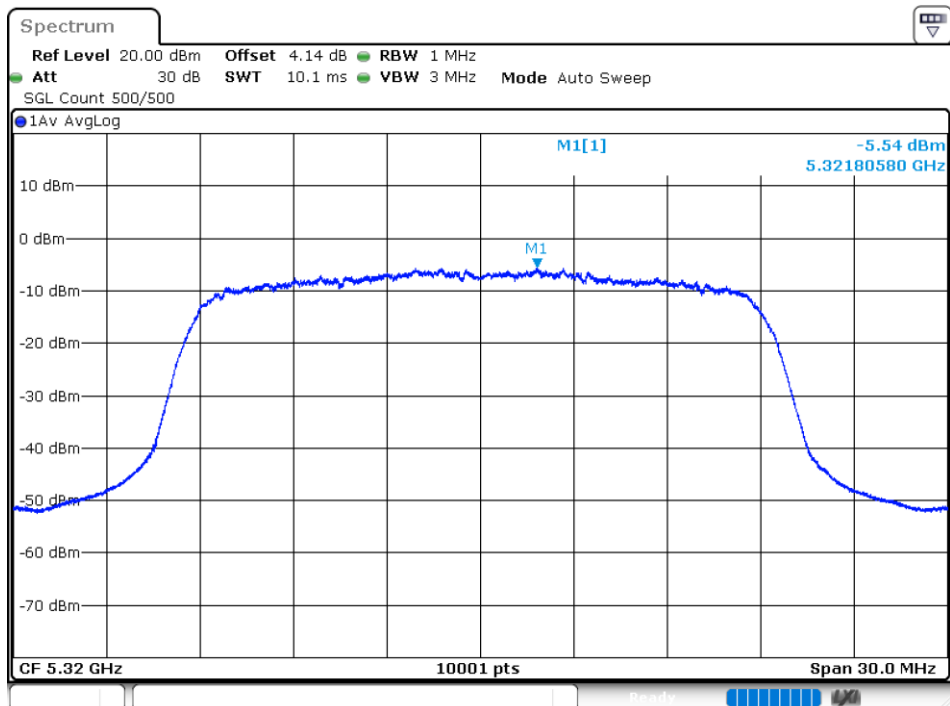
PSD NVNT ac20 5280MHz Ant2



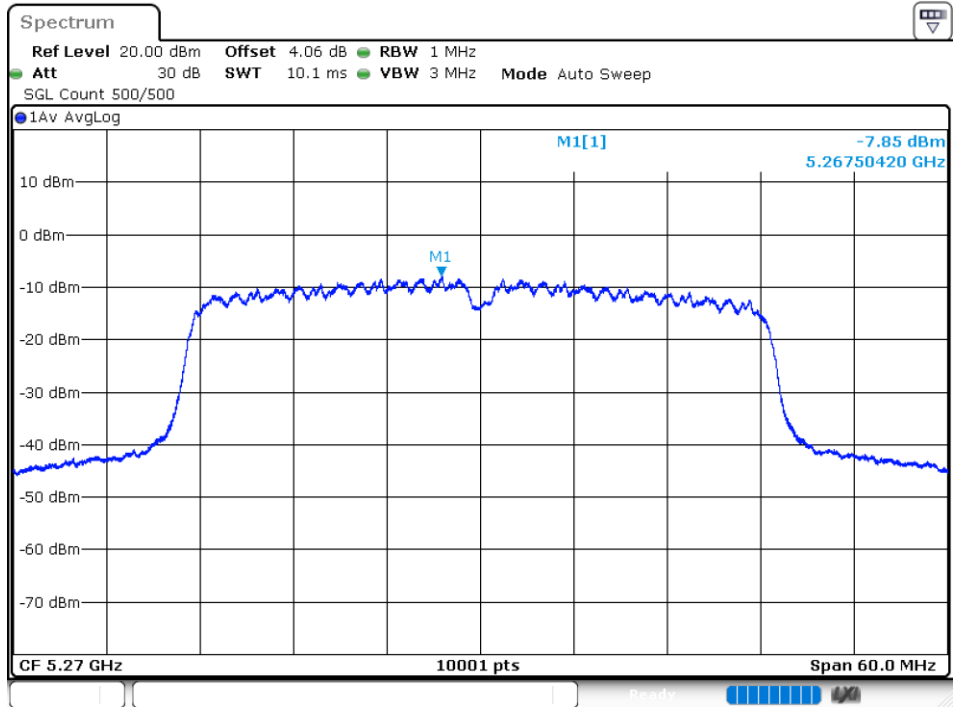
PSD NVNT ac20 5320MHz Ant1



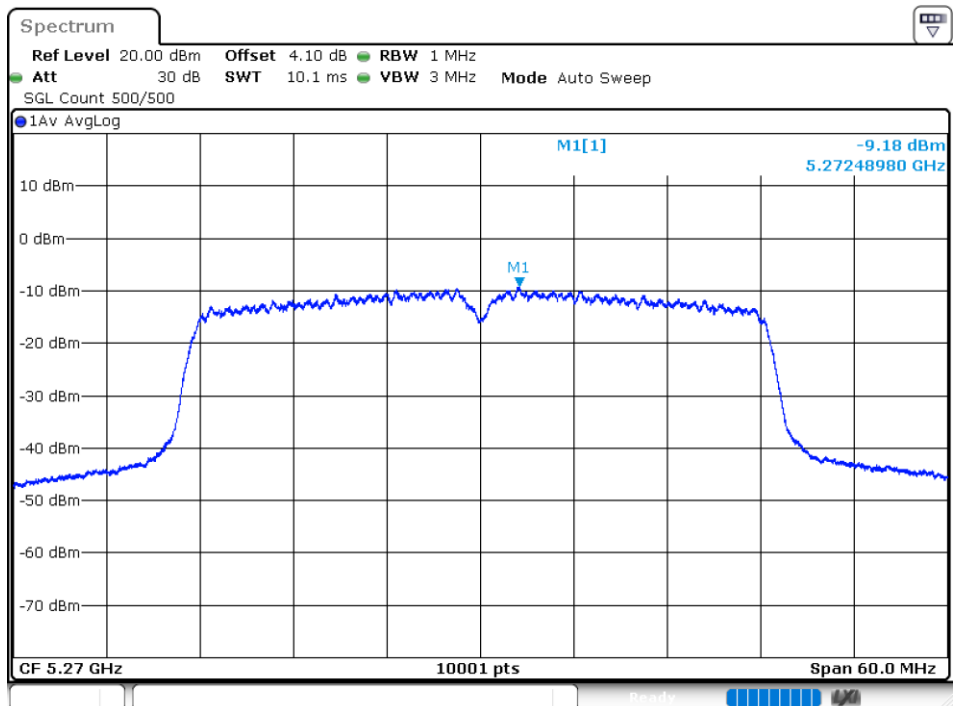
PSD NVNT ac20 5320MHz Ant2



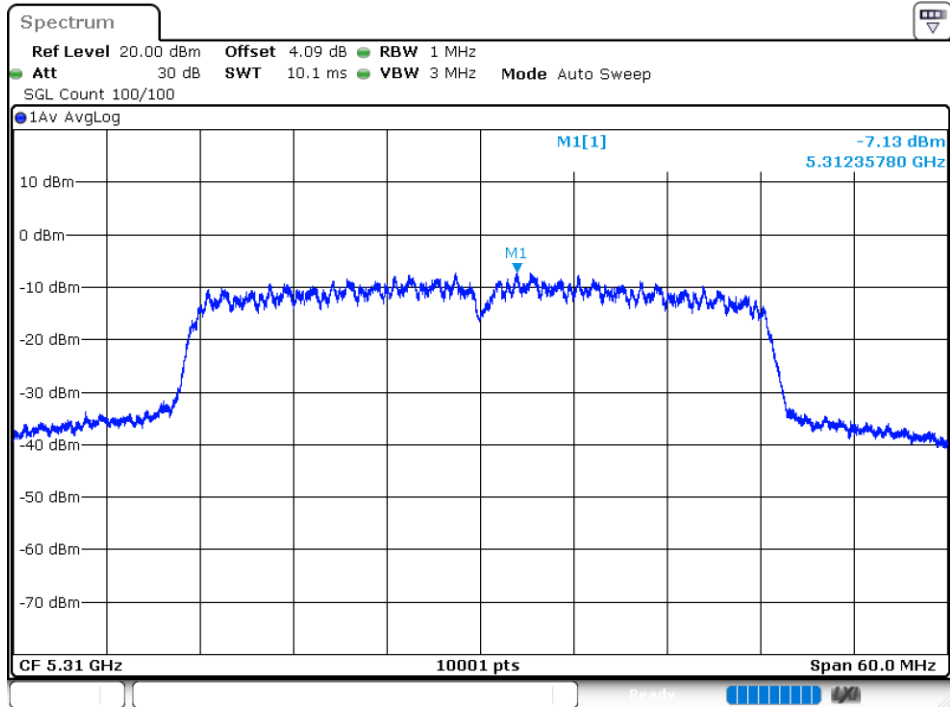
PSD NVNT ac40 5270MHz Ant1



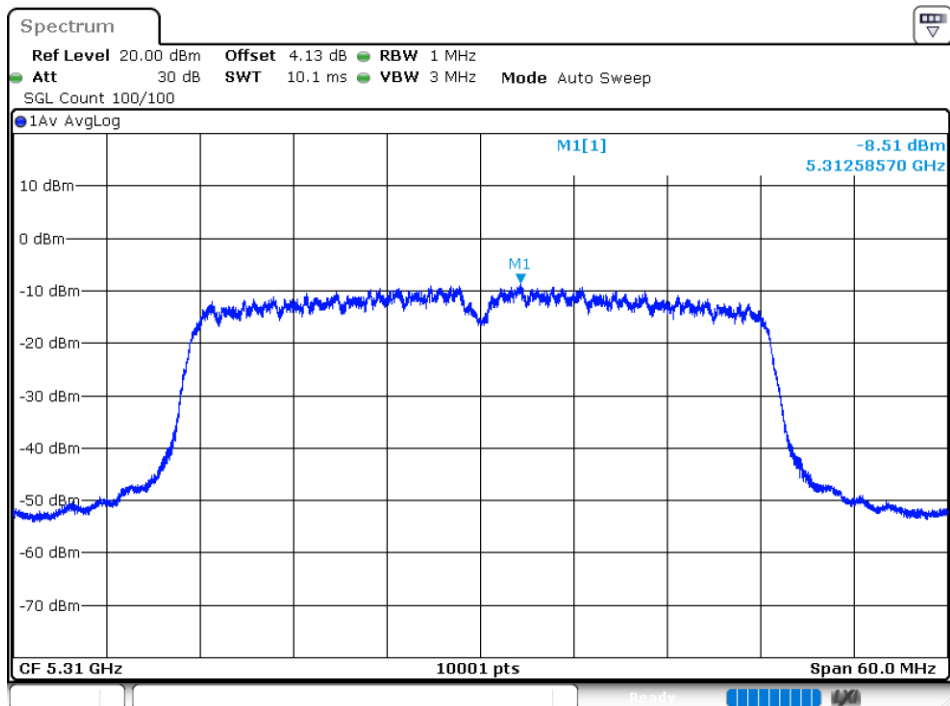
PSD NVNT ac40 5270MHz Ant2



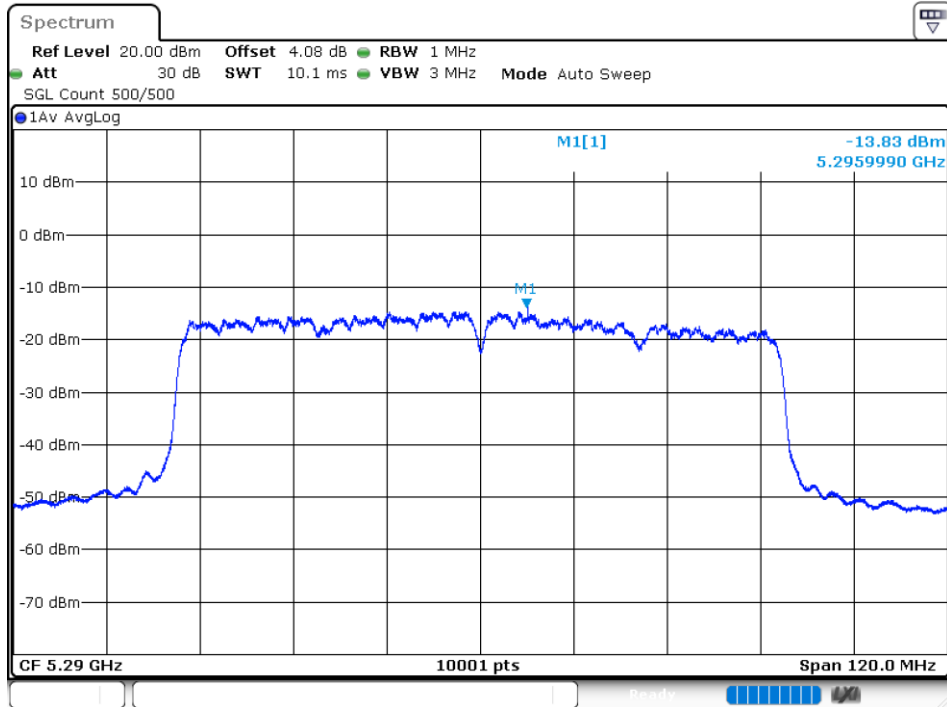
PSD NVNT ac40 5310MHz Ant1



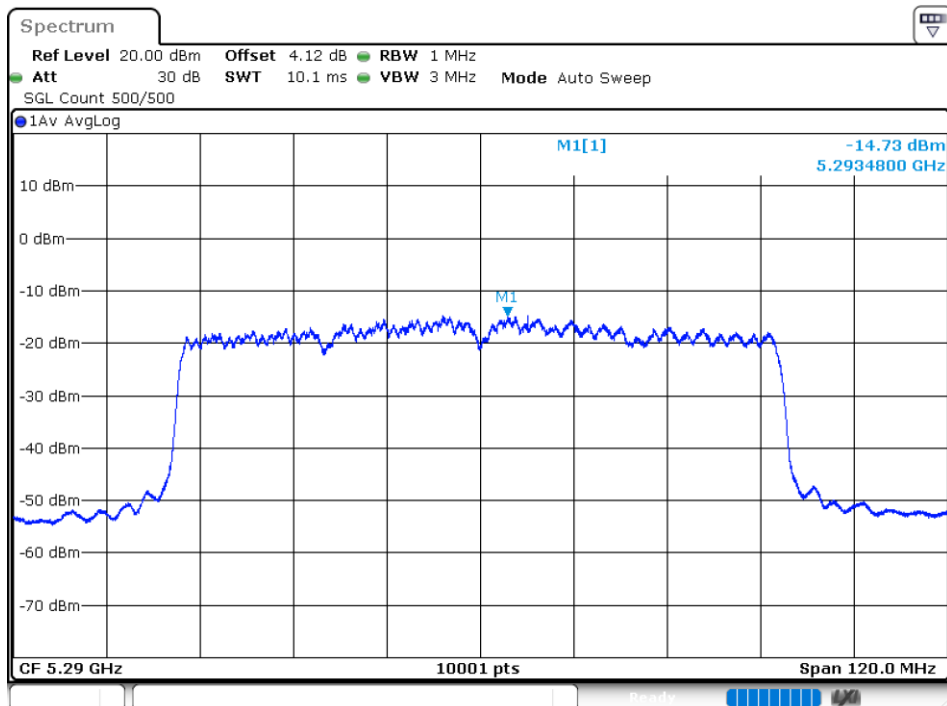
PSD NVNT ac40 5310MHz Ant2



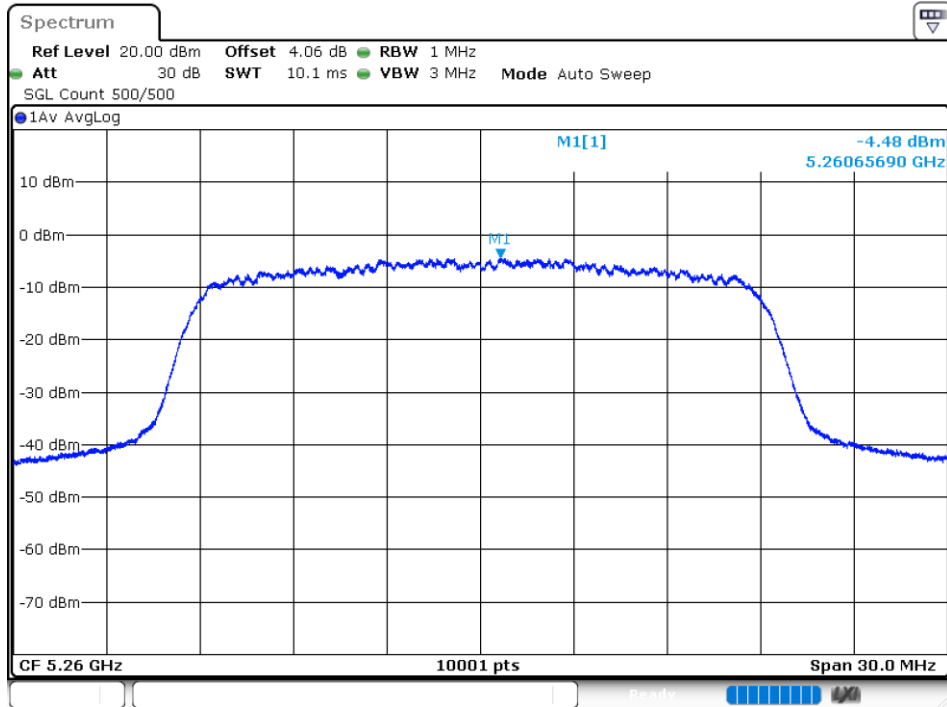
PSD NVNT ac80 5290MHz Ant1



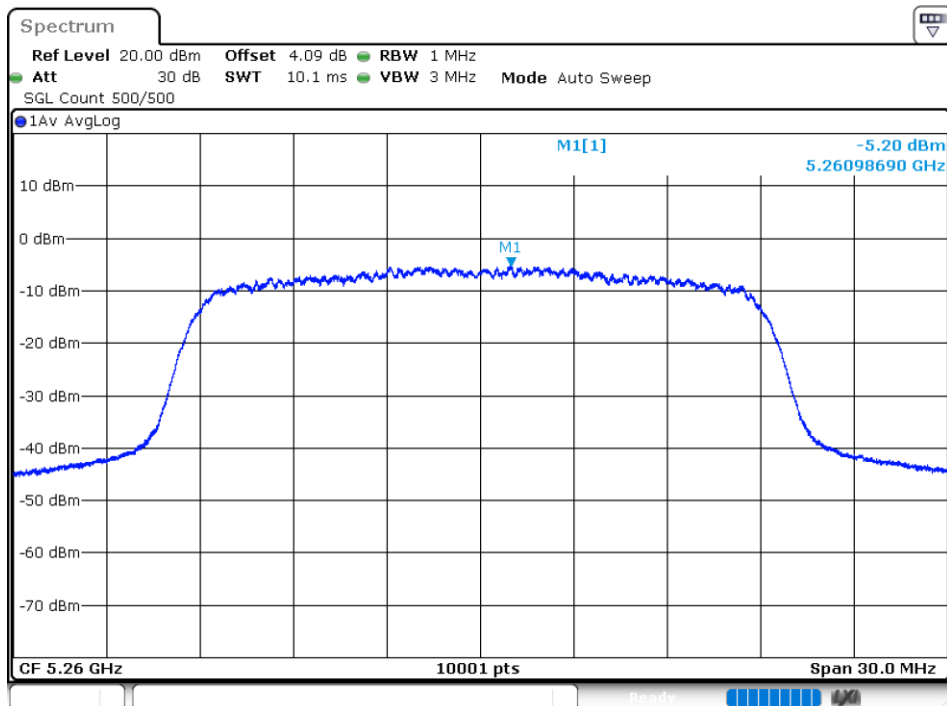
PSD NVNT ac80 5290MHz Ant2



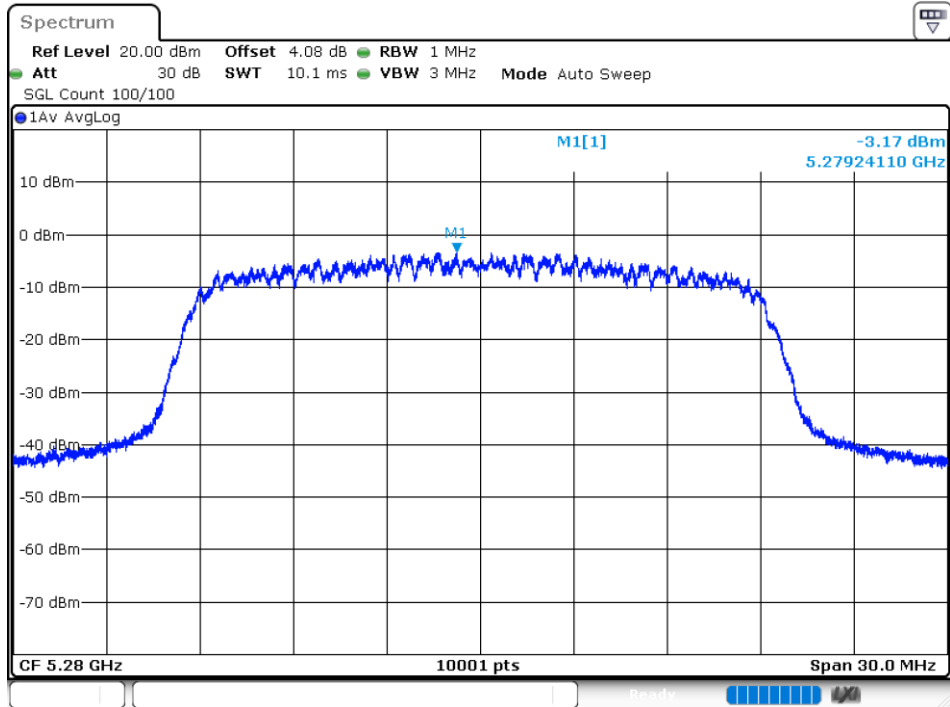
PSD NVNT n20 5260MHz Ant1



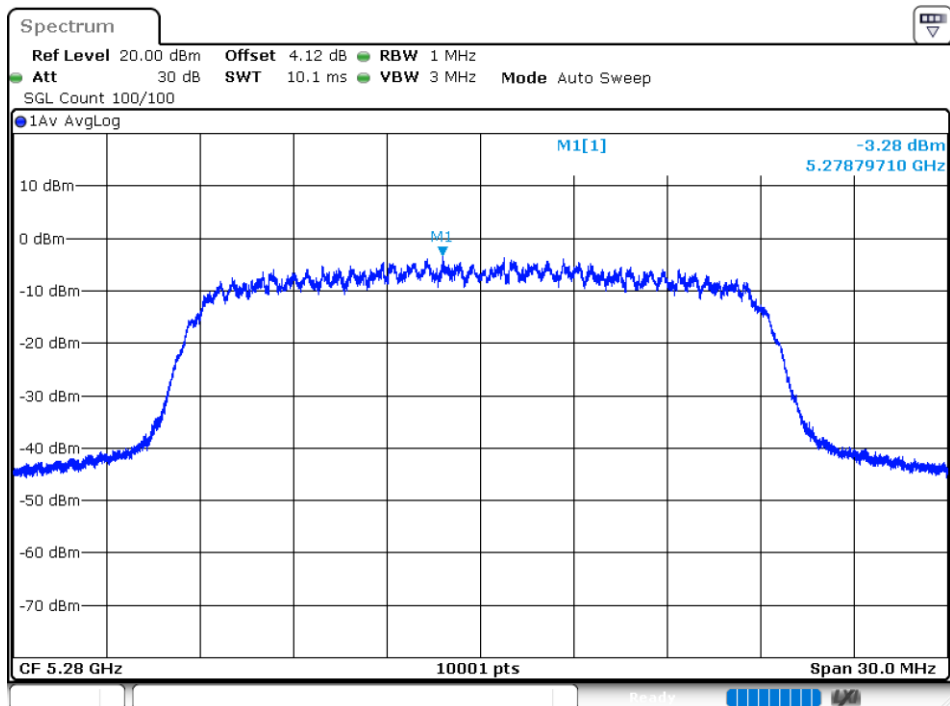
PSD NVNT n20 5260MHz Ant2



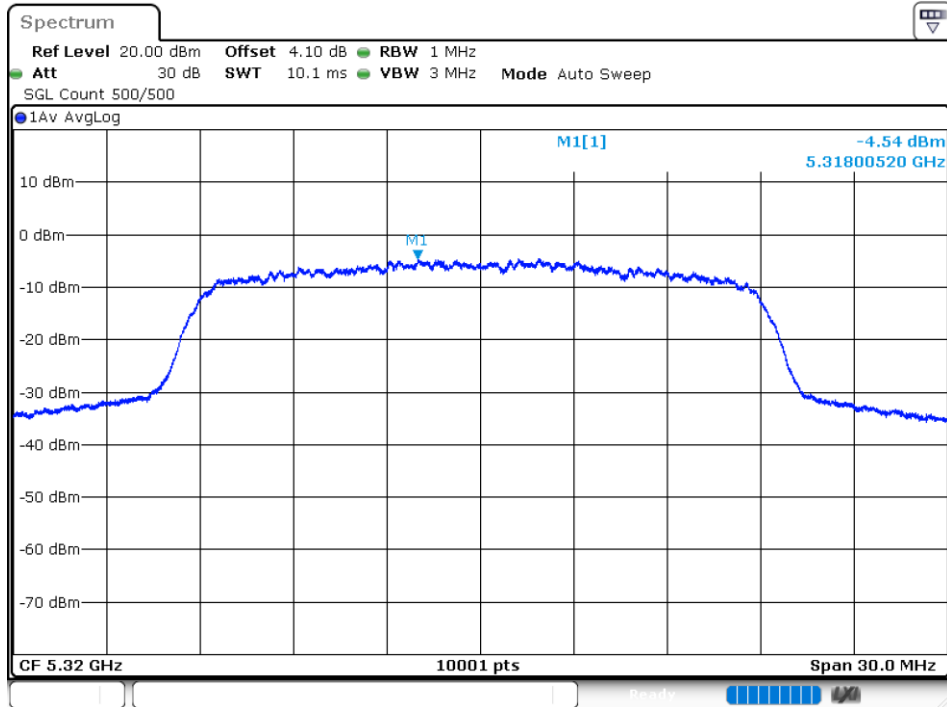
PSD NVNT n20 5280MHz Ant1



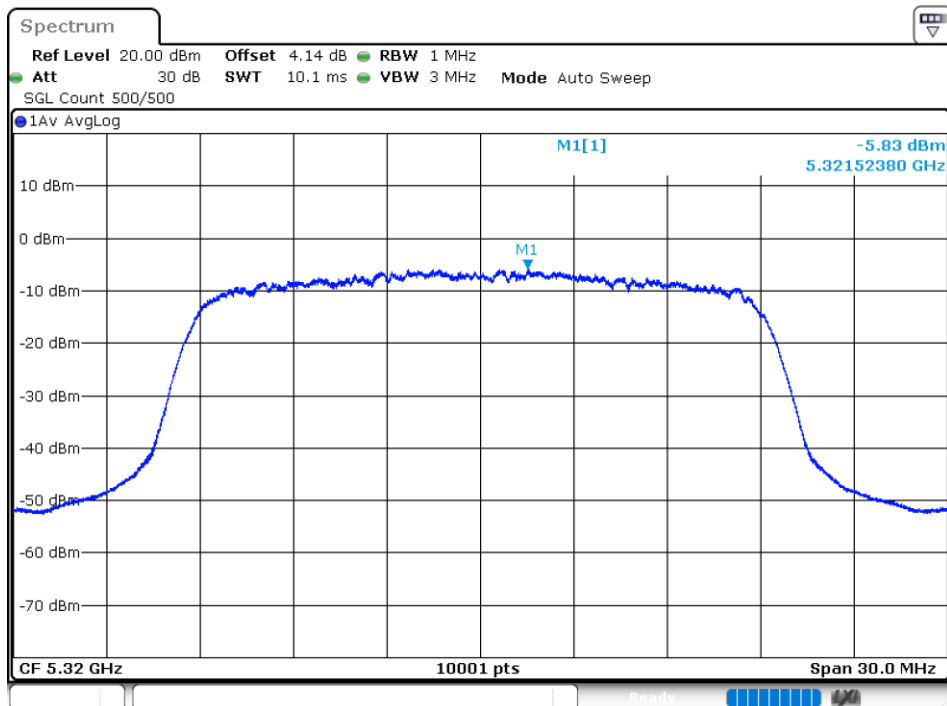
PSD NVNT n20 5280MHz Ant2



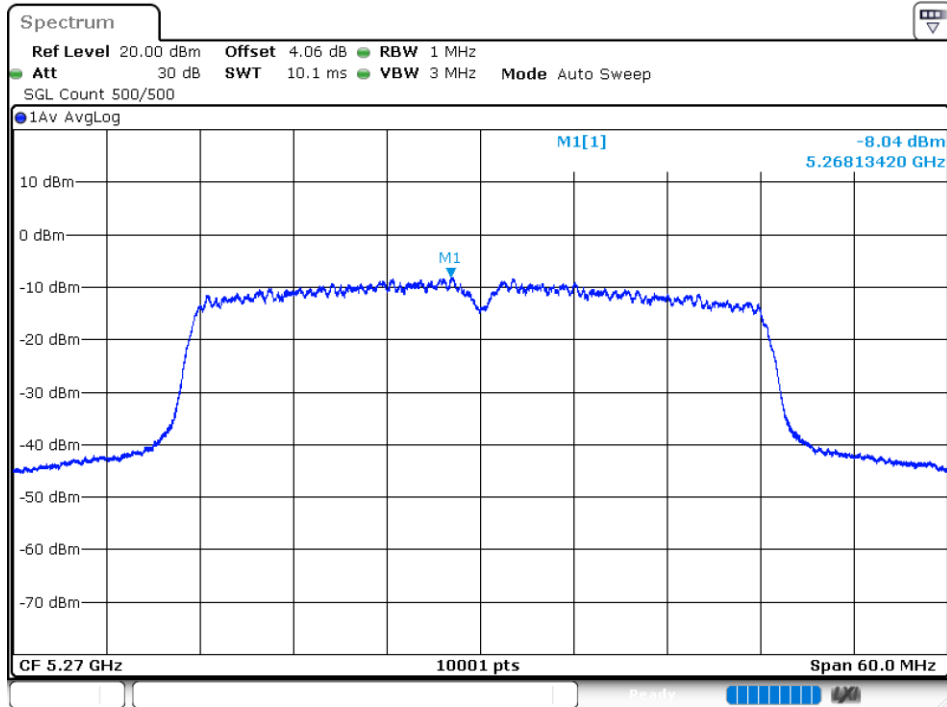
PSD NVNT n20 5320MHz Ant1



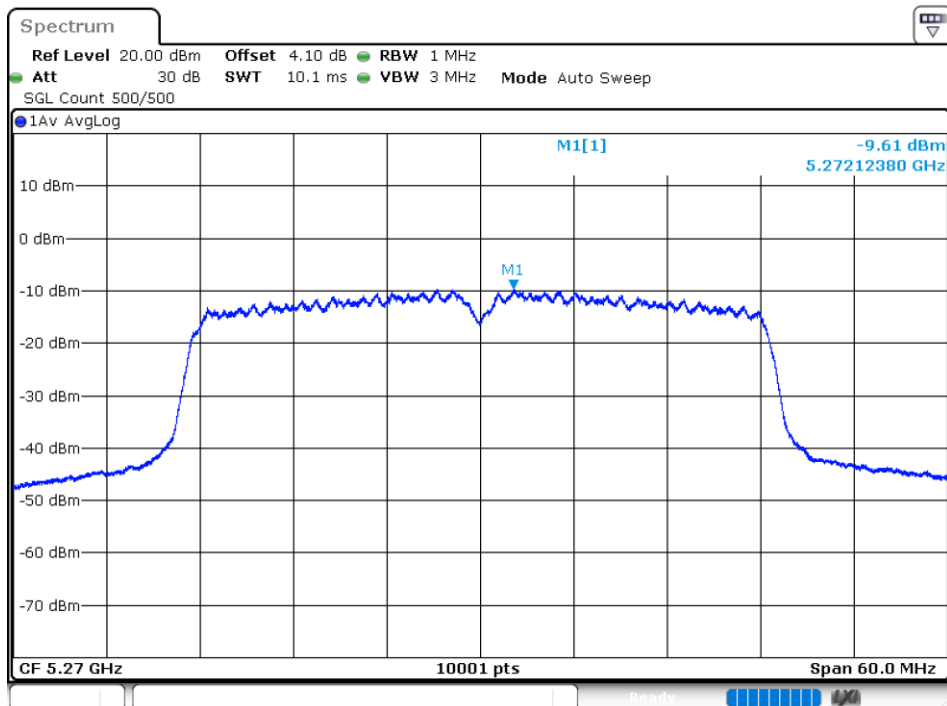
PSD NVNT n20 5320MHz Ant2



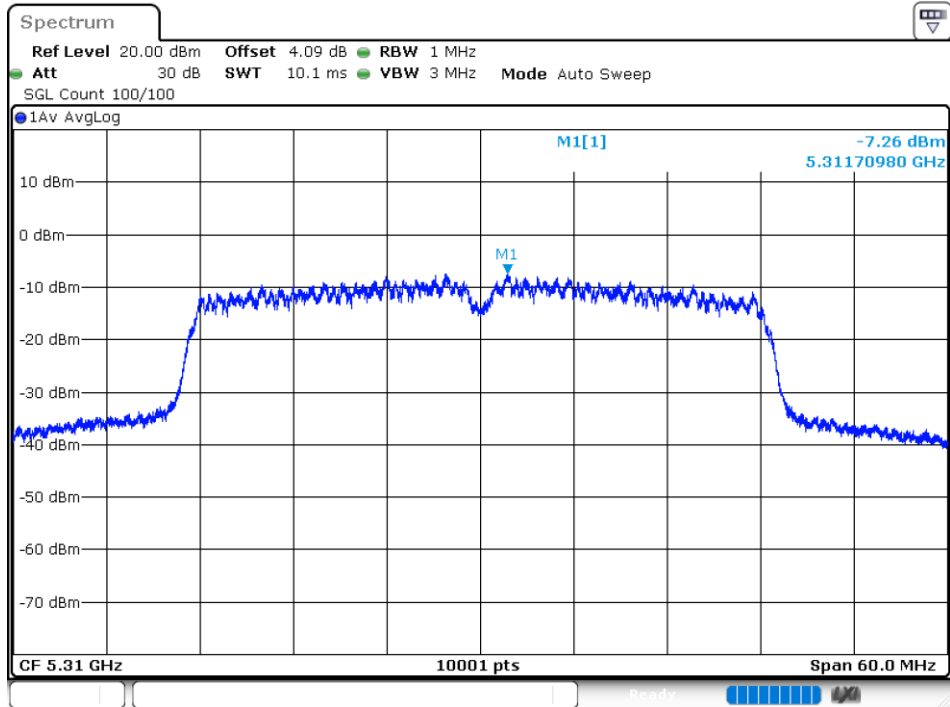
PSD NVNT n40 5270MHz Ant1



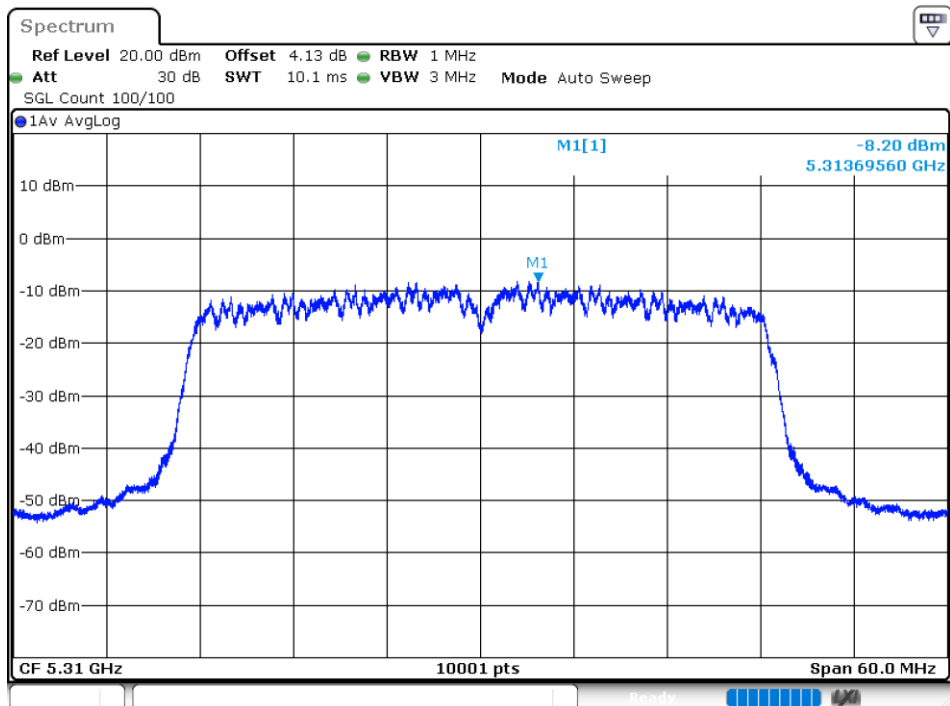
PSD NVNT n40 5270MHz Ant2



PSD NVNT n40 5310MHz Ant1



PSD NVNT n40 5310MHz Ant2

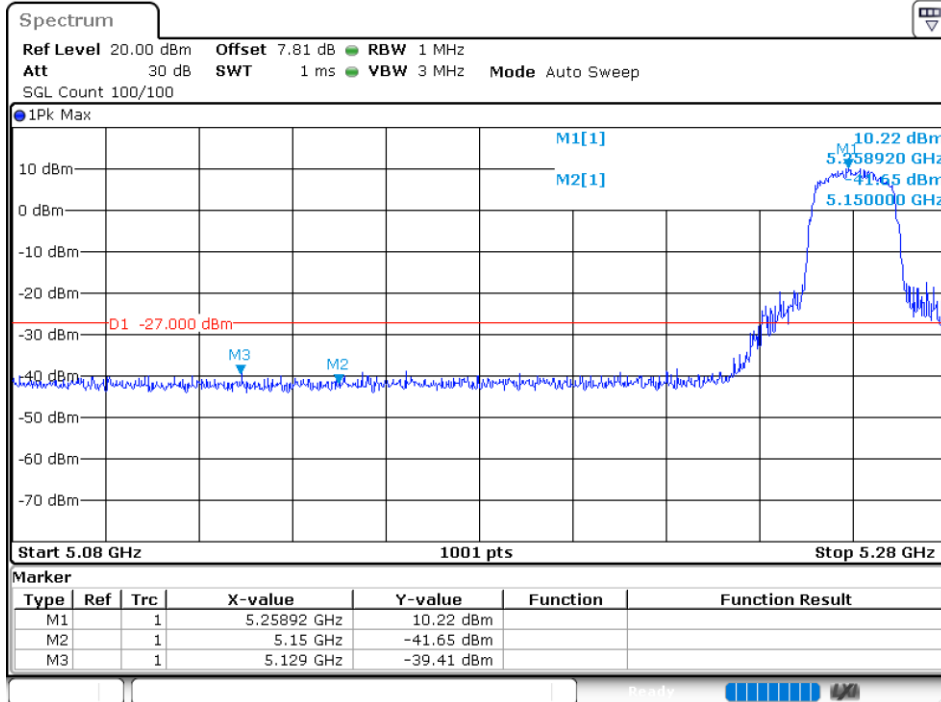


Band Edge

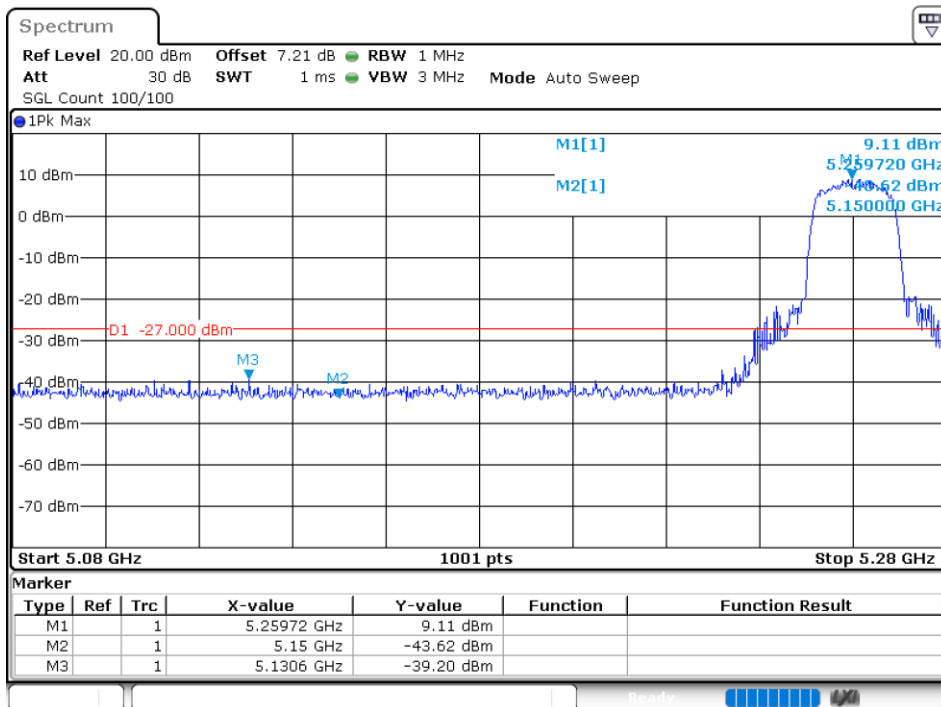
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ac20	5260	Ant1	-39.4	-27	Pass
NVNT	ac20	5260	Ant2	-39.2	-27	Pass
NVNT	ac20	5320	Ant1	-32.71	-27	Pass
NVNT	ac20	5320	Ant2	-38.52	-27	Pass
NVNT	ac40	5270	Ant1	-39.99	-27	Pass
NVNT	ac40	5270	Ant2	-39.87	-27	Pass
NVNT	ac40	5310	Ant1	-28.19	-27	Pass
NVNT	ac40	5310	Ant2	-37.53	-27	Pass
NVNT	ac80	5290	Ant1	-47.85	-27	Pass
NVNT	ac80	5290	Ant2	-47.85	-27	Pass
NVNT	n20	5260	Ant1	-38.85	-27	Pass
NVNT	n20	5260	Ant2	-40.01	-27	Pass
NVNT	n20	5320	Ant1	-31.03	-27	Pass
NVNT	n20	5320	Ant2	-38.6	-27	Pass
NVNT	n40	5270	Ant1	-39.09	-27	Pass
NVNT	n40	5270	Ant2	-40.1	-27	Pass
NVNT	n40	5310	Ant1	-29.02	-27	Pass
NVNT	n40	5310	Ant2	-38.14	-27	Pass

Test Graphs

Band Edge NVNT ac20 5260MHz Low Ant1



Band Edge NVNT ac20 5260MHz Low Ant2

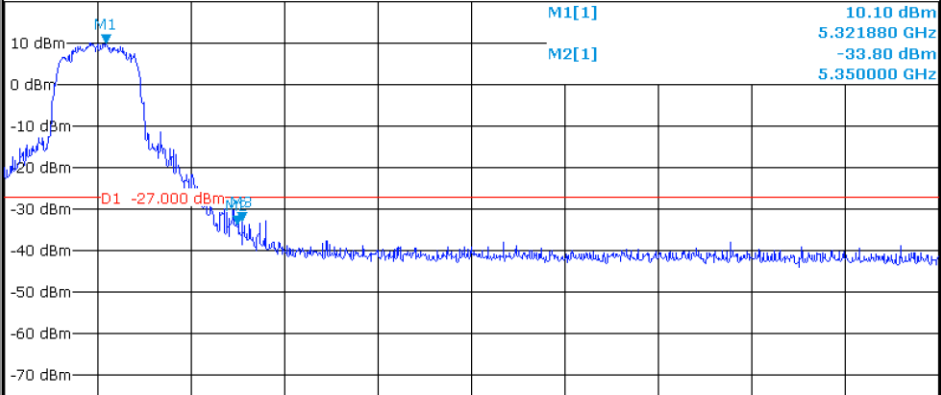


Band Edge NVNT ac20 5320MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 7.85 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

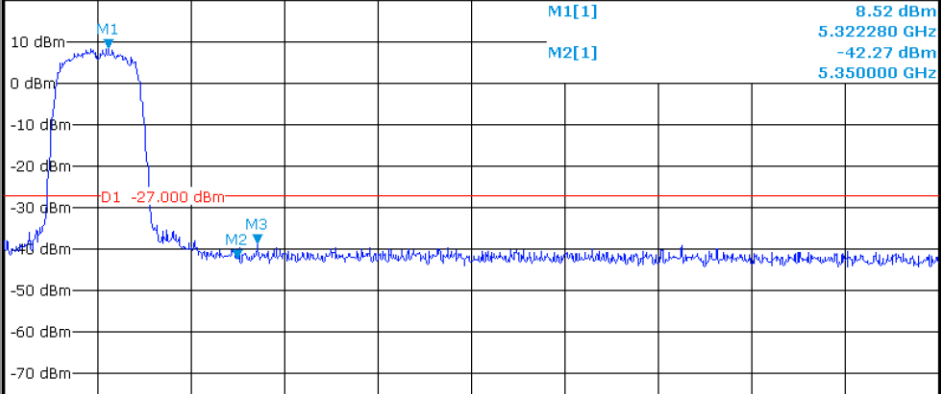
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.32188 GHz	10.10 dBm		
M2	1		5.35 GHz	-33.80 dBm		
M3	1		5.351 GHz	-32.72 dBm		

Band Edge NVNT ac20 5320MHz High Ant2

Spectrum

Ref Level 20.00 dBm Offset 7.26 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

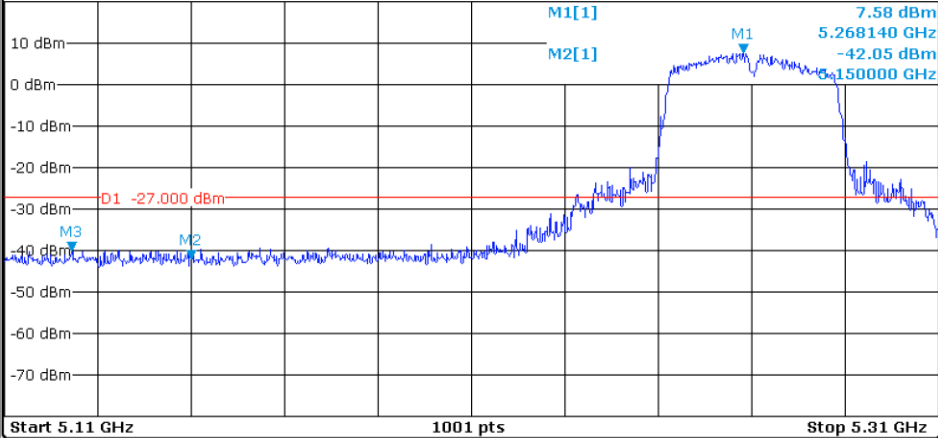
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.32228 GHz	8.52 dBm		
M2	1		5.35 GHz	-42.27 dBm		
M3	1		5.3542 GHz	-38.53 dBm		

Band Edge NVNT ac40 5270MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 7.81 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

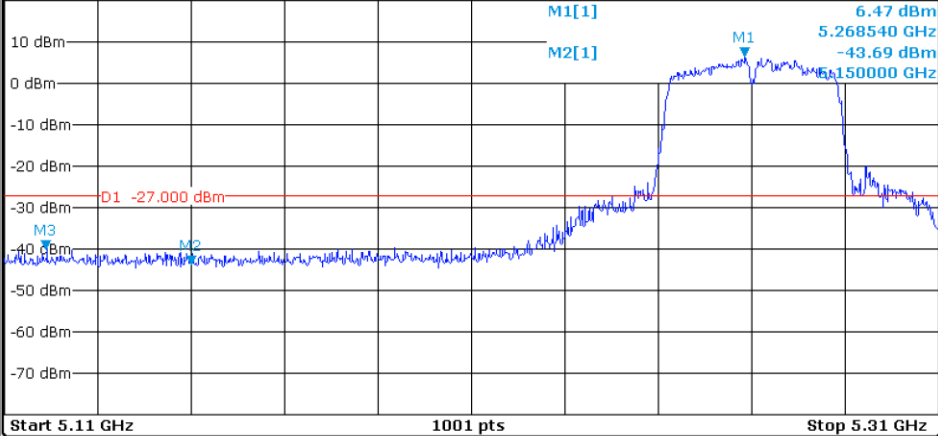
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.26814 GHz	7.58 dBm		
M2		1	5.15 GHz	-42.05 dBm		
M3		1	5.1244 GHz	-40.00 dBm		

Band Edge NVNT ac40 5270MHz Low Ant2

Spectrum

Ref Level 20.00 dBm Offset 7.22 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

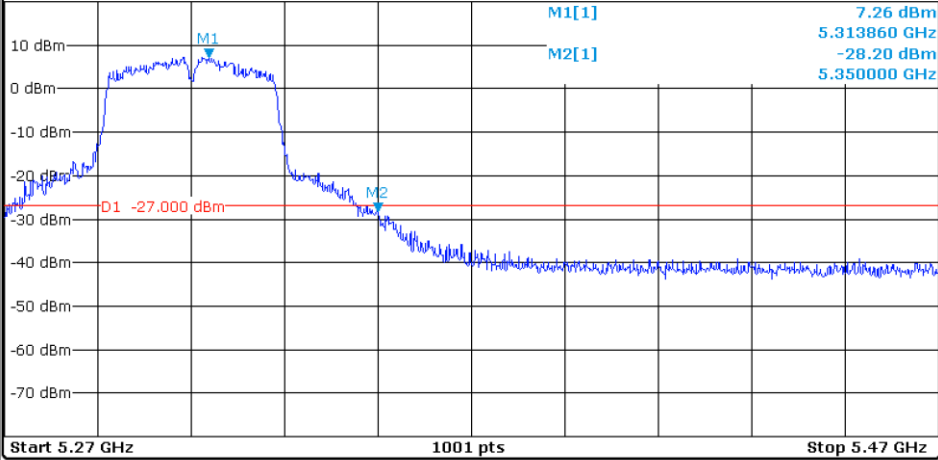
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.26854 GHz	6.47 dBm		
M2		1	5.15 GHz	-43.69 dBm		
M3		1	5.119 GHz	-39.88 dBm		

Band Edge NVNT ac40 5310MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 7.84 dB RBW 1 MHz
 Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
 SGL Count 100/100

1Pk Max



Marker

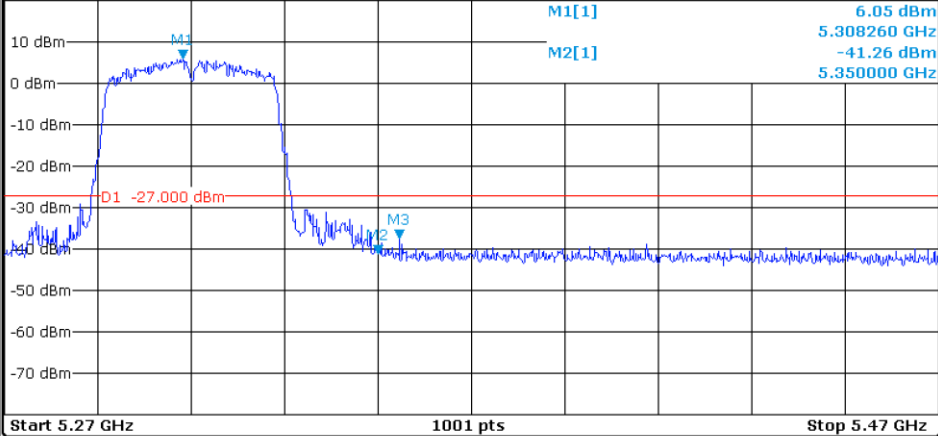
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.31386 GHz	7.26 dBm		
M2		1	5.35 GHz	-28.20 dBm		

Band Edge NVNT ac40 5310MHz High Ant2

Spectrum

Ref Level 20.00 dBm Offset 7.25 dB RBW 1 MHz
 Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
 SGL Count 100/100

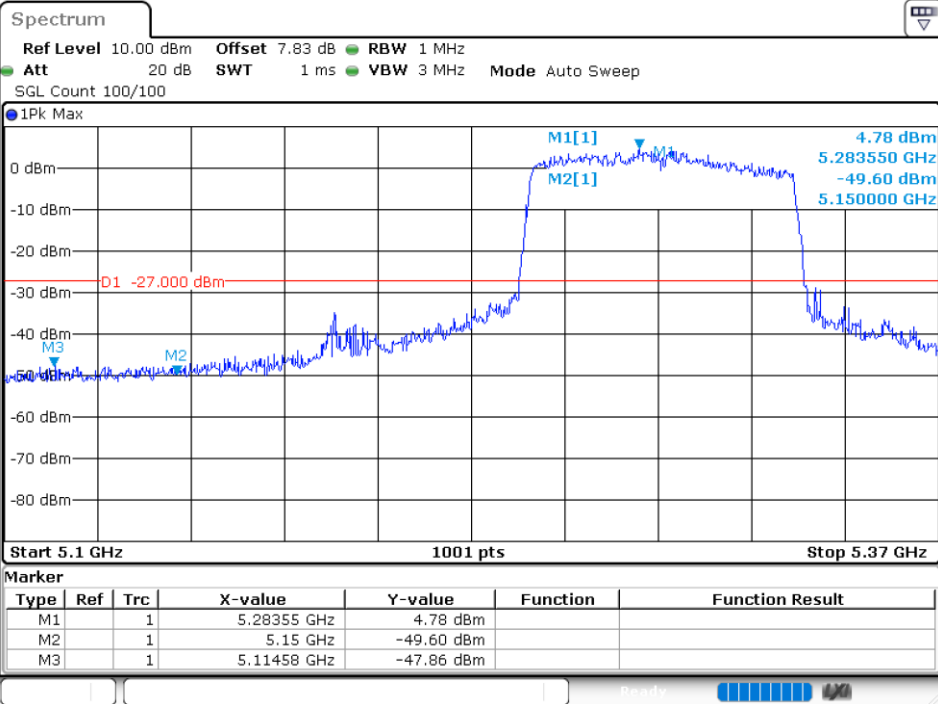
1Pk Max



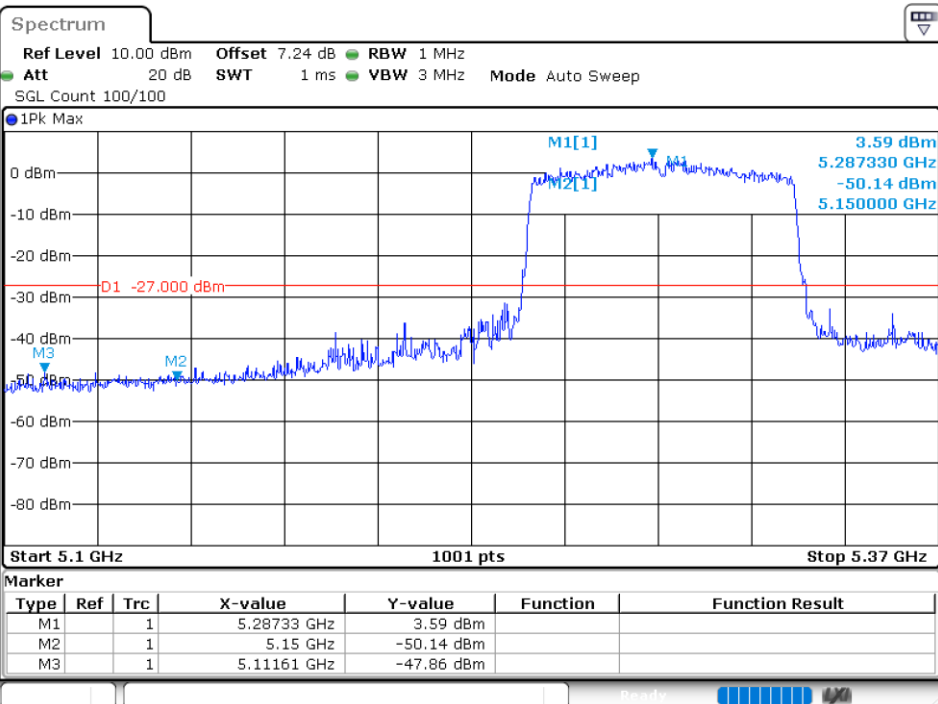
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.30826 GHz	6.05 dBm		
M2		1	5.35 GHz	-41.26 dBm		
M3		1	5.3546 GHz	-37.53 dBm		

Band Edge NVNT ac80 5290MHz Low Ant1



Band Edge NVNT ac80 5290MHz Low Ant2

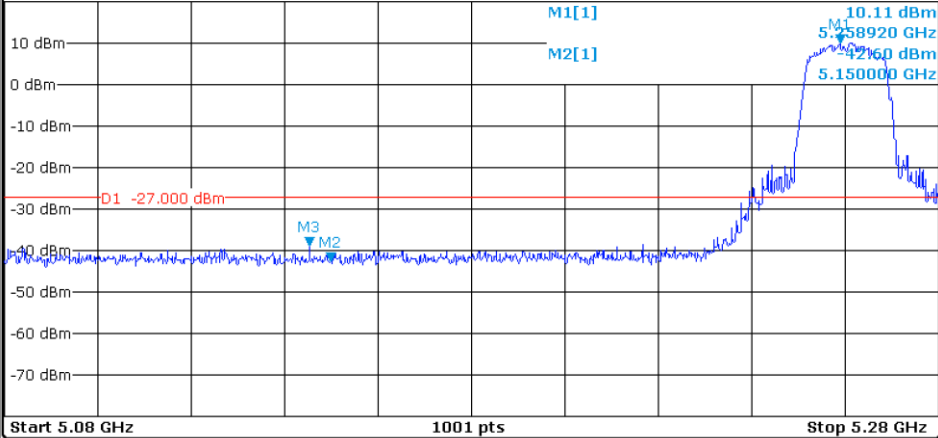


Band Edge NVNT n20 5260MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 7.81 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

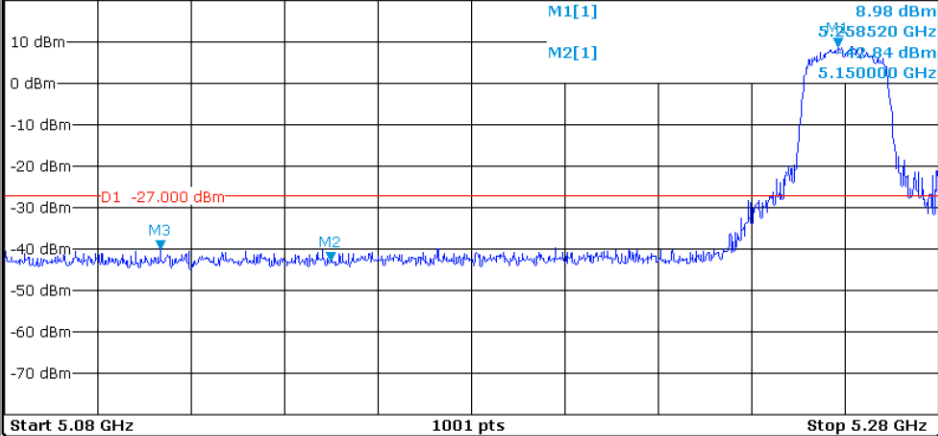
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.25892 GHz	10.11 dBm		
M2		1	5.15 GHz	-42.60 dBm		
M3		1	5.1454 GHz	-38.86 dBm		

Band Edge NVNT n20 5260MHz Low Ant2

Spectrum

Ref Level 20.00 dBm Offset 7.21 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

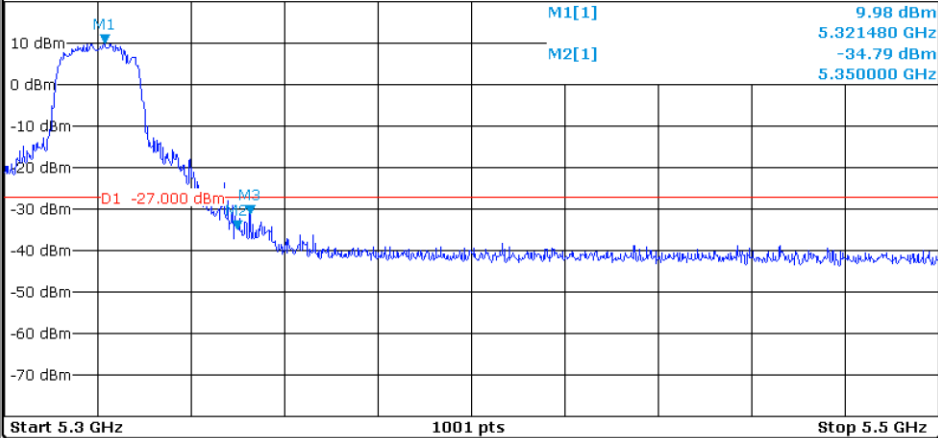
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.25852 GHz	8.98 dBm		
M2		1	5.15 GHz	-42.84 dBm		
M3		1	5.1134 GHz	-40.01 dBm		

Band Edge NVNT n20 5320MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 7.85 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

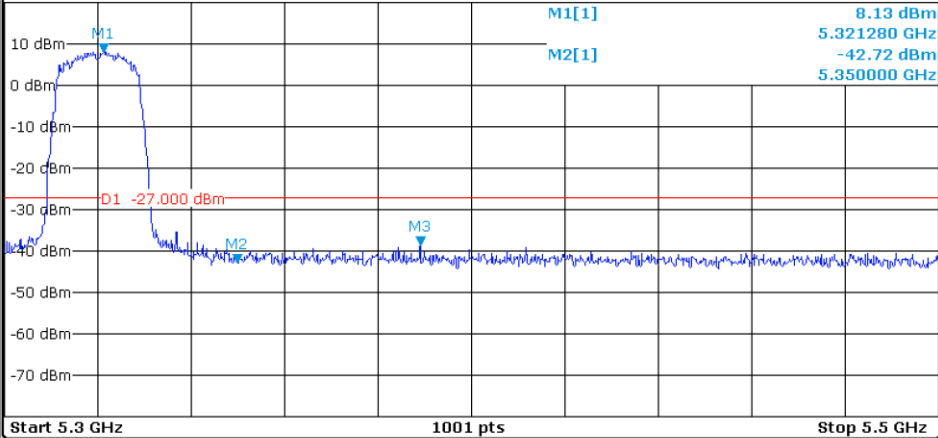
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.32148 GHz	9.98 dBm		
M2	1		5.35 GHz	-34.79 dBm		
M3	1		5.3526 GHz	-31.04 dBm		

Band Edge NVNT n20 5320MHz High Ant2

Spectrum

Ref Level 20.00 dBm Offset 7.26 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

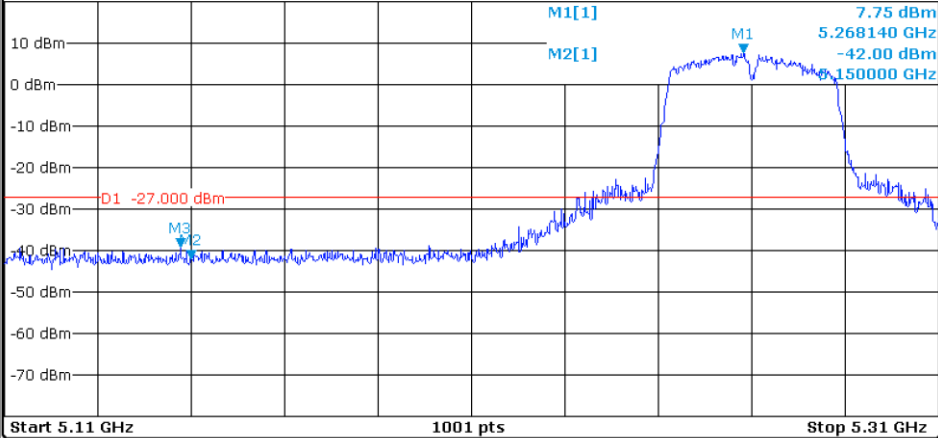
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.32128 GHz	8.13 dBm		
M2	1		5.35 GHz	-42.72 dBm		
M3	1		5.389 GHz	-38.61 dBm		

Band Edge NVNT n40 5270MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 7.81 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

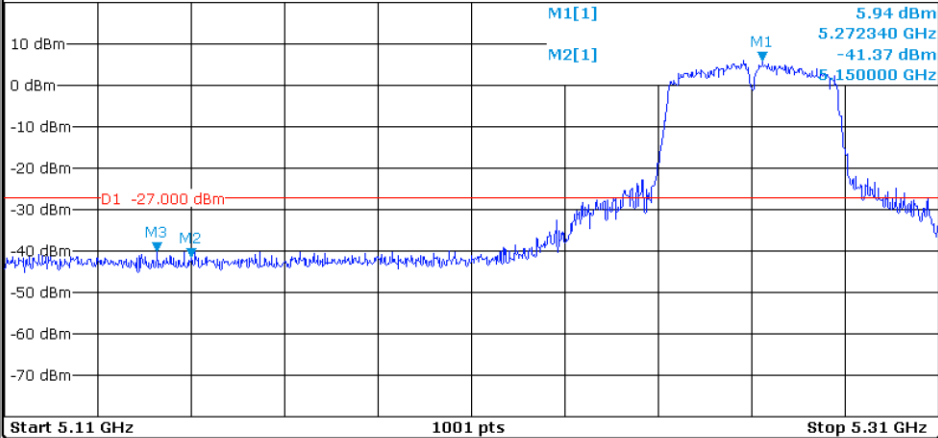
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.26814 GHz	7.75 dBm		
M2	1		5.15 GHz	-42.00 dBm		
M3	1		5.1478 GHz	-39.09 dBm		

Band Edge NVNT n40 5270MHz Low Ant2

Spectrum

Ref Level 20.00 dBm Offset 7.22 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

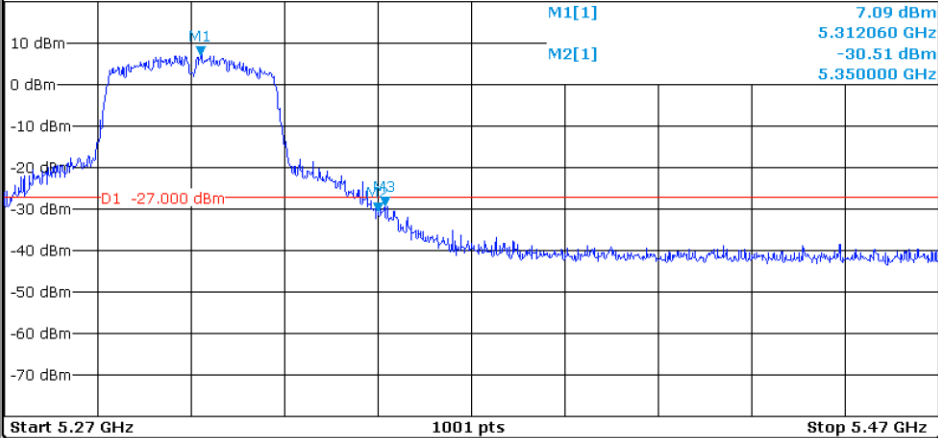
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.27234 GHz	5.94 dBm		
M2	1		5.15 GHz	-41.37 dBm		
M3	1		5.1426 GHz	-40.10 dBm		

Band Edge NVNT n40 5310MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 7.84 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

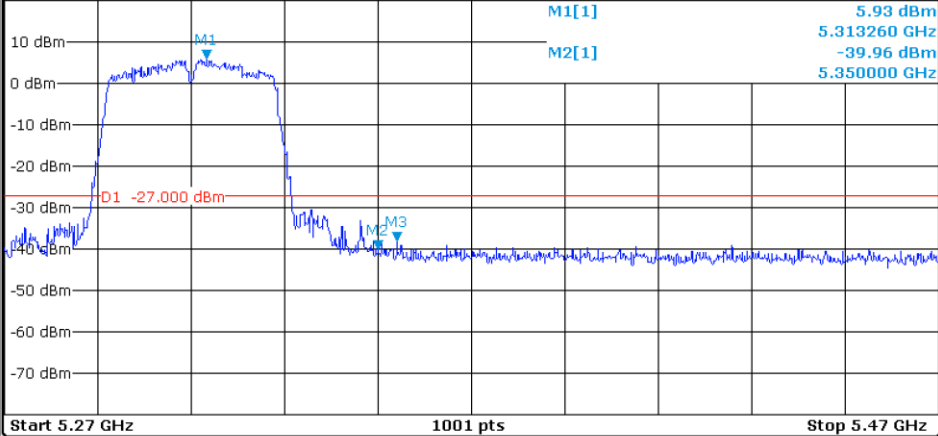
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.31206 GHz	7.09 dBm		
M2	1	1	5.35 GHz	-30.51 dBm		
M3	1	1	5.3516 GHz	-29.02 dBm		

Band Edge NVNT n40 5310MHz High Ant2

Spectrum

Ref Level 20.00 dBm Offset 7.25 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

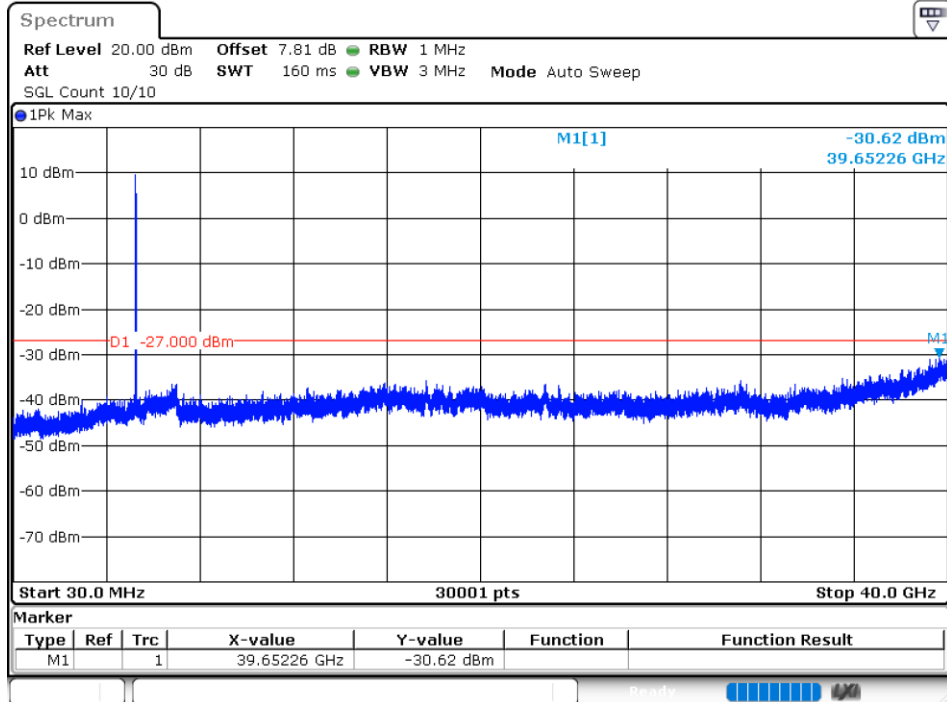
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.31326 GHz	5.93 dBm		
M2	1	1	5.35 GHz	-39.96 dBm		
M3	1	1	5.354 GHz	-38.14 dBm		

Conducted RF Spurious Emission

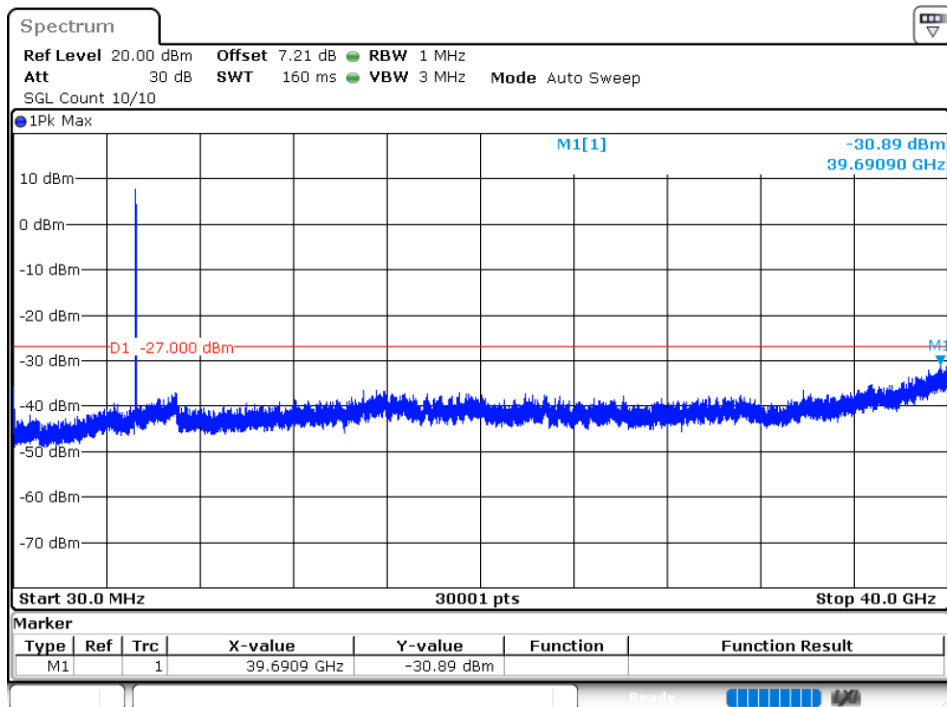
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ac20	5260	Ant1	-30.61	-27	Pass
NVNT	ac20	5260	Ant2	-30.88	-27	Pass
NVNT	ac20	5280	Ant1	-30.02	-27	Pass
NVNT	ac20	5280	Ant2	-31.33	-27	Pass
NVNT	ac20	5320	Ant1	-30.62	-27	Pass
NVNT	ac20	5320	Ant2	-30.99	-27	Pass
NVNT	ac40	5270	Ant1	-29.92	-27	Pass
NVNT	ac40	5270	Ant2	-30.49	-27	Pass
NVNT	ac40	5310	Ant1	-30.12	-27	Pass
NVNT	ac40	5310	Ant2	-28.76	-27	Pass
NVNT	ac80	5290	Ant1	-39.66	-27	Pass
NVNT	ac80	5290	Ant2	-30.63	-27	Pass
NVNT	n20	5260	Ant1	-30.22	-27	Pass
NVNT	n20	5260	Ant2	-30.45	-27	Pass
NVNT	n20	5280	Ant1	-30.64	-27	Pass
NVNT	n20	5280	Ant2	-30.89	-27	Pass
NVNT	n20	5320	Ant1	-30.42	-27	Pass
NVNT	n20	5320	Ant2	-31.45	-27	Pass
NVNT	n40	5270	Ant1	-30.37	-27	Pass
NVNT	n40	5270	Ant2	-27.89	-27	Pass
NVNT	n40	5310	Ant1	-30.3	-27	Pass
NVNT	n40	5310	Ant2	-29.99	-27	Pass

Test Graphs

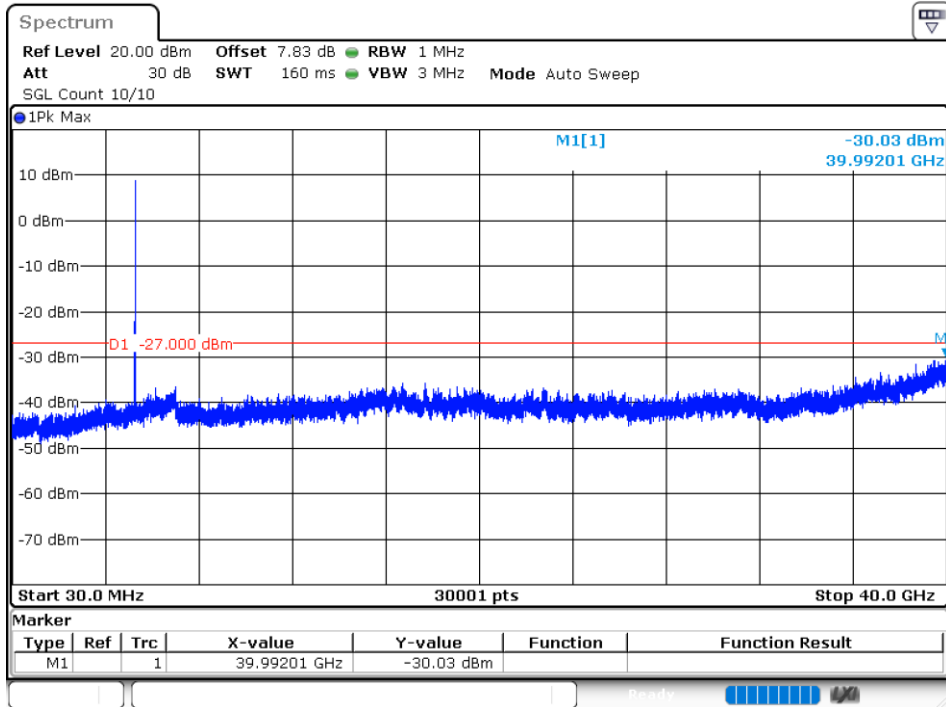
Tx. Spurious NVNT ac20 5260MHz Ant1 Emission



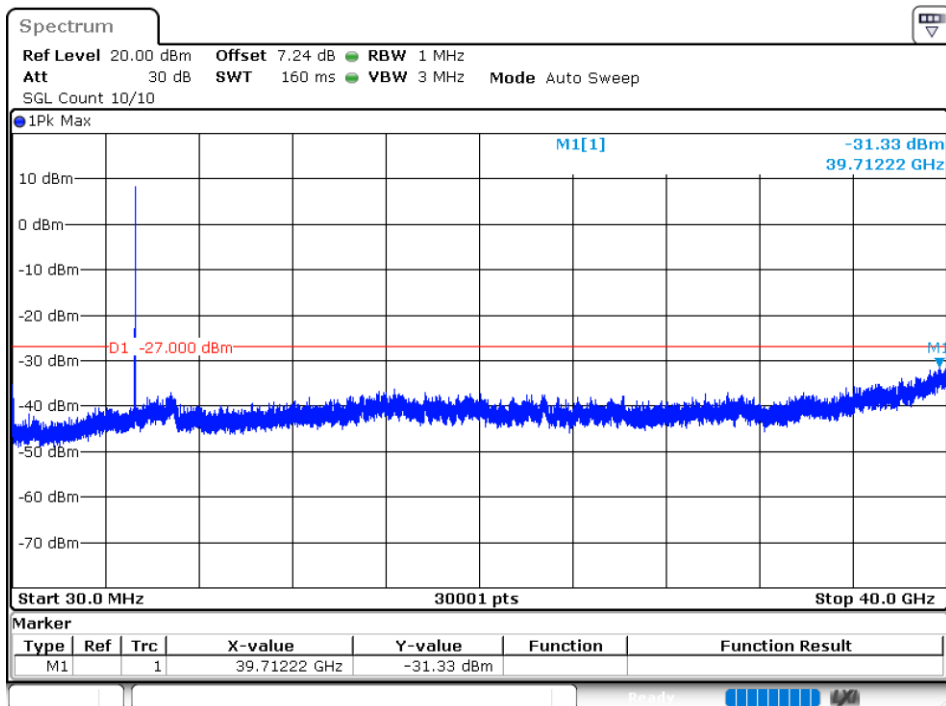
Tx. Spurious NVNT ac20 5260MHz Ant2 Emission



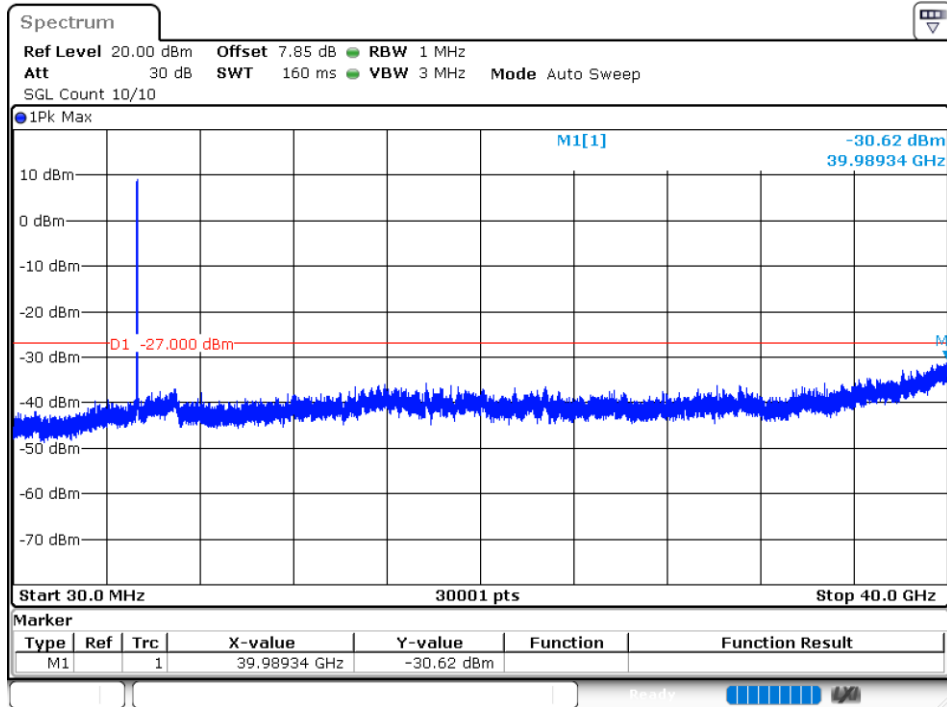
Tx. Spurious NVNT ac20 5280MHz Ant1 Emission



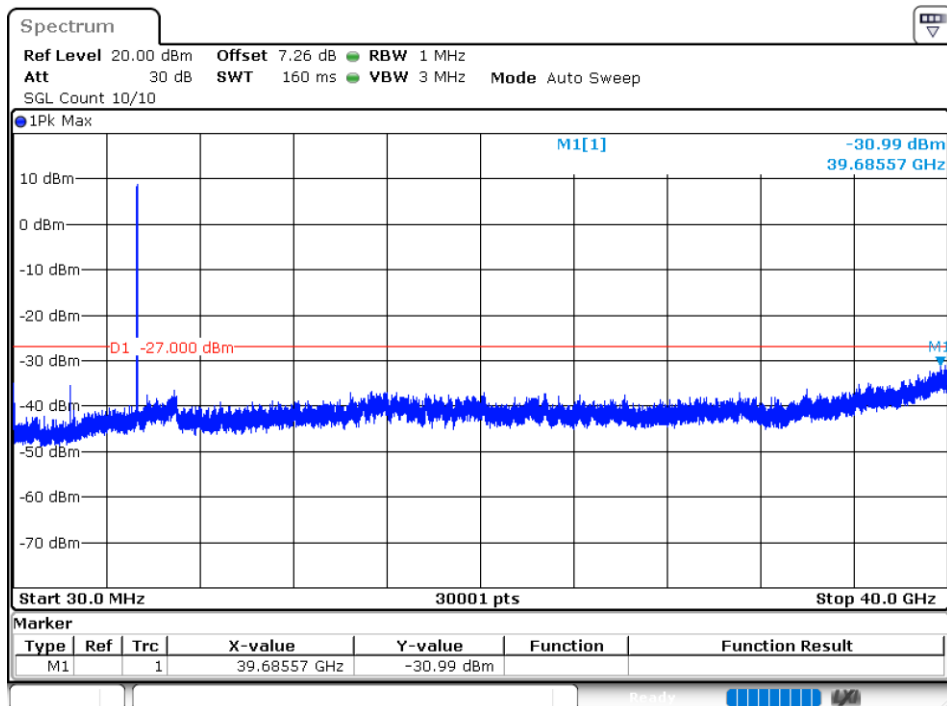
Tx. Spurious NVNT ac20 5280MHz Ant2 Emission



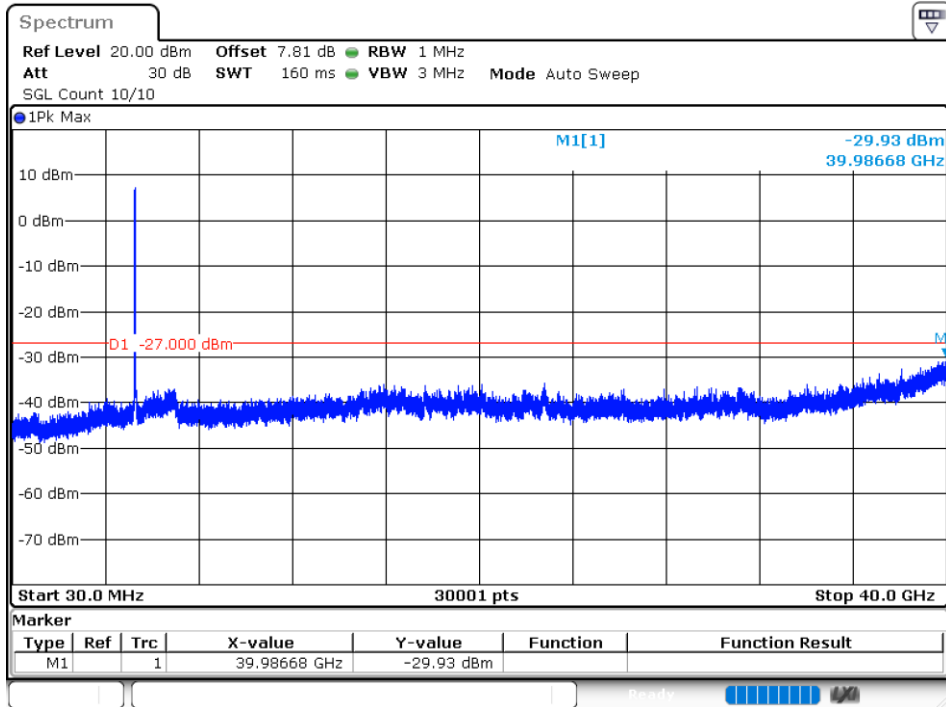
Tx. Spurious NVNT ac20 5320MHz Ant1 Emission



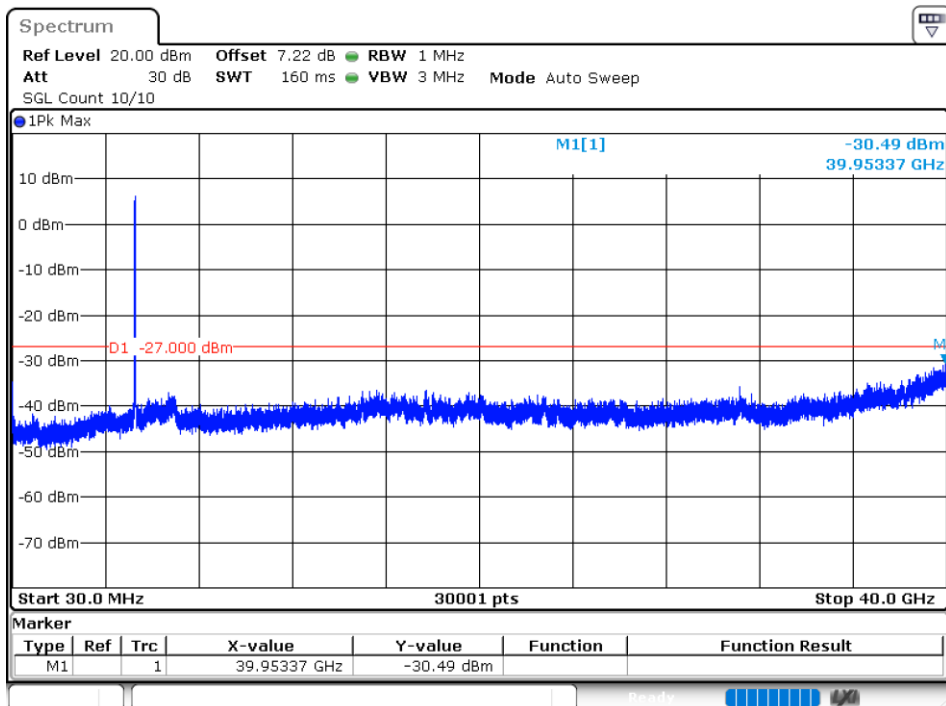
Tx. Spurious NVNT ac20 5320MHz Ant2 Emission



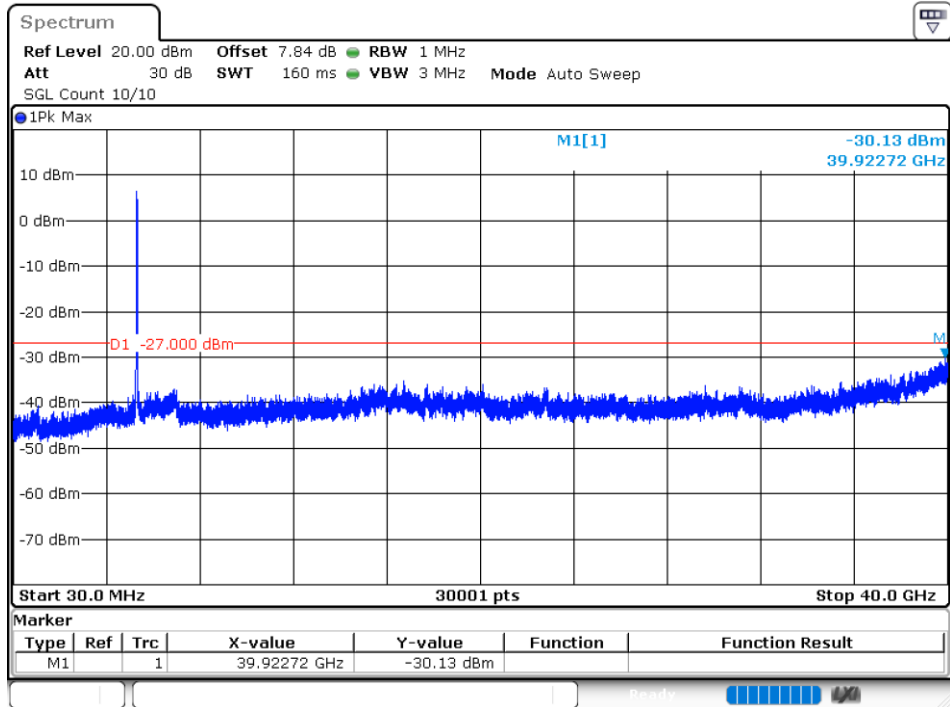
Tx. Spurious NVNT ac40 5270MHz Ant1 Emission



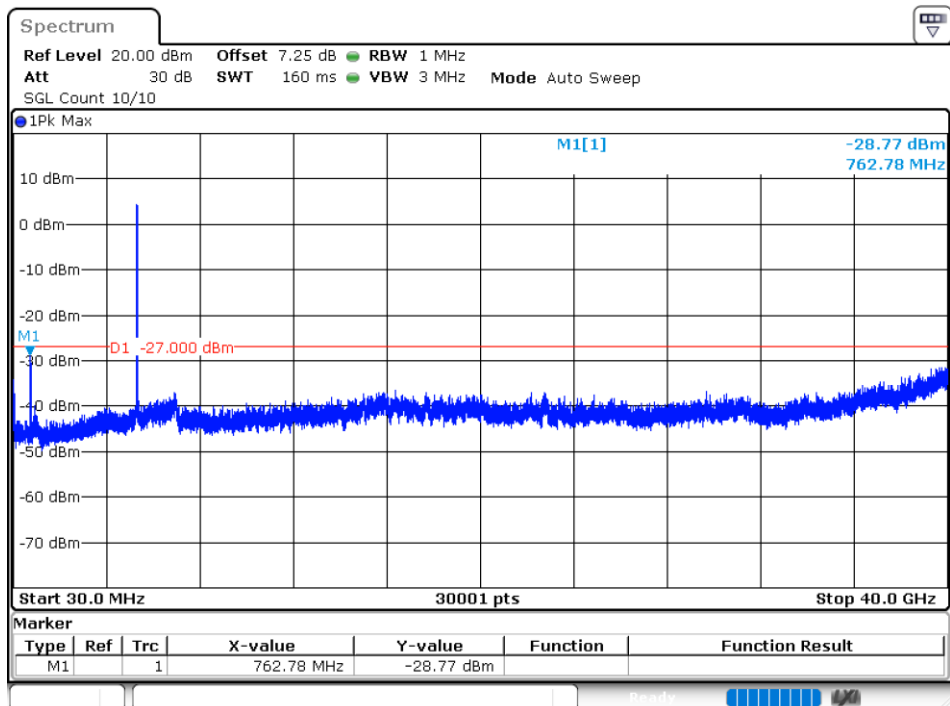
Tx. Spurious NVNT ac40 5270MHz Ant2 Emission



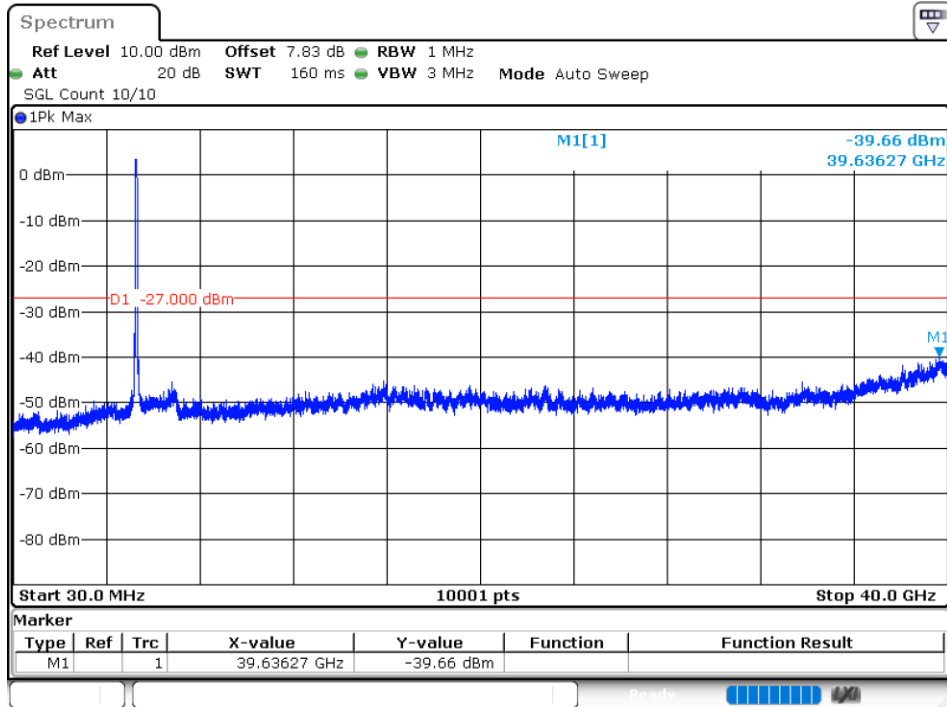
Tx. Spurious NVNT ac40 5310MHz Ant1 Emission



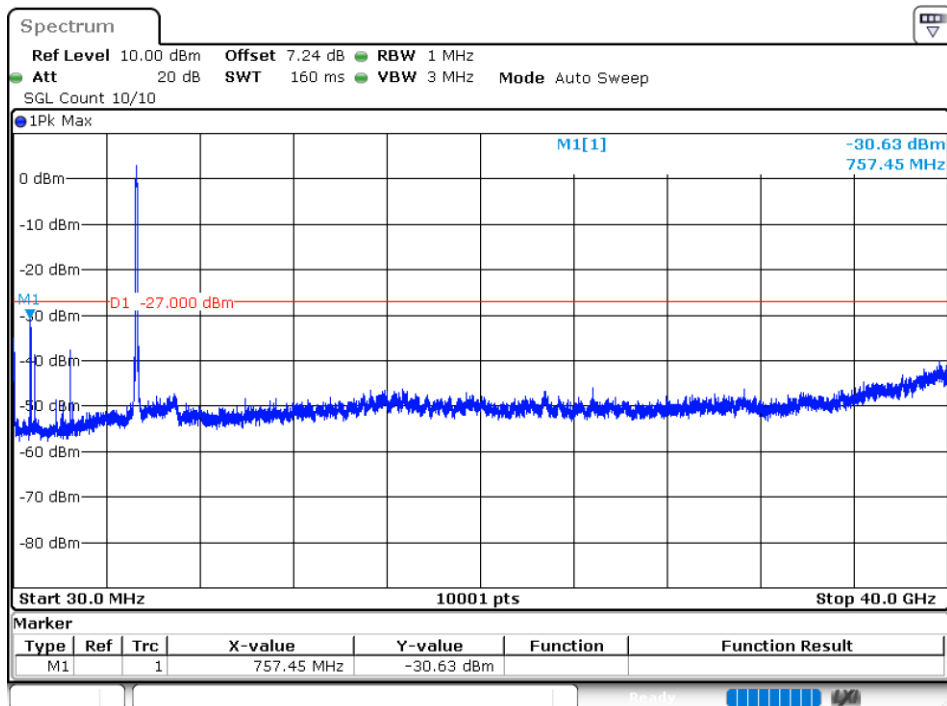
Tx. Spurious NVNT ac40 5310MHz Ant2 Emission



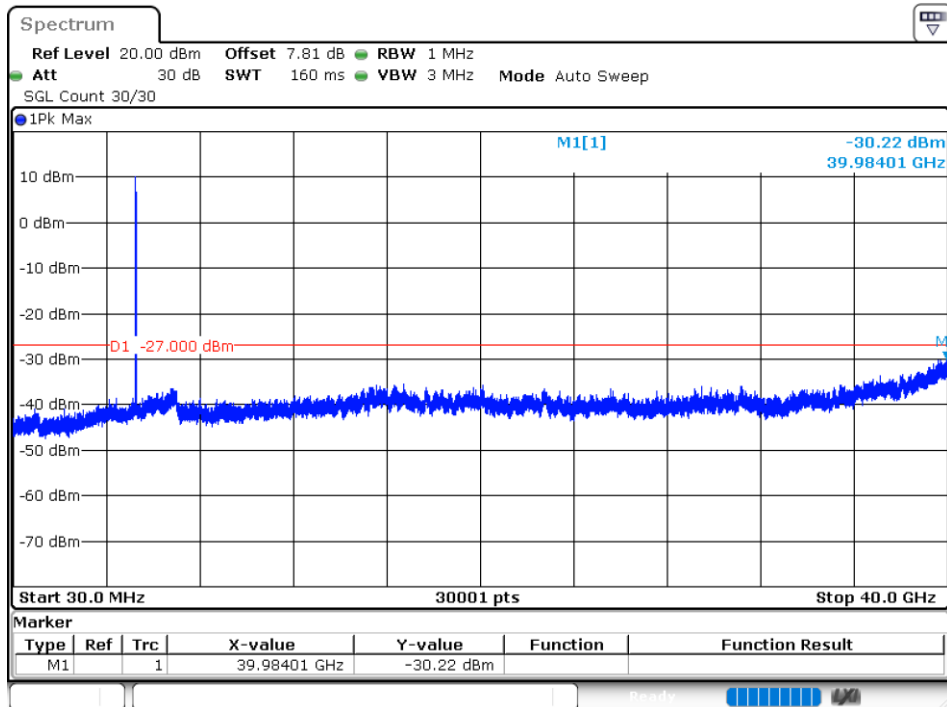
Tx. Spurious NVNT ac80 5290MHz Ant1 Emission



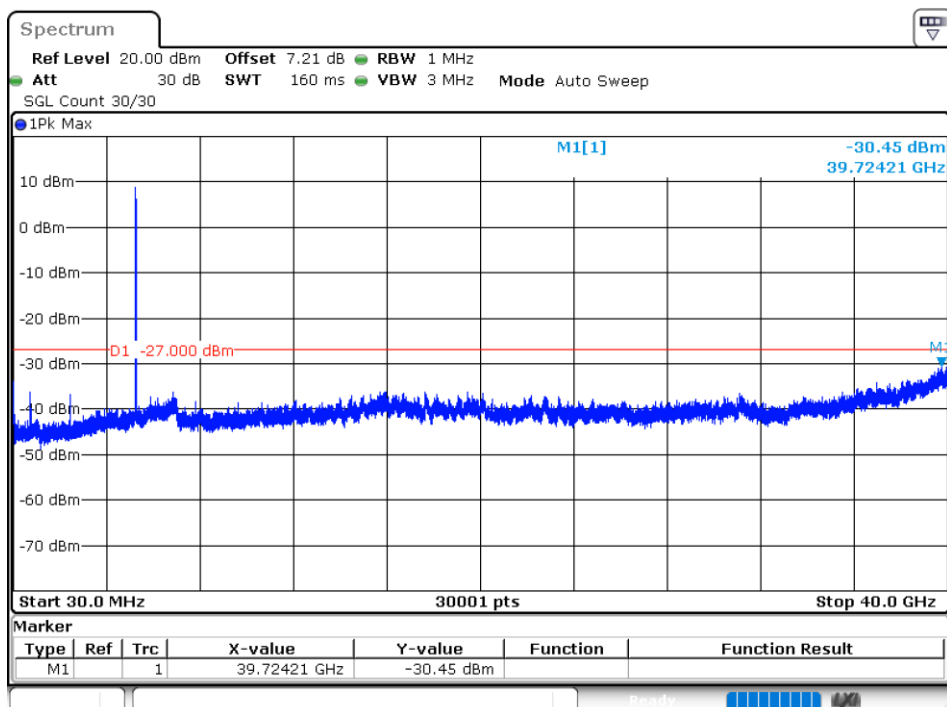
Tx. Spurious NVNT ac80 5290MHz Ant2 Emission



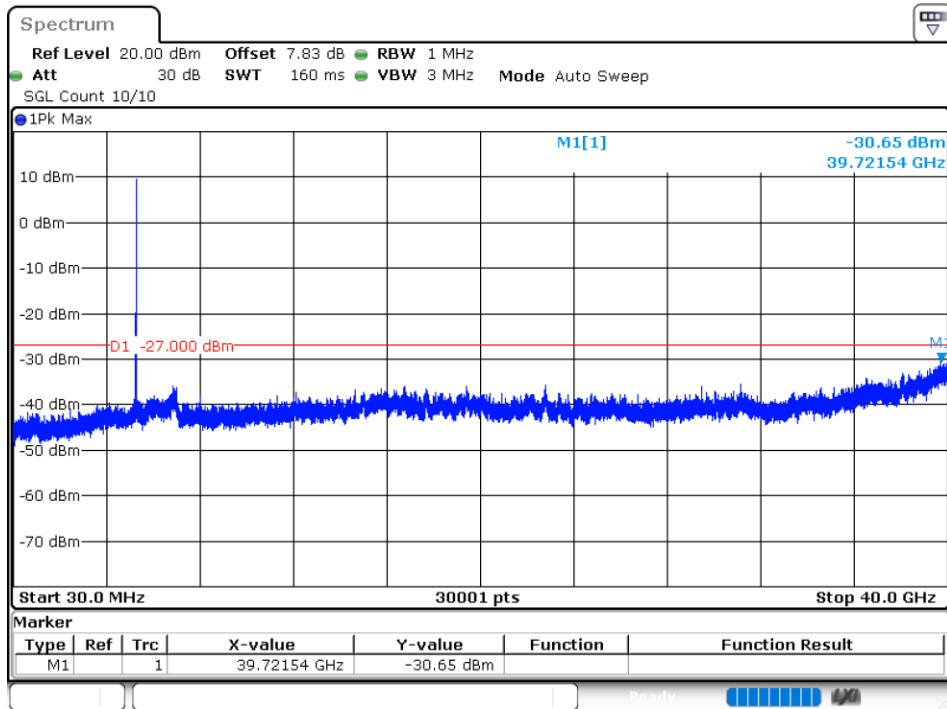
Tx. Spurious NVNT n20 5260MHz Ant1 Emission



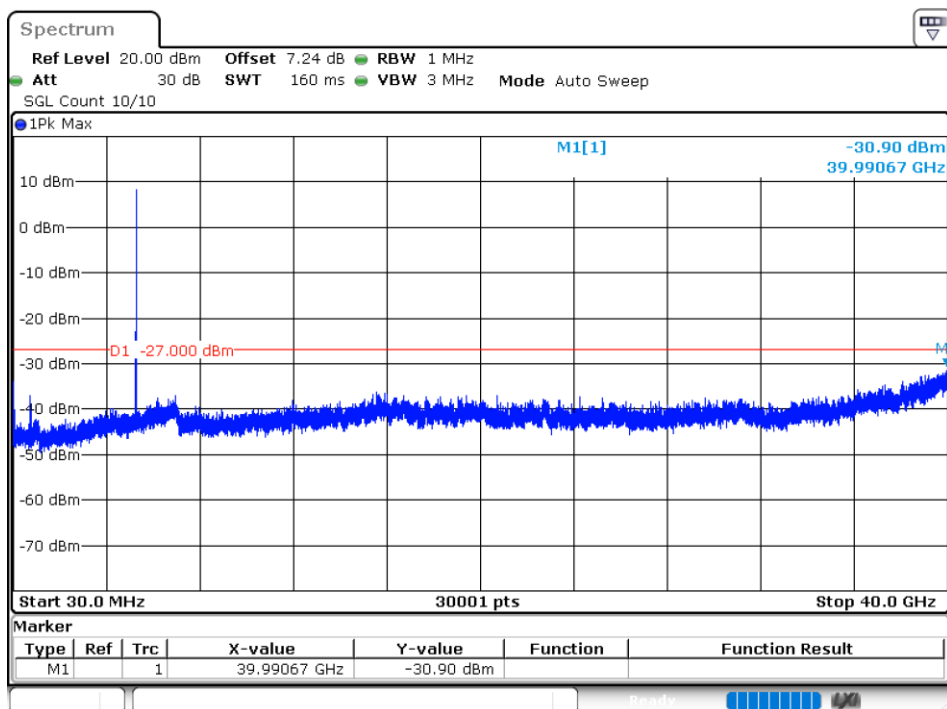
Tx. Spurious NVNT n20 5260MHz Ant2 Emission



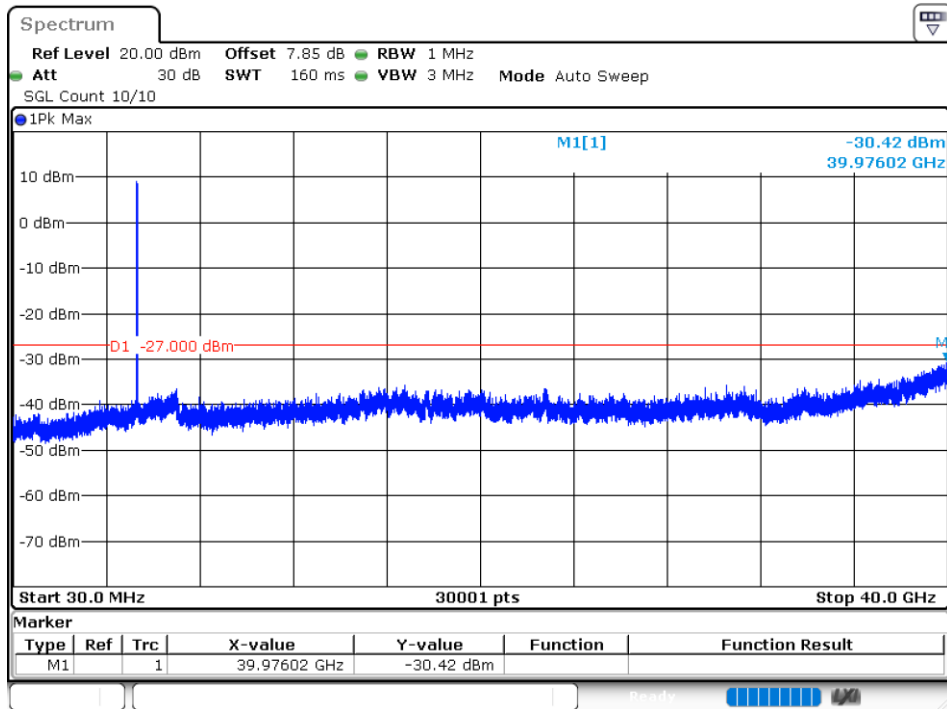
Tx. Spurious NVNT n20 5280MHz Ant1 Emission



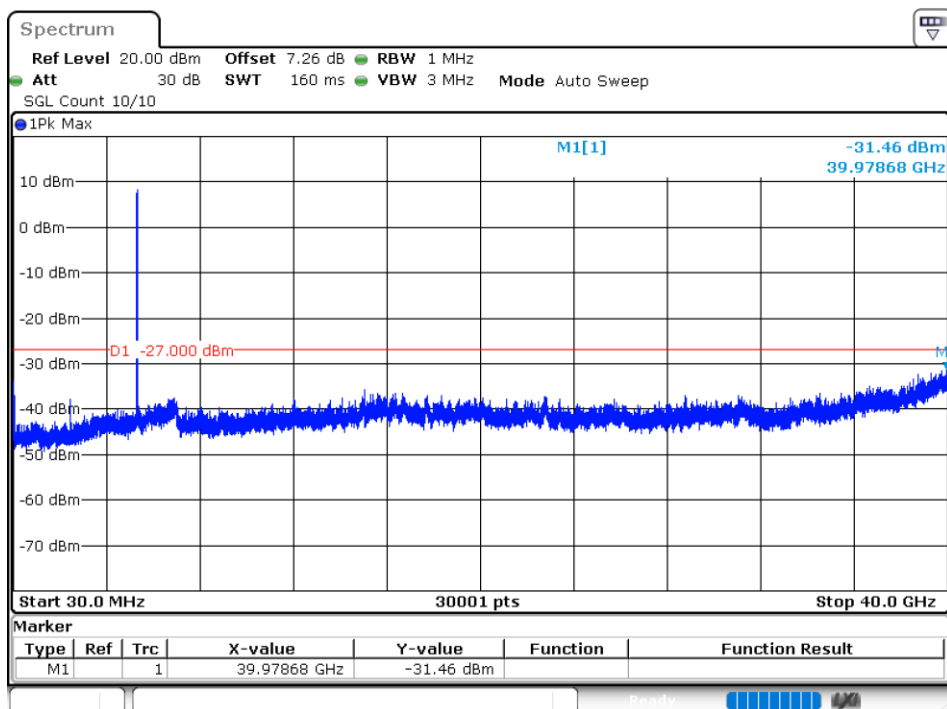
Tx. Spurious NVNT n20 5280MHz Ant2 Emission



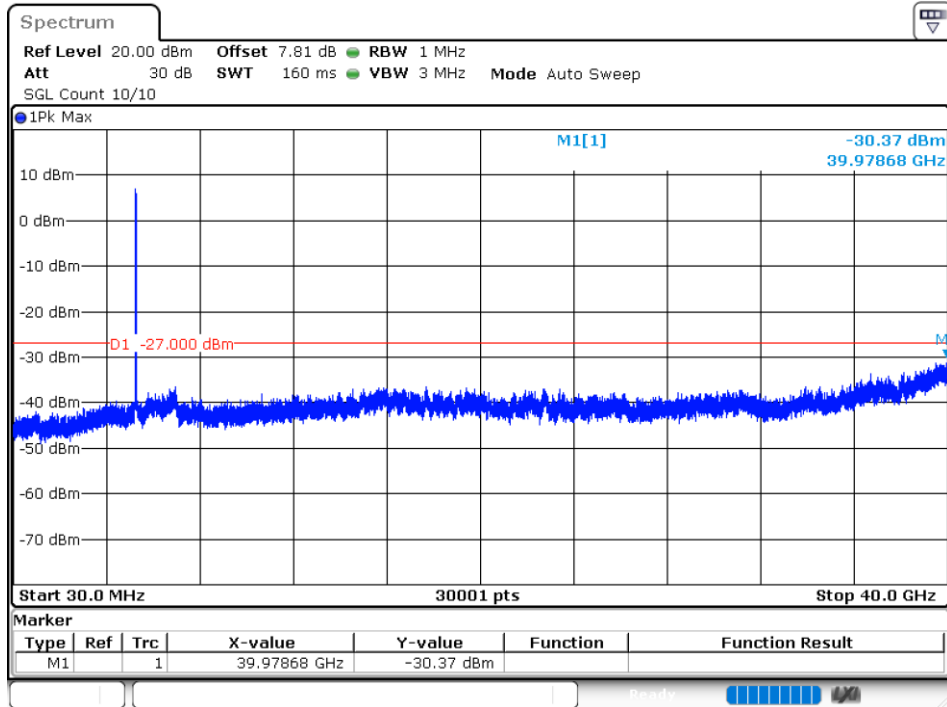
Tx. Spurious NVNT n20 5320MHz Ant1 Emission



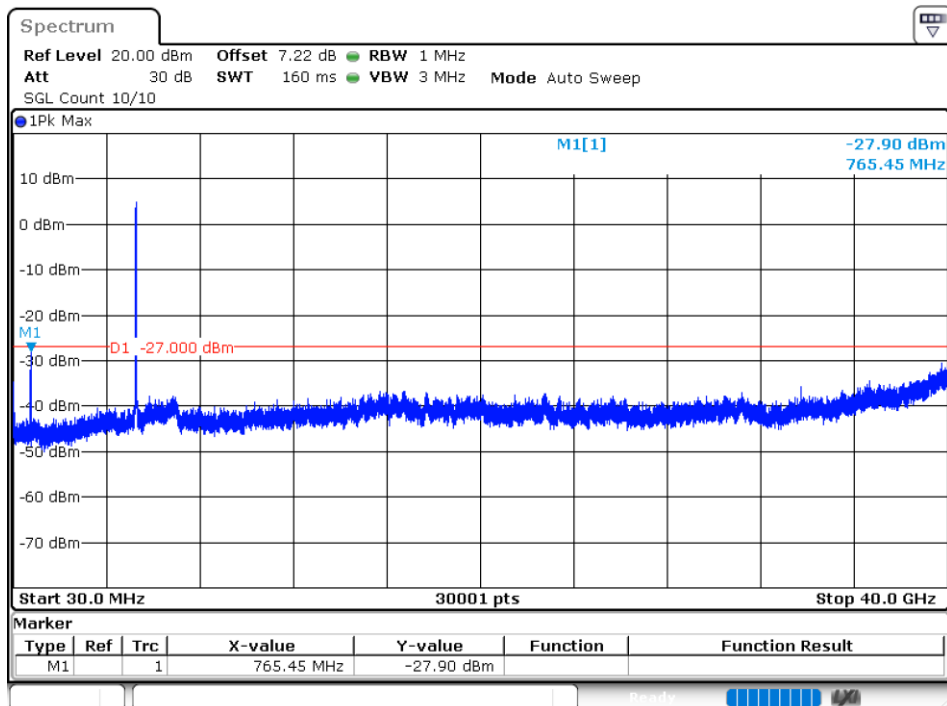
Tx. Spurious NVNT n20 5320MHz Ant2 Emission



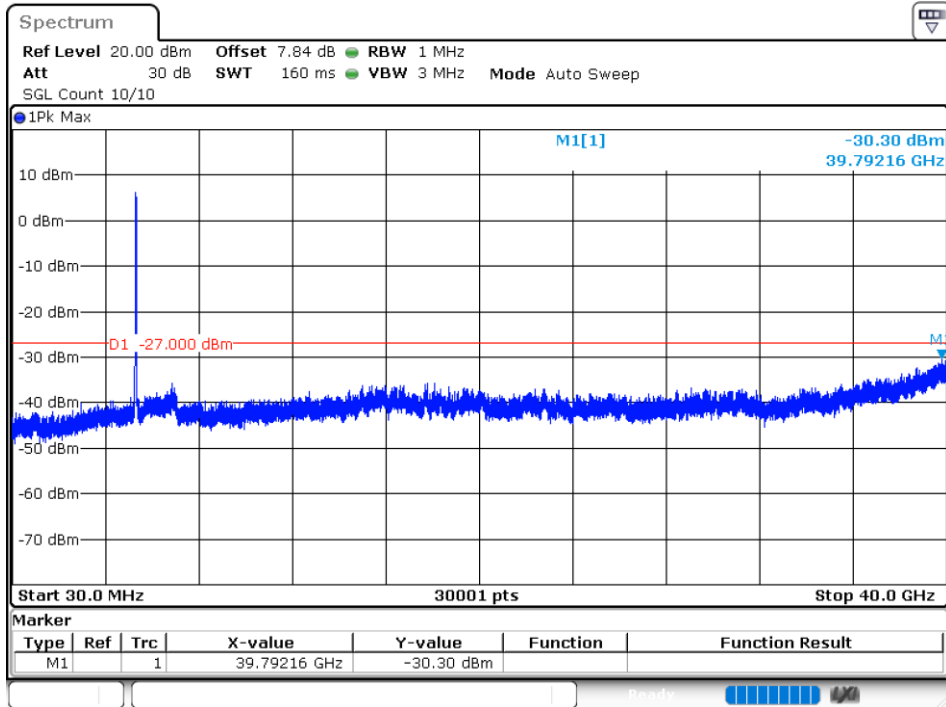
Tx. Spurious NVNT n40 5270MHz Ant1 Emission



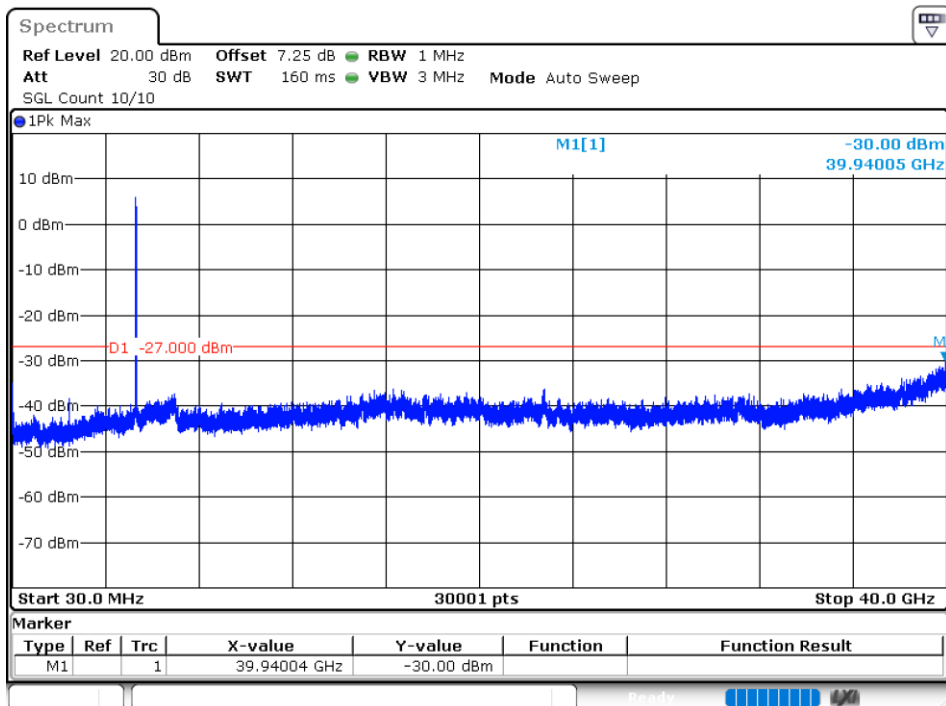
Tx. Spurious NVNT n40 5270MHz Ant2 Emission



Tx. Spurious NVNT n40 5310MHz Ant1 Emission



Tx. Spurious NVNT n40 5310MHz Ant2 Emission



5.6G WIFI

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	96.98	0.13	0.72
NVNT	a	5600	Ant1	96.97	0.13	0.71
NVNT	a	5700	Ant1	96.98	0.13	0.72
NVNT	a	5500	Ant2	96.99	0.13	0.72
NVNT	a	5600	Ant2	96.97	0.13	0.72
NVNT	a	5700	Ant2	96.99	0.13	0.72
NVNT	n20	5500	Ant1	96.76	0.14	0.77
NVNT	n20	5600	Ant1	96.76	0.14	0.77
NVNT	n20	5700	Ant1	96.76	0.14	0.77
NVNT	n20	5500	Ant2	96.76	0.14	0.77
NVNT	n20	5600	Ant2	96.75	0.14	0.77
NVNT	n20	5700	Ant2	96.76	0.14	0.77
NVNT	n40	5510	Ant1	93.83	0.28	1.56
NVNT	n40	5590	Ant1	93.88	0.27	1.54
NVNT	n40	5670	Ant1	93.82	0.28	1.56
NVNT	n40	5510	Ant2	93.84	0.28	1.54
NVNT	n40	5590	Ant2	93.84	0.28	1.56
NVNT	n40	5670	Ant2	93.86	0.28	1.54
NVNT	ac20	5500	Ant1	96.8	0.14	0.76
NVNT	ac20	5600	Ant1	96.8	0.14	0.76
NVNT	ac20	5700	Ant1	96.78	0.14	0.76
NVNT	ac20	5500	Ant2	96.8	0.14	0.76
NVNT	ac20	5600	Ant2	96.8	0.14	0.76
NVNT	ac20	5700	Ant2	96.76	0.14	0.76
NVNT	ac40	5510	Ant1	93.61	0.29	1.54
NVNT	ac40	5590	Ant1	94.32	0.25	1.52
NVNT	ac40	5670	Ant1	94.31	0.25	1.54
NVNT	ac40	5510	Ant2	94.36	0.25	1.52
NVNT	ac40	5590	Ant2	93.61	0.29	1.54
NVNT	ac40	5670	Ant2	94.32	0.25	1.54
NVNT	ac80	5530	Ant1	88.64	0.52	3.12
NVNT	ac80	5610	Ant1	88.71	0.52	3.12
NVNT	ac80	5530	Ant2	88.72	0.52	3.13
NVNT	ac80	5610	Ant2	88.68	0.52	3.12