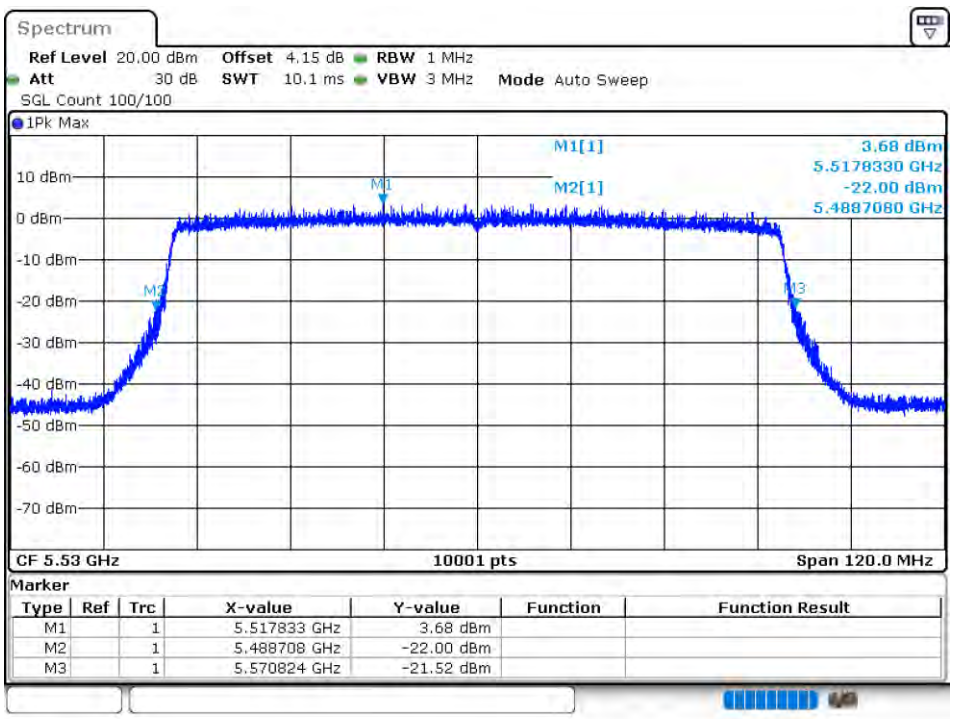
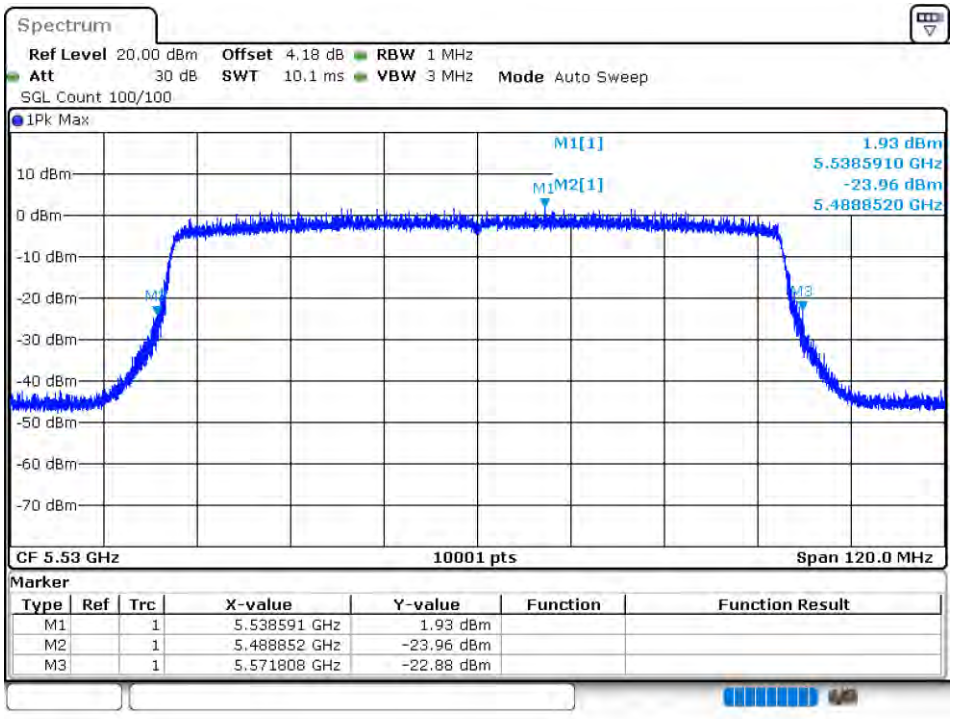
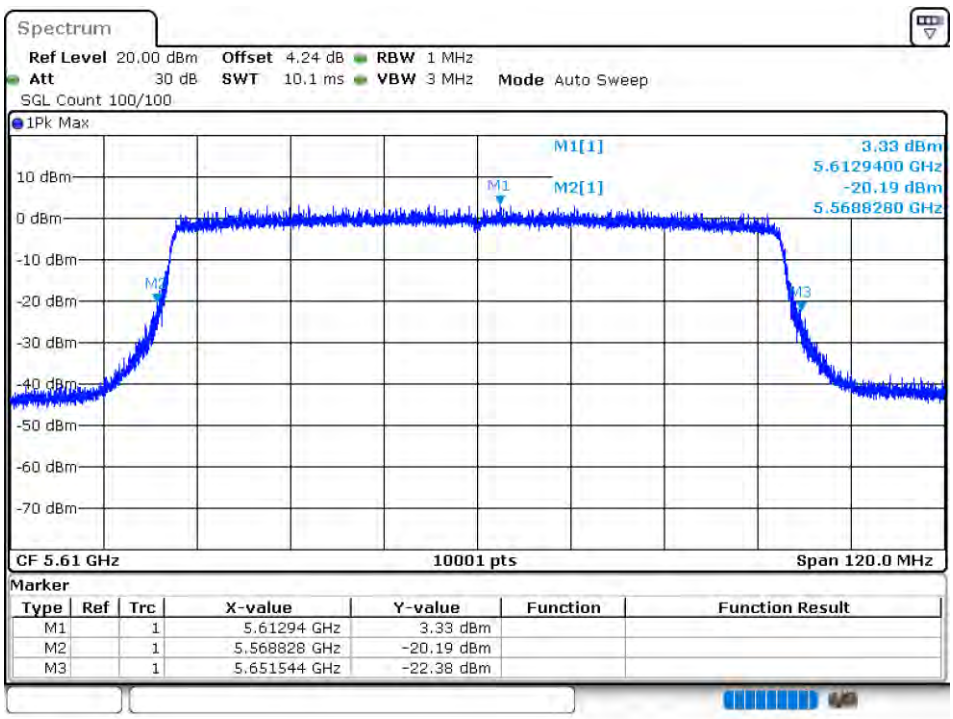
-26dB Bandwidth NVNT ax80 5530MHz Ant1



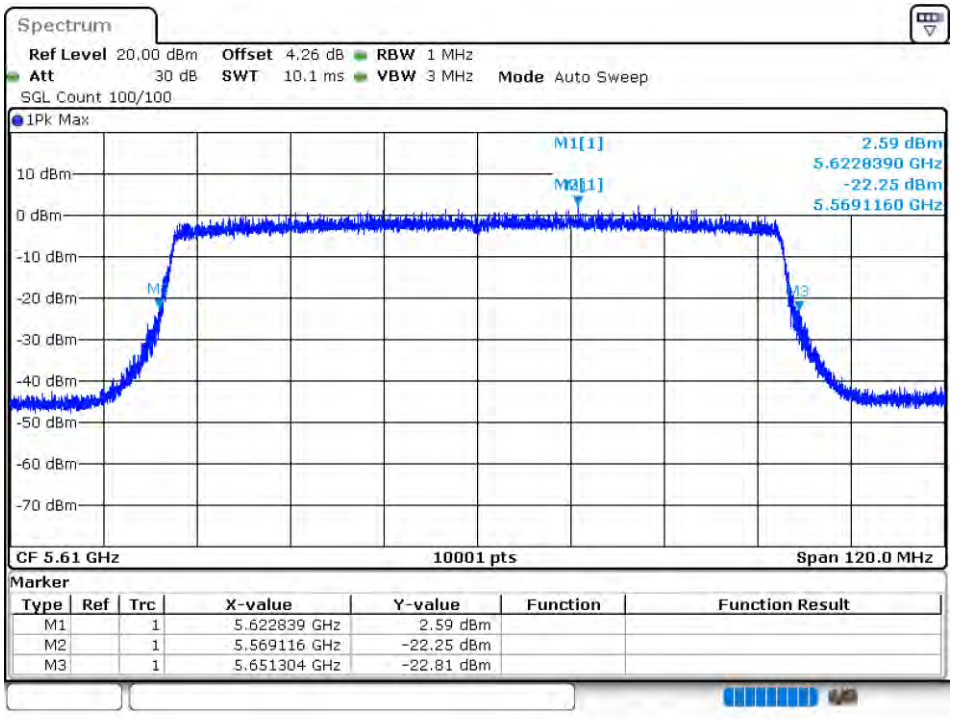
-26dB Bandwidth NVNT ax80 5530MHz Ant2



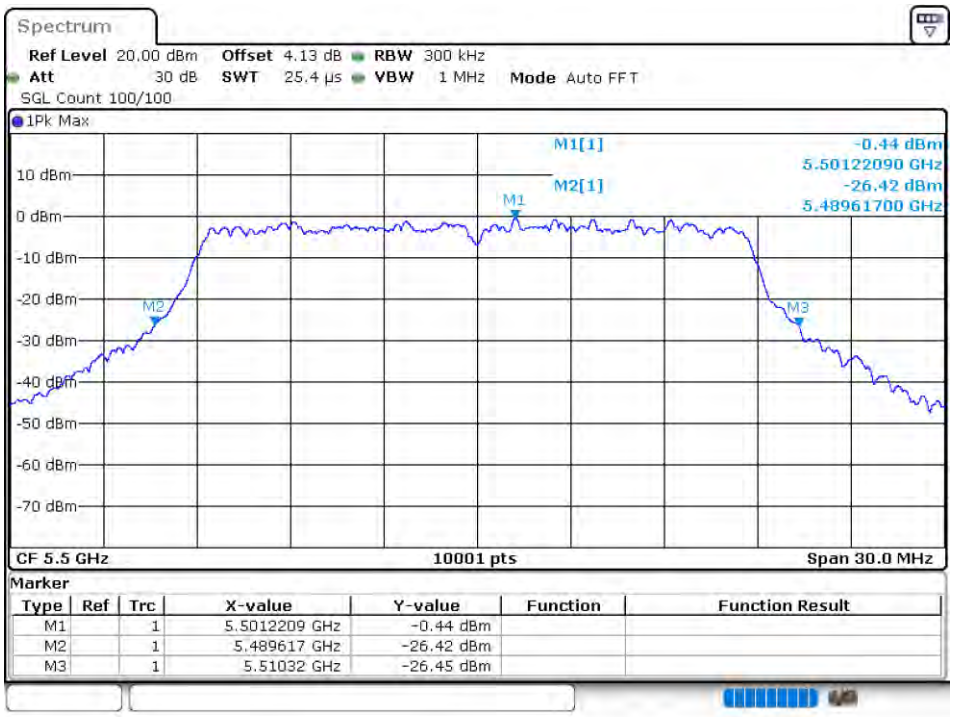
-26dB Bandwidth NVNT ax80 5610MHz Ant1



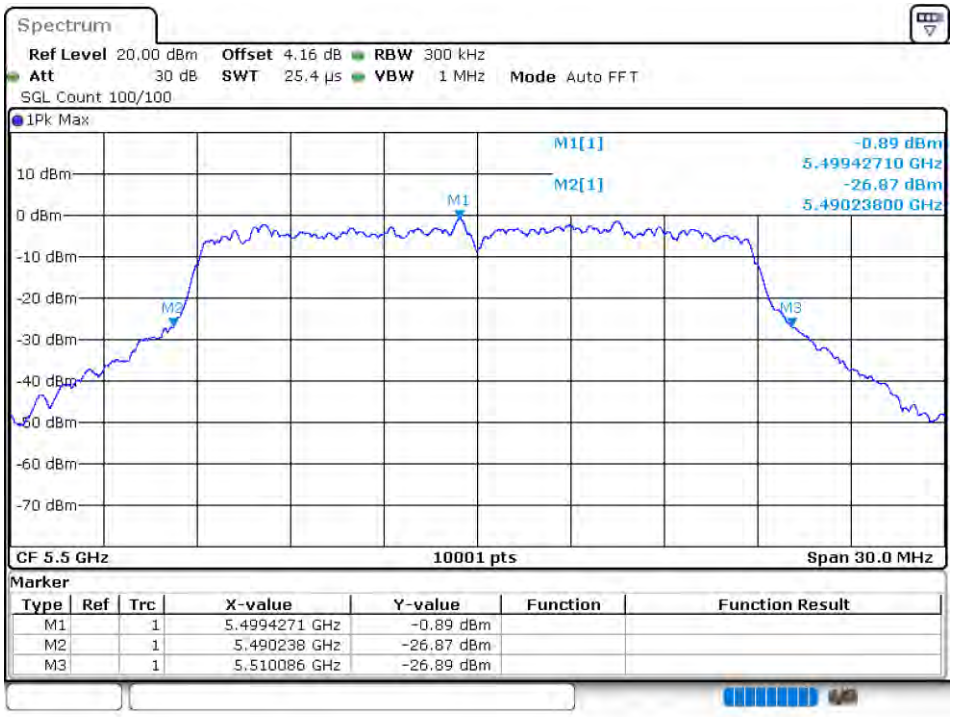
-26dB Bandwidth NVNT ax80 5610MHz Ant2



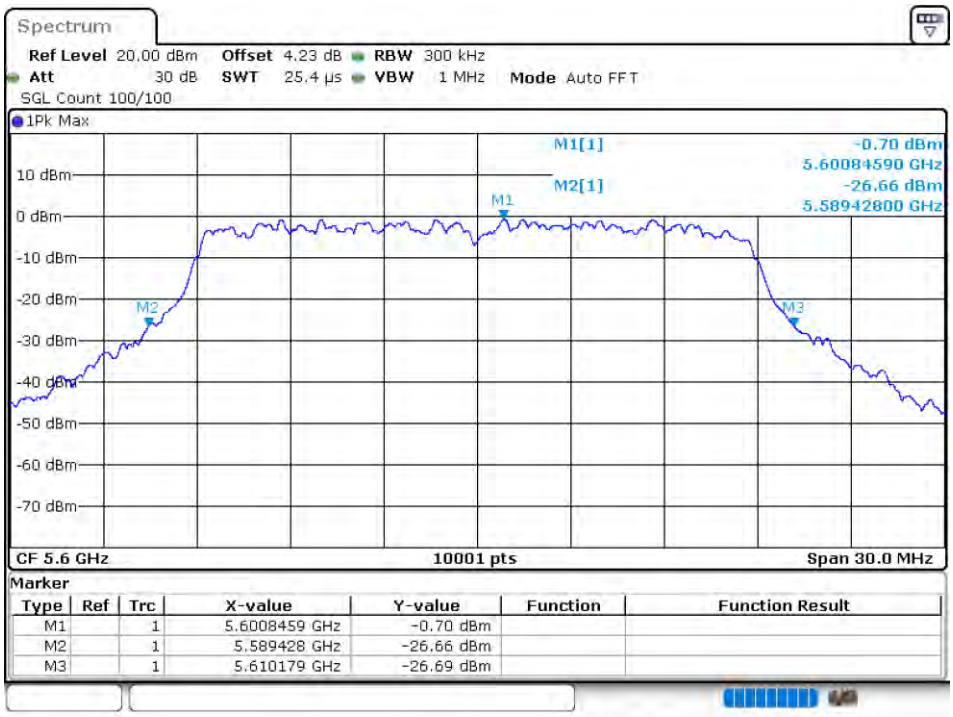
-26dB Bandwidth NVNT n20 5500MHz Ant1



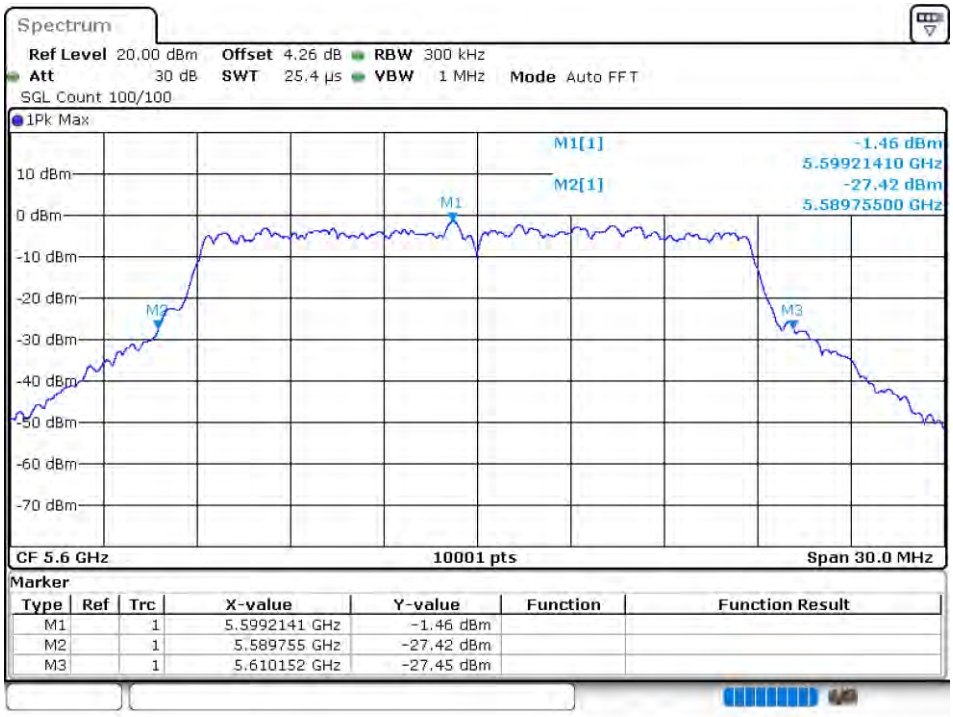
-26dB Bandwidth NVNT n20 5500MHz Ant2



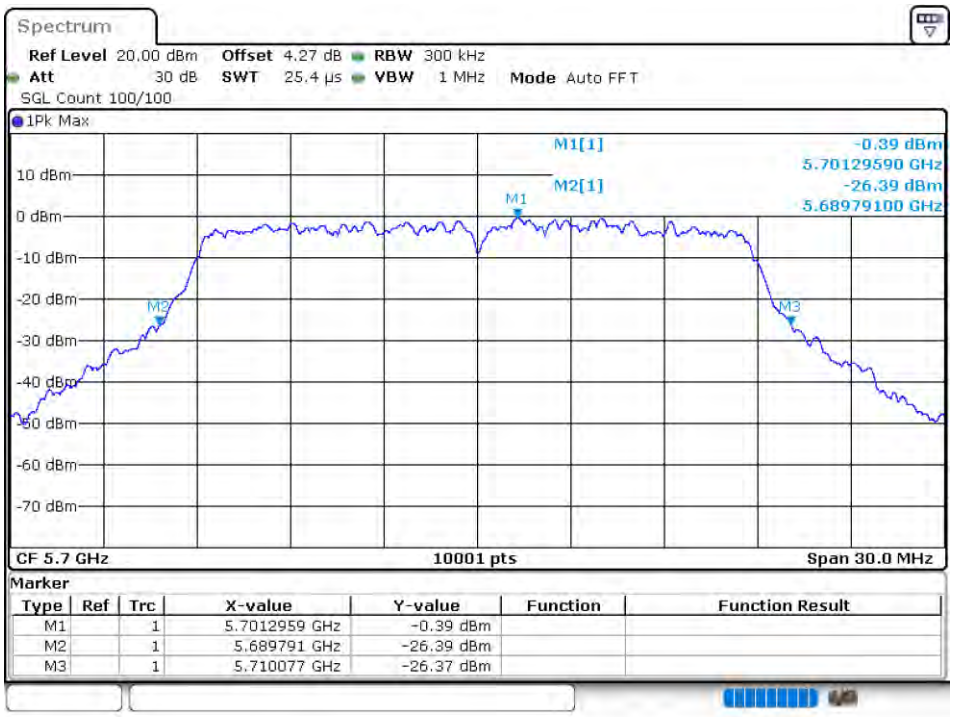
-26dB Bandwidth NVNT n20 5600MHz Ant1



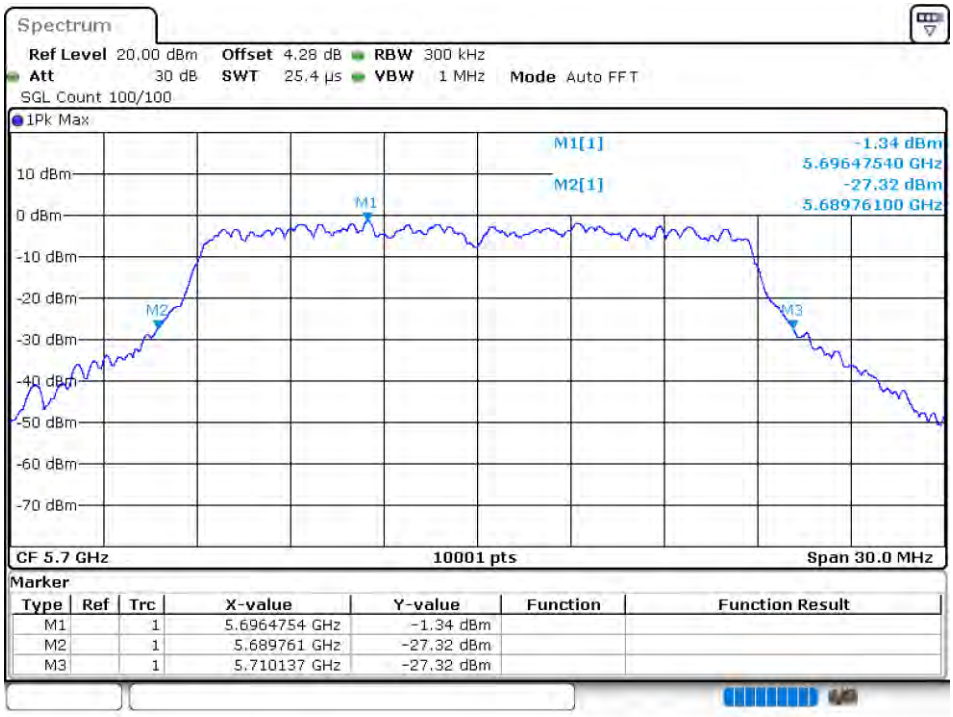
-26dB Bandwidth NVNT n20 5600MHz Ant2



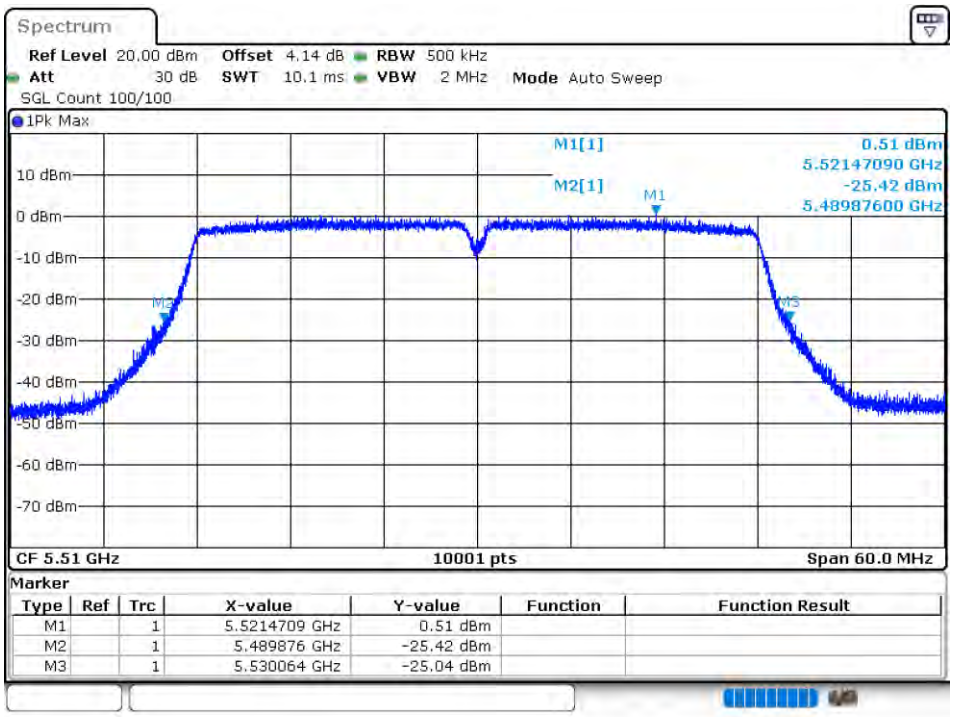
-26dB Bandwidth NVNT n20 5700MHz Ant1



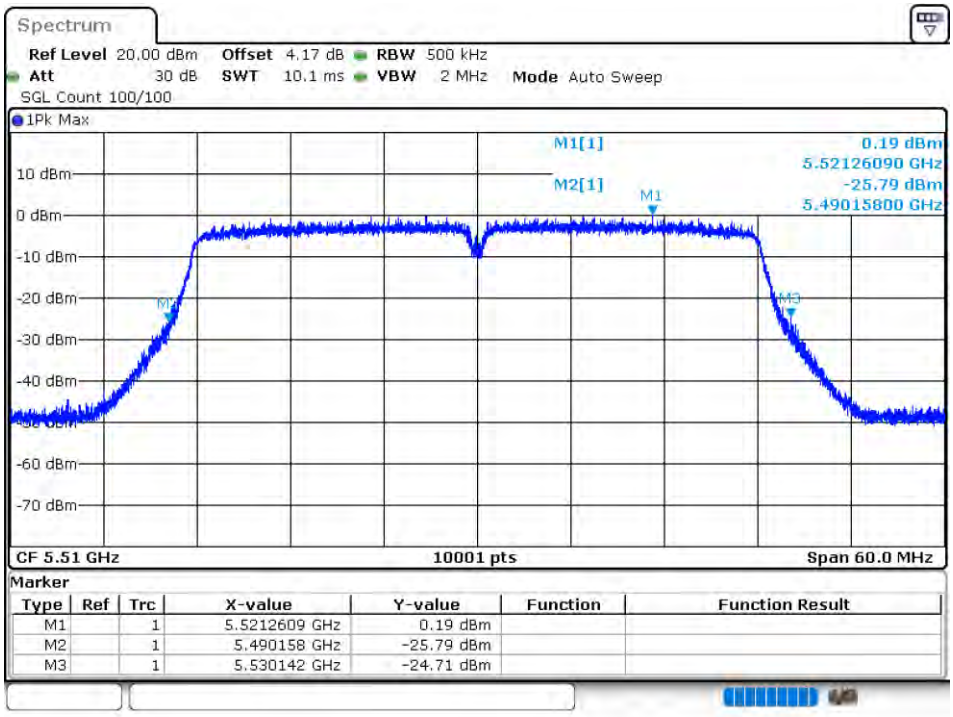
-26dB Bandwidth NVNT n20 5700MHz Ant2



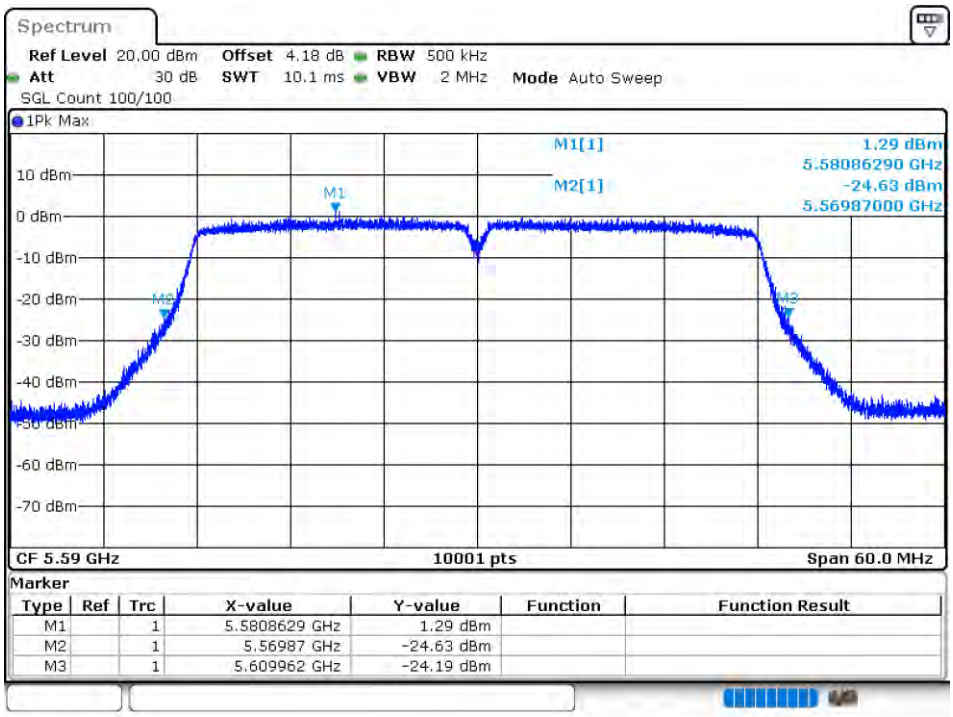
-26dB Bandwidth NVNT n40 5510MHz Ant1



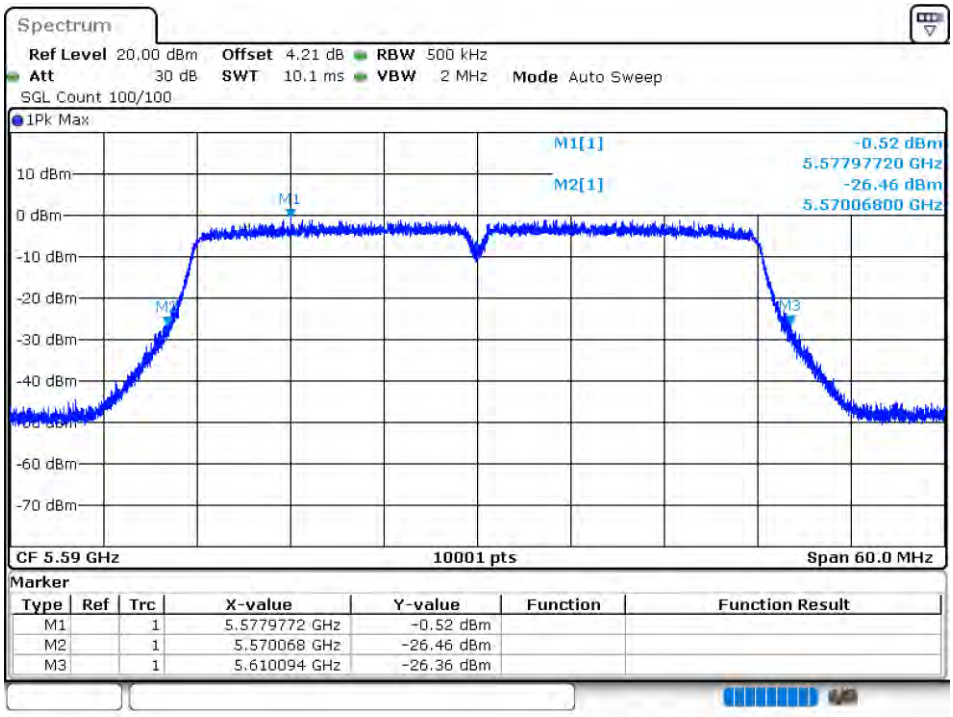
-26dB Bandwidth NVNT n40 5510MHz Ant2



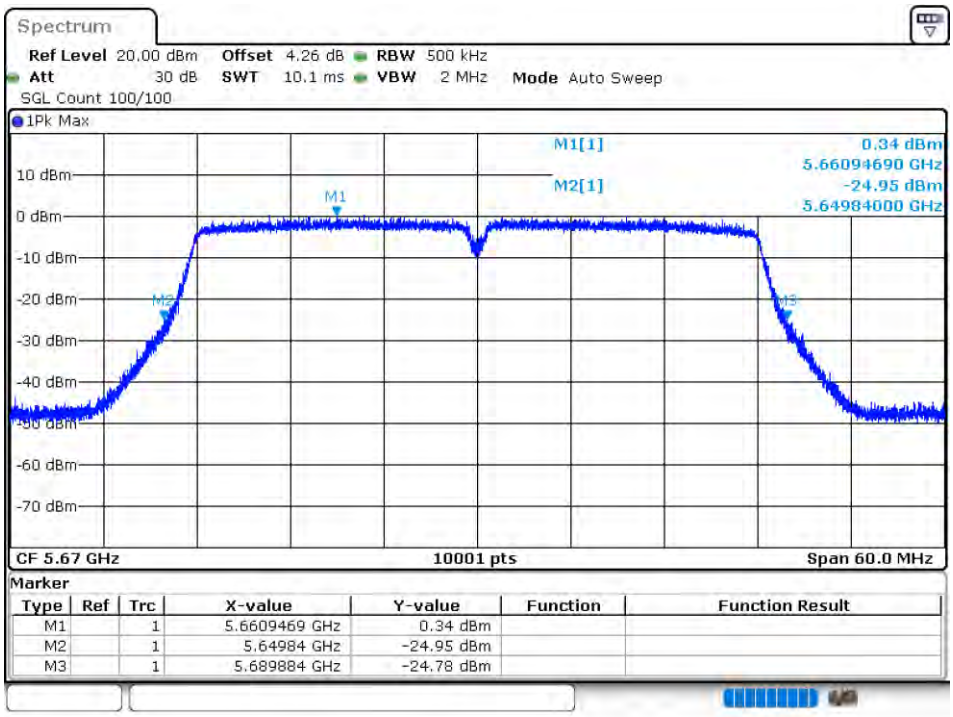
-26dB Bandwidth NVNT n40 5590MHz Ant1



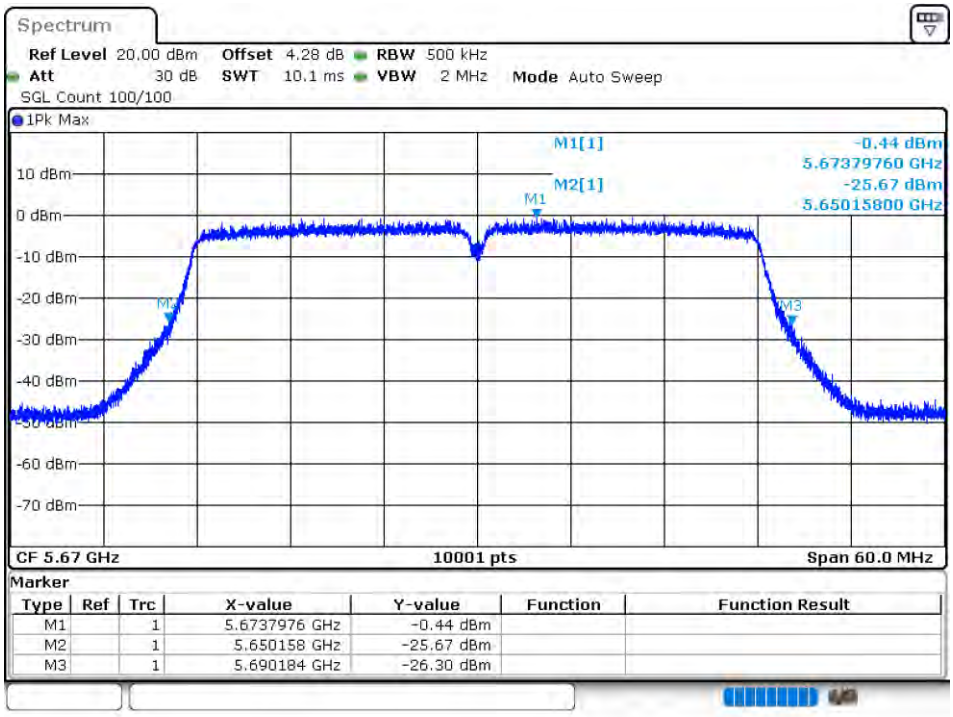
-26dB Bandwidth NVNT n40 5590MHz Ant2



-26dB Bandwidth NVNT n40 5670MHz Ant1



-26dB Bandwidth NVNT n40 5670MHz Ant2

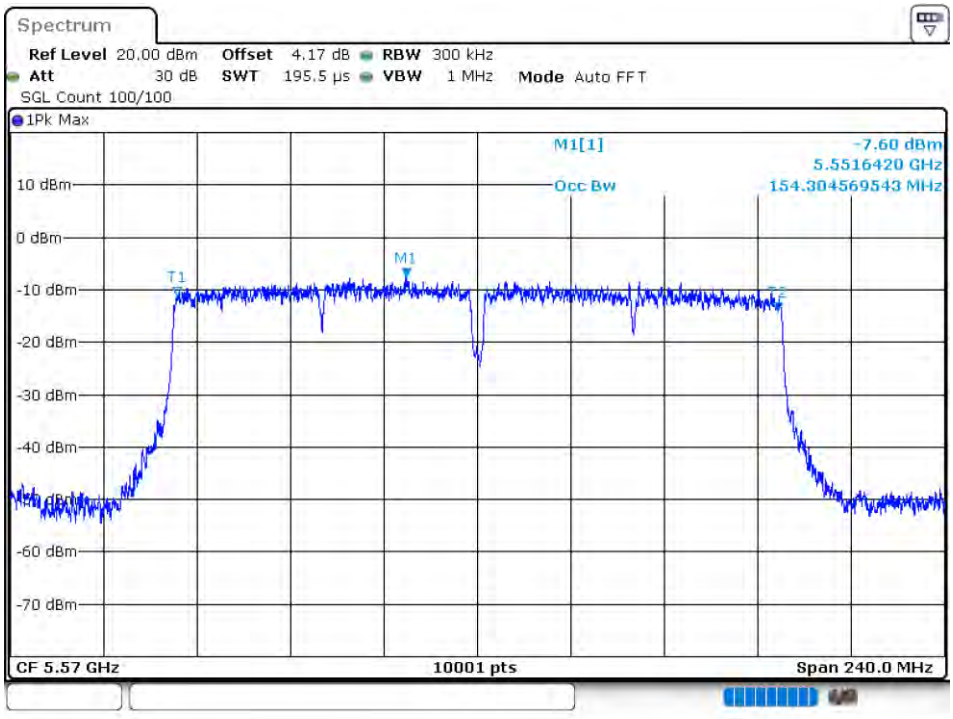


Occupied Channel Bandwidth

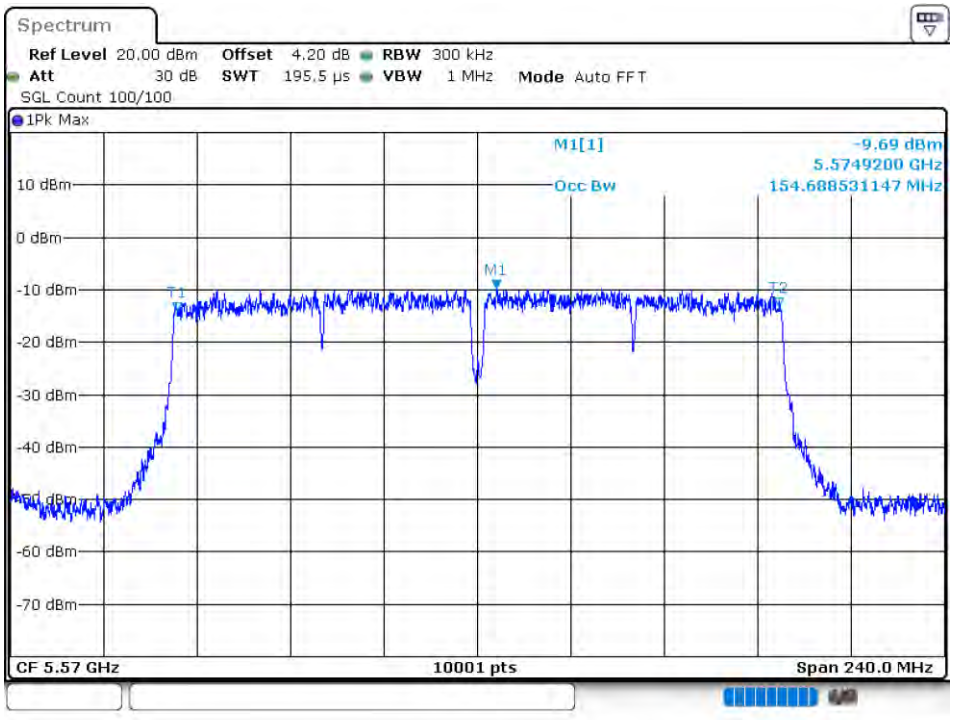
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ac160	5570	Ant1	154.305
NVNT	ac160	5570	Ant2	154.689
NVNT	ac20	5500	Ant1	17.665
NVNT	ac20	5500	Ant2	17.563
NVNT	ac20	5600	Ant1	17.617
NVNT	ac20	5600	Ant2	17.599
NVNT	ac20	5700	Ant1	17.59
NVNT	ac20	5700	Ant2	17.608
NVNT	ac40	5510	Ant1	36.08
NVNT	ac40	5510	Ant2	36.086
NVNT	ac40	5590	Ant1	36.074
NVNT	ac40	5590	Ant2	36.086
NVNT	ac40	5670	Ant1	36.062
NVNT	ac40	5670	Ant2	36.062
NVNT	ac80	5530	Ant1	75.352
NVNT	ac80	5530	Ant2	75.316
NVNT	ac80	5610	Ant1	75.424
NVNT	ac80	5610	Ant2	75.424
NVNT	ax160	5570	Ant1	156.2
NVNT	ax160	5570	Ant2	156.488
NVNT	ax20	5500	Ant1	18.979
NVNT	ax20	5500	Ant2	18.898
NVNT	ax20	5600	Ant1	18.94
NVNT	ax20	5600	Ant2	18.934
NVNT	ax20	5700	Ant1	18.913
NVNT	ax20	5700	Ant2	18.874
NVNT	ax40	5510	Ant1	37.712
NVNT	ax40	5510	Ant2	37.694
NVNT	ax40	5590	Ant1	37.712
NVNT	ax40	5590	Ant2	37.724
NVNT	ax40	5670	Ant1	37.724
NVNT	ax40	5670	Ant2	37.688
NVNT	ax80	5530	Ant1	77.116
NVNT	ax80	5530	Ant2	77.056
NVNT	ax80	5610	Ant1	77.104
NVNT	ax80	5610	Ant2	77.152
NVNT	n20	5500	Ant1	17.572
NVNT	n20	5500	Ant2	17.581
NVNT	n20	5600	Ant1	17.59
NVNT	n20	5600	Ant2	17.569
NVNT	n20	5700	Ant1	17.596
NVNT	n20	5700	Ant2	17.617
NVNT	n40	5510	Ant1	36.074
NVNT	n40	5510	Ant2	36.074

NVNT	n40	5590	Ant1	36.074
NVNT	n40	5590	Ant2	36.074
NVNT	n40	5670	Ant1	36.068
NVNT	n40	5670	Ant2	36.068

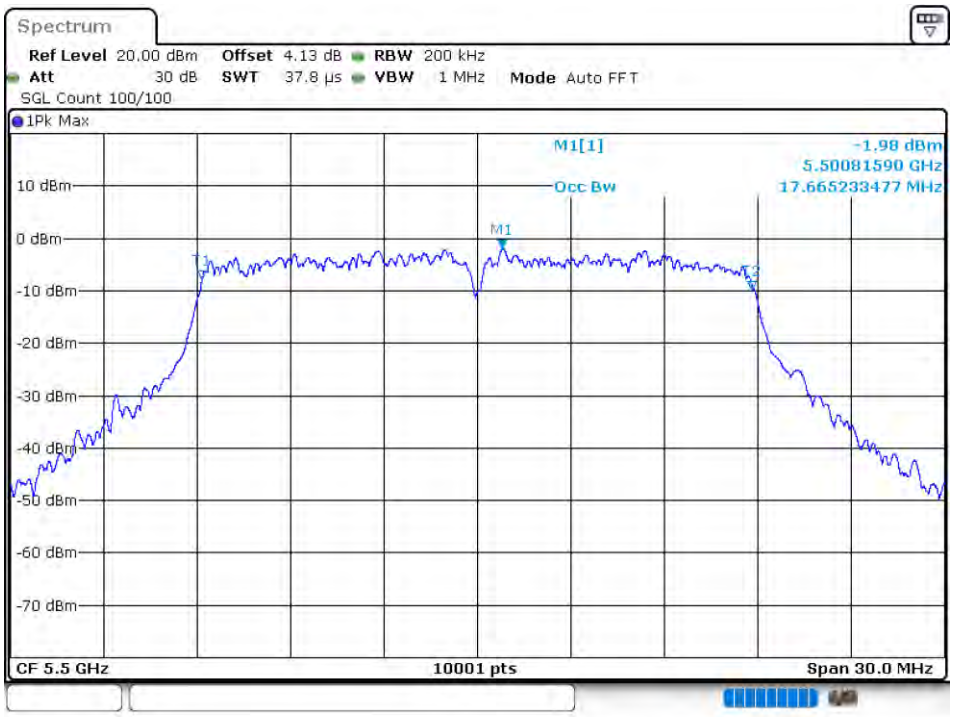
Test Graphs
OBW NVNT ac160 5570MHz Ant1



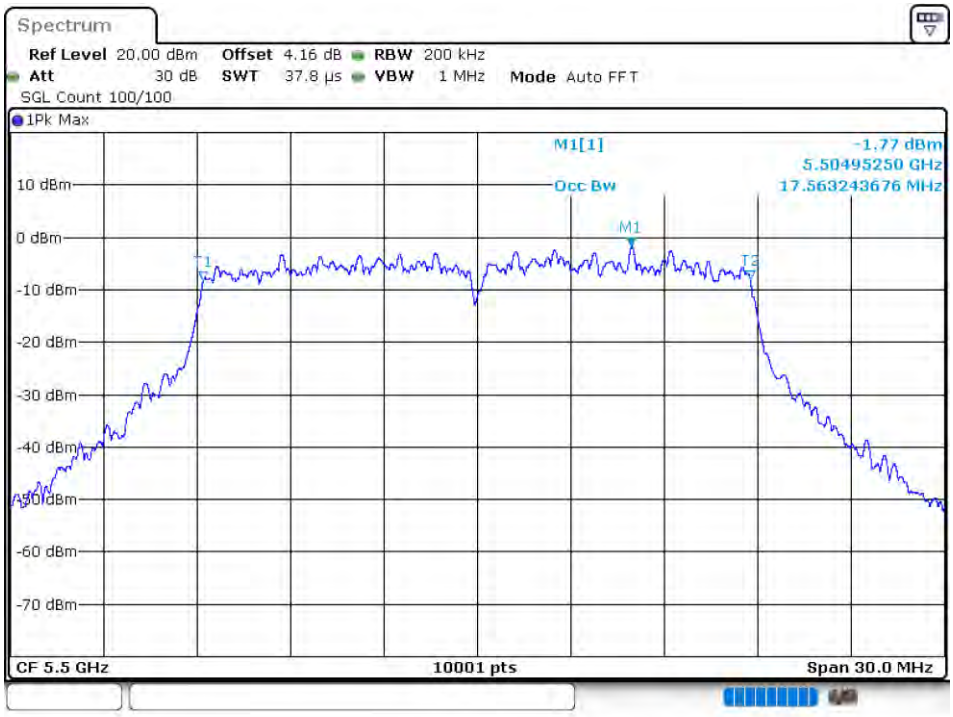
OBW NVNT ac160 5570MHz Ant2



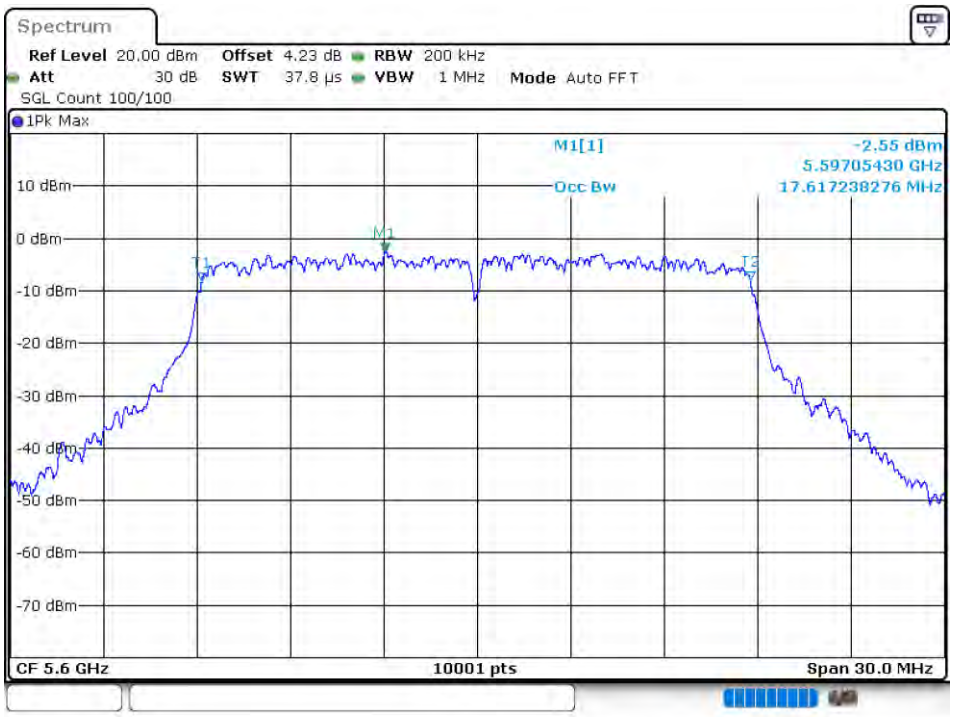
OBW NVNT ac20 5500MHz Ant1



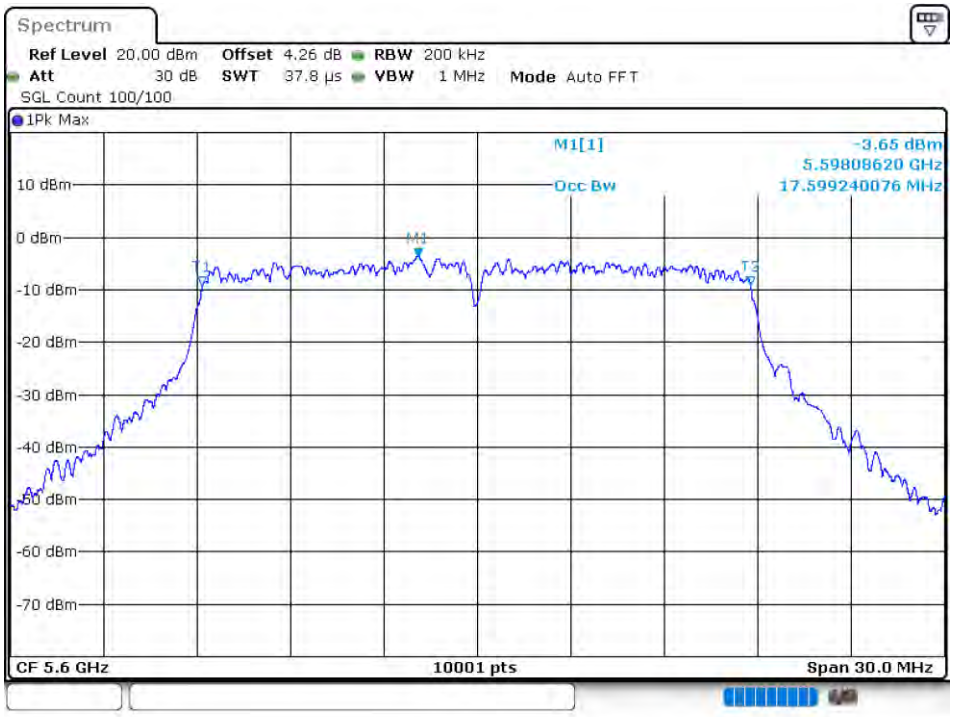
OBW NVNT ac20 5500MHz Ant2



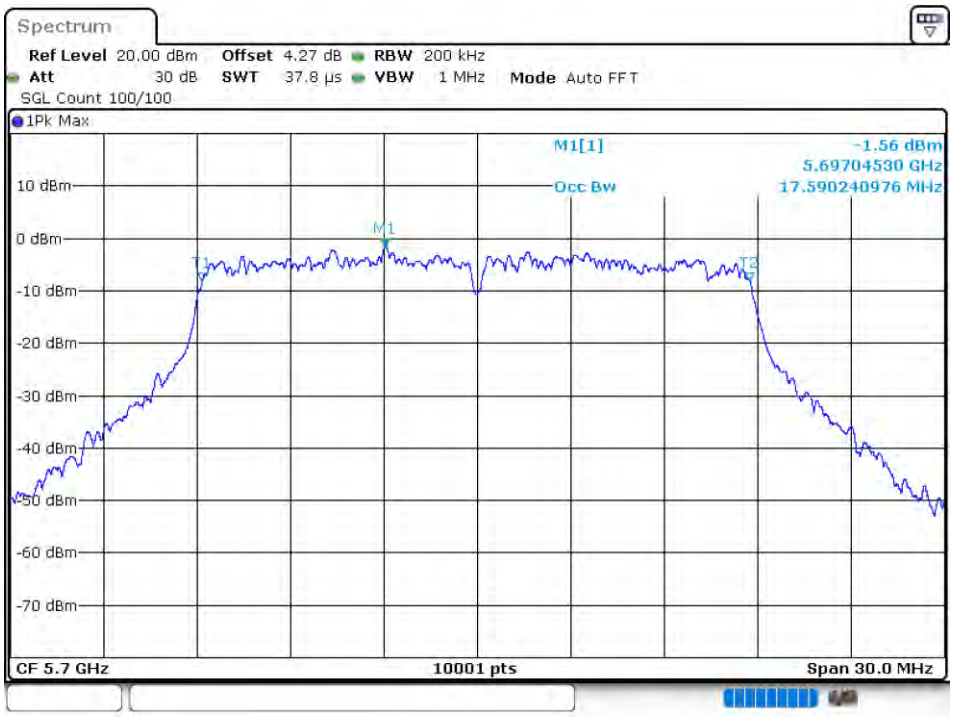
OBW NVNT ac20 5600MHz Ant1



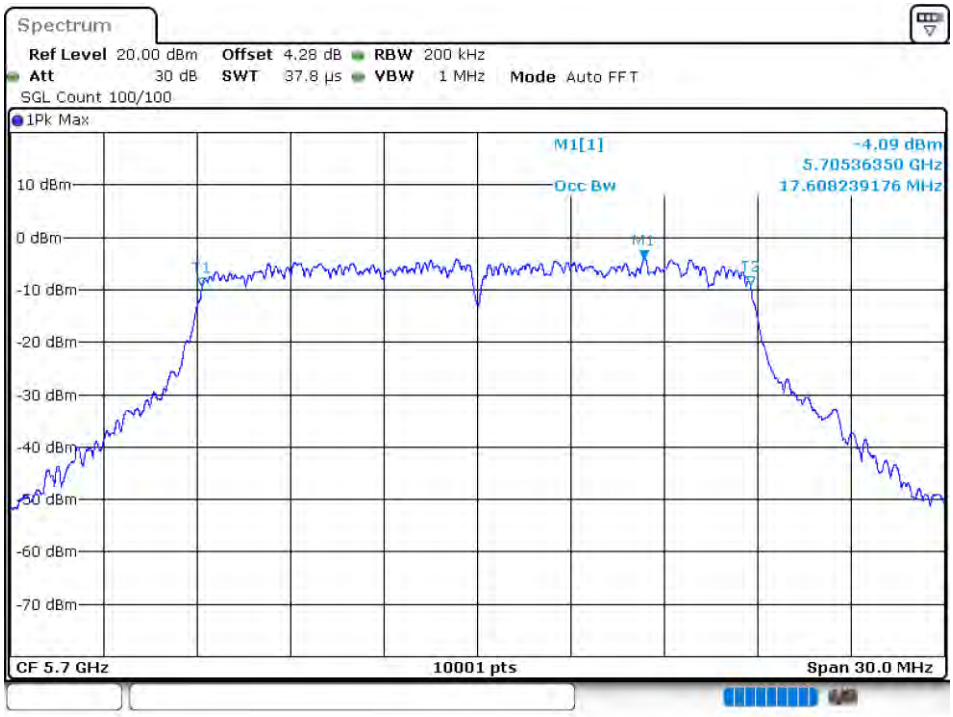
OBW NVNT ac20 5600MHz Ant2



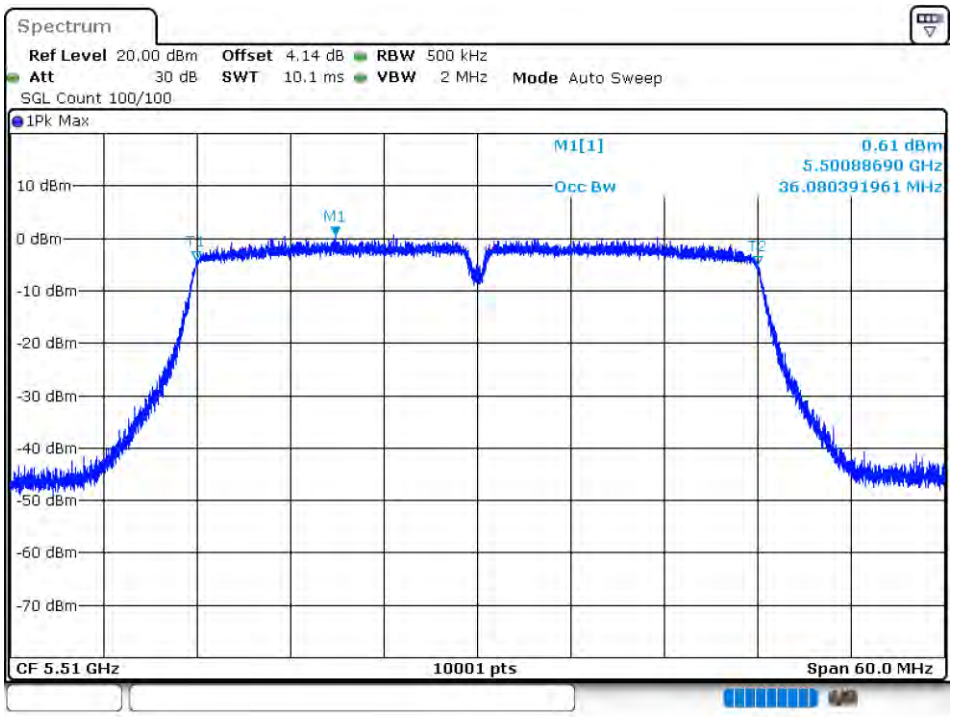
OBW NVNT ac20 5700MHz Ant1



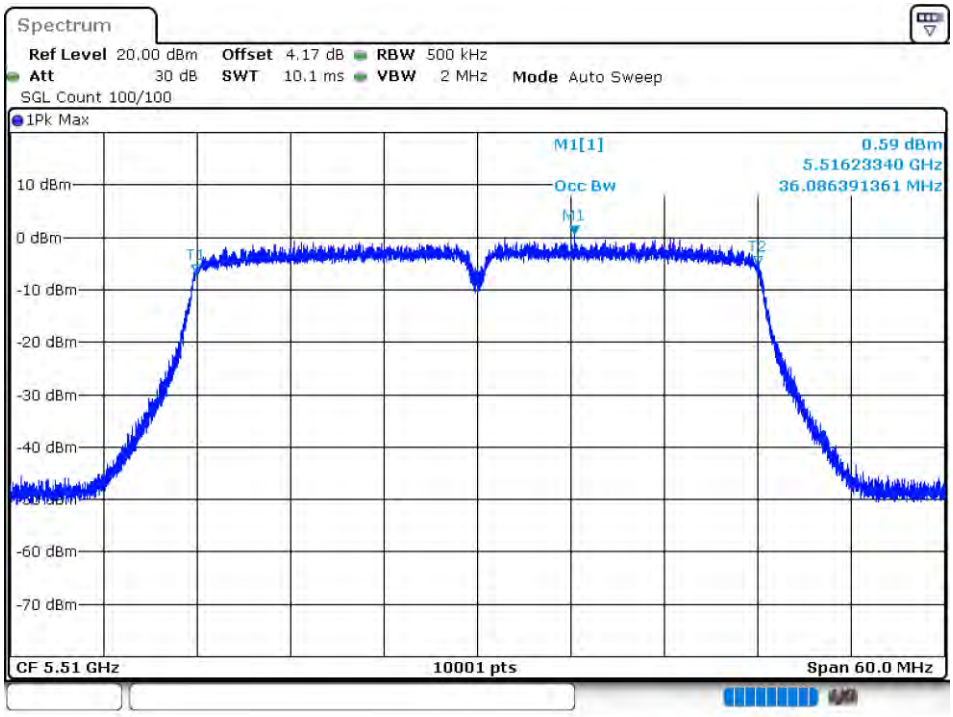
OBW NVNT ac20 5700MHz Ant2



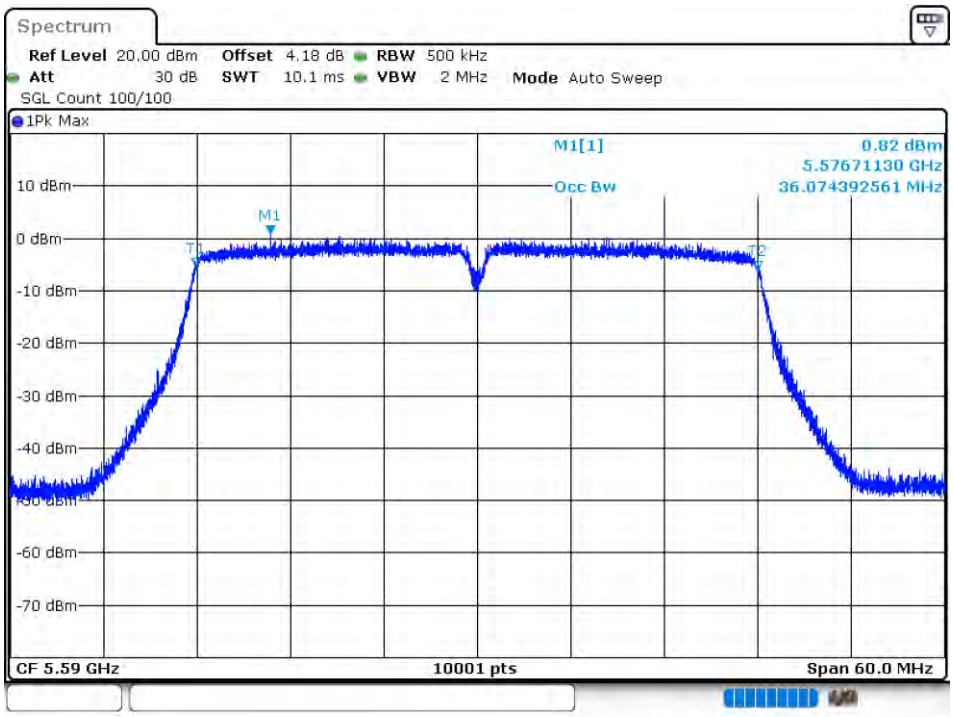
OBW NVNT ac40 5510MHz Ant1



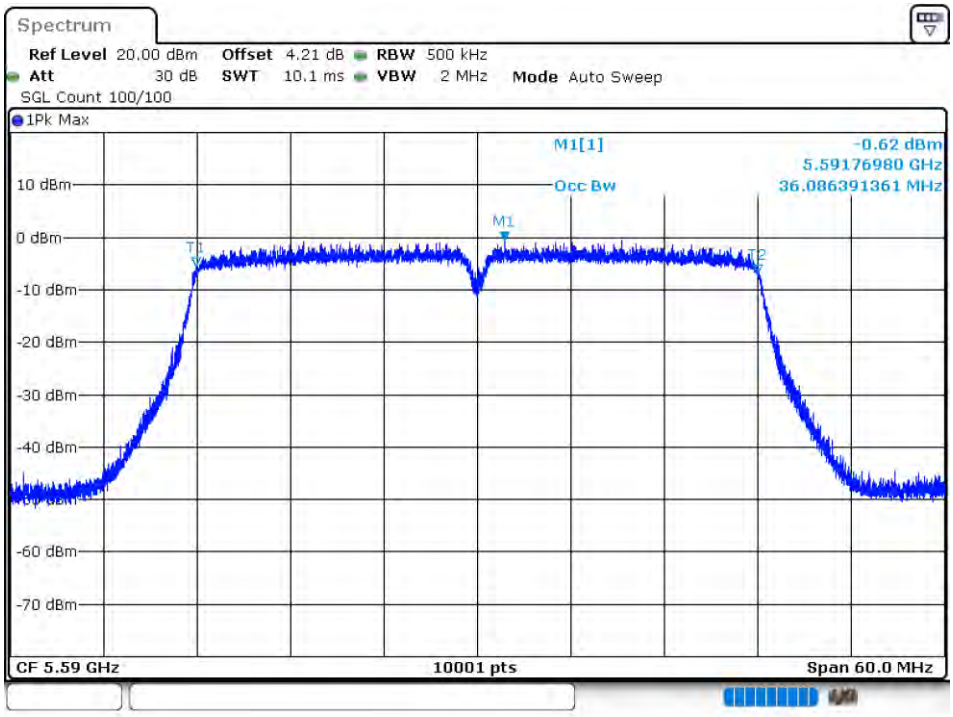
OBW NVNT ac40 5510MHz Ant2



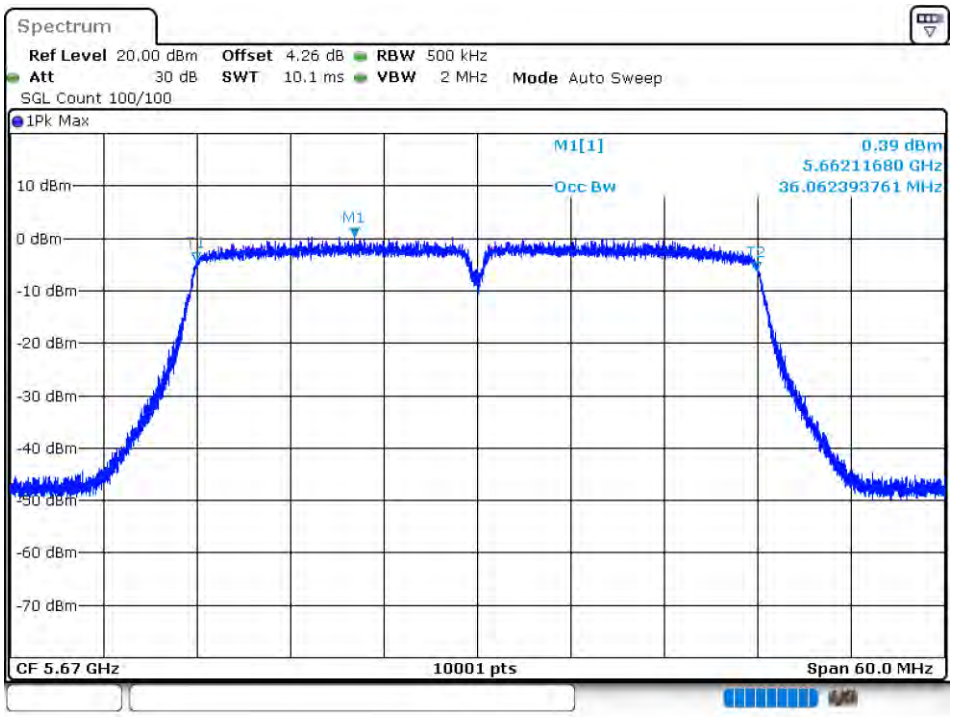
OBW NVNT ac40 5590MHz Ant1



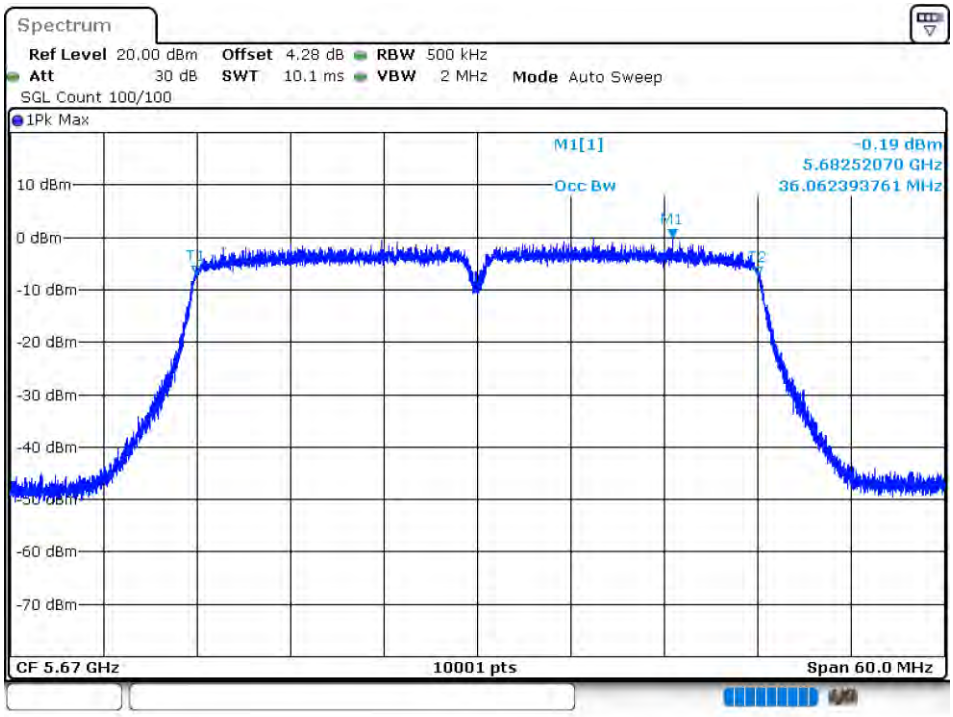
OBW NVNT ac40 5590MHz Ant2



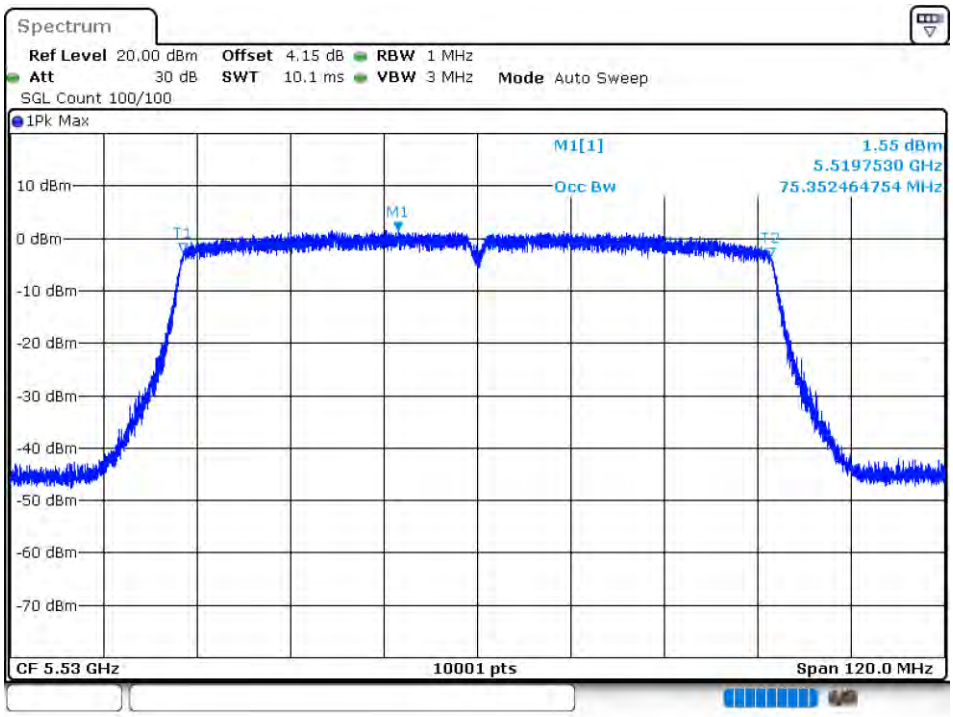
OBW NVNT ac40 5670MHz Ant1



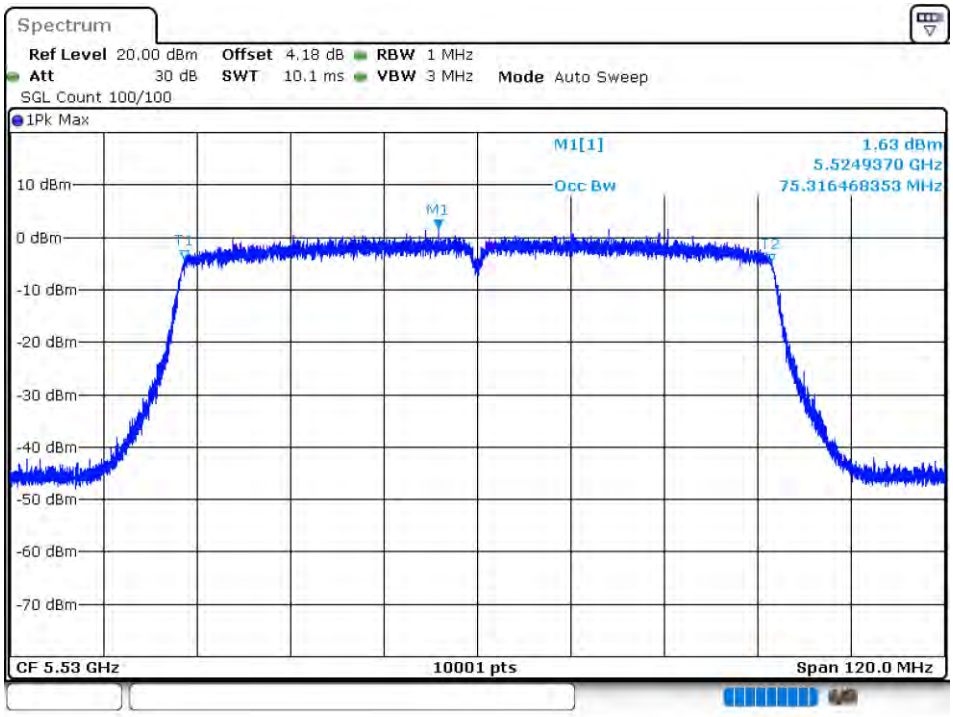
OBW NVNT ac40 5670MHz Ant2



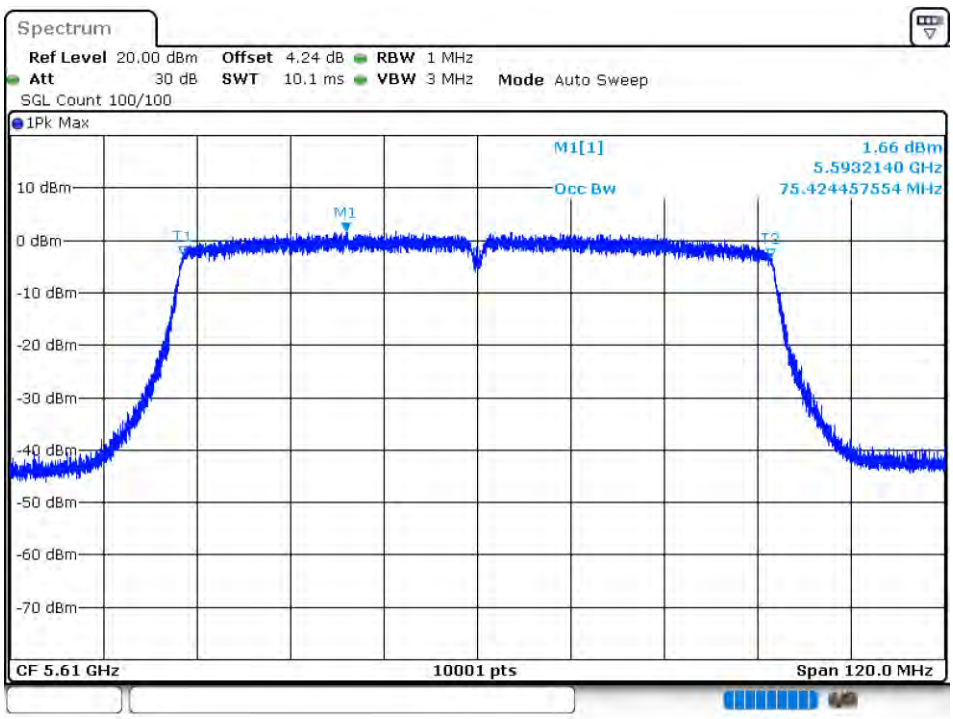
OBW NVNT ac80 5530MHz Ant1



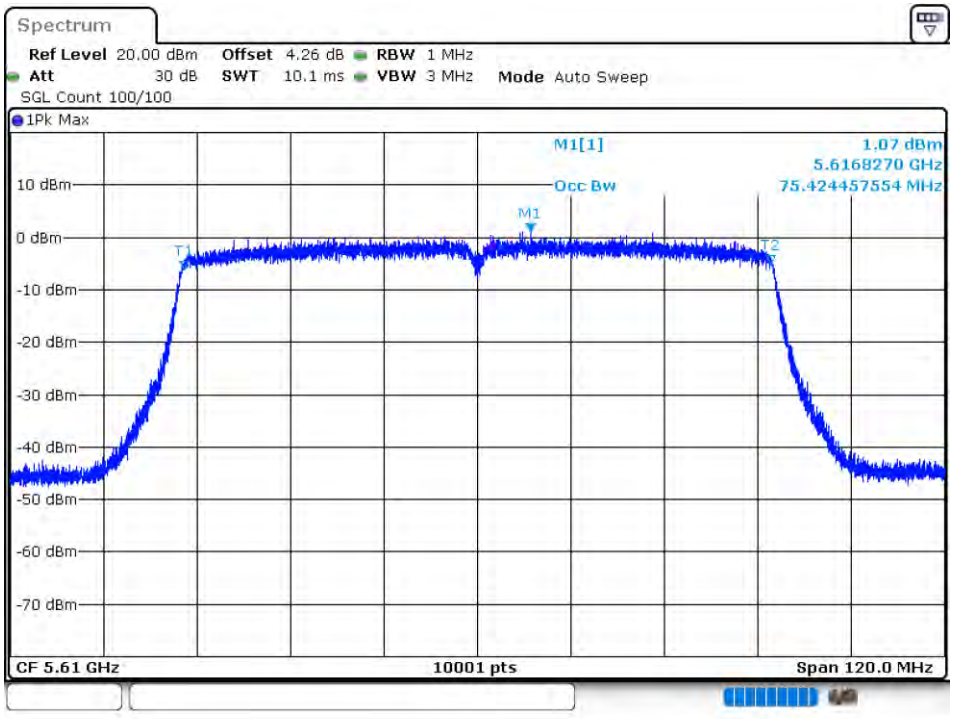
OBW NVNT ac80 5530MHz Ant2



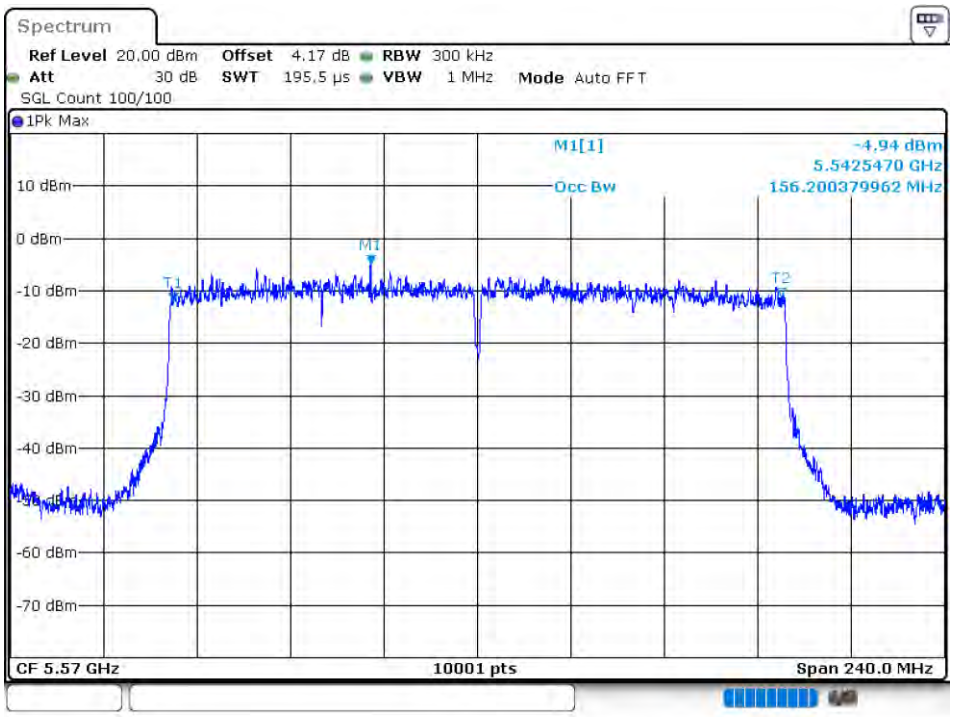
OBW NVNT ac80 5610MHz Ant1



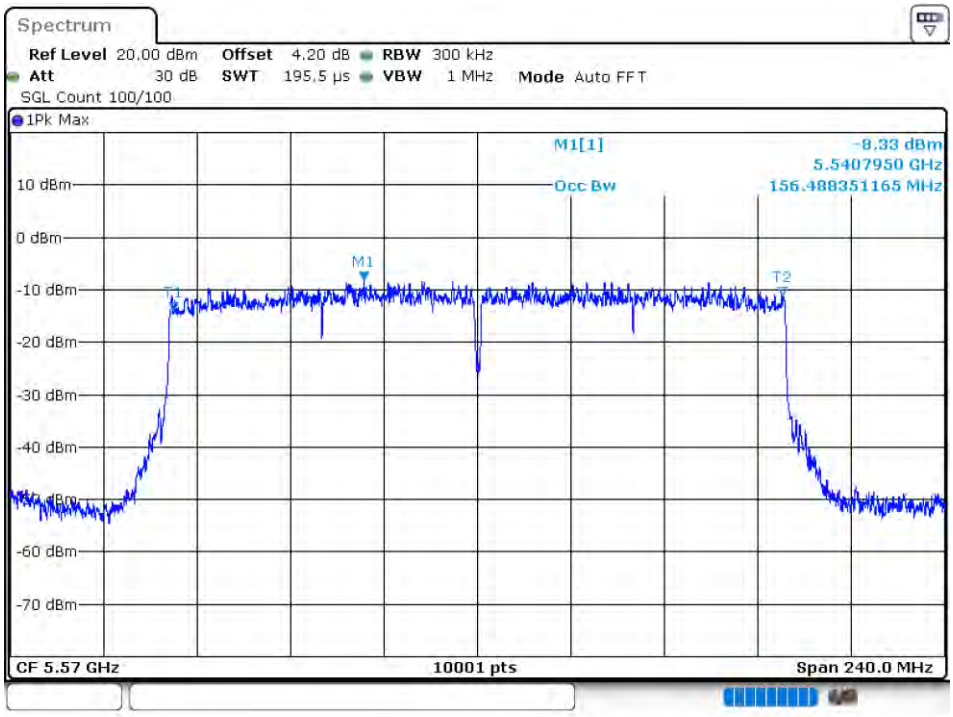
OBW NVNT ac80 5610MHz Ant2



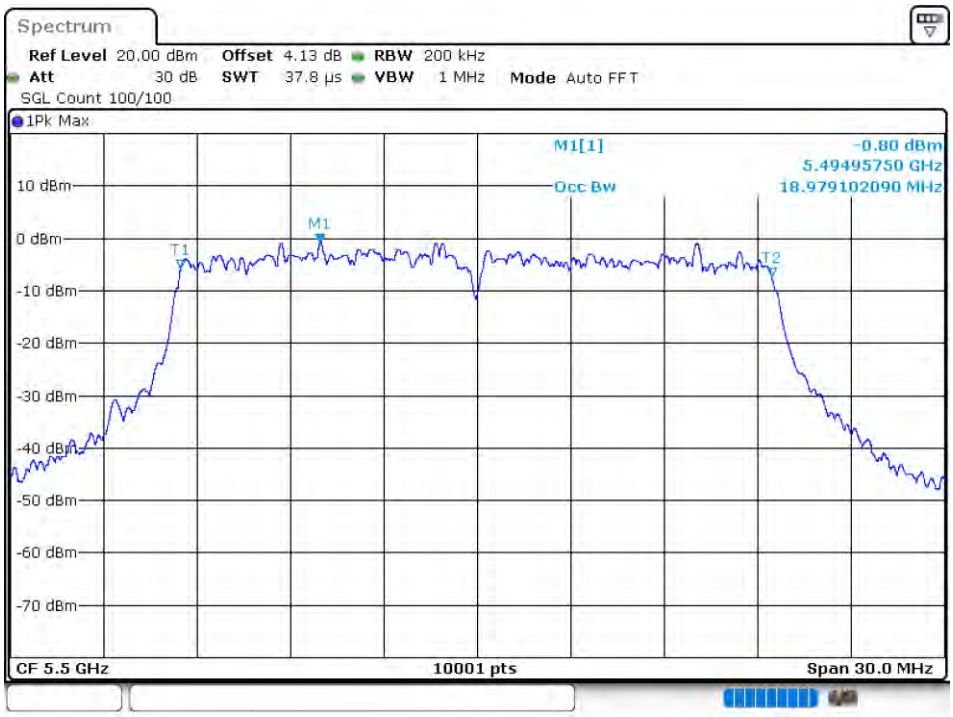
OBW NVNT ax160 5570MHz Ant1



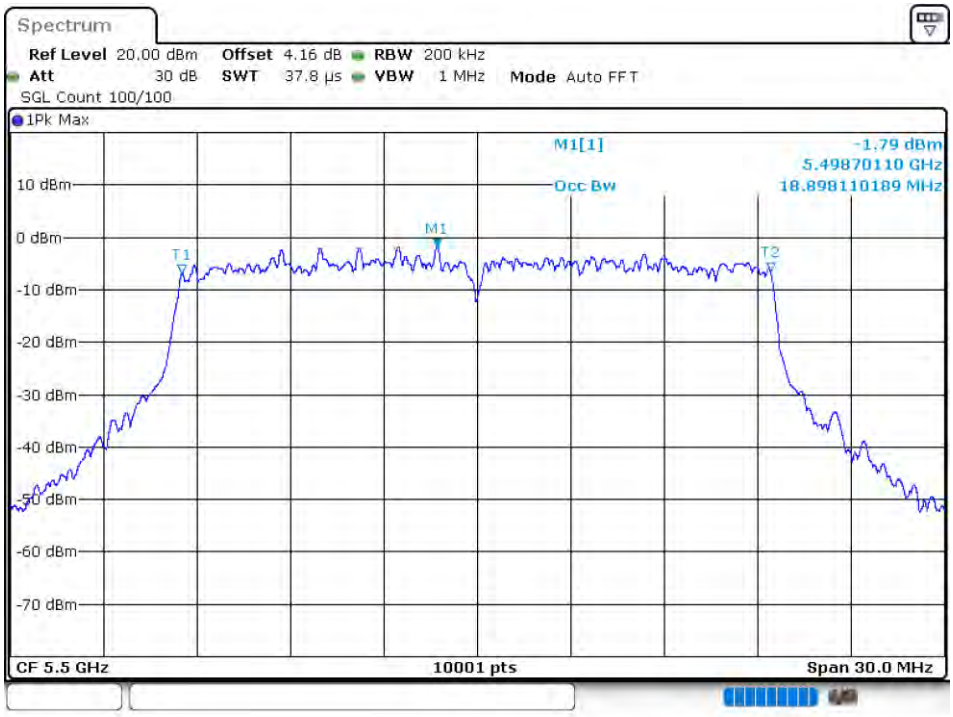
OBW NVNT ax160 5570MHz Ant2



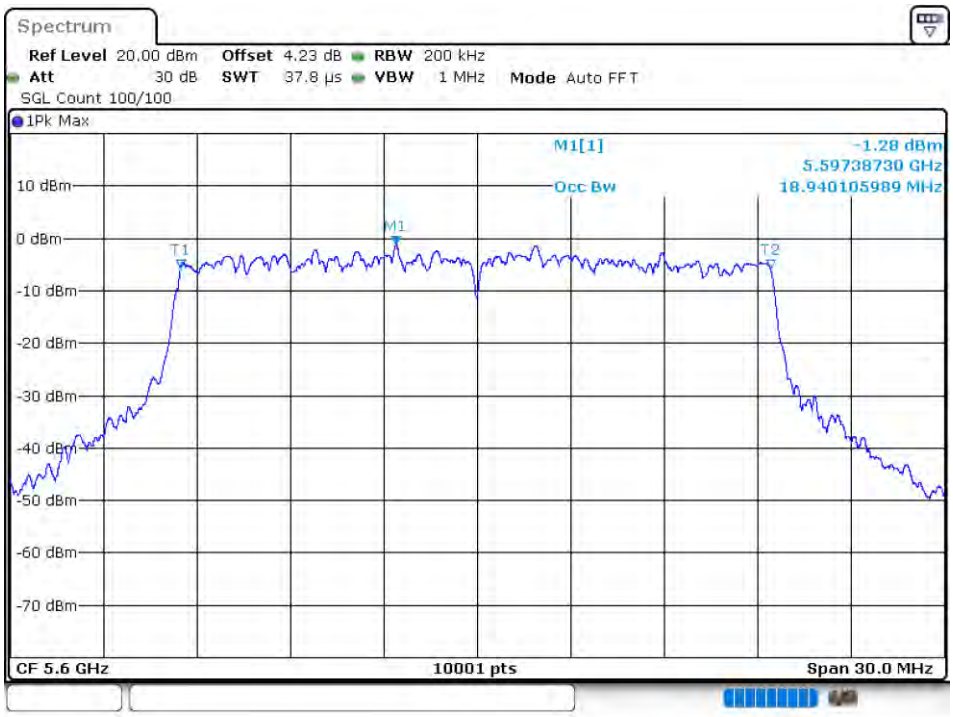
OBW NVNT ax20 5500MHz Ant1



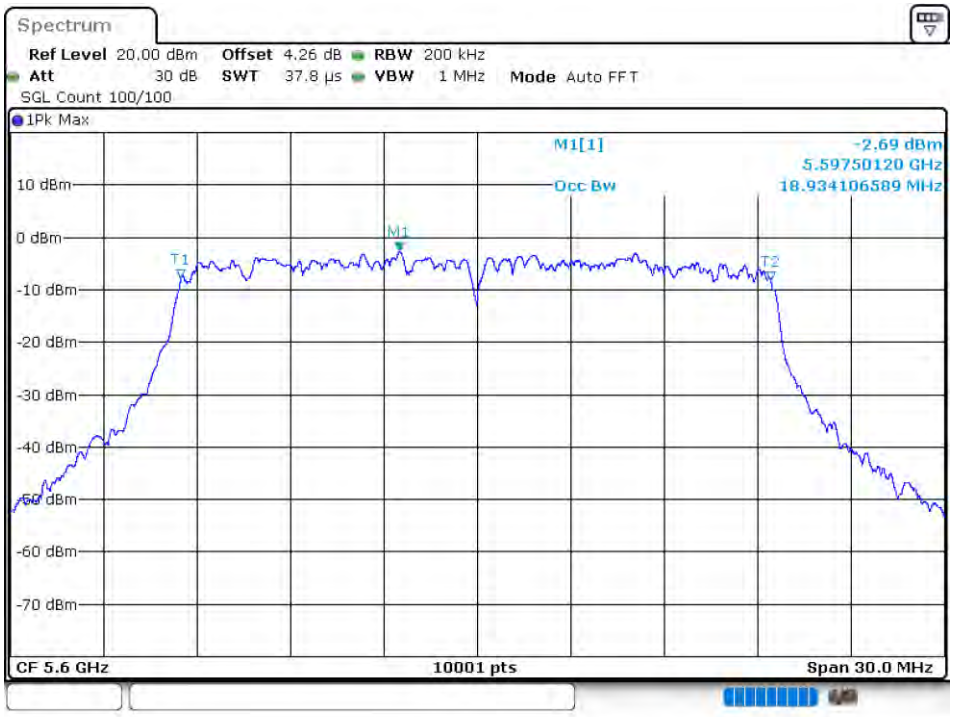
OBW NVNT ax20 5500MHz Ant2



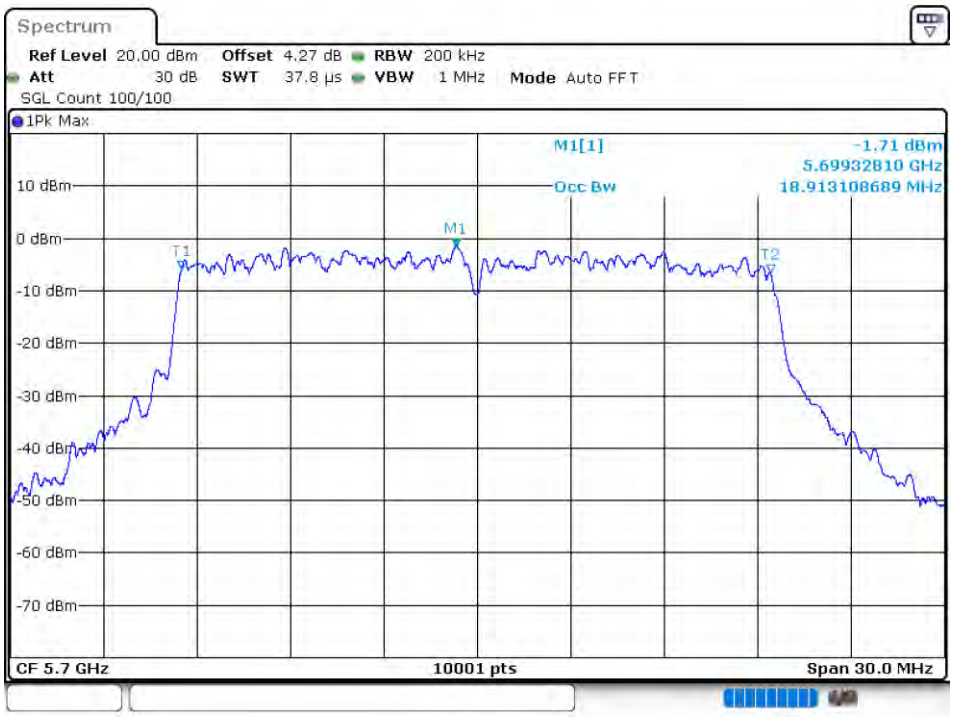
OBW NVNT ax20 5600MHz Ant1



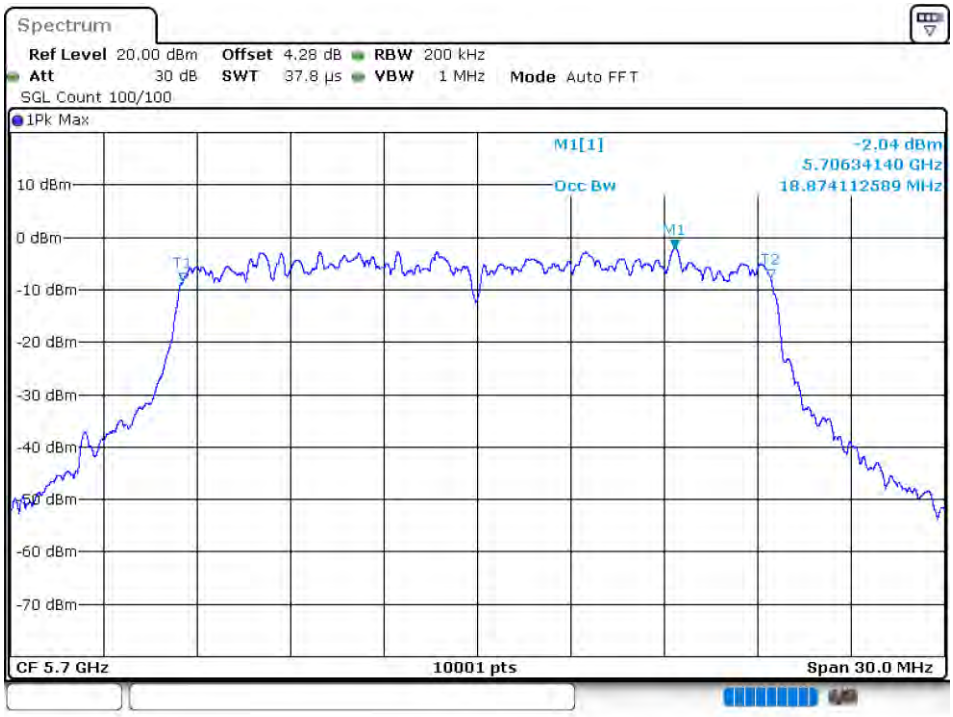
OBW NVNT ax20 5600MHz Ant2



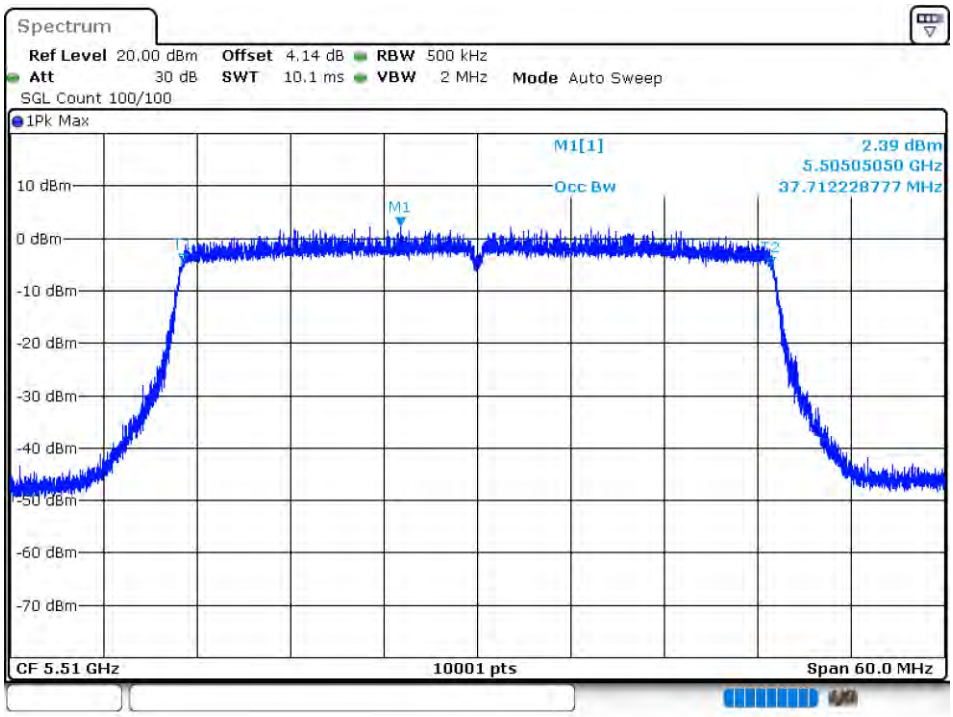
OBW NVNT ax20 5700MHz Ant1



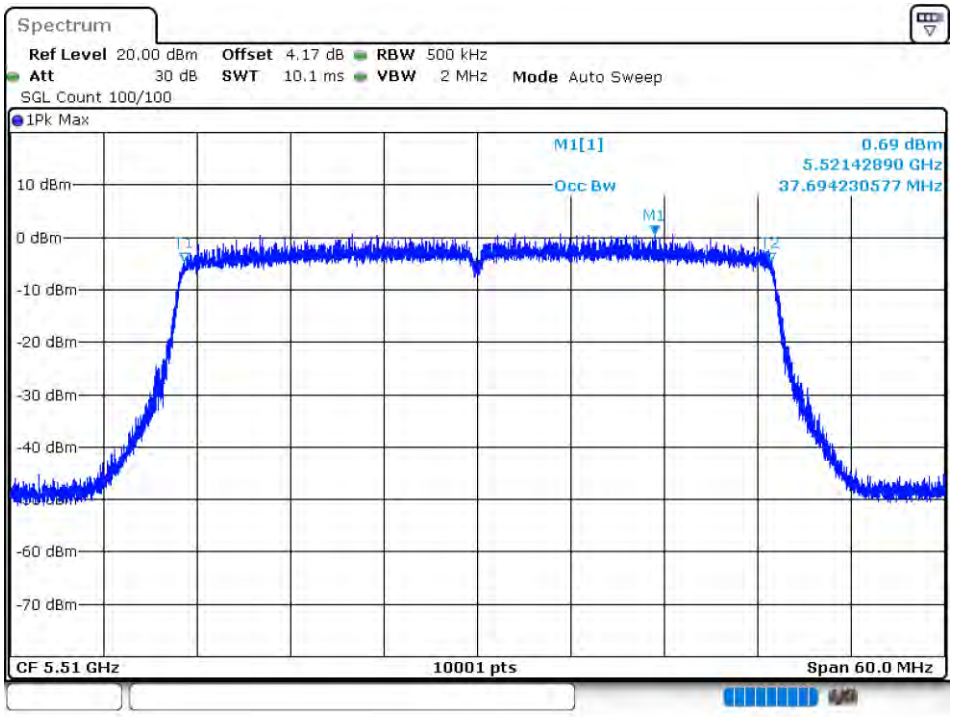
OBW NVNT ax20 5700MHz Ant2



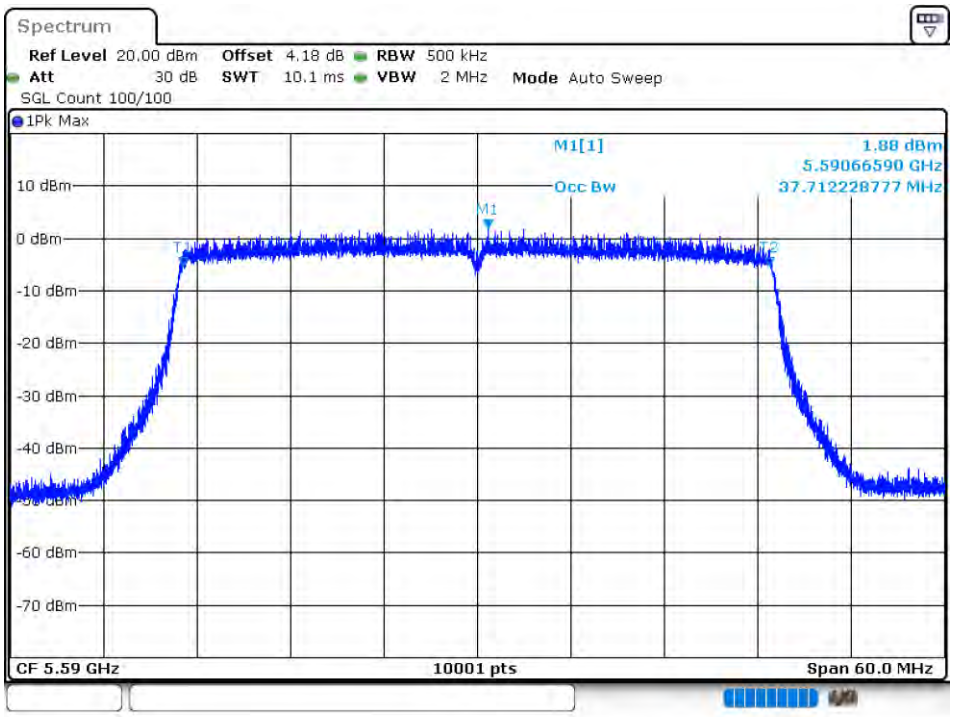
OBW NVNT ax40 5510MHz Ant1



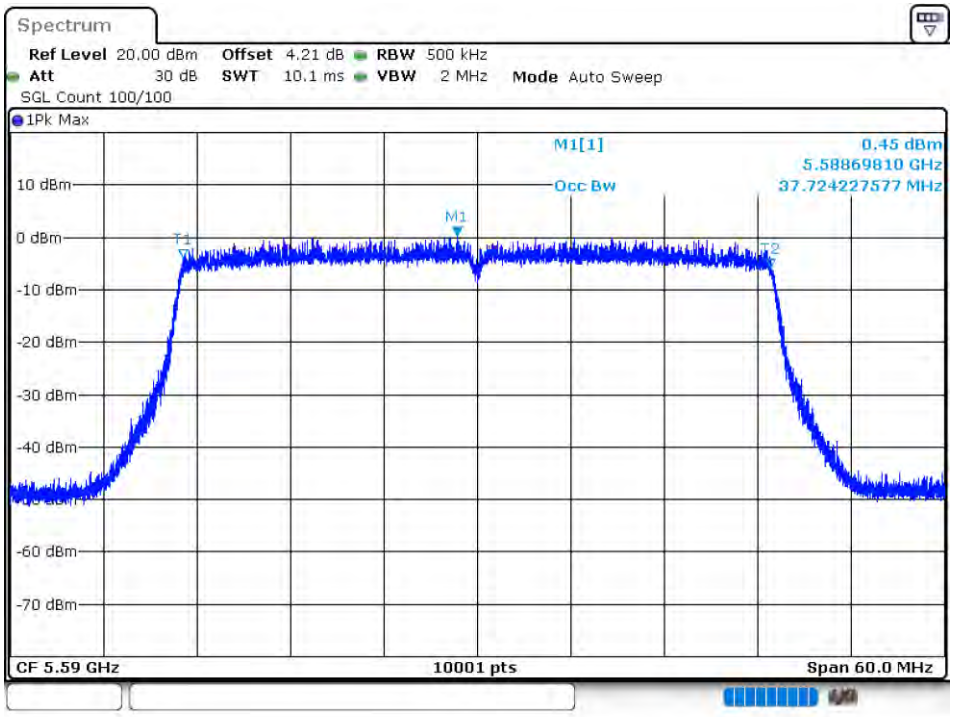
OBW NVNT ax40 5510MHz Ant2



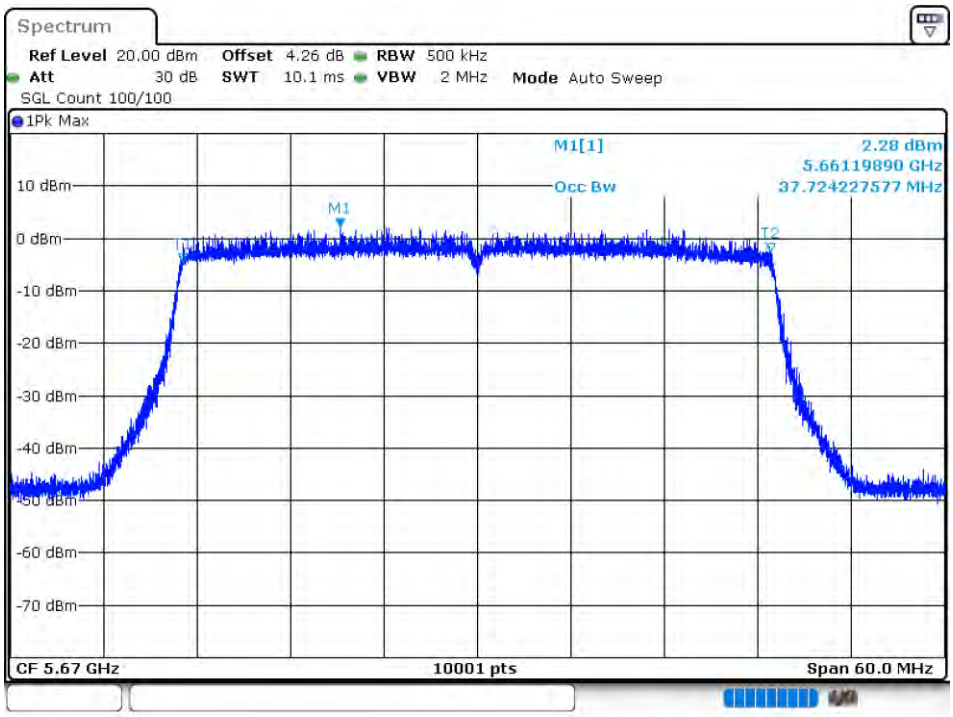
OBW NVNT ax40 5590MHz Ant1



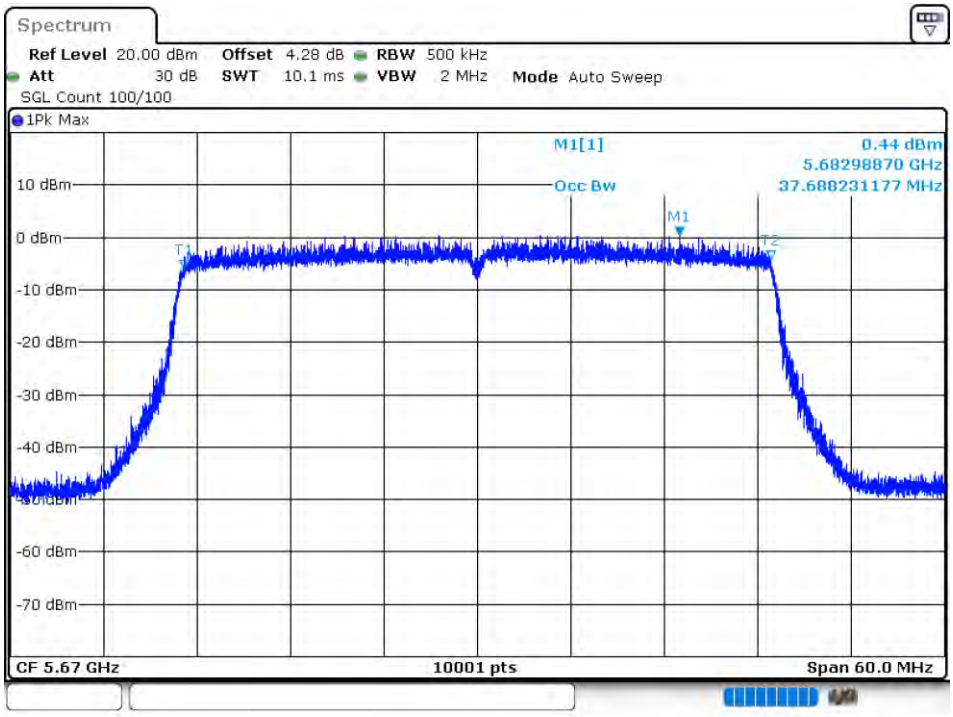
OBW NVNT ax40 5590MHz Ant2



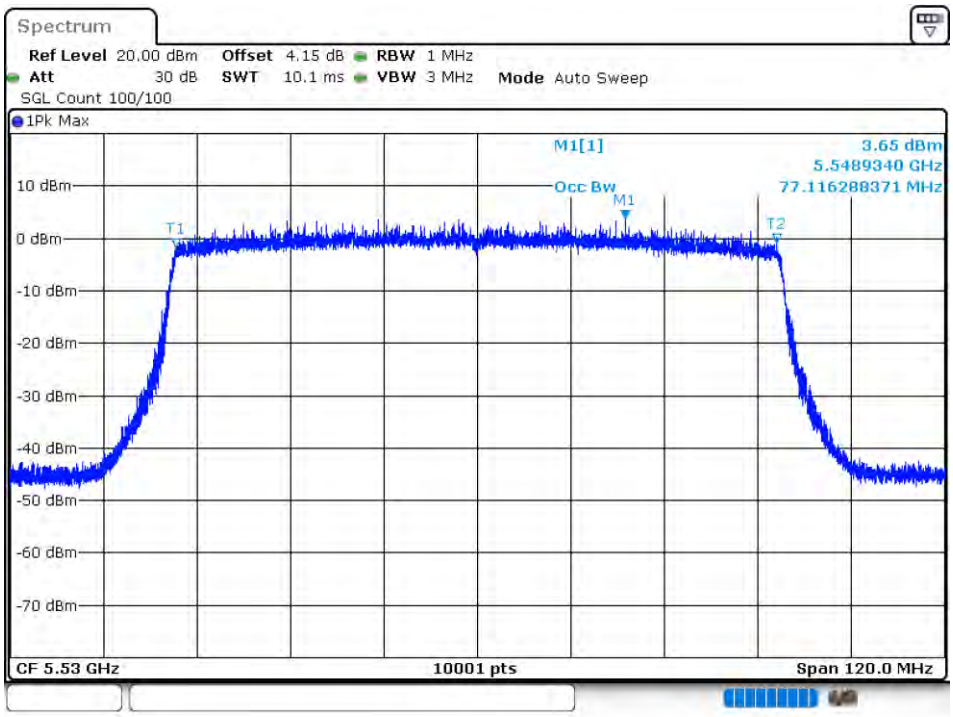
OBW NVNT ax40 5670MHz Ant1



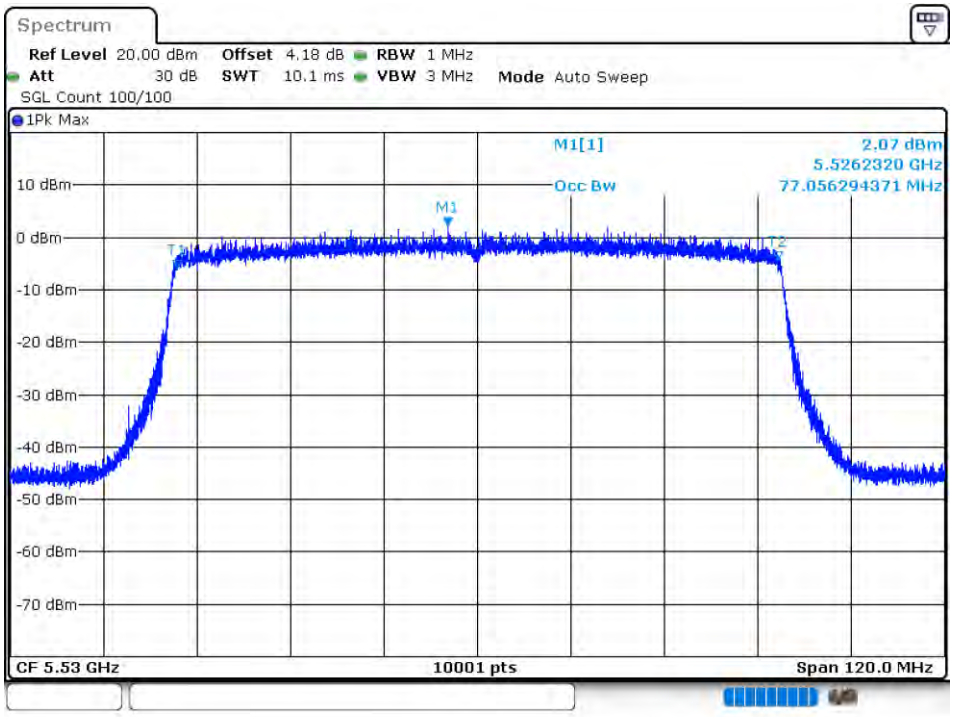
OBW NVNT ax40 5670MHz Ant2



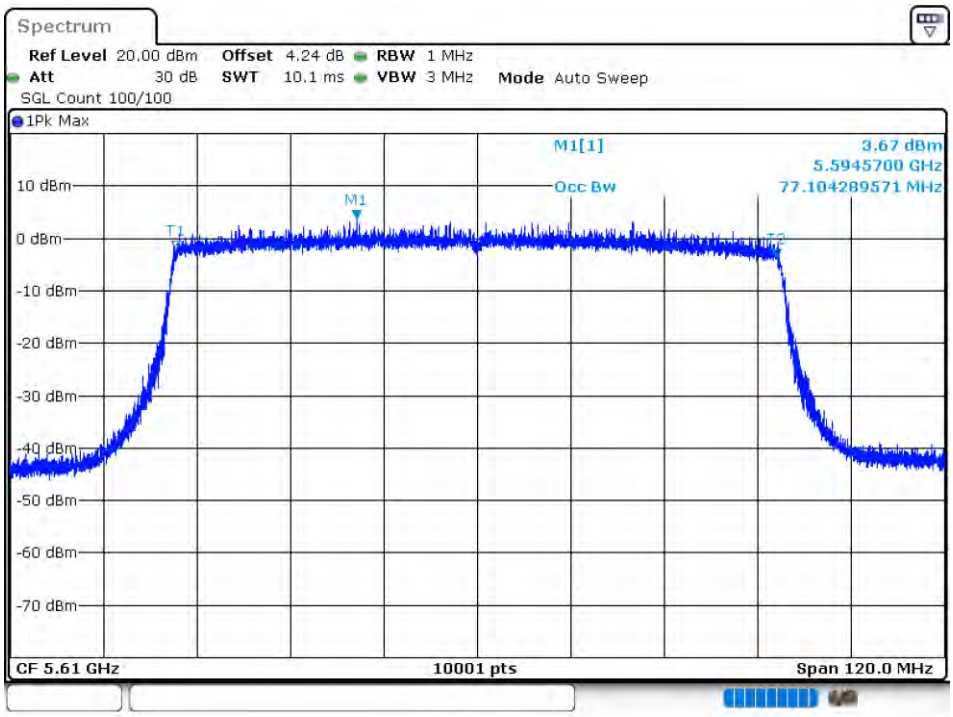
OBW NVNT ax80 5530MHz Ant1



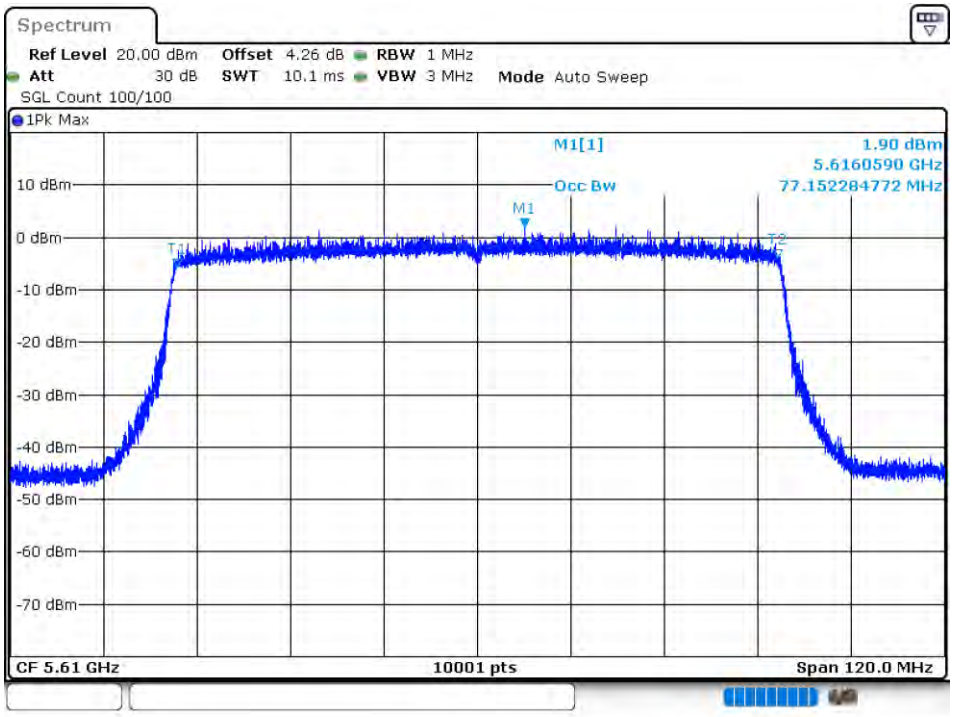
OBW NVNT ax80 5530MHz Ant2



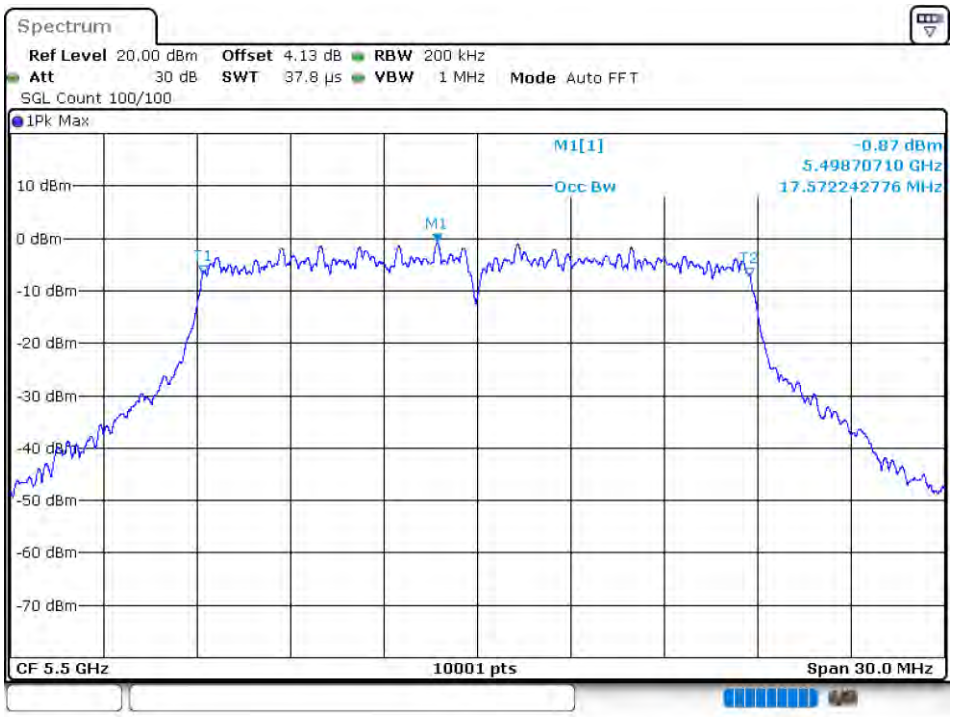
OBW NVNT ax80 5610MHz Ant1



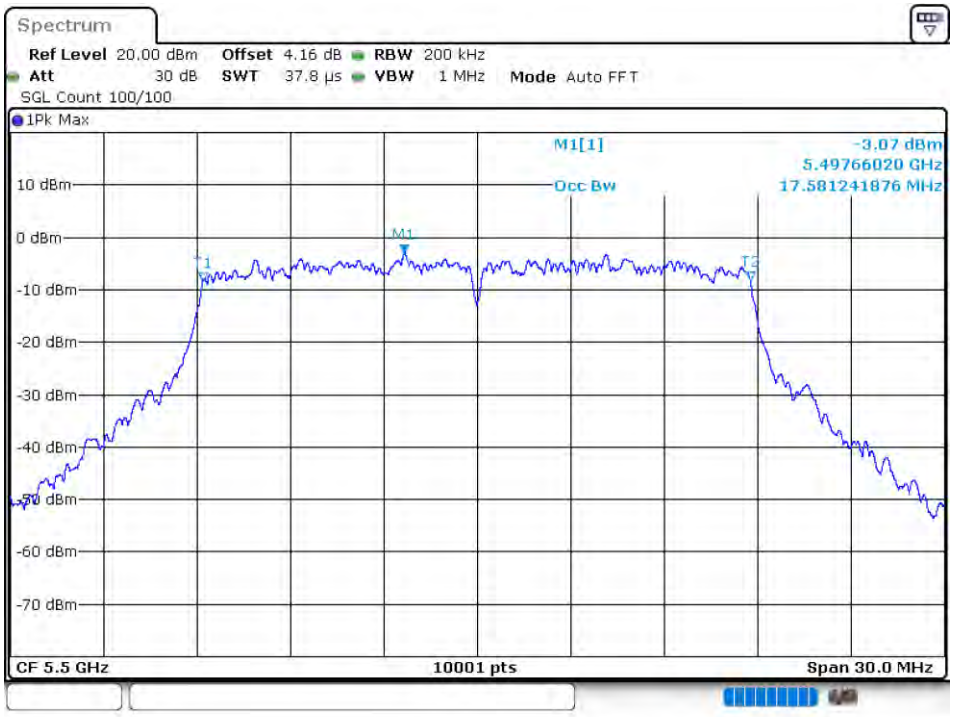
OBW NVNT ax80 5610MHz Ant2



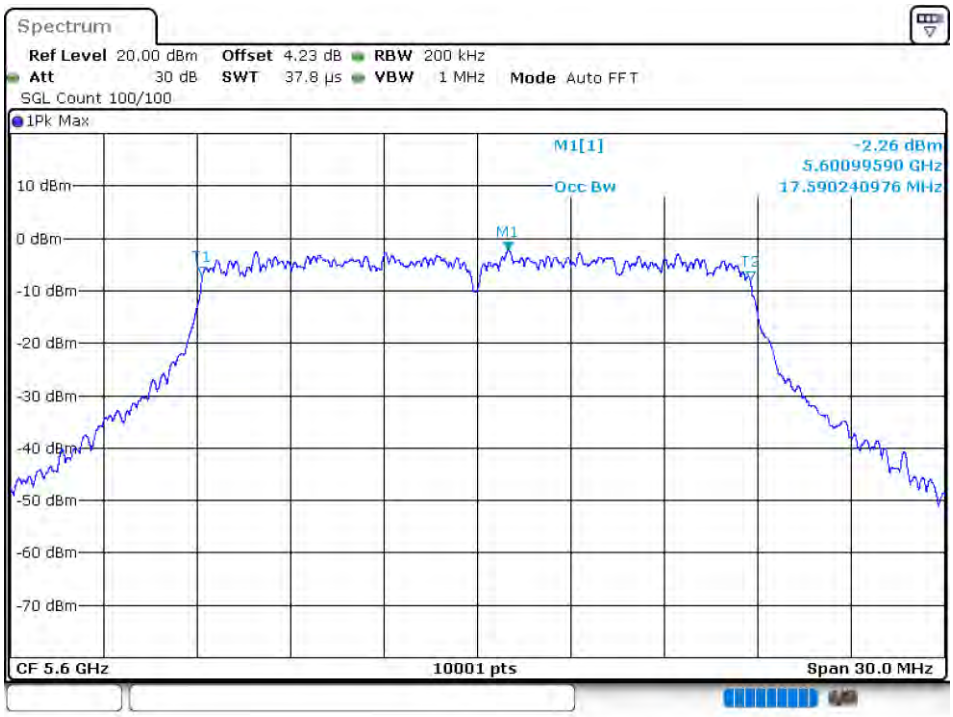
OBW NVNT n20 5500MHz Ant1



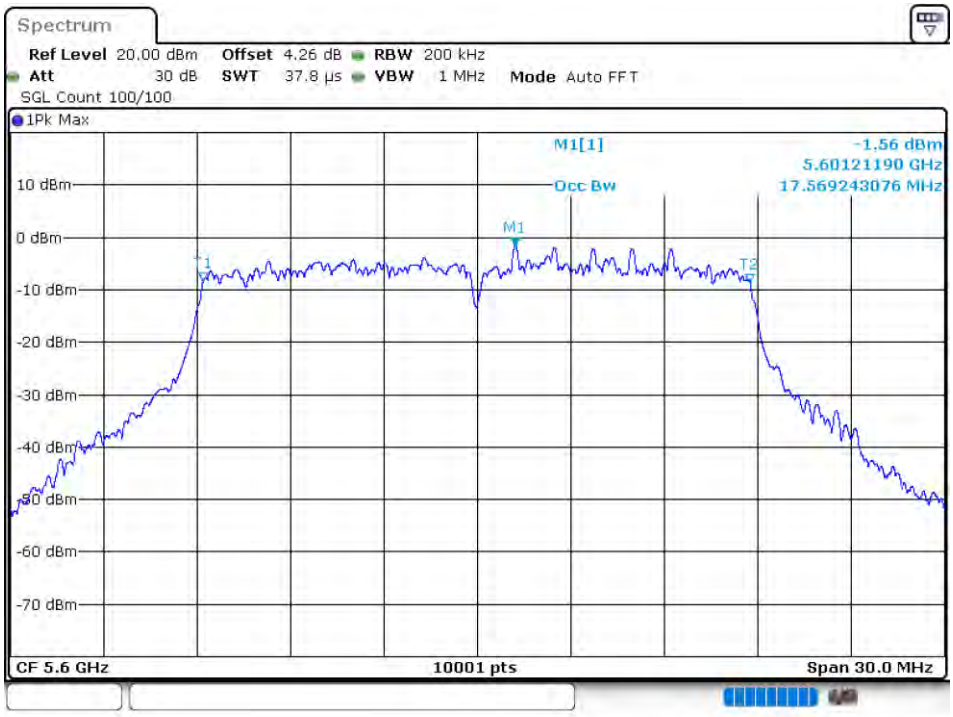
OBW NVNT n20 5500MHz Ant2



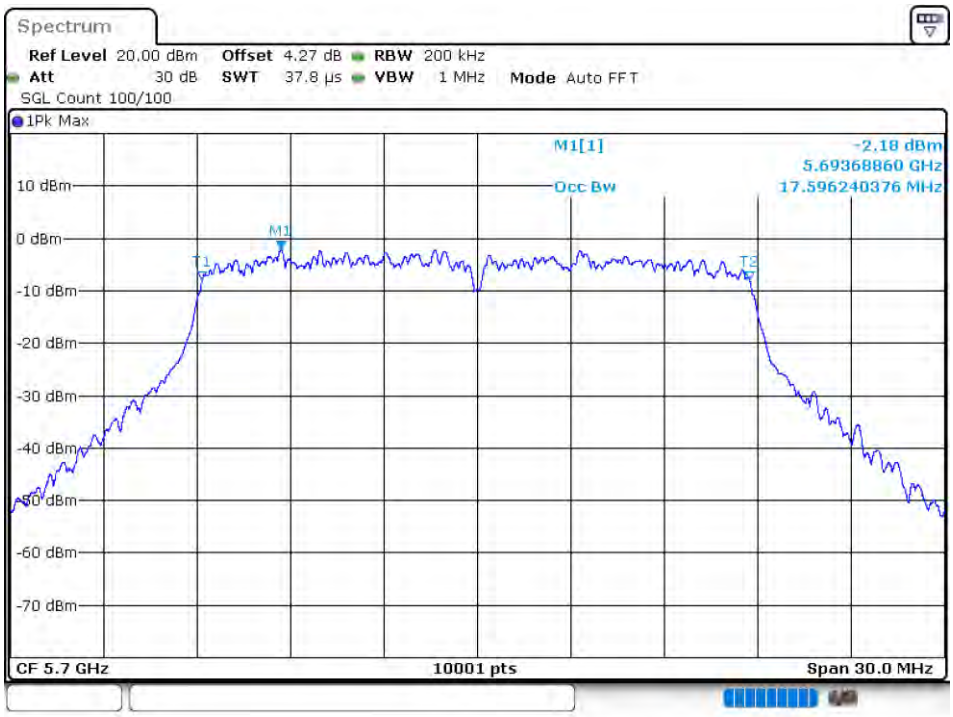
OBW NVNT n20 5600MHz Ant1



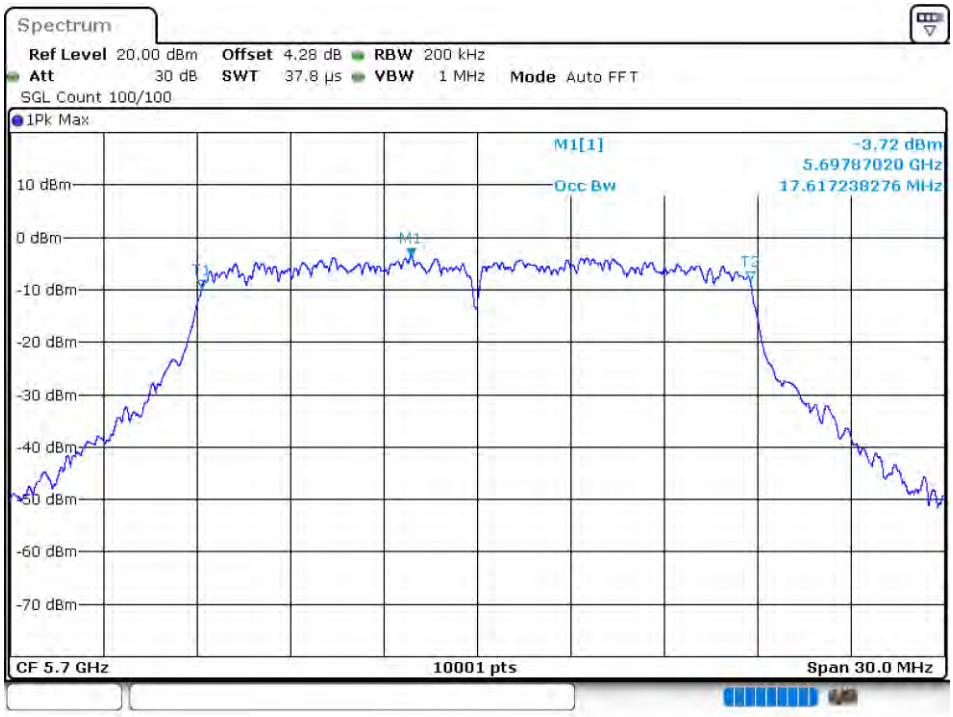
OBW NVNT n20 5600MHz Ant2



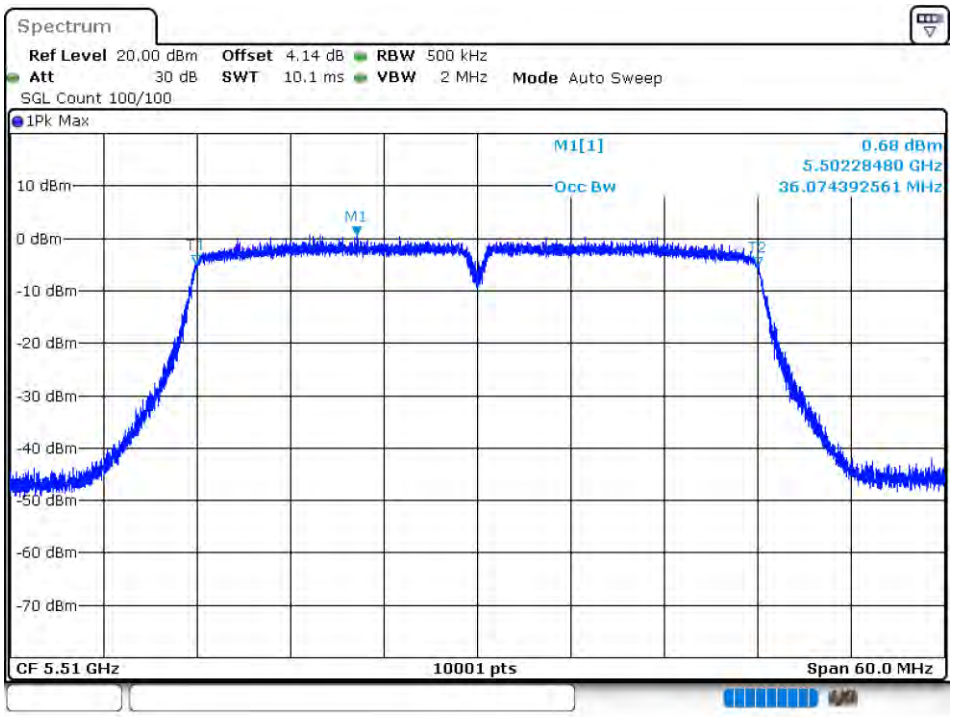
OBW NVNT n20 5700MHz Ant1



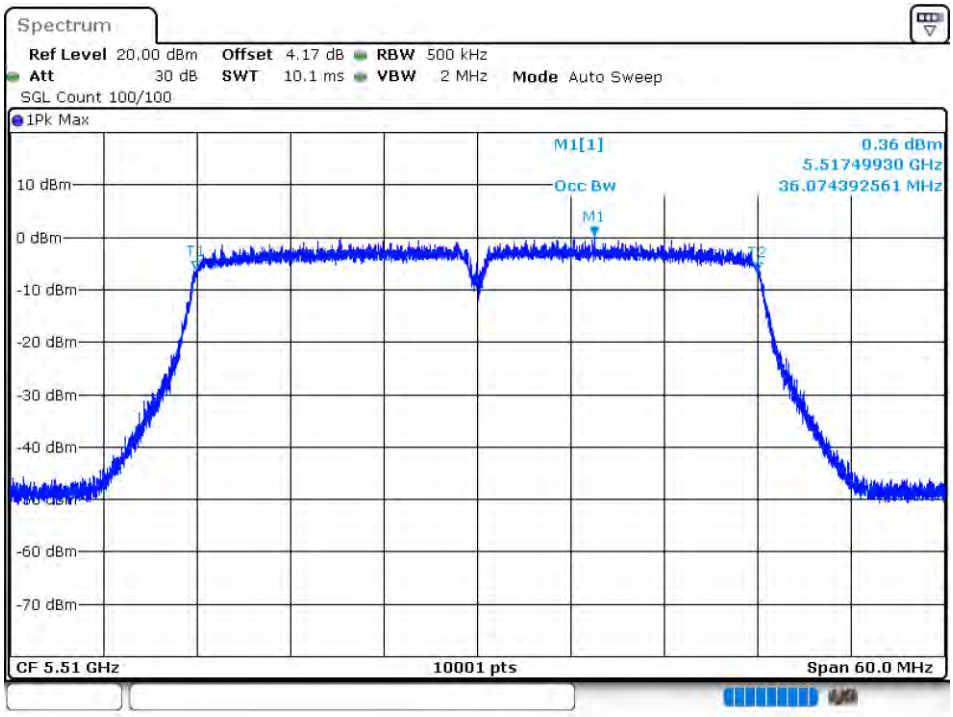
OBW NVNT n20 5700MHz Ant2



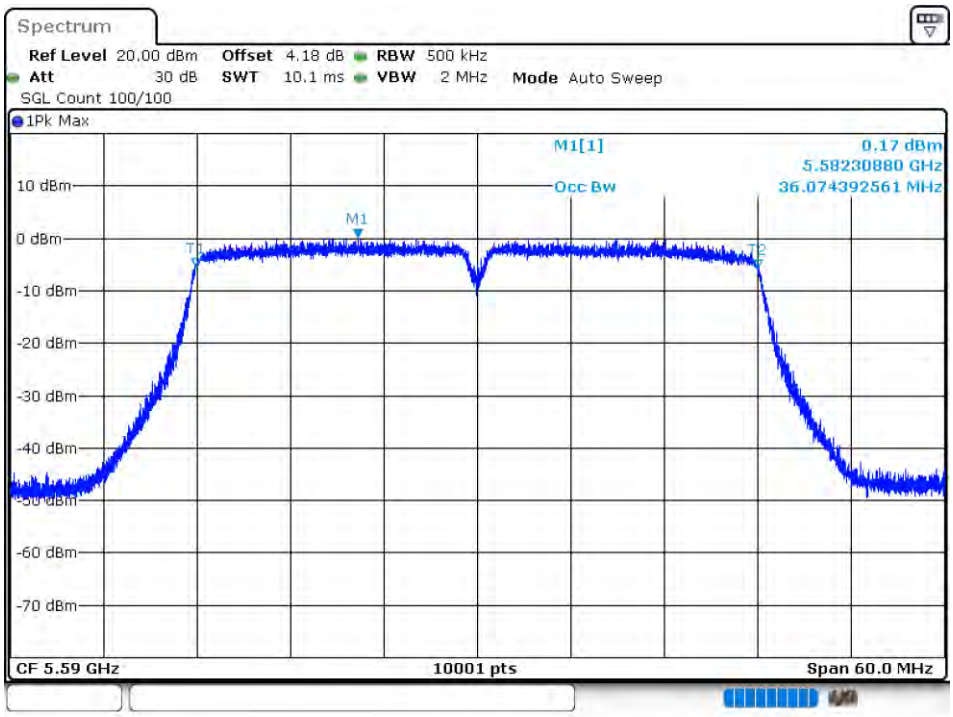
OBW NVNT n40 5510MHz Ant1



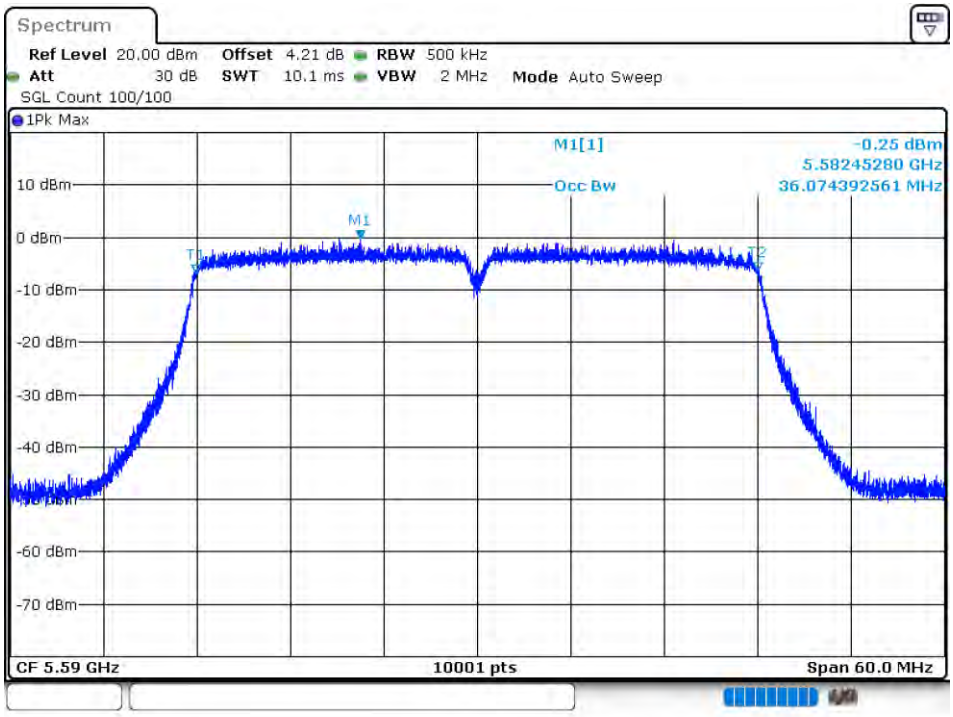
OBW NVNT n40 5510MHz Ant2



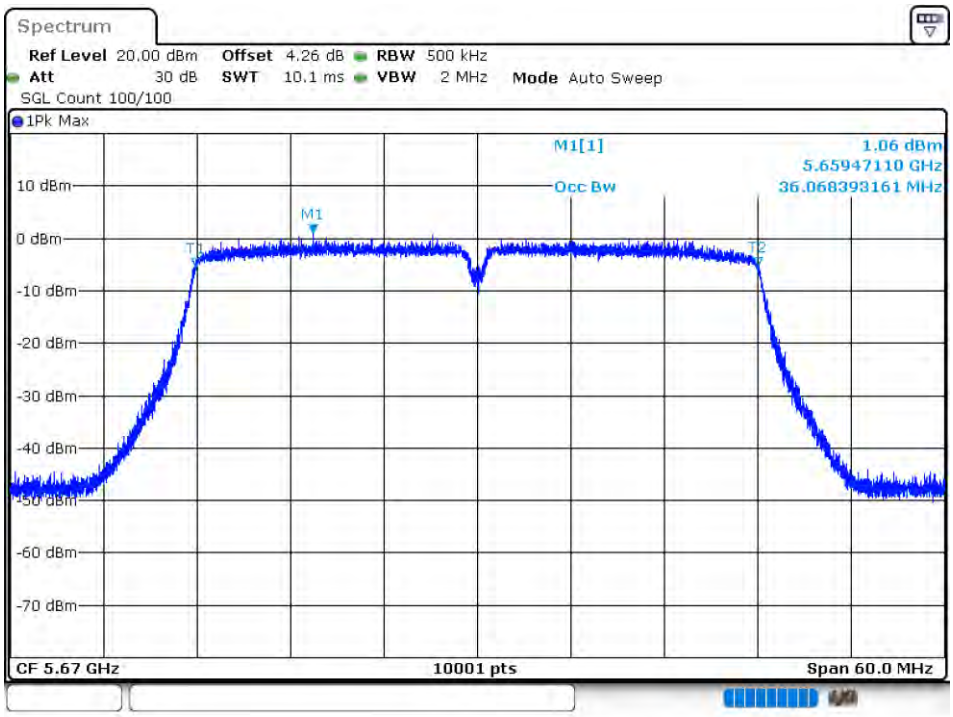
OBW NVNT n40 5590MHz Ant1



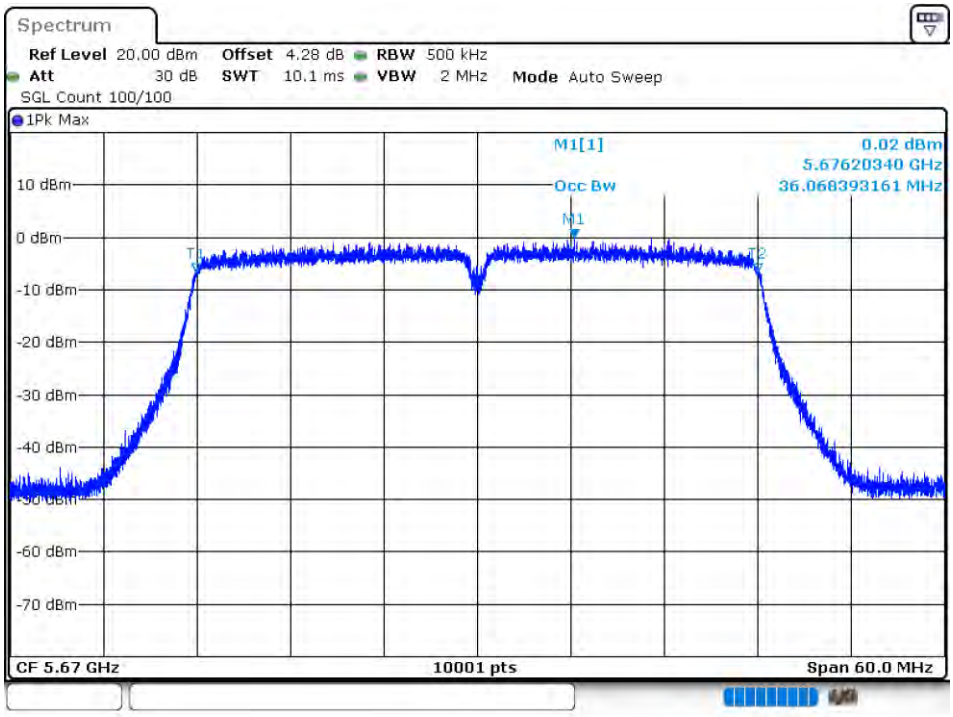
OBW NVNT n40 5590MHz Ant2



OBW NVNT n40 5670MHz Ant1



OBW NVNT n40 5670MHz Ant2



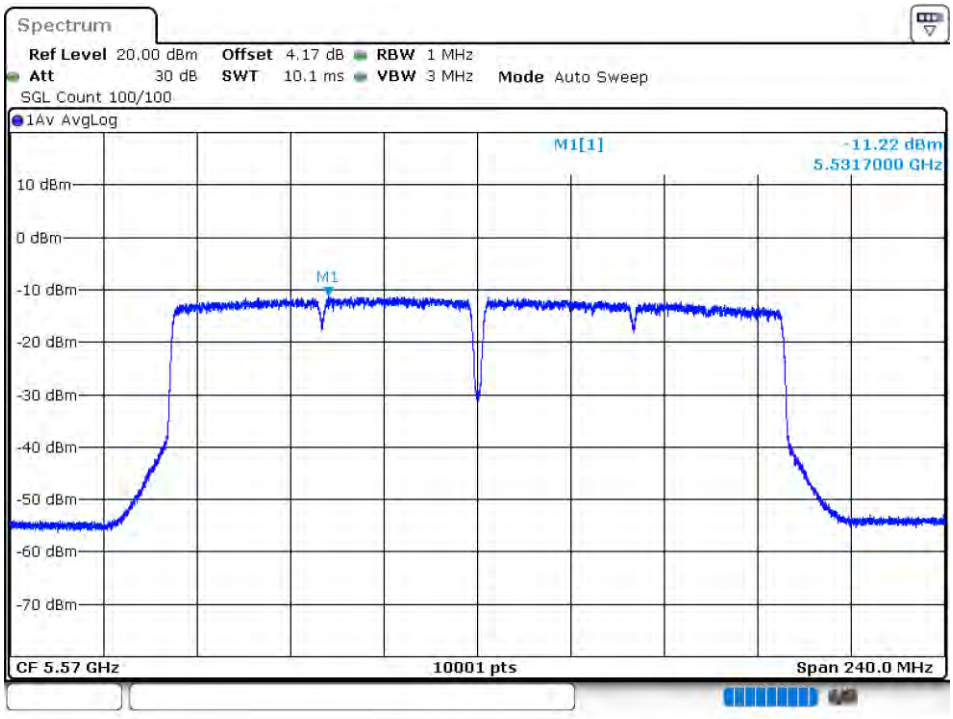
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	ac160	5570	Ant1	-11.22	0	-11.22	--	Pass
NVNT	ac160	5570	Ant2	-12.83	0	-12.83	--	Pass
NVNT	ac160	5570	Sum	-8.94	0	-8.94	9.94	Pass
NVNT	ac20	5500	Ant1	-3.87	0.01	-3.86	--	Pass
NVNT	ac20	5500	Ant2	-5.16	0.01	-5.15	--	Pass
NVNT	ac20	5500	Sum	-1.46	0.01	-1.45	9.94	Pass
NVNT	ac20	5600	Ant1	-3.6	0.01	-3.59	--	Pass
NVNT	ac20	5600	Ant2	-4.9	0.01	-4.89	--	Pass
NVNT	ac20	5600	Sum	-1.19	0.01	-1.18	9.94	Pass
NVNT	ac20	5700	Ant1	-3.49	0.01	-3.48	--	Pass
NVNT	ac20	5700	Ant2	-4.85	0.01	-4.84	--	Pass
NVNT	ac20	5700	Sum	-1.11	0.01	-1.1	9.94	Pass
NVNT	ac40	5510	Ant1	-6.8	0	-6.8	--	Pass
NVNT	ac40	5510	Ant2	-7.77	0	-7.77	--	Pass
NVNT	ac40	5510	Sum	-4.25	0	-4.25	9.94	Pass
NVNT	ac40	5590	Ant1	-6.97	0.01	-6.96	--	Pass
NVNT	ac40	5590	Ant2	-8.28	0.01	-8.27	--	Pass
NVNT	ac40	5590	Sum	-4.57	0.01	-4.56	9.94	Pass
NVNT	ac40	5670	Ant1	-6.21	0	-6.21	--	Pass
NVNT	ac40	5670	Ant2	-7.49	0	-7.49	--	Pass
NVNT	ac40	5670	Sum	-3.79	0	-3.79	9.94	Pass
NVNT	ac80	5530	Ant1	-8.52	0.01	-8.51	--	Pass
NVNT	ac80	5530	Ant2	-9.93	0.01	-9.92	--	Pass
NVNT	ac80	5530	Sum	-6.16	0.01	-6.15	9.94	Pass
NVNT	ac80	5610	Ant1	-9.26	0	-9.26	--	Pass
NVNT	ac80	5610	Ant2	-10.82	0	-10.82	--	Pass
NVNT	ac80	5610	Sum	-6.96	0	-6.96	9.94	Pass
NVNT	ax160	5570	Ant1	-11.33	0	-11.33	--	Pass
NVNT	ax160	5570	Ant2	-13.07	0	-13.07	--	Pass
NVNT	ax160	5570	Sum	-9.1	0	-9.1	9.94	Pass
NVNT	ax20	5500	Ant1	-4.22	0	-4.22	--	Pass
NVNT	ax20	5500	Ant2	-5.35	0	-5.35	--	Pass
NVNT	ax20	5500	Sum	-1.74	0	-1.74	9.94	Pass
NVNT	ax20	5600	Ant1	-4.48	0	-4.48	--	Pass
NVNT	ax20	5600	Ant2	-5.68	0	-5.68	--	Pass
NVNT	ax20	5600	Sum	-2.03	0	-2.03	9.94	Pass
NVNT	ax20	5700	Ant1	-4.45	0	-4.45	--	Pass
NVNT	ax20	5700	Ant2	-5.86	0	-5.86	--	Pass
NVNT	ax20	5700	Sum	-2.09	0	-2.09	9.94	Pass
NVNT	ax40	5510	Ant1	-6.89	0	-6.89	--	Pass
NVNT	ax40	5510	Ant2	-7.97	0	-7.97	--	Pass
NVNT	ax40	5510	Sum	-4.39	0	-4.39	9.94	Pass
NVNT	ax40	5590	Ant1	-6.88	0	-6.88	--	Pass
NVNT	ax40	5590	Ant2	-8.37	0	-8.37	--	Pass

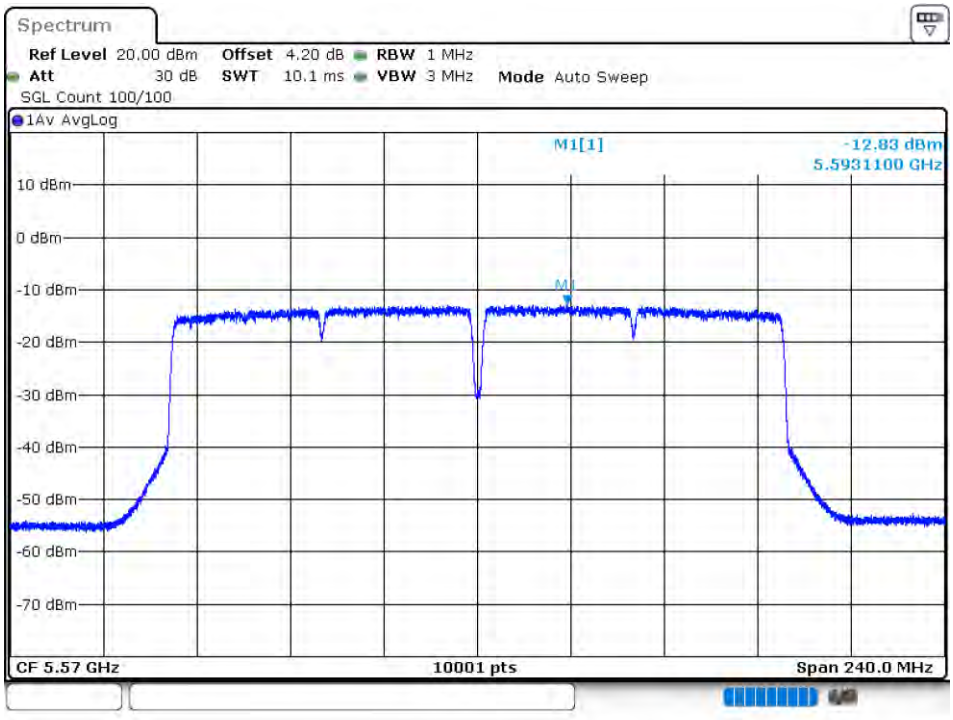
NVNT	ax40	5590	Sum	-4.55	0	-4.55	9.94	Pass
NVNT	ax40	5670	Ant1	-7.61	0	-7.61	--	Pass
NVNT	ax40	5670	Ant2	-8.73	0	-8.73	--	Pass
NVNT	ax40	5670	Sum	-5.12	0	-5.12	9.94	Pass
NVNT	ax80	5530	Ant1	-8.67	0	-8.67	--	Pass
NVNT	ax80	5530	Ant2	-10.29	0	-10.29	--	Pass
NVNT	ax80	5530	Sum	-6.39	0	-6.39	9.94	Pass
NVNT	ax80	5610	Ant1	-8.81	0	-8.81	--	Pass
NVNT	ax80	5610	Ant2	-10.22	0	-10.22	--	Pass
NVNT	ax80	5610	Sum	-6.45	0	-6.45	9.94	Pass
NVNT	n20	5500	Ant1	-3.23	0.01	-3.22	--	Pass
NVNT	n20	5500	Ant2	-4.57	0.01	-4.56	--	Pass
NVNT	n20	5500	Sum	-0.84	0.01	-0.83	9.94	Pass
NVNT	n20	5600	Ant1	-3.59	0.01	-3.58	--	Pass
NVNT	n20	5600	Ant2	-4.73	0.01	-4.72	--	Pass
NVNT	n20	5600	Sum	-1.11	0.01	-1.1	9.94	Pass
NVNT	n20	5700	Ant1	-4.2	0.01	-4.19	--	Pass
NVNT	n20	5700	Ant2	-5.26	0.01	-5.25	--	Pass
NVNT	n20	5700	Sum	-1.69	0.01	-1.68	9.94	Pass
NVNT	n40	5510	Ant1	-6.66	0.01	-6.65	--	Pass
NVNT	n40	5510	Ant2	-7.68	0.01	-7.67	--	Pass
NVNT	n40	5510	Sum	-4.13	0.01	-4.12	9.94	Pass
NVNT	n40	5590	Ant1	-6.68	0.01	-6.67	--	Pass
NVNT	n40	5590	Ant2	-8.2	0.01	-8.19	--	Pass
NVNT	n40	5590	Sum	-4.36	0.01	-4.35	9.94	Pass
NVNT	n40	5670	Ant1	-6.21	0	-6.21	--	Pass
NVNT	n40	5670	Ant2	-7.32	0	-7.32	--	Pass
NVNT	n40	5670	Sum	-3.72	0	-3.72	9.94	Pass

Test Graphs

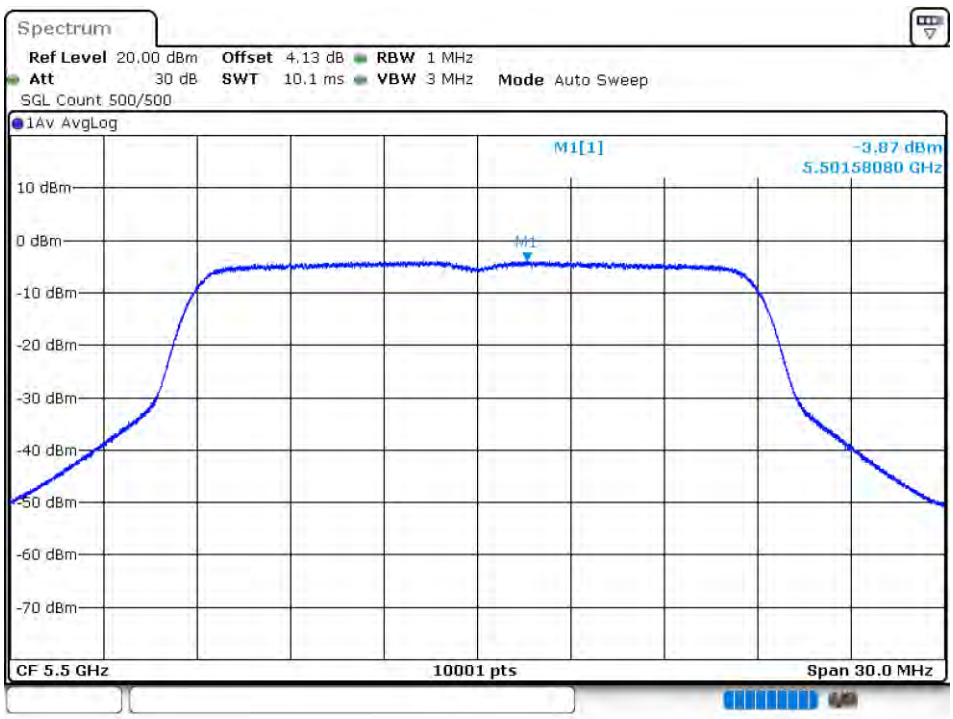
PSD NVNT ac160 5570MHz Ant1



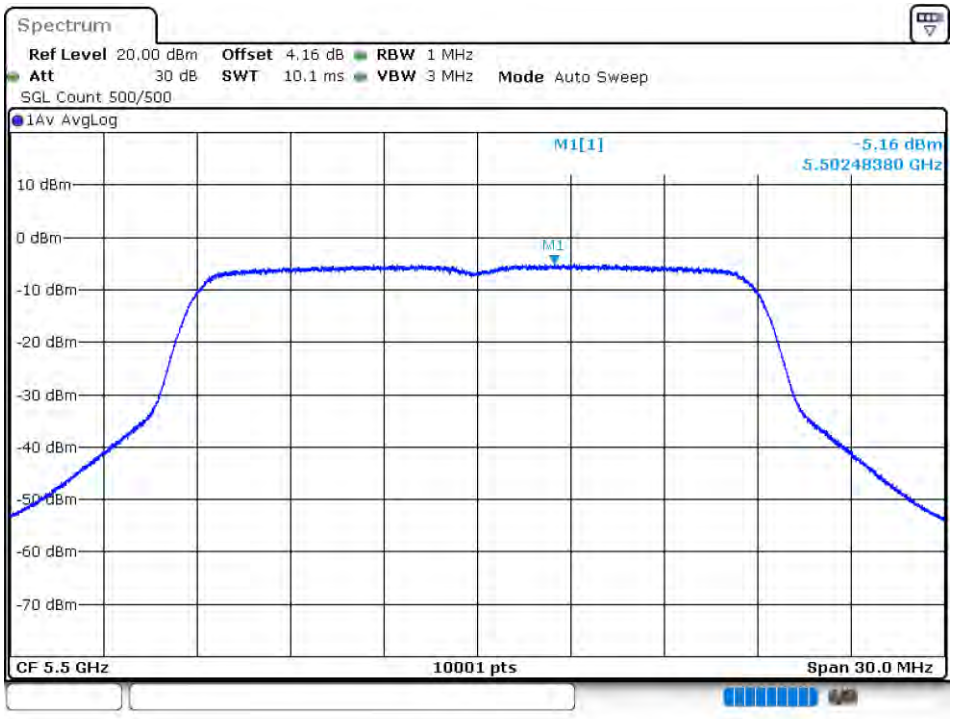
PSD NVNT ac160 5570MHz Ant2



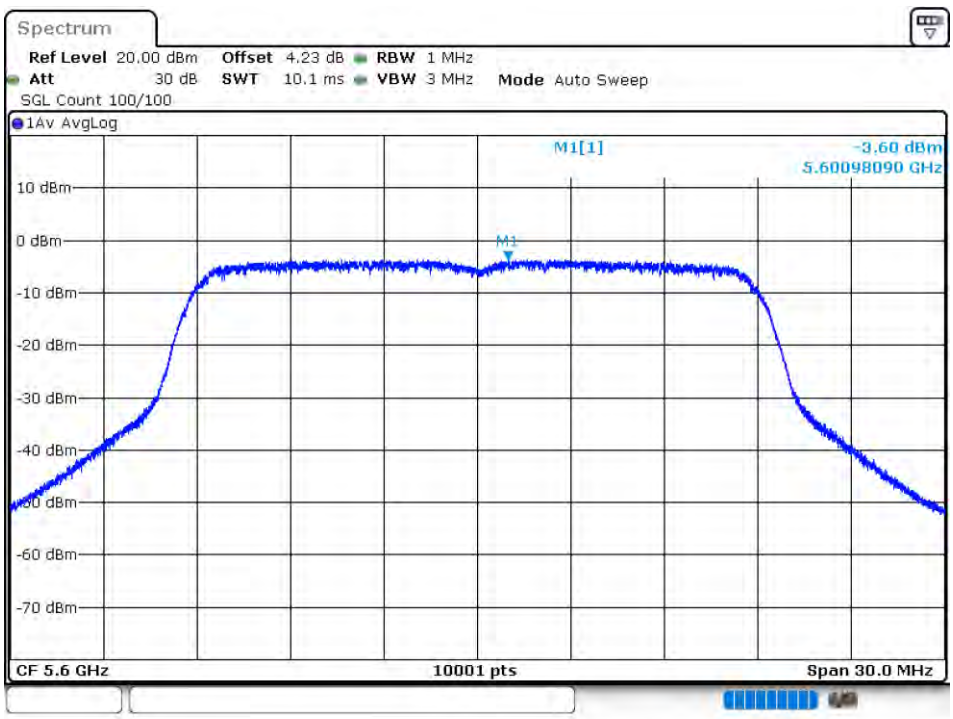
PSD NVNT ac20 5500MHz Ant1



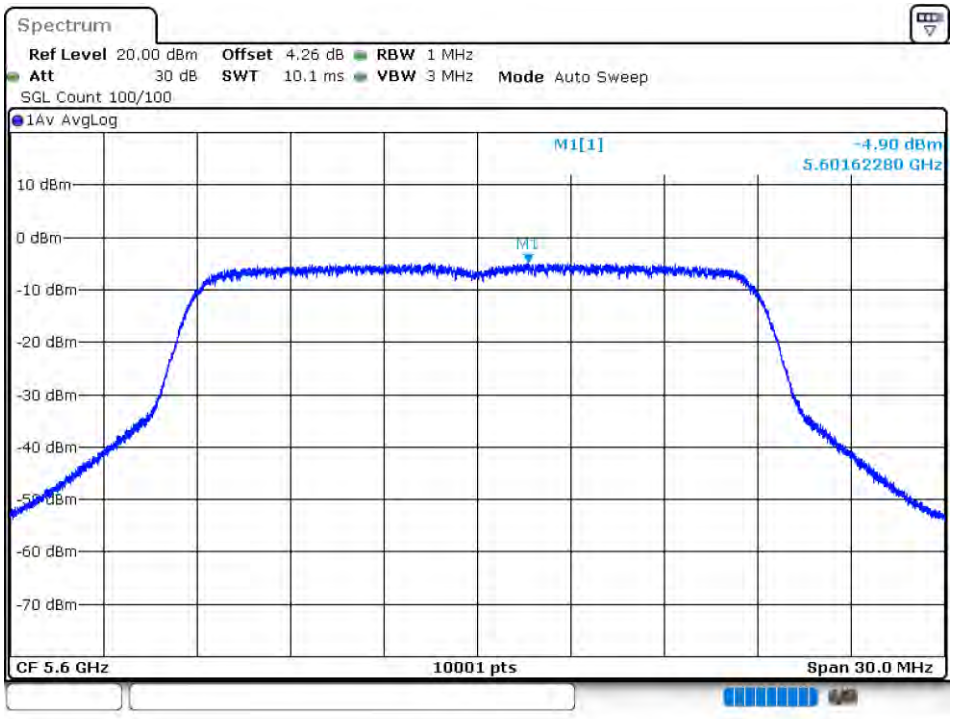
PSD NVNT ac20 5500MHz Ant2



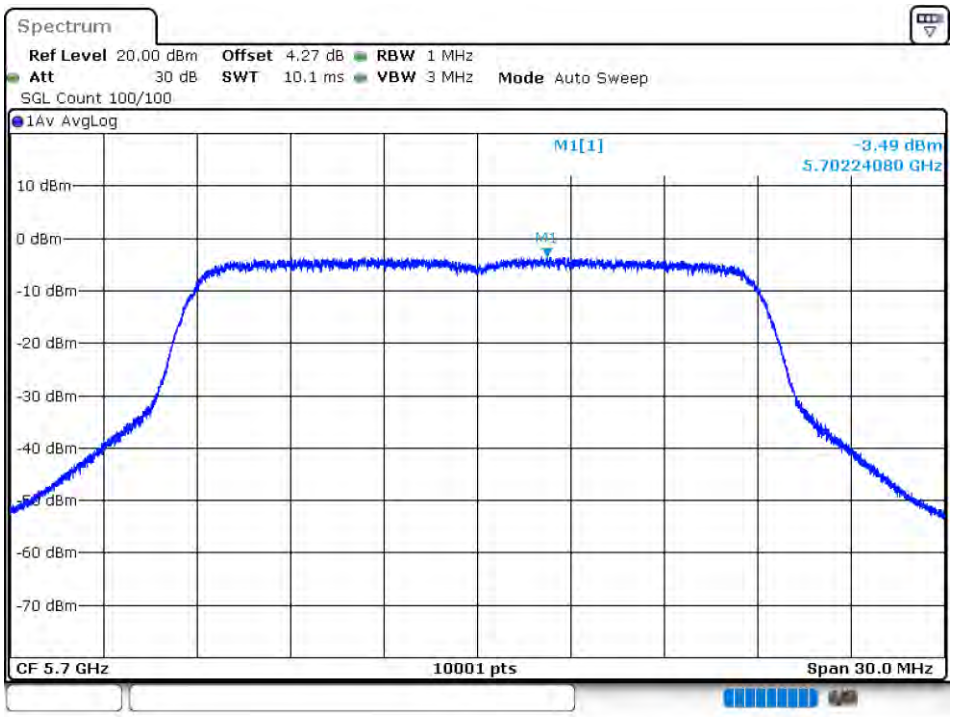
PSD NVNT ac20 5600MHz Ant1



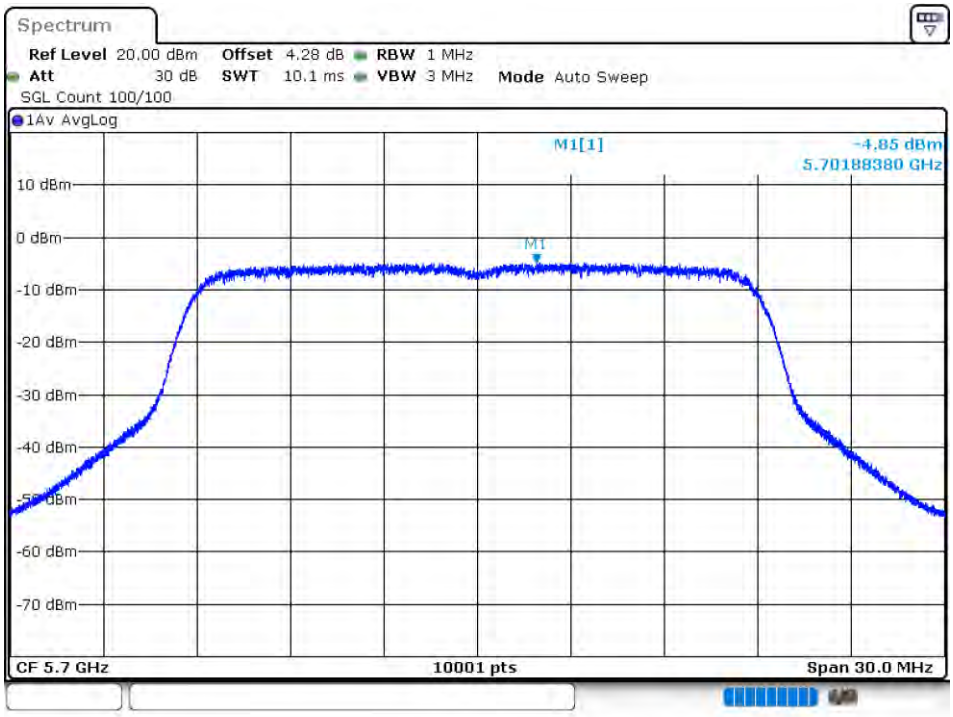
PSD NVNT ac20 5600MHz Ant2



PSD NVNT ac20 5700MHz Ant1

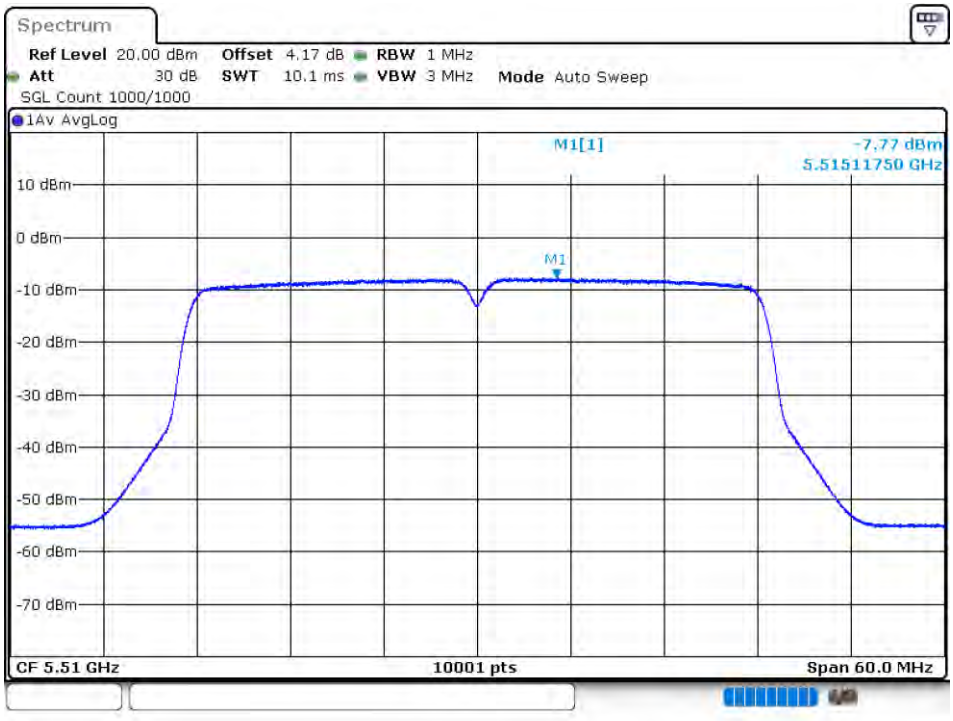


PSD NVNT ac20 5700MHz Ant2



PSD NVNT ac40 5510MHz Ant1

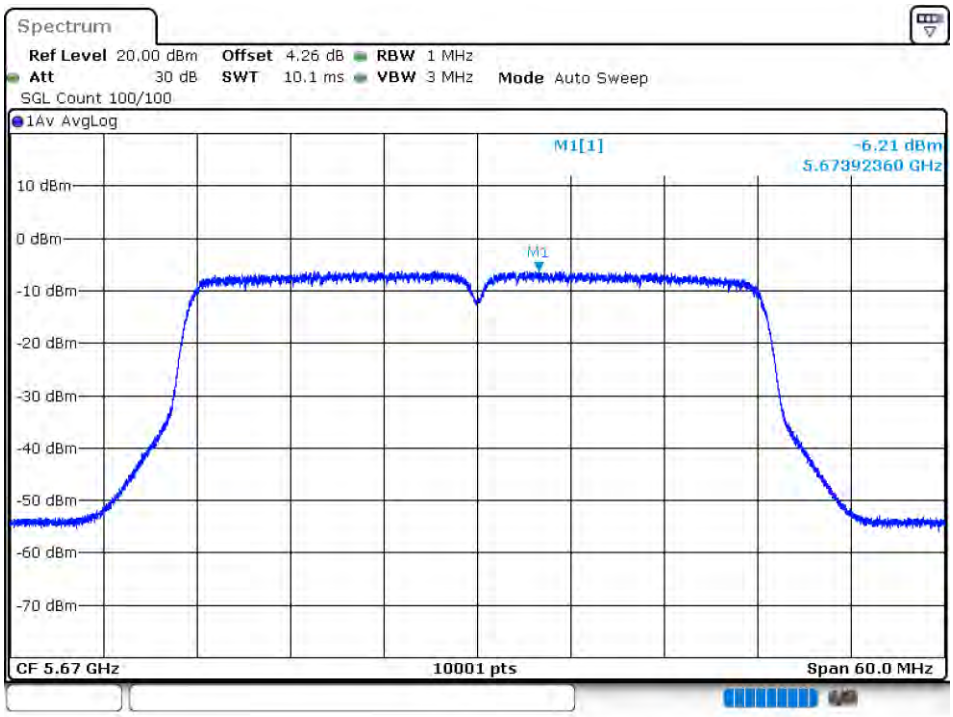
PSD NVNT ac40 5510MHz Ant2



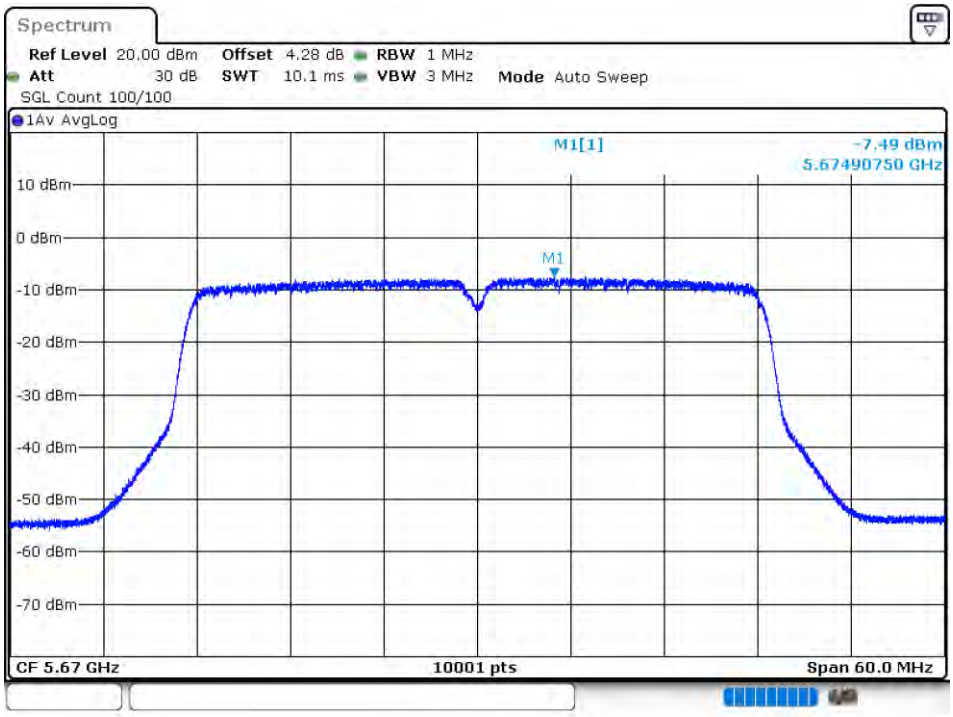
PSD NVNT ac40 5590MHz Ant1

PSD NVNT ac40 5590MHz Ant2

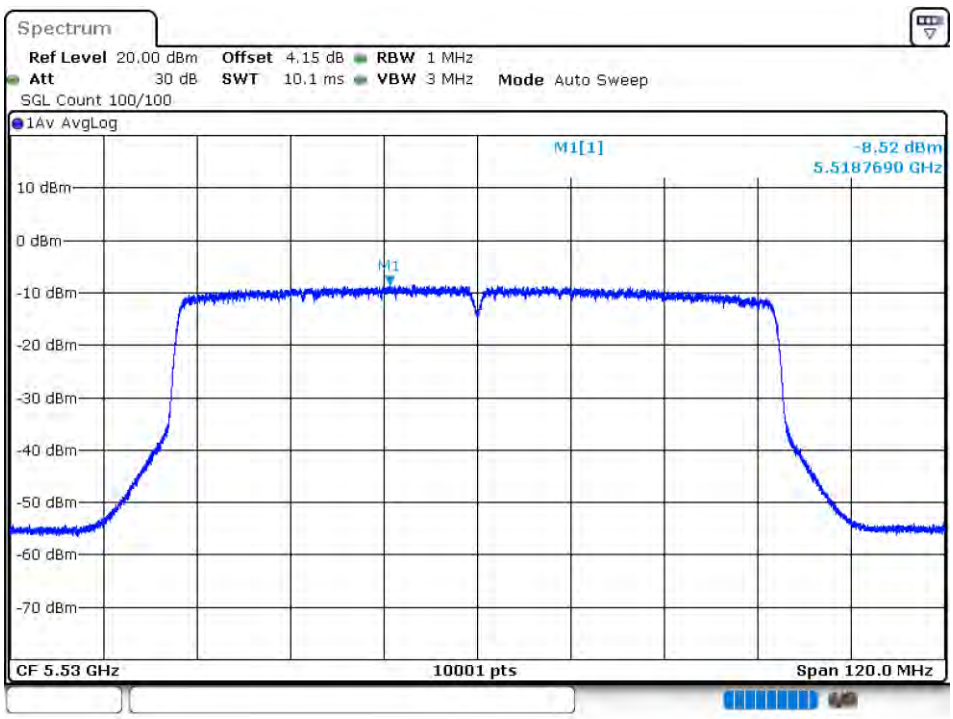
PSD NVNT ac40 5670MHz Ant1



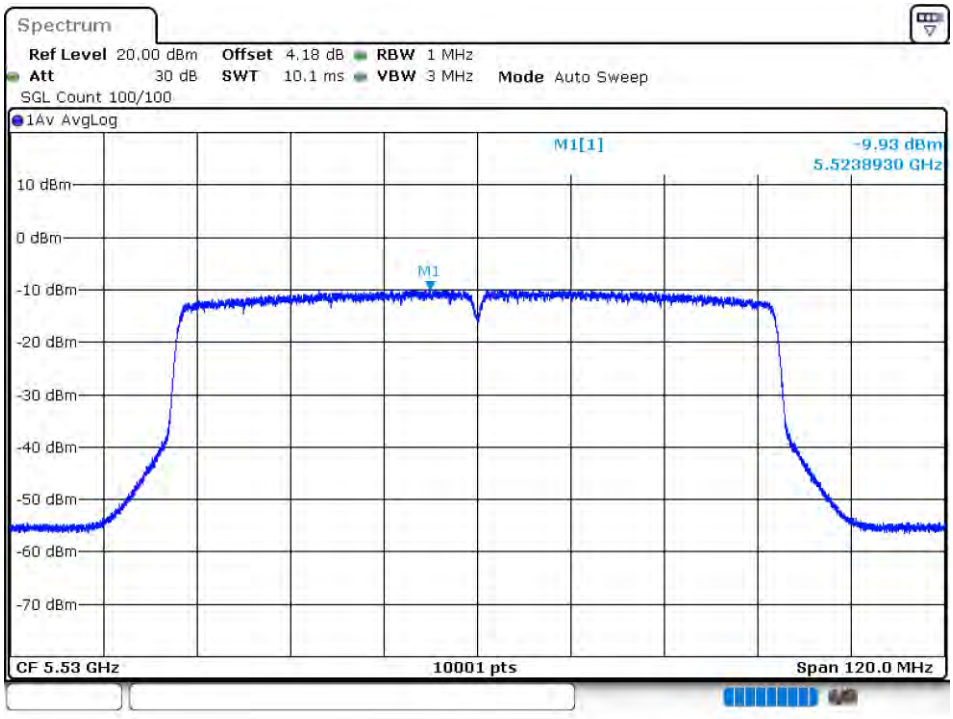
PSD NVNT ac40 5670MHz Ant2



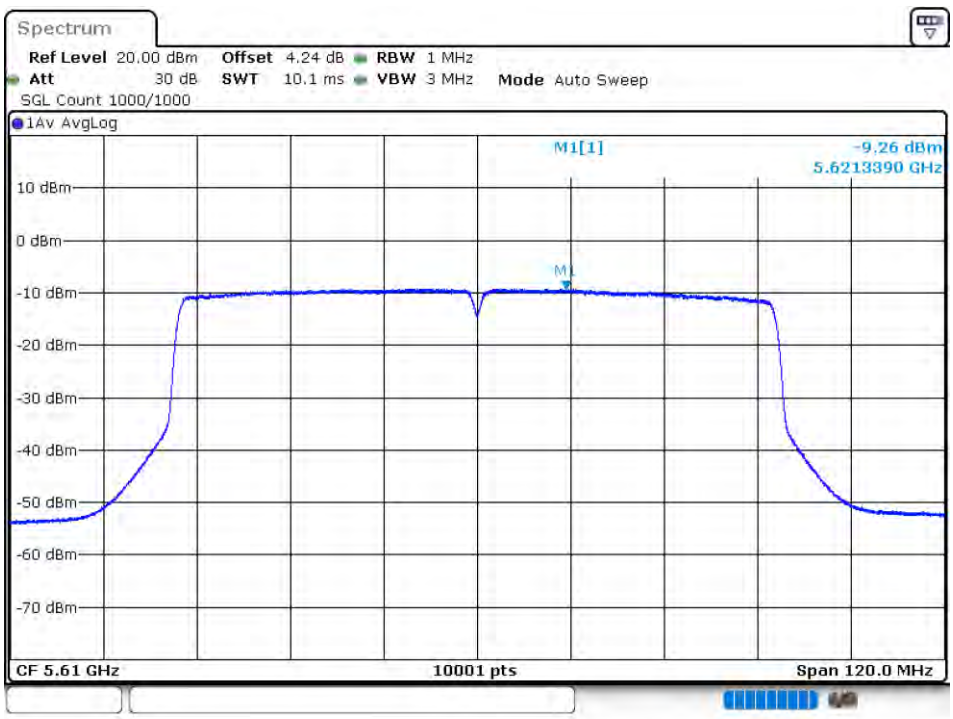
PSD NVNT ac80 5530MHz Ant1



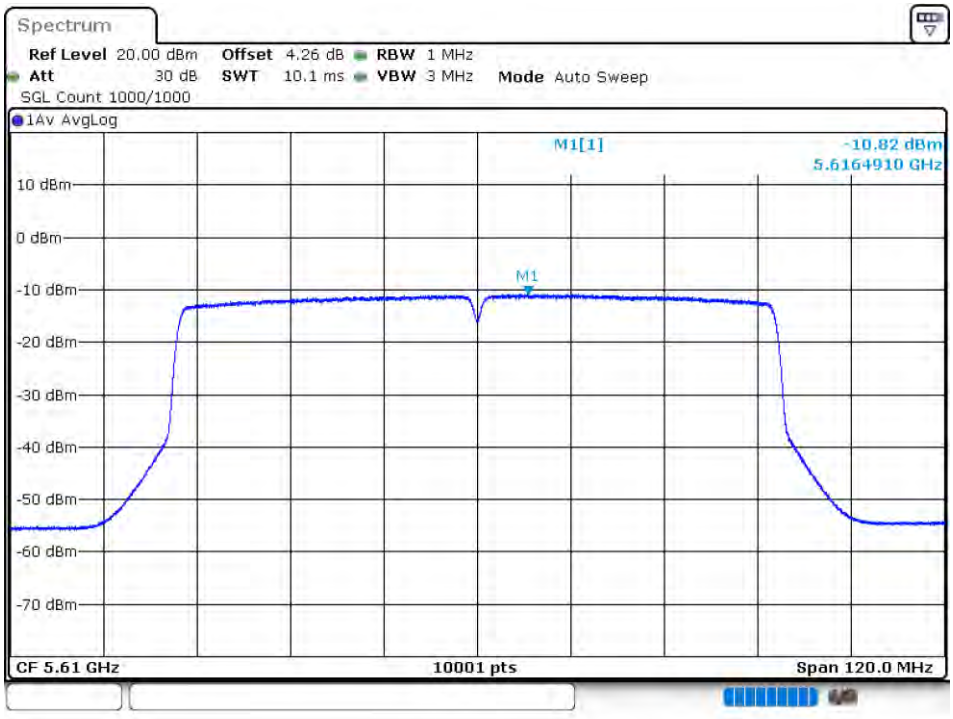
PSD NVNT ac80 5530MHz Ant2



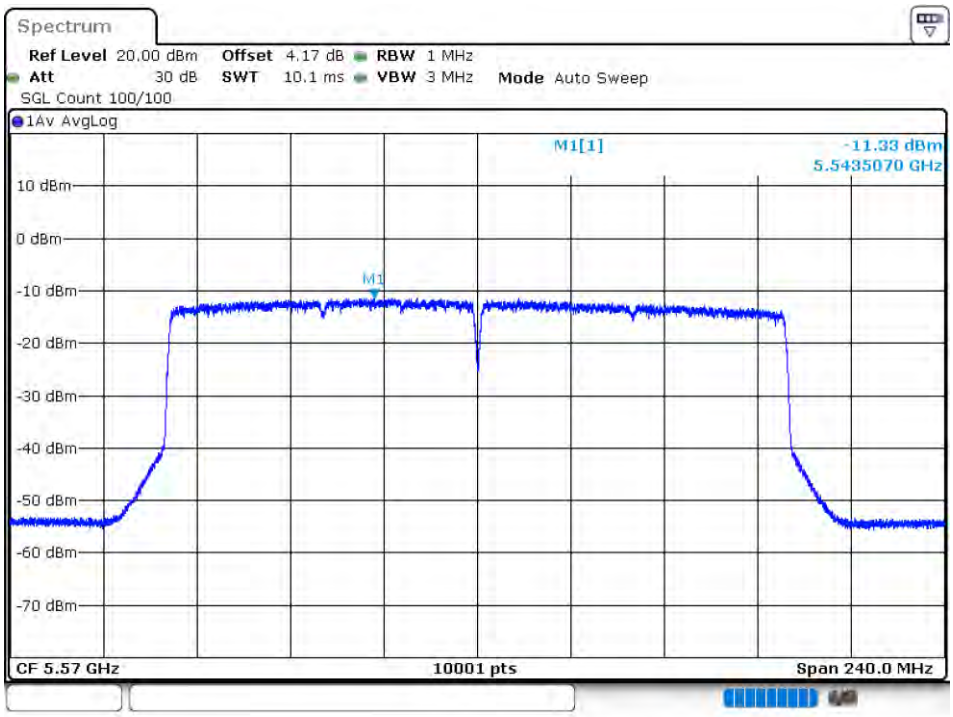
PSD NVNT ac80 5610MHz Ant1



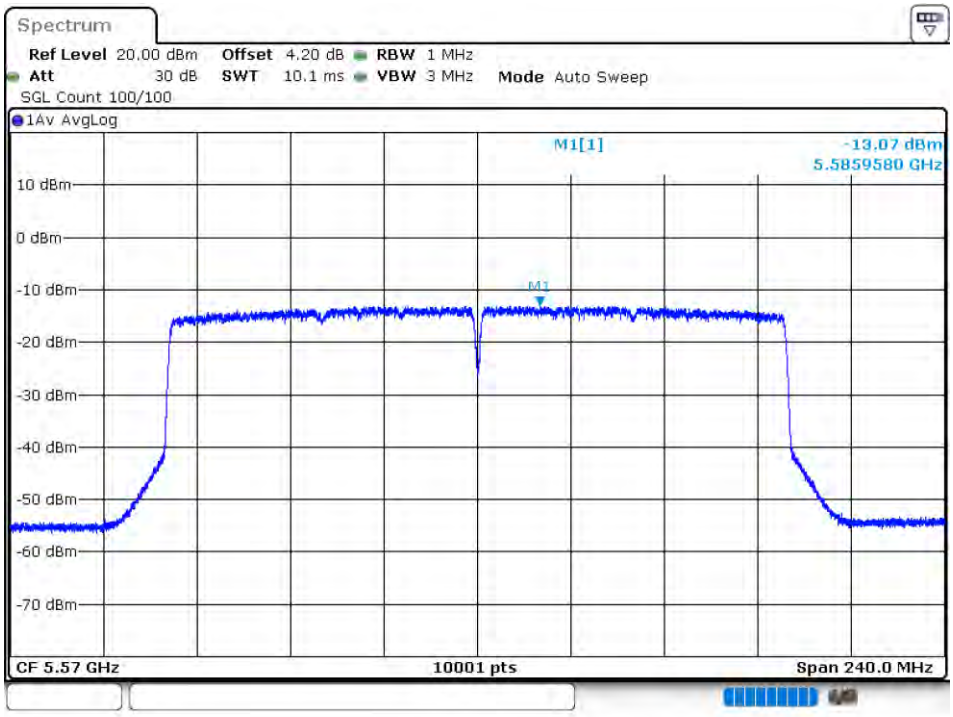
PSD NVNT ac80 5610MHz Ant2



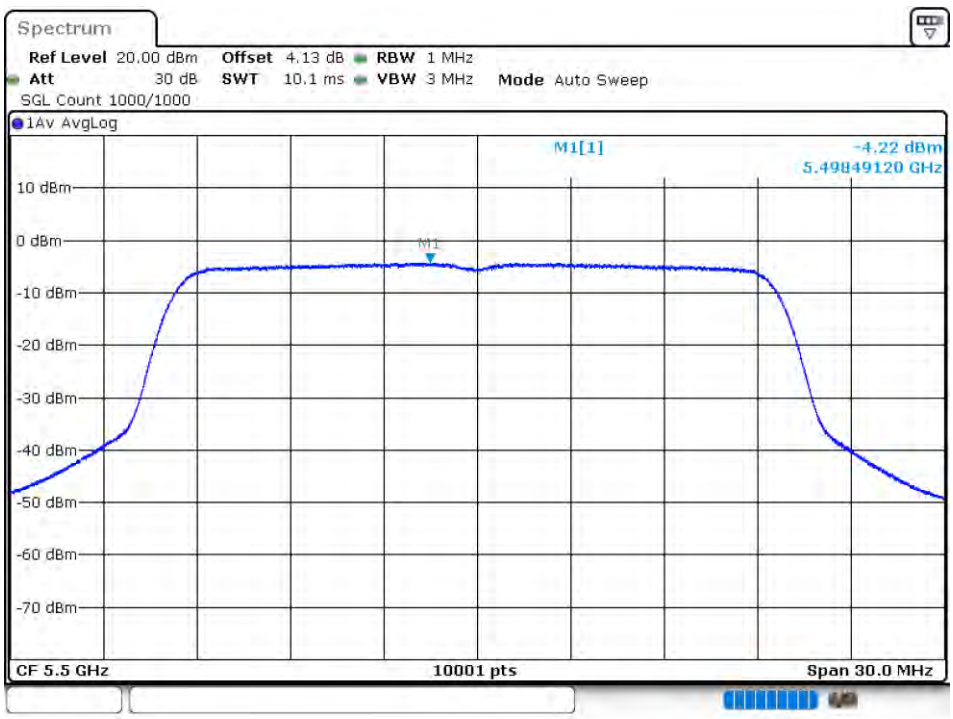
PSD NVNT ax160 5570MHz Ant1



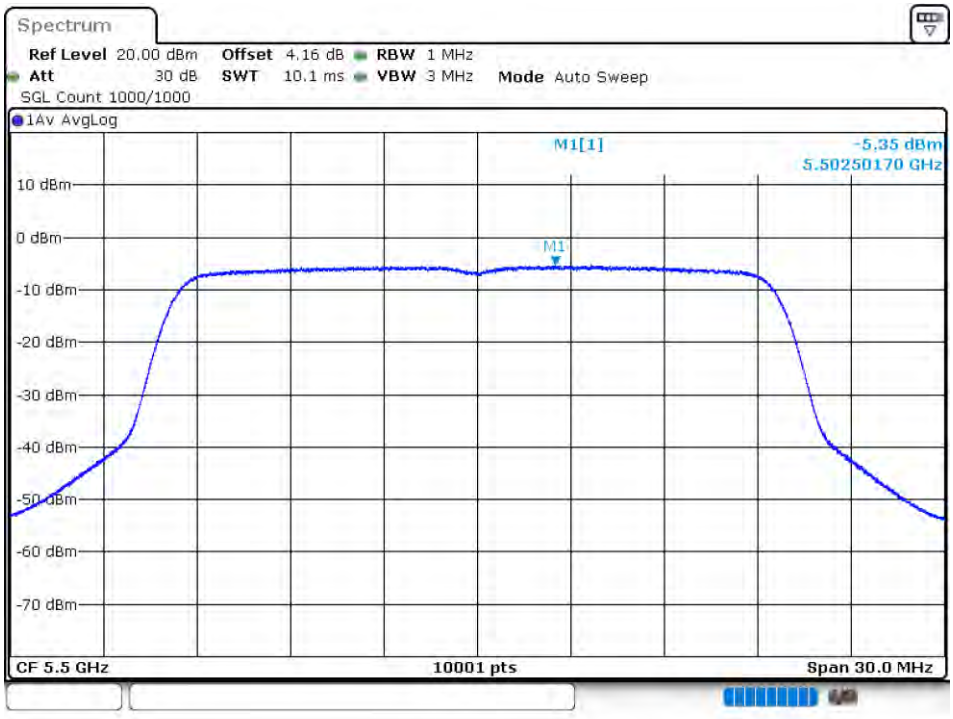
PSD NVNT ax160 5570MHz Ant2



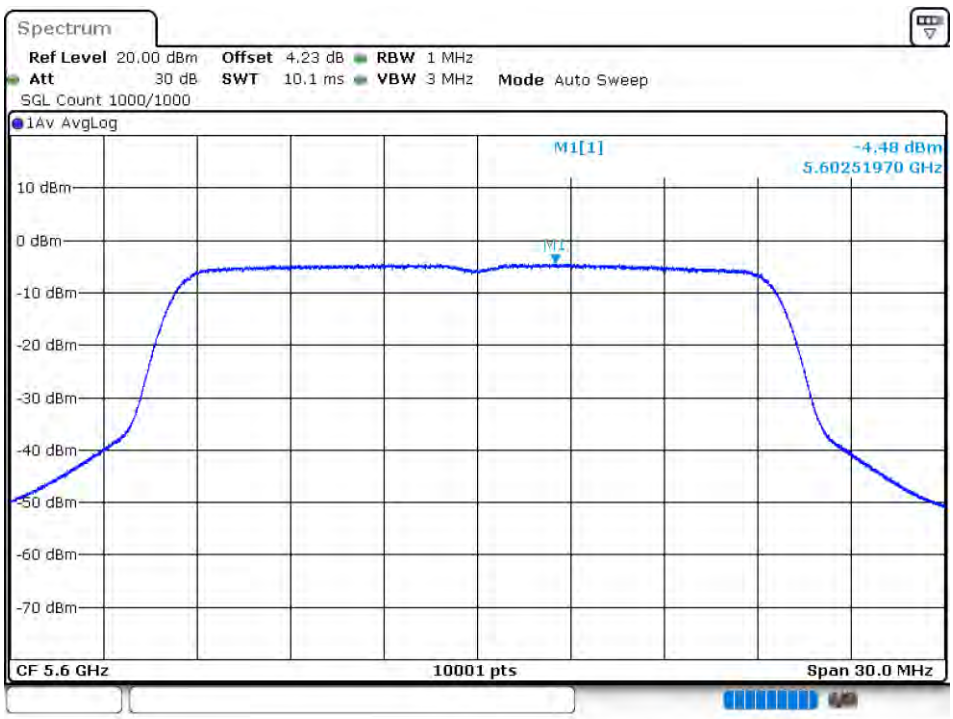
PSD NVNT ax20 5500MHz Ant1



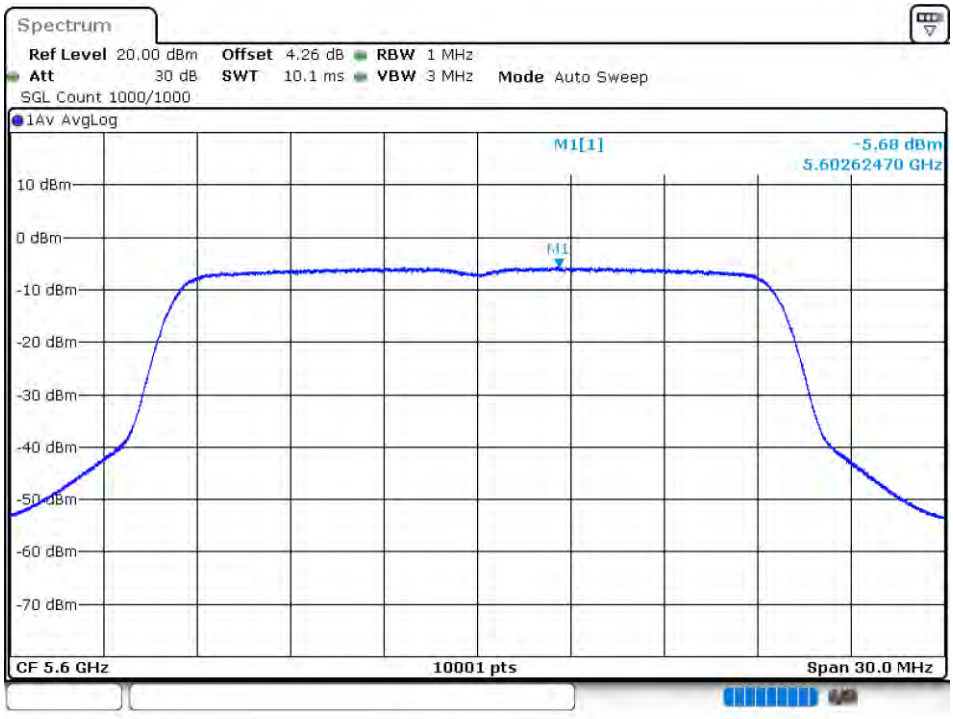
PSD NVNT ax20 5500MHz Ant2



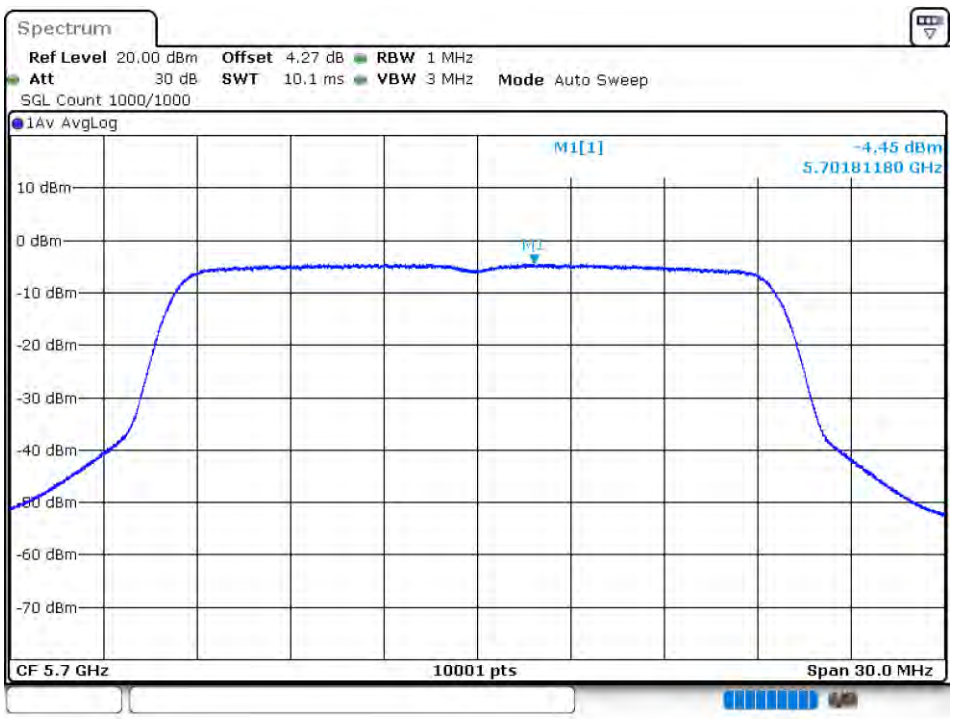
PSD NVNT ax20 5600MHz Ant1



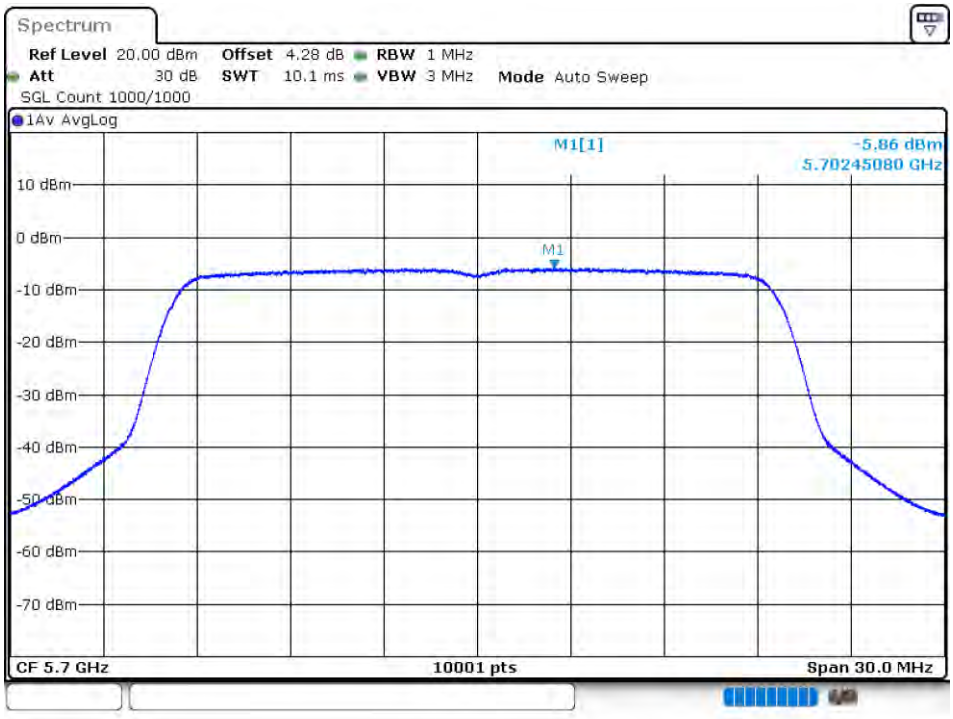
PSD NVNT ax20 5600MHz Ant2



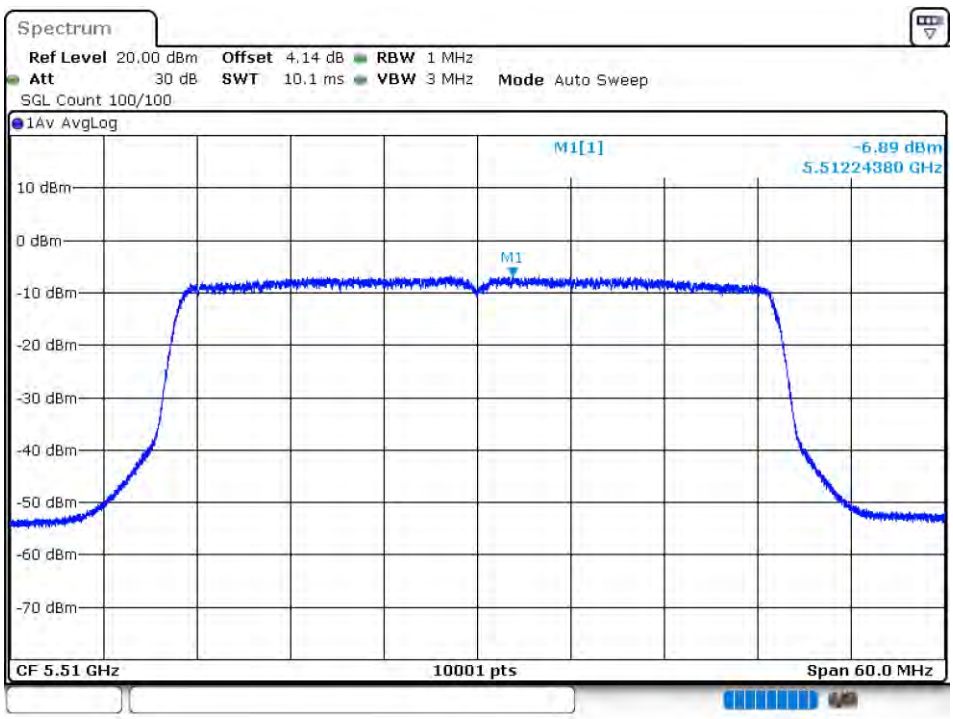
PSD NVNT ax20 5700MHz Ant1



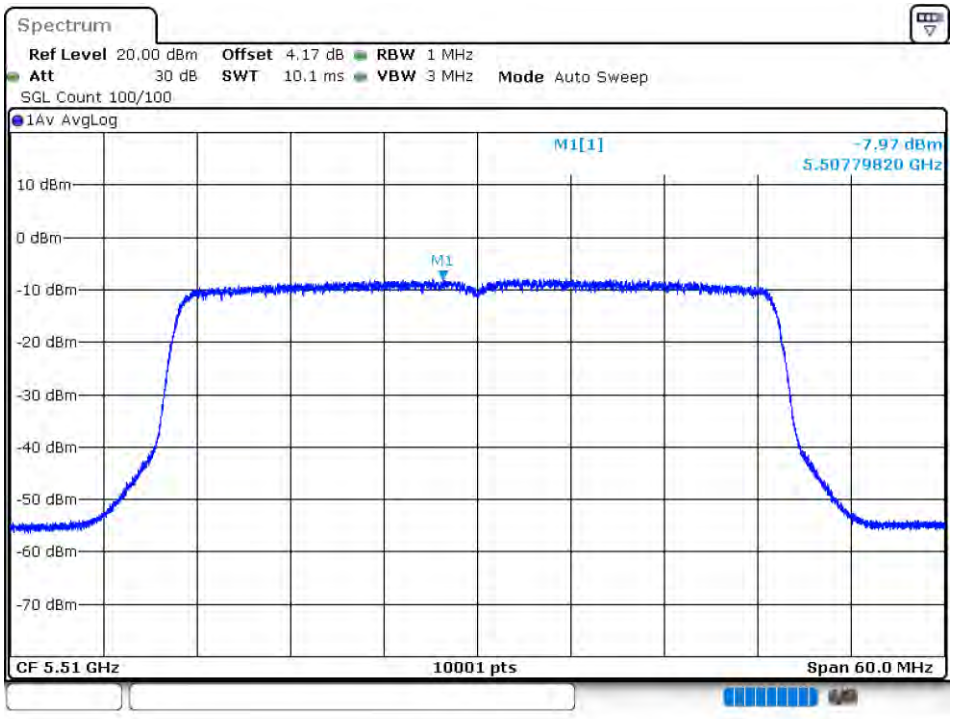
PSD NVNT ax20 5700MHz Ant2



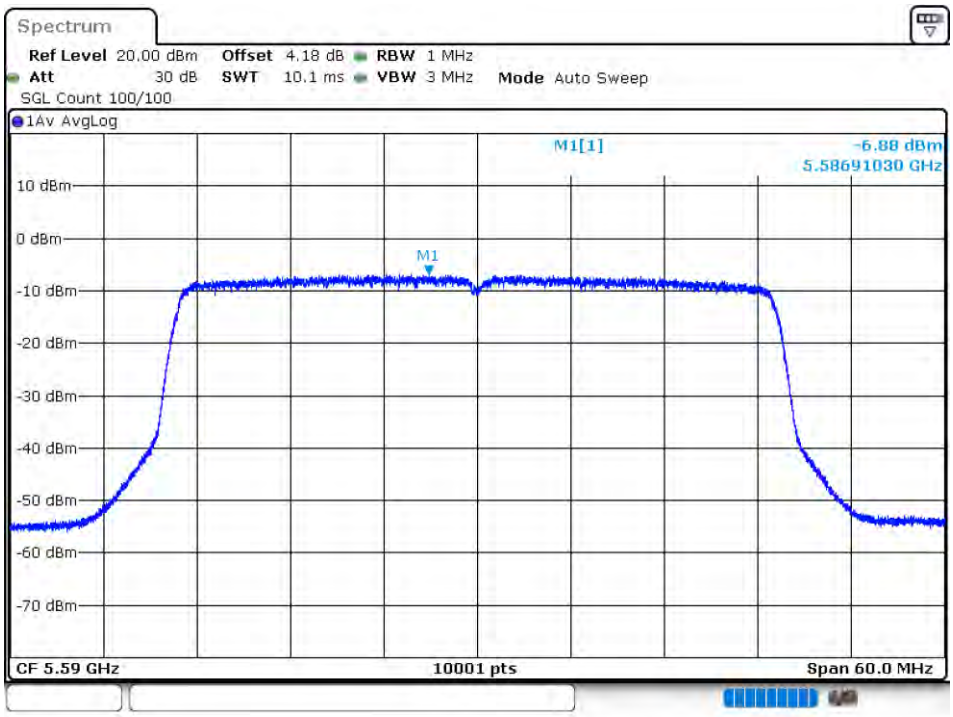
PSD NVNT ax40 5510MHz Ant1



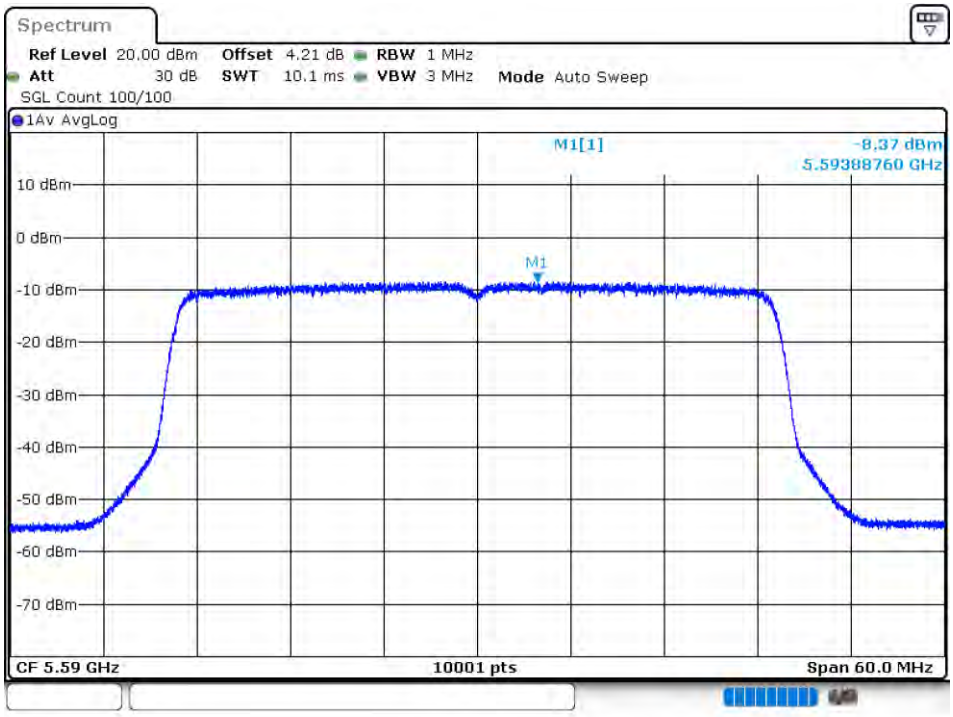
PSD NVNT ax40 5510MHz Ant2



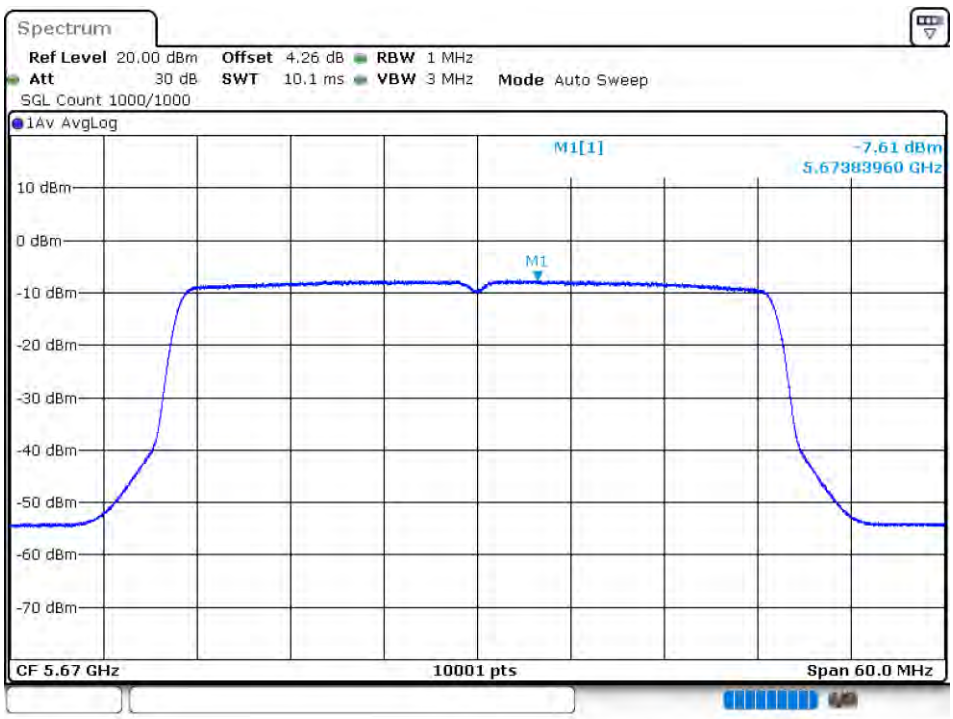
PSD NVNT ax40 5590MHz Ant1



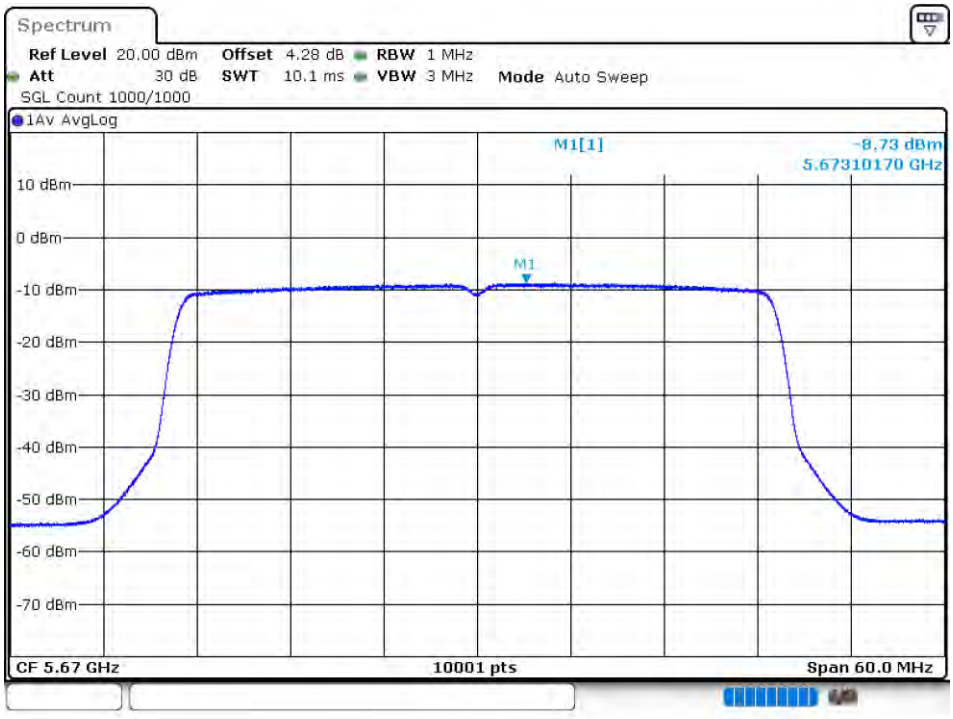
PSD NVNT ax40 5590MHz Ant2



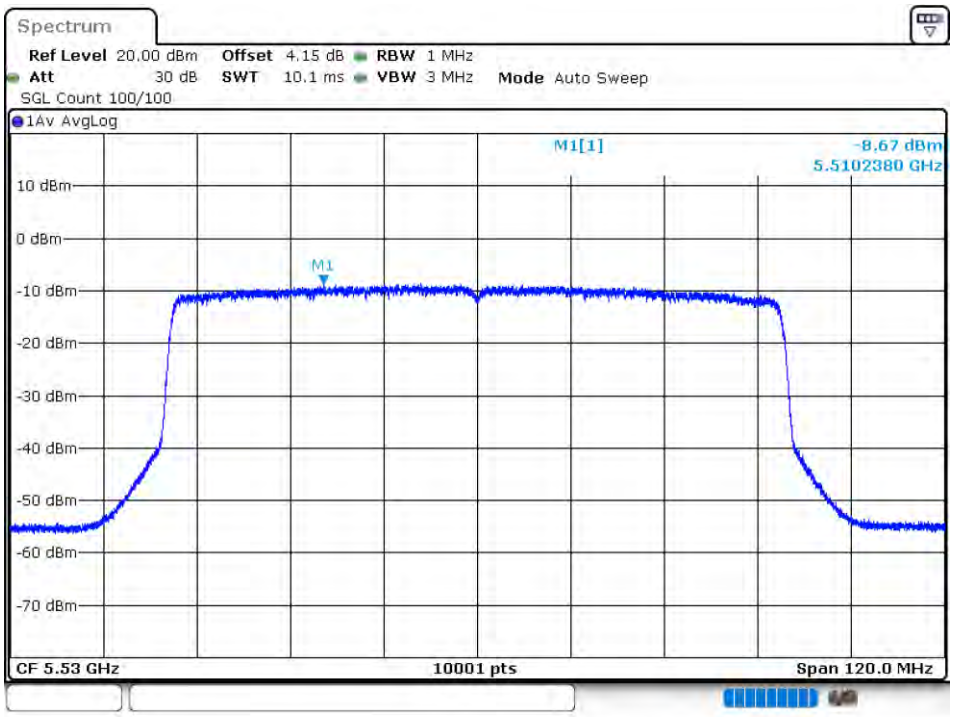
PSD NVNT ax40 5670MHz Ant1



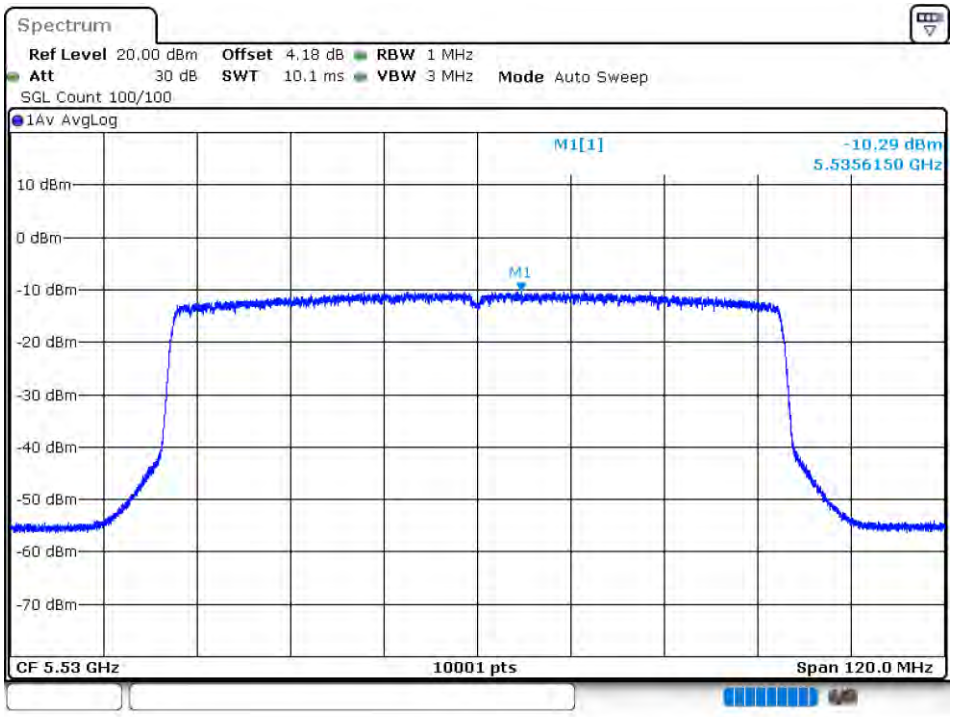
PSD NVNT ax40 5670MHz Ant2



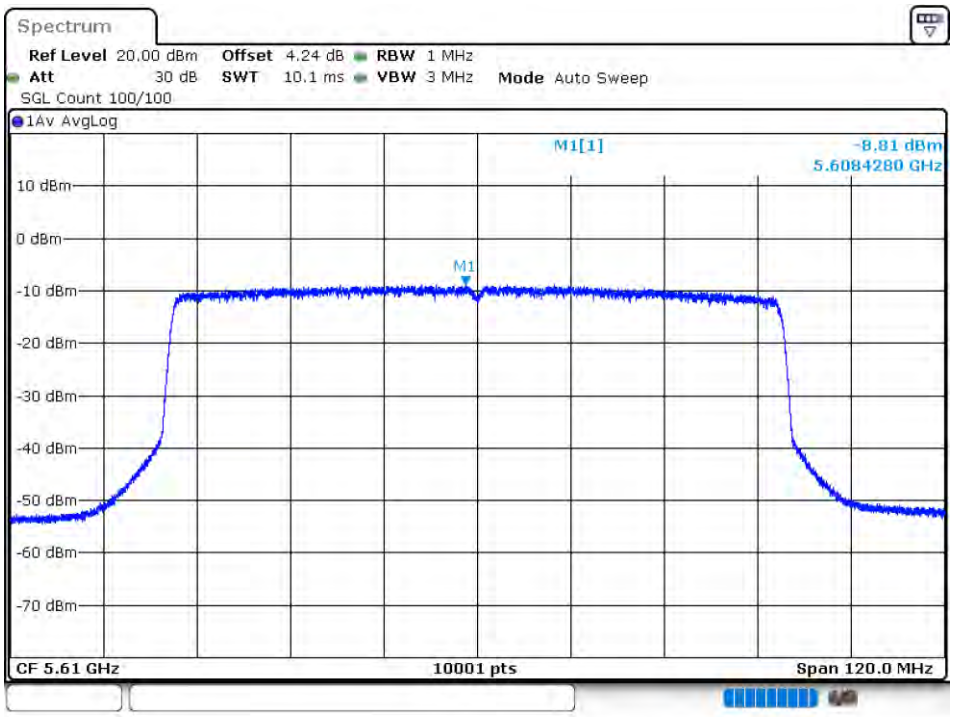
PSD NVNT ax80 5530MHz Ant1



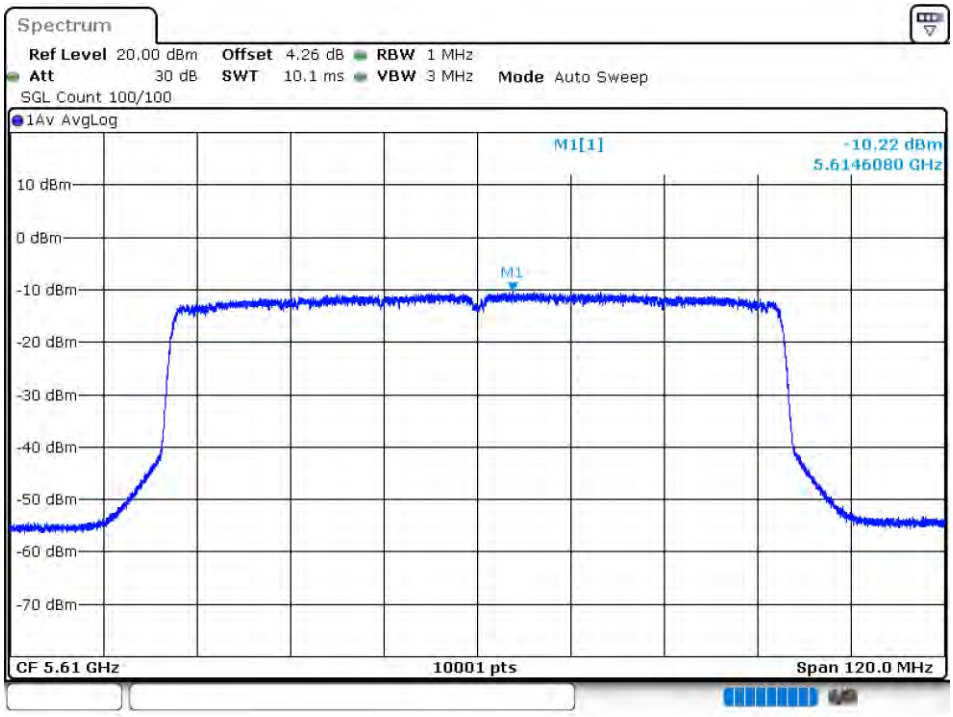
PSD NVNT ax80 5530MHz Ant2



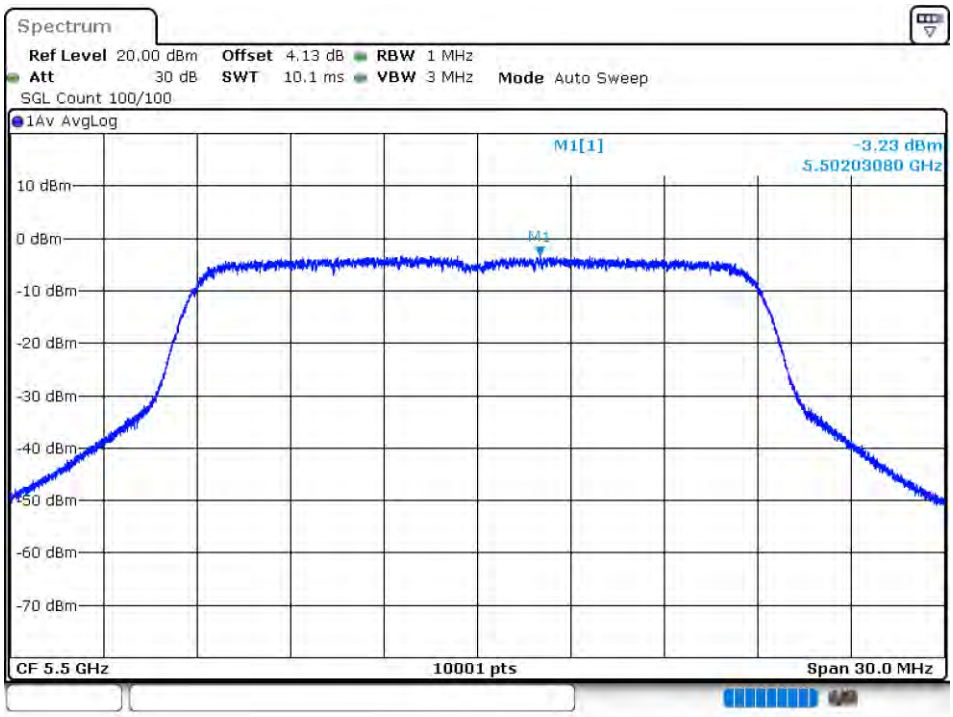
PSD NVNT ax80 5610MHz Ant1



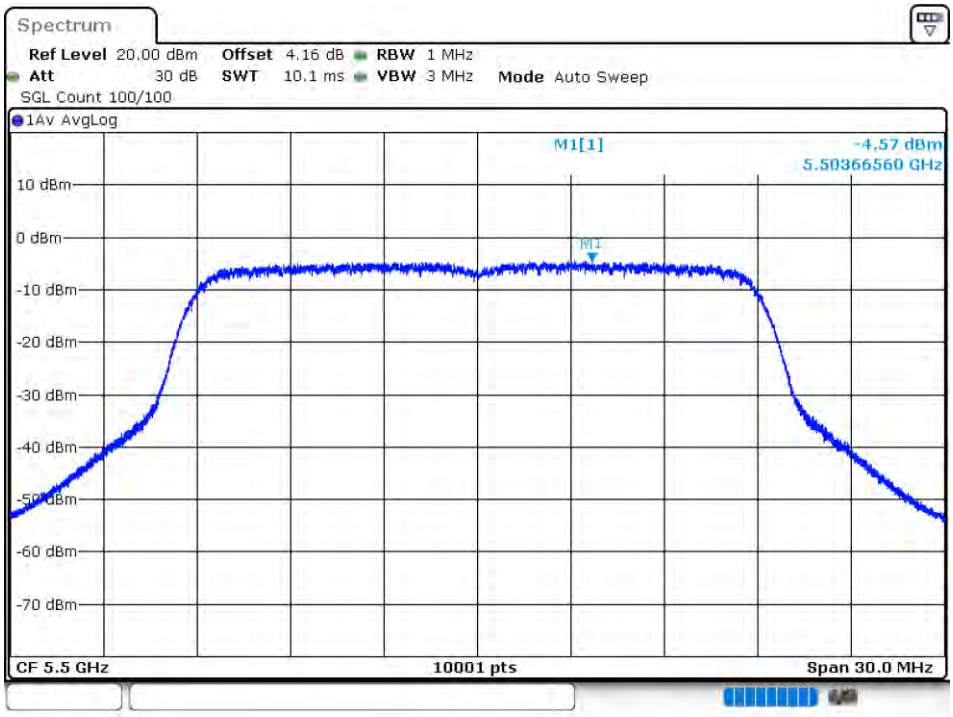
PSD NVNT ax80 5610MHz Ant2



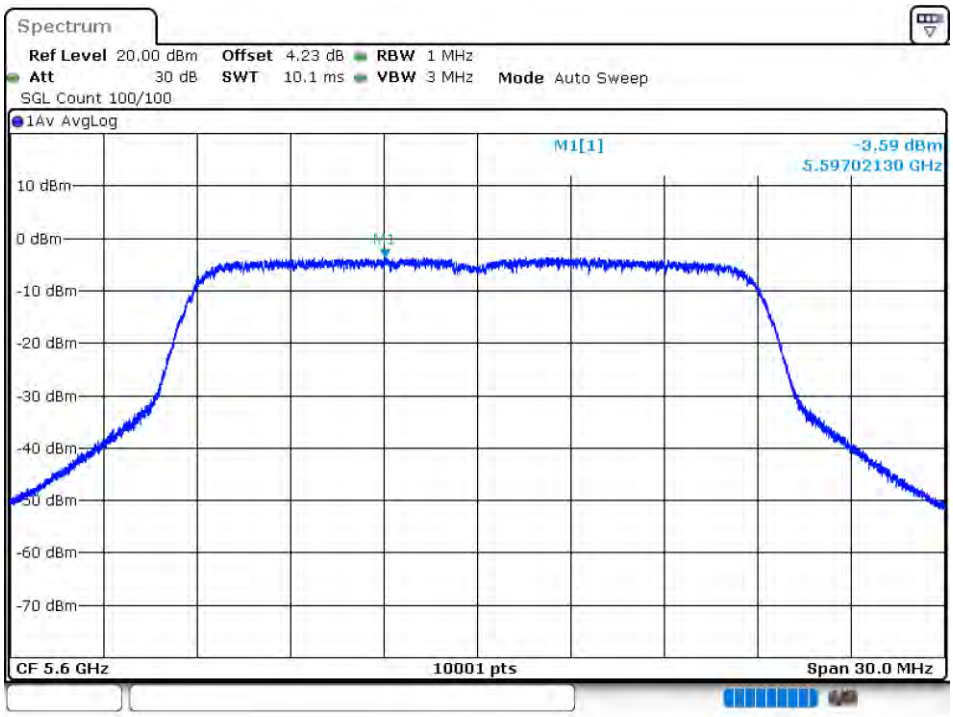
PSD NVNT n20 5500MHz Ant1



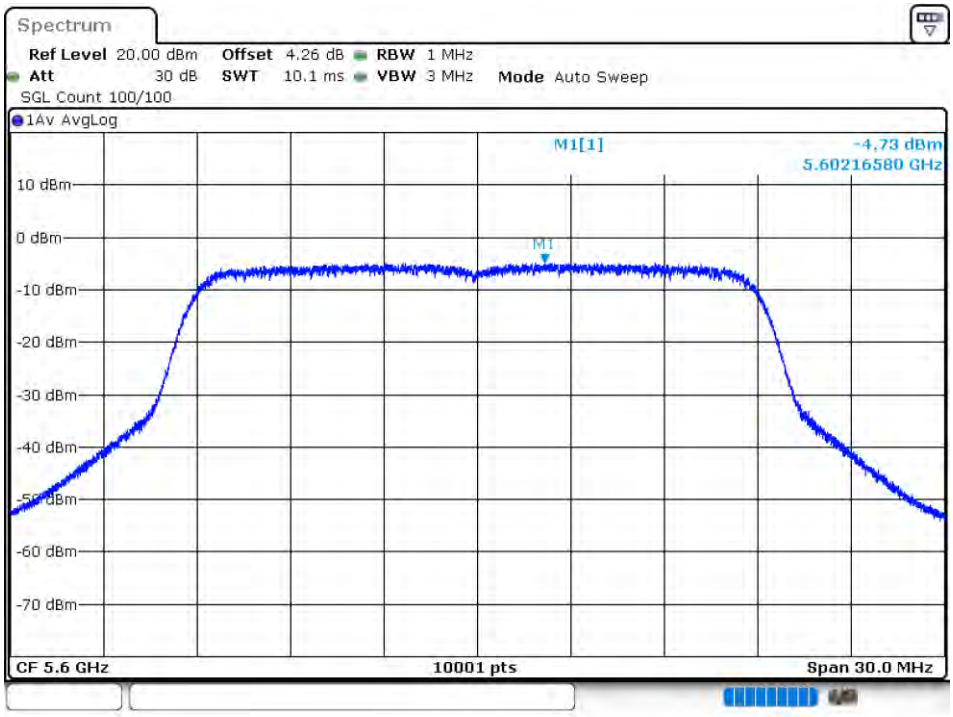
PSD NVNT n20 5500MHz Ant2



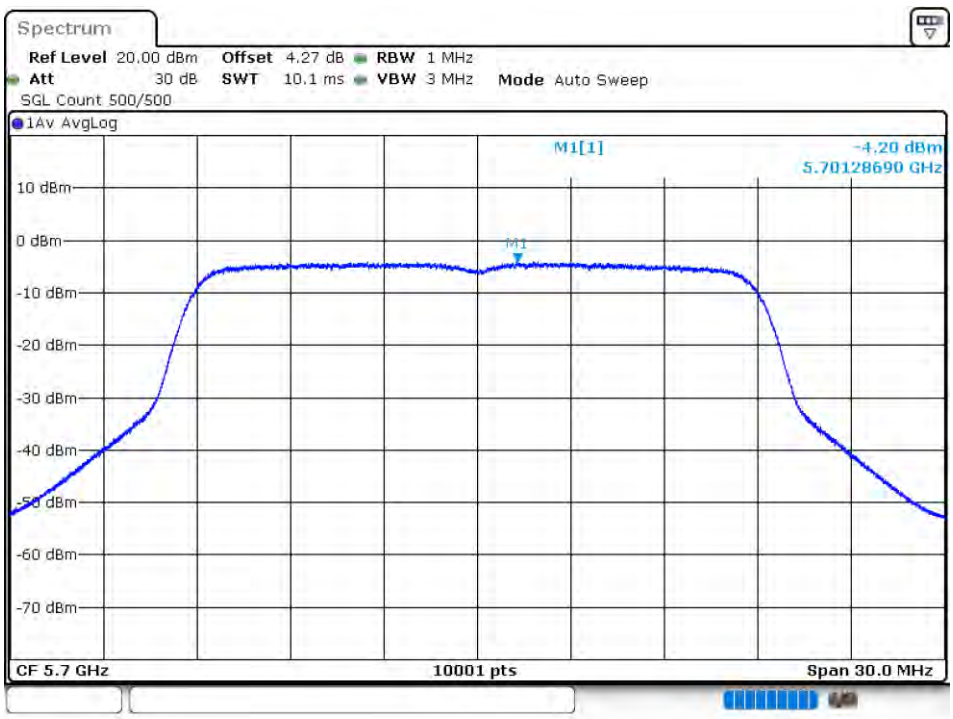
PSD NVNT n20 5600MHz Ant1



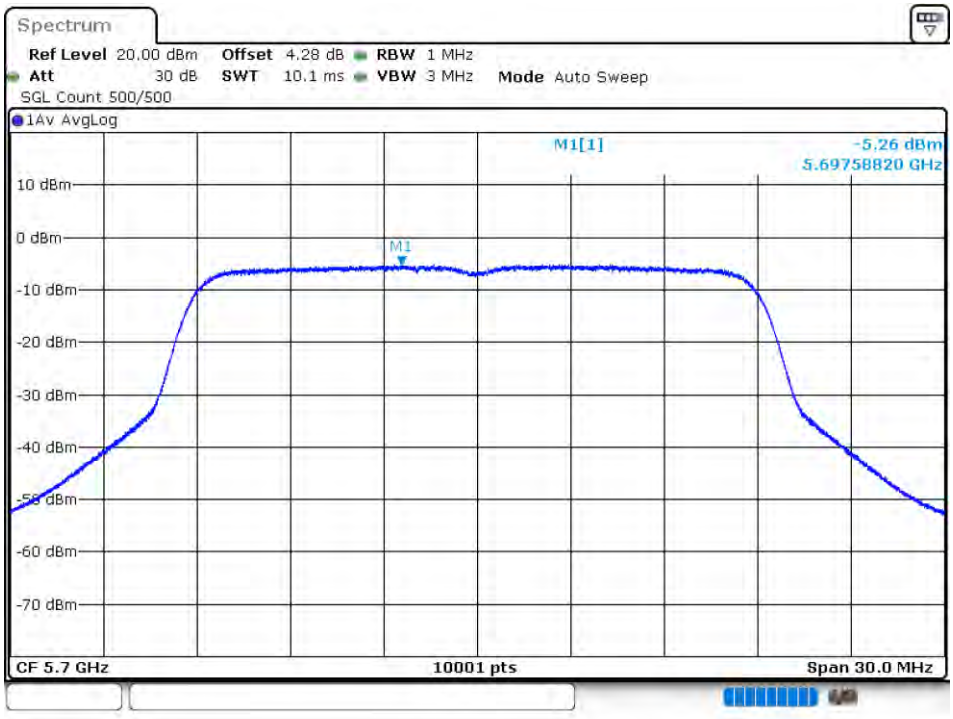
PSD NVNT n20 5600MHz Ant2



PSD NVNT n20 5700MHz Ant1



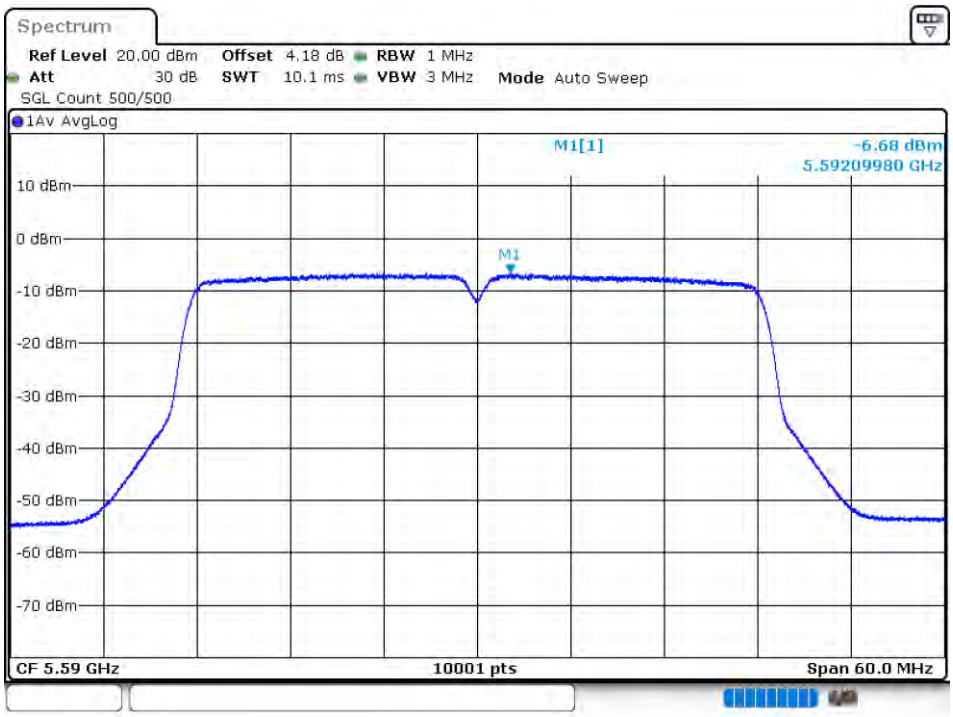
PSD NVNT n20 5700MHz Ant2



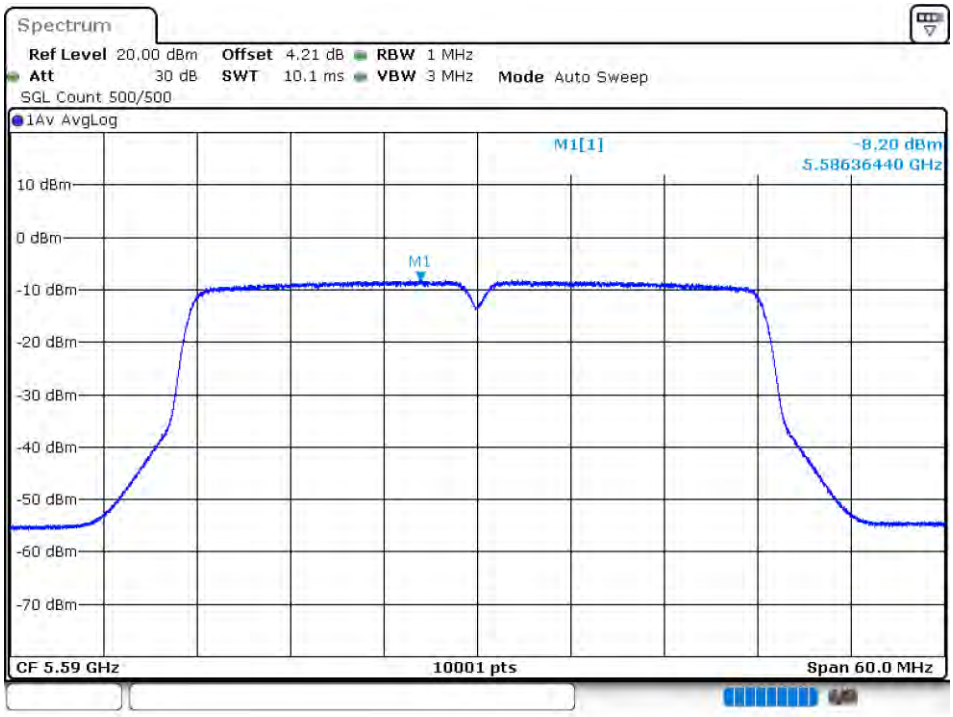
PSD NVNT n40 5510MHz Ant1

PSD NVNT n40 5510MHz Ant2

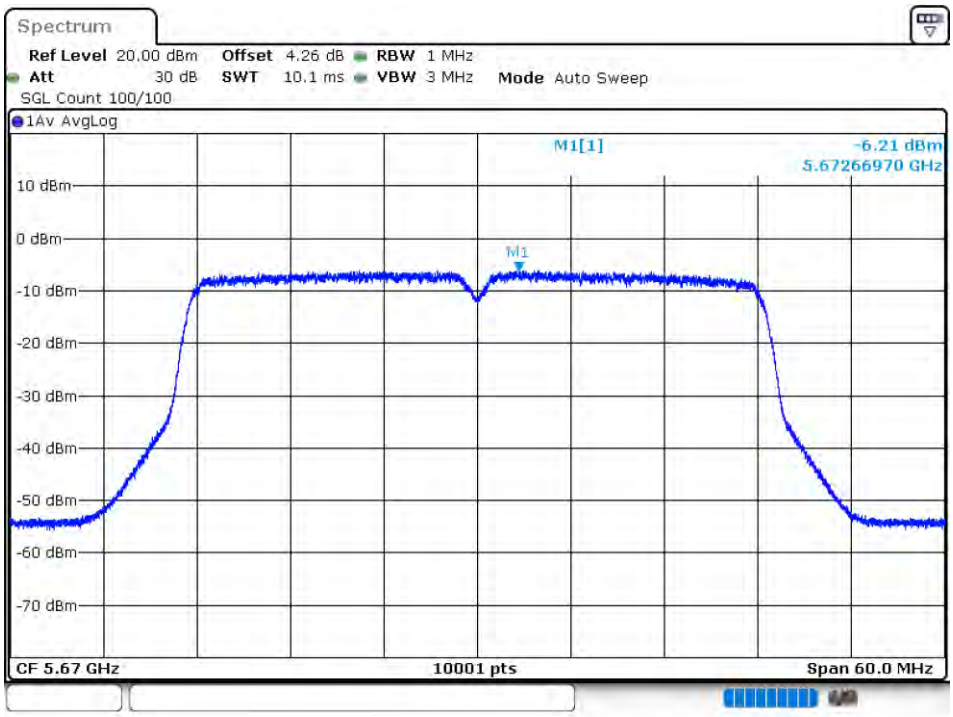
PSD NVNT n40 5590MHz Ant1



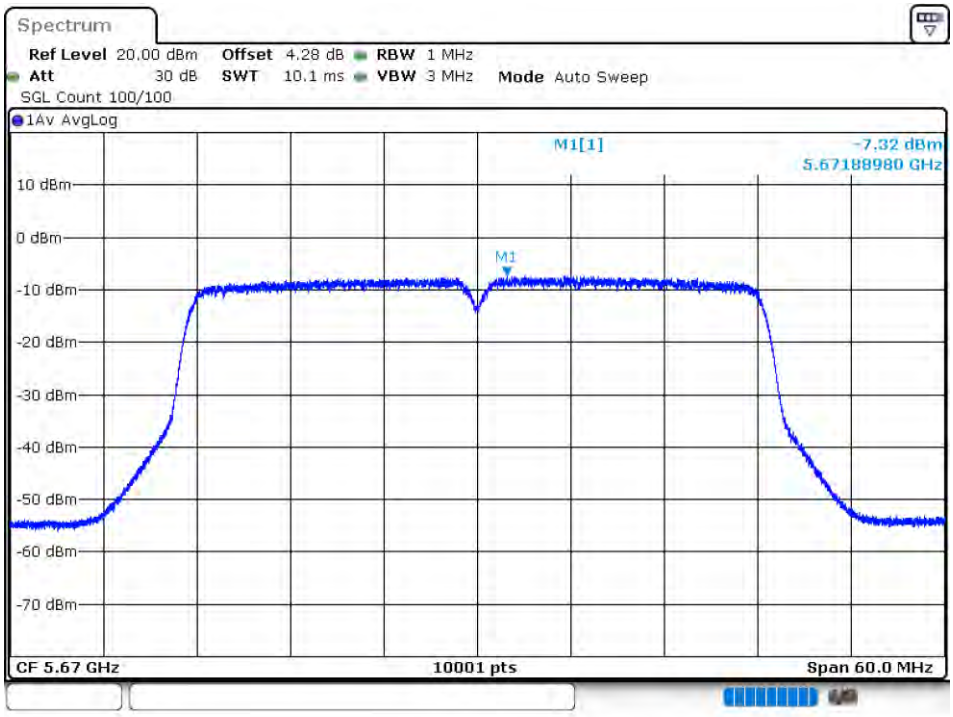
PSD NVNT n40 5590MHz Ant2



PSD NVNT n40 5670MHz Ant1



PSD NVNT n40 5670MHz Ant2

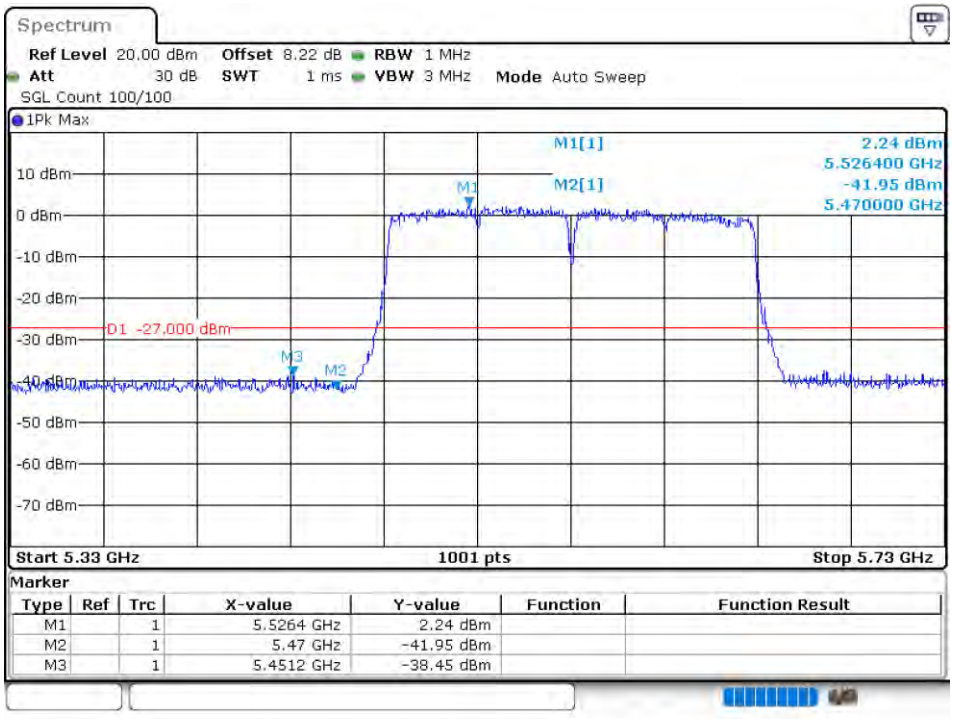


Band Edge

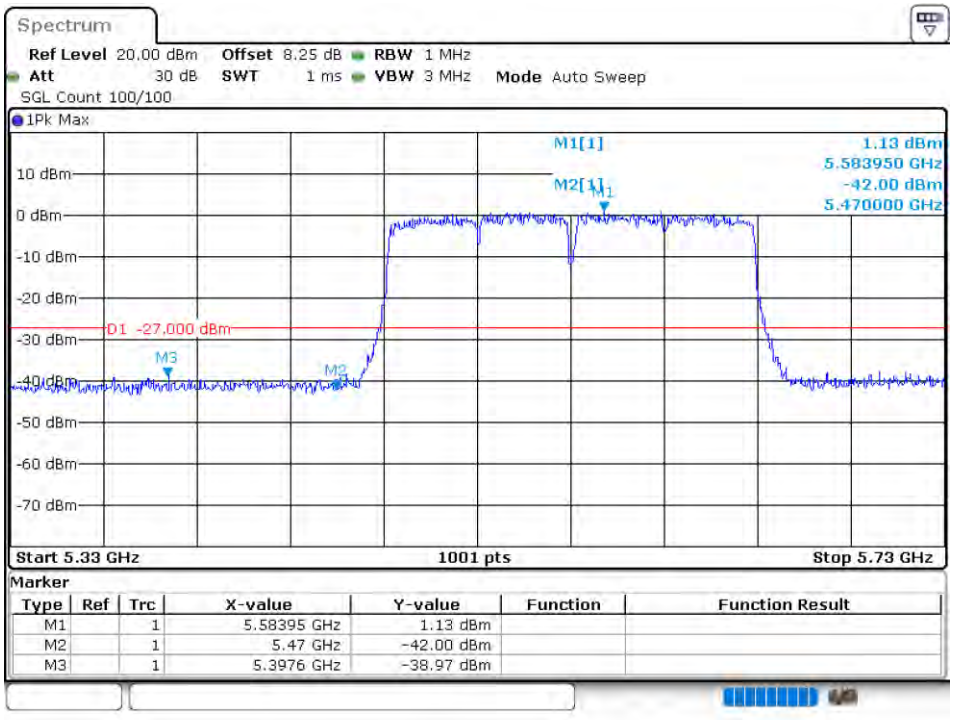
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ac160	5570	Ant1	-38.44	-27	Pass
NVNT	ac160	5570	Ant2	-38.97	-27	Pass
NVNT	ac20	5500	Ant1	-38.51	-27	Pass
NVNT	ac20	5500	Ant2	-38.63	-27	Pass
NVNT	ac20	5700	Ant1	-36.54	-27	Pass
NVNT	ac20	5700	Ant2	-36.78	-27	Pass
NVNT	ac40	5510	Ant1	-38.34	-27	Pass
NVNT	ac40	5510	Ant2	-38.98	-27	Pass
NVNT	ac40	5670	Ant1	-37.16	-27	Pass
NVNT	ac40	5670	Ant2	-36.94	-27	Pass
NVNT	ac80	5530	Ant1	-38.24	-27	Pass
NVNT	ac80	5530	Ant2	-39.3	-27	Pass
NVNT	ac80	5610	Ant1	-38.81	-27	Pass
NVNT	ac80	5610	Ant2	-38.69	-27	Pass
NVNT	ax160	5570	Ant1	-37.62	-27	Pass
NVNT	ax160	5570	Ant2	-38.31	-27	Pass
NVNT	ax20	5500	Ant1	-39.35	-27	Pass
NVNT	ax20	5500	Ant2	-38.76	-27	Pass
NVNT	ax20	5700	Ant1	-37.16	-27	Pass
NVNT	ax20	5700	Ant2	-37.19	-27	Pass
NVNT	ax40	5510	Ant1	-38.58	-27	Pass
NVNT	ax40	5510	Ant2	-38.77	-27	Pass
NVNT	ax40	5670	Ant1	-37.75	-27	Pass
NVNT	ax40	5670	Ant2	-37.25	-27	Pass
NVNT	ax80	5530	Ant1	-38.12	-27	Pass
NVNT	ax80	5530	Ant2	-38.53	-27	Pass
NVNT	ax80	5610	Ant1	-37.05	-27	Pass
NVNT	ax80	5610	Ant2	-38.83	-27	Pass
NVNT	n20	5500	Ant1	-38.76	-27	Pass
NVNT	n20	5500	Ant2	-38	-27	Pass
NVNT	n20	5700	Ant1	-36.9	-27	Pass
NVNT	n20	5700	Ant2	-37.73	-27	Pass
NVNT	n40	5510	Ant1	-38.78	-27	Pass
NVNT	n40	5510	Ant2	-38.52	-27	Pass
NVNT	n40	5670	Ant1	-37.14	-27	Pass
NVNT	n40	5670	Ant2	-37.36	-27	Pass

Test Graphs

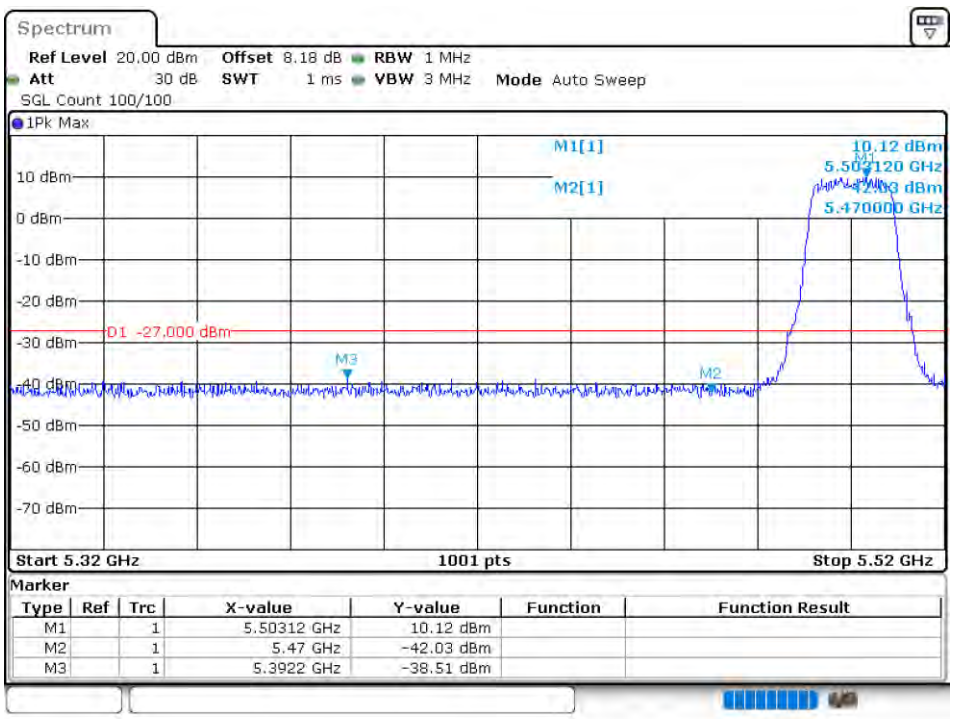
Band Edge NVNT ac160 5570MHz Low Ant1



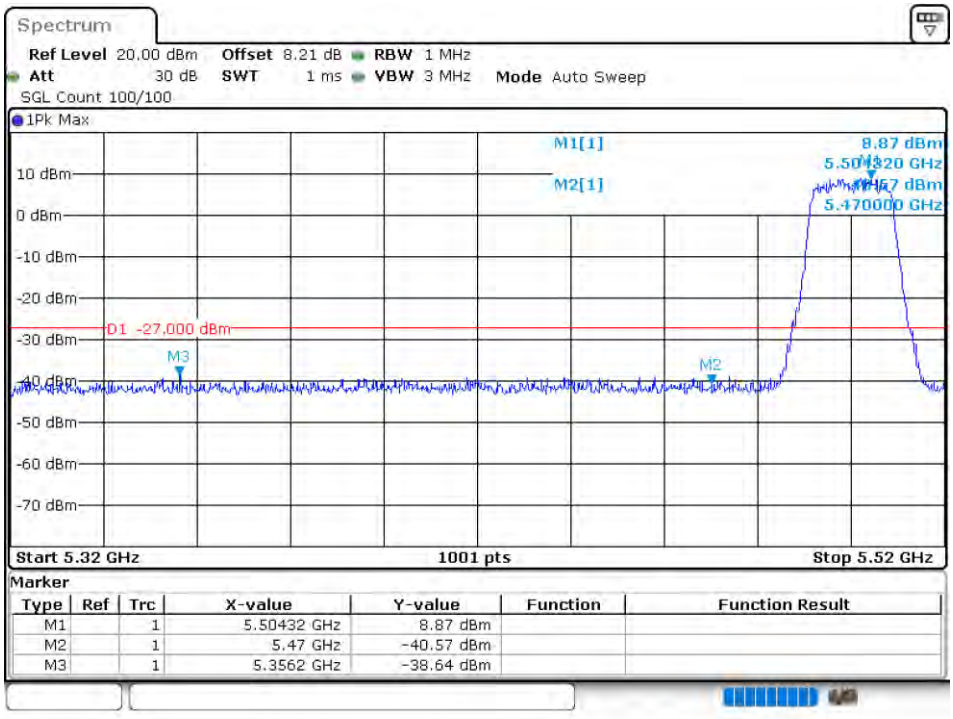
Band Edge NVNT ac160 5570MHz Low Ant2



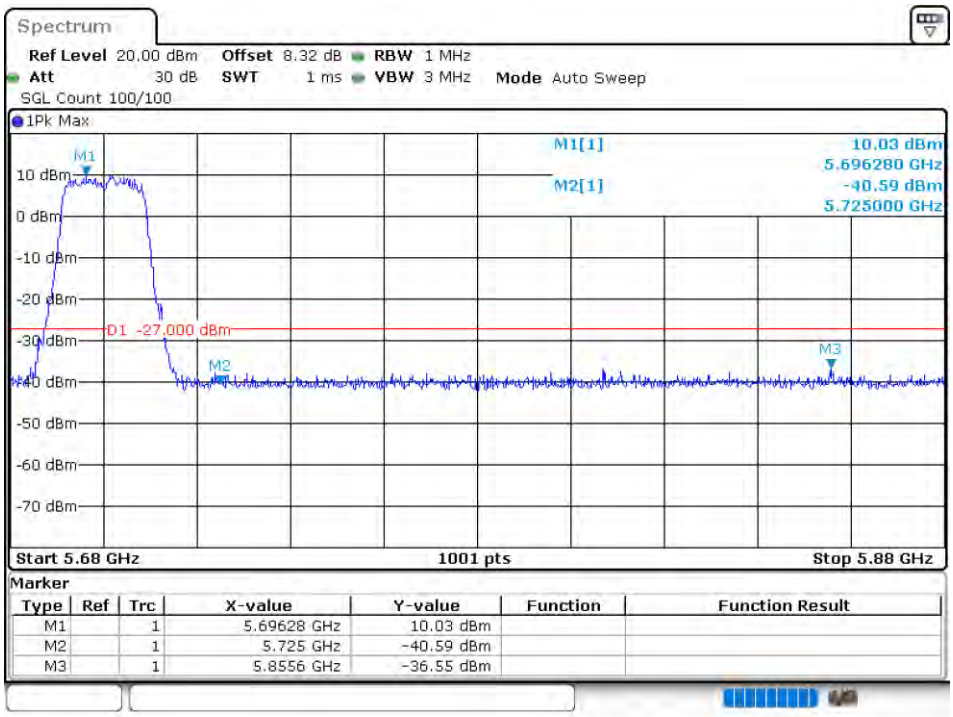
Band Edge NVNT ac20 5500MHz Low Ant1



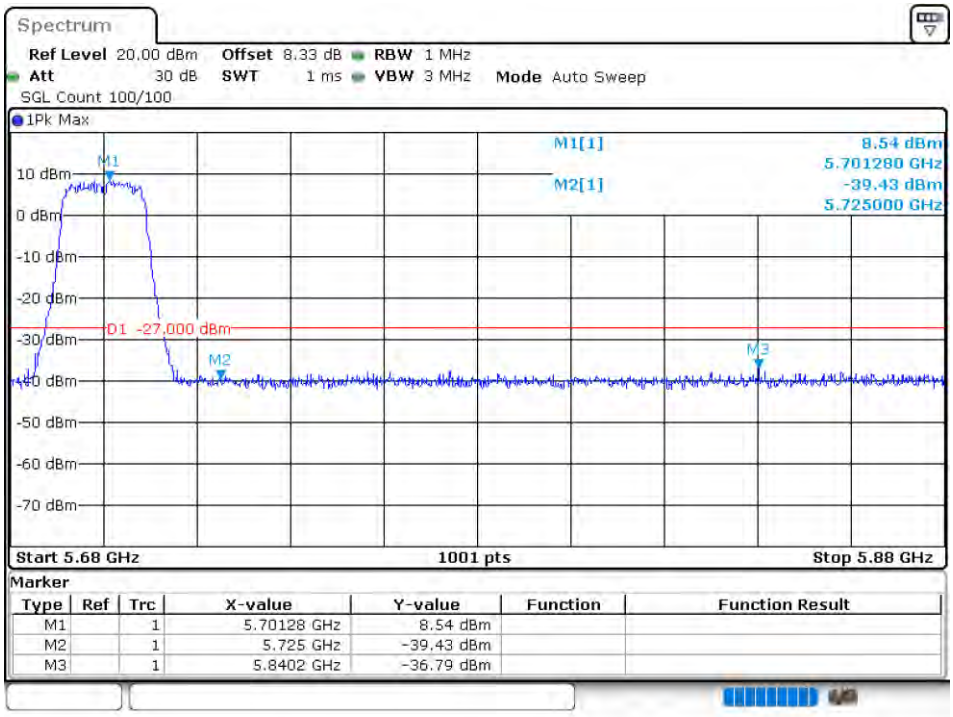
Band Edge NVNT ac20 5500MHz Low Ant2



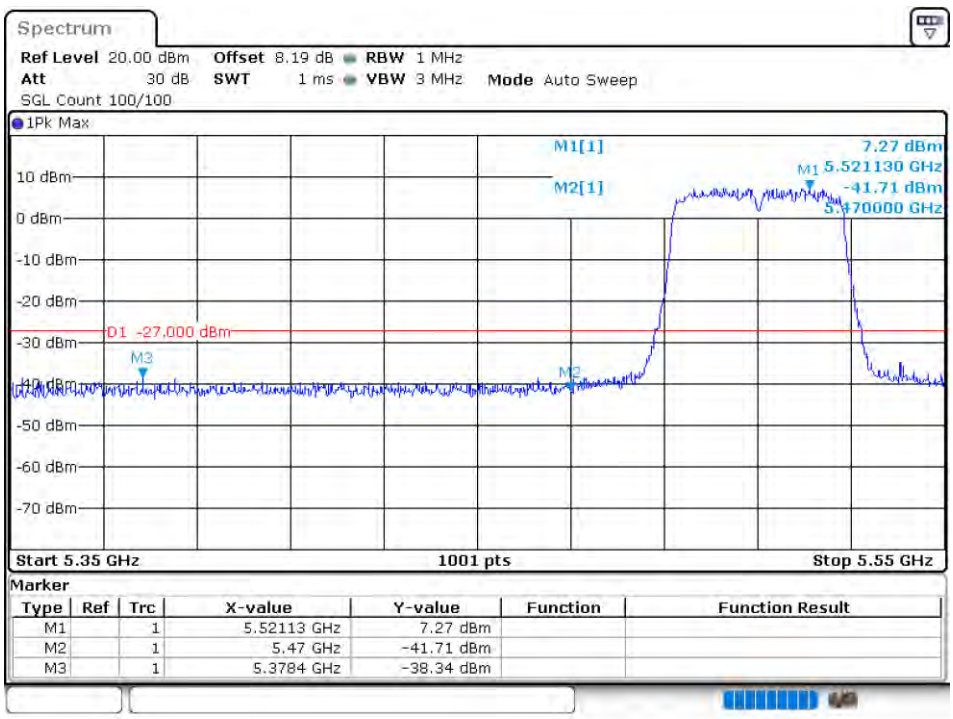
Band Edge NVNT ac20 5700MHz High Ant1



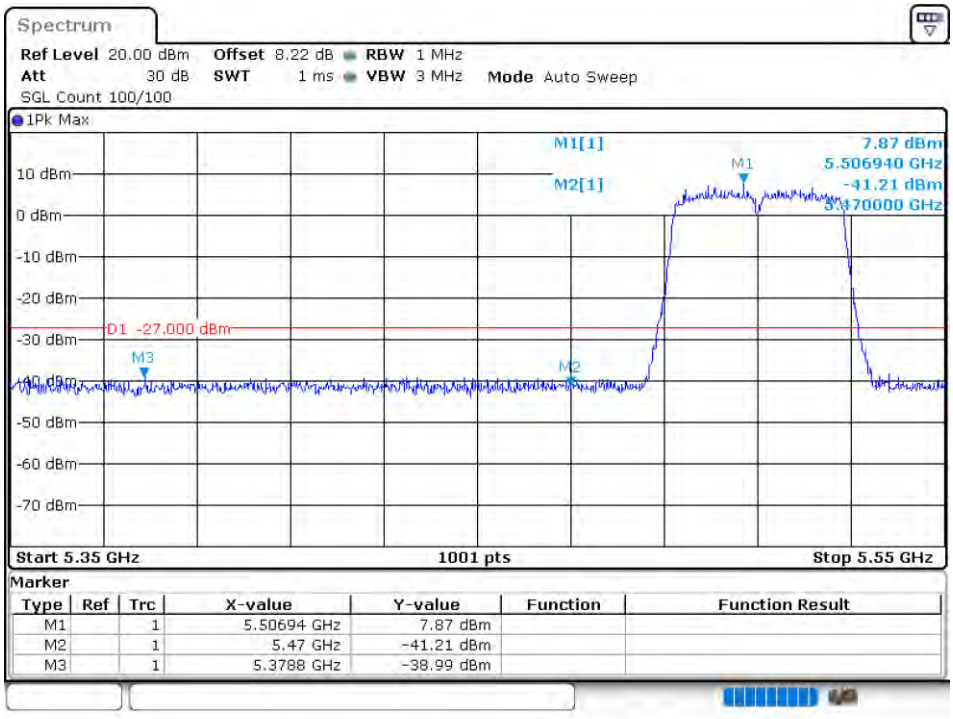
Band Edge NVNT ac20 5700MHz High Ant2



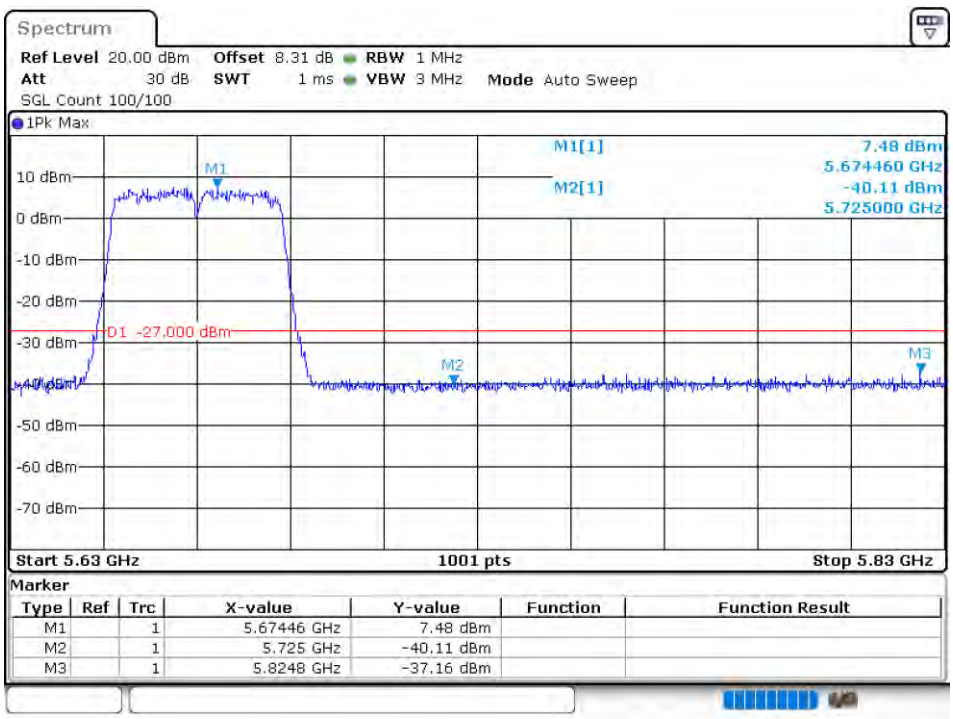
Band Edge NVNT ac40 5510MHz Low Ant1



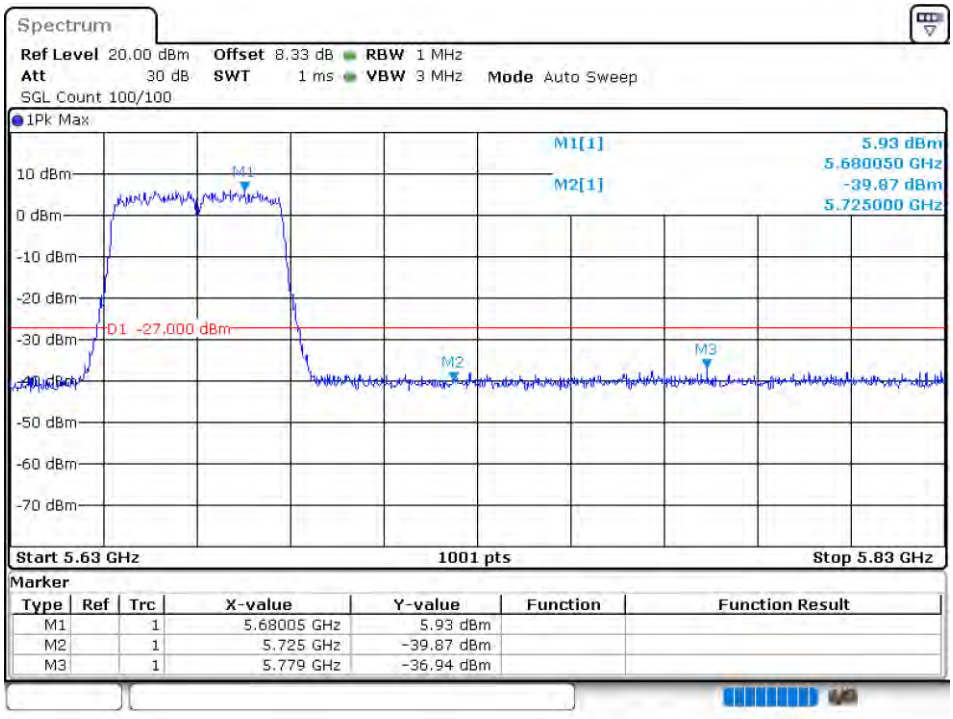
Band Edge NVNT ac40 5510MHz Low Ant2



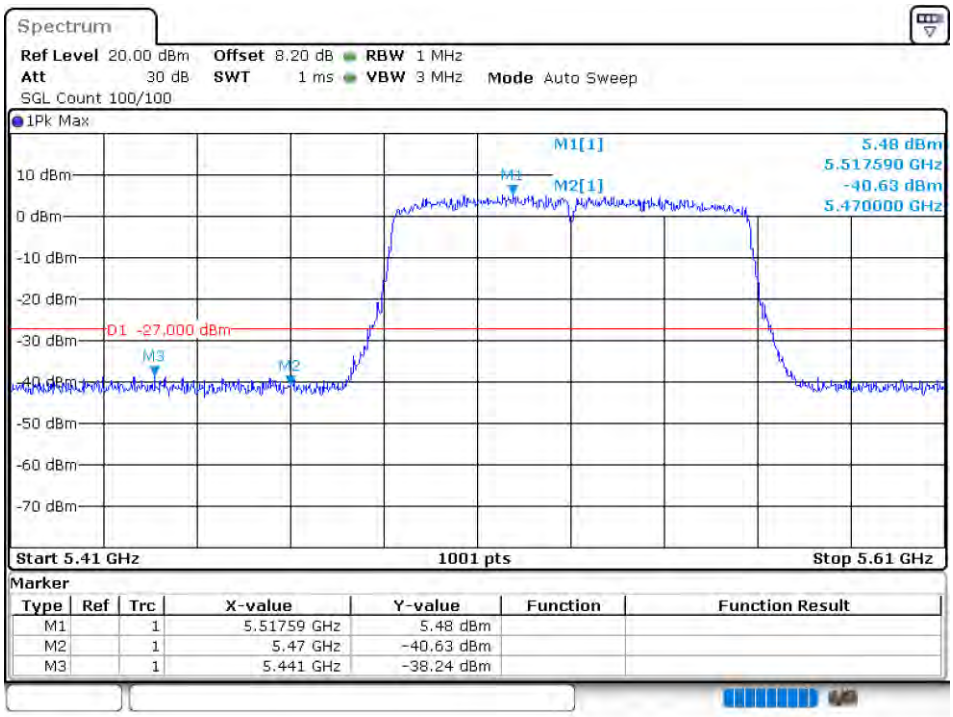
Band Edge NVNT ac40 5670MHz High Ant1



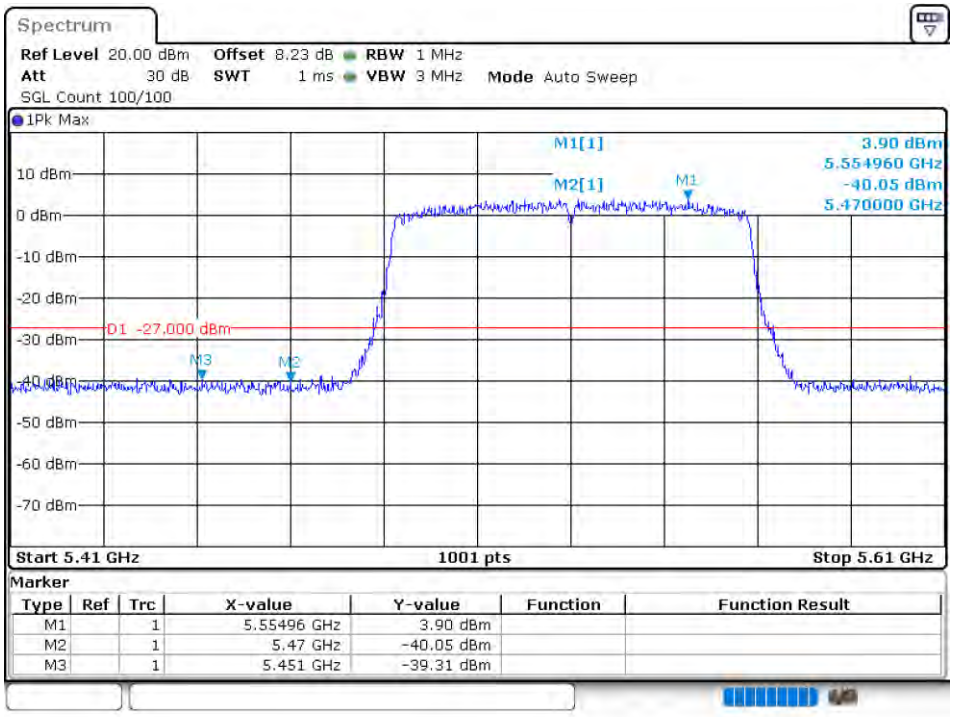
Band Edge NVNT ac40 5670MHz High Ant2



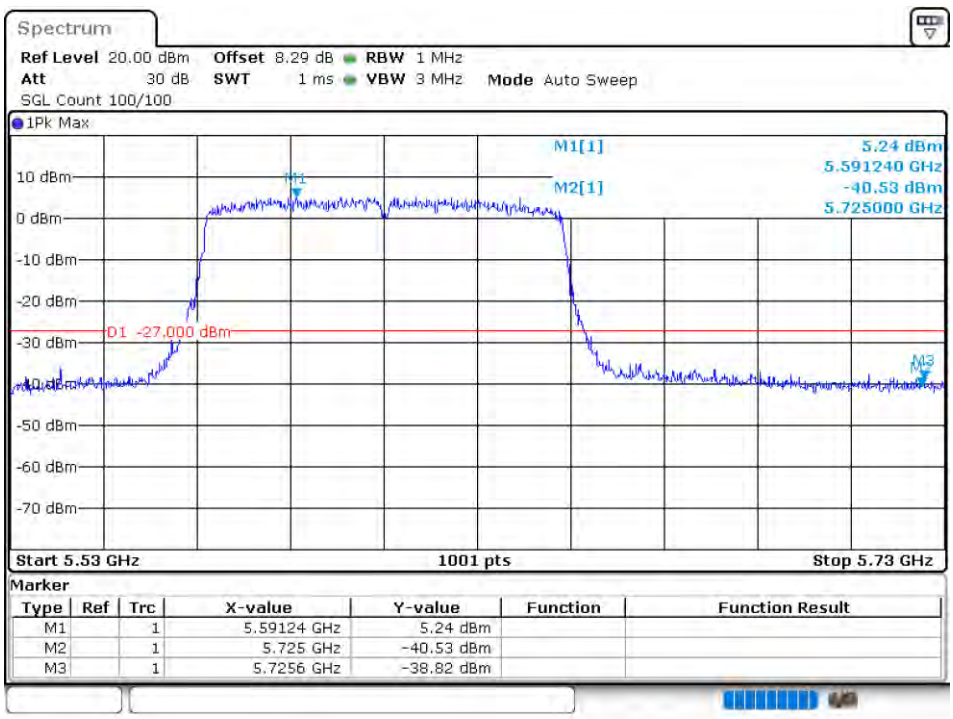
Band Edge NVNT ac80 5530MHz Low Ant1



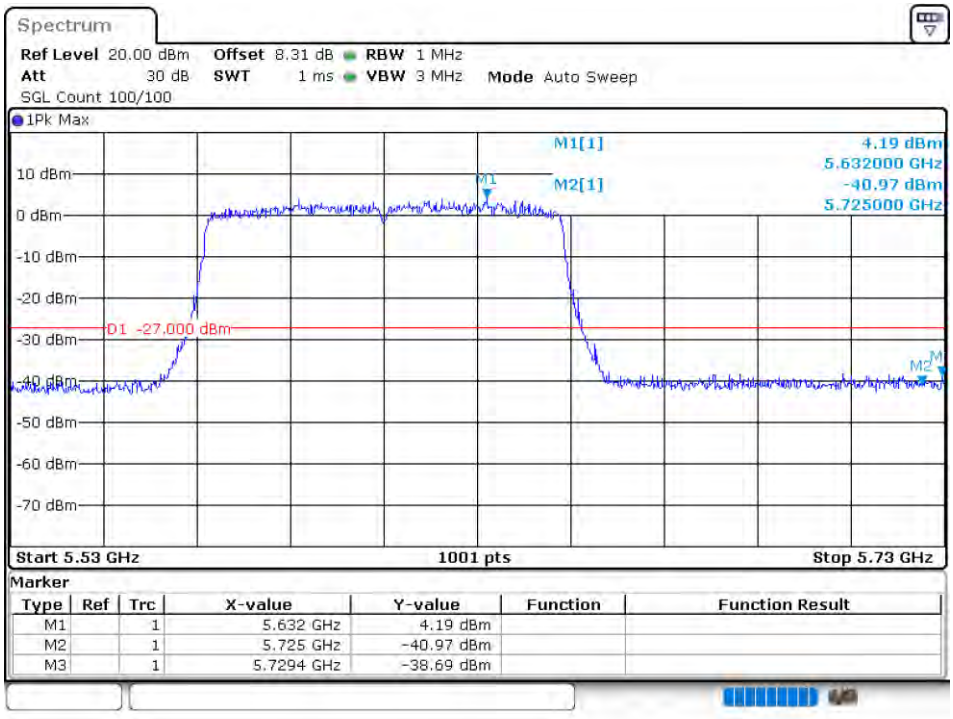
Band Edge NVNT ac80 5530MHz Low Ant2



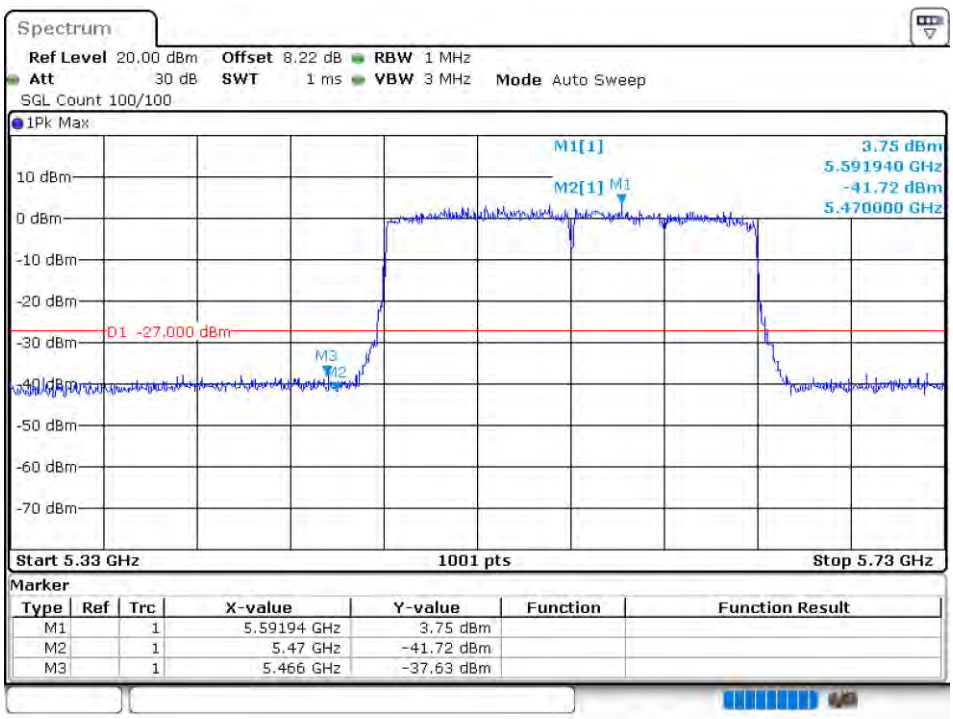
Band Edge NVNT ac80 5610MHz High Ant1



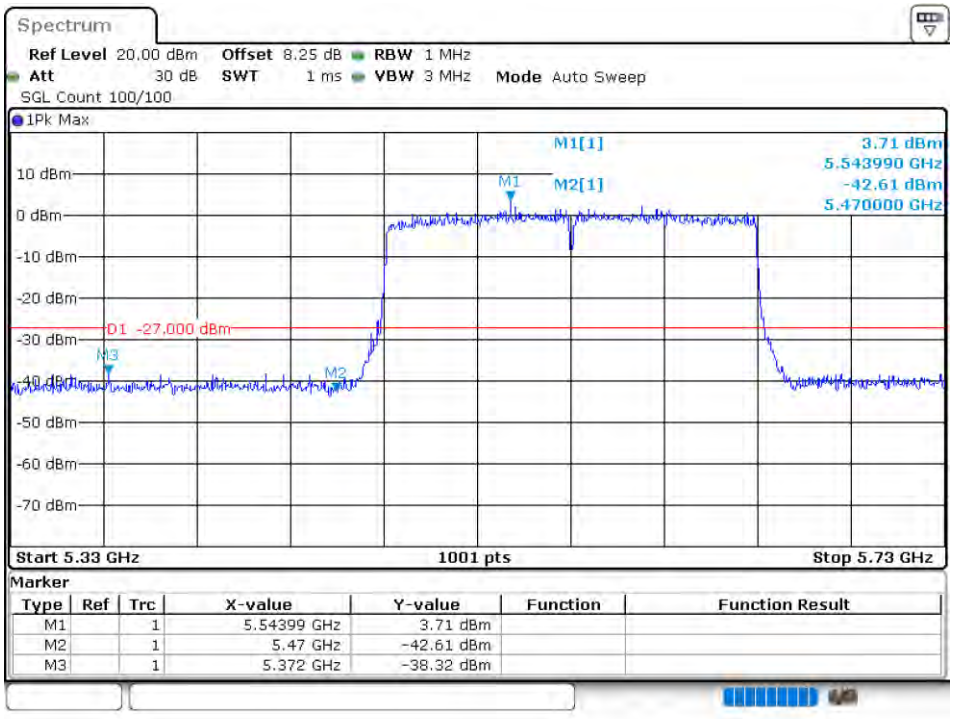
Band Edge NVNT ac80 5610MHz High Ant2



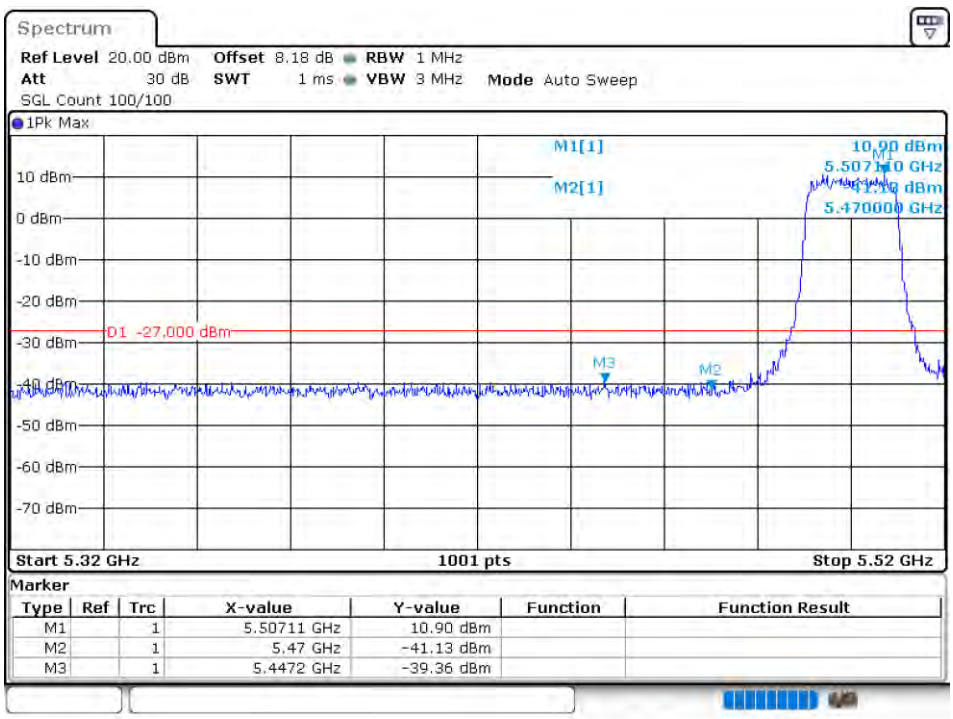
Band Edge NVNT ax160 5570MHz Low Ant1



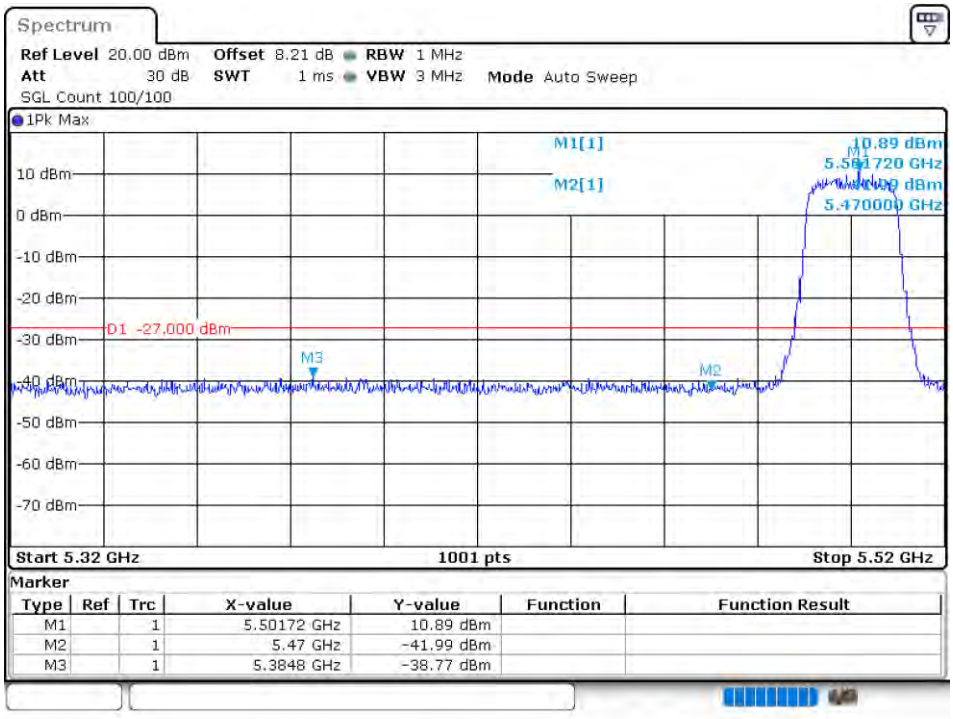
Band Edge NVNT ax160 5570MHz Low Ant2



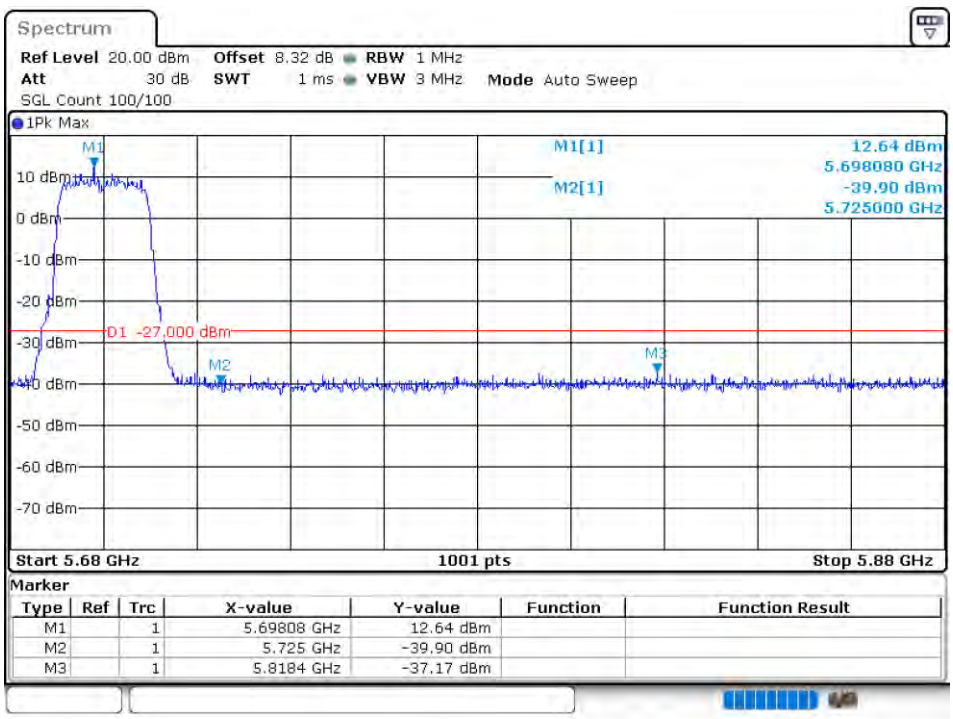
Band Edge NVNT ax20 5500MHz Low Ant1



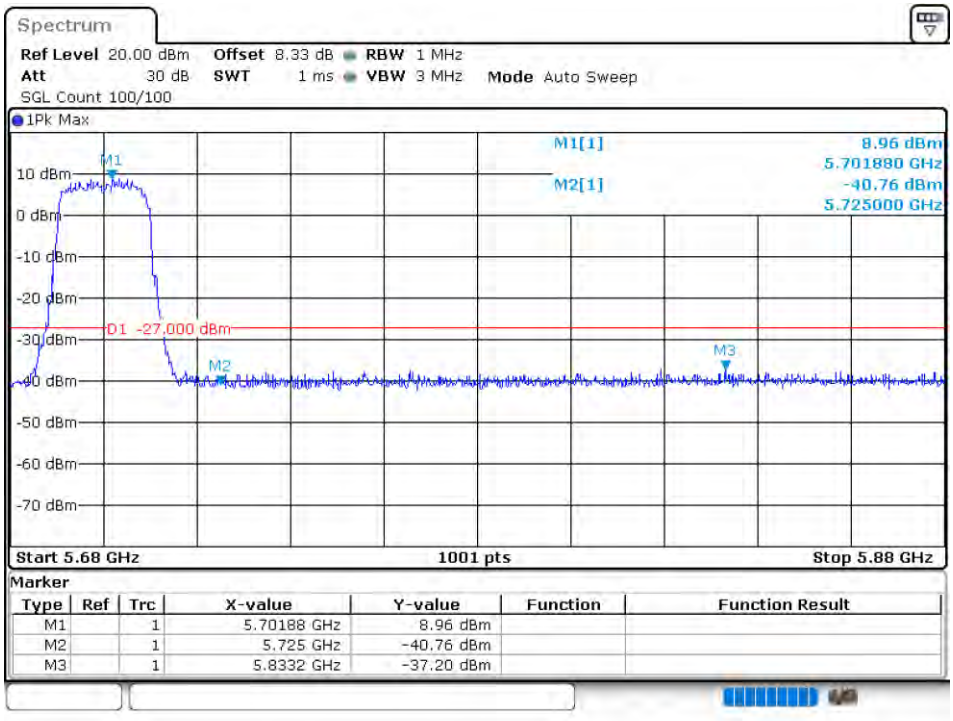
Band Edge NVNT ax20 5500MHz Low Ant2



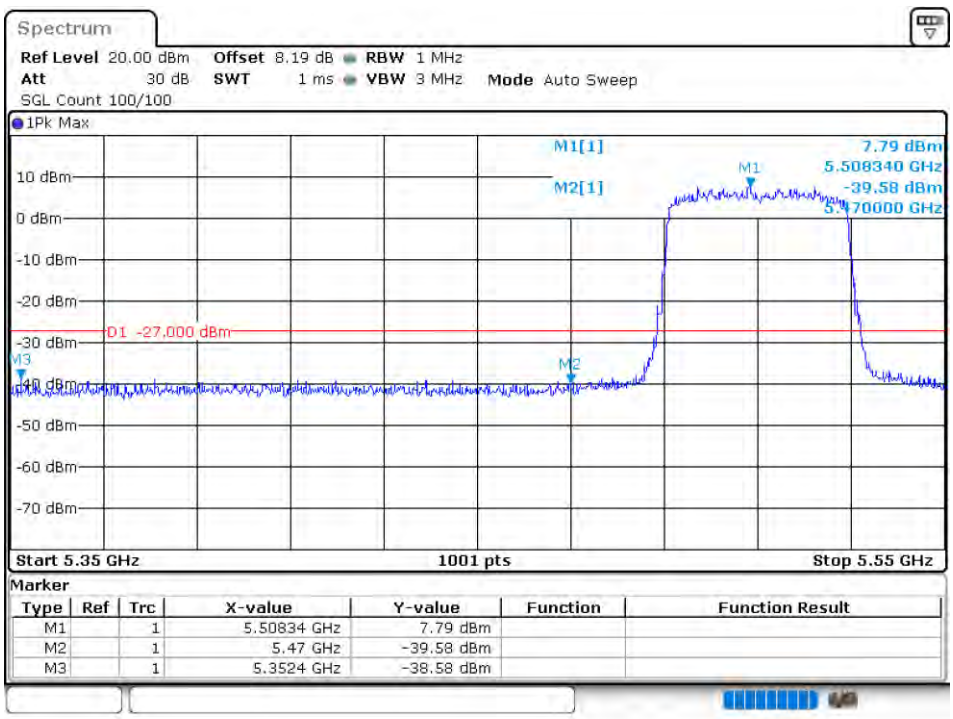
Band Edge NVNT ax20 5700MHz High Ant1



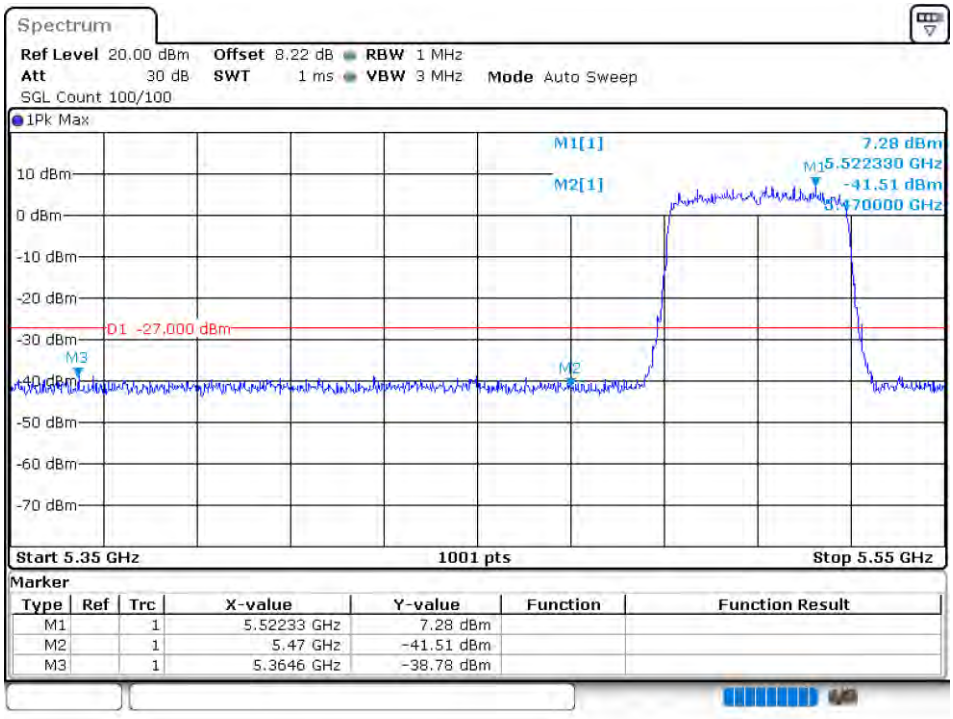
Band Edge NVNT ax20 5700MHz High Ant2



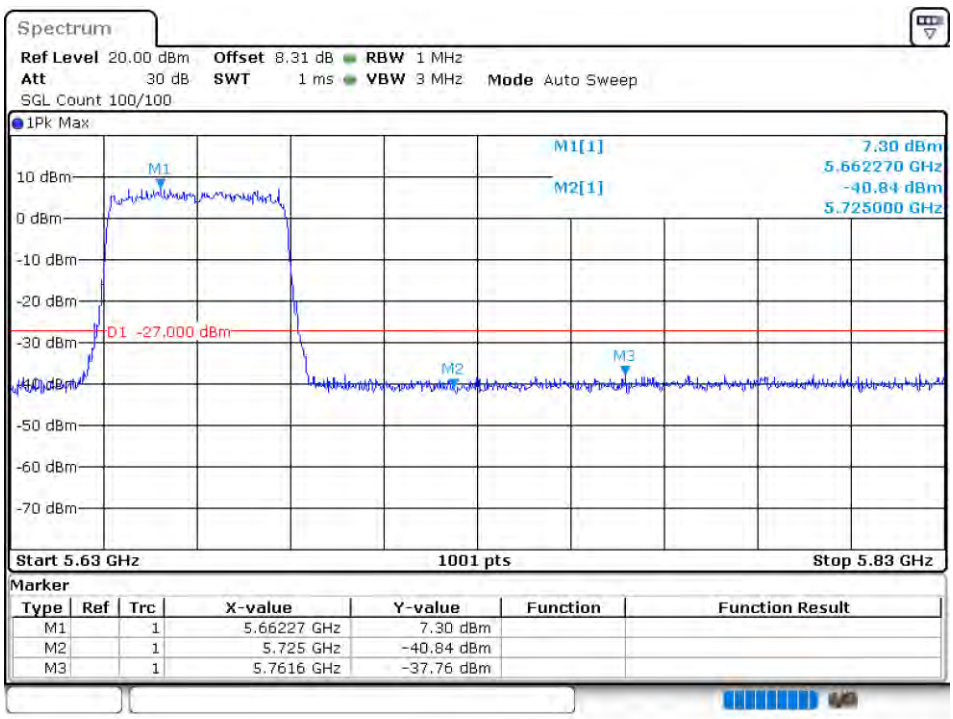
Band Edge NVNT ax40 5510MHz Low Ant1



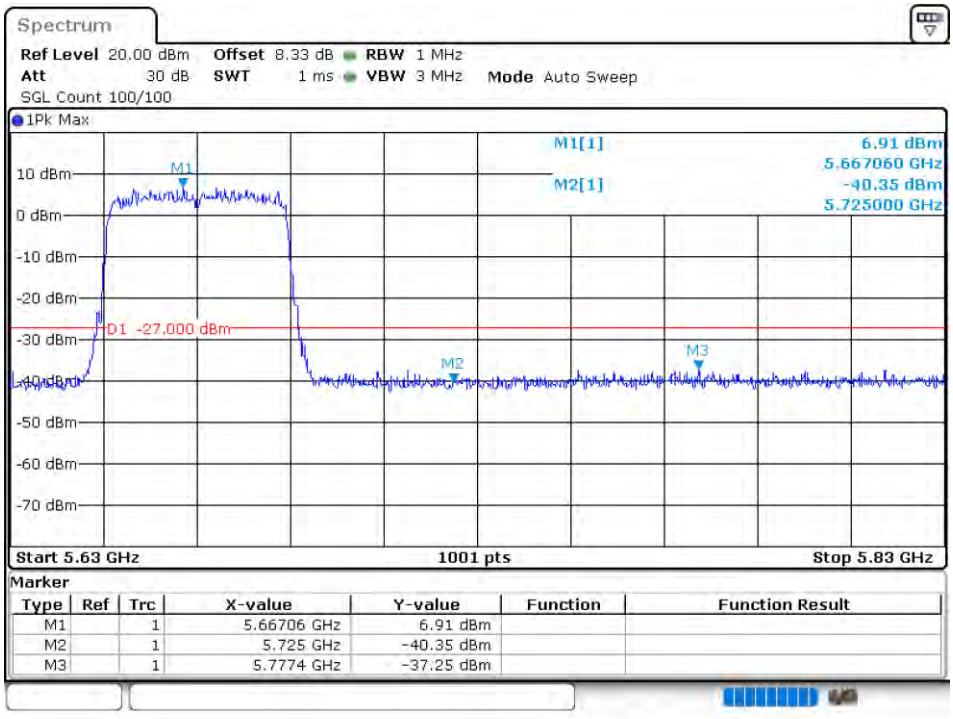
Band Edge NVNT ax40 5510MHz Low Ant2



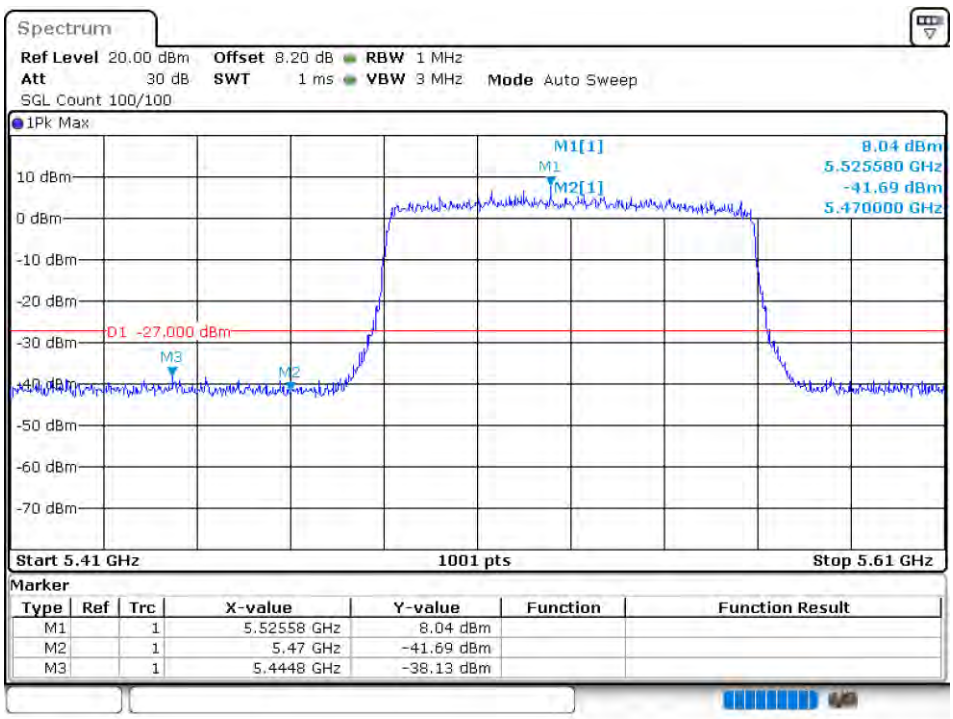
Band Edge NVNT ax40 5670MHz High Ant1



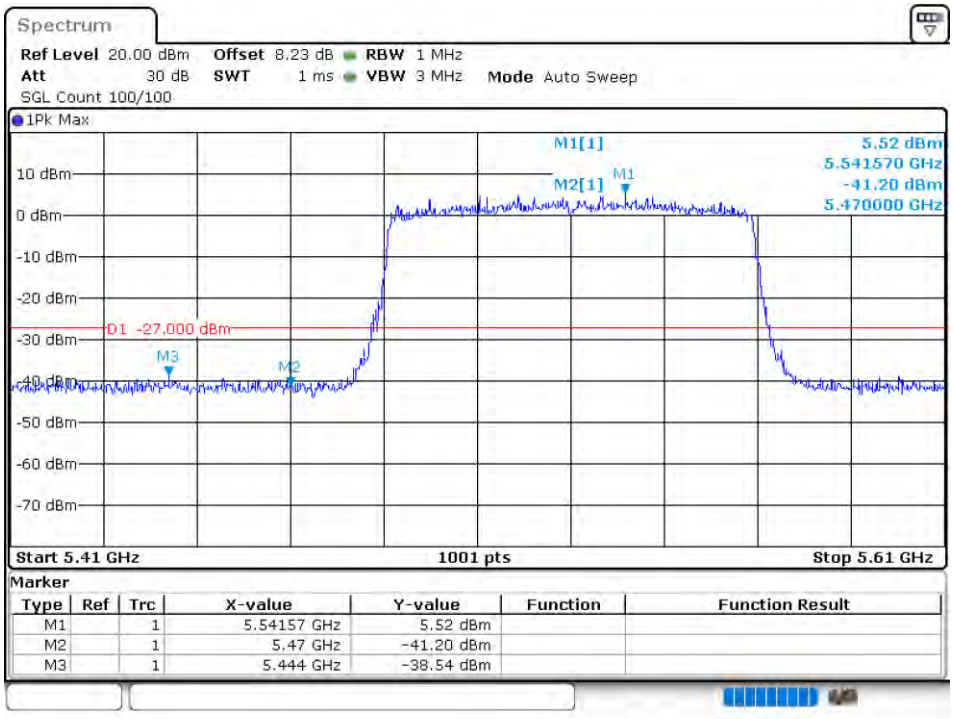
Band Edge NVNT ax40 5670MHz High Ant2



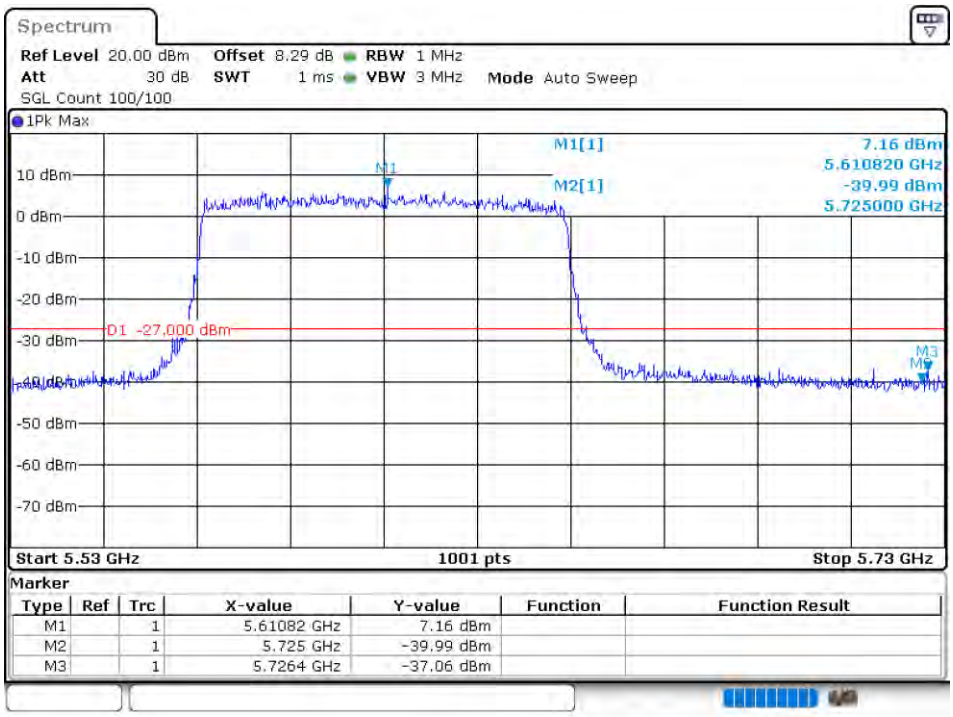
Band Edge NVNT ax80 5530MHz Low Ant1



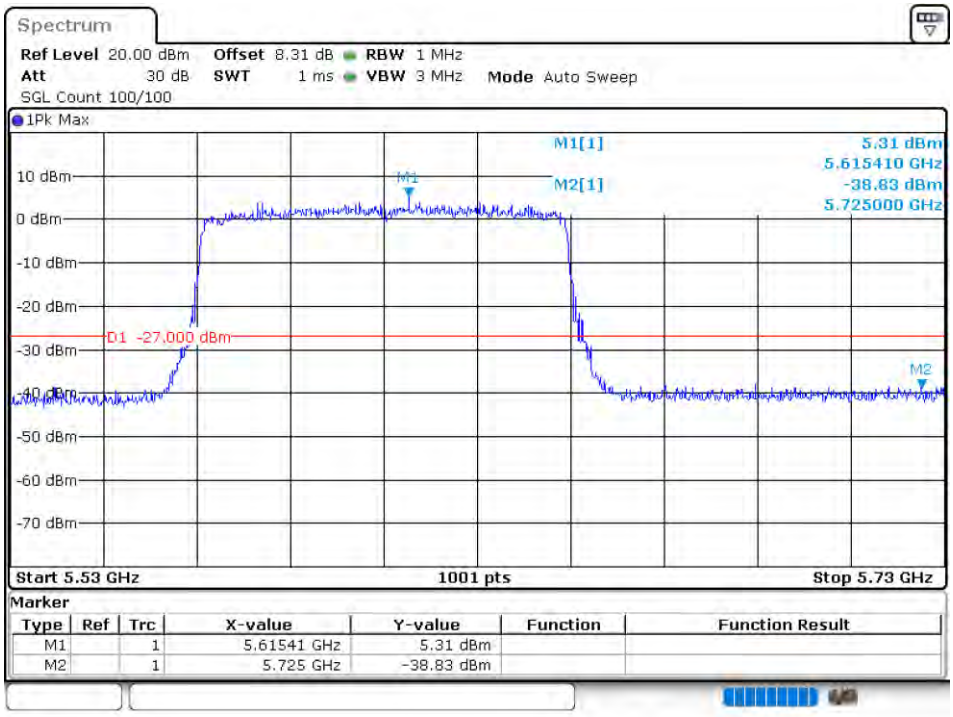
Band Edge NVNT ax80 5530MHz Low Ant2



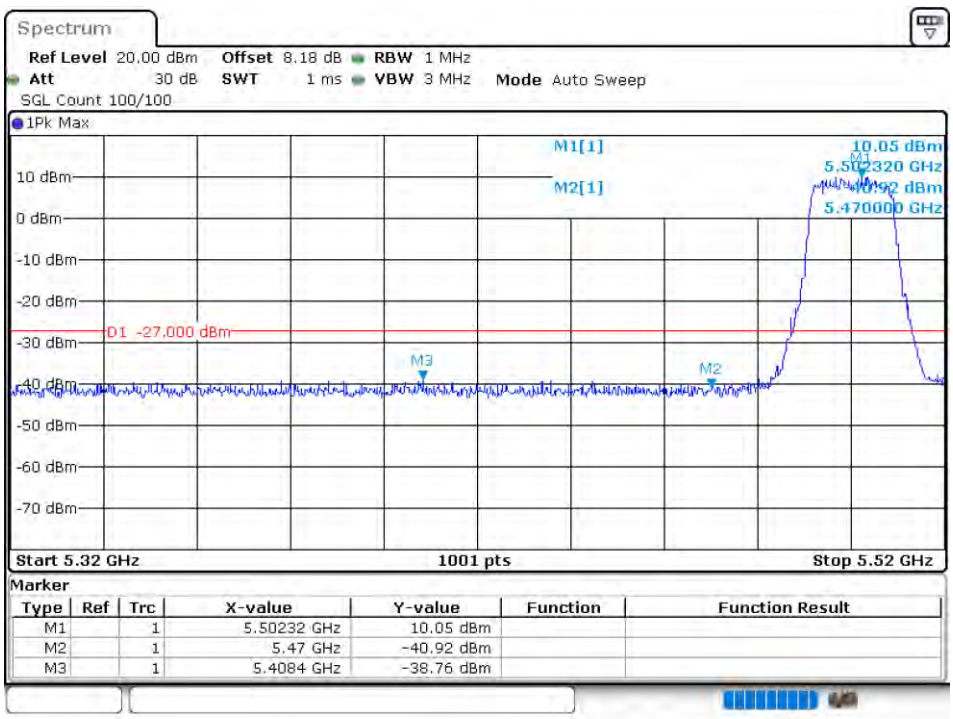
Band Edge NVNT ax80 5610MHz High Ant1



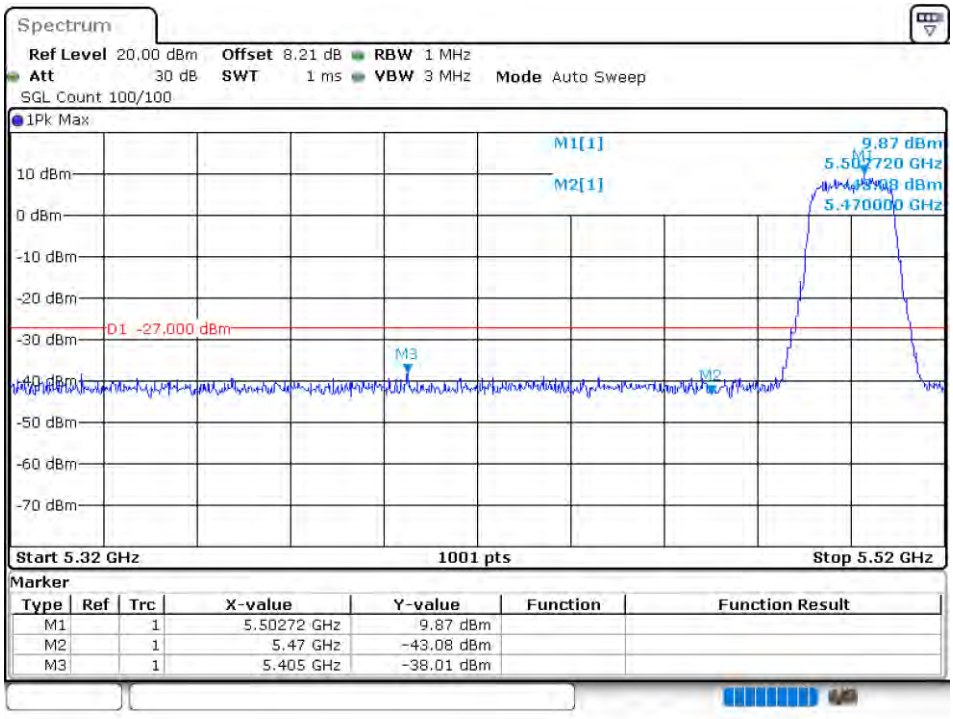
Band Edge NVNT ax80 5610MHz High Ant2



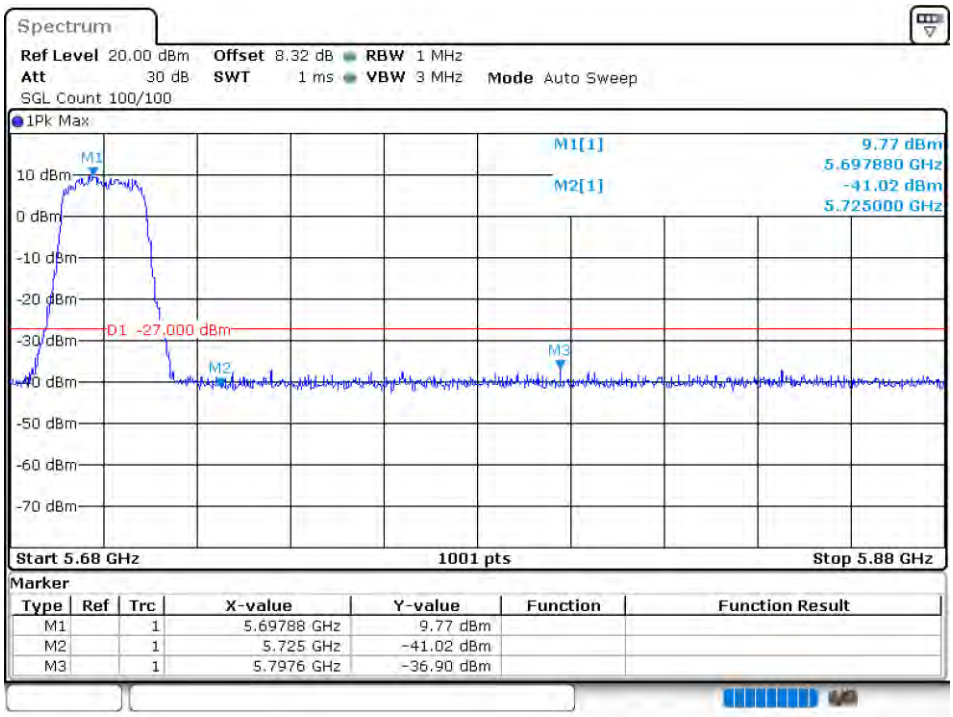
Band Edge NVNT n20 5500MHz Low Ant1



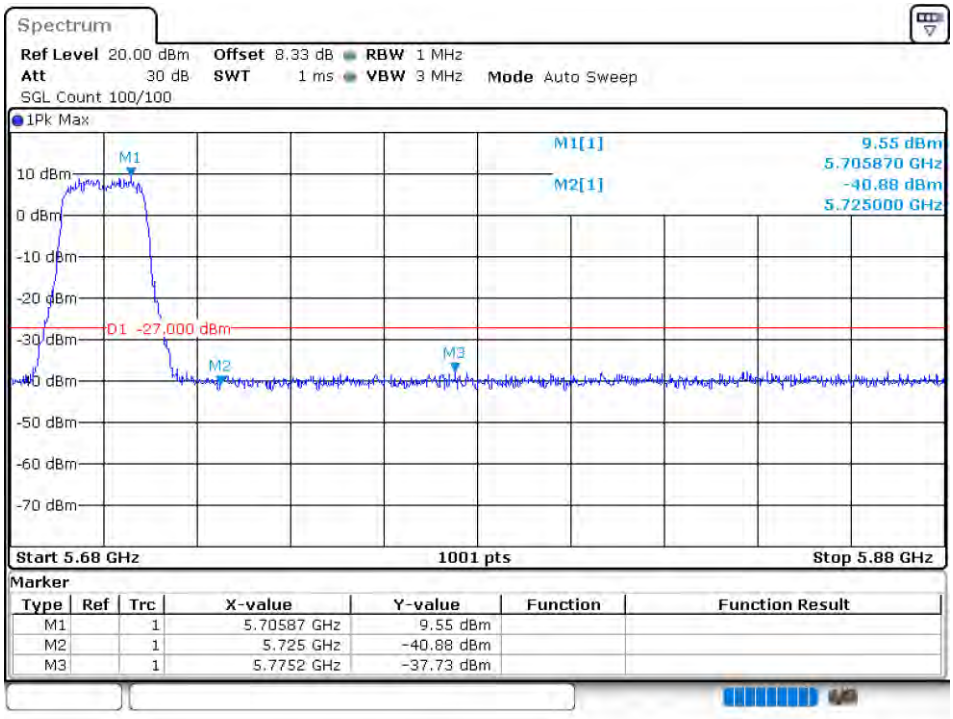
Band Edge NVNT n20 5500MHz Low Ant2



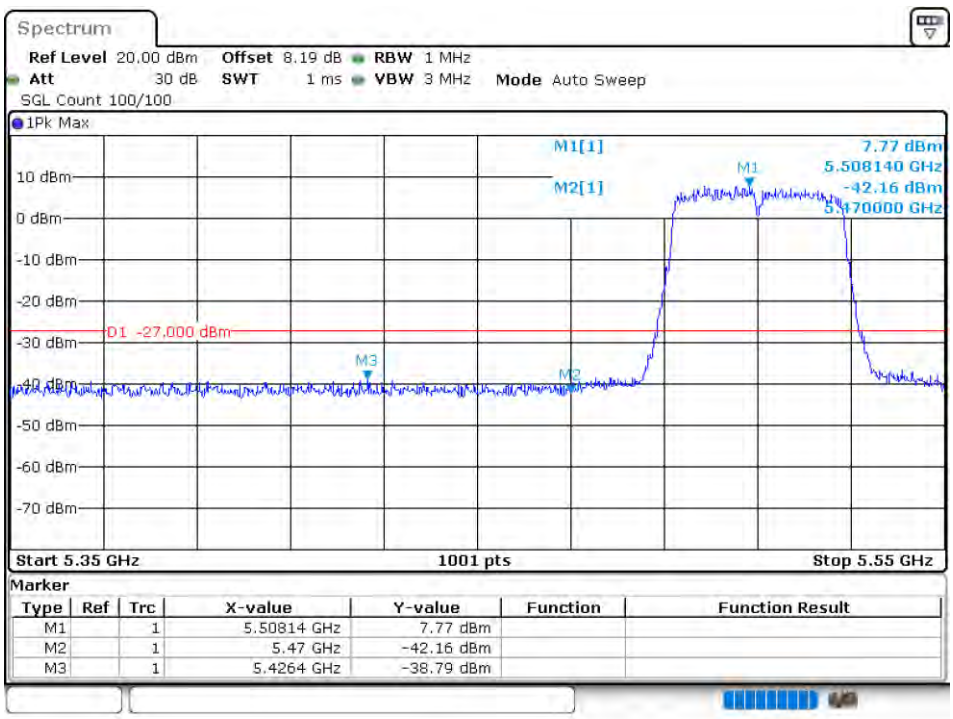
Band Edge NVNT n20 5700MHz High Ant1



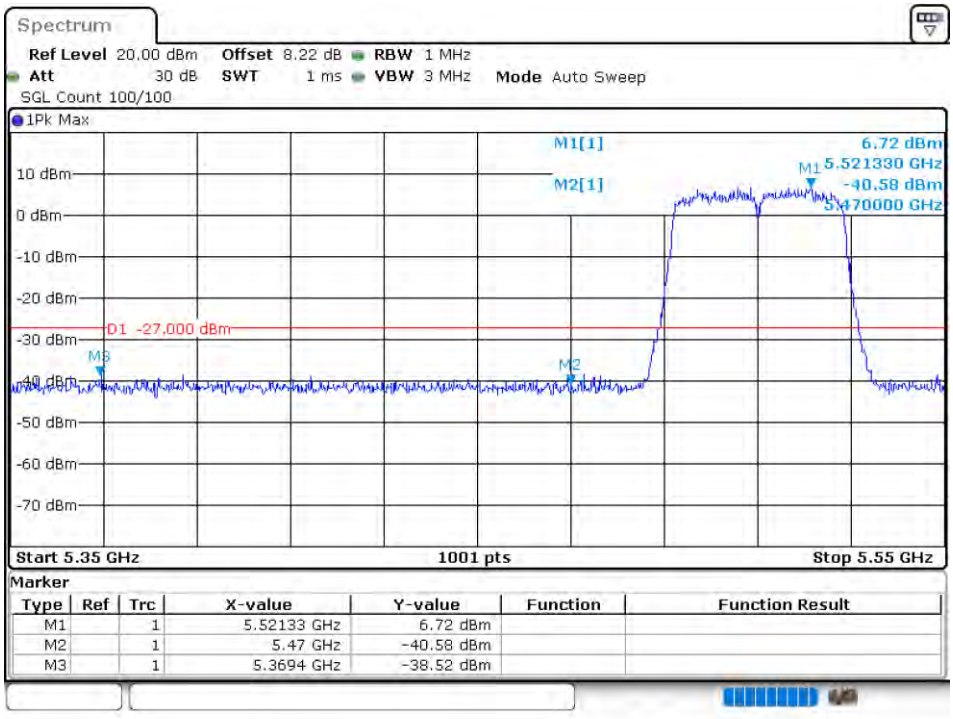
Band Edge NVNT n20 5700MHz High Ant2



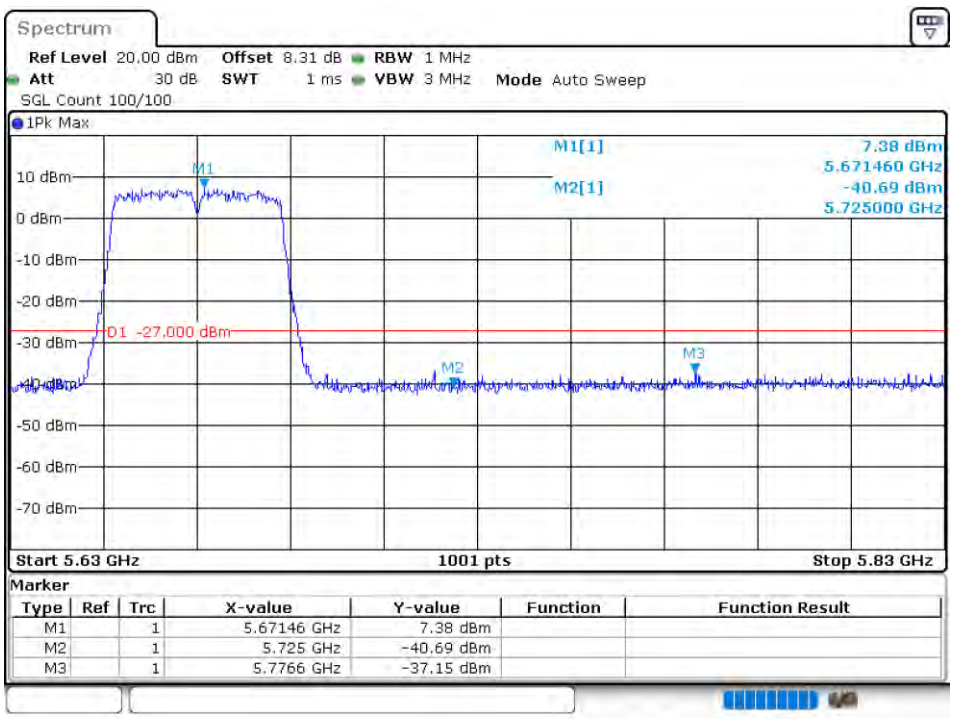
Band Edge NVNT n40 5510MHz Low Ant1



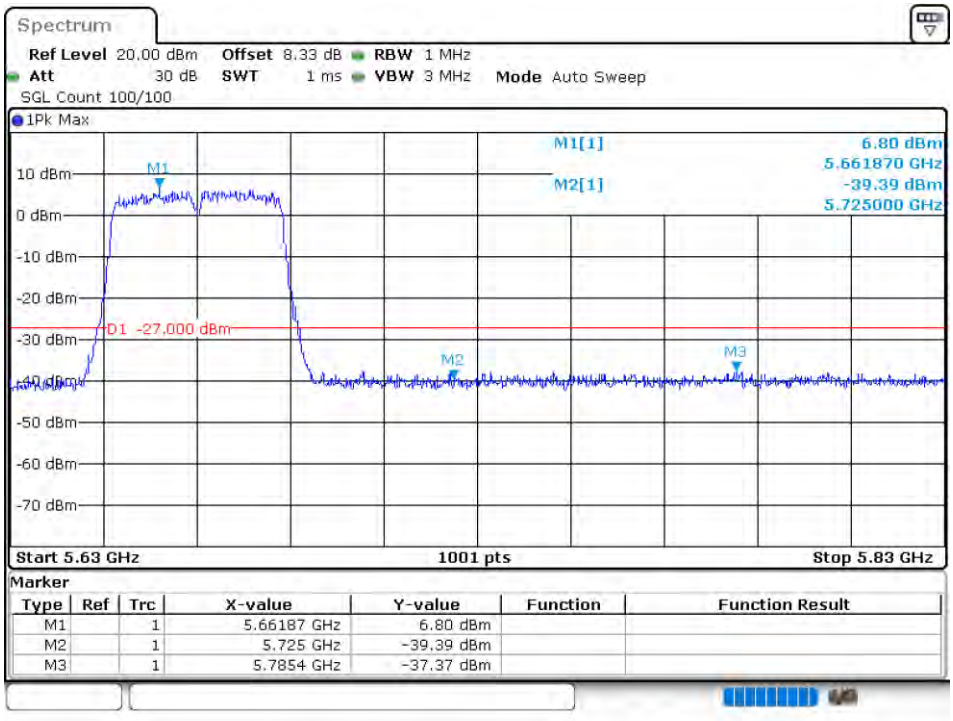
Band Edge NVNT n40 5510MHz Low Ant2



Band Edge NVNT n40 5670MHz High Ant1



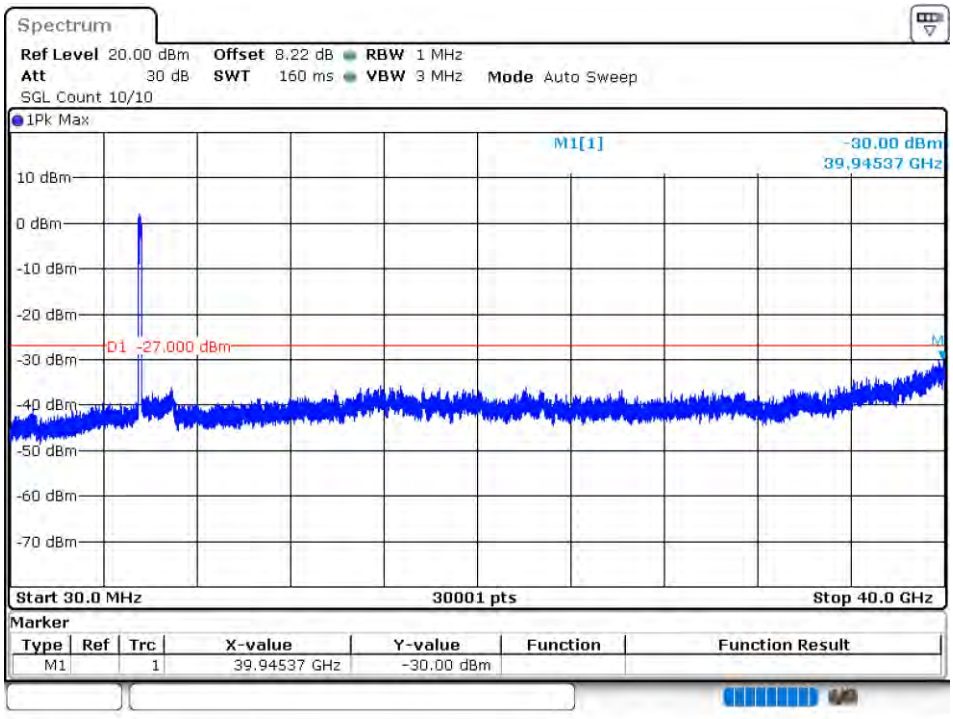
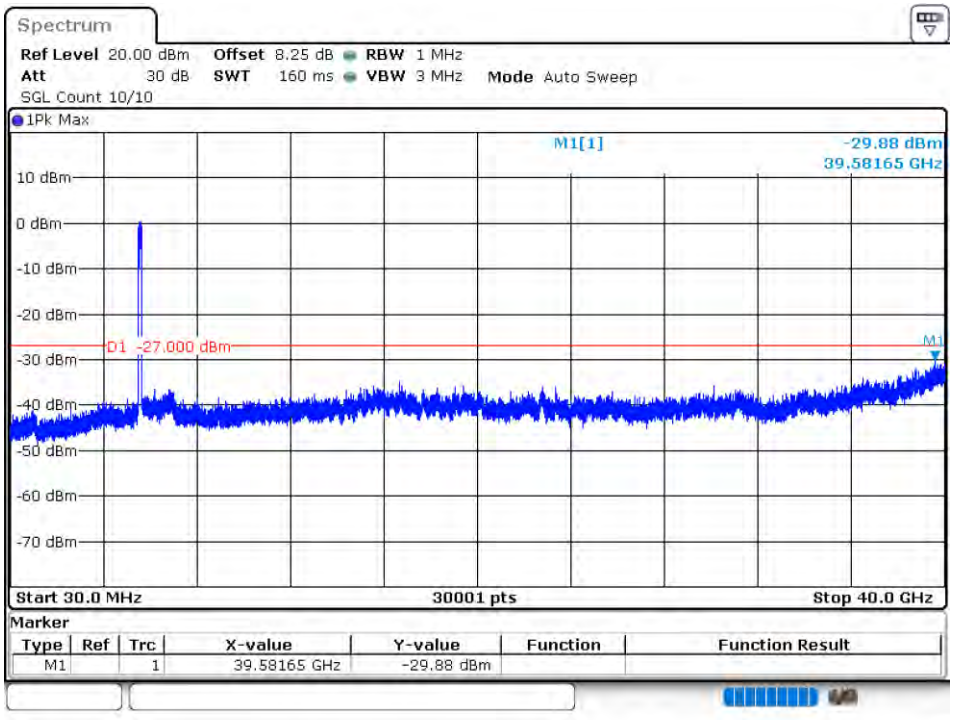
Band Edge NVNT n40 5670MHz High Ant2



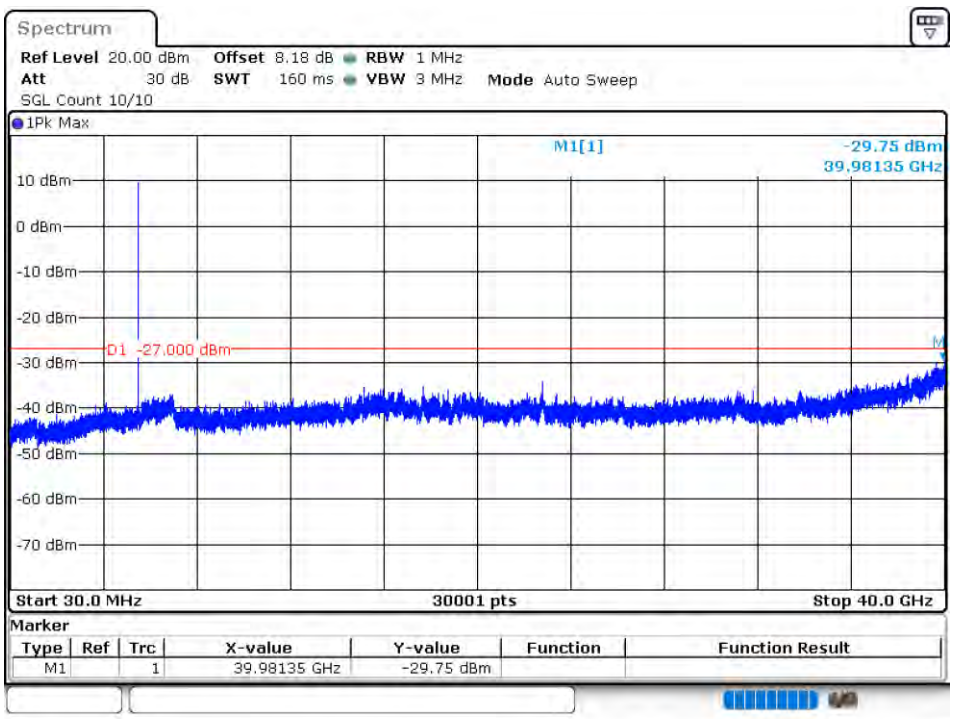
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ac160	5570	Ant1	-30	-27	Pass
NVNT	ac160	5570	Ant2	-29.87	-27	Pass
NVNT	ac20	5500	Ant1	-29.75	-27	Pass
NVNT	ac20	5500	Ant2	-30.52	-27	Pass
NVNT	ac20	5600	Ant1	-30.24	-27	Pass
NVNT	ac20	5600	Ant2	-30.24	-27	Pass
NVNT	ac20	5700	Ant1	-29.71	-27	Pass
NVNT	ac20	5700	Ant2	-29.9	-27	Pass
NVNT	ac40	5510	Ant1	-30.23	-27	Pass
NVNT	ac40	5510	Ant2	-30.3	-27	Pass
NVNT	ac40	5590	Ant1	-30.15	-27	Pass
NVNT	ac40	5590	Ant2	-30.37	-27	Pass
NVNT	ac40	5670	Ant1	-30.4	-27	Pass
NVNT	ac40	5670	Ant2	-29.79	-27	Pass
NVNT	ac80	5530	Ant1	-29.05	-27	Pass
NVNT	ac80	5530	Ant2	-30.45	-27	Pass
NVNT	ac80	5610	Ant1	-29.7	-27	Pass
NVNT	ac80	5610	Ant2	-29.84	-27	Pass
NVNT	ax160	5570	Ant1	-29.95	-27	Pass
NVNT	ax160	5570	Ant2	-30.99	-27	Pass
NVNT	ax20	5500	Ant1	-30	-27	Pass
NVNT	ax20	5500	Ant2	-28.66	-27	Pass
NVNT	ax20	5600	Ant1	-30.61	-27	Pass
NVNT	ax20	5600	Ant2	-30.2	-27	Pass
NVNT	ax20	5700	Ant1	-30.18	-27	Pass
NVNT	ax20	5700	Ant2	-30.12	-27	Pass
NVNT	ax40	5510	Ant1	-29.68	-27	Pass
NVNT	ax40	5510	Ant2	-29.67	-27	Pass
NVNT	ax40	5590	Ant1	-30.05	-27	Pass
NVNT	ax40	5590	Ant2	-30.41	-27	Pass
NVNT	ax40	5670	Ant1	-29.88	-27	Pass
NVNT	ax40	5670	Ant2	-30.1	-27	Pass
NVNT	ax80	5530	Ant1	-30.85	-27	Pass
NVNT	ax80	5530	Ant2	-30.24	-27	Pass
NVNT	ax80	5610	Ant1	-29.83	-27	Pass
NVNT	ax80	5610	Ant2	-30.24	-27	Pass
NVNT	n20	5500	Ant1	-30.49	-27	Pass
NVNT	n20	5500	Ant2	-30.44	-27	Pass
NVNT	n20	5600	Ant1	-29.73	-27	Pass
NVNT	n20	5600	Ant2	-30.56	-27	Pass
NVNT	n20	5700	Ant1	-30.51	-27	Pass
NVNT	n20	5700	Ant2	-30.42	-27	Pass
NVNT	n40	5510	Ant1	-30.12	-27	Pass
NVNT	n40	5510	Ant2	-30.2	-27	Pass

NVNT	n40	5590	Ant1	-29.7	-27	Pass
NVNT	n40	5590	Ant2	-29.87	-27	Pass
NVNT	n40	5670	Ant1	-29.57	-27	Pass
NVNT	n40	5670	Ant2	-30.36	-27	Pass

Test Graphs
Tx. Spurious NVNT ac160 5570MHz Ant1 Emission

Tx. Spurious NVNT ac160 5570MHz Ant2 Emission


Tx. Spurious NVNT ac20 5500MHz Ant1 Emission



Tx. Spurious NVNT ac20 5500MHz Ant2 Emission