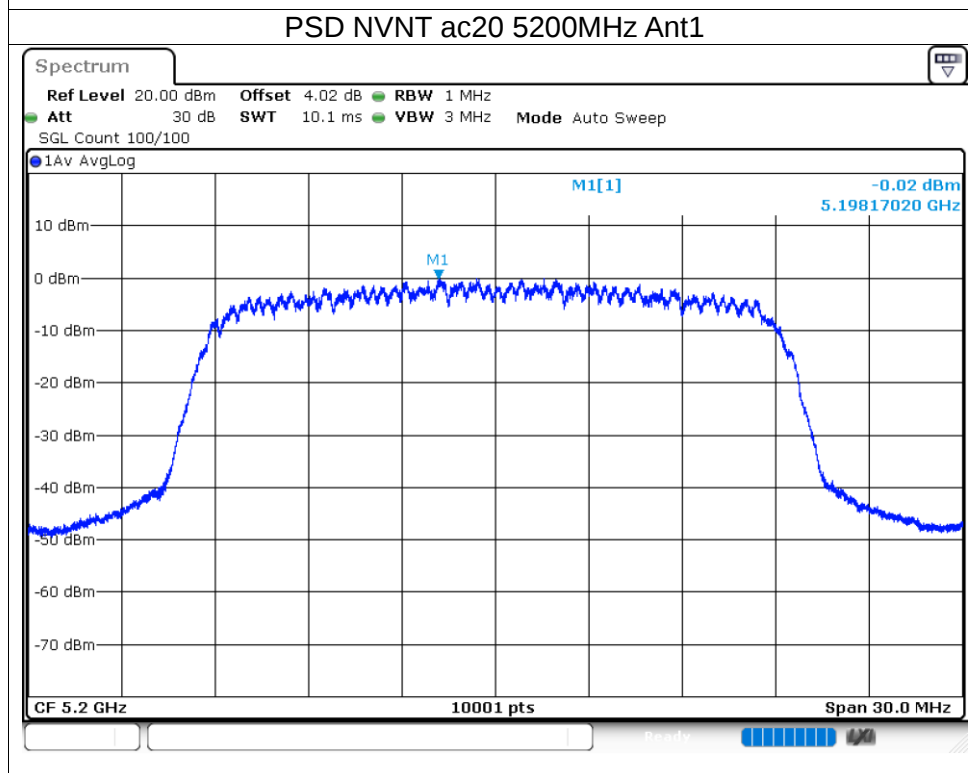
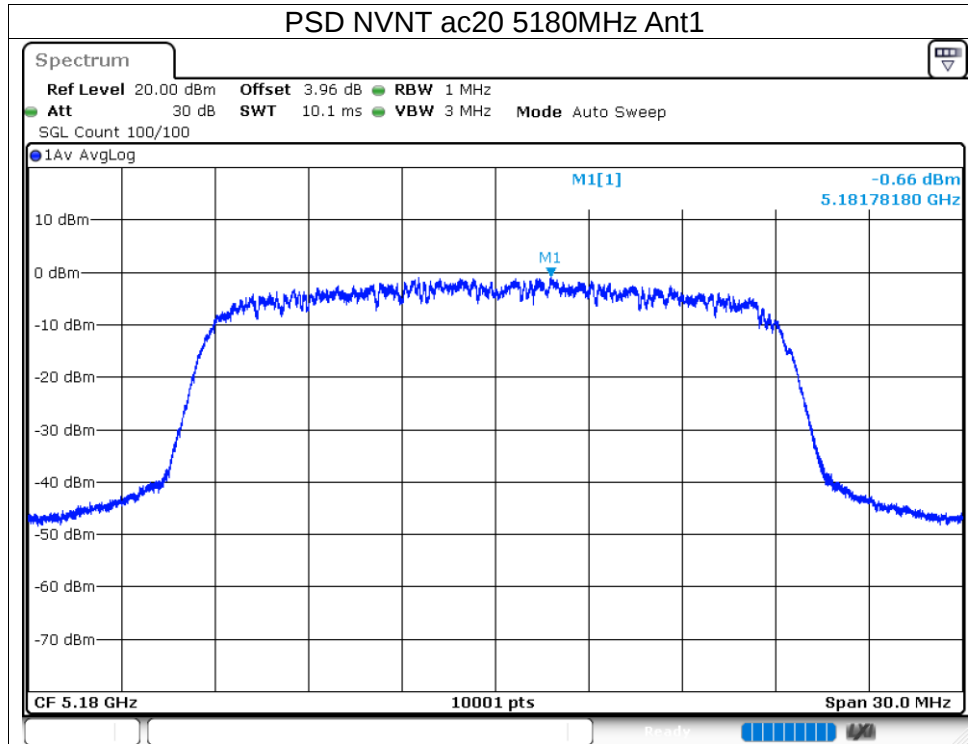
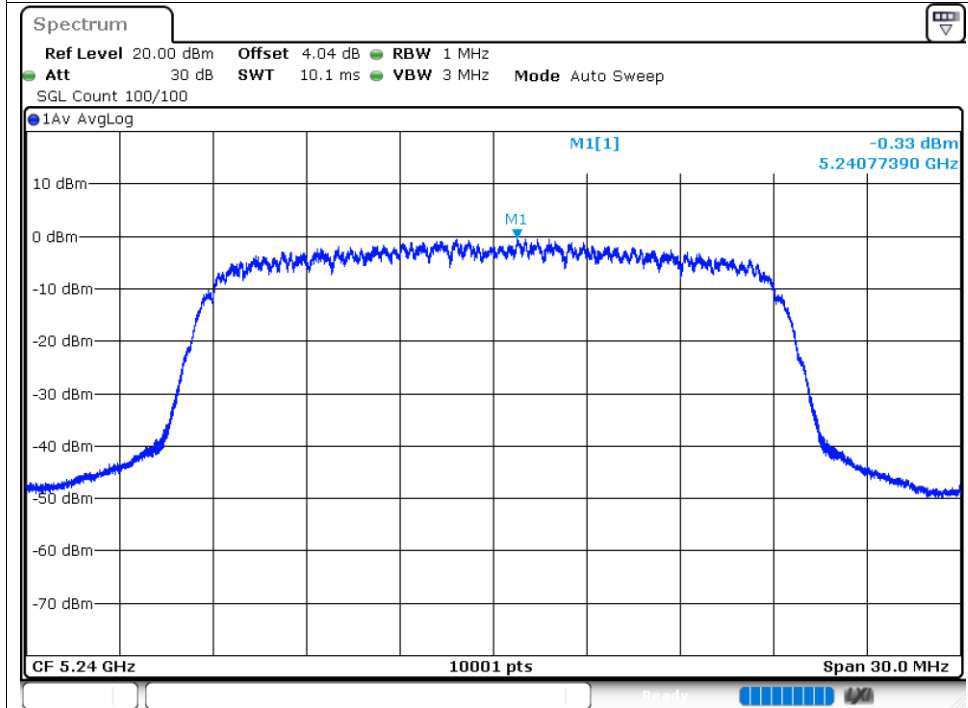
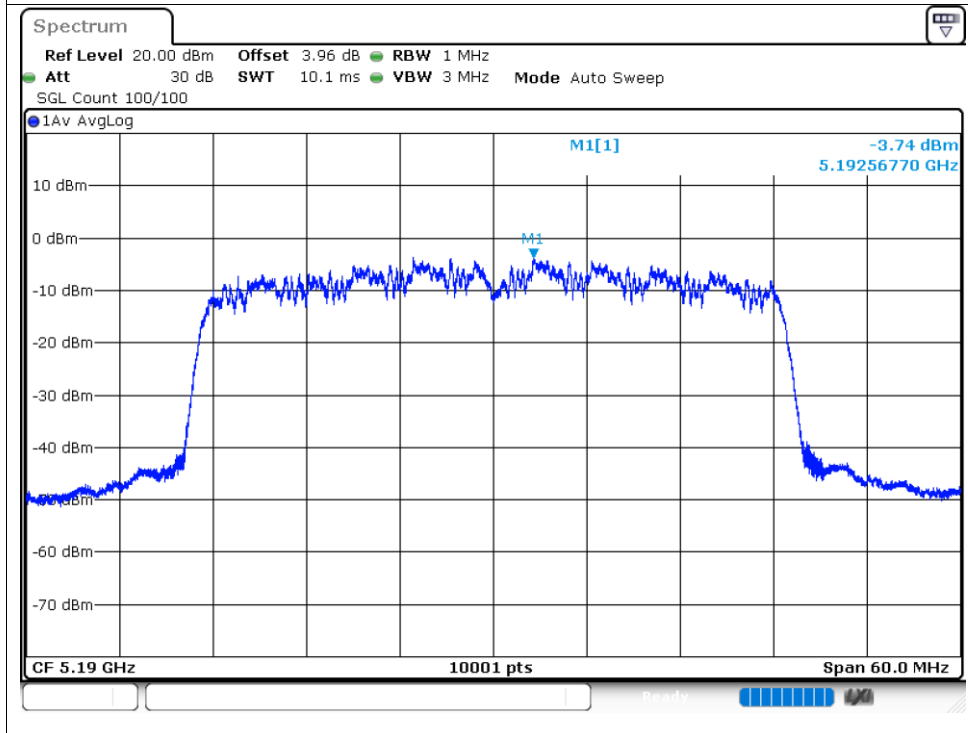


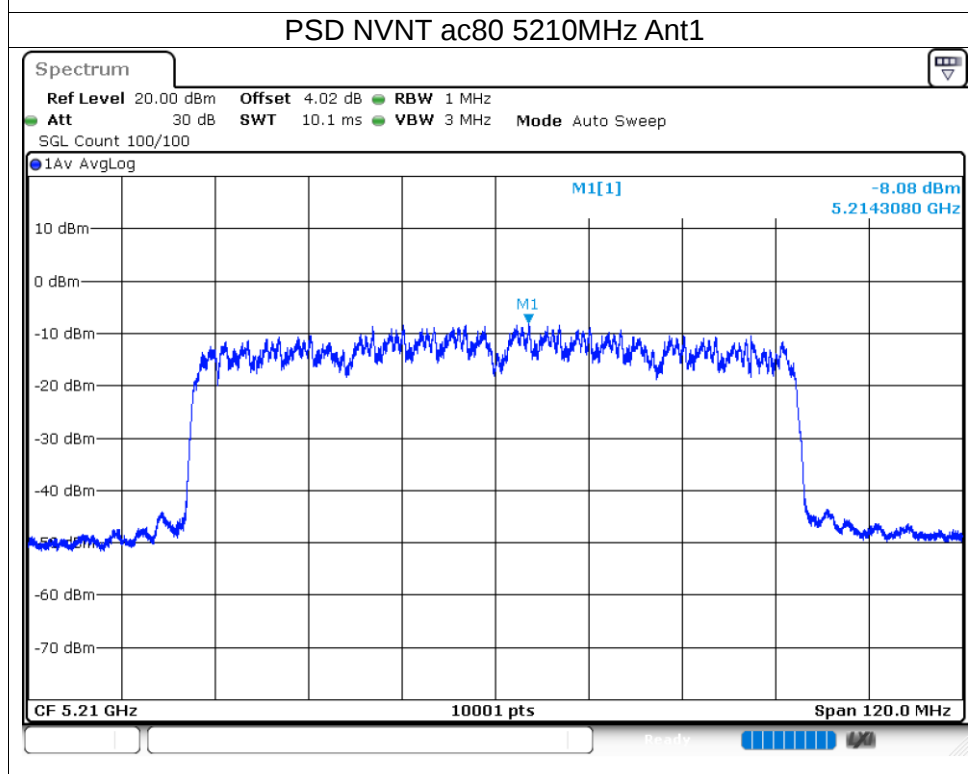
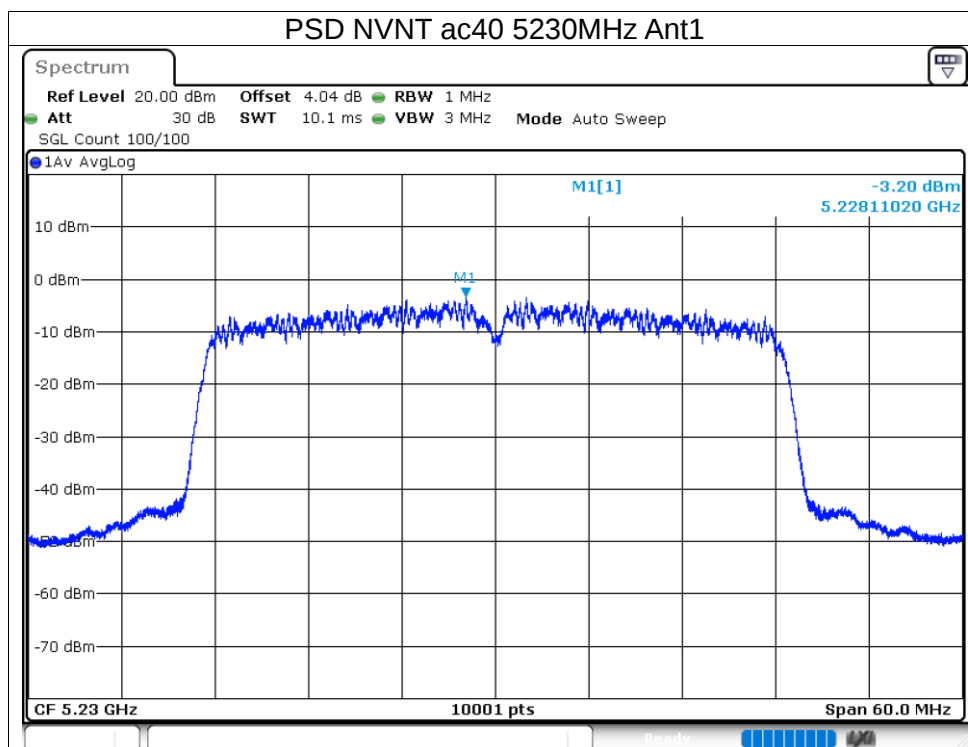


PSD NVNT ac20 5240MHz Ant1



PSD NVNT ac40 5190MHz Ant1



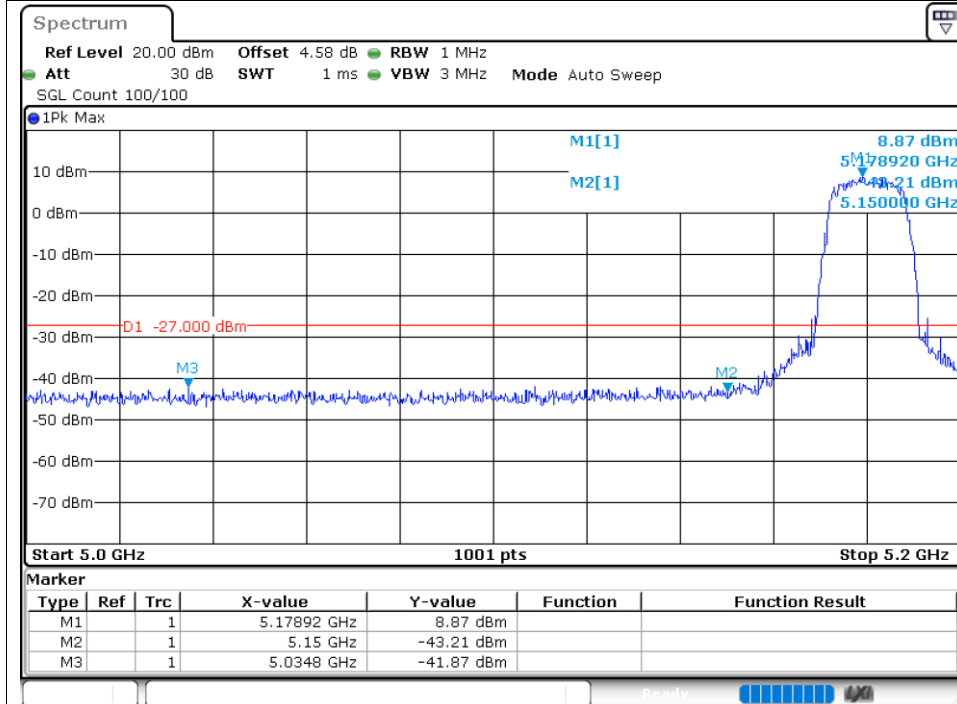


5.6 BAND EDGE

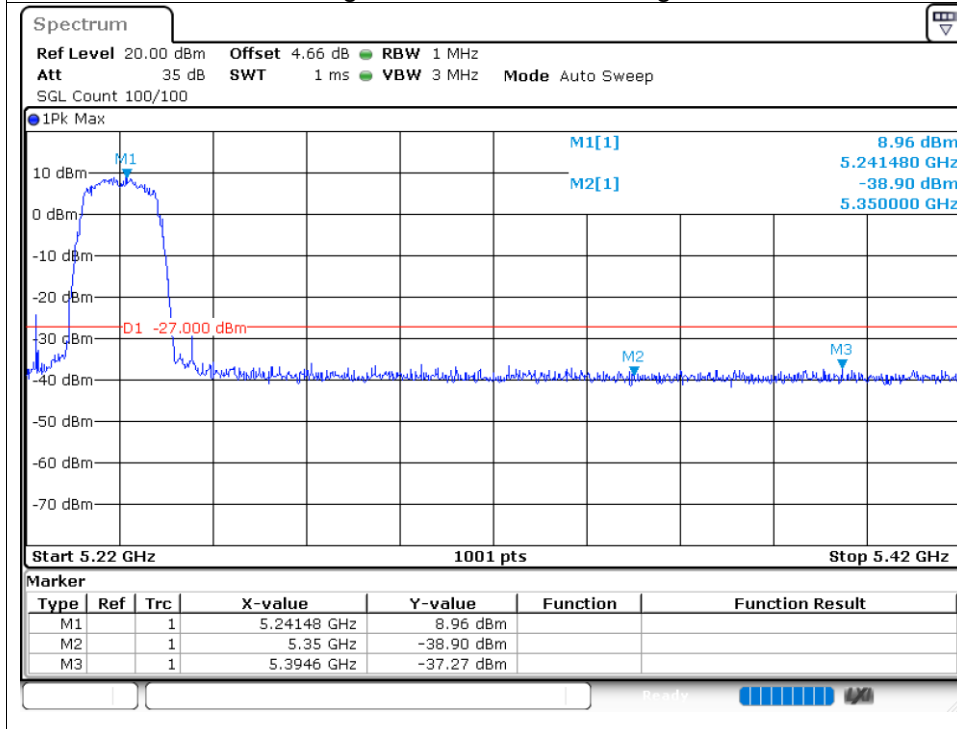
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-41.86	-27	Pass
NVNT	a	5240	Ant1	-37.26	-27	Pass
NVNT	n20	5180	Ant1	-34.26	-27	Pass
NVNT	n20	5240	Ant1	-36.03	-27	Pass
NVNT	n40	5190	Ant1	-31.37	-27	Pass
NVNT	n40	5230	Ant1	-35.93	-27	Pass
NVNT	ac20	5180	Ant1	-36.14	-27	Pass
NVNT	ac20	5240	Ant1	-36.9	-27	Pass
NVNT	ac40	5190	Ant1	-36.06	-27	Pass
NVNT	ac40	5230	Ant1	-36.38	-27	Pass
NVNT	ac80	5210	Ant1	-36.75	-27	Pass

Test Graphs

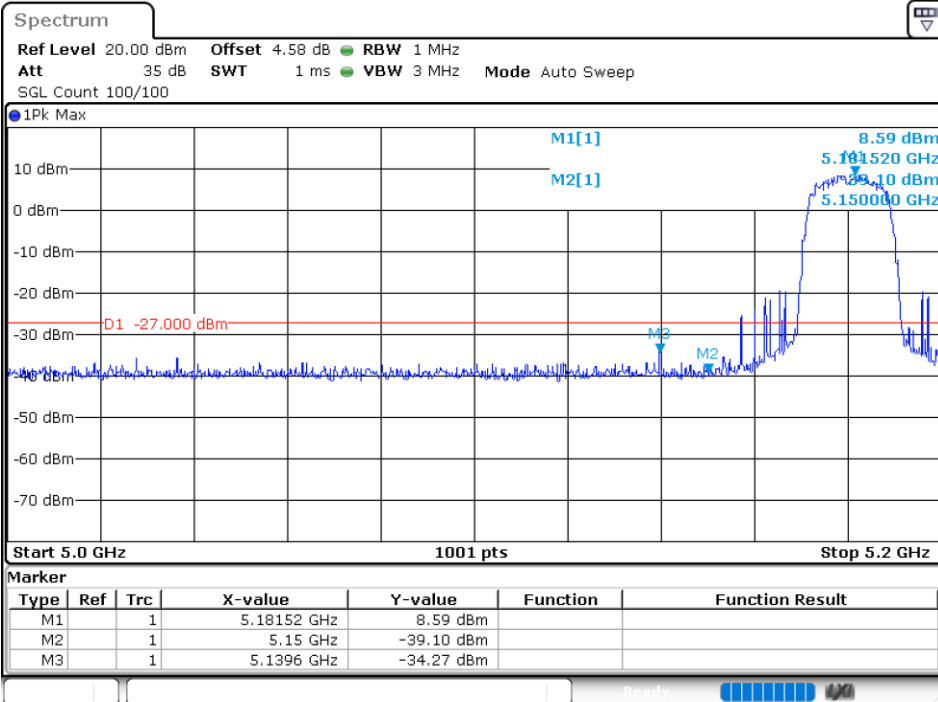
Band Edge NVNT a 5180MHz Low Ant1



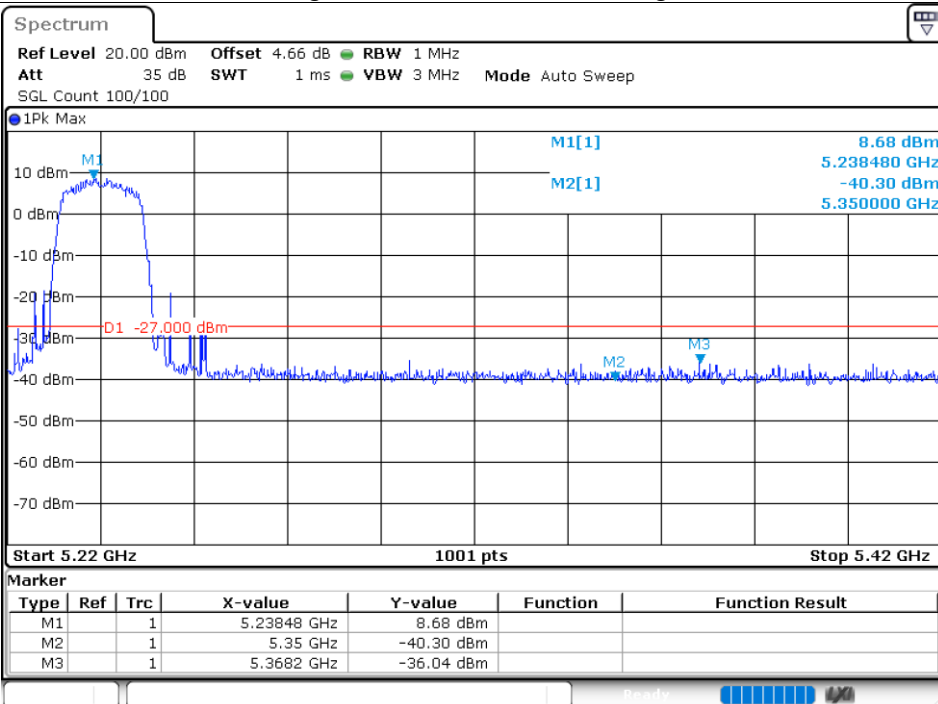
Band Edge NVNT a 5240MHz High Ant1



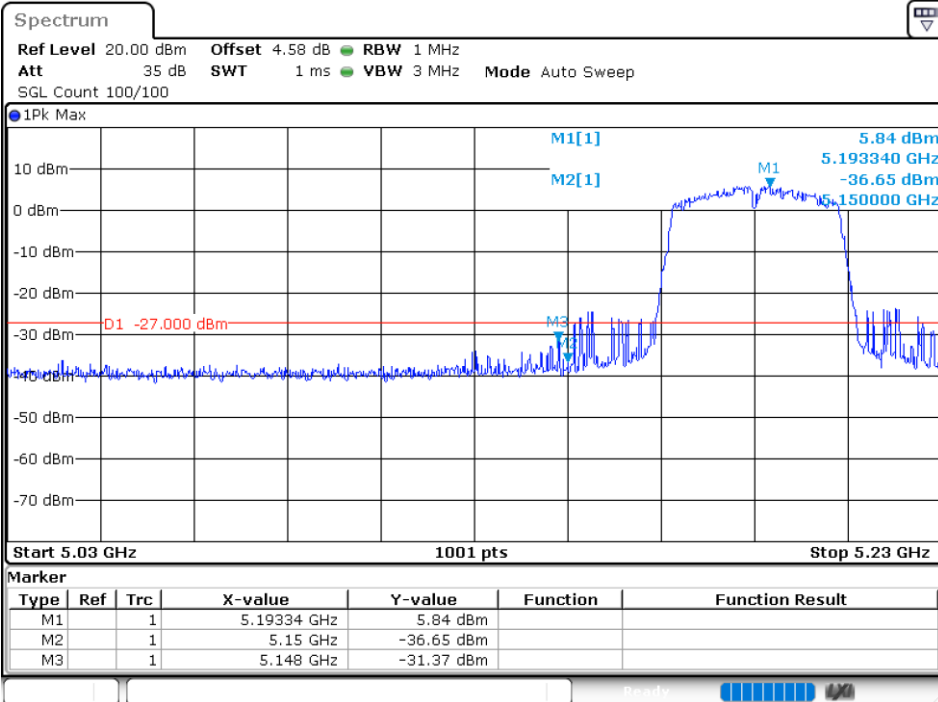
Band Edge NVNT n20 5180MHz Low Ant1



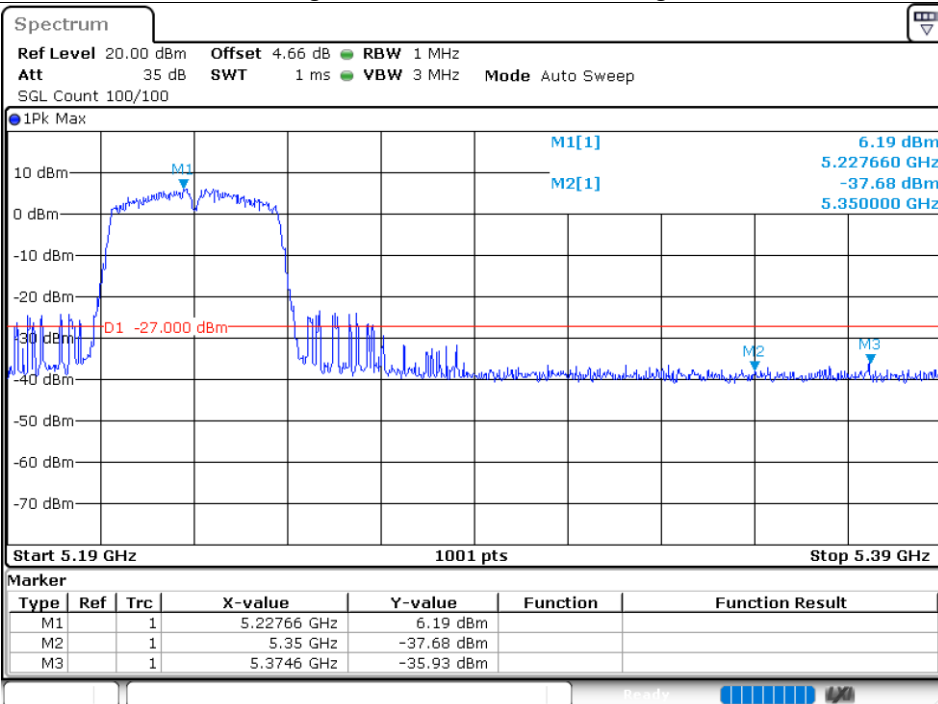
Band Edge NVNT n20 5240MHz High Ant1

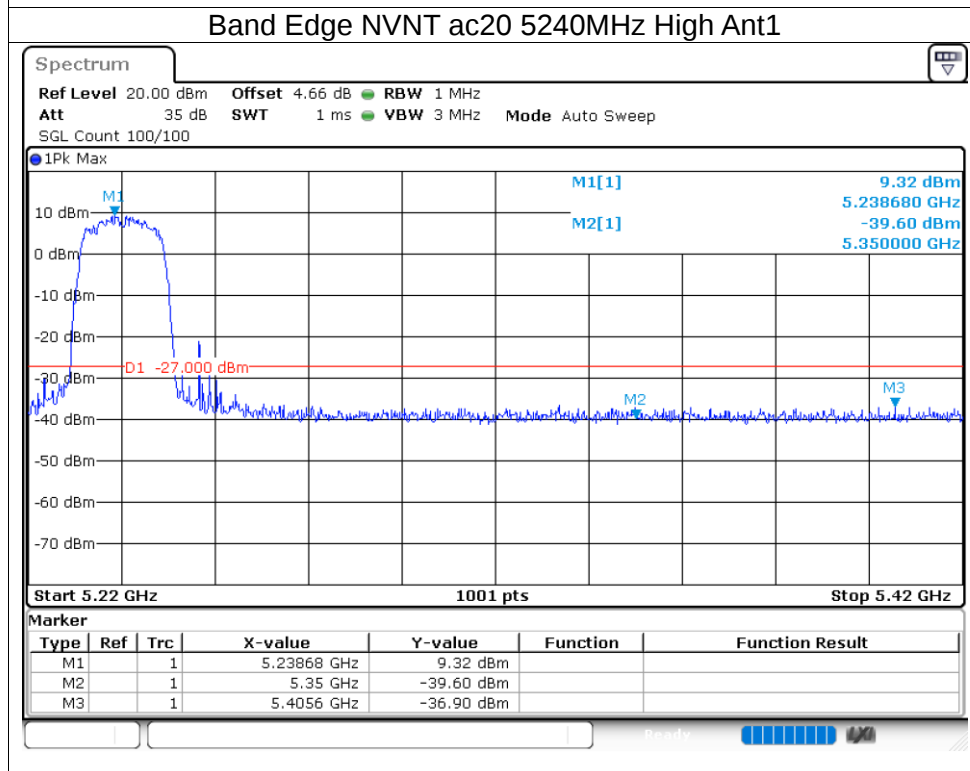
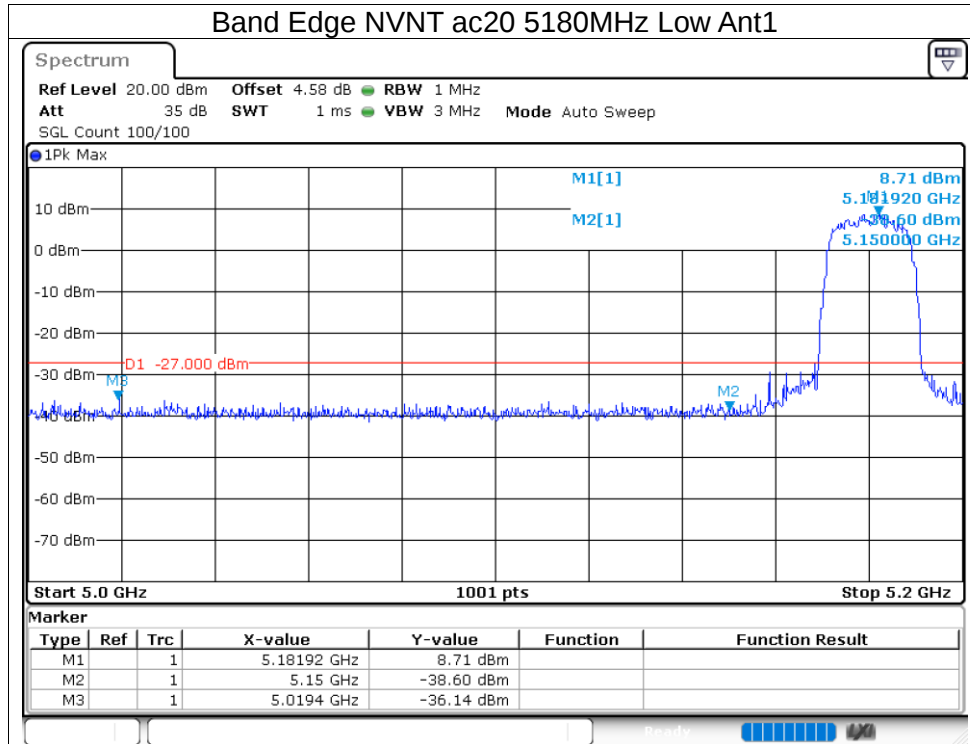


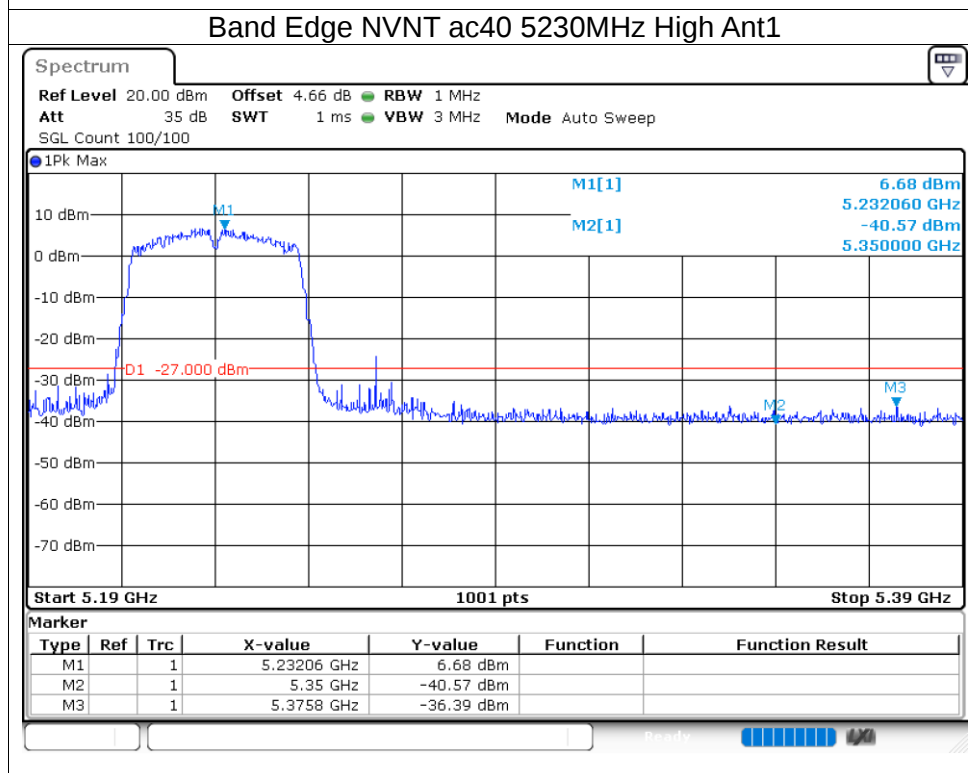
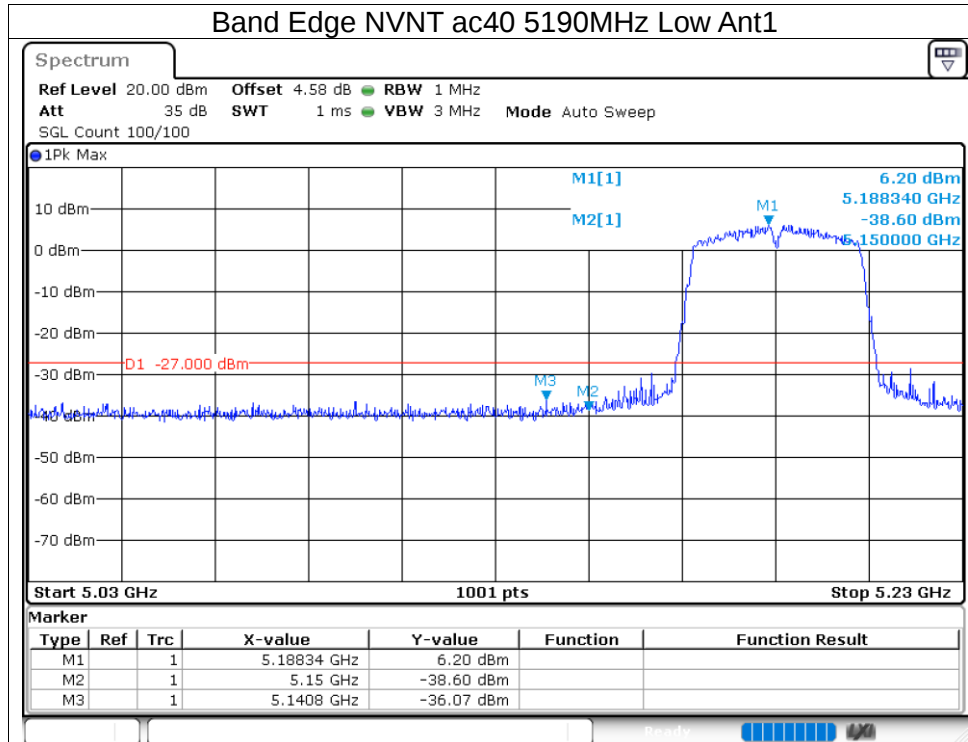
Band Edge NVNT n40 5190MHz Low Ant1

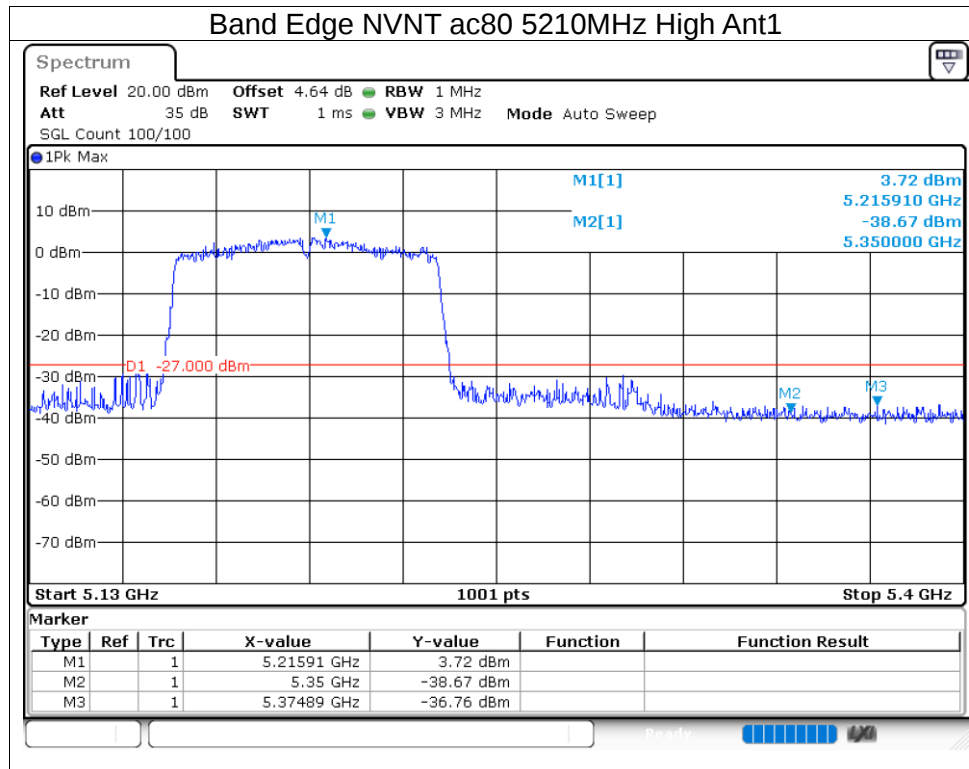


Band Edge NVNT n40 5230MHz High Ant1



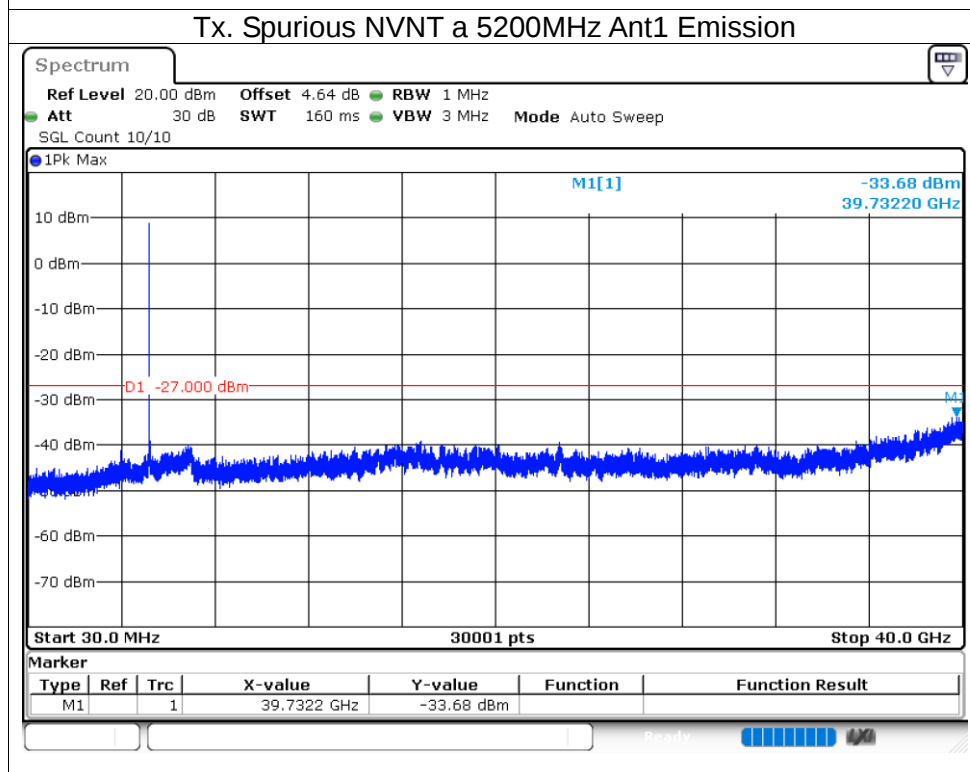
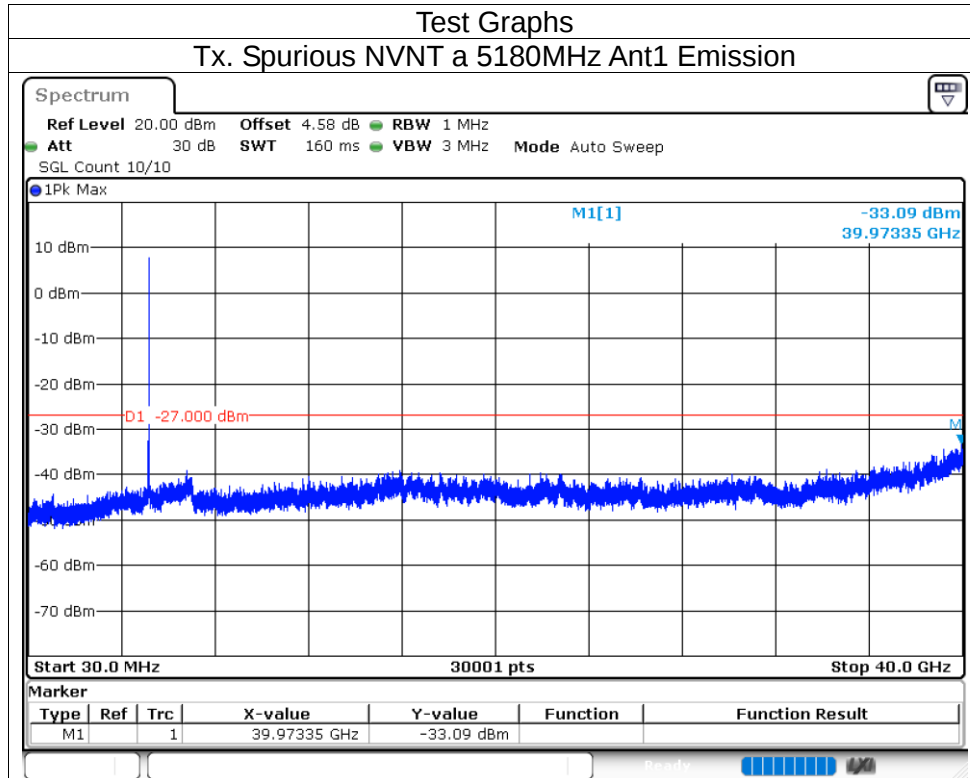




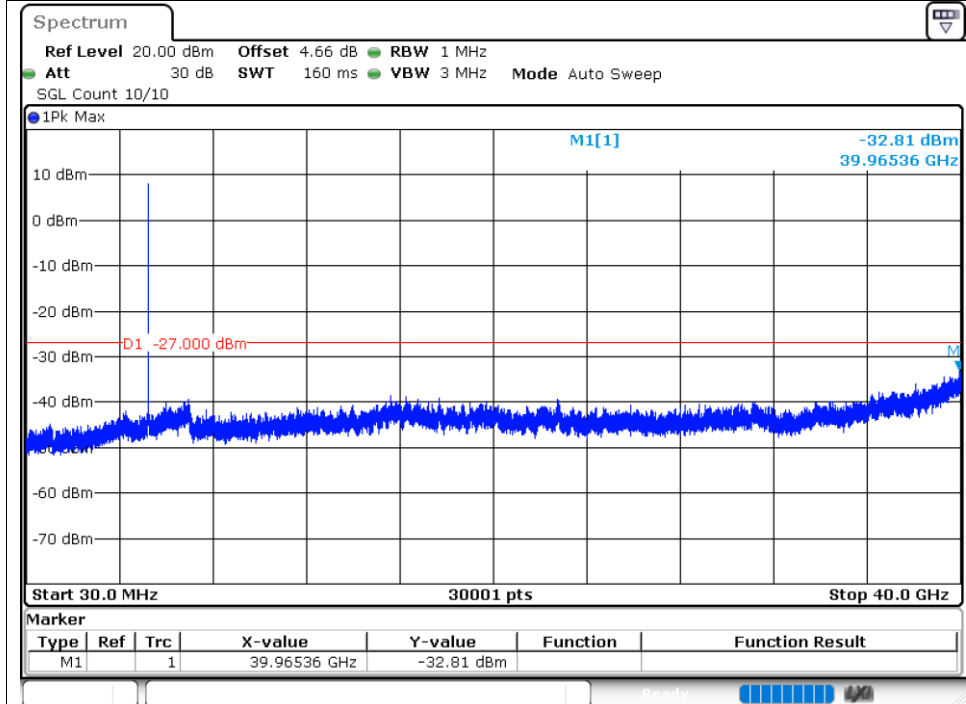


5.7 CONDUCTED RF SPURIOUS EMISSION

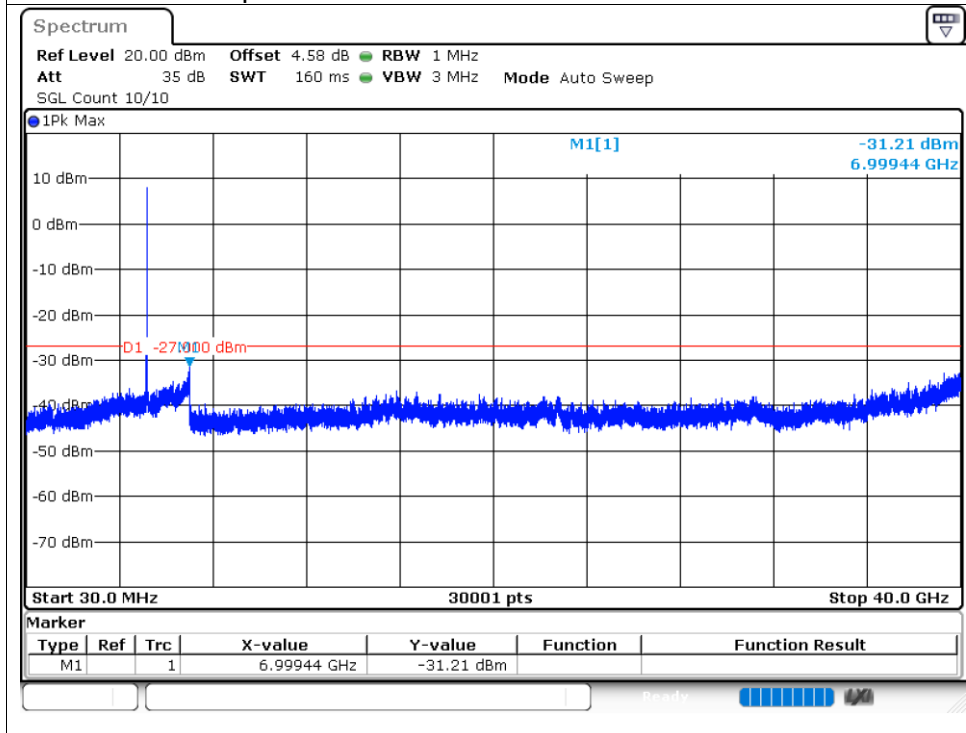
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-33.09	-27	Pass
NVNT	a	5200	Ant1	-33.68	-27	Pass
NVNT	a	5240	Ant1	-32.8	-27	Pass
NVNT	n20	5180	Ant1	-31.2	-27	Pass
NVNT	n20	5200	Ant1	-32.29	-27	Pass
NVNT	n20	5240	Ant1	-32.15	-27	Pass
NVNT	n40	5190	Ant1	-31.75	-27	Pass
NVNT	n40	5230	Ant1	-32.08	-27	Pass
NVNT	ac20	5180	Ant1	-32.32	-27	Pass
NVNT	ac20	5200	Ant1	-32.47	-27	Pass
NVNT	ac20	5240	Ant1	-33.32	-27	Pass
NVNT	ac40	5190	Ant1	-32.82	-27	Pass
NVNT	ac40	5230	Ant1	-32.96	-27	Pass
NVNT	ac80	5210	Ant1	-32.65	-27	Pass

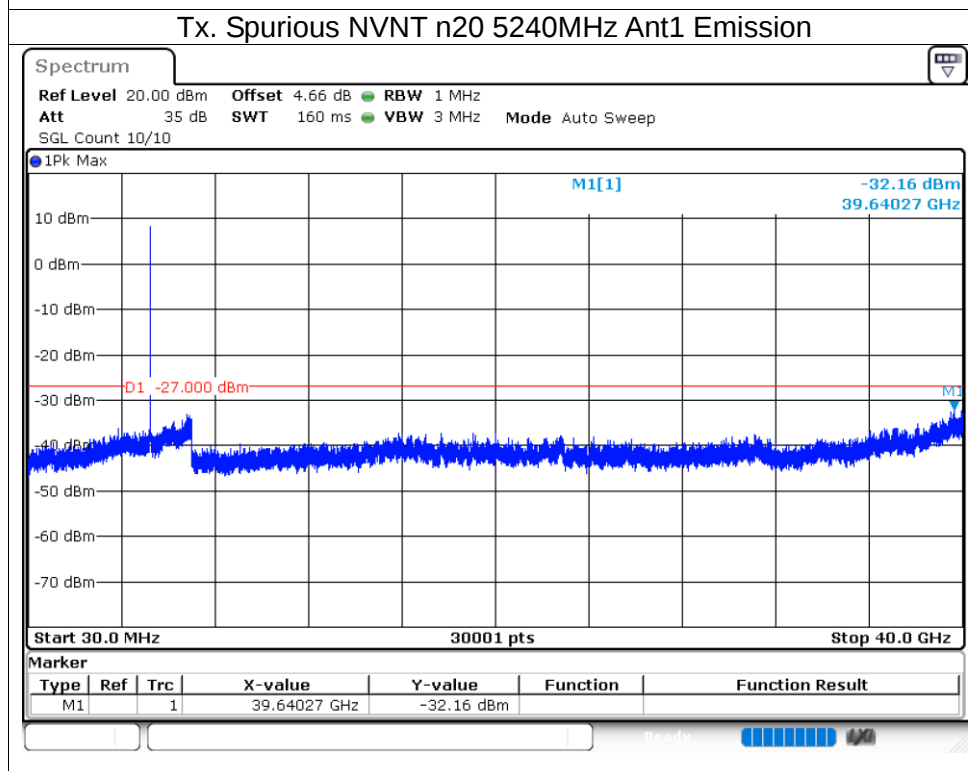
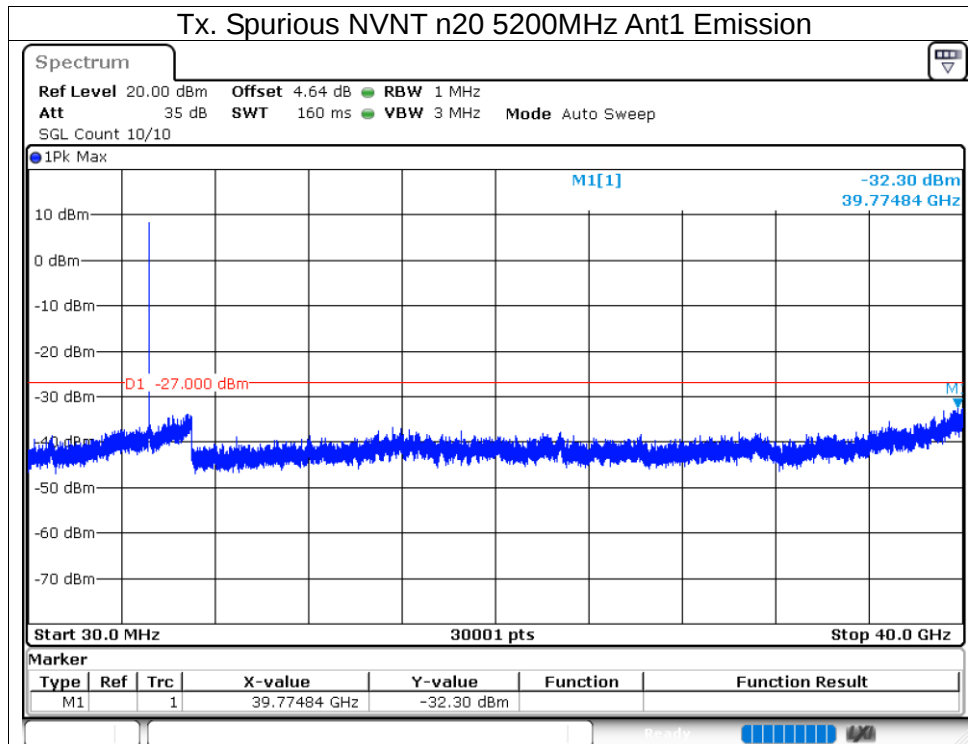


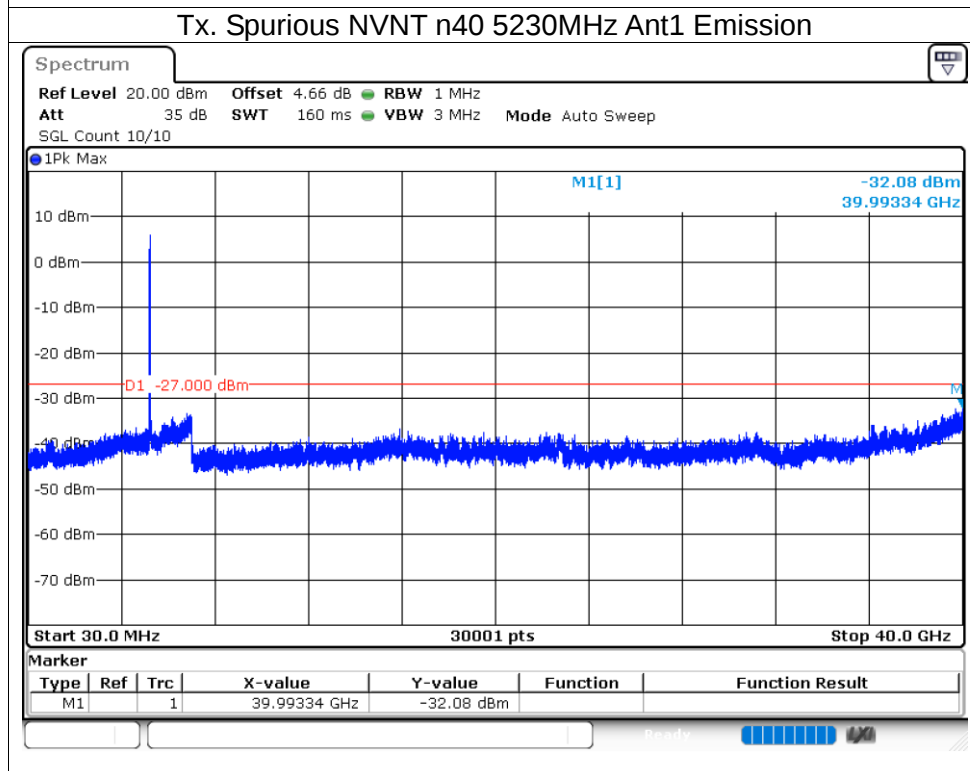
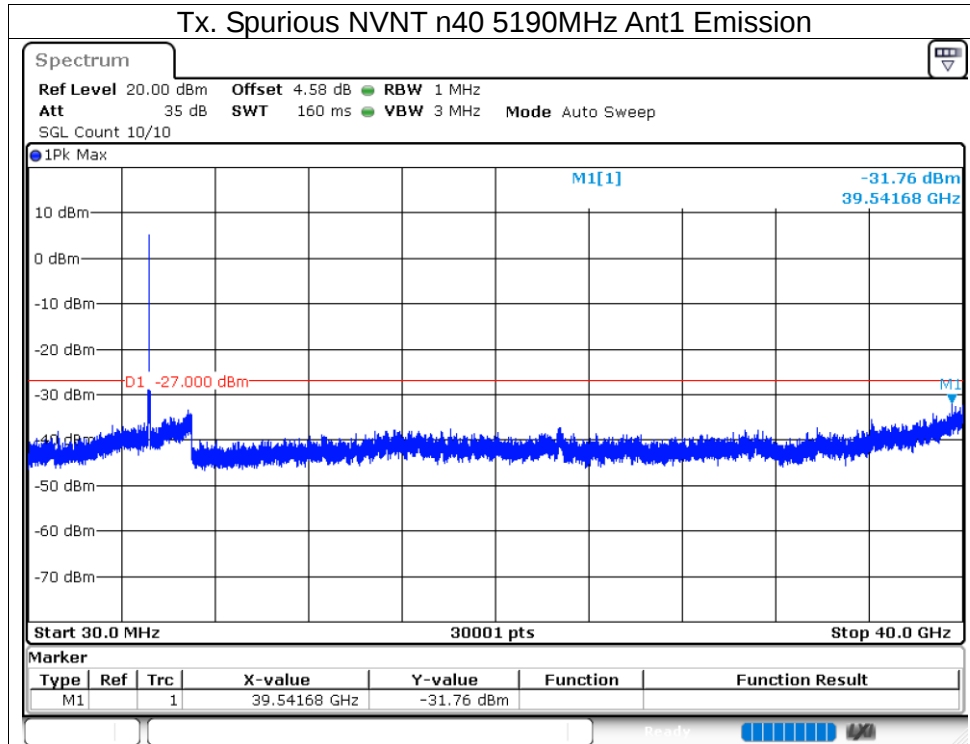
Tx. Spurious NVNT a 5240MHz Ant1 Emission

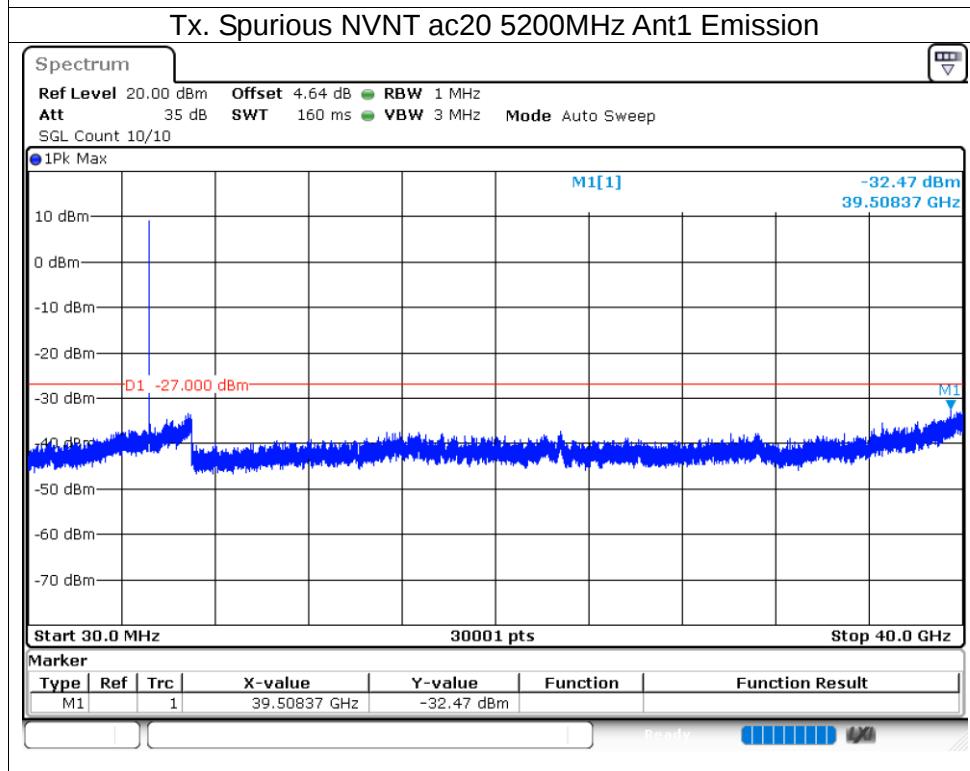
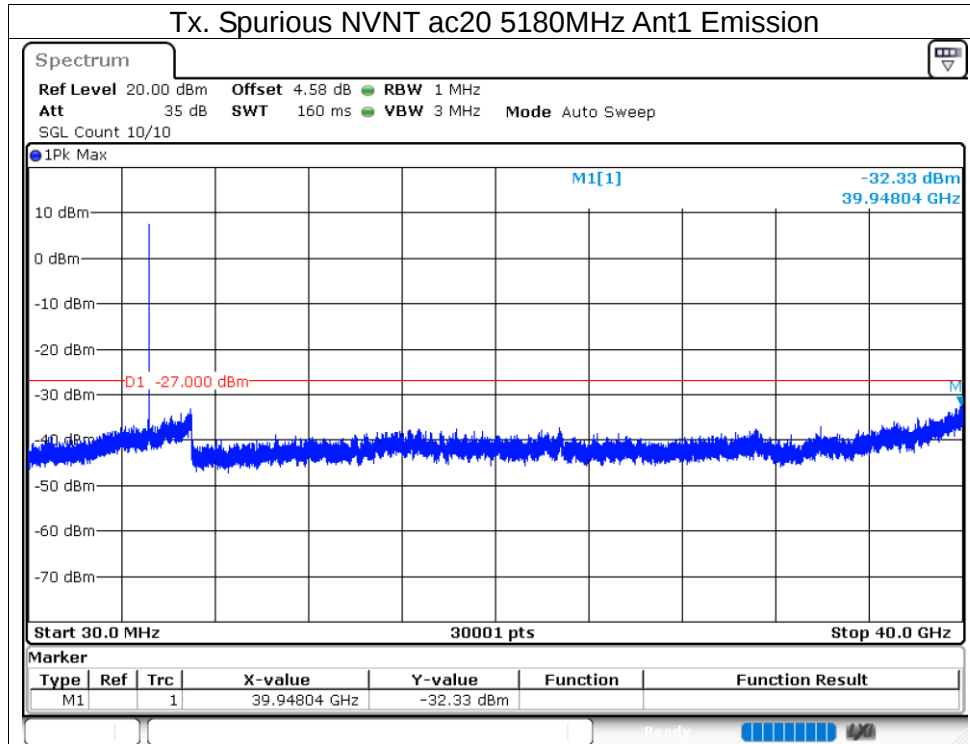


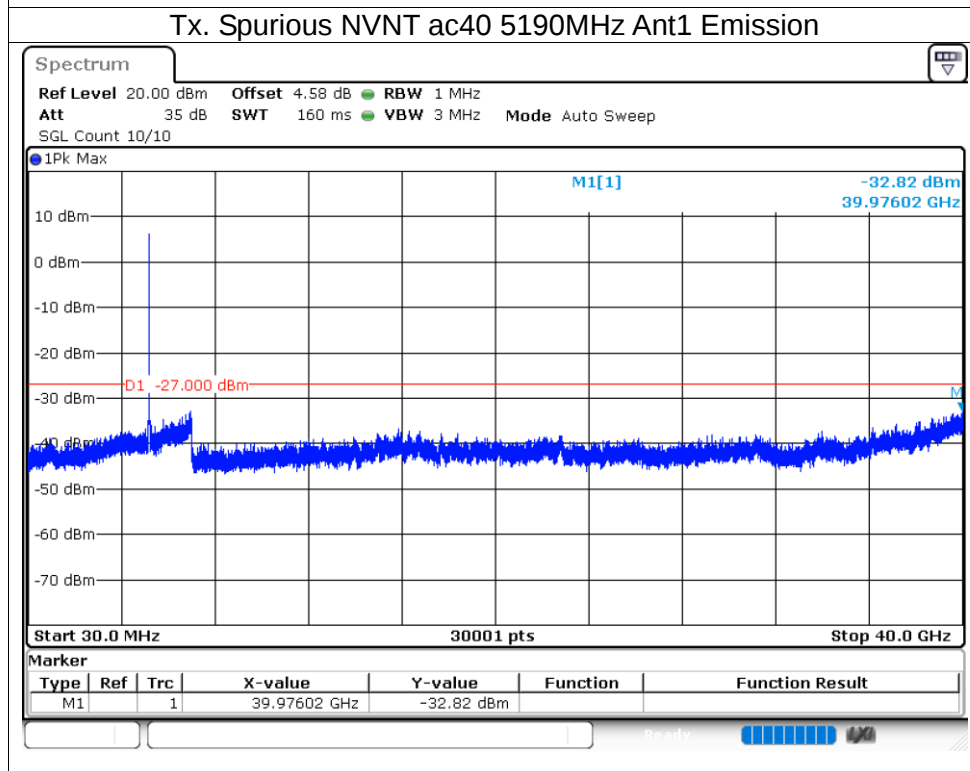
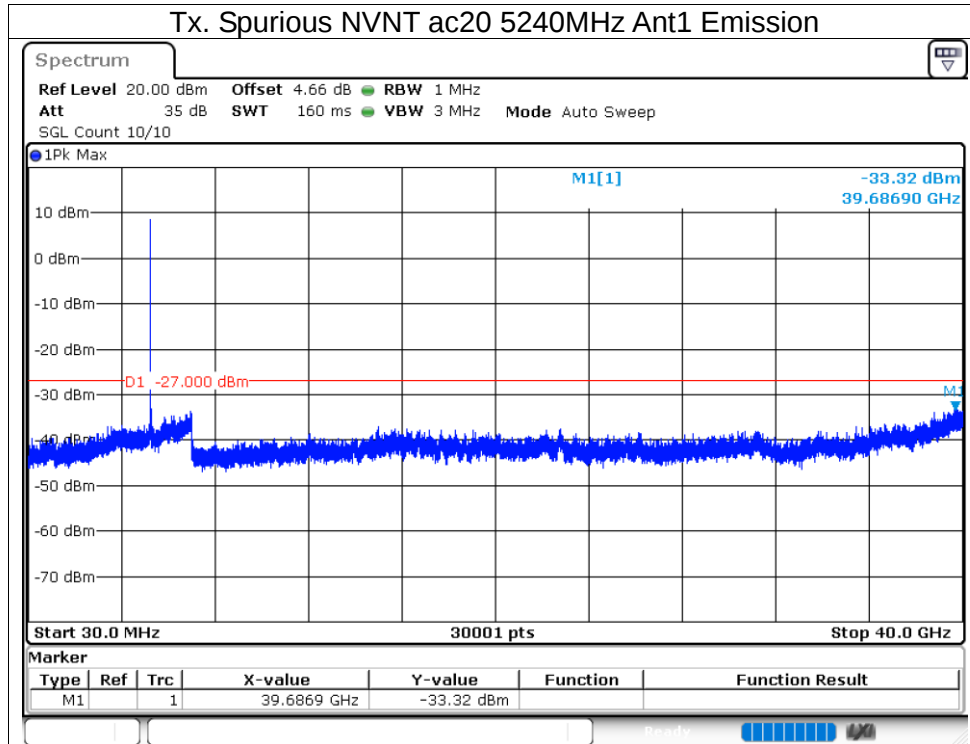
Tx. Spurious NVNT n20 5180MHz Ant1 Emission

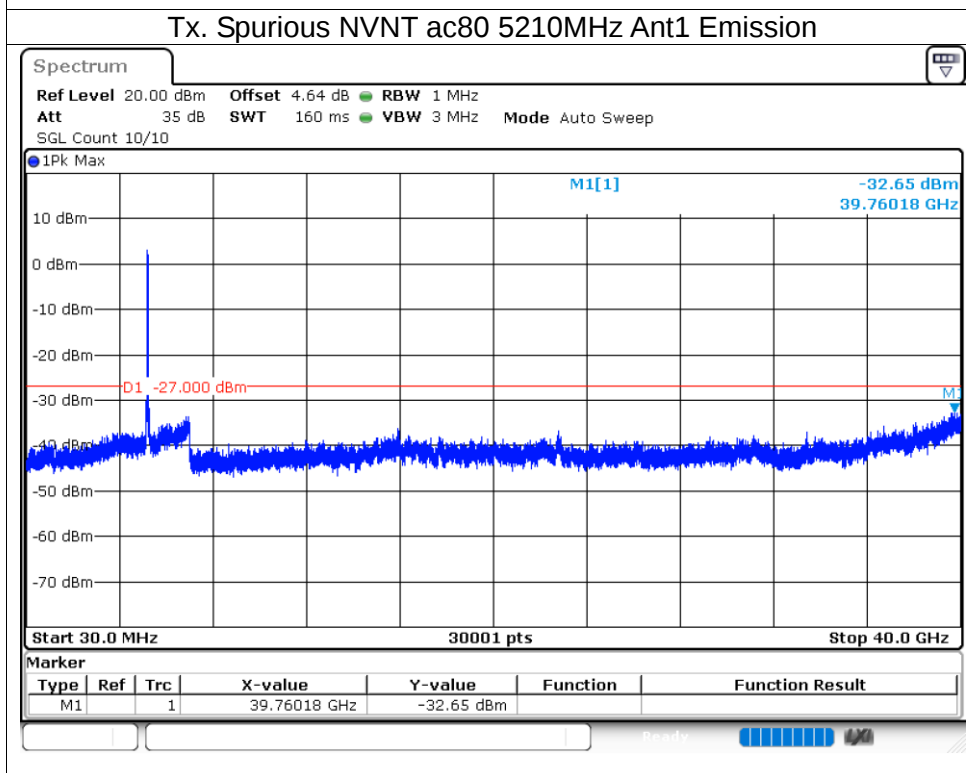
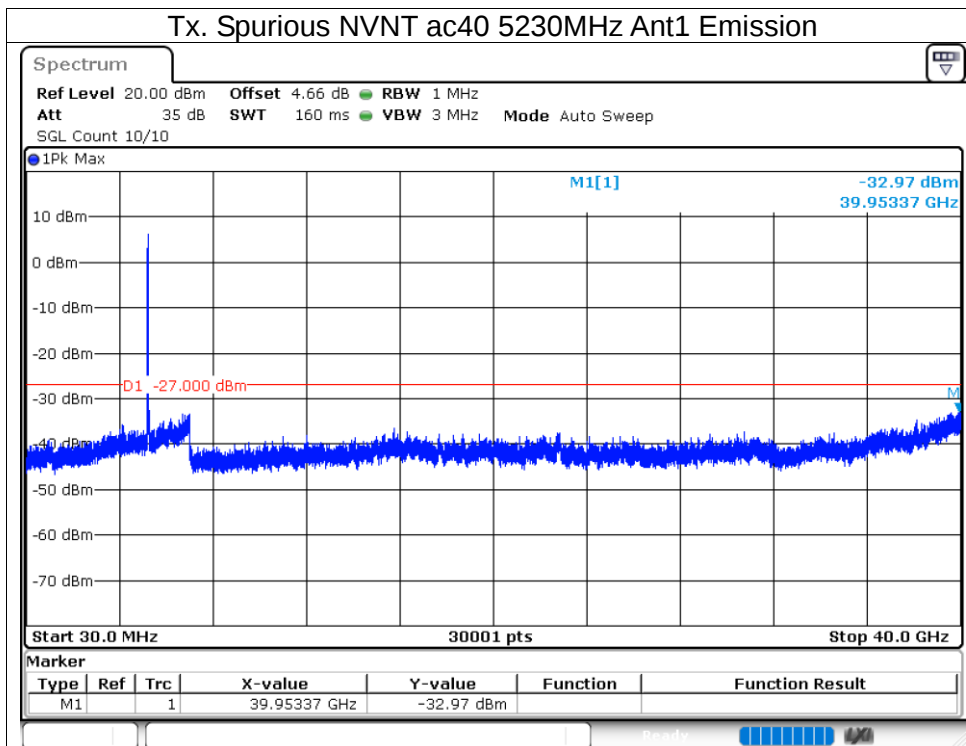








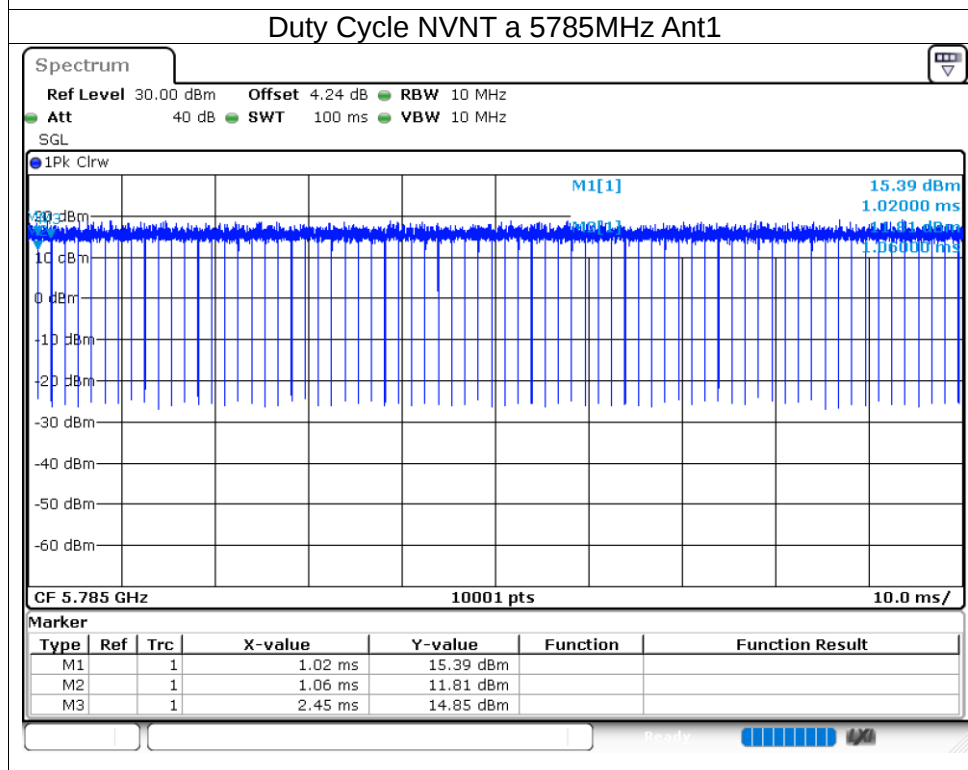
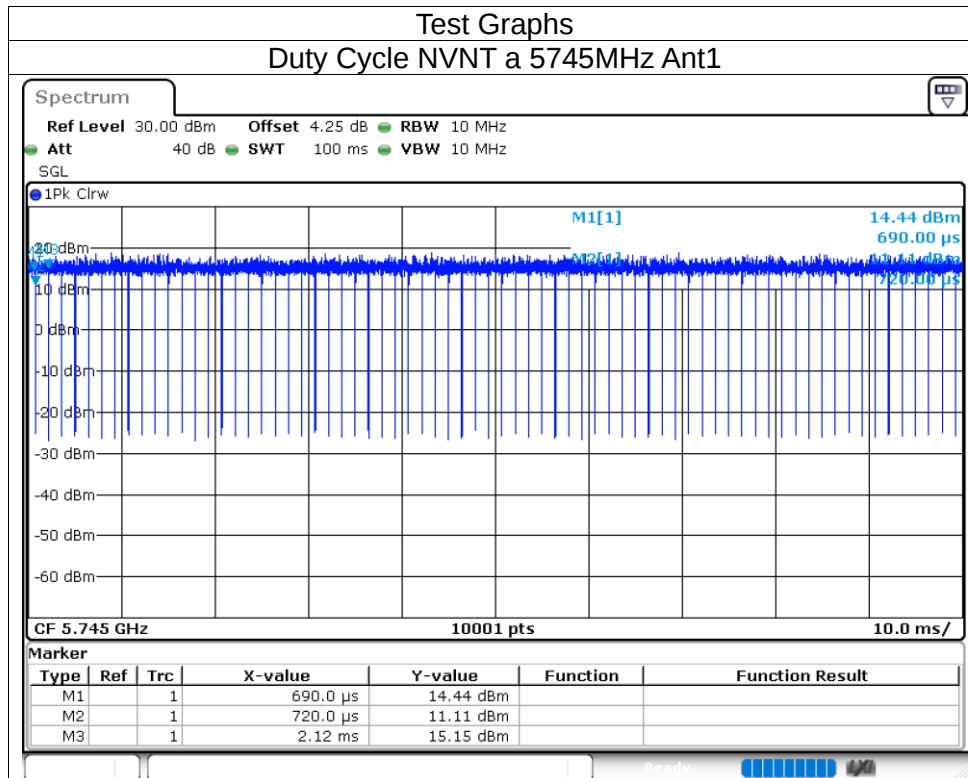


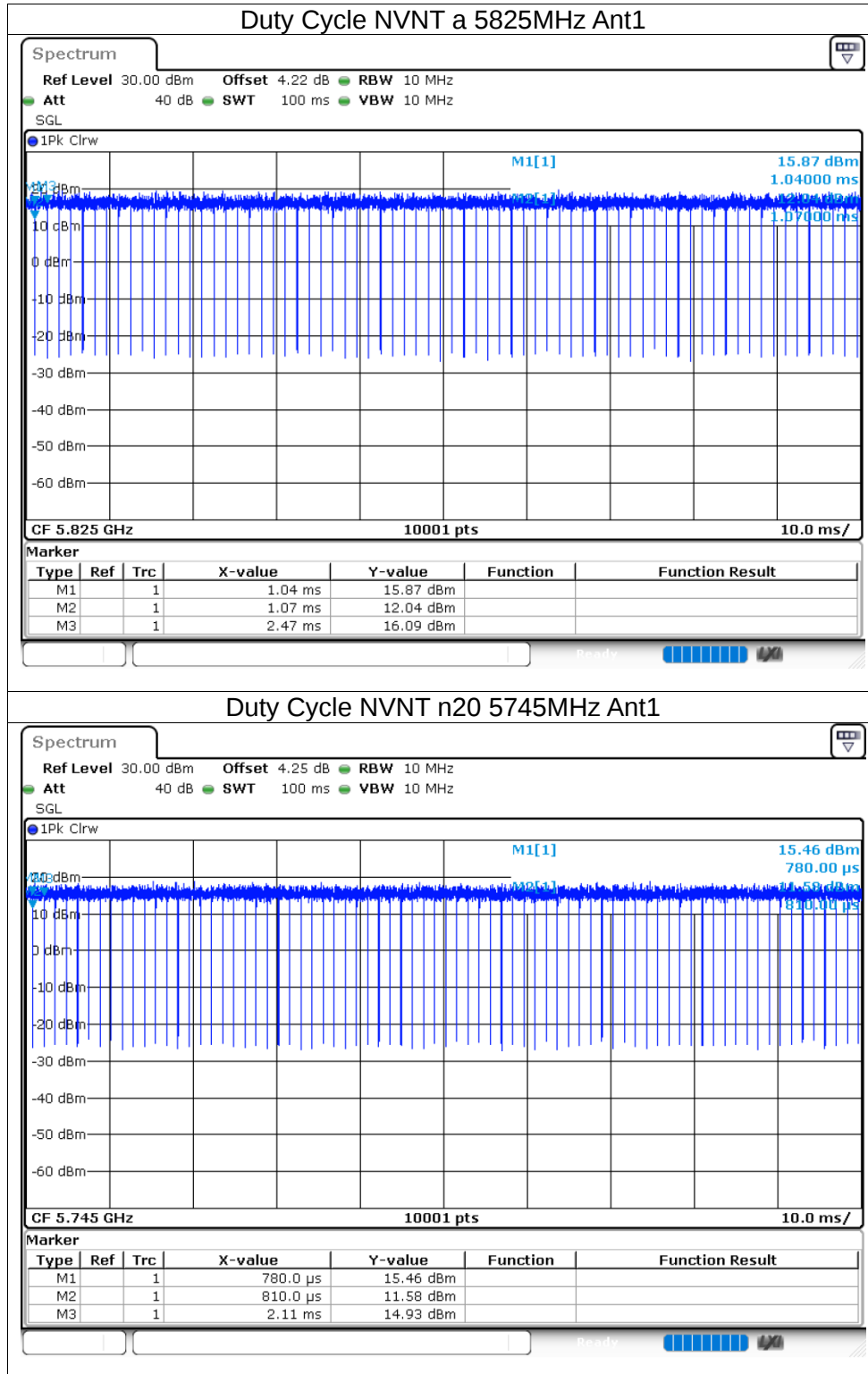


5.8G WIFI

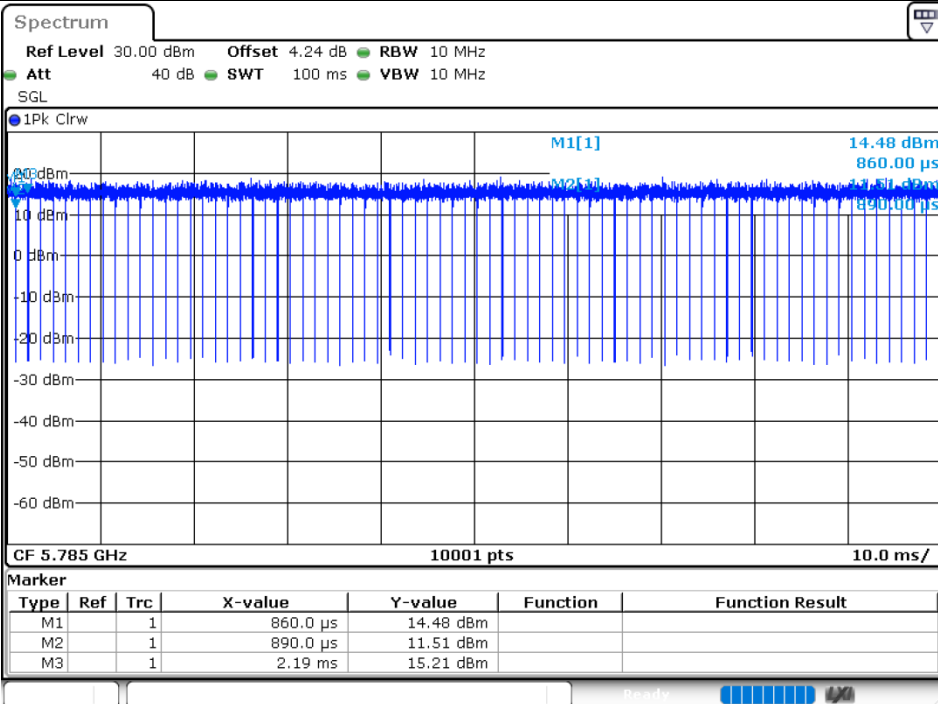
5.1 DUTY CYCLE

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	98.2	0.08	0.71
NVNT	a	5785	Ant1	98.18	0.08	0.72
NVNT	a	5825	Ant1	98.18	0.08	0.71
NVNT	n20	5745	Ant1	98.06	0.09	0.77
NVNT	n20	5785	Ant1	98.06	0.09	0.77
NVNT	n20	5825	Ant1	98.06	0.09	0.77
NVNT	n40	5755	Ant1	96.33	0.16	1.54
NVNT	n40	5795	Ant1	96.37	0.16	1.54
NVNT	ac20	5745	Ant1	98.07	0.08	0.76
NVNT	ac20	5785	Ant1	98.04	0.09	0.76
NVNT	ac20	5825	Ant1	98.07	0.08	0.76
NVNT	ac40	5755	Ant1	96.37	0.16	1.52
NVNT	ac40	5795	Ant1	96.37	0.16	1.54
NVNT	ac80	5775	Ant1	93.14	0.31	3.03

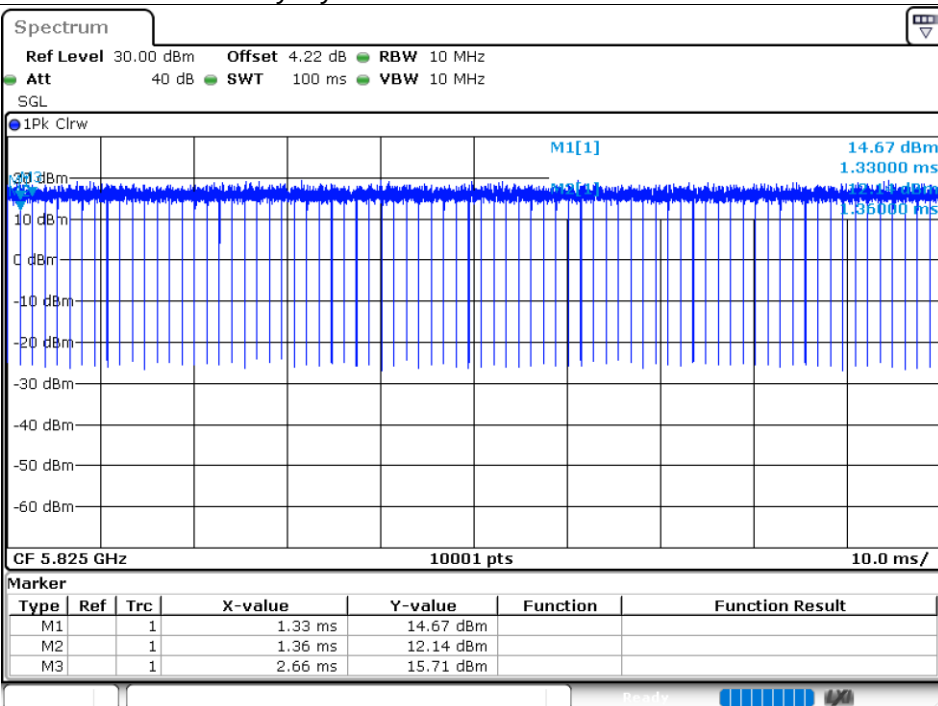


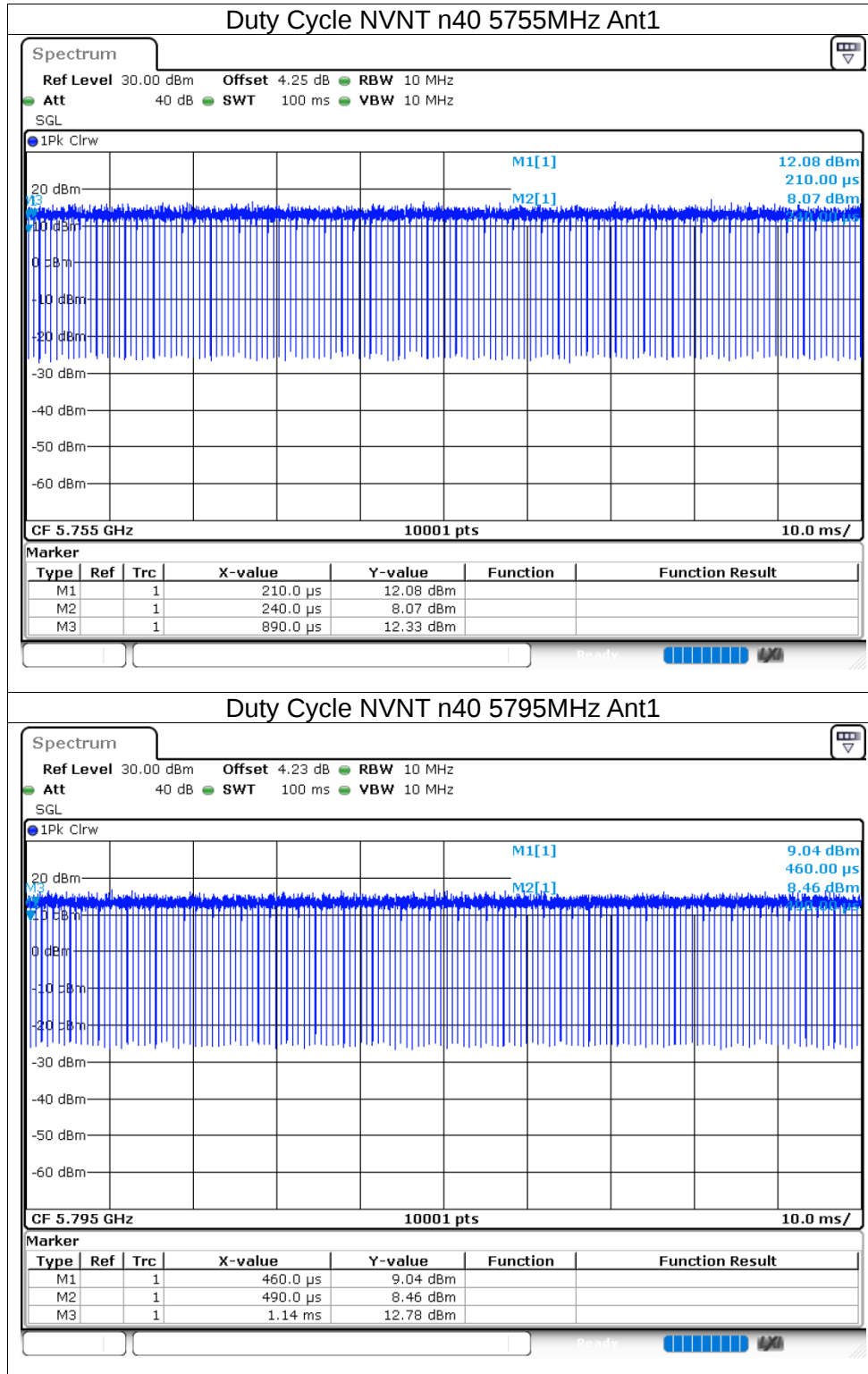


Duty Cycle NVNT n20 5785MHz Ant1

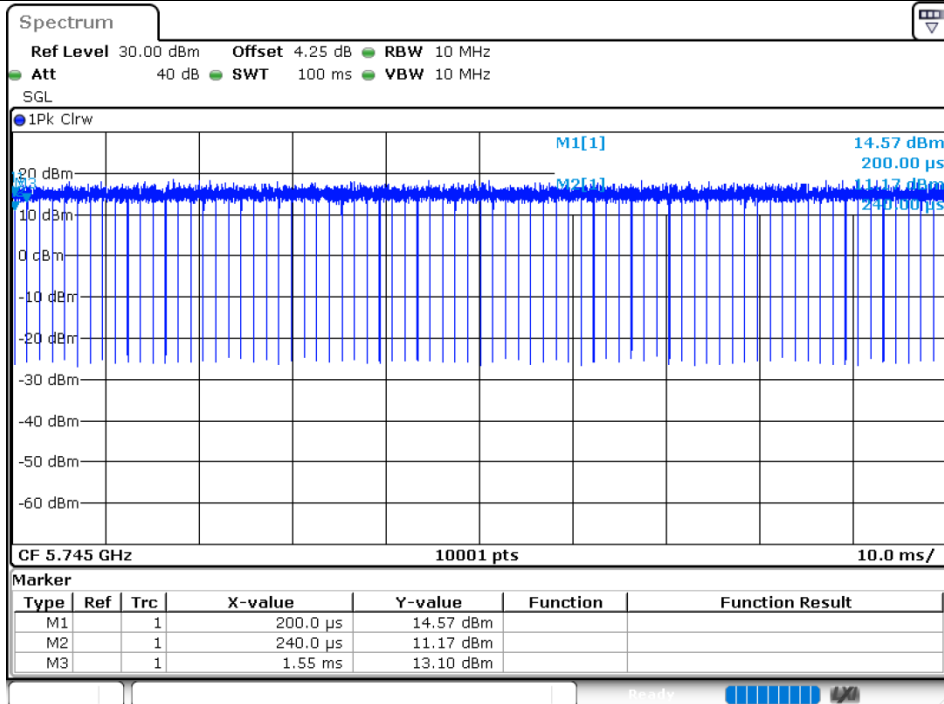


Duty Cycle NVNT n20 5825MHz Ant1

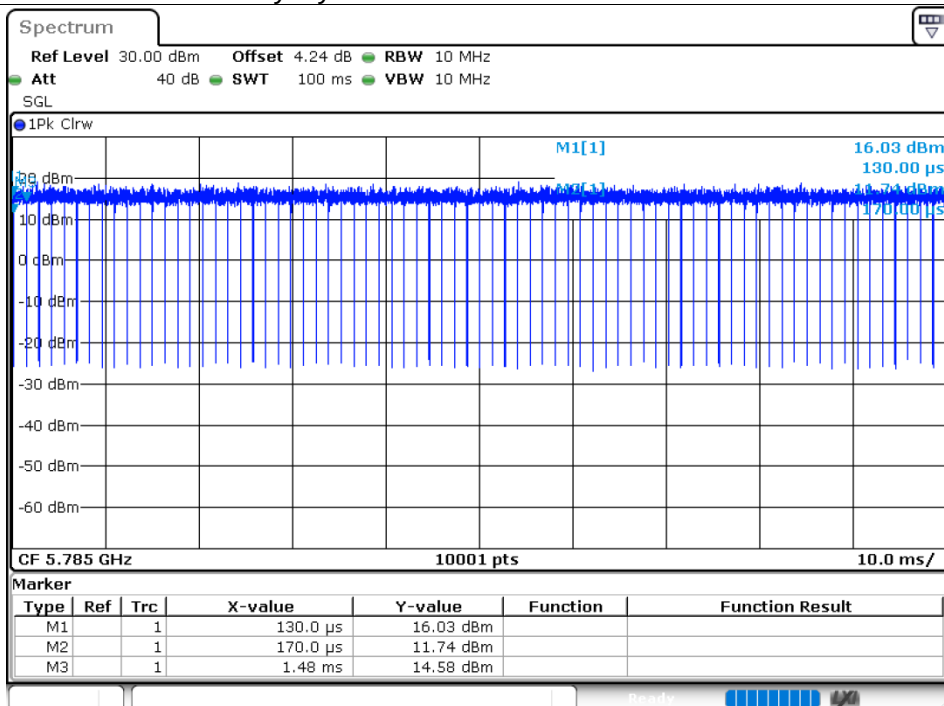




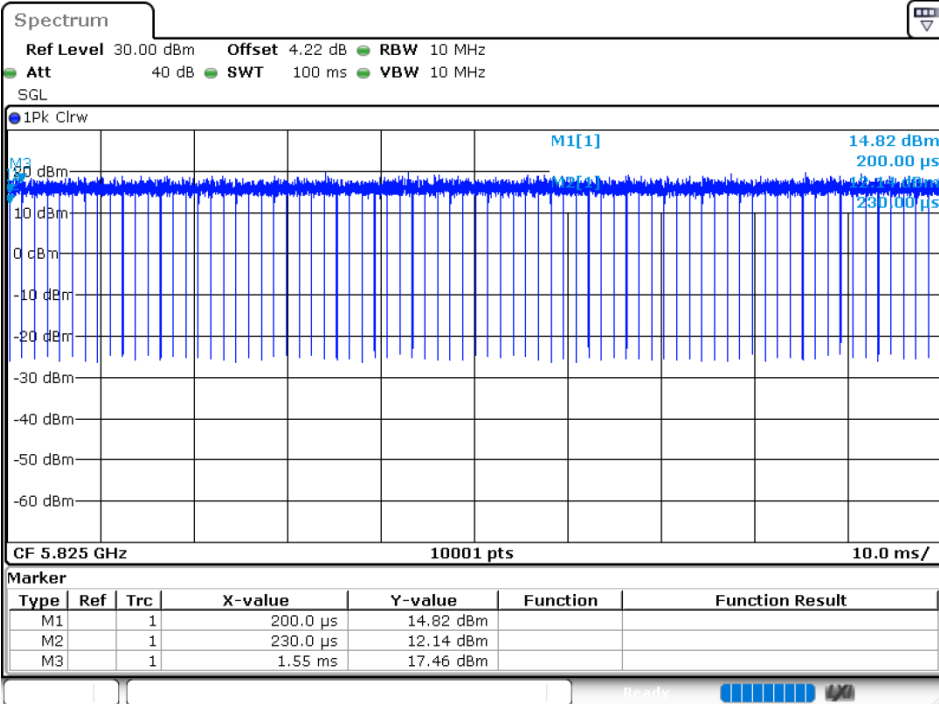
Duty Cycle NVNT ac20 5745MHz Ant1



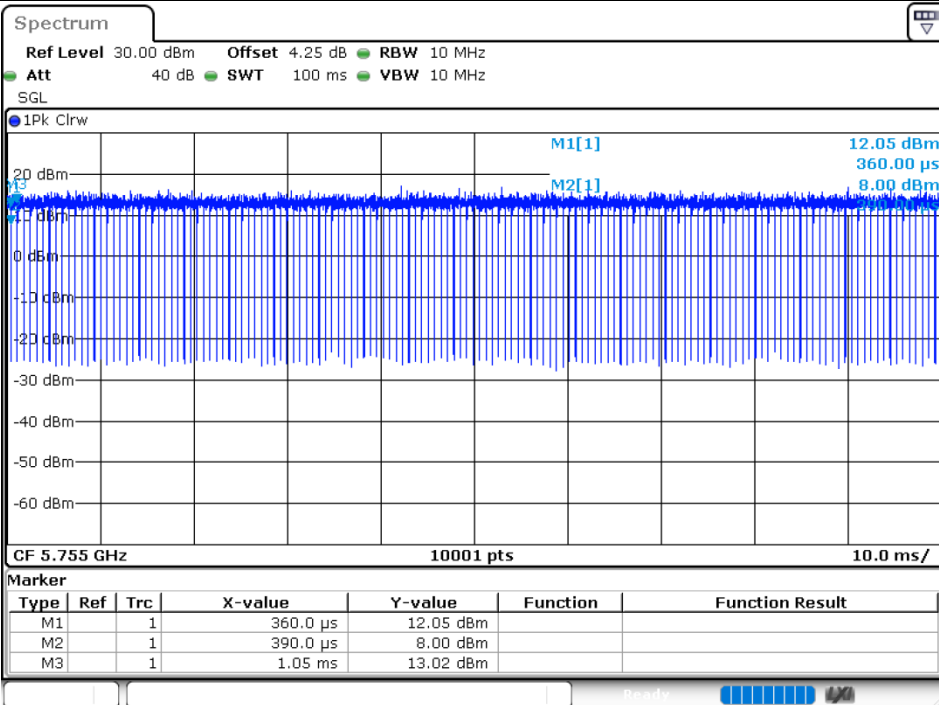
Duty Cycle NVNT ac20 5785MHz Ant1

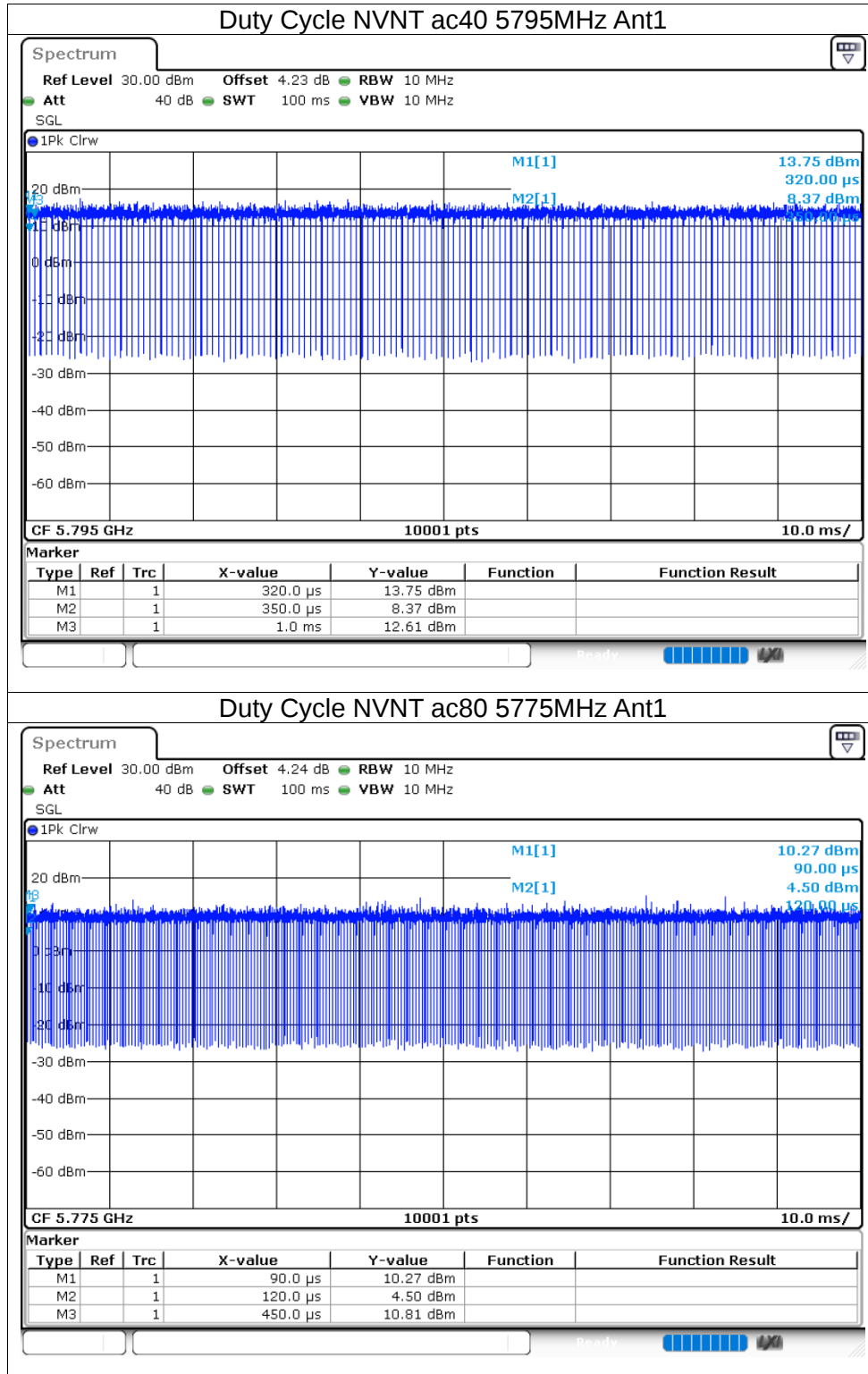


Duty Cycle NVNT ac20 5825MHz Ant1



Duty Cycle NVNT ac40 5755MHz Ant1





5.2 MAXIMUM CONDUCTED OUTPUT POWER

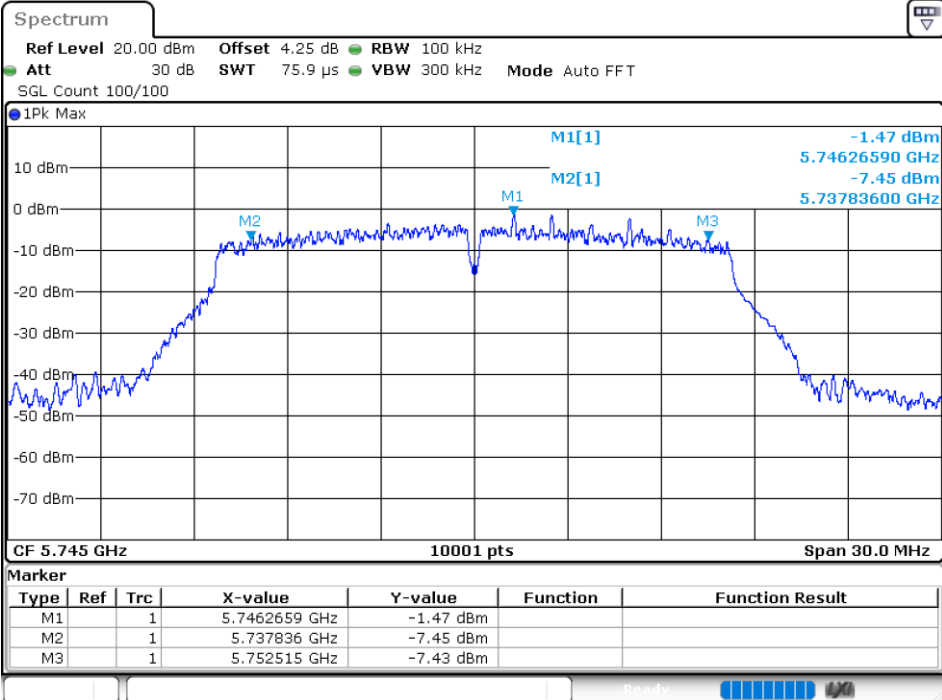
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	10.8	30	Pass
NVNT	a	5785	Ant1	11.49	30	Pass
NVNT	a	5825	Ant1	11.39	30	Pass
NVNT	n20	5745	Ant1	11.15	30	Pass
NVNT	n20	5785	Ant1	11.36	30	Pass
NVNT	n20	5825	Ant1	11.23	30	Pass
NVNT	n40	5755	Ant1	11.25	30	Pass
NVNT	n40	5795	Ant1	11.45	30	Pass
NVNT	ac20	5745	Ant1	10.43	30	Pass
NVNT	ac20	5785	Ant1	11.33	30	Pass
NVNT	ac20	5825	Ant1	11.31	30	Pass
NVNT	ac40	5755	Ant1	11.24	30	Pass
NVNT	ac40	5795	Ant1	11.5	30	Pass
NVNT	ac80	5775	Ant1	11.25	30	Pass

5.3 -6DB BANDWIDTH

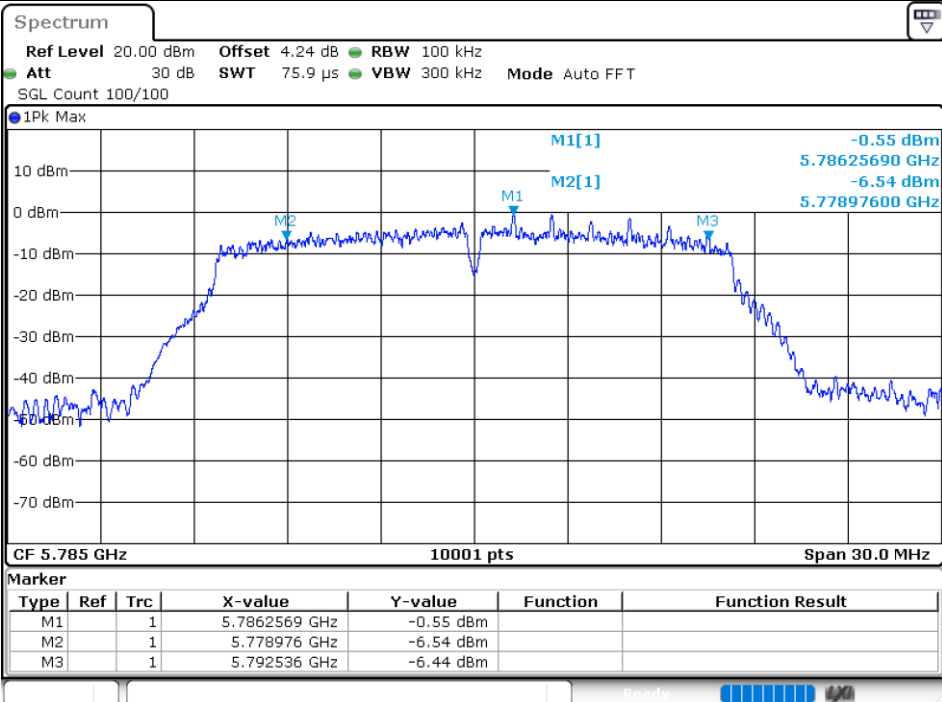
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	14.679	0.5	Pass
NVNT	a	5785	Ant1	13.56	0.5	Pass
NVNT	a	5825	Ant1	15.045	0.5	Pass
NVNT	n20	5745	Ant1	13.461	0.5	Pass
NVNT	n20	5785	Ant1	17.577	0.5	Pass
NVNT	n20	5825	Ant1	14.67	0.5	Pass
NVNT	n40	5755	Ant1	31.458	0.5	Pass
NVNT	n40	5795	Ant1	35.112	0.5	Pass
NVNT	ac20	5745	Ant1	14.676	0.5	Pass
NVNT	ac20	5785	Ant1	12.579	0.5	Pass
NVNT	ac20	5825	Ant1	13.791	0.5	Pass
NVNT	ac40	5755	Ant1	33.828	0.5	Pass
NVNT	ac40	5795	Ant1	36.042	0.5	Pass
NVNT	ac80	5775	Ant1	66.288	0.5	Pass

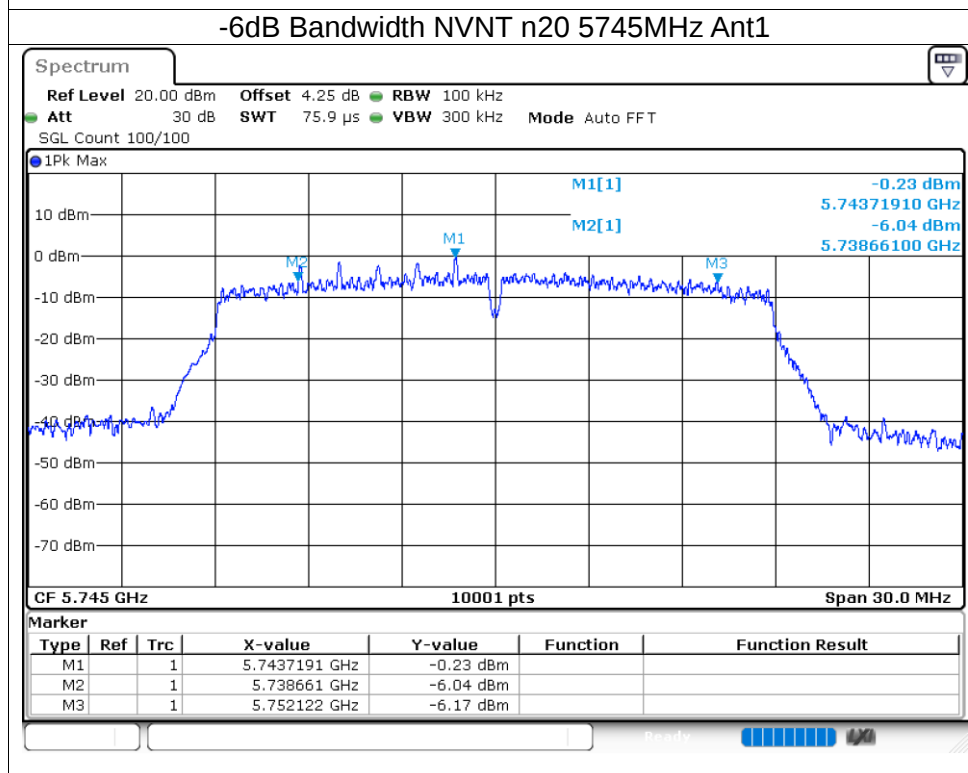
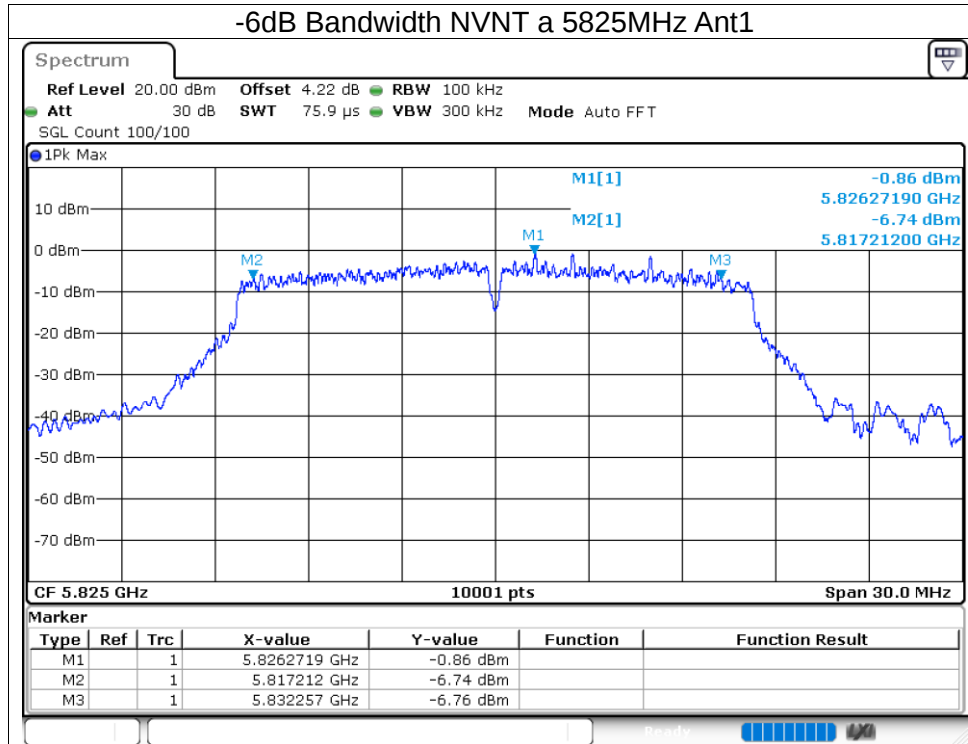
Test Graphs

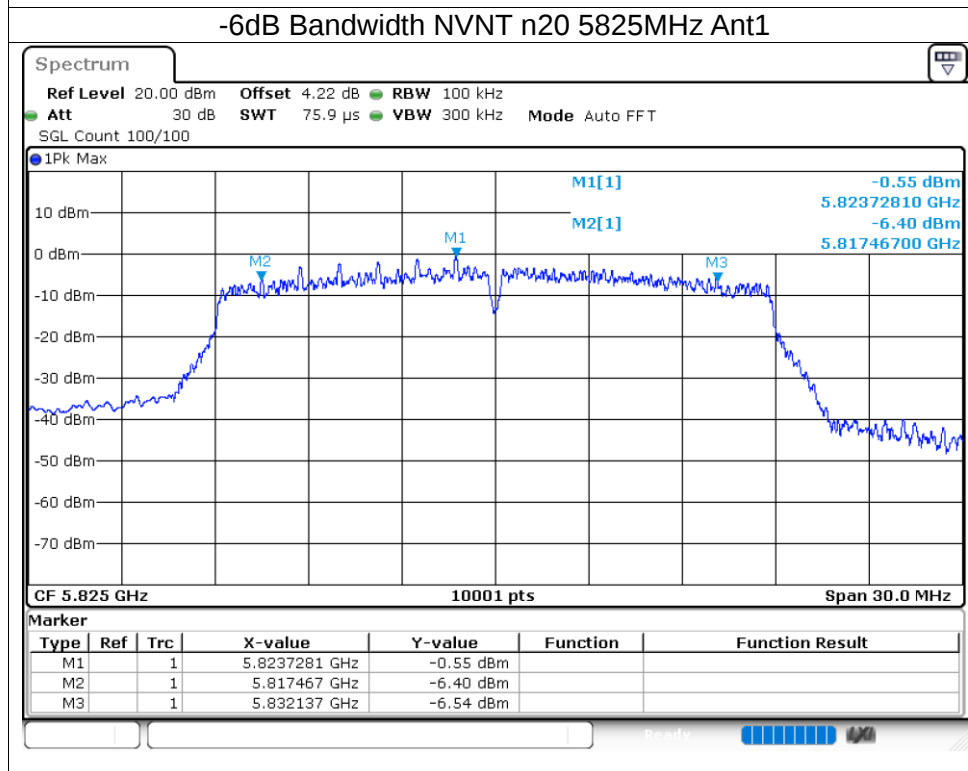
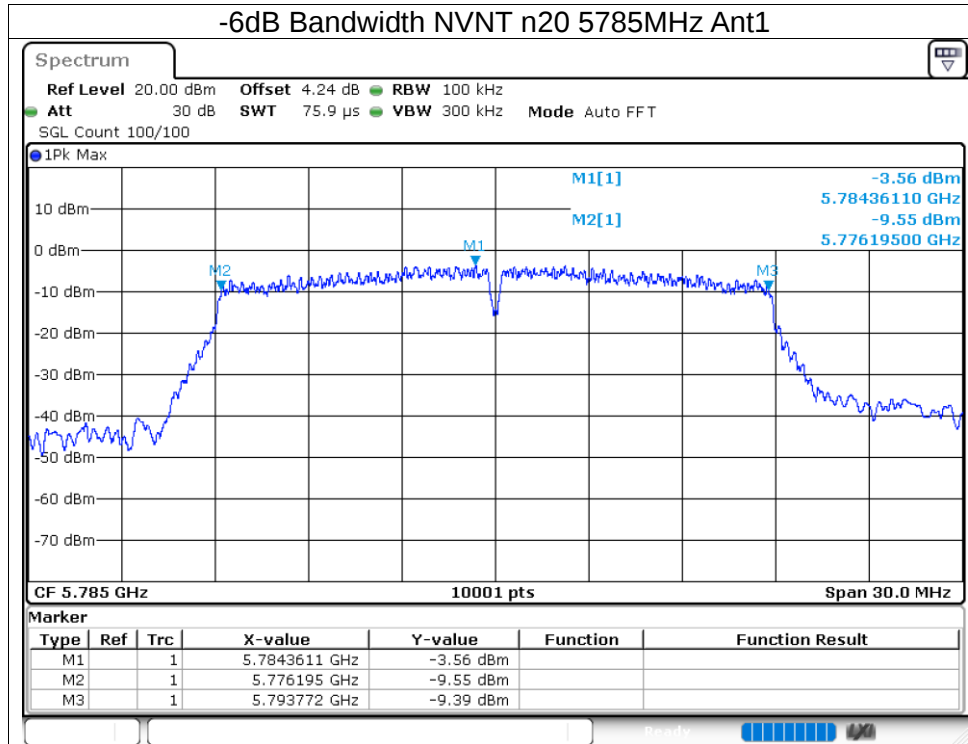
-6dB Bandwidth NVNT a 5745MHz Ant1

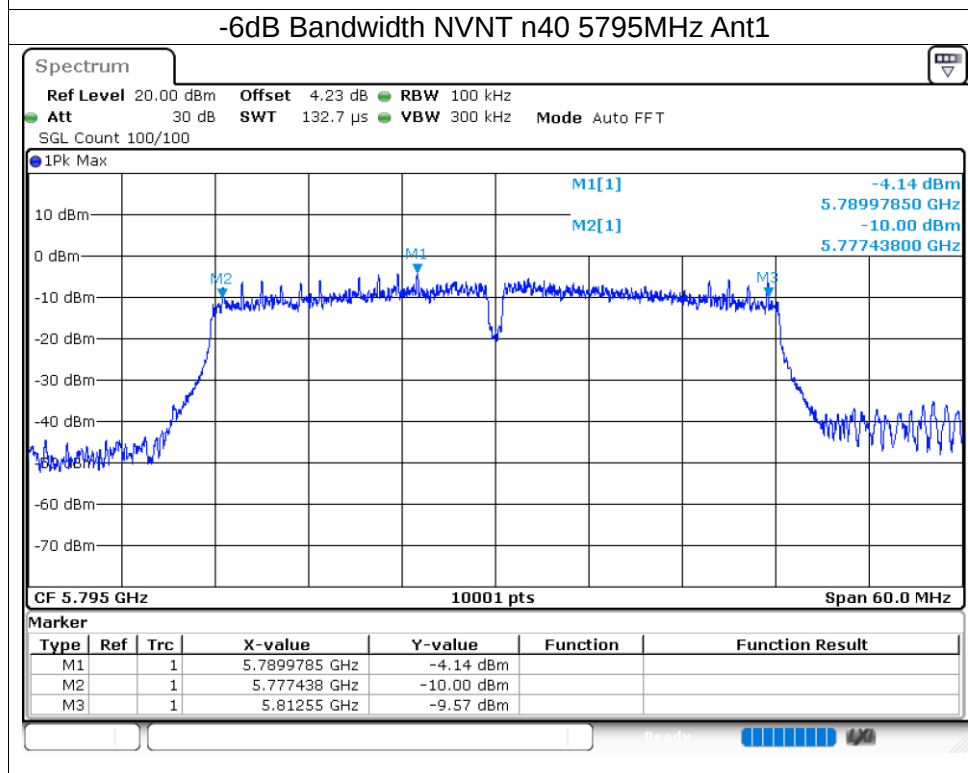
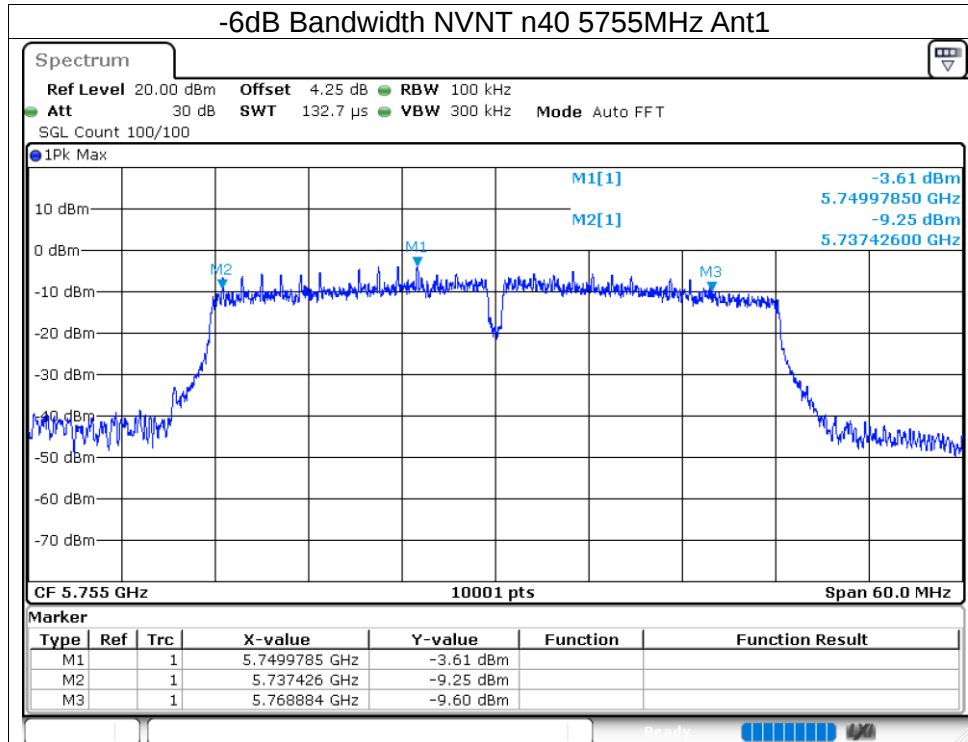


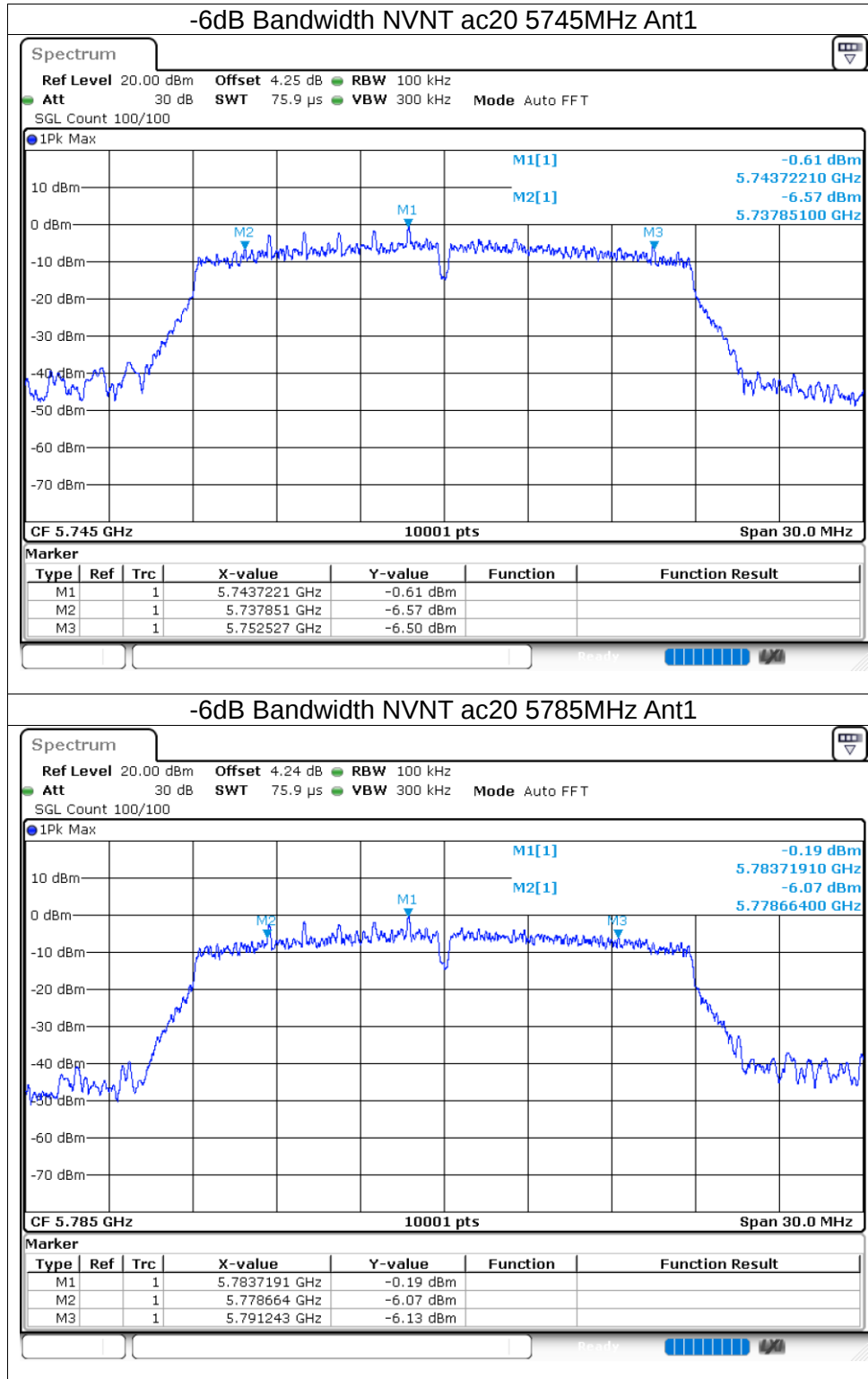
-6dB Bandwidth NVNT a 5785MHz Ant1

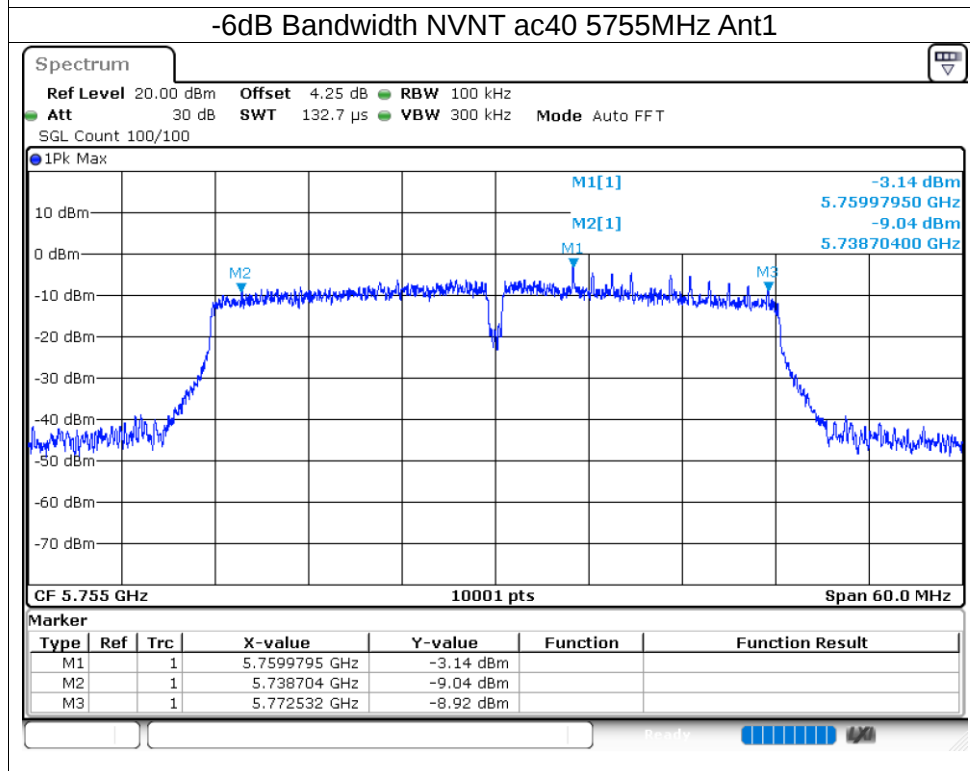
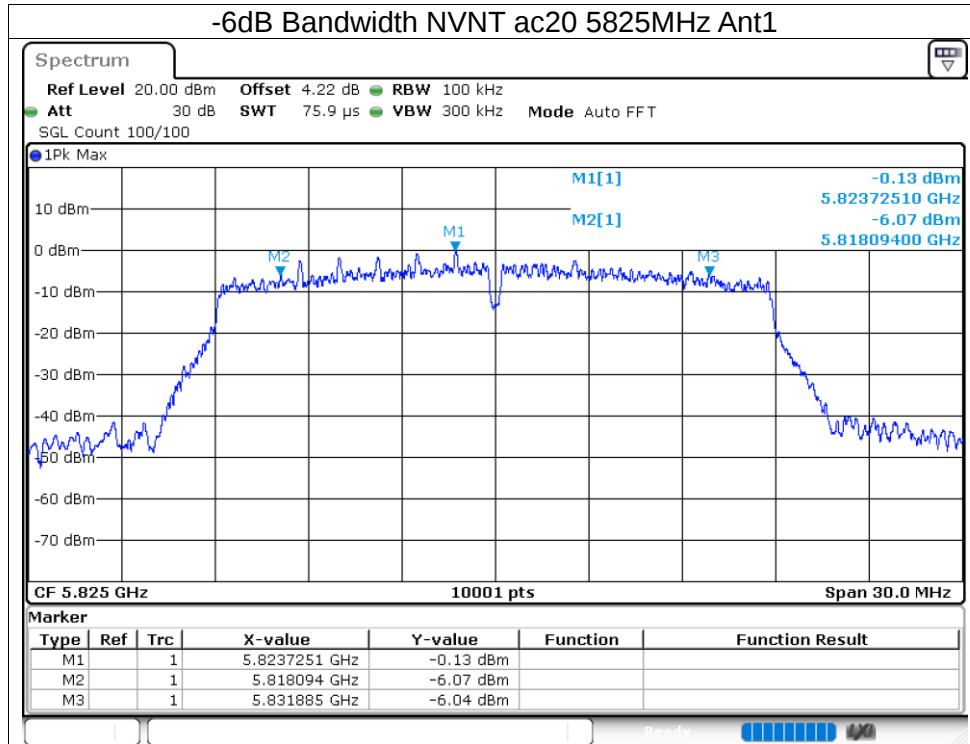


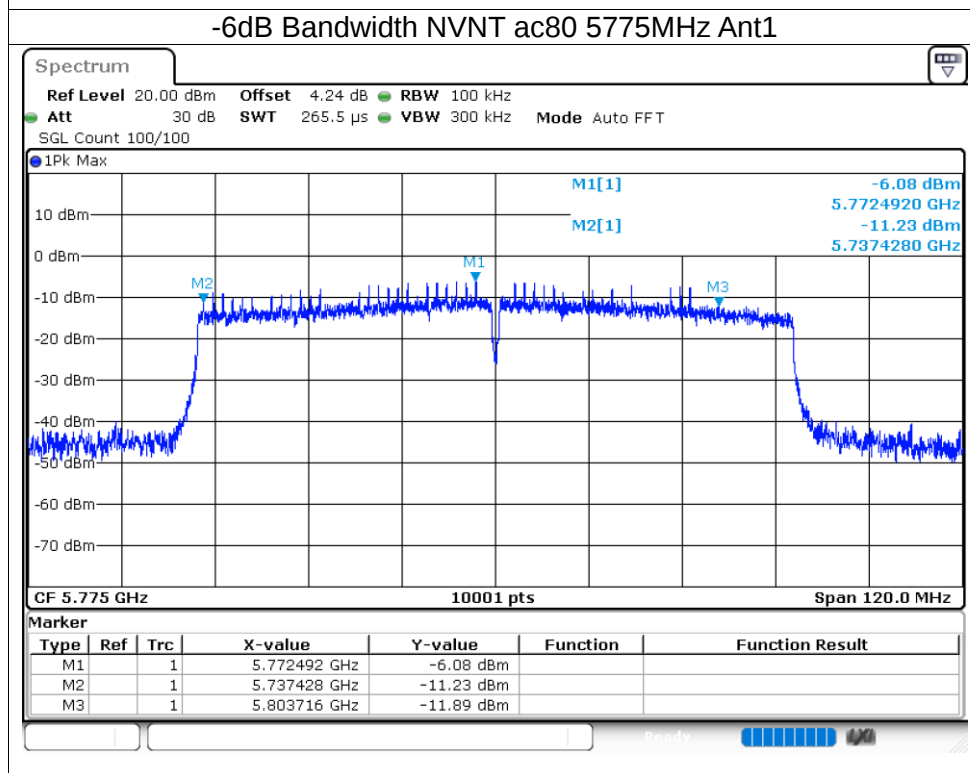
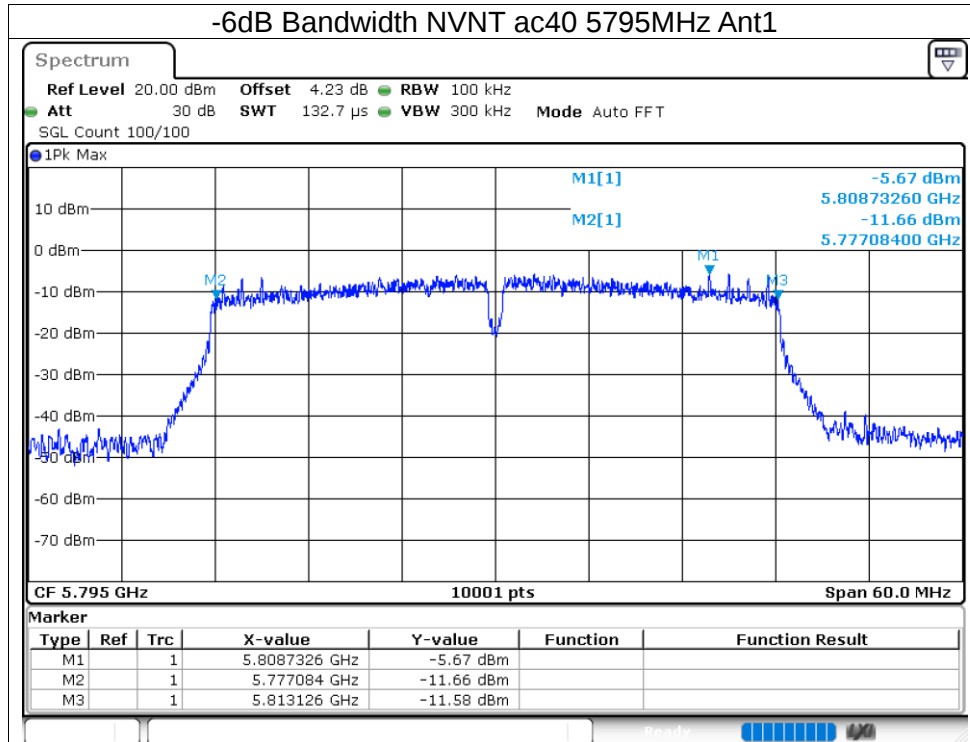










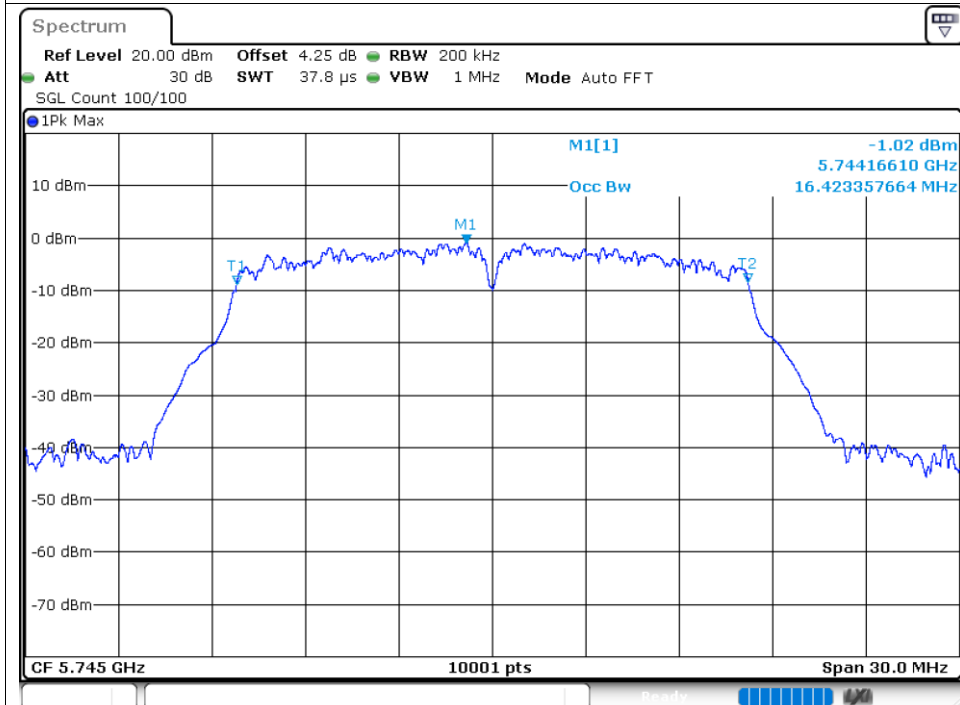


5.4 OCCUPIED CHANNEL BANDWIDTH

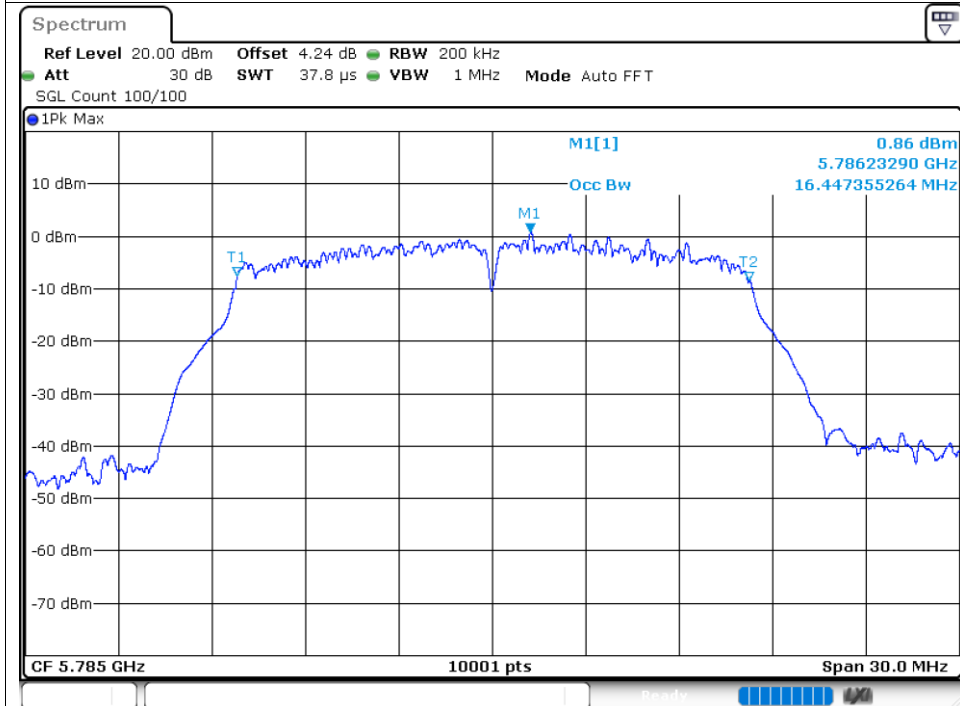
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.423
NVNT	a	5785	Ant1	16.447
NVNT	a	5825	Ant1	16.321
NVNT	n20	5745	Ant1	17.644
NVNT	n20	5785	Ant1	17.551
NVNT	n20	5825	Ant1	17.539
NVNT	n40	5755	Ant1	36.086
NVNT	n40	5795	Ant1	36.038
NVNT	ac20	5745	Ant1	17.524
NVNT	ac20	5785	Ant1	17.542
NVNT	ac20	5825	Ant1	17.611
NVNT	ac40	5755	Ant1	36.068
NVNT	ac40	5795	Ant1	36.032
NVNT	ac80	5775	Ant1	75.304

Test Graphs

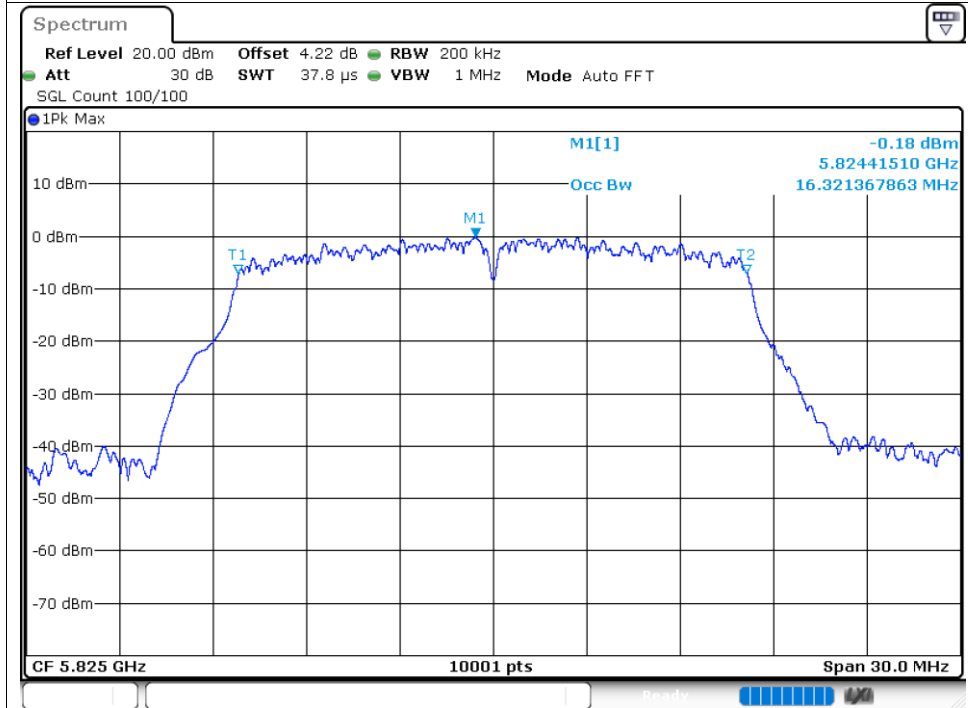
OBW NVNT a 5745MHz Ant1



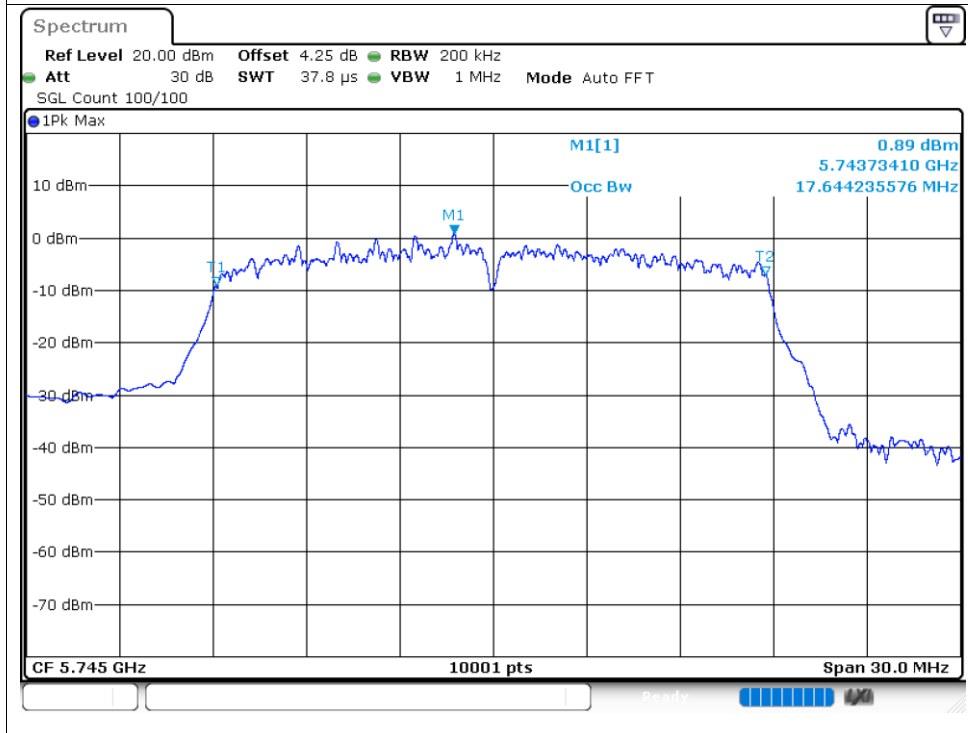
OBW NVNT a 5785MHz Ant1



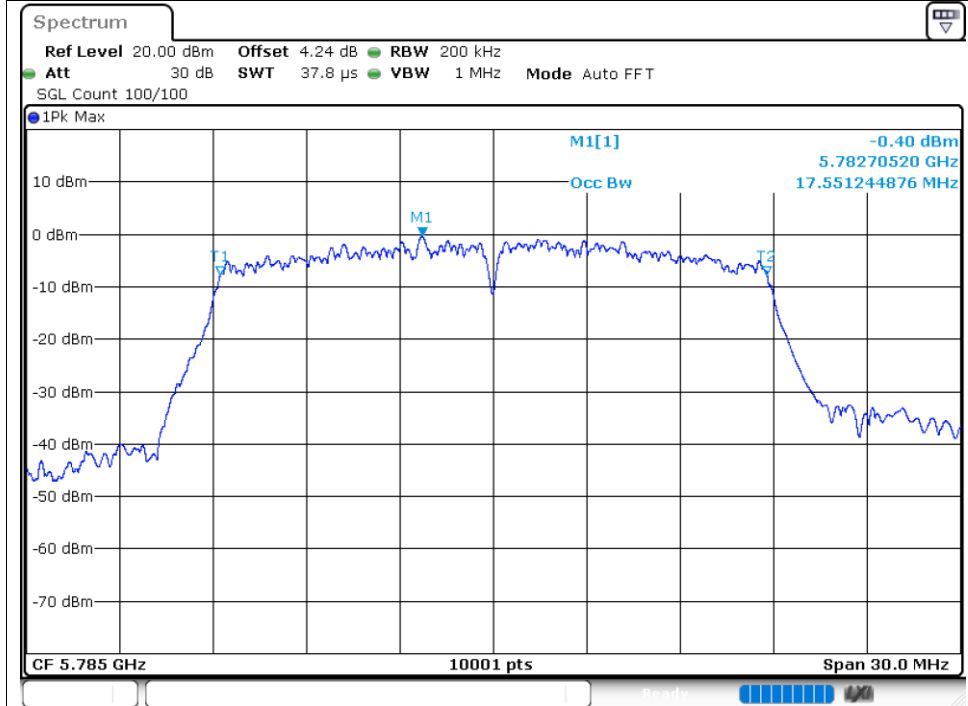
OBW NVNT a 5825MHz Ant1



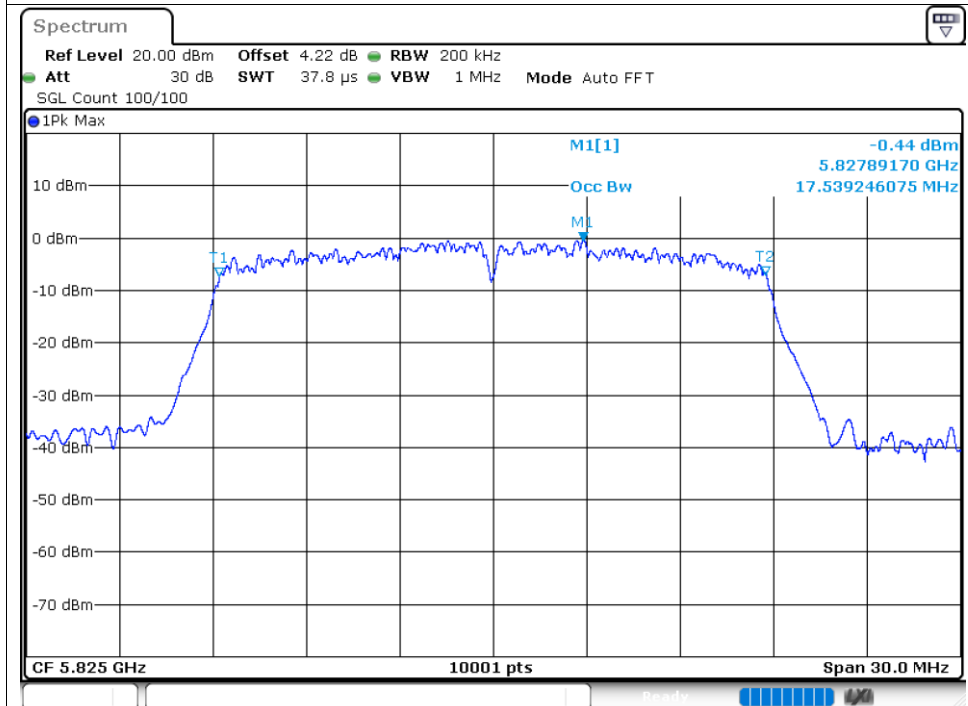
OBW NVNT n20 5745MHz Ant1



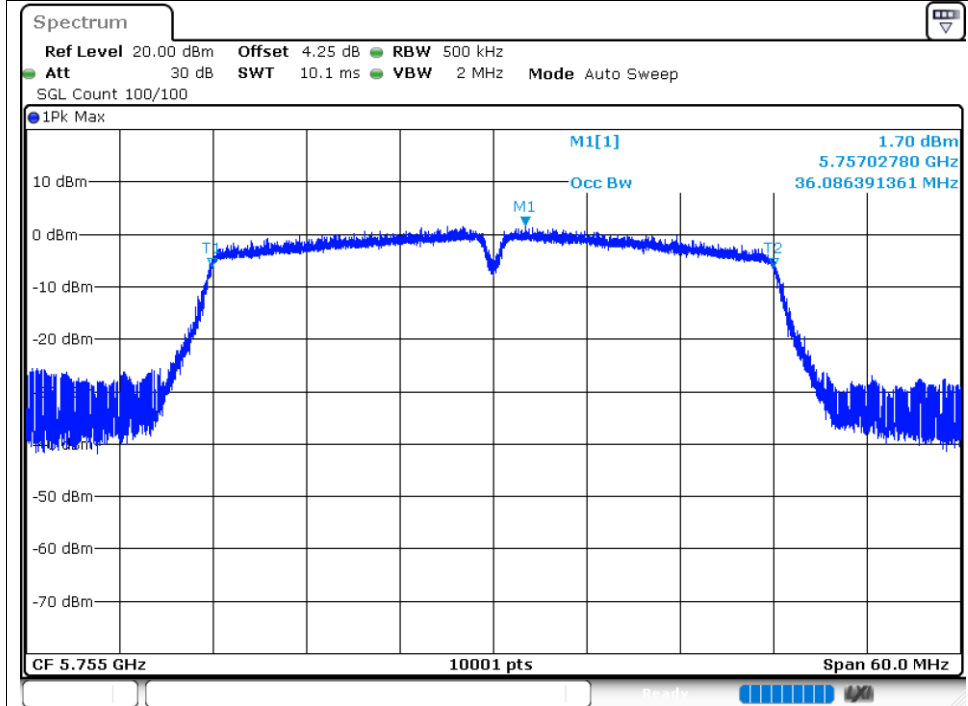
OBW NVNT n20 5785MHz Ant1



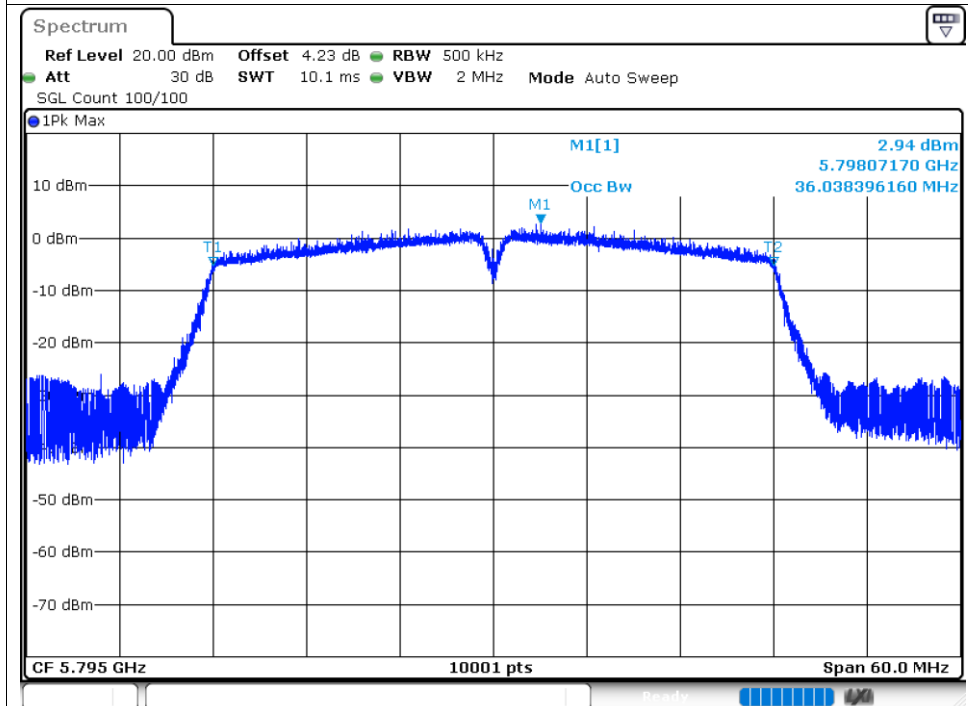
OBW NVNT n20 5825MHz Ant1

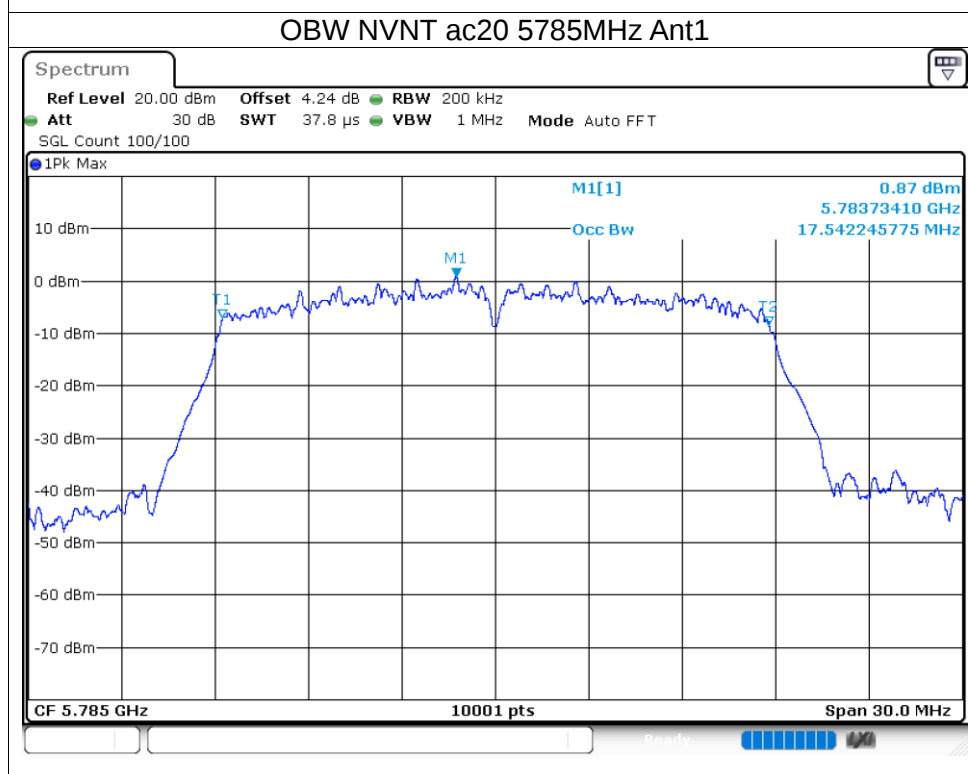
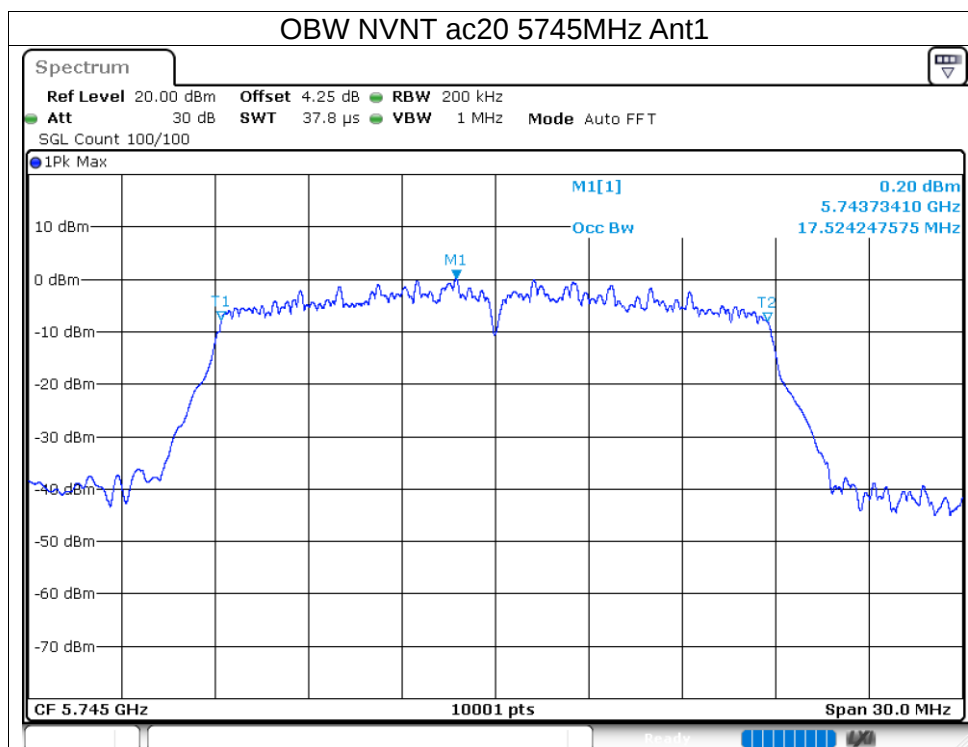


OBW NVNT n40 5755MHz Ant1

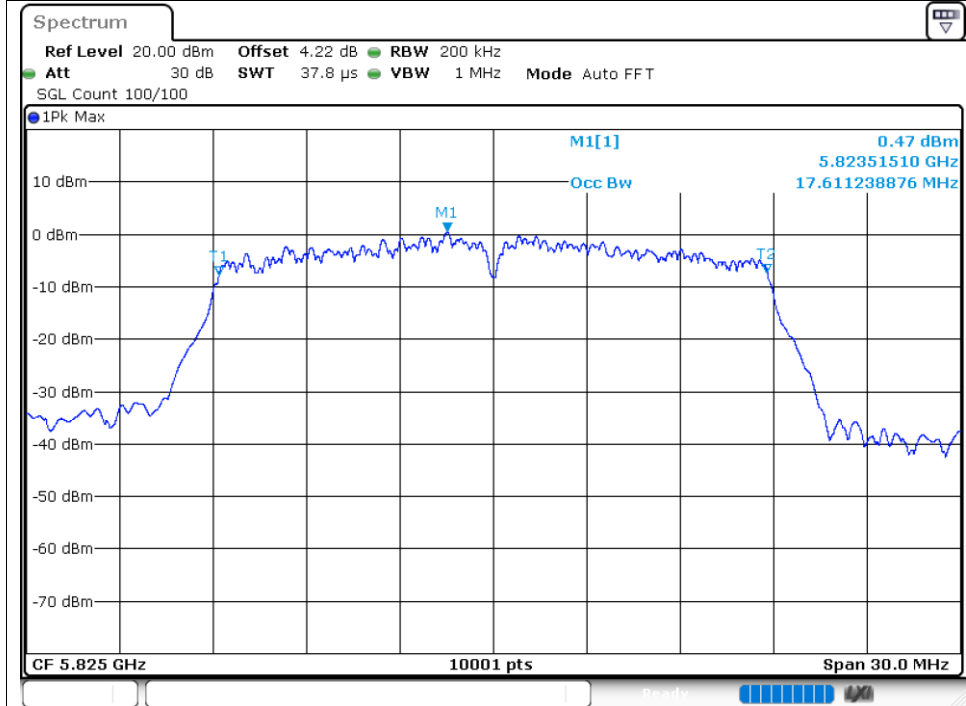


OBW NVNT n40 5795MHz Ant1

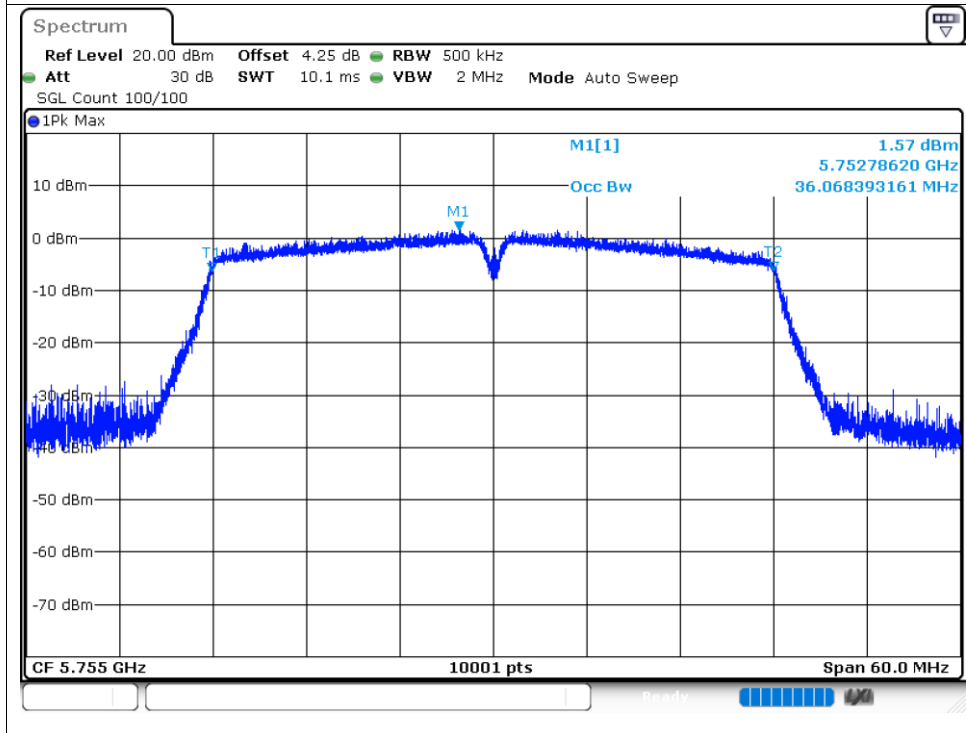




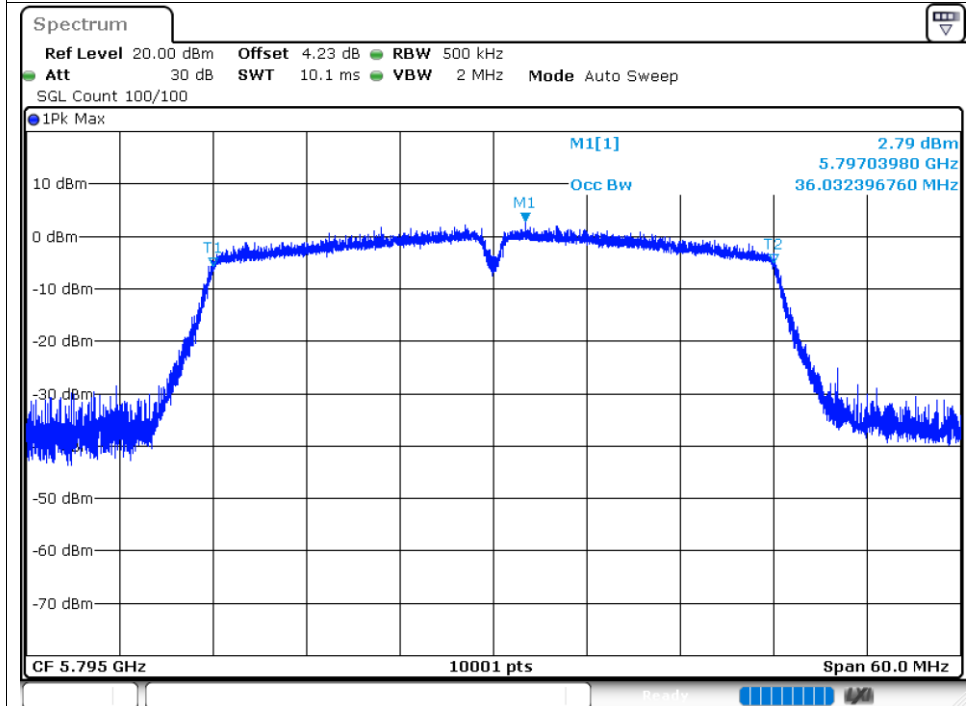
OBW NVNT ac20 5825MHz Ant1



OBW NVNT ac40 5755MHz Ant1



OBW NVNT ac40 5795MHz Ant1



OBW NVNT ac80 5775MHz Ant1

