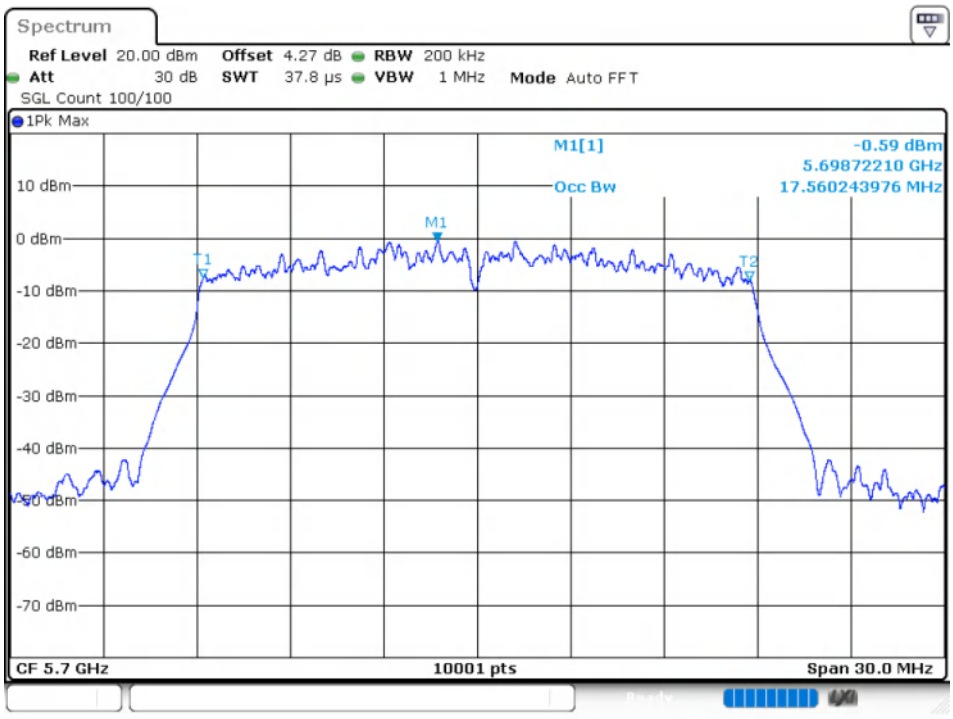
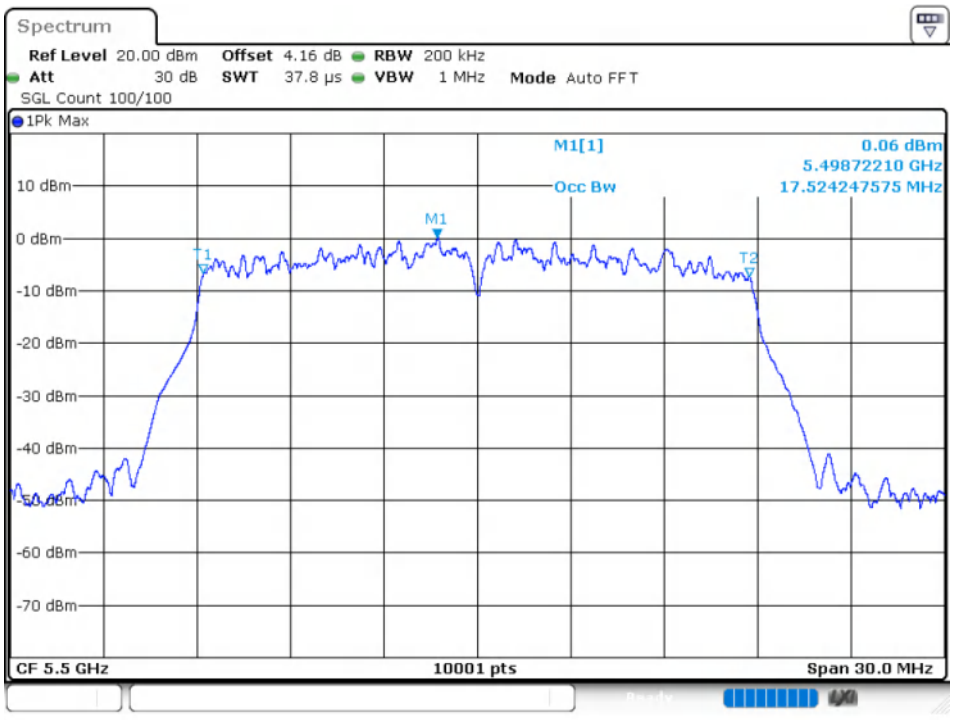
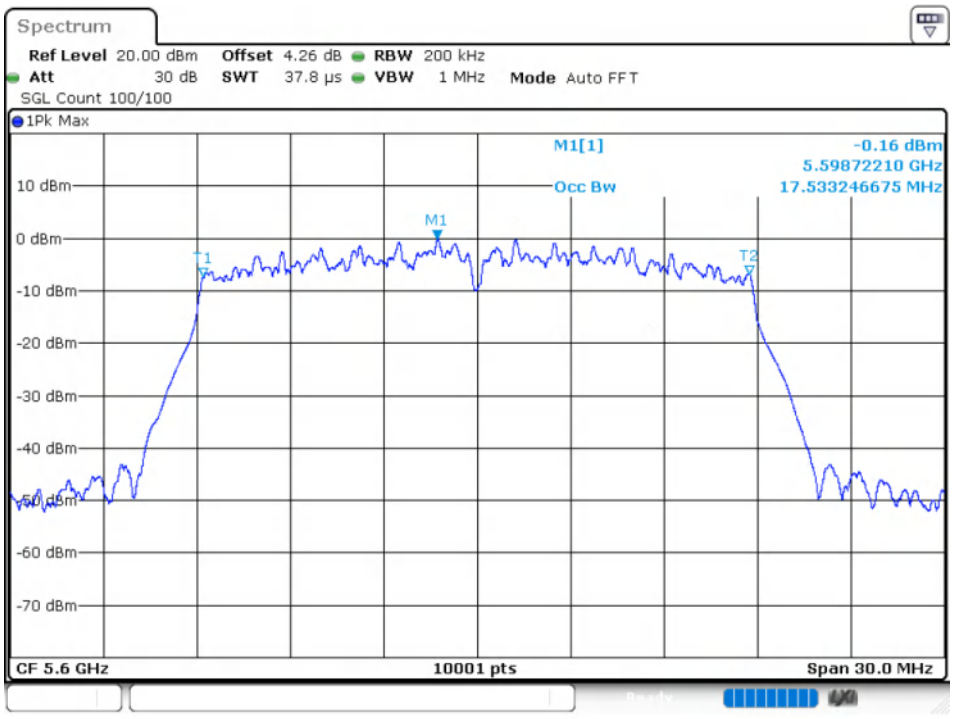
OBW NVNT ac20 5700MHz Ant1



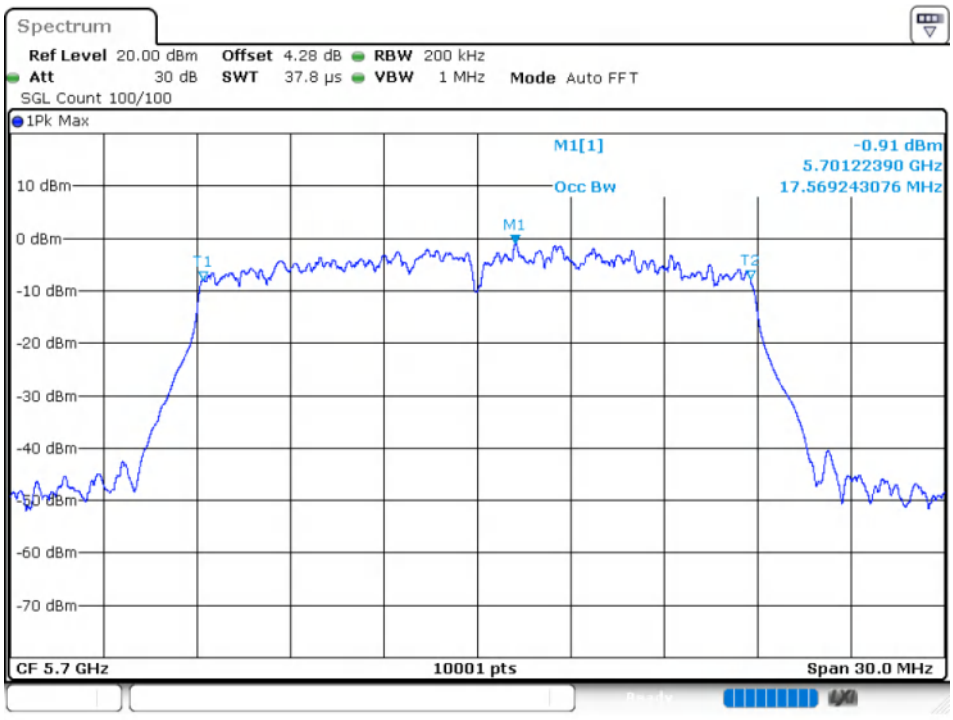
OBW NVNT ac20 5500MHz Ant2



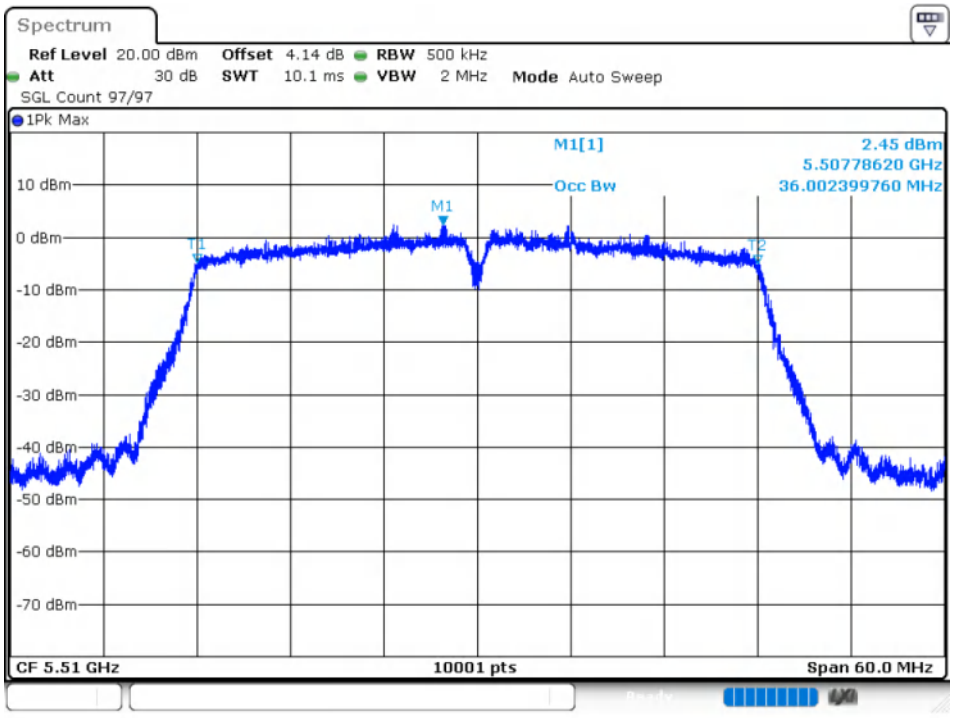
OBW NVNT ac20 5600MHz Ant2



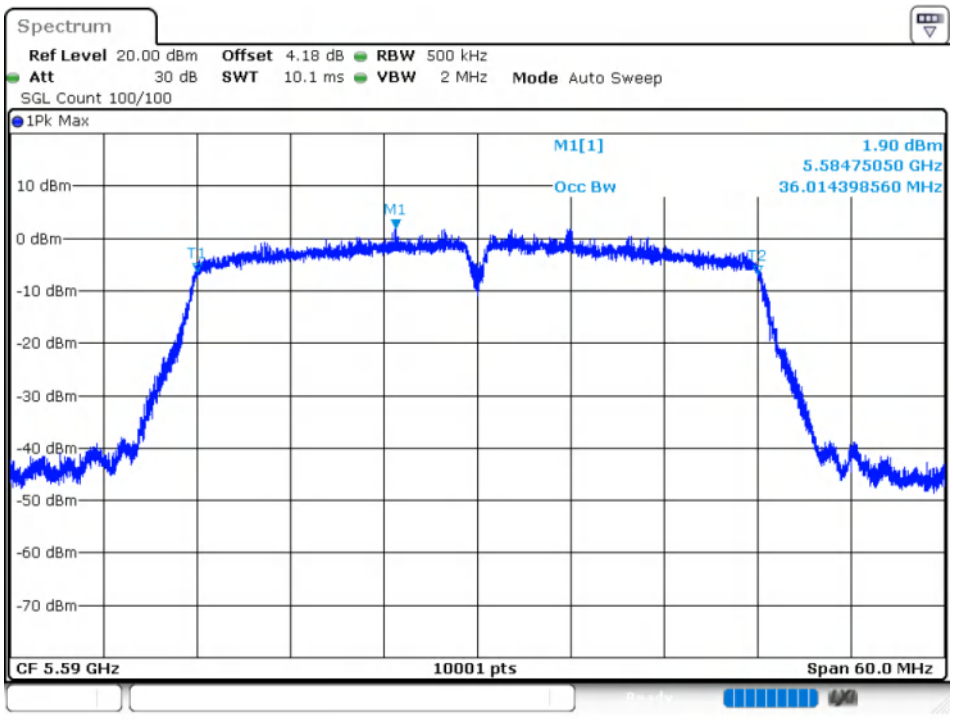
OBW NVNT ac20 5700MHz Ant2



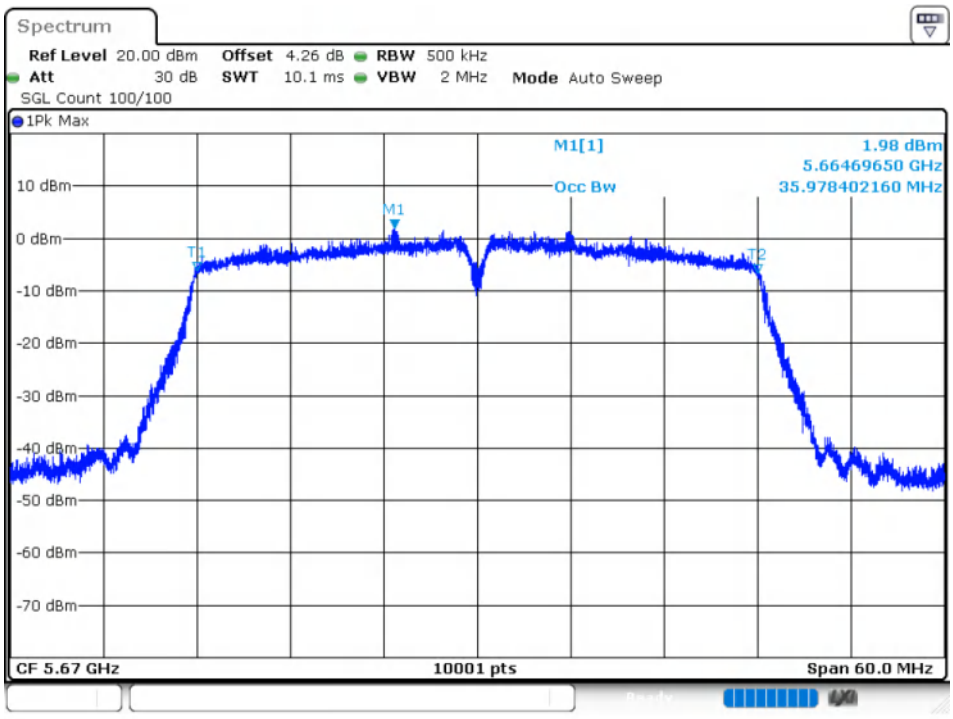
OBW NVNT ac40 5510MHz Ant1



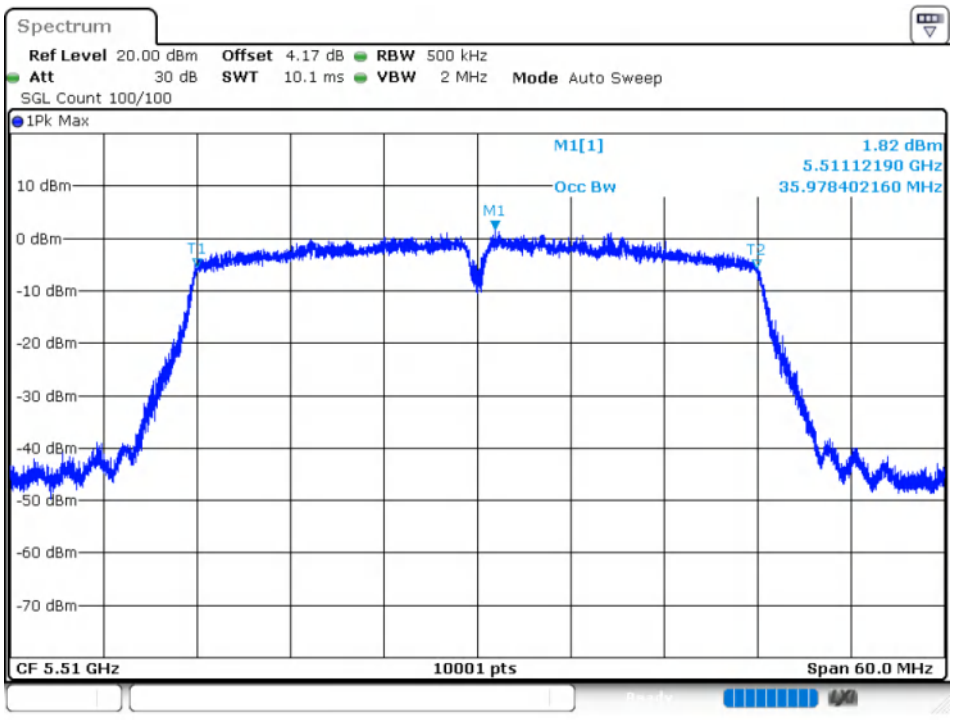
OBW NVNT ac40 5590MHz Ant1



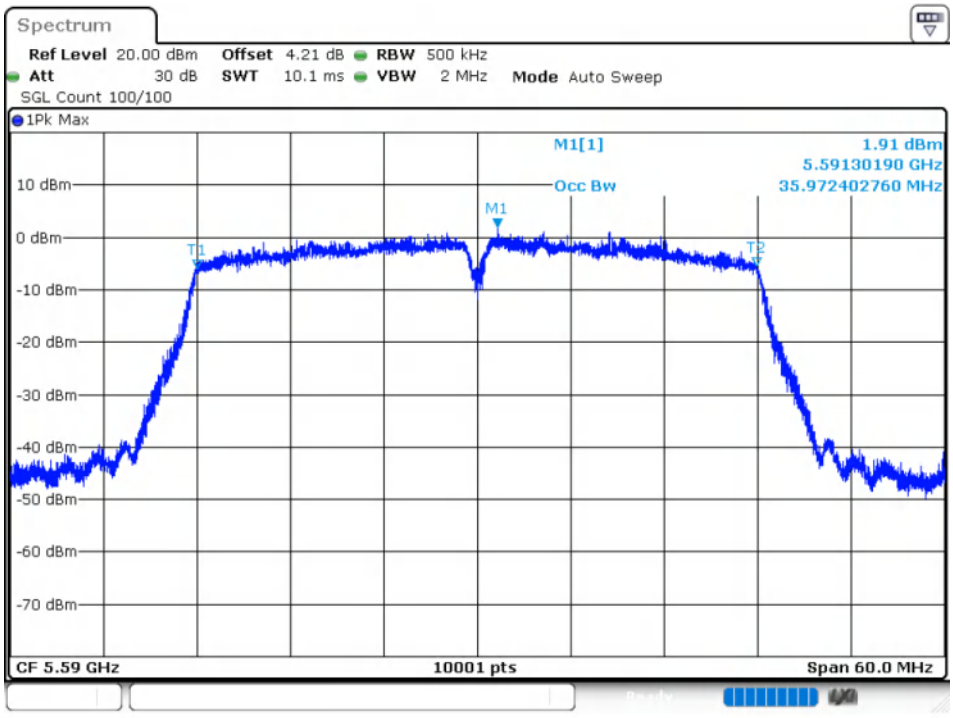
OBW NVNT ac40 5670MHz Ant1



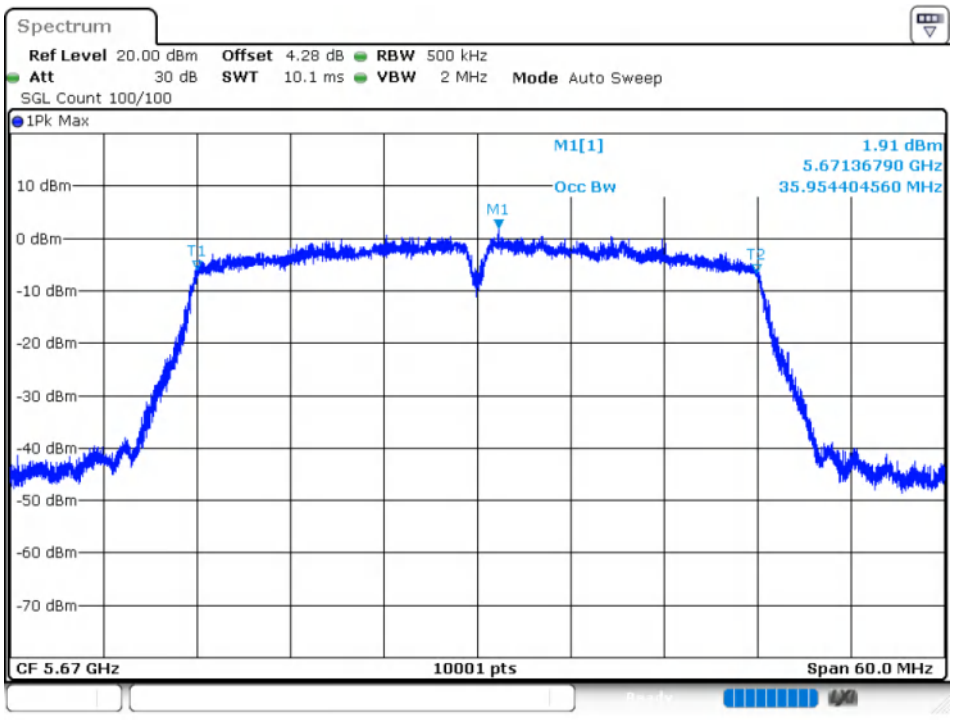
OBW NVNT ac40 5510MHz Ant2



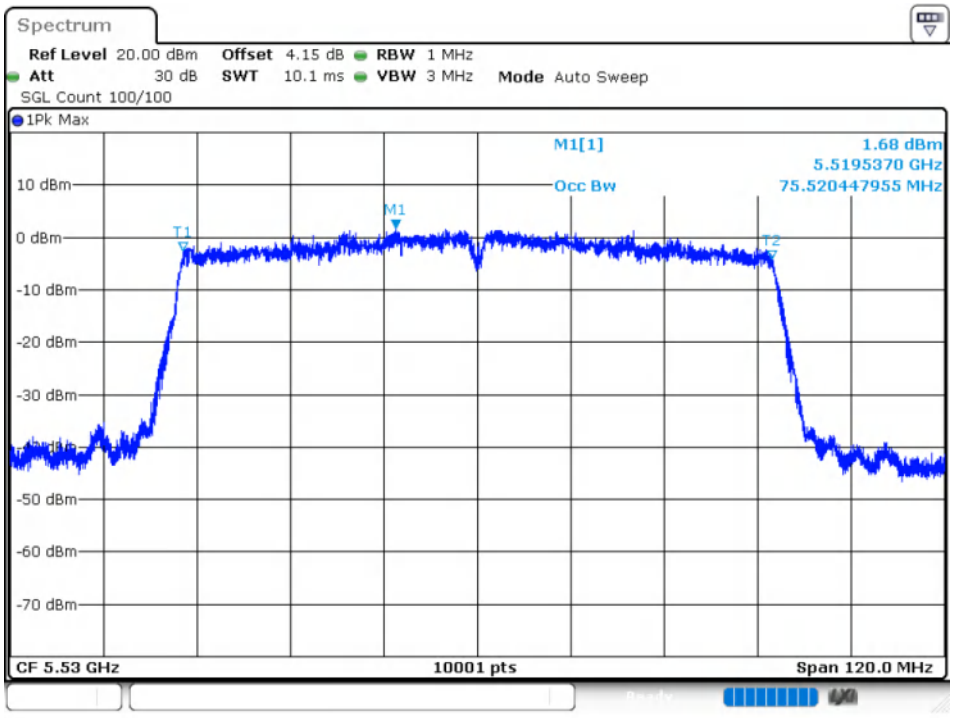
OBW NVNT ac40 5590MHz Ant2



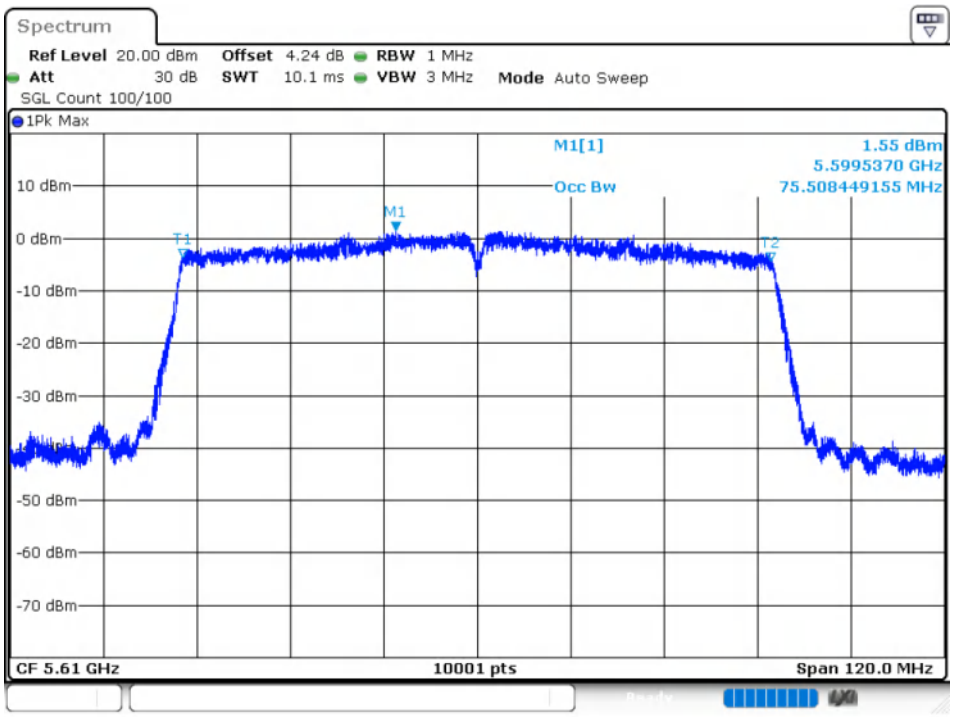
OBW NVNT ac40 5670MHz Ant2



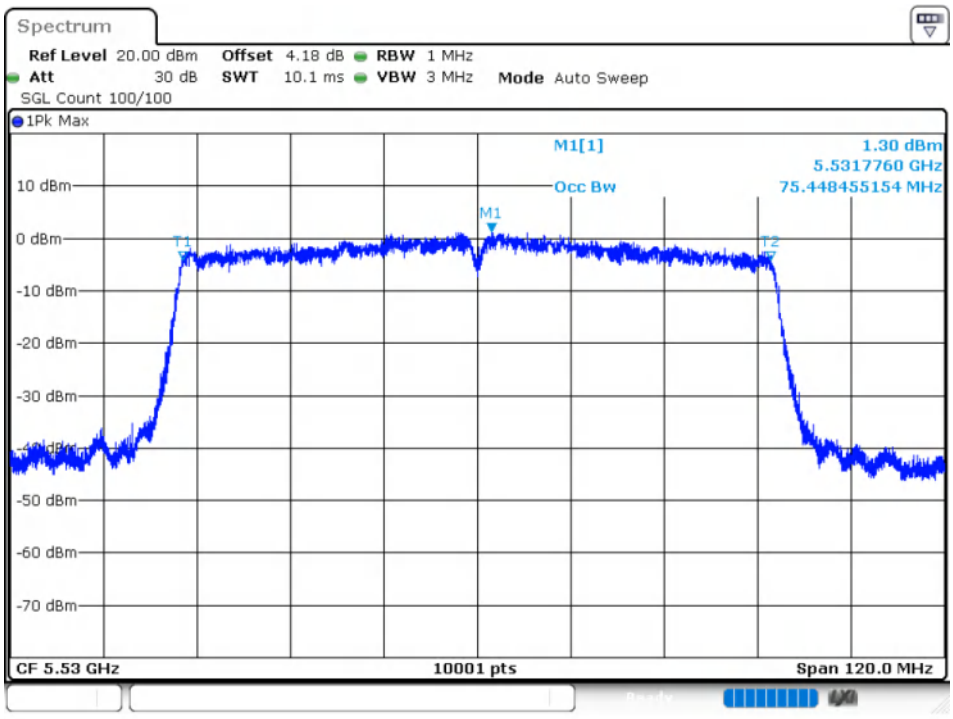
OBW NVNT ac80 5530MHz Ant1



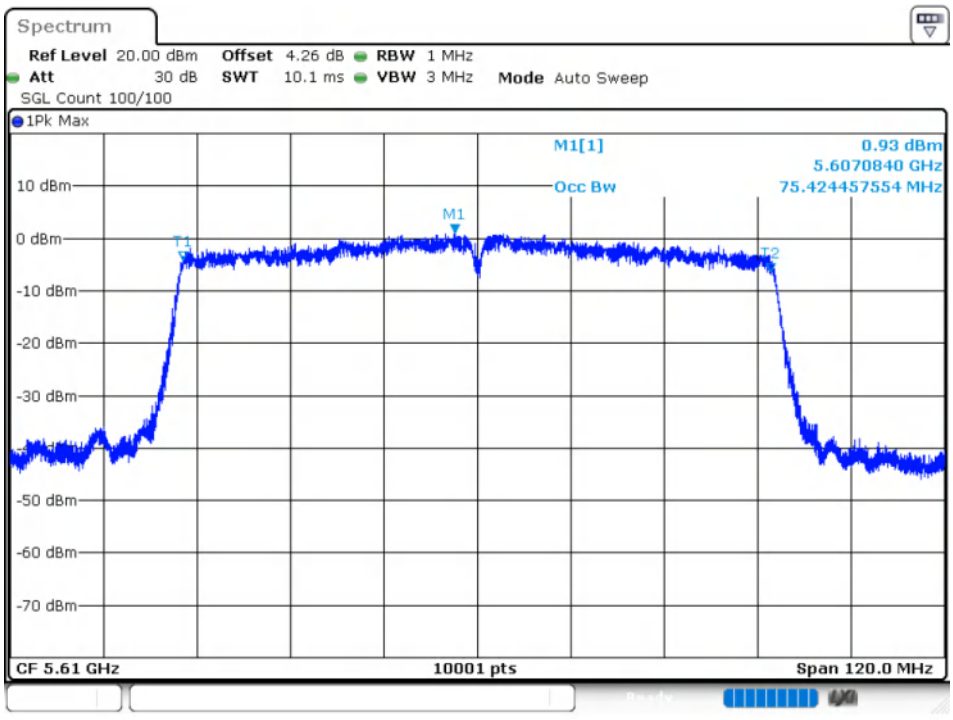
OBW NVNT ac80 5610MHz Ant1



OBW NVNT ac80 5530MHz Ant2

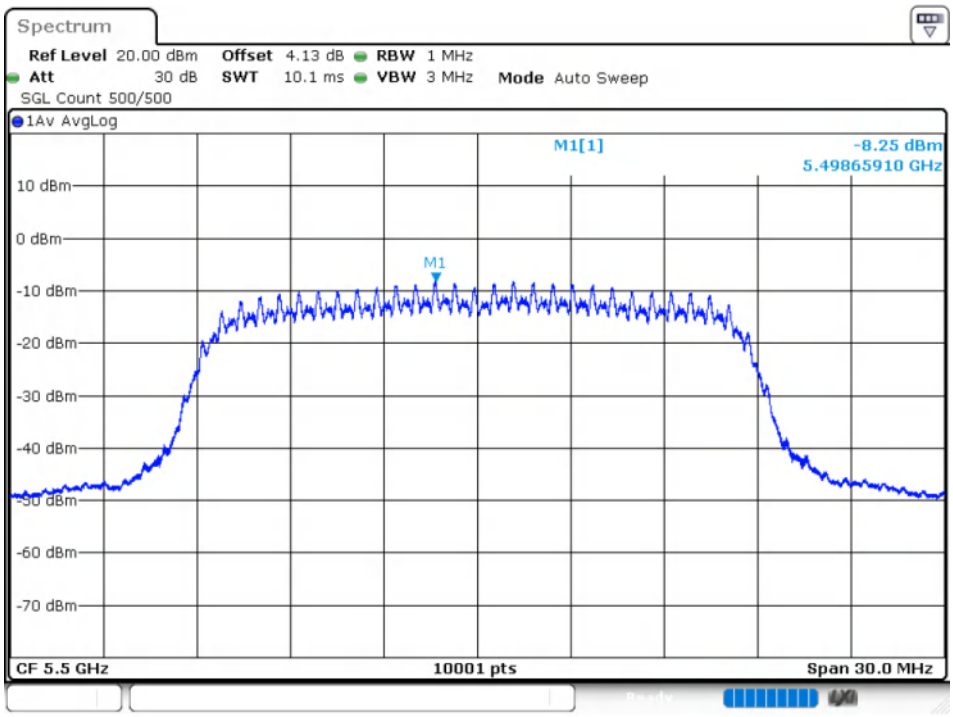
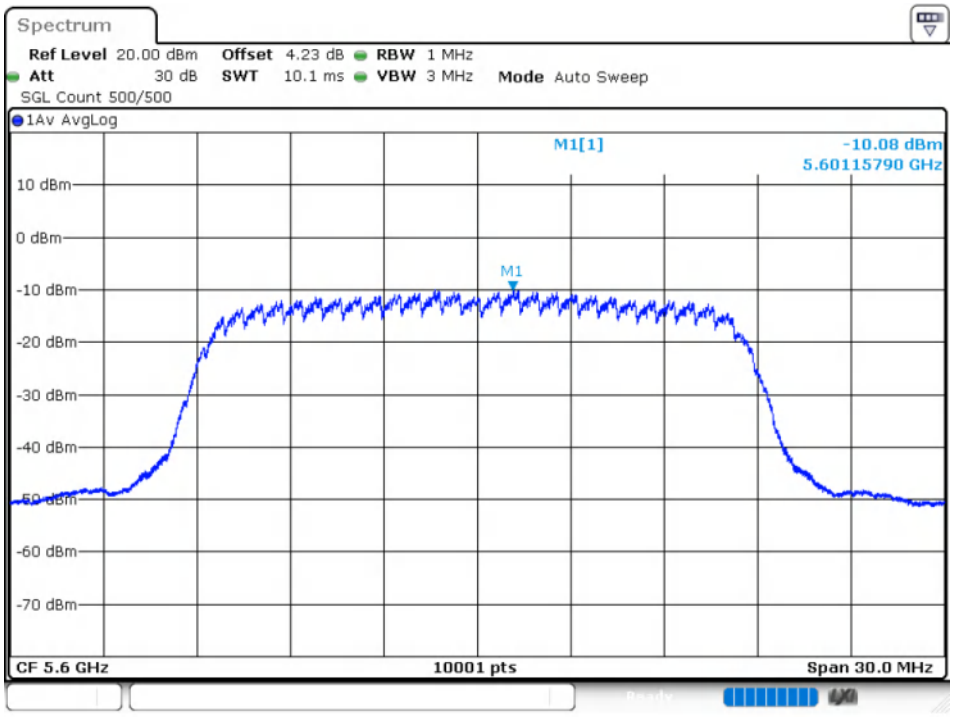


OBW NVNT ac80 5610MHz Ant2

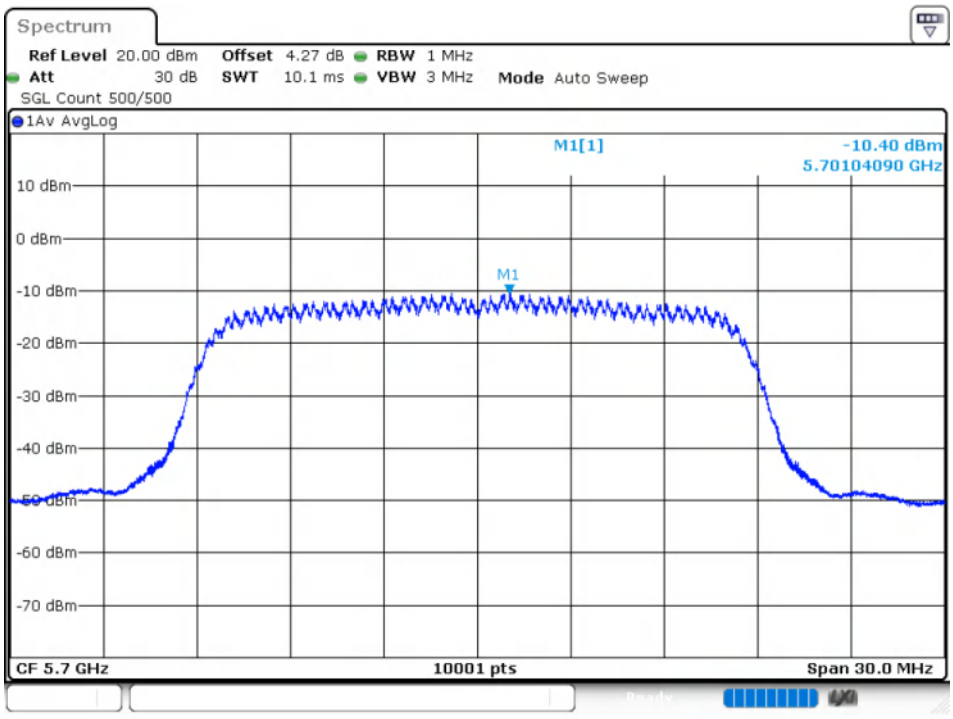


Maximum Power Spectral Density Level

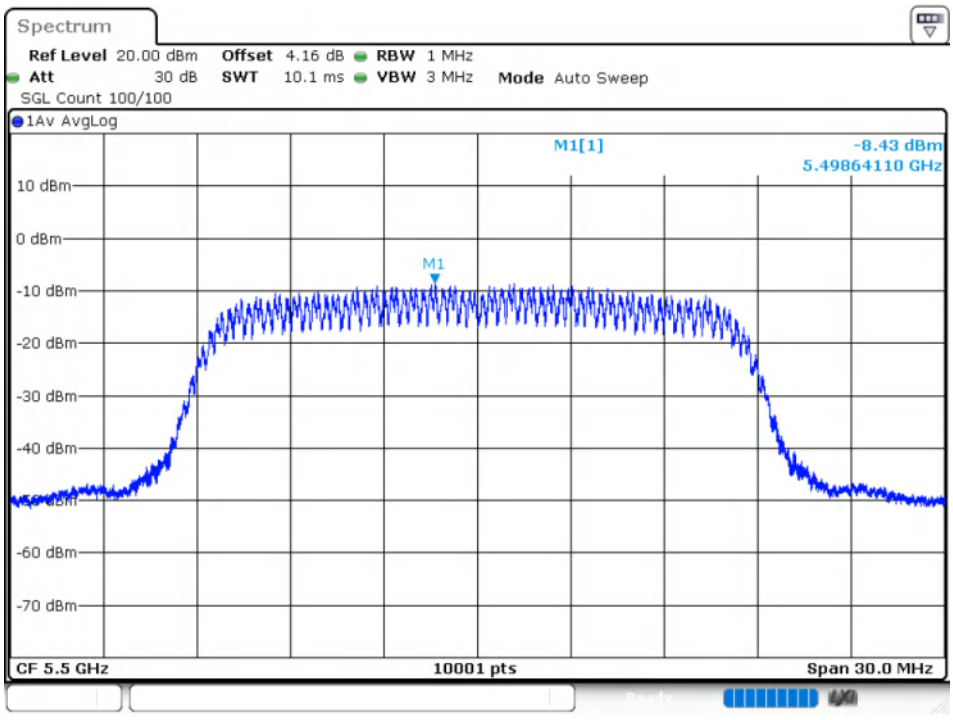
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-8.25	0.75	-7.5	11	Pass
NVNT	a	5600	Ant1	-10.08	0.75	-9.33	11	Pass
NVNT	a	5700	Ant1	-10.4	0.75	-9.65	11	Pass
NVNT	a	5500	Ant2	-8.43	0.74	-7.69	11	Pass
NVNT	a	5600	Ant2	-8.25	0.74	-7.51	11	Pass
NVNT	a	5700	Ant2	-7.71	0.75	-6.96	11	Pass
NVNT	n20	5500	Ant1	-11.22	0.79	-10.43	11	Pass
NVNT	n20	5600	Ant1	-11.84	0.8	-11.04	11	Pass
NVNT	n20	5700	Ant1	-12.35	0.79	-11.56	11	Pass
NVNT	n20	5500	Ant2	-9.79	0.79	-9	11	Pass
NVNT	n20	5600	Ant2	-9.7	0.79	-8.91	11	Pass
NVNT	n20	5700	Ant2	-10.21	0.79	-9.42	11	Pass
NVNT	n40	5510	Ant1	-18.21	1.17	-17.04	11	Pass
NVNT	n40	5590	Ant1	-18.83	1.17	-17.66	11	Pass
NVNT	n40	5670	Ant1	-18.05	1.17	-16.88	11	Pass
NVNT	n40	5510	Ant2	-17.69	1.17	-16.52	11	Pass
NVNT	n40	5590	Ant2	-14.88	1.17	-13.71	11	Pass
NVNT	n40	5670	Ant2	-18.13	1.17	-16.96	11	Pass
NVNT	ac20	5500	Ant1	-10.83	0.78	-10.05	11	Pass
NVNT	ac20	5600	Ant1	-11.68	0.78	-10.9	11	Pass
NVNT	ac20	5700	Ant1	-12.07	0.78	-11.29	11	Pass
NVNT	ac20	5500	Ant2	-9.38	0.78	-8.6	11	Pass
NVNT	ac20	5600	Ant2	-8.3	0.77	-7.53	11	Pass
NVNT	ac20	5700	Ant2	-9.62	0.78	-8.84	11	Pass
NVNT	ac40	5510	Ant1	-17.82	1.14	-16.68	11	Pass
NVNT	ac40	5590	Ant1	-18.32	1.13	-17.19	11	Pass
NVNT	ac40	5670	Ant1	-18.46	1.14	-17.32	11	Pass
NVNT	ac40	5510	Ant2	-13.5	1.13	-12.37	11	Pass
NVNT	ac40	5590	Ant2	-14.98	1.13	-13.85	11	Pass
NVNT	ac40	5670	Ant2	-14.56	1.13	-13.43	11	Pass
NVNT	ac80	5530	Ant1	-24.17	1.49	-22.68	11	Pass
NVNT	ac80	5610	Ant1	-22.61	1.49	-21.12	11	Pass
NVNT	ac80	5530	Ant2	-18.49	1.49	-17	11	Pass
NVNT	ac80	5610	Ant2	-22.58	1.49	-21.09	11	Pass

Test Graphs
PSD NVNT a 5500MHz Ant1

PSD NVNT a 5600MHz Ant1


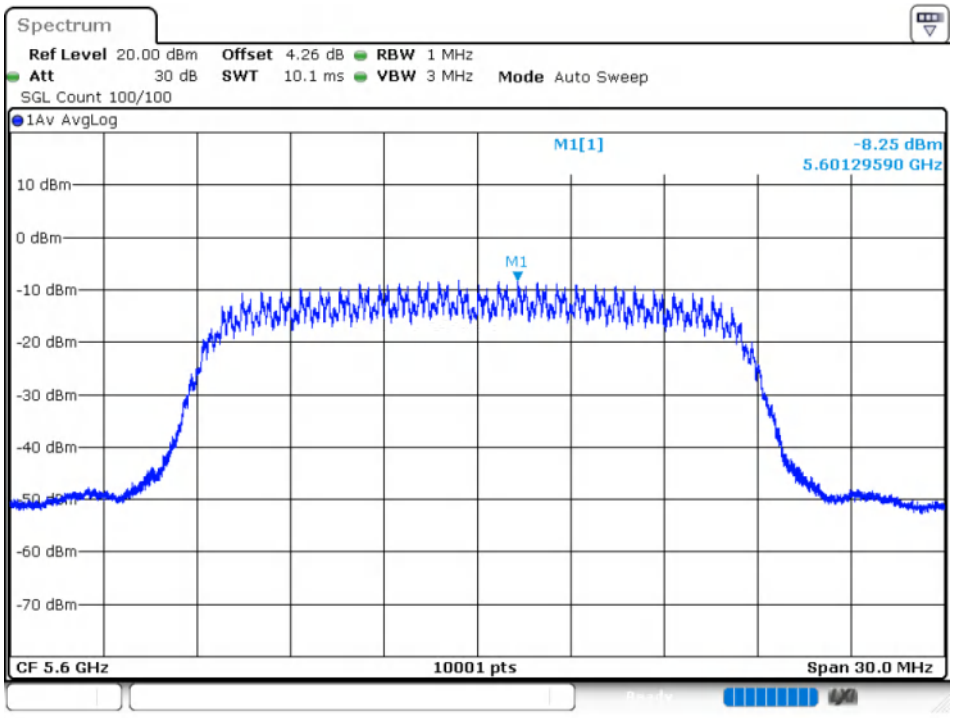
PSD NVNT a 5700MHz Ant1



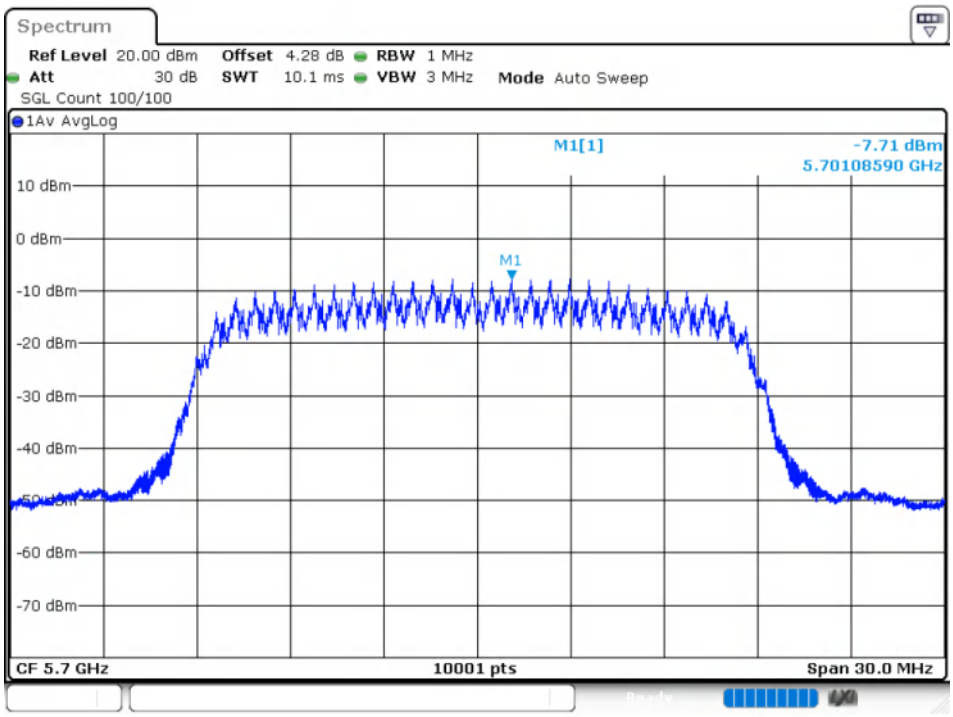
PSD NVNT a 5500MHz Ant2



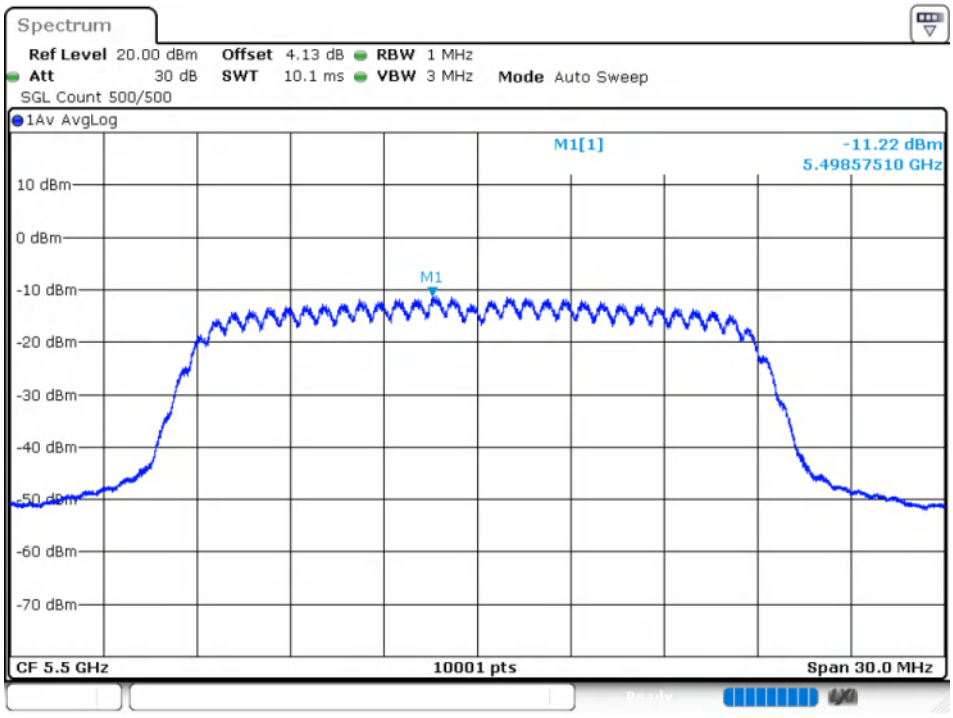
PSD NVNT a 5600MHz Ant2



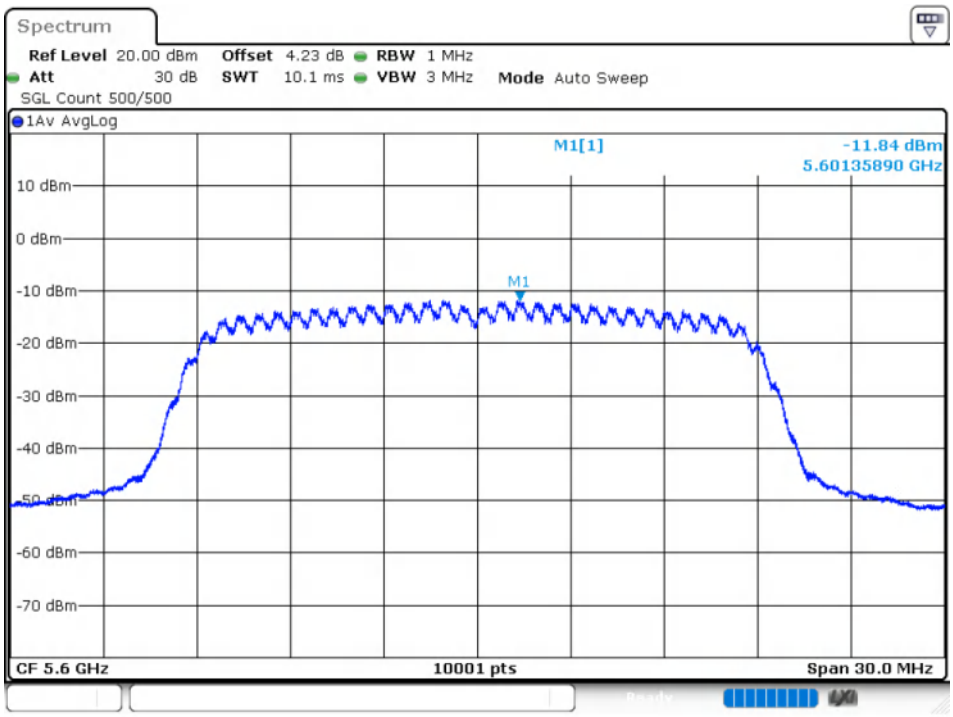
PSD NVNT a 5700MHz Ant2



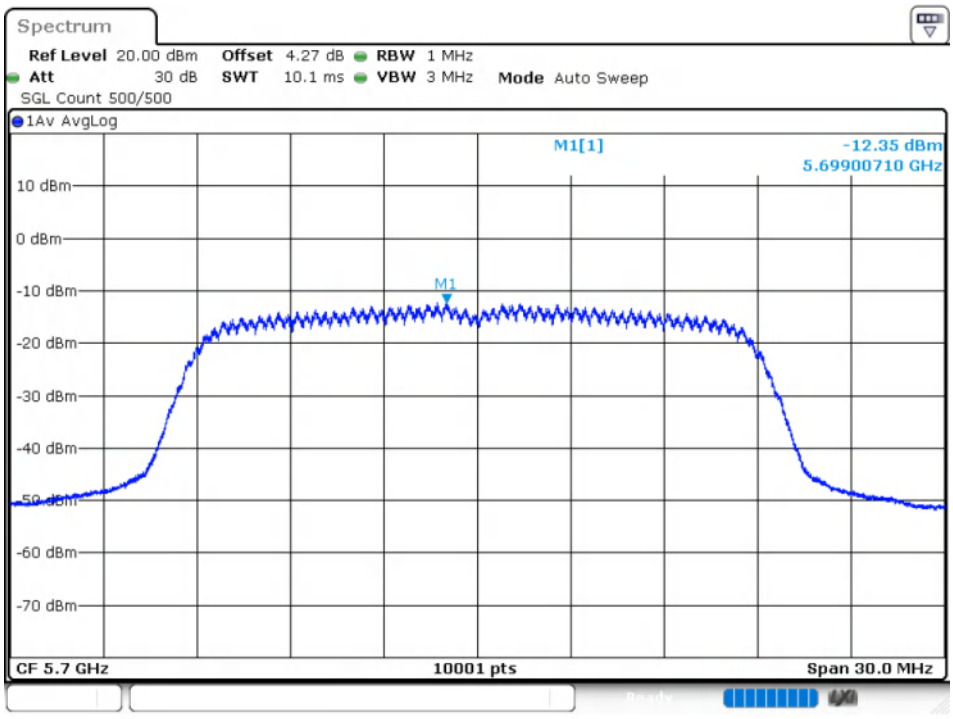
PSD NVNT n20 5500MHz Ant1



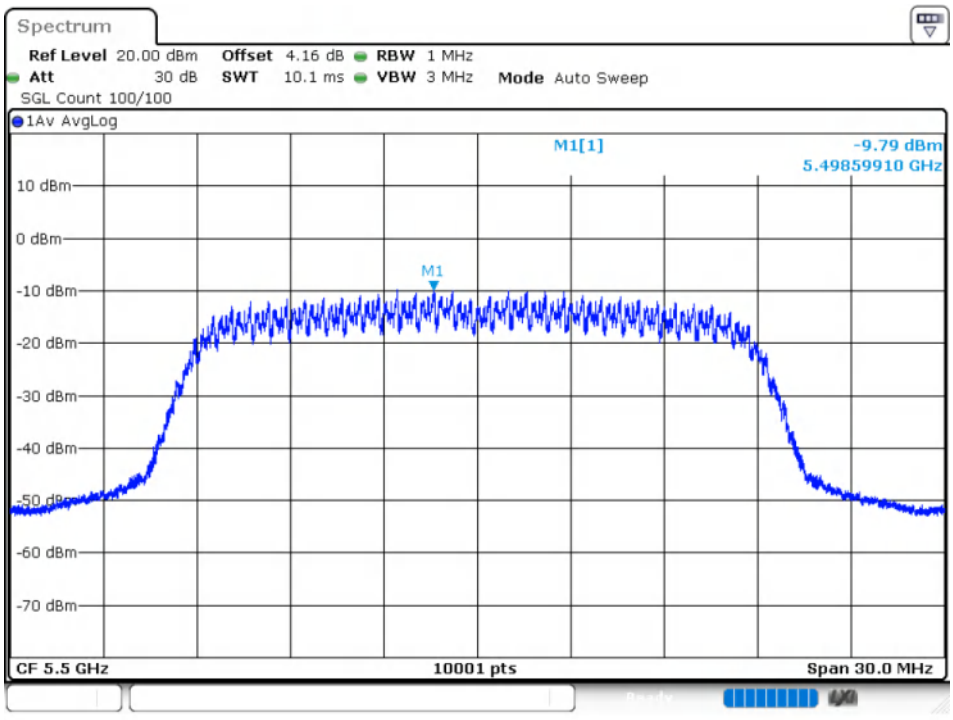
PSD NVNT n20 5600MHz Ant1



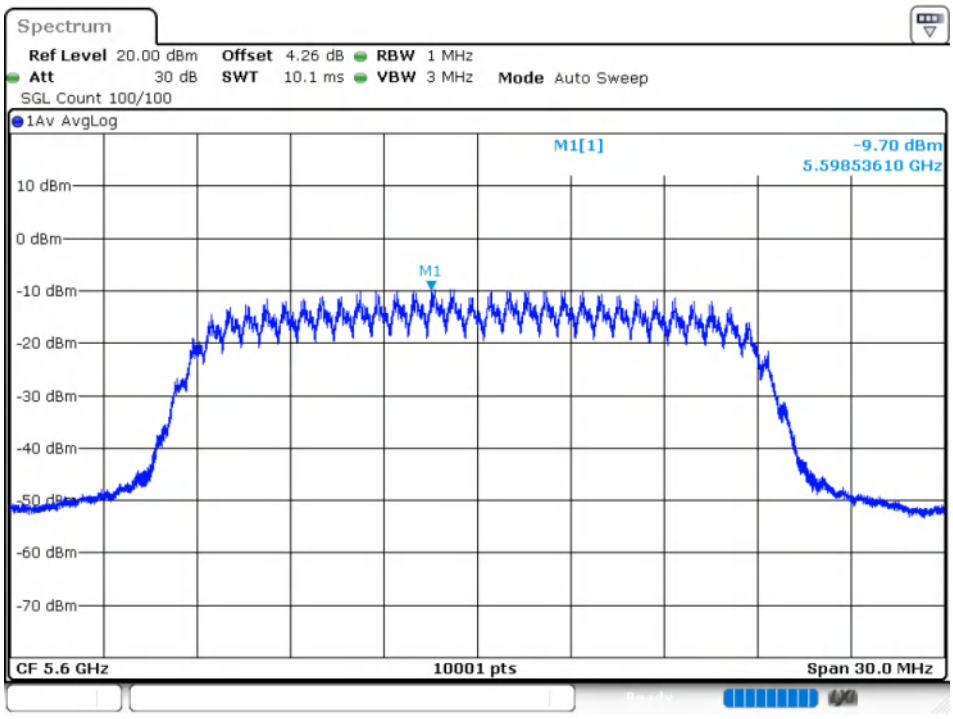
PSD NVNT n20 5700MHz Ant1



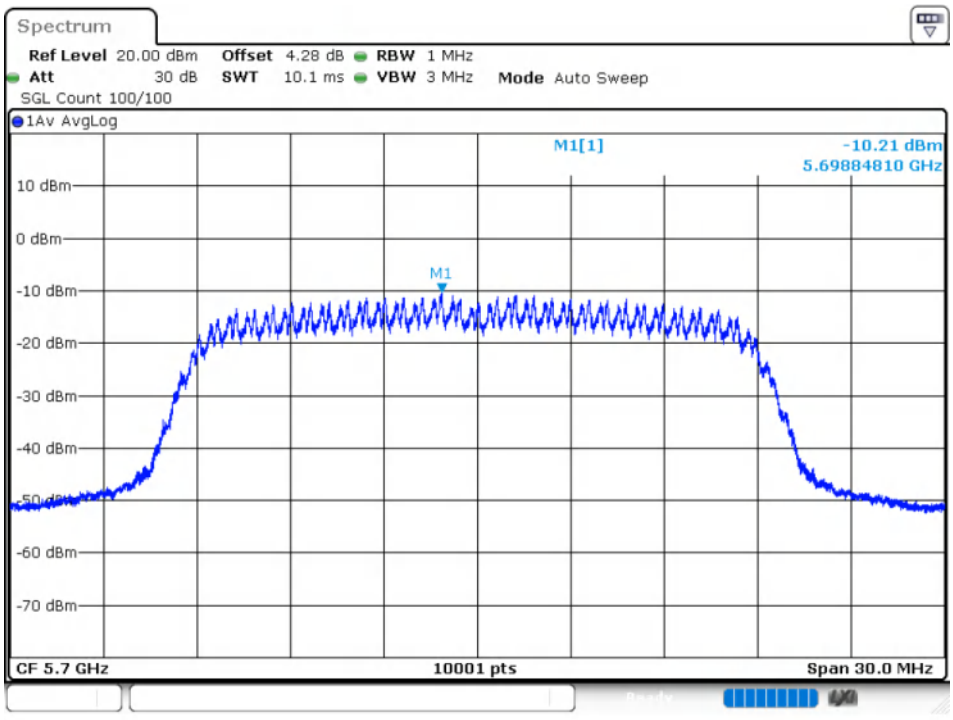
PSD NVNT n20 5500MHz Ant2



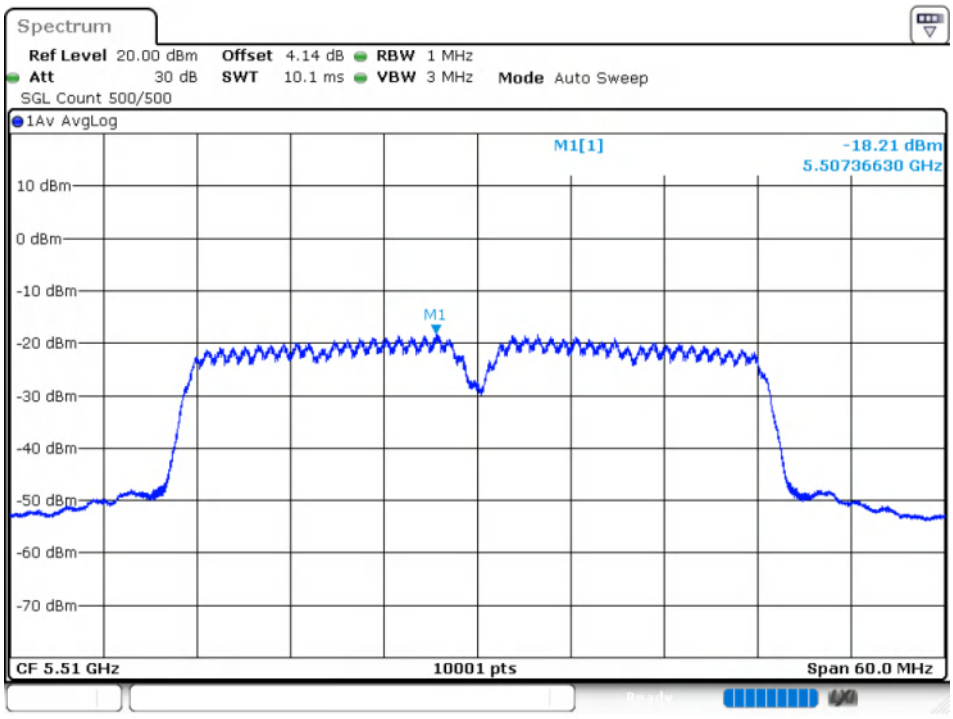
PSD NVNT n20 5600MHz Ant2



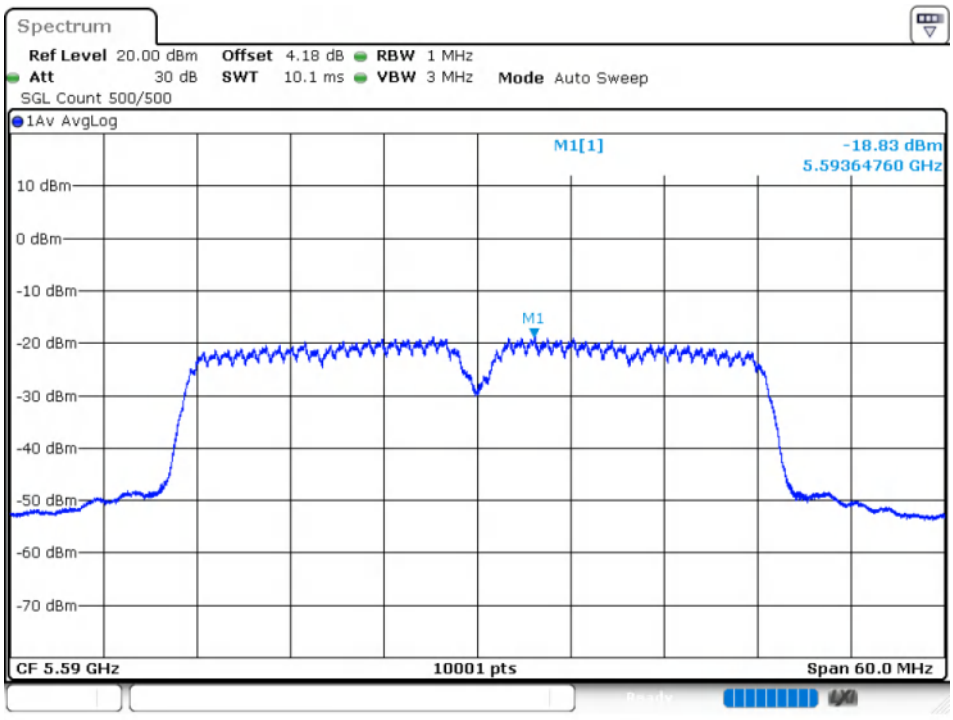
PSD NVNT n20 5700MHz Ant2



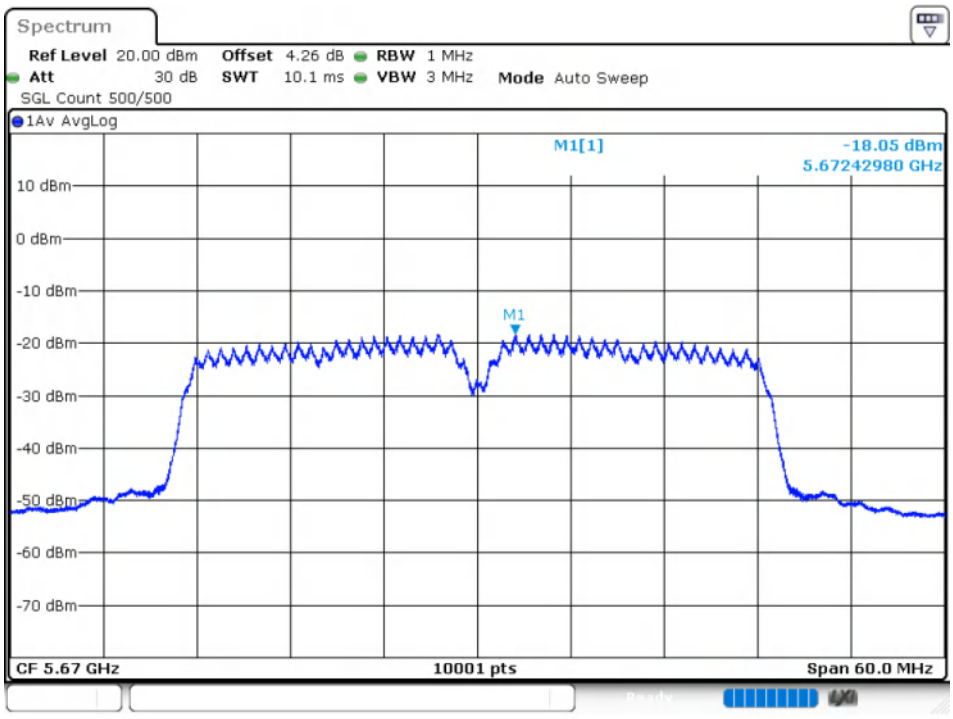
PSD NVNT n40 5510MHz Ant1



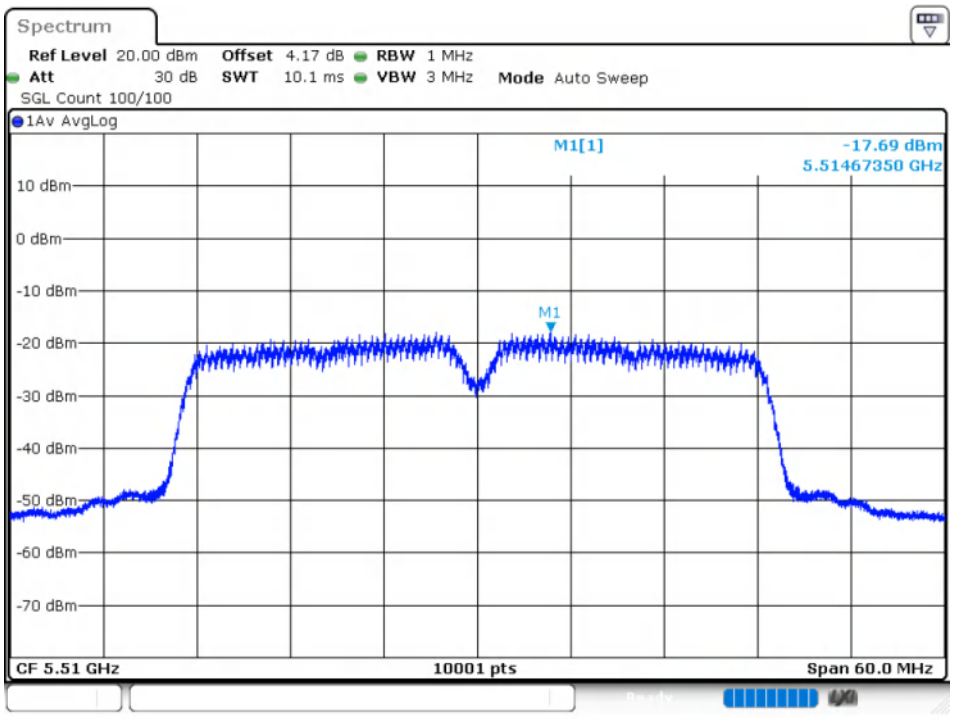
PSD NVNT n40 5590MHz Ant1



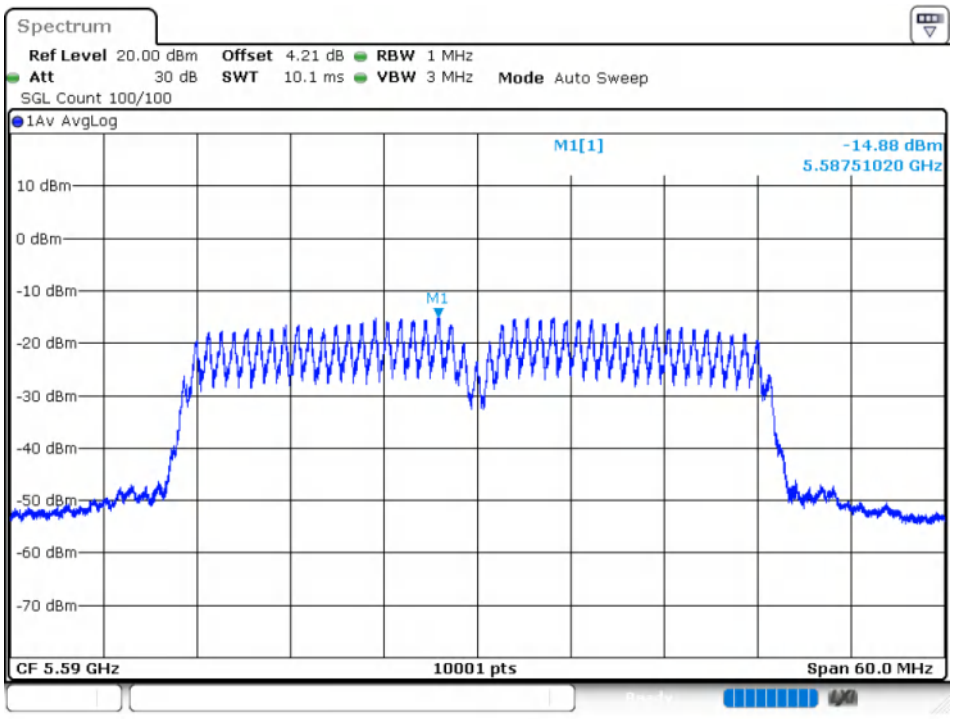
PSD NVNT n40 5670MHz Ant1



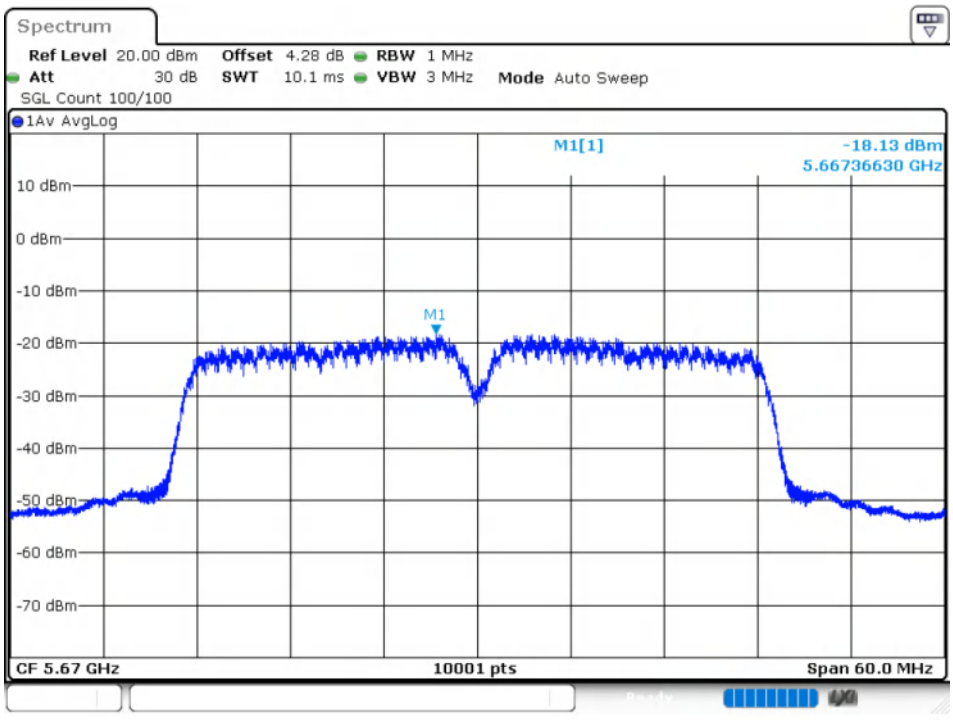
PSD NVNT n40 5510MHz Ant2



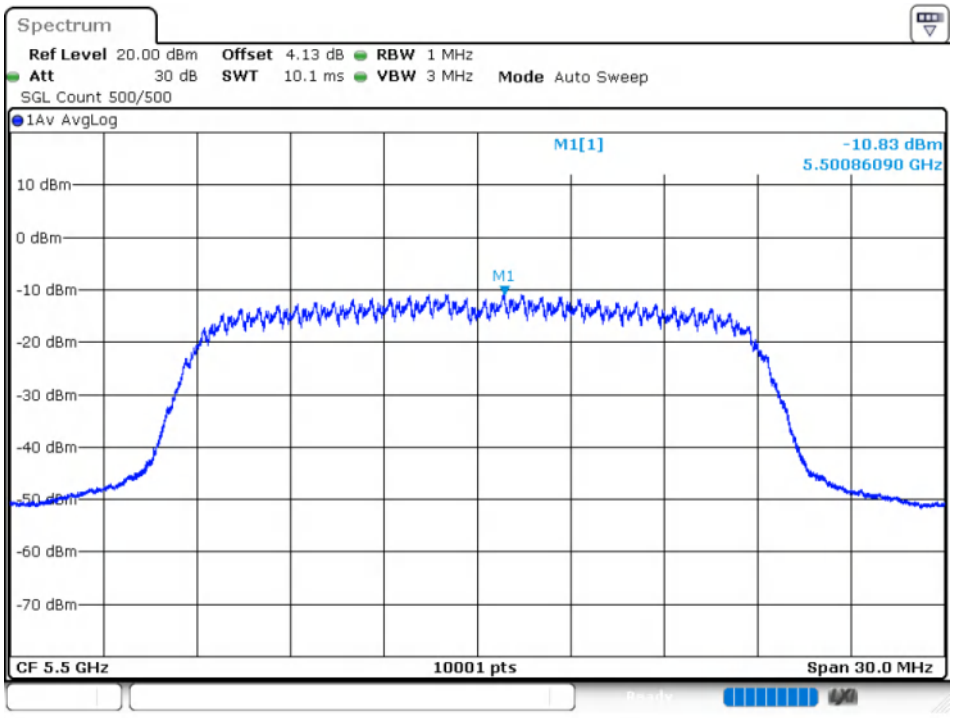
PSD NVNT n40 5590MHz Ant2



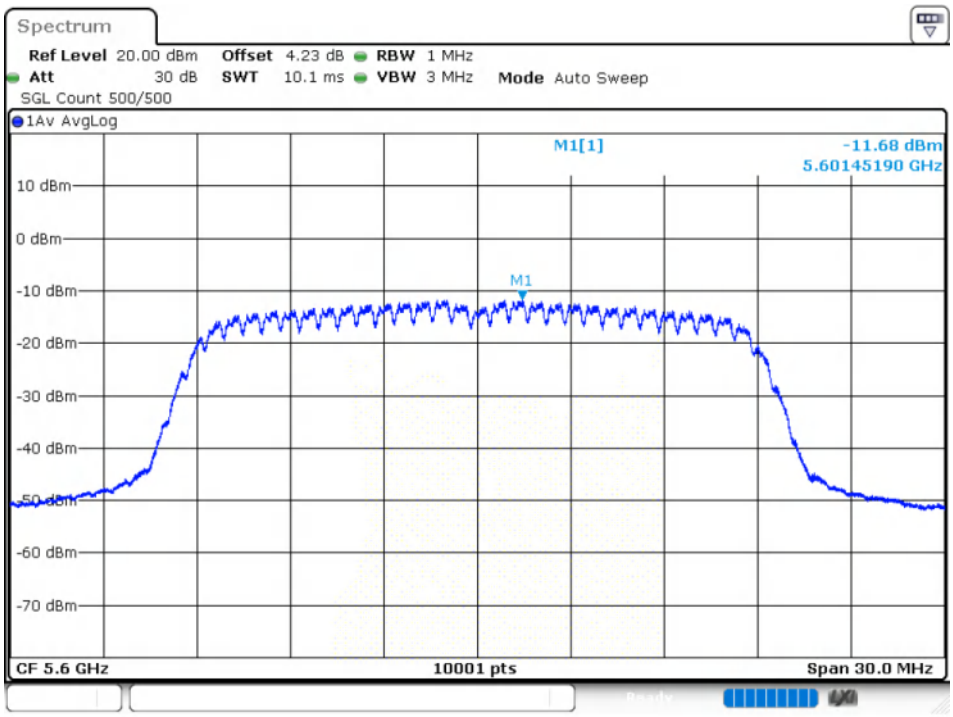
PSD NVNT n40 5670MHz Ant2



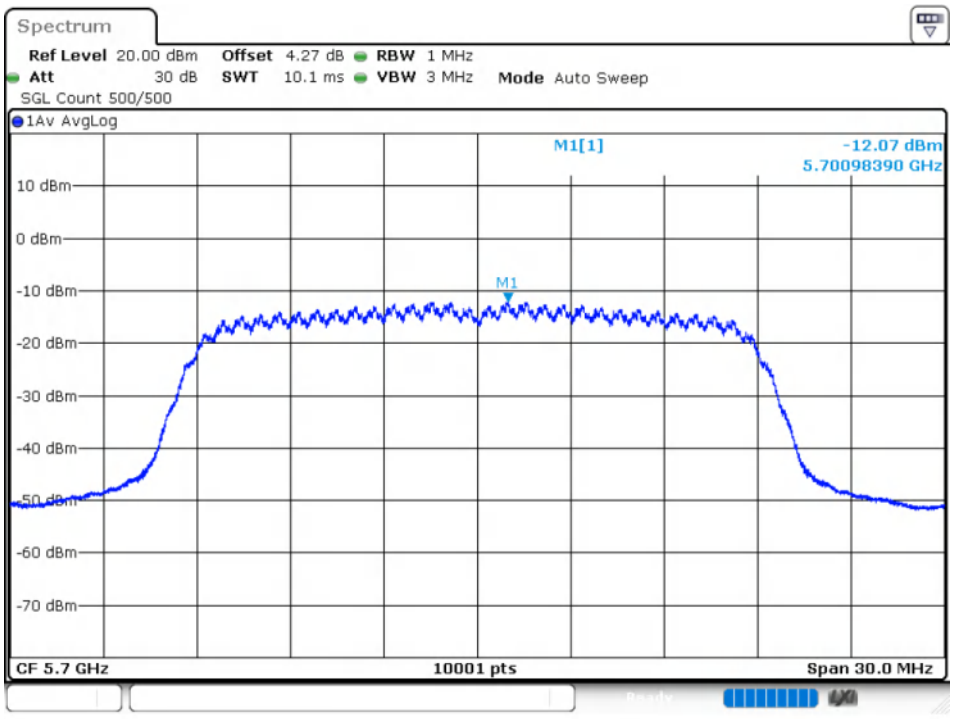
PSD NVNT ac20 5500MHz Ant1



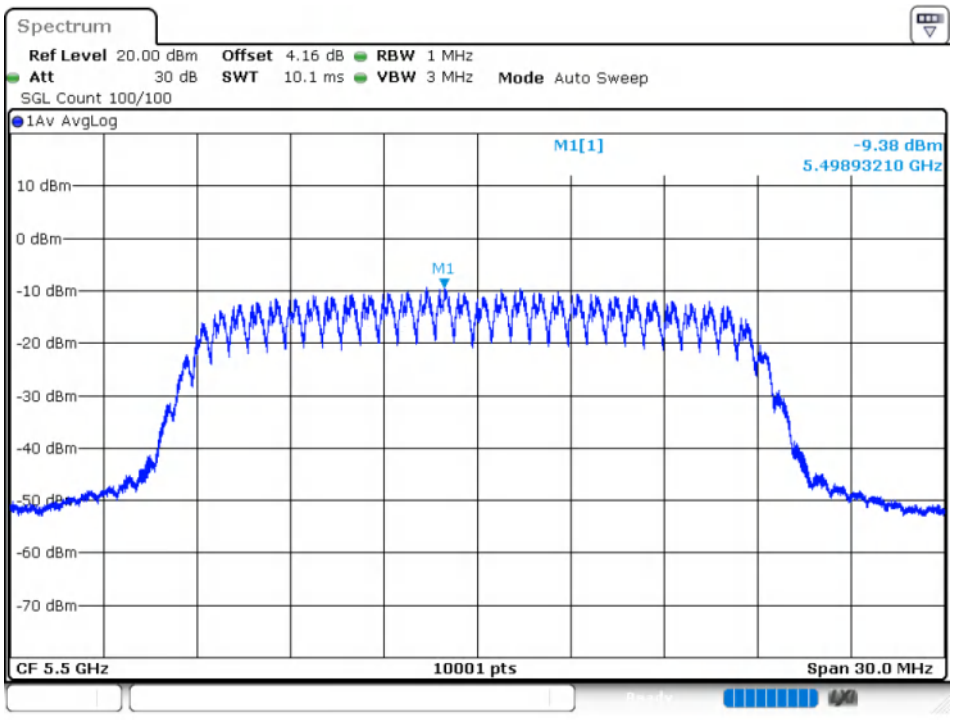
PSD NVNT ac20 5600MHz Ant1



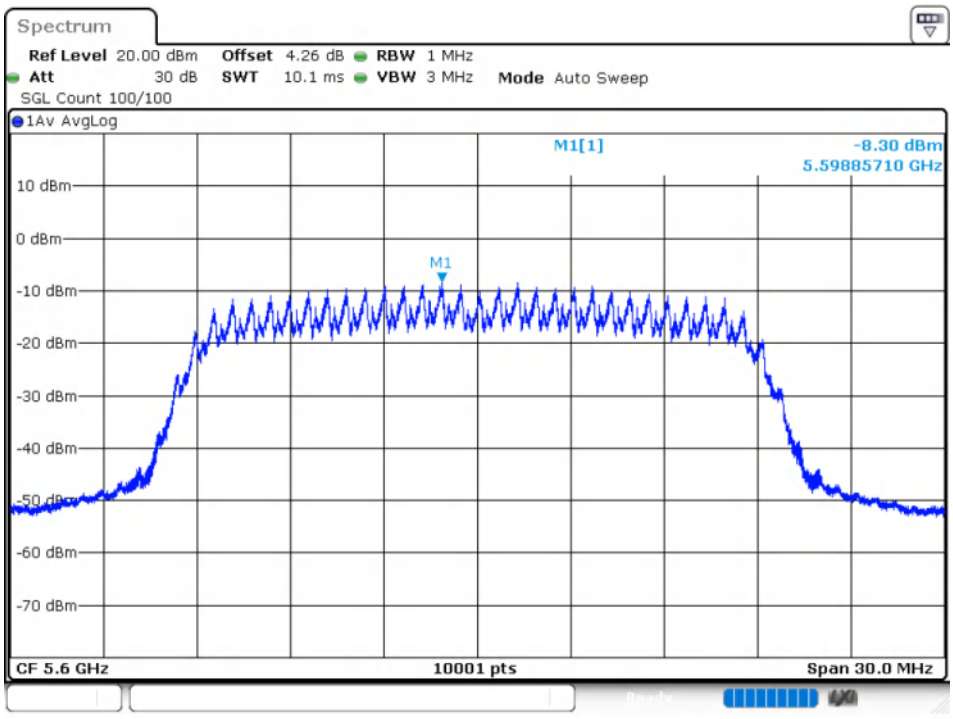
PSD NVNT ac20 5700MHz Ant1



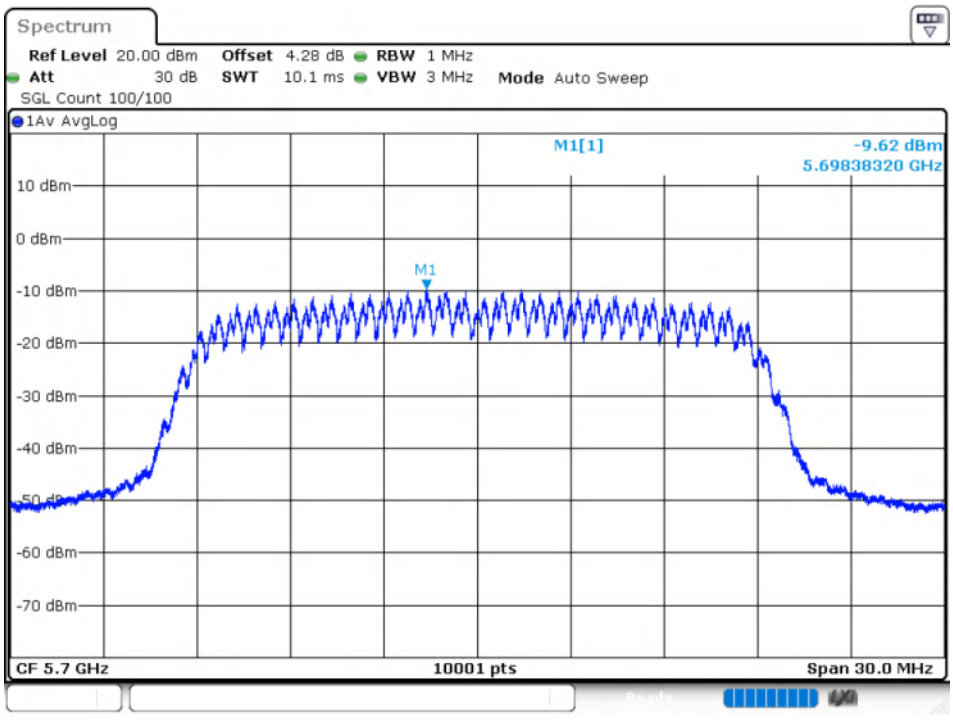
PSD NVNT ac20 5500MHz Ant2



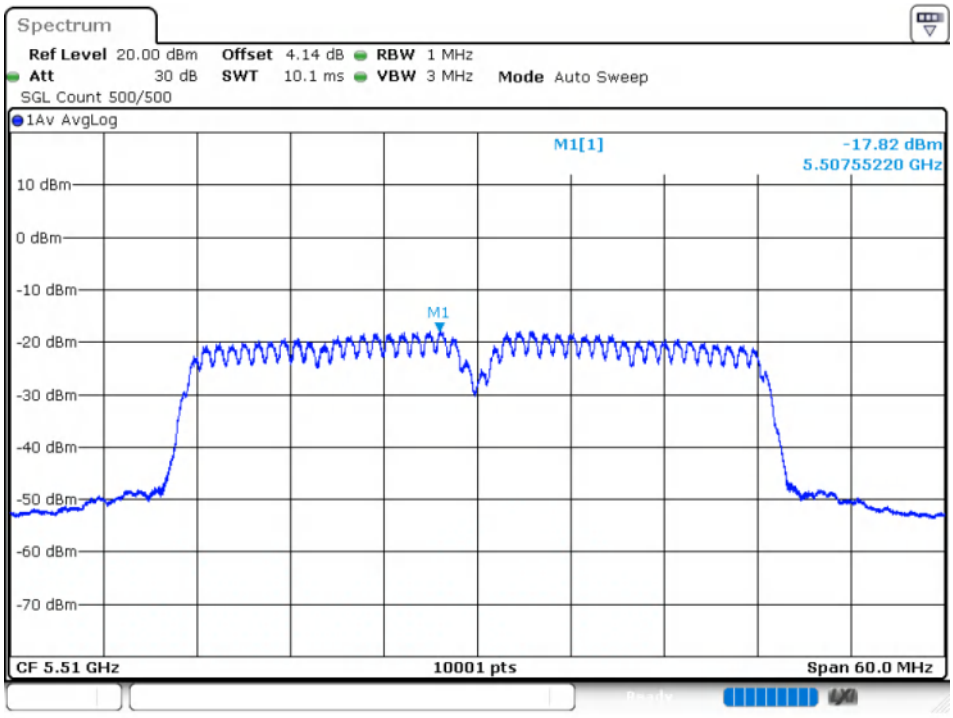
PSD NVNT ac20 5600MHz Ant2



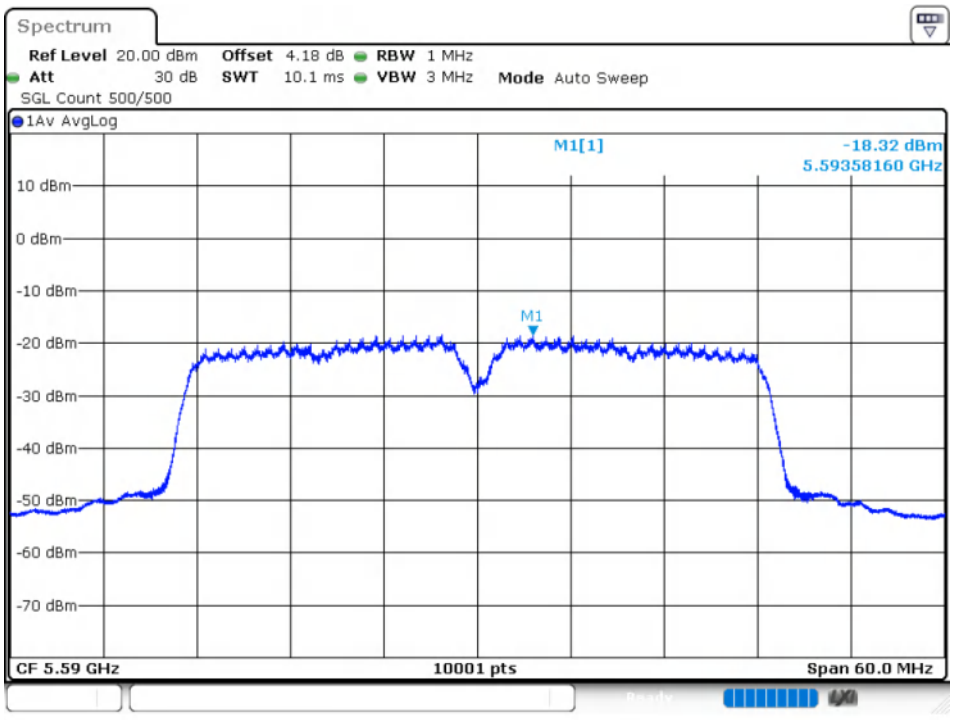
PSD NVNT ac20 5700MHz Ant2



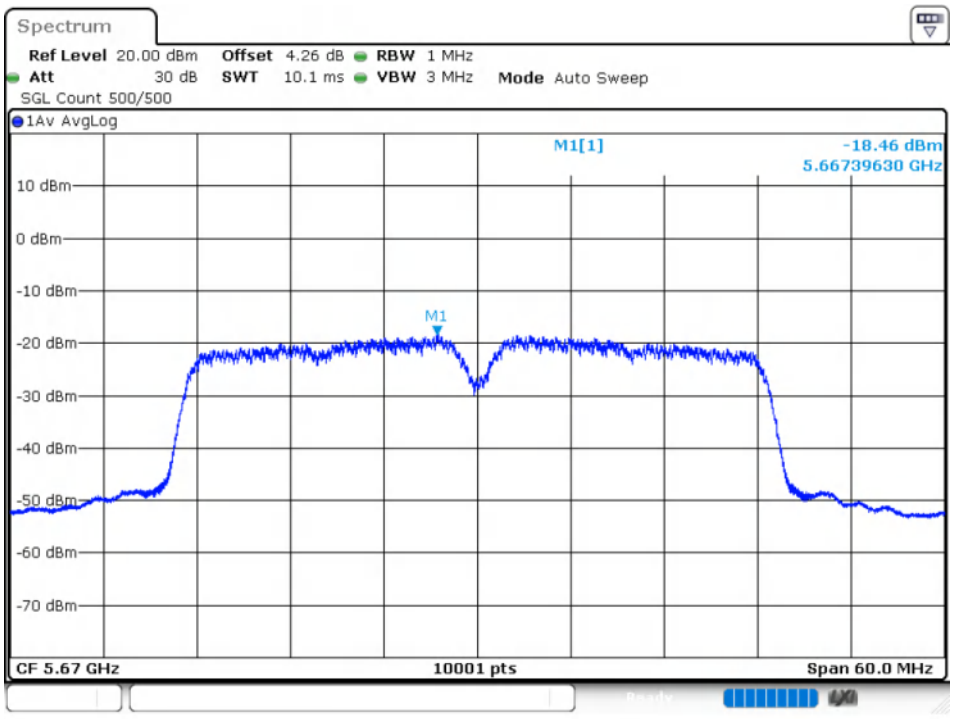
PSD NVNT ac40 5510MHz Ant1



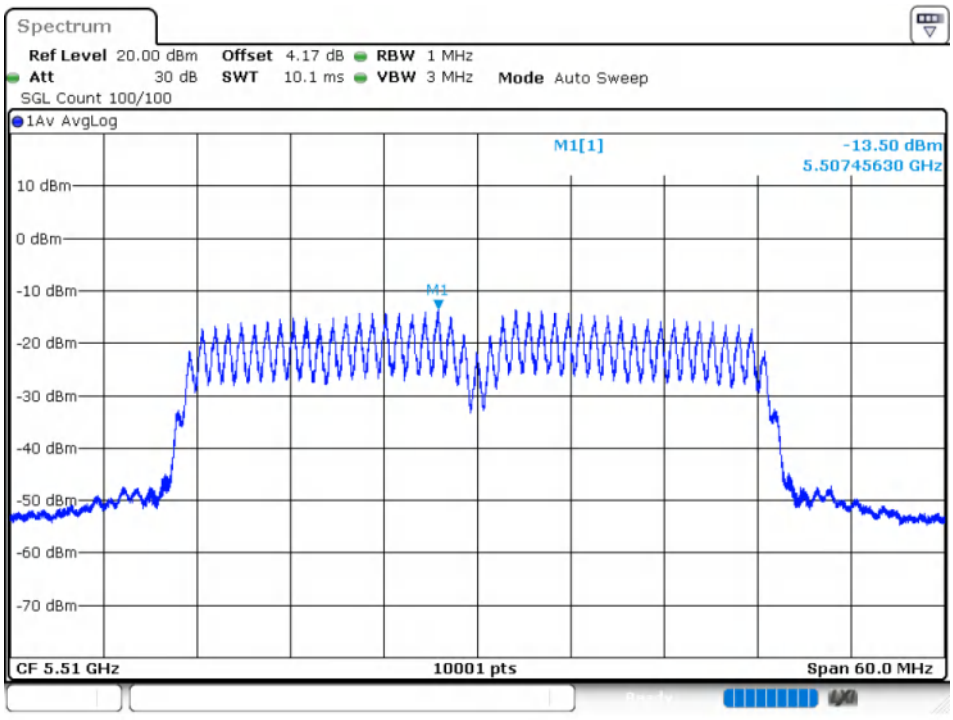
PSD NVNT ac40 5590MHz Ant1



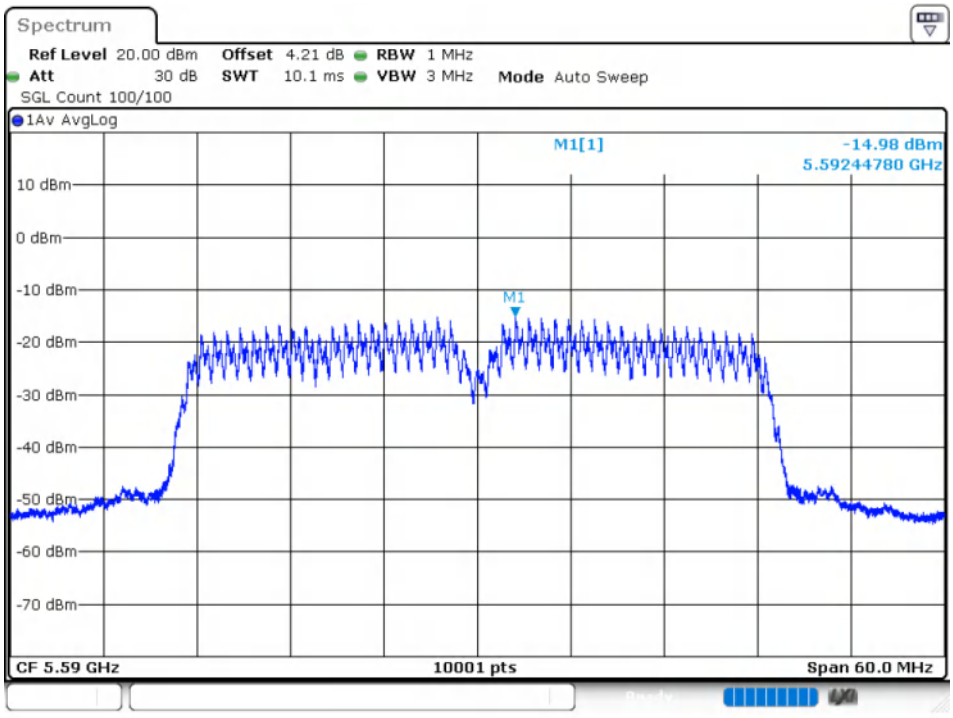
PSD NVNT ac40 5670MHz Ant1



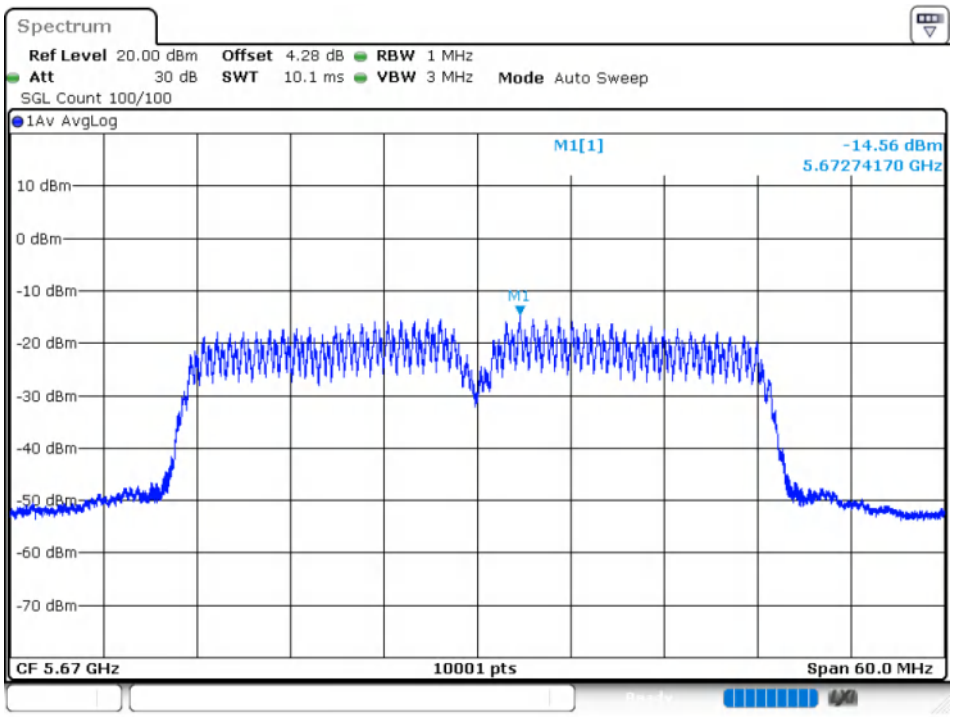
PSD NVNT ac40 5510MHz Ant2



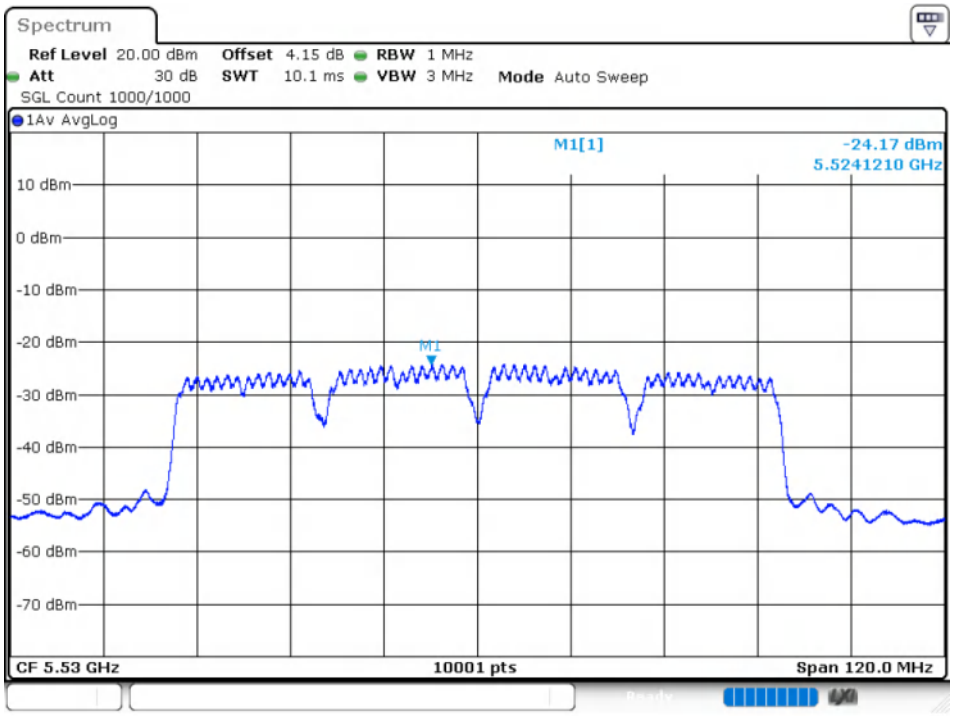
PSD NVNT ac40 5590MHz Ant2



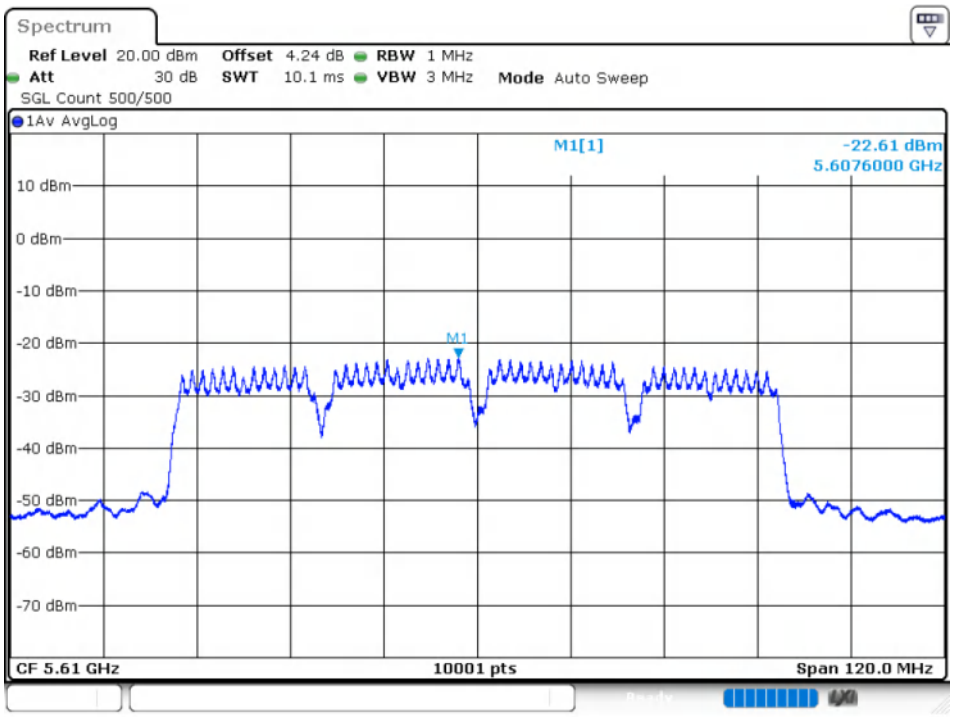
PSD NVNT ac40 5670MHz Ant2



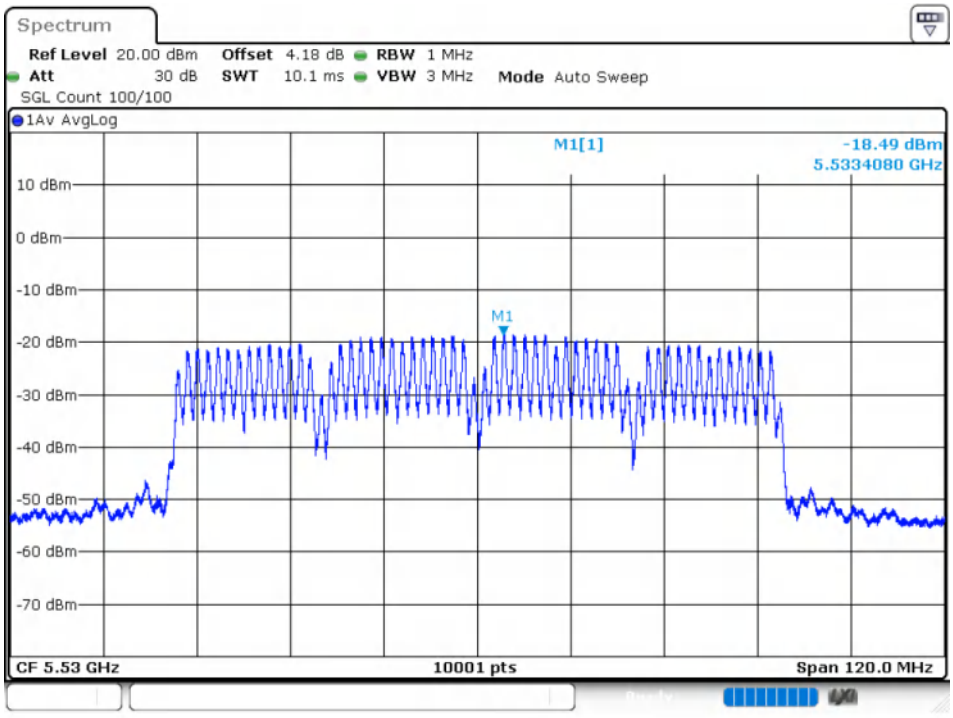
PSD NVNT ac80 5530MHz Ant1



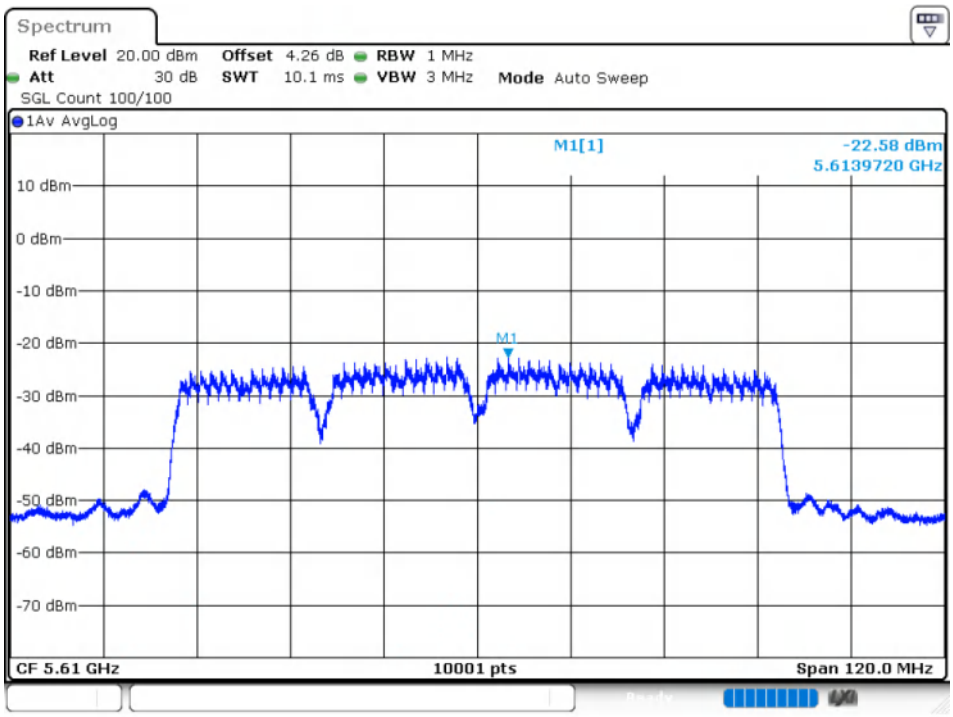
PSD NVNT ac80 5610MHz Ant1



PSD NVNT ac80 5530MHz Ant2



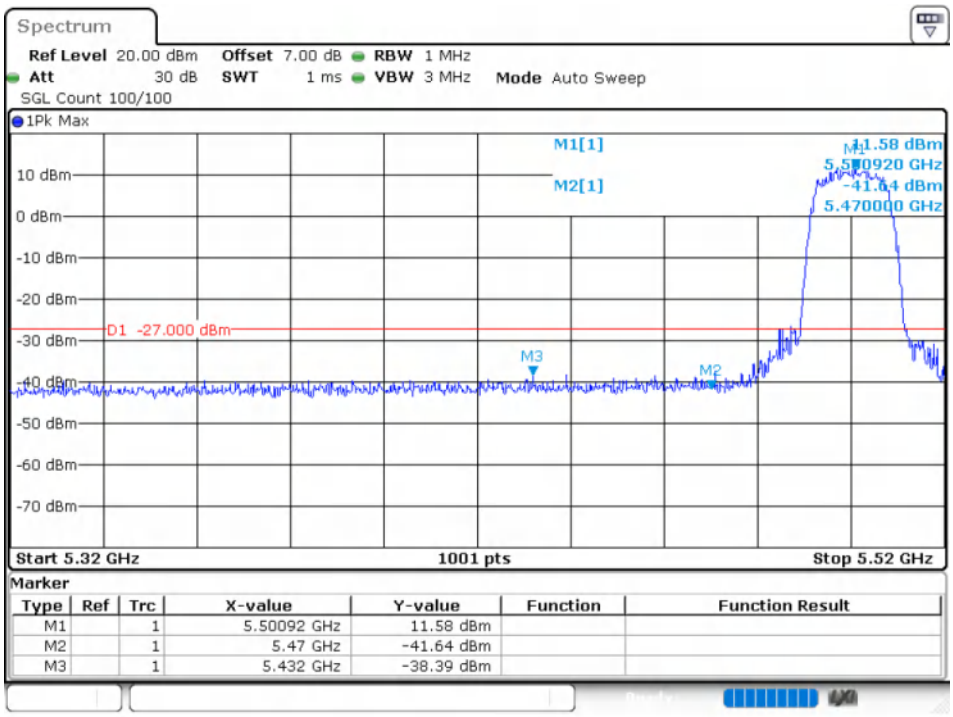
PSD NVNT ac80 5610MHz Ant2



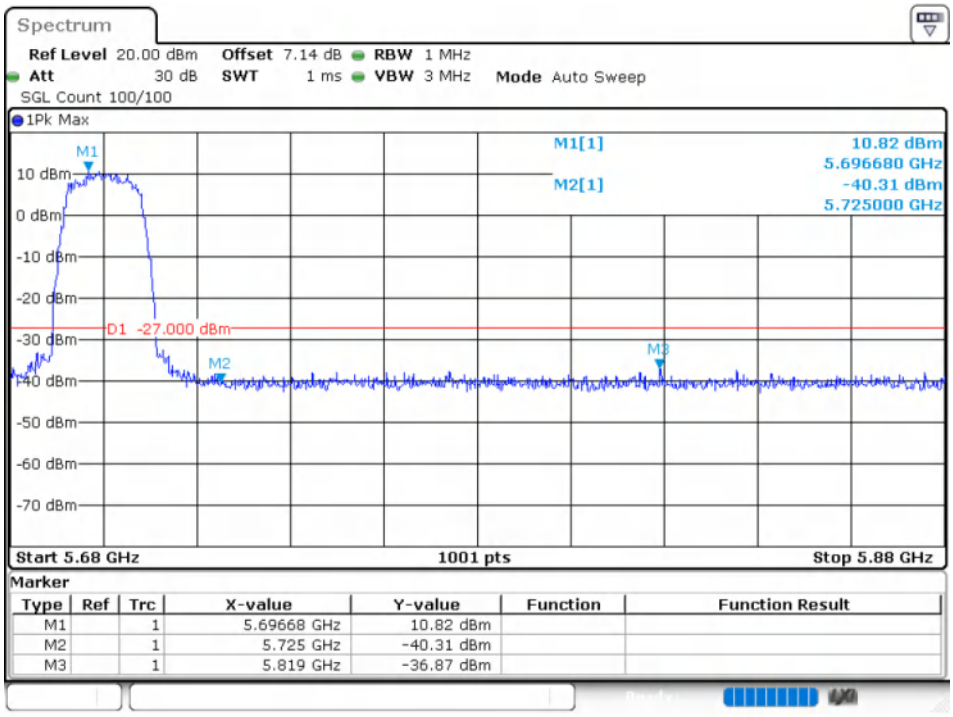
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-38.38	-27	Pass
NVNT	a	5700	Ant1	-36.86	-27	Pass
NVNT	a	5500	Ant2	-38.71	-27	Pass
NVNT	a	5700	Ant2	-37.55	-27	Pass
NVNT	n20	5500	Ant1	-37.69	-27	Pass
NVNT	n20	5700	Ant1	-37.02	-27	Pass
NVNT	n20	5500	Ant2	-38.66	-27	Pass
NVNT	n20	5700	Ant2	-37.51	-27	Pass
NVNT	n40	5510	Ant1	-38.09	-27	Pass
NVNT	n40	5670	Ant1	-37.61	-27	Pass
NVNT	n40	5510	Ant2	-39.33	-27	Pass
NVNT	n40	5670	Ant2	-37.37	-27	Pass
NVNT	ac20	5500	Ant1	-39.15	-27	Pass
NVNT	ac20	5700	Ant1	-37.16	-27	Pass
NVNT	ac20	5500	Ant2	-38.15	-27	Pass
NVNT	ac20	5700	Ant2	-37.33	-27	Pass
NVNT	ac40	5510	Ant1	-38.91	-27	Pass
NVNT	ac40	5670	Ant1	-38.26	-27	Pass
NVNT	ac40	5510	Ant2	-39.08	-27	Pass
NVNT	ac40	5670	Ant2	-38.14	-27	Pass
NVNT	ac80	5530	Ant1	-36.71	-27	Pass
NVNT	ac80	5610	Ant1	-38.96	-27	Pass
NVNT	ac80	5530	Ant2	-37.89	-27	Pass
NVNT	ac80	5610	Ant2	-38.76	-27	Pass

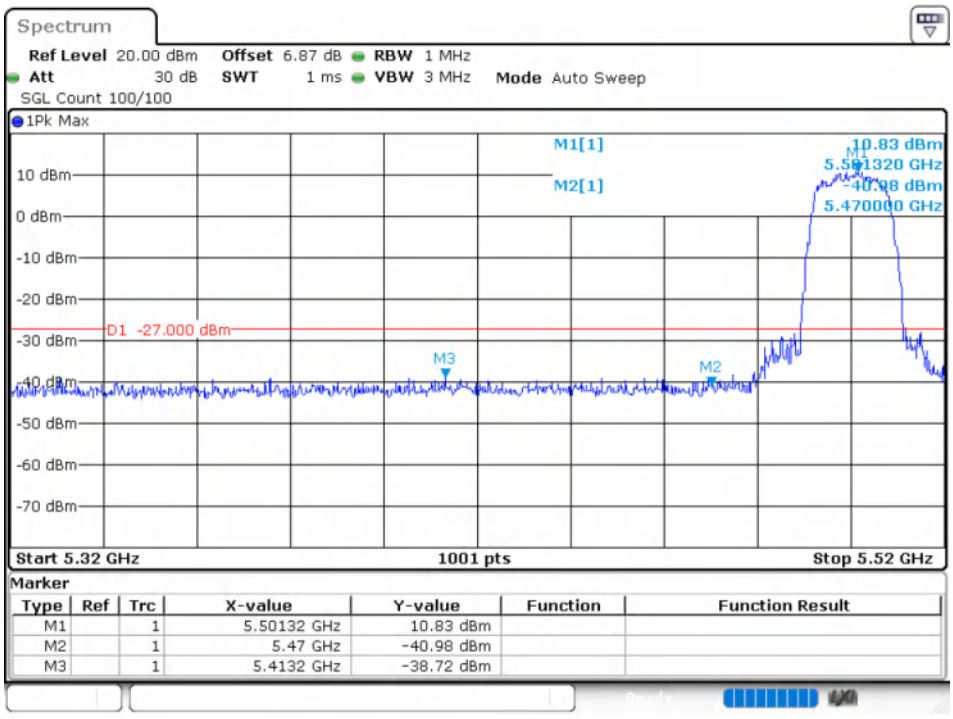
Test Graphs
Band Edge NVNT a 5500MHz Low Ant1



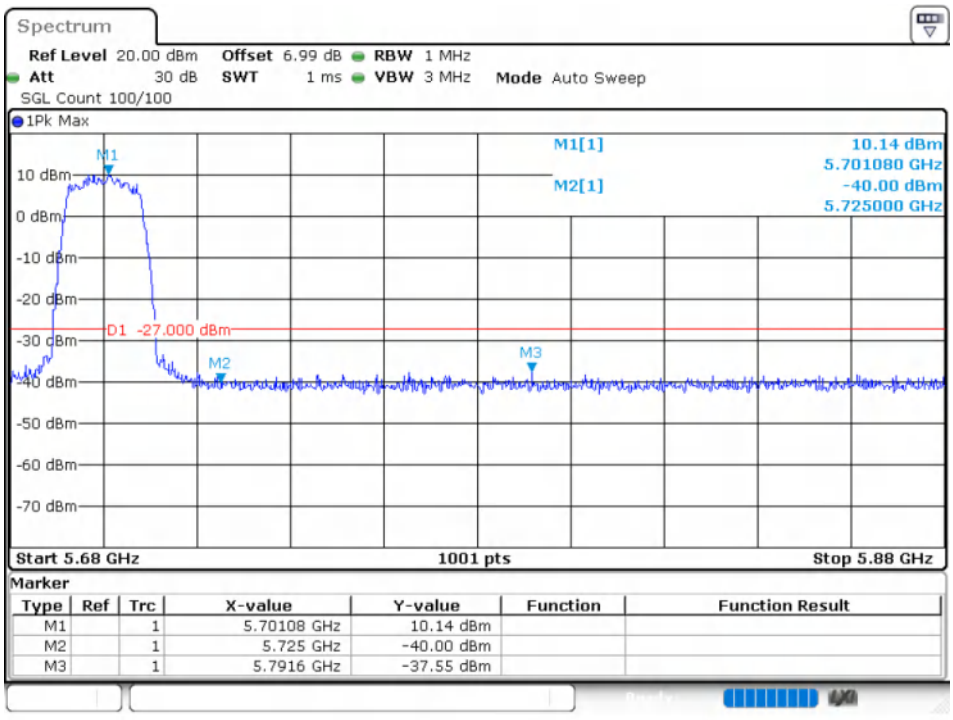
Band Edge NVNT a 5700MHz High Ant1



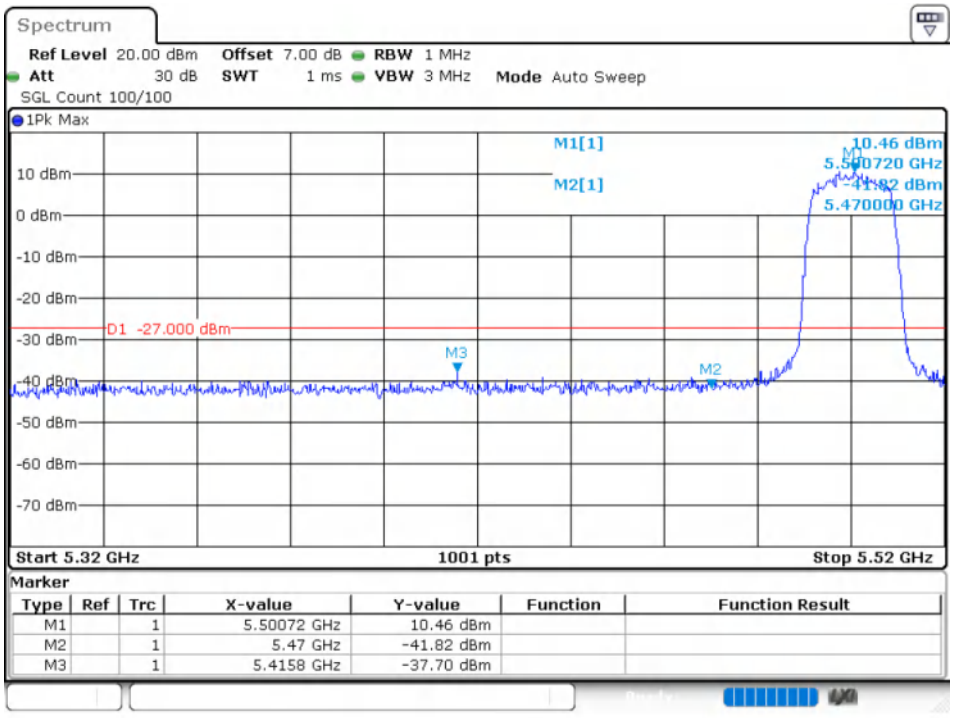
Band Edge NVNT a 5500MHz Low Ant2



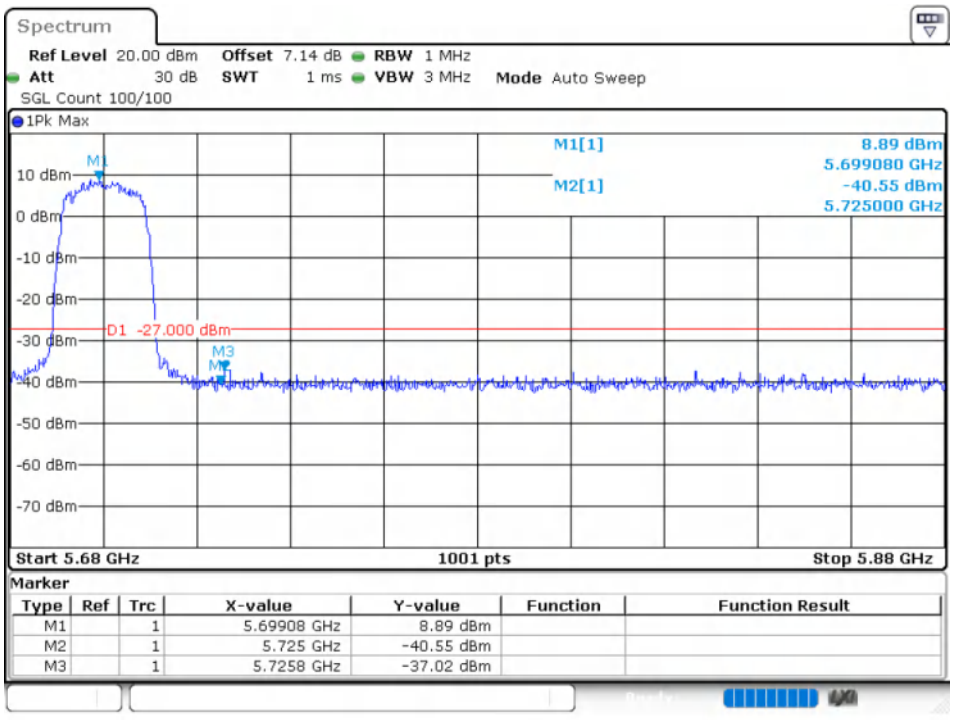
Band Edge NVNT a 5700MHz High Ant2



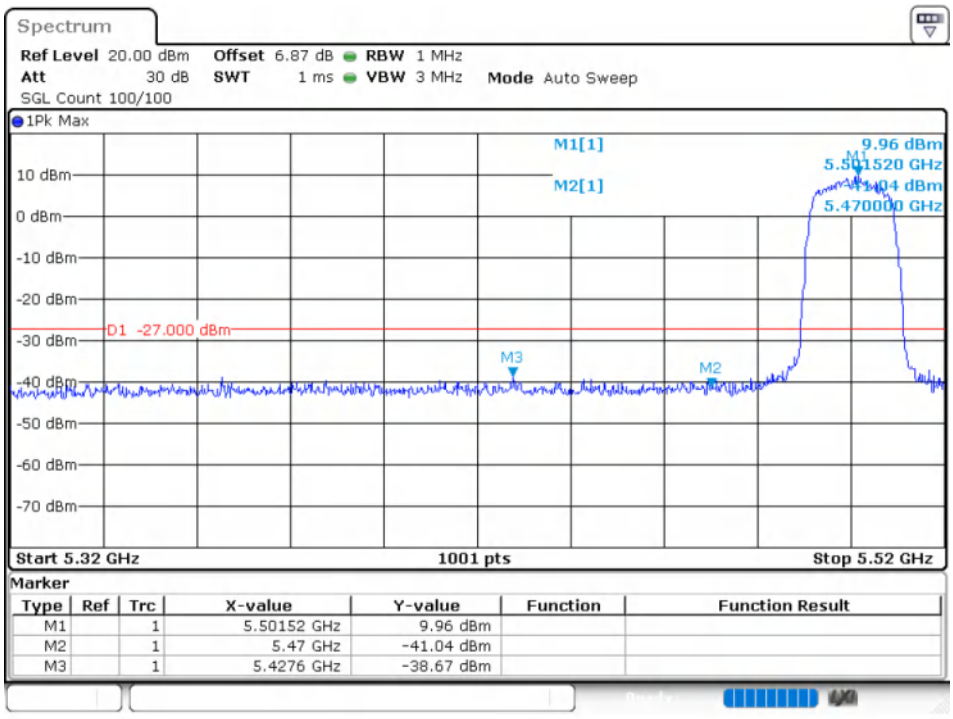
Band Edge NVNT n20 5500MHz Low Ant1



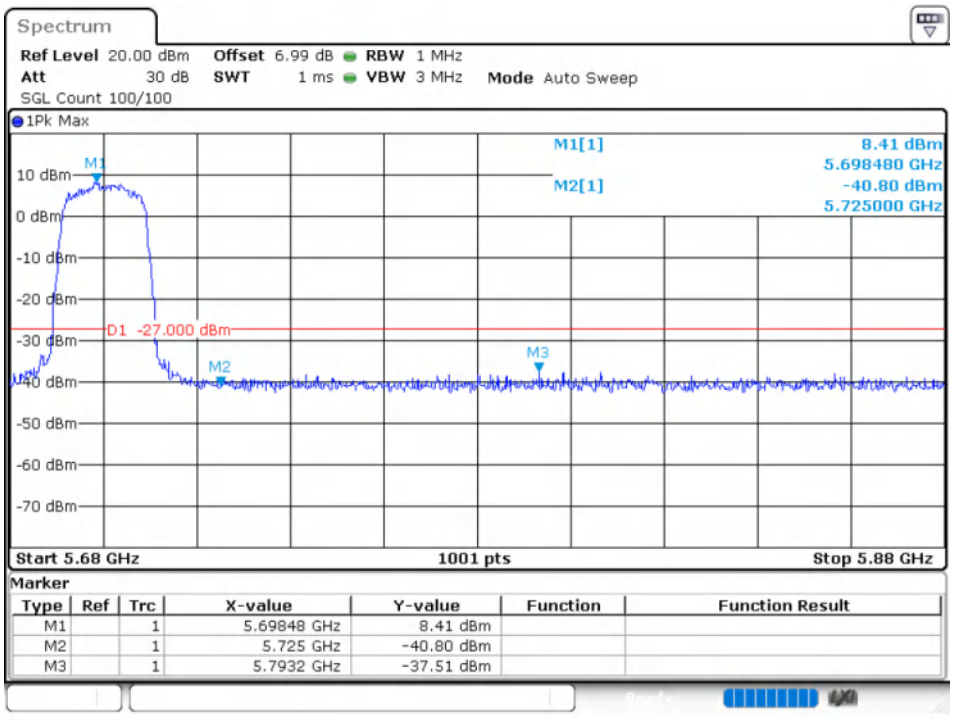
Band Edge NVNT n20 5700MHz High Ant1



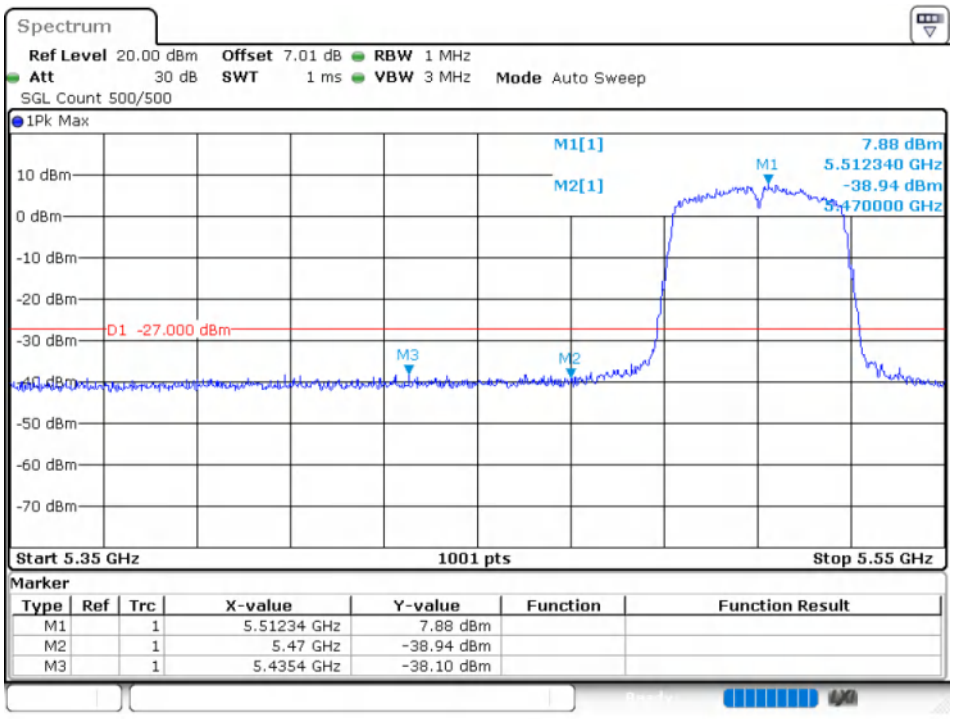
Band Edge NVNT n20 5500MHz Low Ant2



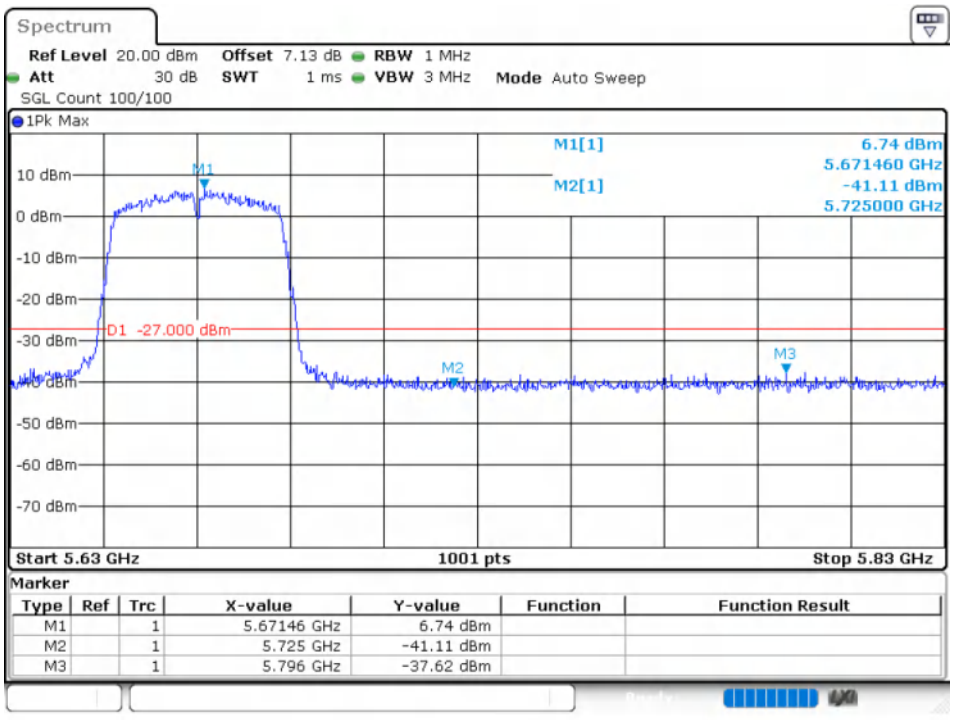
Band Edge NVNT n20 5700MHz High Ant2



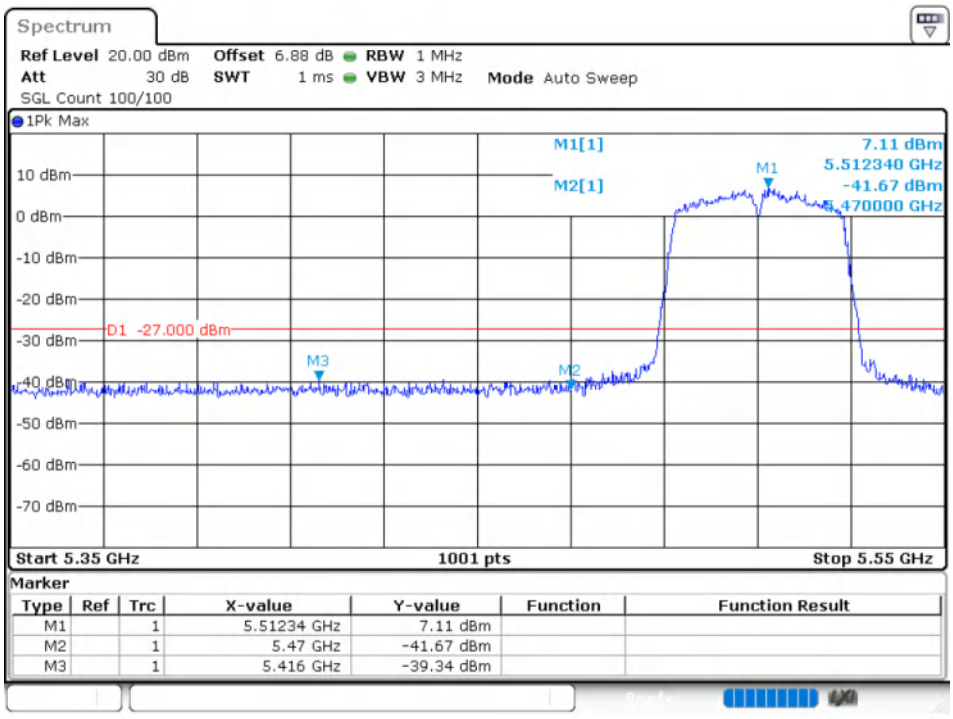
Band Edge NVNT n40 5510MHz Low Ant1



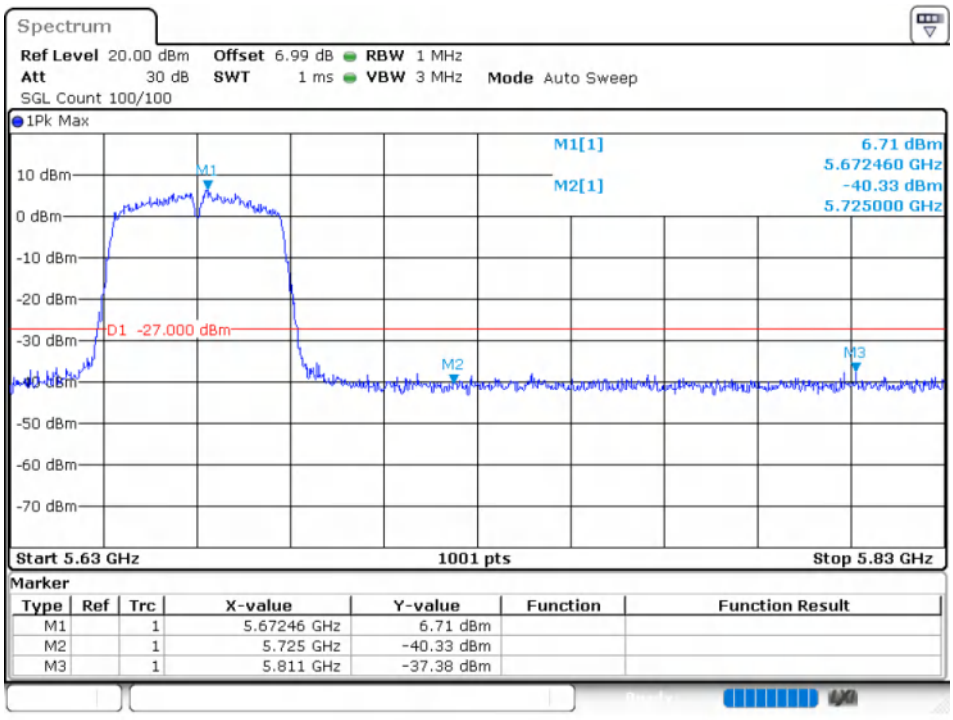
Band Edge NVNT n40 5670MHz High Ant1



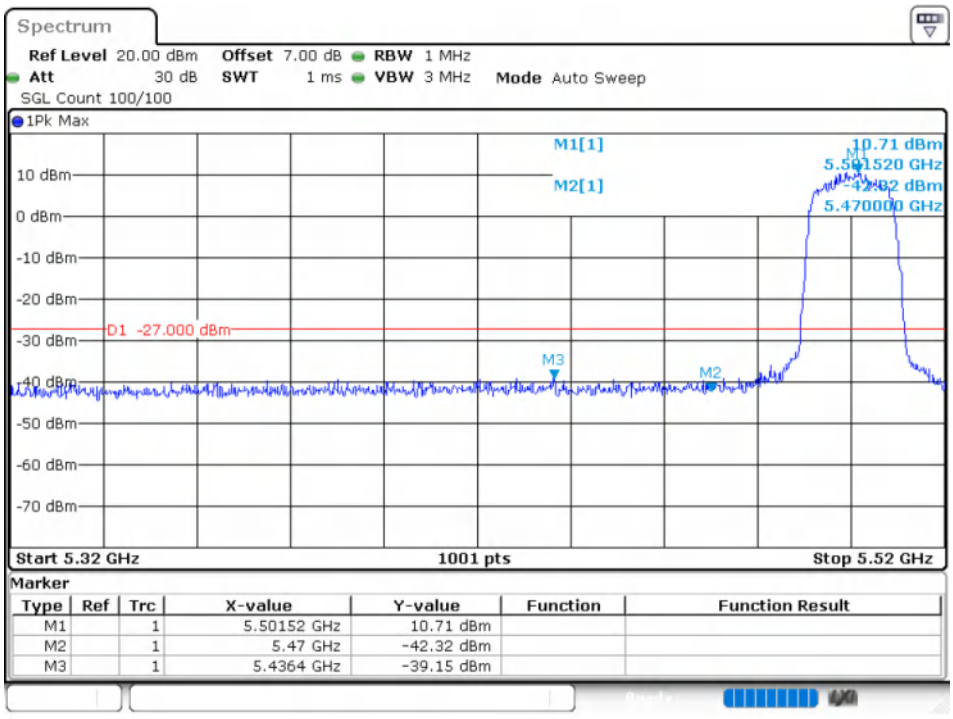
Band Edge NVNT n40 5510MHz Low Ant2



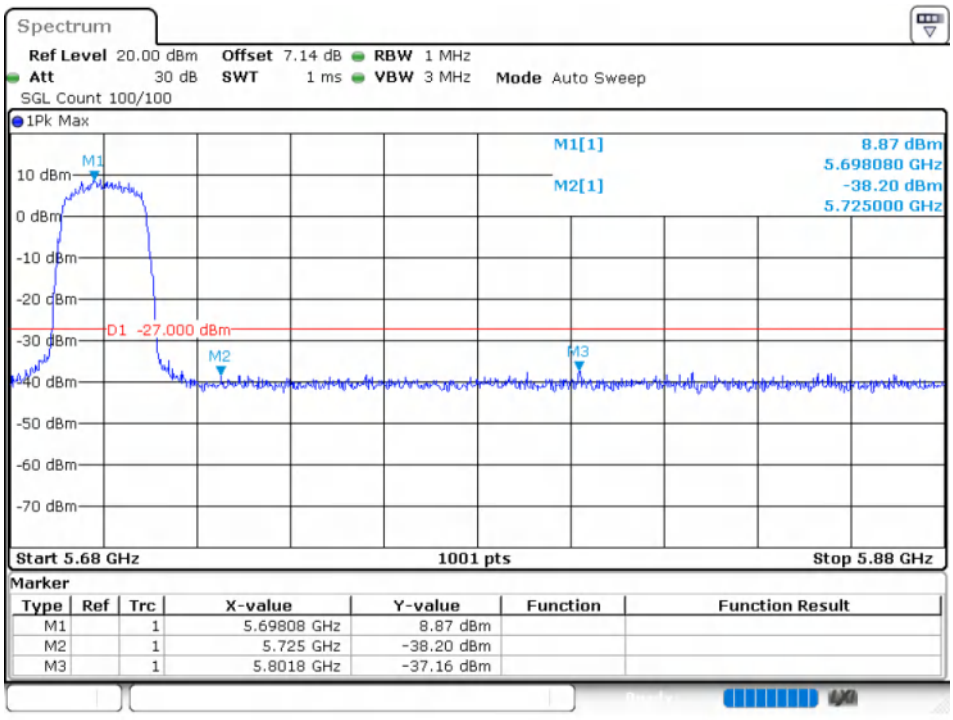
Band Edge NVNT n40 5670MHz High Ant2



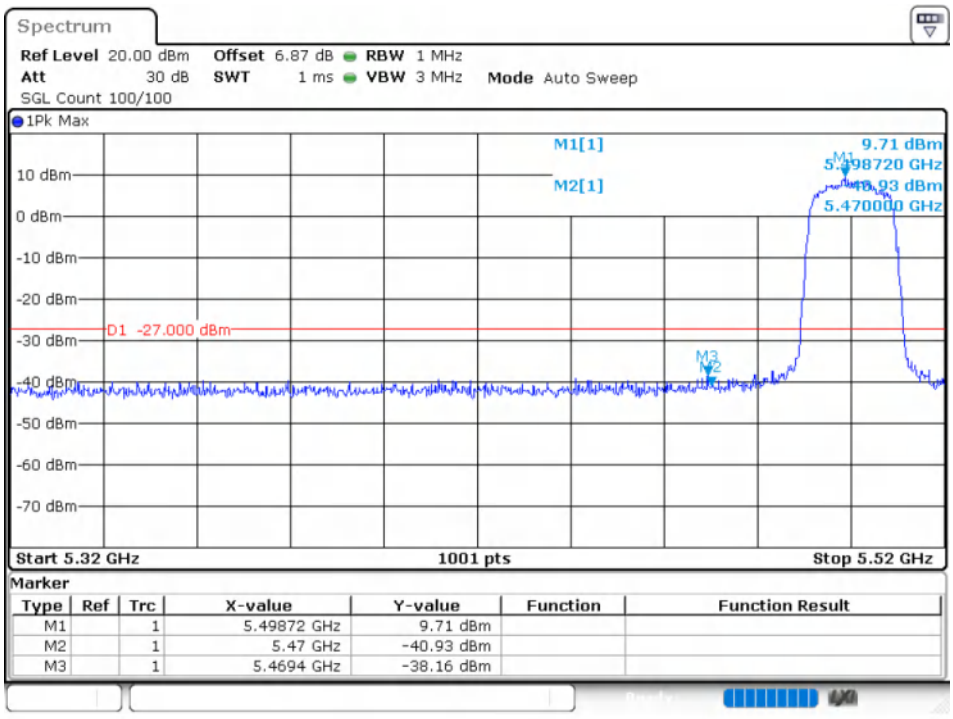
Band Edge NVNT ac20 5500MHz Low Ant1



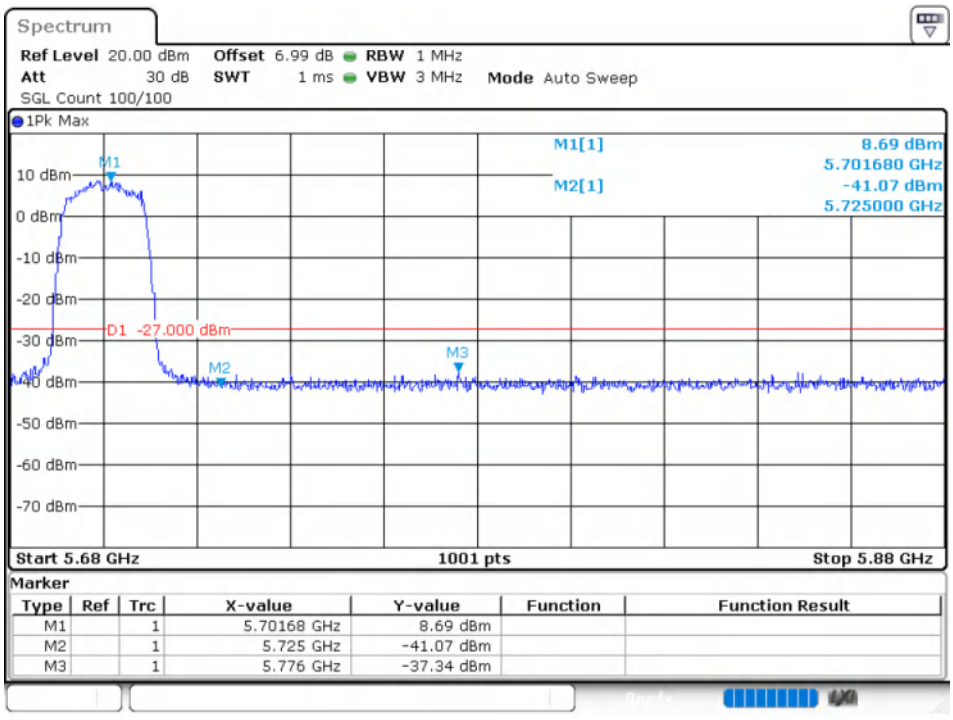
Band Edge NVNT ac20 5700MHz High Ant1



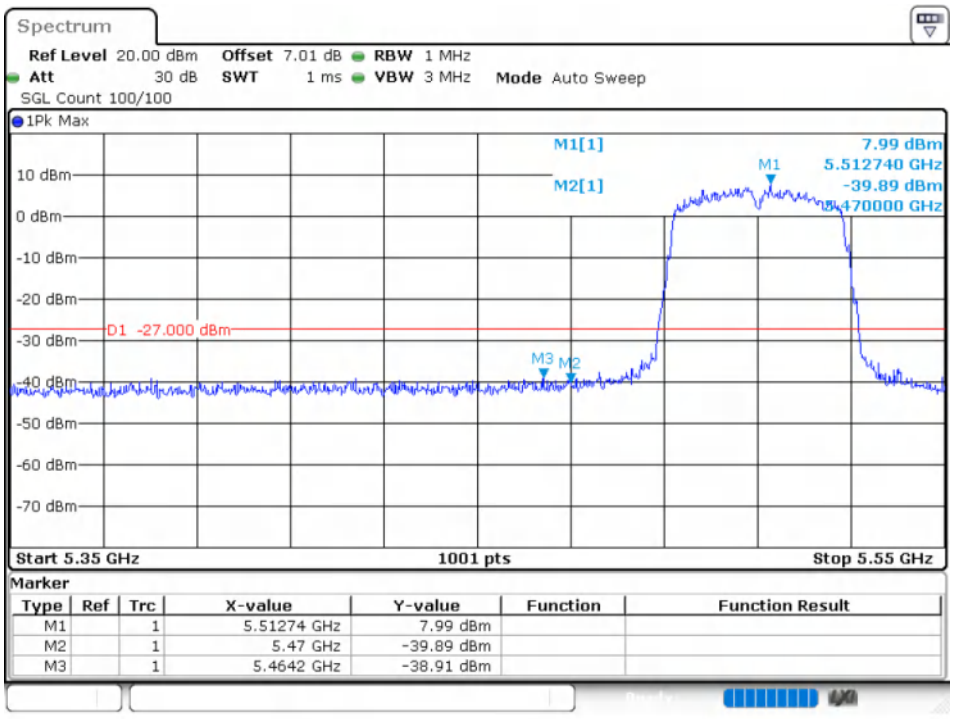
Band Edge NVNT ac20 5500MHz Low Ant2



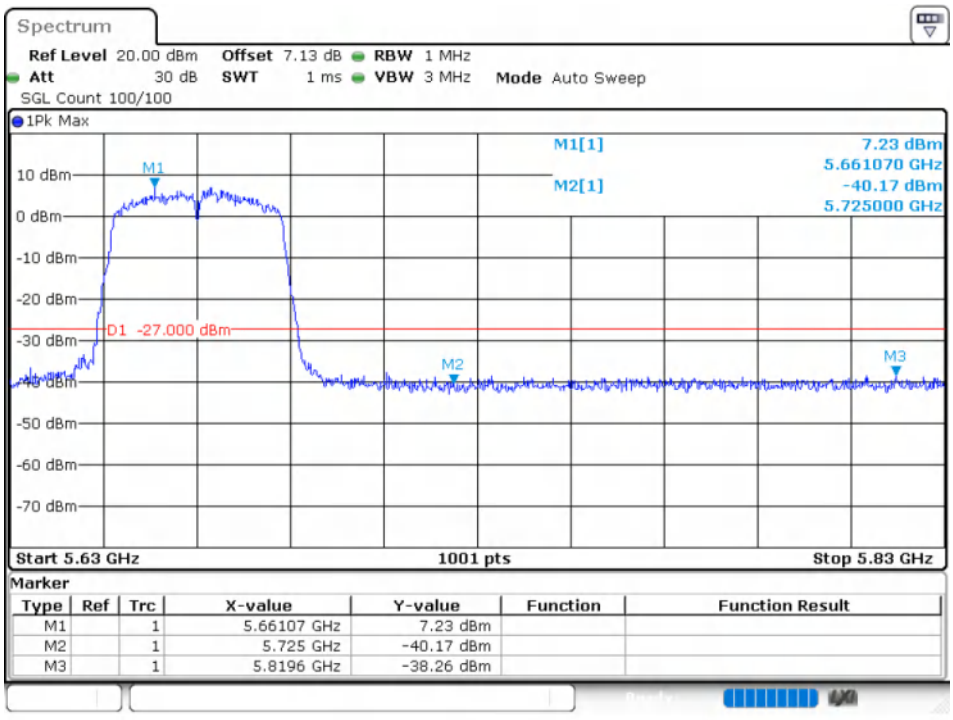
Band Edge NVNT ac20 5700MHz High Ant2



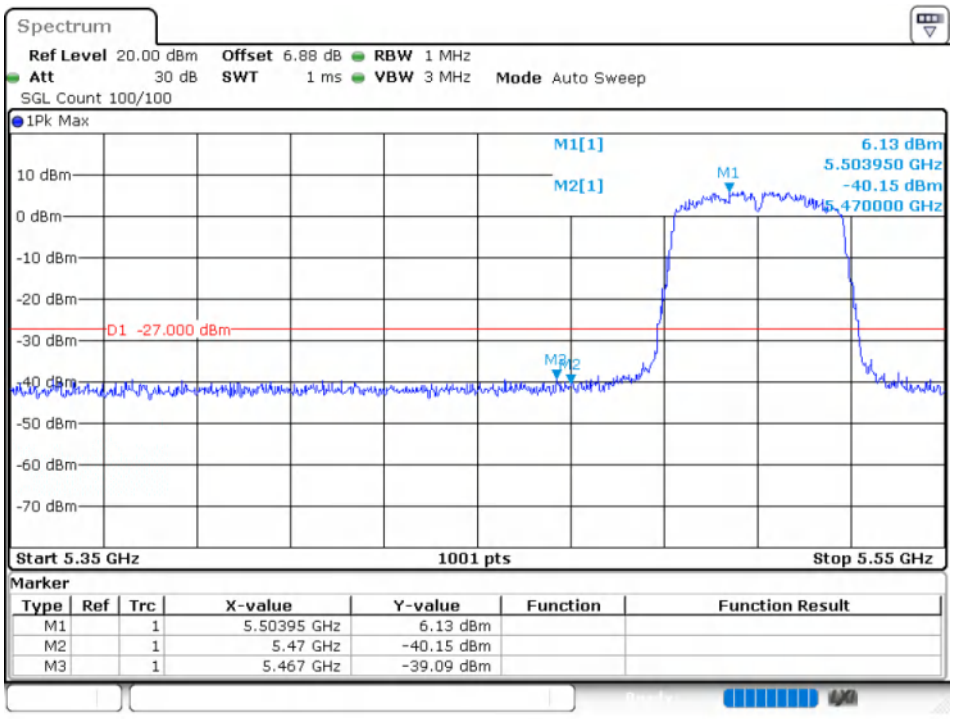
Band Edge NVNT ac40 5510MHz Low Ant1



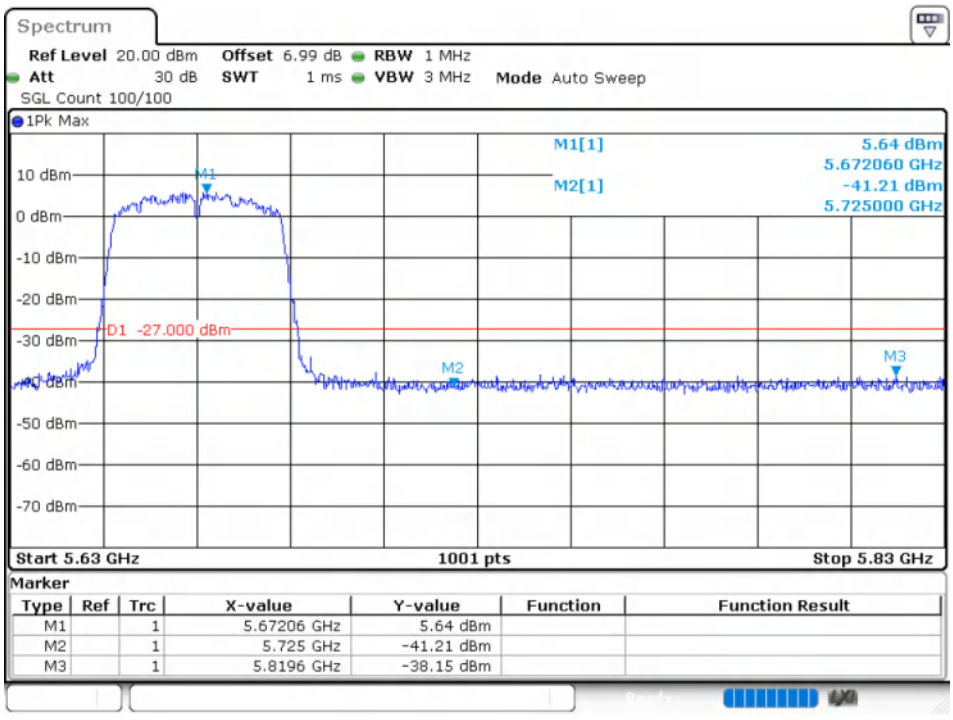
Band Edge NVNT ac40 5670MHz High Ant1



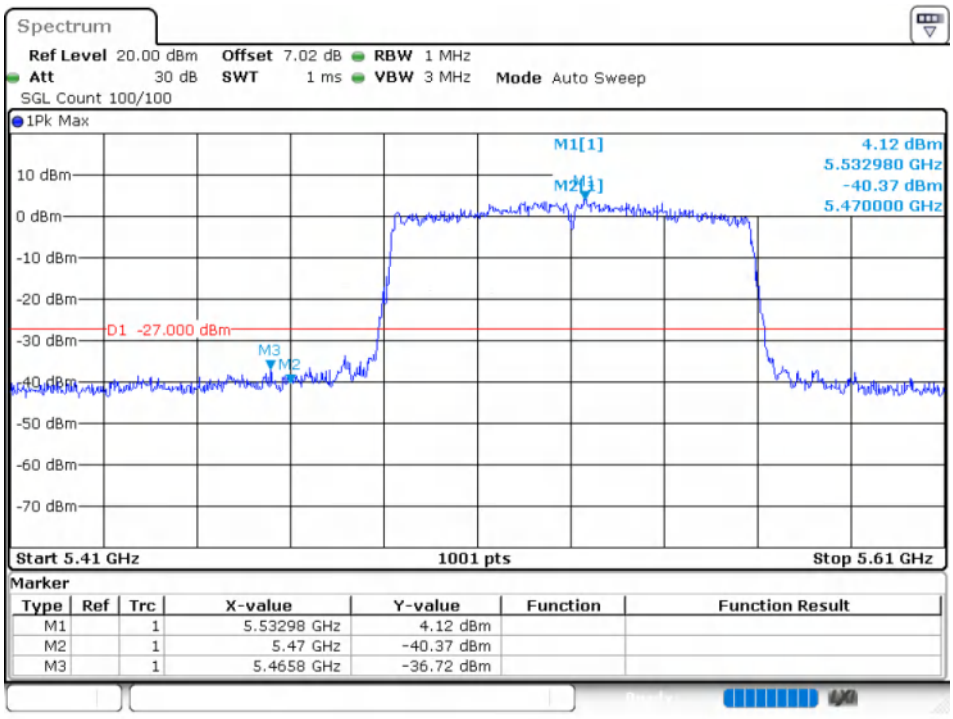
Band Edge NVNT ac40 5510MHz Low Ant2



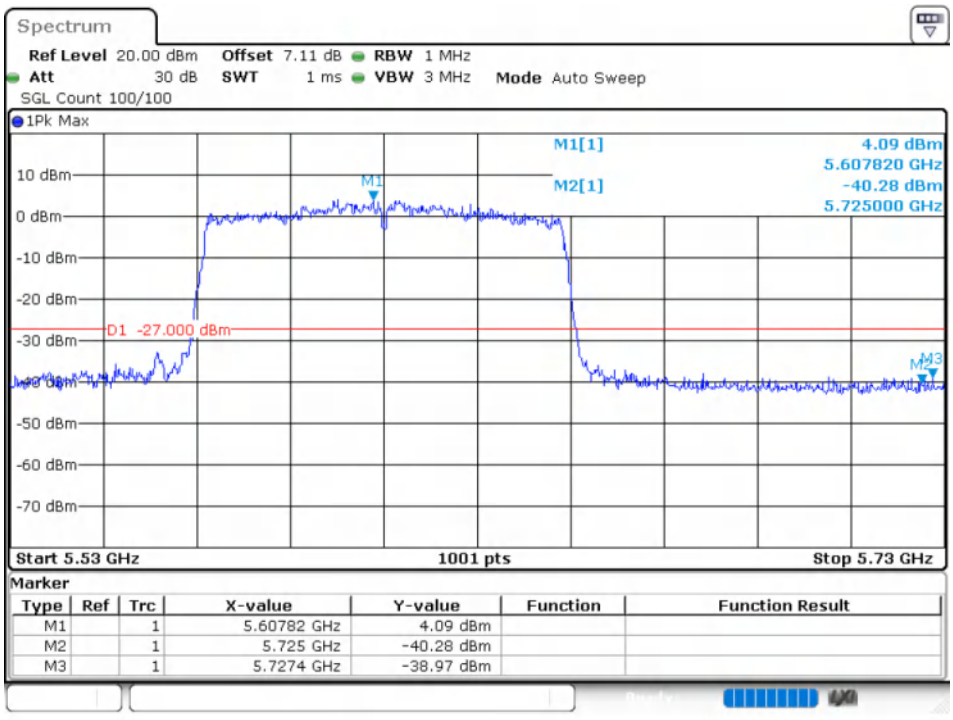
Band Edge NVNT ac40 5670MHz High Ant2



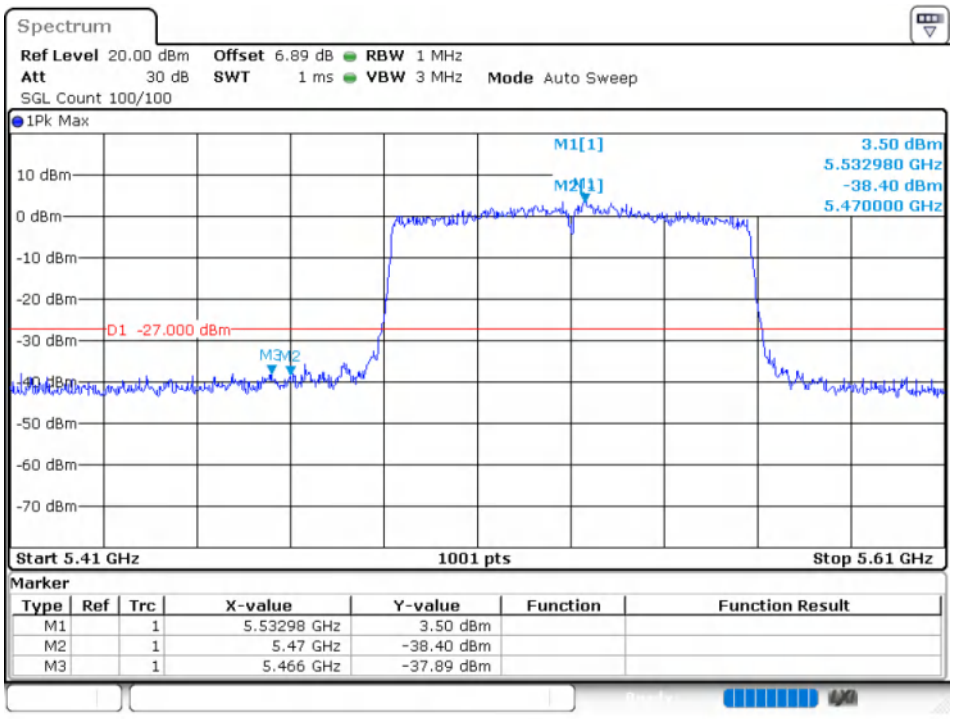
Band Edge NVNT ac80 5530MHz Low Ant1



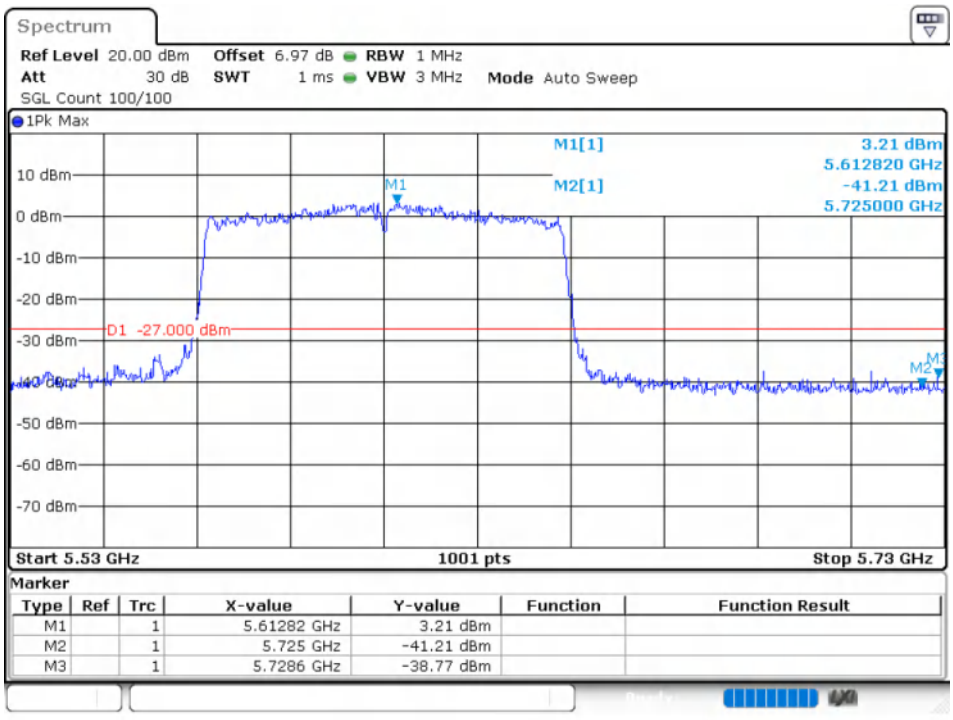
Band Edge NVNT ac80 5610MHz High Ant1



Band Edge NVNT ac80 5530MHz Low Ant2



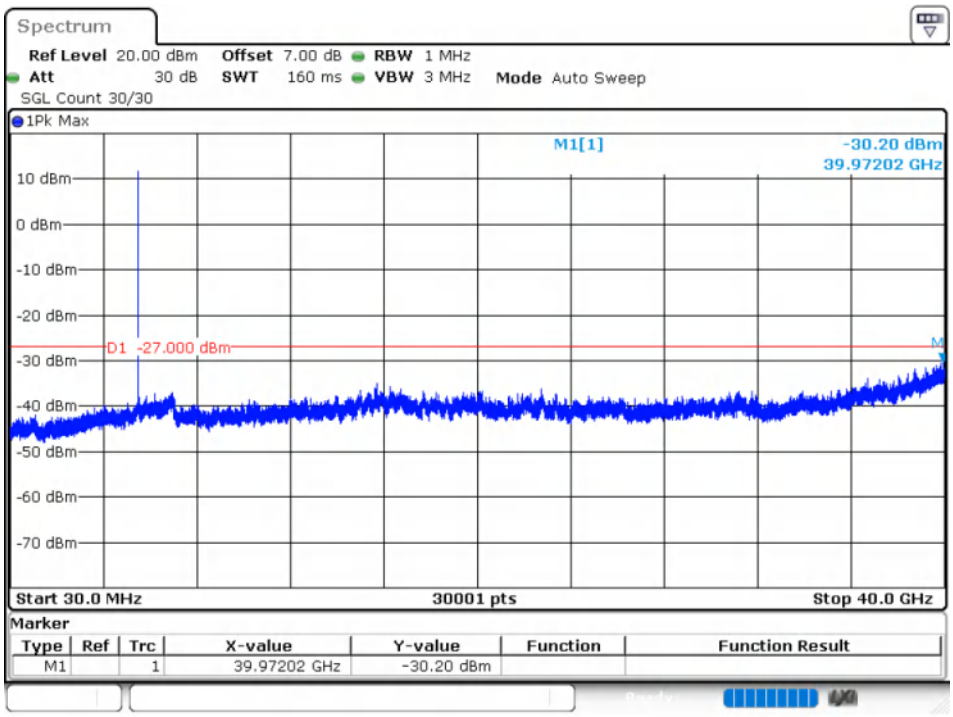
Band Edge NVNT ac80 5610MHz High Ant2



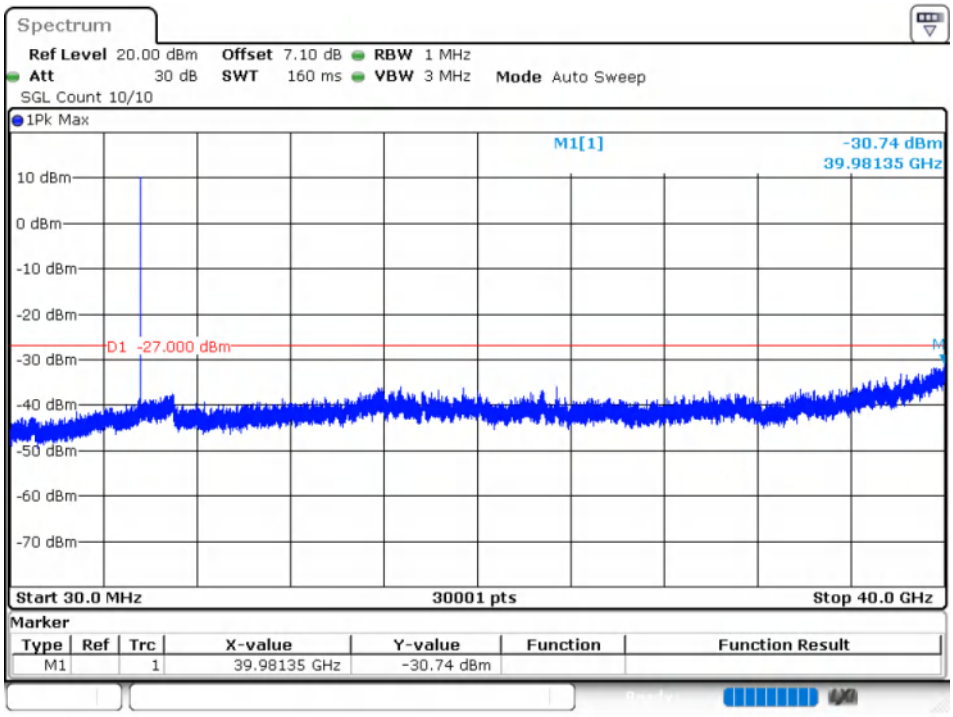
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5500	Ant1	-30.2	-27	Pass
NVNT	a	5600	Ant1	-30.74	-27	Pass
NVNT	a	5700	Ant1	-30.43	-27	Pass
NVNT	a	5500	Ant2	-30.65	-27	Pass
NVNT	a	5600	Ant2	-30.96	-27	Pass
NVNT	a	5700	Ant2	-29.8	-27	Pass
NVNT	n20	5500	Ant1	-30.93	-27	Pass
NVNT	n20	5600	Ant1	-31.21	-27	Pass
NVNT	n20	5700	Ant1	-30.45	-27	Pass
NVNT	n20	5500	Ant2	-31	-27	Pass
NVNT	n20	5600	Ant2	-40.1	-27	Pass
NVNT	n20	5700	Ant2	-31.26	-27	Pass
NVNT	n40	5510	Ant1	-30.74	-27	Pass
NVNT	n40	5590	Ant1	-31.32	-27	Pass
NVNT	n40	5670	Ant1	-30.7	-27	Pass
NVNT	n40	5510	Ant2	-31.73	-27	Pass
NVNT	n40	5590	Ant2	-39.42	-27	Pass
NVNT	n40	5670	Ant2	-31.78	-27	Pass
NVNT	ac20	5500	Ant1	-31.13	-27	Pass
NVNT	ac20	5600	Ant1	-30.14	-27	Pass
NVNT	ac20	5700	Ant1	-30.54	-27	Pass
NVNT	ac20	5500	Ant2	-31.54	-27	Pass
NVNT	ac20	5600	Ant2	-30.53	-27	Pass
NVNT	ac20	5700	Ant2	-31.17	-27	Pass
NVNT	ac40	5510	Ant1	-30.69	-27	Pass
NVNT	ac40	5590	Ant1	-30.6	-27	Pass
NVNT	ac40	5670	Ant1	-31.08	-27	Pass
NVNT	ac40	5510	Ant2	-31.01	-27	Pass
NVNT	ac40	5590	Ant2	-39.79	-27	Pass
NVNT	ac40	5670	Ant2	-30.81	-27	Pass
NVNT	ac80	5530	Ant1	-31.37	-27	Pass
NVNT	ac80	5610	Ant1	-30.94	-27	Pass
NVNT	ac80	5530	Ant2	-31.39	-27	Pass
NVNT	ac80	5610	Ant2	-31.56	-27	Pass

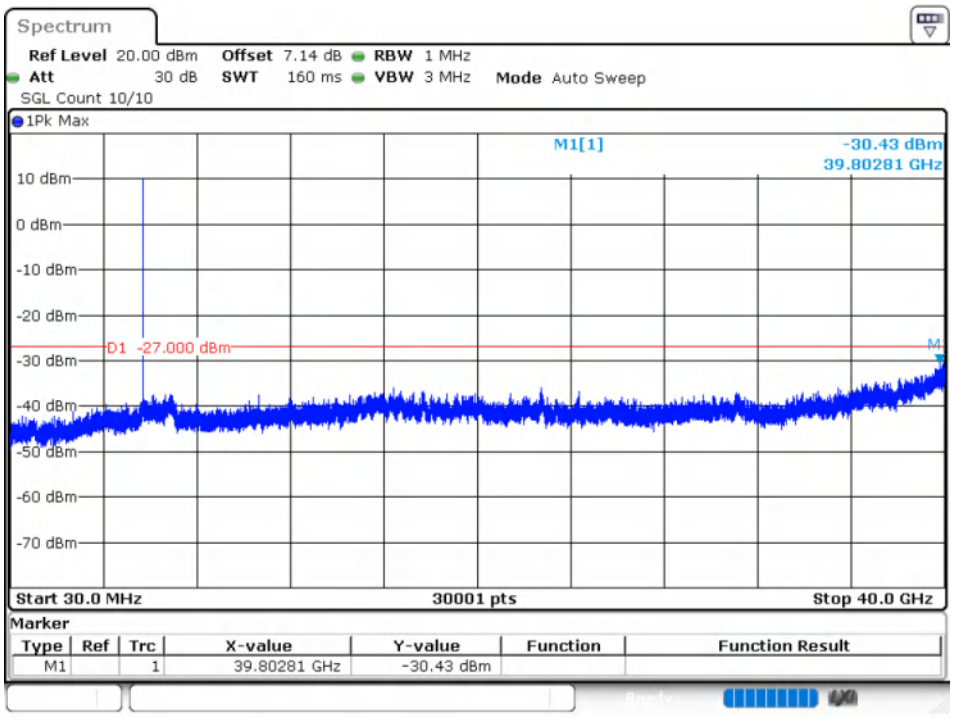
Test Graphs
Tx. Spurious NVNT a 5500MHz Ant1 Emission



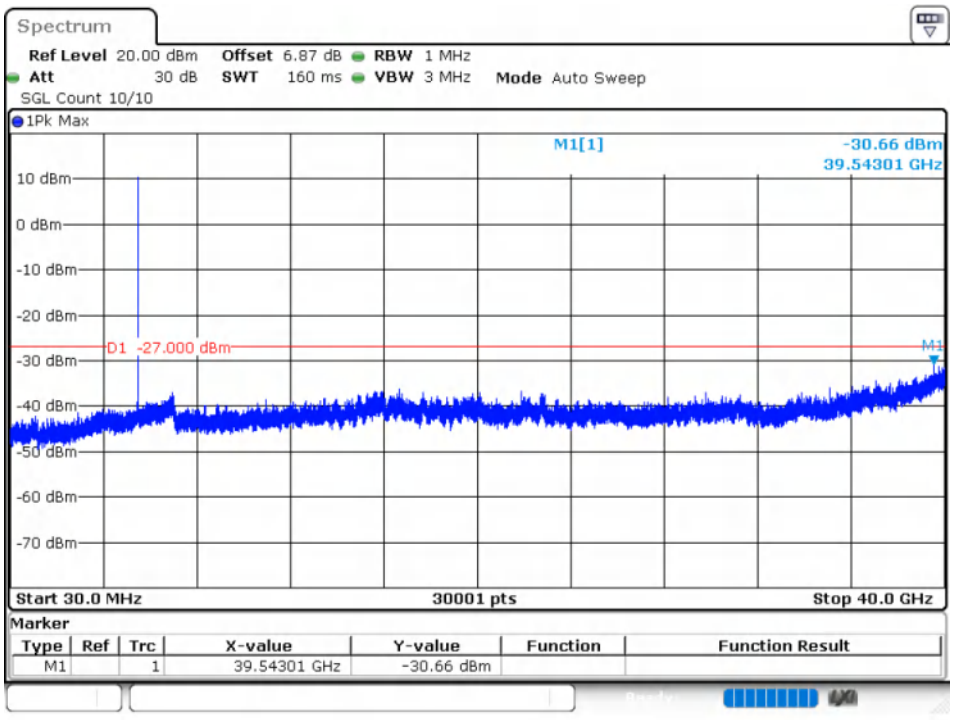
Tx. Spurious NVNT a 5600MHz Ant1 Emission



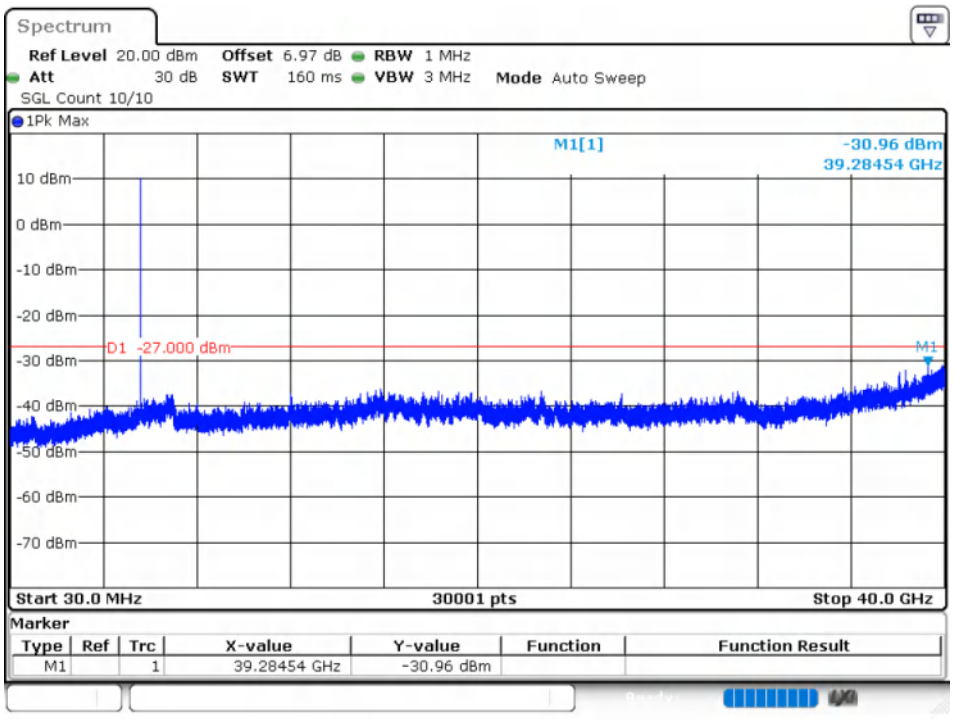
Tx. Spurious NVNT a 5700MHz Ant1 Emission



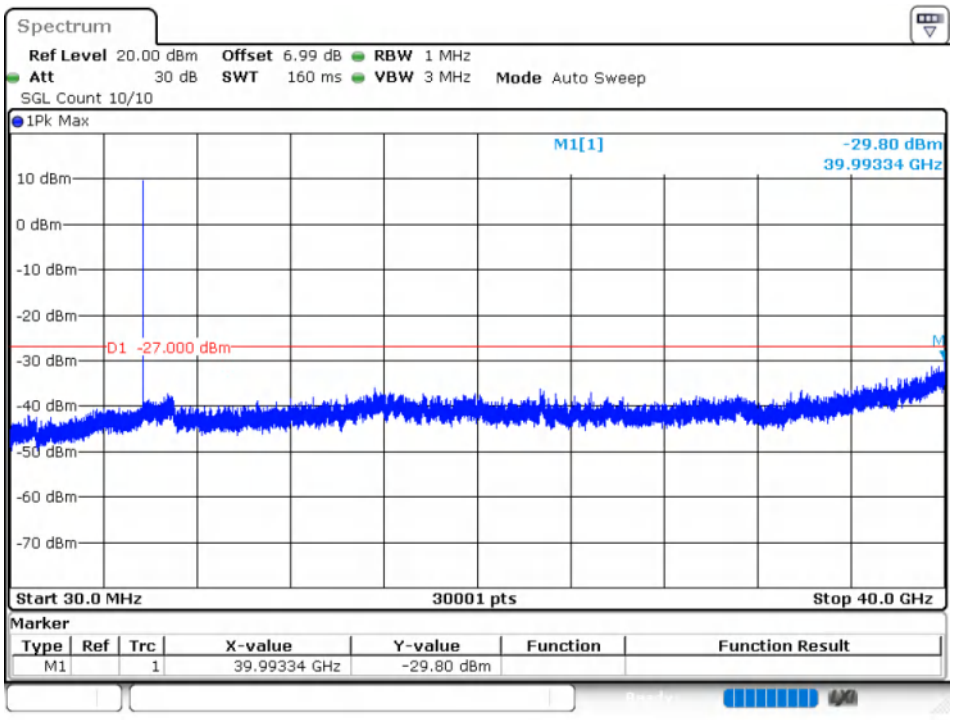
Tx. Spurious NVNT a 5500MHz Ant2 Emission



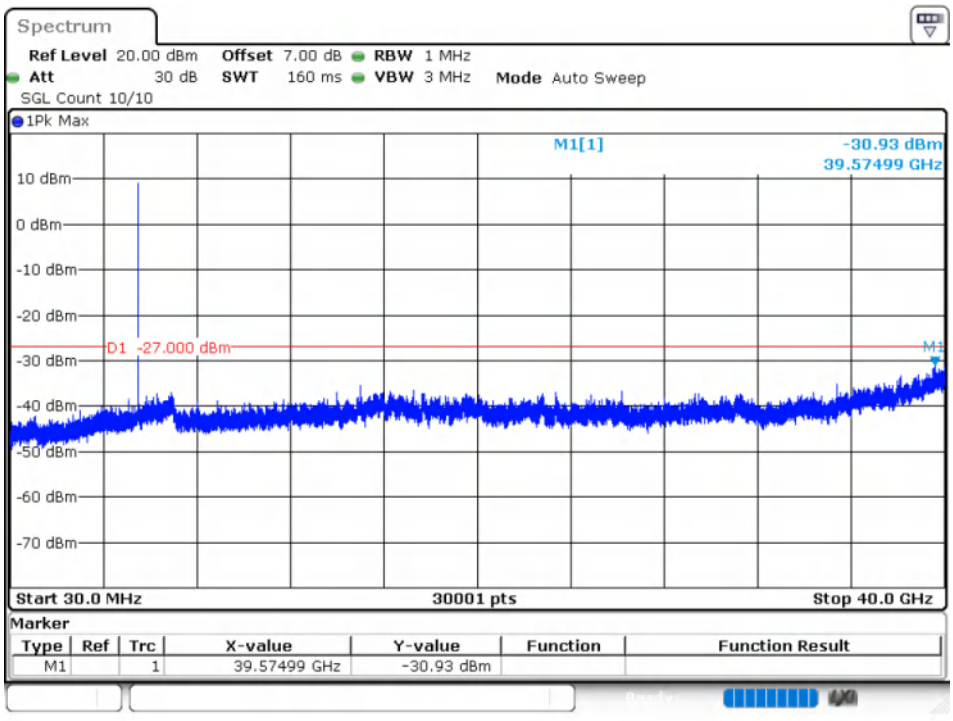
Tx. Spurious NVNT a 5600MHz Ant2 Emission



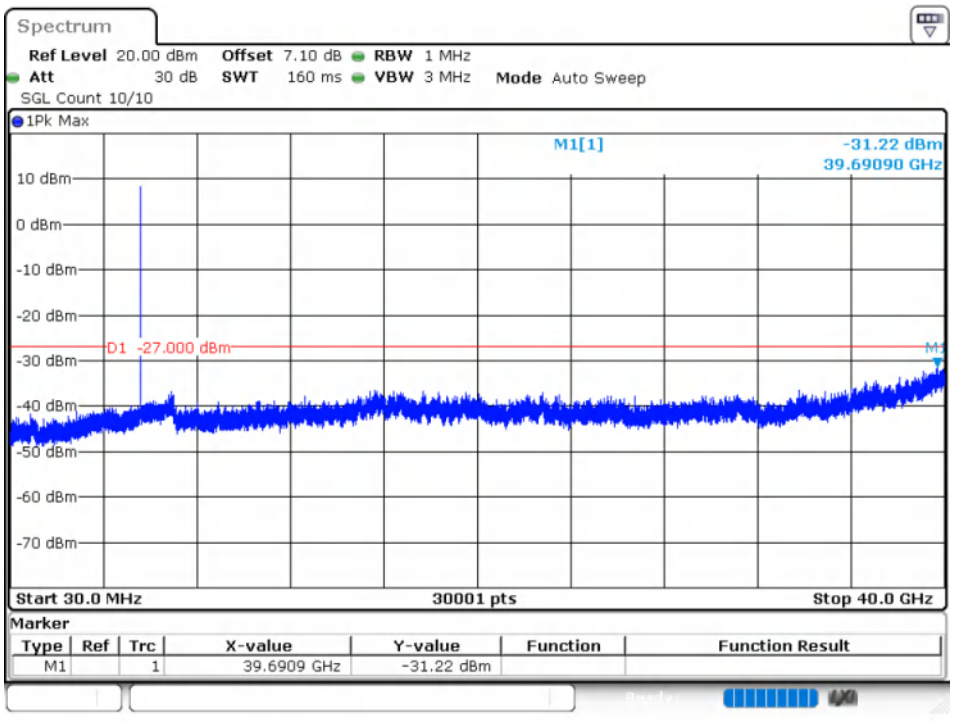
Tx. Spurious NVNT a 5700MHz Ant2 Emission



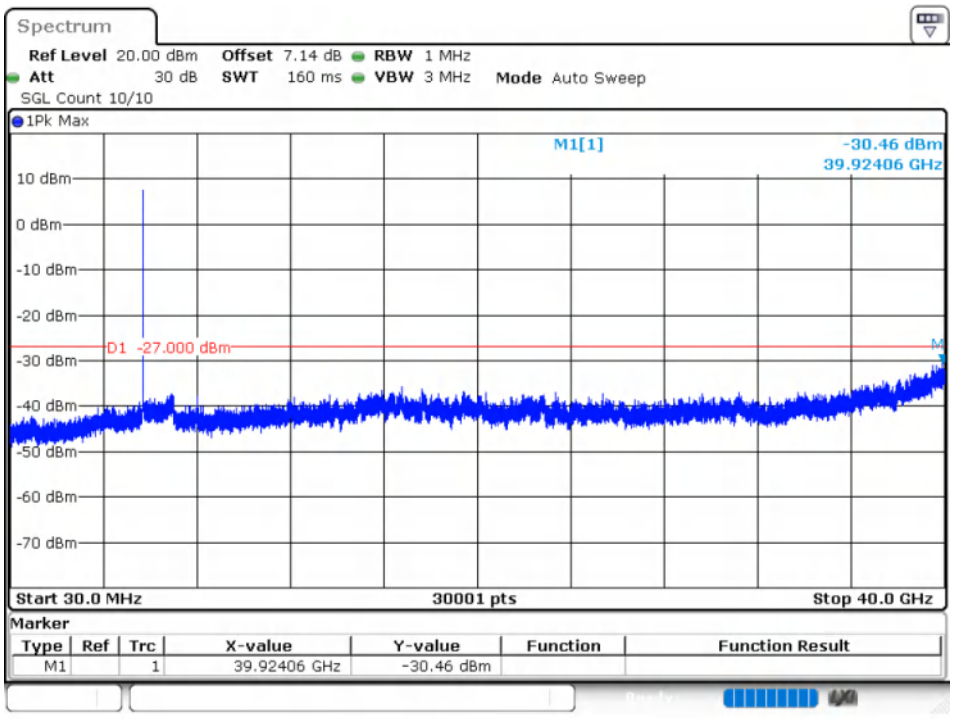
Tx. Spurious NVNT n20 5500MHz Ant1 Emission



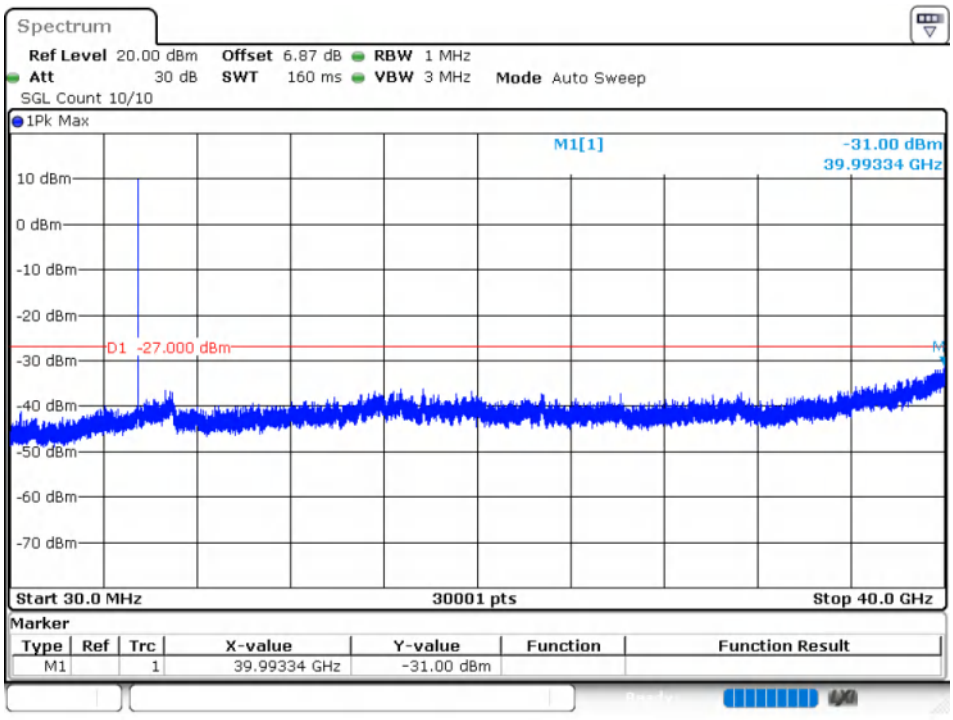
Tx. Spurious NVNT n20 5600MHz Ant1 Emission



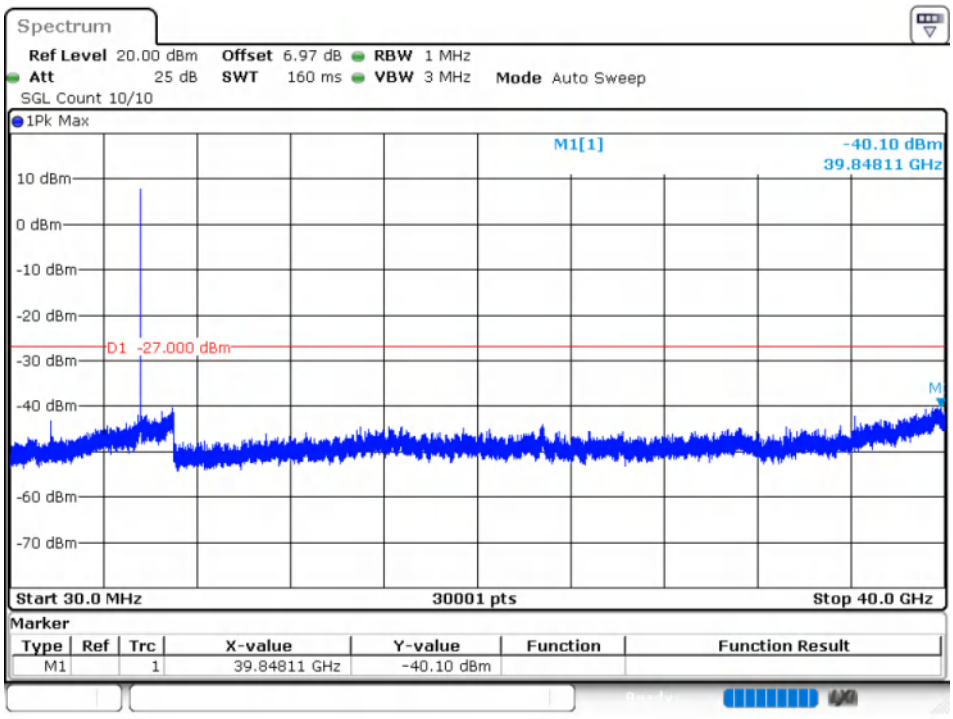
Tx. Spurious NVNT n20 5700MHz Ant1 Emission



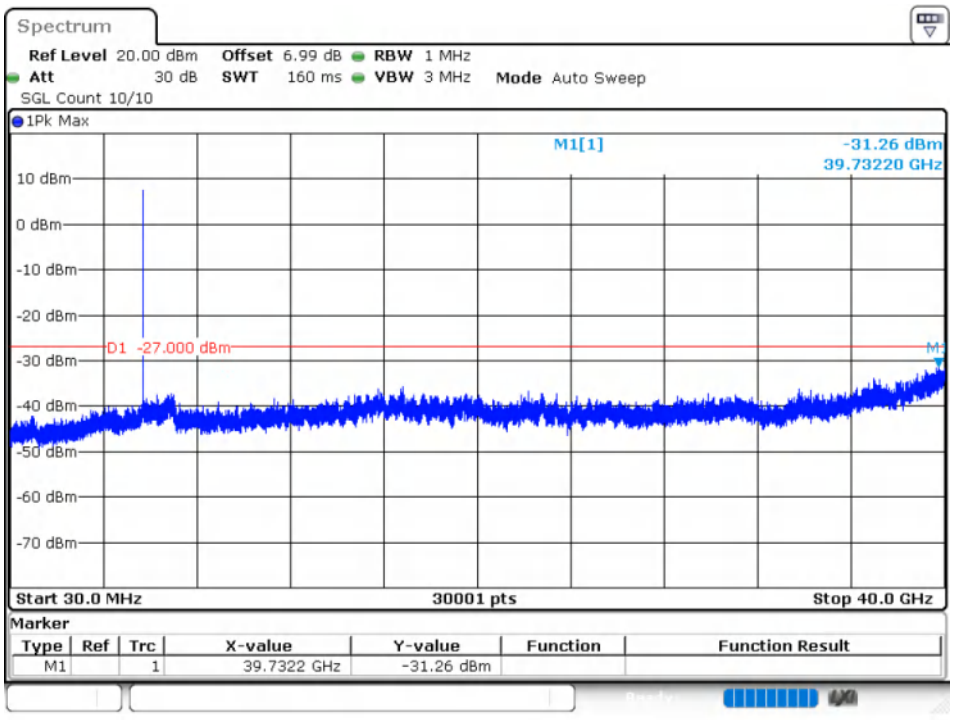
Tx. Spurious NVNT n20 5500MHz Ant2 Emission



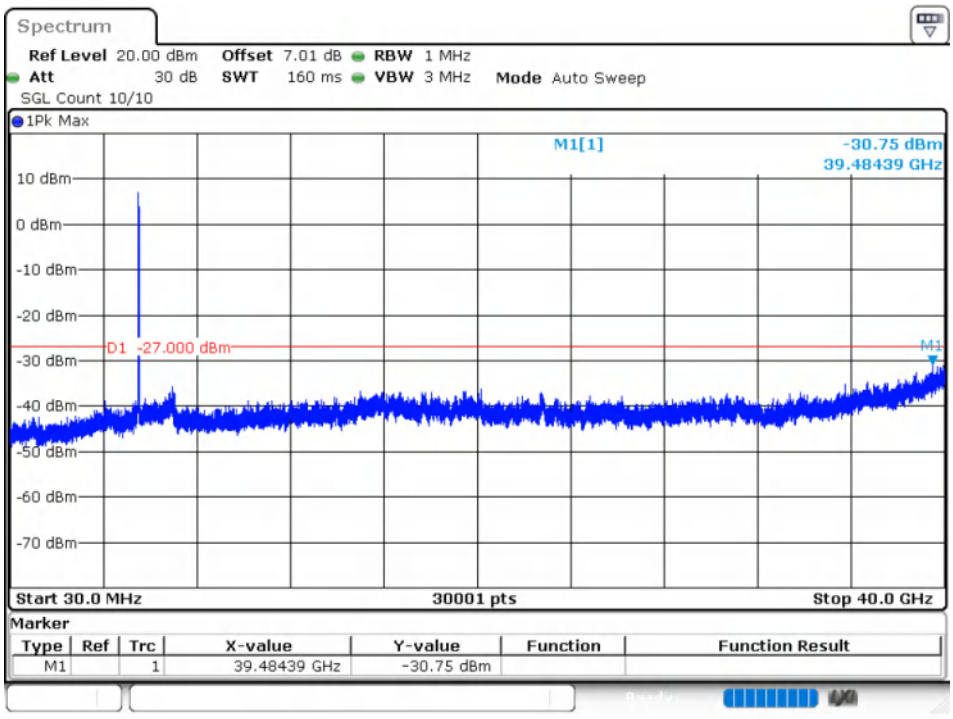
Tx. Spurious NVNT n20 5600MHz Ant2 Emission



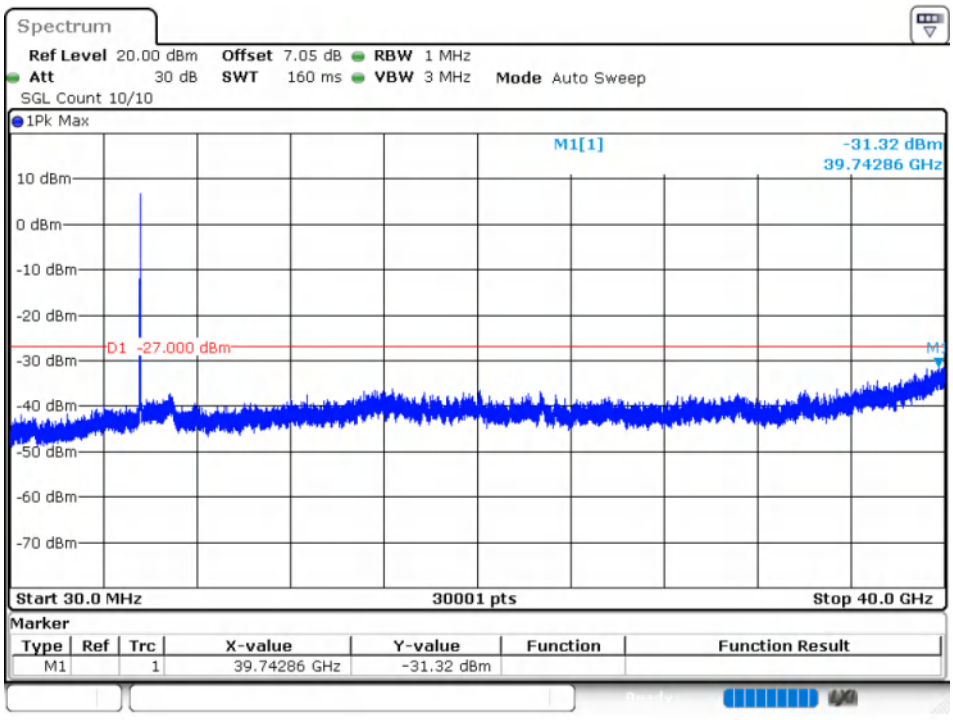
Tx. Spurious NVNT n20 5700MHz Ant2 Emission



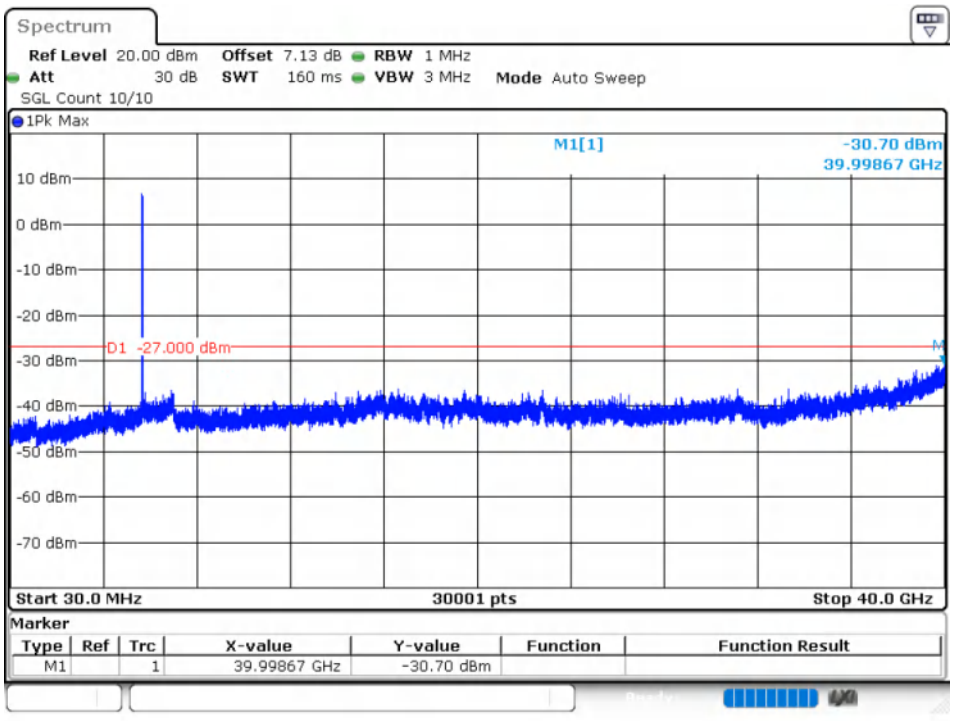
Tx. Spurious NVNT n40 5510MHz Ant1 Emission



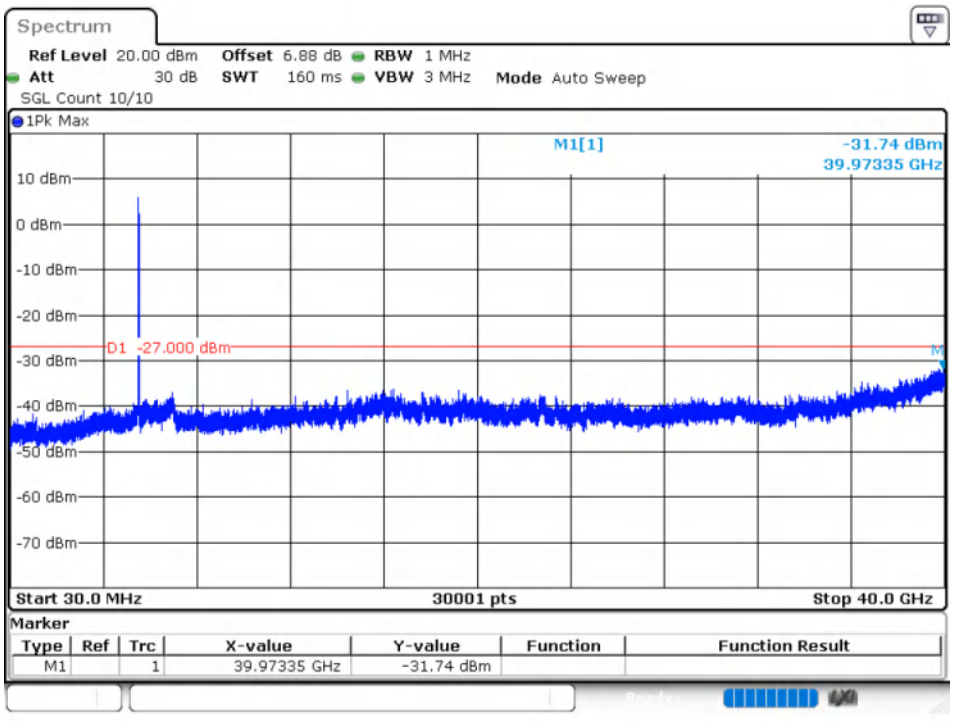
Tx. Spurious NVNT n40 5590MHz Ant1 Emission



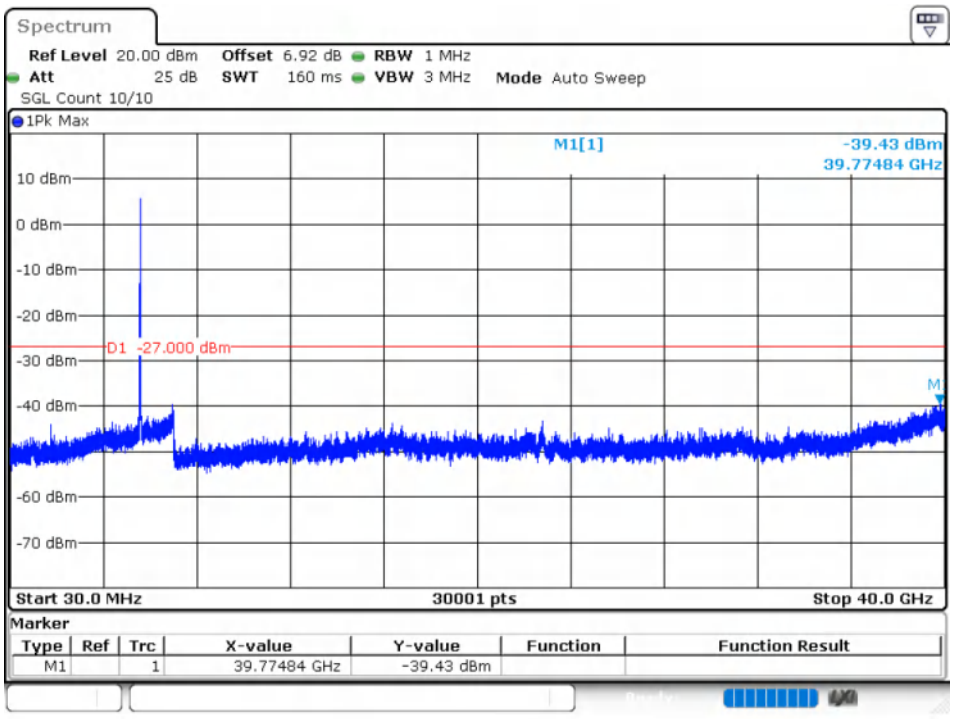
Tx. Spurious NVNT n40 5670MHz Ant1 Emission



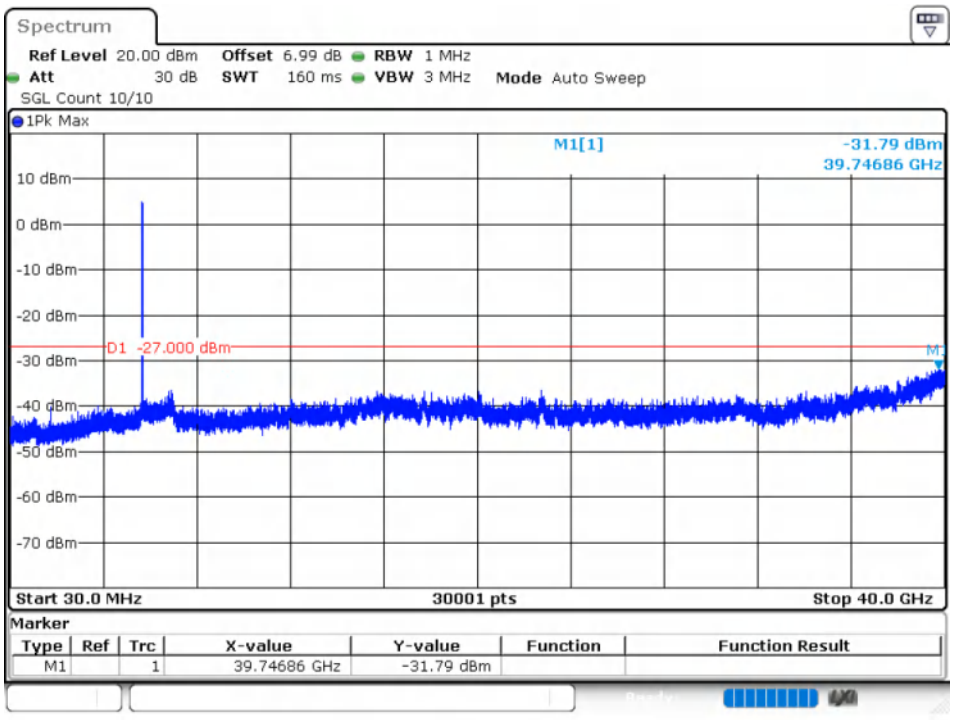
Tx. Spurious NVNT n40 5510MHz Ant2 Emission



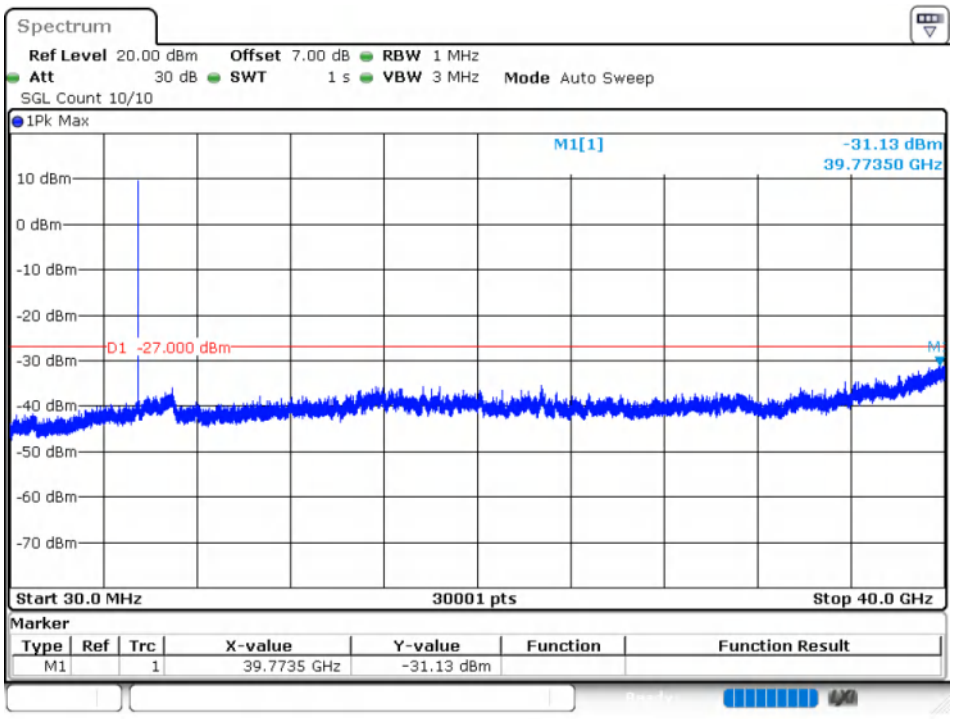
Tx. Spurious NVNT n40 5590MHz Ant2 Emission



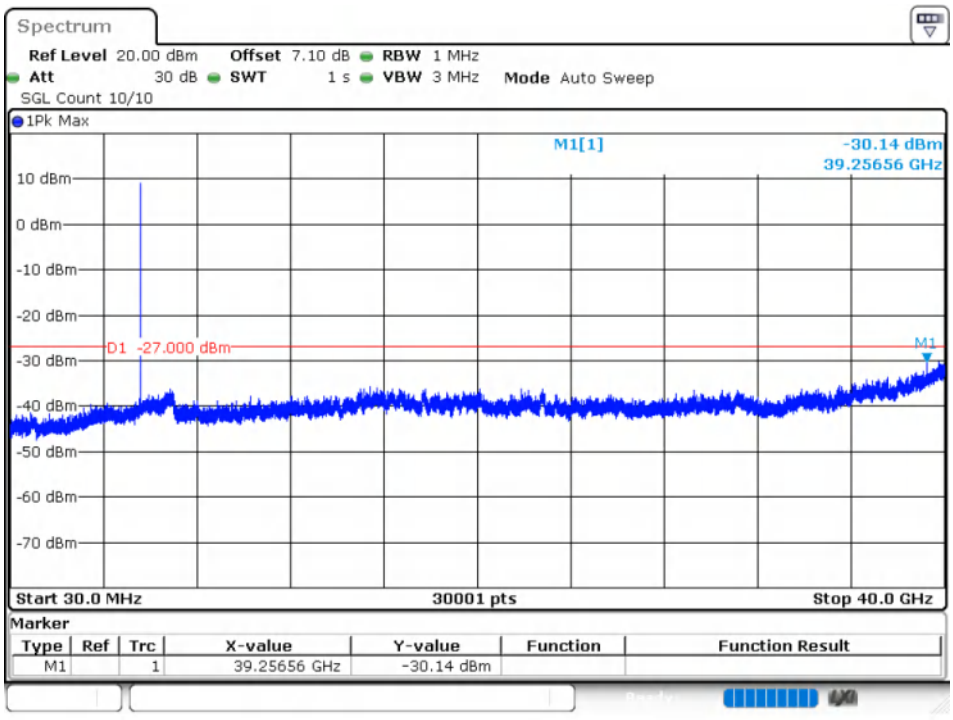
Tx. Spurious NVNT n40 5670MHz Ant2 Emission



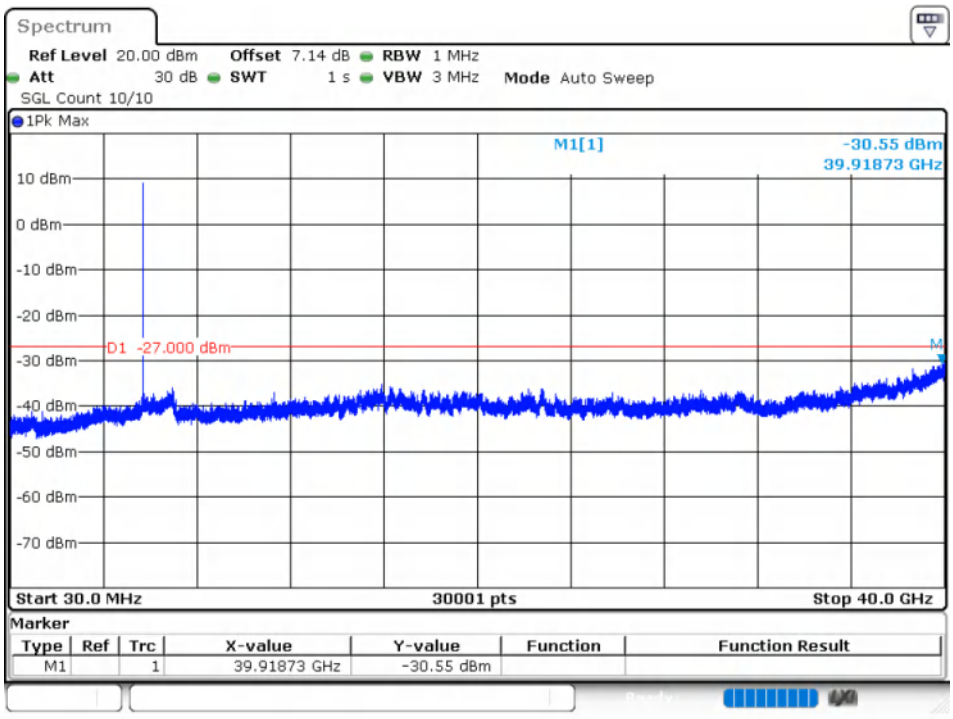
Tx. Spurious NVNT ac20 5500MHz Ant1 Emission



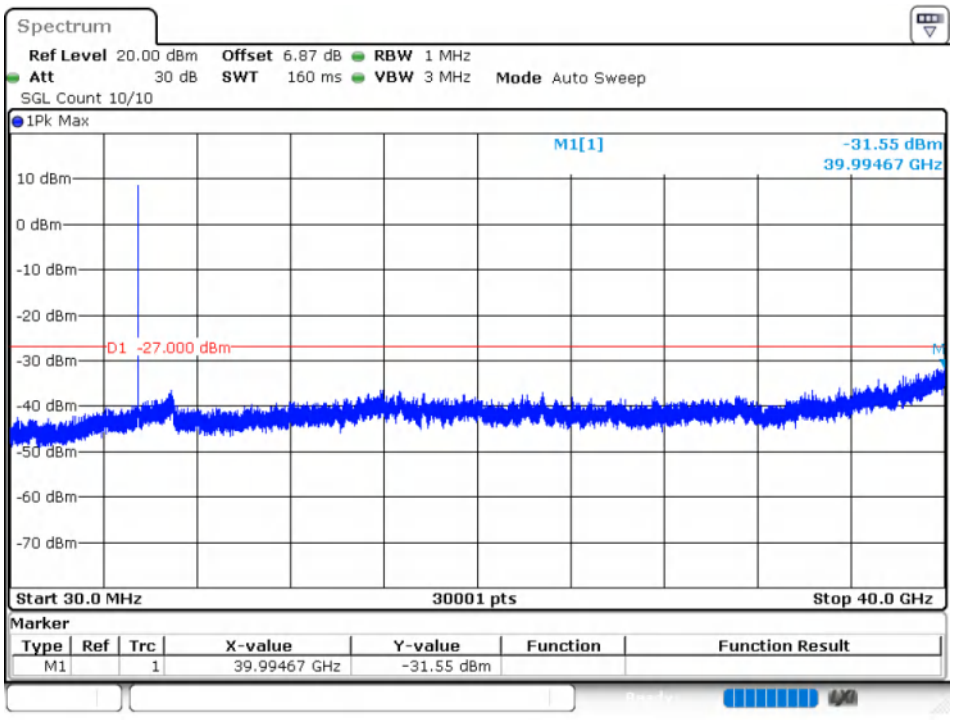
Tx. Spurious NVNT ac20 5600MHz Ant1 Emission



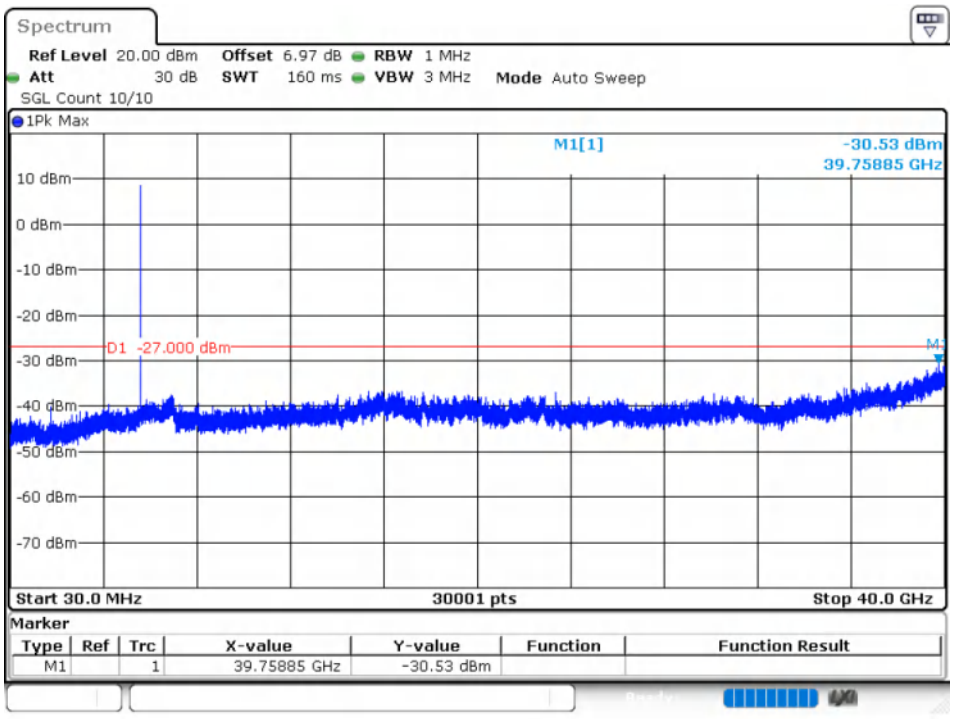
Tx. Spurious NVNT ac20 5700MHz Ant1 Emission



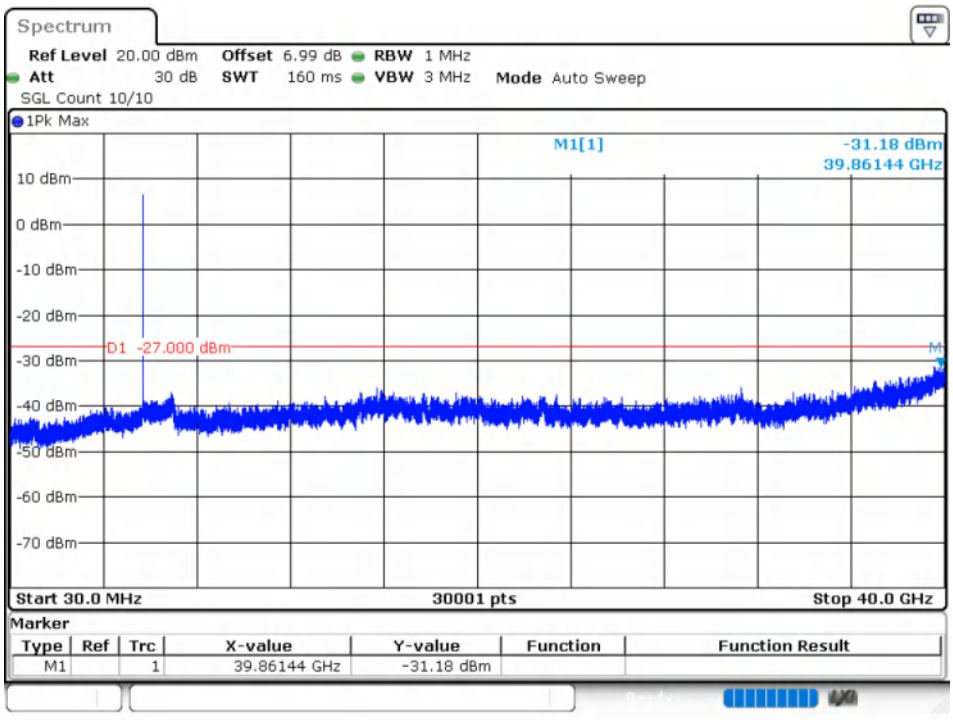
Tx. Spurious NVNT ac20 5500MHz Ant2 Emission



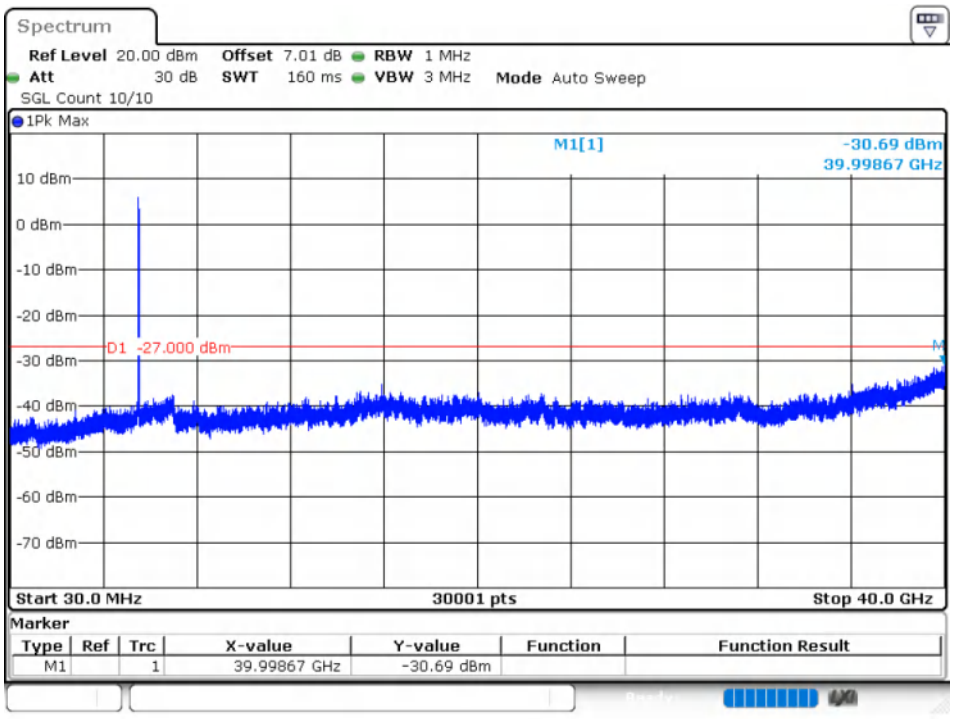
Tx. Spurious NVNT ac20 5600MHz Ant2 Emission



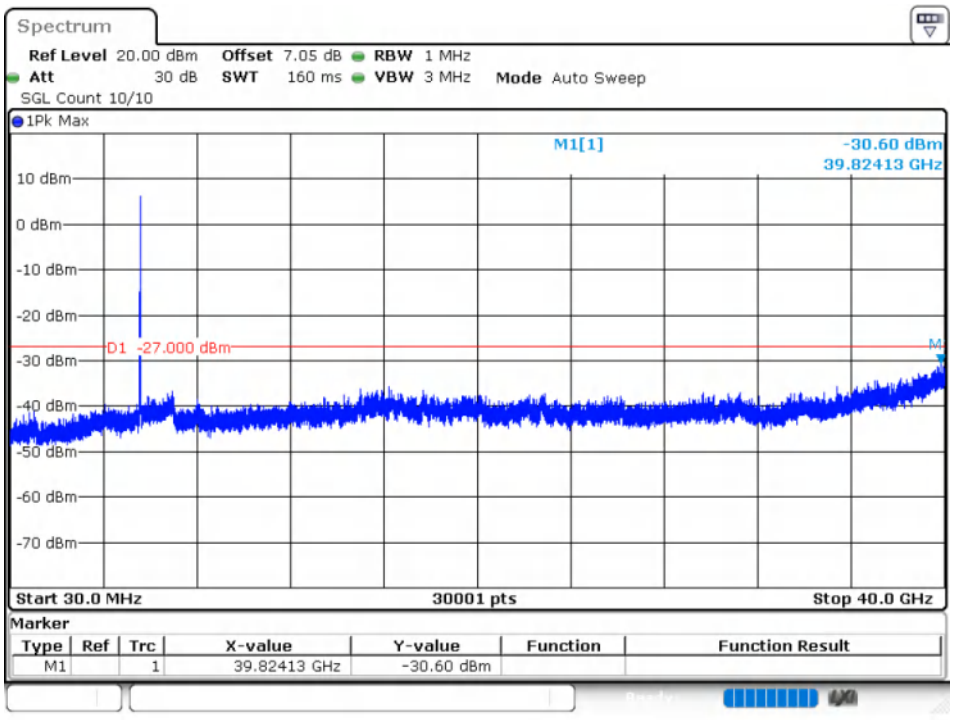
Tx. Spurious NVNT ac20 5700MHz Ant2 Emission



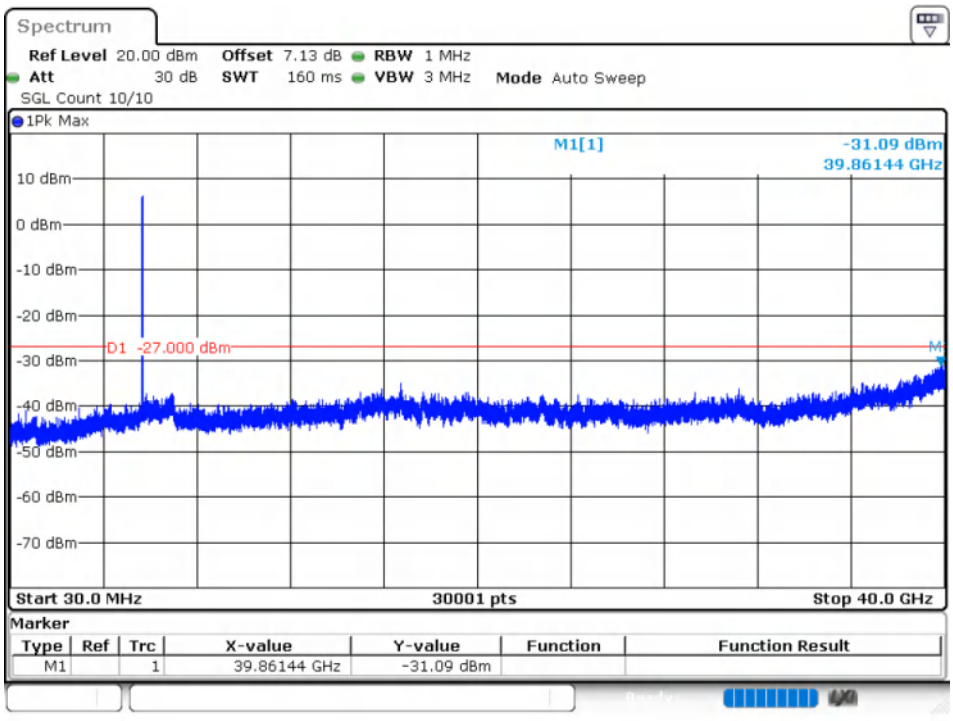
Tx. Spurious NVNT ac40 5510MHz Ant1 Emission



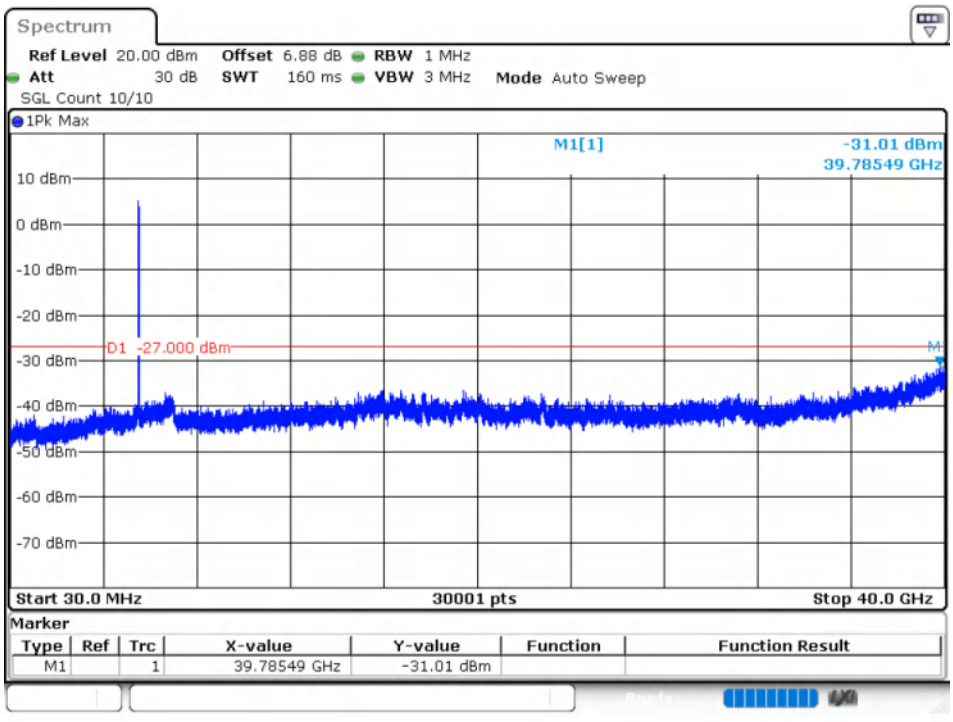
Tx. Spurious NVNT ac40 5590MHz Ant1 Emission



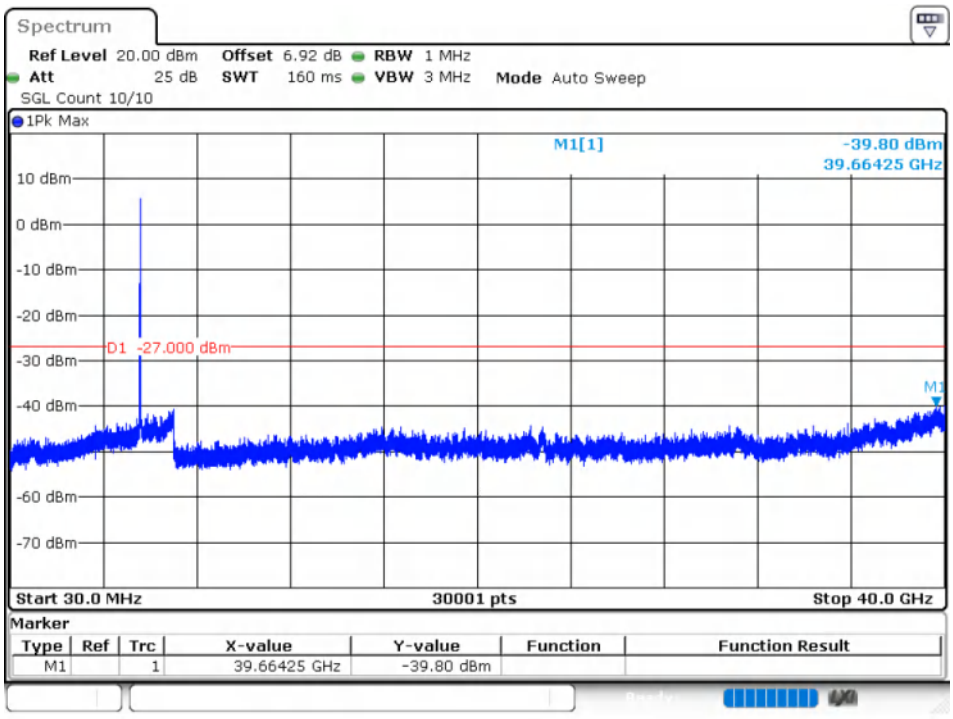
Tx. Spurious NVNT ac40 5670MHz Ant1 Emission



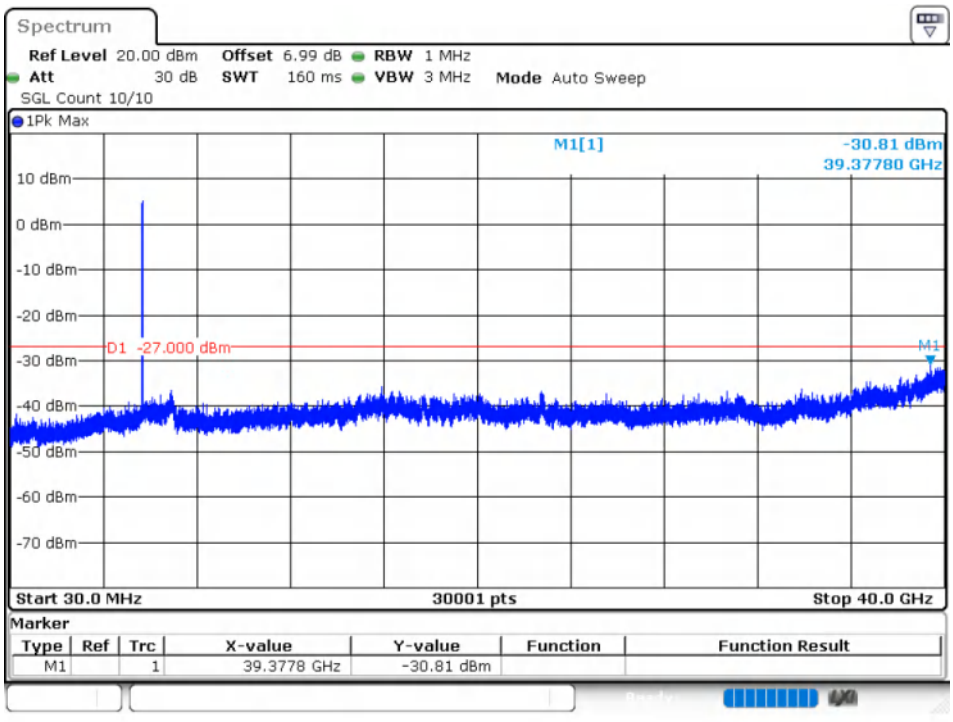
Tx. Spurious NVNT ac40 5510MHz Ant2 Emission



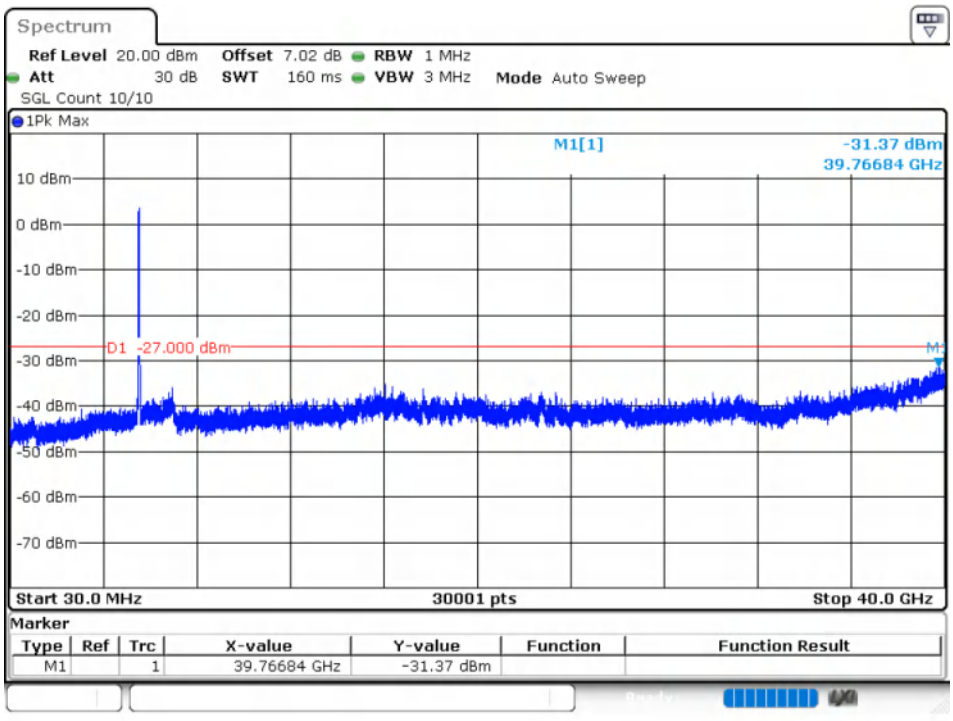
Tx. Spurious NVNT ac40 5590MHz Ant2 Emission



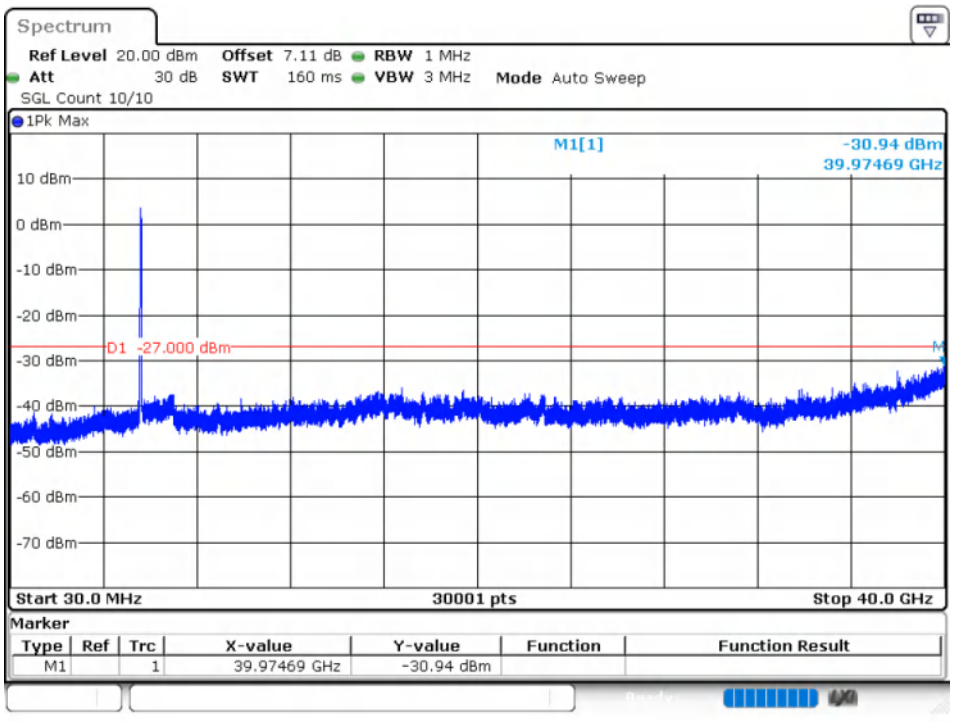
Tx. Spurious NVNT ac40 5670MHz Ant2 Emission



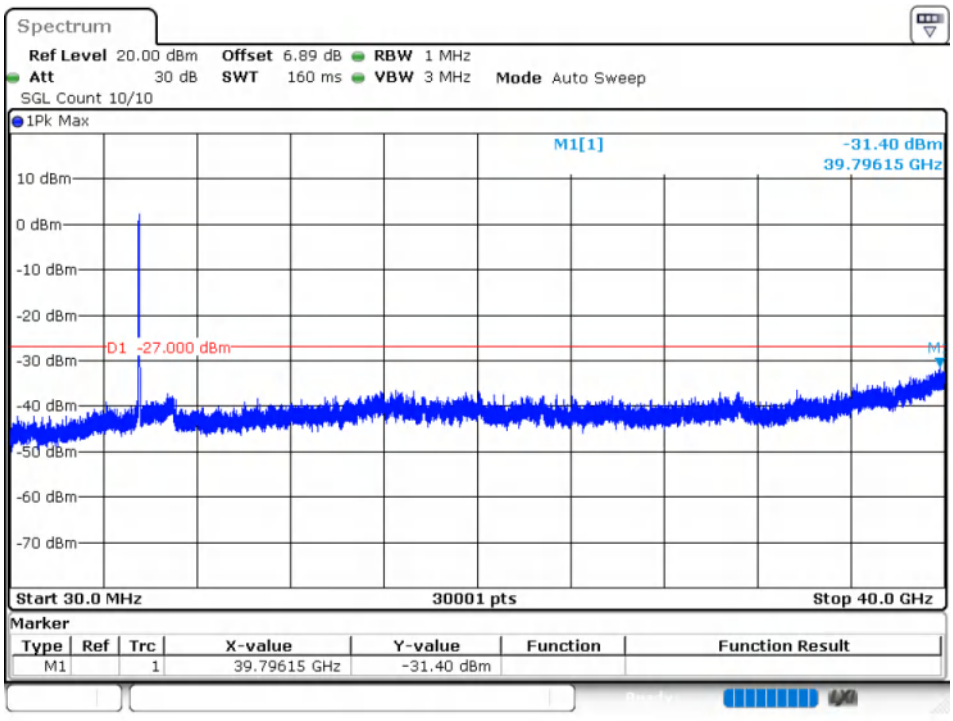
Tx. Spurious NVNT ac80 5530MHz Ant1 Emission



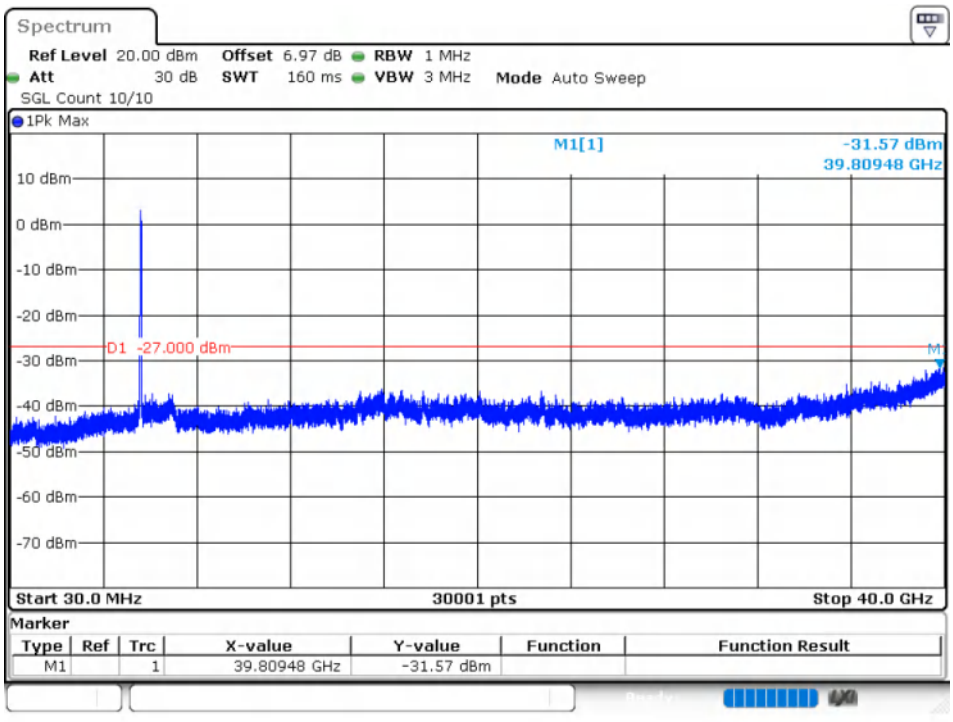
Tx. Spurious NVNT ac80 5610MHz Ant1 Emission



Tx. Spurious NVNT ac80 5530MHz Ant2 Emission



Tx. Spurious NVNT ac80 5610MHz Ant2 Emission

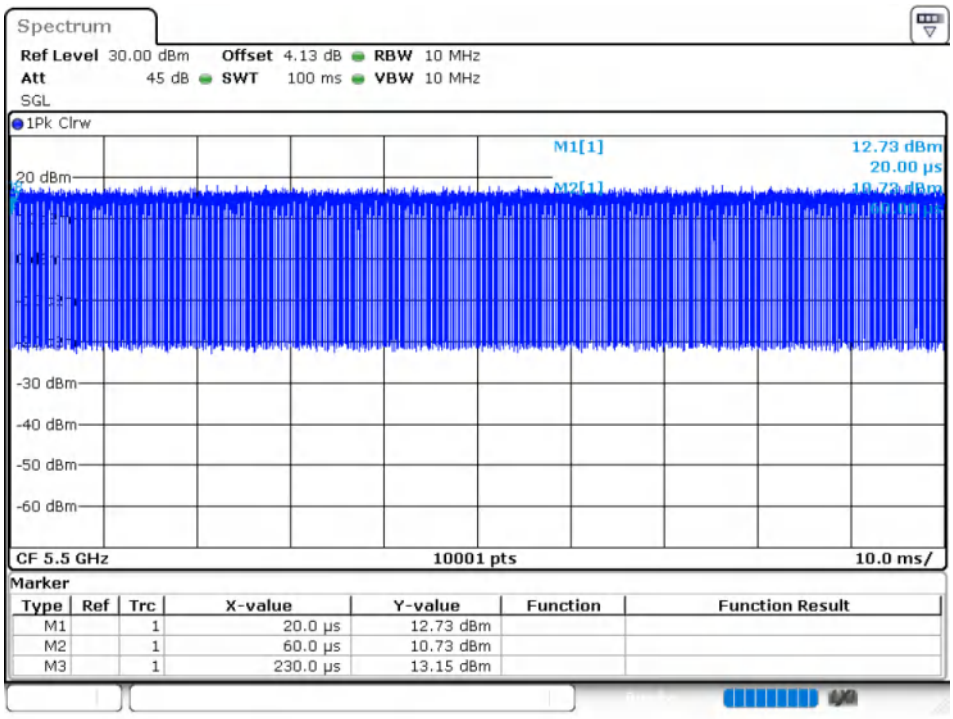


5.6G WIFI MIMO

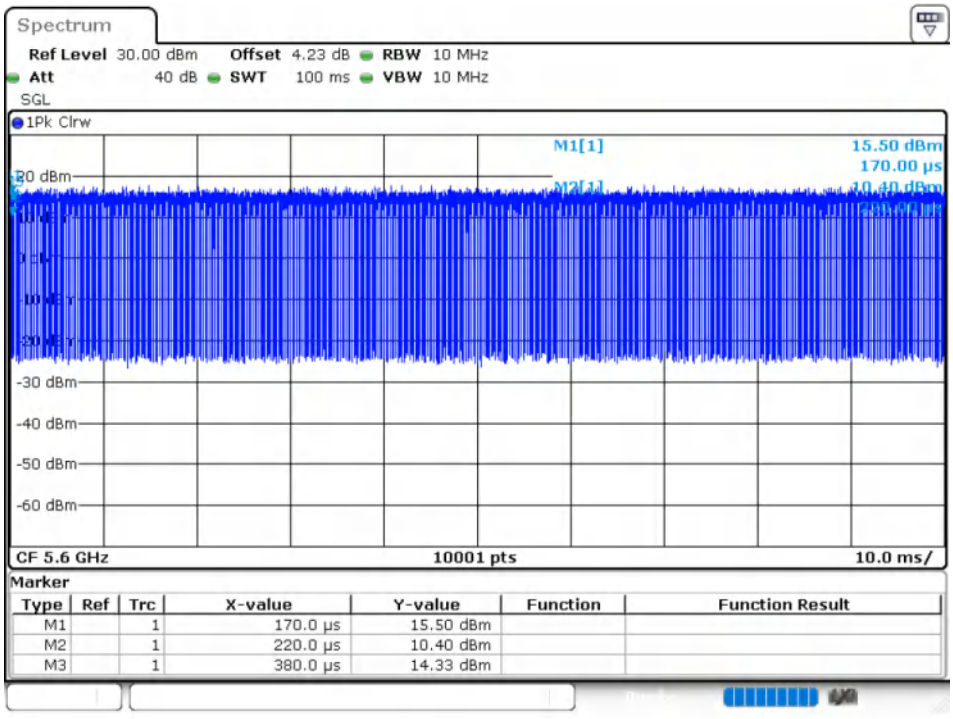
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac20	5500	Sum	83.6	0.78	5.88
NVNT	ac20	5600	Sum	83.62	0.78	6.25
NVNT	ac20	5700	Sum	83.61	0.78	5.88
NVNT	ac40	5510	Sum	76.99	1.14	10
NVNT	ac40	5590	Sum	77.02	1.13	10
NVNT	ac40	5670	Sum	77.01	1.13	10
NVNT	ac80	5530	Sum	70.94	1.49	14.29
NVNT	ac80	5610	Sum	70.96	1.49	14.29
NVNT	n20	5500	Sum	83.29	0.79	6.25
NVNT	n20	5600	Sum	83.29	0.79	5.88
NVNT	n20	5700	Sum	83.29	0.79	6.25
NVNT	n40	5510	Sum	76.4	1.17	10
NVNT	n40	5590	Sum	76.38	1.17	10
NVNT	n40	5670	Sum	76.37	1.17	10

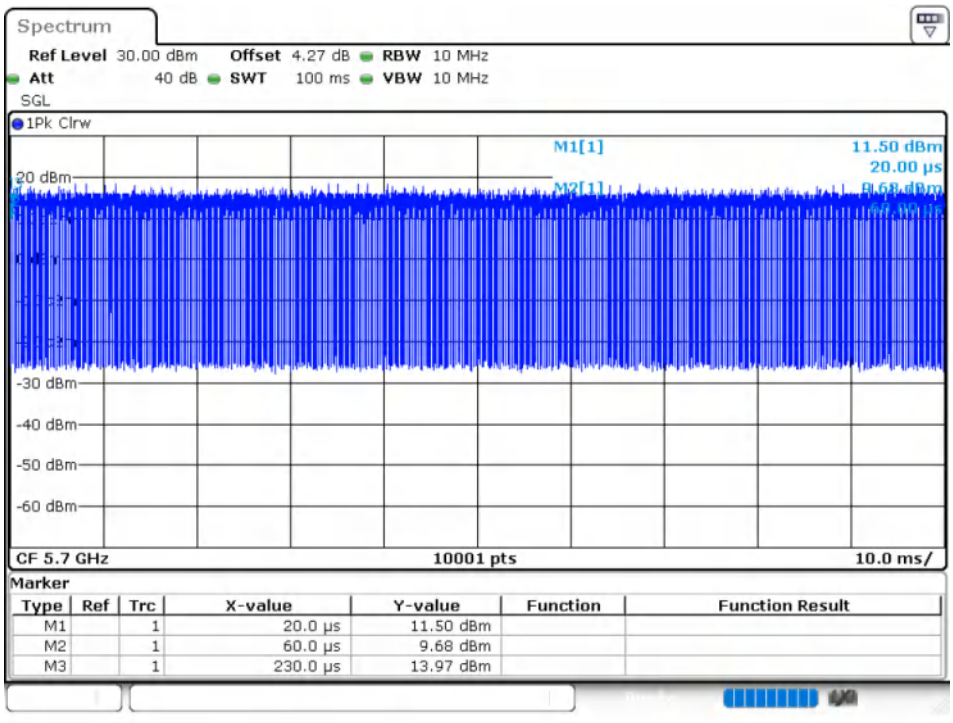
Test Graphs
Duty Cycle NVNT ac20 5500MHz Sum



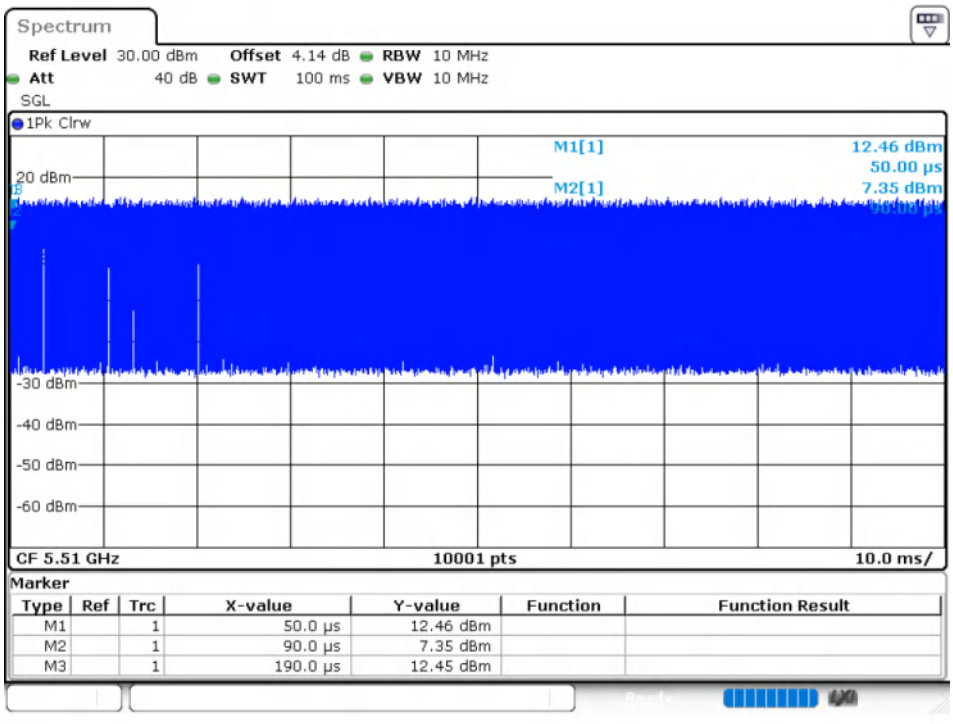
Duty Cycle NVNT ac20 5600MHz Sum



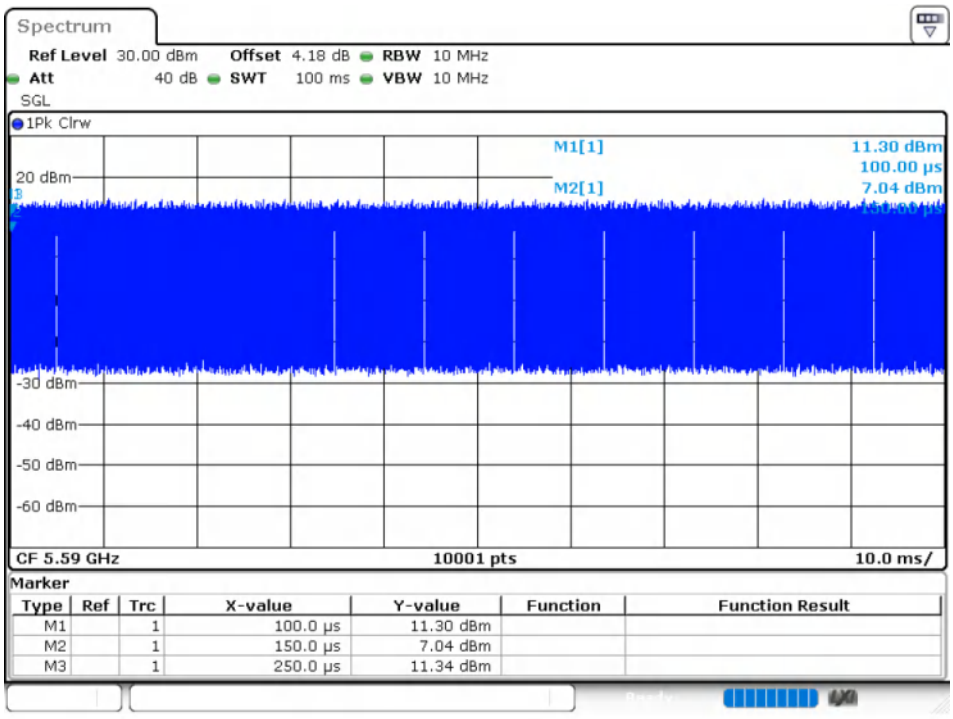
Duty Cycle NVNT ac20 5700MHz Sum



Duty Cycle NVNT ac40 5510MHz Sum



Duty Cycle NVNT ac40 5590MHz Sum



Duty Cycle NVNT ac40 5670MHz Sum