

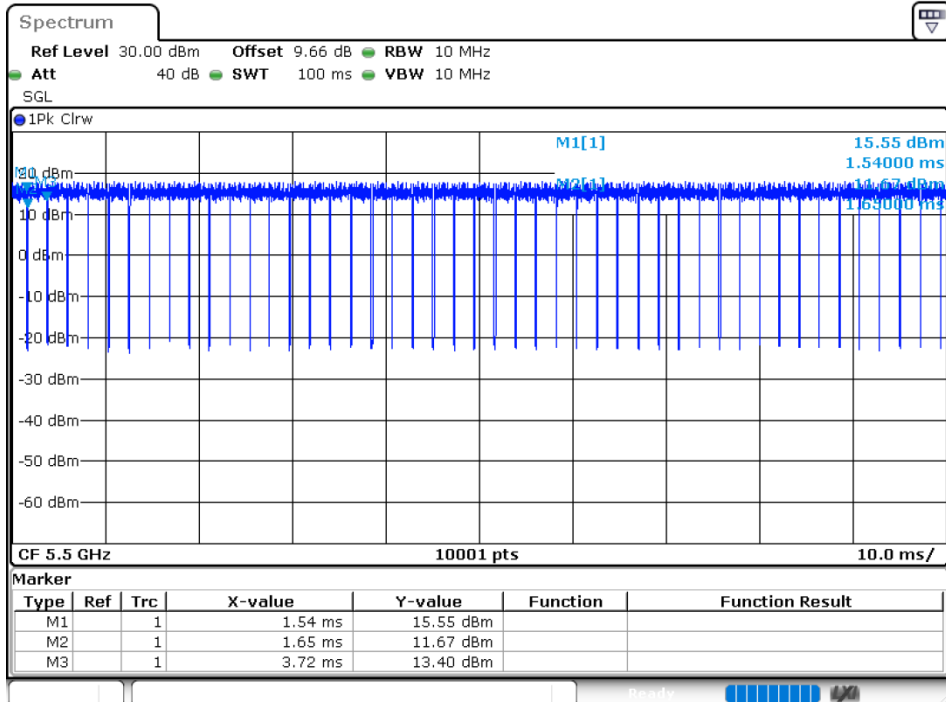
5.6G WIFI

Duty Cycle

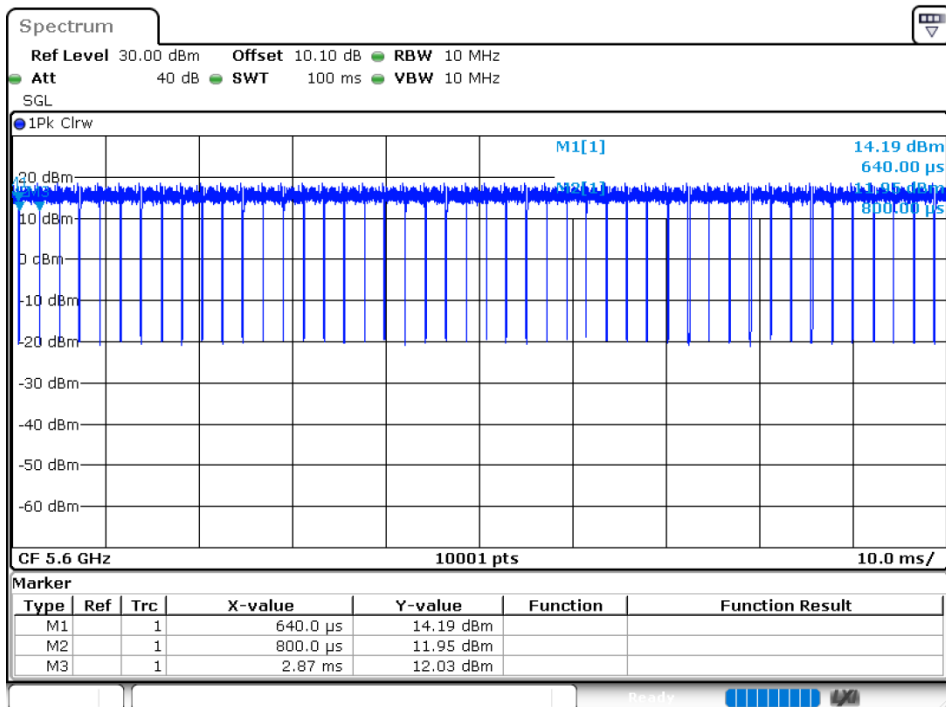
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	95.45	0.2	0.48
NVNT	a	5600	Ant1	95.17	0.21	0.48
NVNT	a	5700	Ant1	95.34	0.21	0.49
NVNT	n20	5500	Ant1	94.68	0.24	0.52
NVNT	n20	5600	Ant1	95.43	0.2	0.52
NVNT	n20	5700	Ant1	95.26	0.21	0.52
NVNT	n40	5510	Ant1	90.41	0.44	1.06
NVNT	n40	5590	Ant1	91.39	0.39	1.06
NVNT	n40	5670	Ant1	91.47	0.39	1.05
NVNT	ac20	5500	Ant1	94.78	0.23	0.52
NVNT	ac20	5600	Ant1	95.1	0.22	0.52
NVNT	ac20	5700	Ant1	95.36	0.21	0.52
NVNT	ac40	5510	Ant1	91.78	0.37	1.05
NVNT	ac40	5590	Ant1	90.84	0.42	1.05
NVNT	ac40	5670	Ant1	90.83	0.42	1.05
NVNT	ac80	5530	Ant1	83.32	0.79	2.17
NVNT	ac80	5610	Ant1	83.41	0.79	2.17

Test Graphs

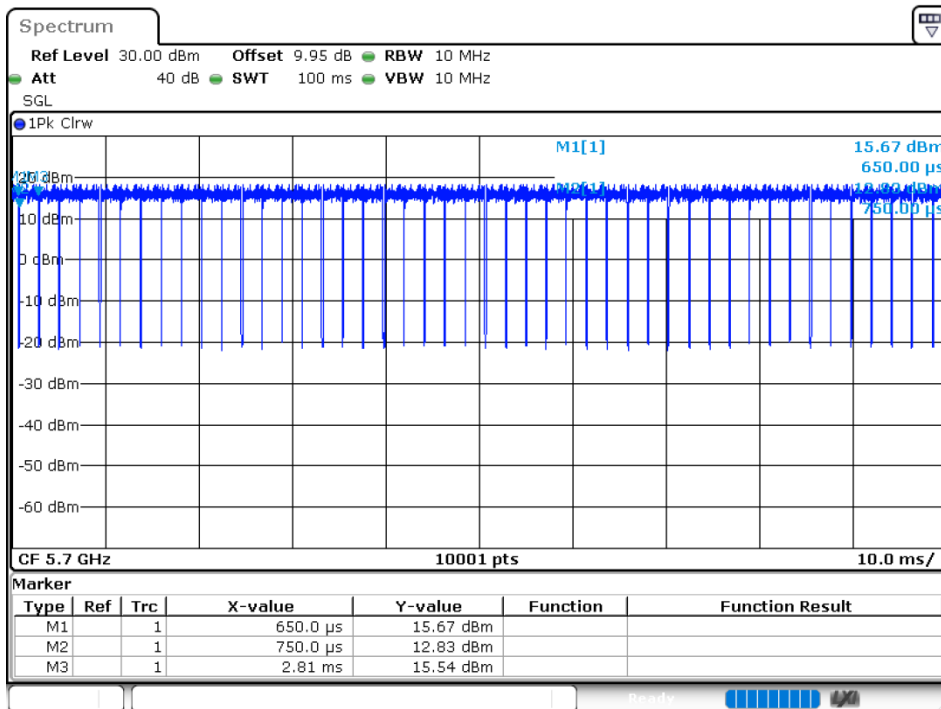
Duty Cycle NVNT a 5500MHz Ant1



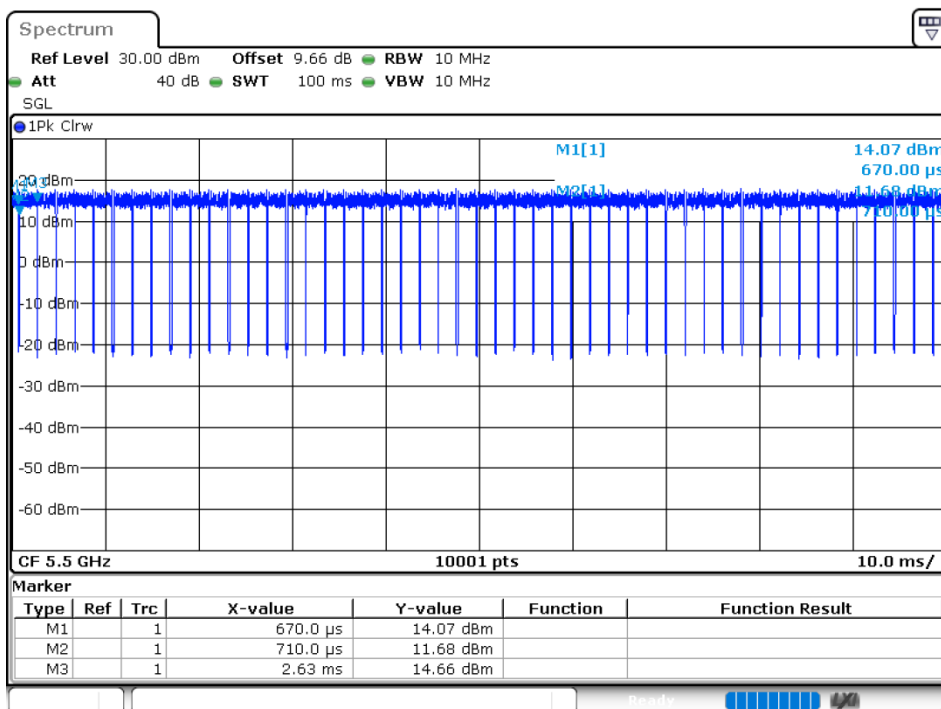
Duty Cycle NVNT a 5600MHz Ant1



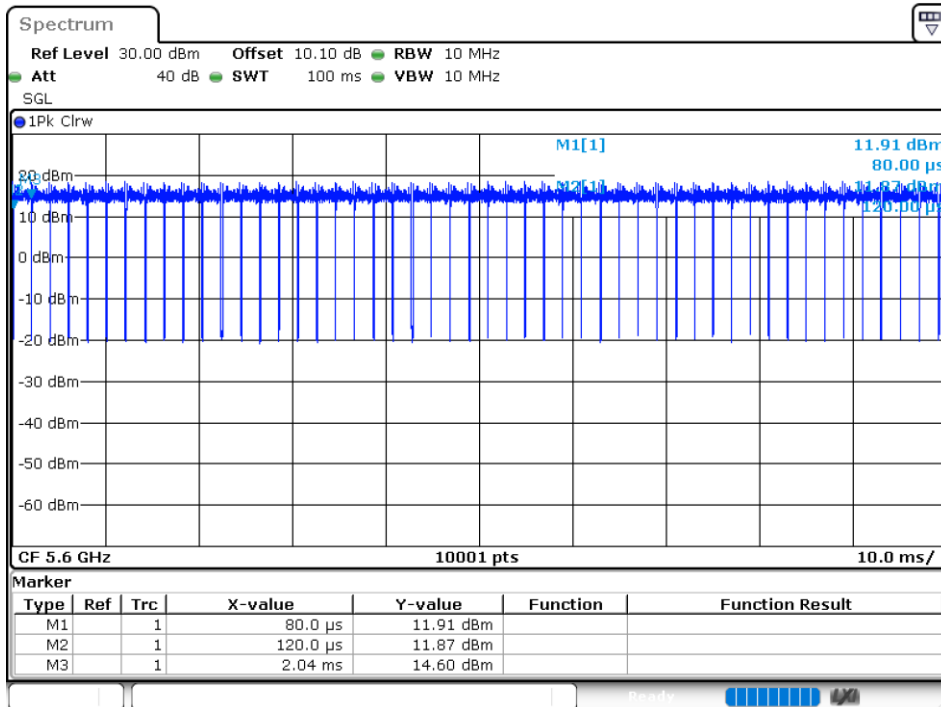
Duty Cycle NVNT a 5700MHz Ant1



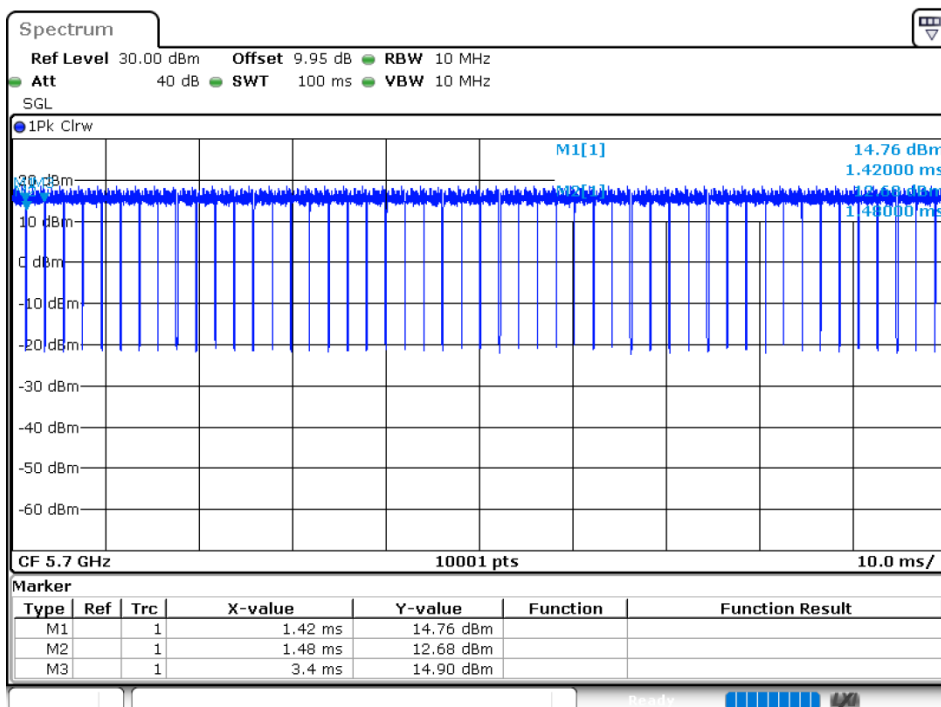
Duty Cycle NVNT n20 5500MHz Ant1



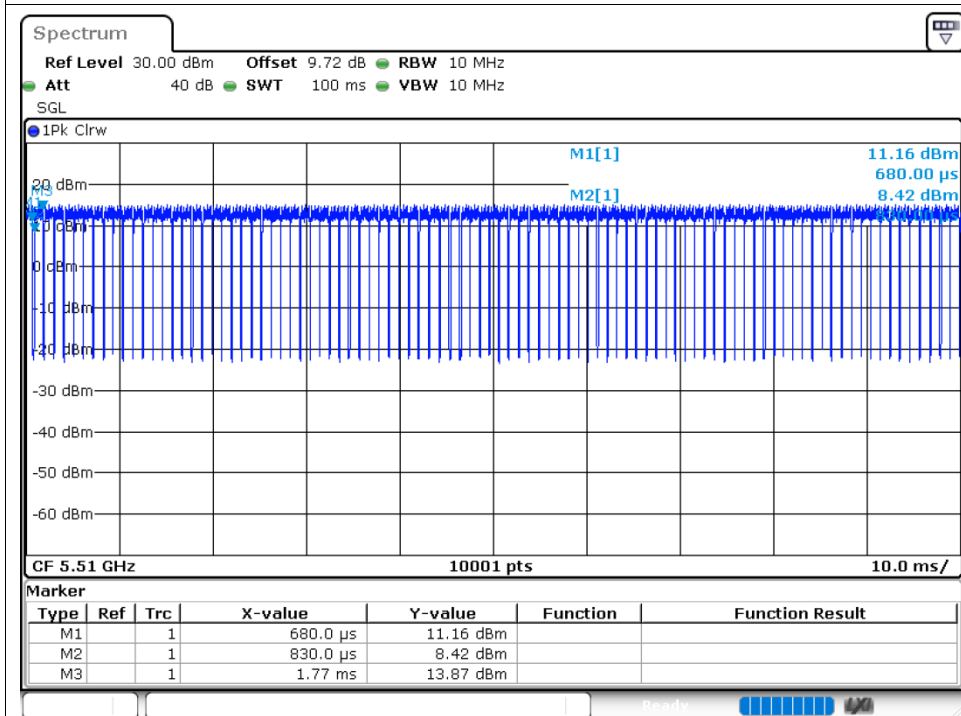
Duty Cycle NVNT n20 5600MHz Ant1



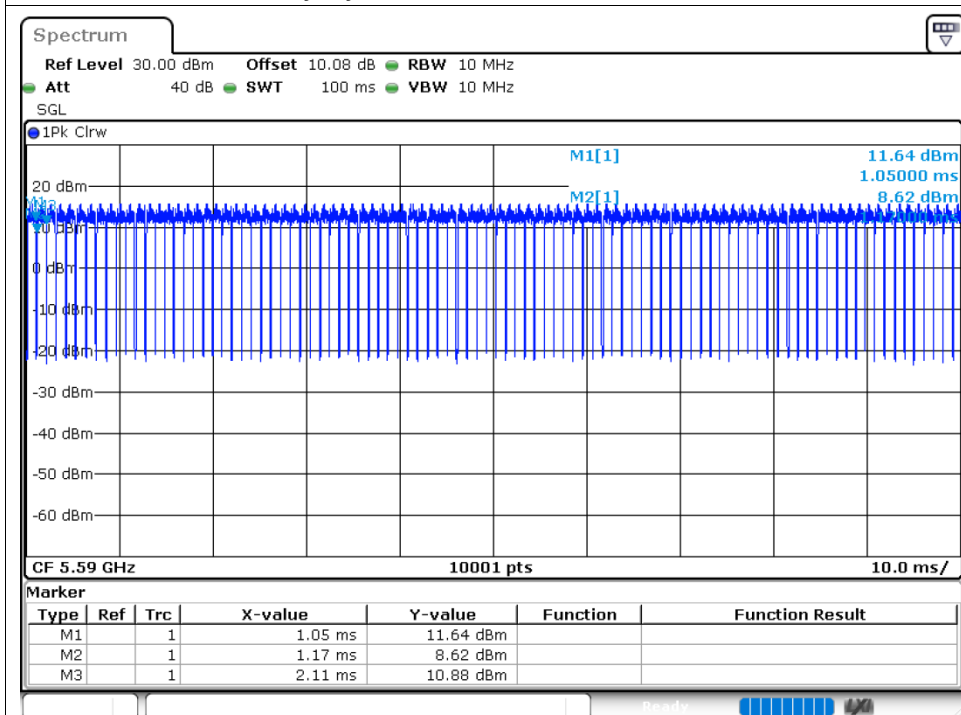
Duty Cycle NVNT n20 5700MHz Ant1



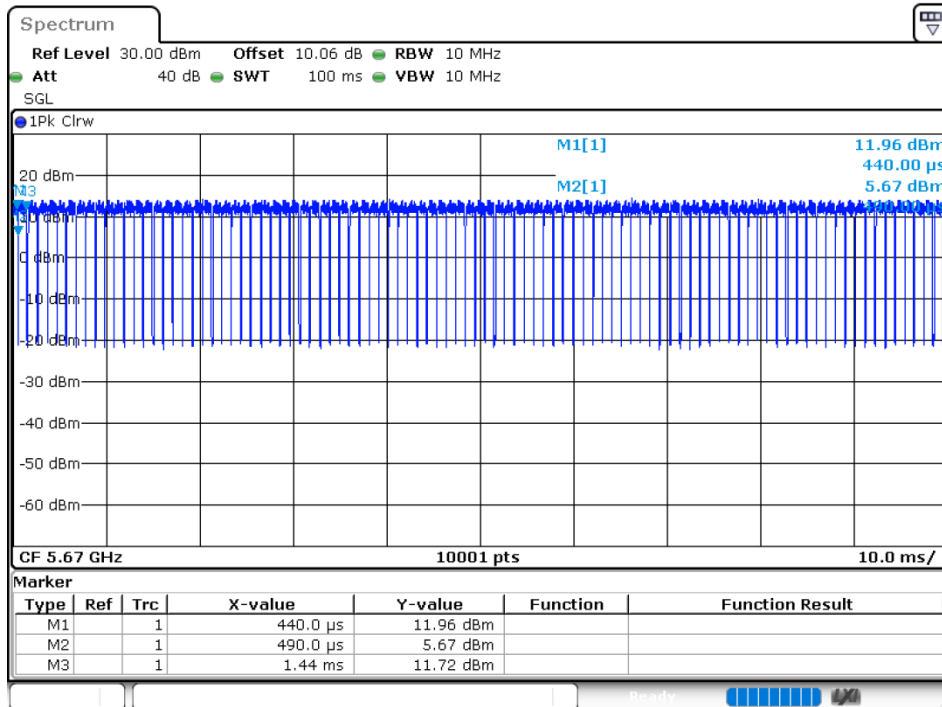
Duty Cycle NVNT n40 5510MHz Ant1



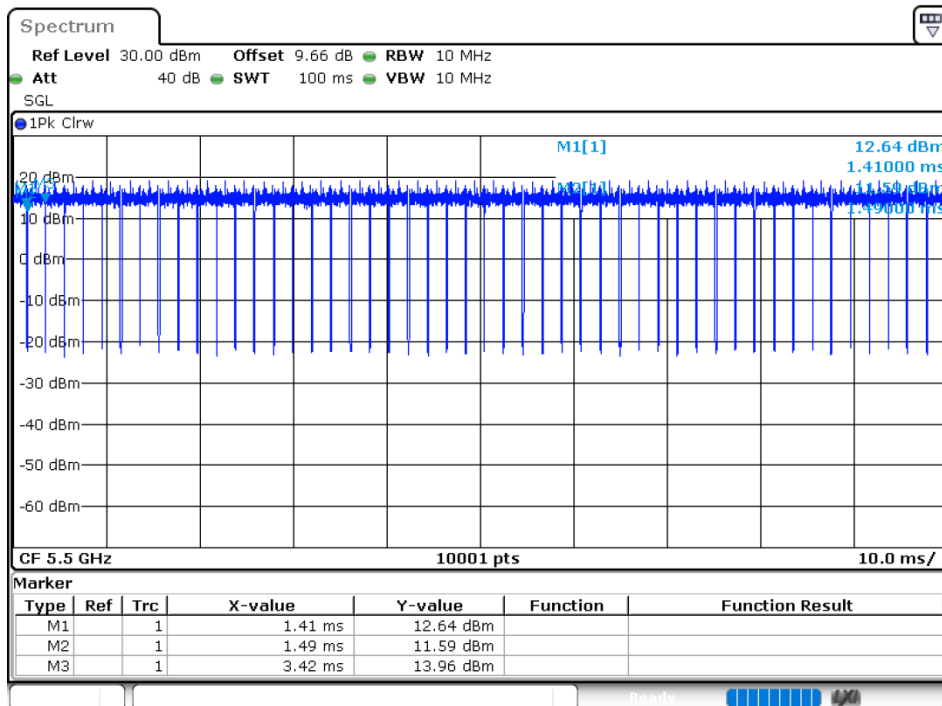
Duty Cycle NVNT n40 5590MHz Ant1



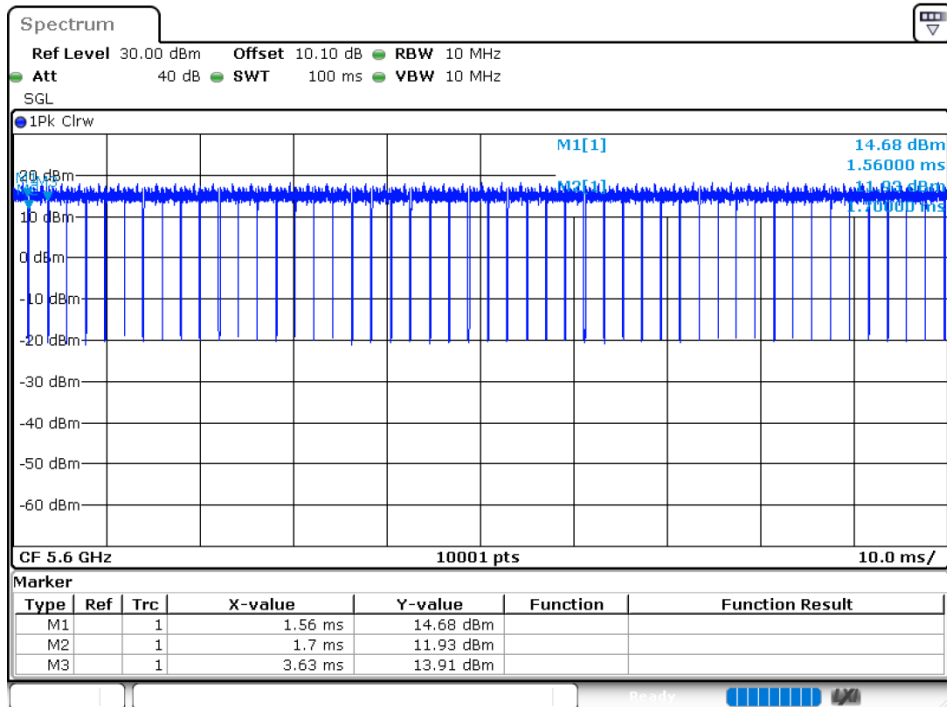
Duty Cycle NVNT n40 5670MHz Ant1



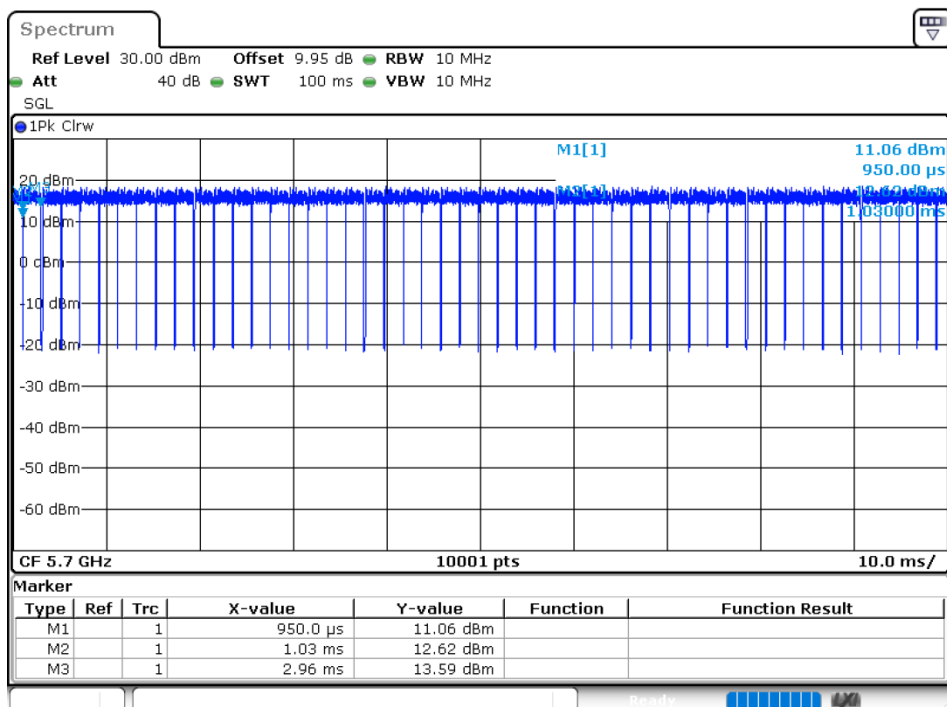
Duty Cycle NVNT ac20 5500MHz Ant1



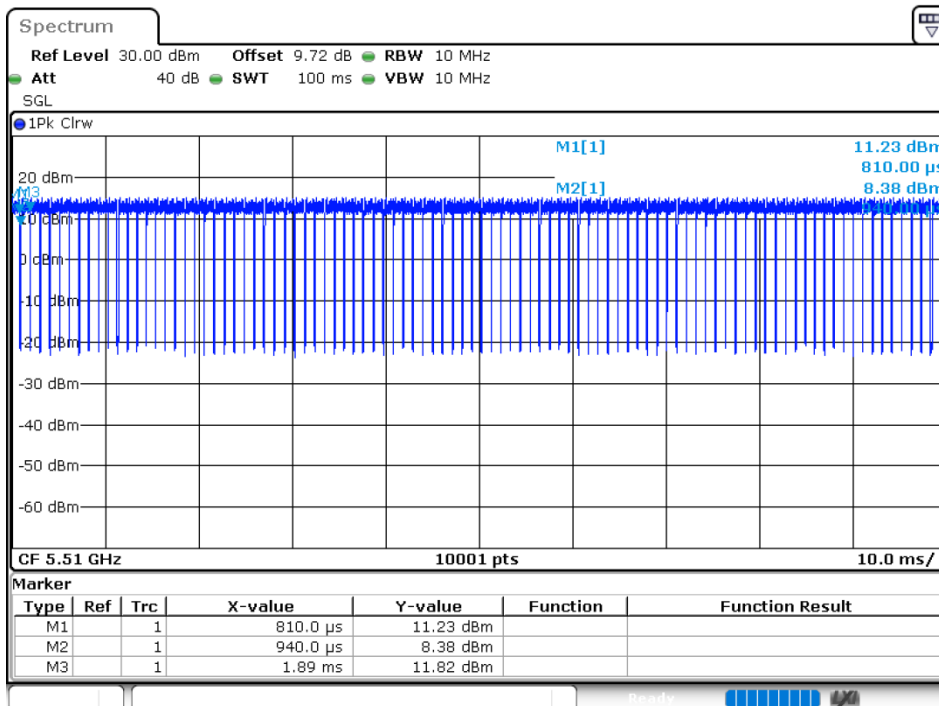
Duty Cycle NVNT ac20 5600MHz Ant1



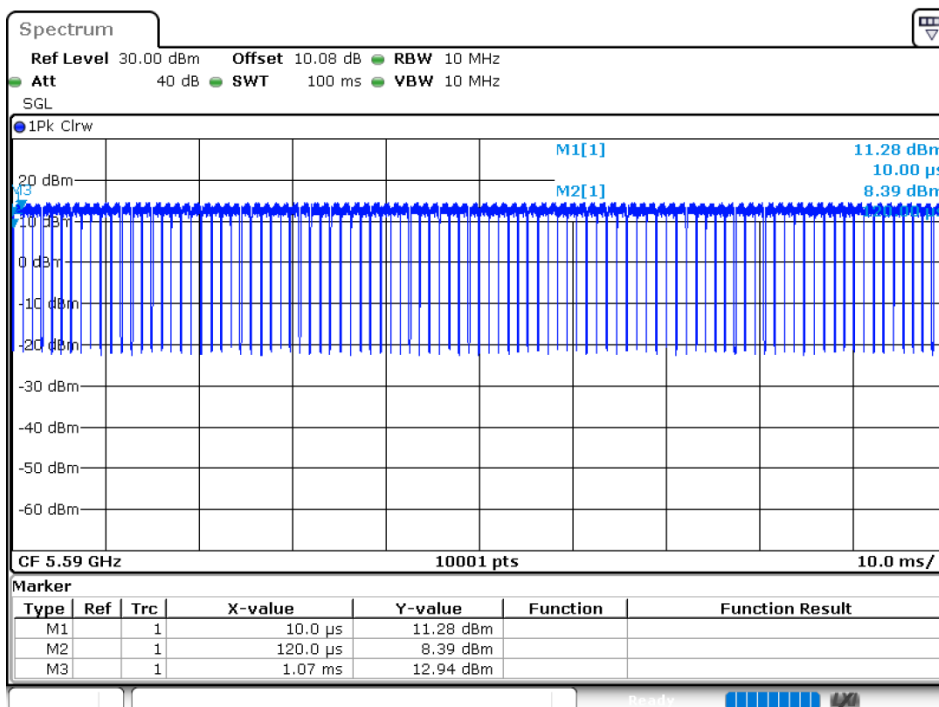
Duty Cycle NVNT ac20 5700MHz Ant1



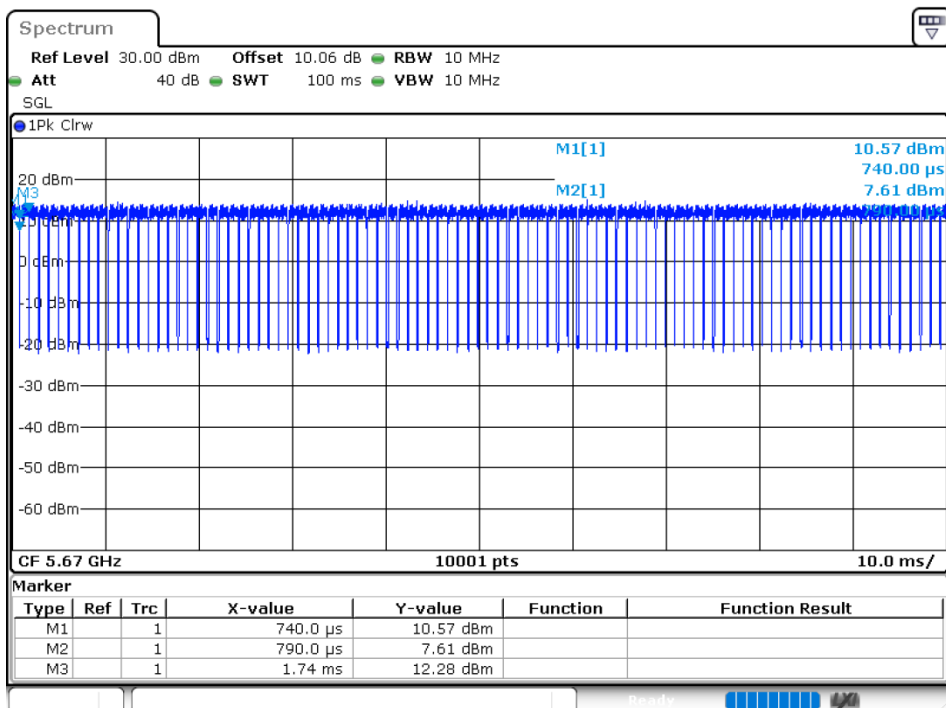
Duty Cycle NVNT ac40 5510MHz Ant1



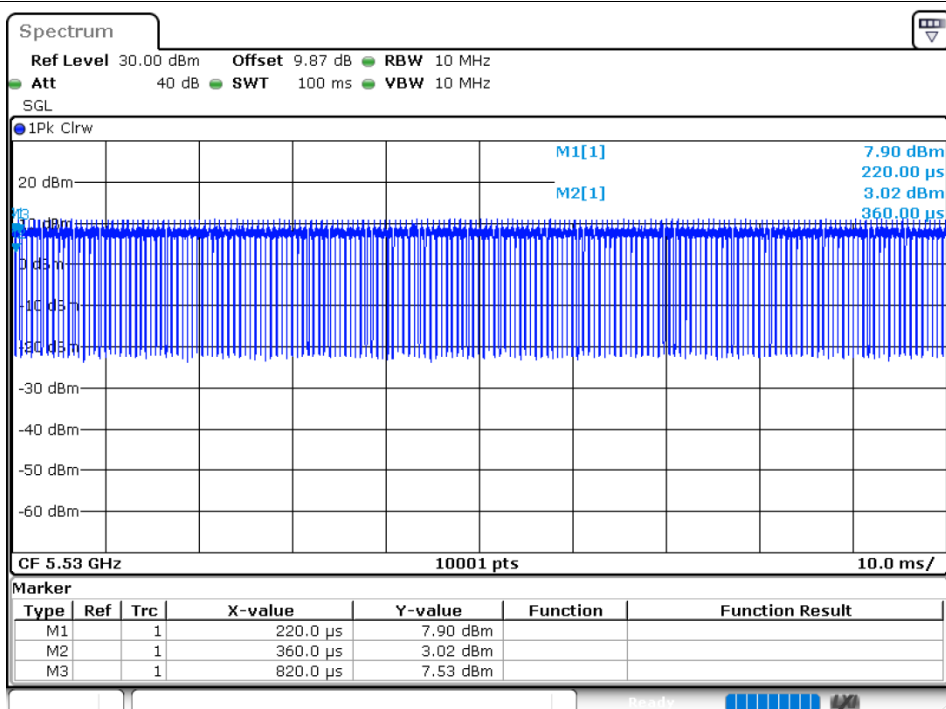
Duty Cycle NVNT ac40 5590MHz Ant1

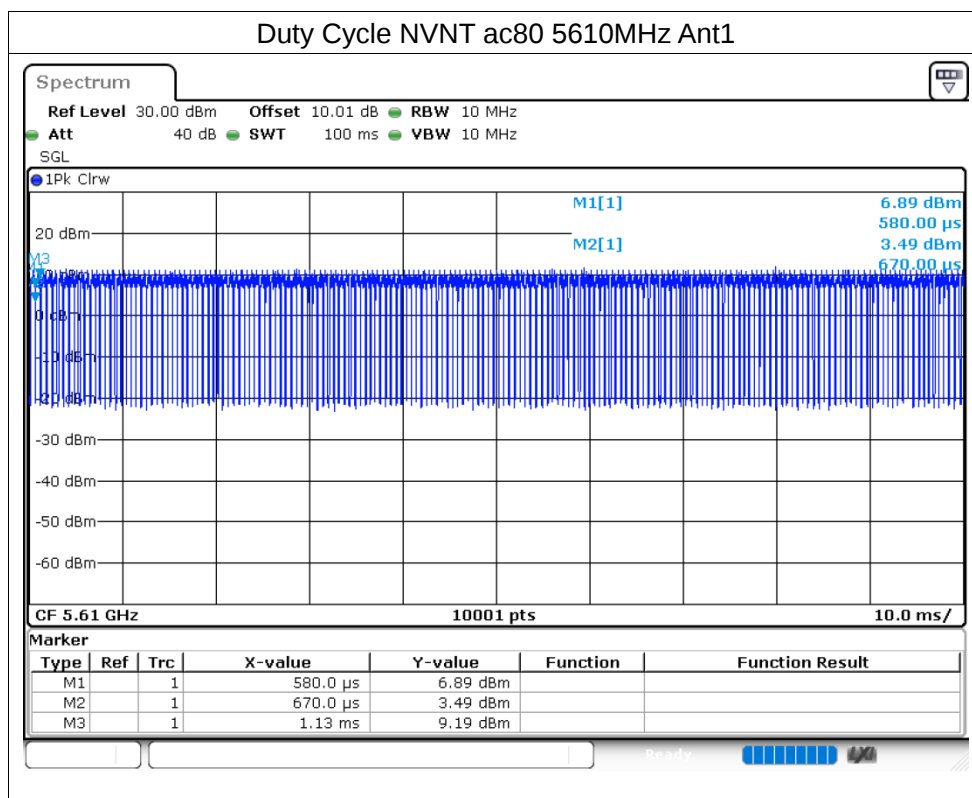


Duty Cycle NVNT ac40 5670MHz Ant1



Duty Cycle NVNT ac80 5530MHz Ant1





Maximum Conducted Output Power

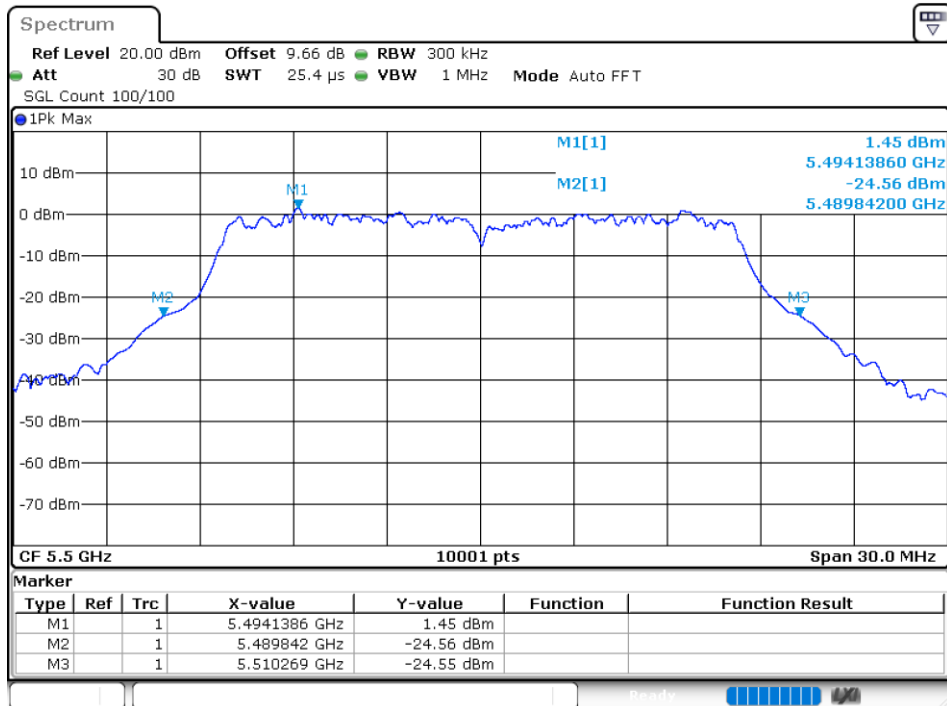
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	9.06	0.2	9.26	24	Pass
NVNT	a	5600	Ant1	9.41	0.21	9.62	24	Pass
NVNT	a	5700	Ant1	9.5	0.21	9.71	24	Pass
NVNT	n20	5500	Ant1	8.96	0.24	9.2	24	Pass
NVNT	n20	5600	Ant1	9.34	0.2	9.54	24	Pass
NVNT	n20	5700	Ant1	9.45	0.21	9.66	24	Pass
NVNT	n40	5510	Ant1	8.75	0.44	9.19	24	Pass
NVNT	n40	5590	Ant1	9.37	0.39	9.76	24	Pass
NVNT	n40	5670	Ant1	8.9	0.39	9.29	24	Pass
NVNT	ac20	5500	Ant1	8.98	0.23	9.21	24	Pass
NVNT	ac20	5600	Ant1	9.29	0.22	9.51	24	Pass
NVNT	ac20	5700	Ant1	9.43	0.21	9.64	24	Pass
NVNT	ac40	5510	Ant1	8.81	0.37	9.18	24	Pass
NVNT	ac40	5590	Ant1	9.31	0.42	9.73	24	Pass
NVNT	ac40	5670	Ant1	8.88	0.42	9.3	24	Pass
NVNT	ac80	5530	Ant1	8.23	0.79	9.02	24	Pass
NVNT	ac80	5610	Ant1	8.75	0.79	9.54	24	Pass

-26dB Bandwidth

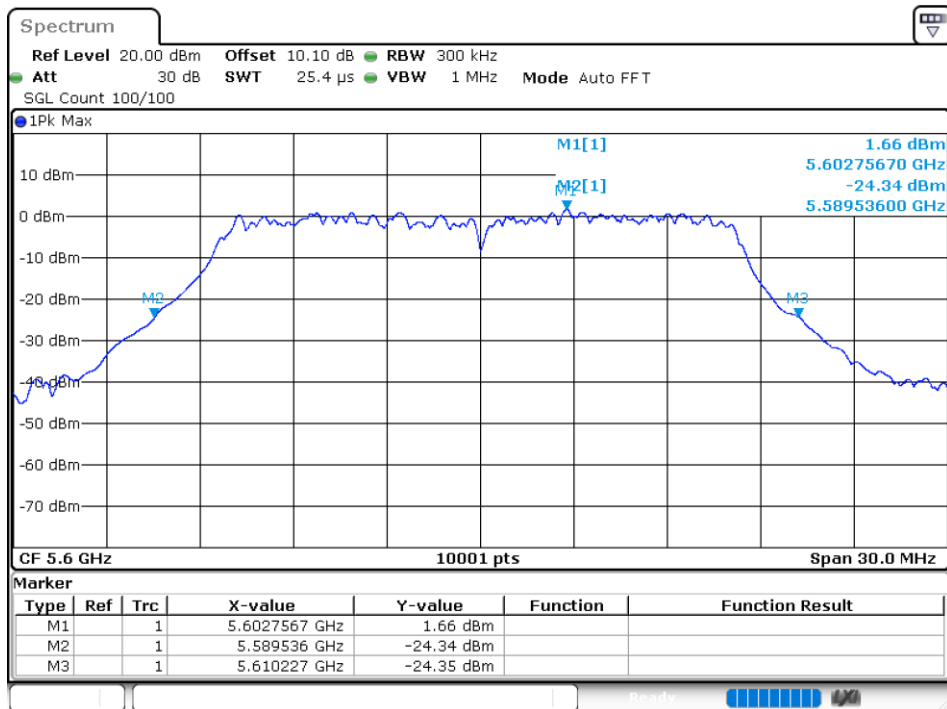
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	20.427	Pass
NVNT	a	5600	Ant1	20.691	Pass
NVNT	a	5700	Ant1	20.55	Pass
NVNT	n20	5500	Ant1	21.075	Pass
NVNT	n20	5600	Ant1	21.387	Pass
NVNT	n20	5700	Ant1	21.309	Pass
NVNT	n40	5510	Ant1	42.876	Pass
NVNT	n40	5590	Ant1	42.63	Pass
NVNT	n40	5670	Ant1	42.24	Pass
NVNT	ac20	5500	Ant1	21.39	Pass
NVNT	ac20	5600	Ant1	20.997	Pass
NVNT	ac20	5700	Ant1	21.624	Pass
NVNT	ac40	5510	Ant1	42.594	Pass
NVNT	ac40	5590	Ant1	42.99	Pass
NVNT	ac40	5670	Ant1	41.94	Pass
NVNT	ac80	5530	Ant1	82.596	Pass
NVNT	ac80	5610	Ant1	82.74	Pass

Test Graphs

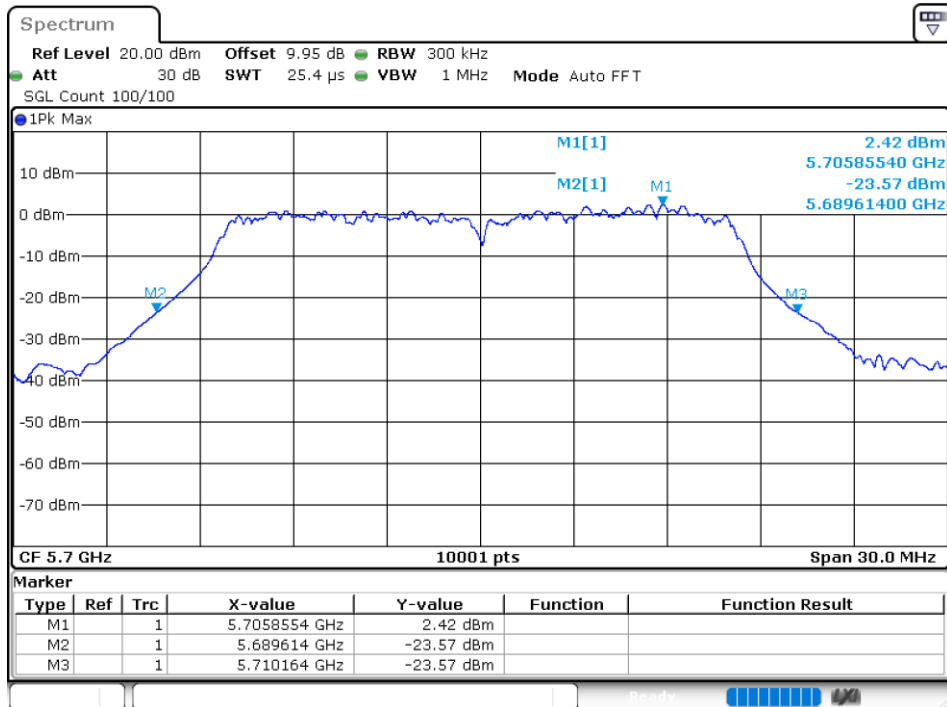
-26dB Bandwidth NVNT a 5500MHz Ant1



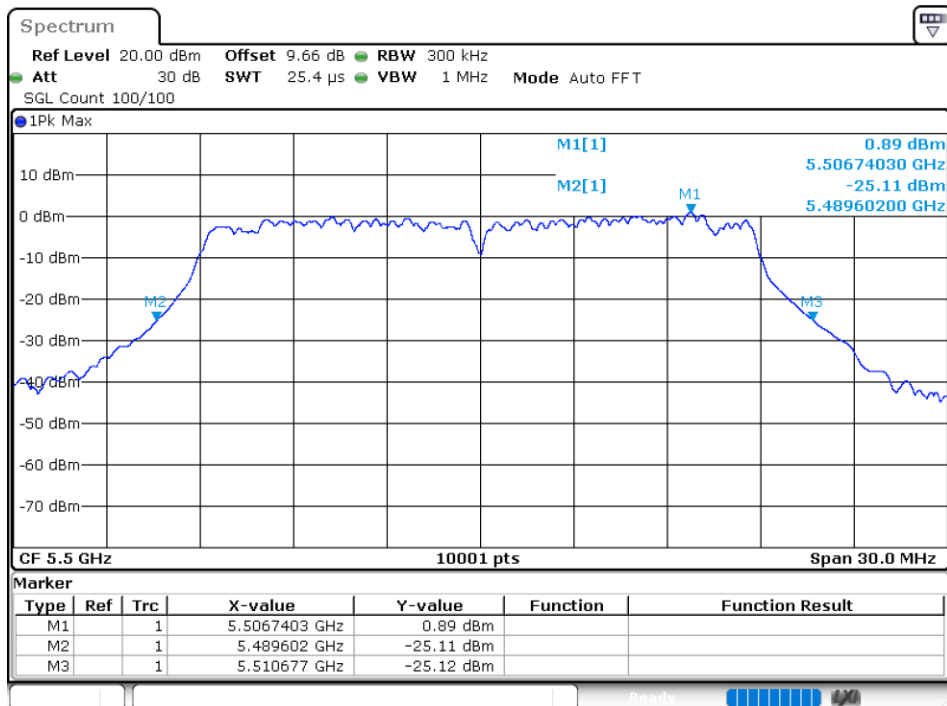
-26dB Bandwidth NVNT a 5600MHz Ant1



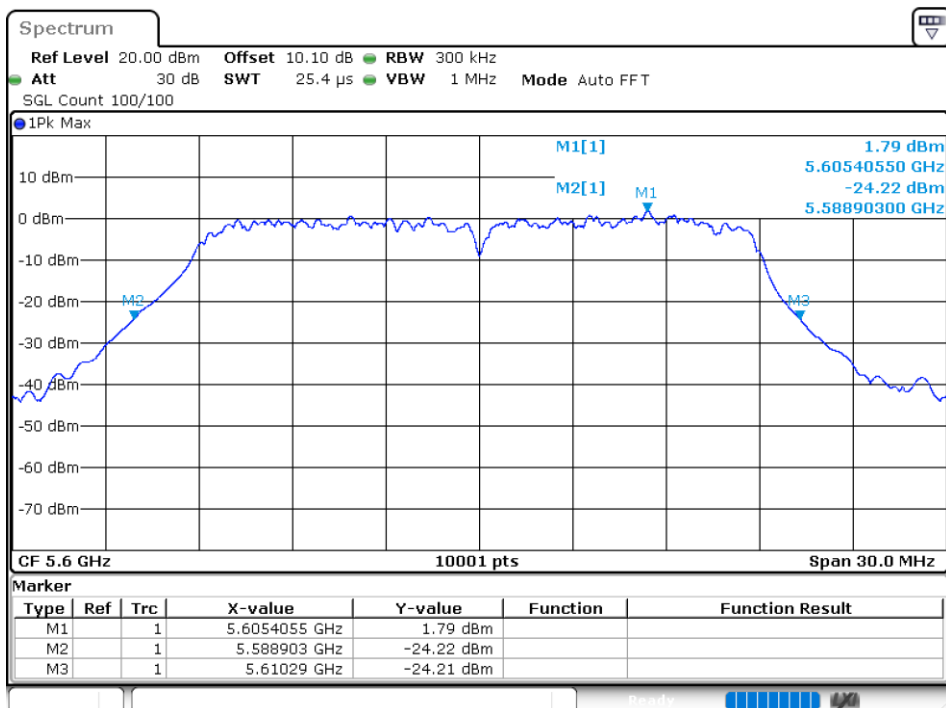
-26dB Bandwidth NVNT a 5700MHz Ant1



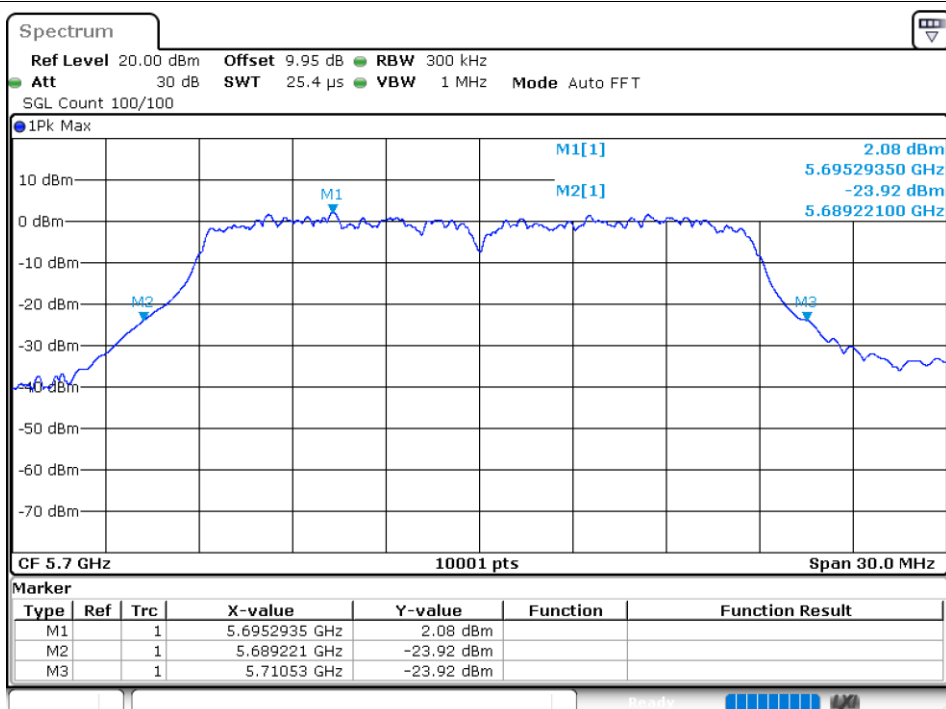
-26dB Bandwidth NVNT n20 5500MHz Ant1



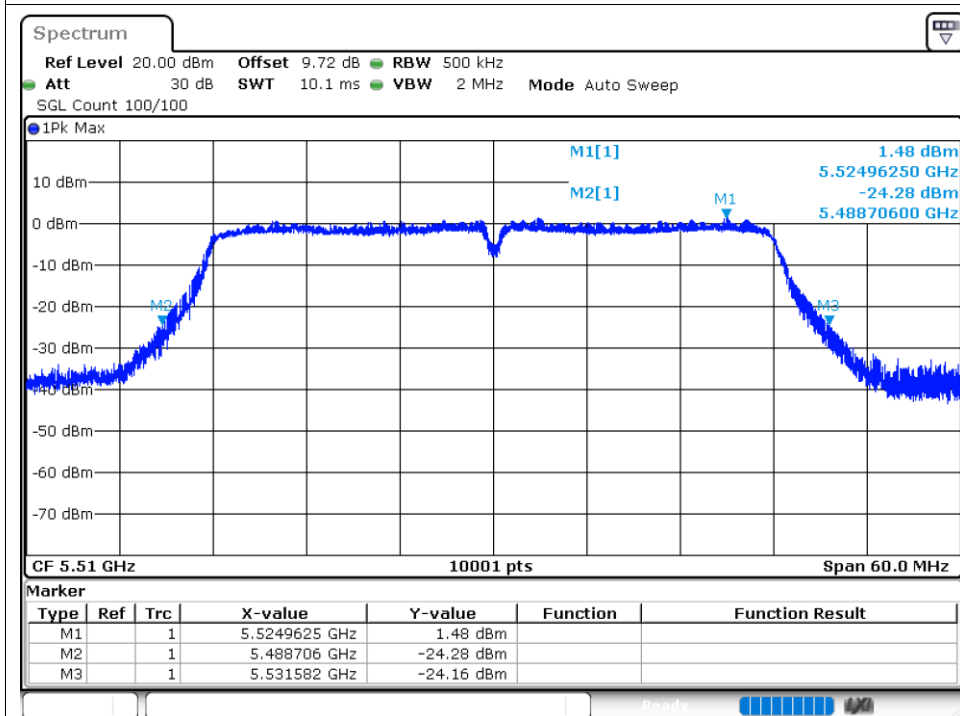
-26dB Bandwidth NVNT n20 5600MHz Ant1



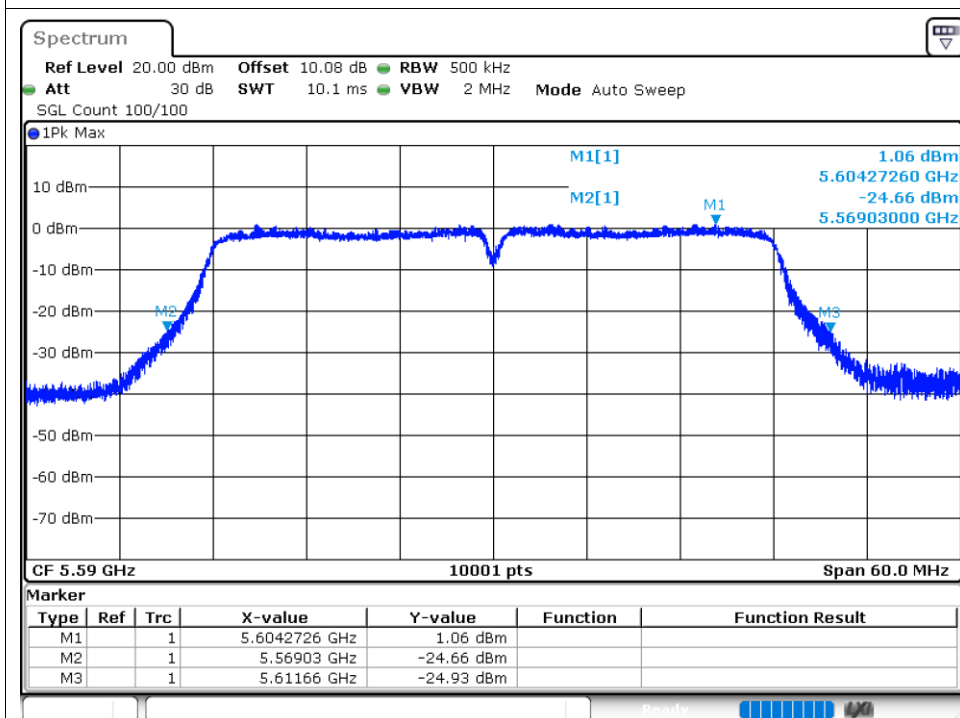
-26dB Bandwidth NVNT n20 5700MHz Ant1



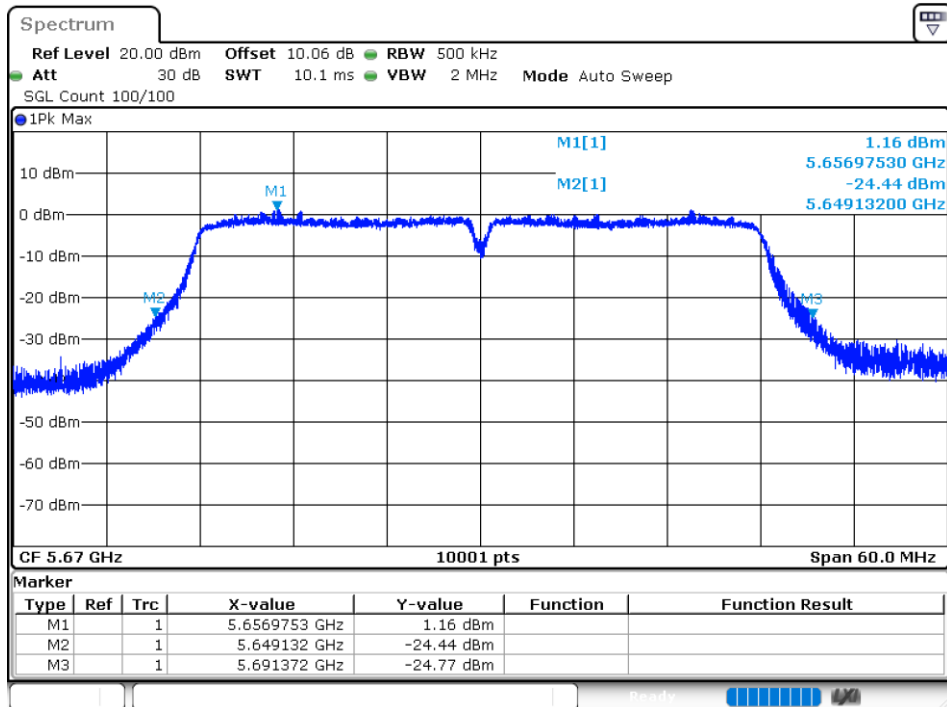
-26dB Bandwidth NVNT n40 5510MHz Ant1



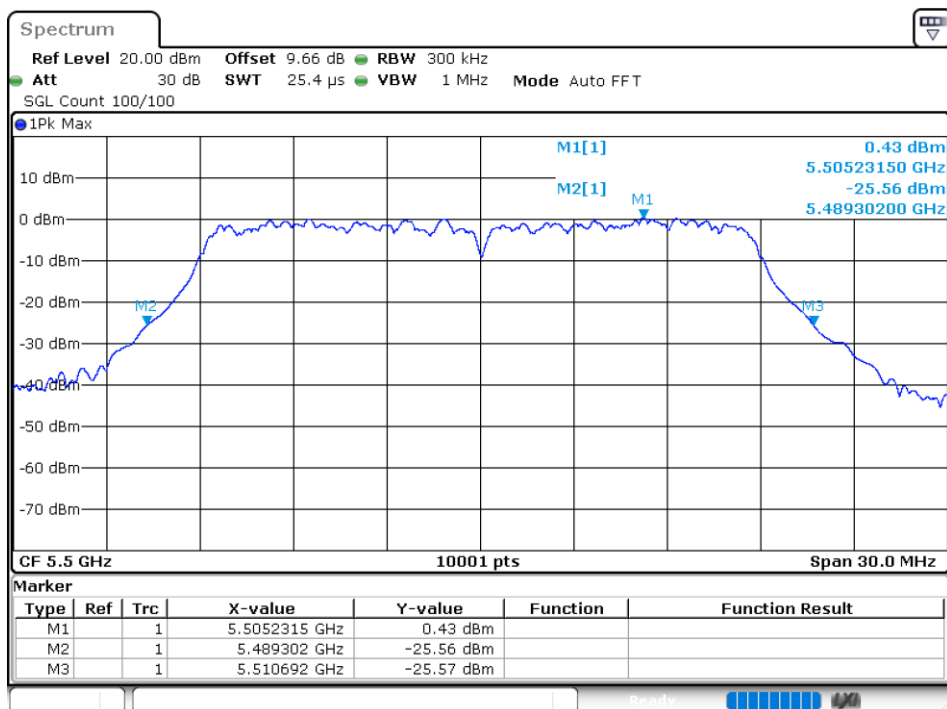
-26dB Bandwidth NVNT n40 5590MHz Ant1



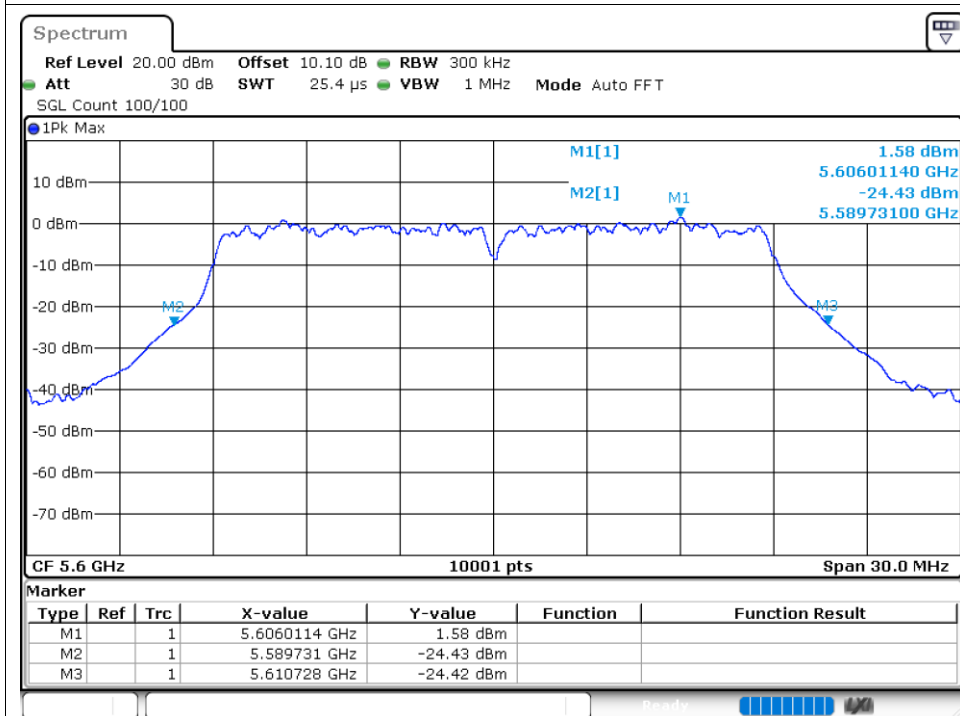
-26dB Bandwidth NVNT n40 5670MHz Ant1



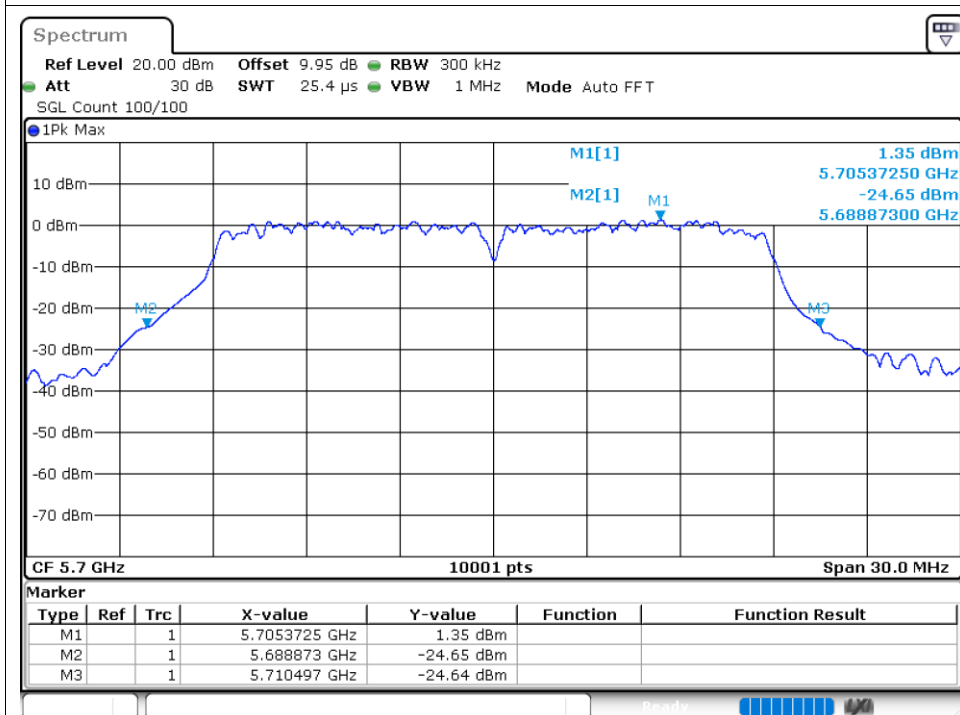
-26dB Bandwidth NVNT ac20 5500MHz Ant1



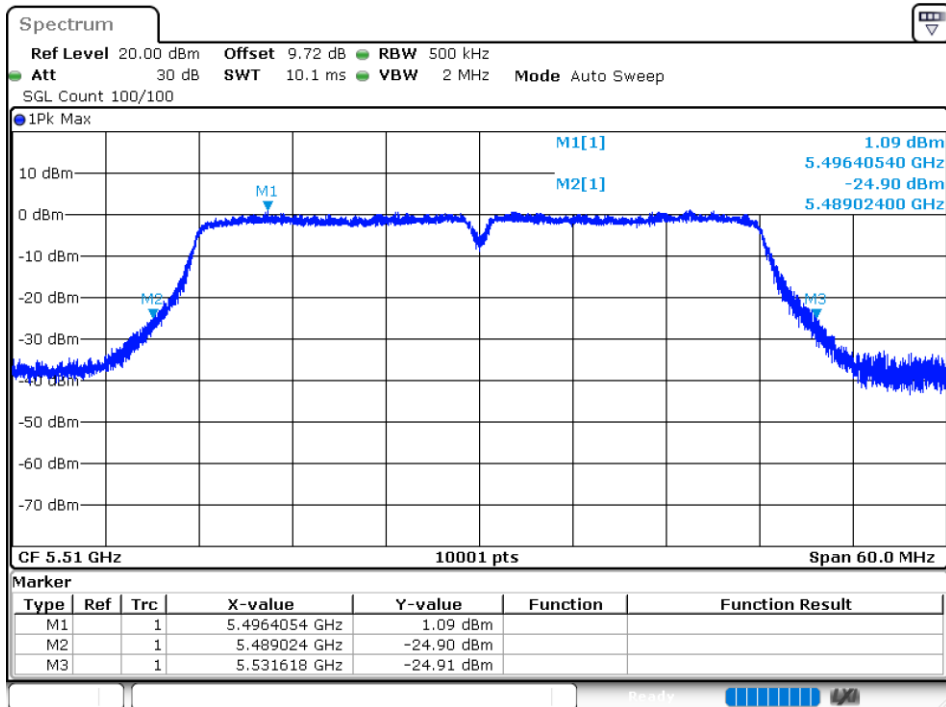
-26dB Bandwidth NVNT ac20 5600MHz Ant1



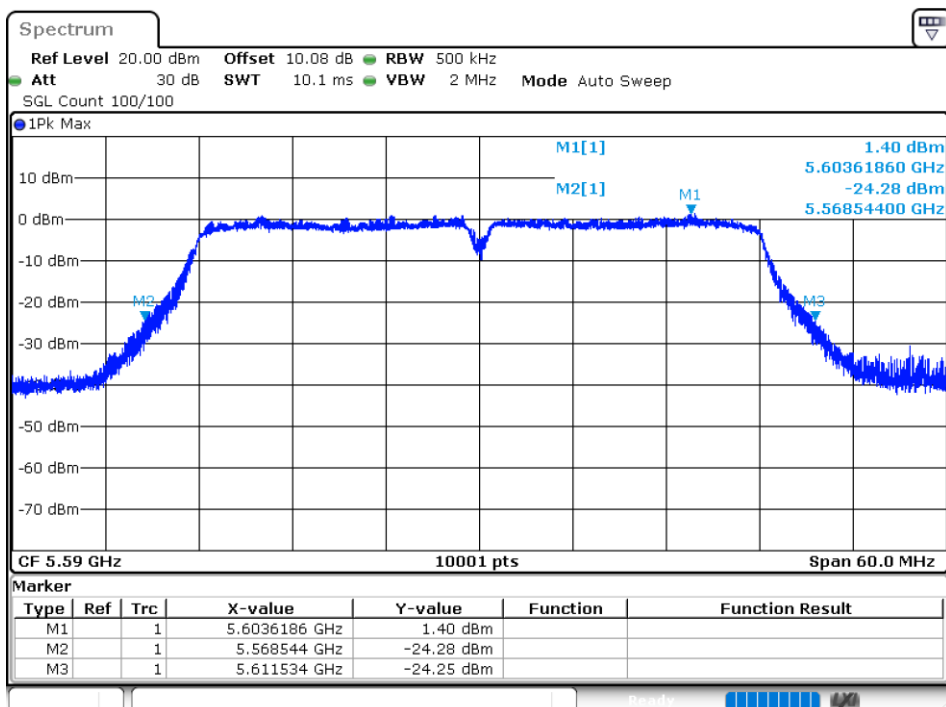
-26dB Bandwidth NVNT ac20 5700MHz Ant1



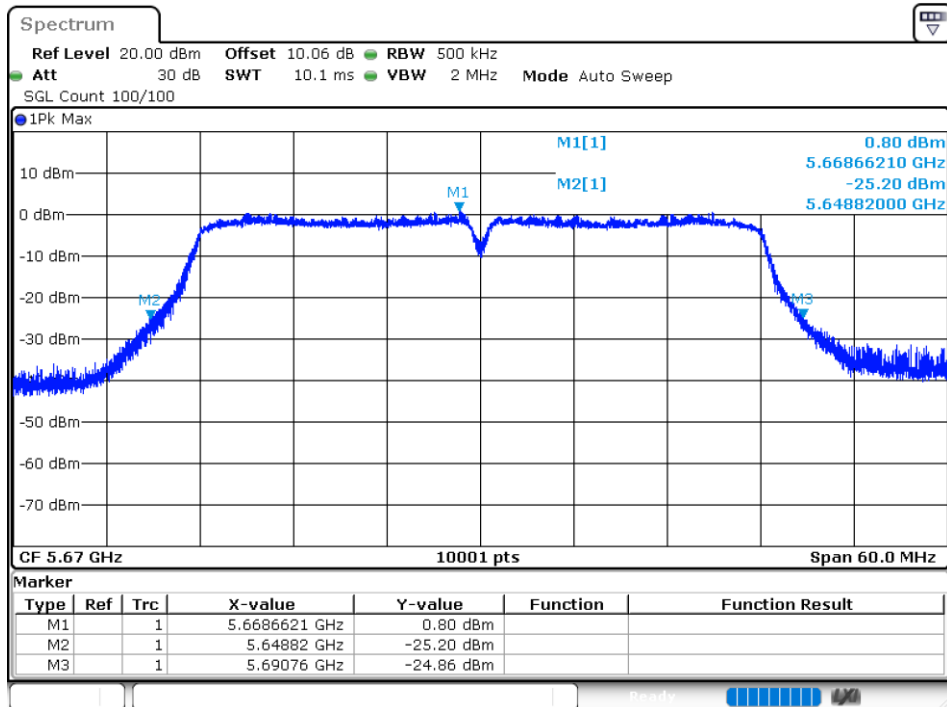
-26dB Bandwidth NVNT ac40 5510MHz Ant1



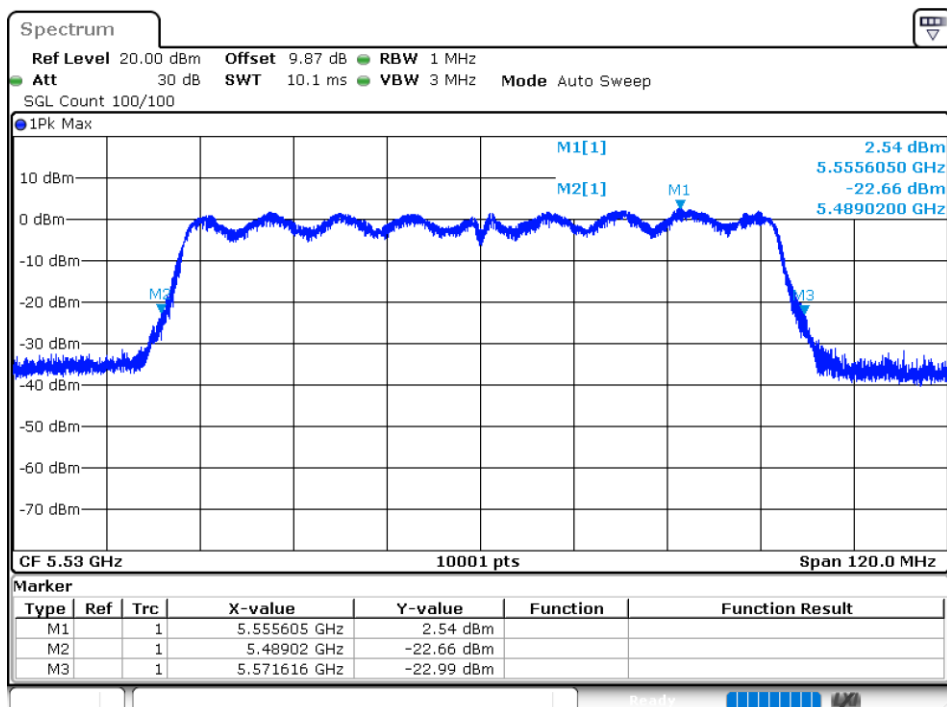
-26dB Bandwidth NVNT ac40 5590MHz Ant1

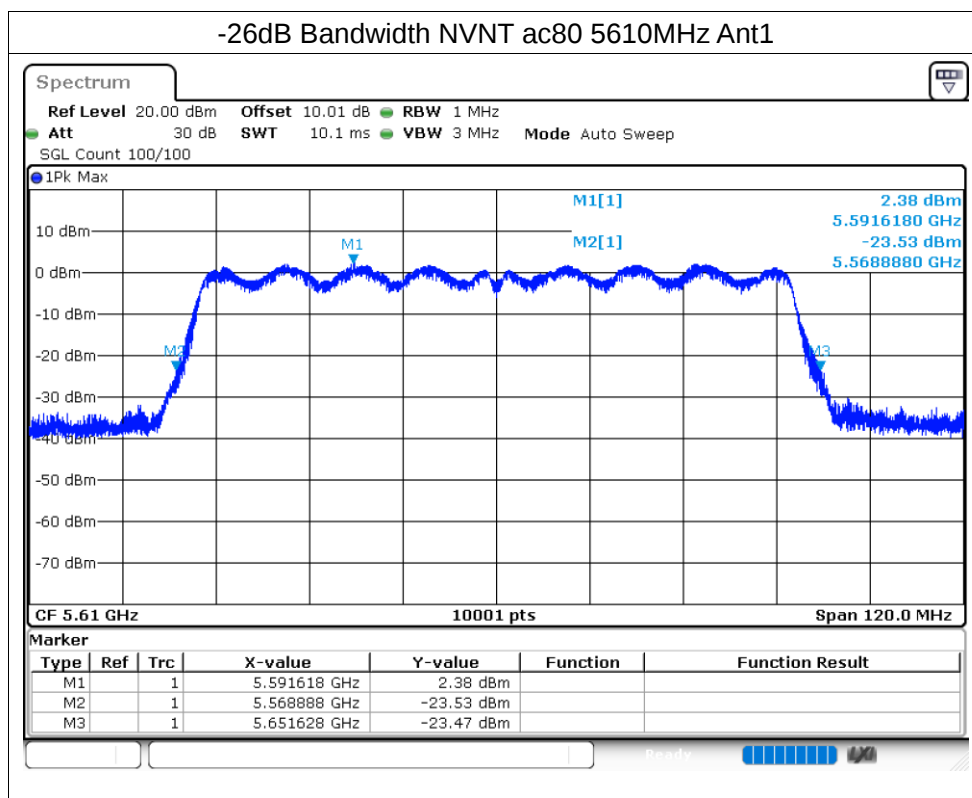


-26dB Bandwidth NVNT ac40 5670MHz Ant1



-26dB Bandwidth NVNT ac80 5530MHz Ant1



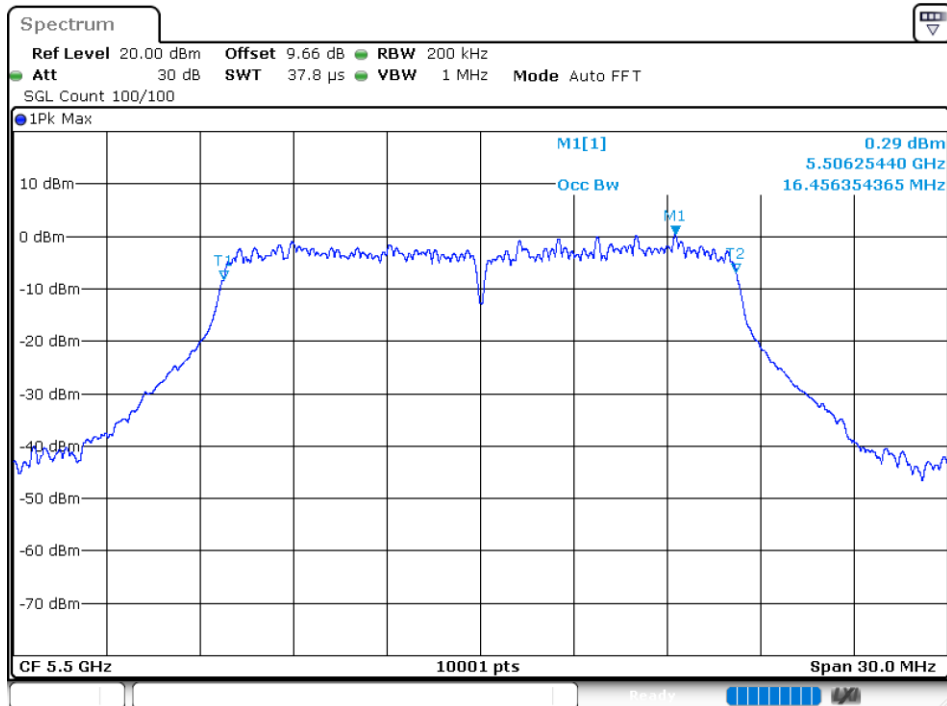


Occupied Channel Bandwidth

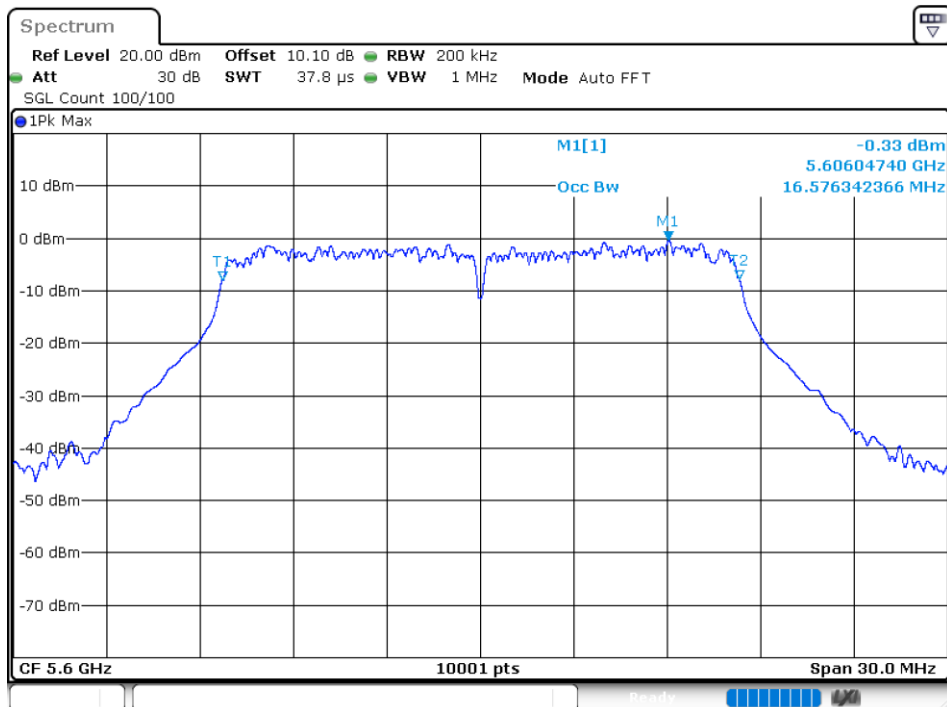
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.456
NVNT	a	5600	Ant1	16.576
NVNT	a	5700	Ant1	16.501
NVNT	n20	5500	Ant1	17.704
NVNT	n20	5600	Ant1	17.638
NVNT	n20	5700	Ant1	17.641
NVNT	n40	5510	Ant1	36.326
NVNT	n40	5590	Ant1	36.254
NVNT	n40	5670	Ant1	36.242
NVNT	ac20	5500	Ant1	17.626
NVNT	ac20	5600	Ant1	17.608
NVNT	ac20	5700	Ant1	17.737
NVNT	ac40	5510	Ant1	36.266
NVNT	ac40	5590	Ant1	36.314
NVNT	ac40	5670	Ant1	36.29
NVNT	ac80	5530	Ant1	75.568
NVNT	ac80	5610	Ant1	75.508

Test Graphs

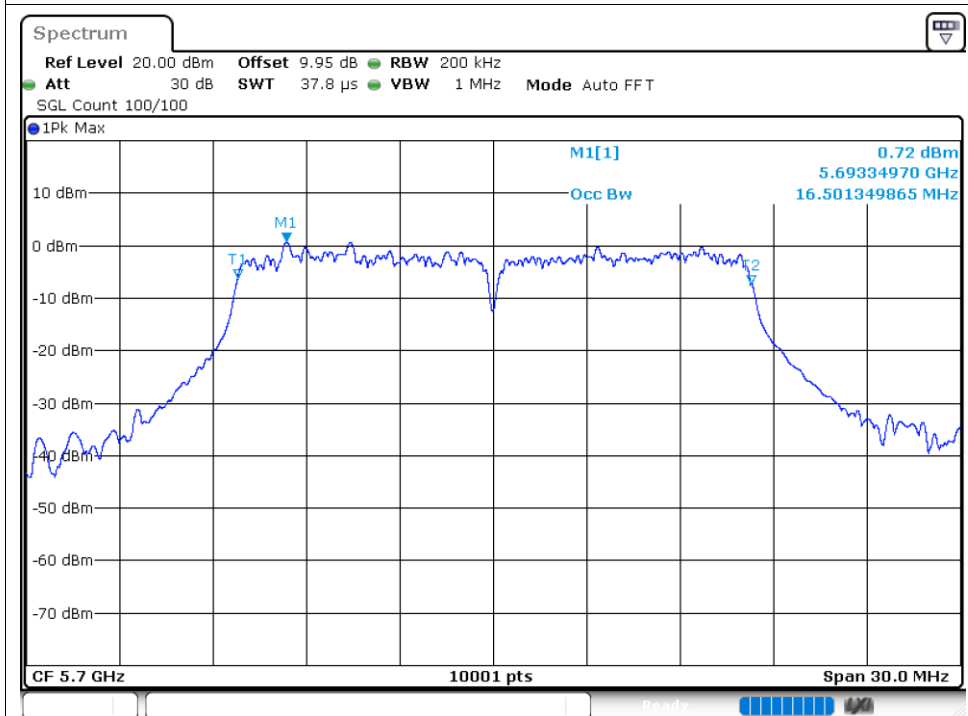
OBW NVNT a 5500MHz Ant1



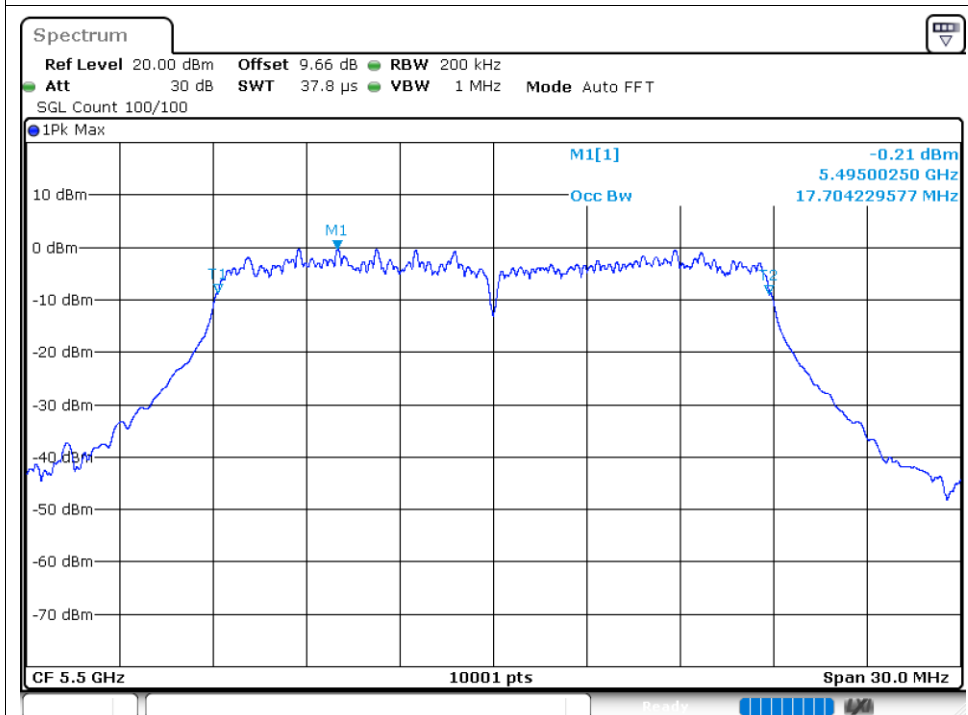
OBW NVNT a 5600MHz Ant1



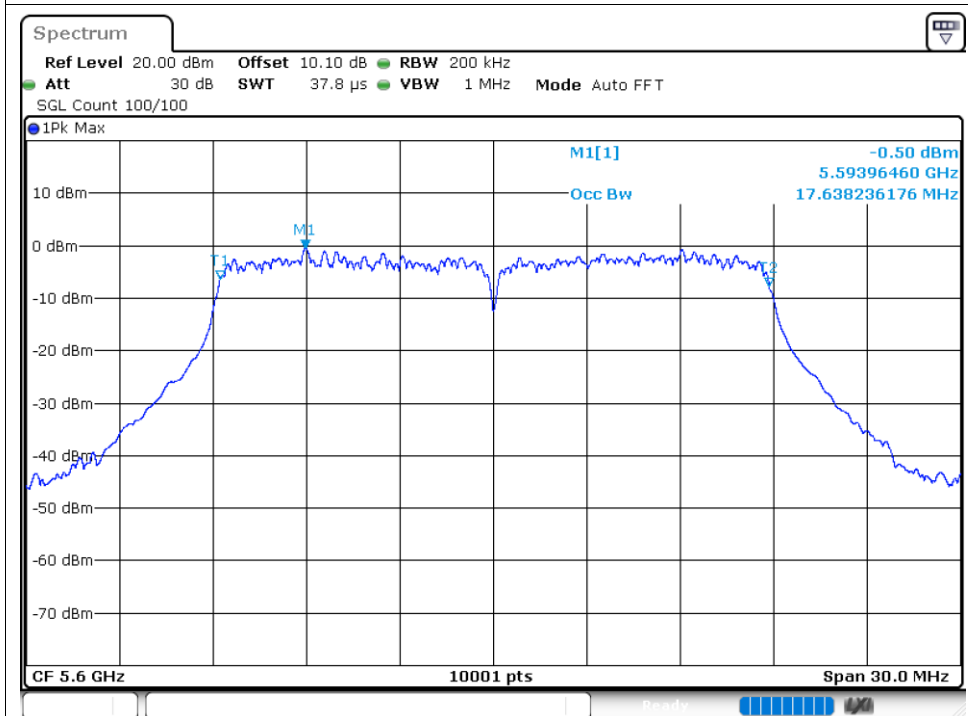
OBW NVNT a 5700MHz Ant1



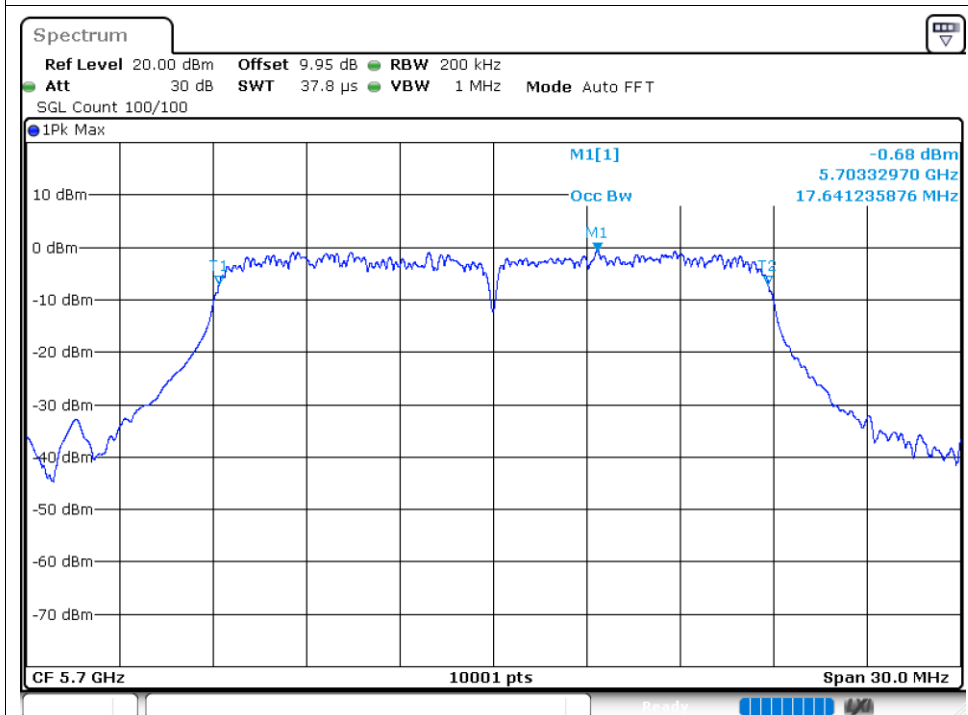
OBW NVNT n20 5500MHz Ant1



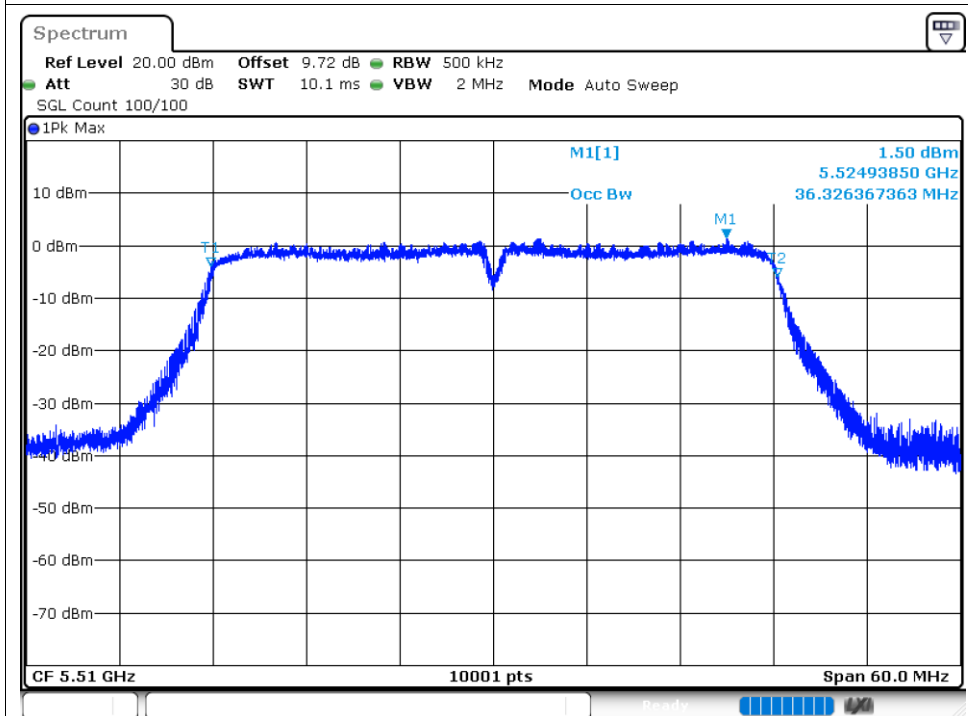
OBW NVNT n20 5600MHz Ant1



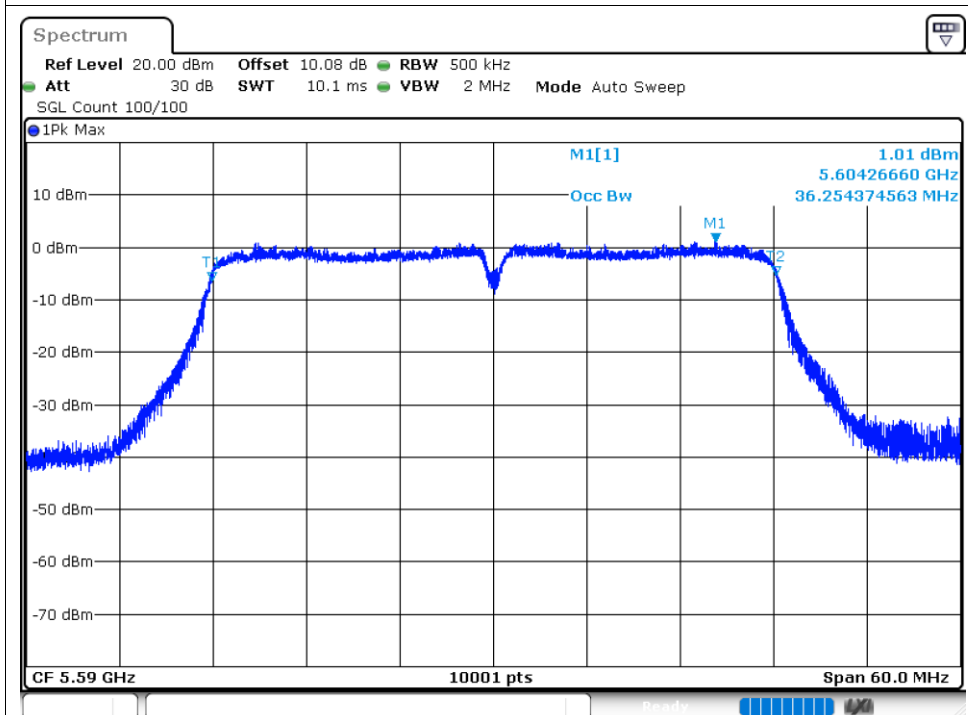
OBW NVNT n20 5700MHz Ant1



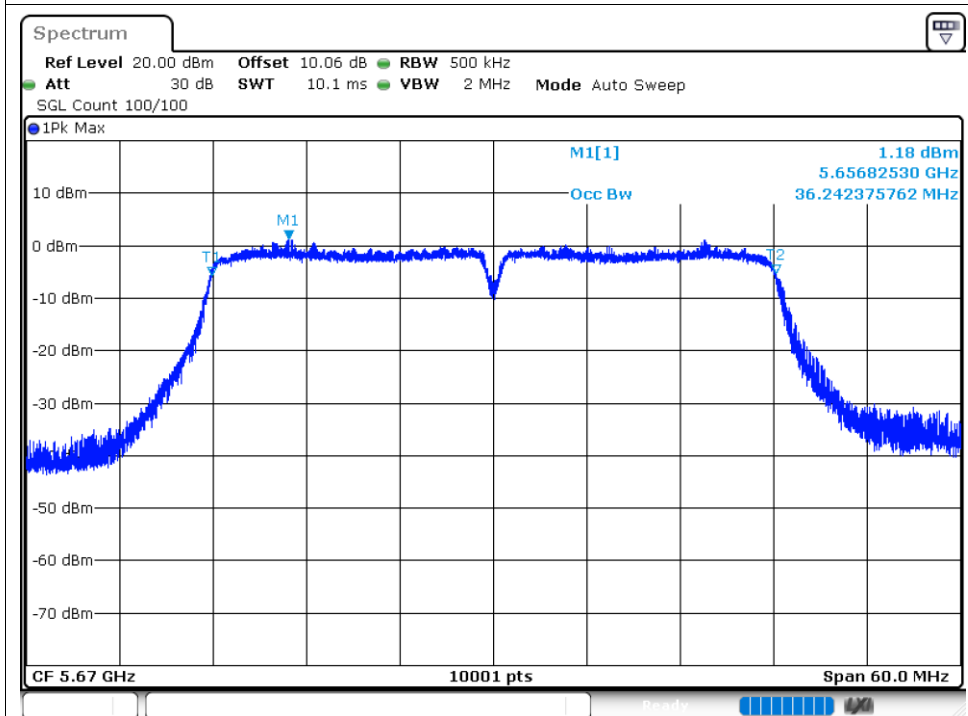
OBW NVNT n40 5510MHz Ant1



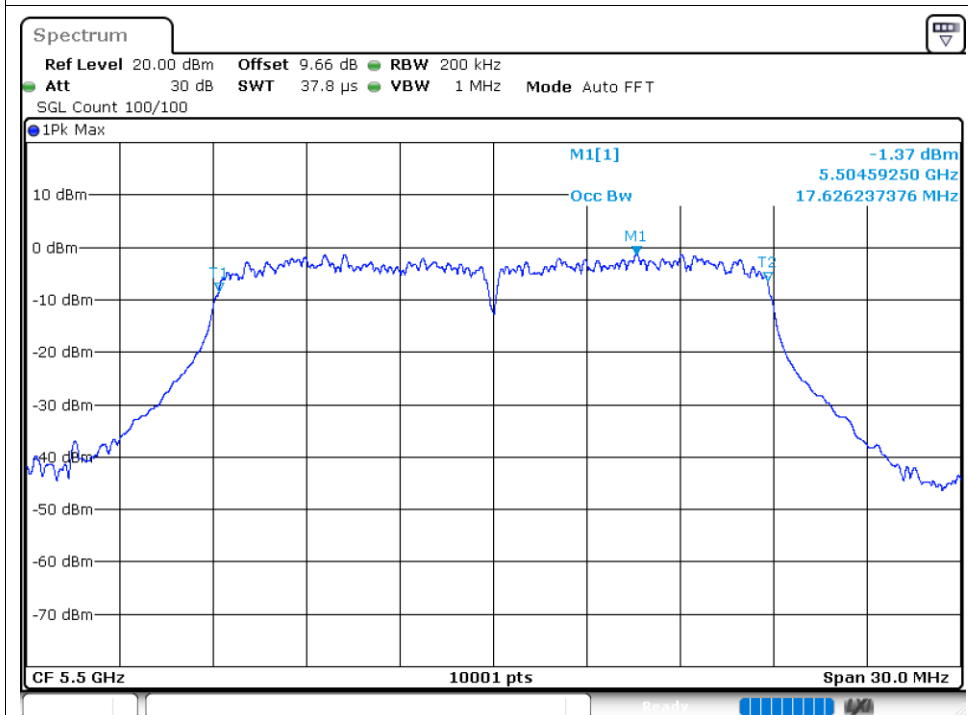
OBW NVNT n40 5590MHz Ant1



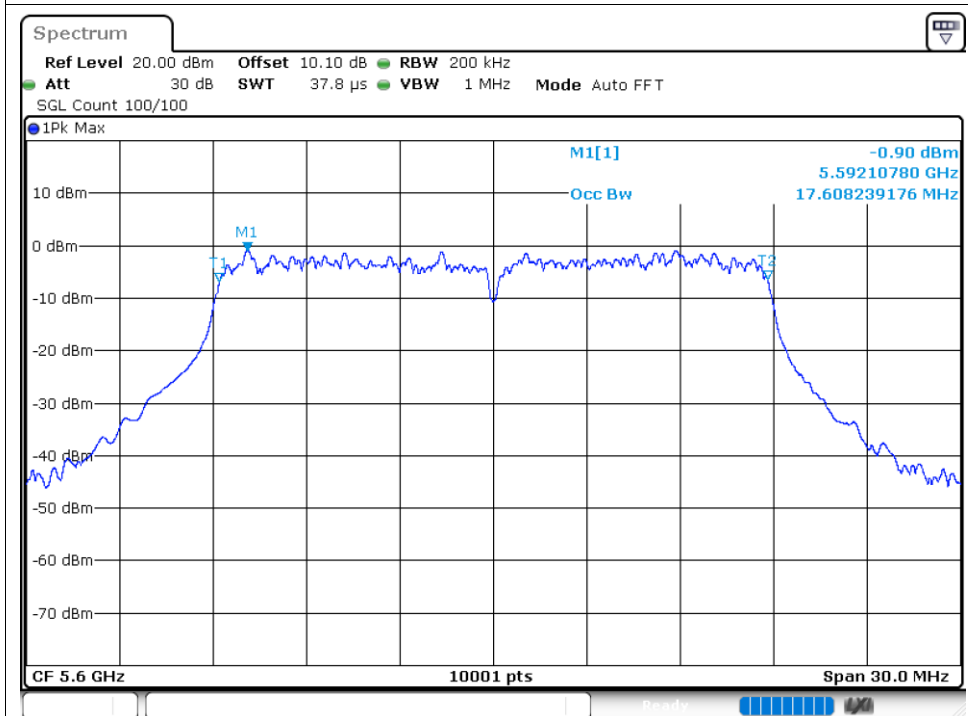
OBW NVNT n40 5670MHz Ant1



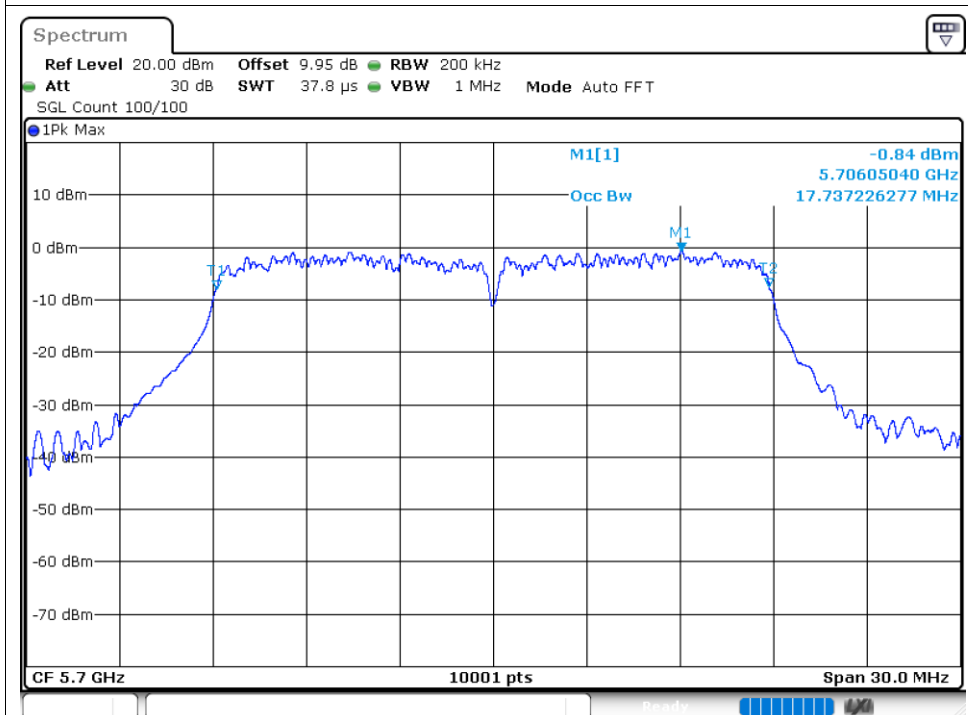
OBW NVNT ac20 5500MHz Ant1



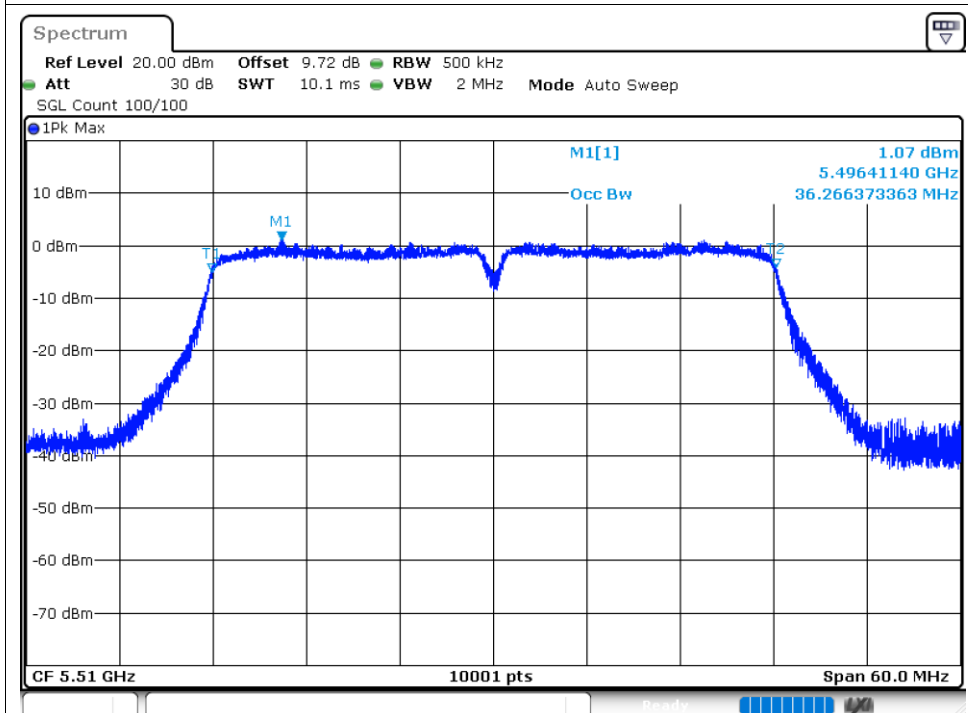
OBW NVNT ac20 5600MHz Ant1



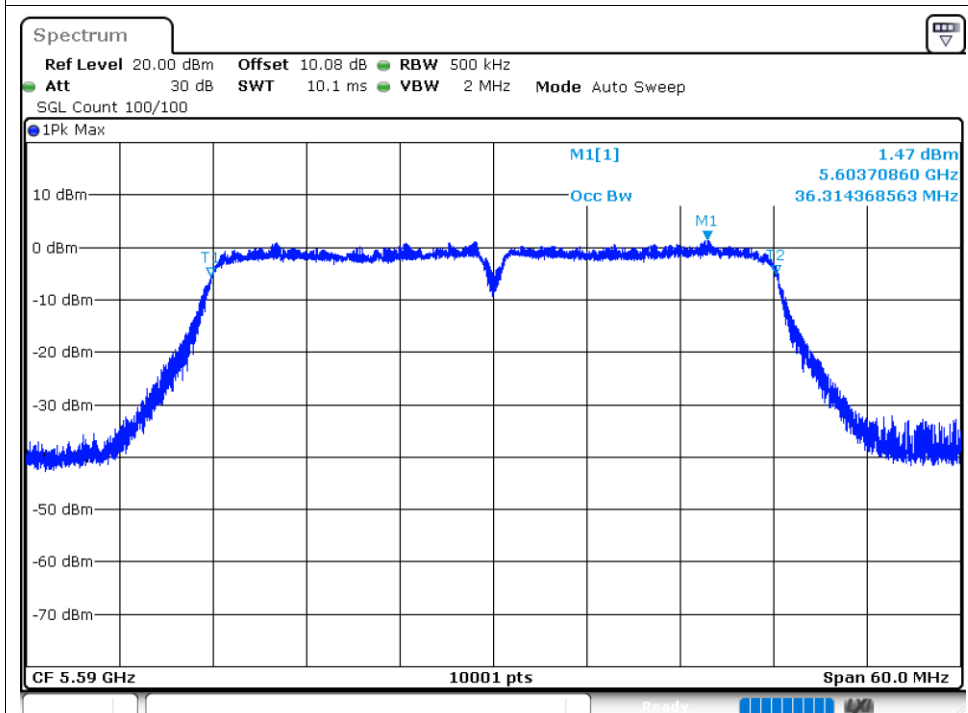
OBW NVNT ac20 5700MHz Ant1



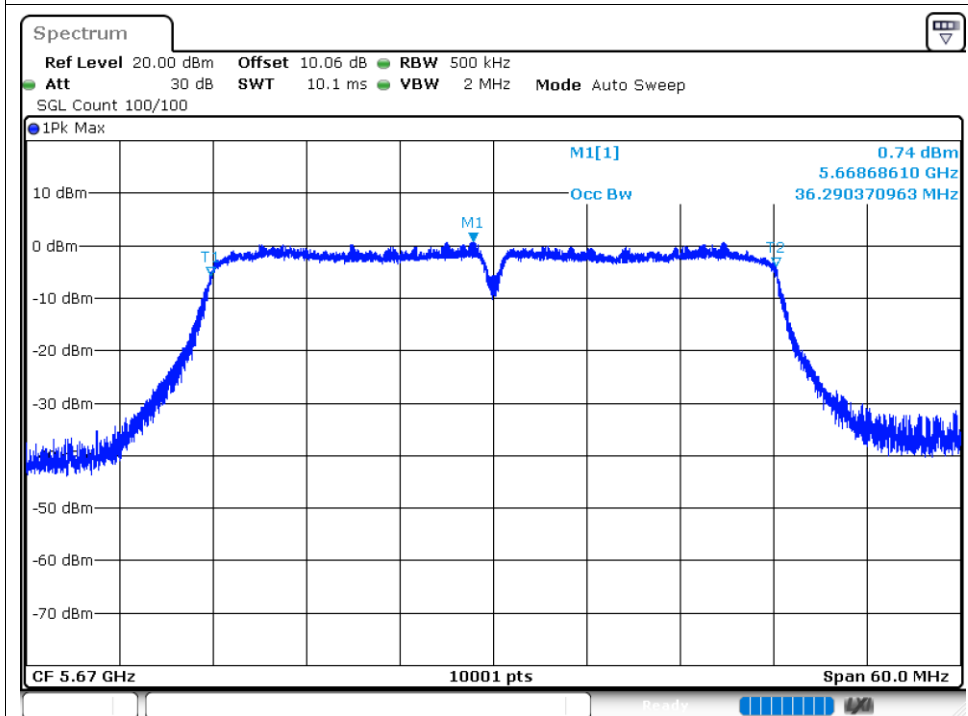
OBW NVNT ac40 5510MHz Ant1



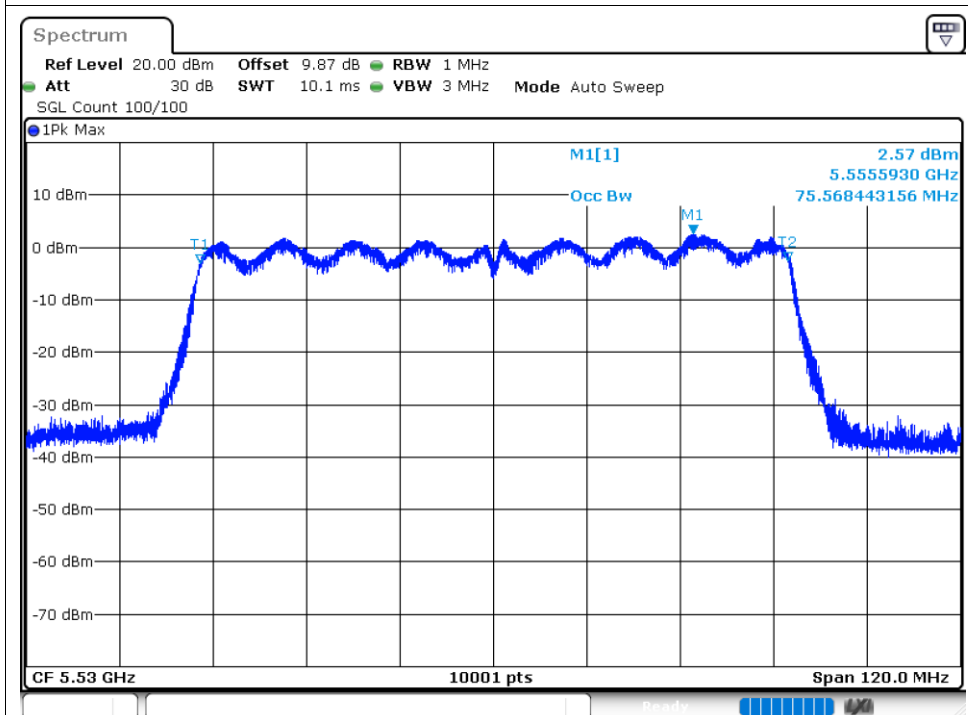
OBW NVNT ac40 5590MHz Ant1

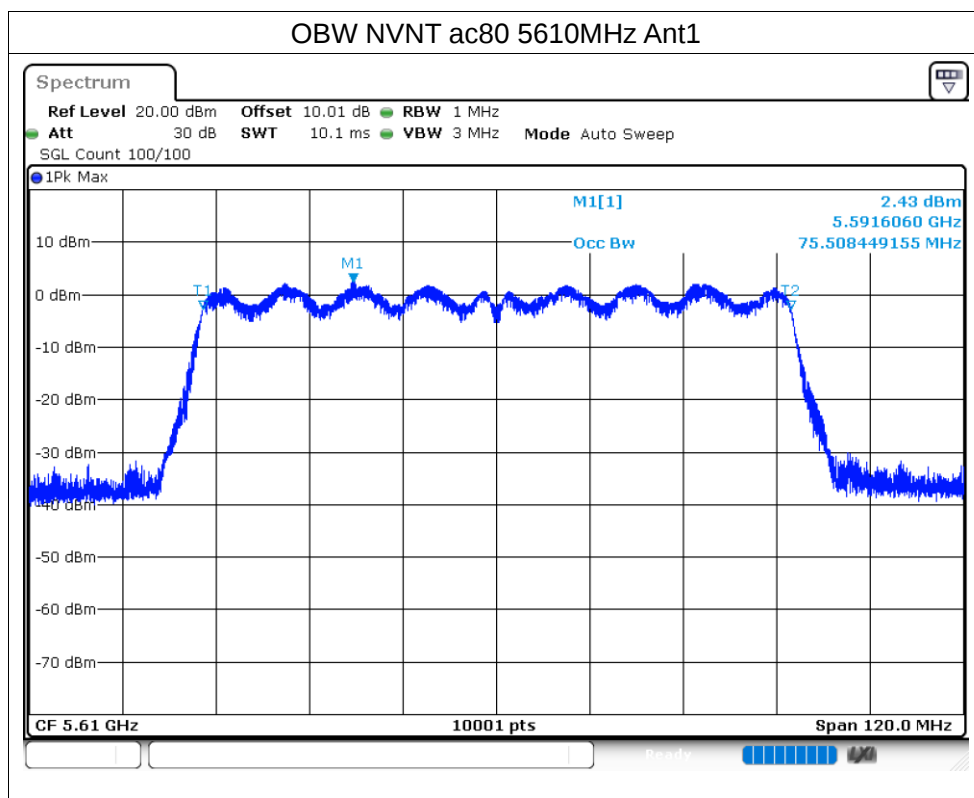


OBW NVNT ac40 5670MHz Ant1



OBW NVNT ac80 5530MHz Ant1



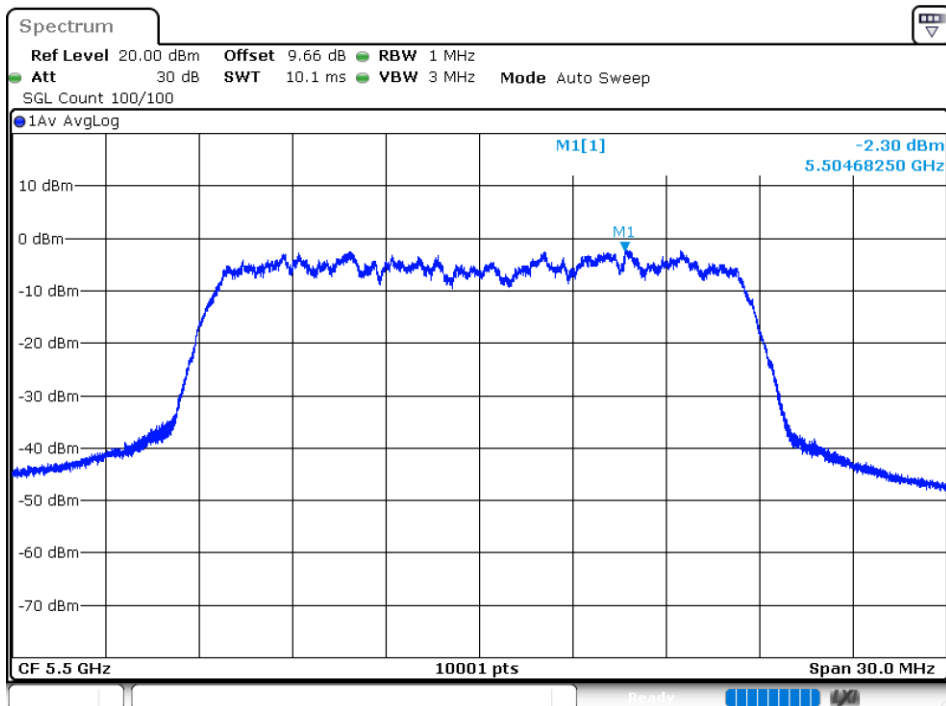


Maximum Power Spectral Density Level

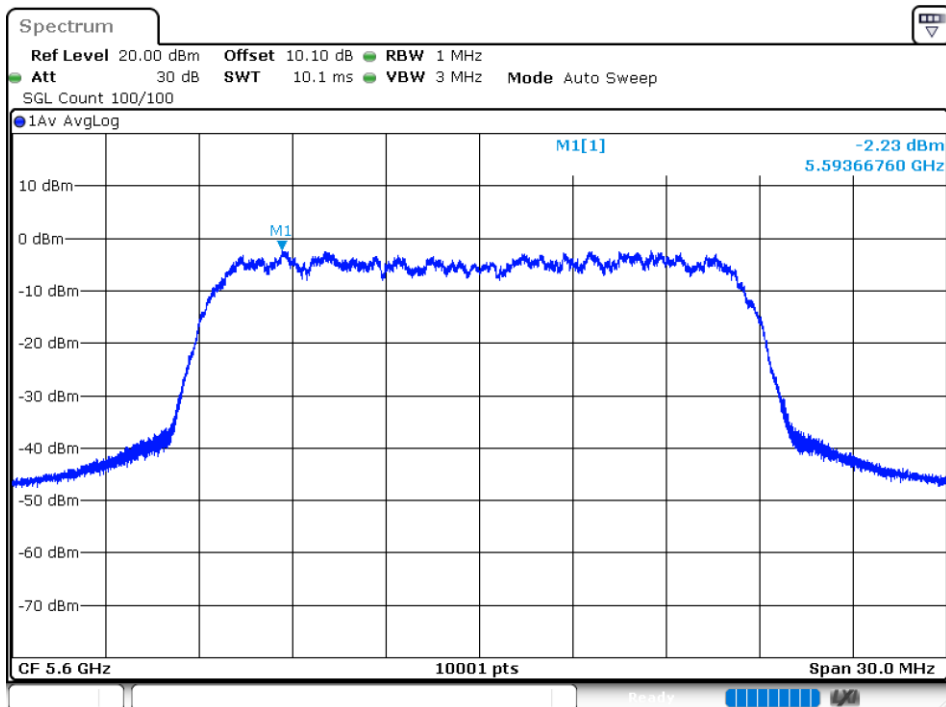
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-2.3	0.2	-2.1	11	Pass
NVNT	a	5600	Ant1	-2.23	0.21	-2.02	11	Pass
NVNT	a	5700	Ant1	-1.21	0.21	-1	11	Pass
NVNT	n20	5500	Ant1	-2.98	0.24	-2.74	11	Pass
NVNT	n20	5600	Ant1	-1.92	0.2	-1.72	11	Pass
NVNT	n20	5700	Ant1	-1.85	0.21	-1.64	11	Pass
NVNT	n40	5510	Ant1	-6.31	0.44	-5.87	11	Pass
NVNT	n40	5590	Ant1	-7.46	0.39	-7.07	11	Pass
NVNT	n40	5670	Ant1	-7.18	0.39	-6.79	11	Pass
NVNT	ac20	5500	Ant1	-2.26	0.23	-2.03	11	Pass
NVNT	ac20	5600	Ant1	-2.09	0.22	-1.87	11	Pass
NVNT	ac20	5700	Ant1	-2.03	0.21	-1.82	11	Pass
NVNT	ac40	5510	Ant1	-5.74	0.37	-5.37	11	Pass
NVNT	ac40	5590	Ant1	-5.4	0.42	-4.98	11	Pass
NVNT	ac40	5670	Ant1	-7.18	0.42	-6.76	11	Pass
NVNT	ac80	5530	Ant1	-10.61	0.79	-9.82	11	Pass
NVNT	ac80	5610	Ant1	-11.47	0.79	-10.68	11	Pass

Test Graphs

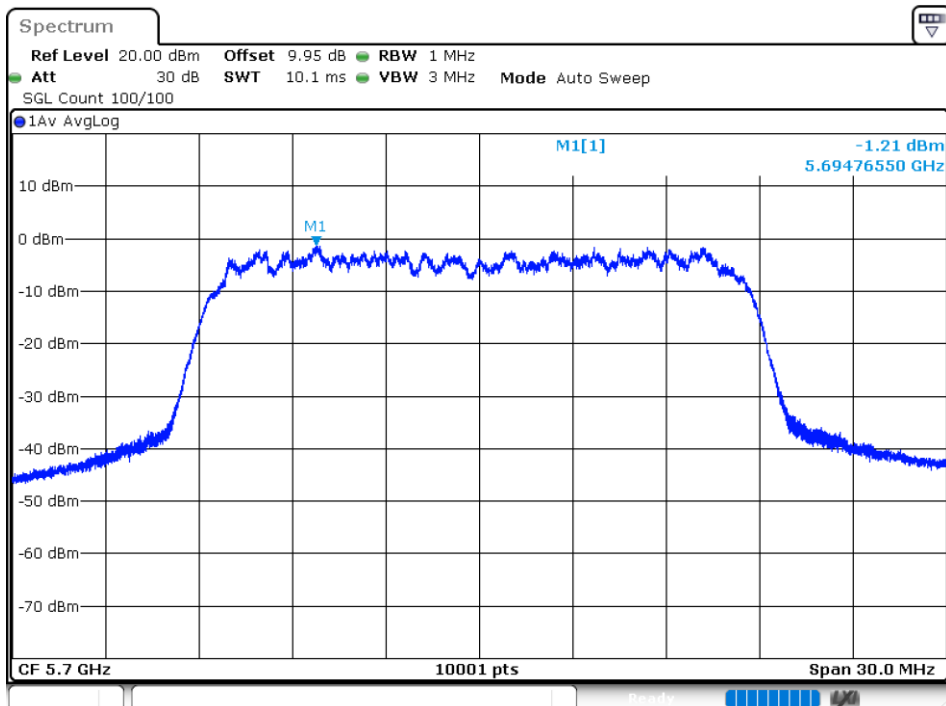
PSD NVNT a 5500MHz Ant1



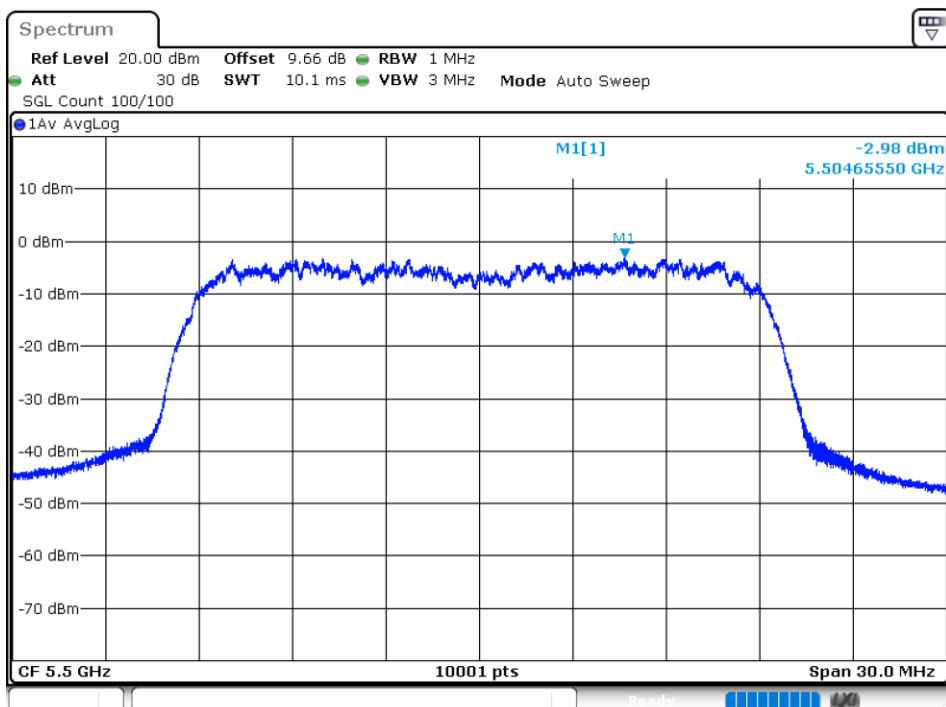
PSD NVNT a 5600MHz Ant1



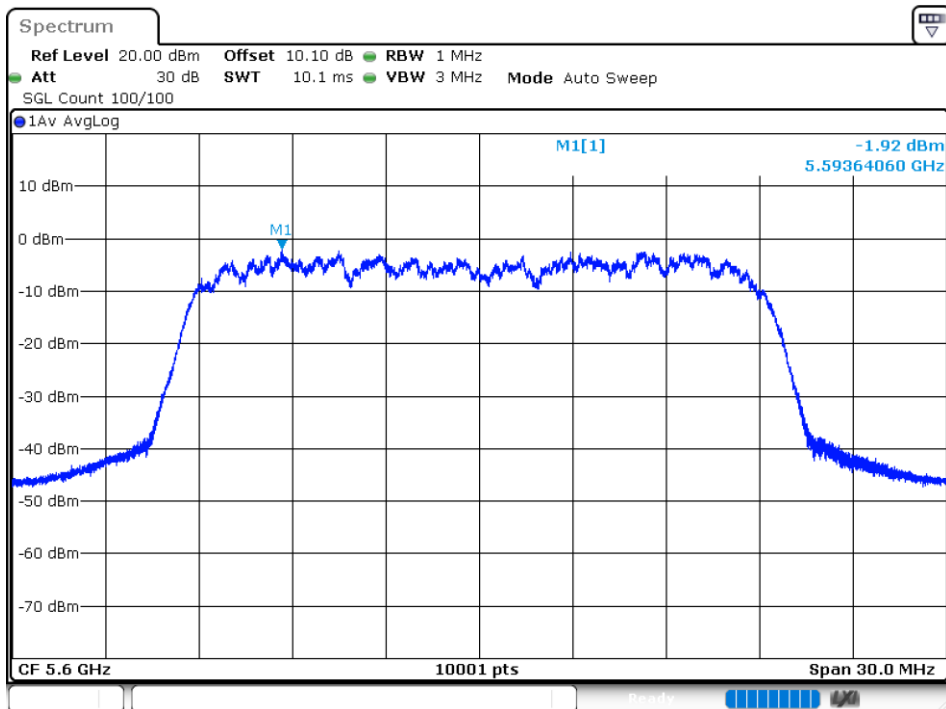
PSD NVNT a 5700MHz Ant1



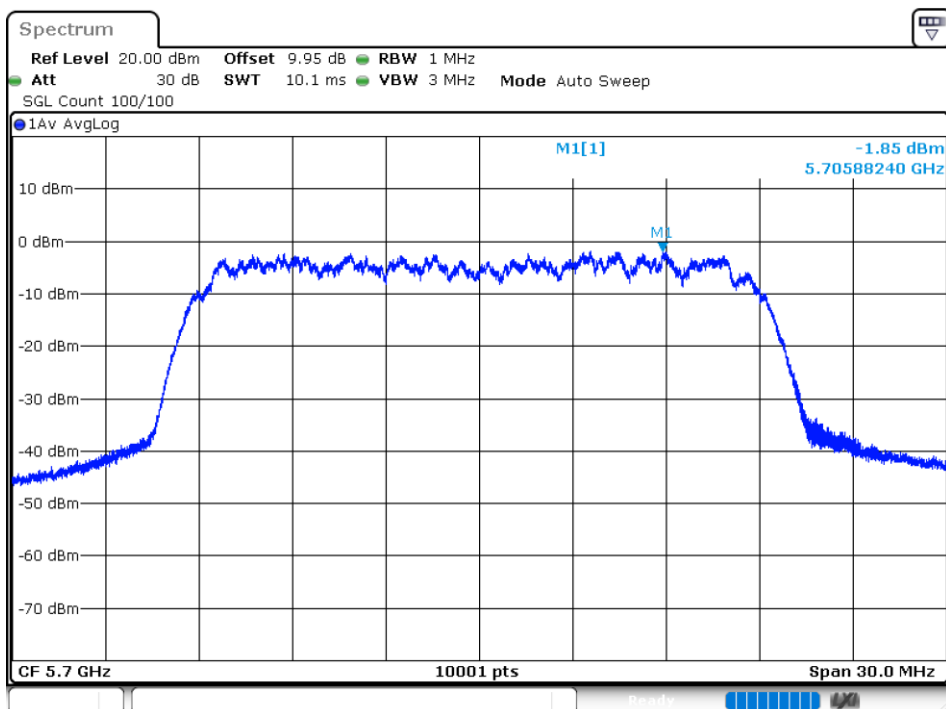
PSD NVNT n20 5500MHz Ant1



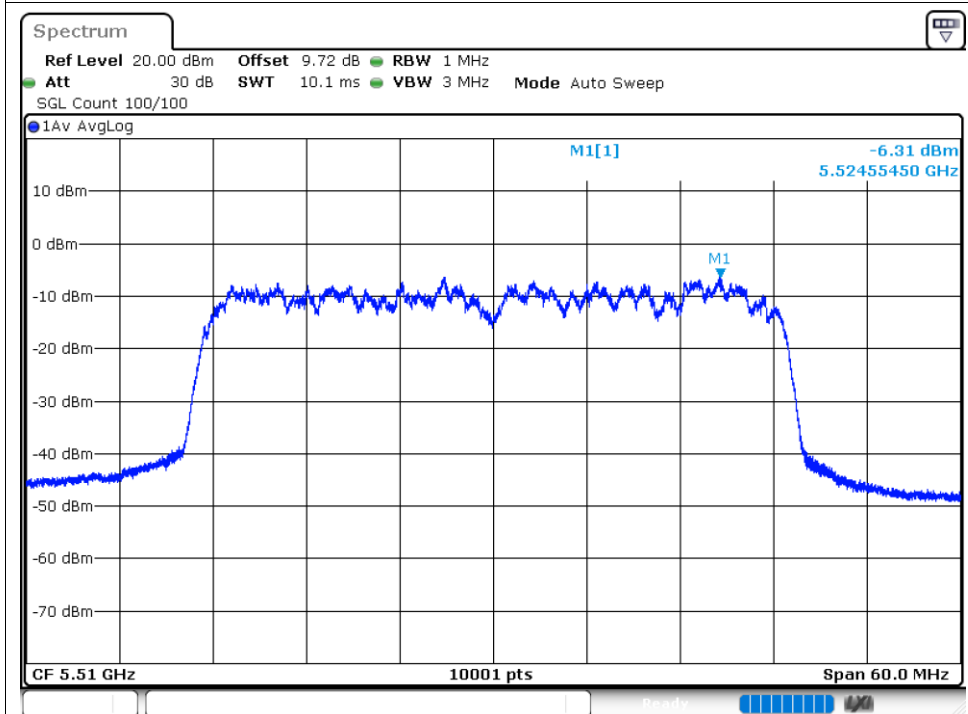
PSD NVNT n20 5600MHz Ant1



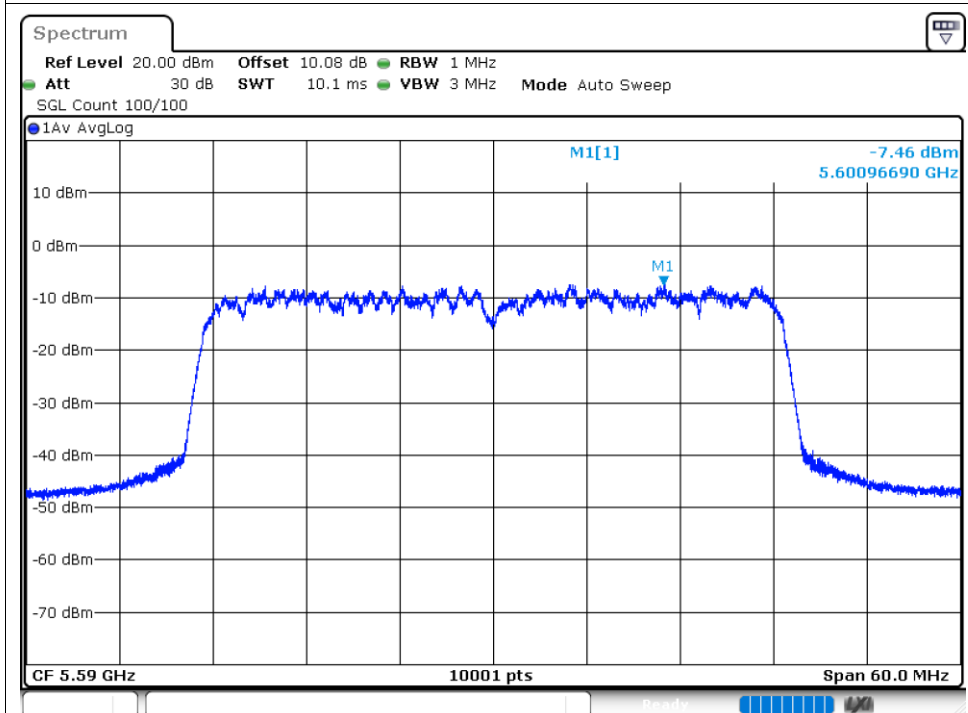
PSD NVNT n20 5700MHz Ant1



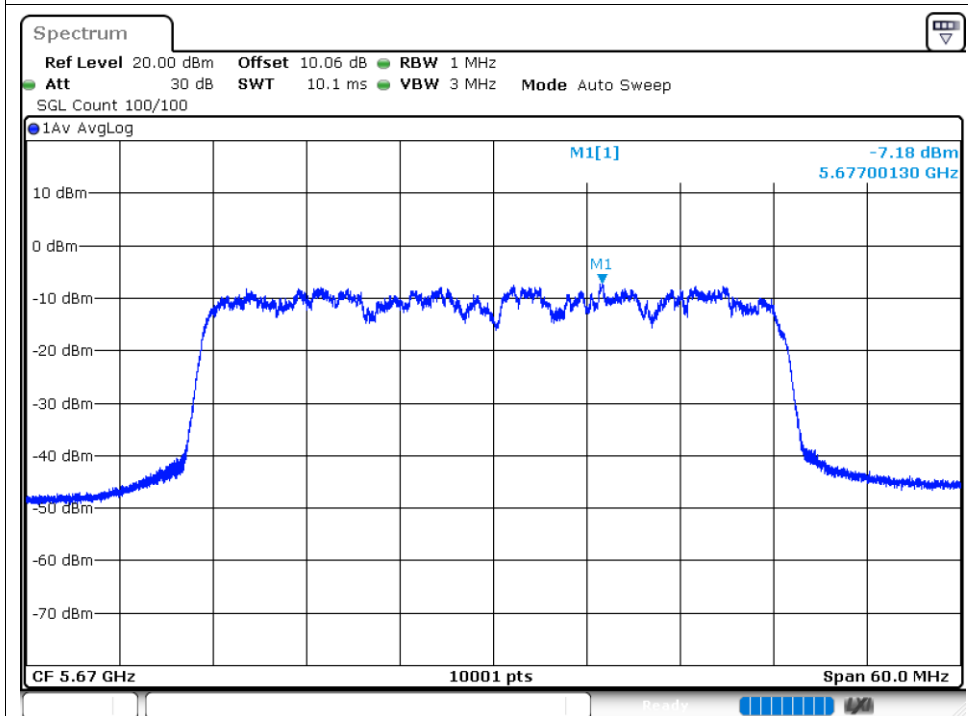
PSD NVNT n40 5510MHz Ant1



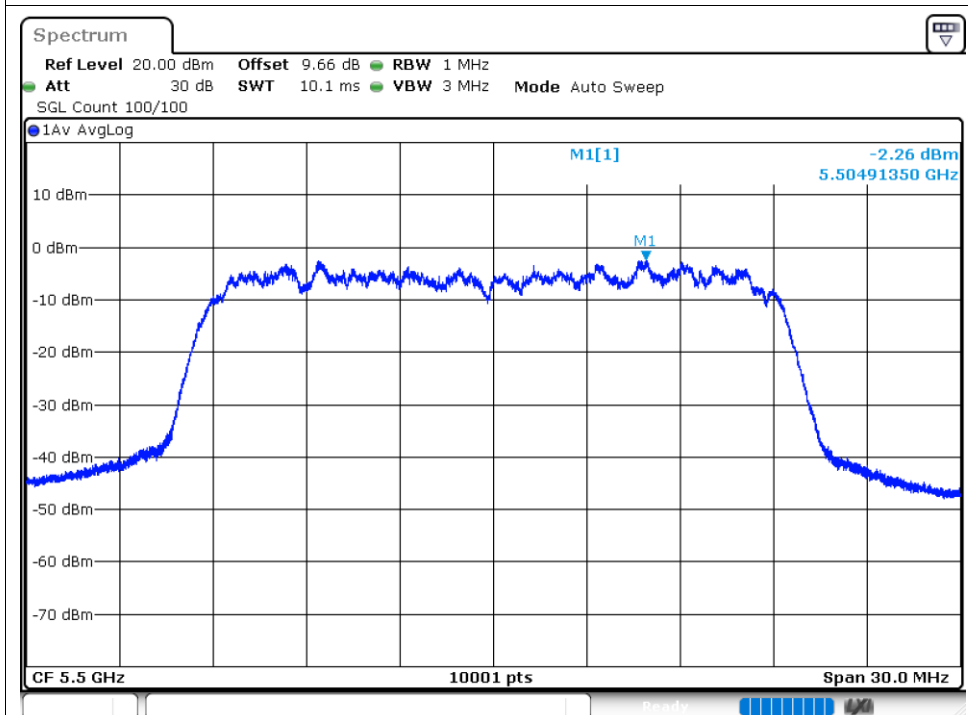
PSD NVNT n40 5590MHz Ant1



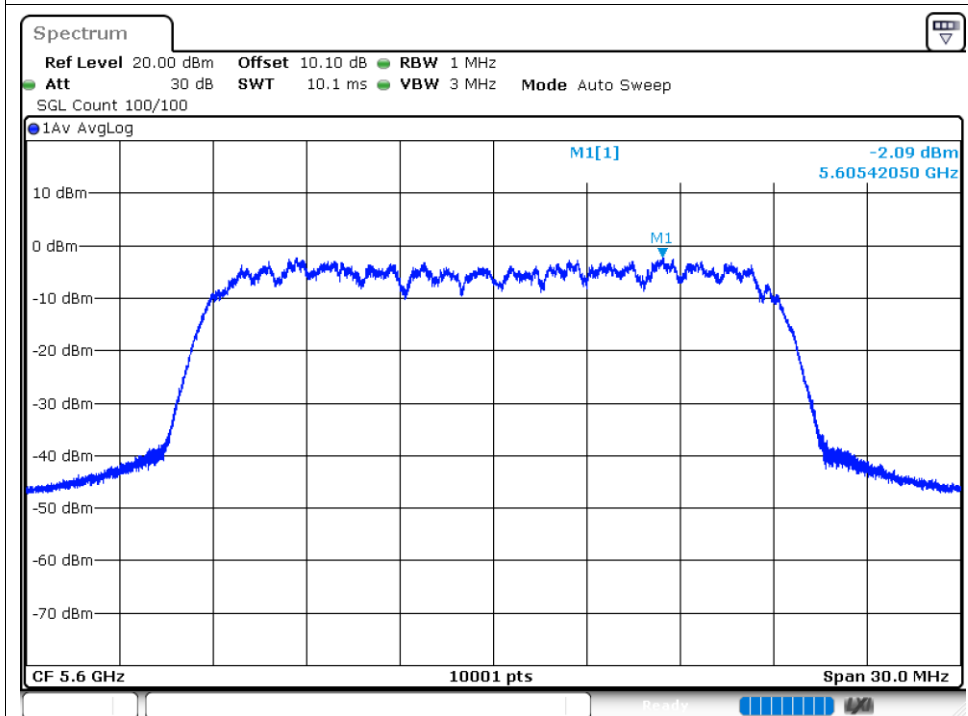
PSD NVNT n40 5670MHz Ant1



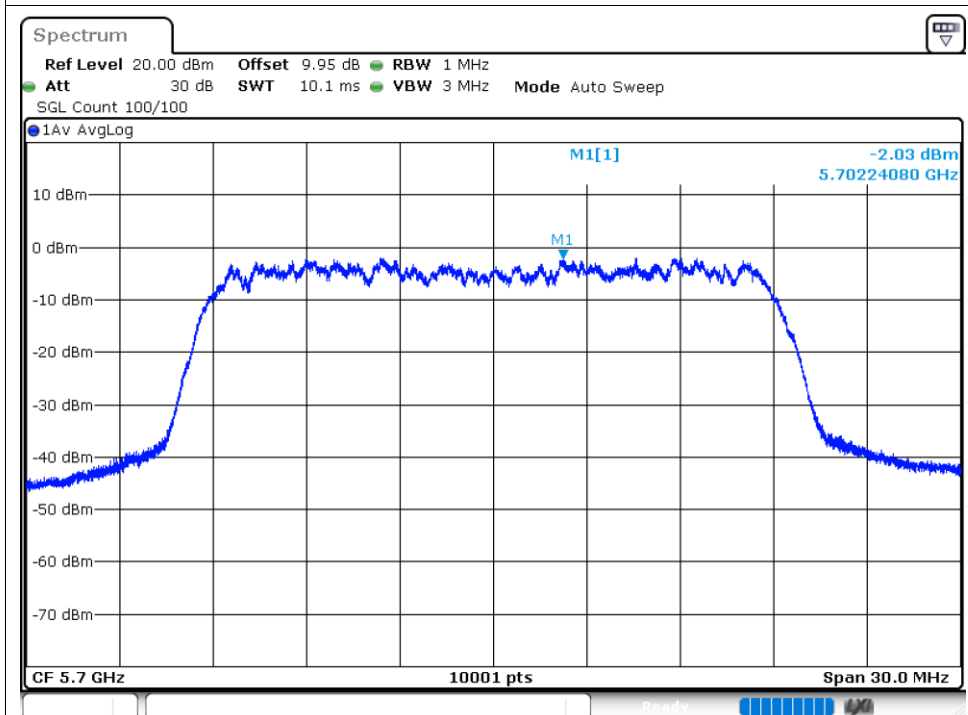
PSD NVNT ac20 5500MHz Ant1



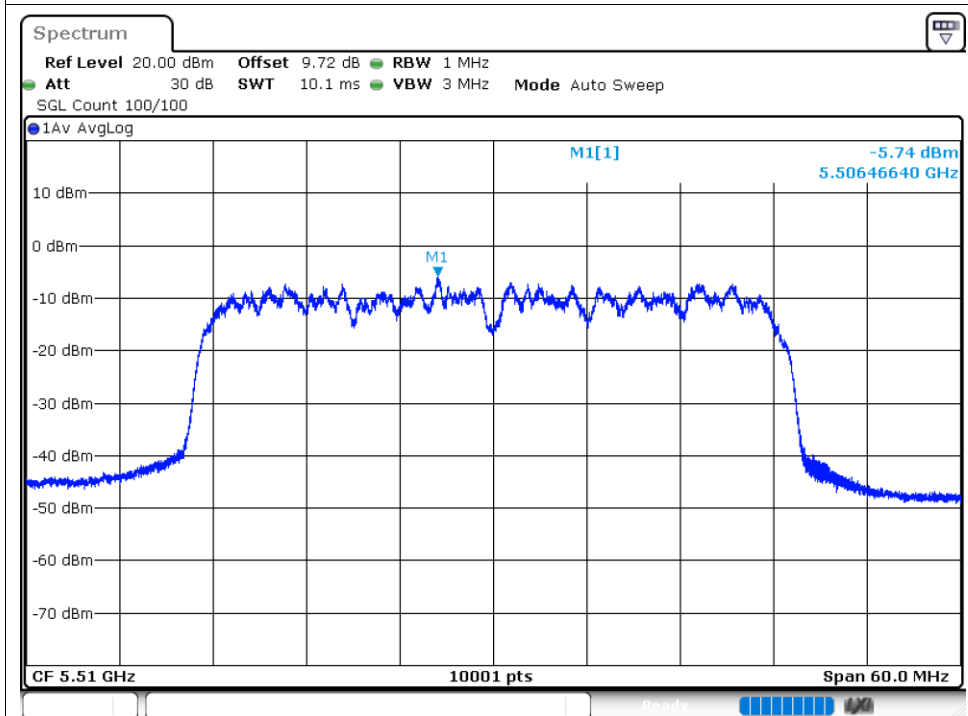
PSD NVNT ac20 5600MHz Ant1



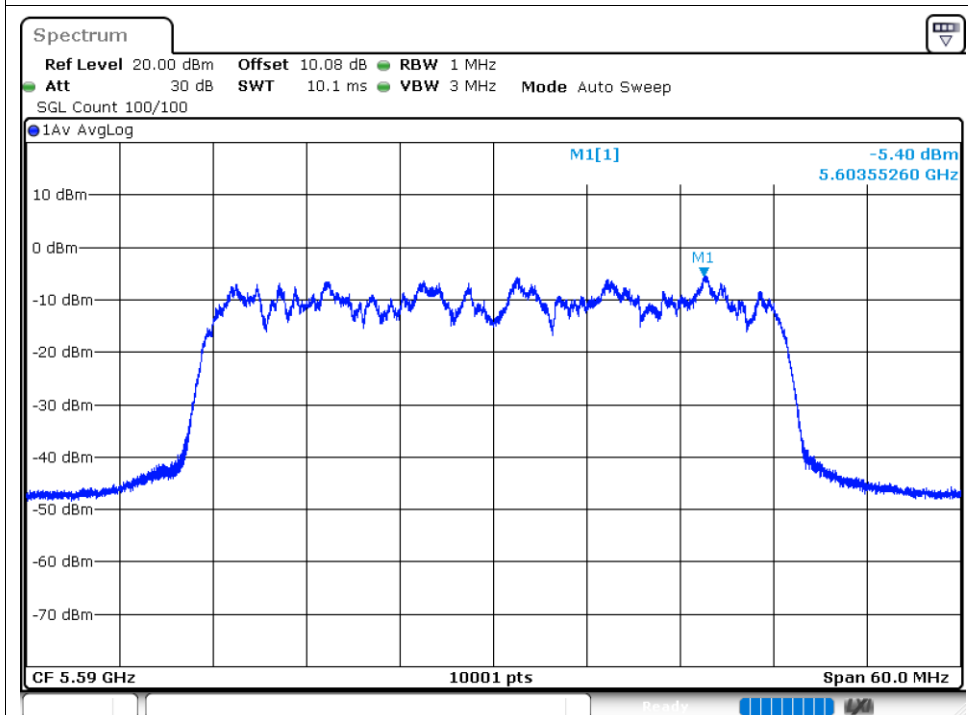
PSD NVNT ac20 5700MHz Ant1



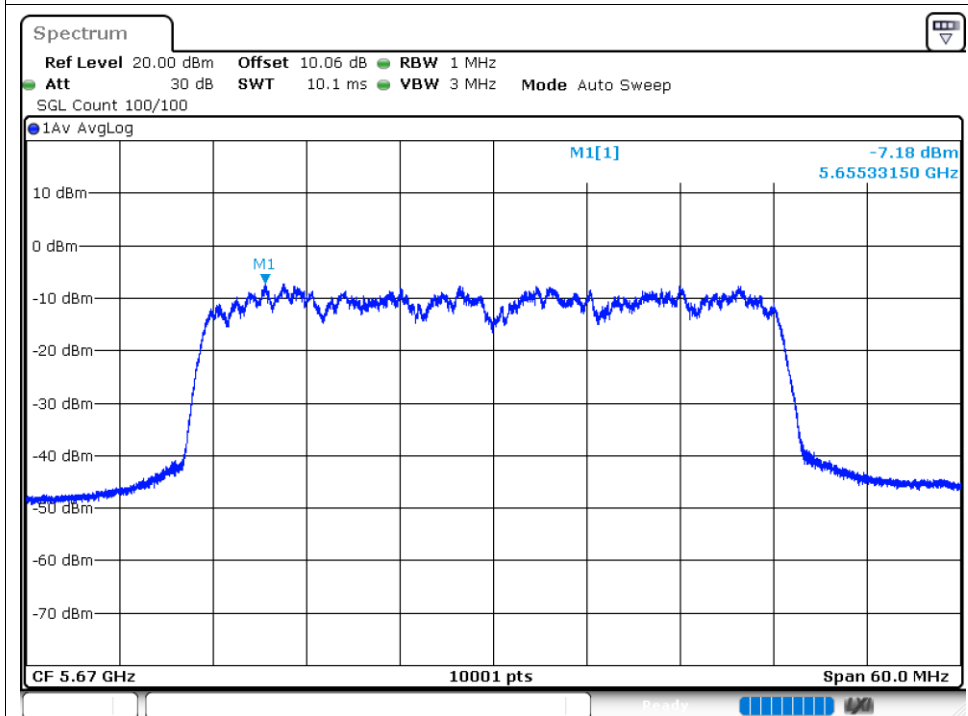
PSD NVNT ac40 5510MHz Ant1



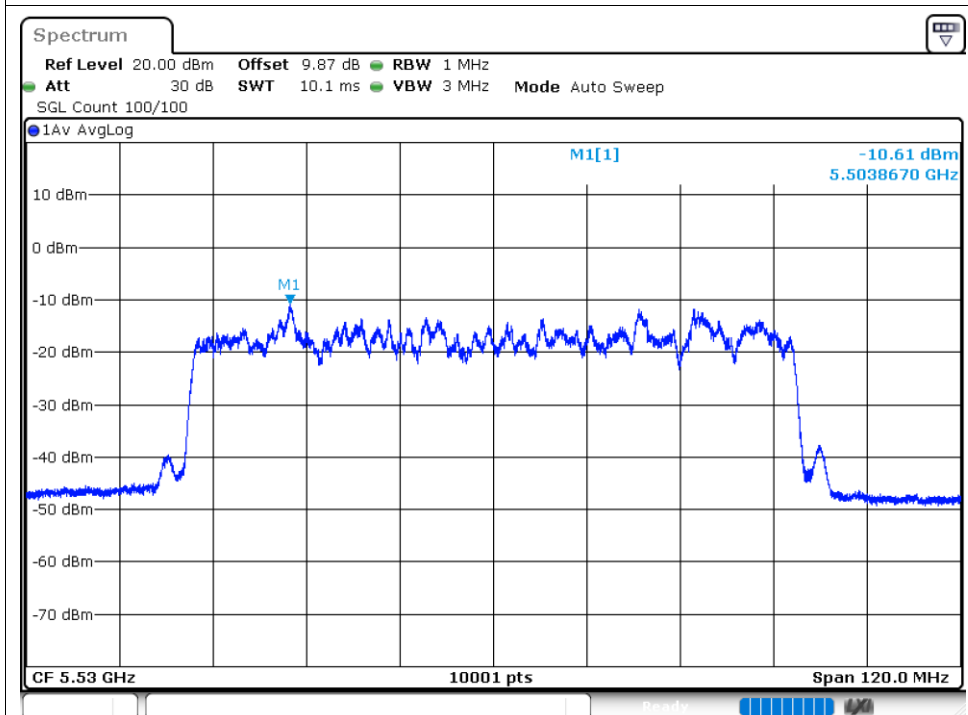
PSD NVNT ac40 5590MHz Ant1

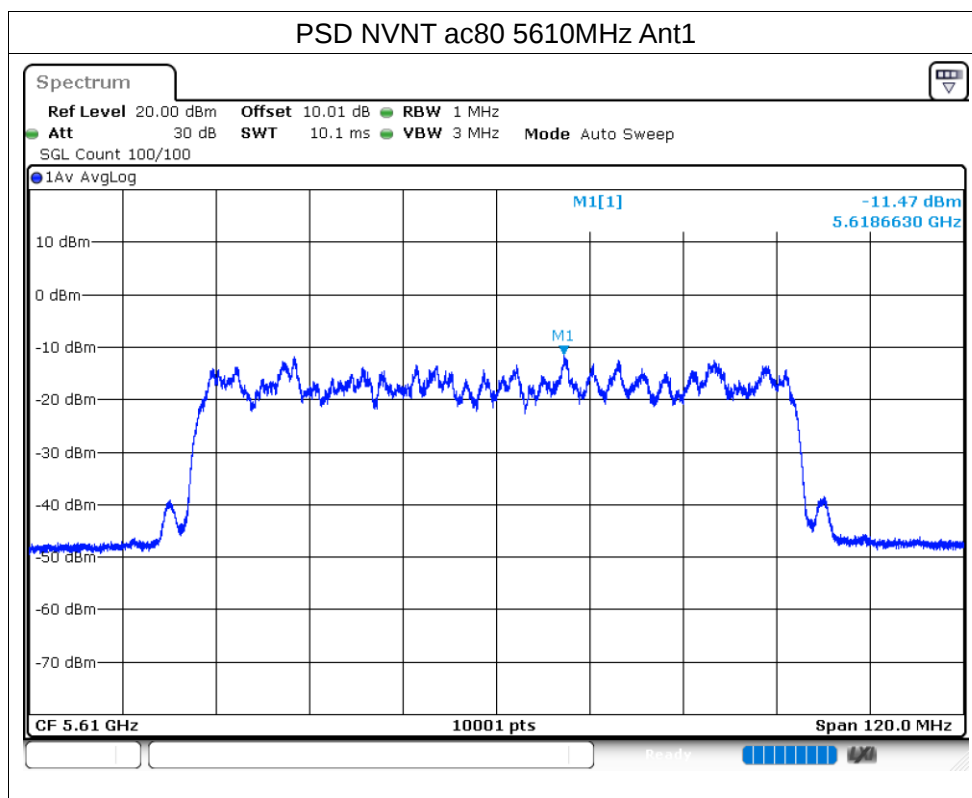


PSD NVNT ac40 5670MHz Ant1



PSD NVNT ac80 5530MHz Ant1



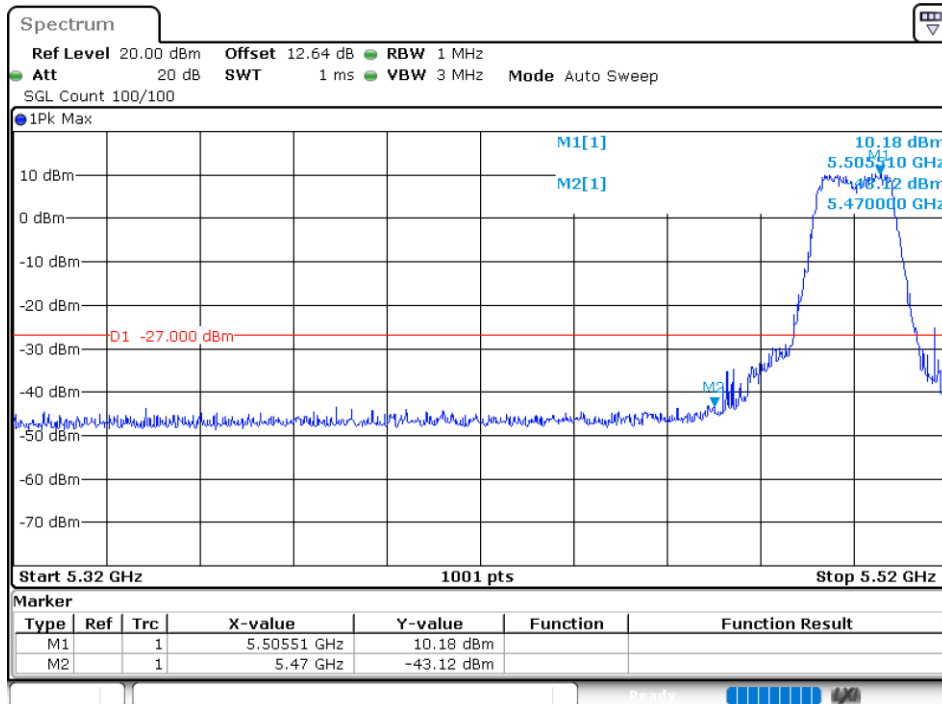


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5500	Ant1	-43.11	-27	Pass
NVNT	a	5700	Ant1	-34.42	-27	Pass
NVNT	n20	5500	Ant1	-41.73	-27	Pass
NVNT	n20	5700	Ant1	-35.07	-27	Pass
NVNT	n40	5510	Ant1	-32.76	-27	Pass
NVNT	n40	5670	Ant1	-40.62	-27	Pass
NVNT	ac20	5500	Ant1	-42.29	-27	Pass
NVNT	ac20	5700	Ant1	-33.68	-27	Pass
NVNT	ac40	5510	Ant1	-31.71	-27	Pass
NVNT	ac40	5670	Ant1	-38.66	-27	Pass
NVNT	ac80	5530	Ant1	-32.69	-27	Pass
NVNT	ac80	5610	Ant1	-42.5	-27	Pass

Test Graphs

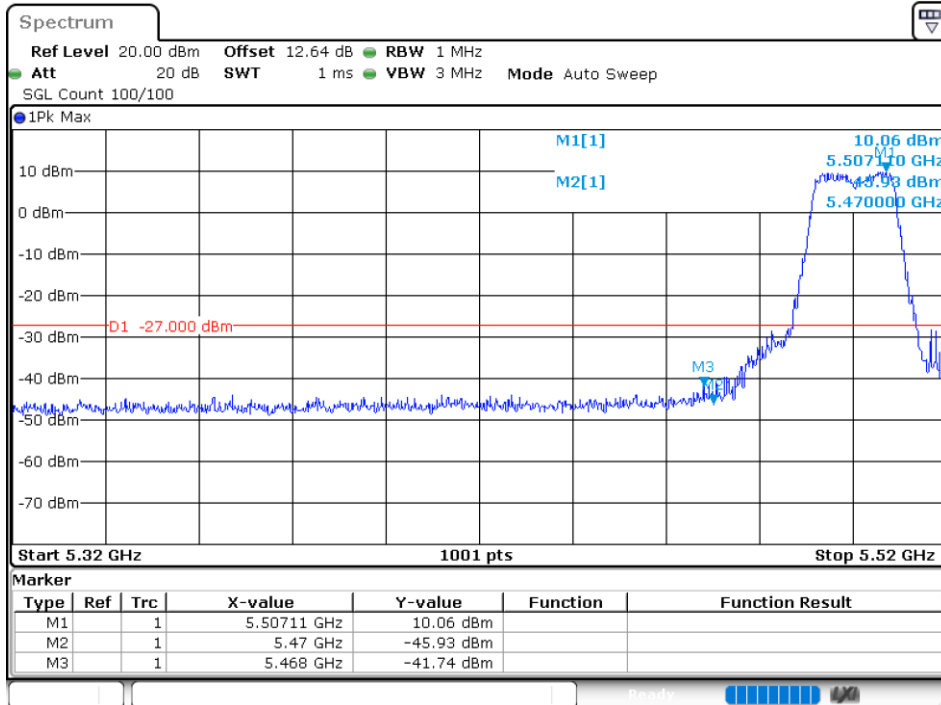
Band Edge NVNT a 5500MHz Low Ant1



Band Edge NVNT a 5700MHz High Ant1



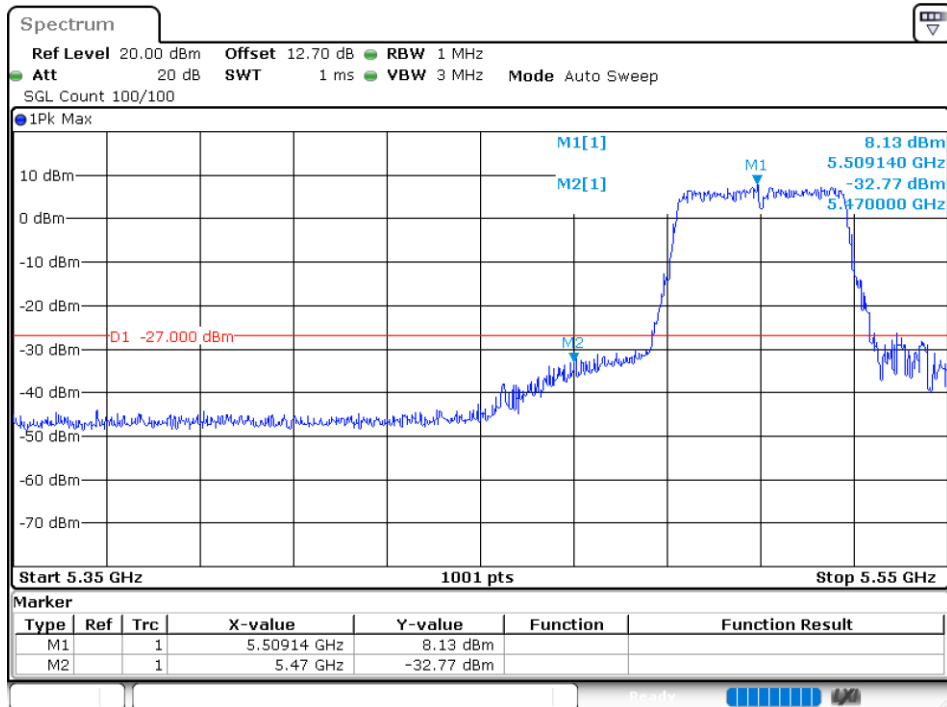
Band Edge NVNT n20 5500MHz Low Ant1



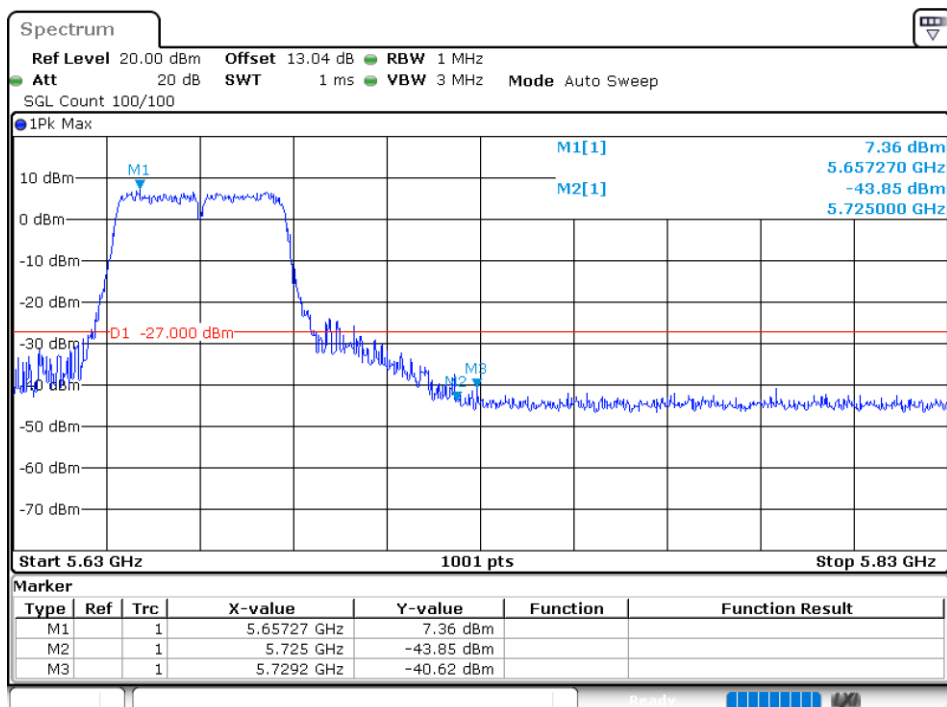
Band Edge NVNT n20 5700MHz High Ant1



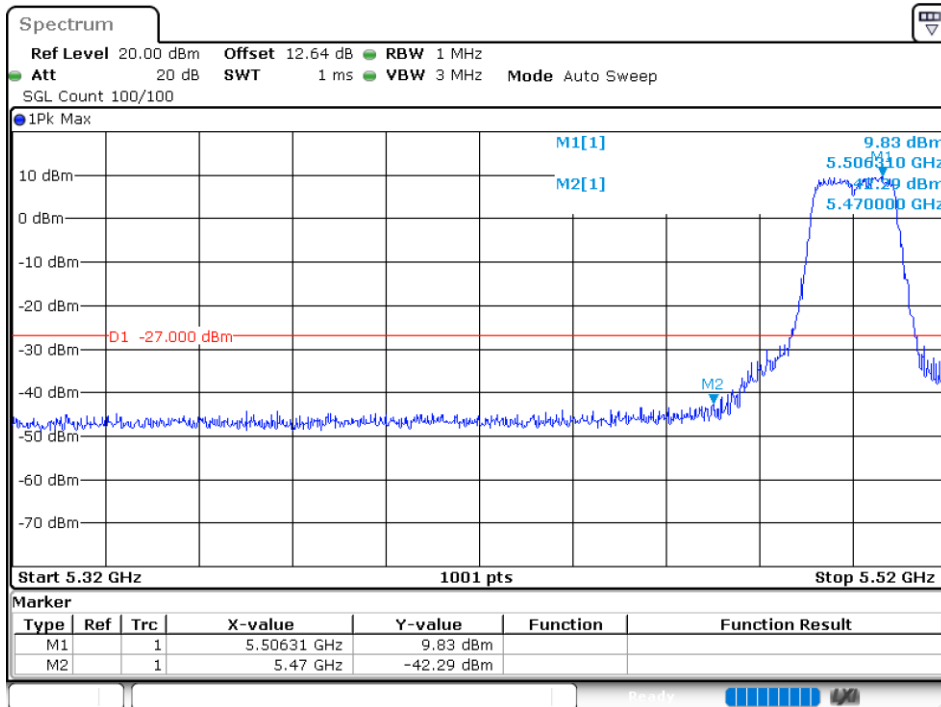
Band Edge NVNT n40 5510MHz Low Ant1



Band Edge NVNT n40 5670MHz High Ant1



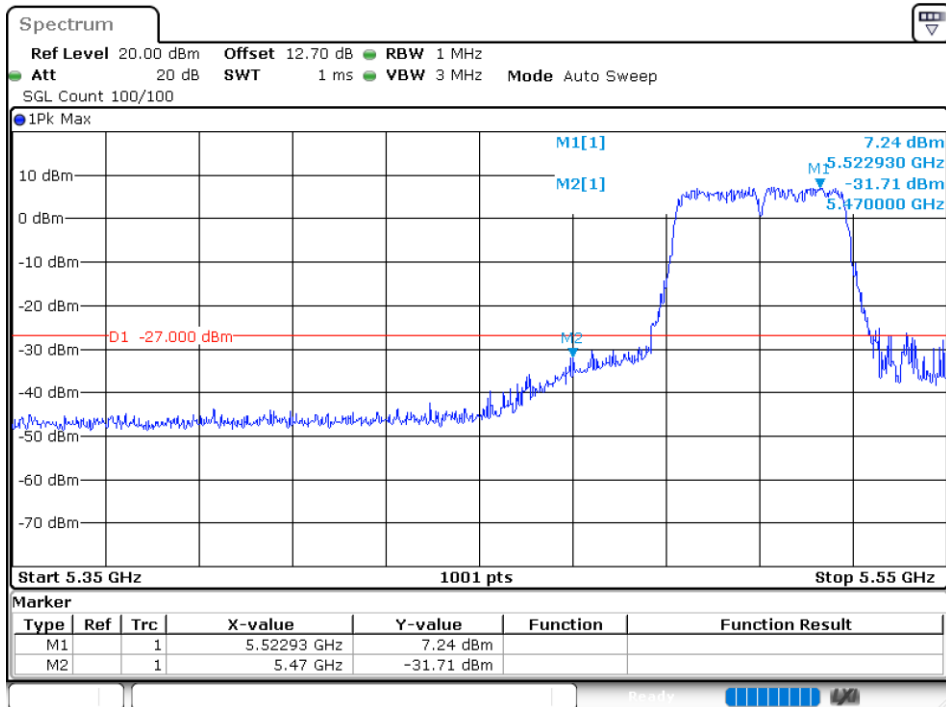
Band Edge NVNT ac20 5500MHz Low Ant1



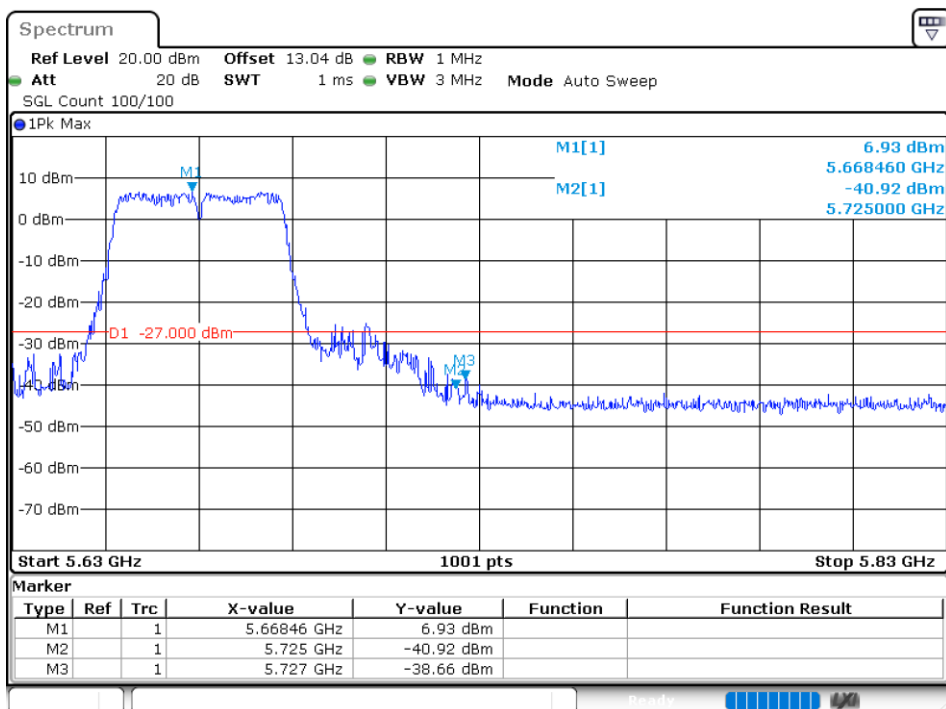
Band Edge NVNT ac20 5700MHz High Ant1



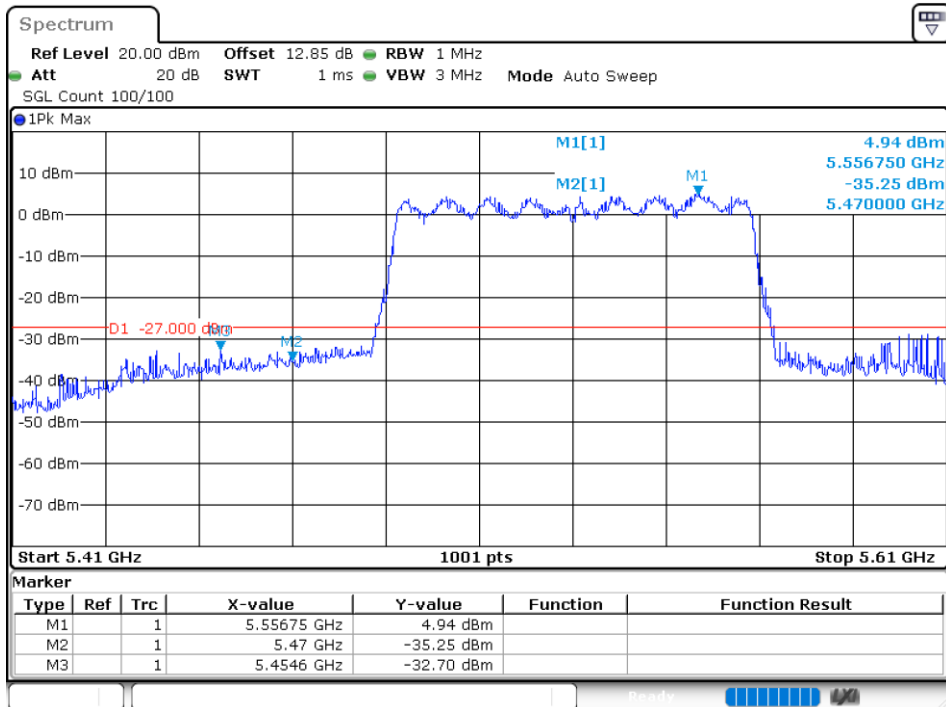
Band Edge NVNT ac40 5510MHz Low Ant1



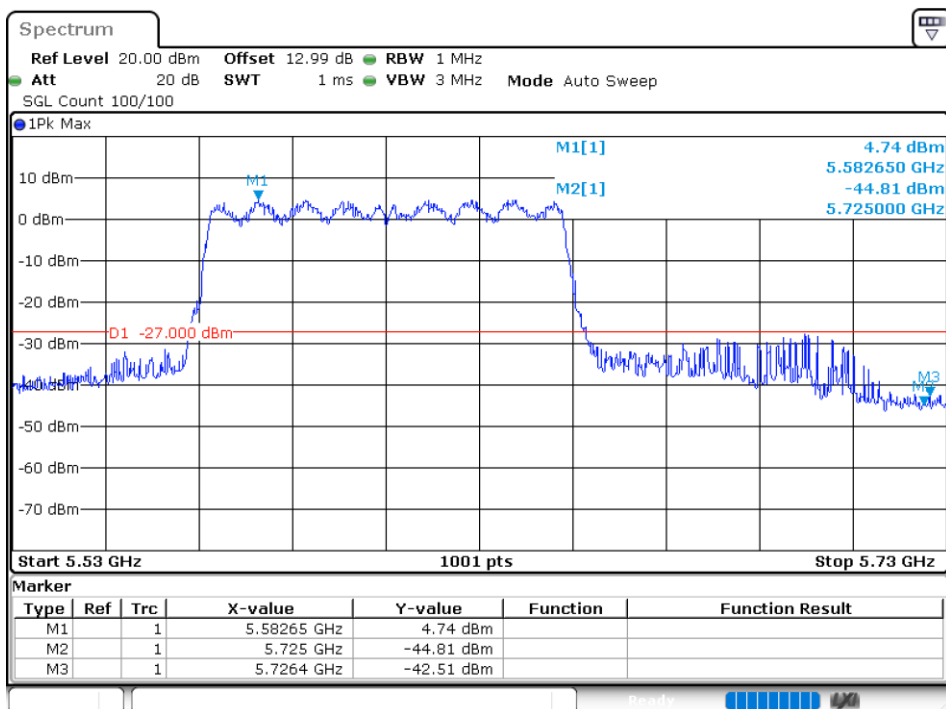
Band Edge NVNT ac40 5670MHz High Ant1



Band Edge NVNT ac80 5530MHz Low Ant1



Band Edge NVNT ac80 5610MHz High Ant1



Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5500	Ant1	-35.2	-27	Pass
NVNT	a	5600	Ant1	-34.53	-27	Pass
NVNT	a	5700	Ant1	-33.77	-27	Pass
NVNT	n20	5500	Ant1	-34.57	-27	Pass
NVNT	n20	5600	Ant1	-34.87	-27	Pass
NVNT	n20	5700	Ant1	-34.69	-27	Pass
NVNT	n40	5510	Ant1	-34.62	-27	Pass
NVNT	n40	5590	Ant1	-34.66	-27	Pass
NVNT	n40	5670	Ant1	-34.3	-27	Pass
NVNT	ac20	5500	Ant1	-34.88	-27	Pass
NVNT	ac20	5600	Ant1	-34.98	-27	Pass
NVNT	ac20	5700	Ant1	-34.72	-27	Pass
NVNT	ac40	5510	Ant1	-35.07	-27	Pass
NVNT	ac40	5590	Ant1	-34.74	-27	Pass
NVNT	ac40	5670	Ant1	-34.13	-27	Pass
NVNT	ac80	5530	Ant1	-34.72	-27	Pass
NVNT	ac80	5610	Ant1	-35.27	-27	Pass