

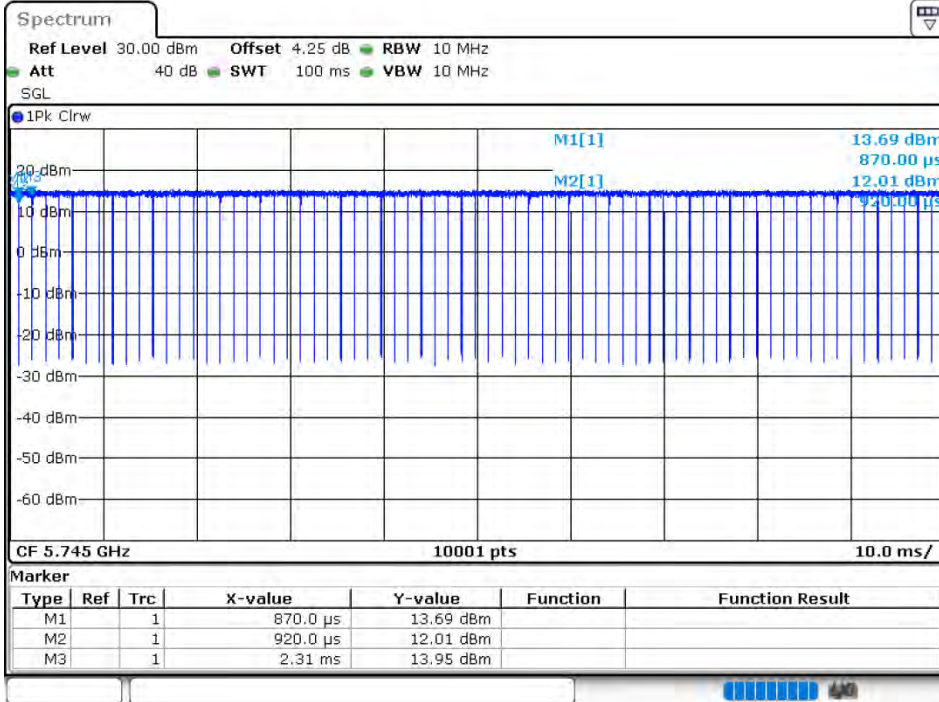
5.8G WIFI

5.2.1 Duty Cycle

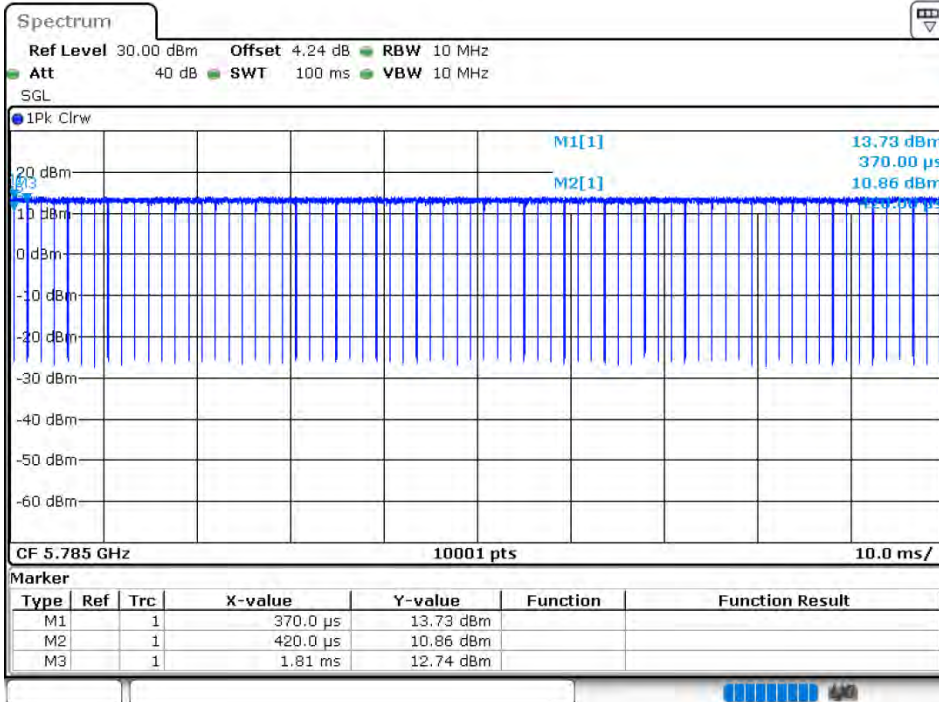
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	97.59	0.11	0.72
NVNT	a	5785	Ant1	97.57	0.11	0.72
NVNT	a	5825	Ant1	97.63	0.1	0.72
NVNT	n20	5745	Ant1	97.4	0.11	0.77
NVNT	n20	5785	Ant1	97.44	0.11	0.77
NVNT	n20	5825	Ant1	97.44	0.11	0.77
NVNT	n40	5755	Ant1	95.07	0.22	1.54
NVNT	n40	5795	Ant1	95.14	0.22	1.54
NVNT	ac20	5745	Ant1	97.47	0.11	0.76
NVNT	ac20	5785	Ant1	97.45	0.11	0.76
NVNT	ac20	5825	Ant1	97.46	0.11	0.76
NVNT	ac40	5755	Ant1	95.08	0.22	1.54
NVNT	ac40	5795	Ant1	95.1	0.22	1.54
NVNT	ac80	5775	Ant1	90.65	0.43	3.03

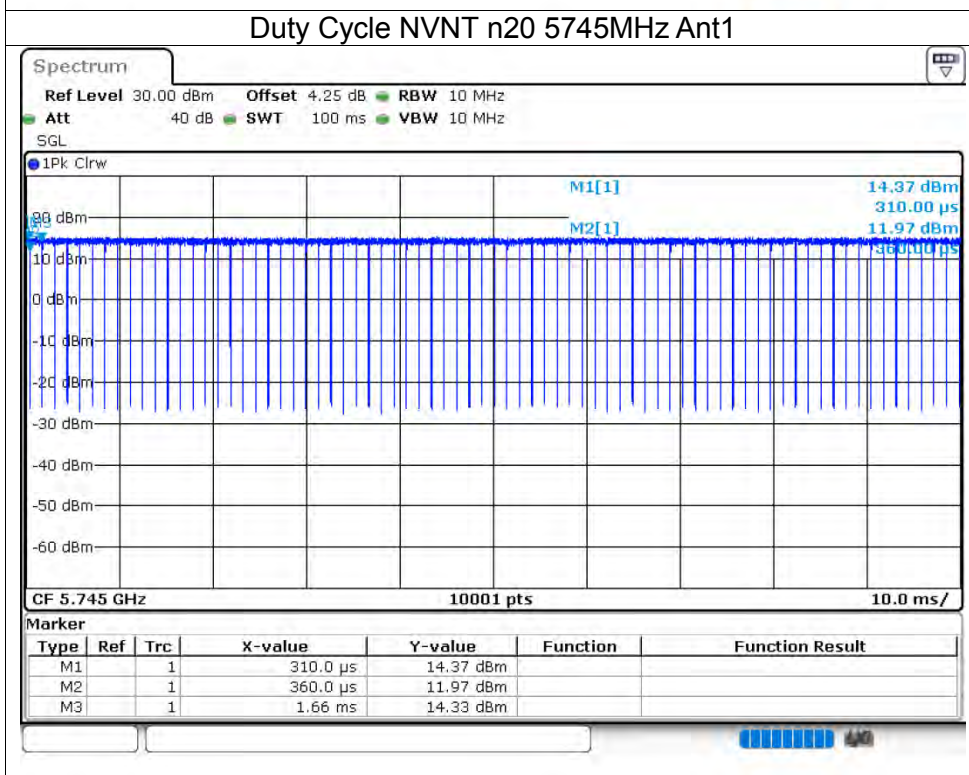
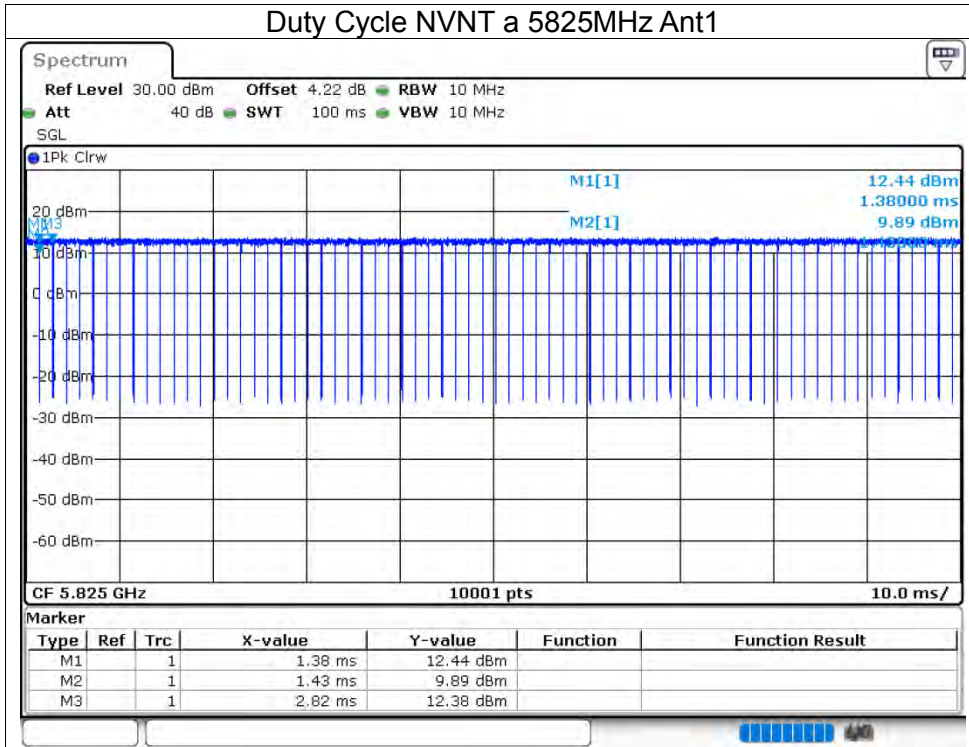
Test Graphs

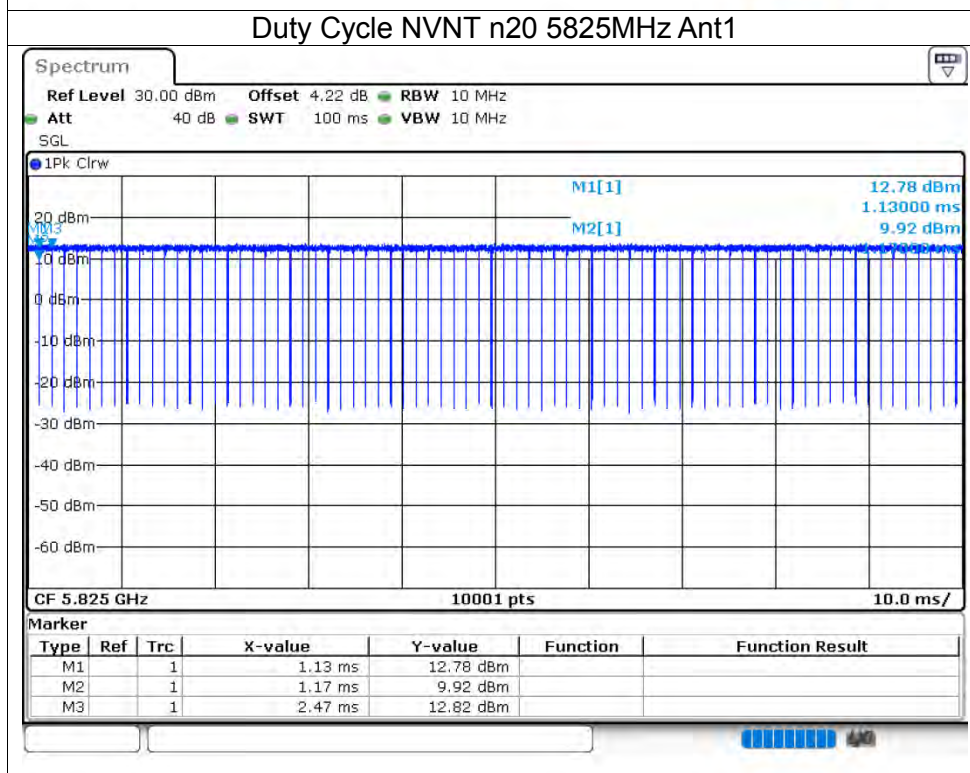
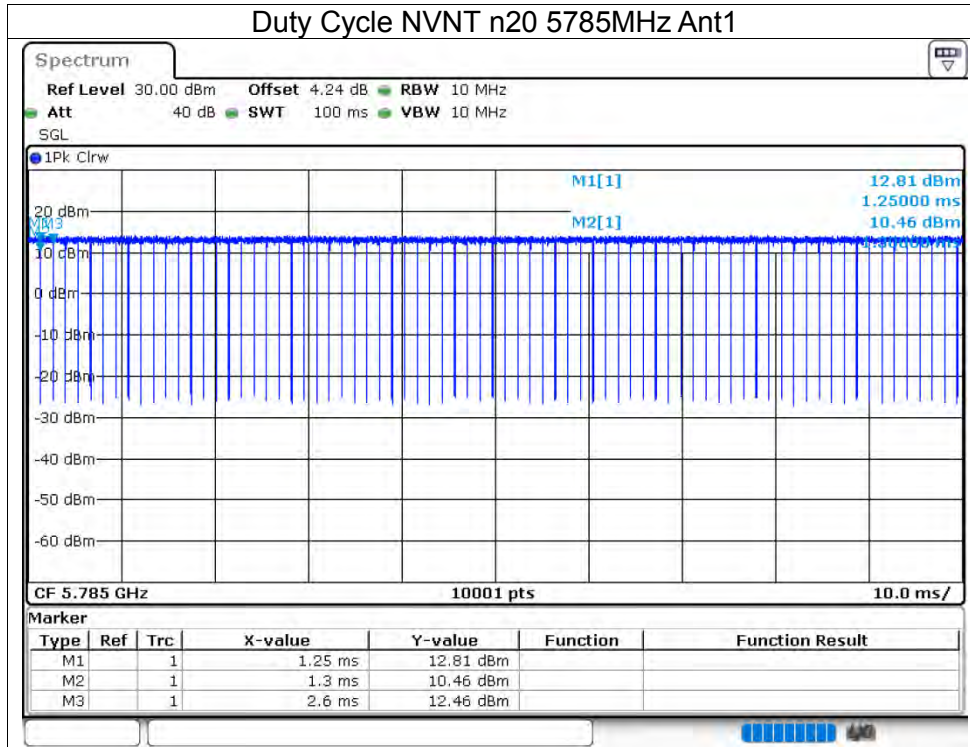
Duty Cycle NVNT a 5745MHz Ant1

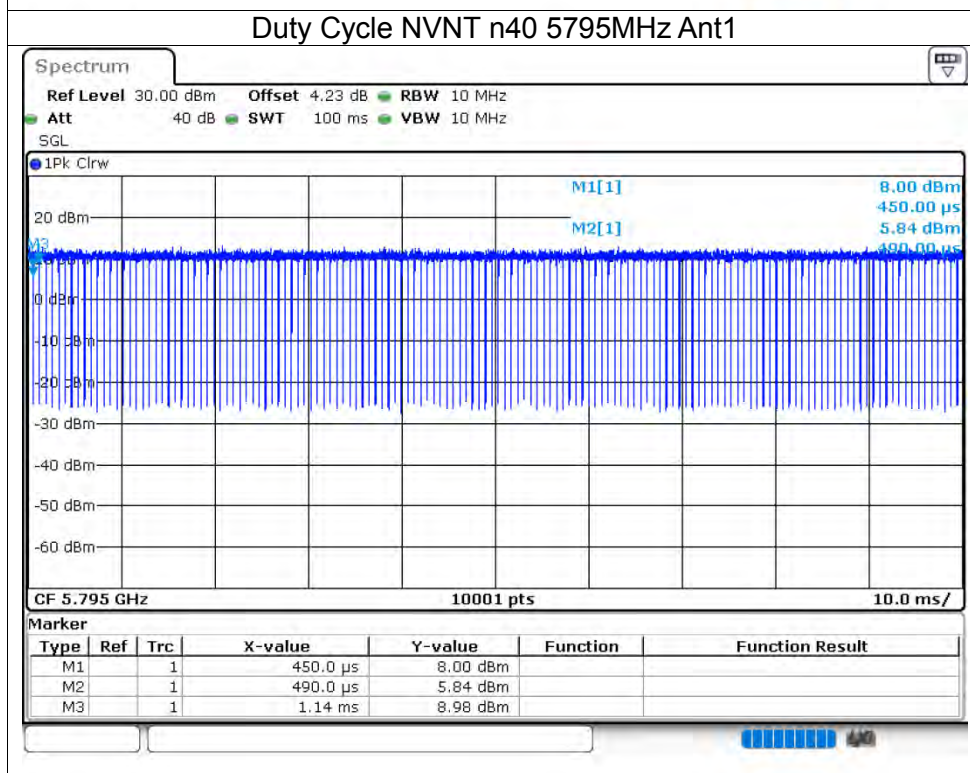
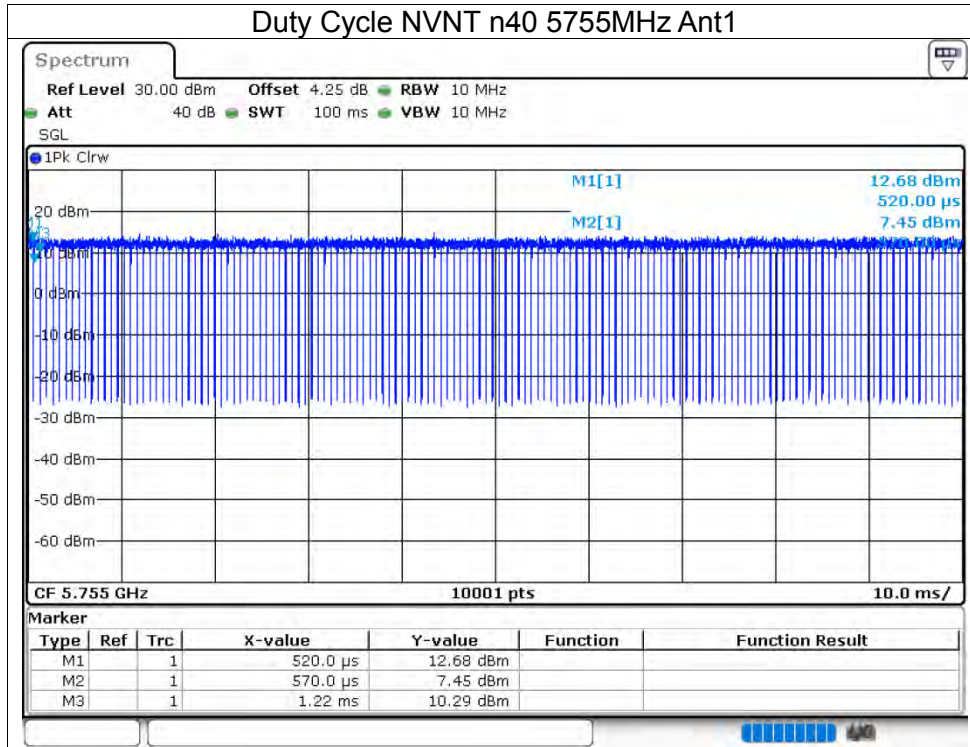


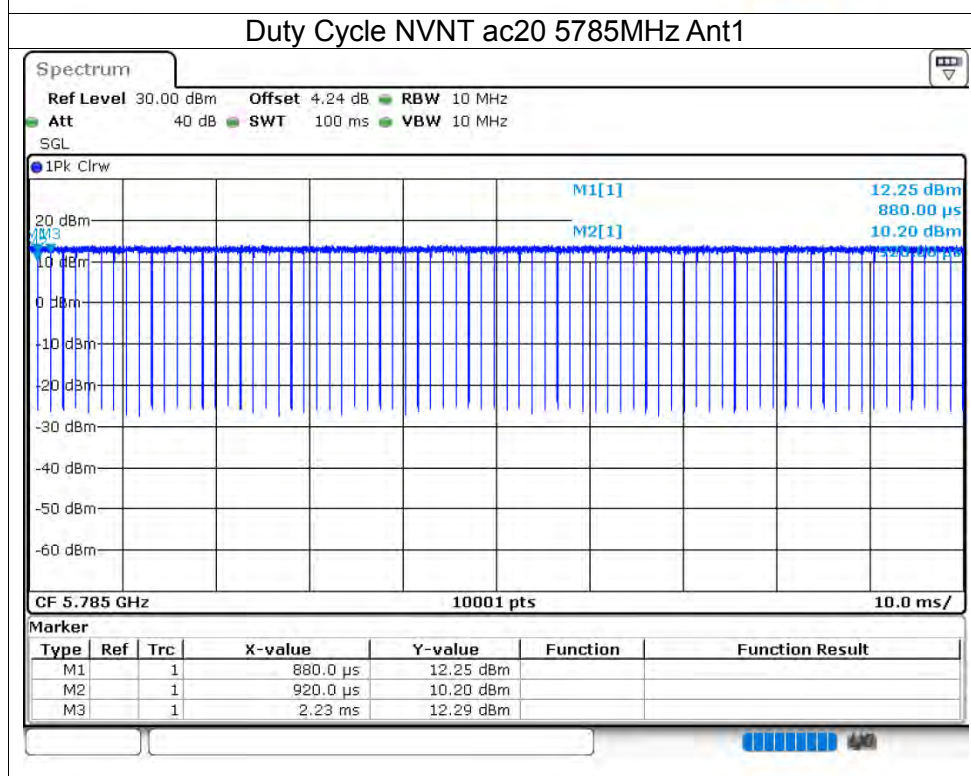
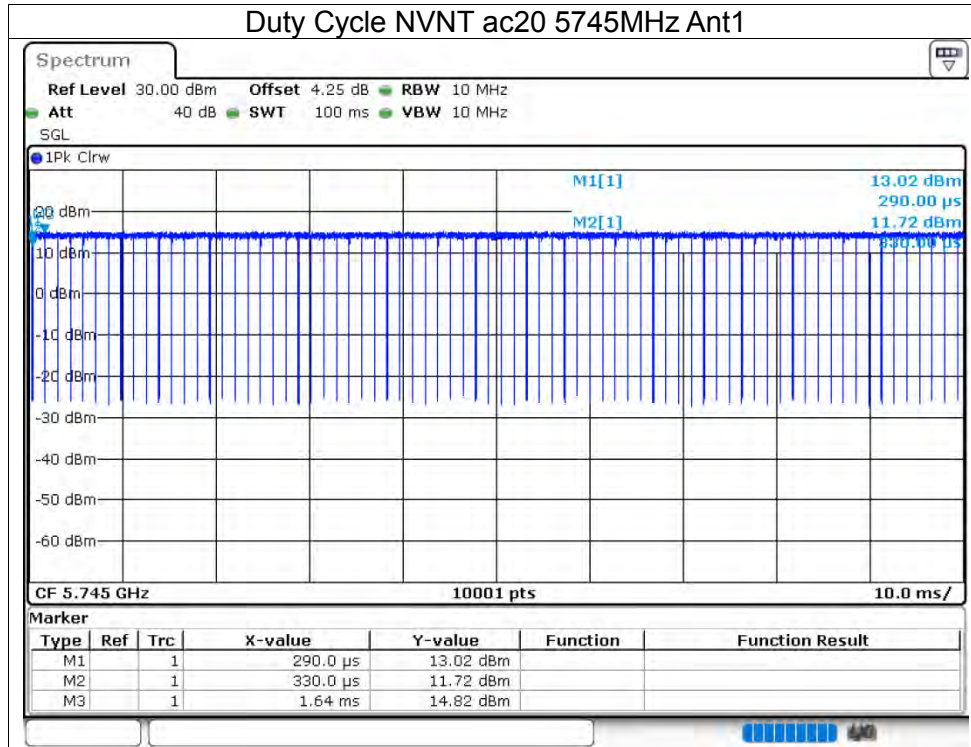
Duty Cycle NVNT a 5785MHz Ant1

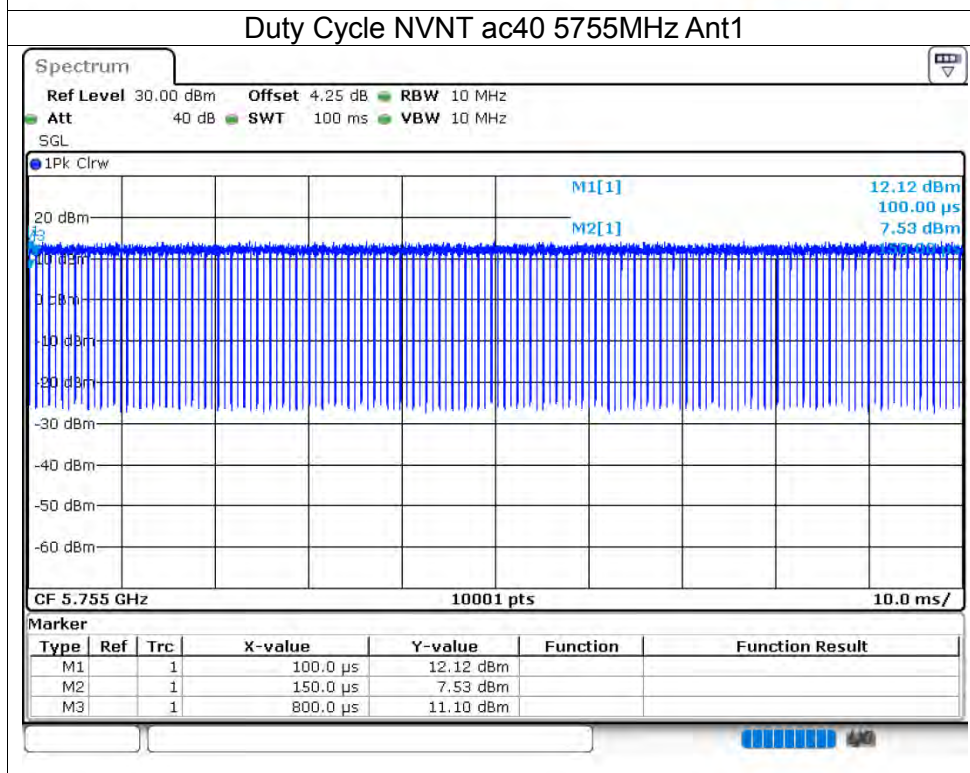
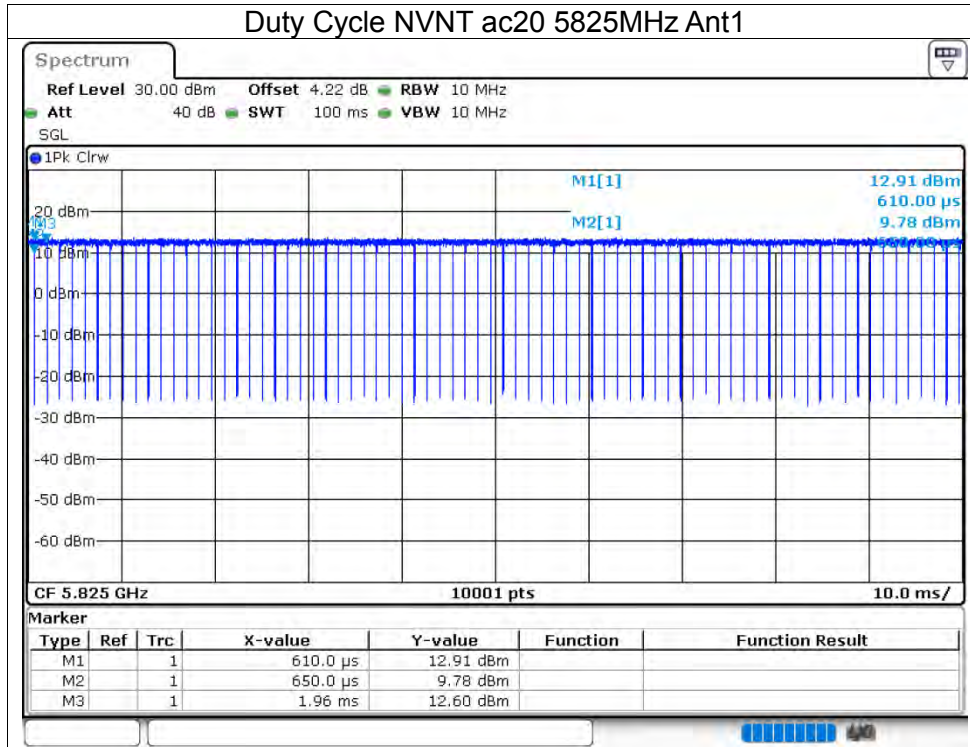


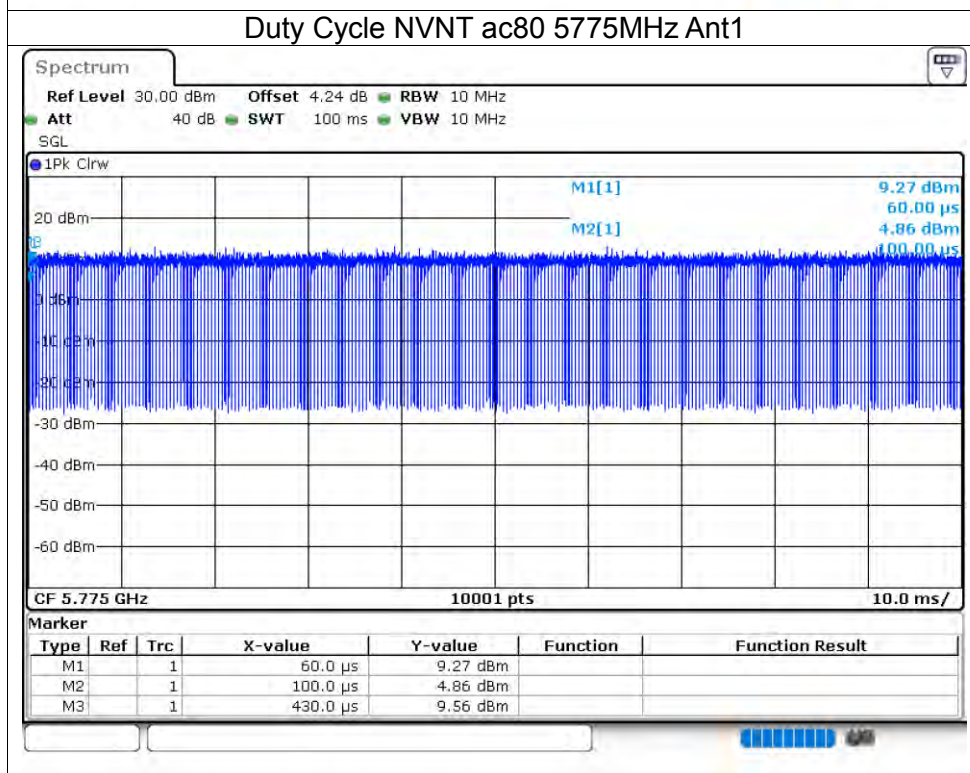
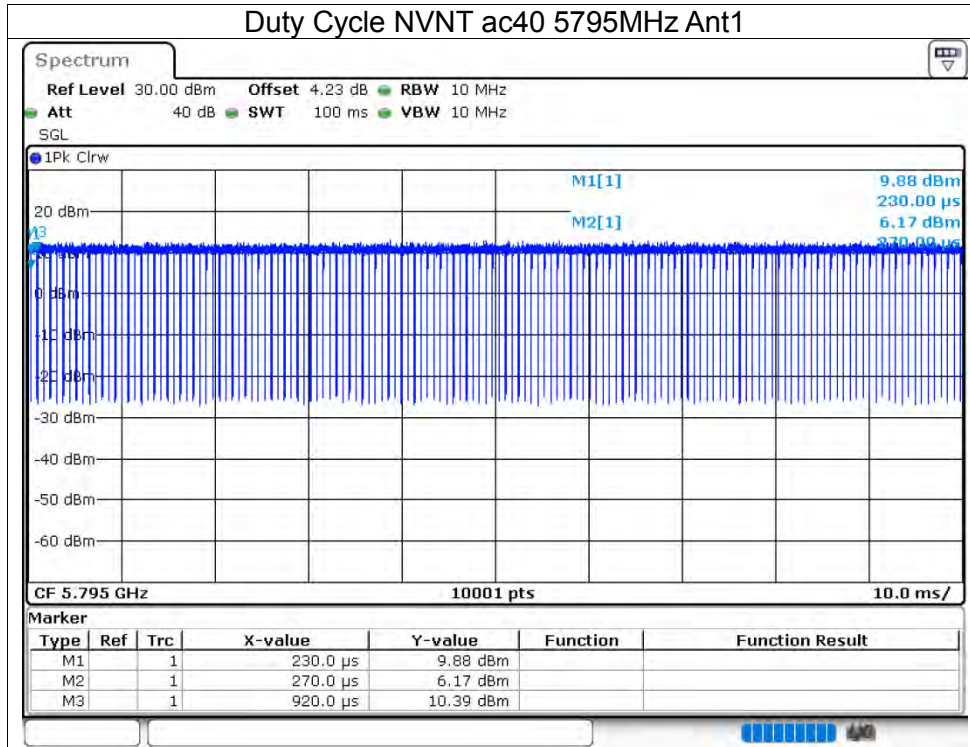












5.2.2 Maximum Conducted Output Power

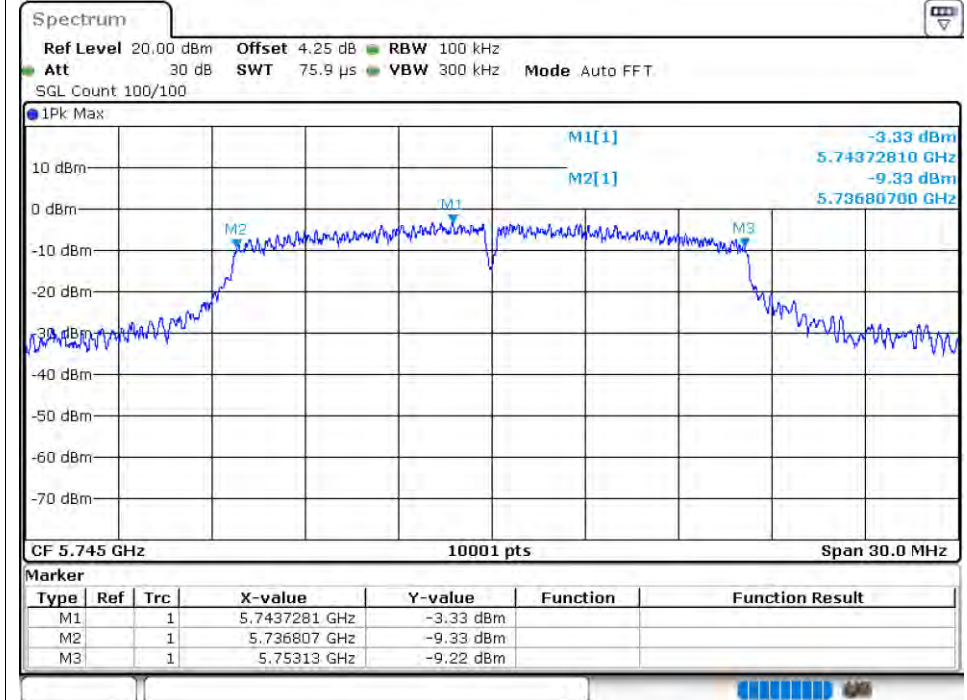
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	10.33	0.11	10.44	30	Pass
NVNT	a	5785	Ant1	10.24	0.11	10.35	30	Pass
NVNT	a	5825	Ant1	10.58	0.1	10.68	30	Pass
NVNT	n20	5745	Ant1	10.26	0.11	10.37	30	Pass
NVNT	n20	5785	Ant1	10.15	0.11	10.26	30	Pass
NVNT	n20	5825	Ant1	10.4	0.11	10.51	30	Pass
NVNT	n40	5755	Ant1	10.09	0.22	10.31	30	Pass
NVNT	n40	5795	Ant1	10.09	0.22	10.31	30	Pass
NVNT	ac20	5745	Ant1	10.31	0.11	10.42	30	Pass
NVNT	ac20	5785	Ant1	10.27	0.11	10.38	30	Pass
NVNT	ac20	5825	Ant1	10.38	0.11	10.49	30	Pass
NVNT	ac40	5755	Ant1	10.05	0.22	10.27	30	Pass
NVNT	ac40	5795	Ant1	10.04	0.22	10.26	30	Pass
NVNT	ac80	5775	Ant1	10.05	0.43	10.48	30	Pass

5.2.3 -6dB Bandwidth

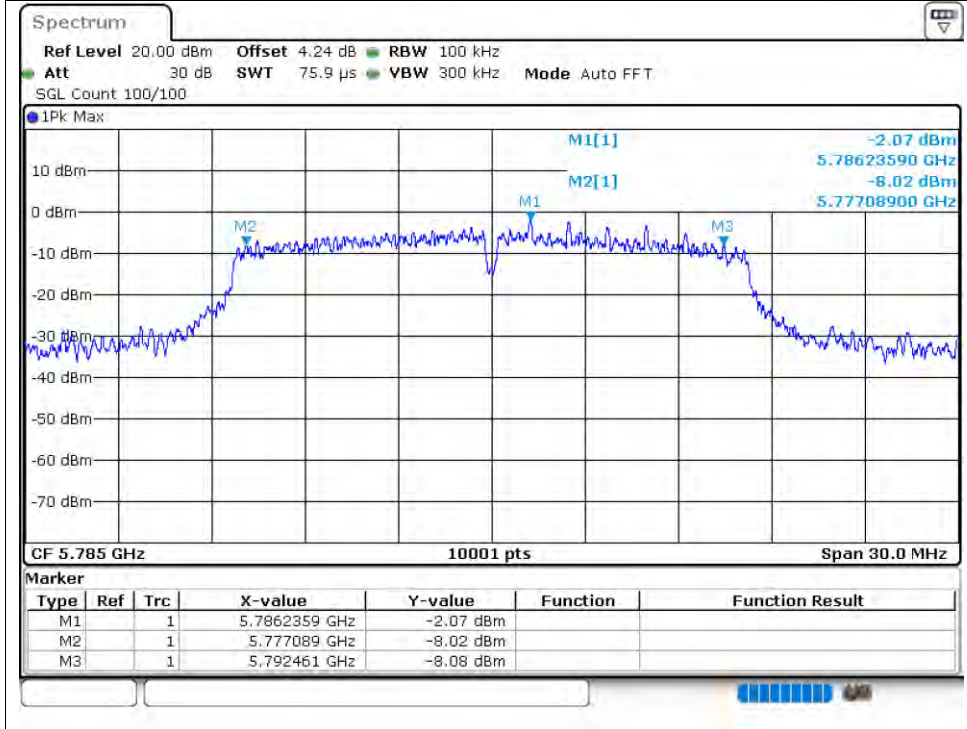
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.323	0.5	Pass
NVNT	a	5785	Ant1	15.372	0.5	Pass
NVNT	a	5825	Ant1	13.65	0.5	Pass
NVNT	n20	5745	Ant1	17.541	0.5	Pass
NVNT	n20	5785	Ant1	15.666	0.5	Pass
NVNT	n20	5825	Ant1	12.723	0.5	Pass
NVNT	n40	5755	Ant1	35.058	0.5	Pass
NVNT	n40	5795	Ant1	35.088	0.5	Pass
NVNT	ac20	5745	Ant1	17.268	0.5	Pass
NVNT	ac20	5785	Ant1	17.331	0.5	Pass
NVNT	ac20	5825	Ant1	15.642	0.5	Pass
NVNT	ac40	5755	Ant1	34.08	0.5	Pass
NVNT	ac40	5795	Ant1	35.094	0.5	Pass
NVNT	ac80	5775	Ant1	71.34	0.5	Pass

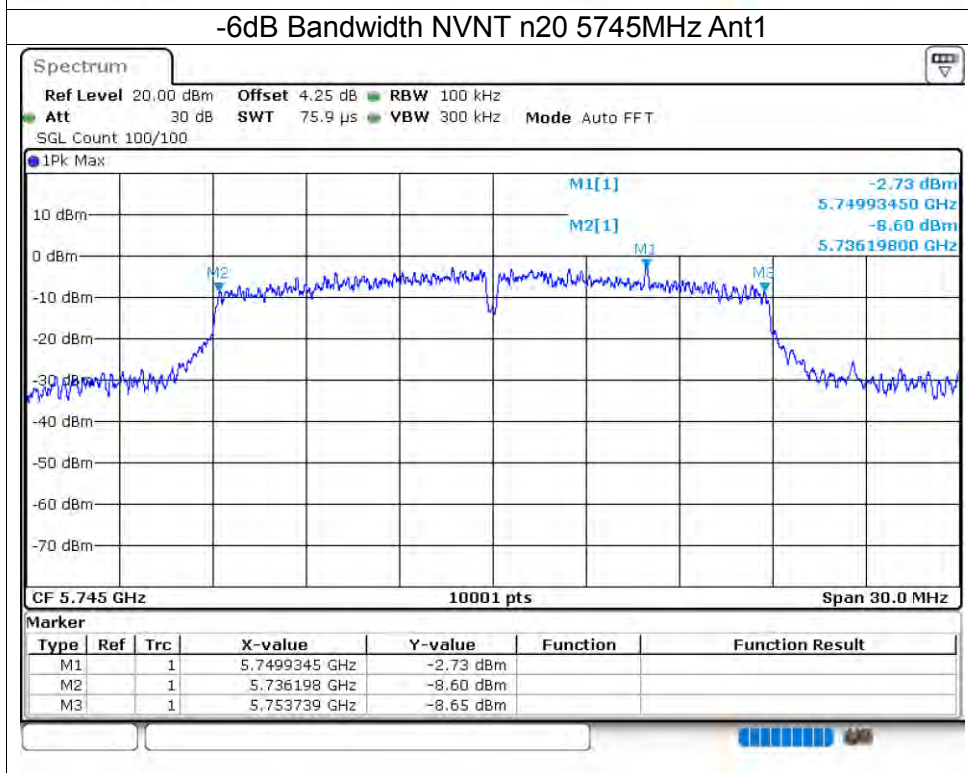
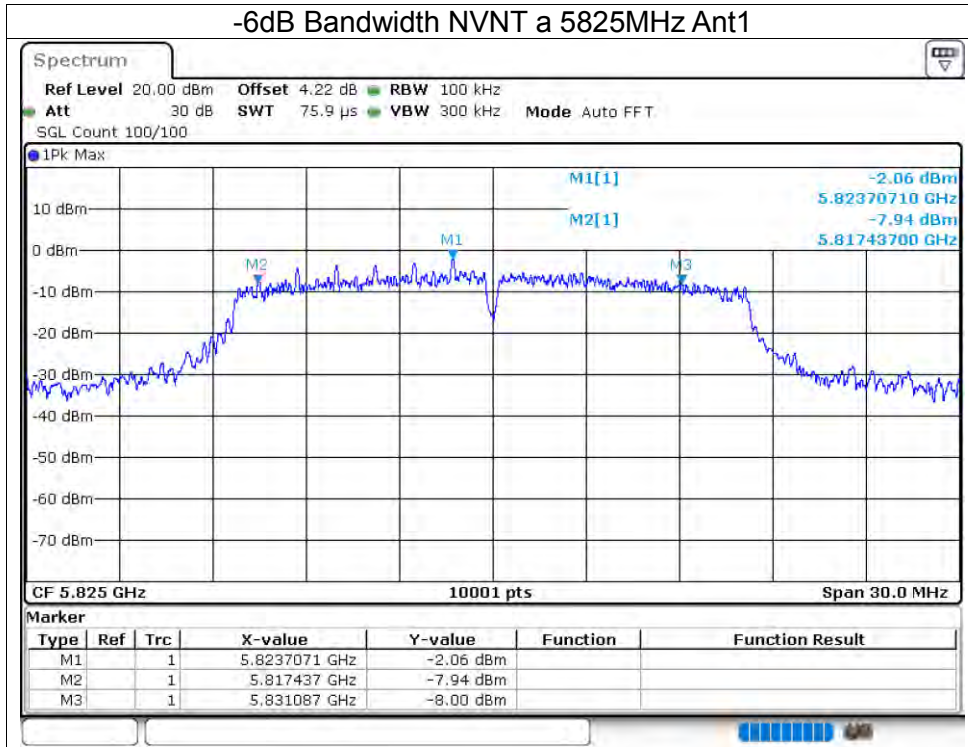
Test Graphs

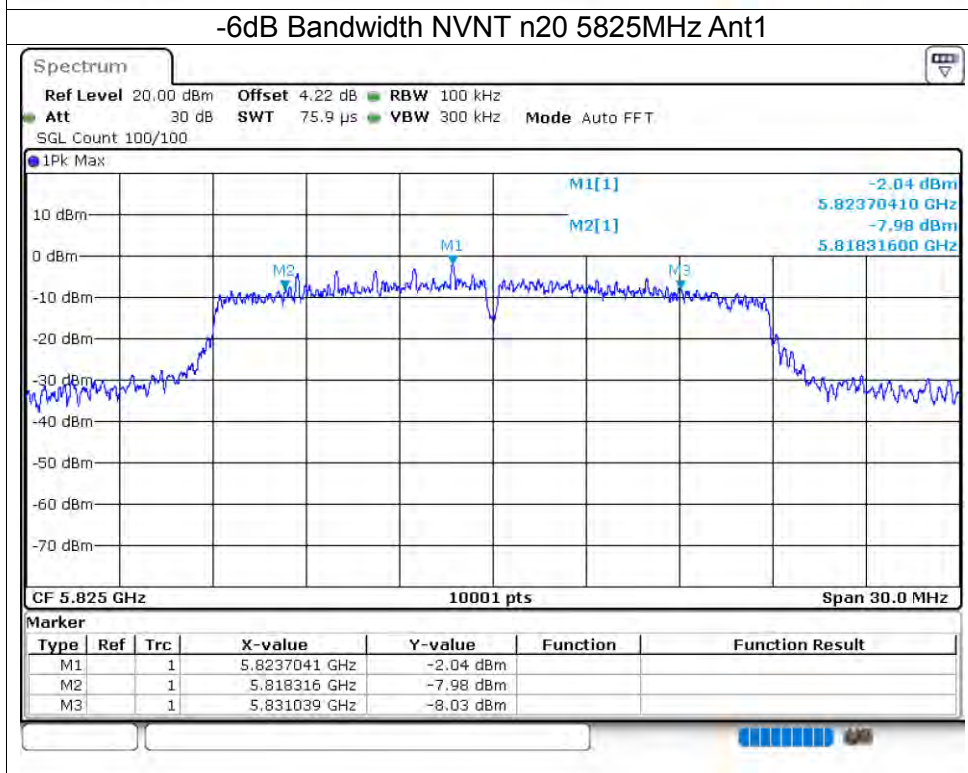
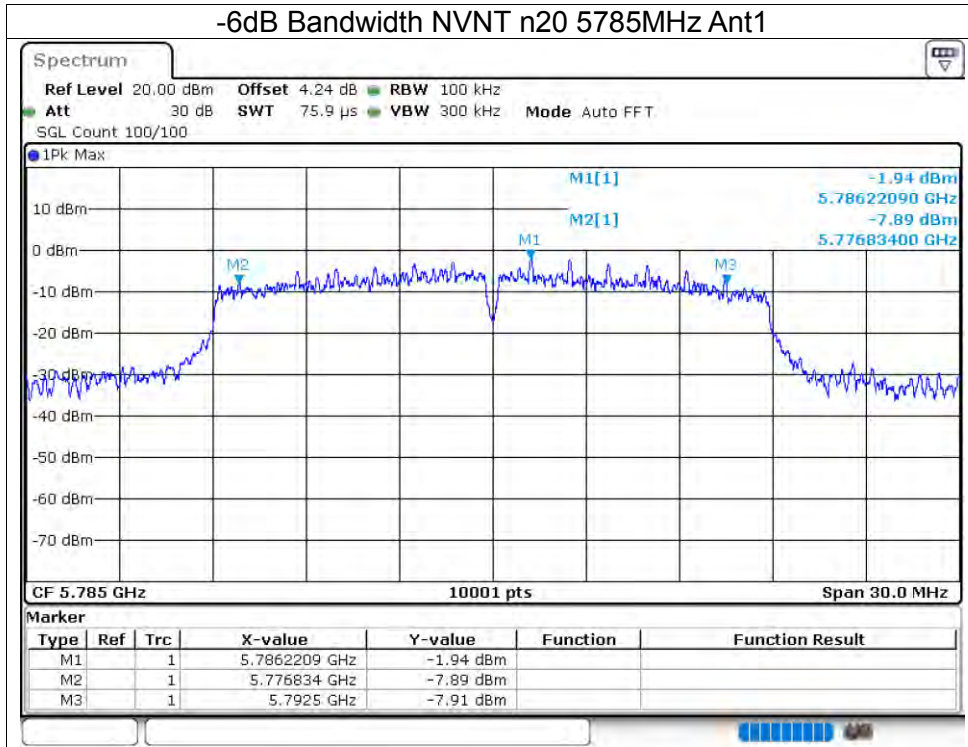
-6dB Bandwidth NVNT a 5745MHz Ant1

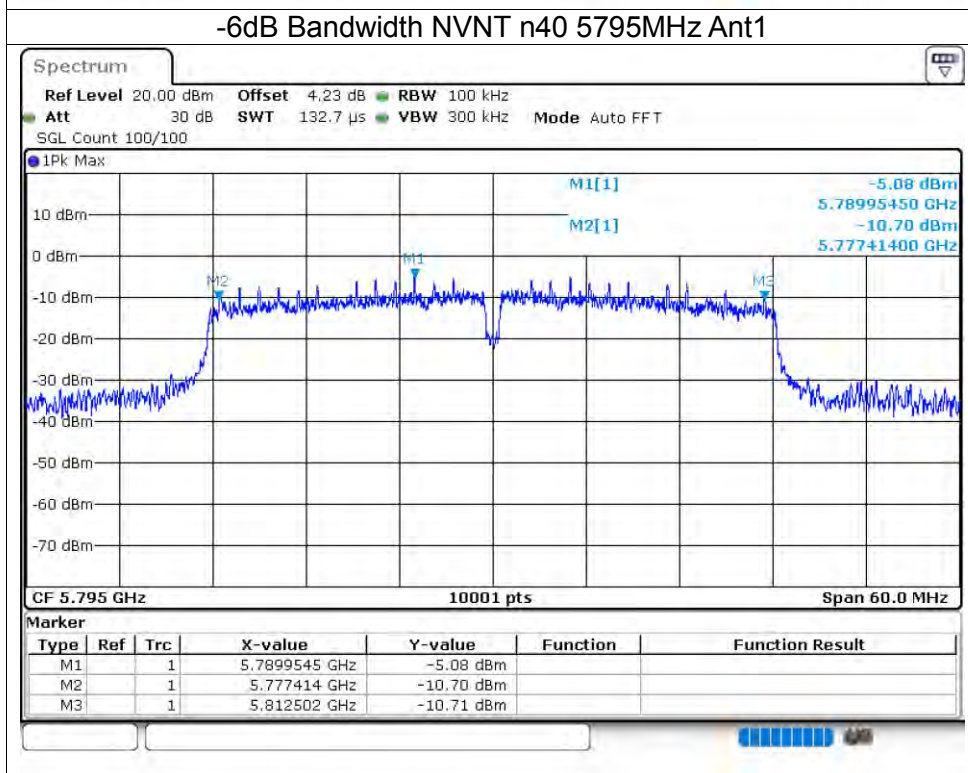
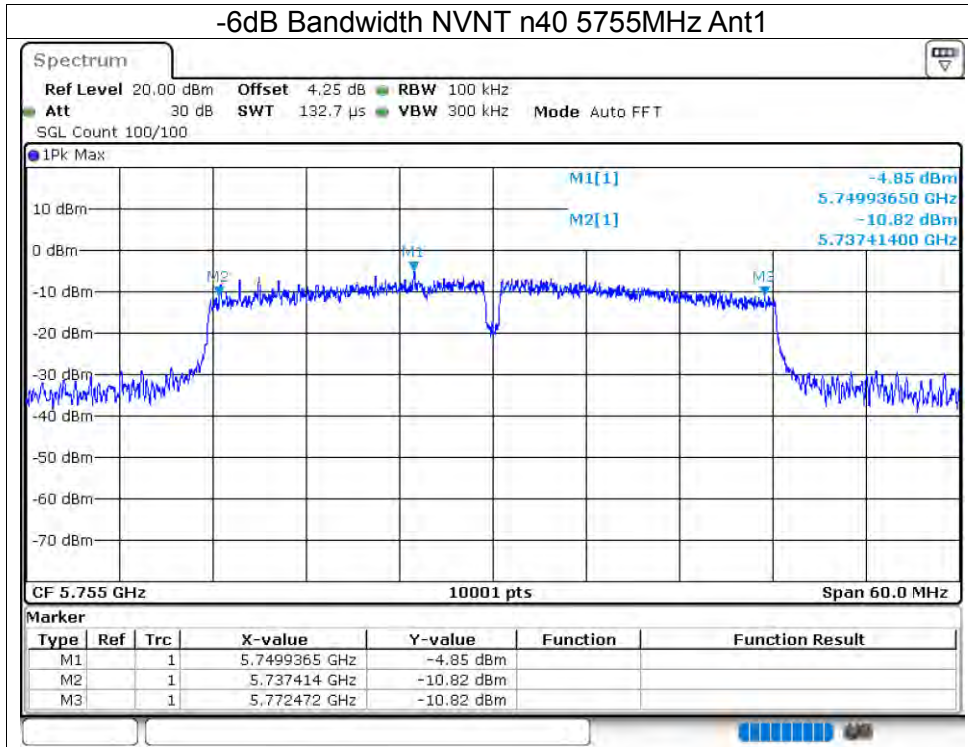


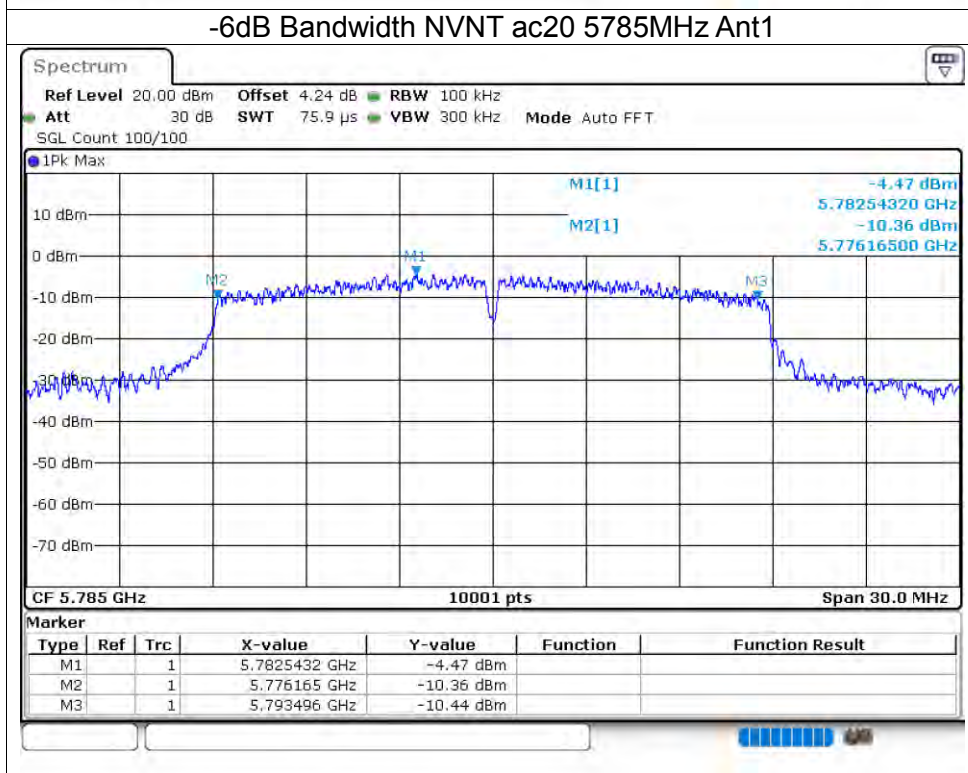
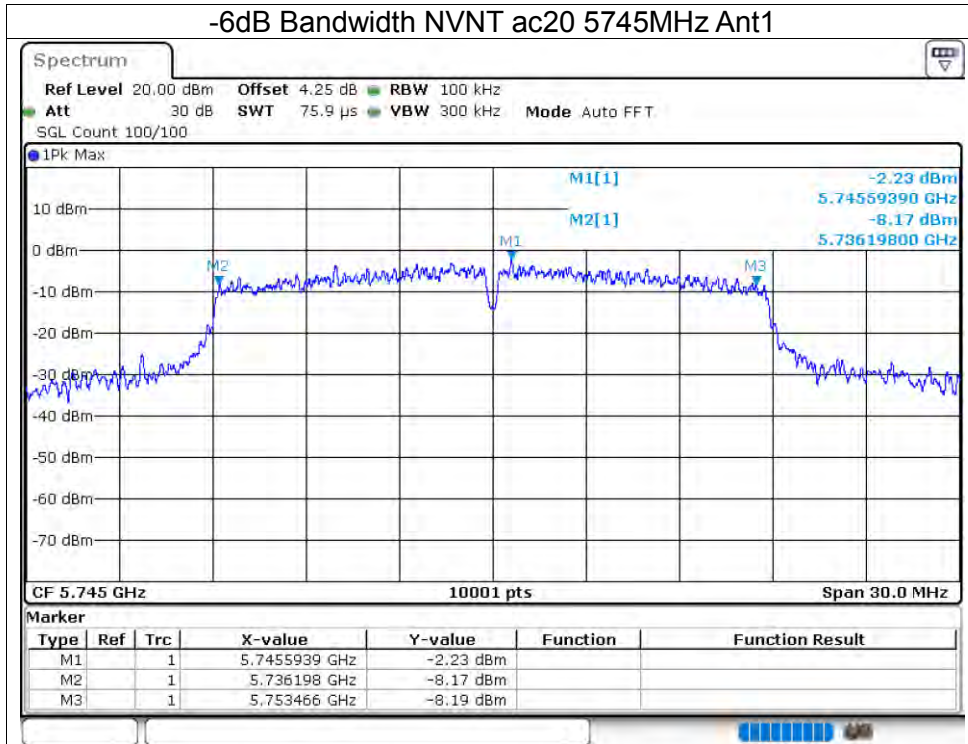
-6dB Bandwidth NVNT a 5785MHz Ant1

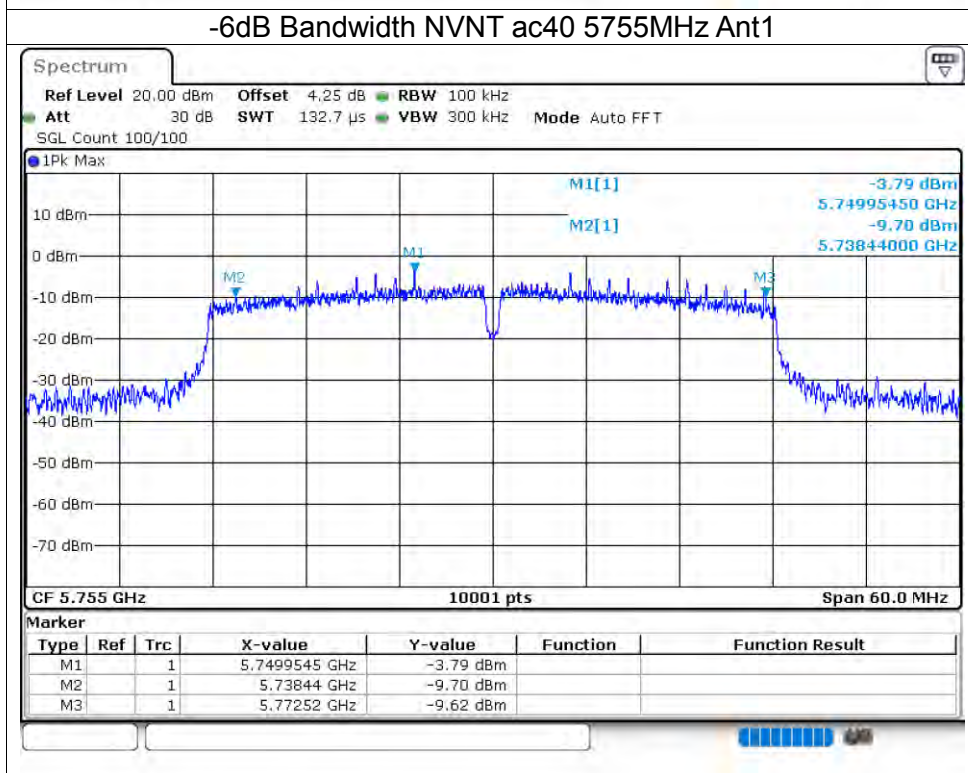
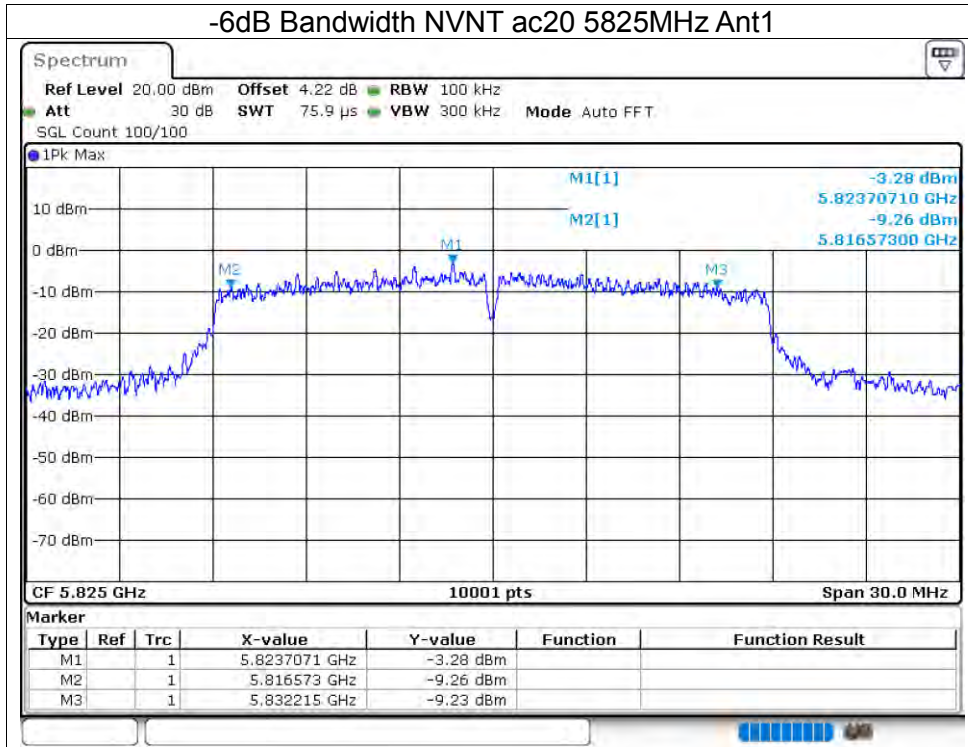




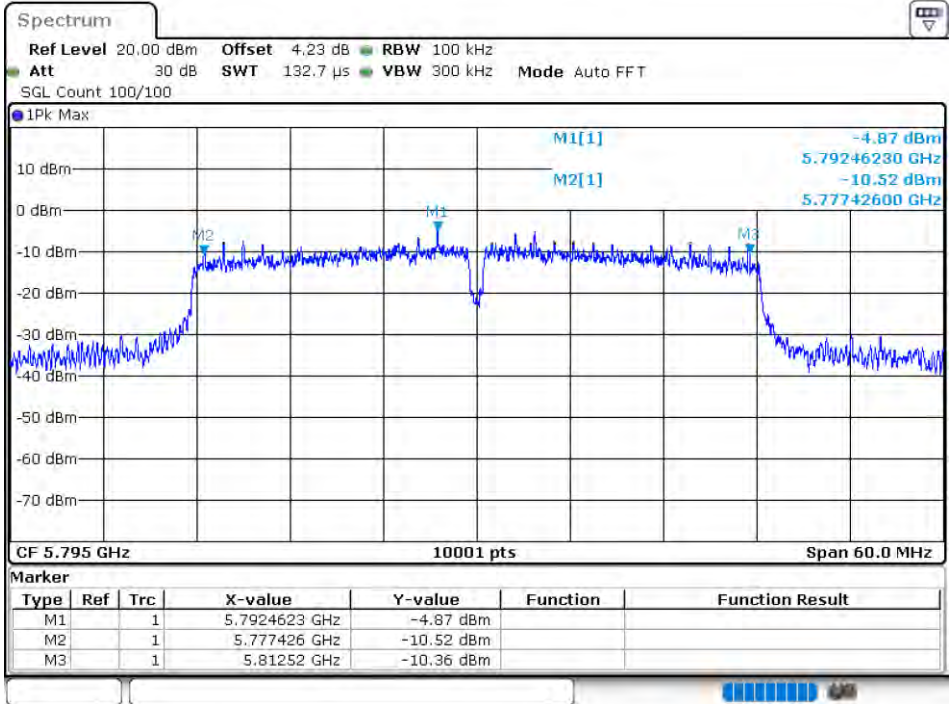




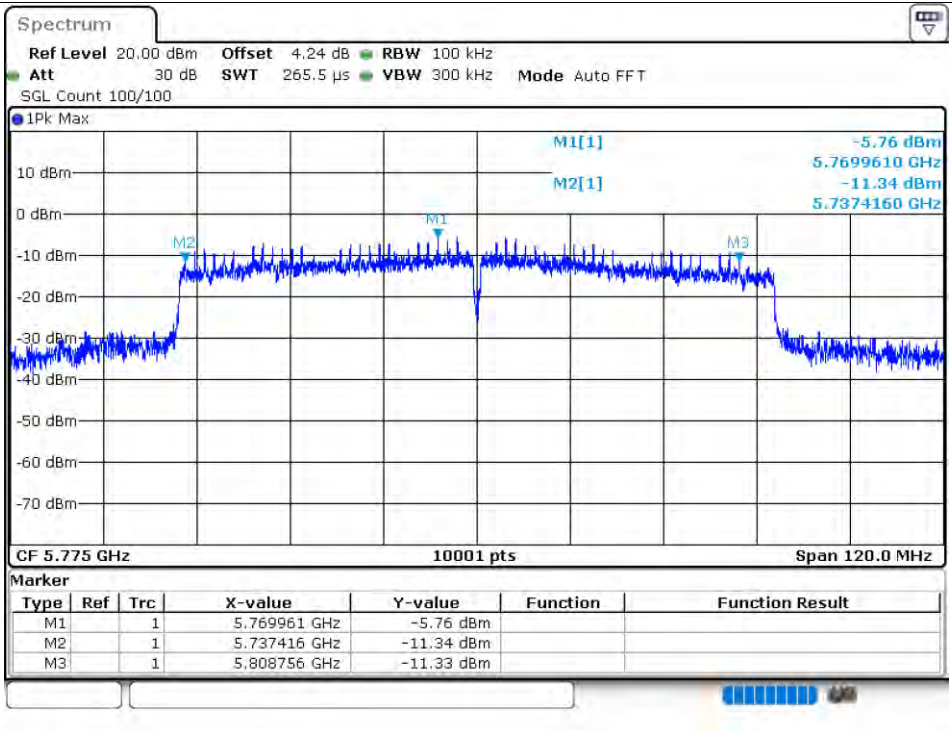




-6dB Bandwidth NVNT ac40 5795MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant1

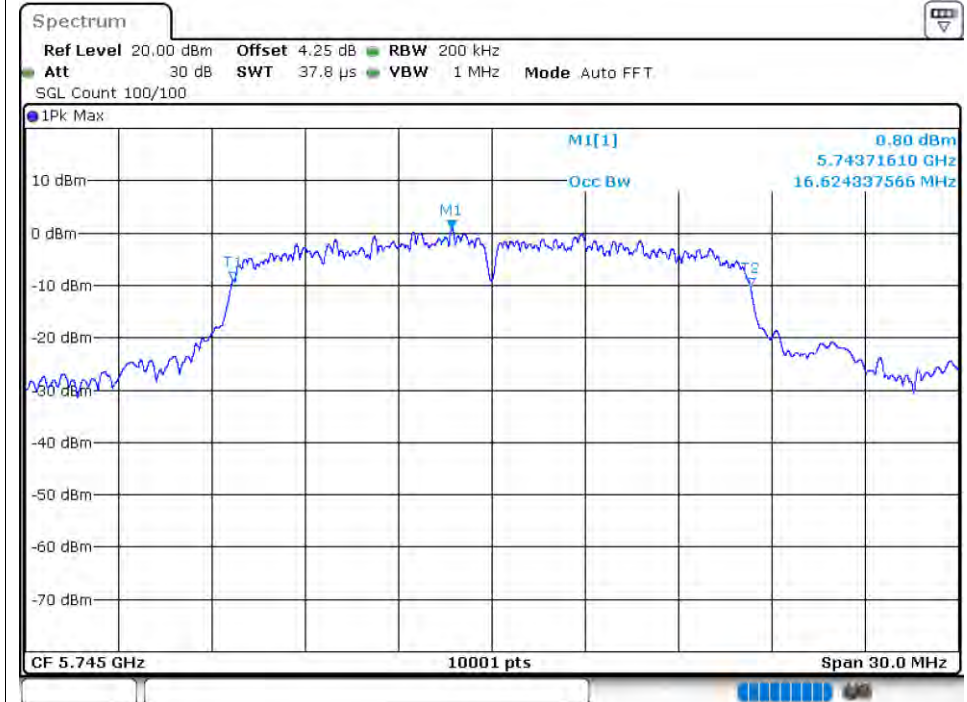


5.2.4 Occupied Channel Bandwidth

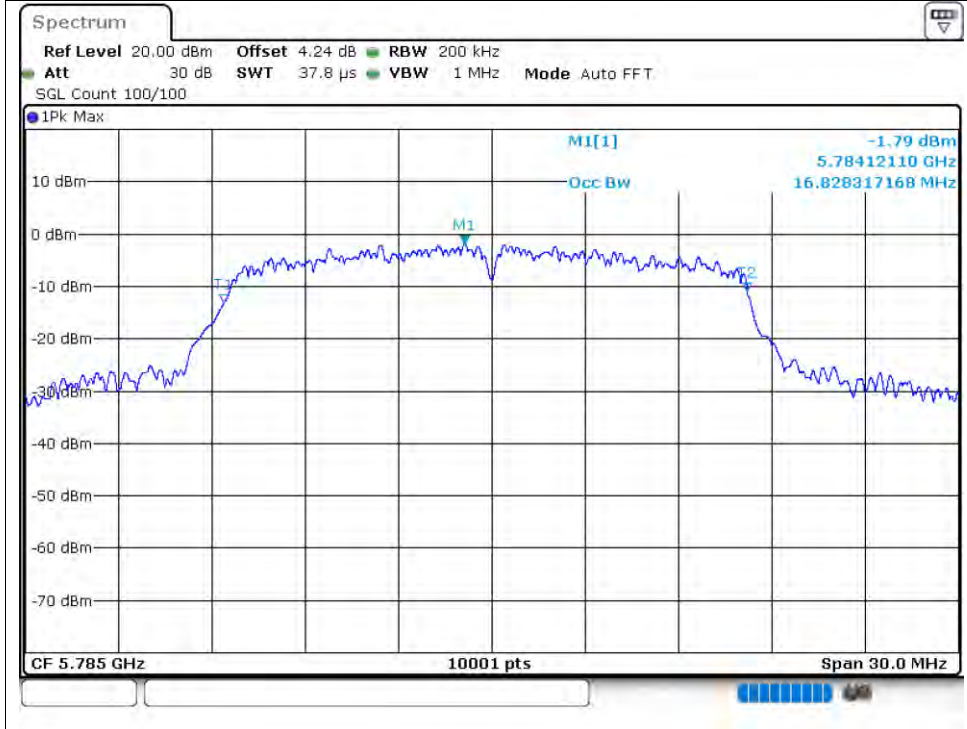
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.624
NVNT	a	5785	Ant1	16.828
NVNT	a	5825	Ant1	16.708
NVNT	n20	5745	Ant1	17.635
NVNT	n20	5785	Ant1	17.704
NVNT	n20	5825	Ant1	17.797
NVNT	n40	5755	Ant1	36.332
NVNT	n40	5795	Ant1	36.482
NVNT	ac20	5745	Ant1	17.677
NVNT	ac20	5785	Ant1	17.704
NVNT	ac20	5825	Ant1	17.806
NVNT	ac40	5755	Ant1	36.254
NVNT	ac40	5795	Ant1	36.422
NVNT	ac80	5775	Ant1	76.108

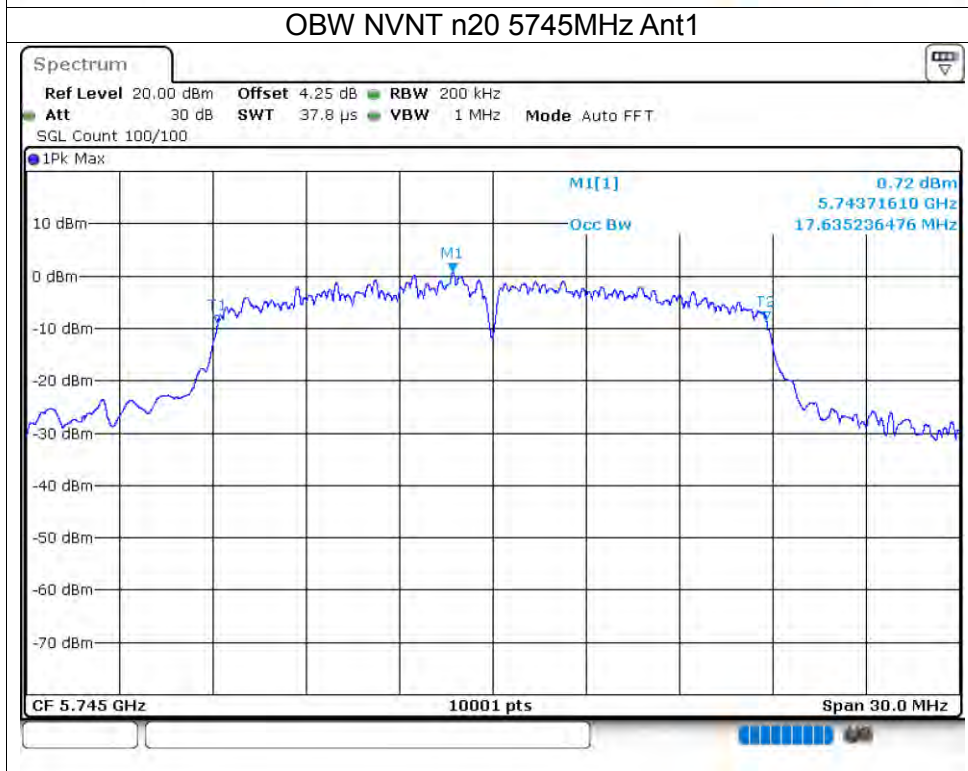
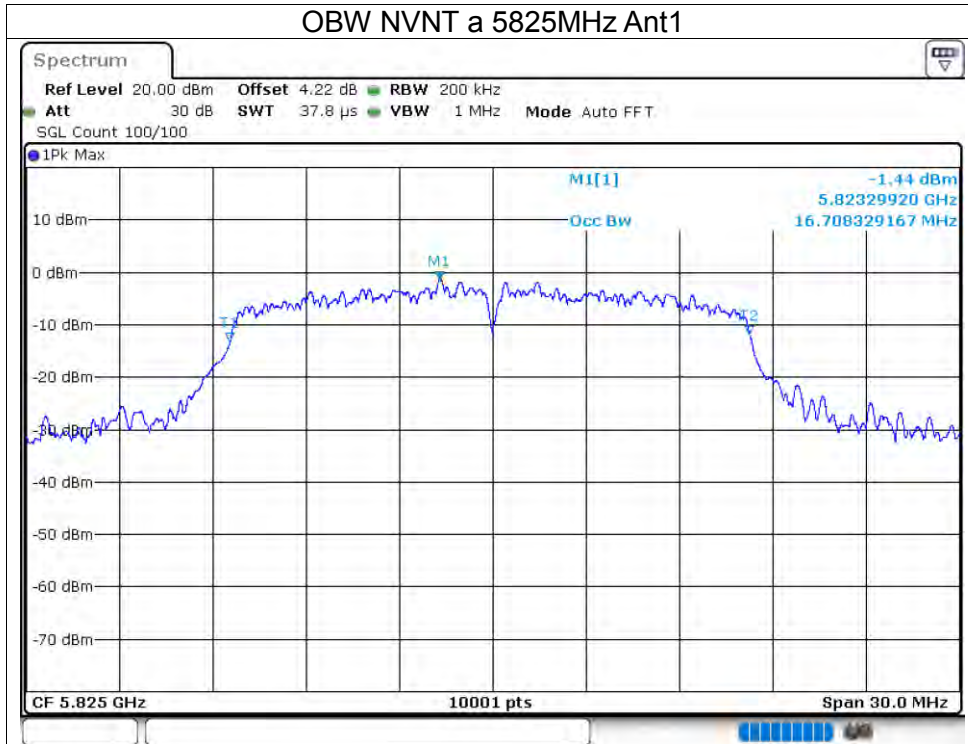
Test Graphs

OBW NVNT a 5745MHz Ant1

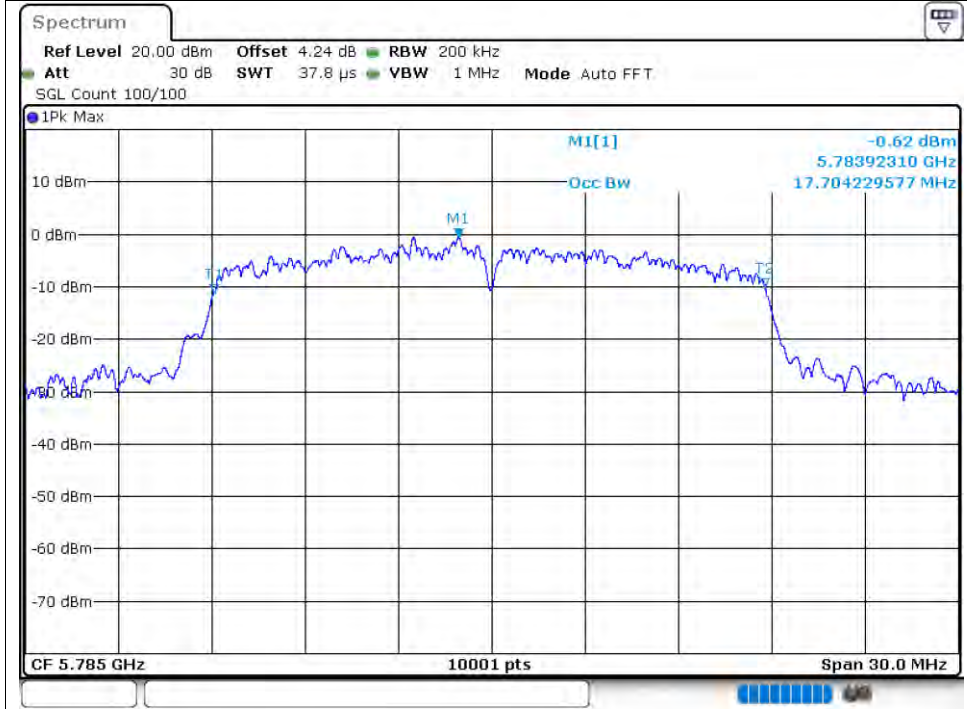


OBW NVNT a 5785MHz Ant1

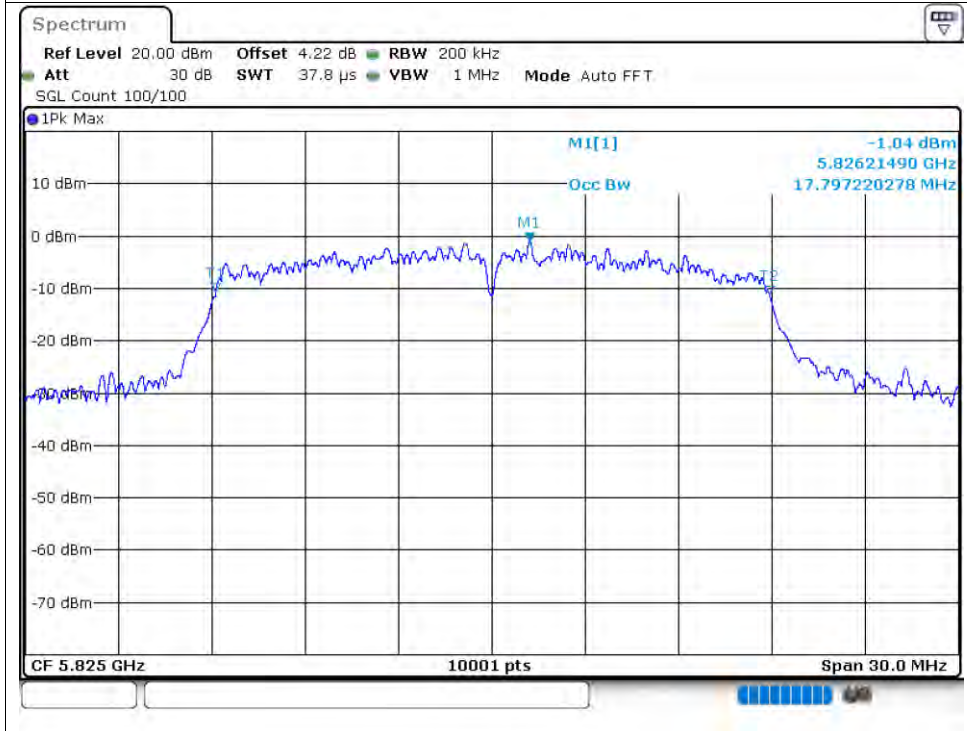


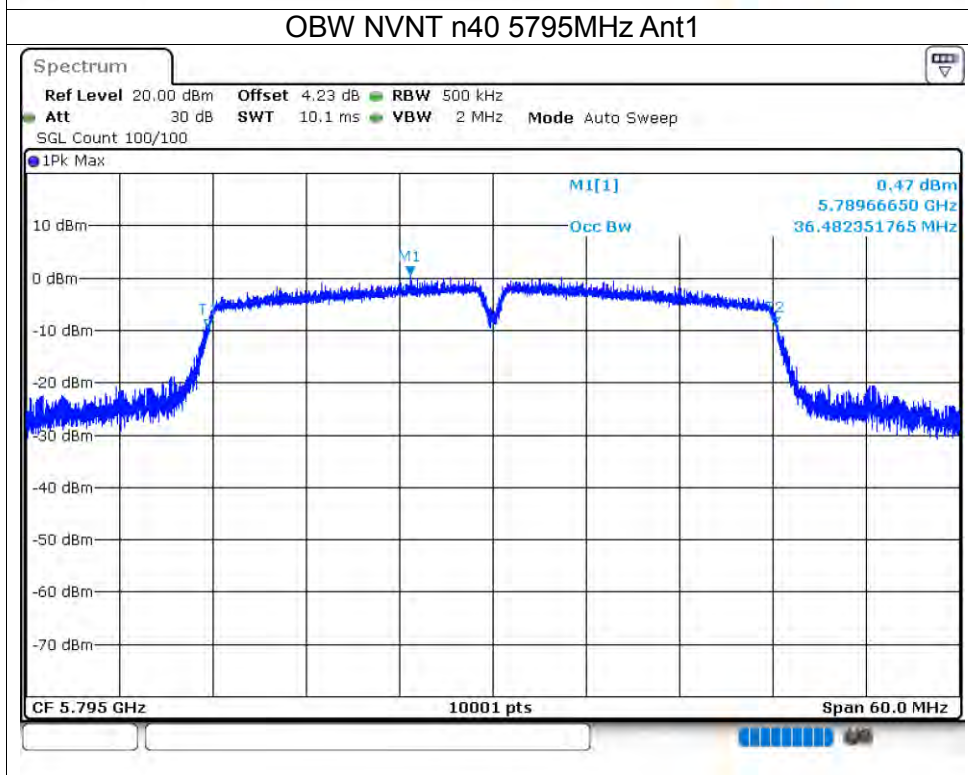
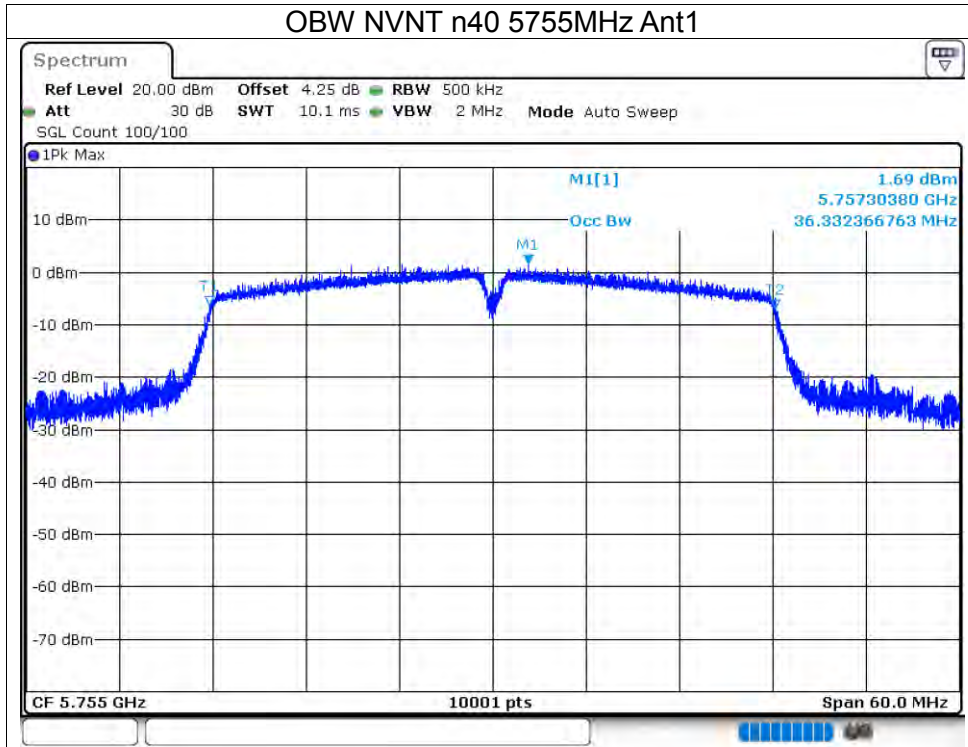


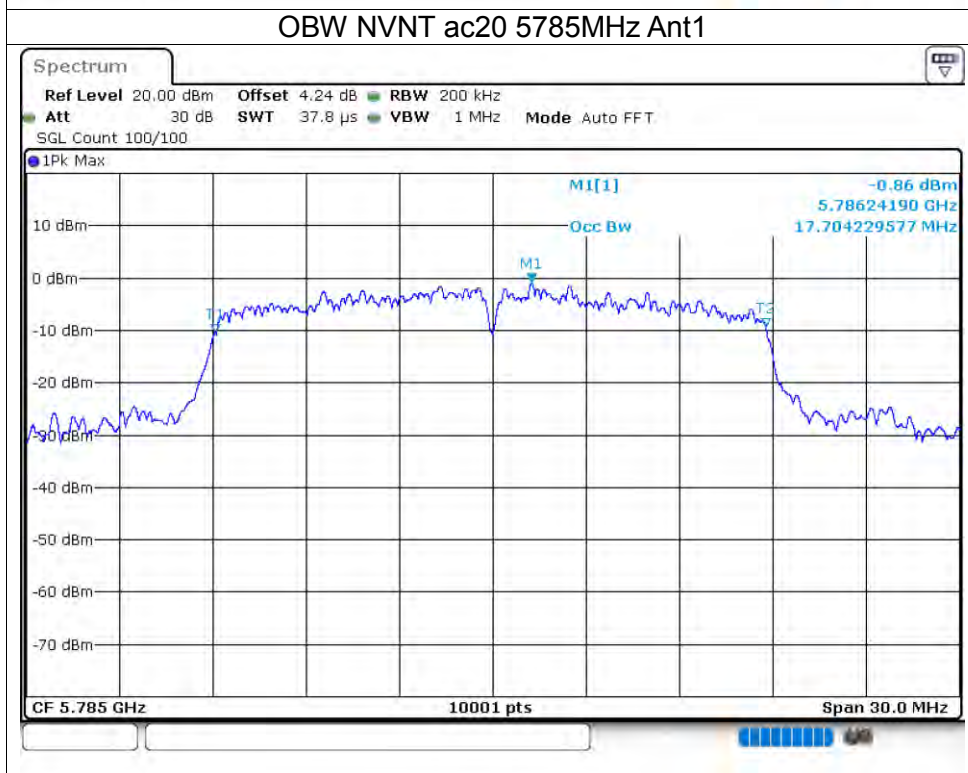
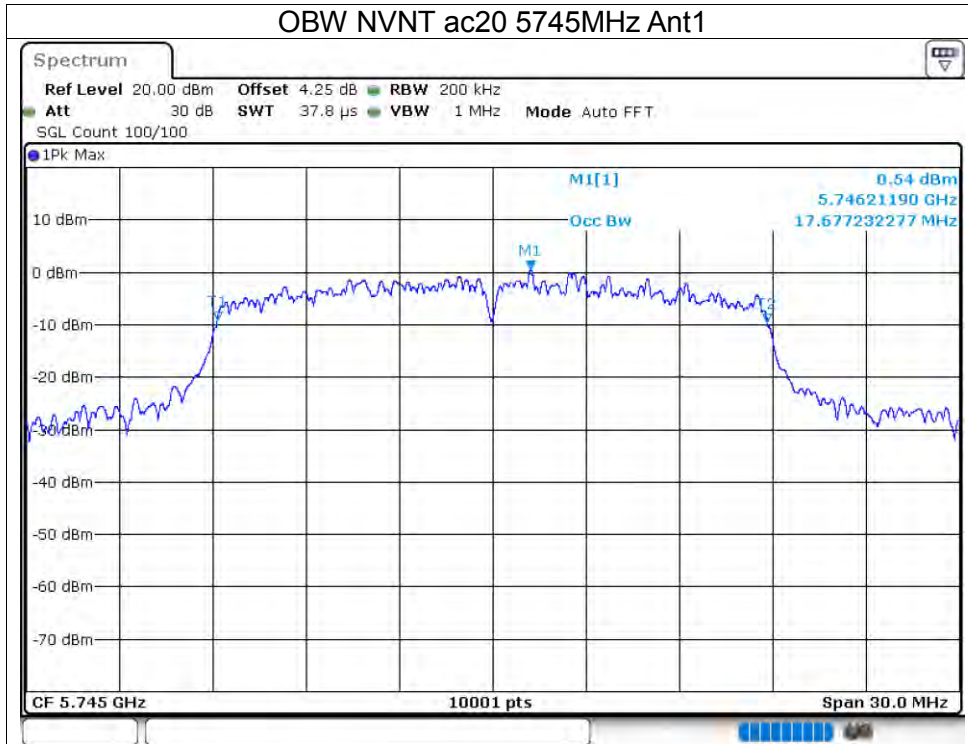
OBW NVNT n20 5785MHz Ant1

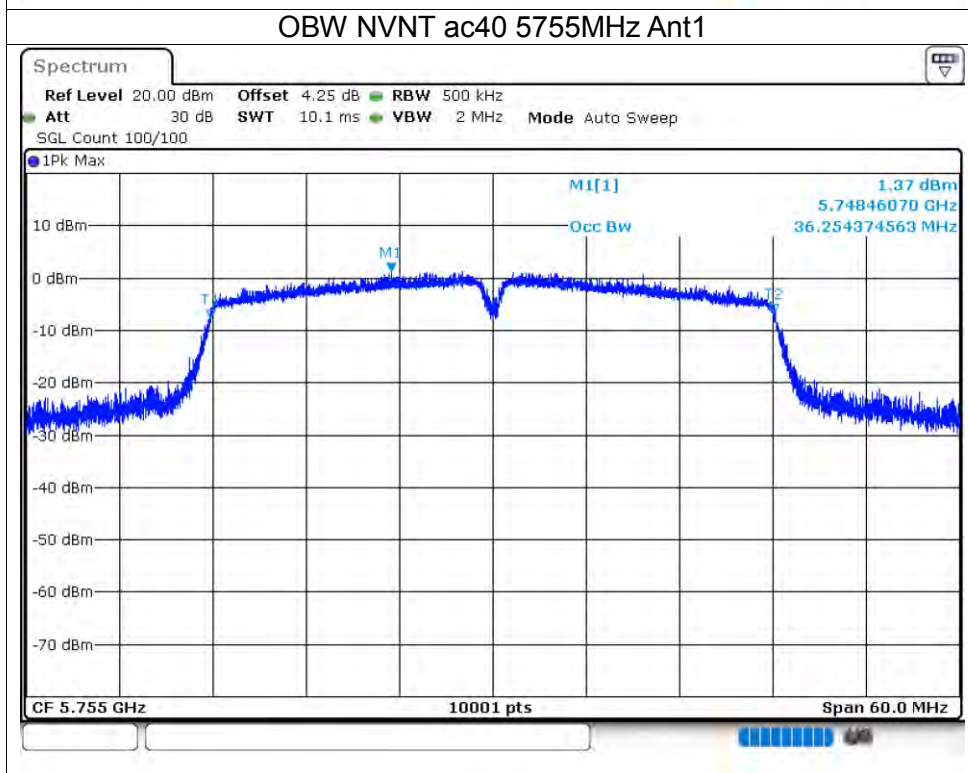
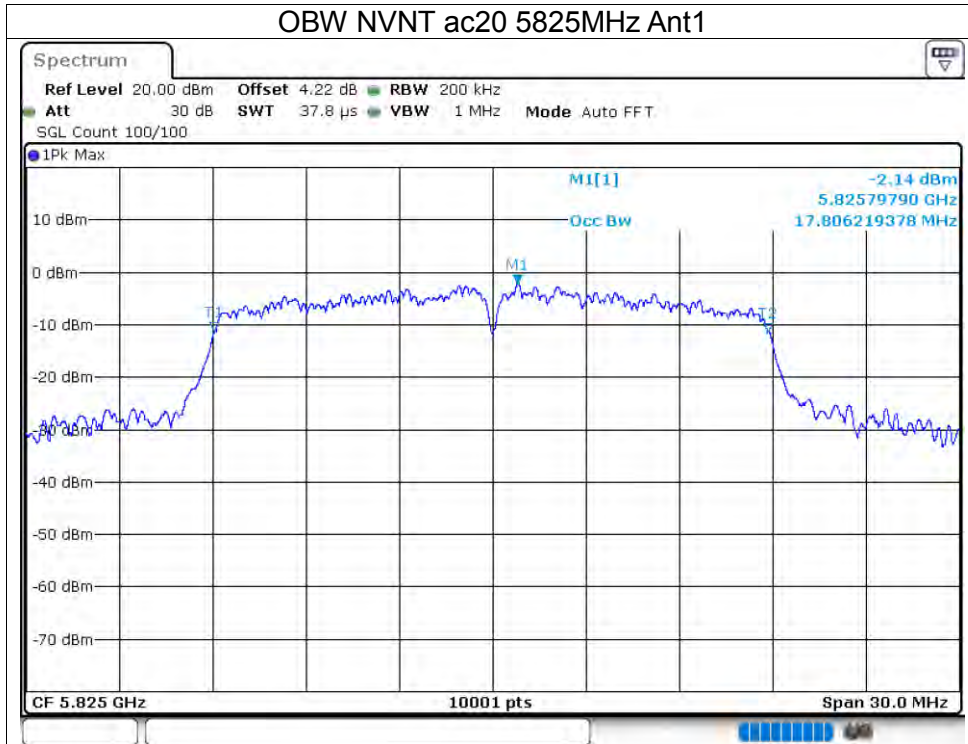


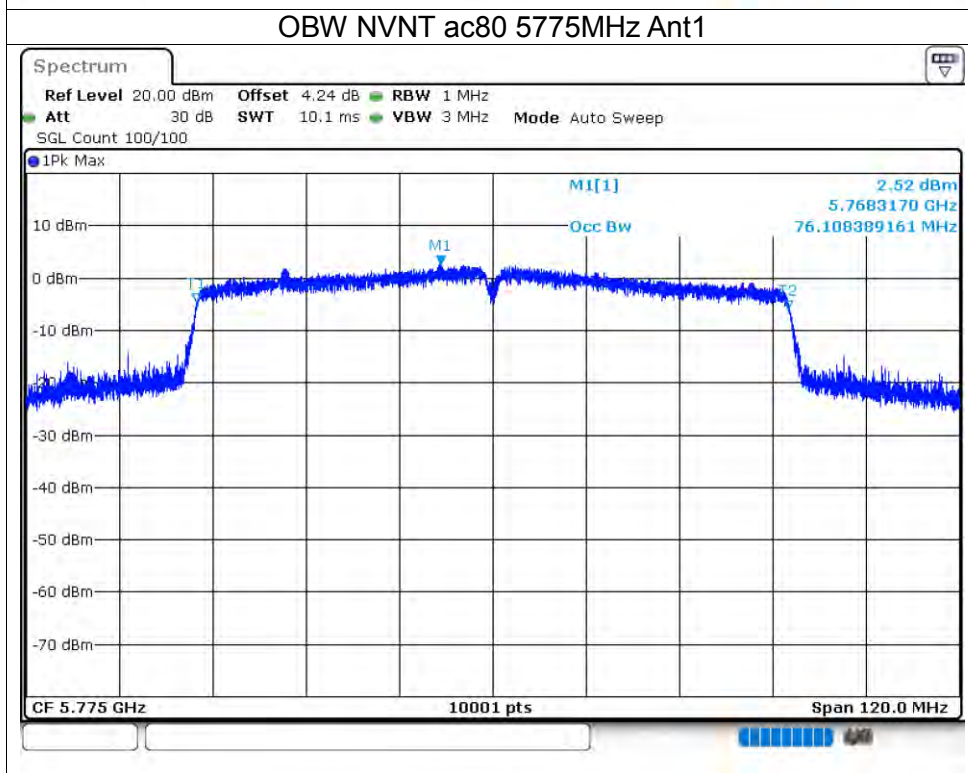
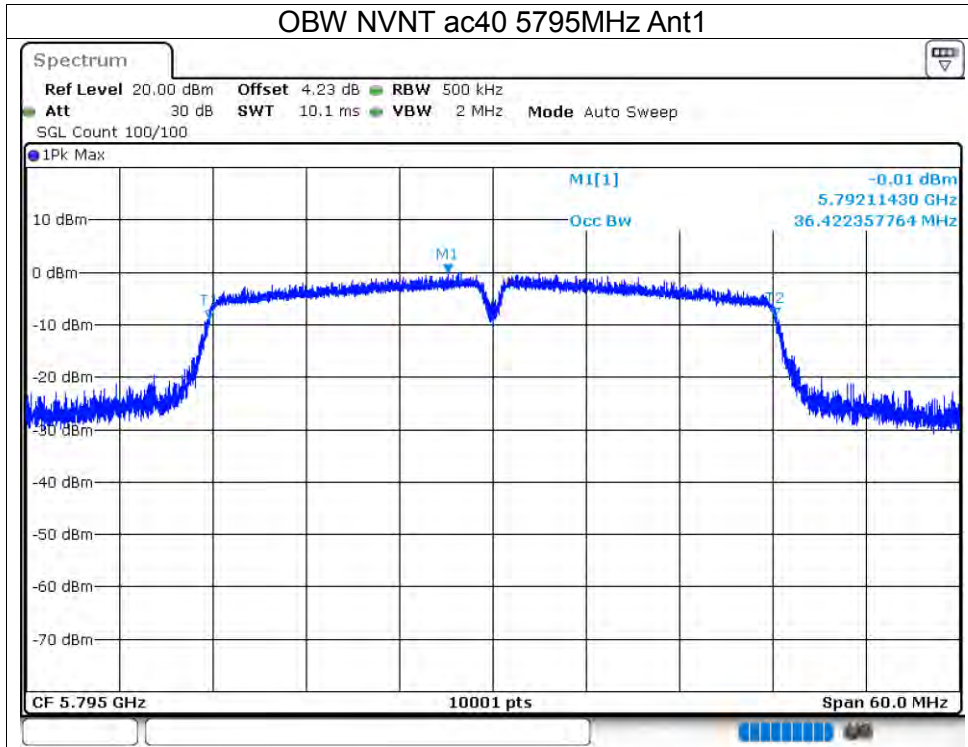
OBW NVNT n20 5825MHz Ant1









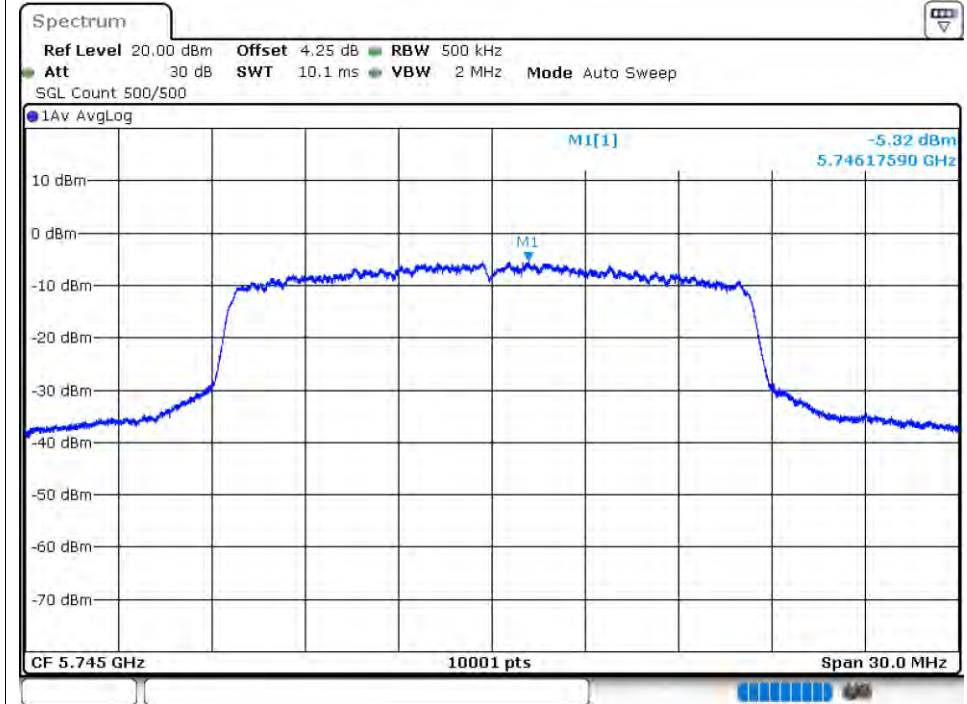


5.2.5 Maximum Power Spectral Density Level

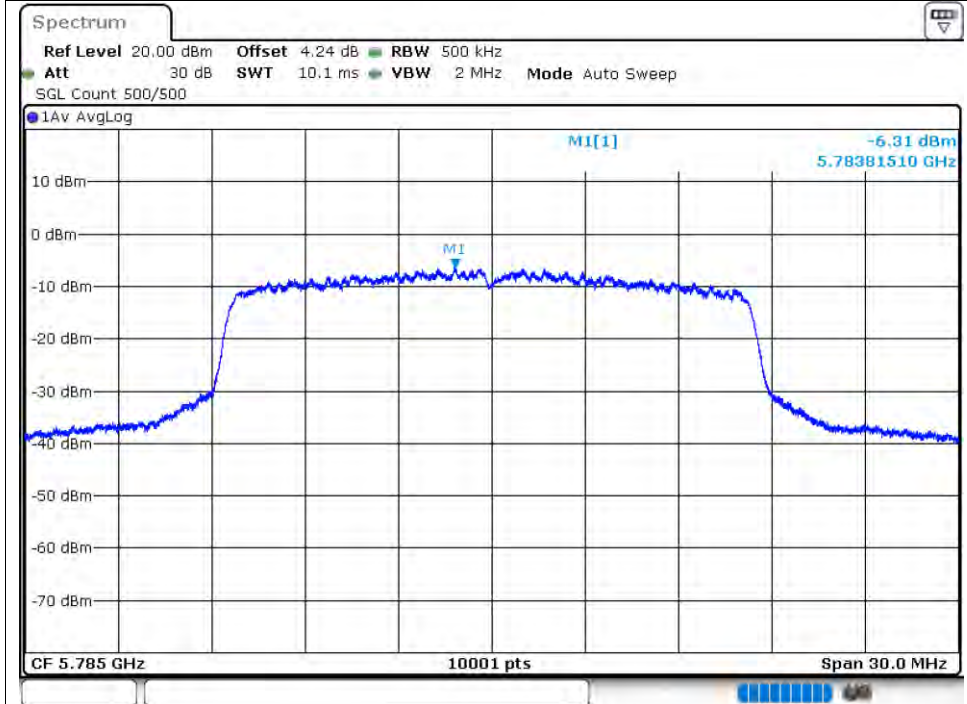
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-5.32	0.11	-5.21	30	Pass
NVNT	a	5785	Ant1	-6.31	0.11	-6.2	30	Pass
NVNT	a	5825	Ant1	-6.98	0.1	-6.88	30	Pass
NVNT	n20	5745	Ant1	-5.68	0.11	-5.57	30	Pass
NVNT	n20	5785	Ant1	-7.06	0.11	-6.95	30	Pass
NVNT	n20	5825	Ant1	-7.62	0.11	-7.51	30	Pass
NVNT	n40	5755	Ant1	-9.55	0.22	-9.33	30	Pass
NVNT	n40	5795	Ant1	-11.71	0.22	-11.49	30	Pass
NVNT	ac20	5745	Ant1	-5.54	0.11	-5.43	30	Pass
NVNT	ac20	5785	Ant1	-6.7	0.11	-6.59	30	Pass
NVNT	ac20	5825	Ant1	-7.48	0.11	-7.37	30	Pass
NVNT	ac40	5755	Ant1	-10.23	0.22	-10.01	30	Pass
NVNT	ac40	5795	Ant1	-11.48	0.22	-11.26	30	Pass
NVNT	ac80	5775	Ant1	-14.24	0.43	-13.81	30	Pass

Test Graphs

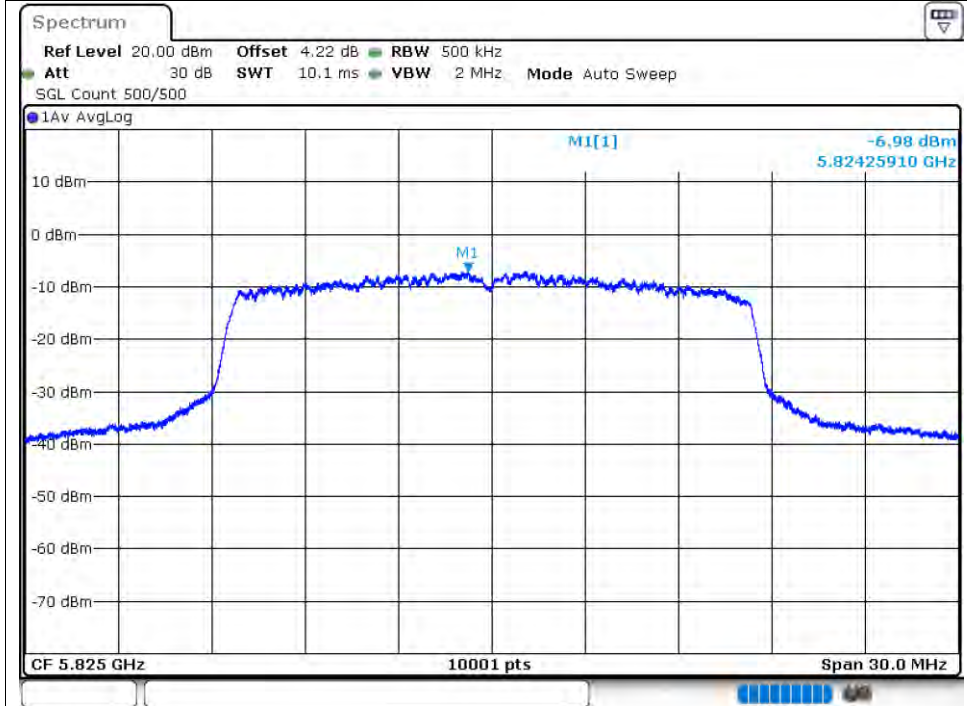
PSD NVNT a 5745MHz Ant1



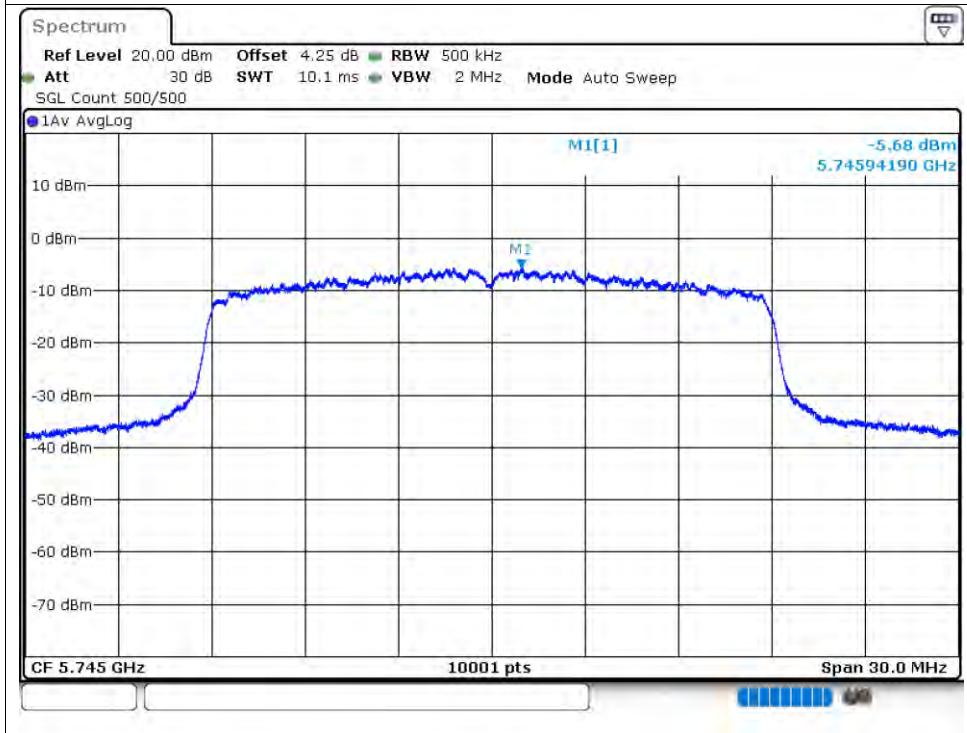
PSD NVNT a 5785MHz Ant1

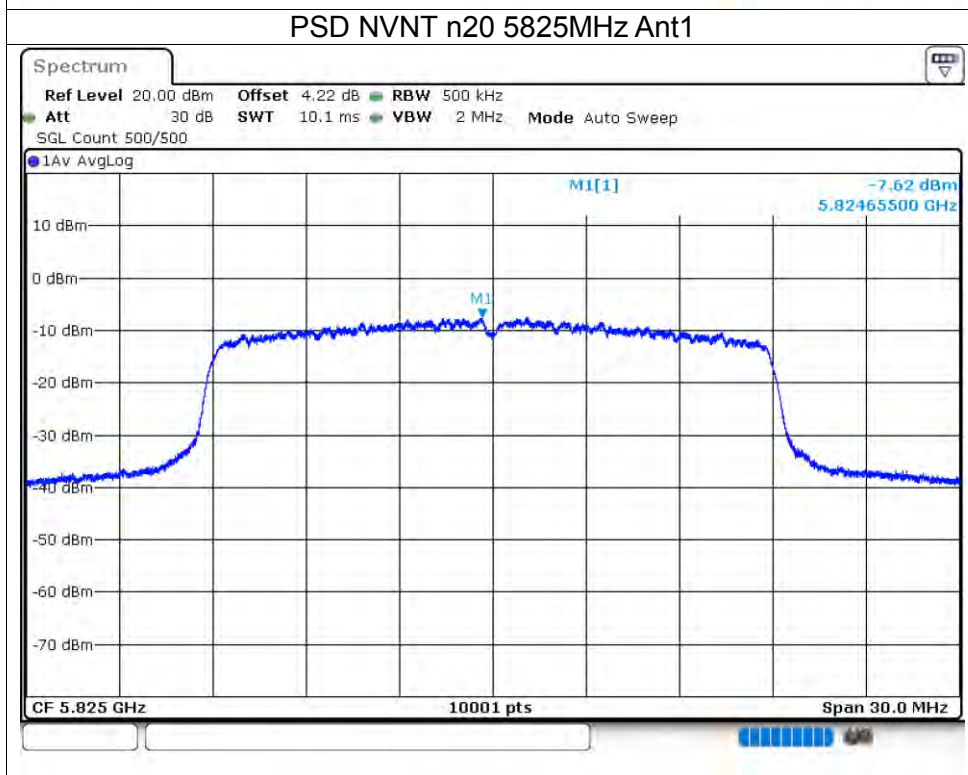
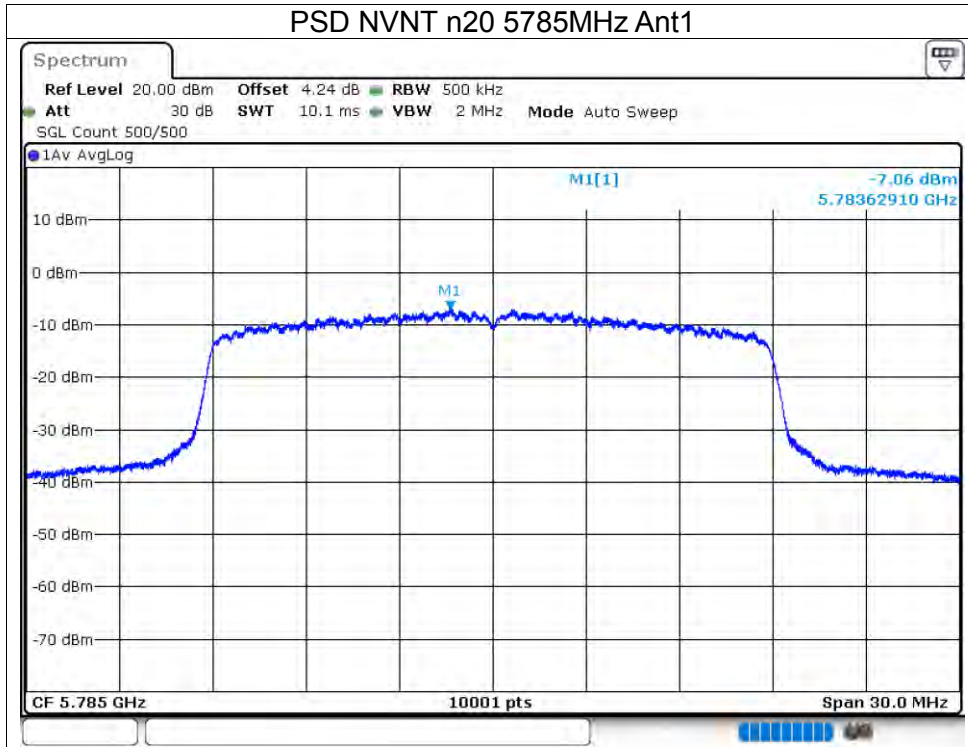


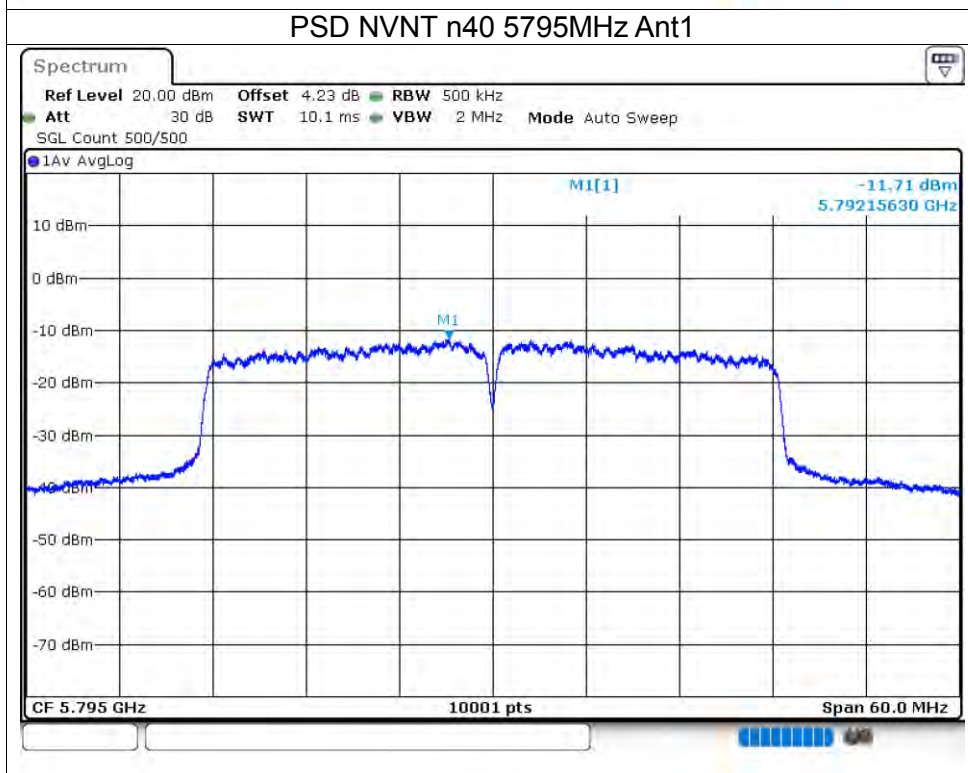
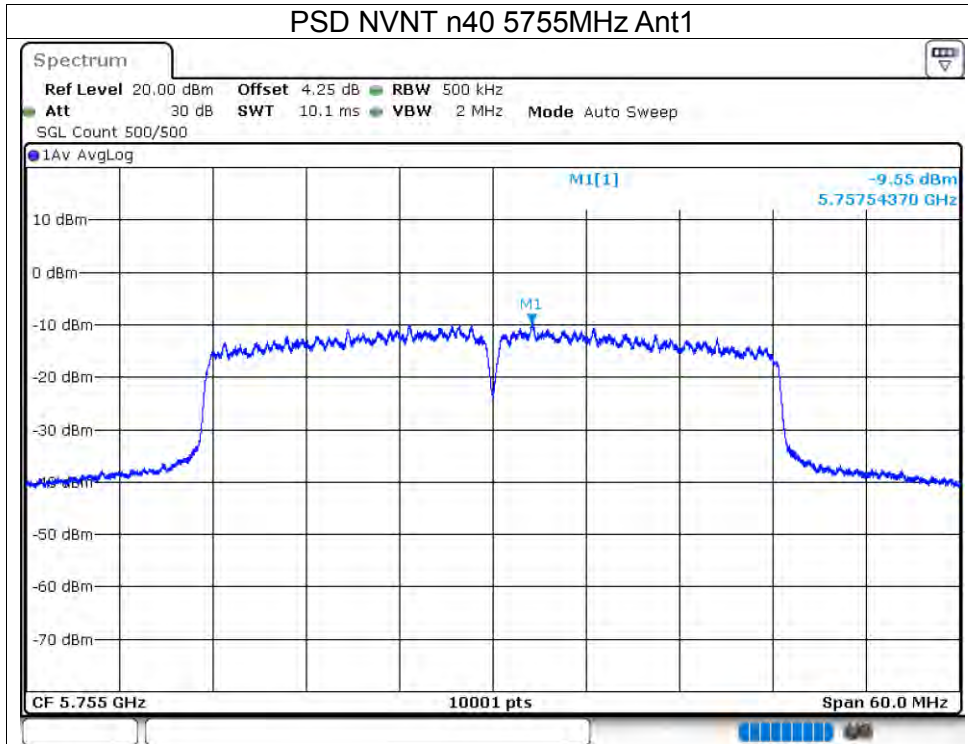
PSD NVNT a 5825MHz Ant1

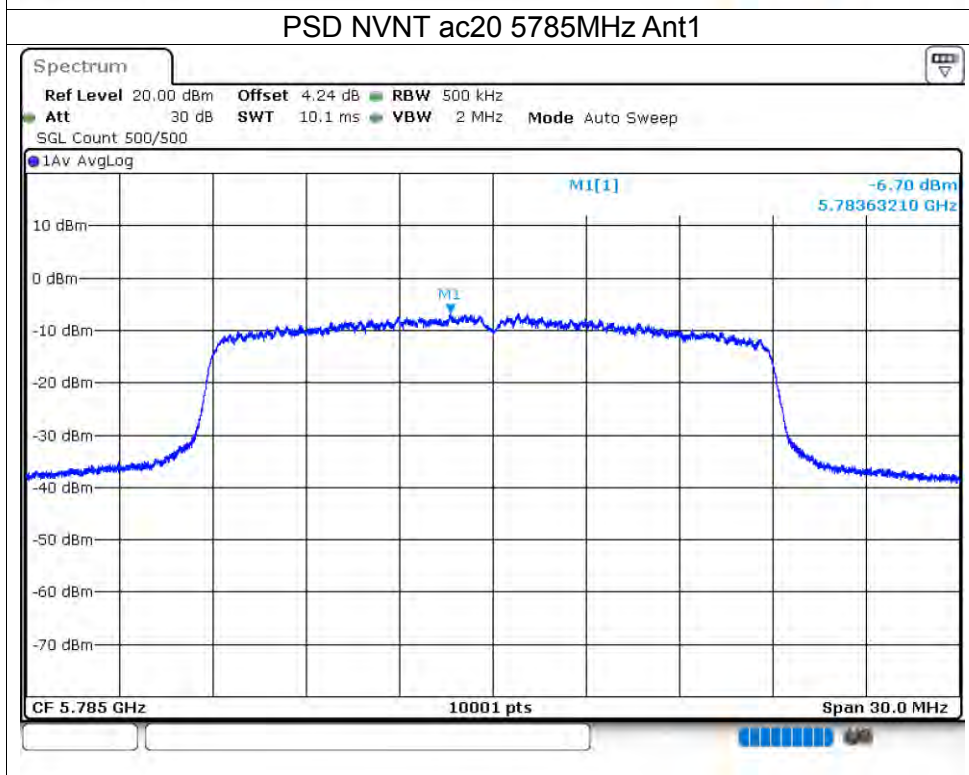
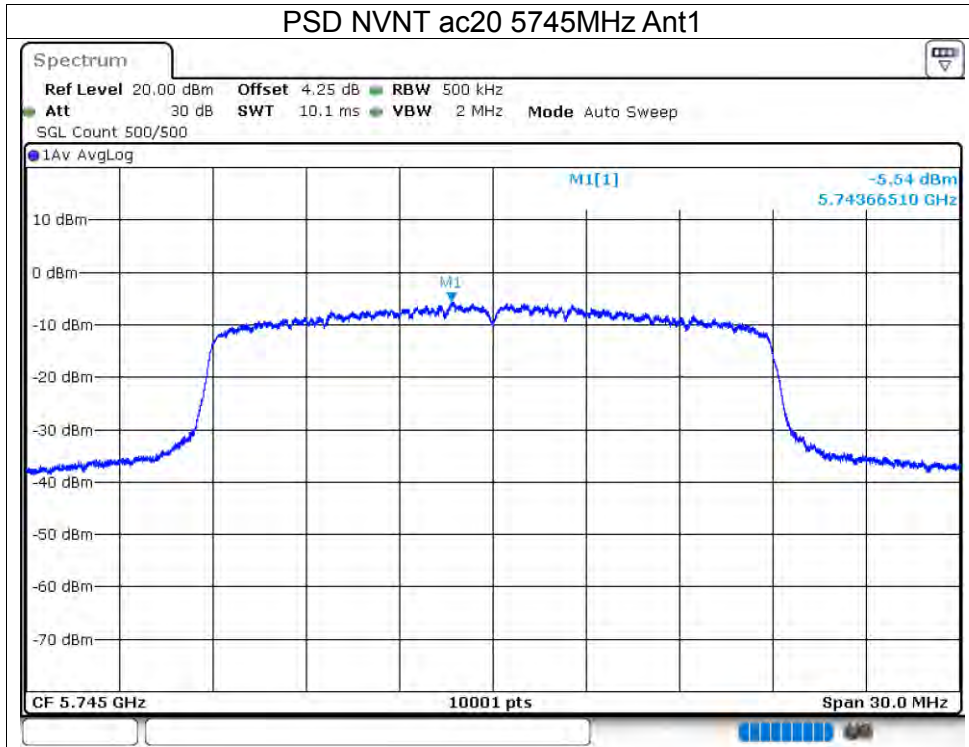


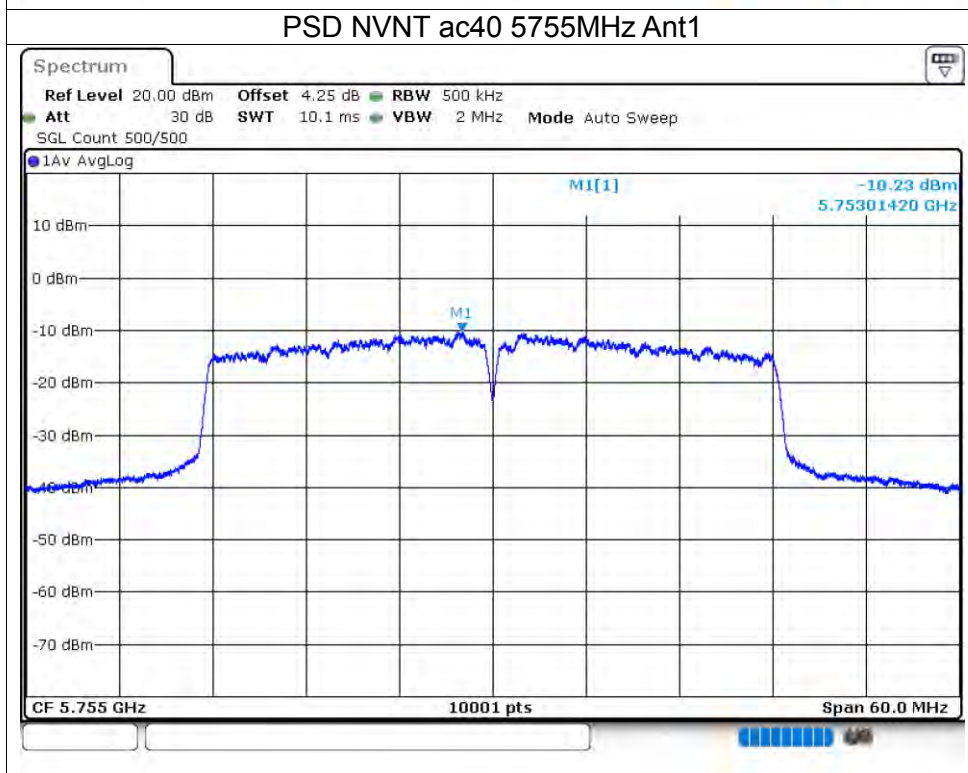
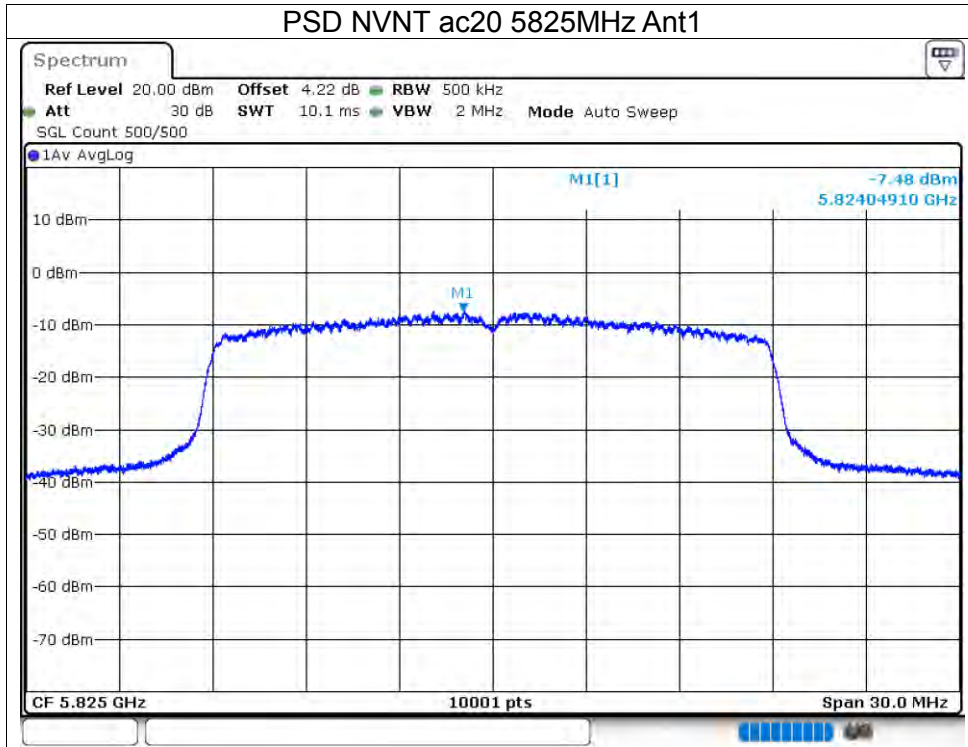
PSD NVNT n20 5745MHz Ant1

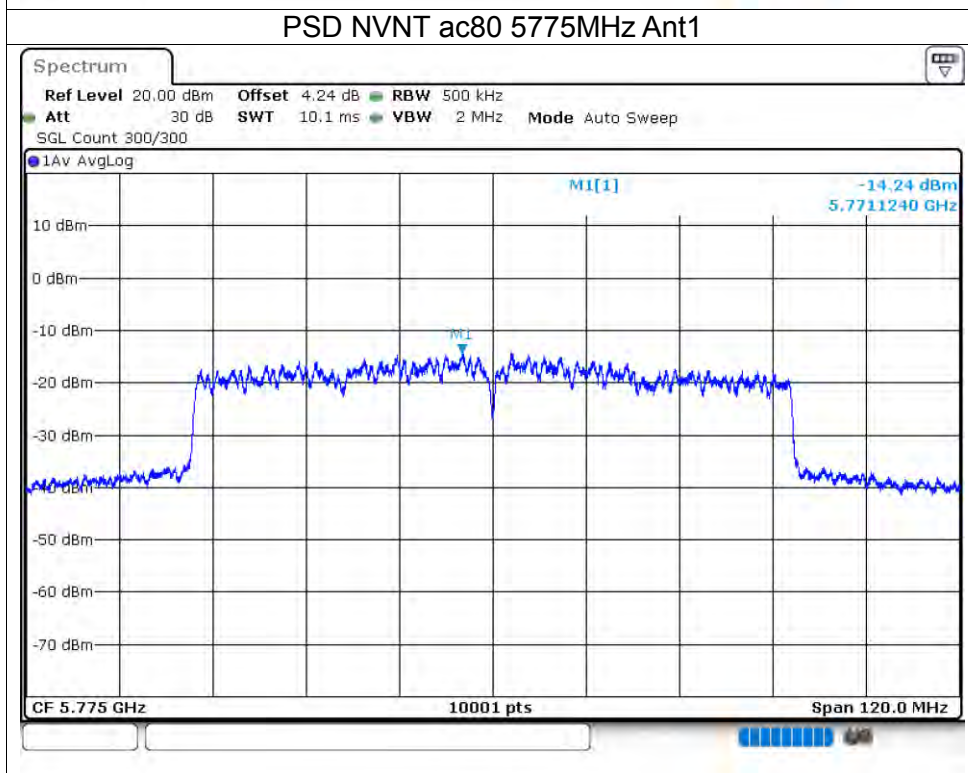
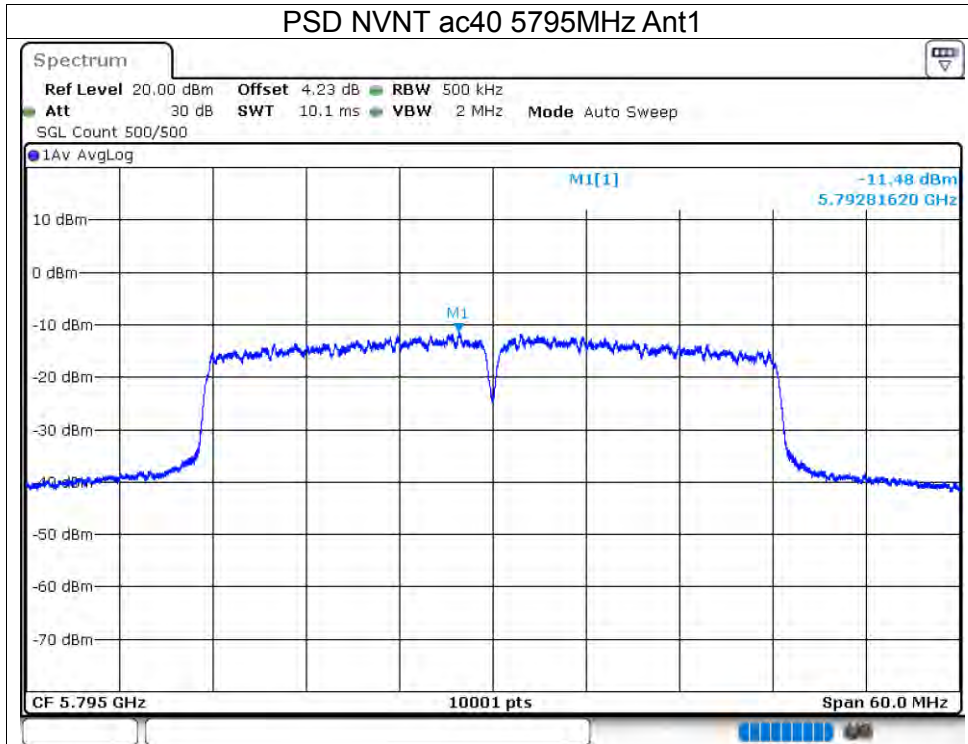










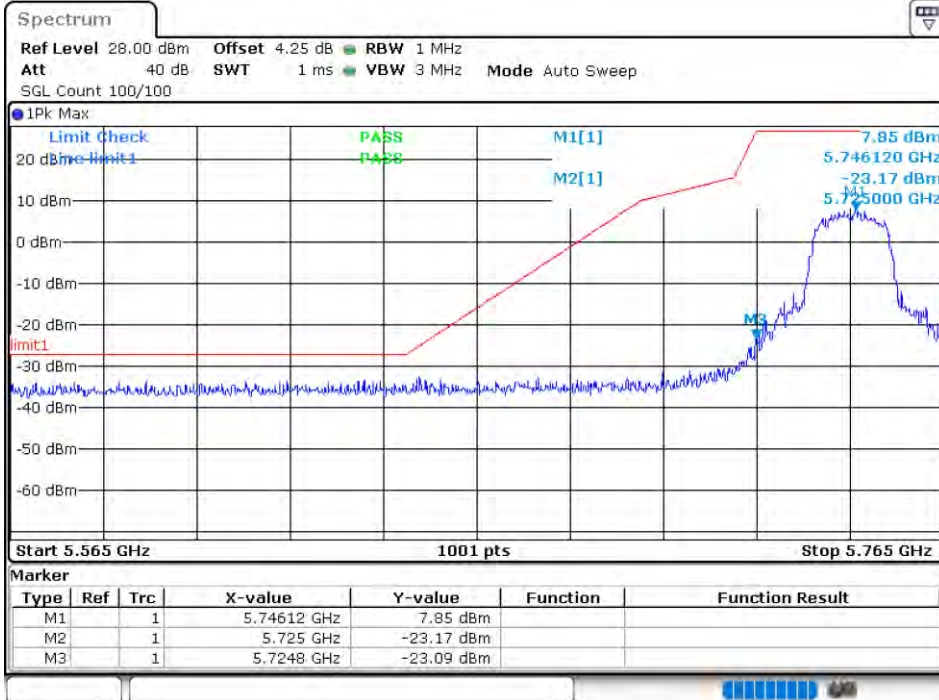


5.2.6 Band Edge

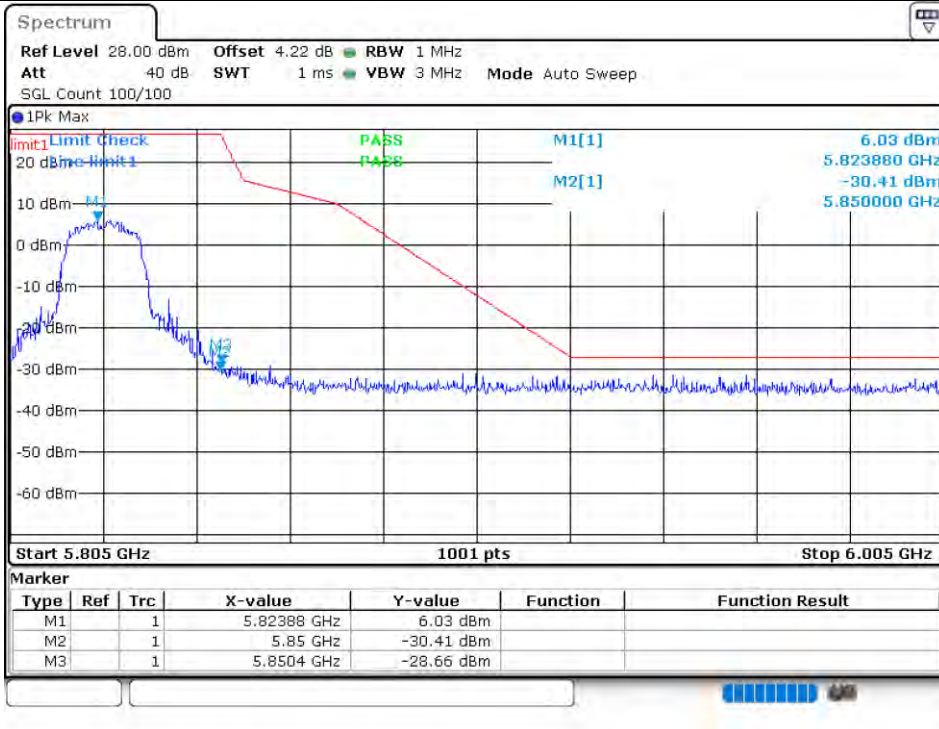
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-23.09	Pass
NVNT	a	5825	Ant1	-28.65	Pass
NVNT	n20	5745	Ant1	-24.59	Pass
NVNT	n20	5825	Ant1	-26.34	Pass
NVNT	n40	5755	Ant1	-19.95	Pass
NVNT	n40	5795	Ant1	-26.11	Pass
NVNT	ac20	5745	Ant1	-23.06	Pass
NVNT	ac20	5825	Ant1	-27.32	Pass
NVNT	ac40	5755	Ant1	-19.87	Pass
NVNT	ac40	5795	Ant1	-29.06	Pass
NVNT	ac80	5775	Ant1	-22.1	Pass

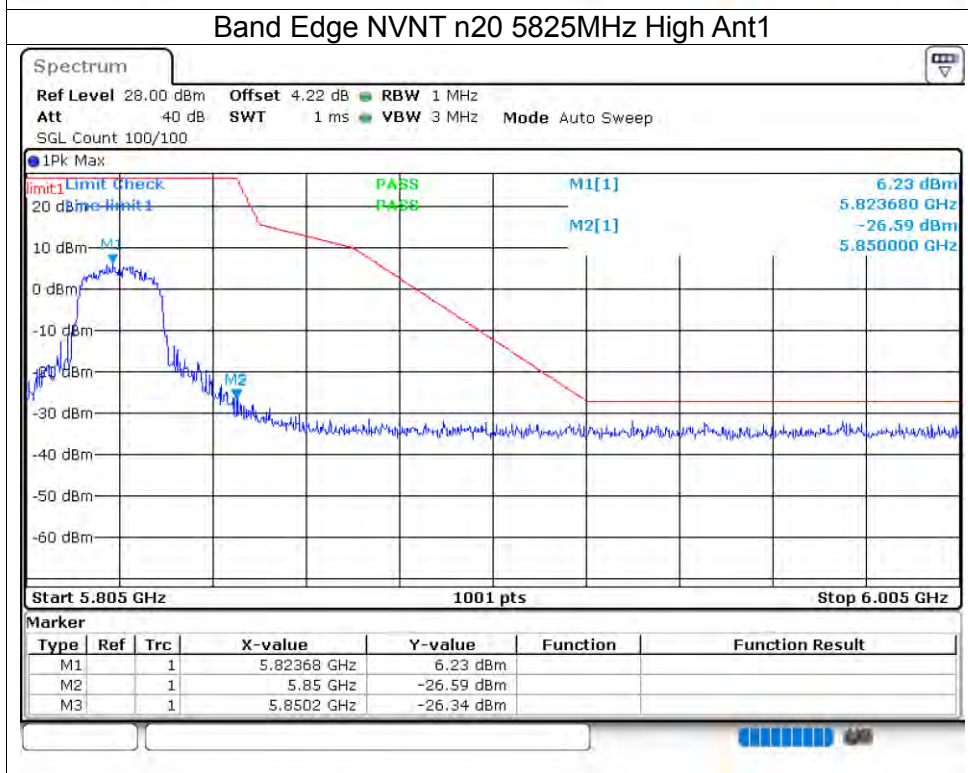
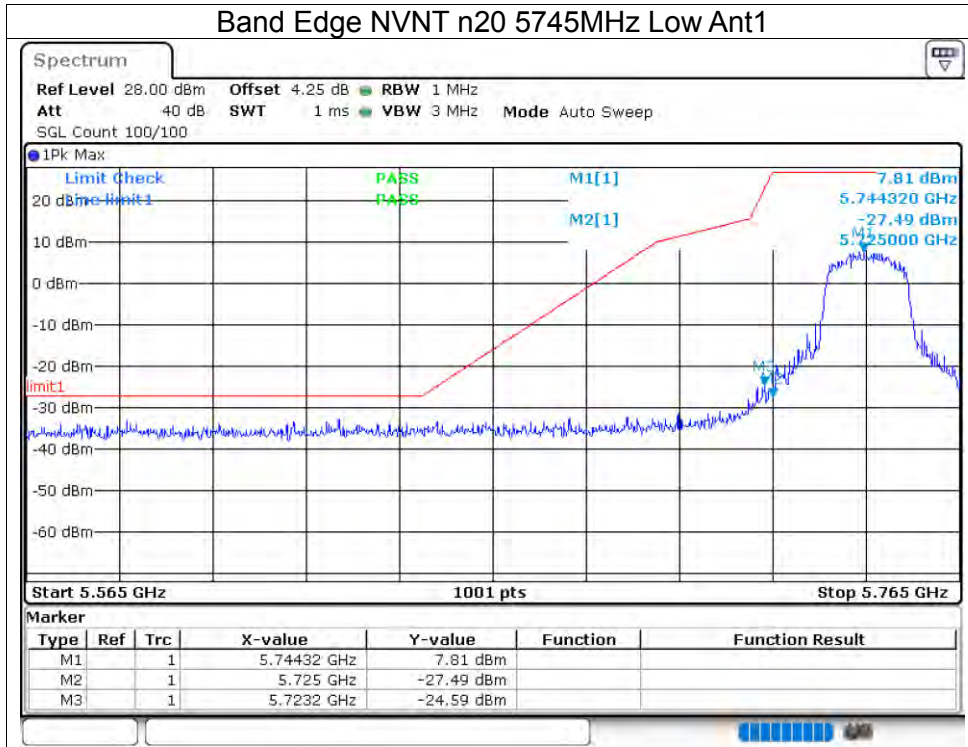
Test Graphs

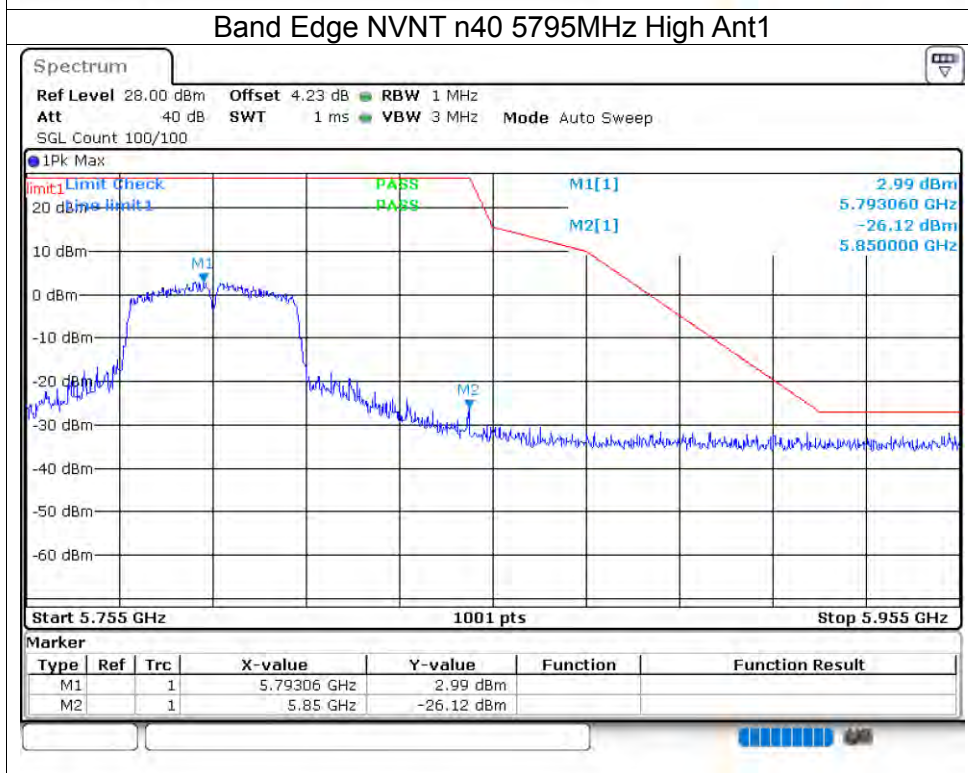
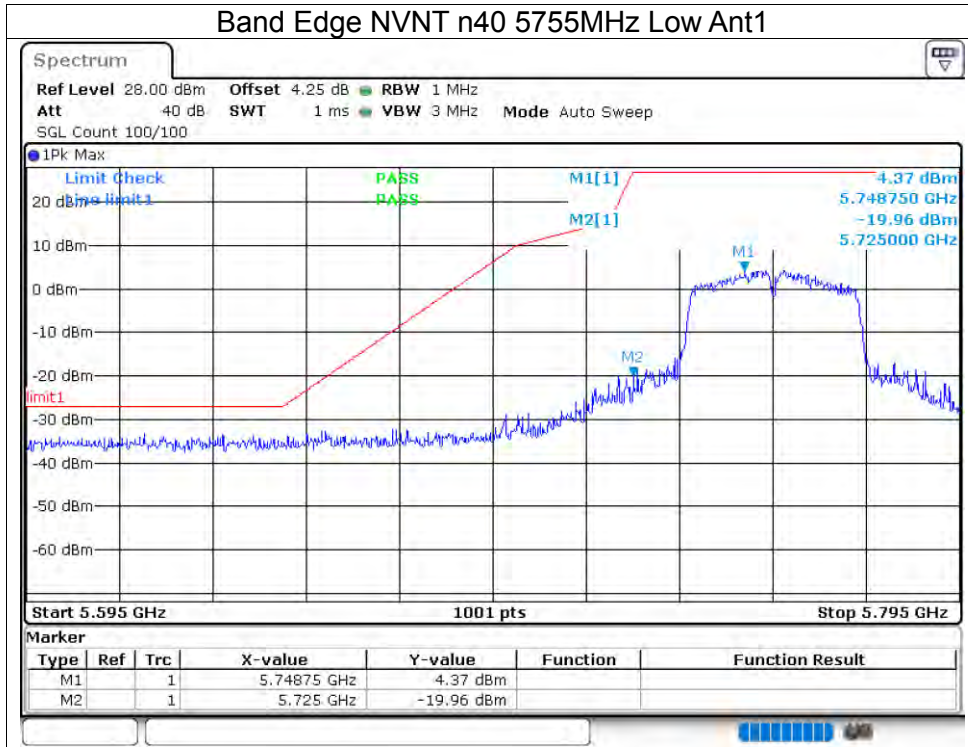
Band Edge NVNT a 5745MHz Low Ant1

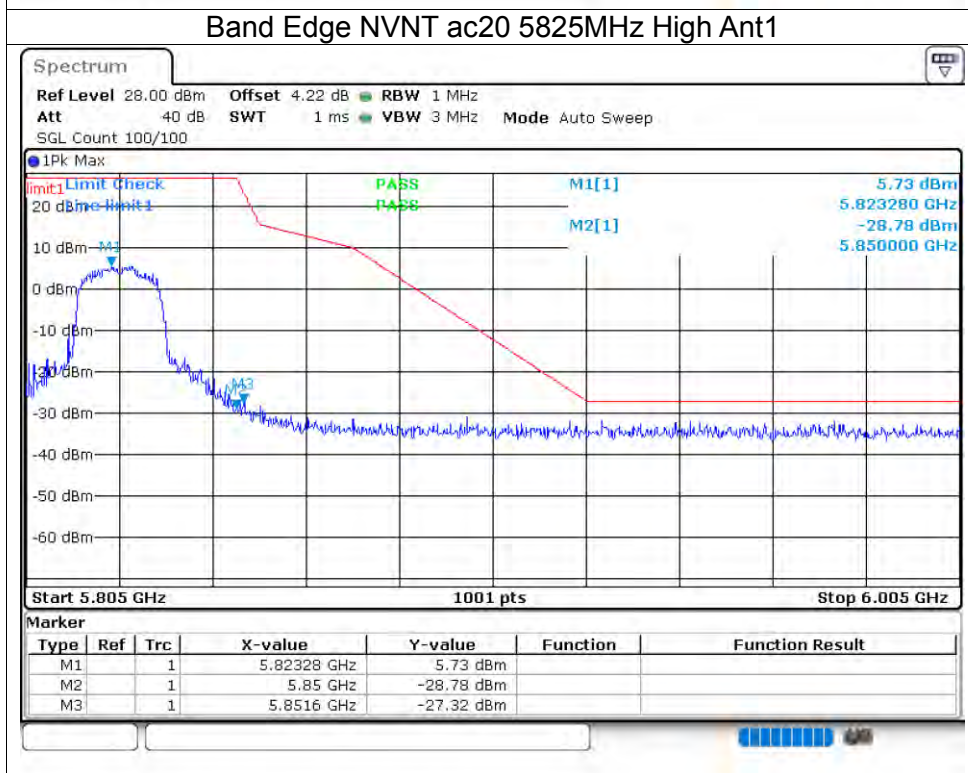
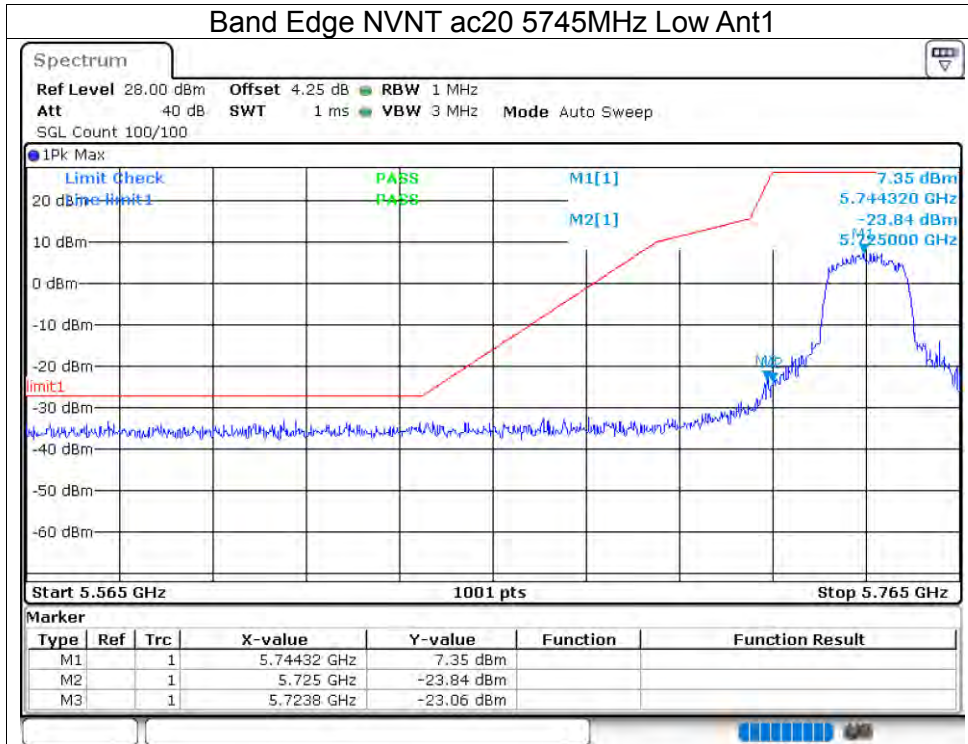


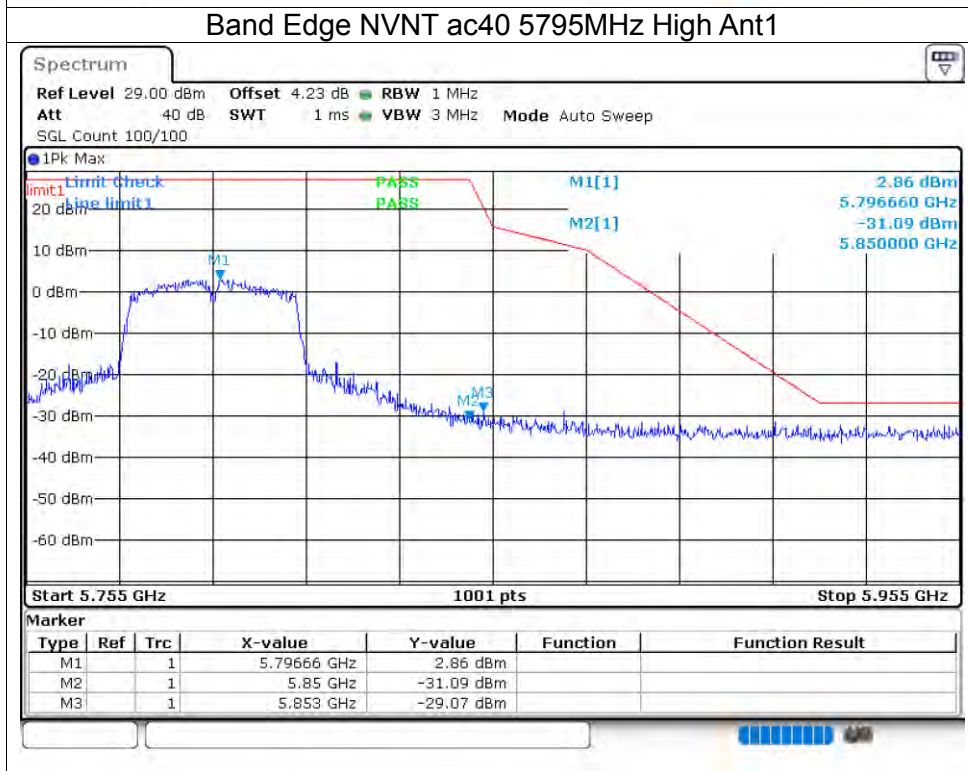
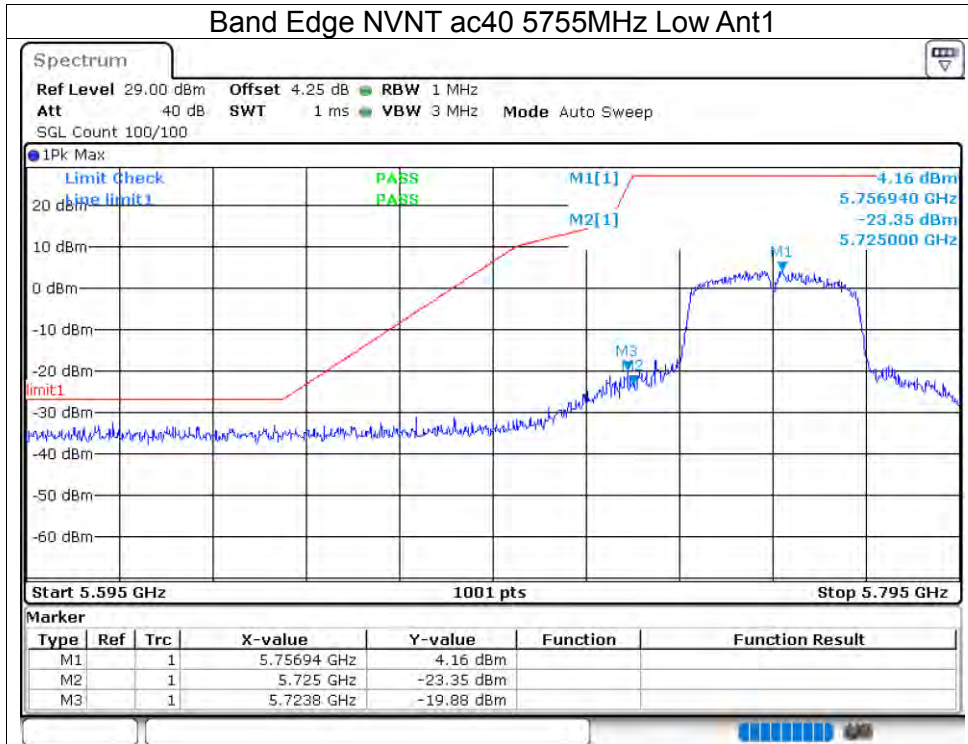
Band Edge NVNT a 5825MHz High Ant1

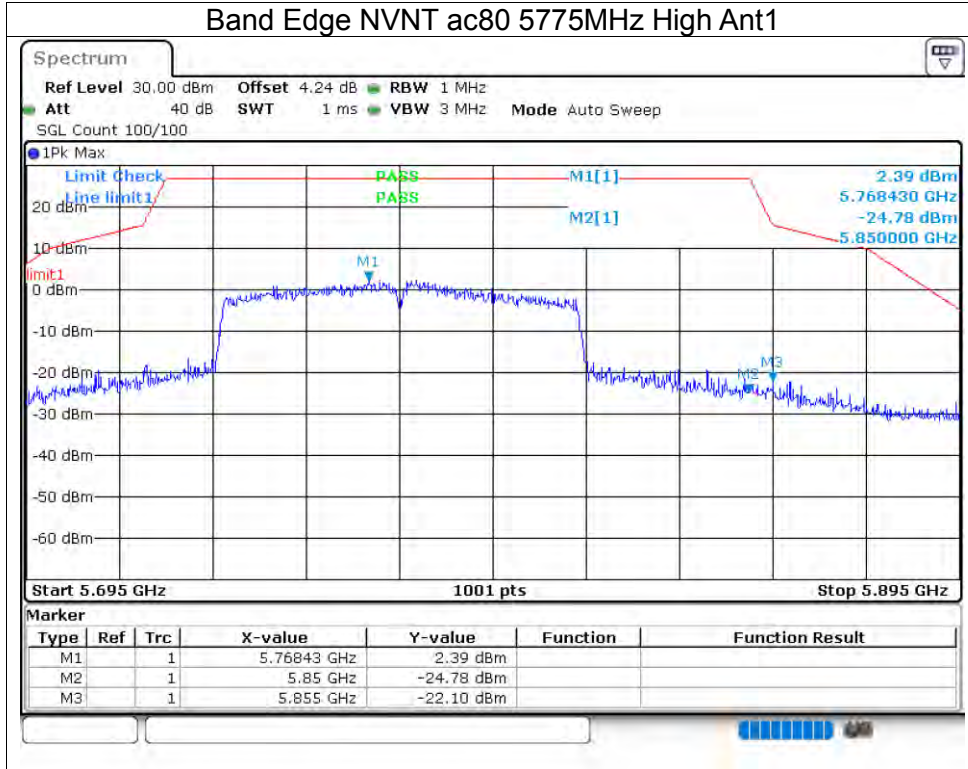










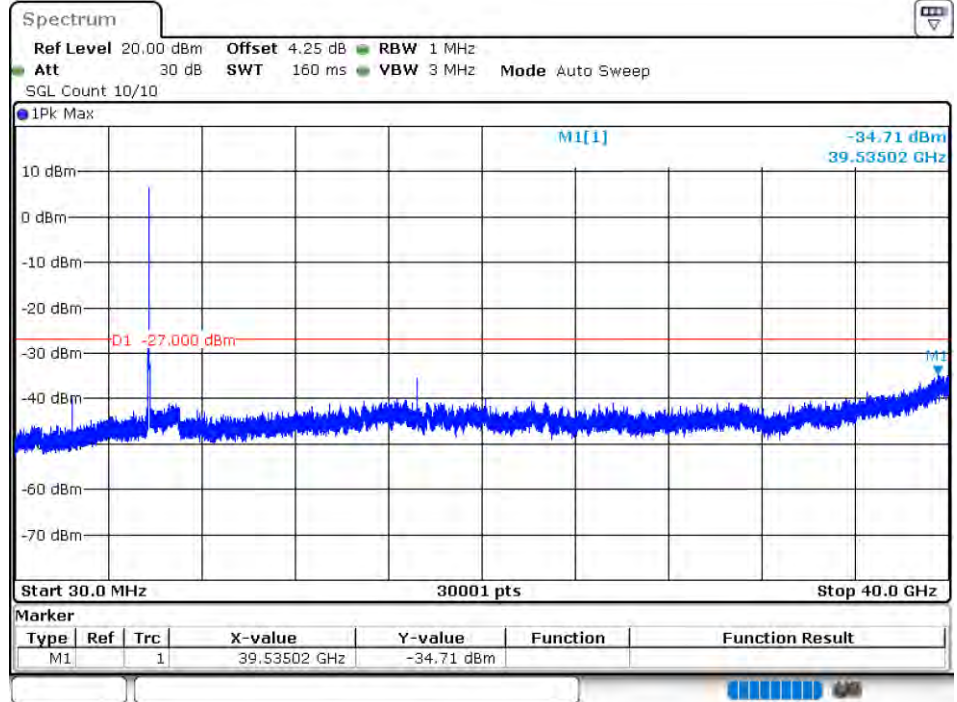


5.2.7 Conducted RF Spurious Emission

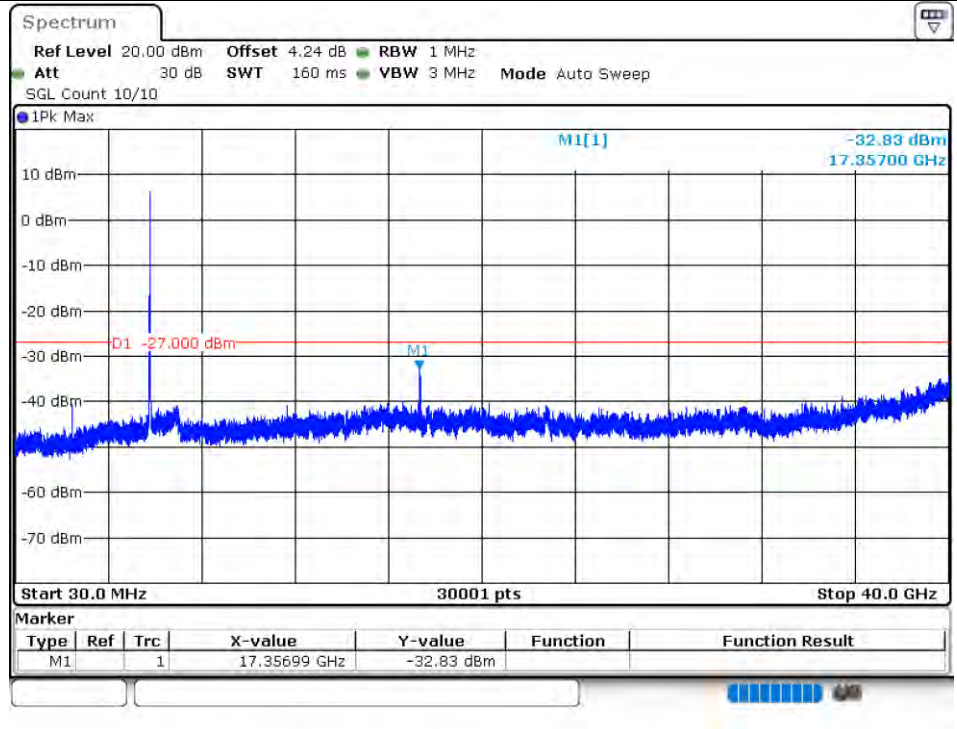
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-34.7	-27	Pass
NVNT	a	5785	Ant1	-32.82	-27	Pass
NVNT	a	5825	Ant1	-34.69	-27	Pass
NVNT	n20	5745	Ant1	-35.03	-27	Pass
NVNT	n20	5785	Ant1	-34.2	-27	Pass
NVNT	n20	5825	Ant1	-34.33	-27	Pass
NVNT	n40	5755	Ant1	-33.83	-27	Pass
NVNT	n40	5795	Ant1	-34.66	-27	Pass
NVNT	ac20	5745	Ant1	-34.47	-27	Pass
NVNT	ac20	5785	Ant1	-33.11	-27	Pass
NVNT	ac20	5825	Ant1	-34.18	-27	Pass
NVNT	ac40	5755	Ant1	-34.27	-27	Pass
NVNT	ac40	5795	Ant1	-34.45	-27	Pass
NVNT	ac80	5775	Ant1	-34.31	-27	Pass

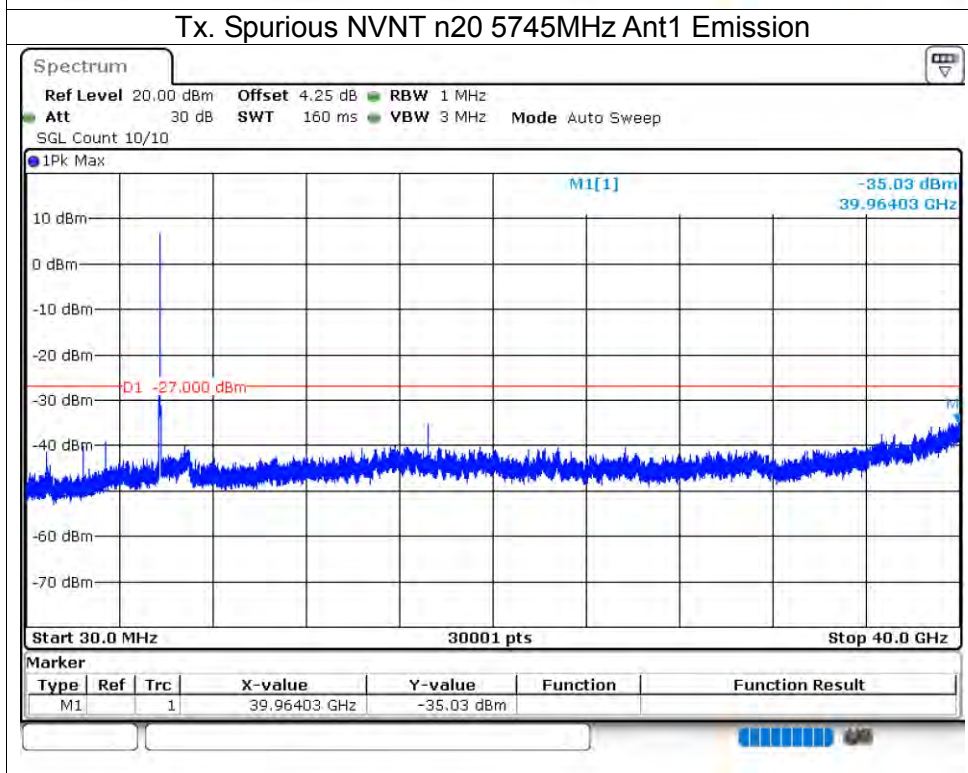
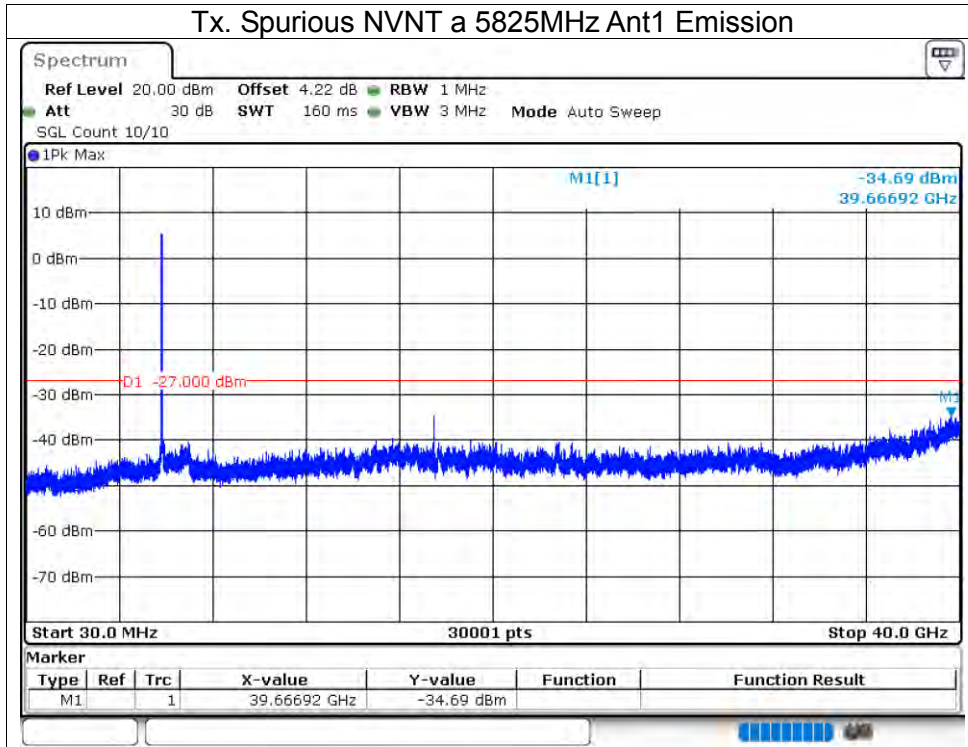
Test Graphs

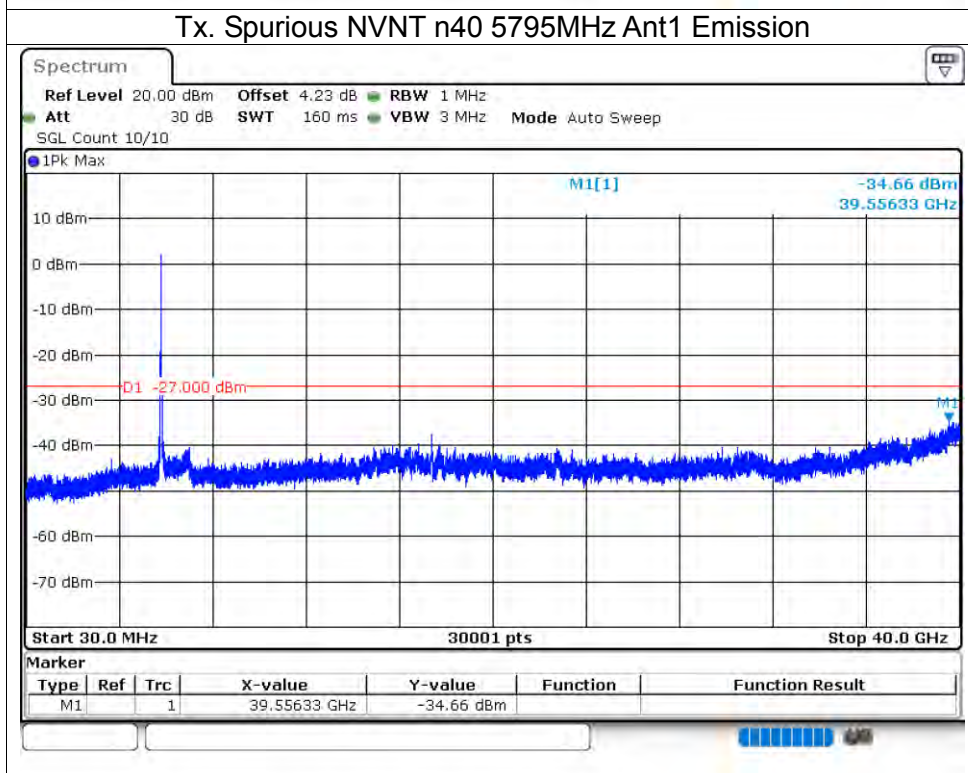
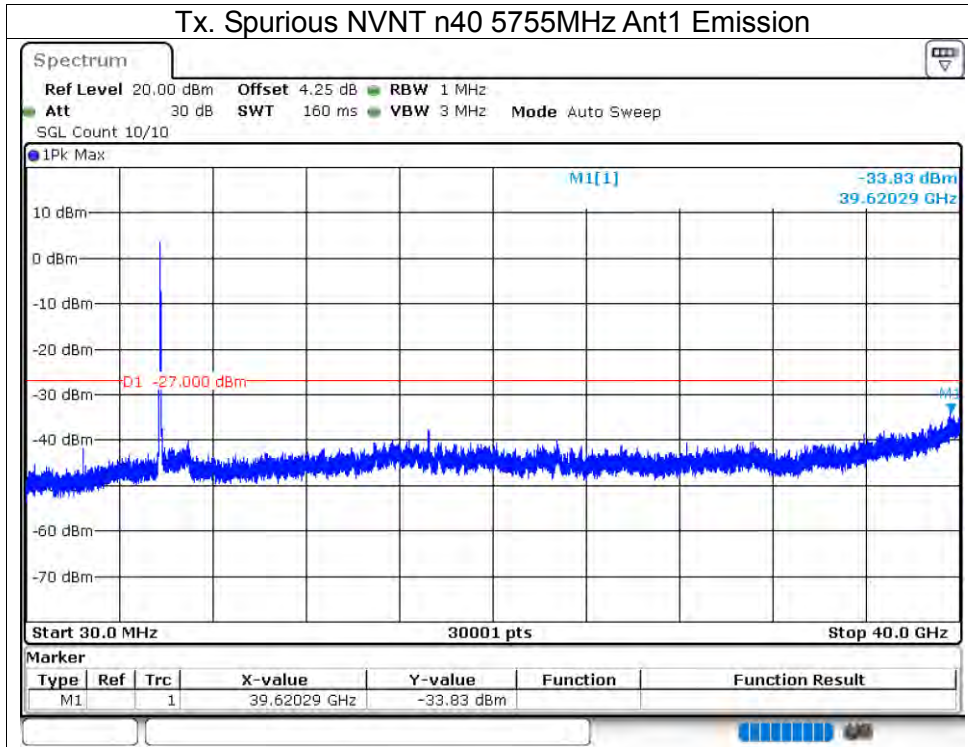
Tx. Spurious NVNT a 5745MHz Ant1 Emission

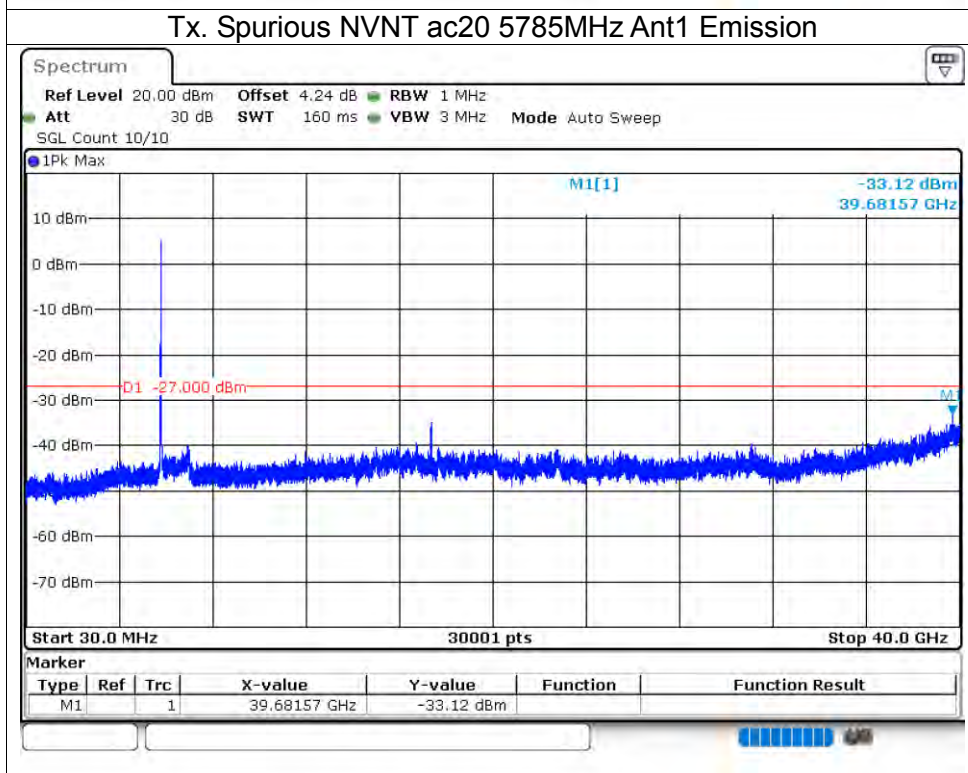
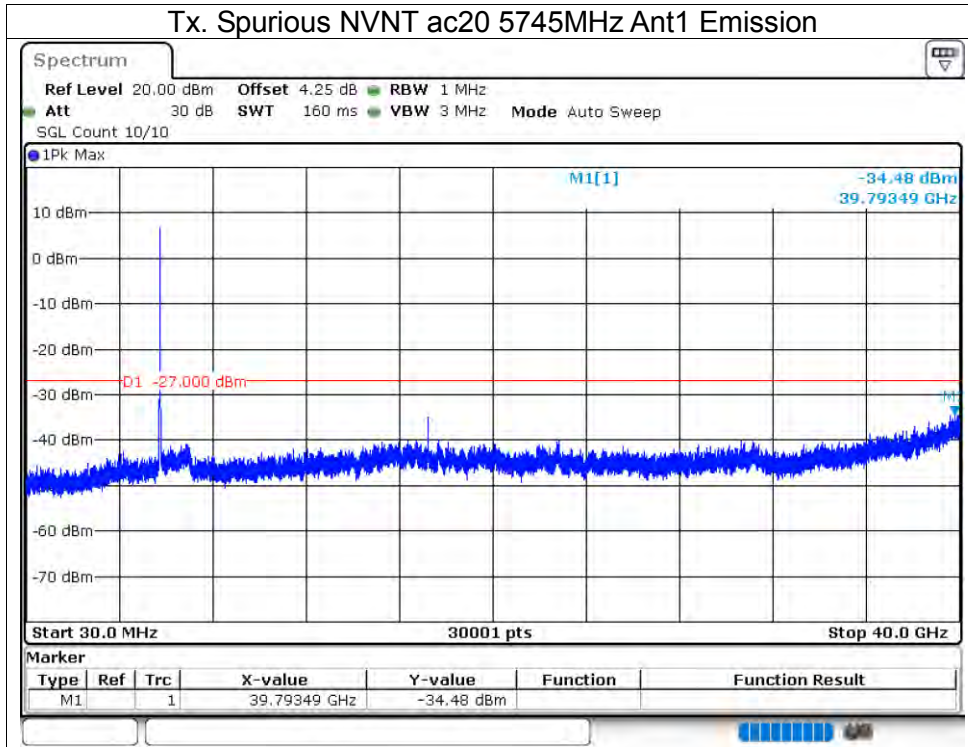


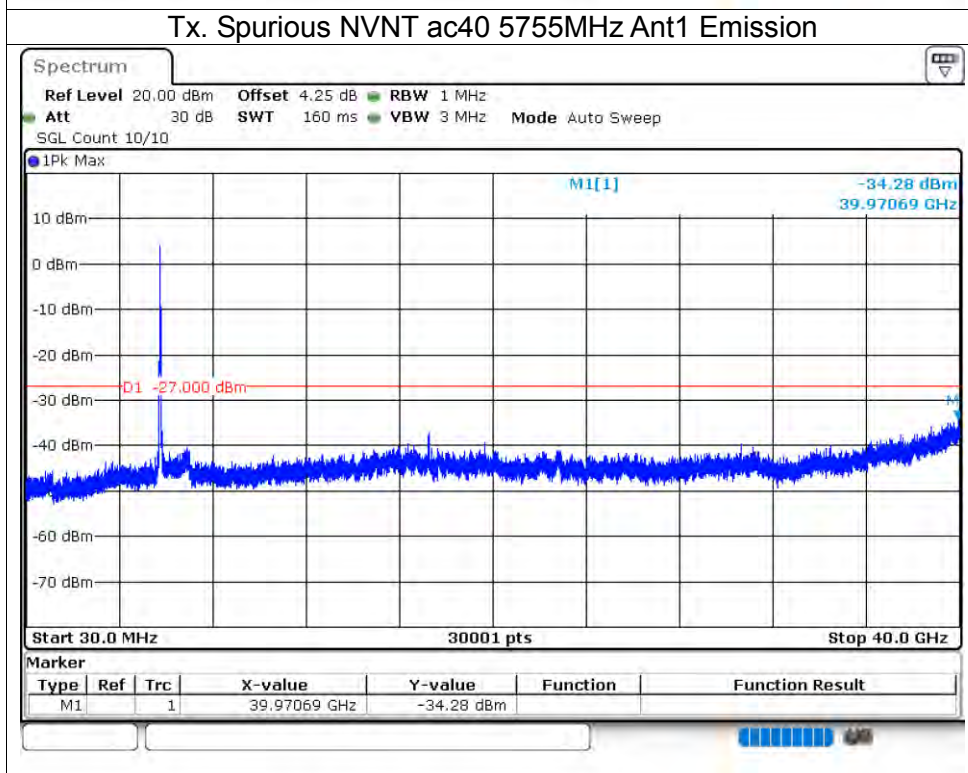
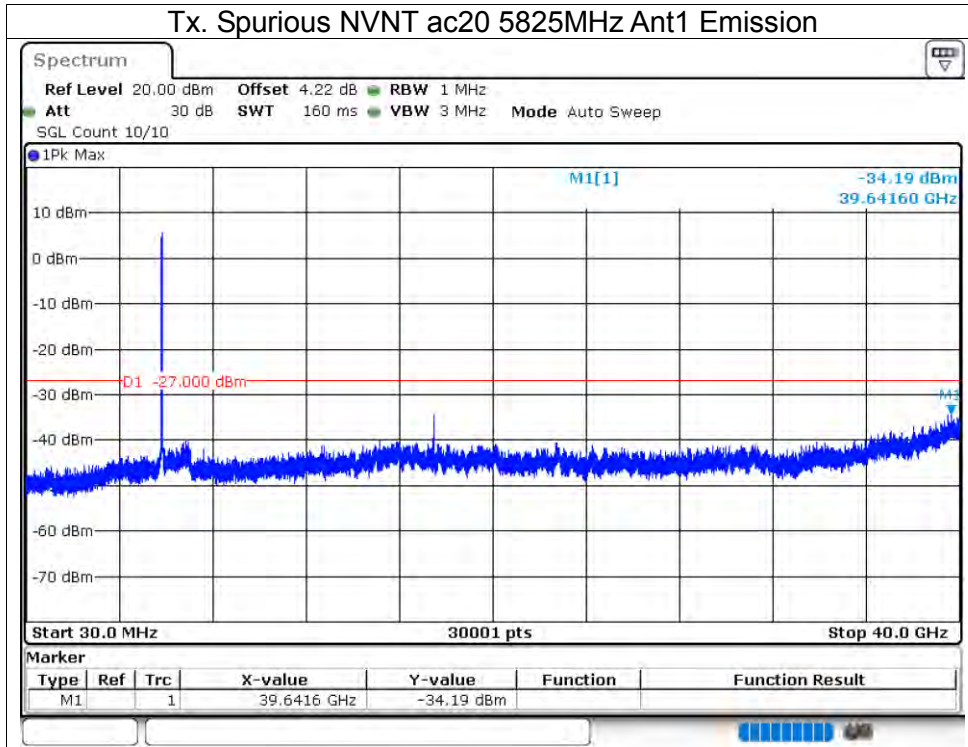
Tx. Spurious NVNT a 5785MHz Ant1 Emission

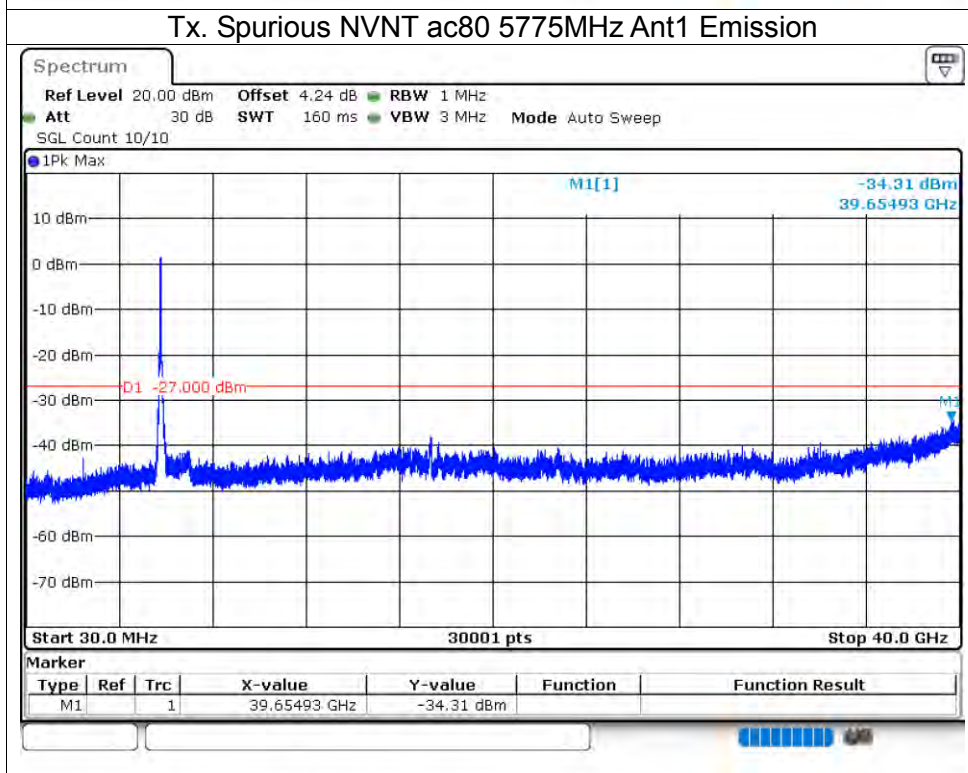
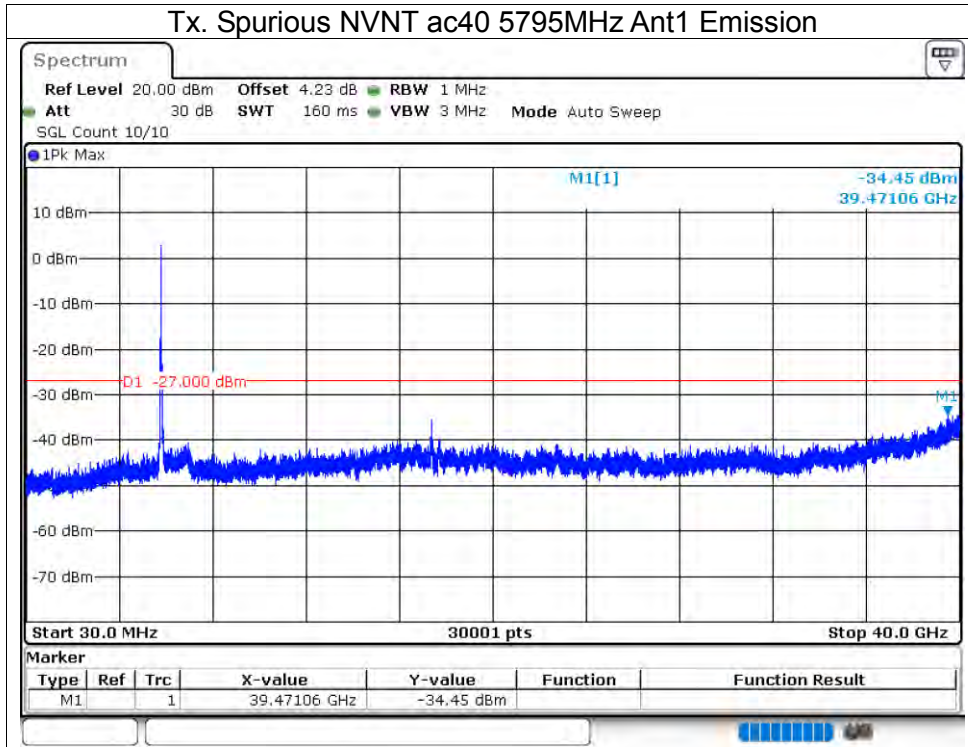












END OF REPORT