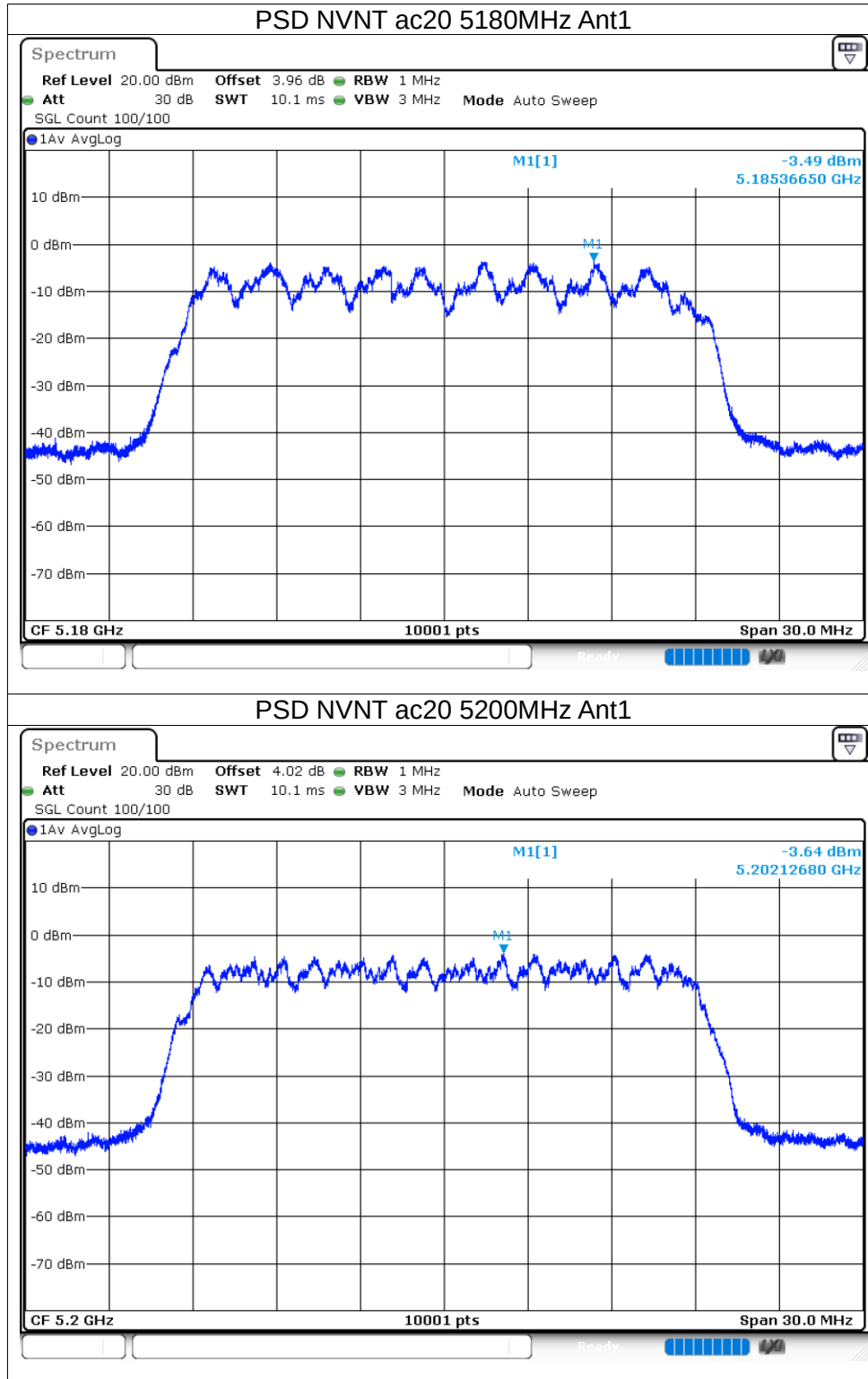
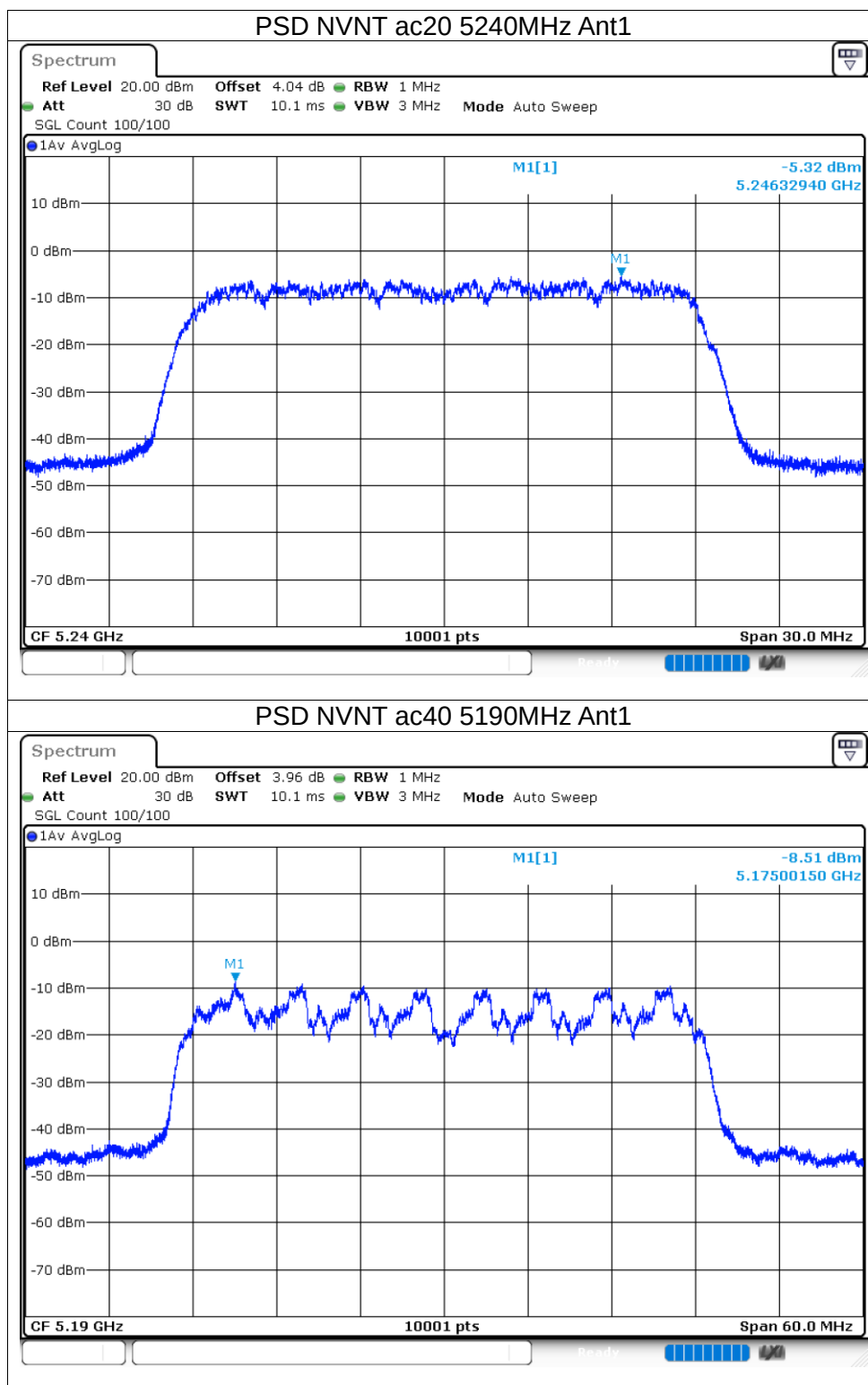
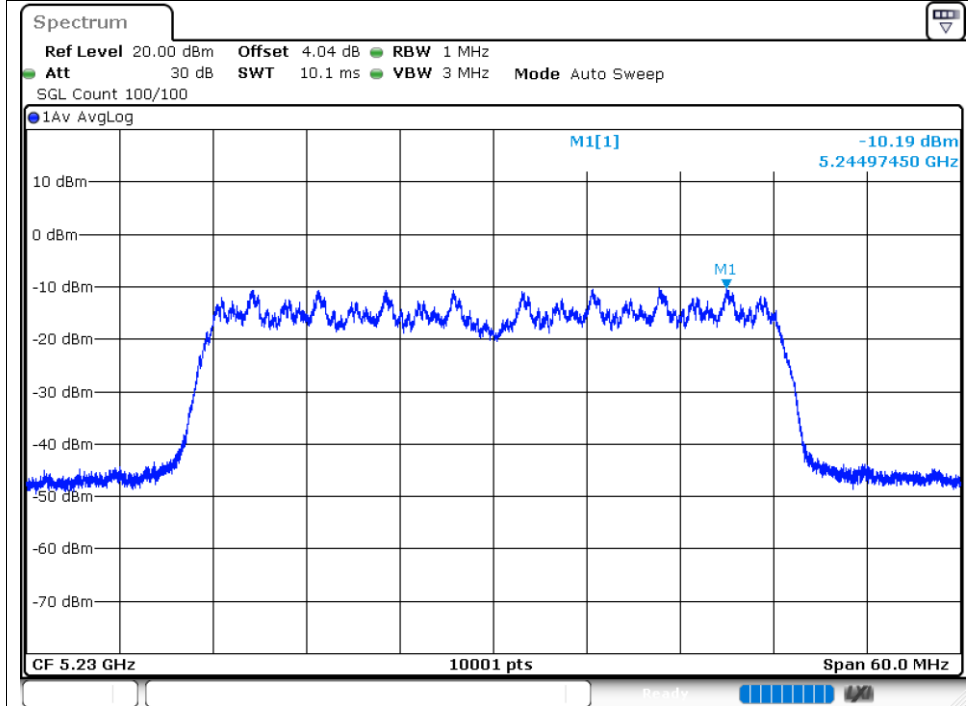


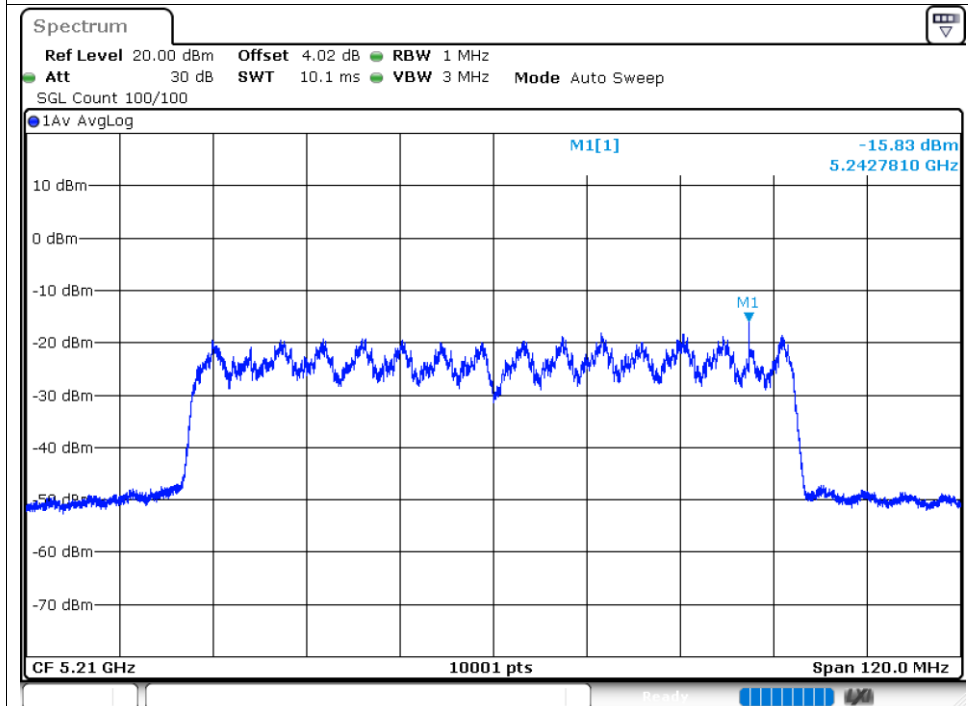




PSD NVNT ac40 5230MHz Ant1



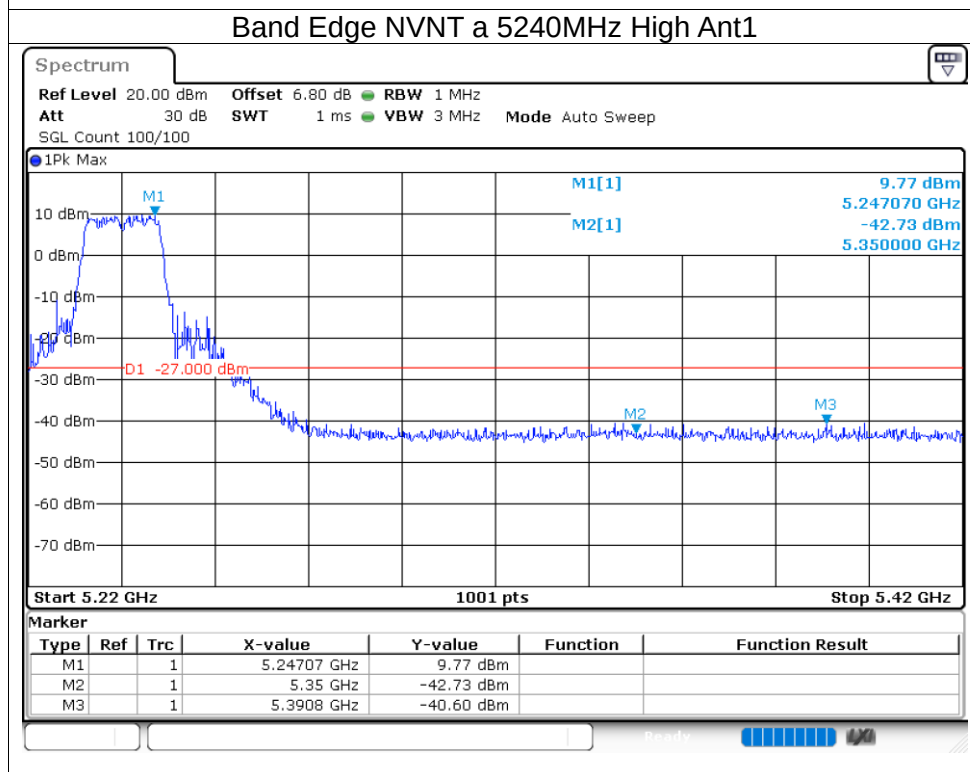
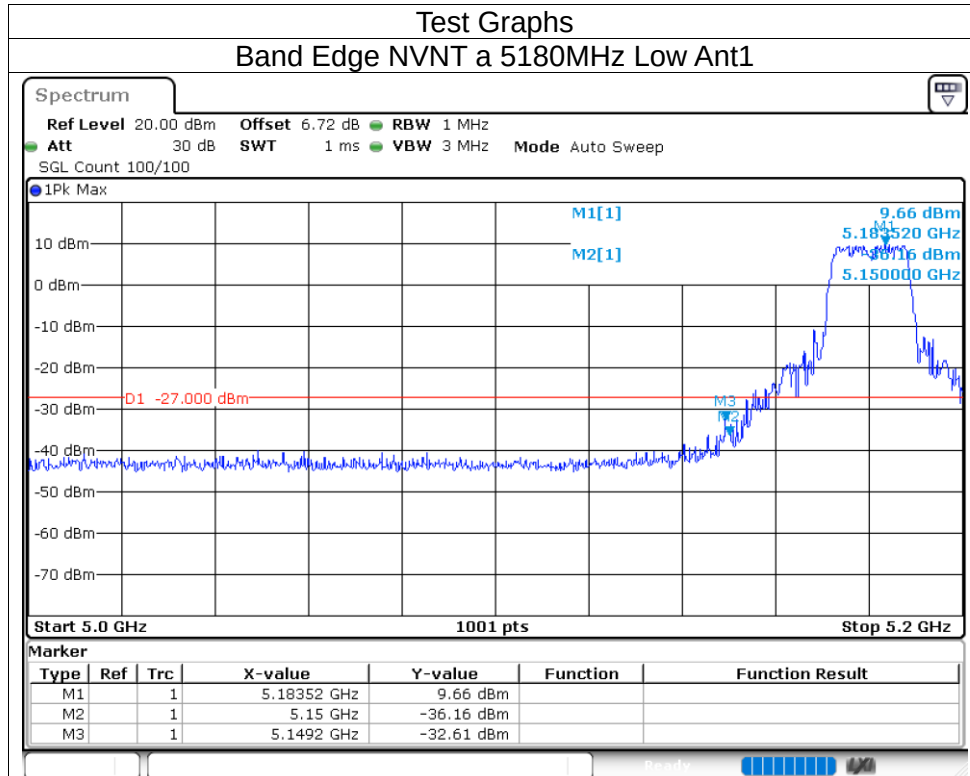
PSD NVNT ac80 5210MHz Ant1

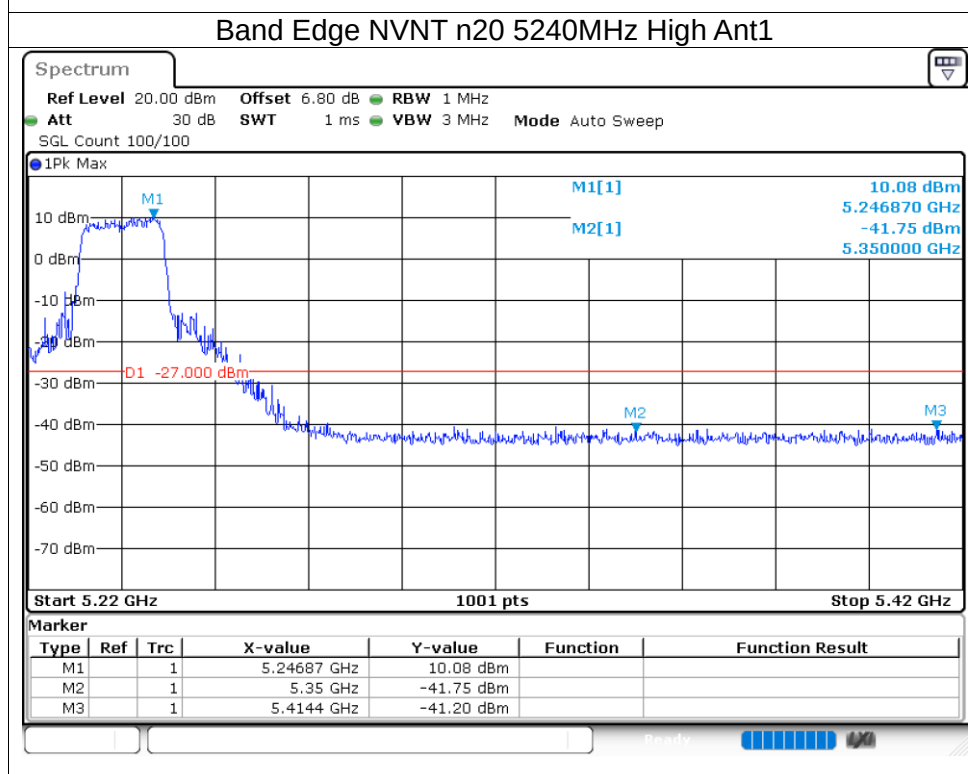
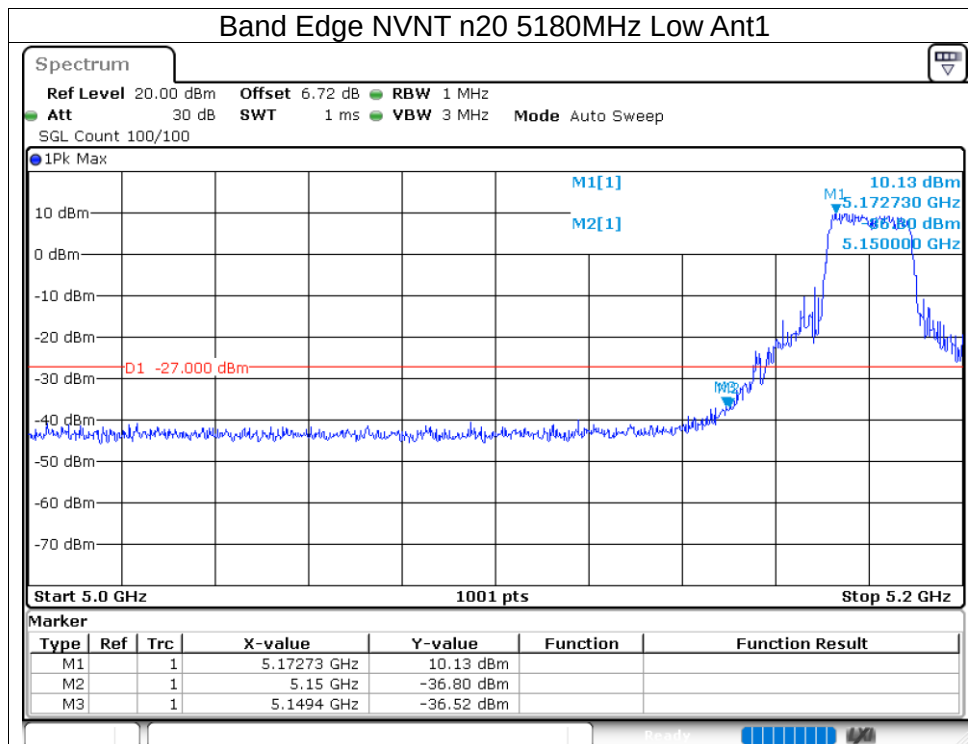


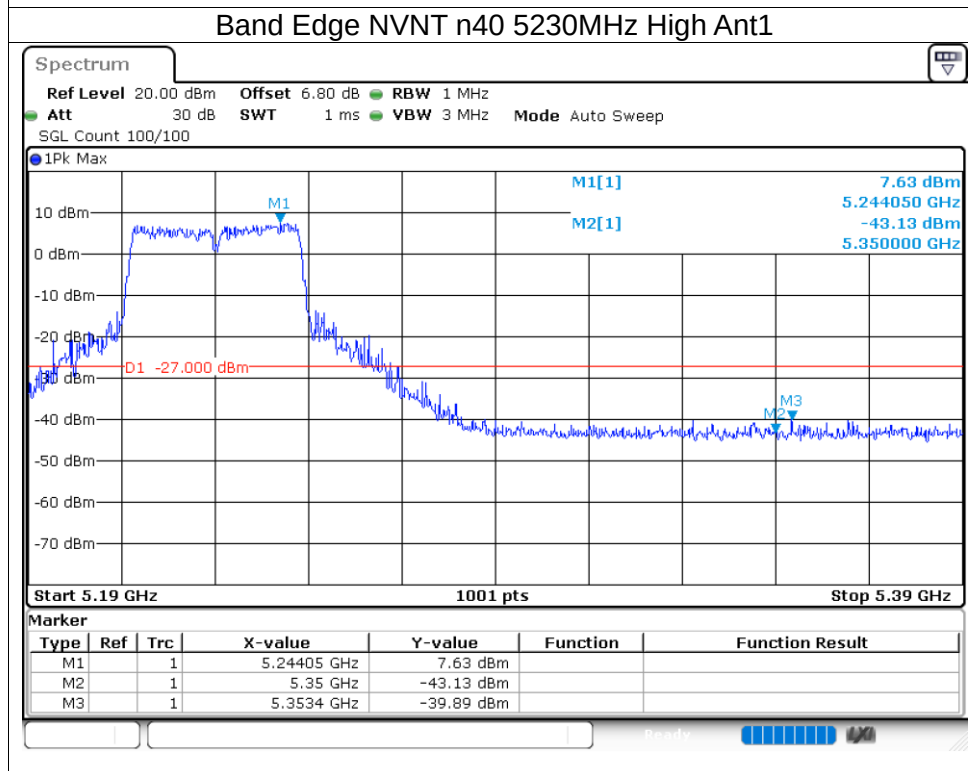
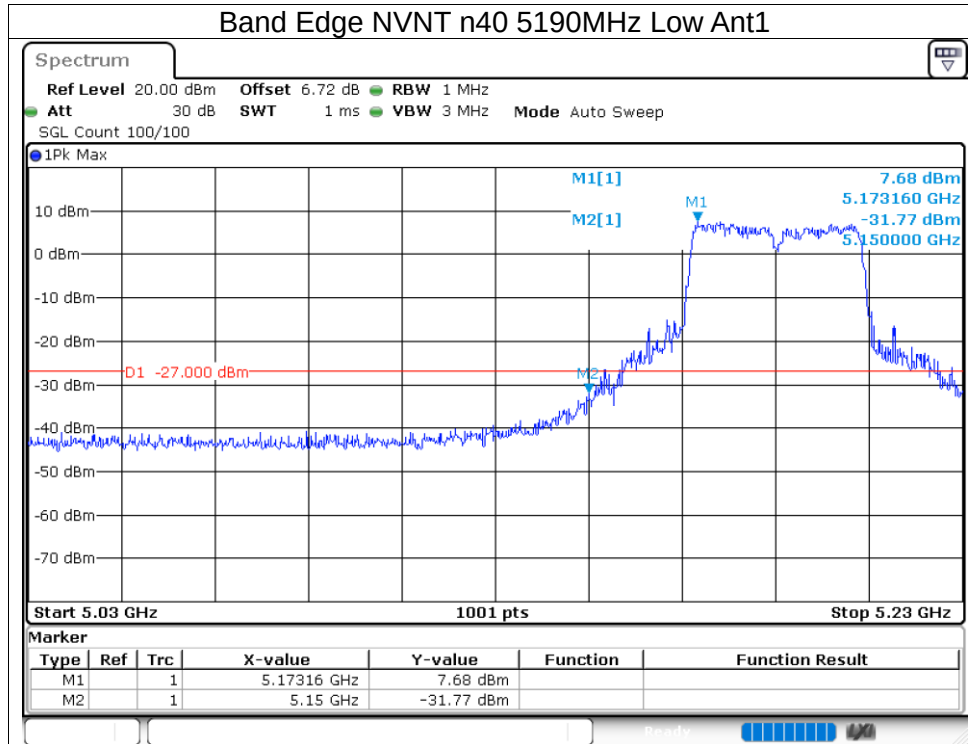
5.6 BAND EDGE

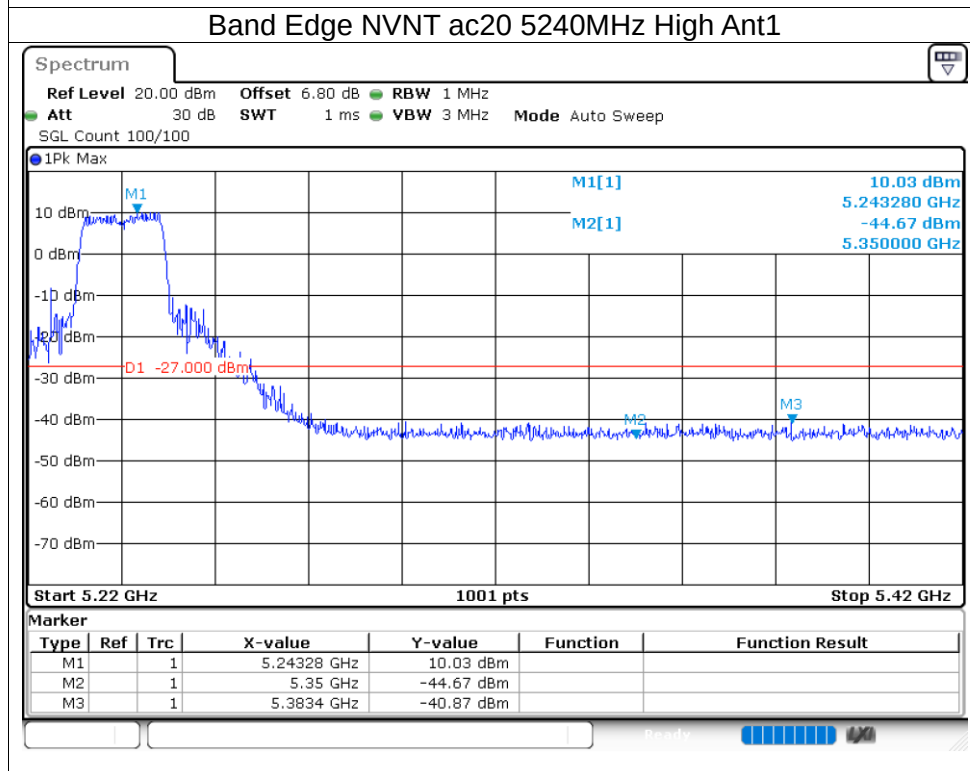
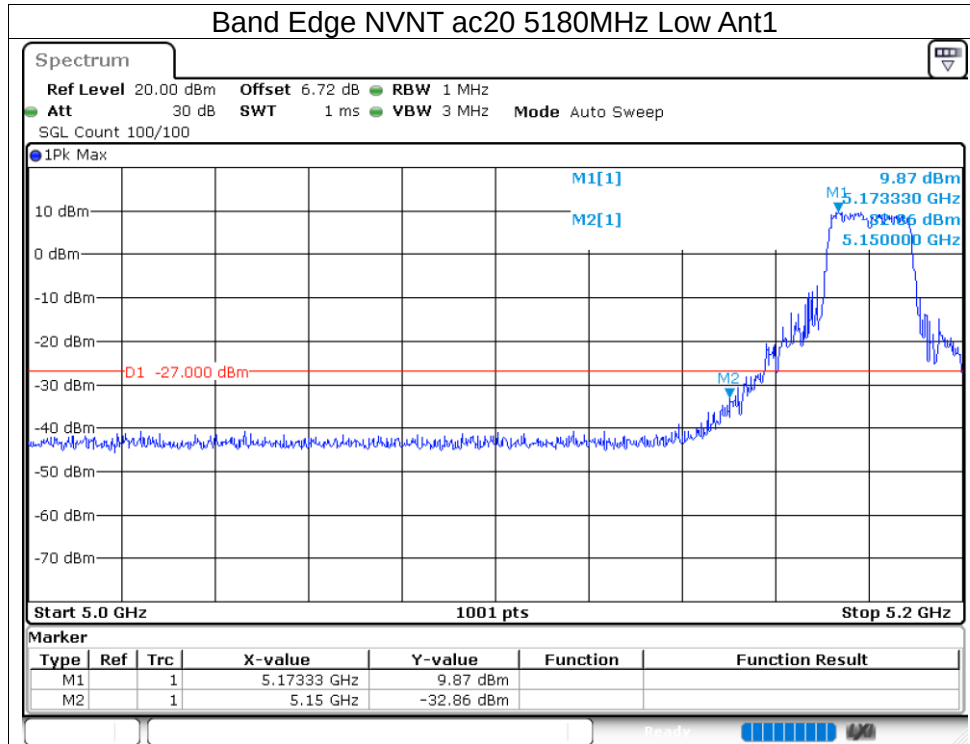
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-32.6	-27	Pass
NVNT	a	5240	Ant1	-40.6	-27	Pass
NVNT	n20	5180	Ant1	-36.52	-27	Pass
NVNT	n20	5240	Ant1	-41.2	-27	Pass
NVNT	n40	5190	Ant1	-31.76	-27	Pass
NVNT	n40	5230	Ant1	-39.88	-27	Pass
NVNT	ac20	5180	Ant1	-32.85	-27	Pass
NVNT	ac20	5240	Ant1	-40.87	-27	Pass
NVNT	ac40	5190	Ant1	-31.59	-27	Pass
NVNT	ac40	5230	Ant1	-40.66	-27	Pass
NVNT	ac80	5210	Ant1	-42.85	-27	Pass
NVNT	ac80	5210	Ant1	-32.04	-27	Pass

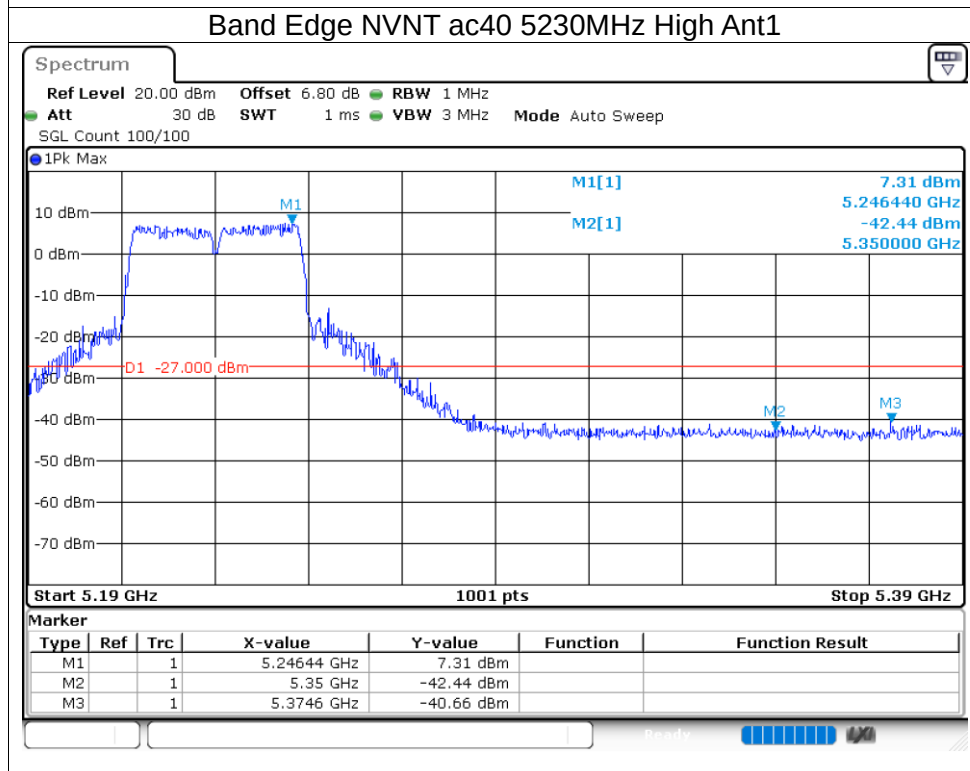
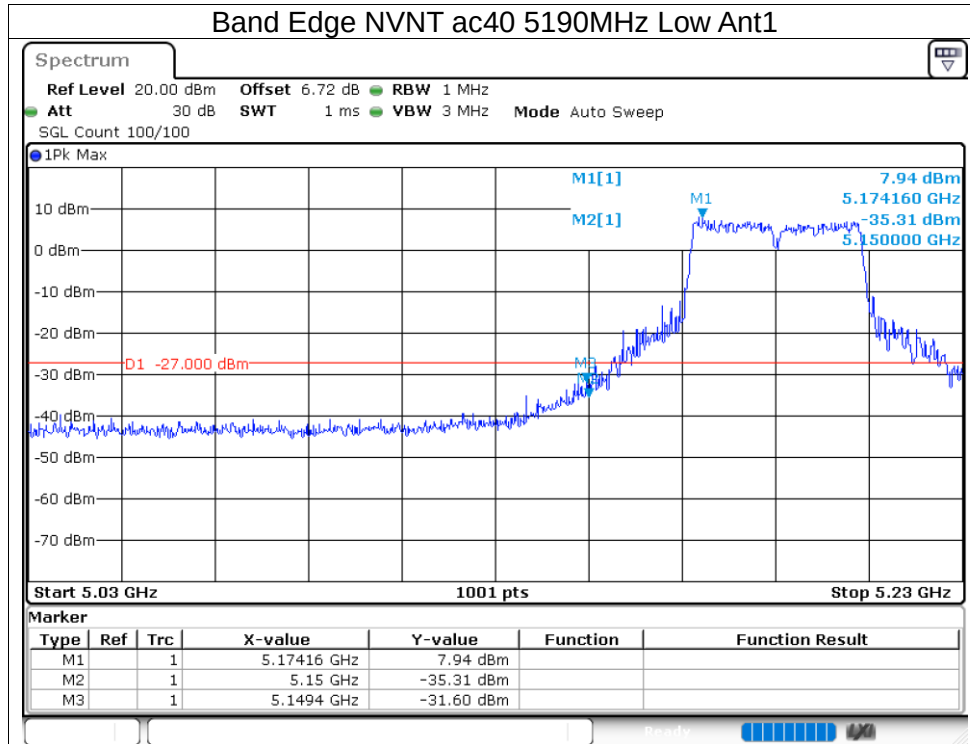
Note: Tested with increased antenna gain.

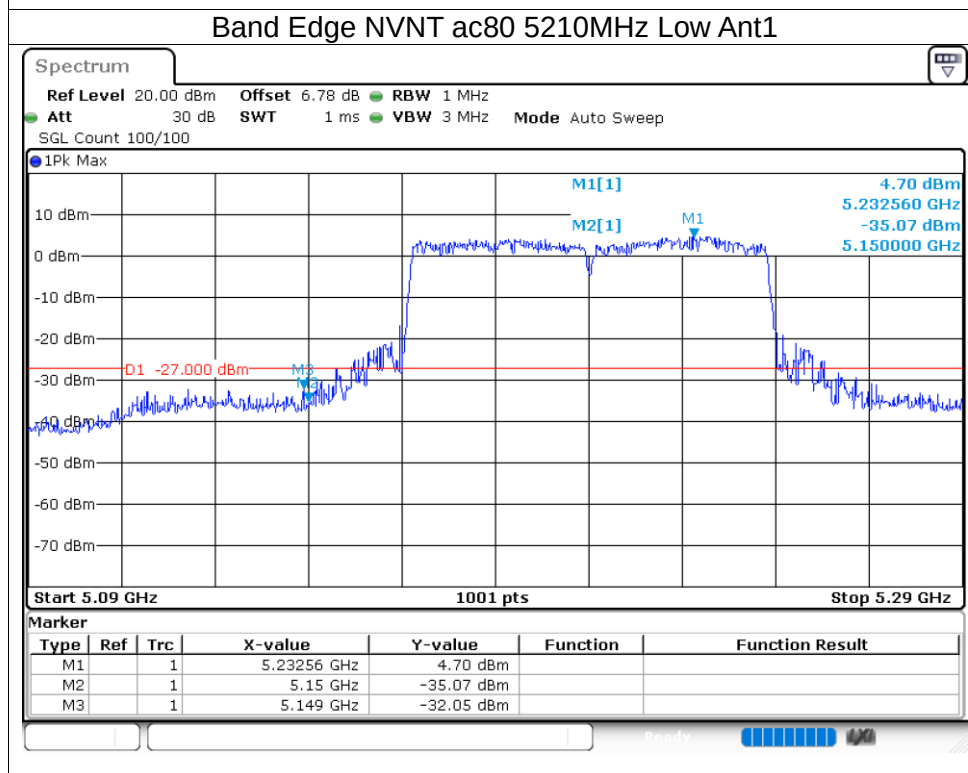
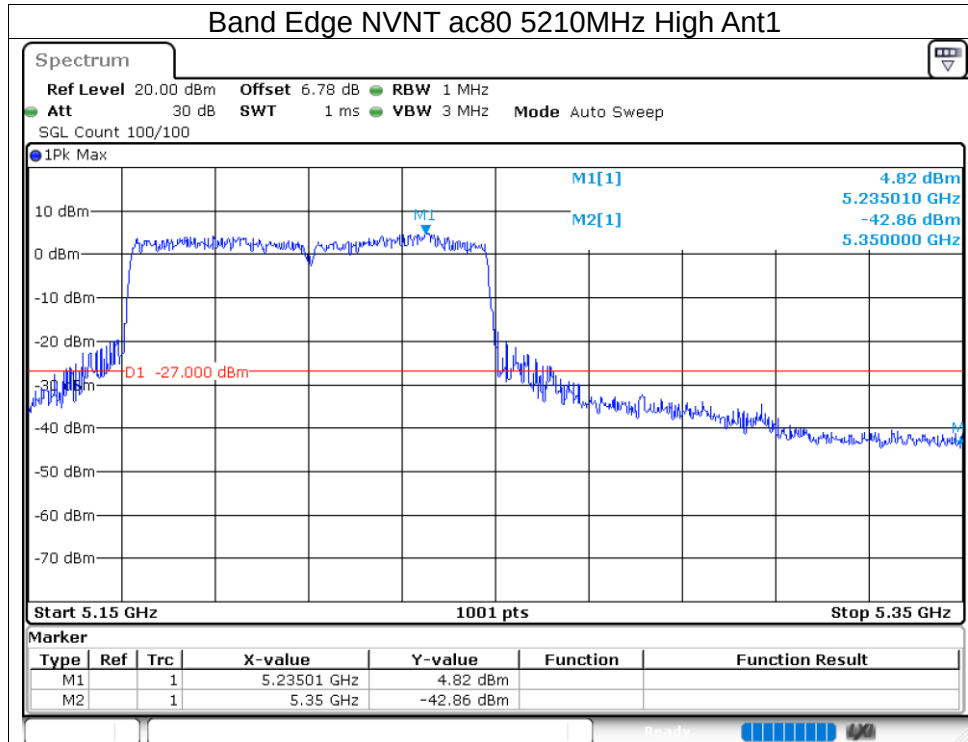








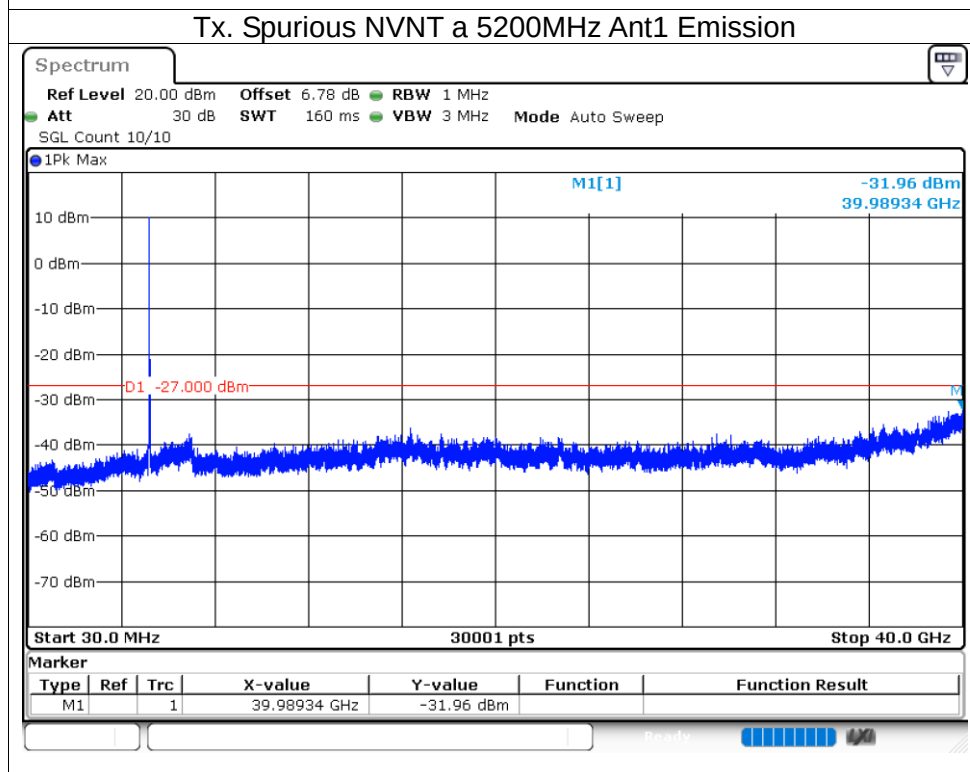
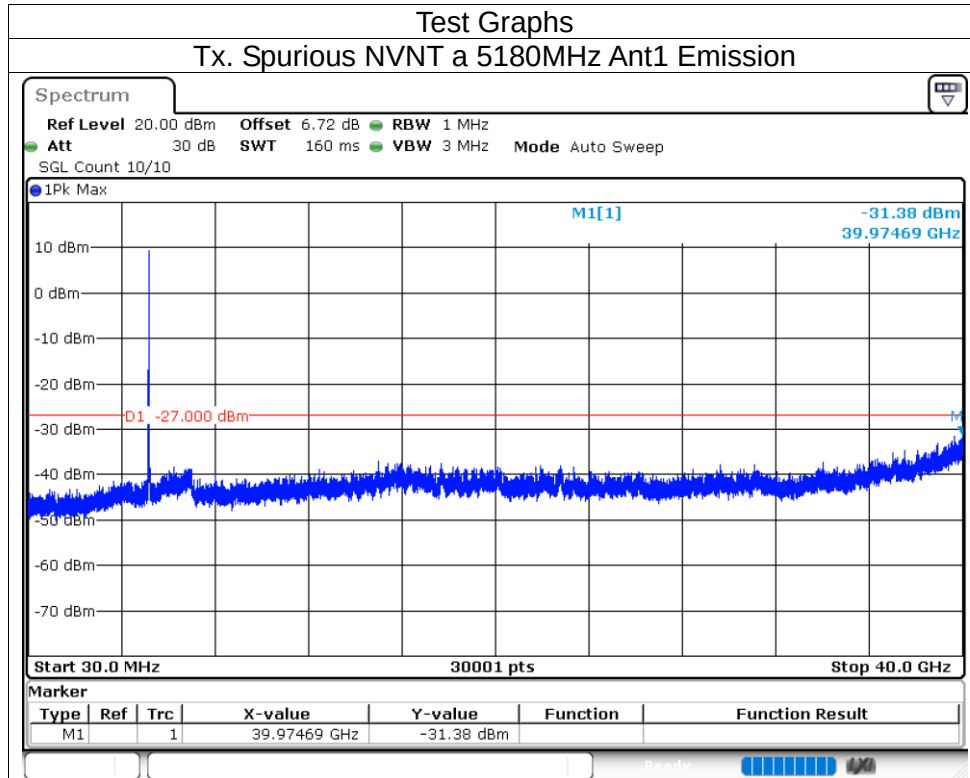




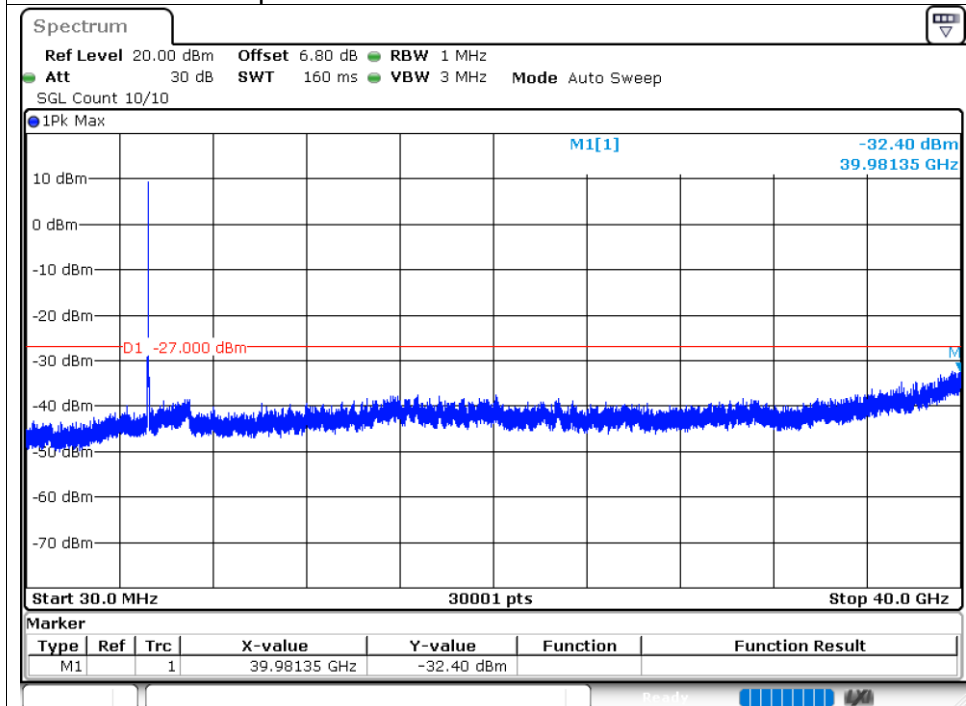
5.7 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-31.37	-27	Pass
NVNT	a	5200	Ant1	-31.95	-27	Pass
NVNT	a	5240	Ant1	-32.4	-27	Pass
NVNT	n20	5180	Ant1	-32.22	-27	Pass
NVNT	n20	5200	Ant1	-31.31	-27	Pass
NVNT	n20	5240	Ant1	-32.33	-27	Pass
NVNT	n40	5190	Ant1	-31.94	-27	Pass
NVNT	n40	5230	Ant1	-31.95	-27	Pass
NVNT	ac20	5180	Ant1	-30.84	-27	Pass
NVNT	ac20	5200	Ant1	-32.28	-27	Pass
NVNT	ac20	5240	Ant1	-31.66	-27	Pass
NVNT	ac40	5190	Ant1	-31.89	-27	Pass
NVNT	ac40	5230	Ant1	-30.98	-27	Pass
NVNT	ac80	5210	Ant1	-31.66	-27	Pass

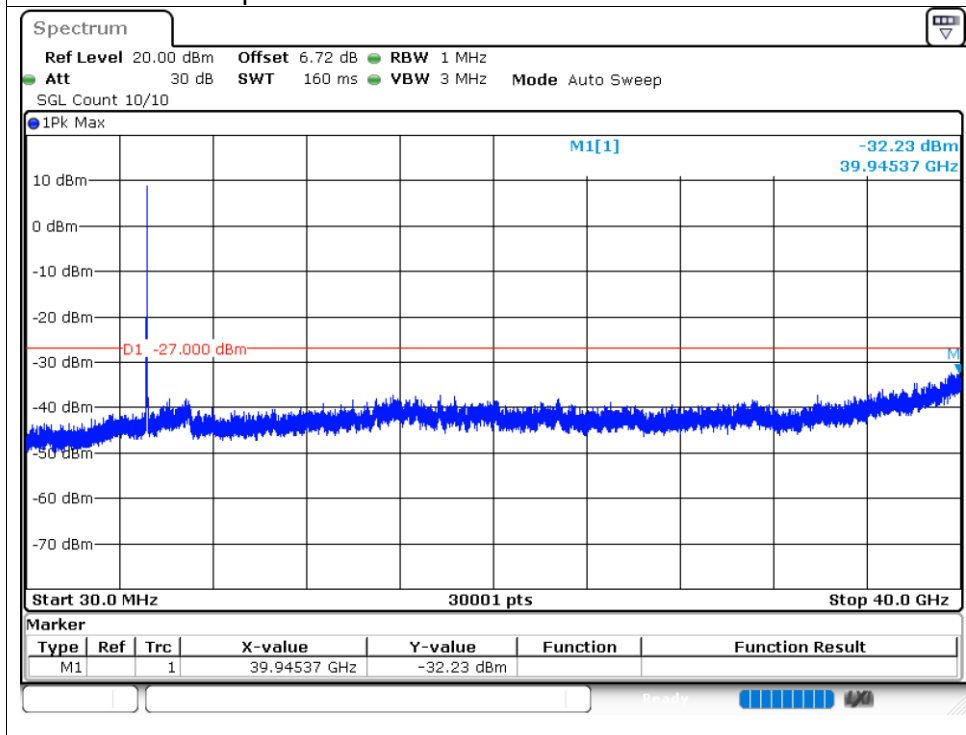
Note: Tested with increased antenna gain.

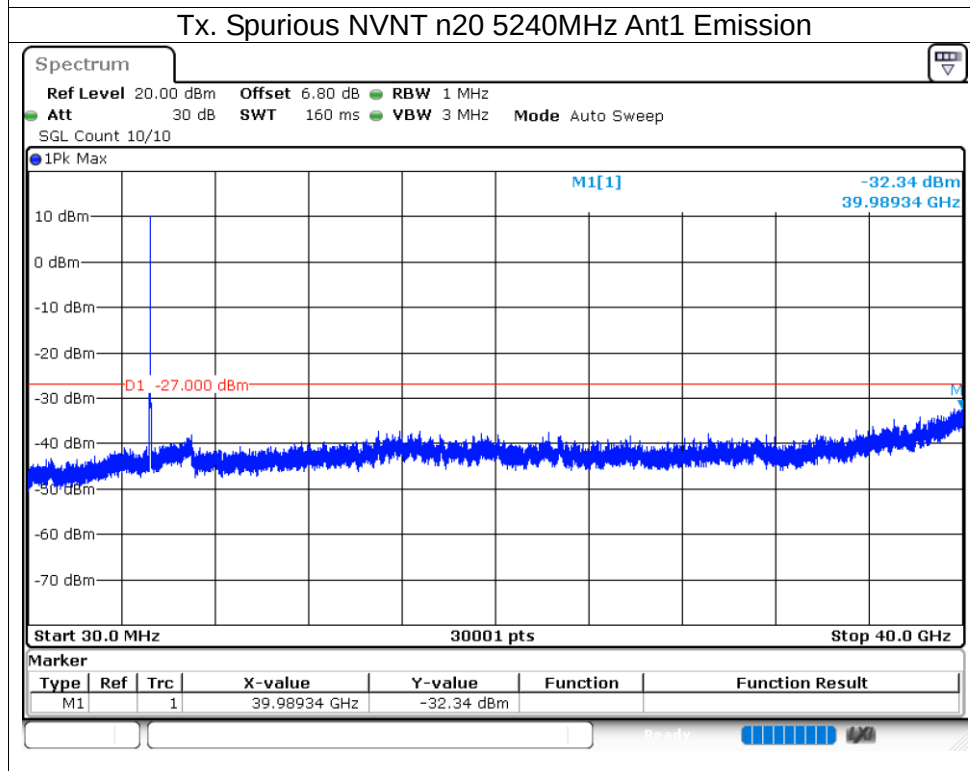
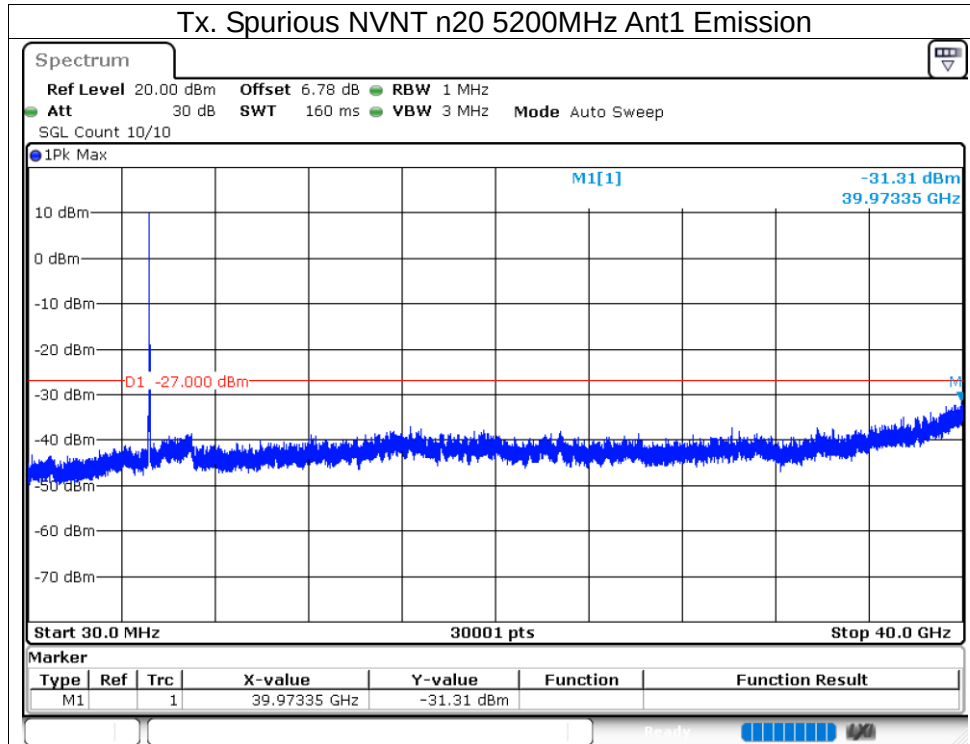


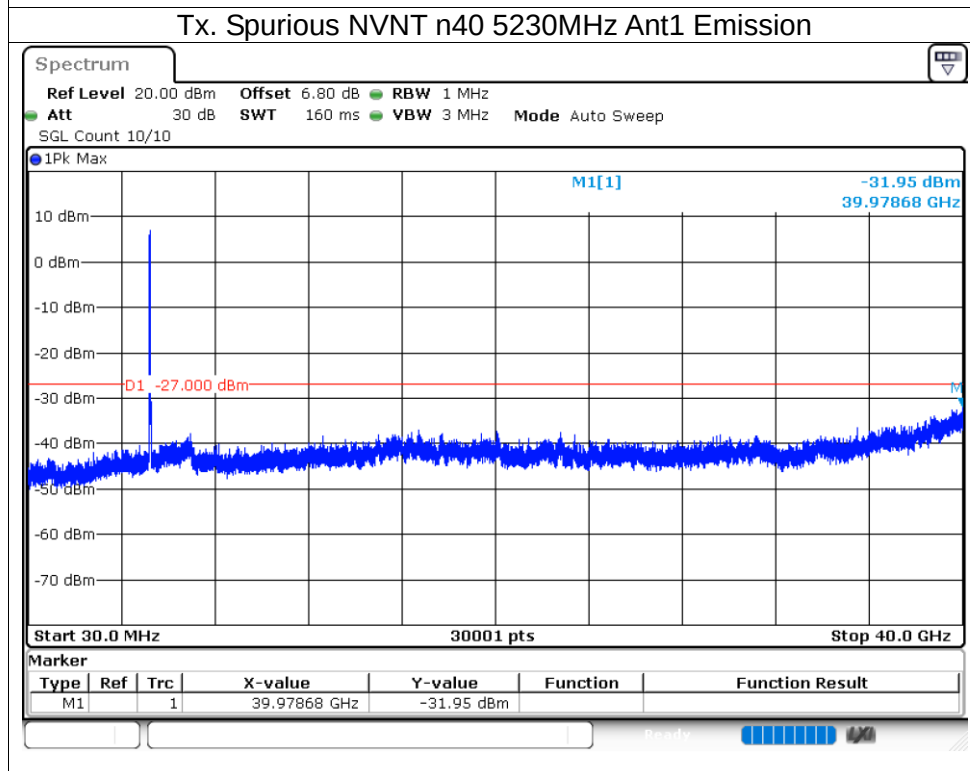
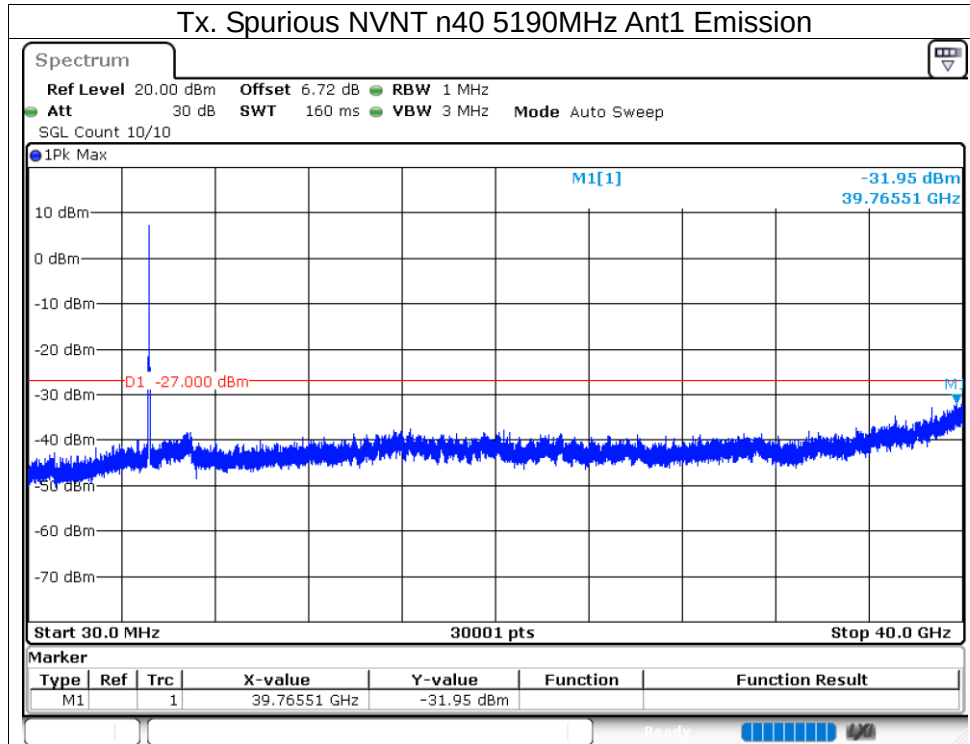
Tx. Spurious NVNT a 5240MHz Ant1 Emission

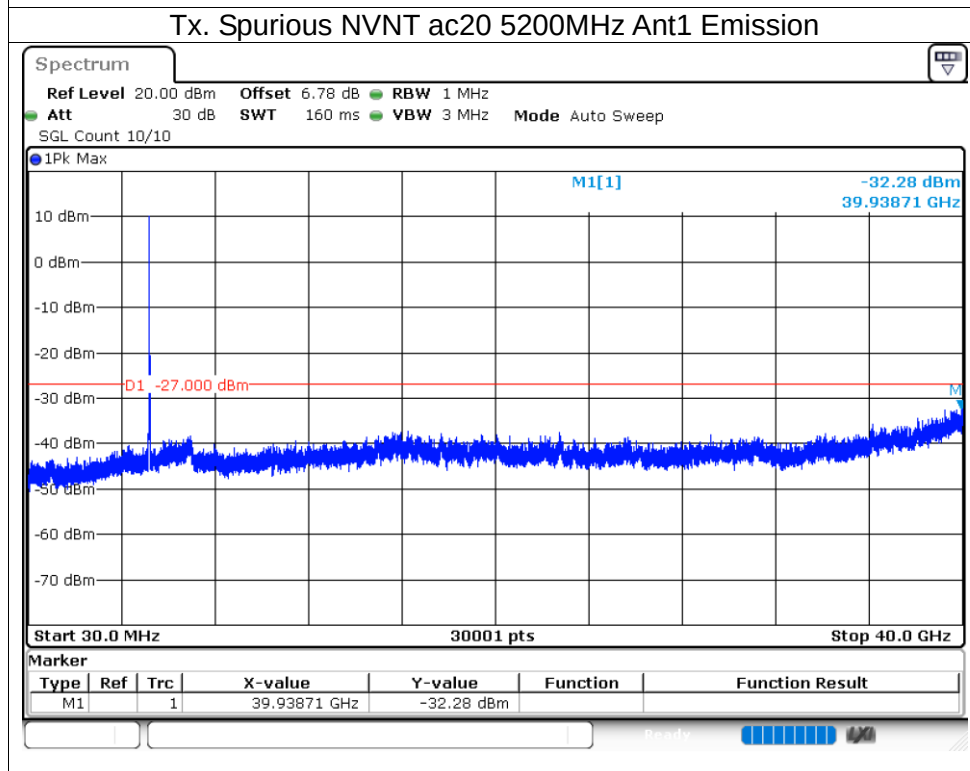
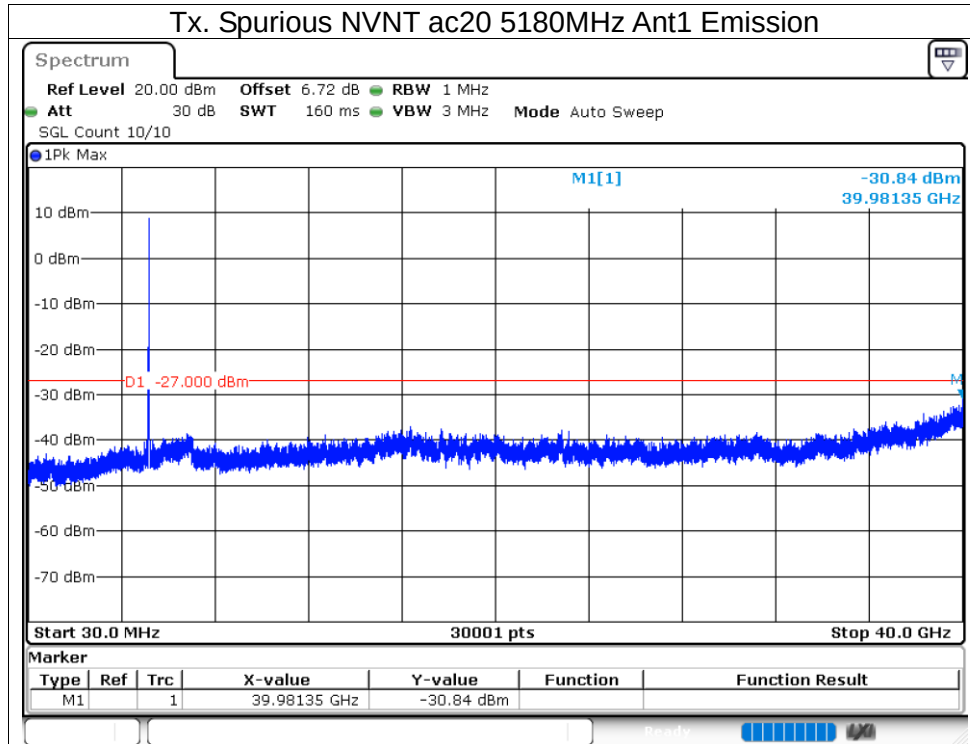


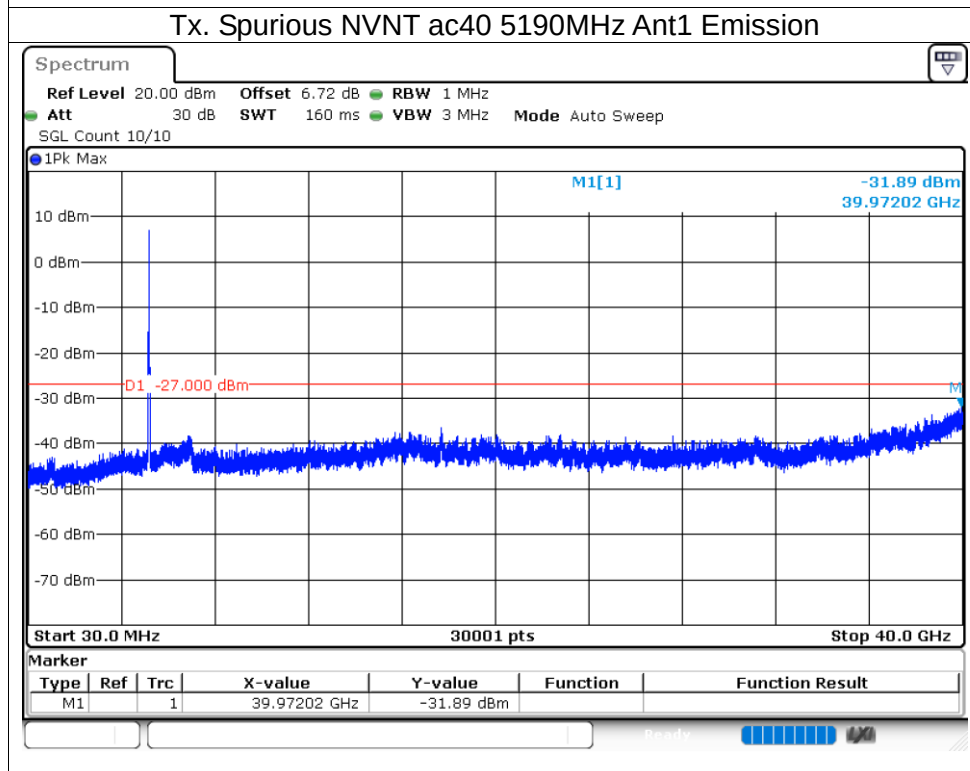
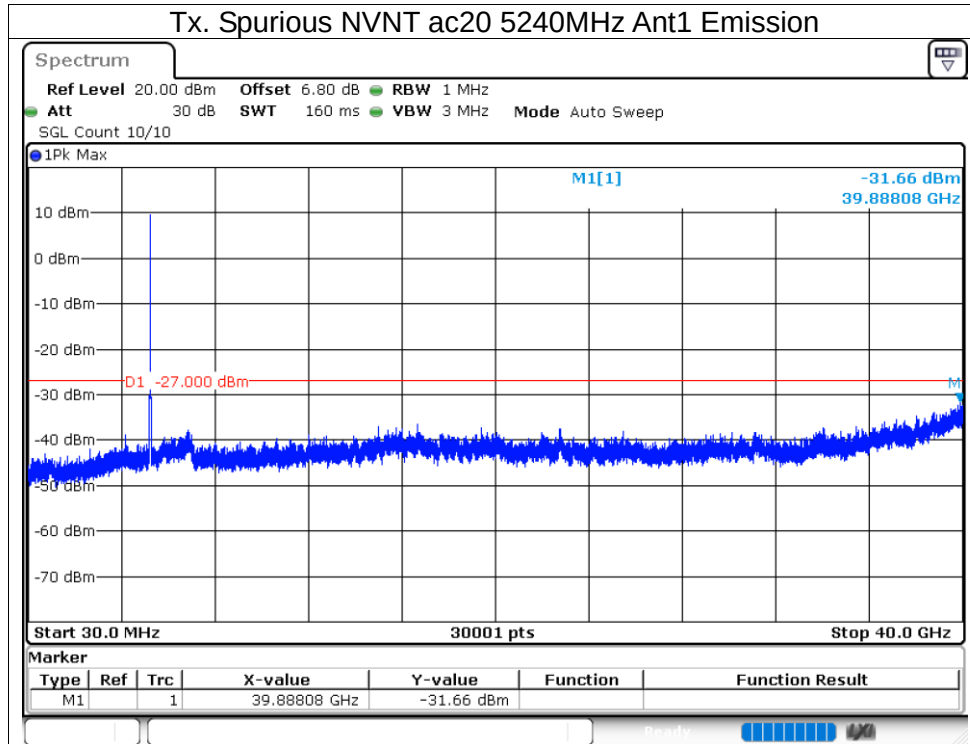
Tx. Spurious NVNT n20 5180MHz Ant1 Emission

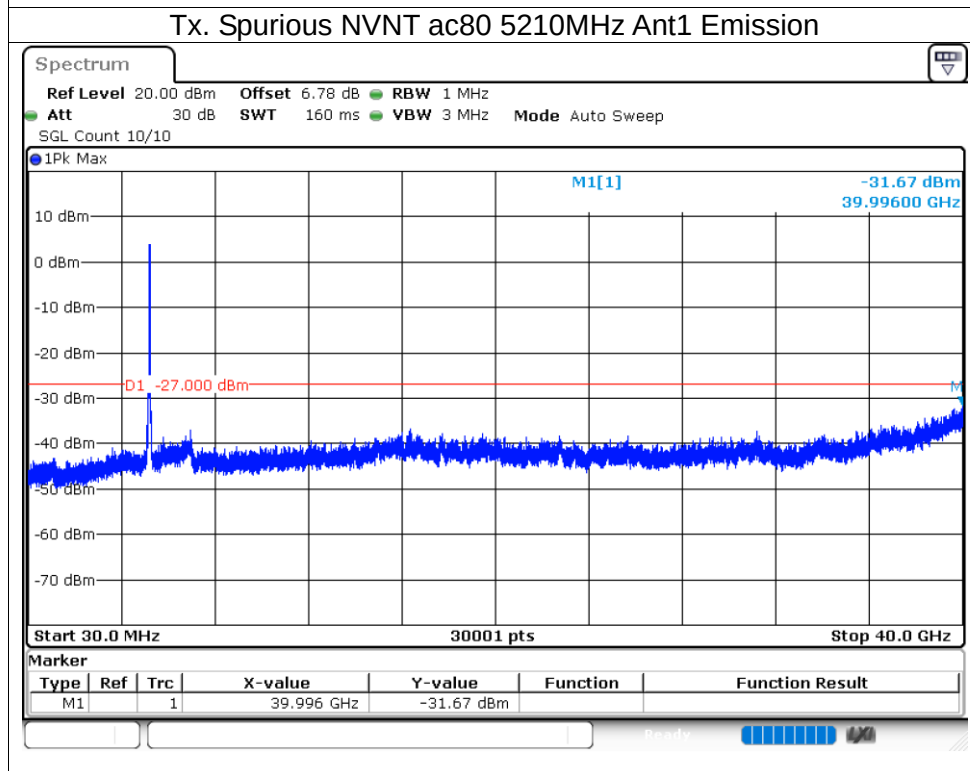
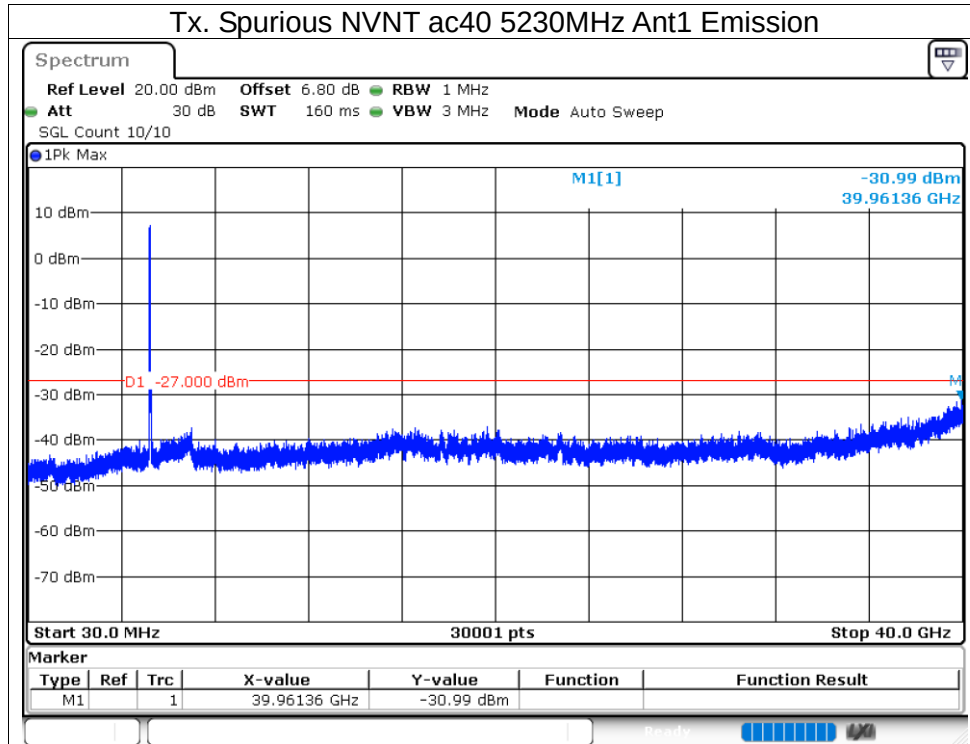












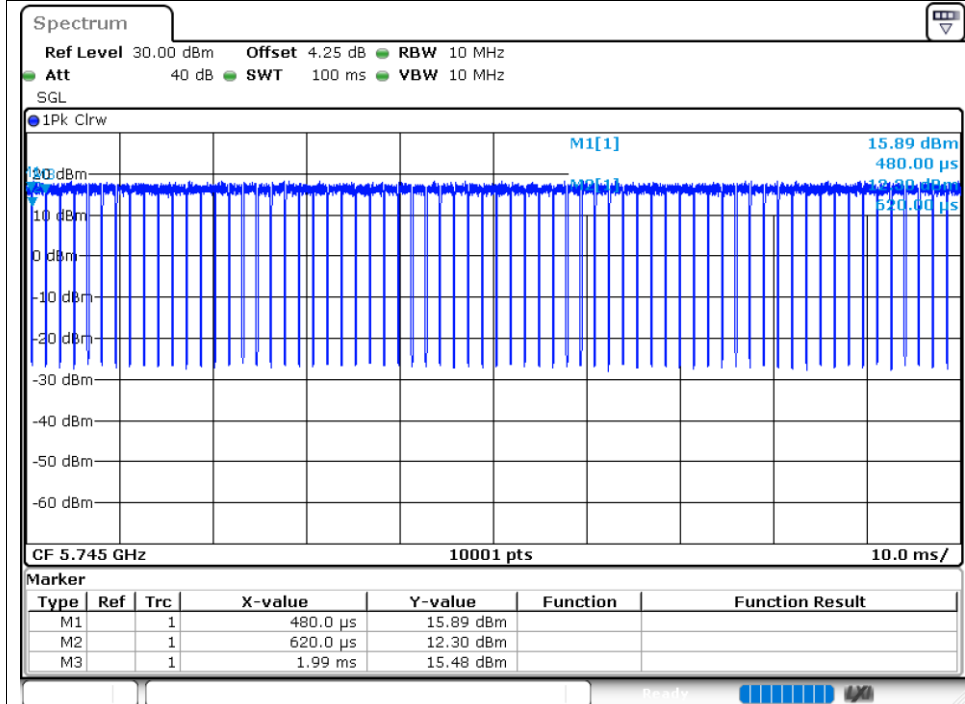
5.8G WIFI

5.1 DUTY CYCLE

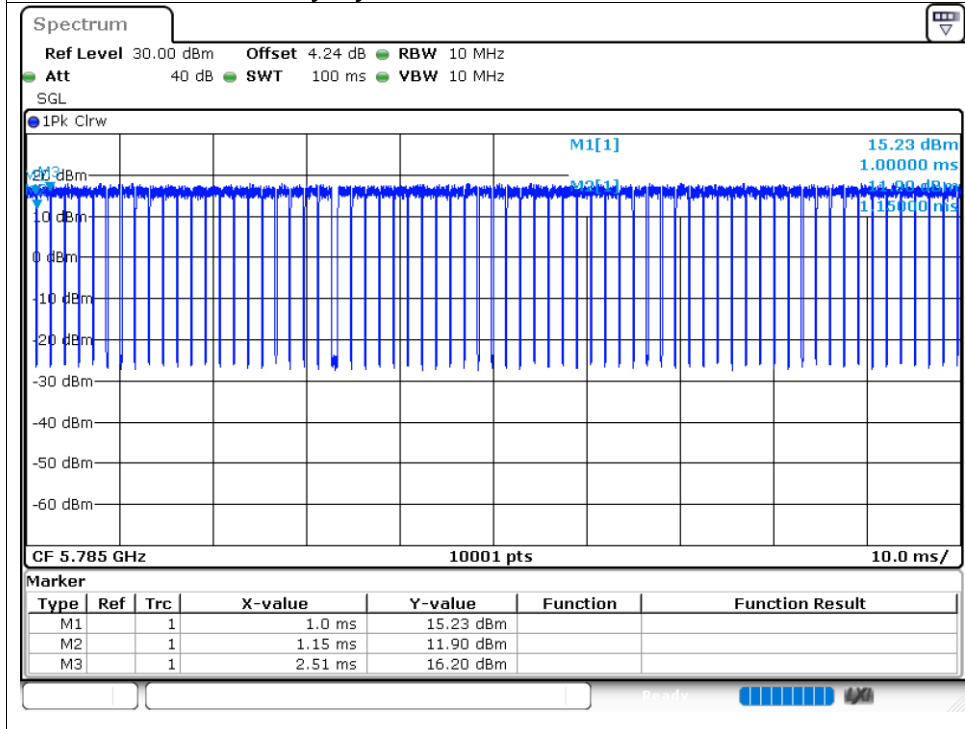
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	91.16	0.4	0.73
NVNT	a	5785	Ant1	90.61	0.43	0.74
NVNT	a	5825	Ant1	91.02	0.41	0.74
NVNT	n20	5745	Ant1	90.2	0.45	0.79
NVNT	n20	5785	Ant1	90.36	0.44	0.78
NVNT	n20	5825	Ant1	90.2	0.45	0.79
NVNT	n40	5755	Ant1	83.36	0.79	1.56
NVNT	n40	5795	Ant1	82.72	0.82	1.56
NVNT	ac20	5745	Ant1	90.62	0.43	0.78
NVNT	ac20	5785	Ant1	90.09	0.45	0.78
NVNT	ac20	5825	Ant1	90.62	0.43	0.78
NVNT	ac40	5755	Ant1	82.85	0.82	1.56
NVNT	ac40	5795	Ant1	82.98	0.81	1.56
NVNT	ac80	5775	Ant1	71.28	1.47	3.12

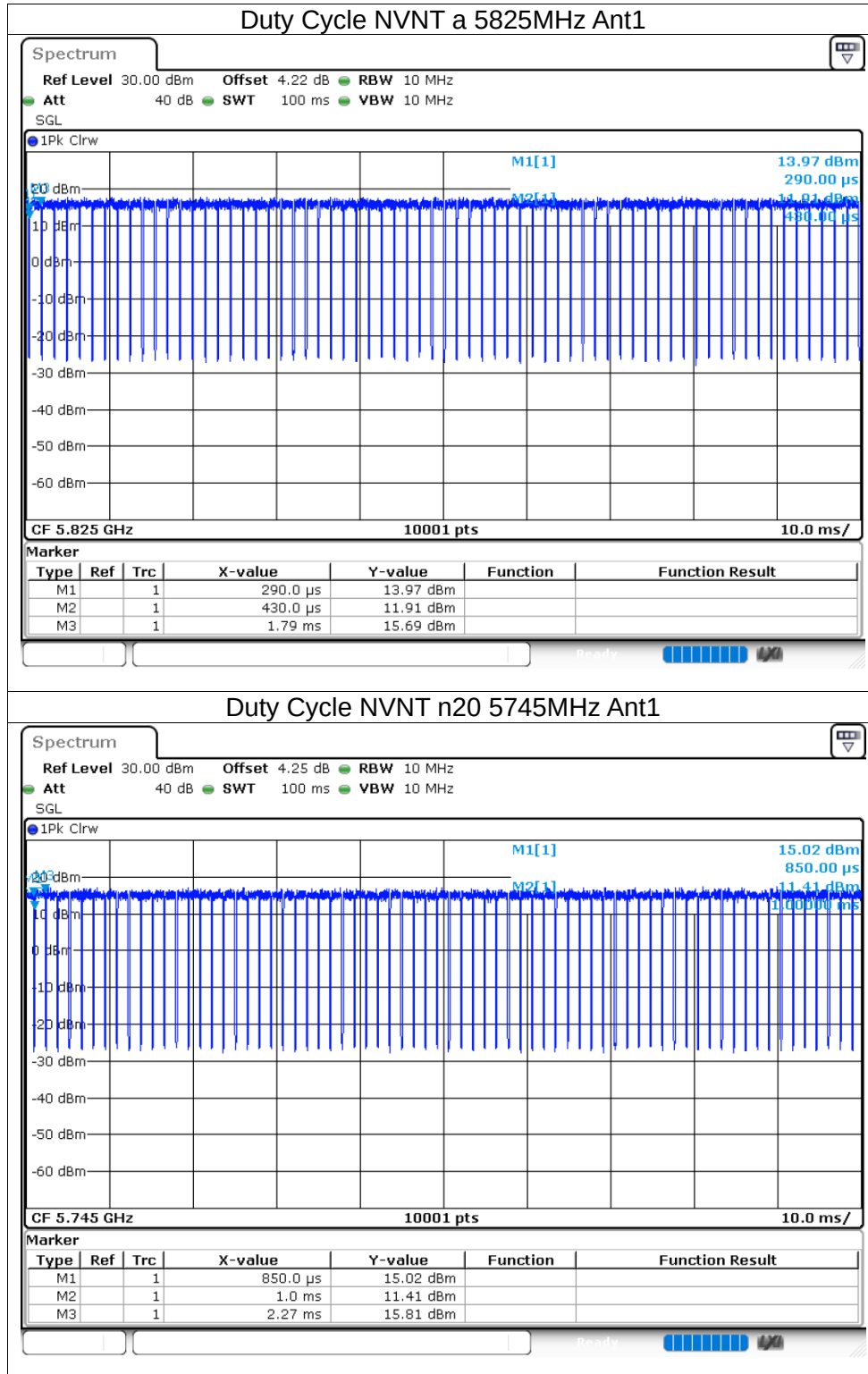
Test Graphs

Duty Cycle NVNT a 5745MHz Ant1

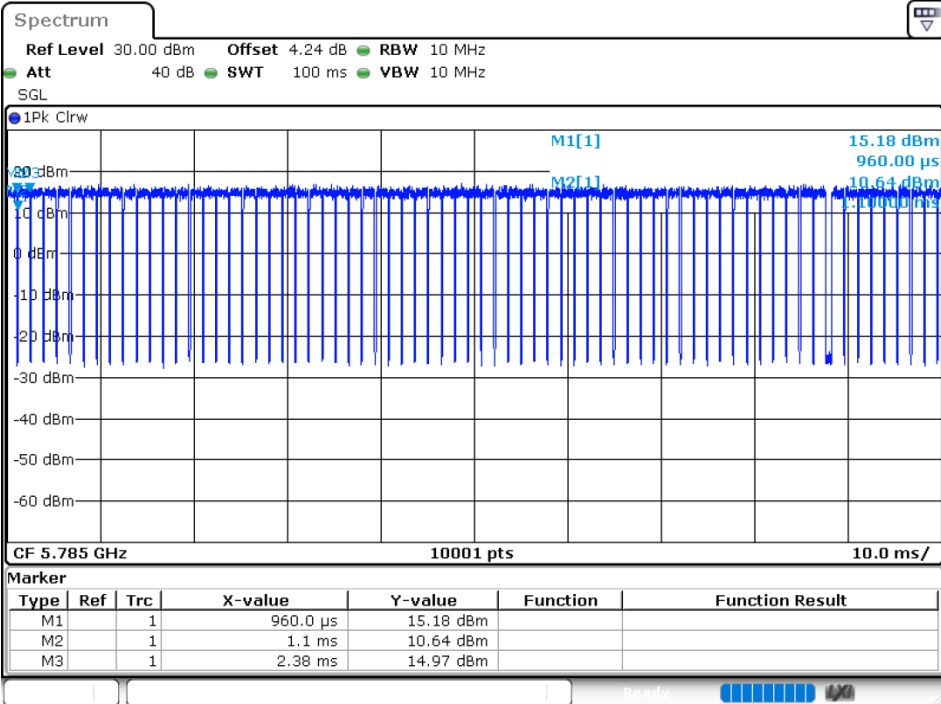


Duty Cycle NVNT a 5785MHz Ant1

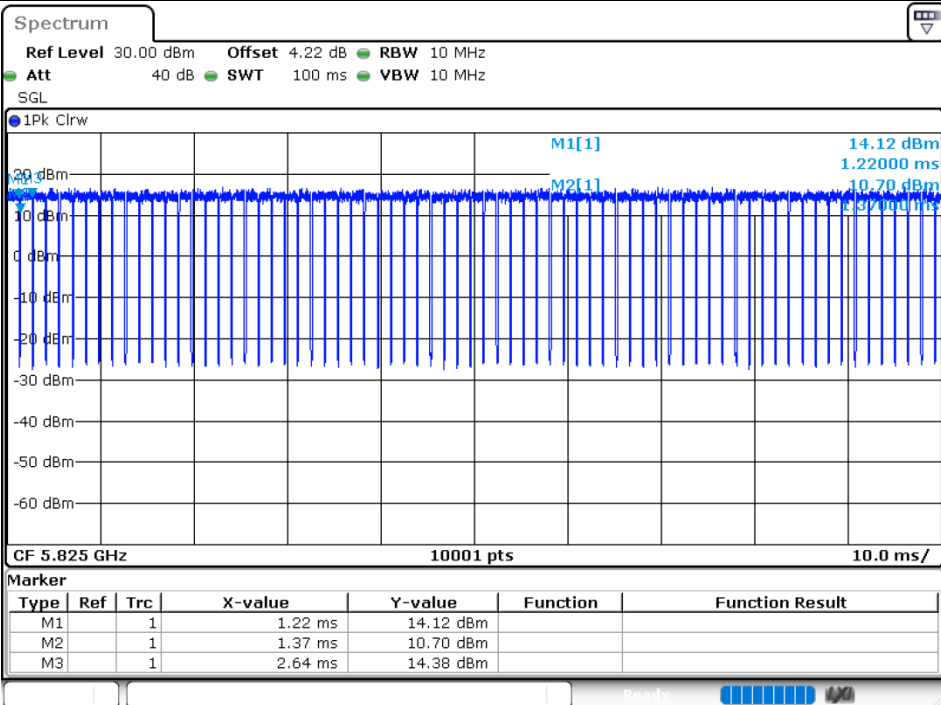


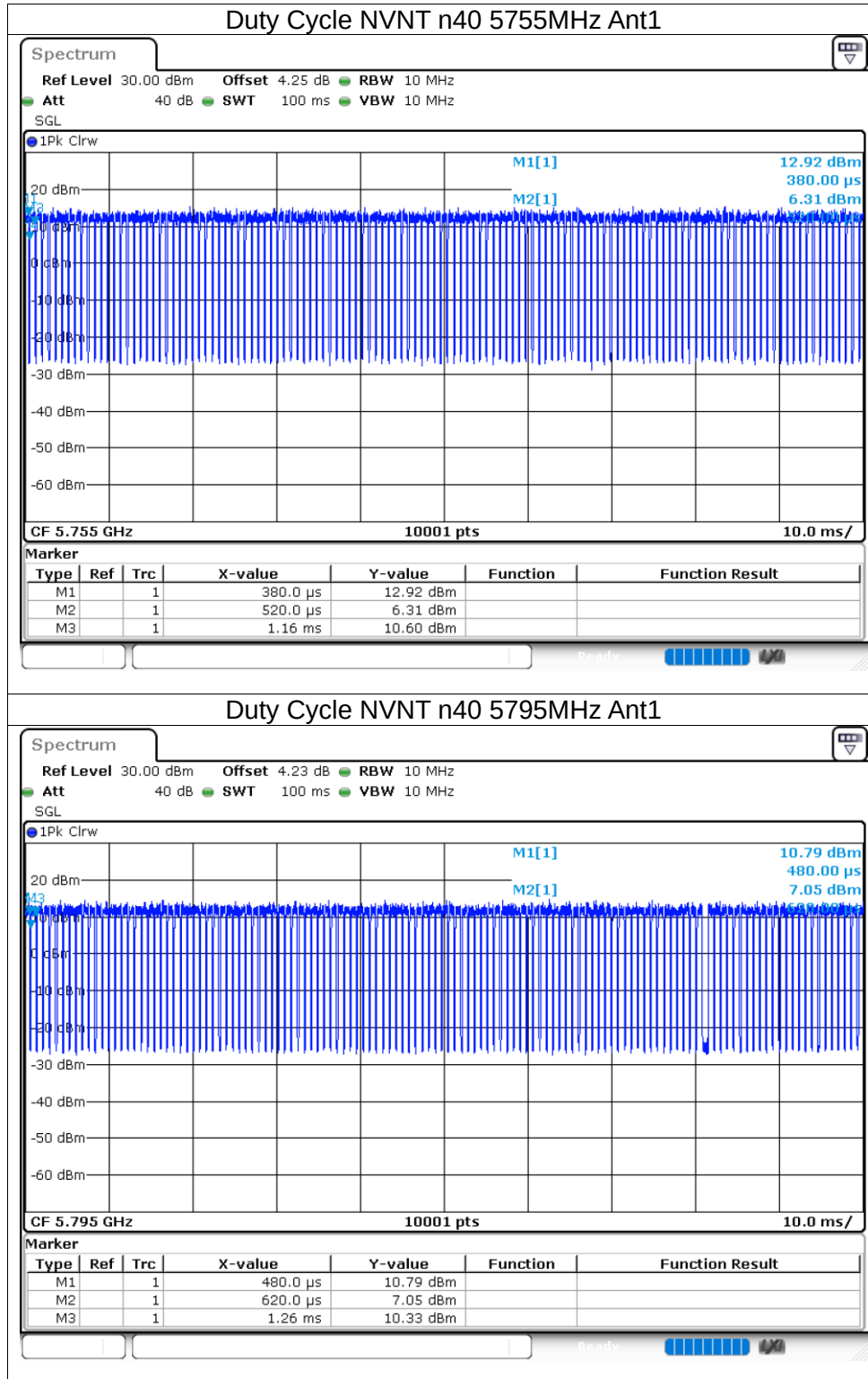


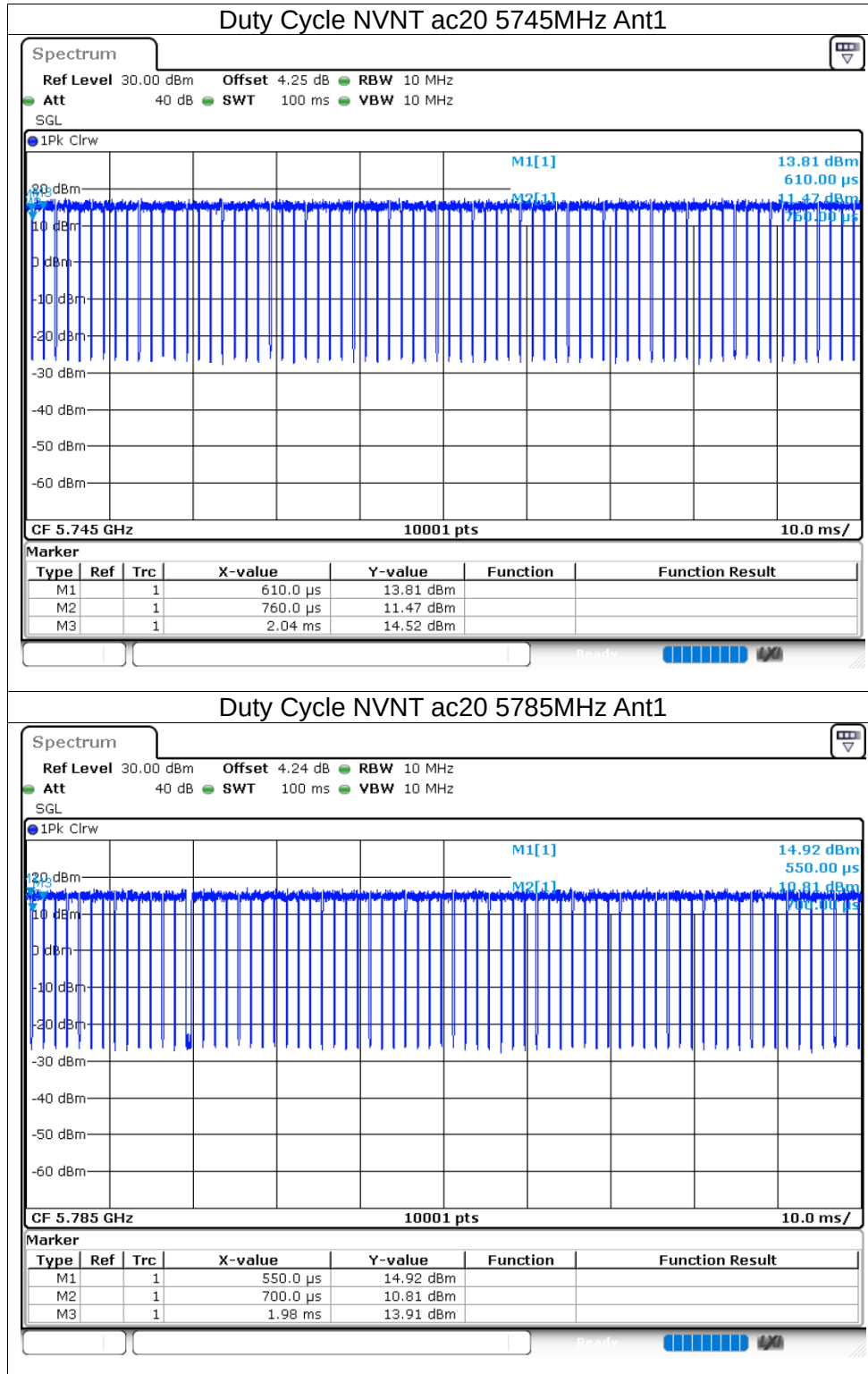
Duty Cycle NVNT n20 5785MHz Ant1

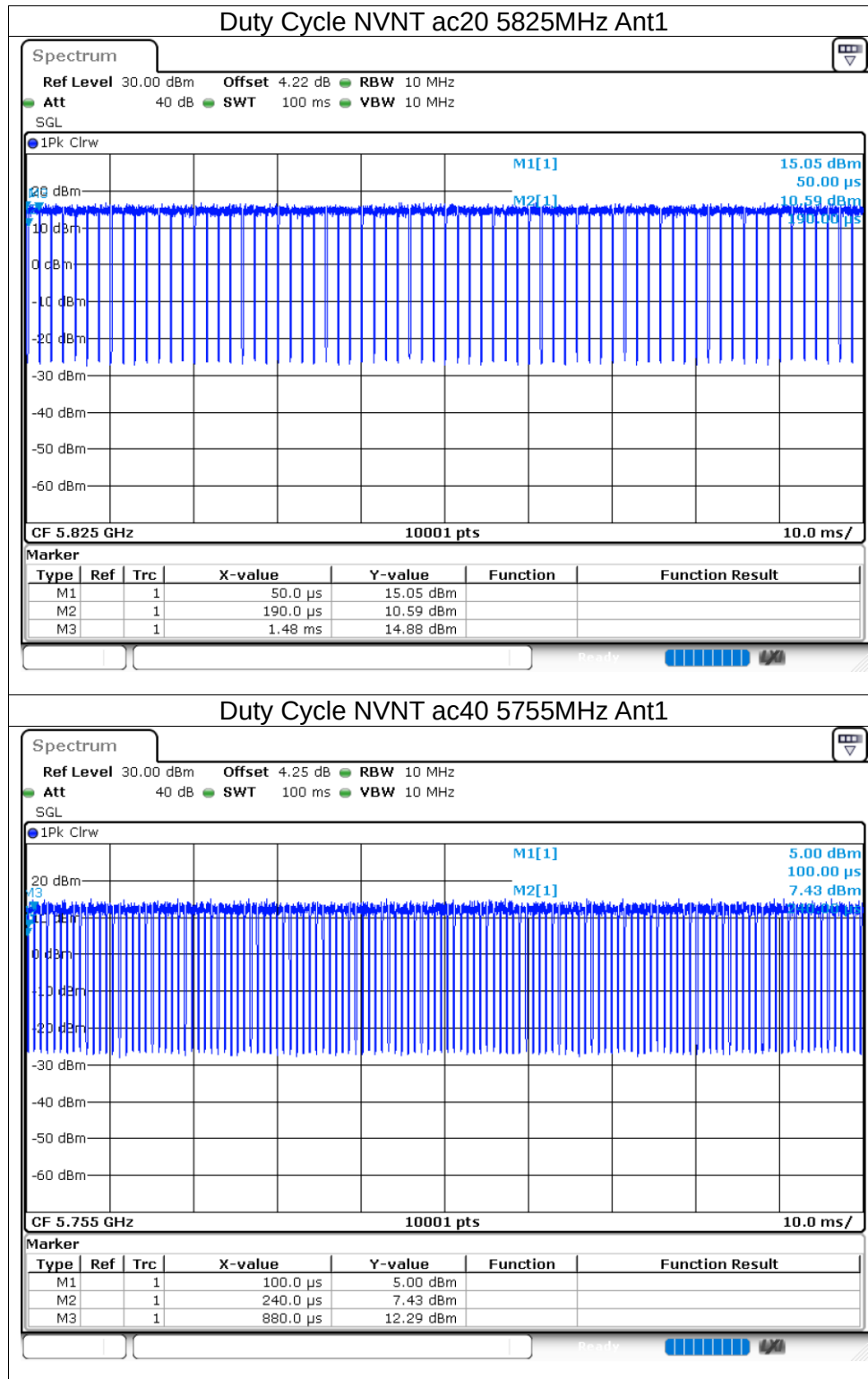


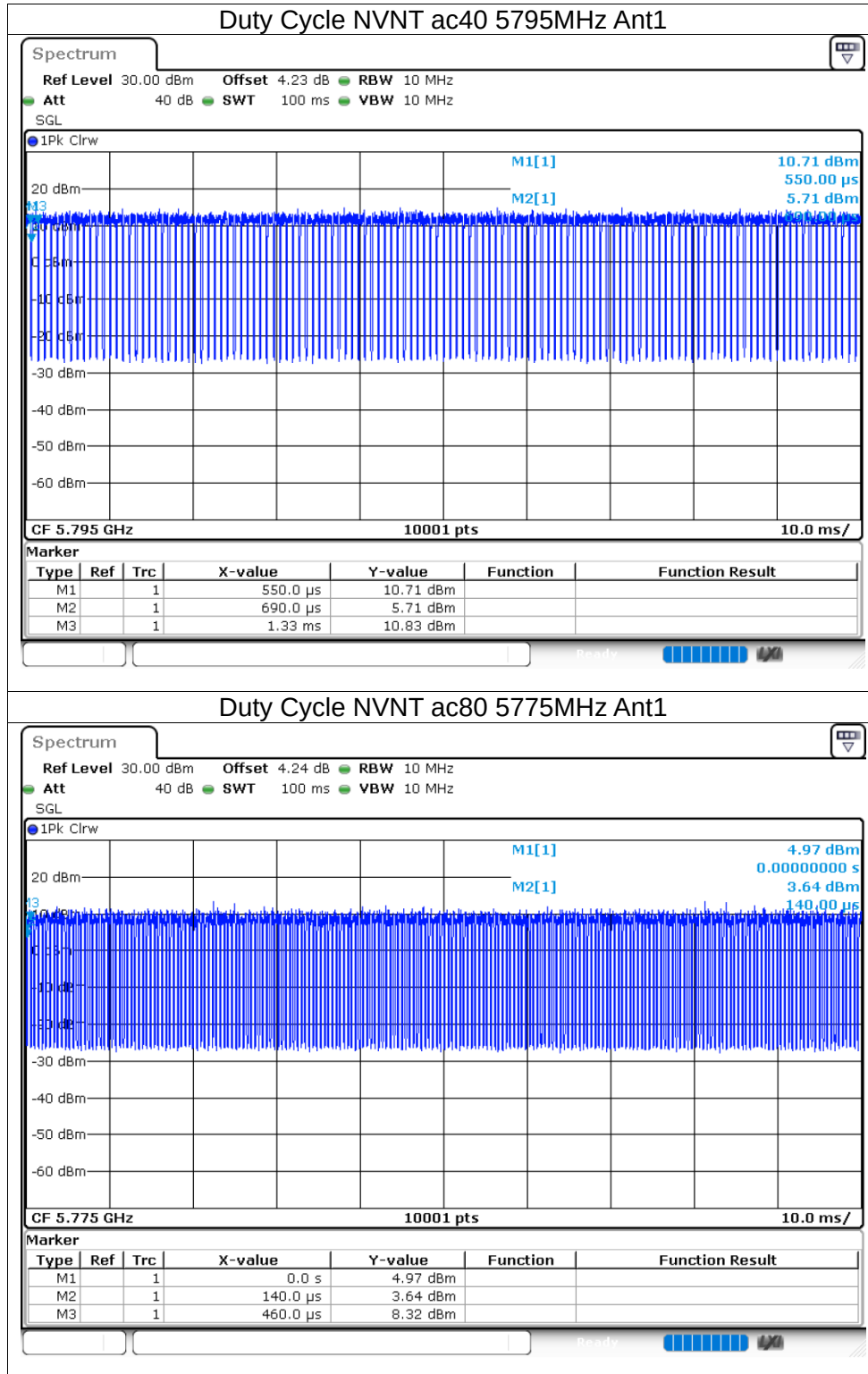
Duty Cycle NVNT n20 5825MHz Ant1











5.2 MAXIMUM CONDUCTED OUTPUT POWER

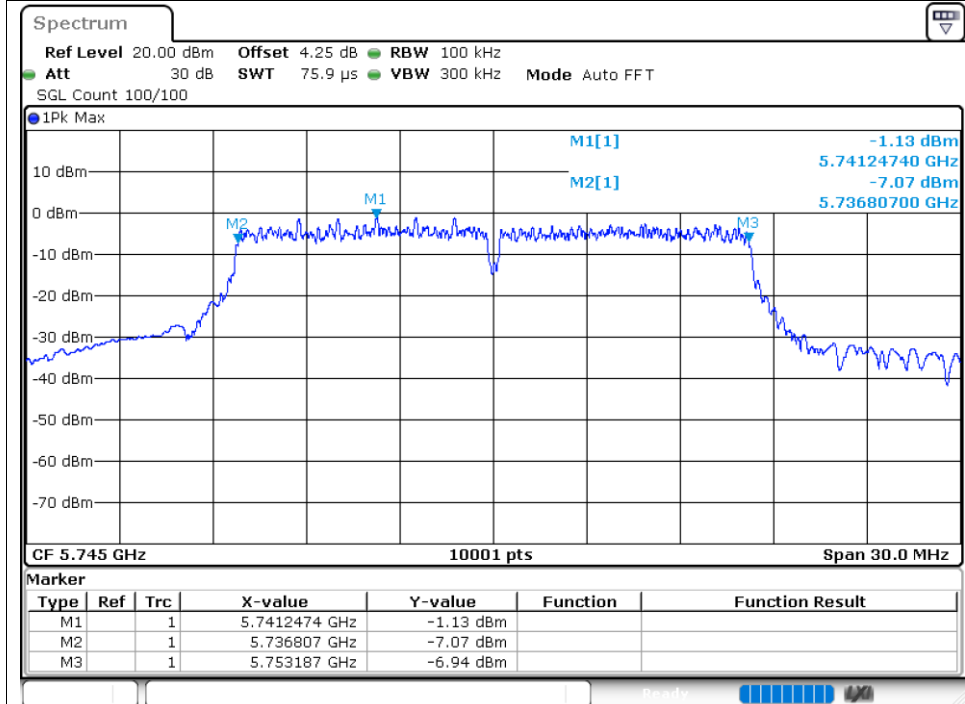
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	12.83	30	Pass
NVNT	a	5785	Ant1	12.84	30	Pass
NVNT	a	5825	Ant1	12.77	30	Pass
NVNT	n20	5745	Ant1	11.96	30	Pass
NVNT	n20	5785	Ant1	12.01	30	Pass
NVNT	n20	5825	Ant1	12.01	30	Pass
NVNT	n40	5755	Ant1	11.94	30	Pass
NVNT	n40	5795	Ant1	12.08	30	Pass
NVNT	ac20	5745	Ant1	12.06	30	Pass
NVNT	ac20	5785	Ant1	12.06	30	Pass
NVNT	ac20	5825	Ant1	12	30	Pass
NVNT	ac40	5755	Ant1	11.92	30	Pass
NVNT	ac40	5795	Ant1	12	30	Pass
NVNT	ac80	5775	Ant1	12.02	30	Pass

5.3 -6DB BANDWIDTH

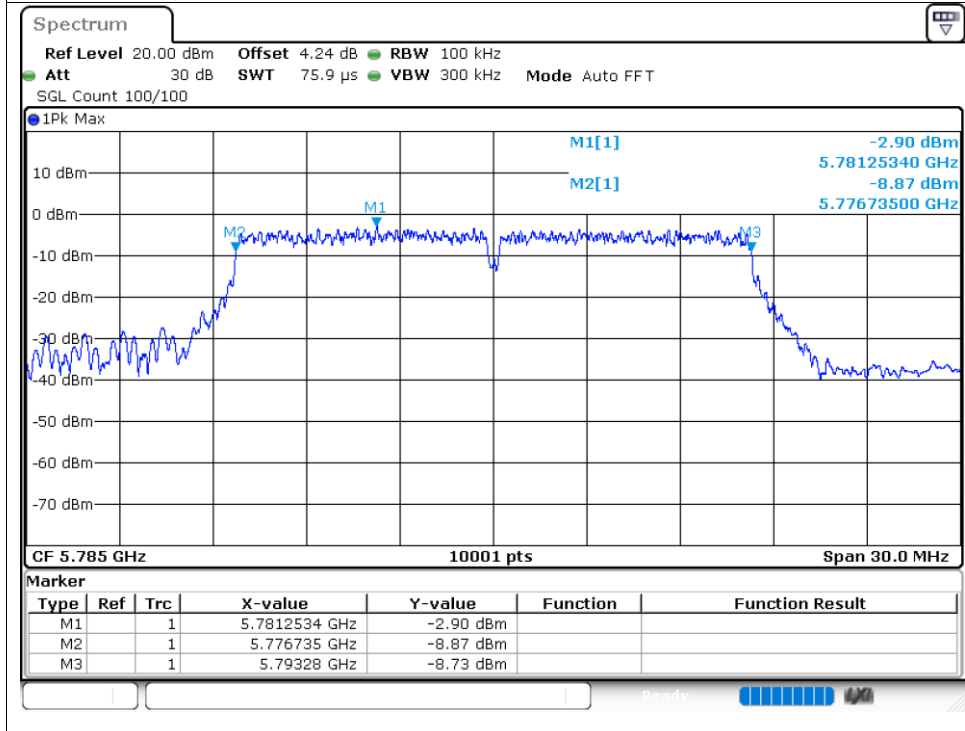
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.38	0.5	Pass
NVNT	a	5785	Ant1	16.545	0.5	Pass
NVNT	a	5825	Ant1	16.464	0.5	Pass
NVNT	n20	5745	Ant1	17.322	0.5	Pass
NVNT	n20	5785	Ant1	17.565	0.5	Pass
NVNT	n20	5825	Ant1	17.277	0.5	Pass
NVNT	n40	5755	Ant1	35.484	0.5	Pass
NVNT	n40	5795	Ant1	36.336	0.5	Pass
NVNT	ac20	5745	Ant1	17.55	0.5	Pass
NVNT	ac20	5785	Ant1	17.685	0.5	Pass
NVNT	ac20	5825	Ant1	17.556	0.5	Pass
NVNT	ac40	5755	Ant1	36.066	0.5	Pass
NVNT	ac40	5795	Ant1	36.312	0.5	Pass
NVNT	ac80	5775	Ant1	75.096	0.5	Pass

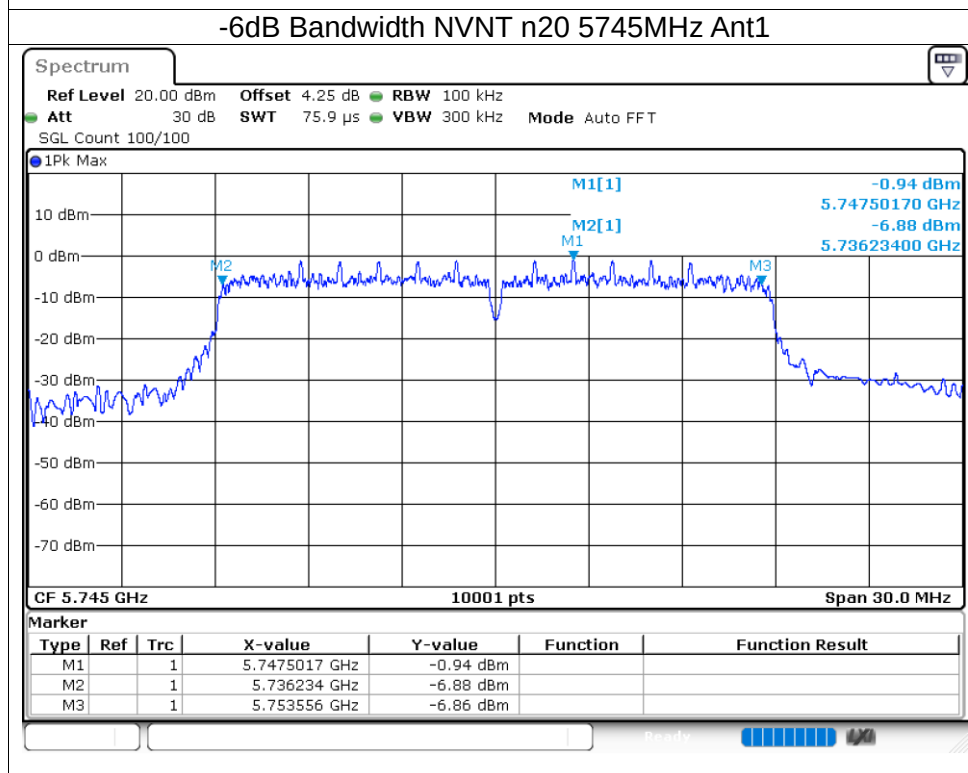
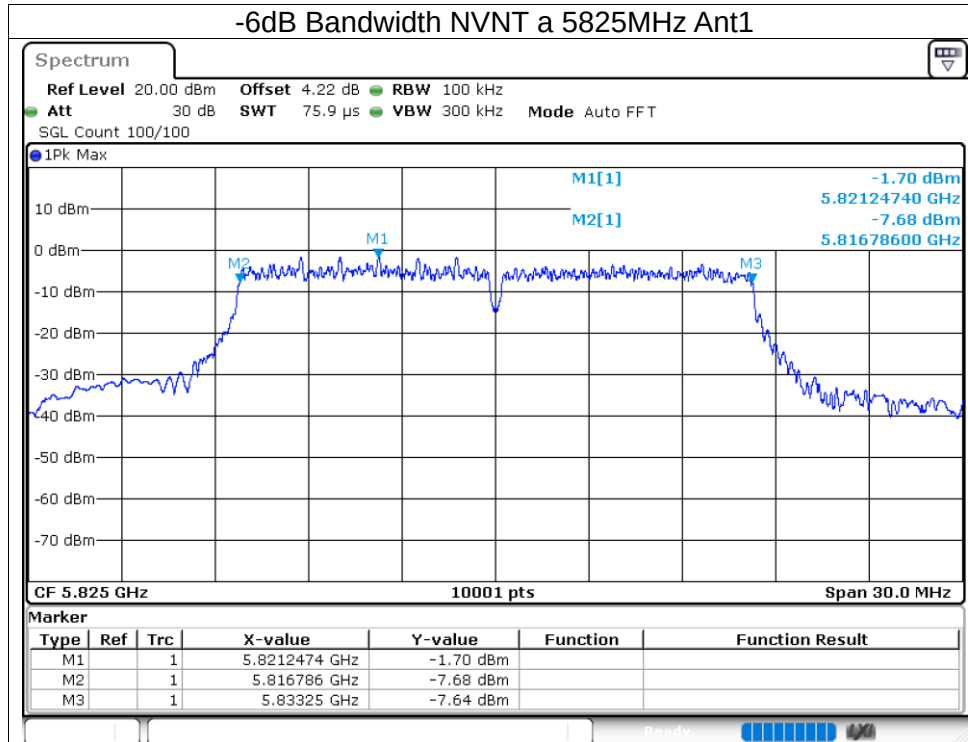
Test Graphs

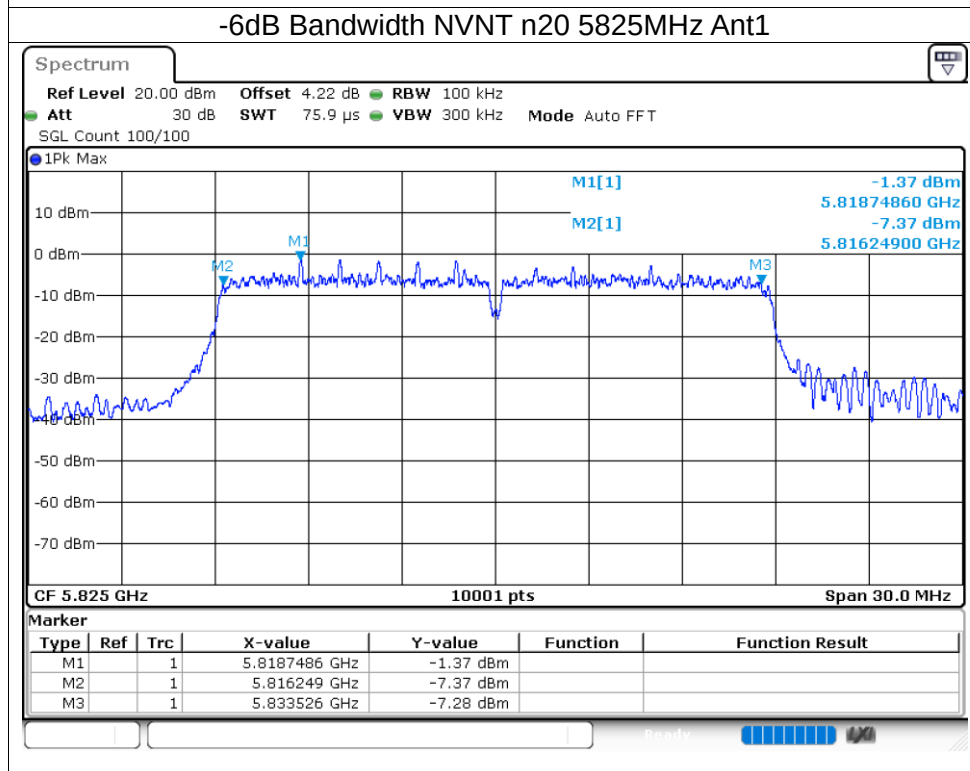
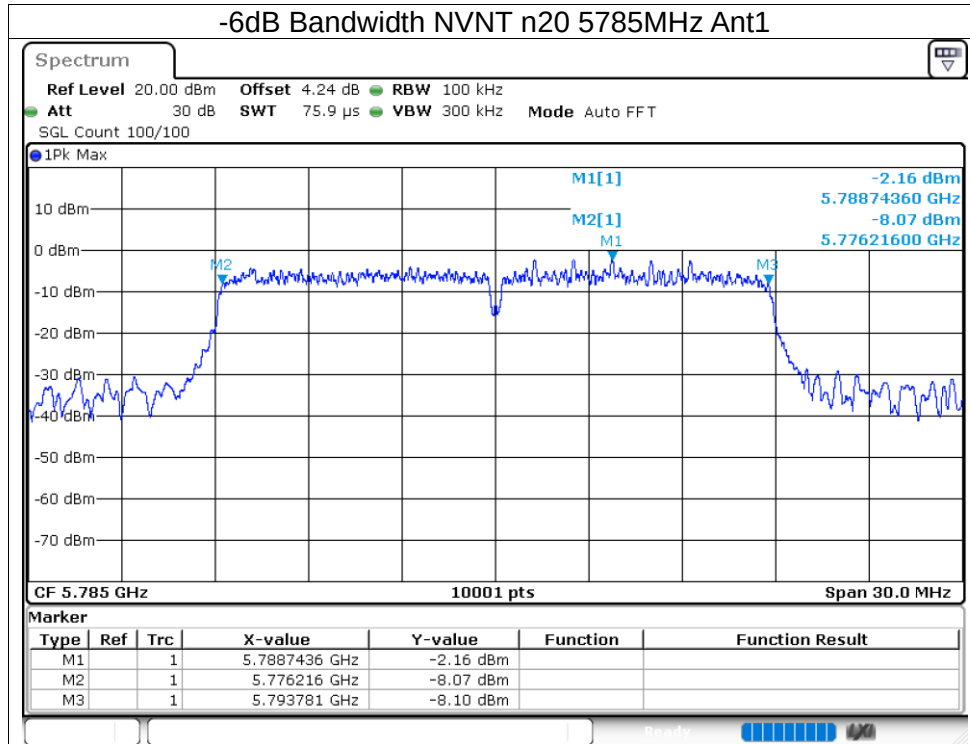
-6dB Bandwidth NVNT a 5745MHz Ant1



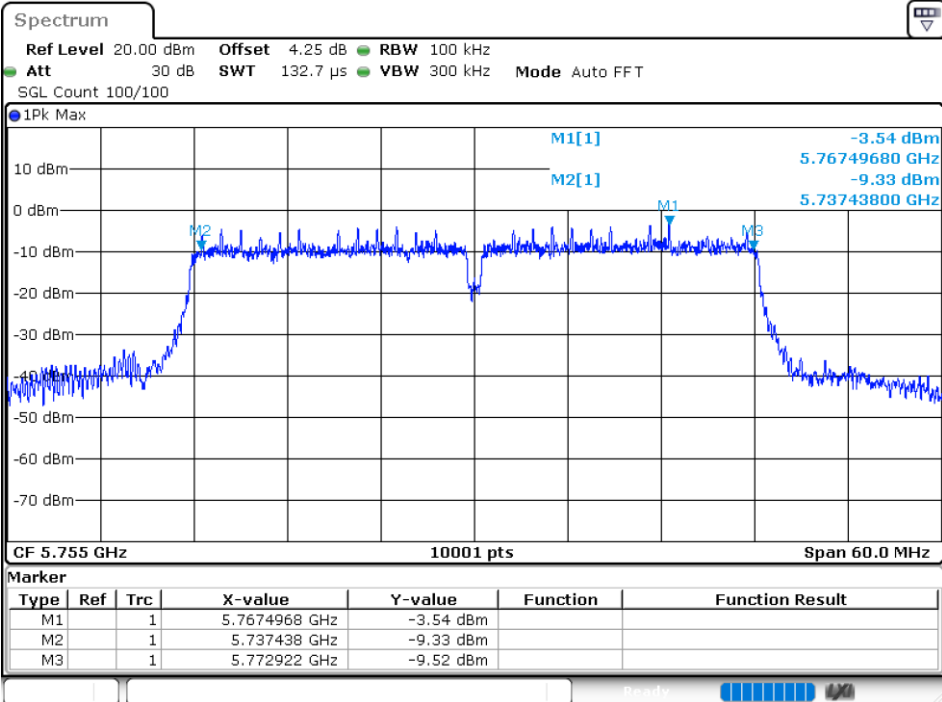
-6dB Bandwidth NVNT a 5785MHz Ant1



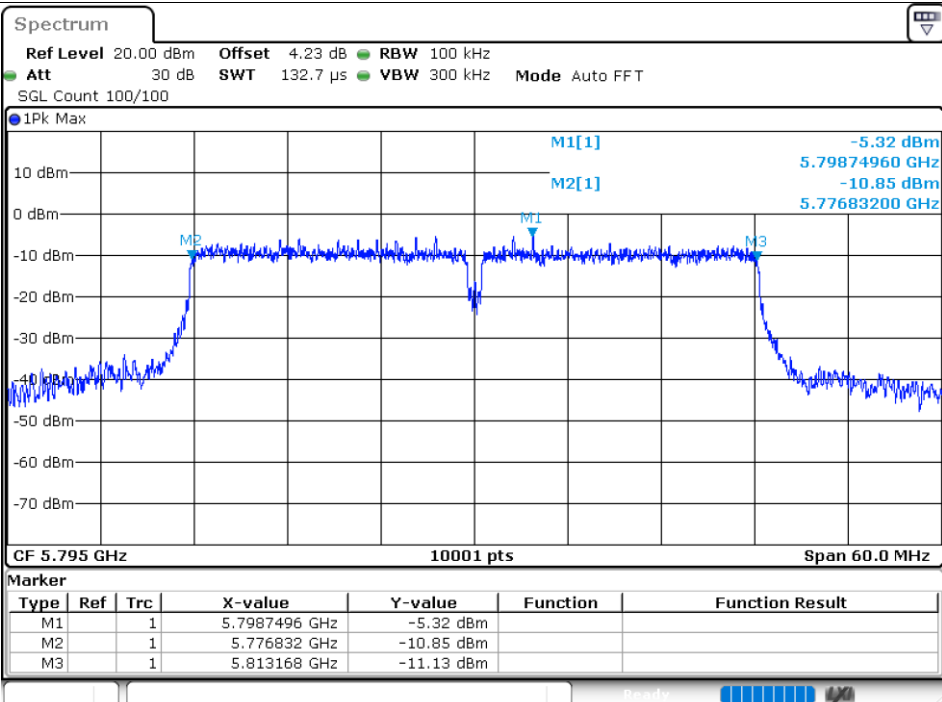


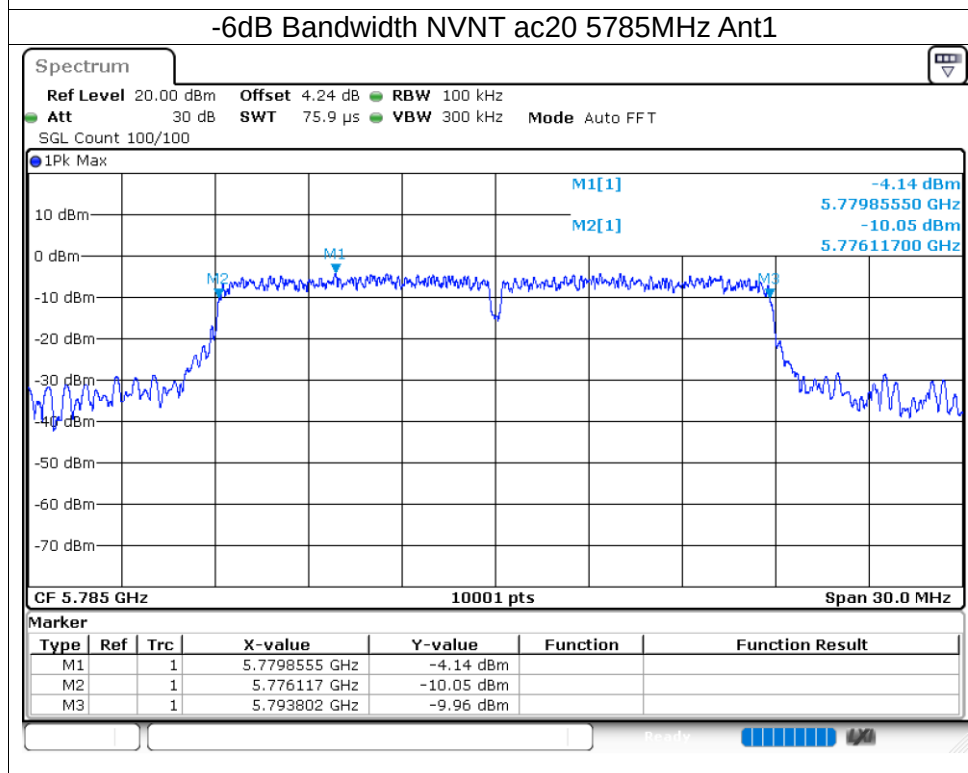
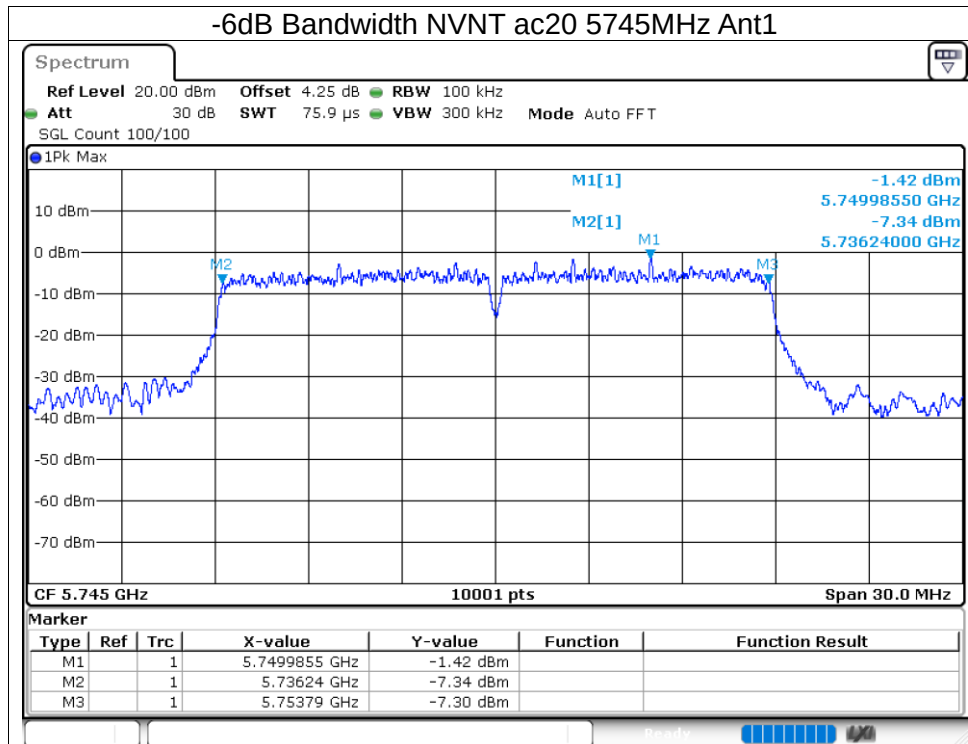


-6dB Bandwidth NVNT n40 5755MHz Ant1

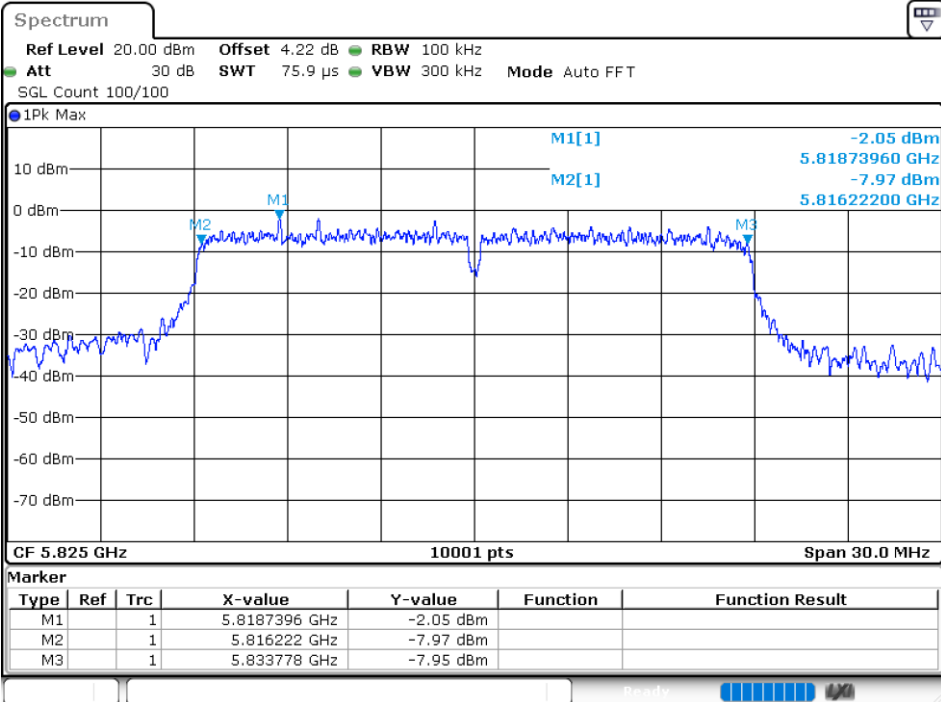


-6dB Bandwidth NVNT n40 5795MHz Ant1

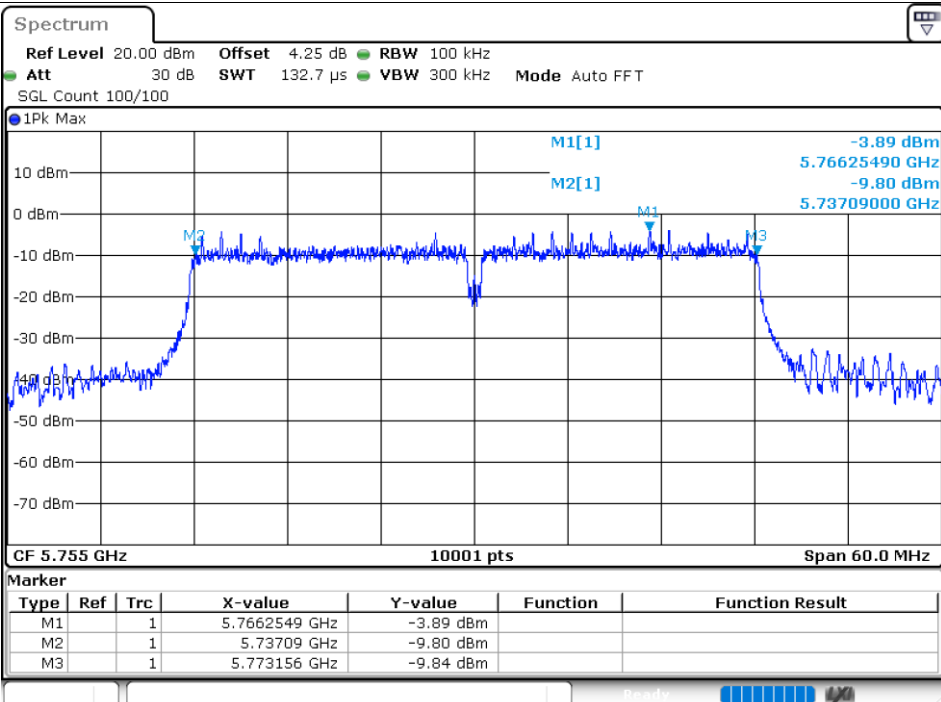


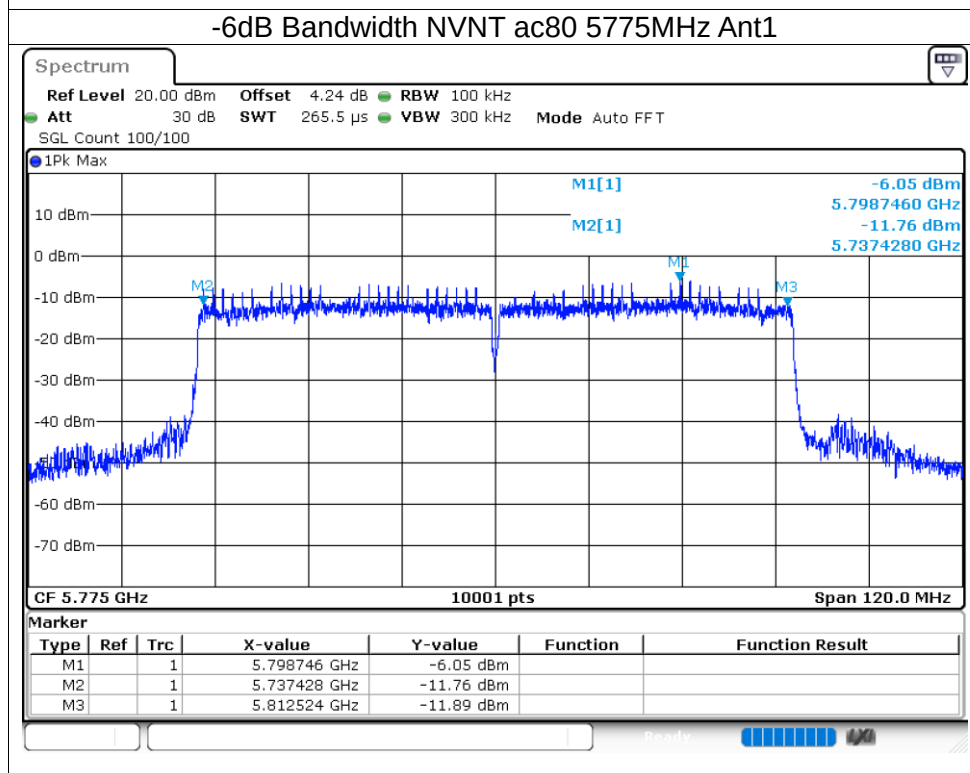
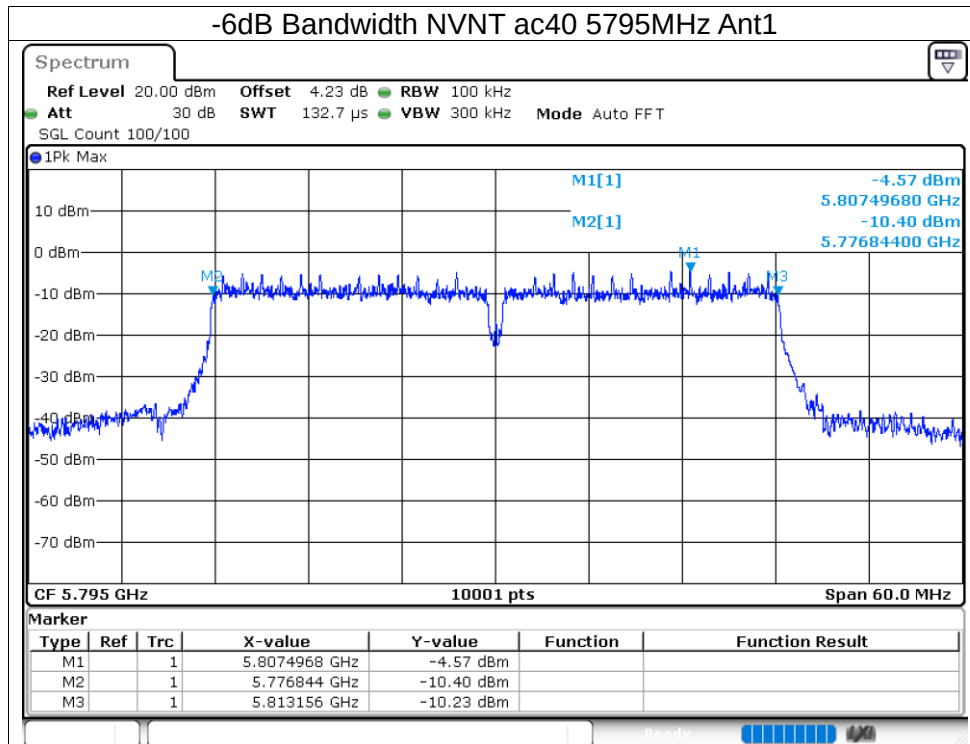


-6dB Bandwidth NVNT ac20 5825MHz Ant1



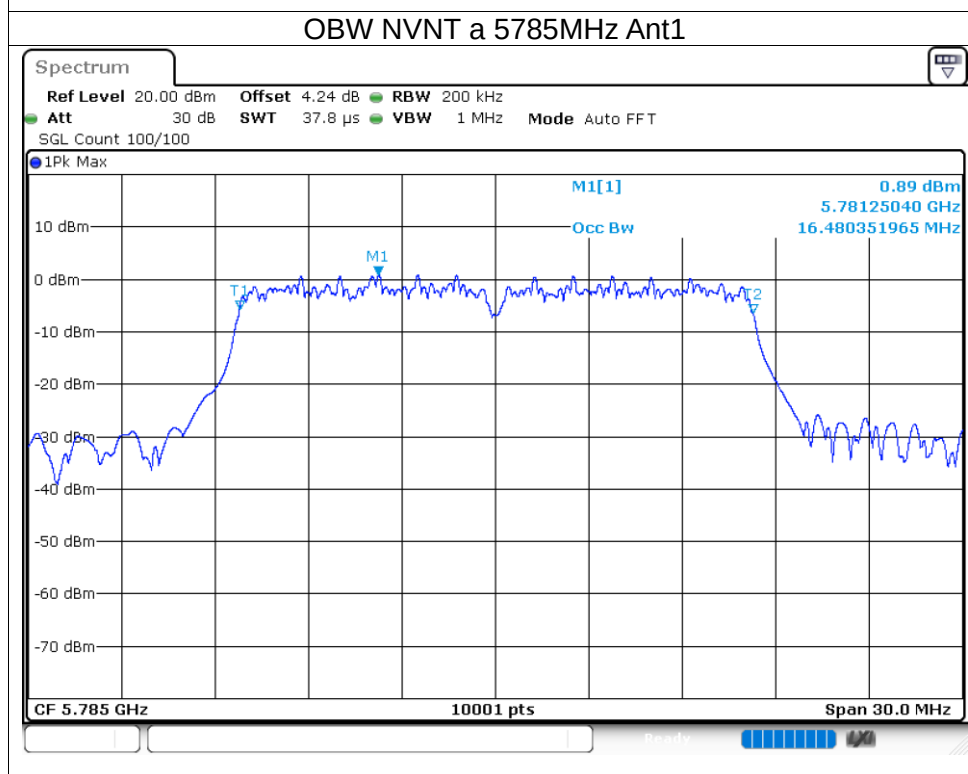
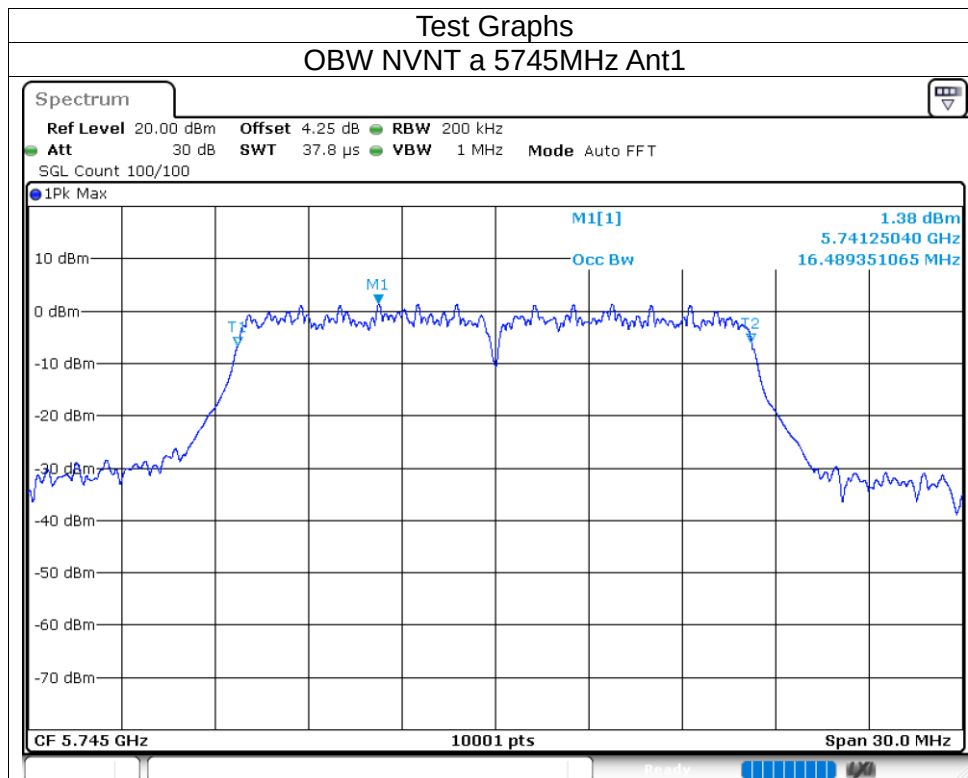
-6dB Bandwidth NVNT ac40 5755MHz Ant1



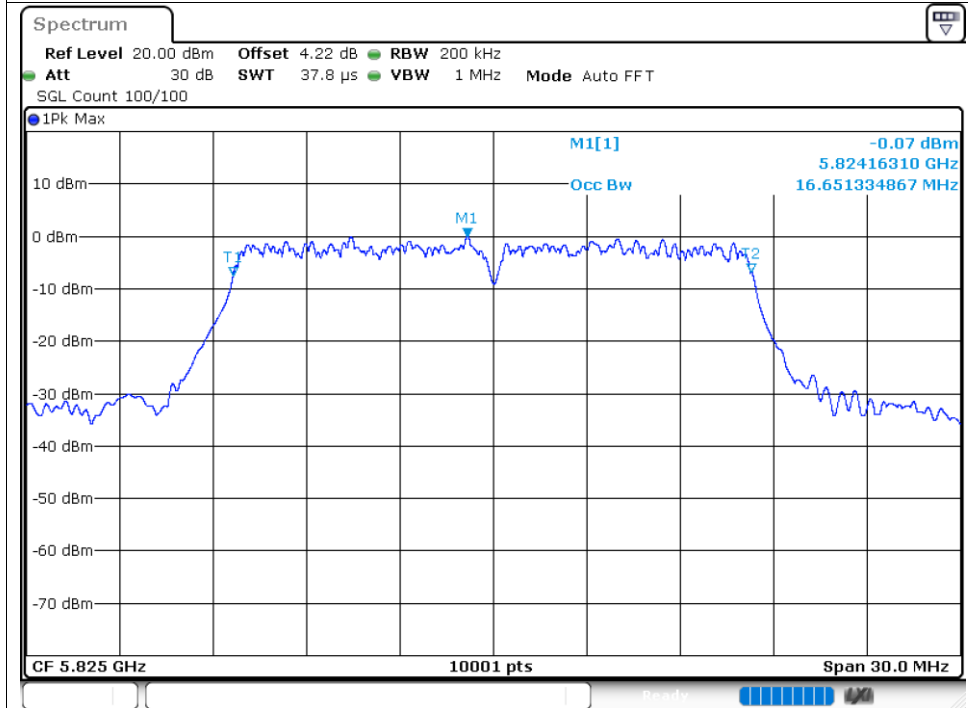


5.4 OCCUPIED CHANNEL BANDWIDTH

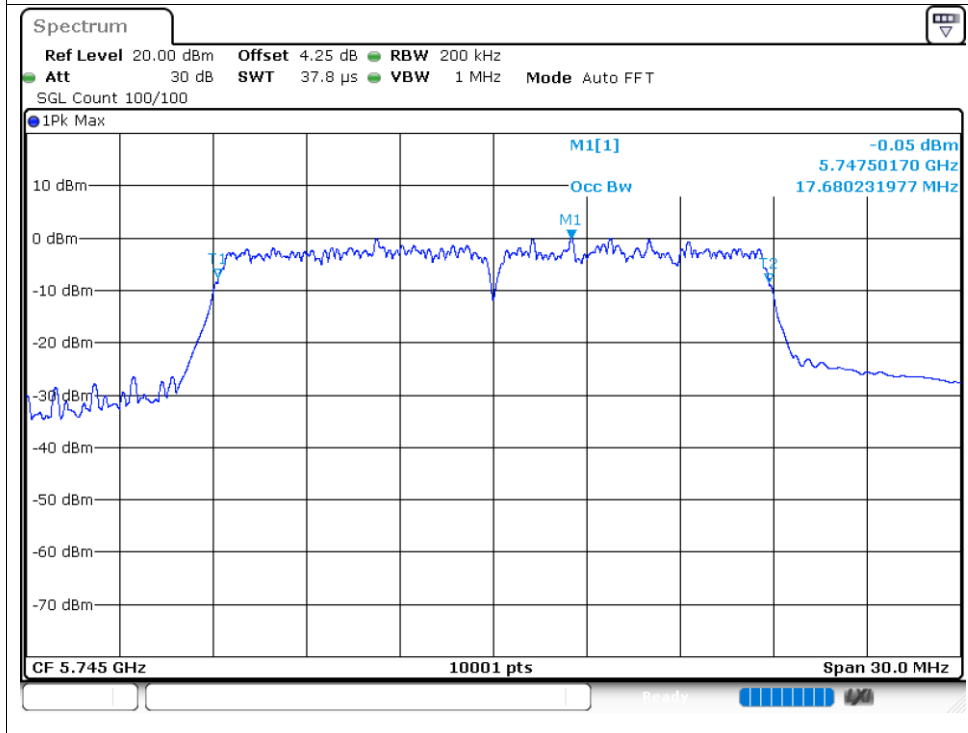
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.489
NVNT	a	5785	Ant1	16.48
NVNT	a	5825	Ant1	16.651
NVNT	n20	5745	Ant1	17.68
NVNT	n20	5785	Ant1	17.596
NVNT	n20	5825	Ant1	17.575
NVNT	n40	5755	Ant1	36.218
NVNT	n40	5795	Ant1	36.29
NVNT	ac20	5745	Ant1	17.578
NVNT	ac20	5785	Ant1	17.578
NVNT	ac20	5825	Ant1	17.632
NVNT	ac40	5755	Ant1	36.206
NVNT	ac40	5795	Ant1	36.314
NVNT	ac80	5775	Ant1	75.436



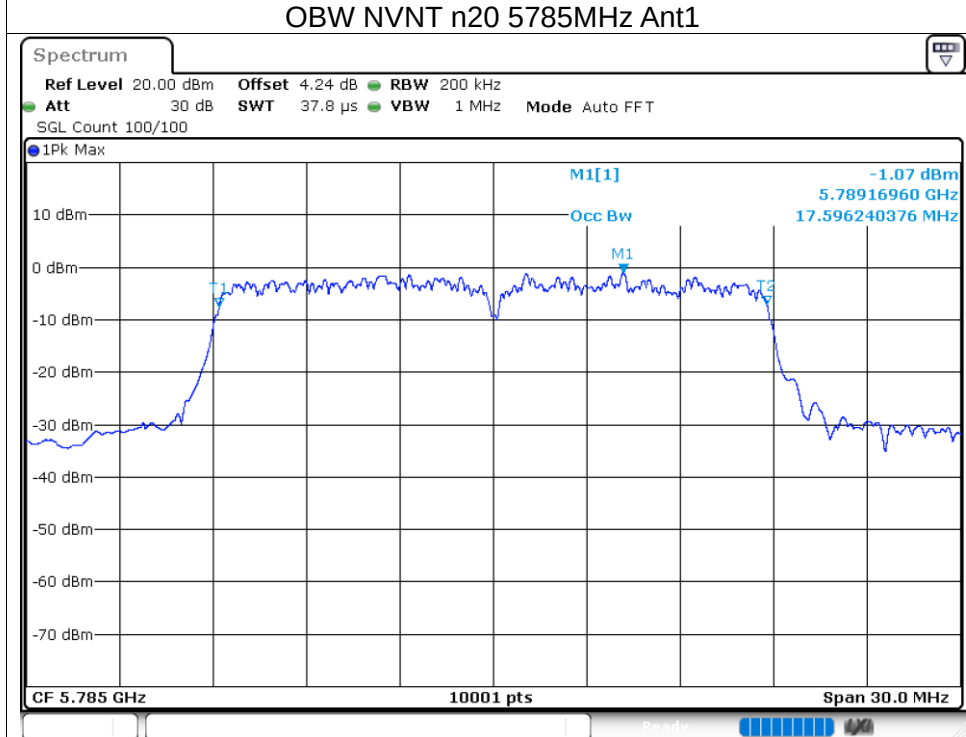
OBW NVNT a 5825MHz Ant1



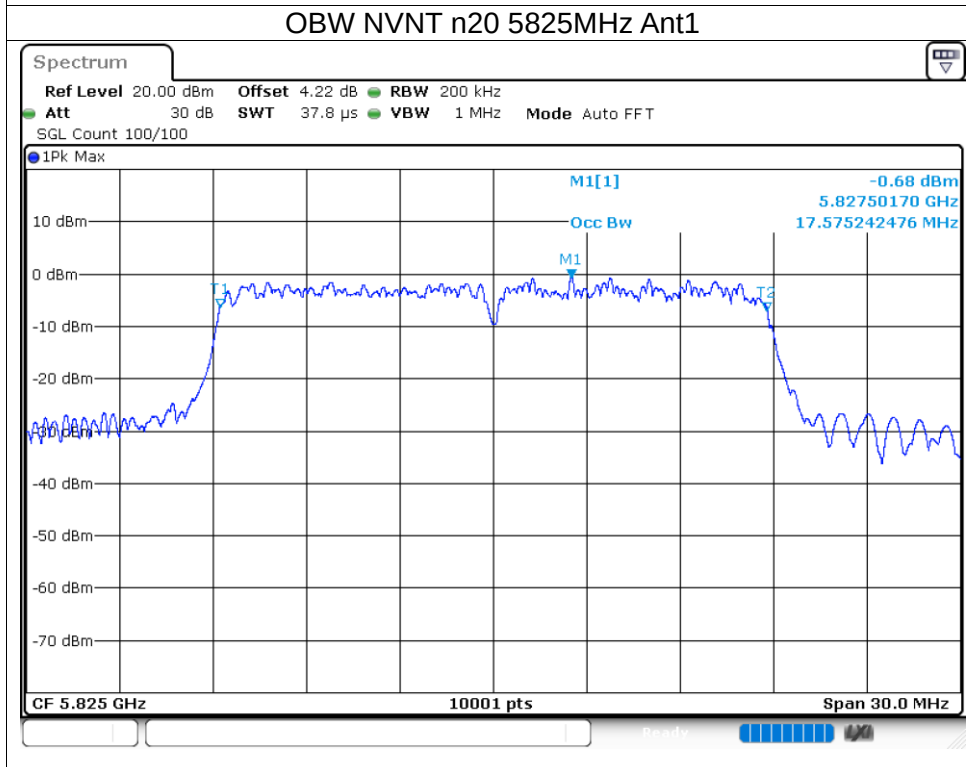
OBW NVNT n20 5745MHz Ant1



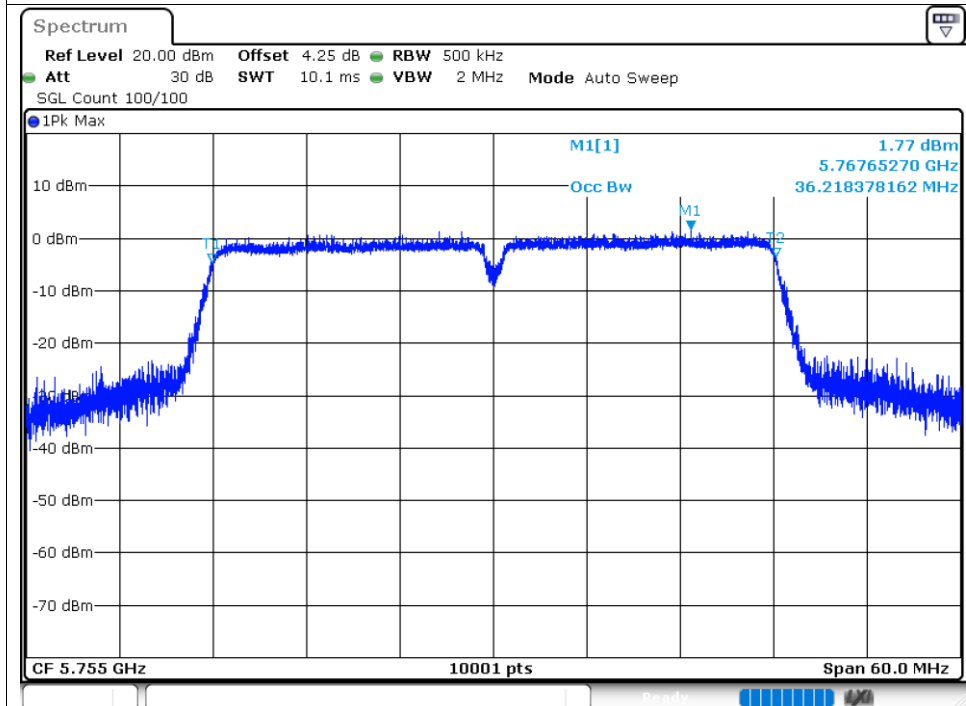
OBW NVNT n20 5785MHz Ant1



OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1

