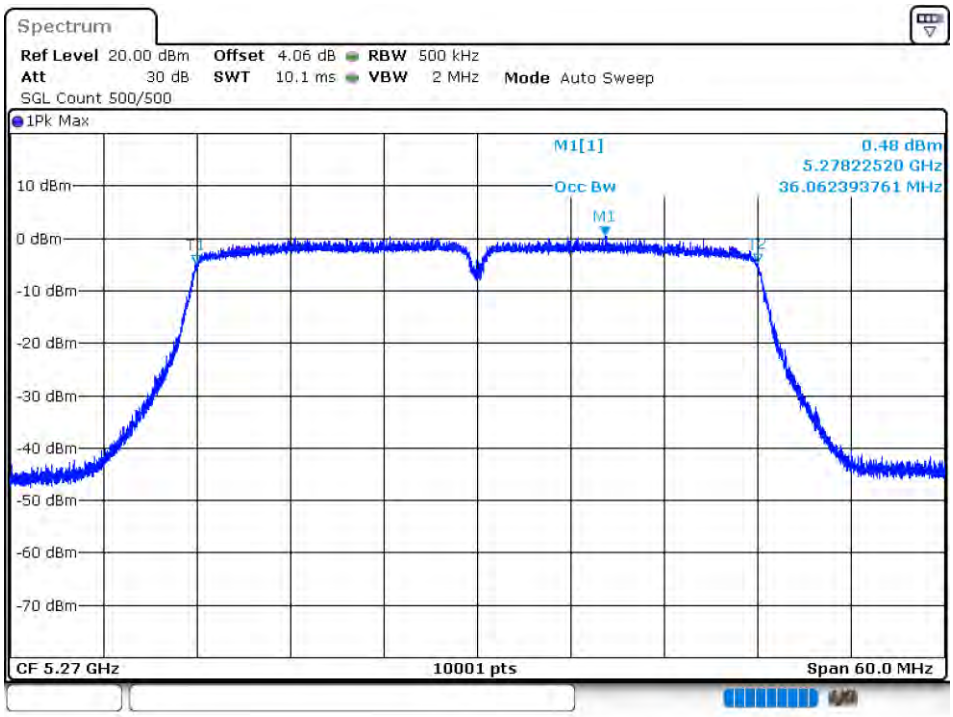
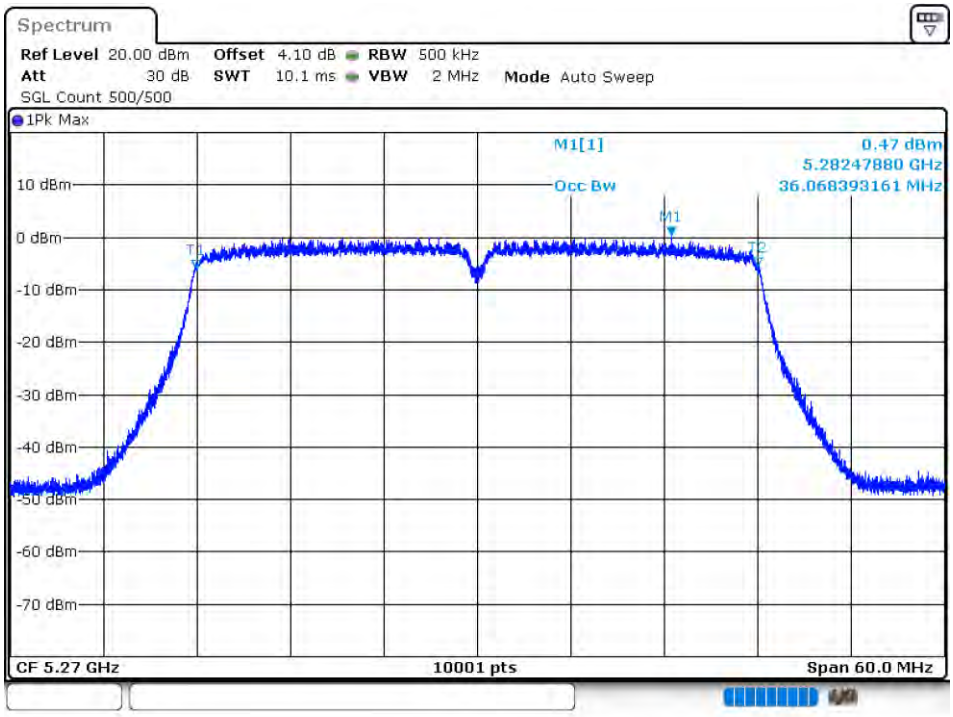
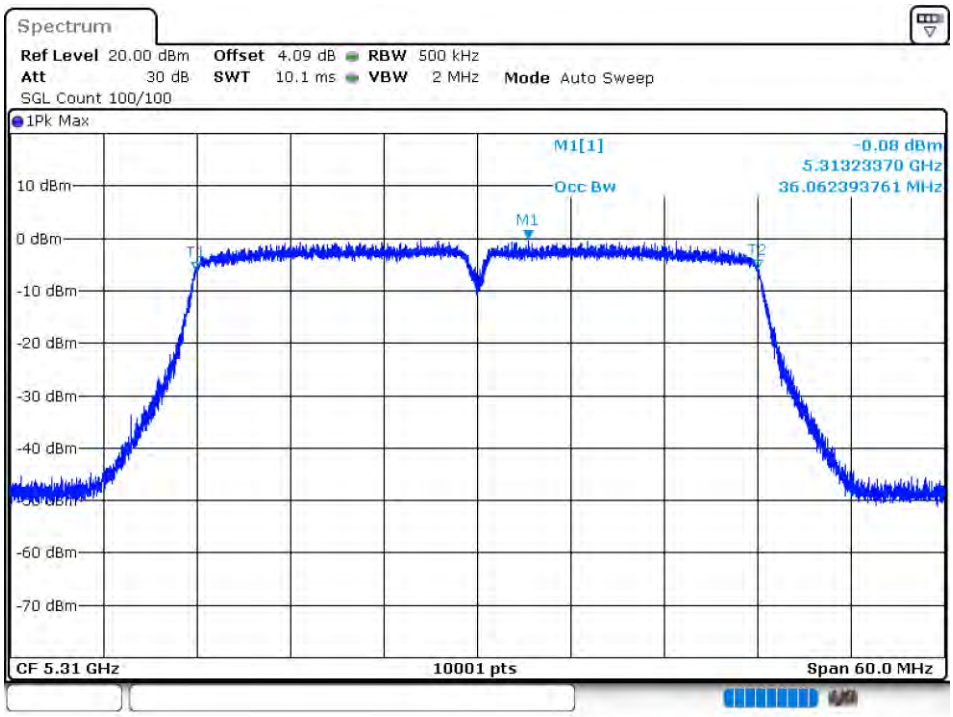
OBW NVNT n40 5270MHz Ant1



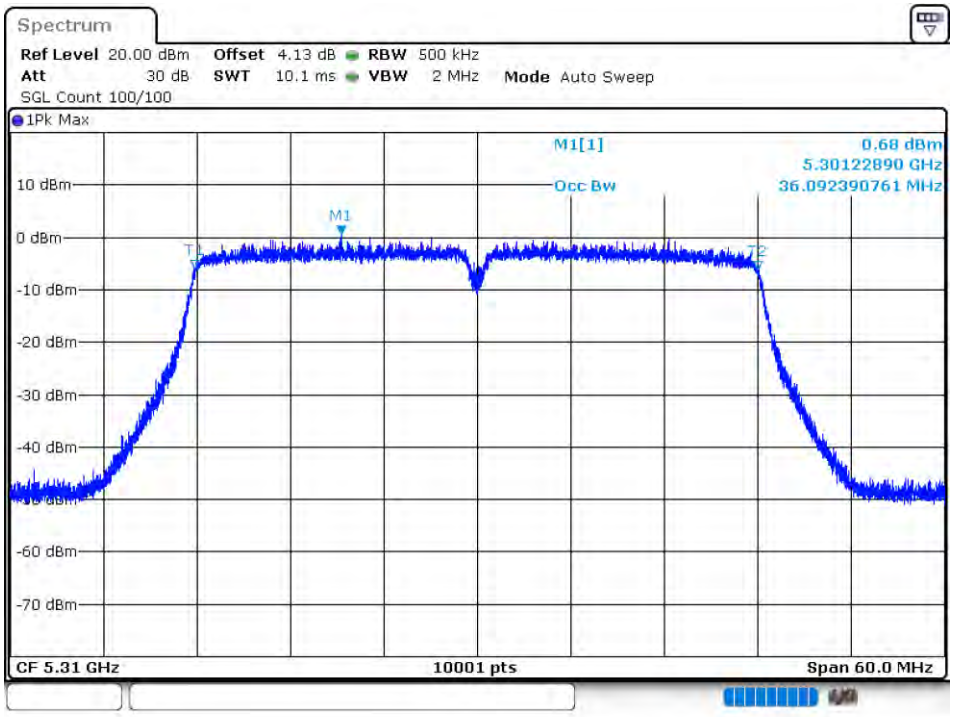
OBW NVNT n40 5270MHz Ant2



OBW NVNT n40 5310MHz Ant1



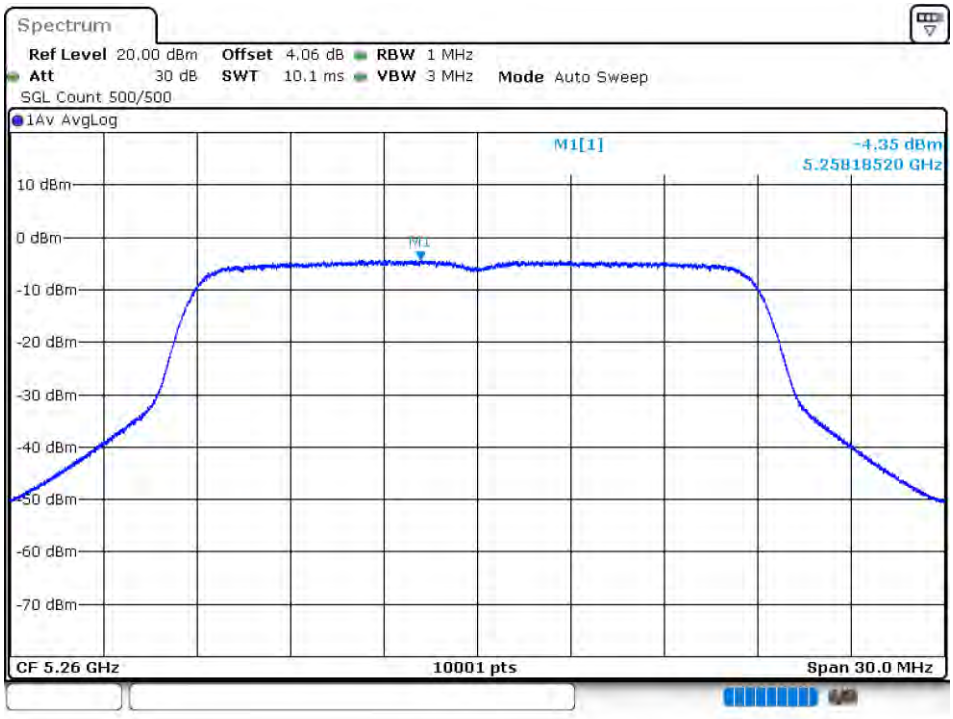
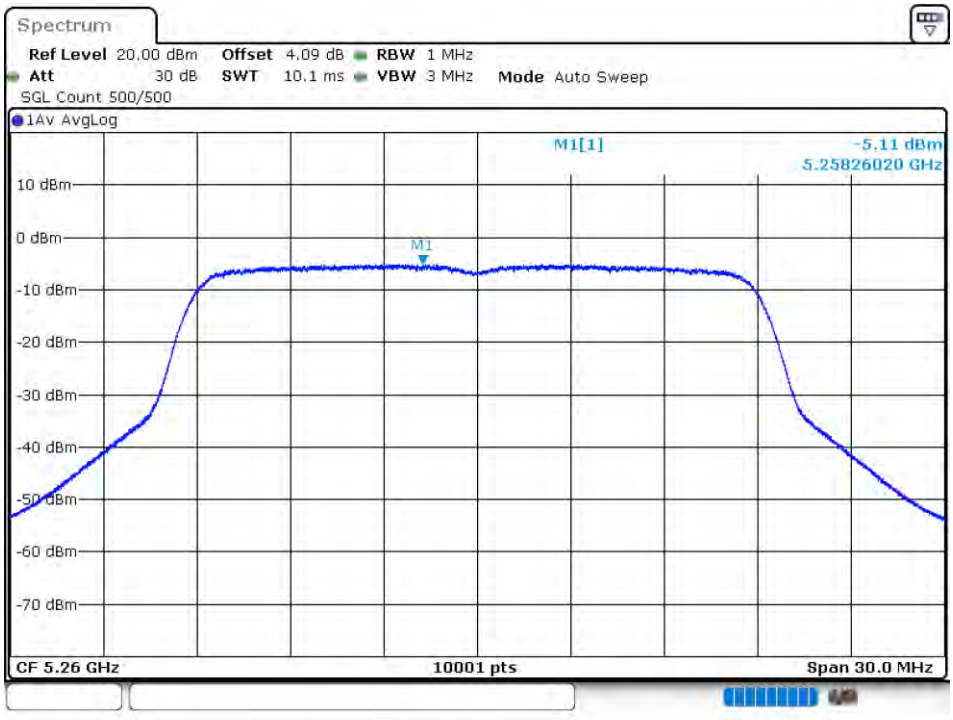
OBW NVNT n40 5310MHz Ant2



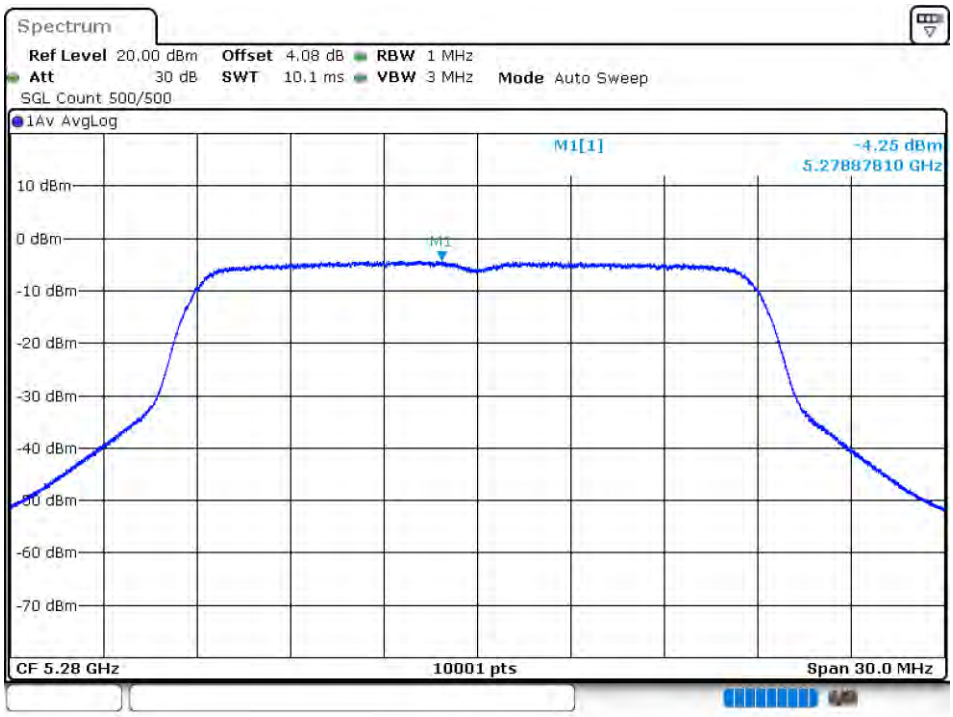
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5260	Ant1	-4.35	0.01	-4.34	--	Pass
NVNT	ac20	5260	Ant2	-5.11	0.01	-5.1	--	Pass
NVNT	ac20	5260	Sum	-1.7	0.01	-1.69	9.94	Pass
NVNT	ac20	5280	Ant1	-4.25	0.01	-4.24	--	Pass
NVNT	ac20	5280	Ant2	-5.23	0.01	-5.22	--	Pass
NVNT	ac20	5280	Sum	-1.7	0.01	-1.69	9.94	Pass
NVNT	ac20	5320	Ant1	-4.36	0.01	-4.35	--	Pass
NVNT	ac20	5320	Ant2	-5.27	0.01	-5.26	--	Pass
NVNT	ac20	5320	Sum	-1.78	0.01	-1.77	9.94	Pass
NVNT	ac40	5270	Ant1	-6.82	0.01	-6.81	--	Pass
NVNT	ac40	5270	Ant2	-7.82	0.01	-7.81	--	Pass
NVNT	ac40	5270	Sum	-4.28	0.01	-4.27	9.94	Pass
NVNT	ac40	5310	Ant1	-6.47	0.01	-6.46	--	Pass
NVNT	ac40	5310	Ant2	-7.28	0.01	-7.27	--	Pass
NVNT	ac40	5310	Sum	-3.85	0.01	-3.84	9.94	Pass
NVNT	ac80	5290	Ant1	-9.56	0.01	-9.55	--	Pass
NVNT	ac80	5290	Ant2	-10.28	0.01	-10.27	--	Pass
NVNT	ac80	5290	Sum	-6.89	0.01	-6.88	9.94	Pass
NVNT	ax20	5260	Ant1	-3.81	0	-3.81	--	Pass
NVNT	ax20	5260	Ant2	-4.57	0	-4.57	--	Pass
NVNT	ax20	5260	Sum	-1.16	0	-1.16	9.94	Pass
NVNT	ax20	5280	Ant1	-4.4	0.01	-4.39	--	Pass
NVNT	ax20	5280	Ant2	-5.41	0.01	-5.4	--	Pass
NVNT	ax20	5280	Sum	-1.87	0.01	-1.86	9.94	Pass
NVNT	ax20	5320	Ant1	-3.95	0	-3.95	--	Pass
NVNT	ax20	5320	Ant2	-4.99	0	-4.99	--	Pass
NVNT	ax20	5320	Sum	-1.43	0	-1.43	9.94	Pass
NVNT	ax40	5270	Ant1	-7.69	0	-7.69	--	Pass
NVNT	ax40	5270	Ant2	-8.74	0	-8.74	--	Pass
NVNT	ax40	5270	Sum	-5.17	0	-5.17	9.94	Pass
NVNT	ax40	5310	Ant1	-7.87	0	-7.87	--	Pass
NVNT	ax40	5310	Ant2	-8.87	0	-8.87	--	Pass
NVNT	ax40	5310	Sum	-5.33	0	-5.33	9.94	Pass
NVNT	ax80	5290	Ant1	-9.8	0.01	-9.79	--	Pass
NVNT	ax80	5290	Ant2	-10.65	0.01	-10.64	--	Pass
NVNT	ax80	5290	Sum	-7.19	0.01	-7.18	9.94	Pass
NVNT	n20	5260	Ant1	-4.25	0.01	-4.24	--	Pass
NVNT	n20	5260	Ant2	-5.1	0.01	-5.09	--	Pass
NVNT	n20	5260	Sum	-1.64	0.01	-1.63	9.94	Pass
NVNT	n20	5280	Ant1	-3.63	0.01	-3.62	--	Pass
NVNT	n20	5280	Ant2	-4.37	0.01	-4.36	--	Pass
NVNT	n20	5280	Sum	-0.97	0.01	-0.96	9.94	Pass

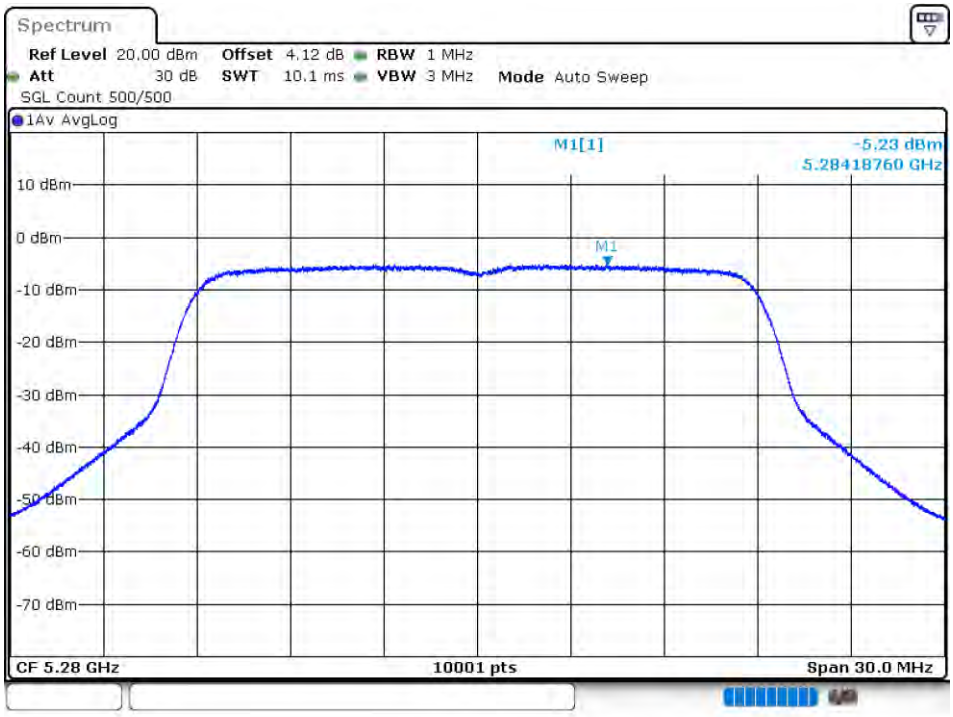
NVNT	n20	5320	Ant1	-4.46	0.01	-4.45	--	Pass
NVNT	n20	5320	Ant2	-5.34	0.01	-5.33	--	Pass
NVNT	n20	5320	Sum	-1.87	0.01	-1.86	9.94	Pass
NVNT	n40	5270	Ant1	-6.75	0.01	-6.74	--	Pass
NVNT	n40	5270	Ant2	-7.82	0.01	-7.81	--	Pass
NVNT	n40	5270	Sum	-4.24	0.01	-4.23	9.94	Pass
NVNT	n40	5310	Ant1	-6.65	0.01	-6.64	--	Pass
NVNT	n40	5310	Ant2	-7.28	0.01	-7.27	--	Pass
NVNT	n40	5310	Sum	-3.94	0.01	-3.93	9.94	Pass

Test Graphs
PSD NVNT ac20 5260MHz Ant1

PSD NVNT ac20 5260MHz Ant2


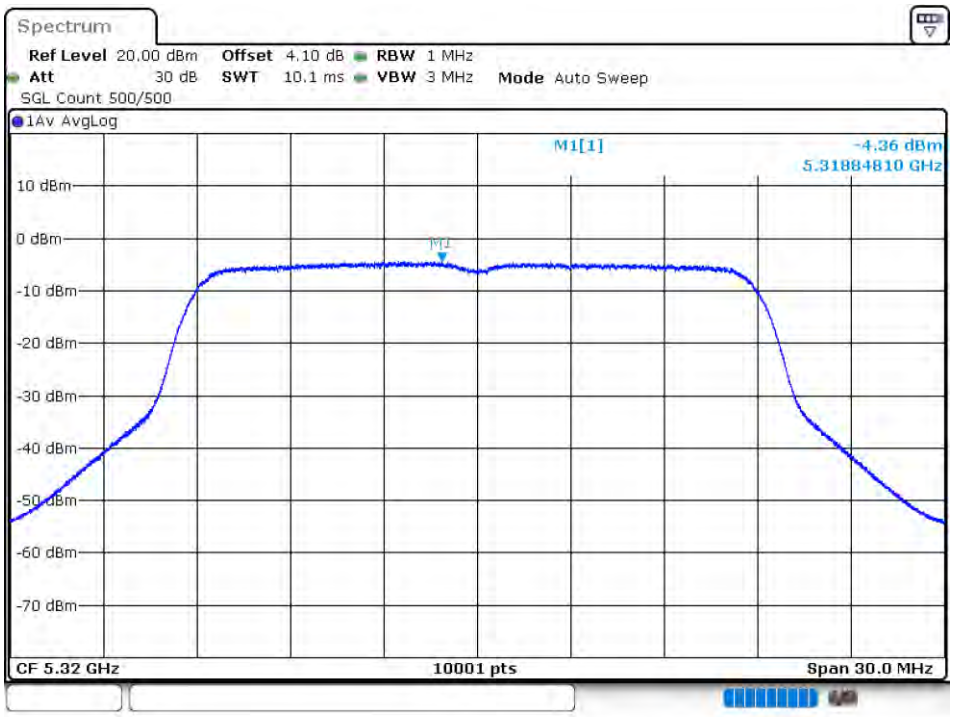
PSD NVNT ac20 5280MHz Ant1



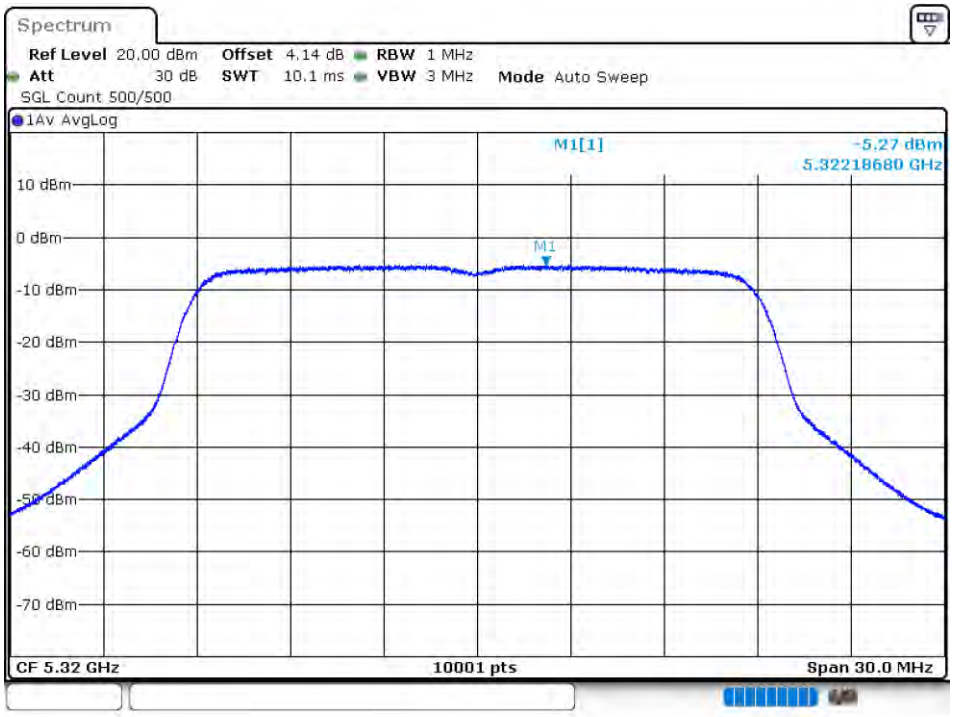
PSD NVNT ac20 5280MHz Ant2



PSD NVNT ac20 5320MHz Ant1



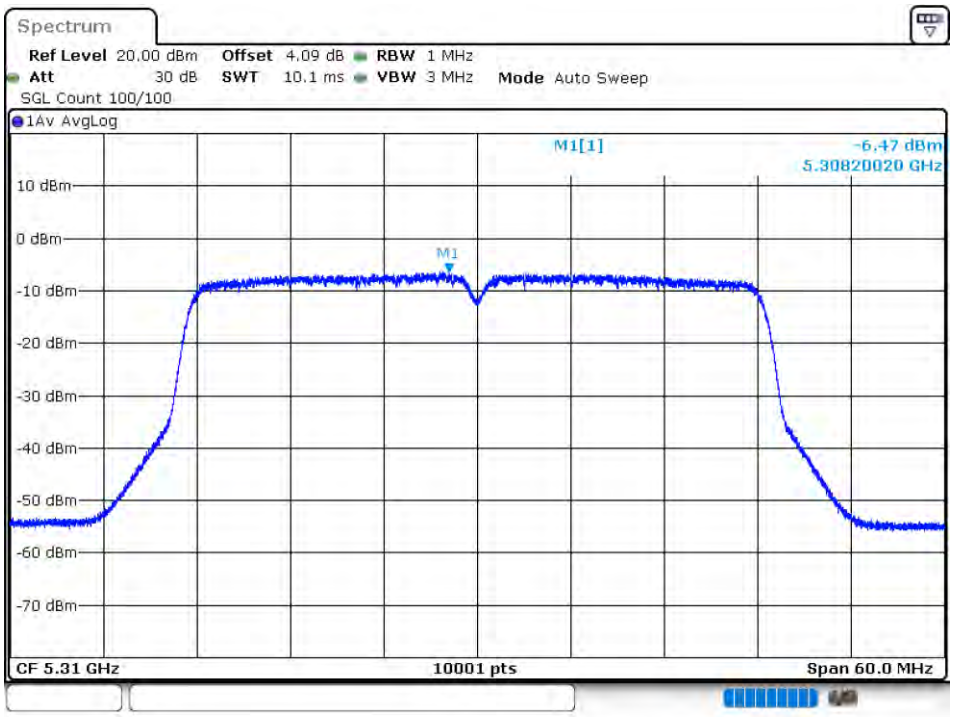
PSD NVNT ac20 5320MHz Ant2



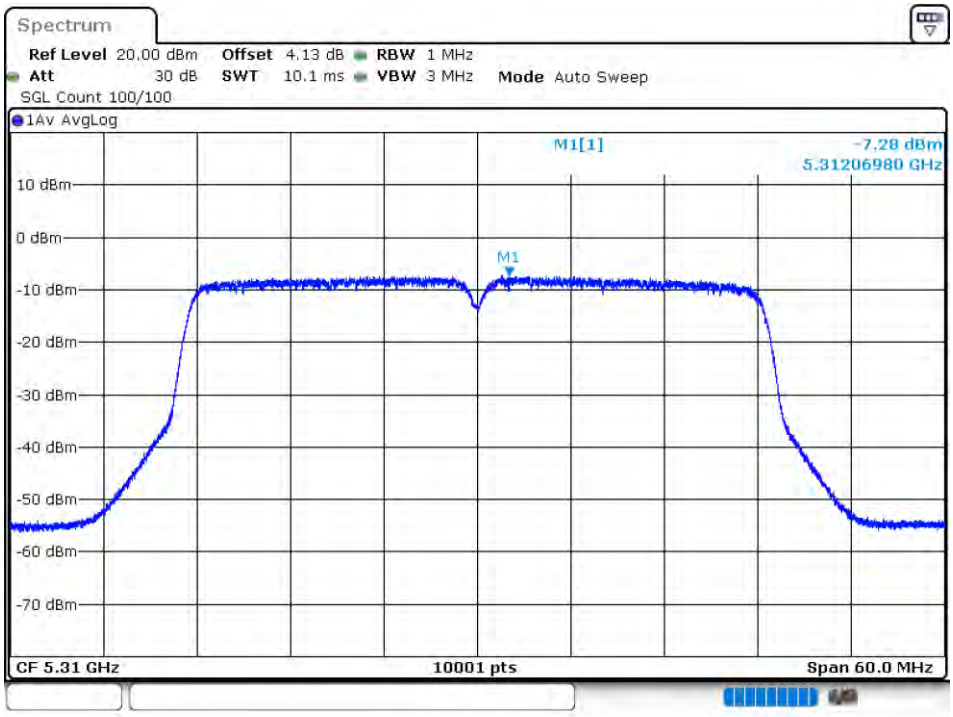
PSD NVNT ac40 5270MHz Ant1

PSD NVNT ac40 5270MHz Ant2

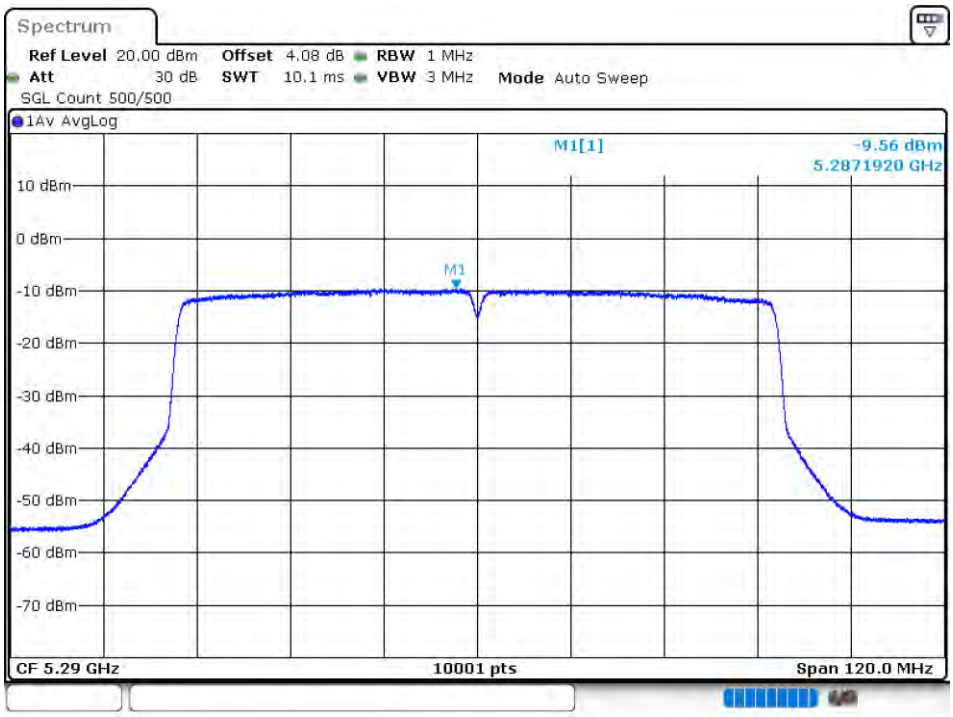
PSD NVNT ac40 5310MHz Ant1



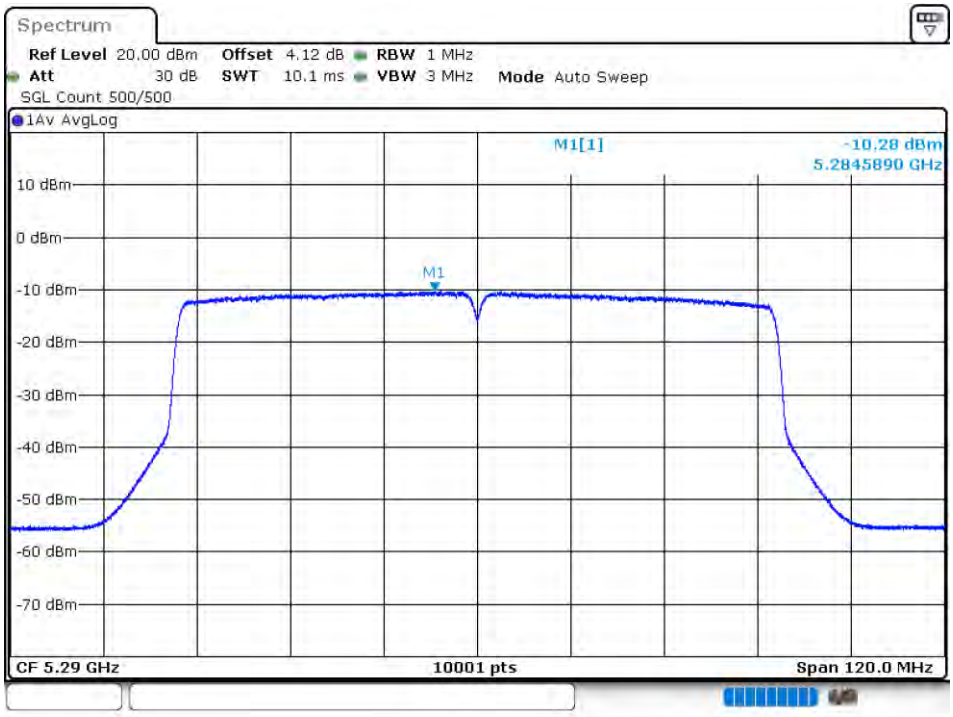
PSD NVNT ac40 5310MHz Ant2



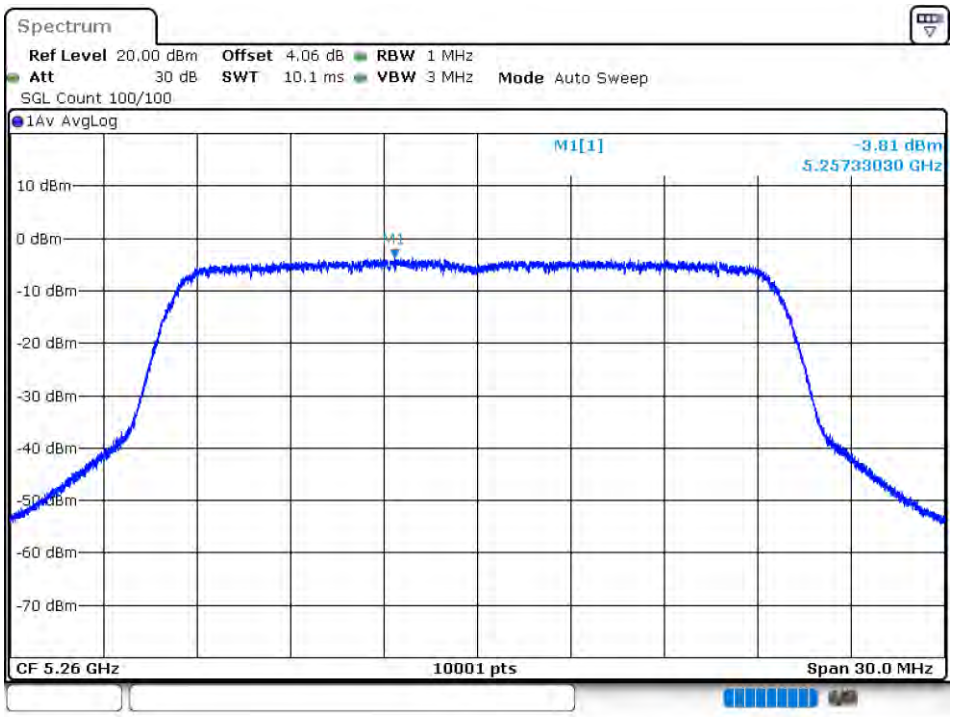
PSD NVNT ac80 5290MHz Ant1



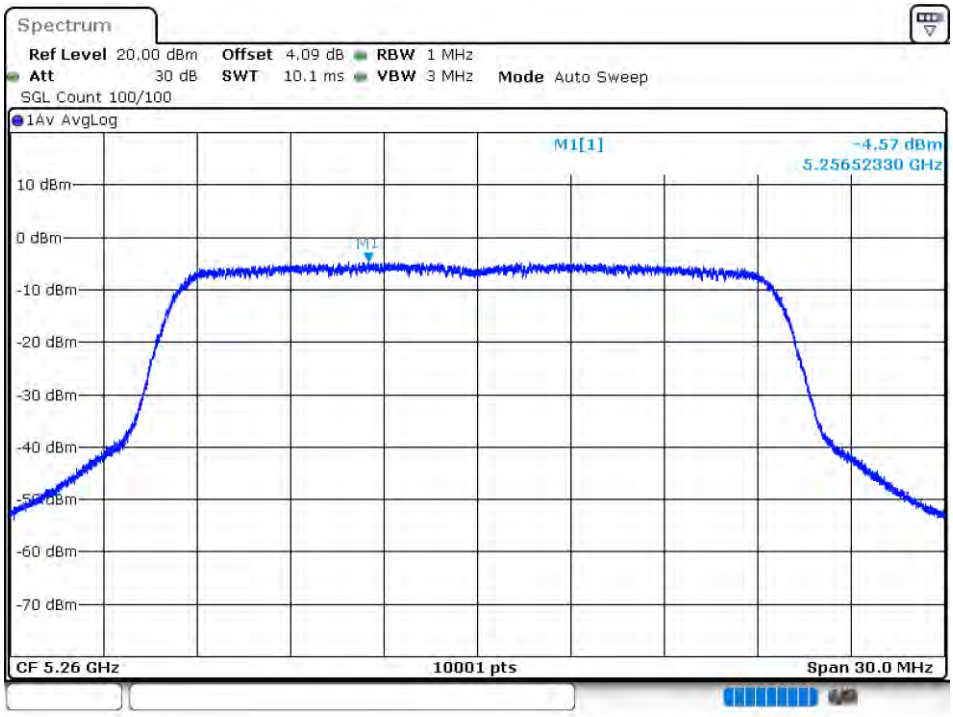
PSD NVNT ac80 5290MHz Ant2



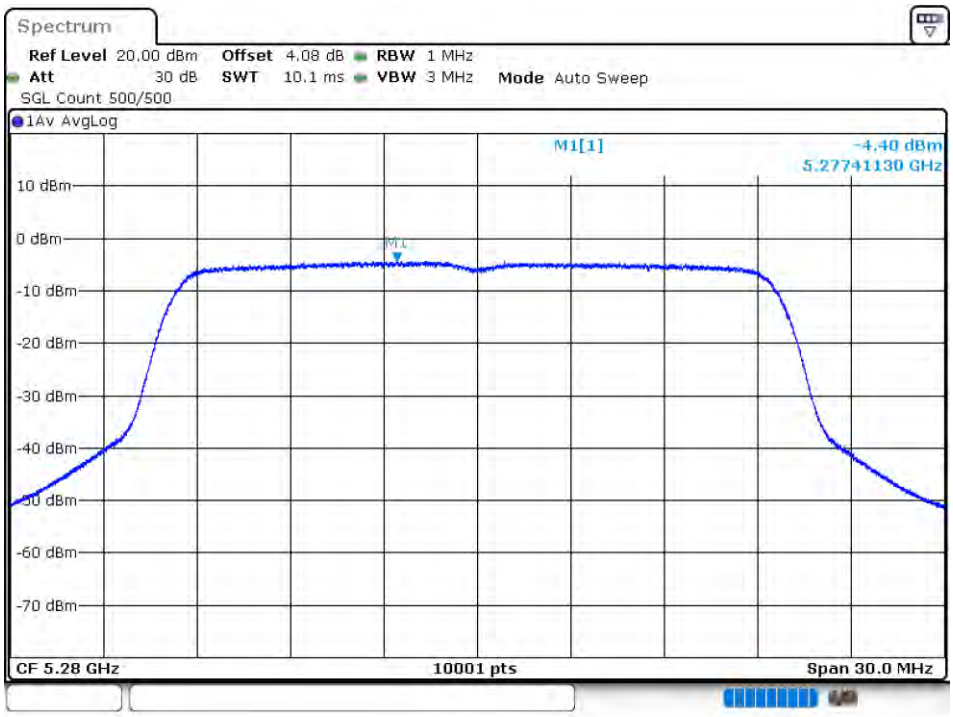
PSD NVNT ax20 5260MHz Ant1



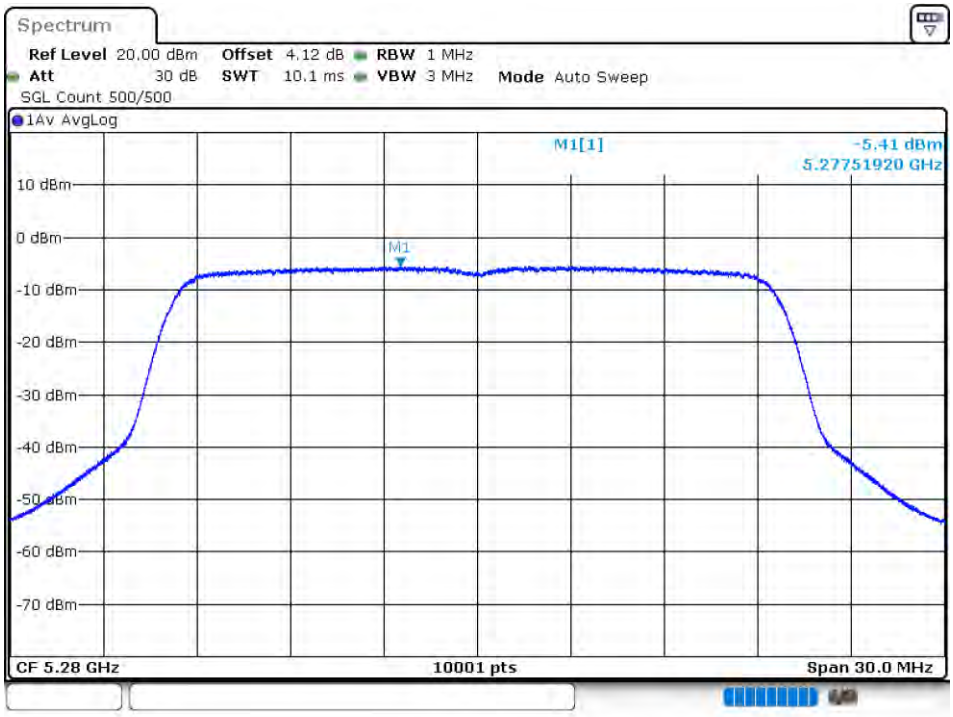
PSD NVNT ax20 5260MHz Ant2



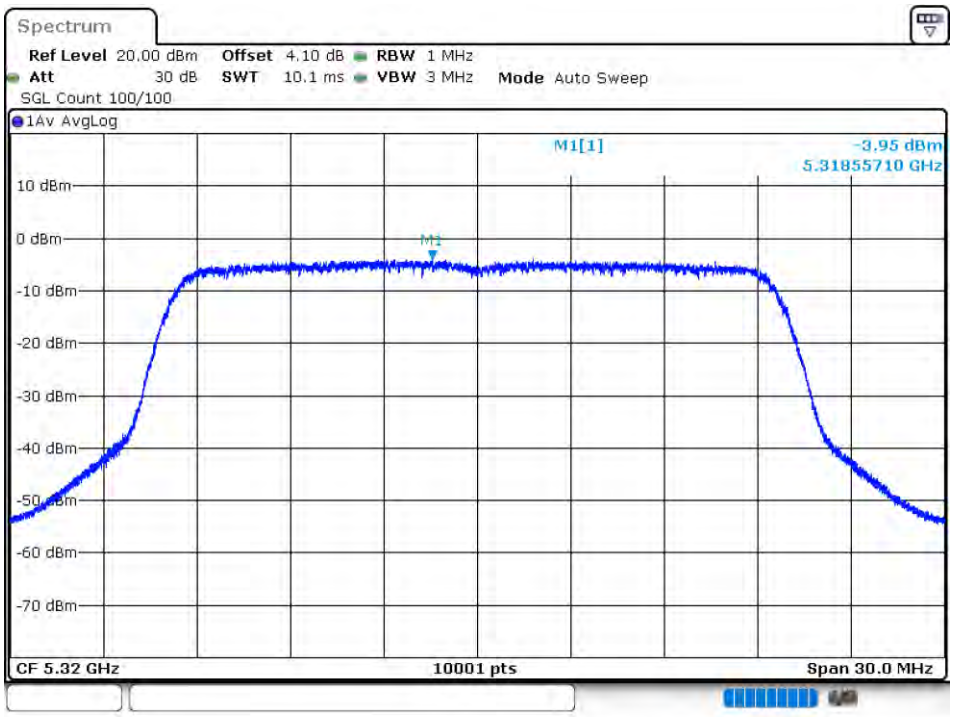
PSD NVNT ax20 5280MHz Ant1



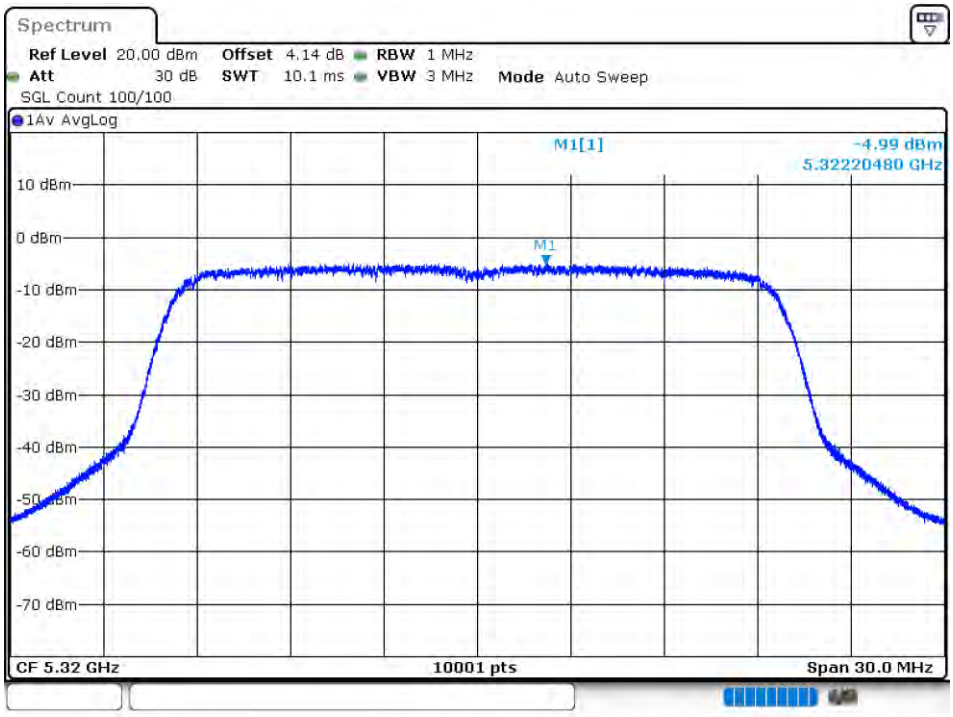
PSD NVNT ax20 5280MHz Ant2



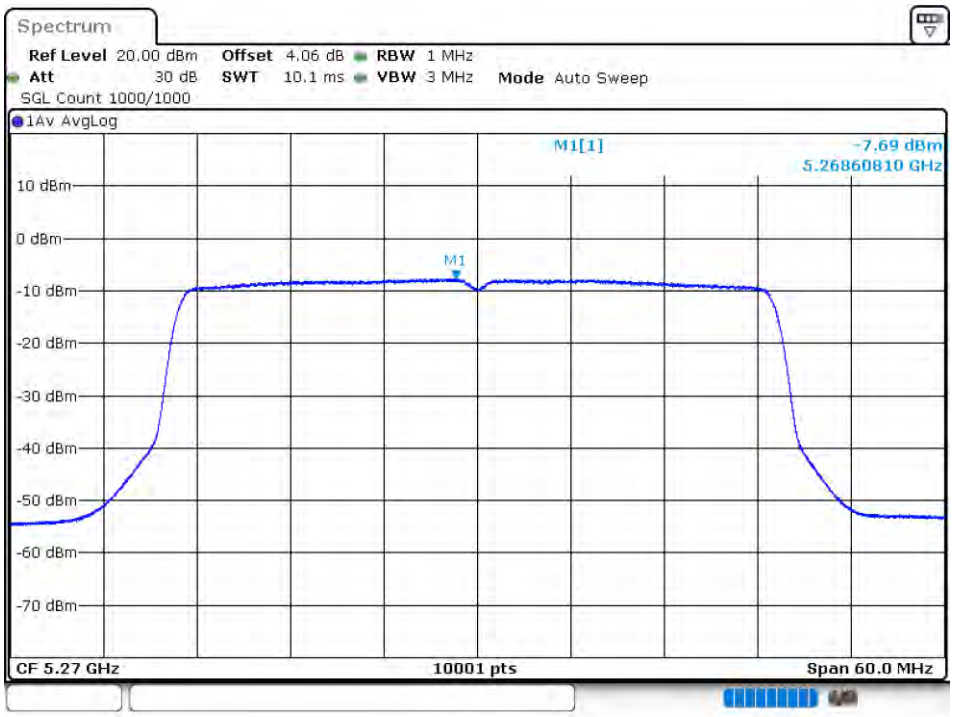
PSD NVNT ax20 5320MHz Ant1



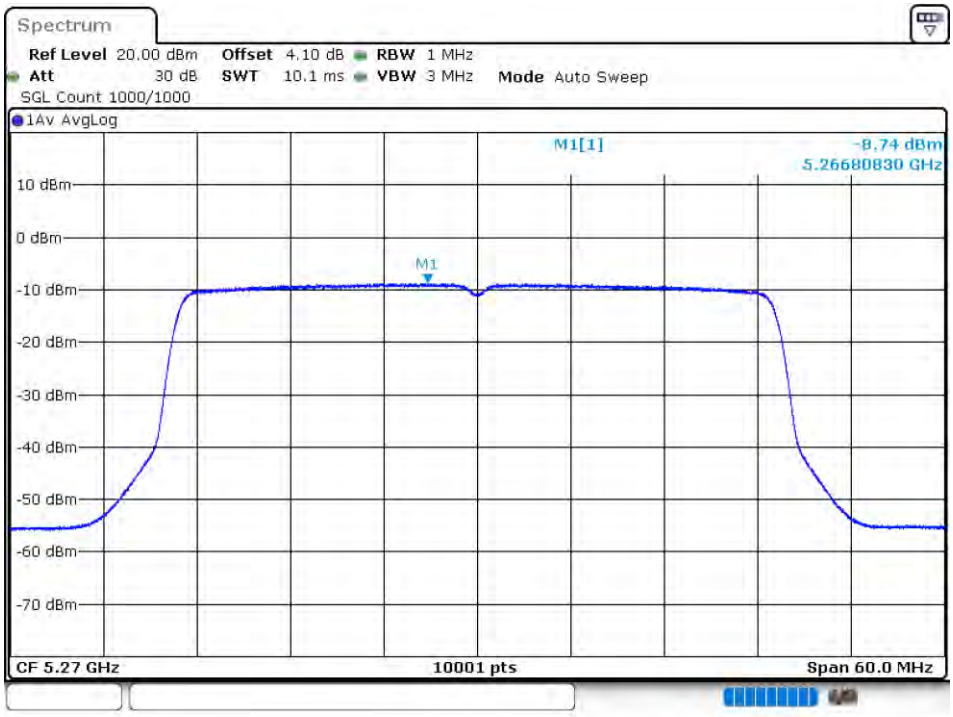
PSD NVNT ax20 5320MHz Ant2



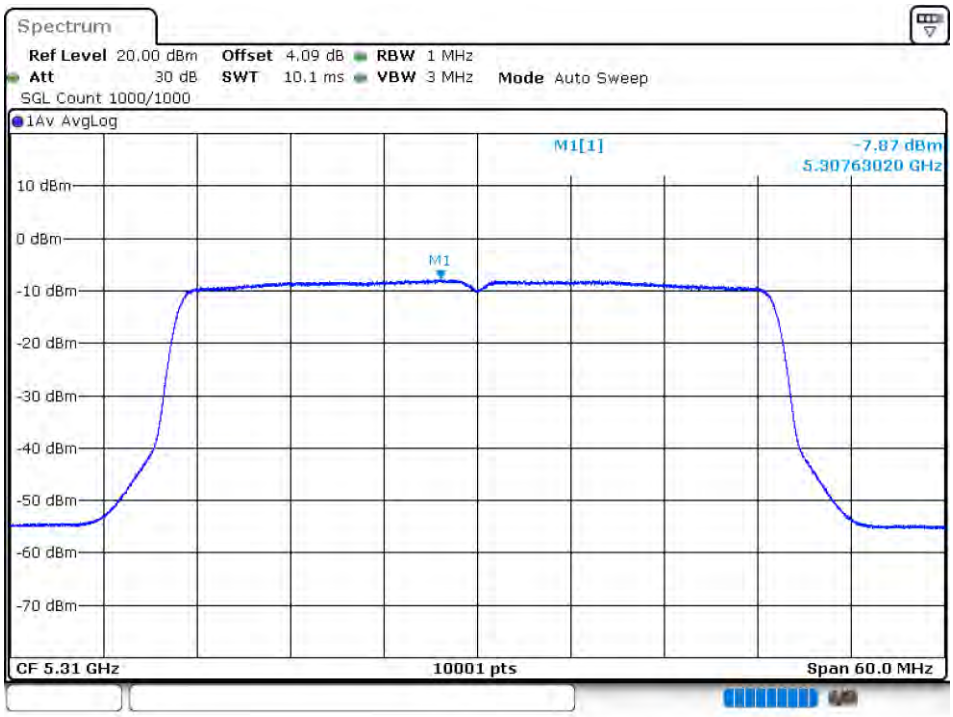
PSD NVNT ax40 5270MHz Ant1



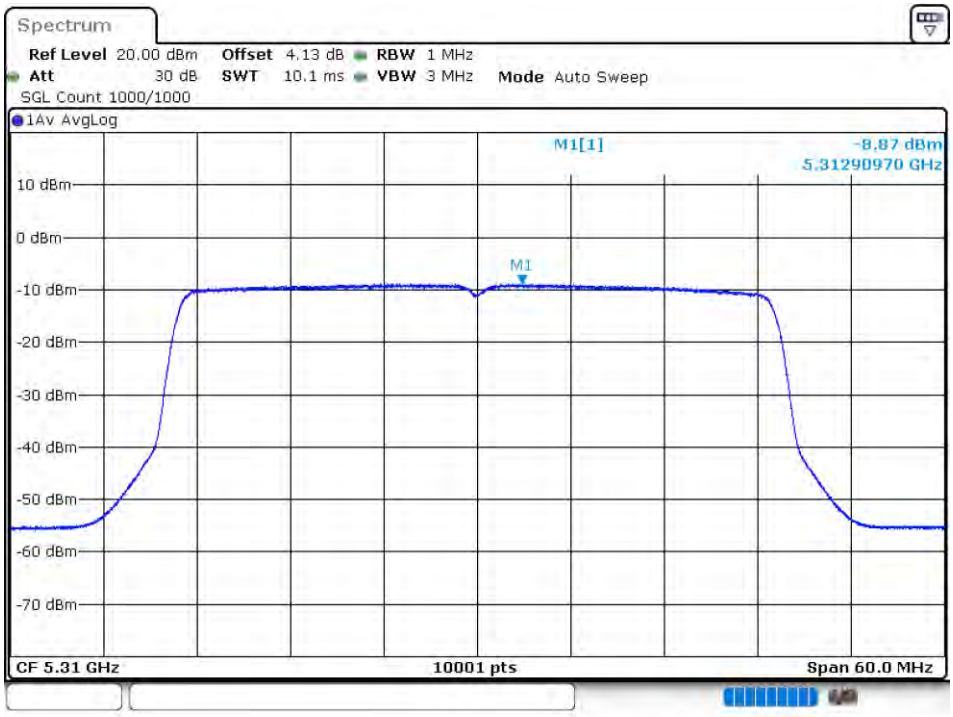
PSD NVNT ax40 5270MHz Ant2



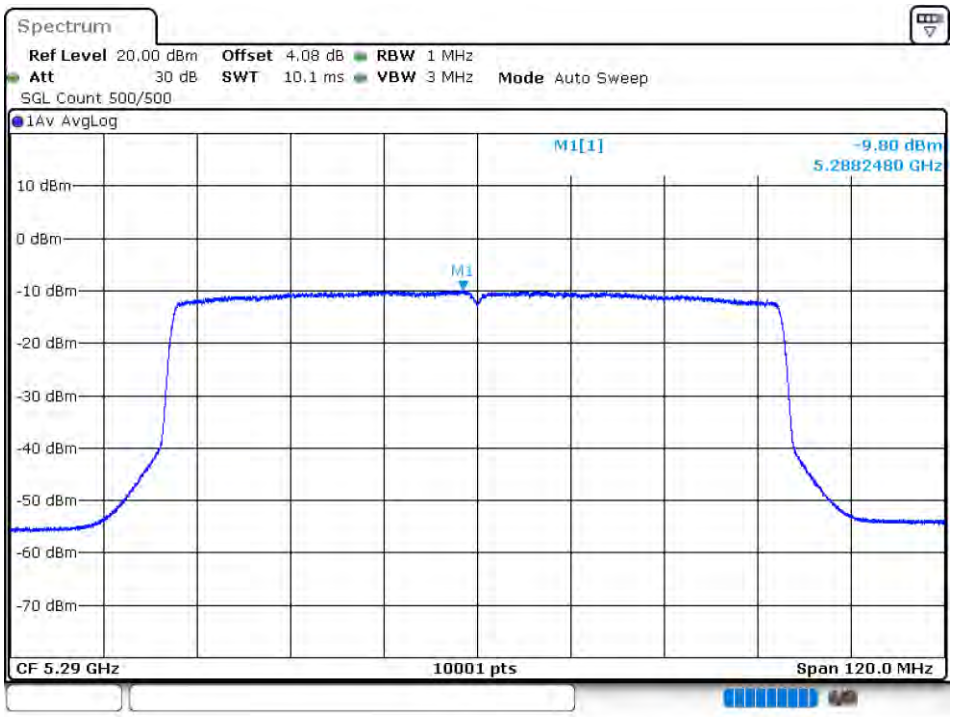
PSD NVNT ax40 5310MHz Ant1



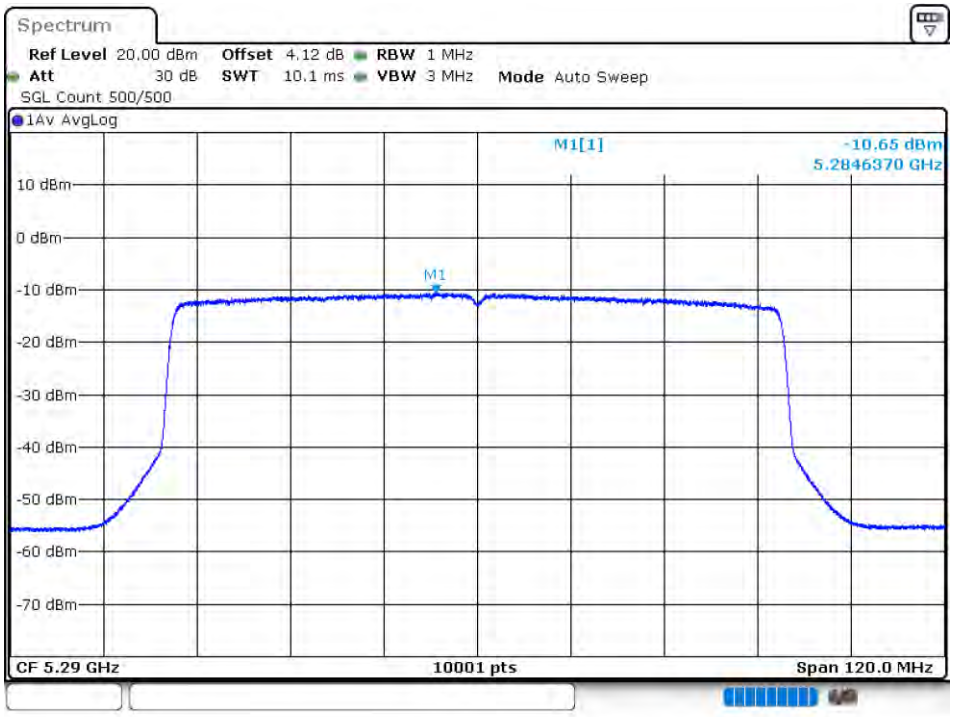
PSD NVNT ax40 5310MHz Ant2



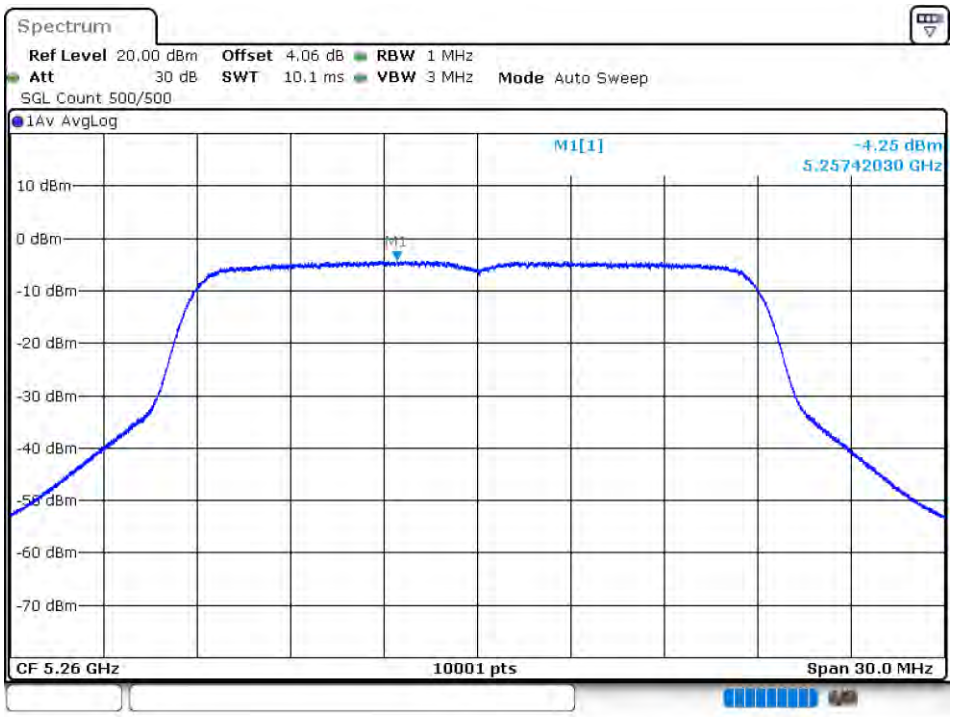
PSD NVNT ax80 5290MHz Ant1



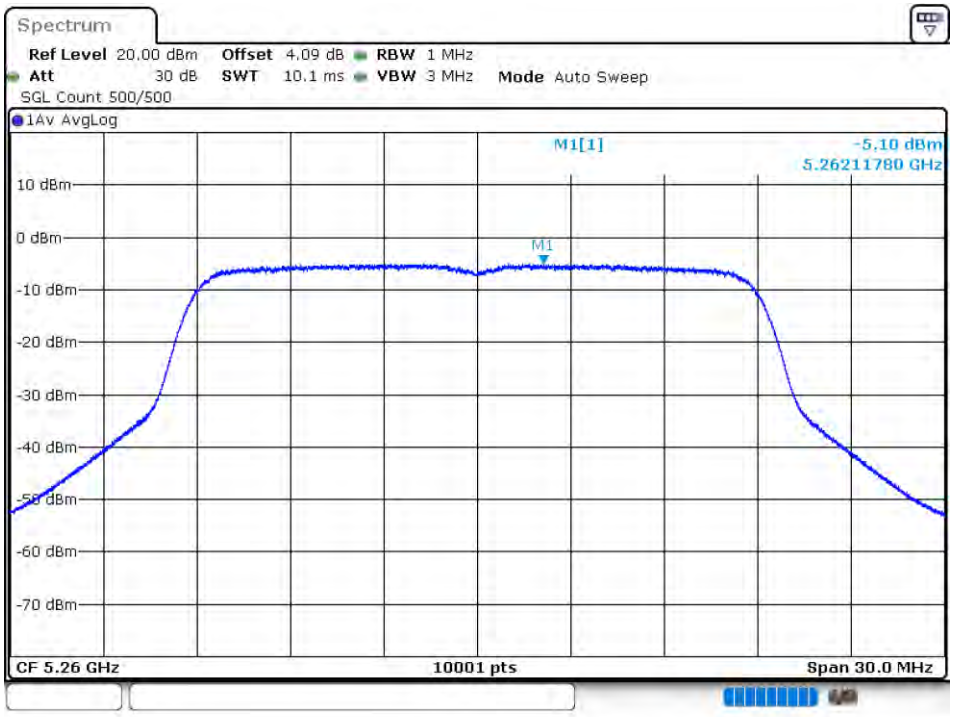
PSD NVNT ax80 5290MHz Ant2



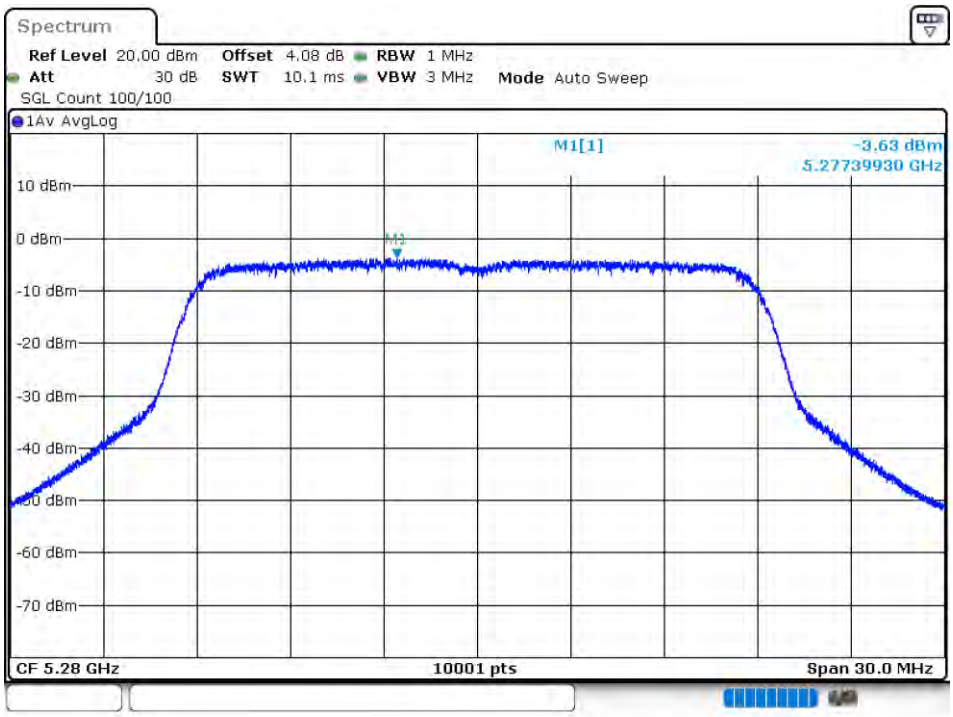
PSD NVNT n20 5260MHz Ant1



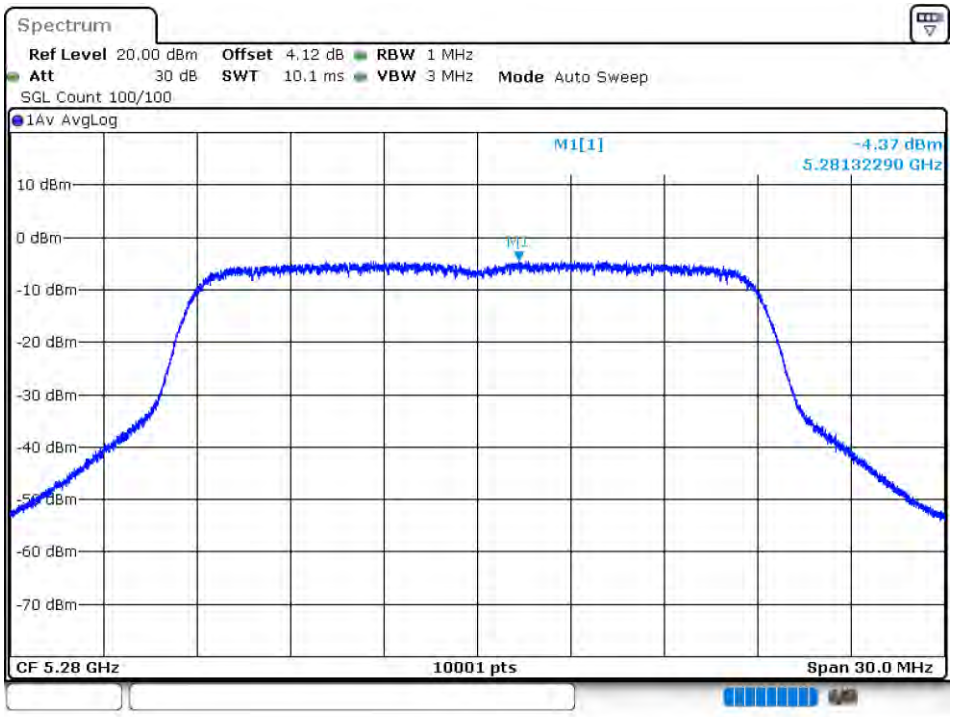
PSD NVNT n20 5260MHz Ant2



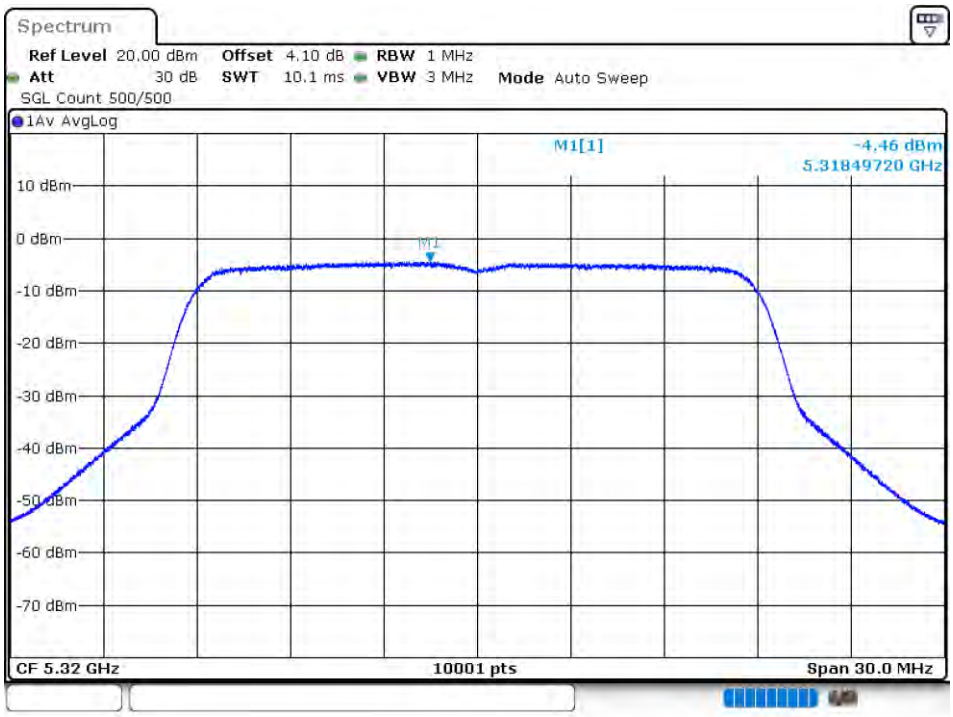
PSD NVNT n20 5280MHz Ant1



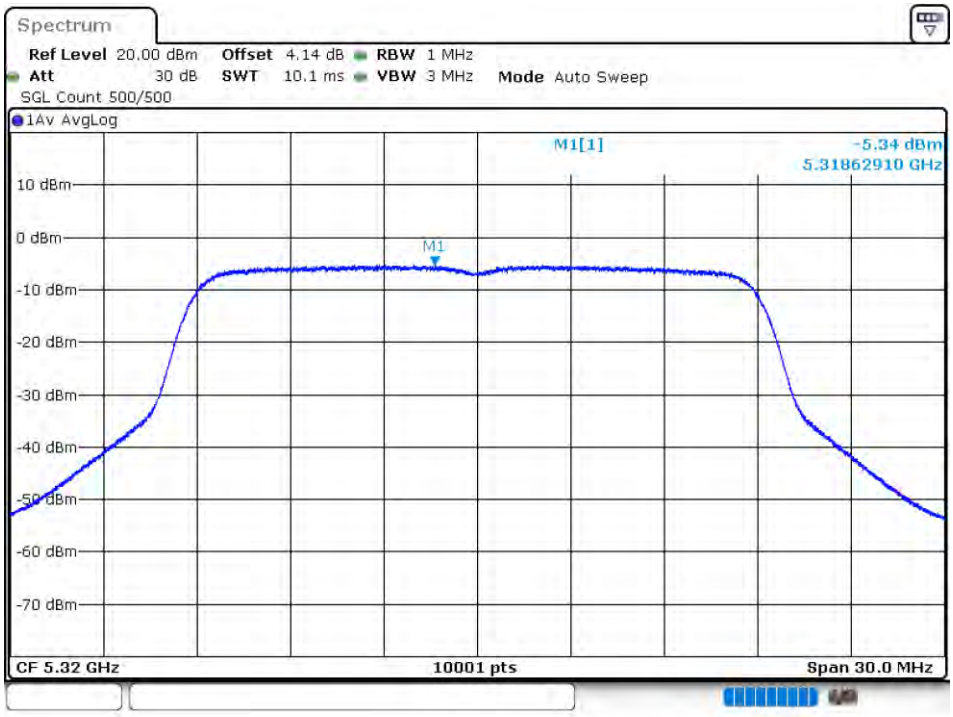
PSD NVNT n20 5280MHz Ant2



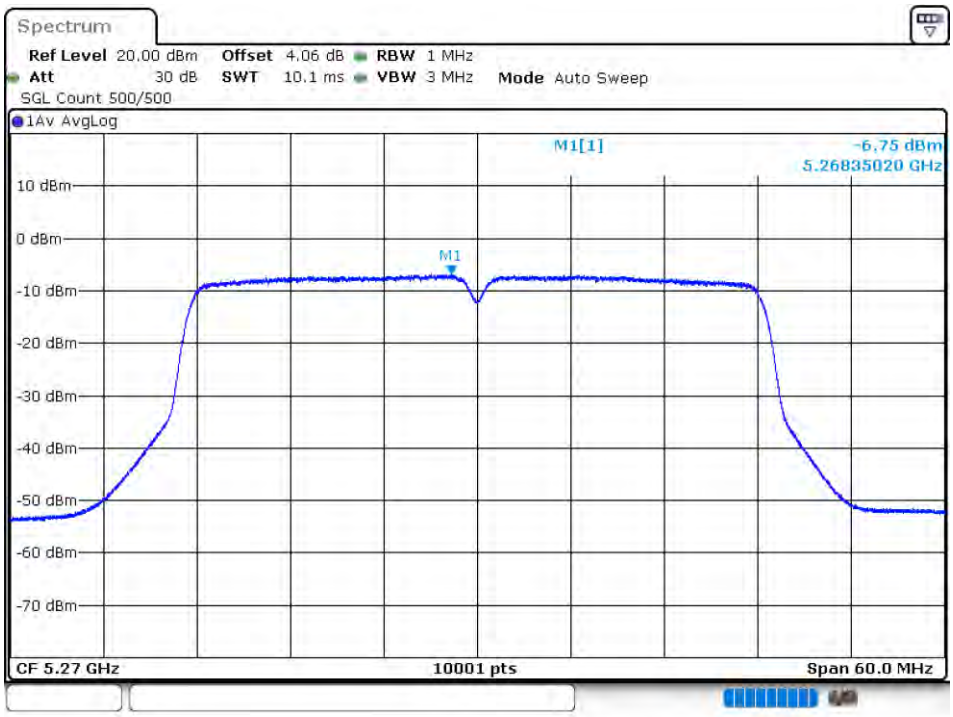
PSD NVNT n20 5320MHz Ant1



PSD NVNT n20 5320MHz Ant2

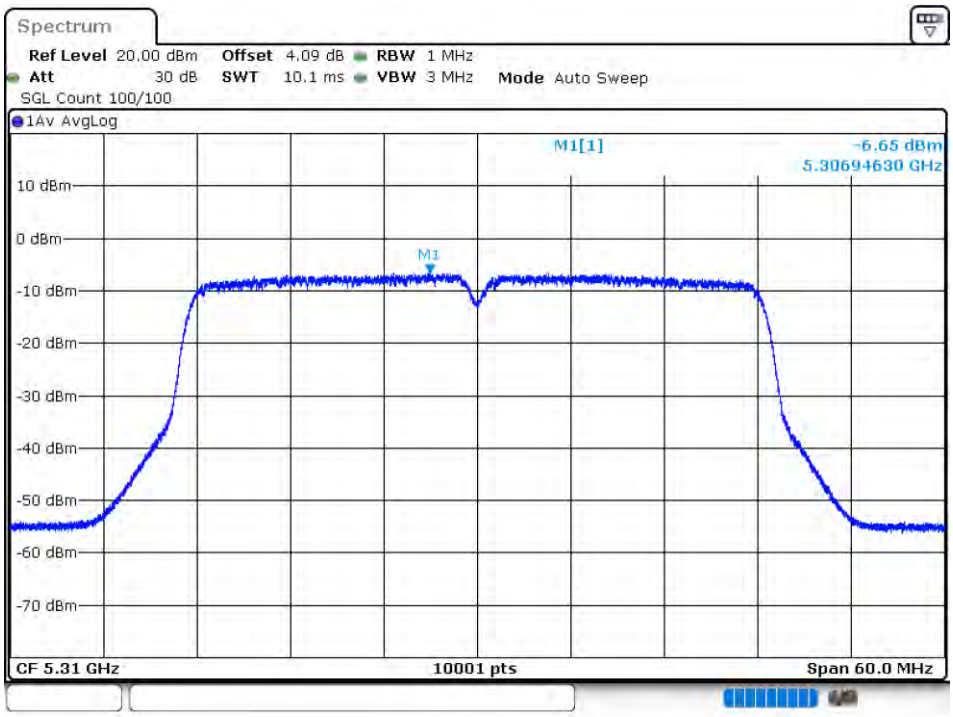


PSD NVNT n40 5270MHz Ant1

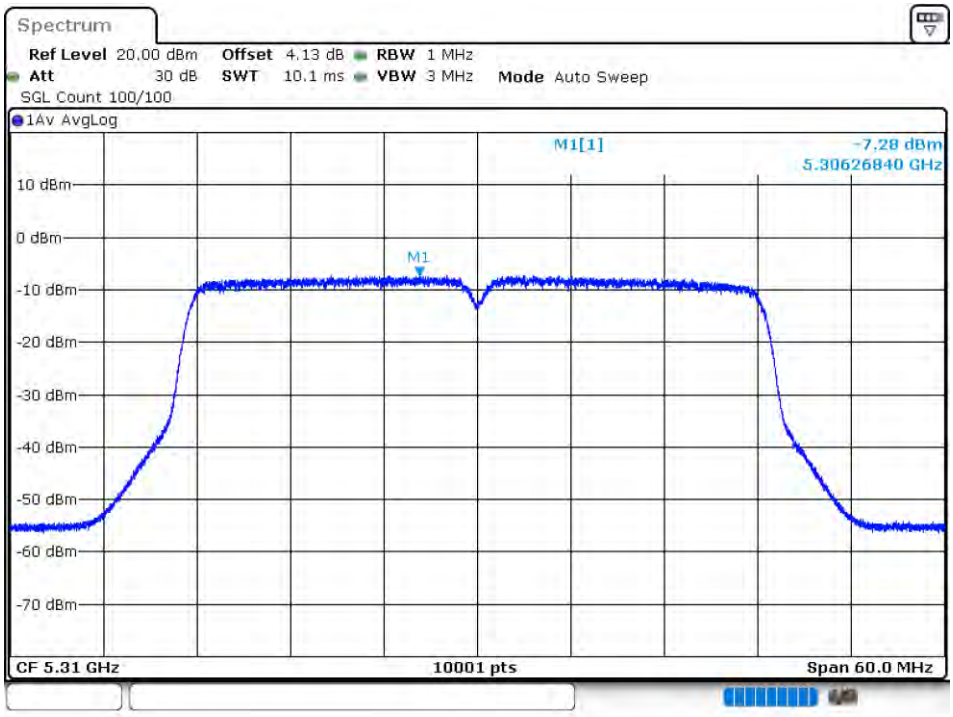


PSD NVNT n40 5270MHz Ant2

PSD NVNT n40 5310MHz Ant1



PSD NVNT n40 5310MHz Ant2

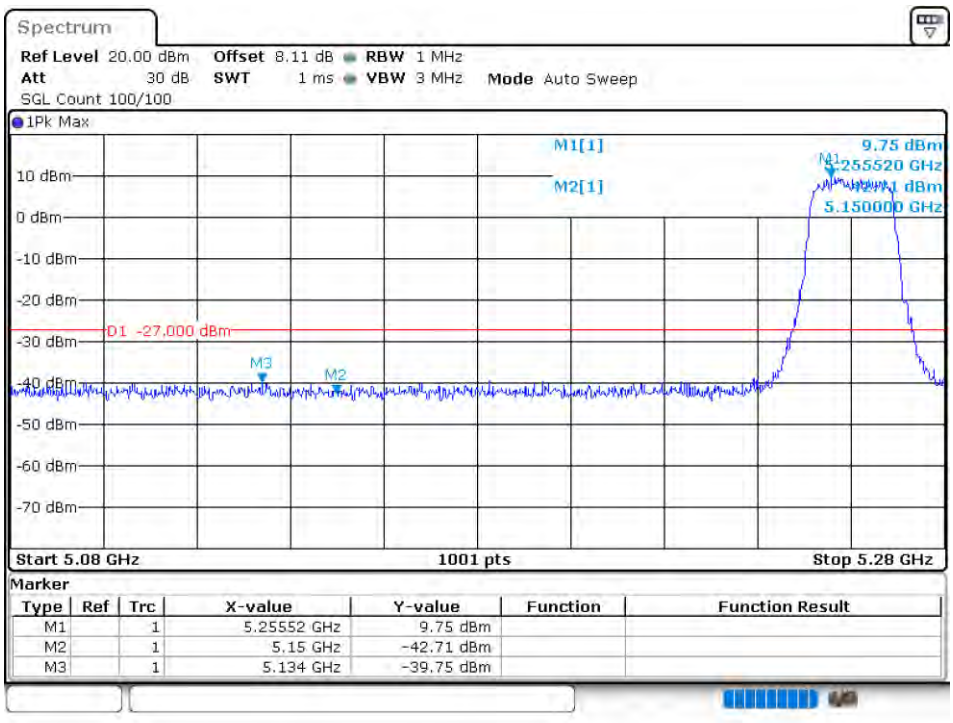


Band Edge

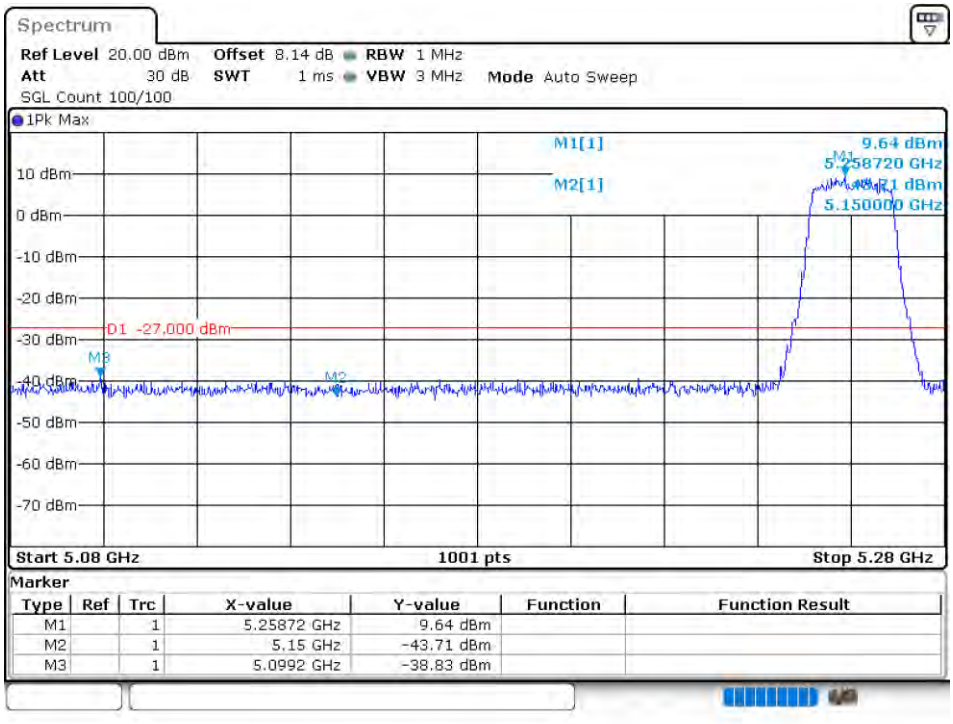
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ac20	5260	Ant1	-39.75	-27	Pass
NVNT	ac20	5260	Ant2	-38.83	-27	Pass
NVNT	ac20	5320	Ant1	-38.58	-27	Pass
NVNT	ac20	5320	Ant2	-38.86	-27	Pass
NVNT	ac40	5270	Ant1	-39.36	-27	Pass
NVNT	ac40	5270	Ant2	-39.65	-27	Pass
NVNT	ac40	5310	Ant1	-37.62	-27	Pass
NVNT	ac40	5310	Ant2	-38.45	-27	Pass
NVNT	ac80	5290	Ant1	-47.33	-27	Pass
NVNT	ac80	5290	Ant2	-46.22	-27	Pass
NVNT	ax20	5260	Ant1	-39.59	-27	Pass
NVNT	ax20	5260	Ant2	-39.15	-27	Pass
NVNT	ax20	5320	Ant1	-38.87	-27	Pass
NVNT	ax20	5320	Ant2	-38.64	-27	Pass
NVNT	ax40	5270	Ant1	-38.84	-27	Pass
NVNT	ax40	5270	Ant2	-39.08	-27	Pass
NVNT	ax40	5310	Ant1	-38.84	-27	Pass
NVNT	ax40	5310	Ant2	-38.9	-27	Pass
NVNT	ax80	5290	Ant1	-39.73	-27	Pass
NVNT	ax80	5290	Ant2	-39.65	-27	Pass
NVNT	n20	5260	Ant1	-39.5	-27	Pass
NVNT	n20	5260	Ant2	-39.05	-27	Pass
NVNT	n20	5320	Ant1	-38.62	-27	Pass
NVNT	n20	5320	Ant2	-38.92	-27	Pass
NVNT	n40	5270	Ant1	-39.59	-27	Pass
NVNT	n40	5270	Ant2	-38.34	-27	Pass
NVNT	n40	5310	Ant1	-39.07	-27	Pass
NVNT	n40	5310	Ant2	-38.7	-27	Pass

Test Graphs

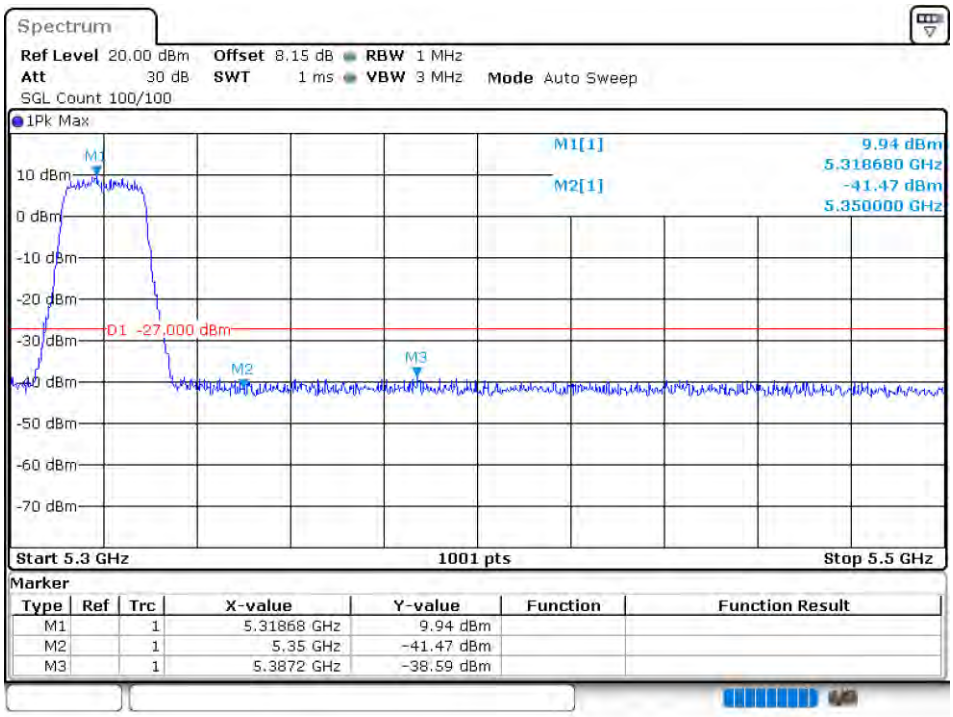
Band Edge NVNT ac20 5260MHz Low Ant1



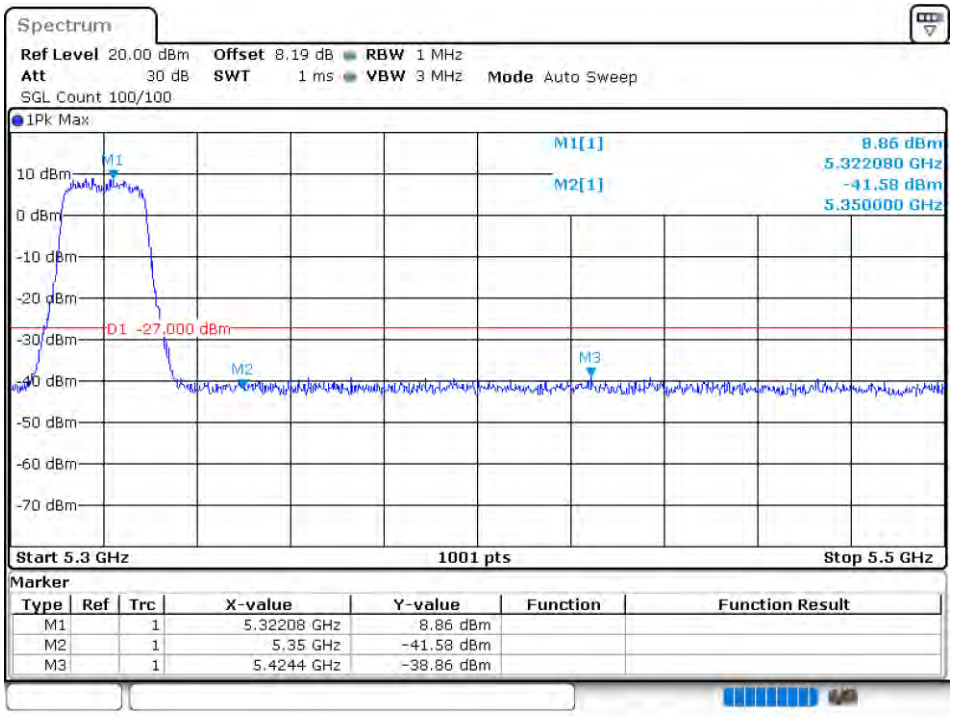
Band Edge NVNT ac20 5260MHz Low Ant2



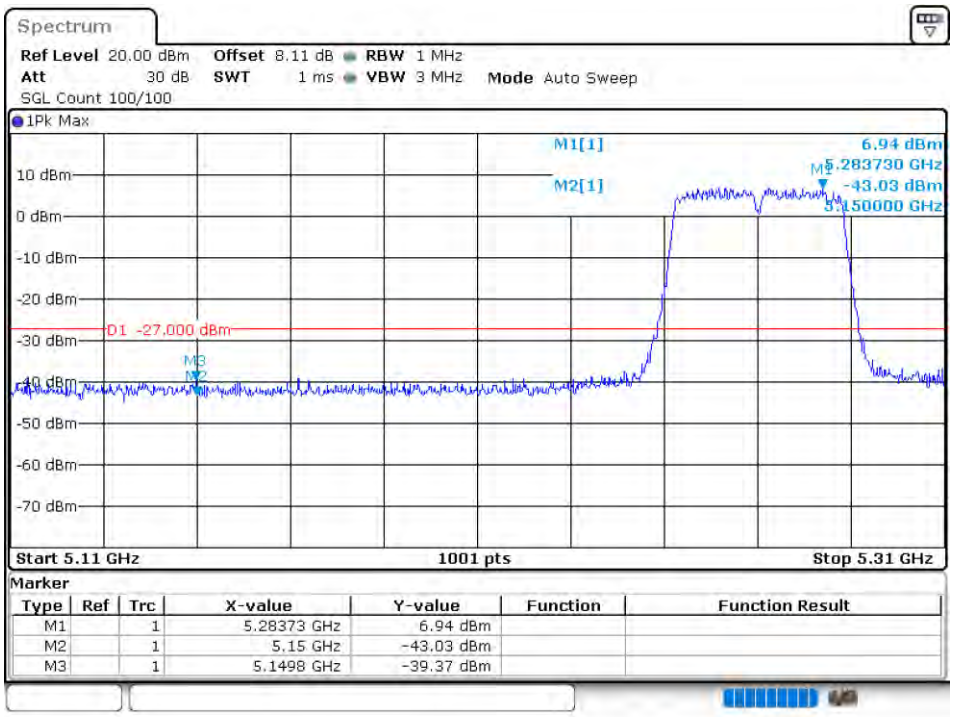
Band Edge NVNT ac20 5320MHz High Ant1



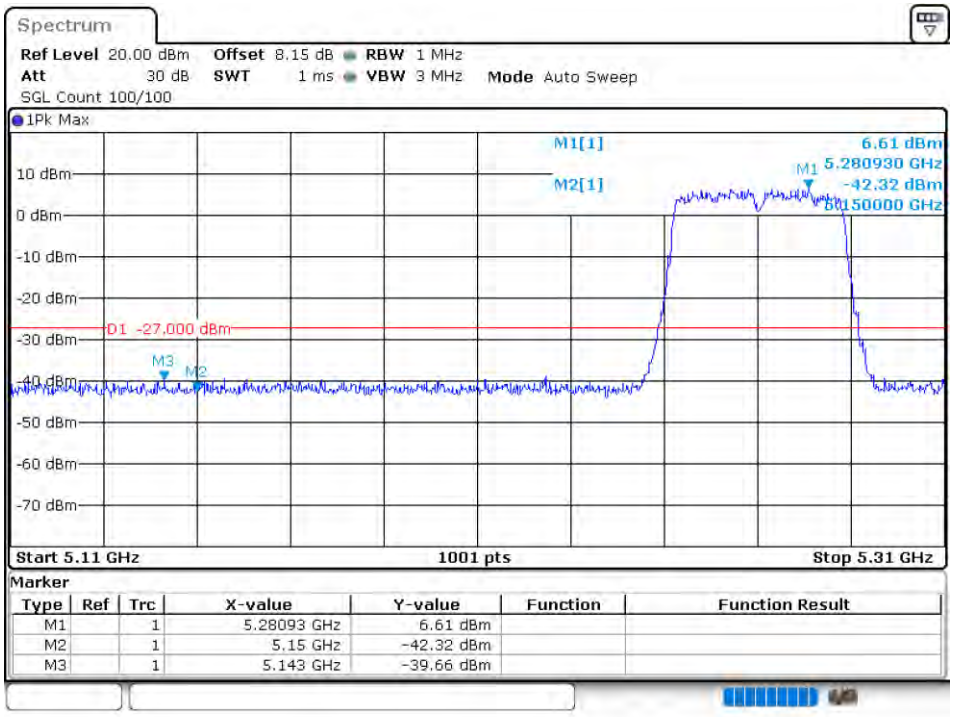
Band Edge NVNT ac20 5320MHz High Ant2



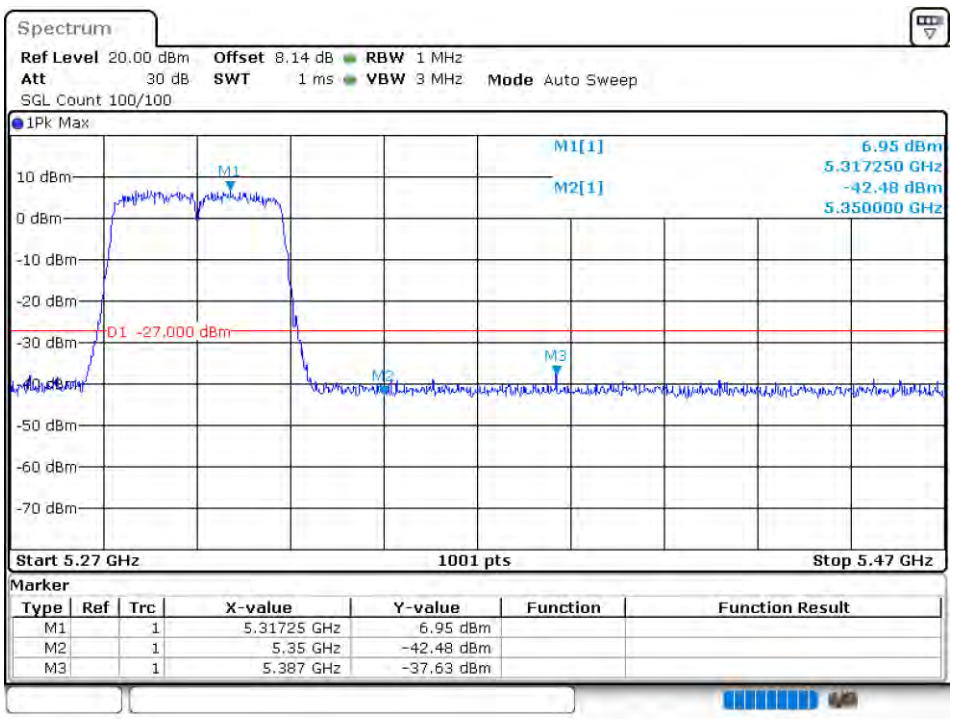
Band Edge NVNT ac40 5270MHz Low Ant1



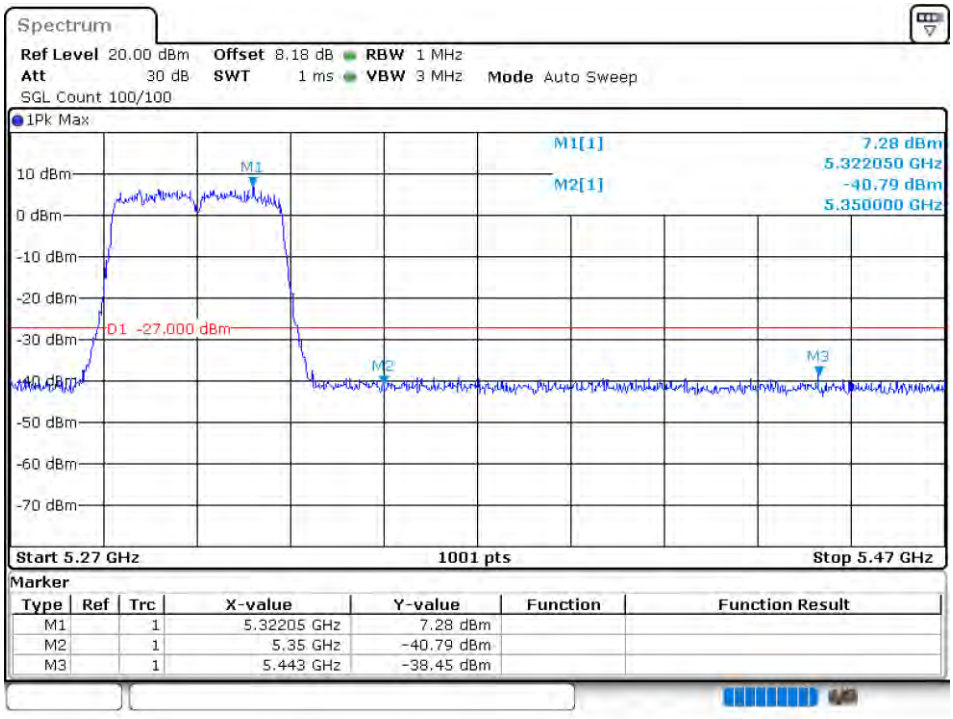
Band Edge NVNT ac40 5270MHz Low Ant2



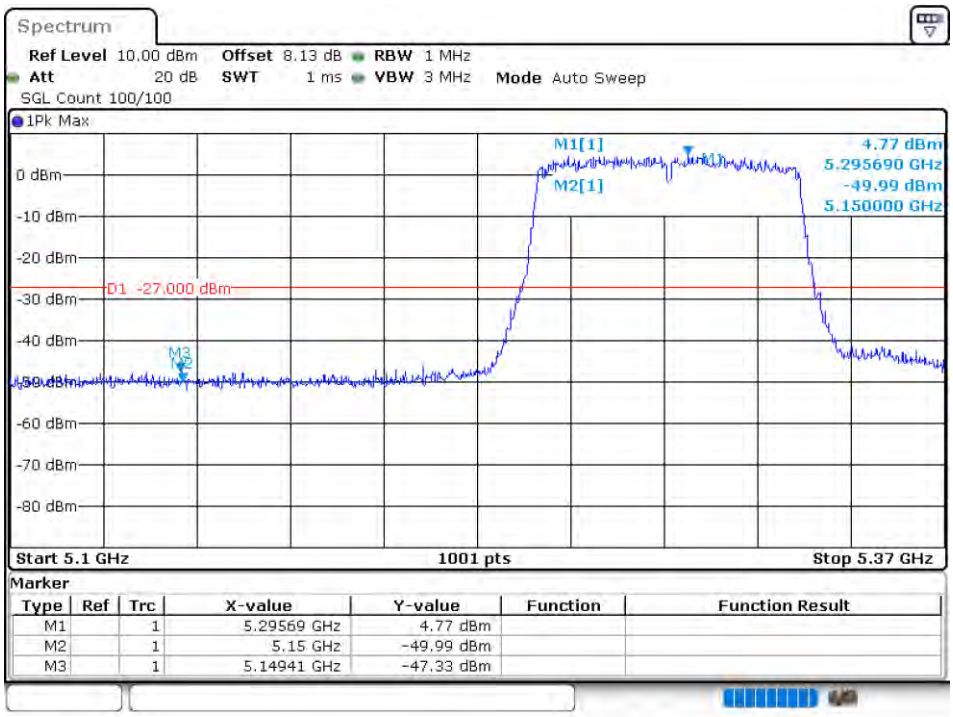
Band Edge NVNT ac40 5310MHz High Ant1



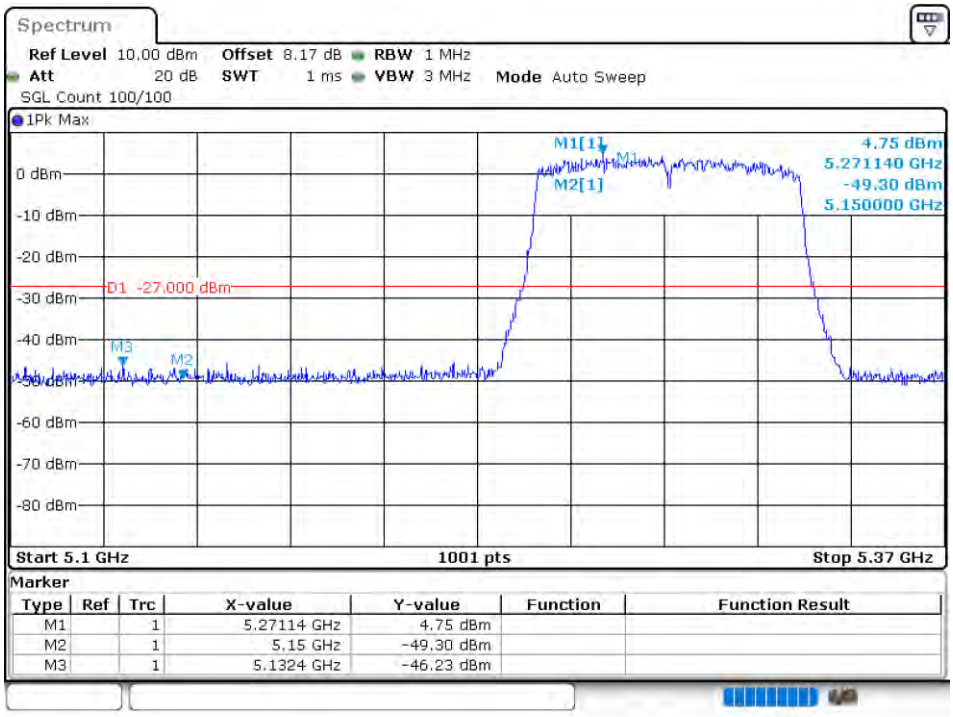
Band Edge NVNT ac40 5310MHz High Ant2



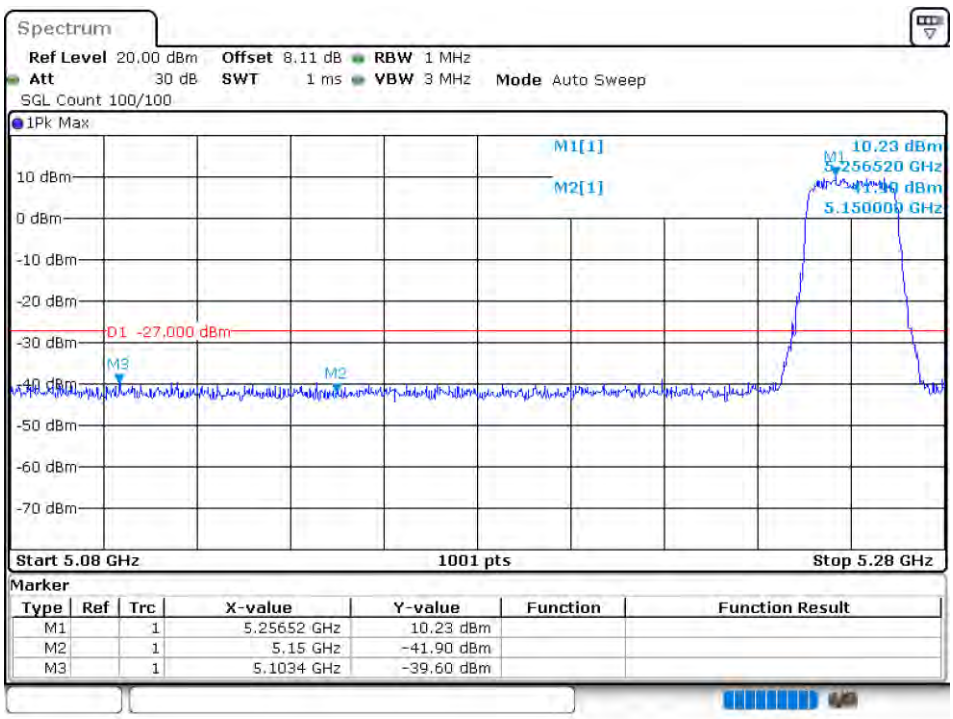
Band Edge NVNT ac80 5290MHz Low Ant1



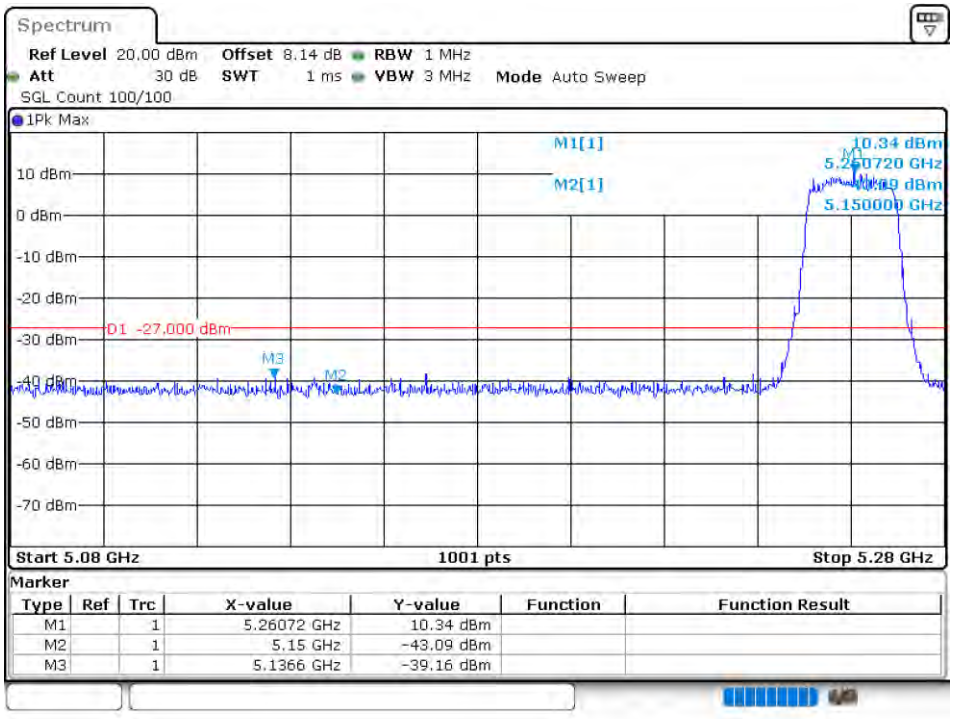
Band Edge NVNT ac80 5290MHz Low Ant2



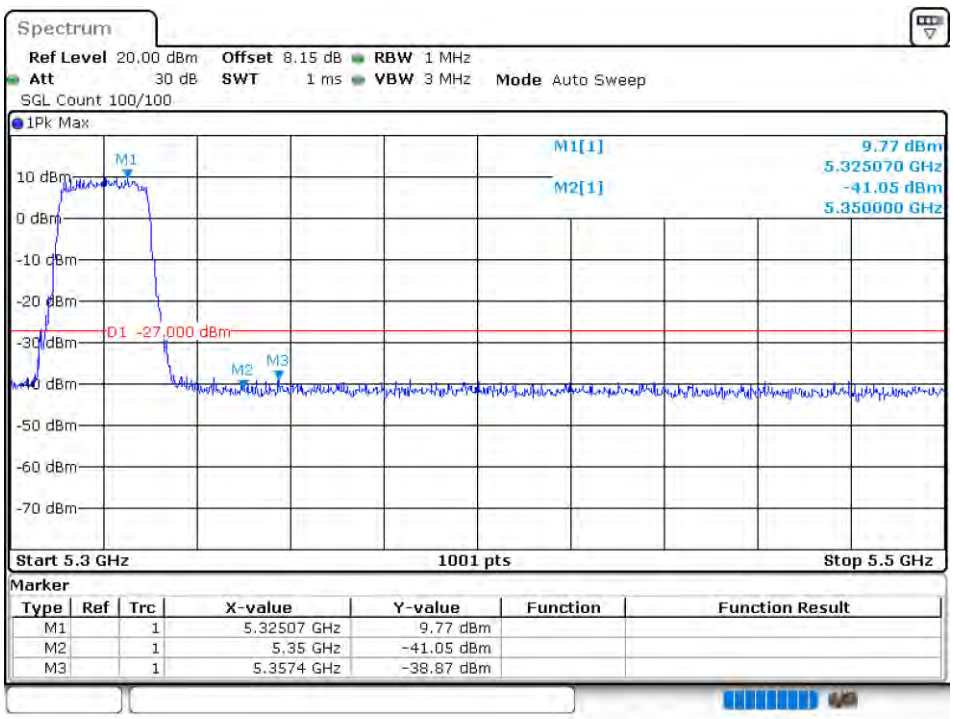
Band Edge NVNT ax20 5260MHz Low Ant1



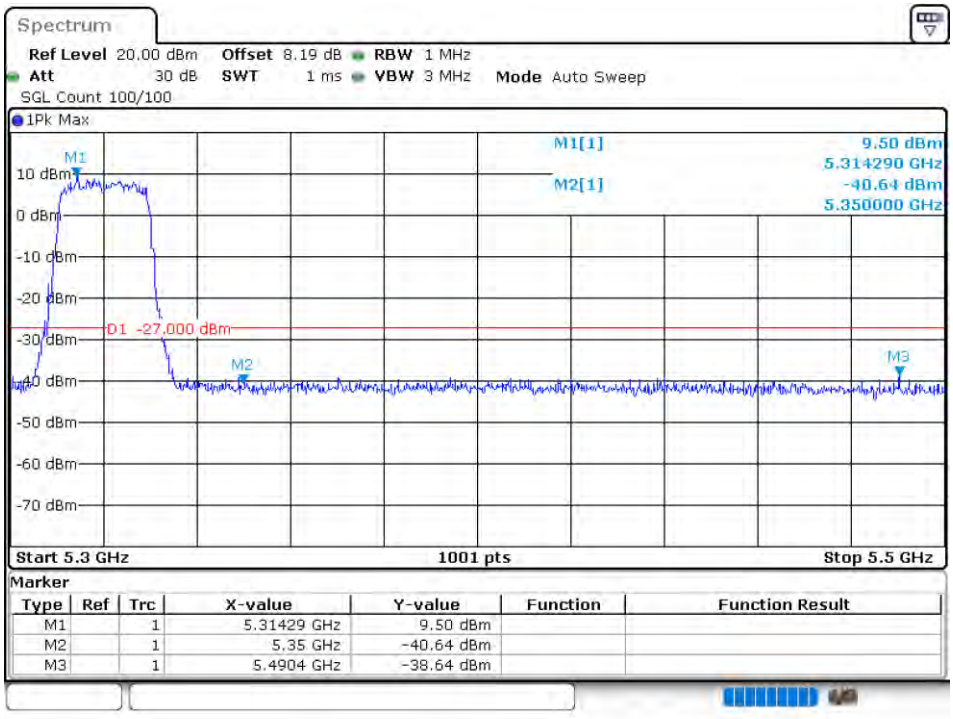
Band Edge NVNT ax20 5260MHz Low Ant2



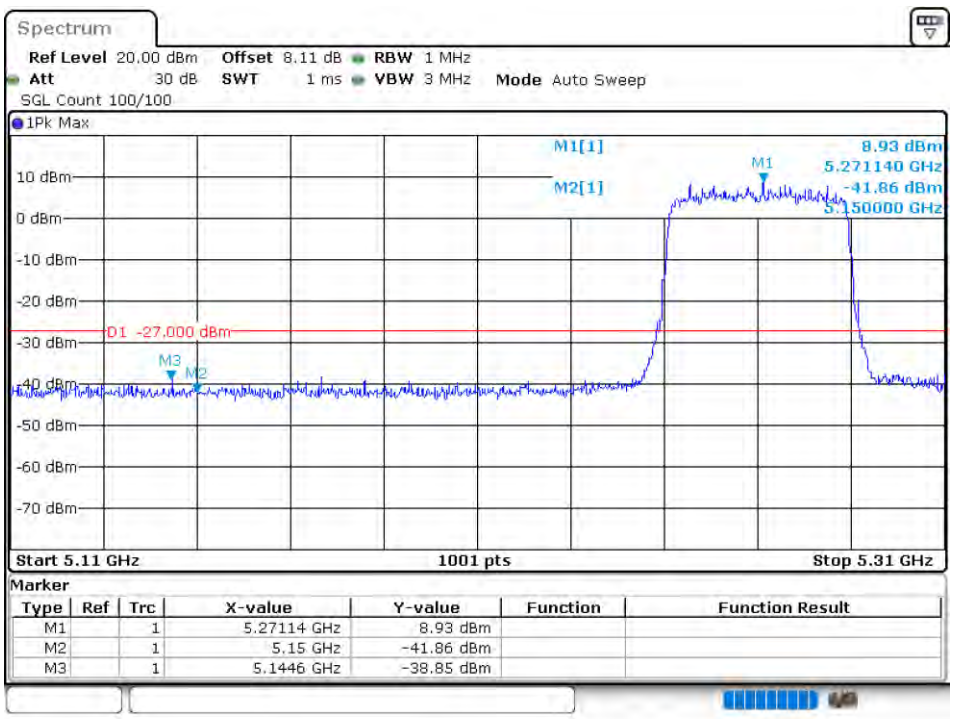
Band Edge NVNT ax20 5320MHz High Ant1



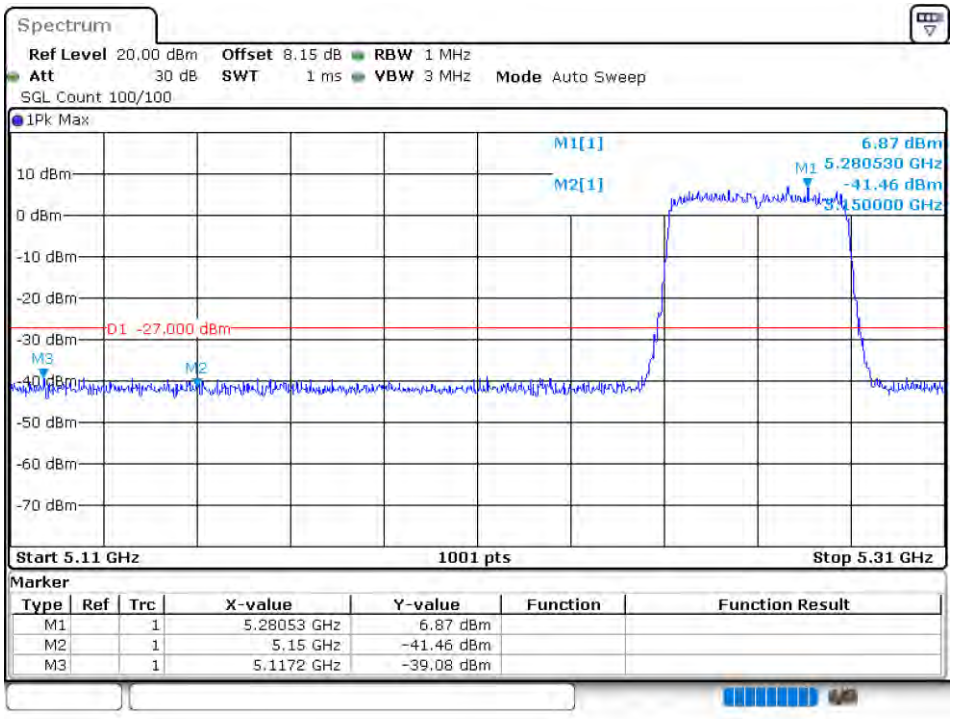
Band Edge NVNT ax20 5320MHz High Ant2



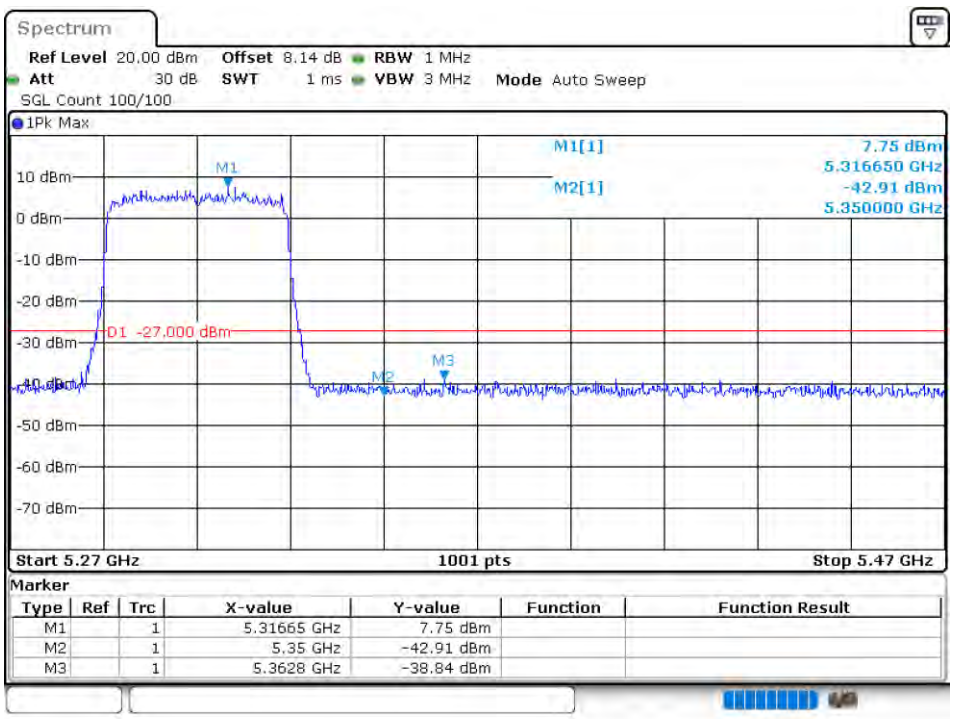
Band Edge NVNT ax40 5270MHz Low Ant1



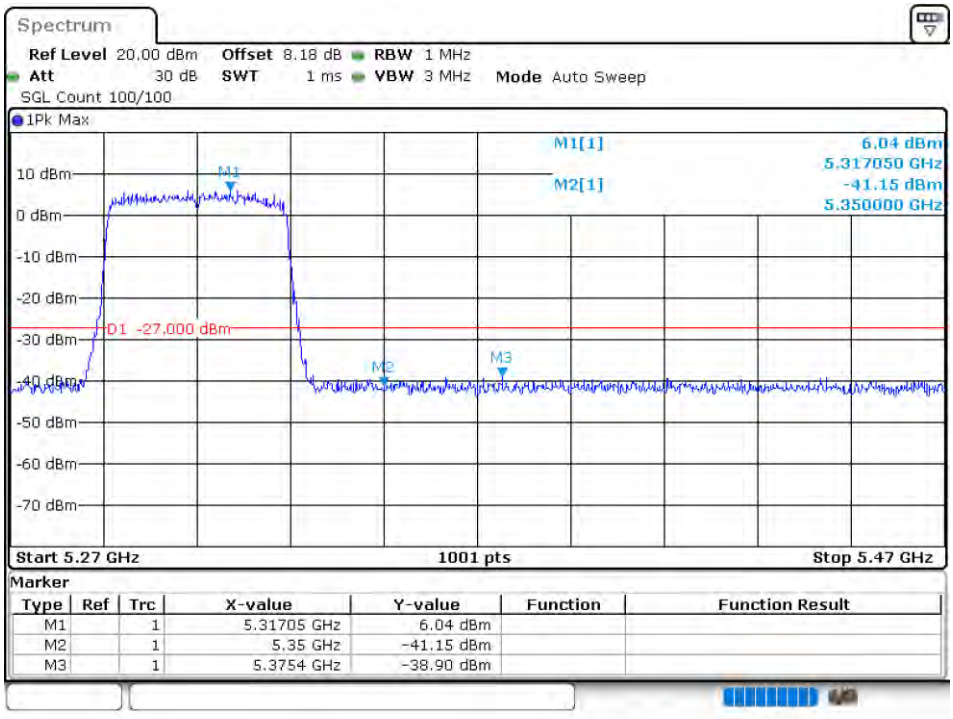
Band Edge NVNT ax40 5270MHz Low Ant2



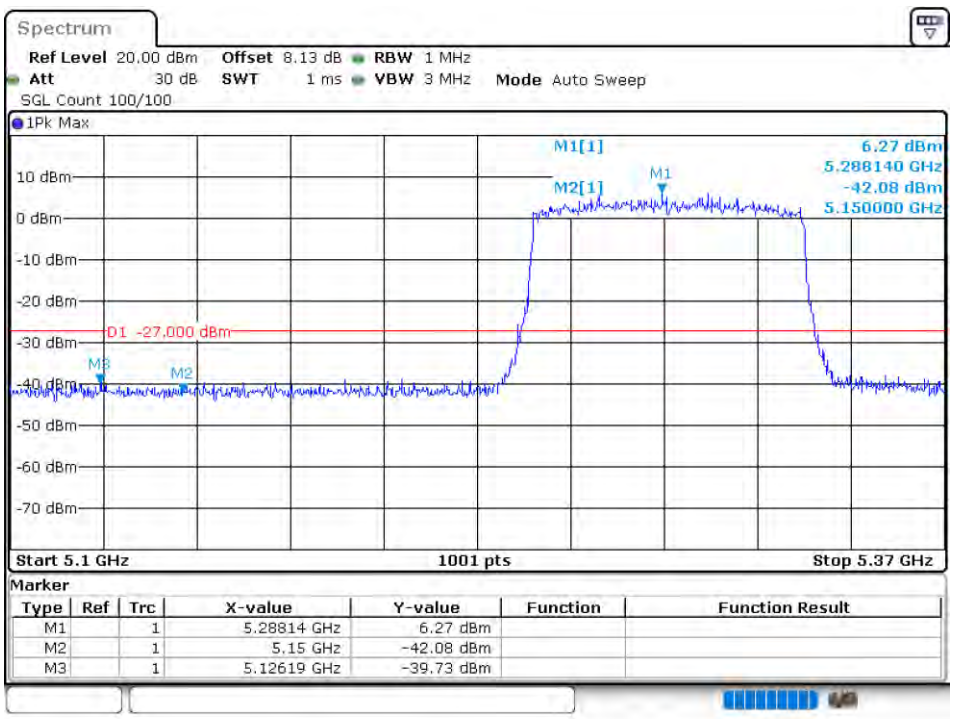
Band Edge NVNT ax40 5310MHz High Ant1



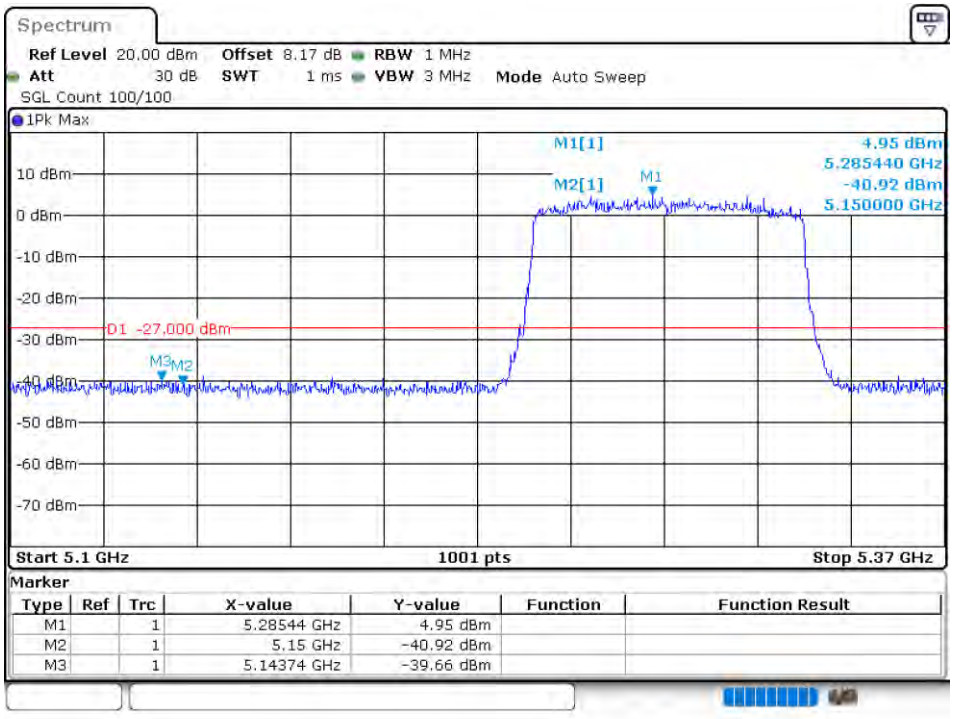
Band Edge NVNT ax40 5310MHz High Ant2



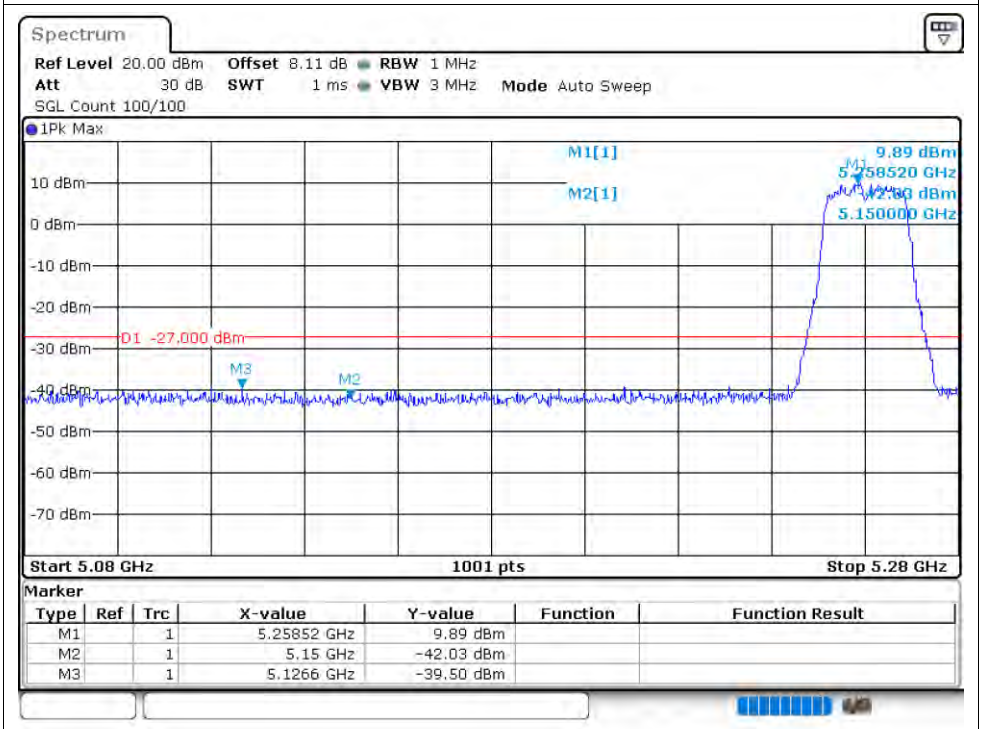
Band Edge NVNT ax80 5290MHz Low Ant1



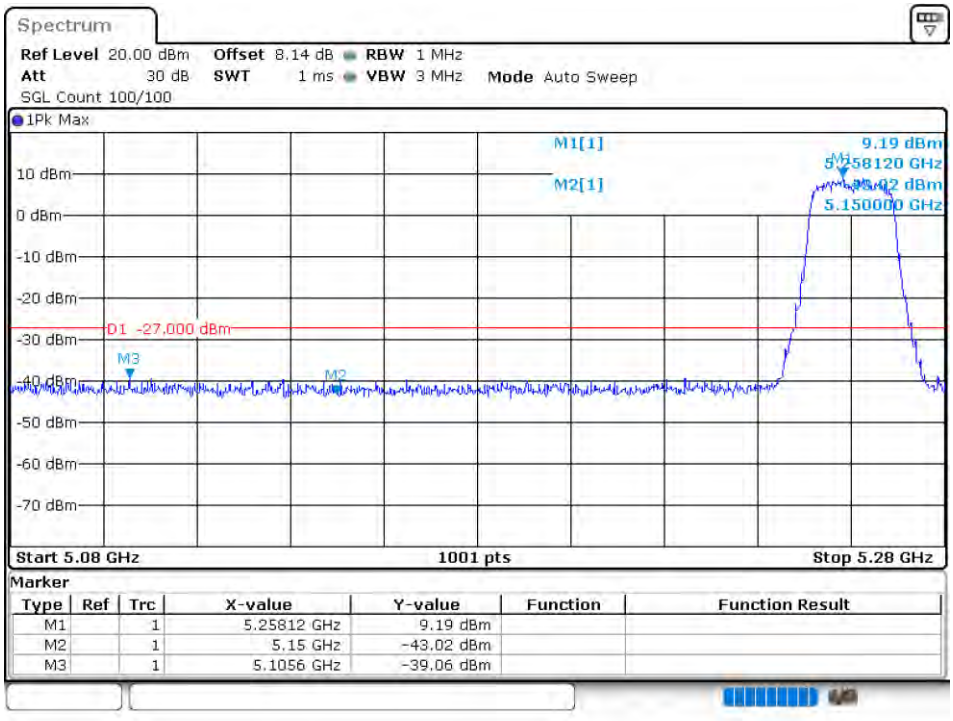
Band Edge NVNT ax80 5290MHz Low Ant2



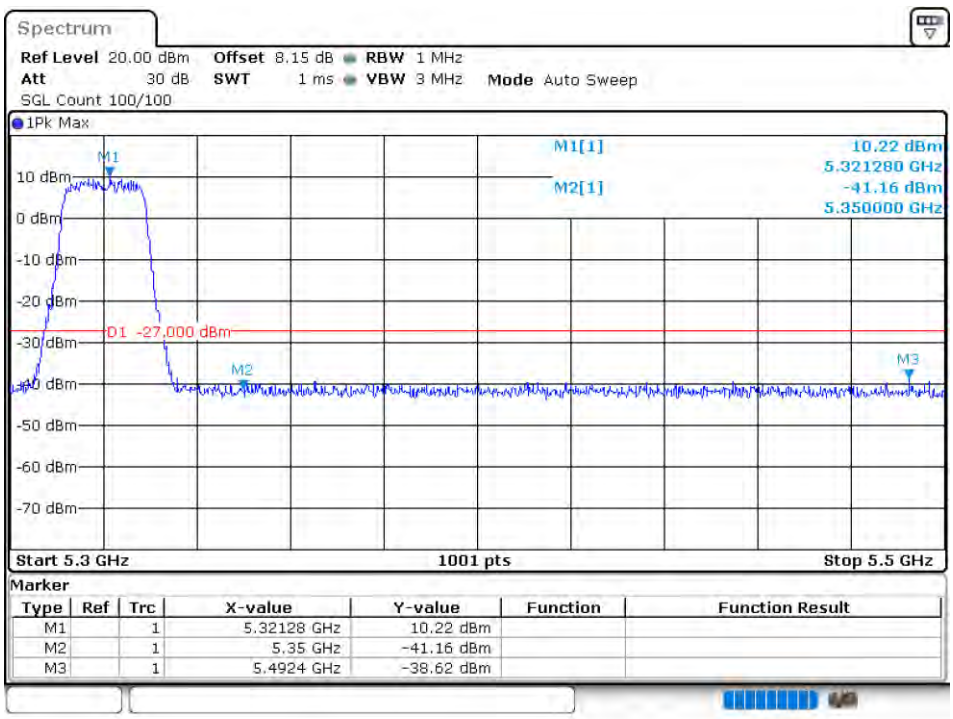
Band Edge NVNT n20 5260MHz Low Ant1



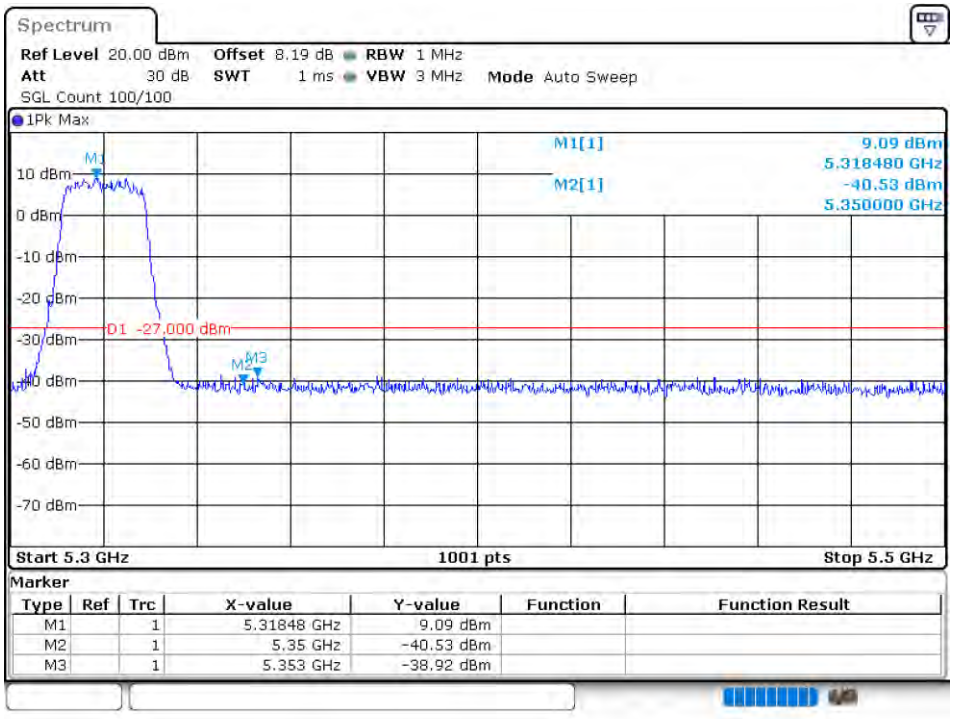
Band Edge NVNT n20 5260MHz Low Ant2



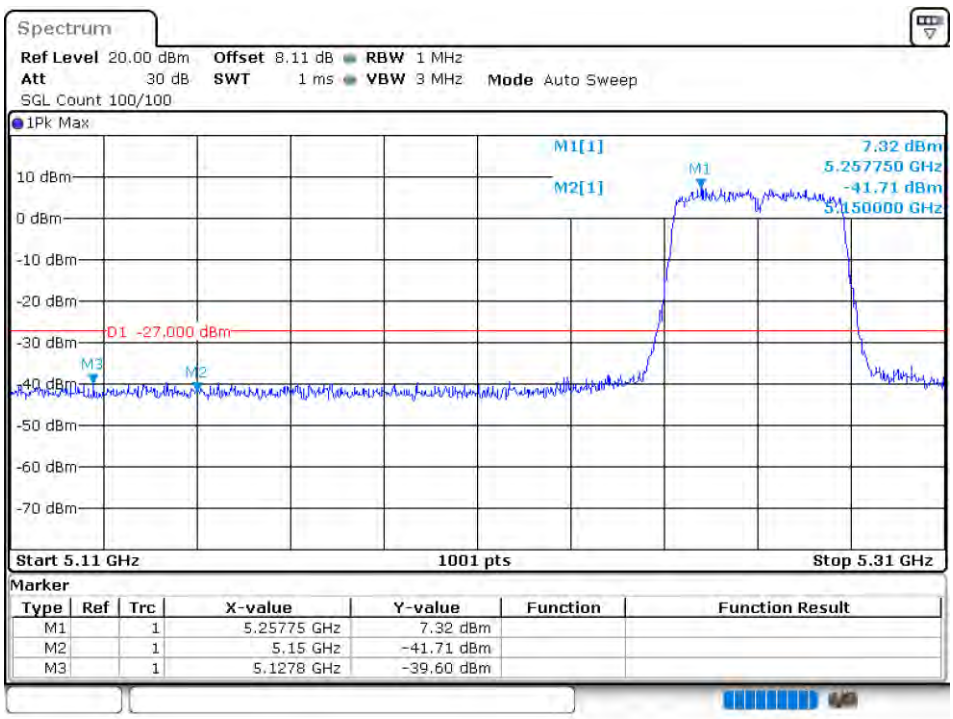
Band Edge NVNT n20 5320MHz High Ant1



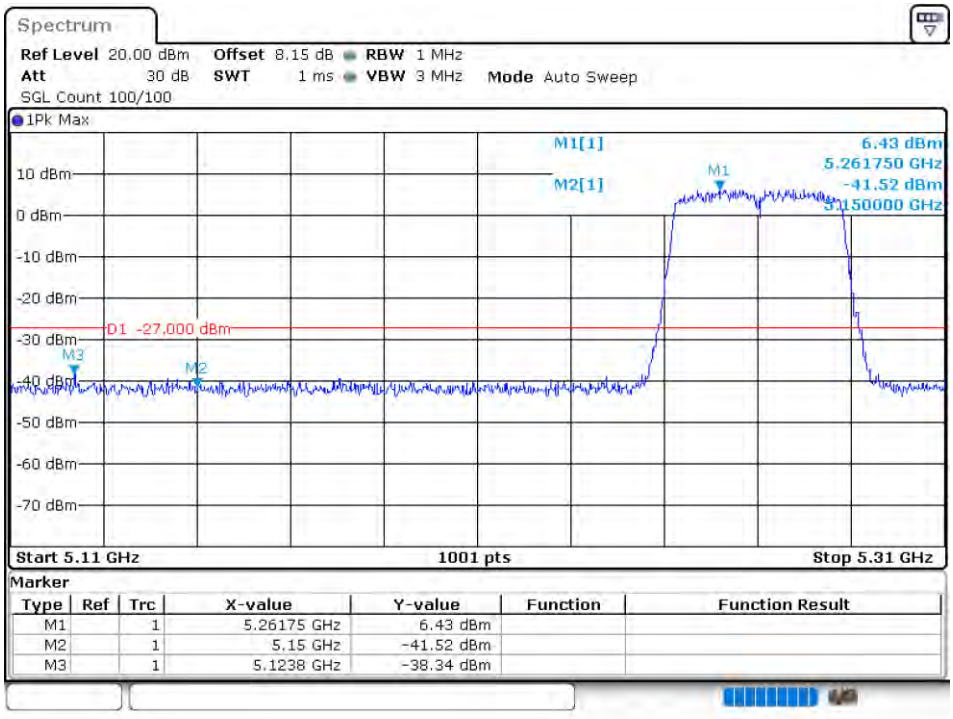
Band Edge NVNT n20 5320MHz High Ant2



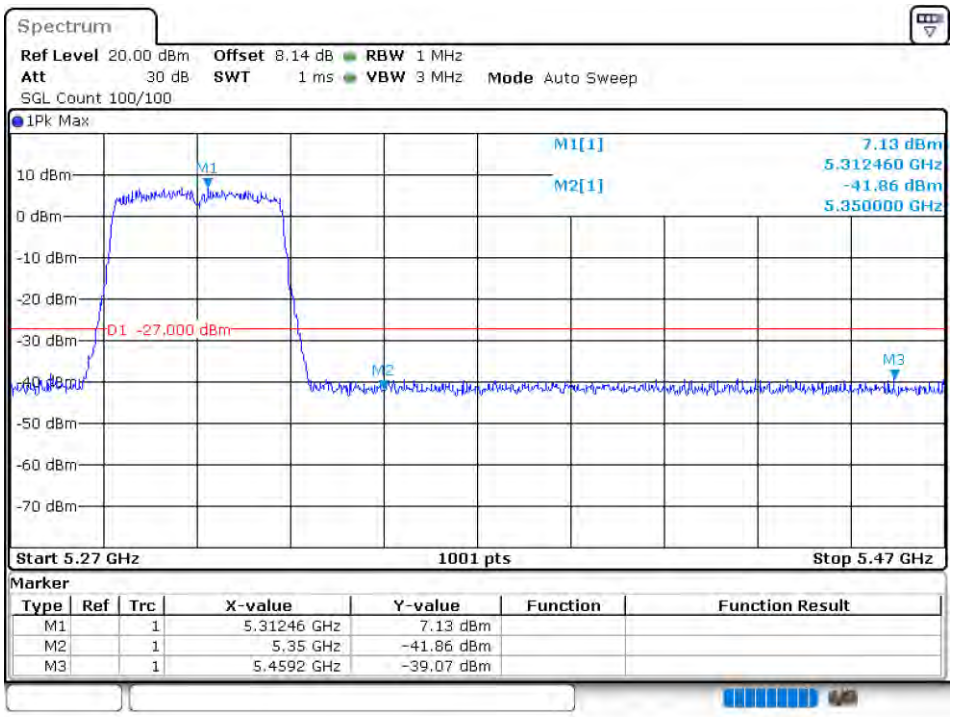
Band Edge NVNT n40 5270MHz Low Ant1



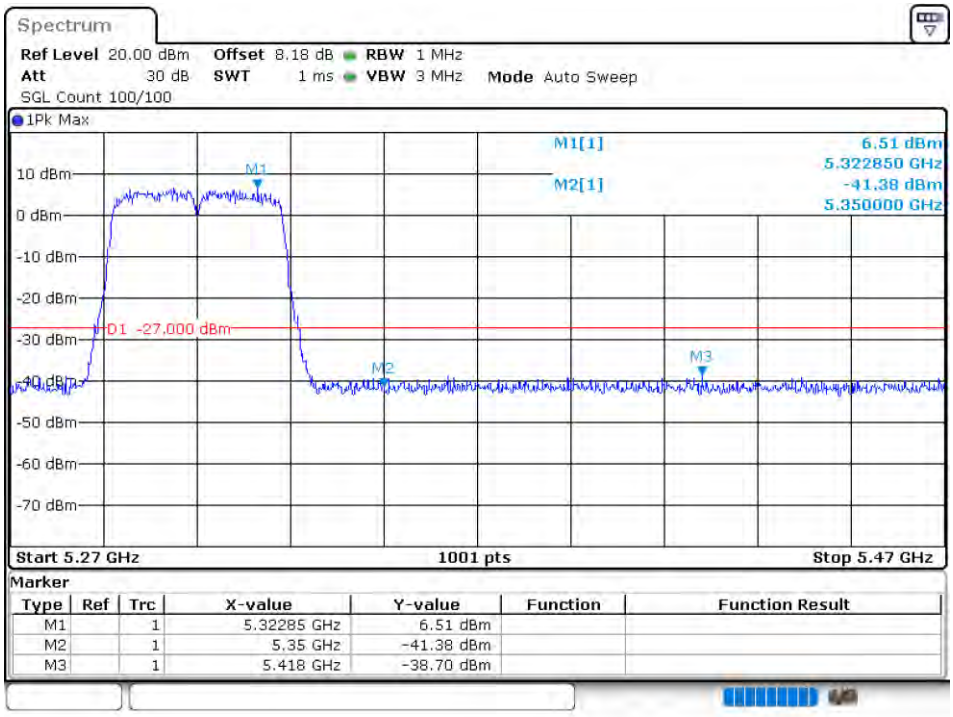
Band Edge NVNT n40 5270MHz Low Ant2



Band Edge NVNT n40 5310MHz High Ant1



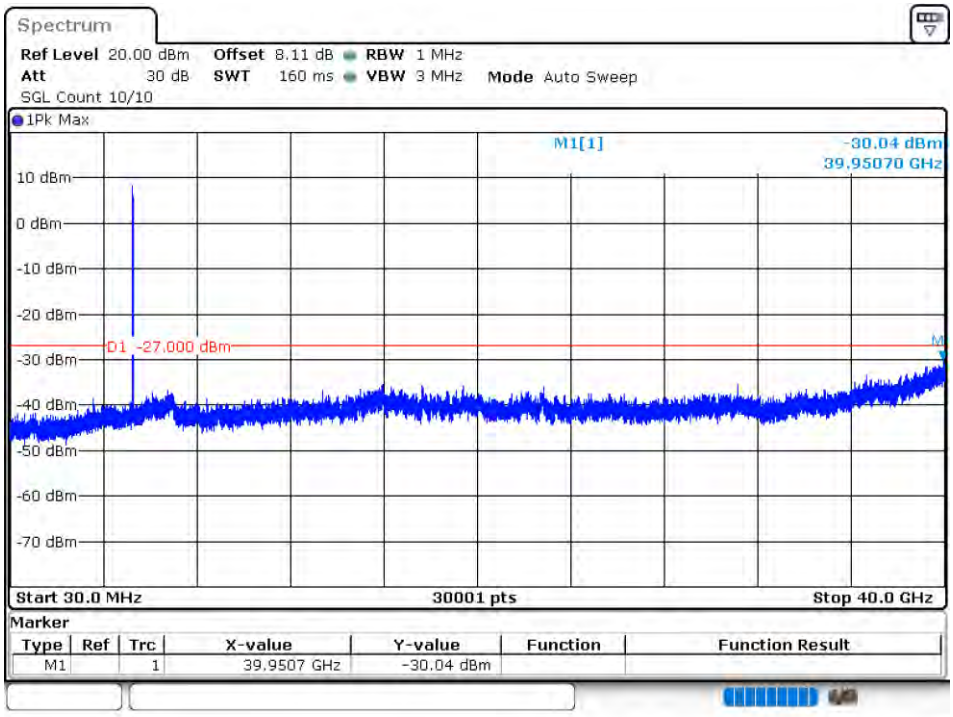
Band Edge NVNT n40 5310MHz High Ant2



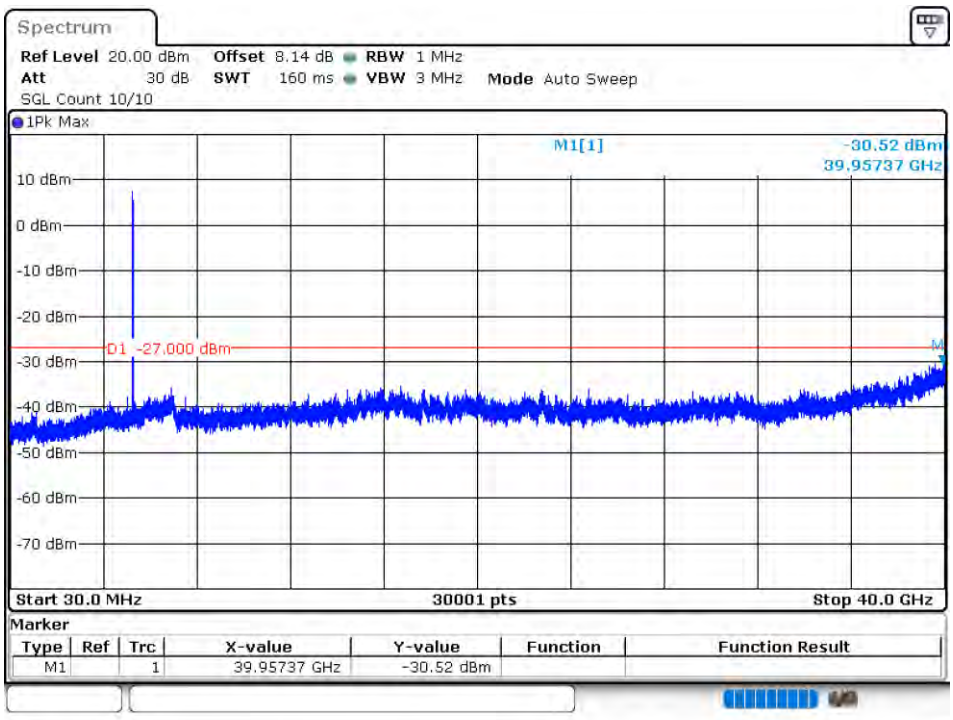
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ac20	5260	Ant1	-30.03	-27	Pass
NVNT	ac20	5260	Ant2	-30.52	-27	Pass
NVNT	ac20	5280	Ant1	-30.65	-27	Pass
NVNT	ac20	5280	Ant2	-30.14	-27	Pass
NVNT	ac20	5320	Ant1	-30.38	-27	Pass
NVNT	ac20	5320	Ant2	-30.18	-27	Pass
NVNT	ac40	5270	Ant1	-30.6	-27	Pass
NVNT	ac40	5270	Ant2	-30.16	-27	Pass
NVNT	ac40	5310	Ant1	-30.52	-27	Pass
NVNT	ac40	5310	Ant2	-29.88	-27	Pass
NVNT	ac80	5290	Ant1	-40.1	-27	Pass
NVNT	ac80	5290	Ant2	-39.79	-27	Pass
NVNT	ax20	5260	Ant1	-30.06	-27	Pass
NVNT	ax20	5260	Ant2	-30.61	-27	Pass
NVNT	ax20	5280	Ant1	-30.05	-27	Pass
NVNT	ax20	5280	Ant2	-30.59	-27	Pass
NVNT	ax20	5320	Ant1	-30.77	-27	Pass
NVNT	ax20	5320	Ant2	-29.55	-27	Pass
NVNT	ax40	5270	Ant1	-30.6	-27	Pass
NVNT	ax40	5270	Ant2	-30.67	-27	Pass
NVNT	ax40	5310	Ant1	-30.25	-27	Pass
NVNT	ax40	5310	Ant2	-30.22	-27	Pass
NVNT	ax80	5290	Ant1	-34.26	-27	Pass
NVNT	ax80	5290	Ant2	-39.67	-27	Pass
NVNT	n20	5260	Ant1	-29.25	-27	Pass
NVNT	n20	5260	Ant2	-30.54	-27	Pass
NVNT	n20	5280	Ant1	-30.63	-27	Pass
NVNT	n20	5280	Ant2	-30.86	-27	Pass
NVNT	n20	5320	Ant1	-29.89	-27	Pass
NVNT	n20	5320	Ant2	-30.25	-27	Pass
NVNT	n40	5270	Ant1	-30.25	-27	Pass
NVNT	n40	5270	Ant2	-29.51	-27	Pass
NVNT	n40	5310	Ant1	-29.77	-27	Pass
NVNT	n40	5310	Ant2	-30.11	-27	Pass

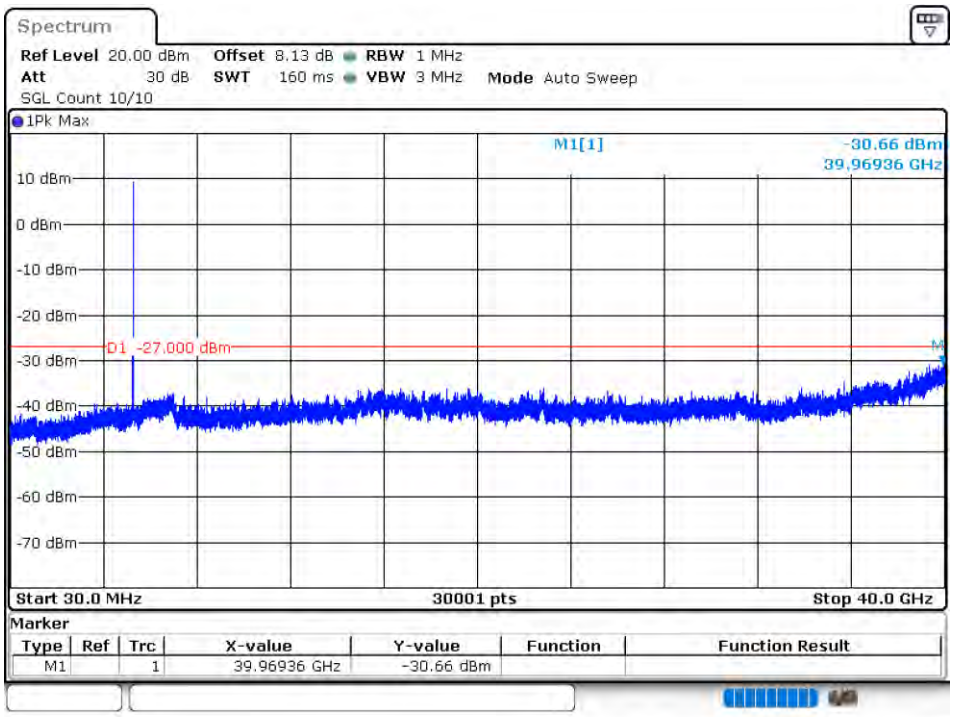
Test Graphs
Tx. Spurious NVNT ac20 5260MHz Ant1 Emission



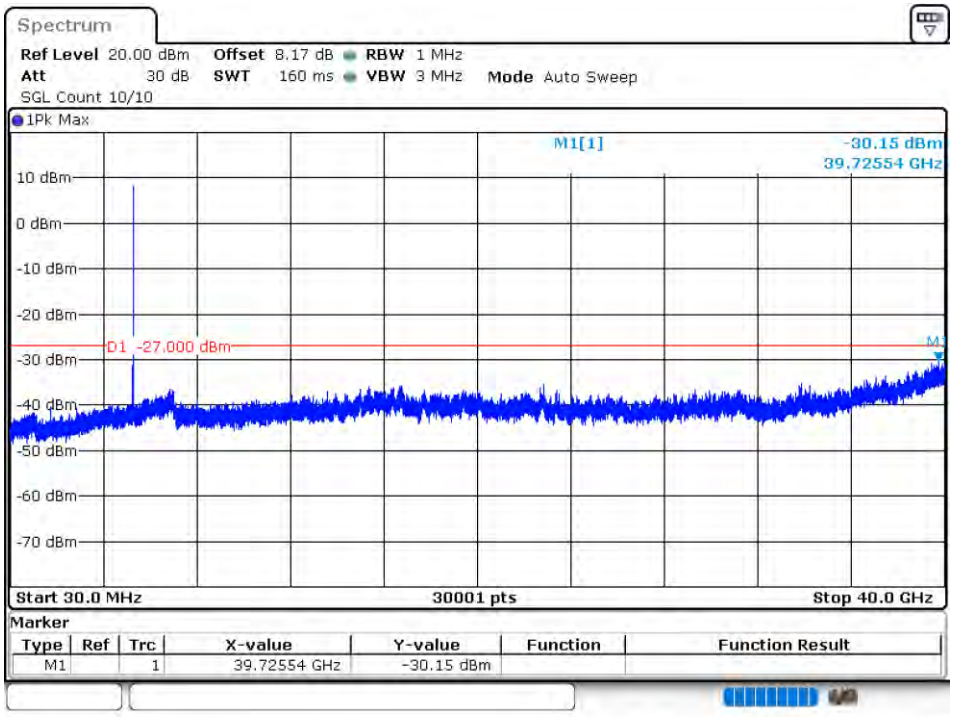
Tx. Spurious NVNT ac20 5260MHz Ant2 Emission



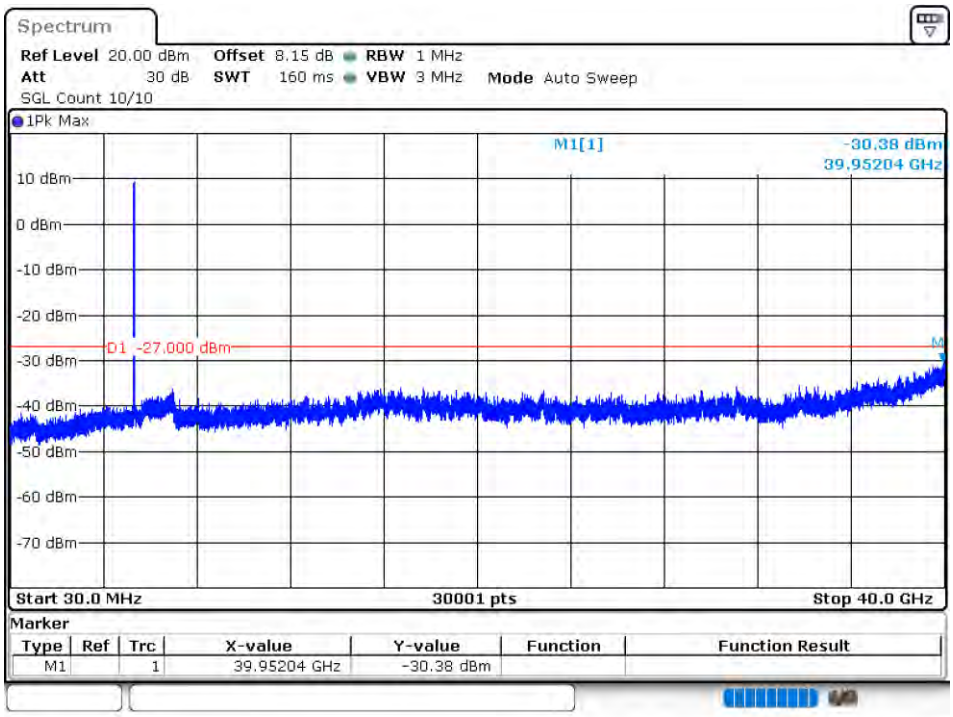
Tx. Spurious NVNT ac20 5280MHz Ant1 Emission



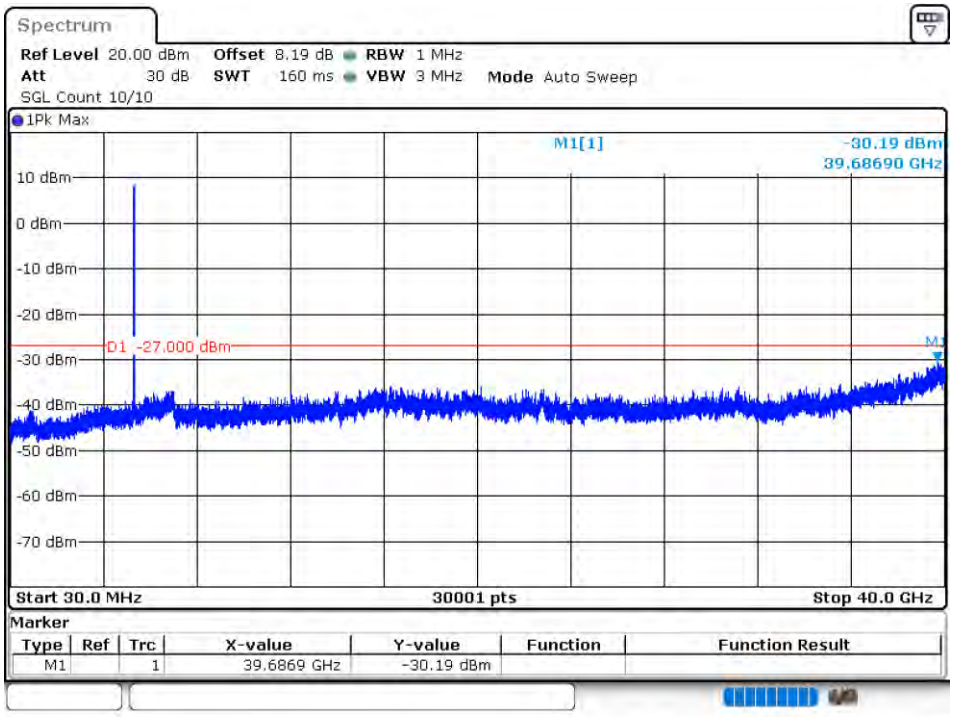
Tx. Spurious NVNT ac20 5280MHz Ant2 Emission



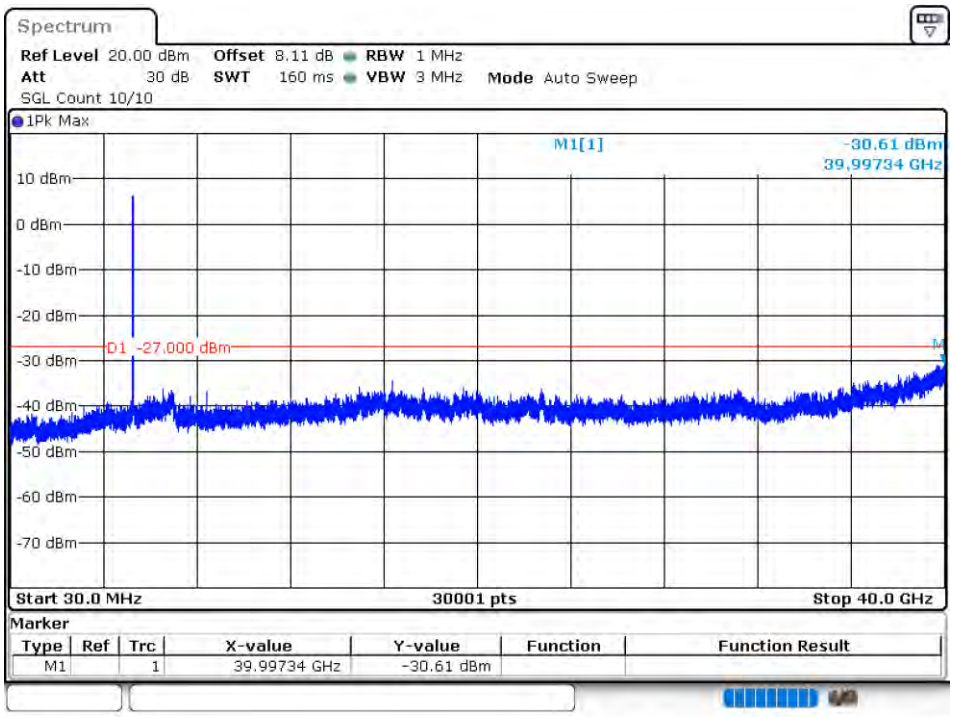
Tx. Spurious NVNT ac20 5320MHz Ant1 Emission



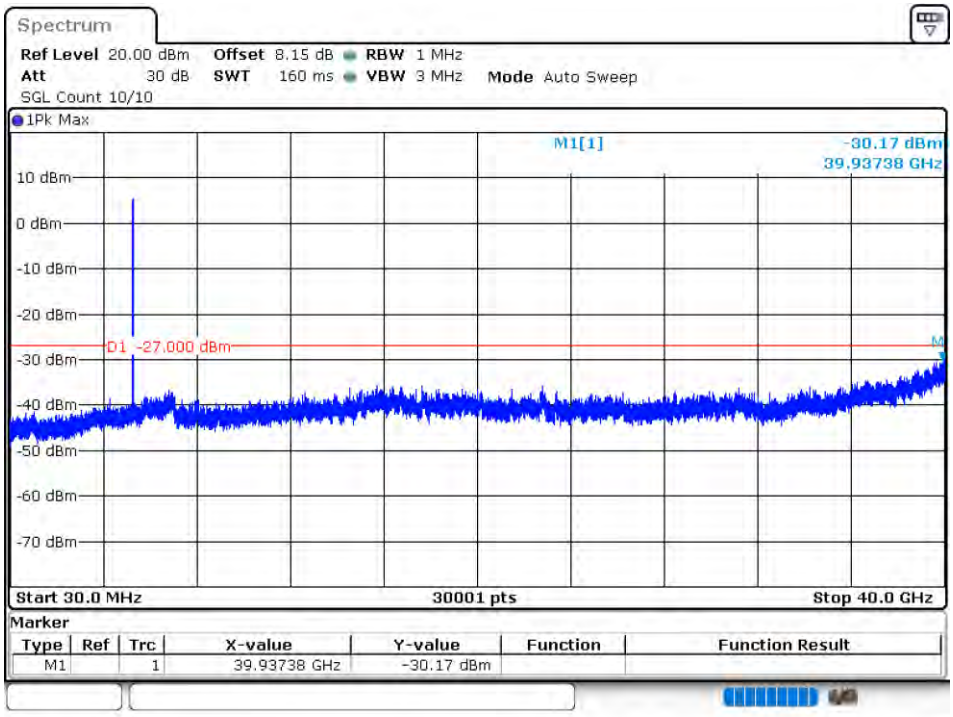
Tx. Spurious NVNT ac20 5320MHz Ant2 Emission



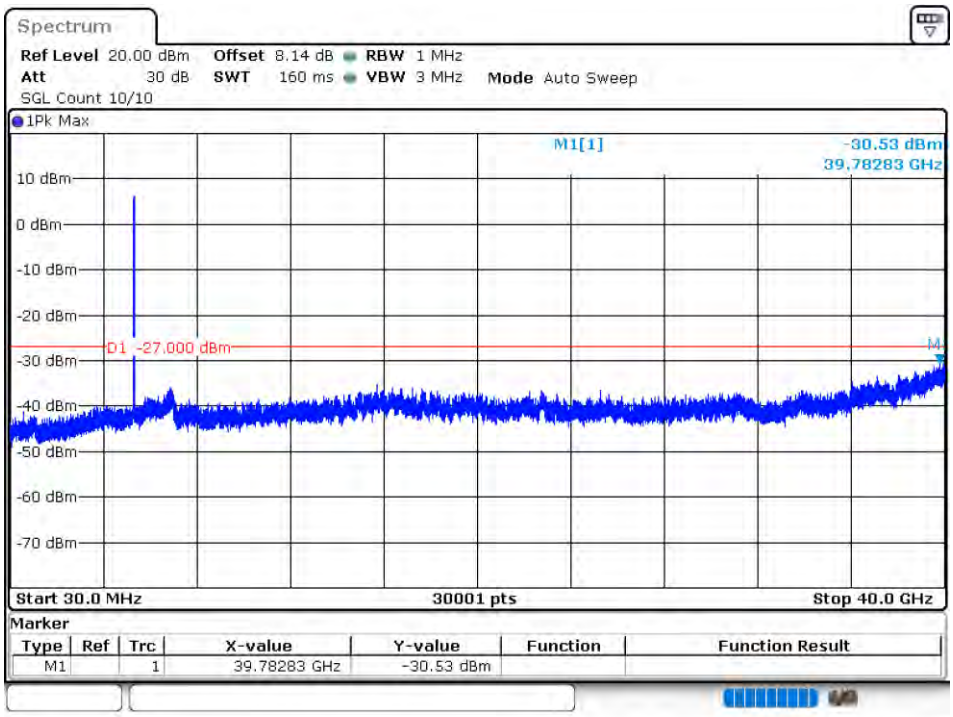
Tx. Spurious NVNT ac40 5270MHz Ant1 Emission



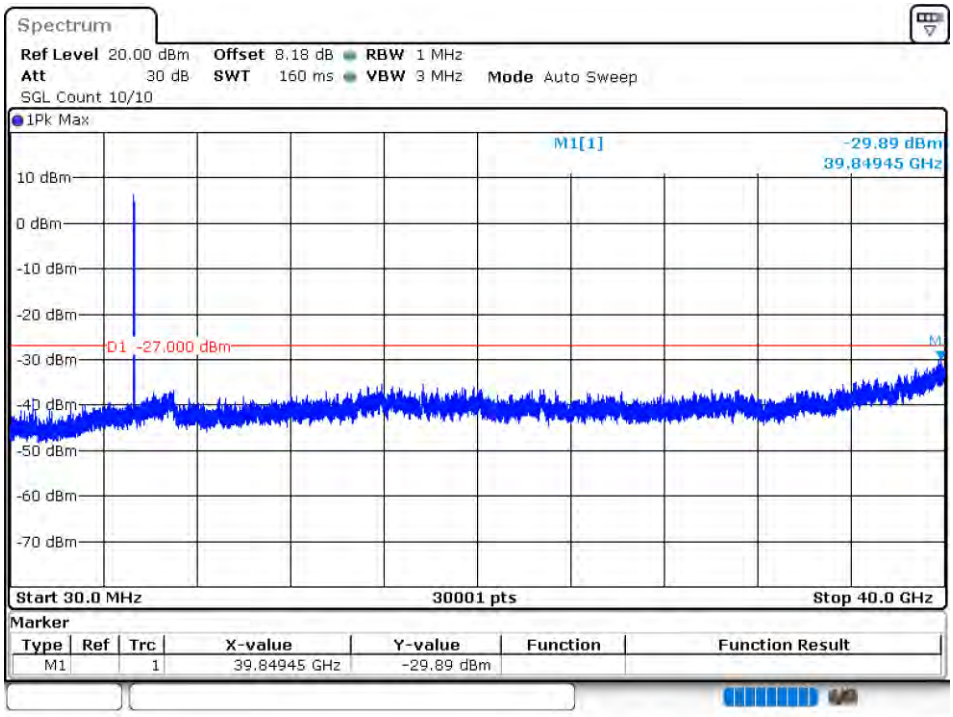
Tx. Spurious NVNT ac40 5270MHz Ant2 Emission



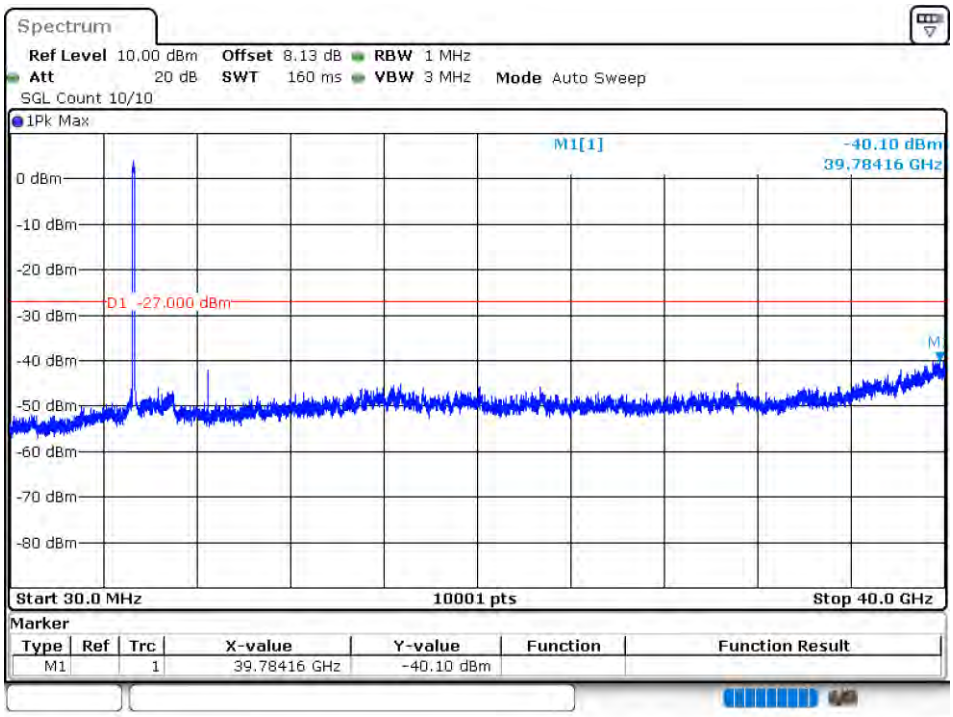
Tx. Spurious NVNT ac40 5310MHz Ant1 Emission



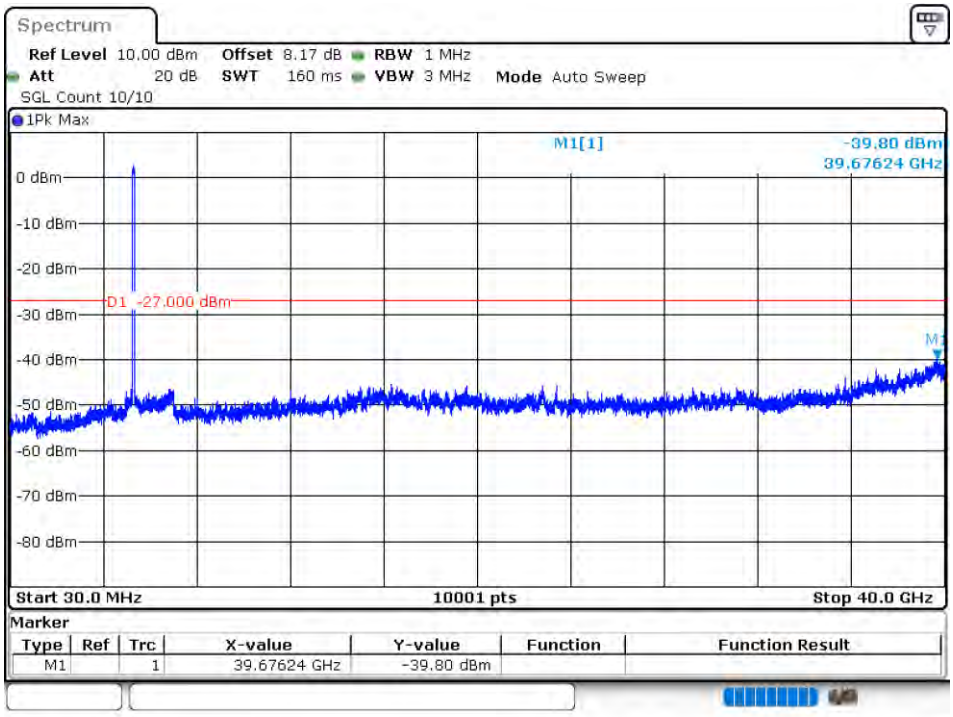
Tx. Spurious NVNT ac40 5310MHz Ant2 Emission



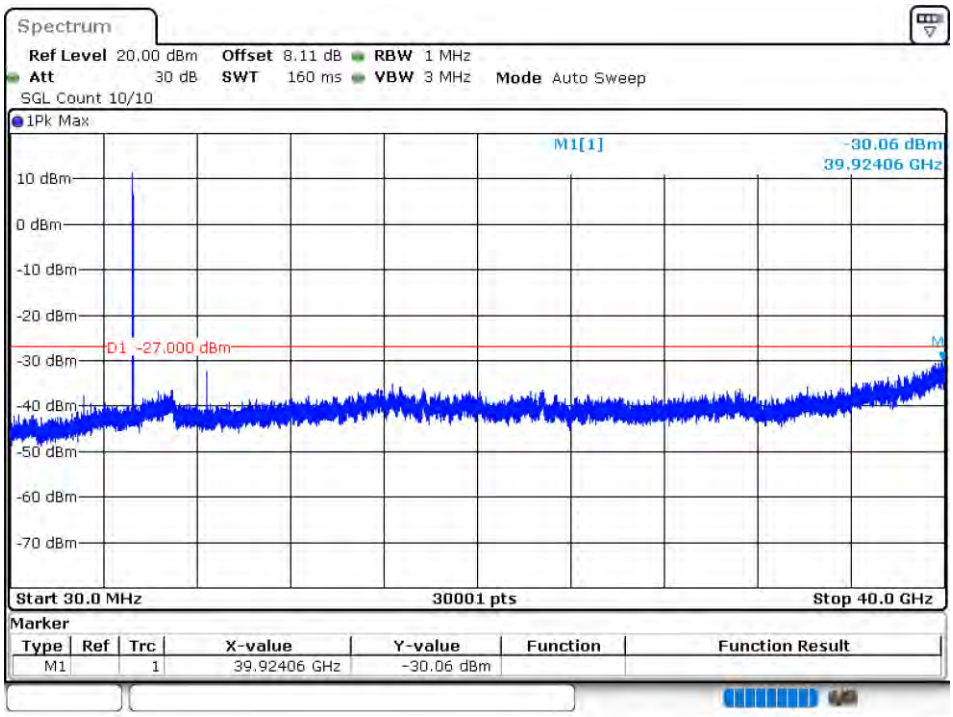
Tx. Spurious NVNT ac80 5290MHz Ant1 Emission



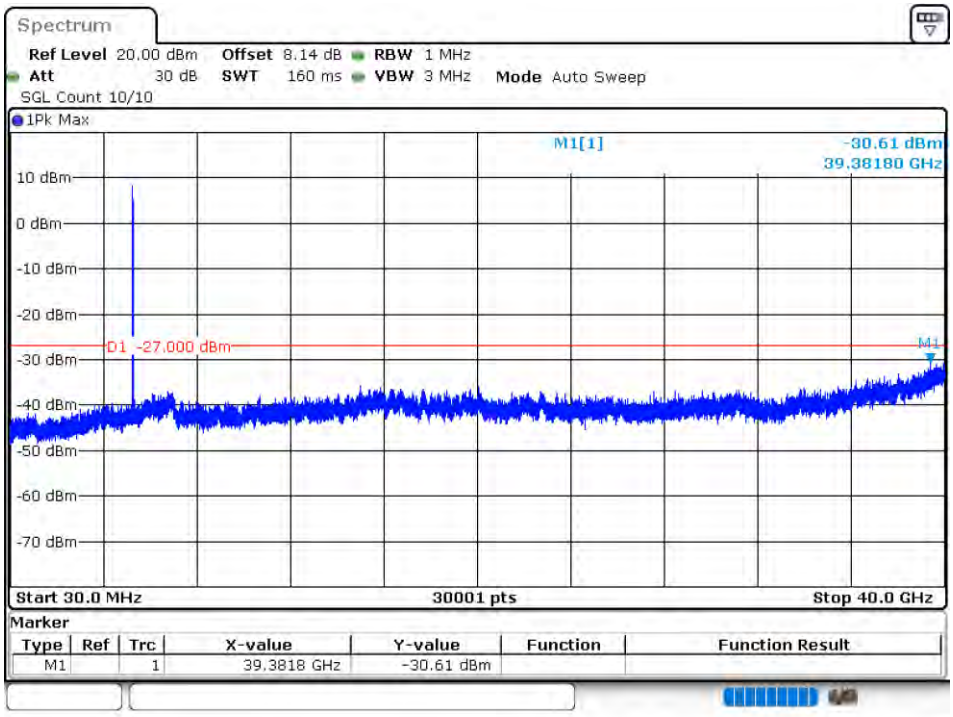
Tx. Spurious NVNT ac80 5290MHz Ant2 Emission



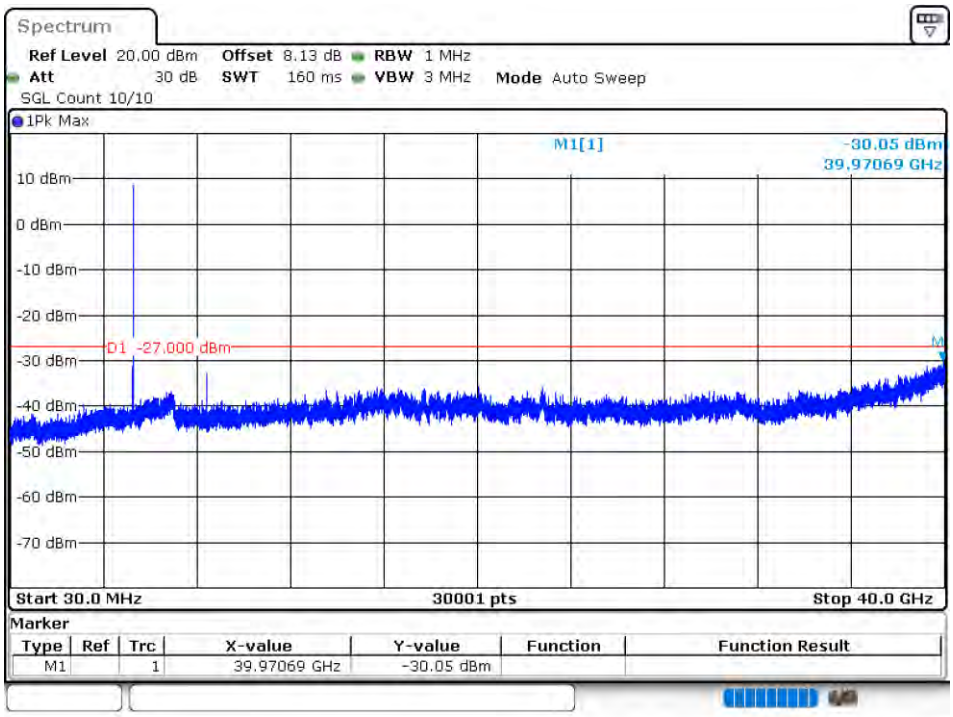
Tx. Spurious NVNT ax20 5260MHz Ant1 Emission



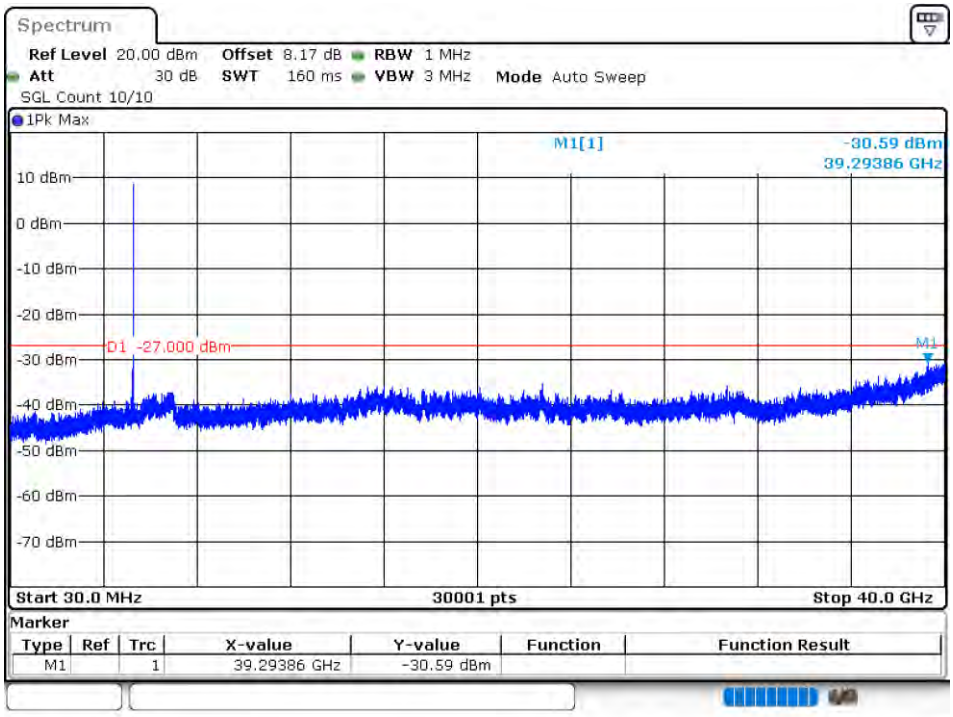
Tx. Spurious NVNT ax20 5260MHz Ant2 Emission



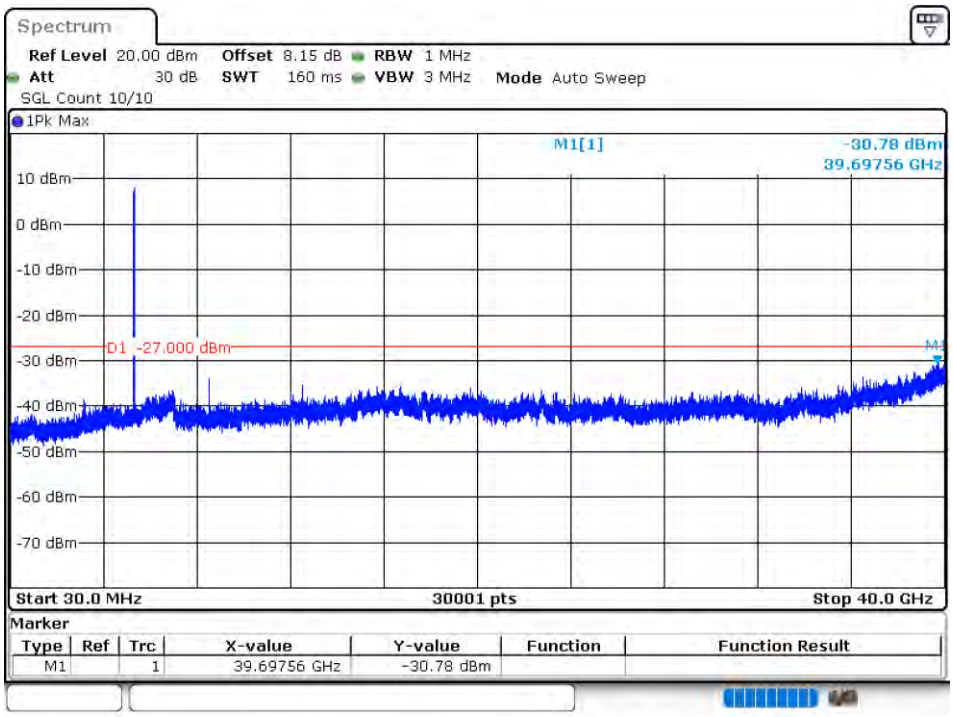
Tx. Spurious NVNT ax20 5280MHz Ant1 Emission



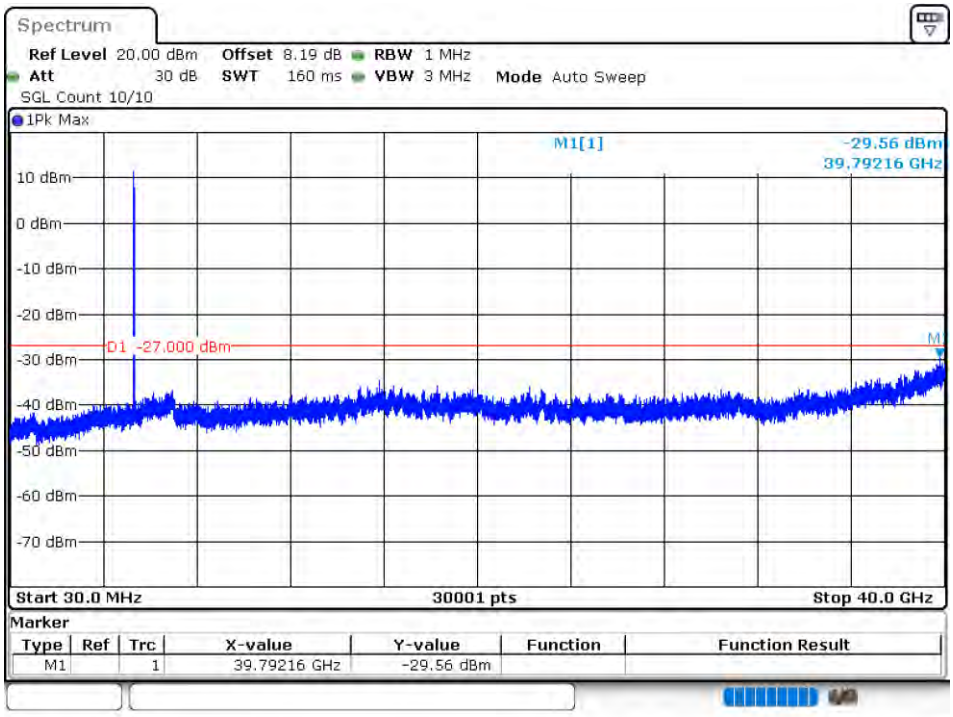
Tx. Spurious NVNT ax20 5280MHz Ant2 Emission



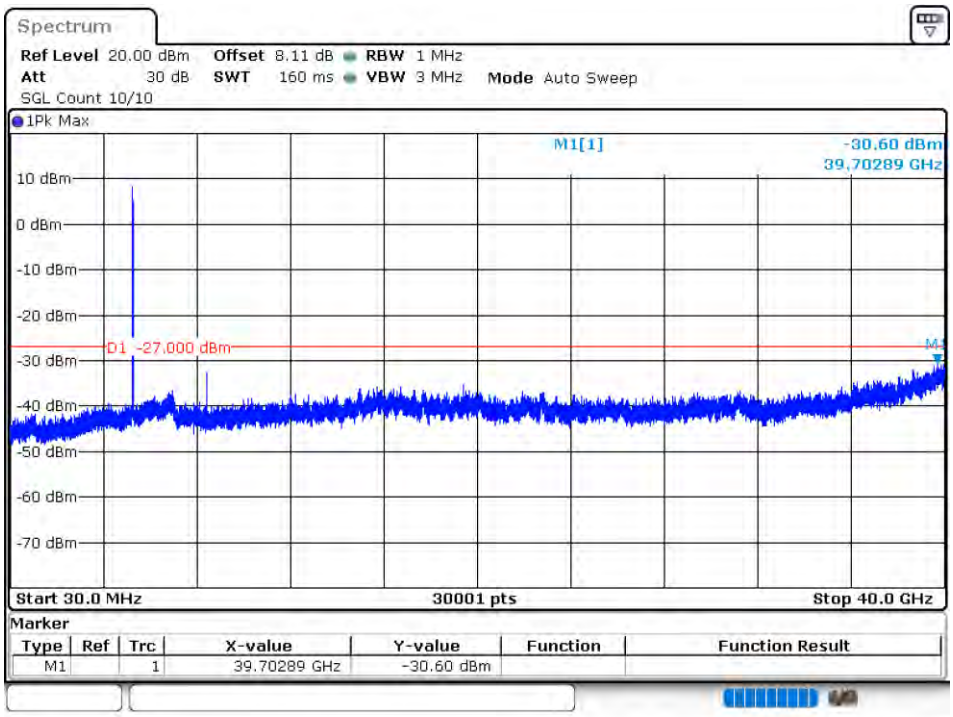
Tx. Spurious NVNT ax20 5320MHz Ant1 Emission



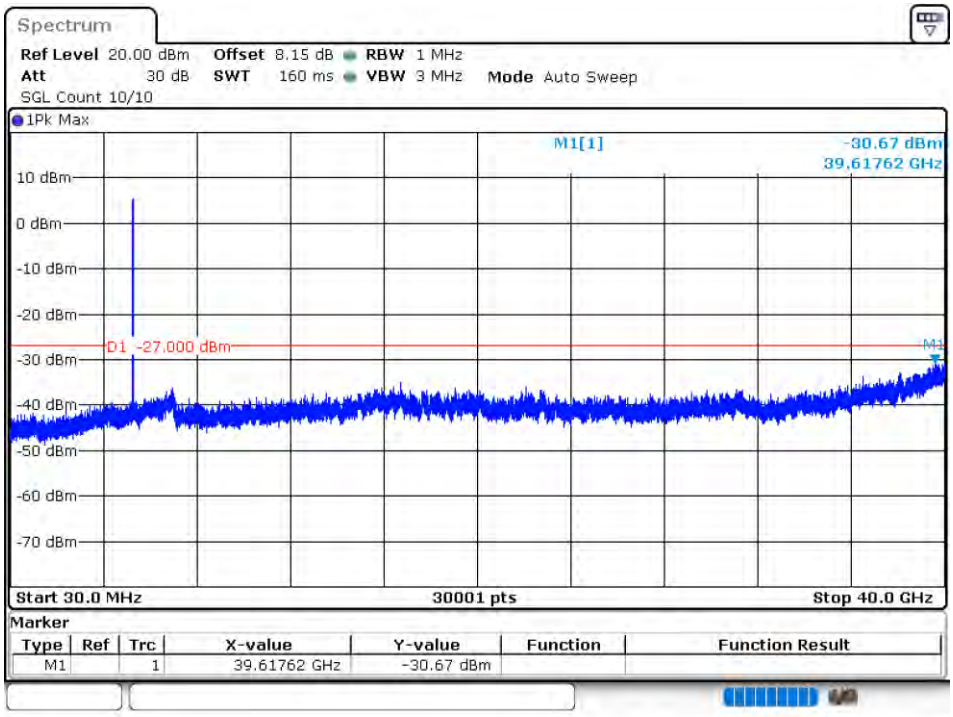
Tx. Spurious NVNT ax20 5320MHz Ant2 Emission



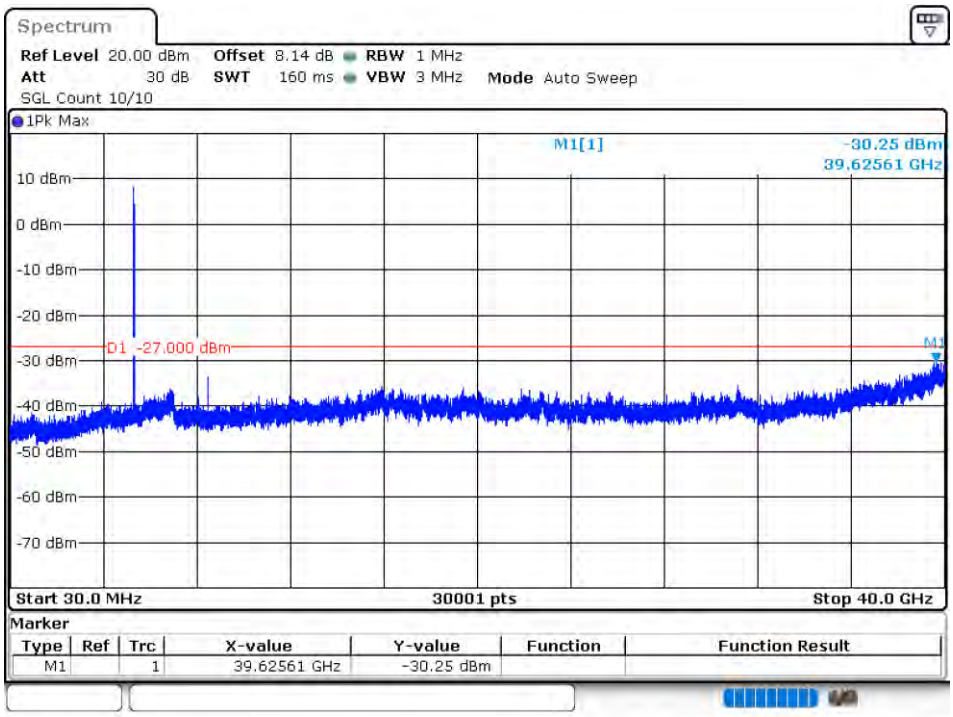
Tx. Spurious NVNT ax40 5270MHz Ant1 Emission



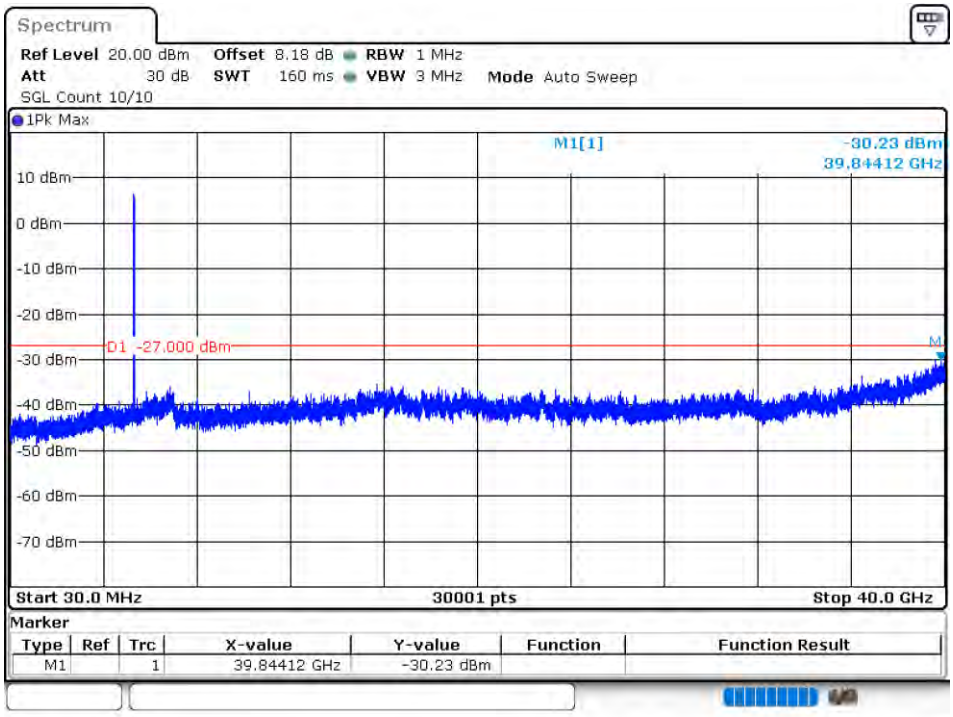
Tx. Spurious NVNT ax40 5270MHz Ant2 Emission



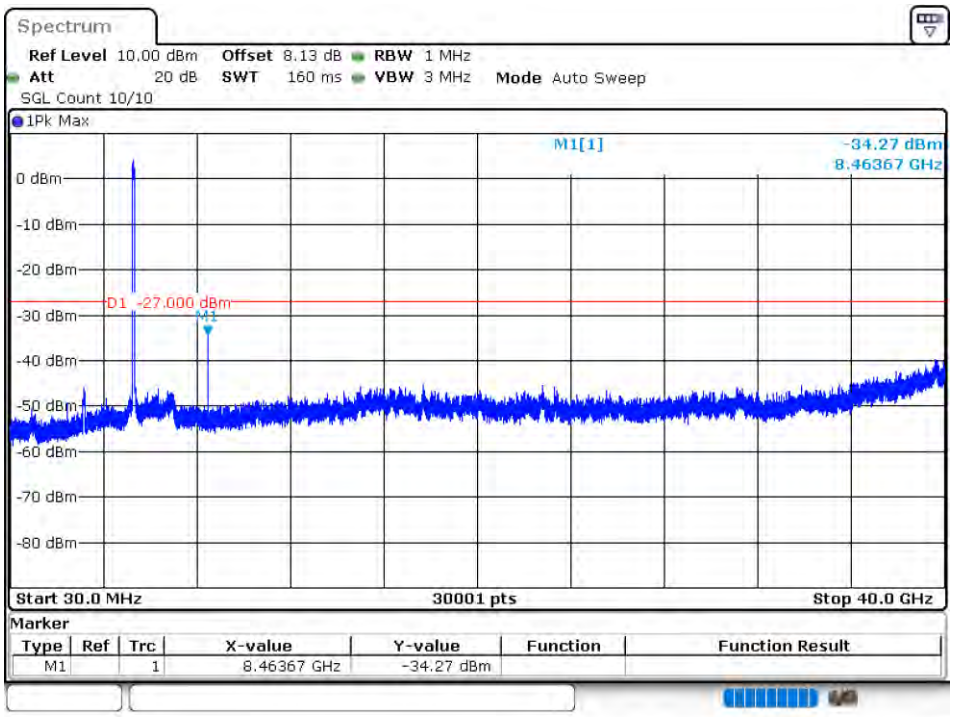
Tx. Spurious NVNT ax40 5310MHz Ant1 Emission



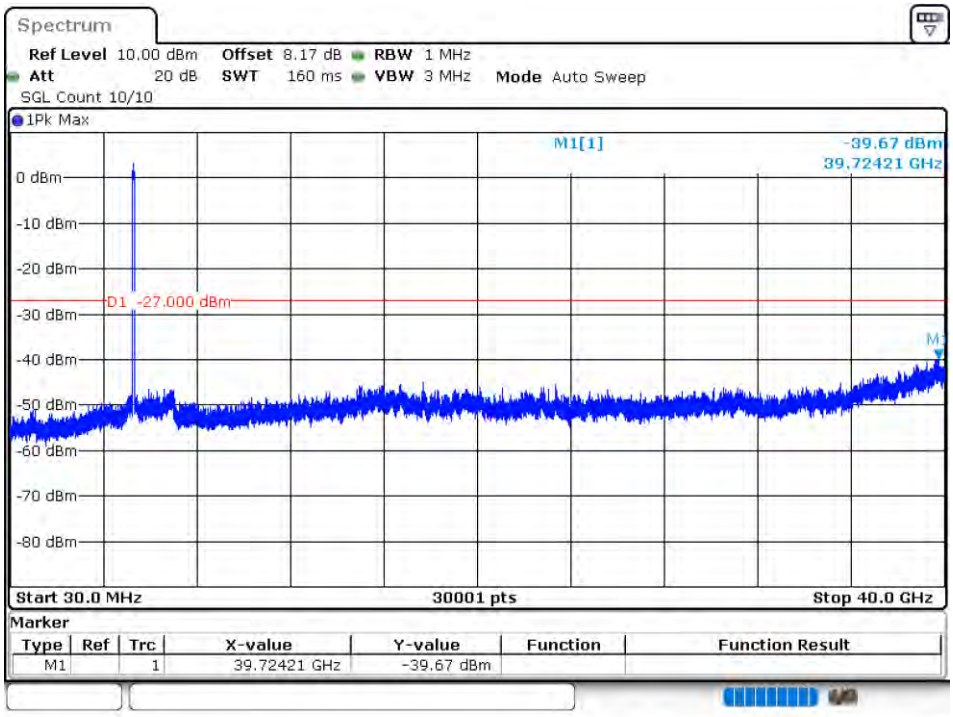
Tx. Spurious NVNT ax40 5310MHz Ant2 Emission



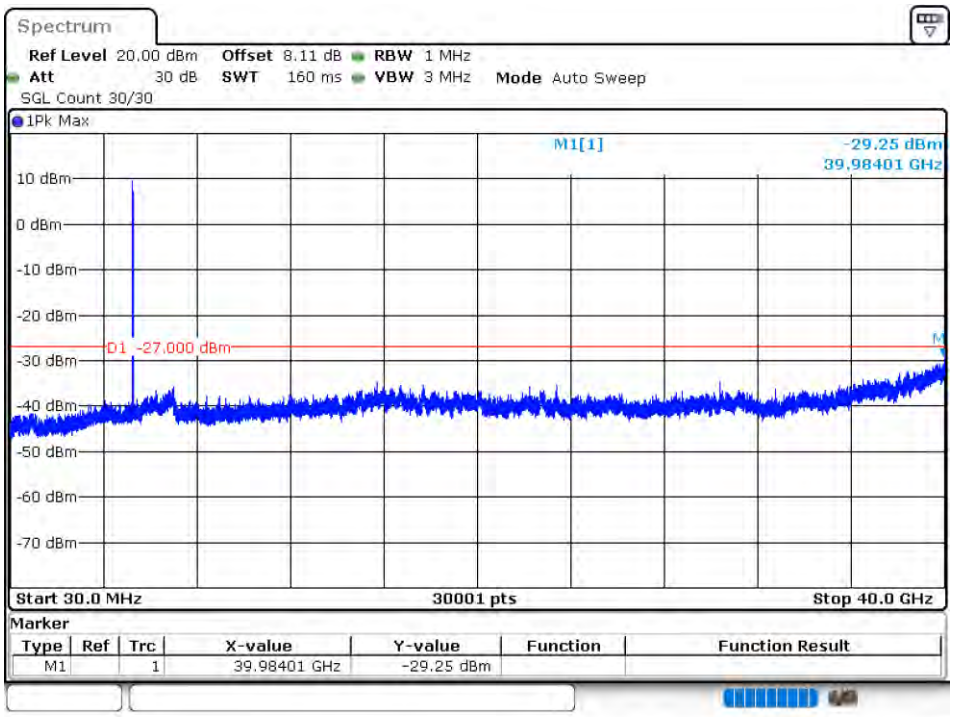
Tx. Spurious NVNT ax80 5290MHz Ant1 Emission



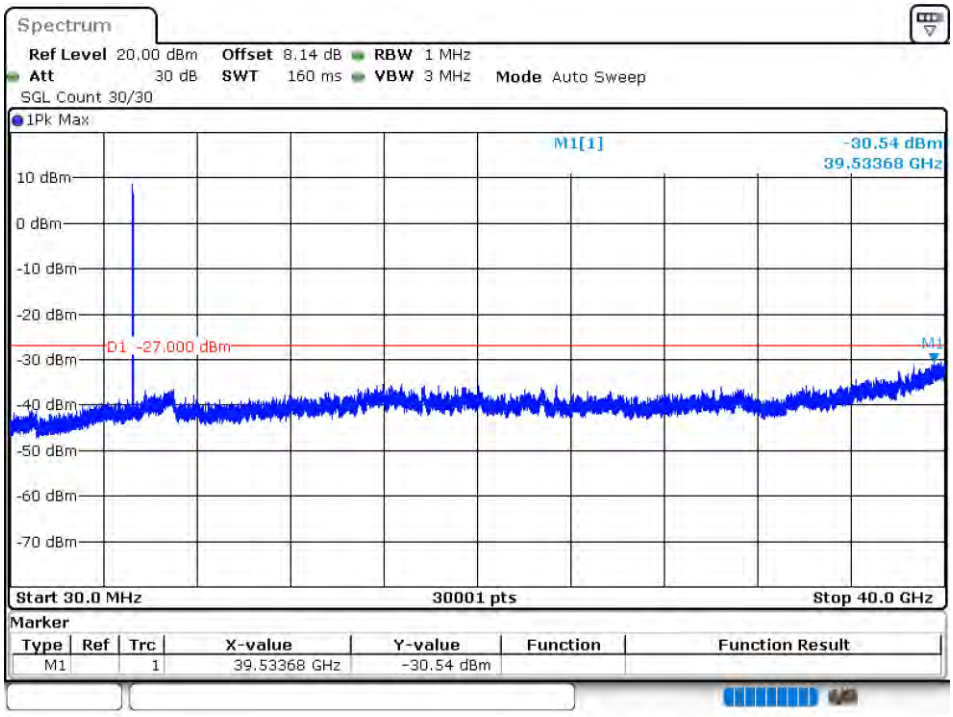
Tx. Spurious NVNT ax80 5290MHz Ant2 Emission



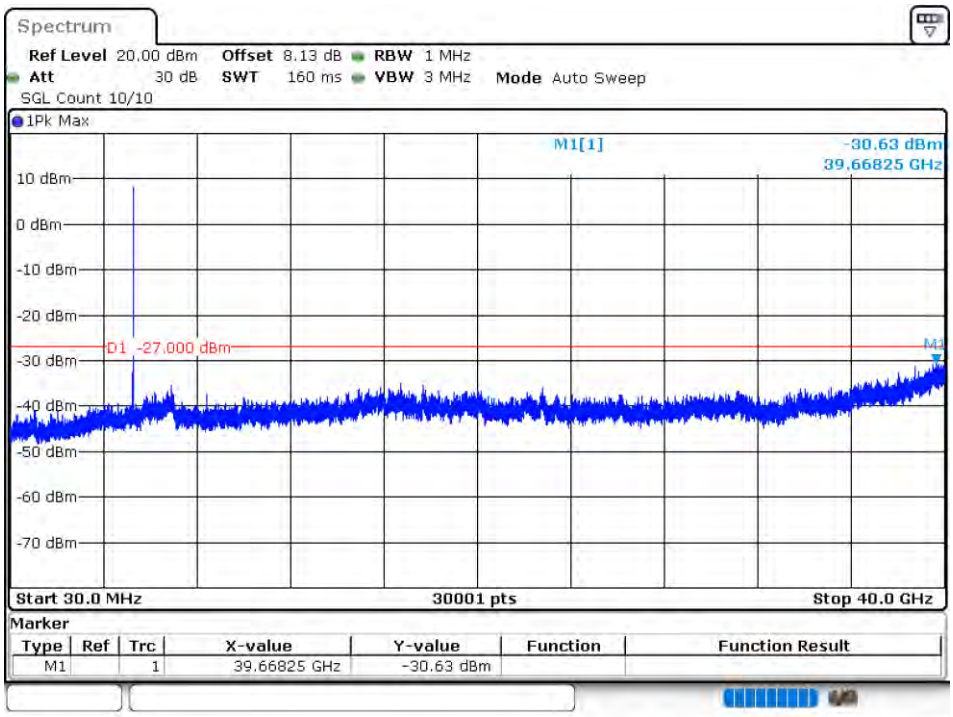
Tx. Spurious NVNT n20 5260MHz Ant1 Emission



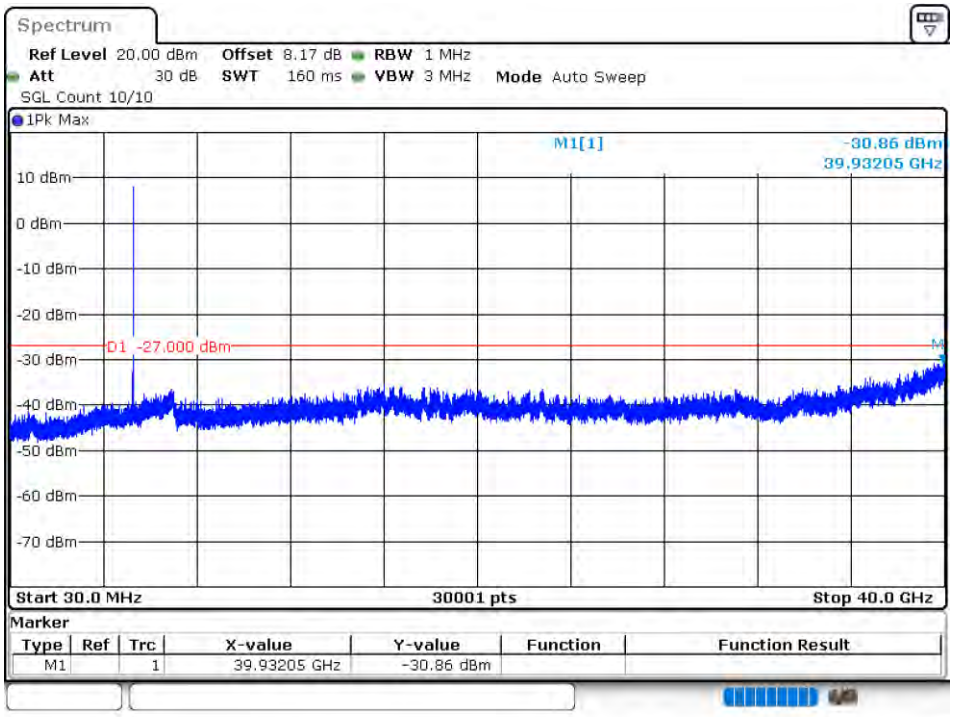
Tx. Spurious NVNT n20 5260MHz Ant2 Emission



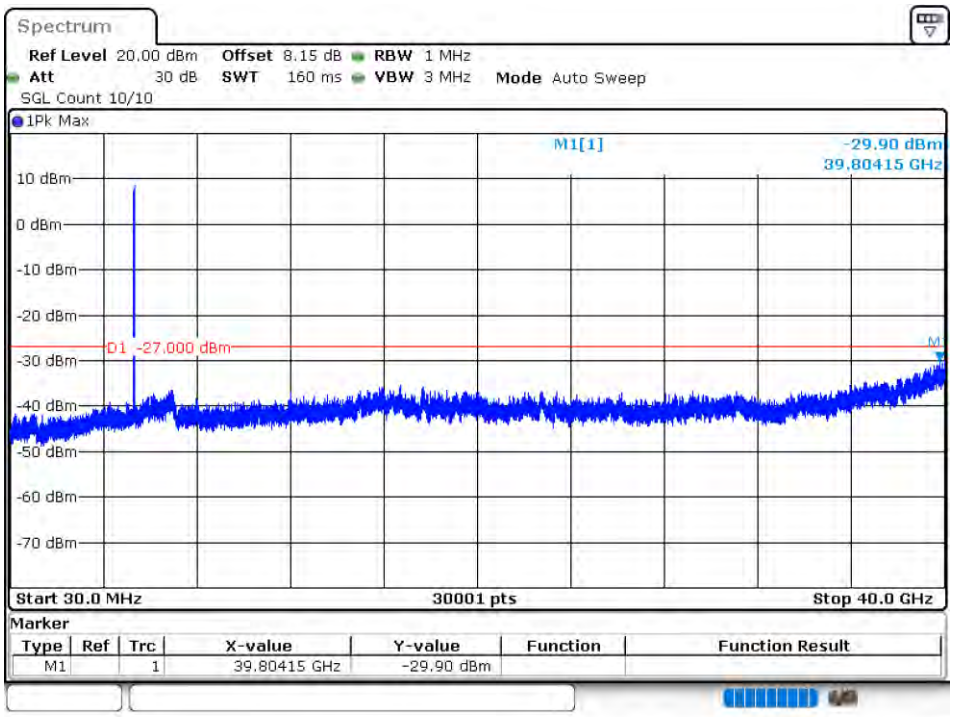
Tx. Spurious NVNT n20 5280MHz Ant1 Emission



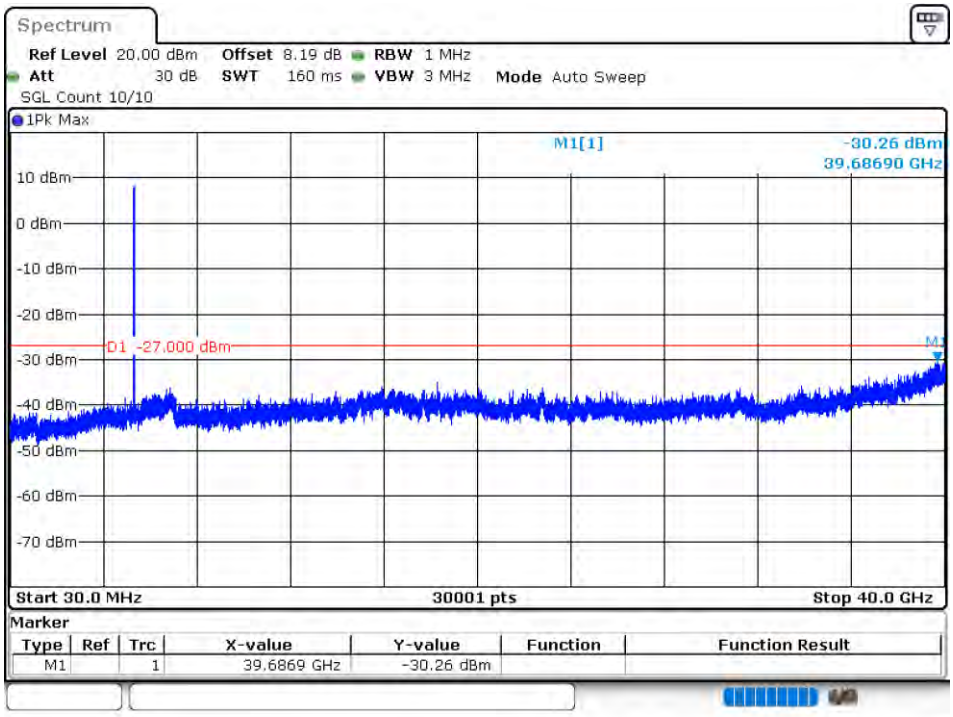
Tx. Spurious NVNT n20 5280MHz Ant2 Emission



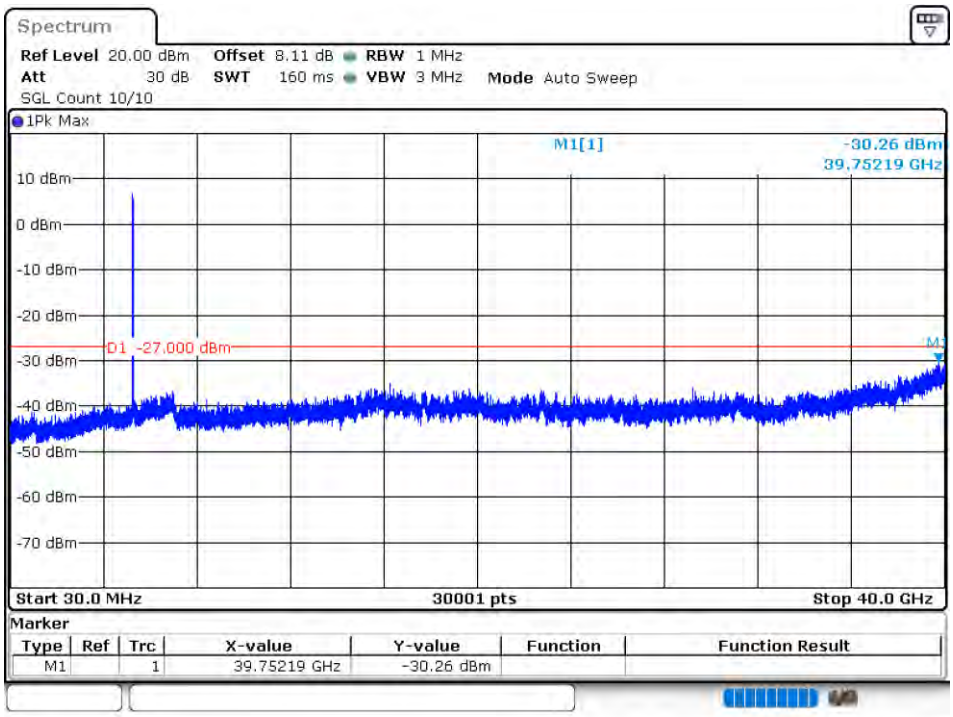
Tx. Spurious NVNT n20 5320MHz Ant1 Emission



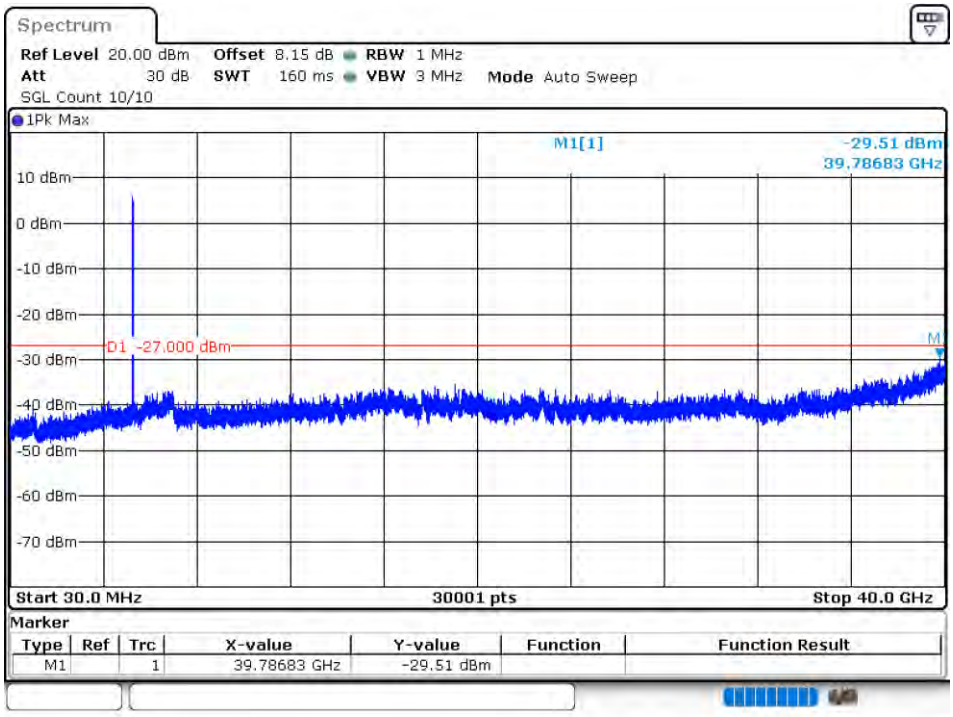
Tx. Spurious NVNT n20 5320MHz Ant2 Emission



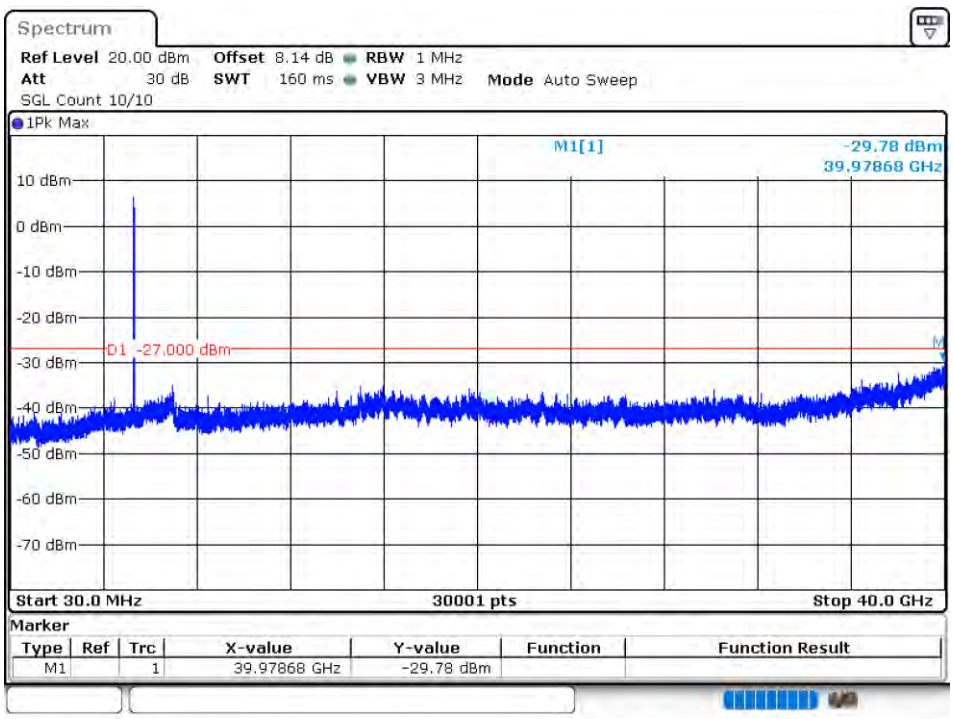
Tx. Spurious NVNT n40 5270MHz Ant1 Emission



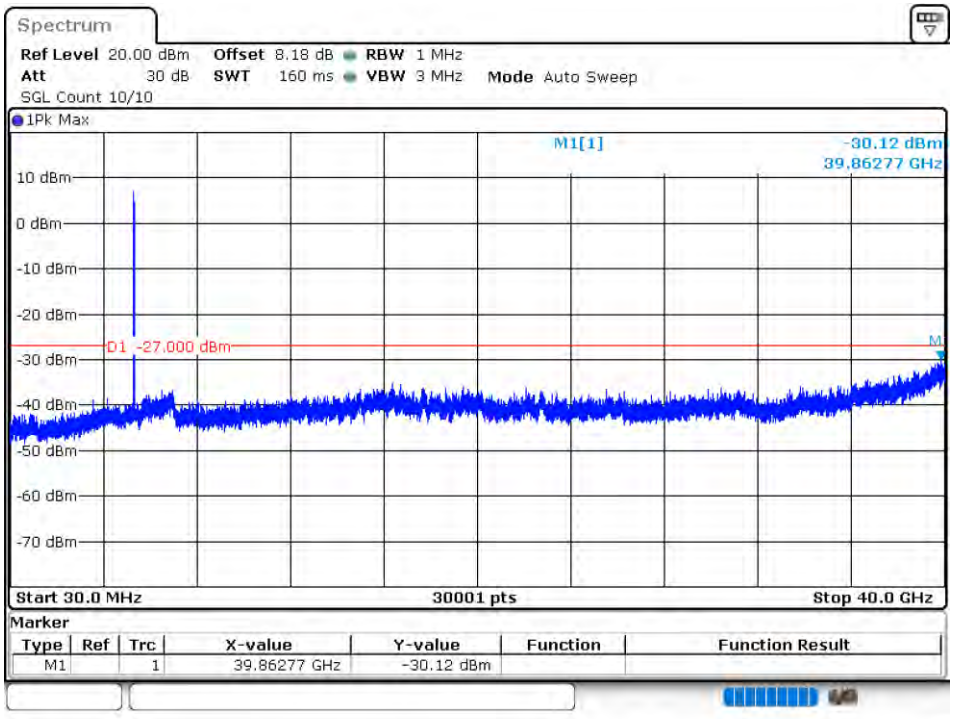
Tx. Spurious NVNT n40 5270MHz Ant2 Emission



Tx. Spurious NVNT n40 5310MHz Ant1 Emission



Tx. Spurious NVNT n40 5310MHz Ant2 Emission



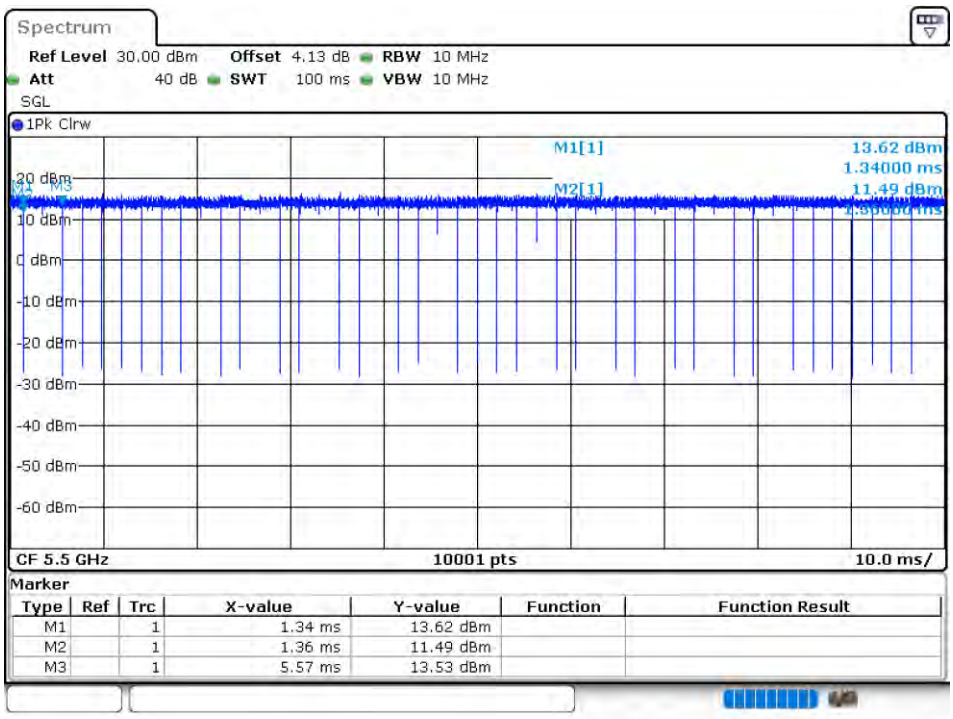
5.6G

Duty Cycle

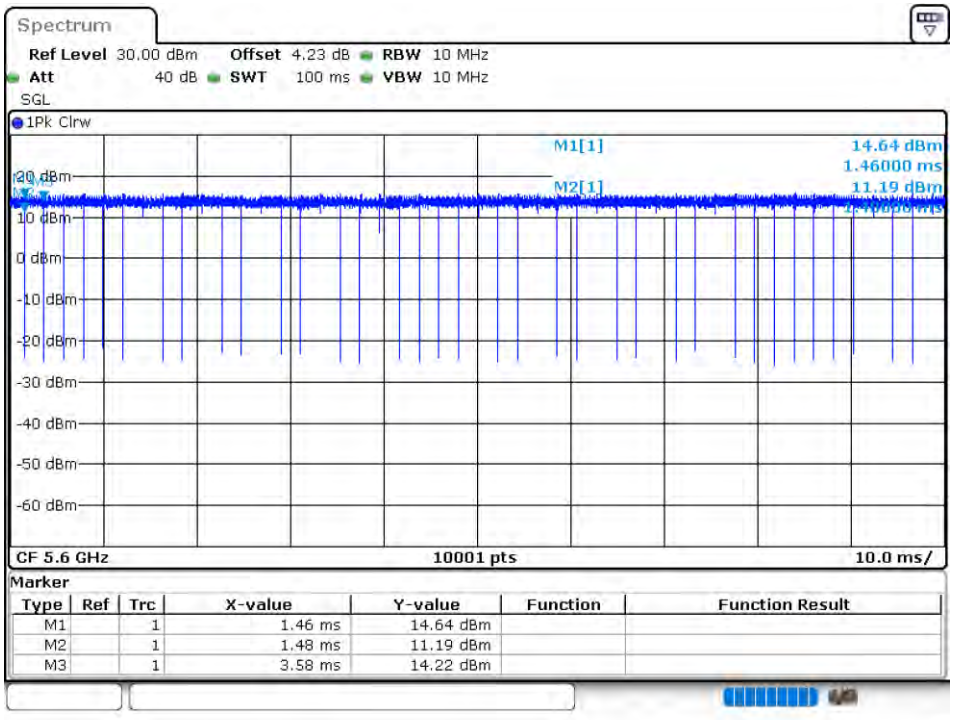
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	99.65	0.02	0.24
NVNT	a	5600	Ant1	99.65	0.02	0.48
NVNT	a	5700	Ant1	99.64	0.02	0.48
NVNT	a	5500	Ant2	99.64	0.02	0.48
NVNT	a	5600	Ant2	99.65	0.02	0.48
NVNT	a	5700	Ant2	99.65	0.02	0.48
NVNT	n20	5500	Ant1	99.85	0.01	0.19
NVNT	n20	5600	Ant1	99.85	0.01	0.19
NVNT	n20	5700	Ant1	99.86	0.01	0.09
NVNT	n20	5500	Ant2	99.85	0.01	0.19
NVNT	n20	5600	Ant2	99.85	0.01	0.19
NVNT	n20	5700	Ant2	99.87	0.01	0.19
NVNT	n40	5510	Ant1	99.87	0.01	0.06
NVNT	n40	5590	Ant1	99.89	0	0.18
NVNT	n40	5670	Ant1	99.87	0.01	0.18
NVNT	n40	5510	Ant2	99.87	0.01	0.18
NVNT	n40	5590	Ant2	99.86	0.01	0.18
NVNT	n40	5670	Ant2	99.88	0.01	0.18
NVNT	ac20	5500	Ant1	99.87	0.01	0.19
NVNT	ac20	5600	Ant1	99.88	0.01	0.19
NVNT	ac20	5700	Ant1	99.86	0.01	0.19
NVNT	ac20	5500	Ant2	99.88	0.01	0.19
NVNT	ac20	5600	Ant2	99.87	0.01	0.19
NVNT	ac20	5700	Ant2	99.88	0.01	0.19
NVNT	ac40	5510	Ant1	99.88	0.01	0.18
NVNT	ac40	5590	Ant1	99.87	0.01	0.18
NVNT	ac40	5670	Ant1	99.87	0.01	0.18
NVNT	ac40	5510	Ant2	99.88	0.01	0.18
NVNT	ac40	5590	Ant2	99.86	0.01	0.18
NVNT	ac40	5670	Ant2	99.87	0.01	0.18
NVNT	ac80	5530	Ant1	99.87	0.01	0.19
NVNT	ac80	5610	Ant1	99.89	0	0.19
NVNT	ac80	5530	Ant2	99.87	0.01	0.19
NVNT	ac80	5610	Ant2	99.89	0	0.06
NVNT	ac160	5570	Ant1	99.88	0.01	0.19
NVNT	ac160	5570	Ant2	99.88	0.01	0.06
NVNT	ax160	5570	Ant1	99.85	0.01	0.05

NVNT	ax160	5570	Ant2	99.86	0.01	0.23
NVNT	ax20	5500	Ant1	99.9	0	0.19
NVNT	ax20	5600	Ant1	99.88	0.01	0.19
NVNT	ax20	5700	Ant1	99.9	0	0.19
NVNT	ax20	5500	Ant2	99.85	0.01	0.09
NVNT	ax20	5600	Ant2	99.83	0.01	0.19
NVNT	ax20	5700	Ant2	99.86	0.01	0.09
NVNT	ax40	5510	Ant1	99.87	0.01	0.19
NVNT	ax40	5590	Ant1	99.87	0.01	0.19
NVNT	ax40	5670	Ant1	99.88	0.01	0.19
NVNT	ax40	5510	Ant2	99.87	0.01	0.19
NVNT	ax40	5590	Ant2	99.88	0.01	0.19
NVNT	ax40	5670	Ant2	99.88	0.01	0.19
NVNT	ax80	5530	Ant1	99.89	0	0.19
NVNT	ax80	5610	Ant1	99.92	0	0.02
NVNT	ax80	5530	Ant2	99.9	0	0.19
NVNT	ax80	5610	Ant2	99.93	0	0.19

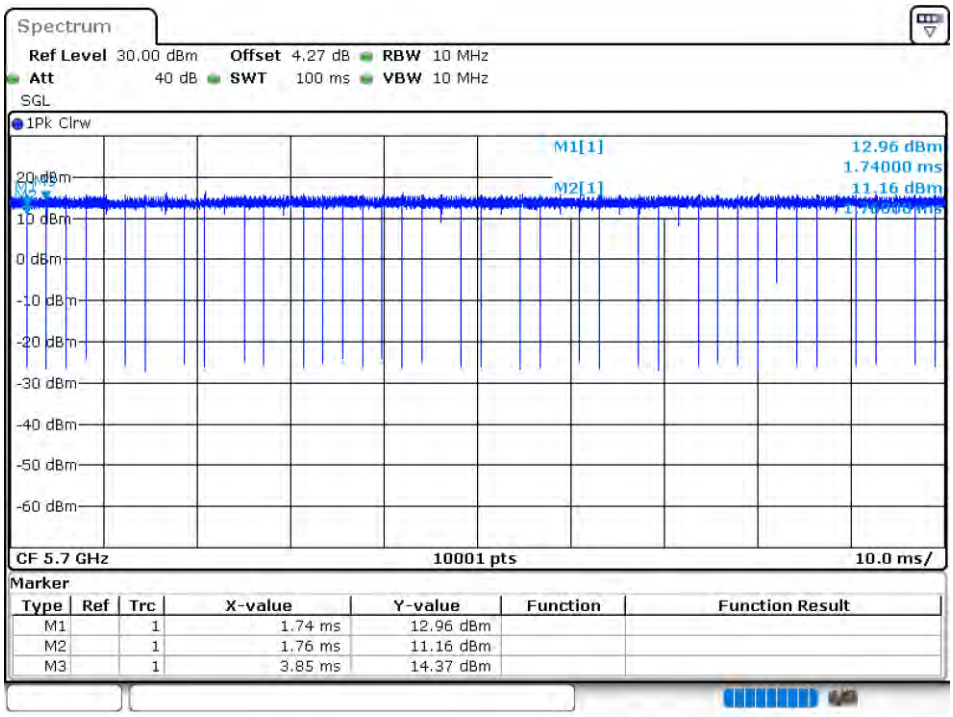
Test Graphs
Duty Cycle NVNT a 5500MHz Ant1



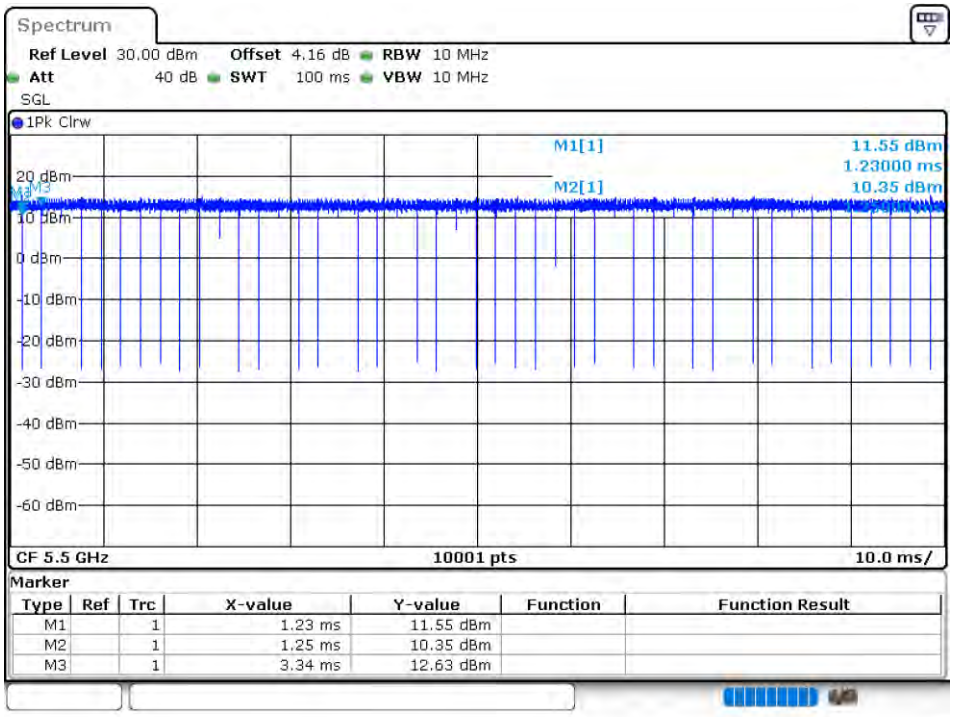
Duty Cycle NVNT a 5600MHz Ant1



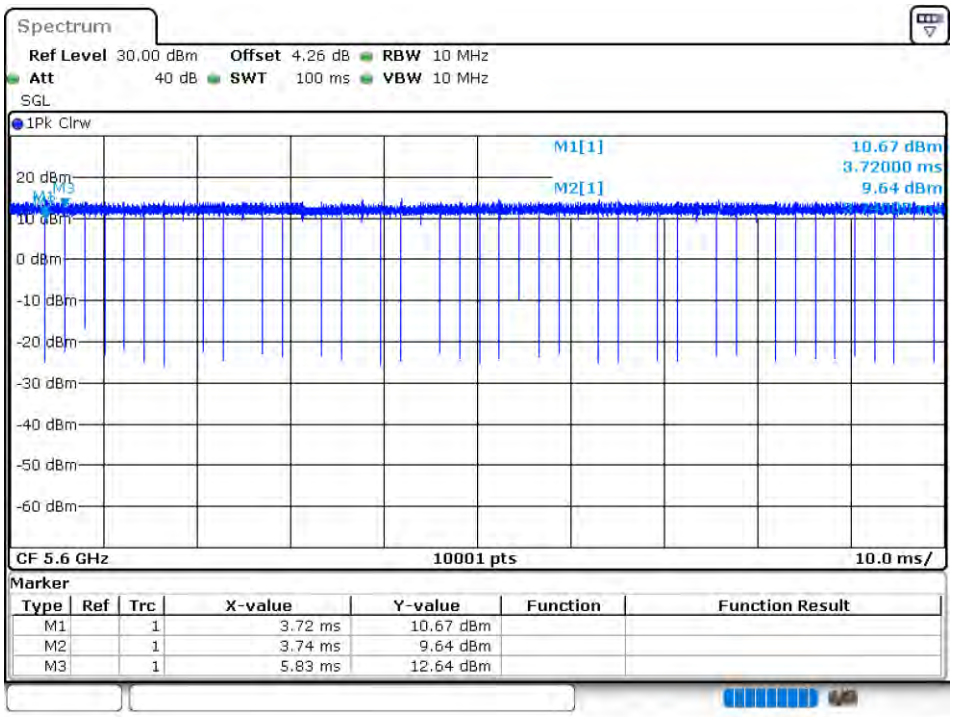
Duty Cycle NVNT a 5700MHz Ant1



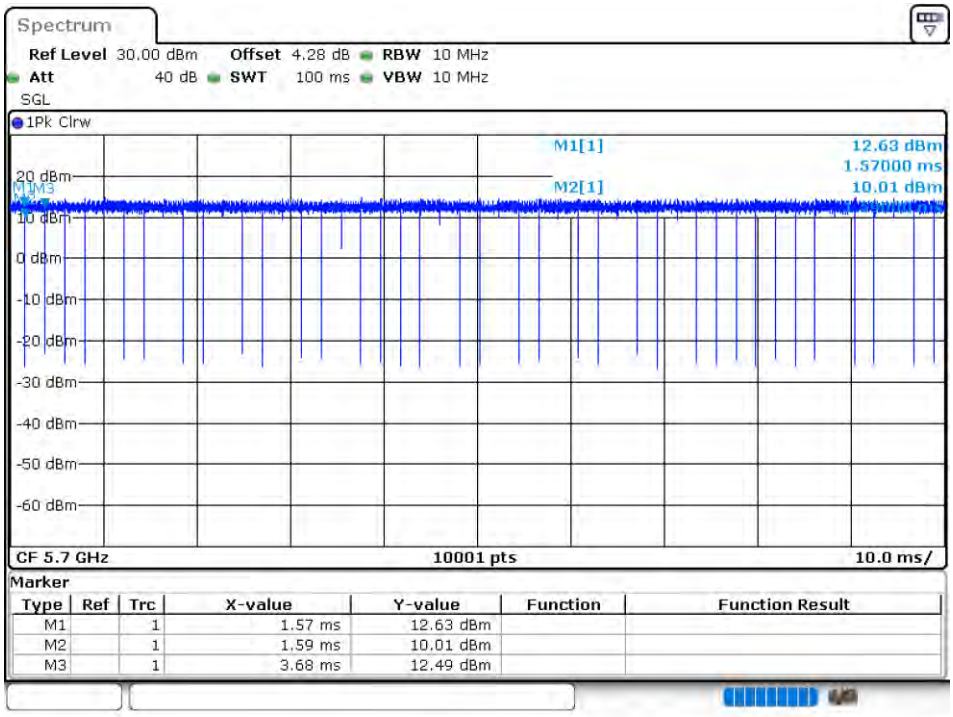
Duty Cycle NVNT a 5500MHz Ant2



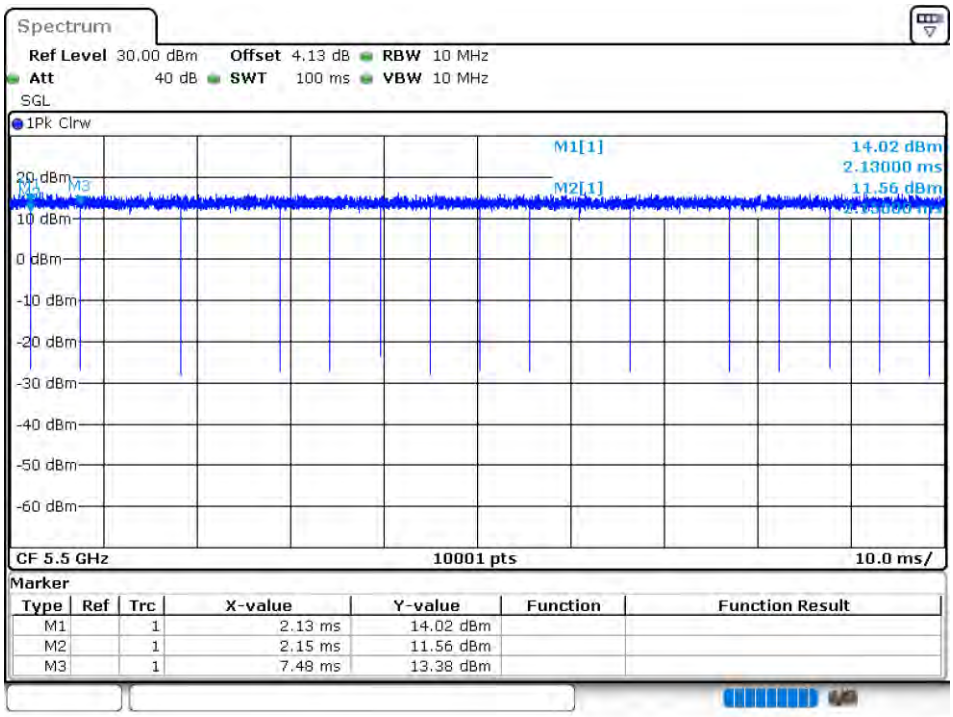
Duty Cycle NVNT a 5600MHz Ant2



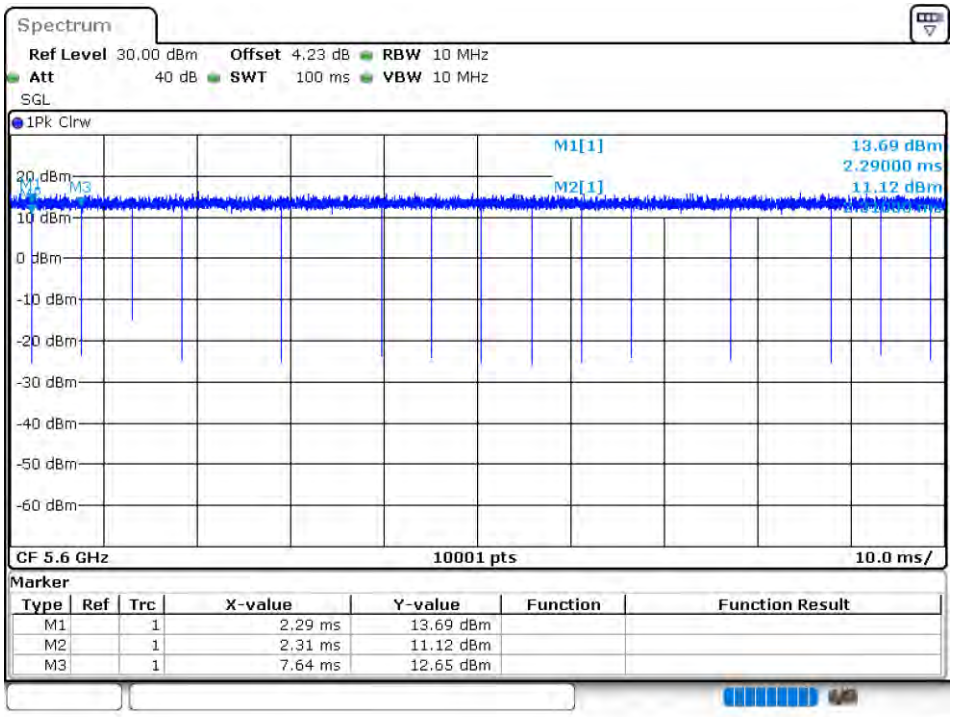
Duty Cycle NVNT a 5700MHz Ant2



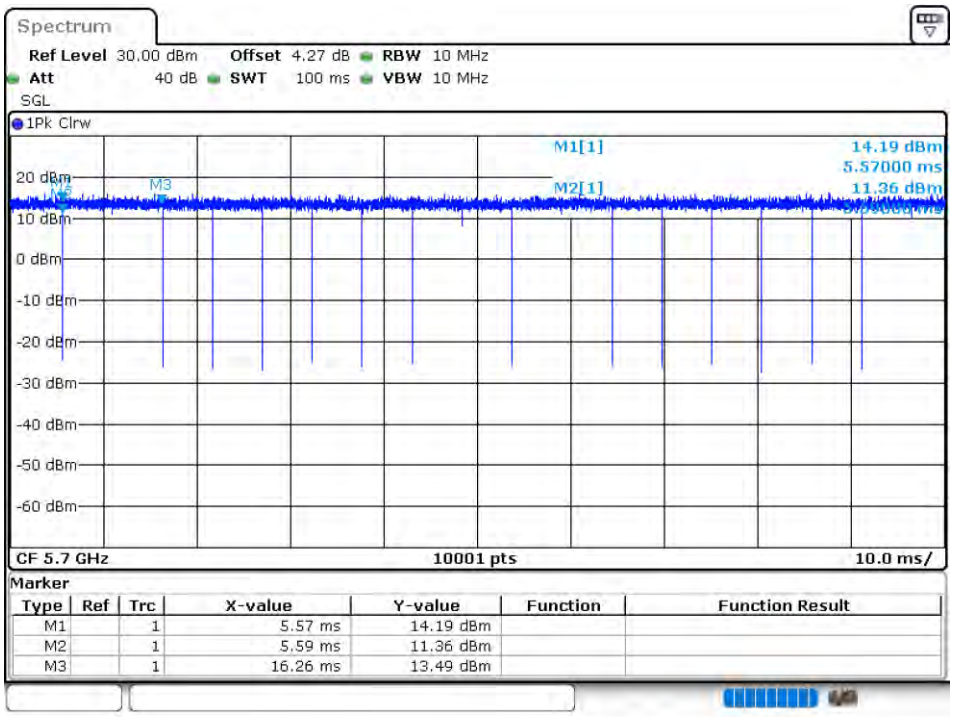
Duty Cycle NVNT n20 5500MHz Ant1



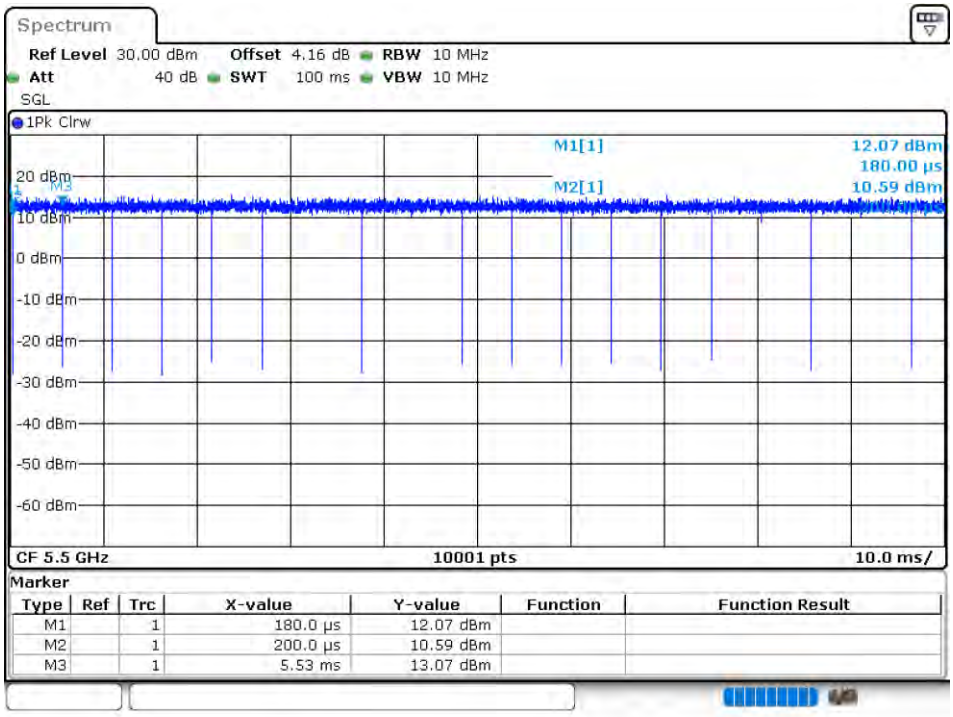
Duty Cycle NVNT n20 5600MHz Ant1



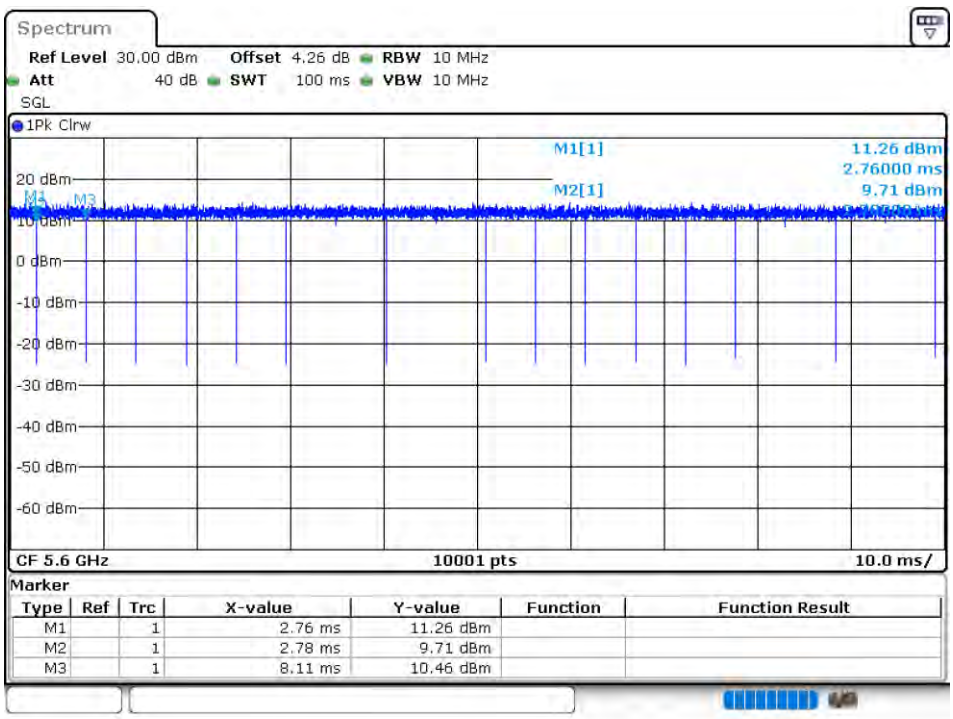
Duty Cycle NVNT n20 5700MHz Ant1



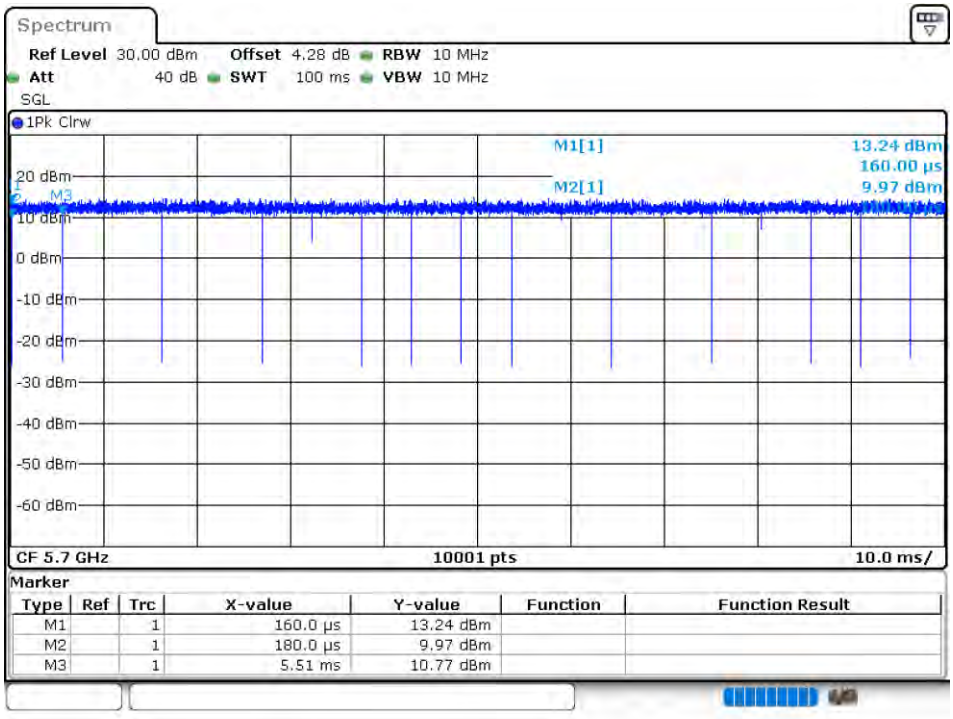
Duty Cycle NVNT n20 5500MHz Ant2



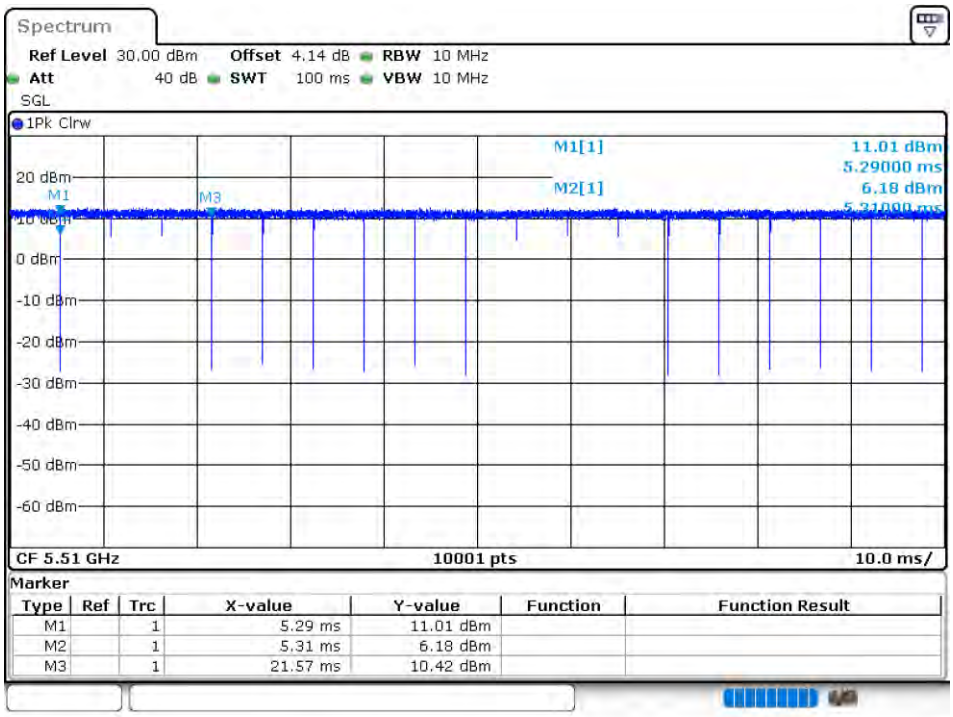
Duty Cycle NVNT n20 5600MHz Ant2



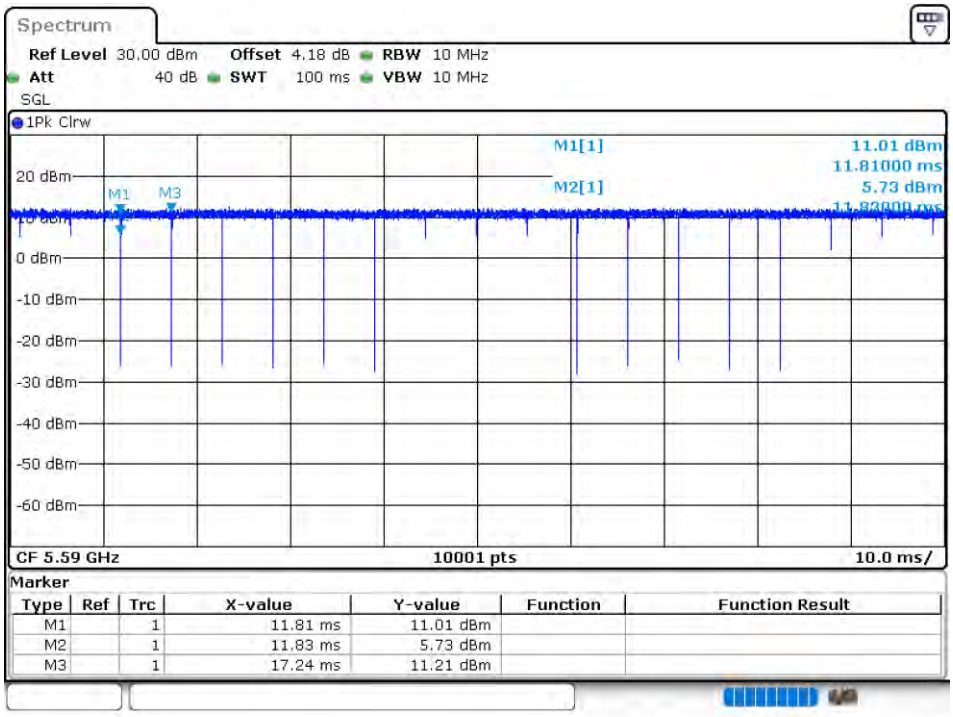
Duty Cycle NVNT n20 5700MHz Ant2



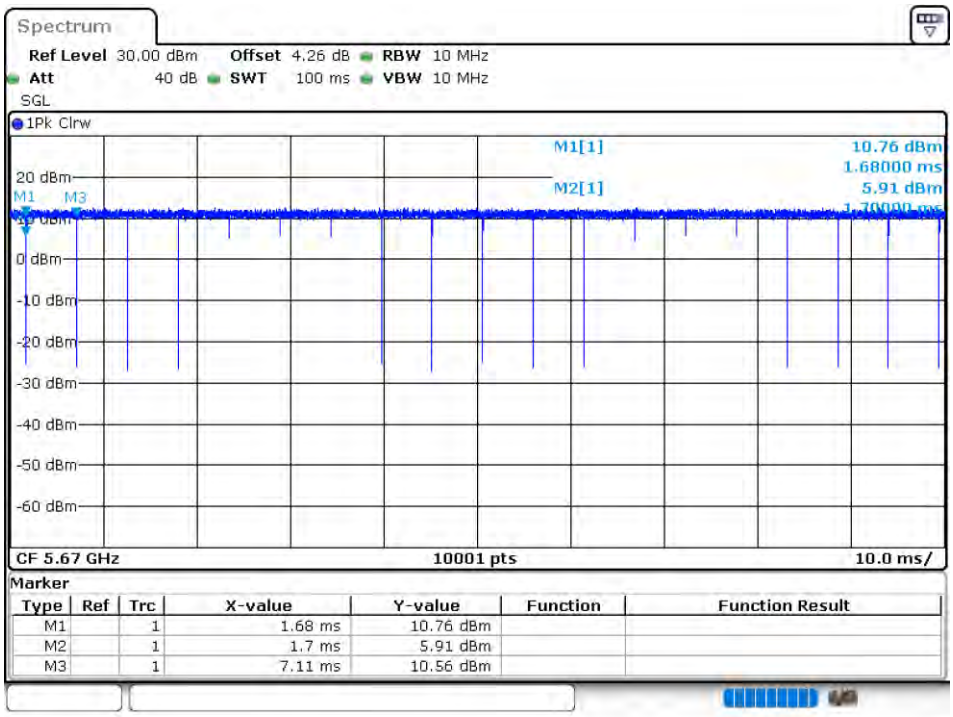
Duty Cycle NVNT n40 5510MHz Ant1



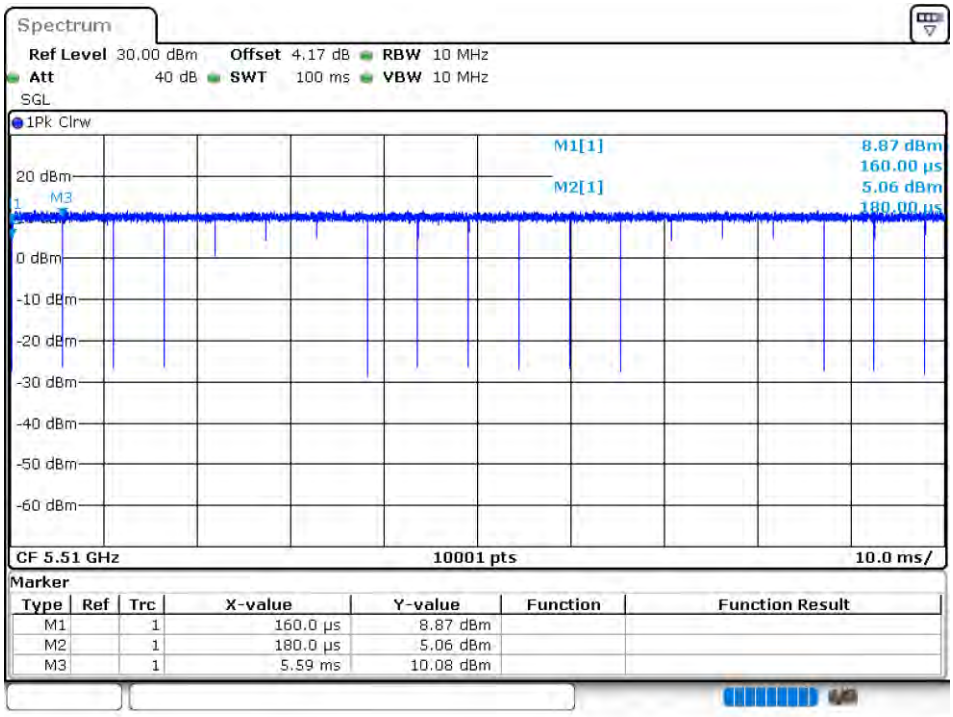
Duty Cycle NVNT n40 5590MHz Ant1



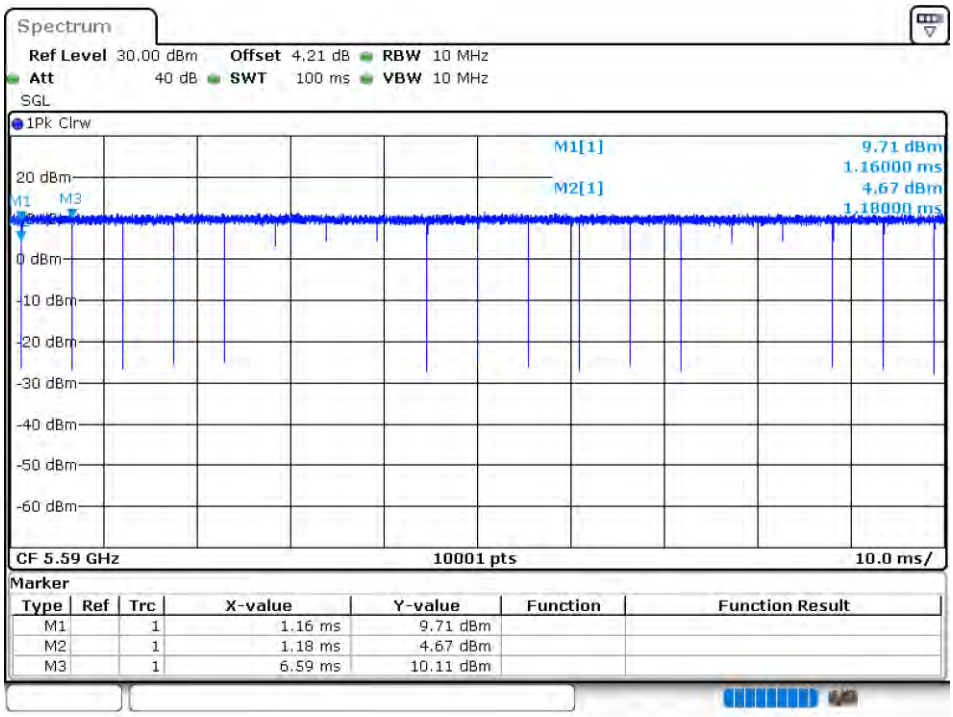
Duty Cycle NVNT n40 5670MHz Ant1



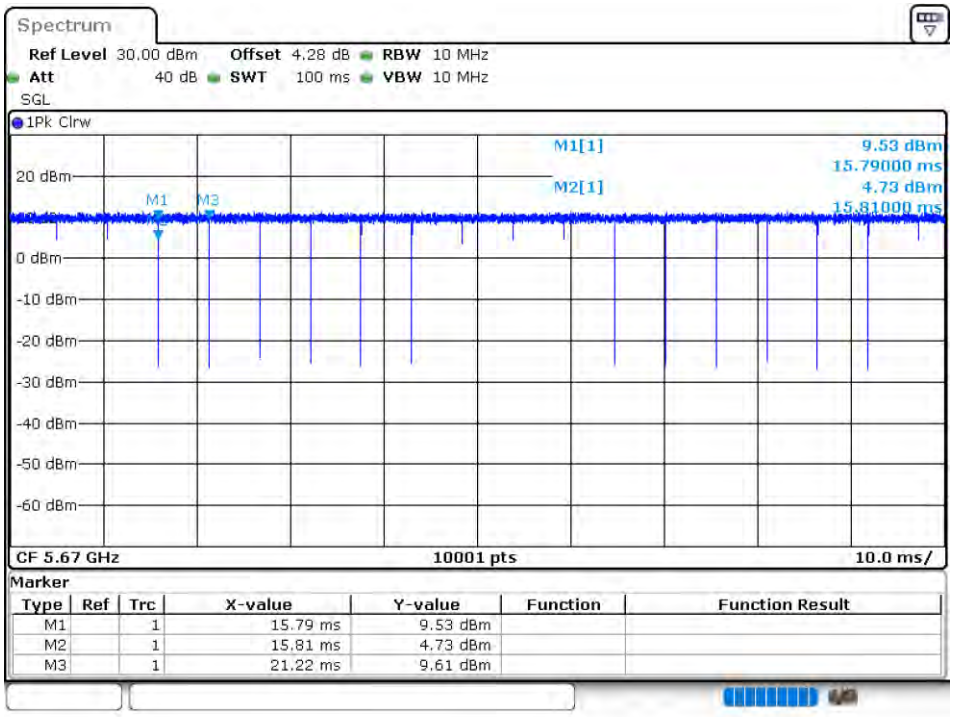
Duty Cycle NVNT n40 5510MHz Ant2



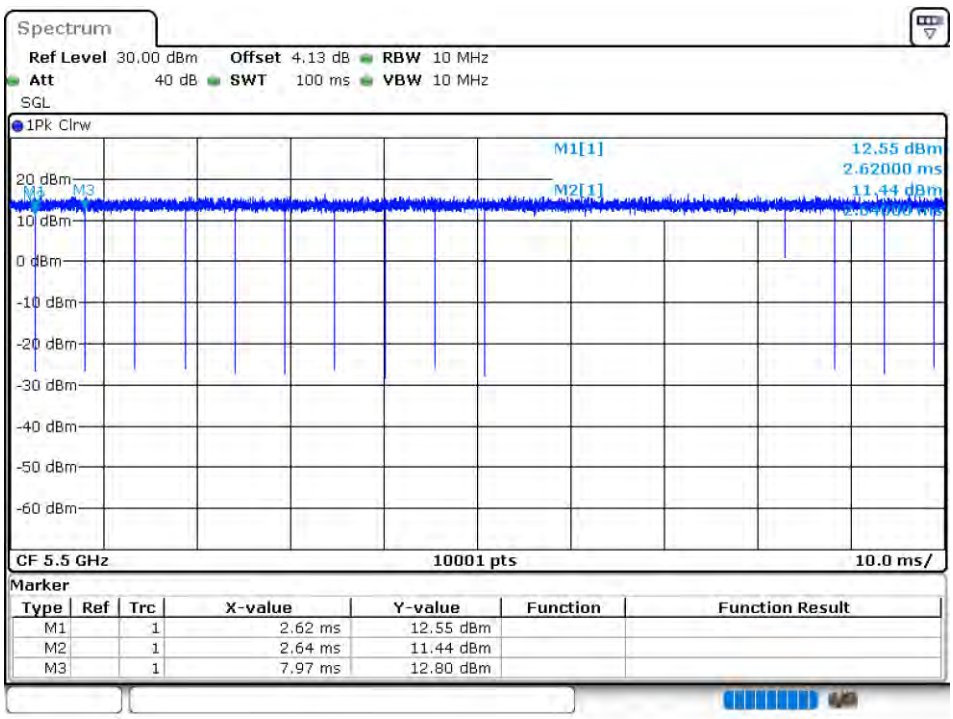
Duty Cycle NVNT n40 5590MHz Ant2



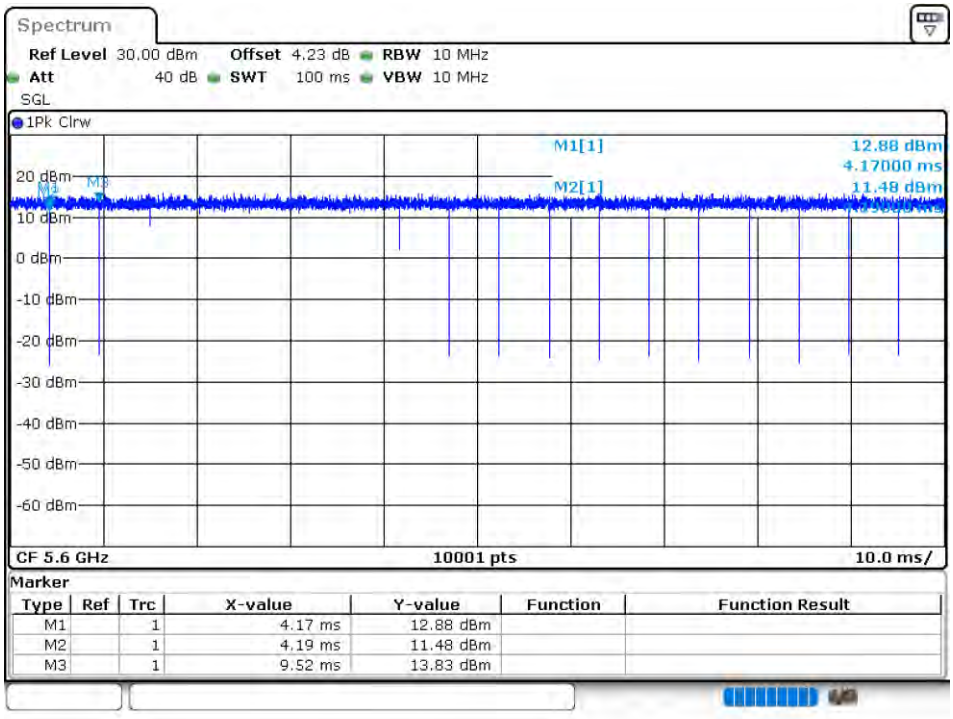
Duty Cycle NVNT n40 5670MHz Ant2



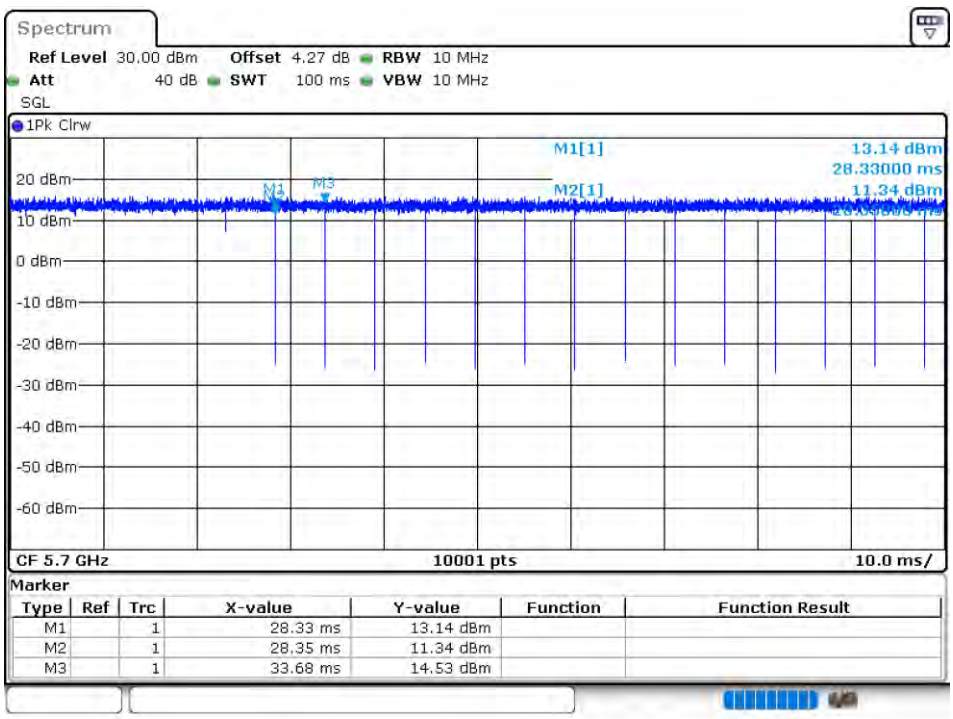
Duty Cycle NVNT ac20 5500MHz Ant1



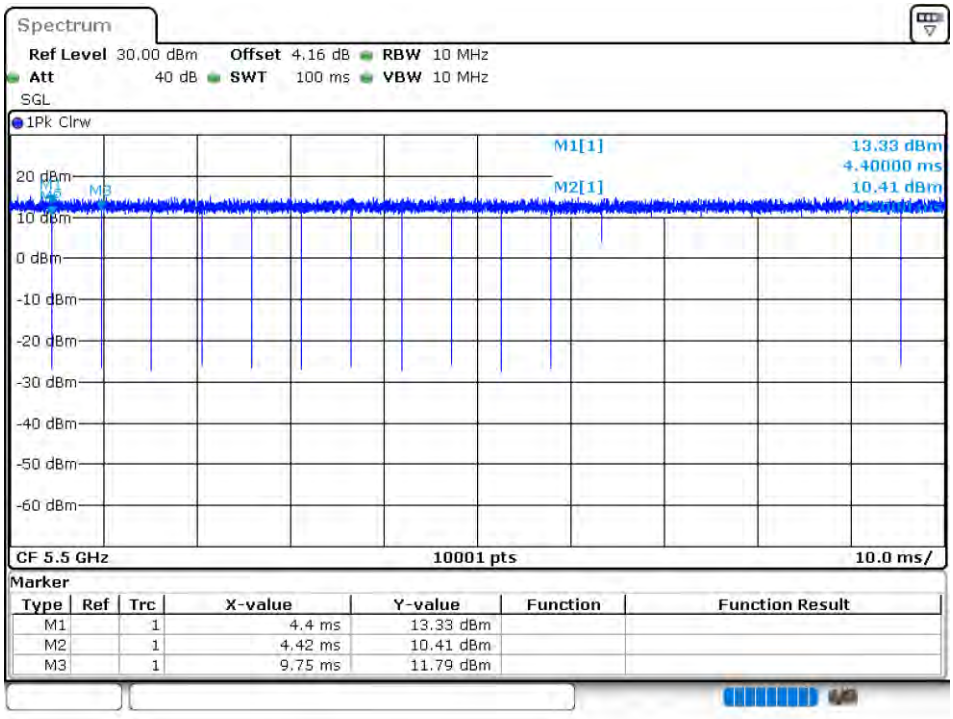
Duty Cycle NVNT ac20 5600MHz Ant1



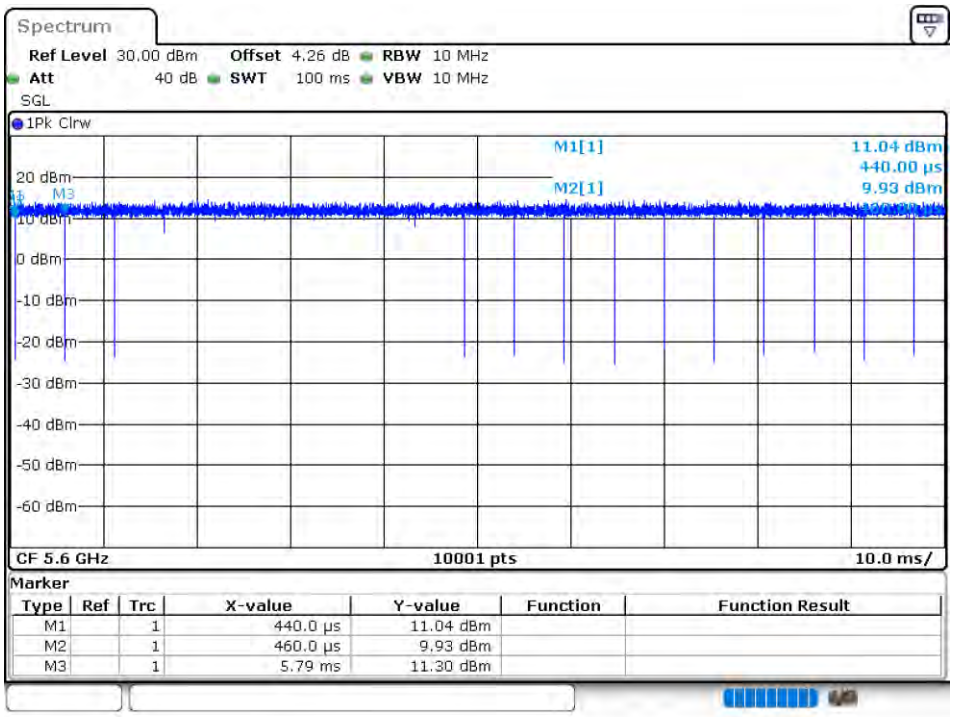
Duty Cycle NVNT ac20 5700MHz Ant1



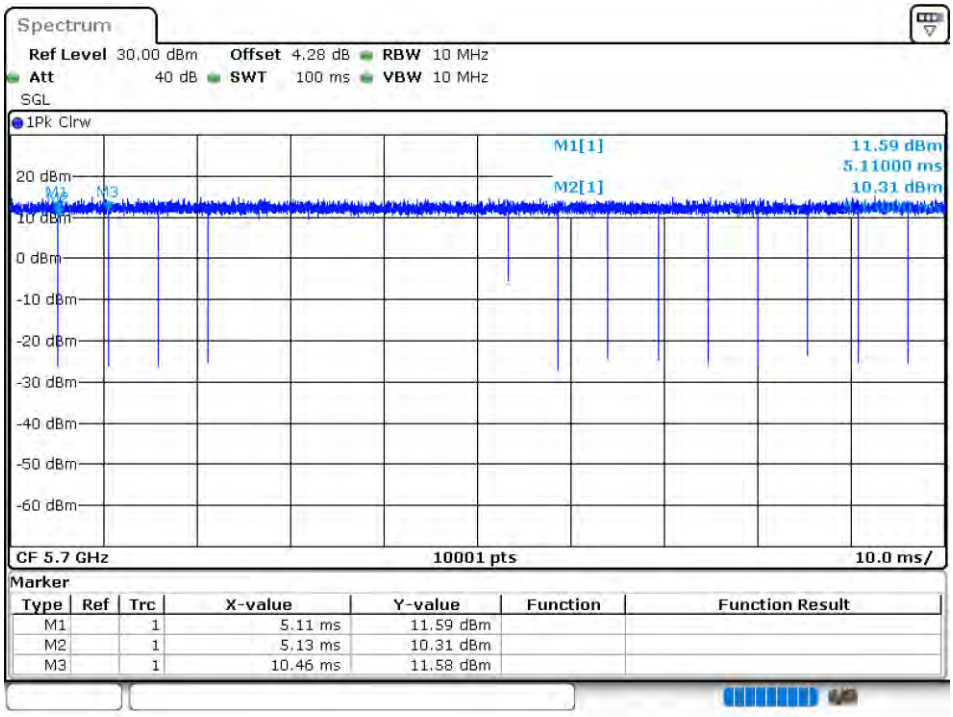
Duty Cycle NVNT ac20 5500MHz Ant2



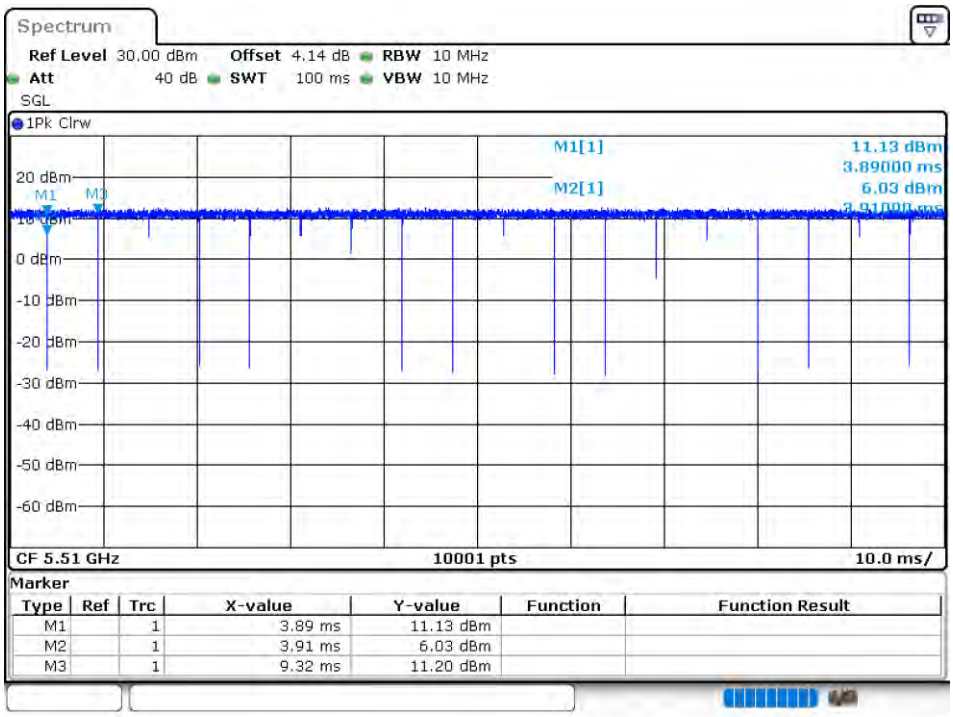
Duty Cycle NVNT ac20 5600MHz Ant2



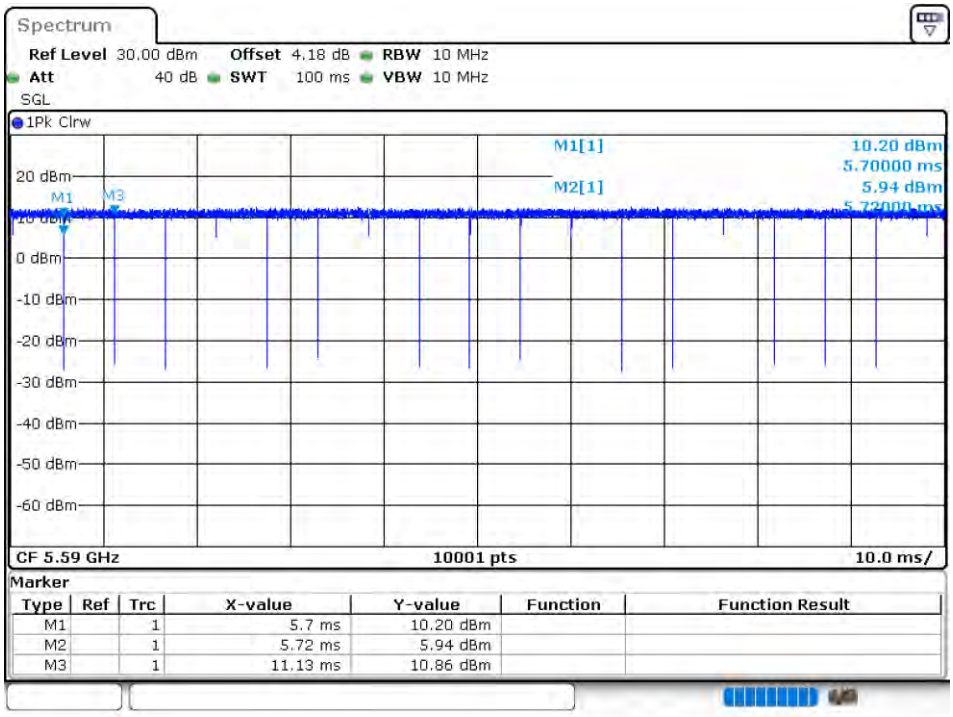
Duty Cycle NVNT ac20 5700MHz Ant2



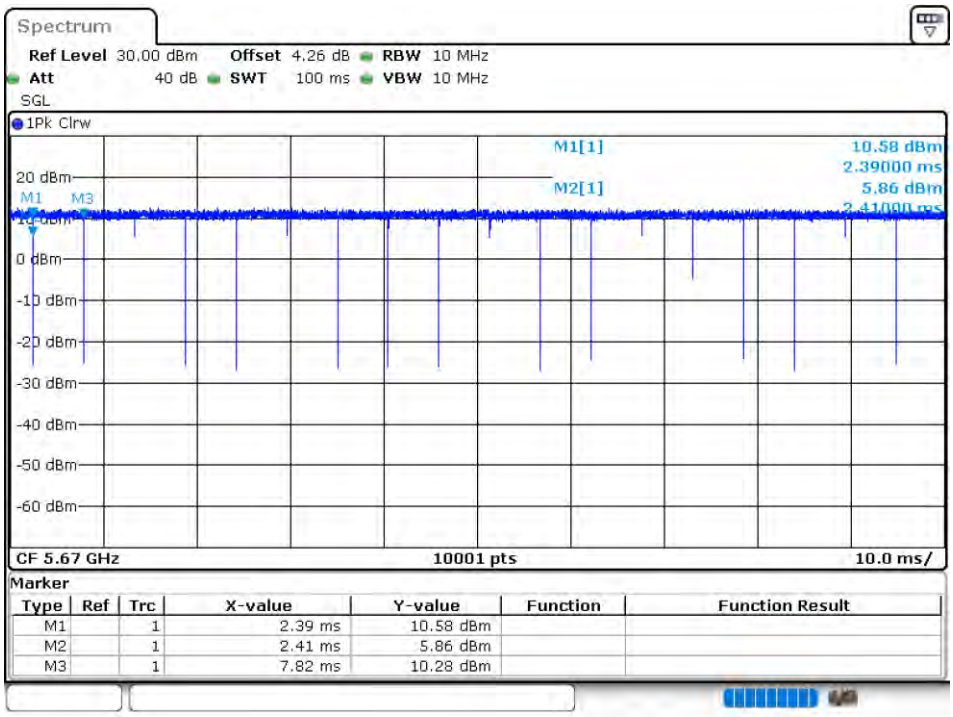
Duty Cycle NVNT ac40 5510MHz Ant1



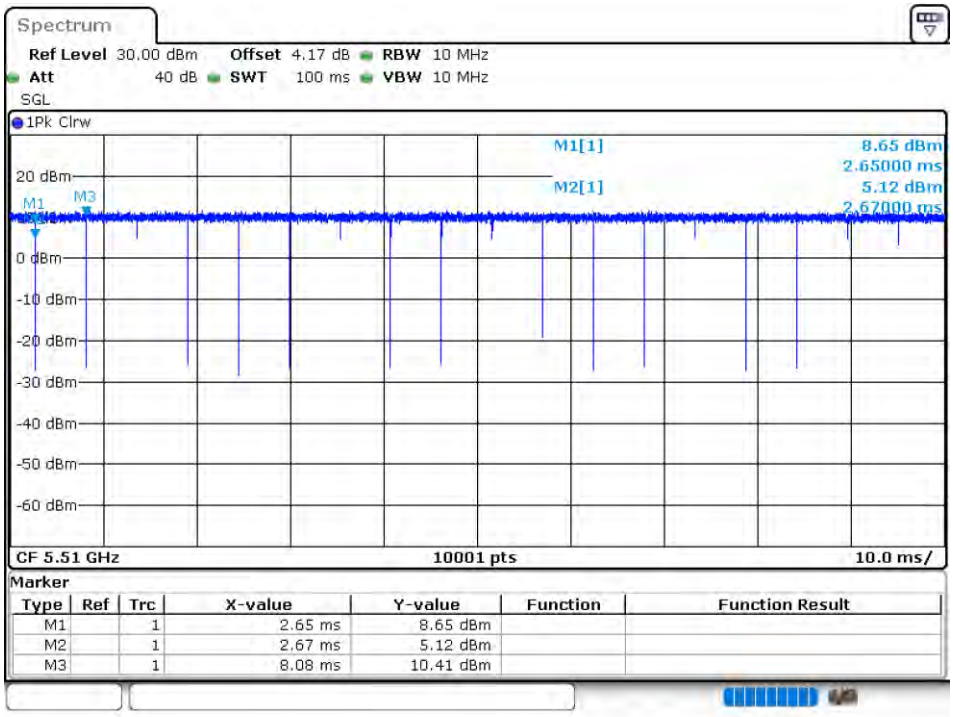
Duty Cycle NVNT ac40 5590MHz Ant1



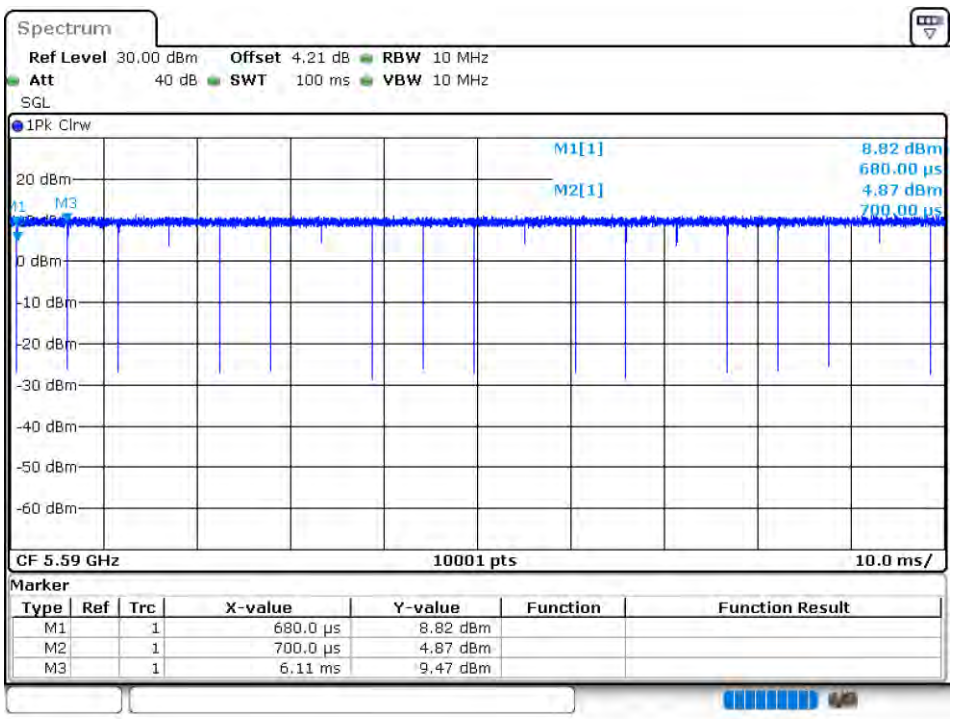
Duty Cycle NVNT ac40 5670MHz Ant1



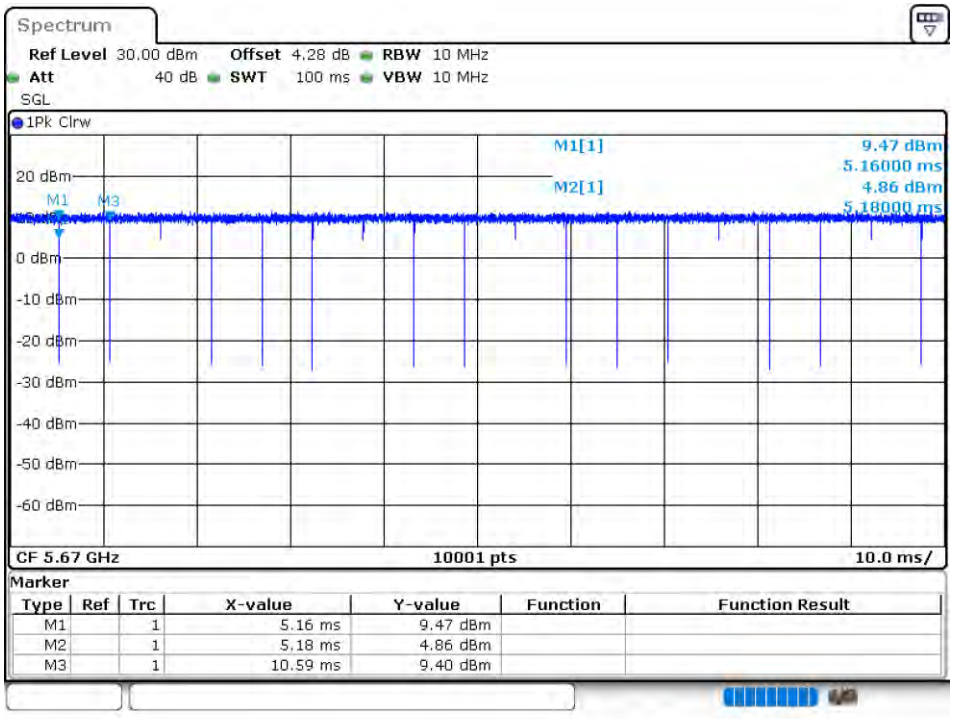
Duty Cycle NVNT ac40 5510MHz Ant2



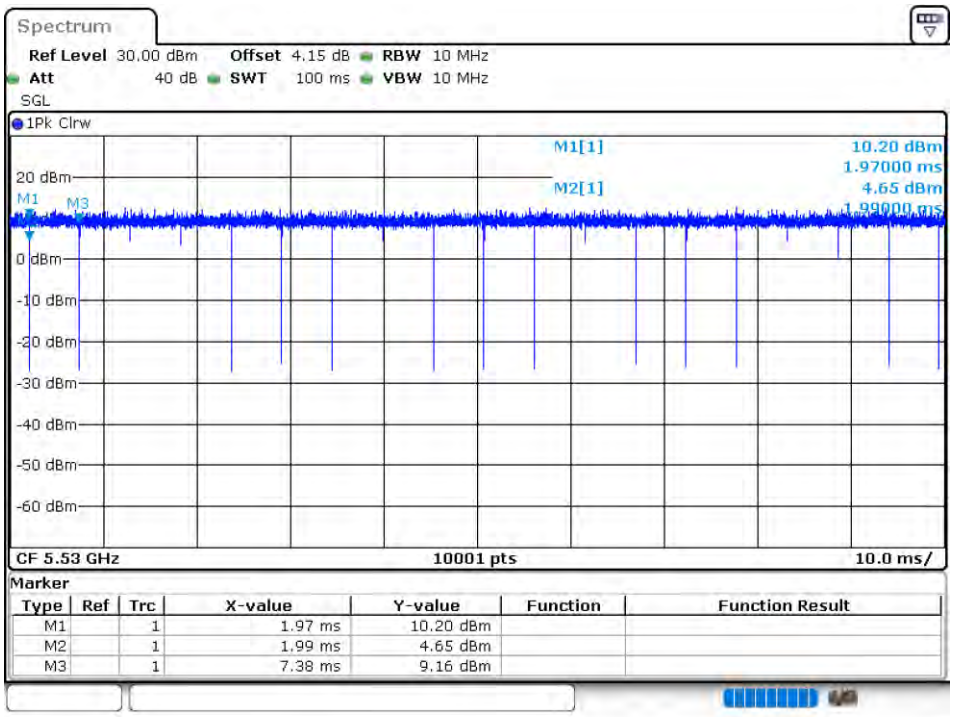
Duty Cycle NVNT ac40 5590MHz Ant2



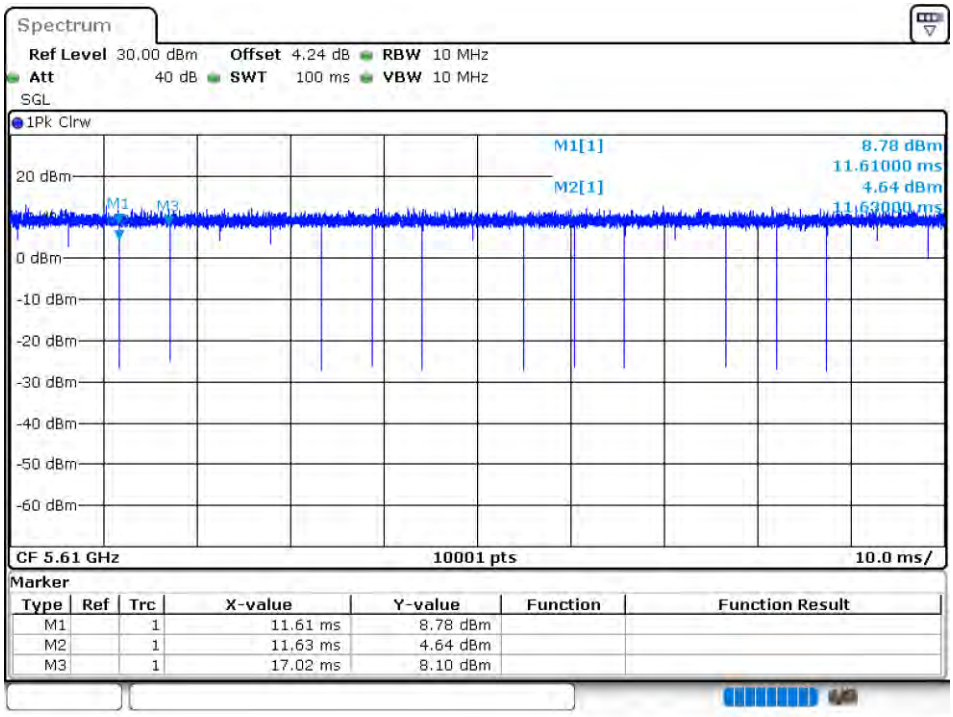
Duty Cycle NVNT ac40 5670MHz Ant2



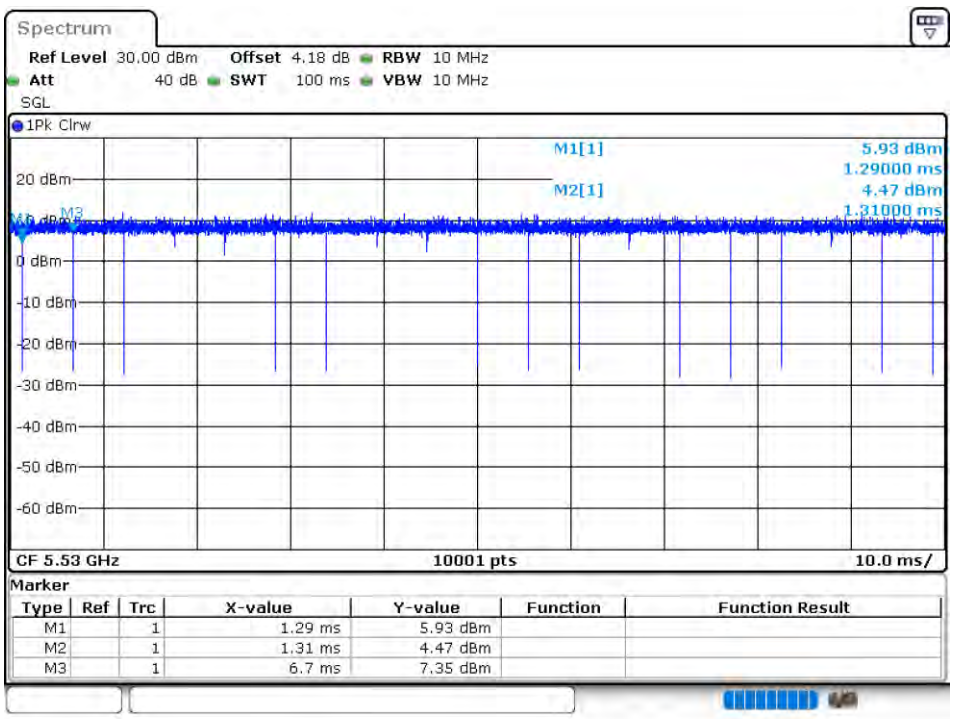
Duty Cycle NVNT ac80 5530MHz Ant1



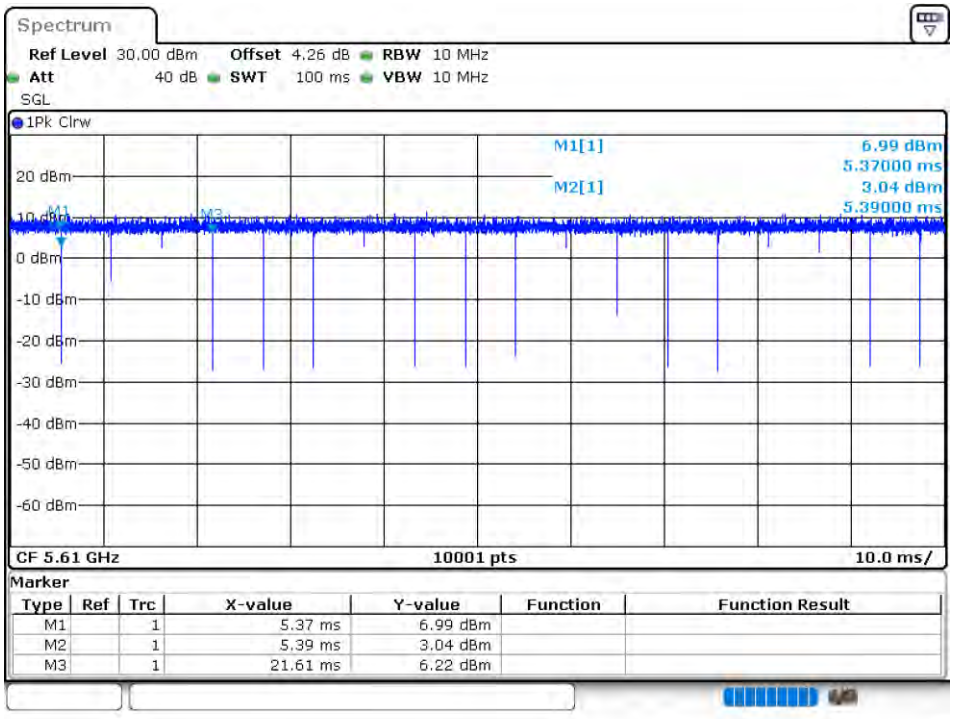
Duty Cycle NVNT ac80 5610MHz Ant1



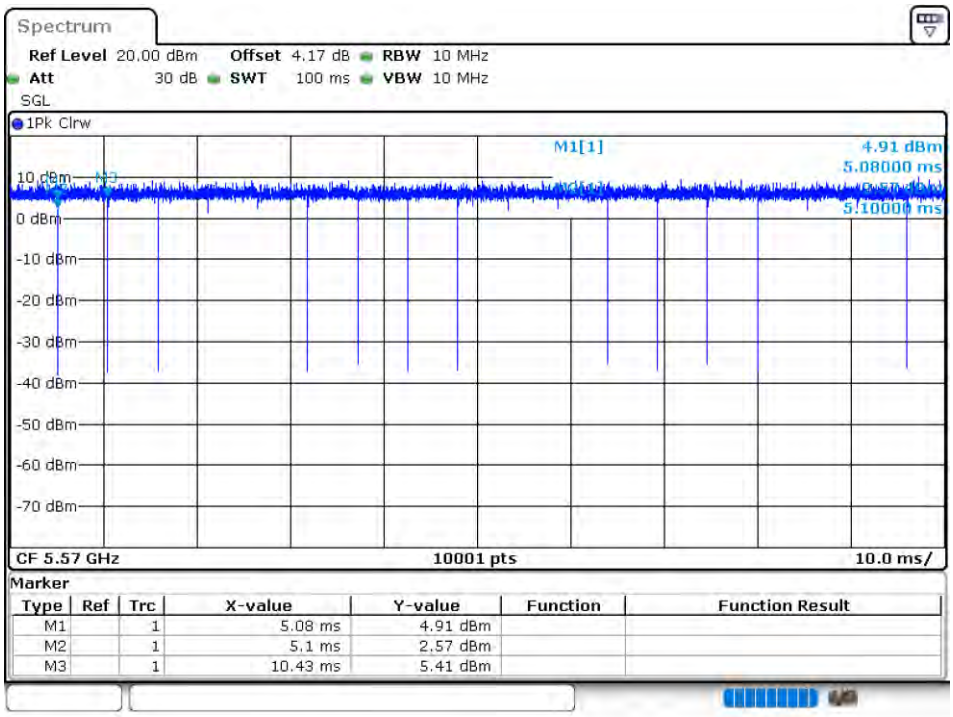
Duty Cycle NVNT ac80 5530MHz Ant2



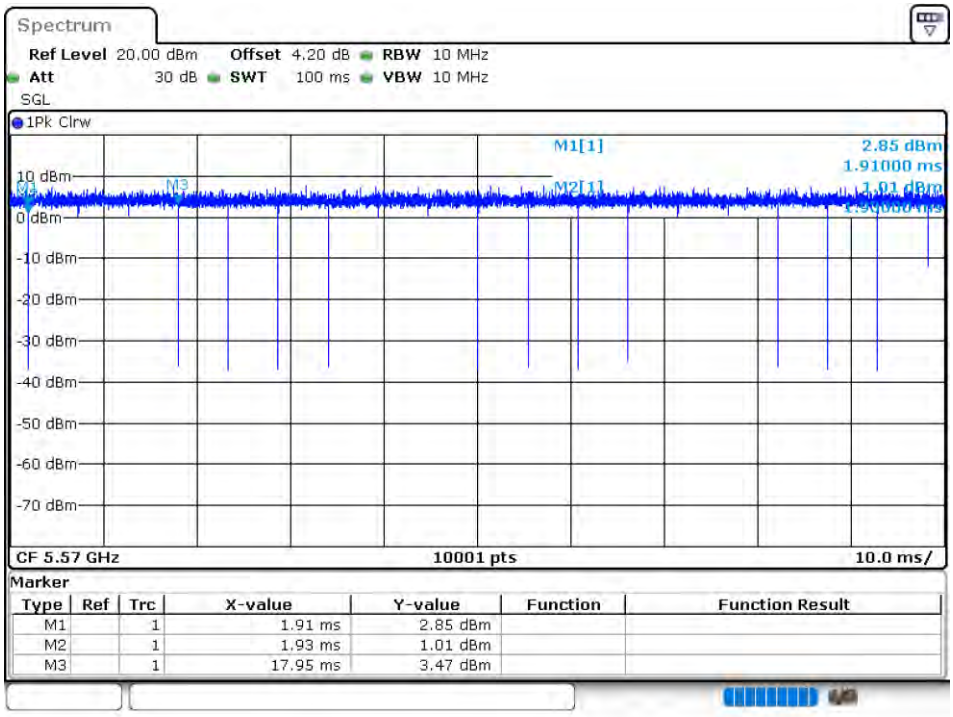
Duty Cycle NVNT ac80 5610MHz Ant2



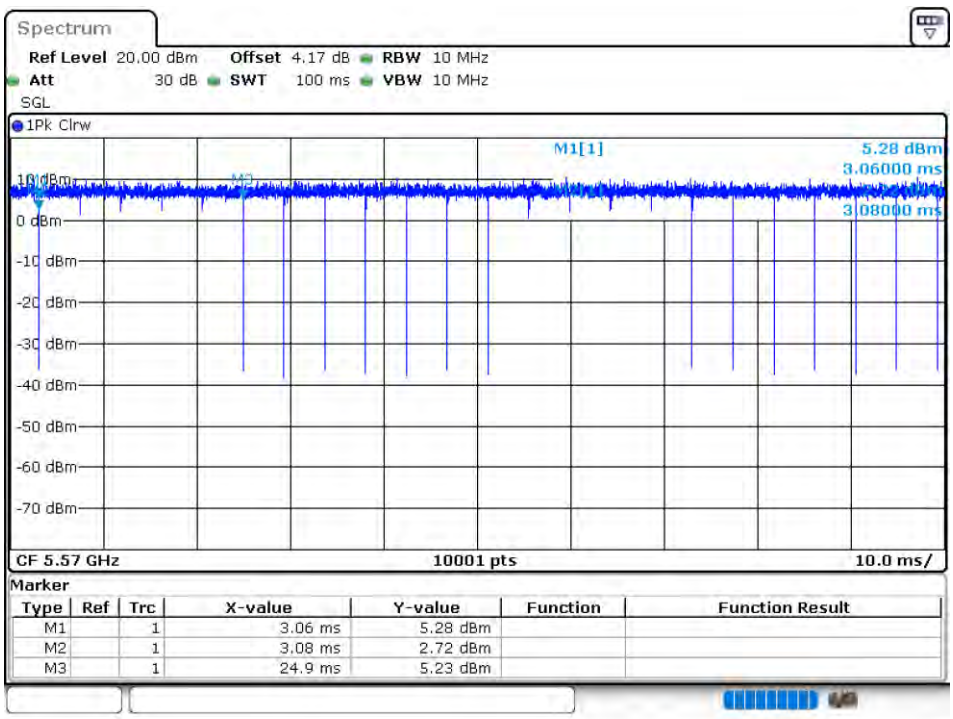
Duty Cycle NVNT ac160 5570MHz Ant1



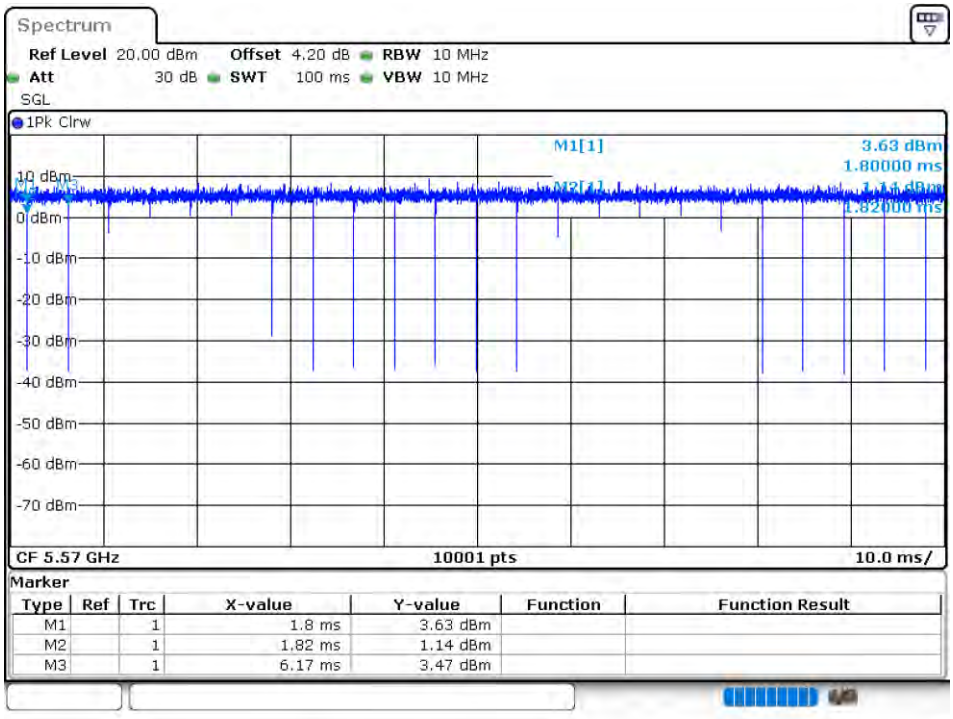
Duty Cycle NVNT ac160 5570MHz Ant2



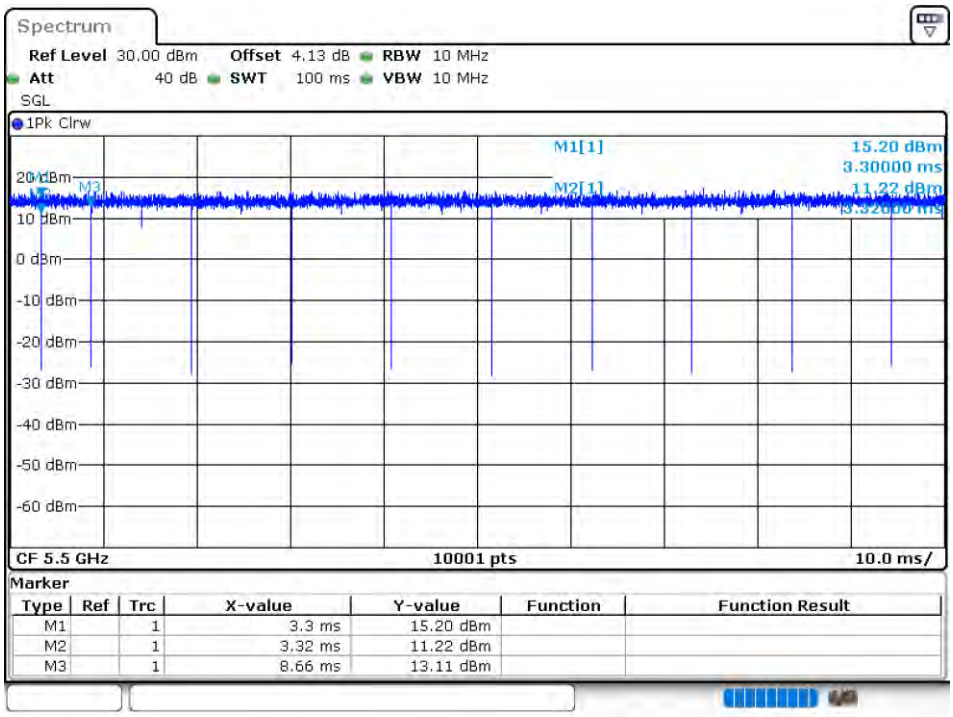
Duty Cycle NVNT ax160 5570MHz Ant1



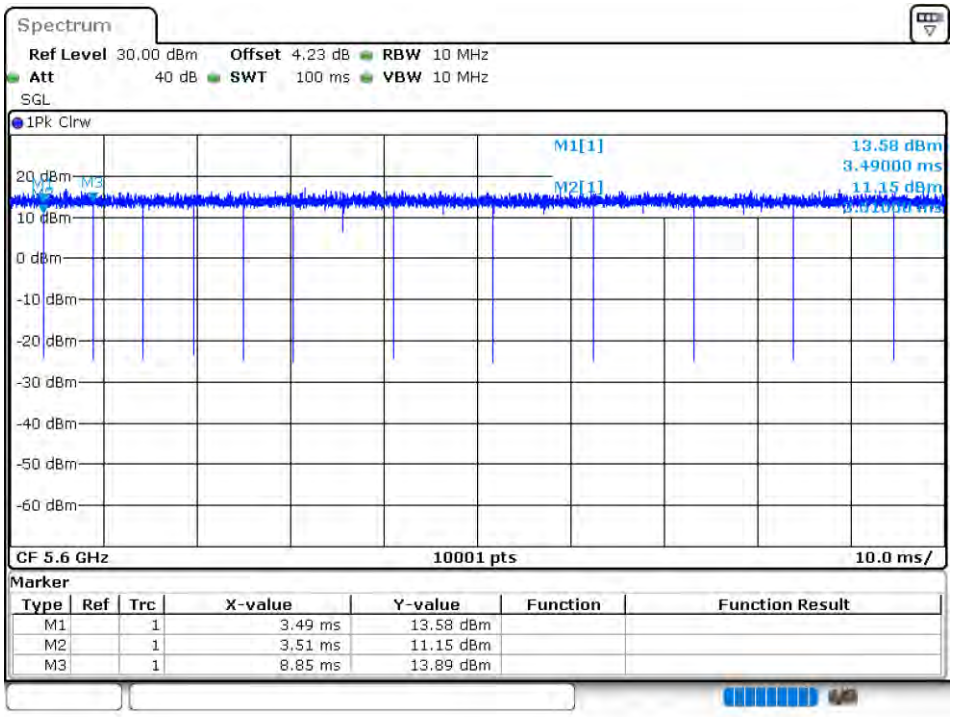
Duty Cycle NVNT ax160 5570MHz Ant2



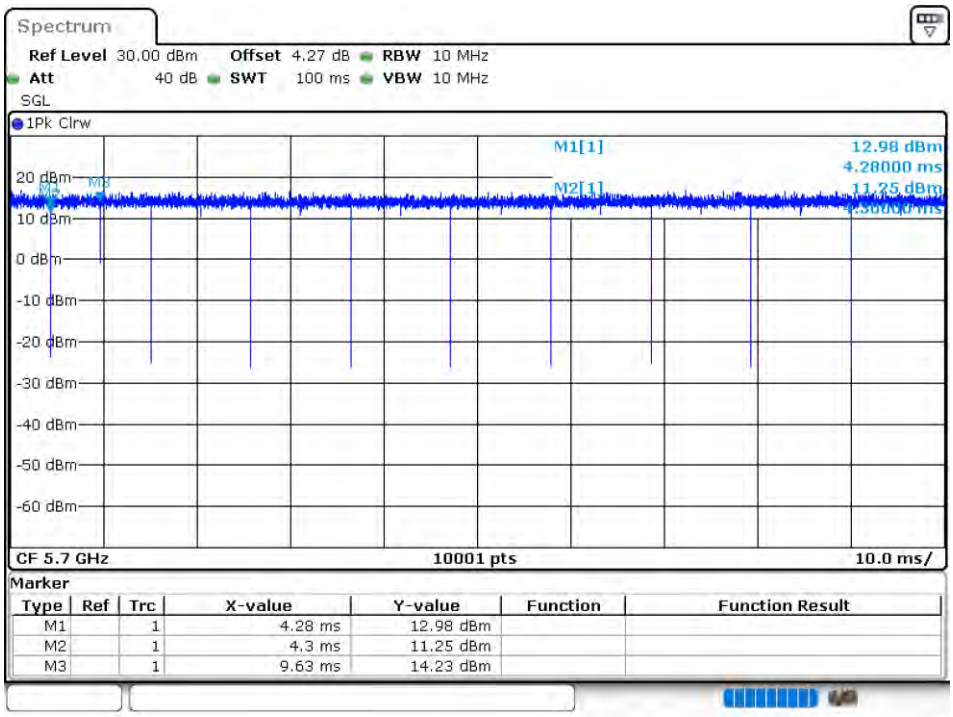
Duty Cycle NVNT ax20 5500MHz Ant1



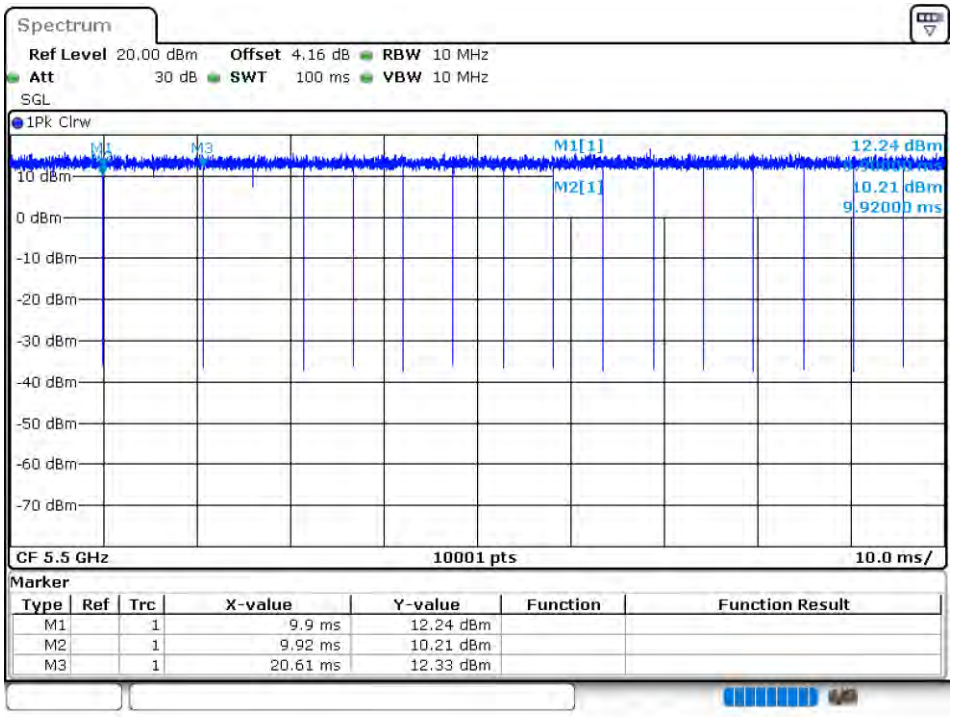
Duty Cycle NVNT ax20 5600MHz Ant1



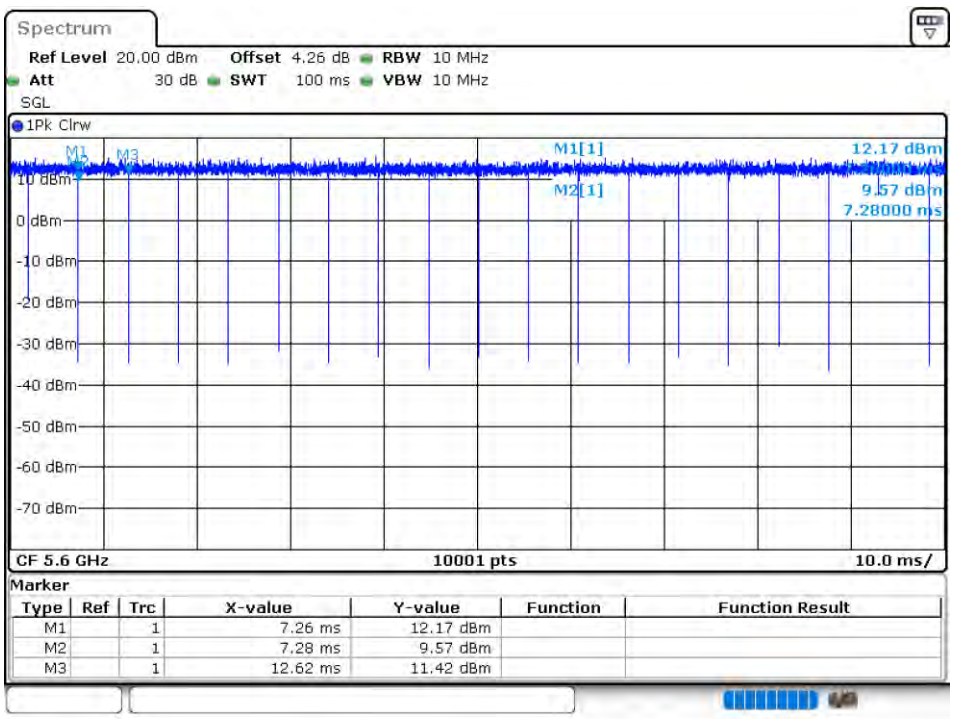
Duty Cycle NVNT ax20 5700MHz Ant1



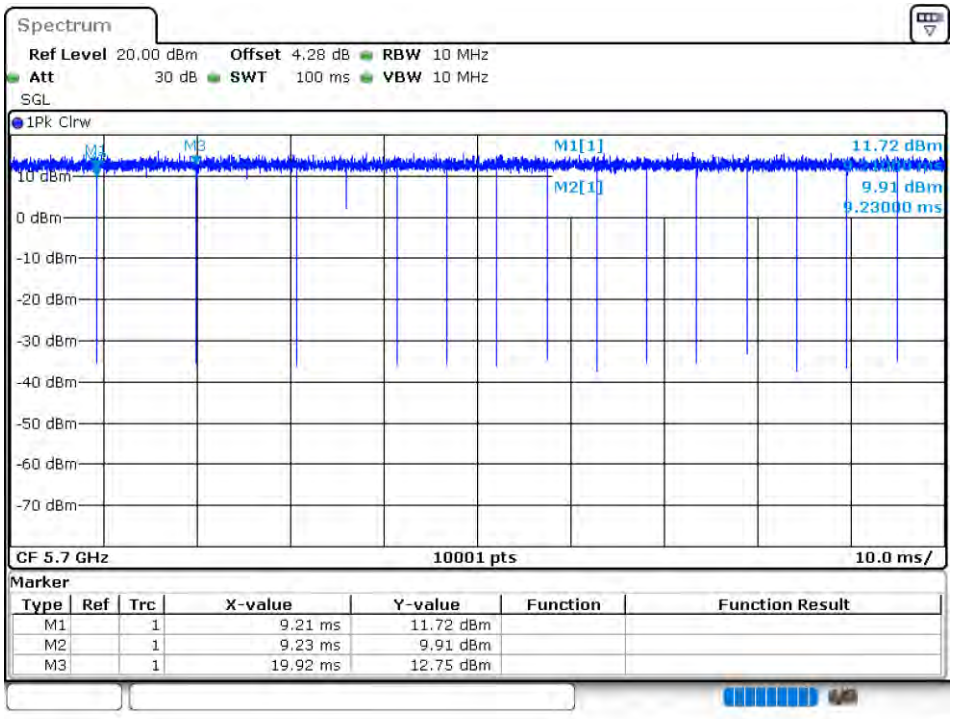
Duty Cycle NVNT ax20 5500MHz Ant2



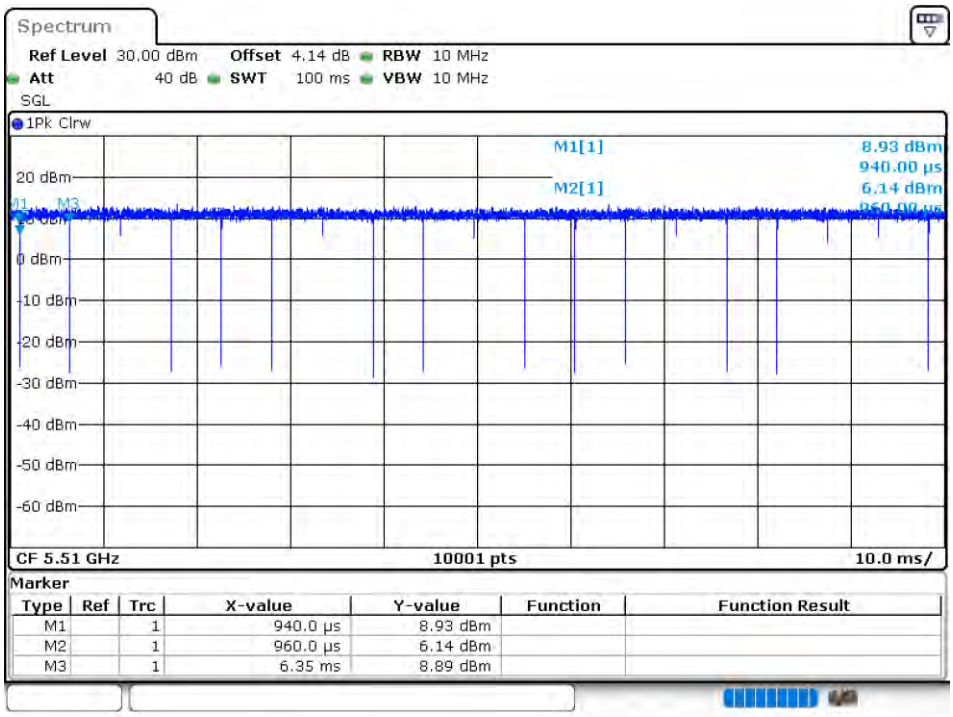
Duty Cycle NVNT ax20 5600MHz Ant2



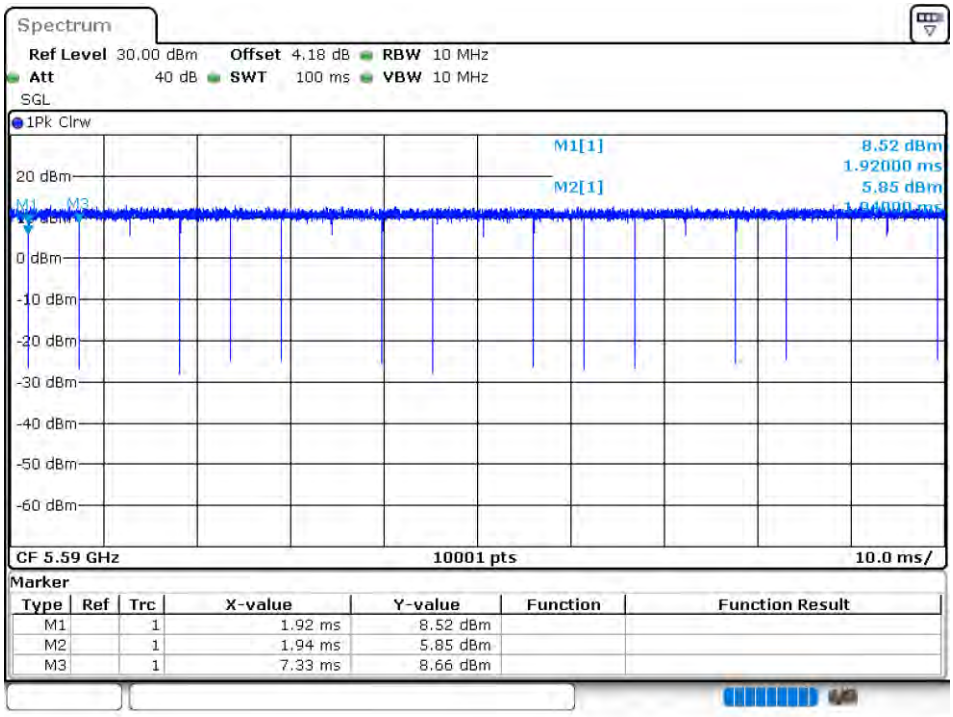
Duty Cycle NVNT ax20 5700MHz Ant2



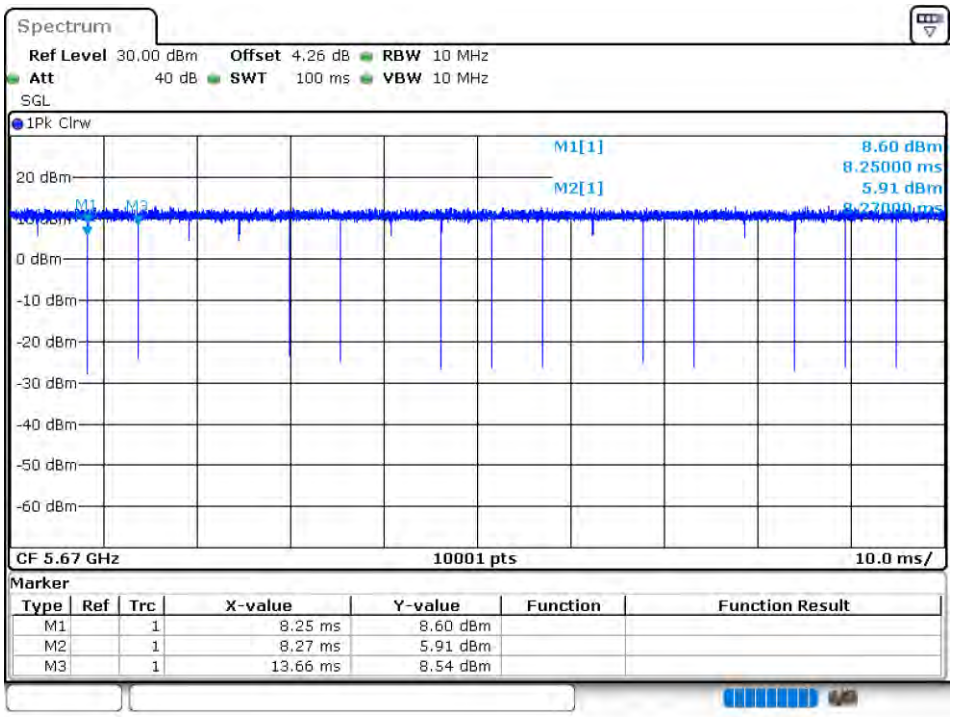
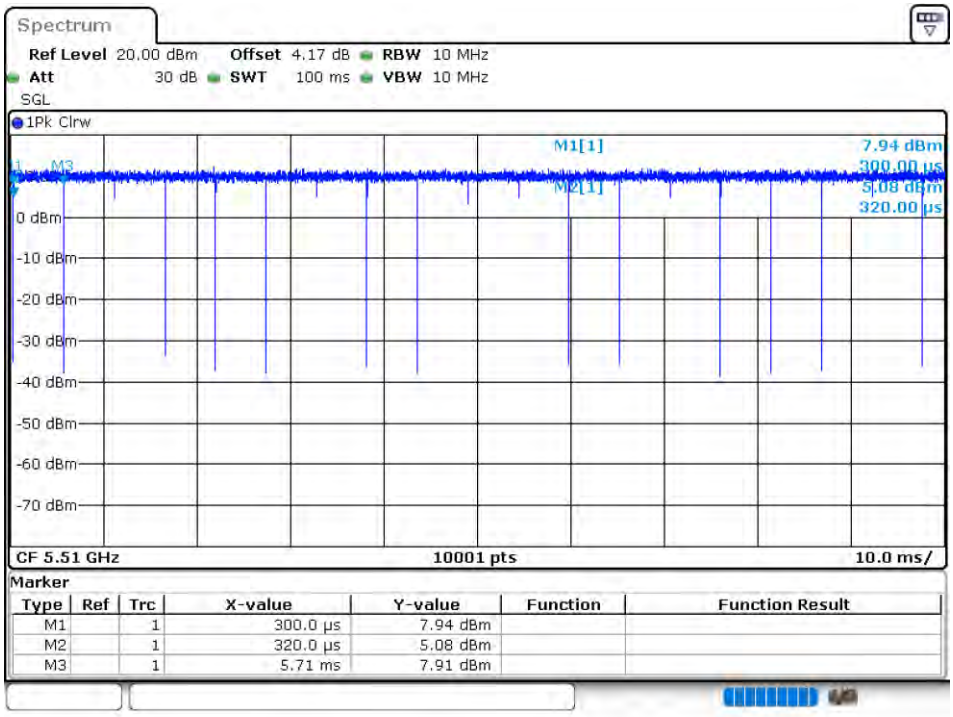
Duty Cycle NVNT ax40 5510MHz Ant1



Duty Cycle NVNT ax40 5590MHz Ant1



Duty Cycle NVNT ax40 5670MHz Ant1



Duty Cycle NVNT ax40 5510MHz Ant2