

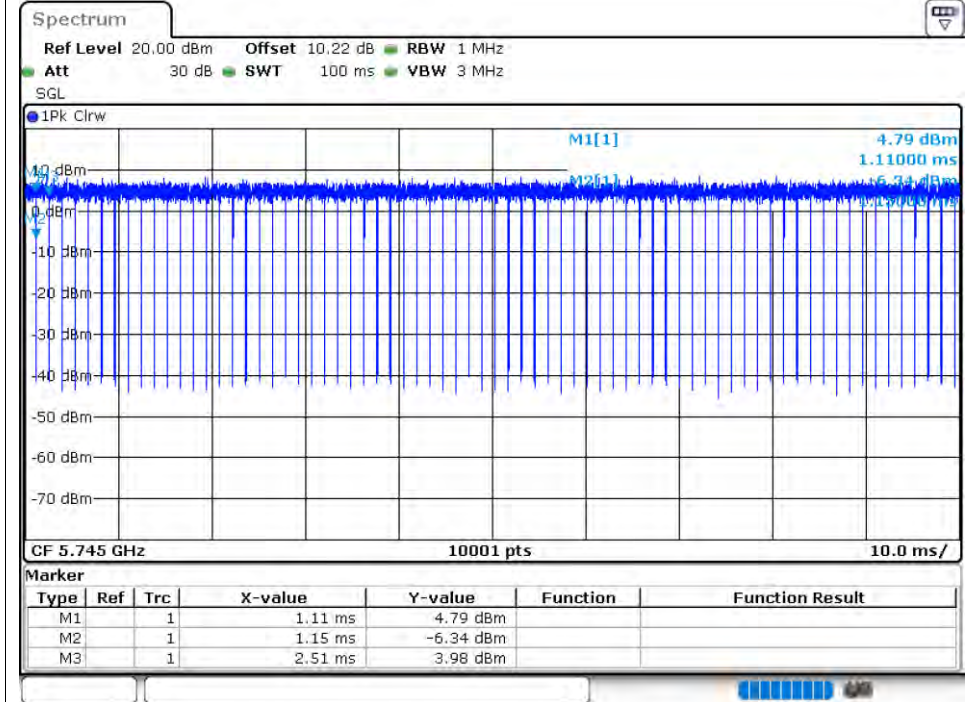
5.8G WIFI

5.1 DUTY CYCLE

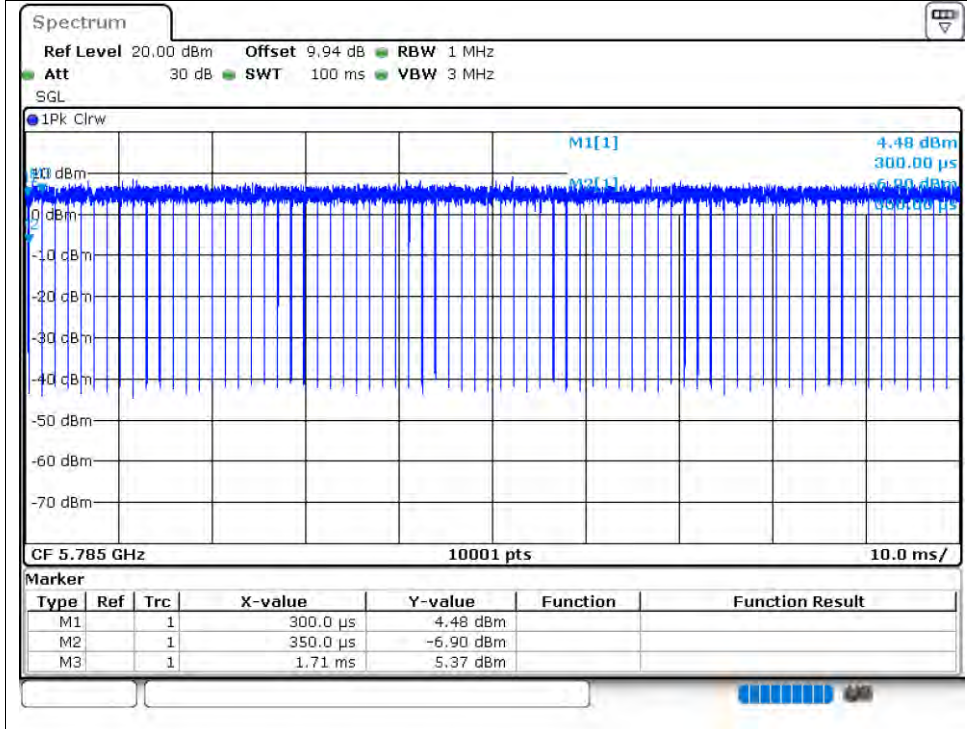
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	97.6	0.11	0.74
NVNT	a	5785	Ant1	97.58	0.11	0.74
NVNT	a	5825	Ant1	97.59	0.11	0.74
NVNT	n20	5745	Ant1	97.39	0.11	0.79
NVNT	n20	5785	Ant1	97.41	0.11	0.79
NVNT	n20	5825	Ant1	97.41	0.11	0.79
NVNT	n40	5755	Ant1	94.99	0.22	1.61
NVNT	n40	5795	Ant1	95	0.22	1.61
NVNT	ac20	5745	Ant1	97.42	0.11	0.78
NVNT	ac20	5785	Ant1	97.44	0.11	0.78
NVNT	ac20	5825	Ant1	97.46	0.11	0.78
NVNT	ac40	5755	Ant1	95.1	0.22	1.54
NVNT	ac40	5795	Ant1	95.12	0.22	1.56
NVNT	ac80	5775	Ant1	90.66	0.43	3.13

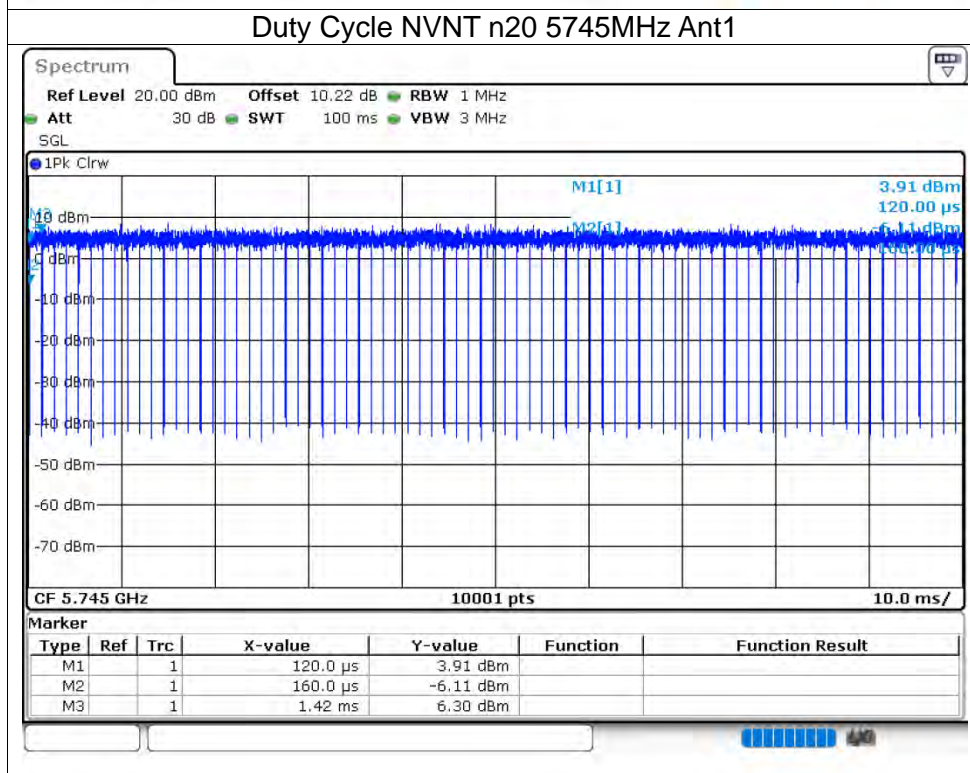
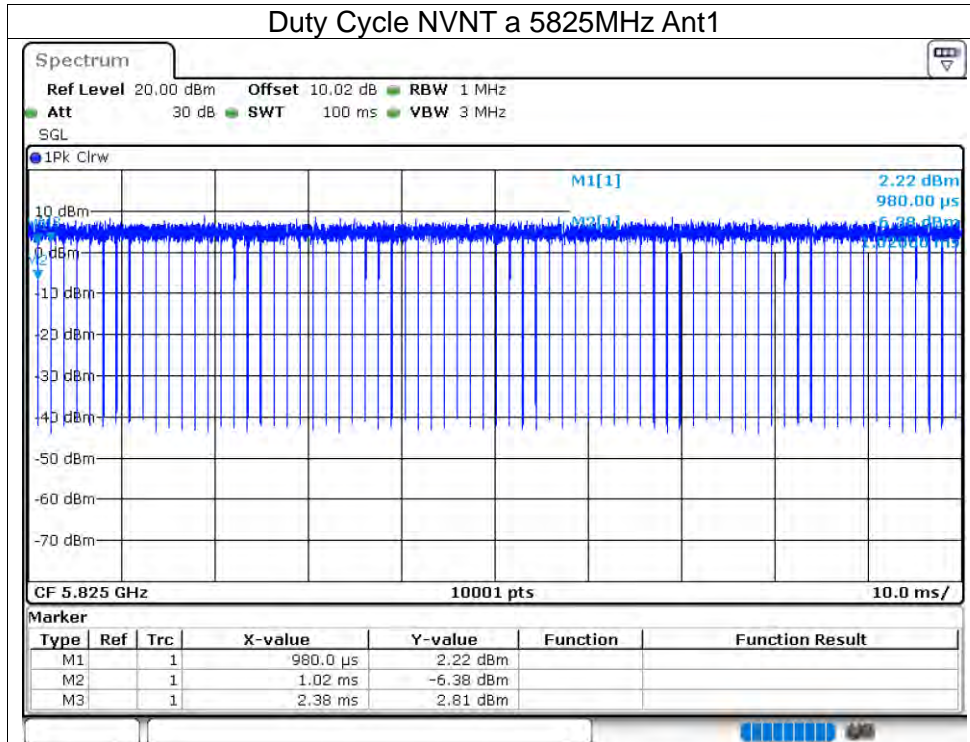
Test Graphs

Duty Cycle NVNT a 5745MHz Ant1

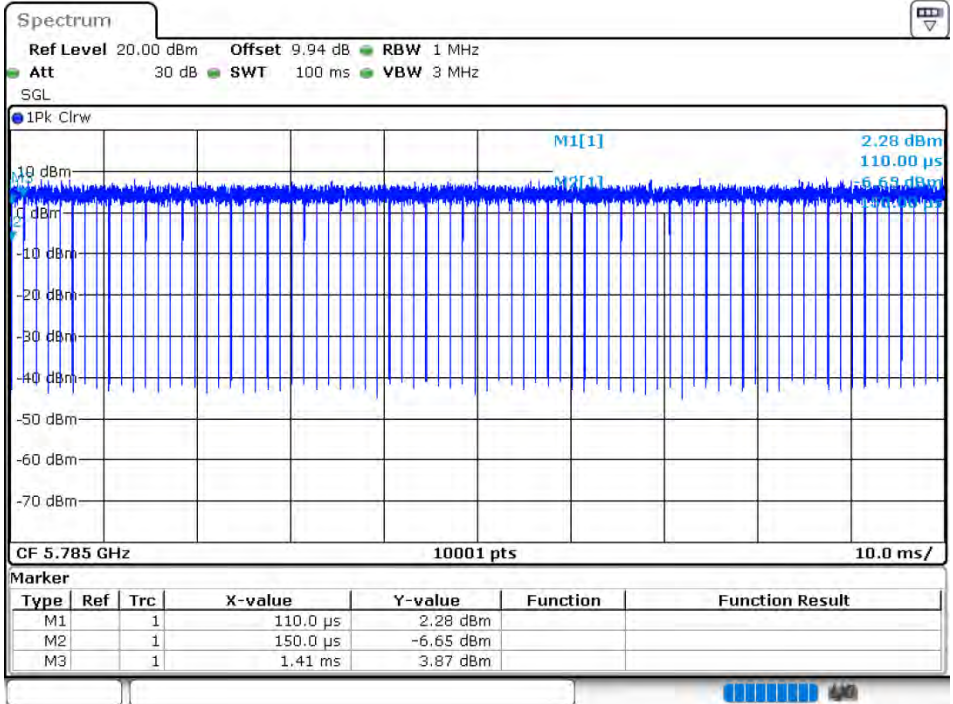


Duty Cycle NVNT a 5785MHz Ant1

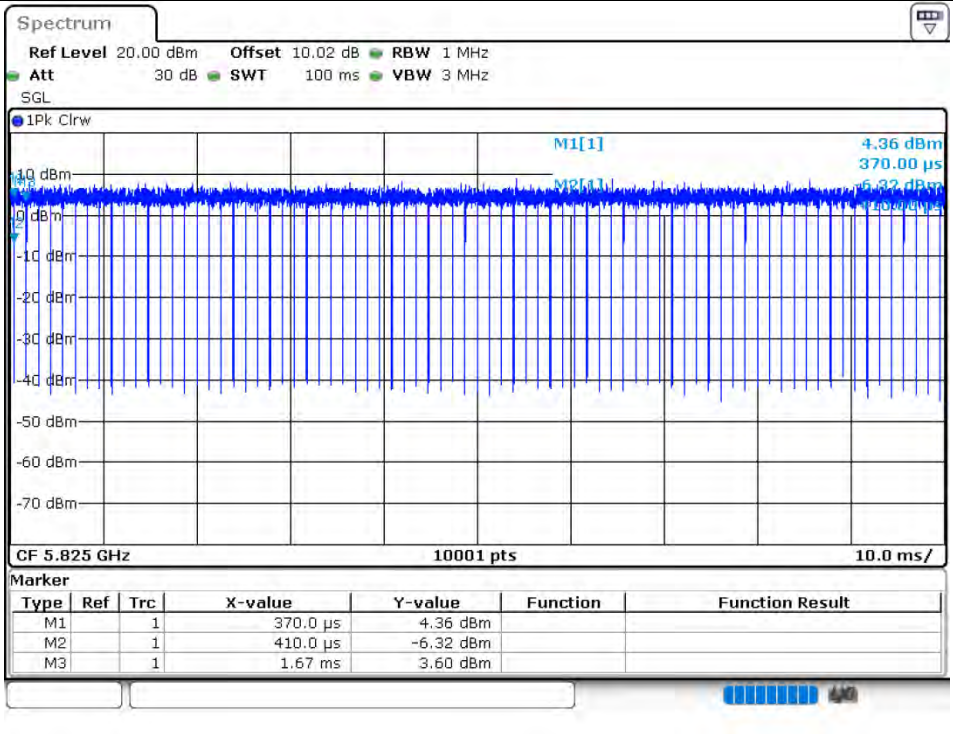


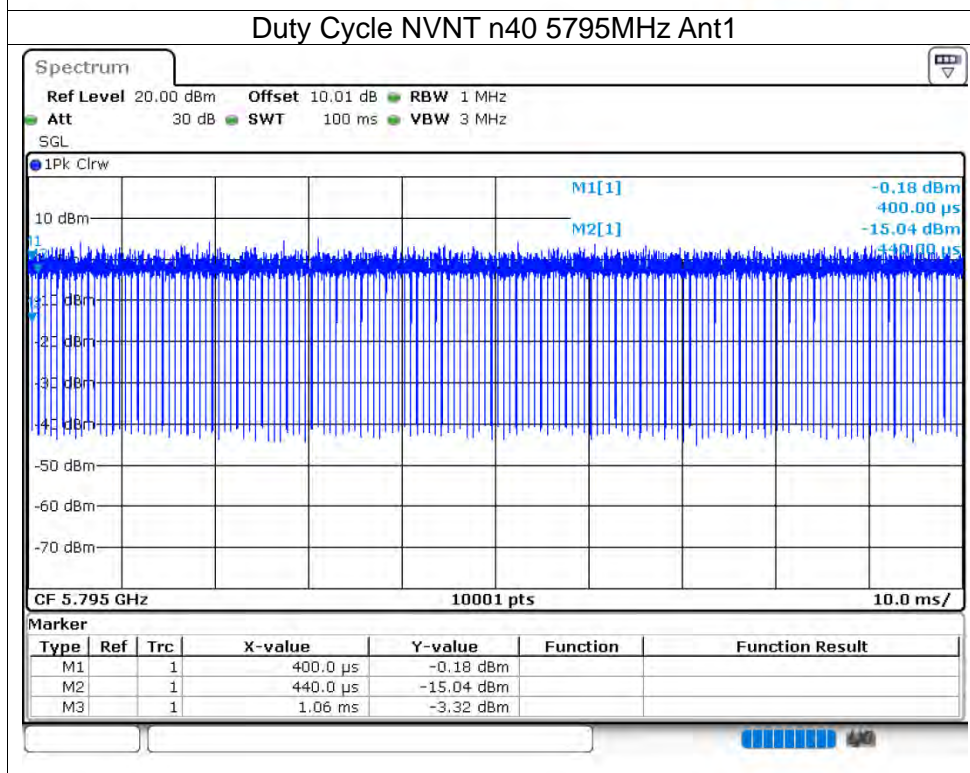
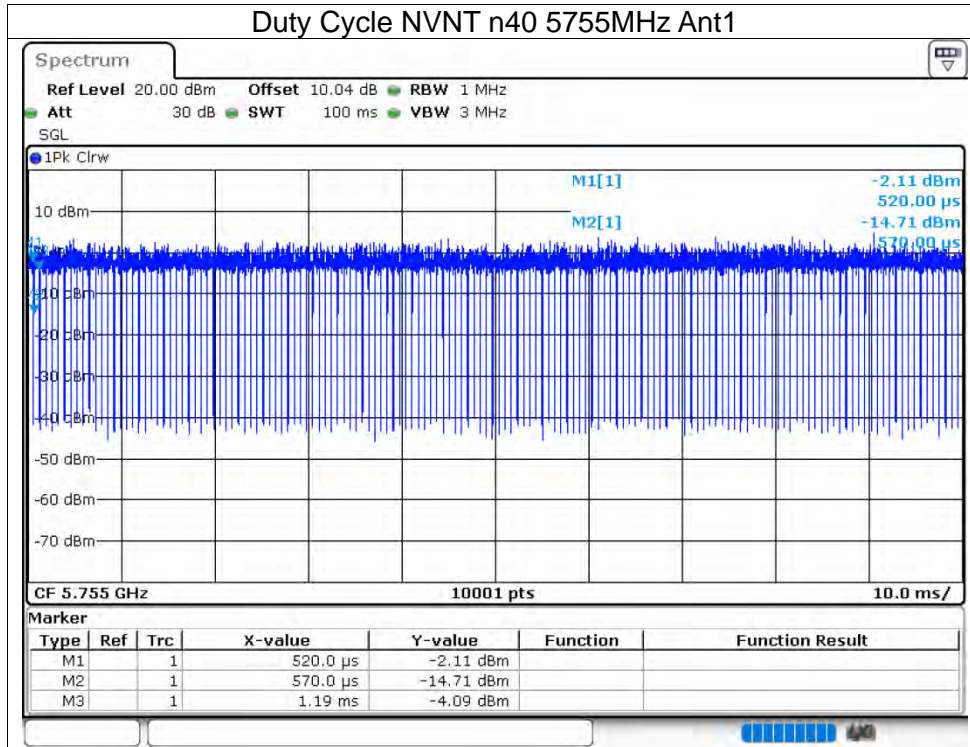


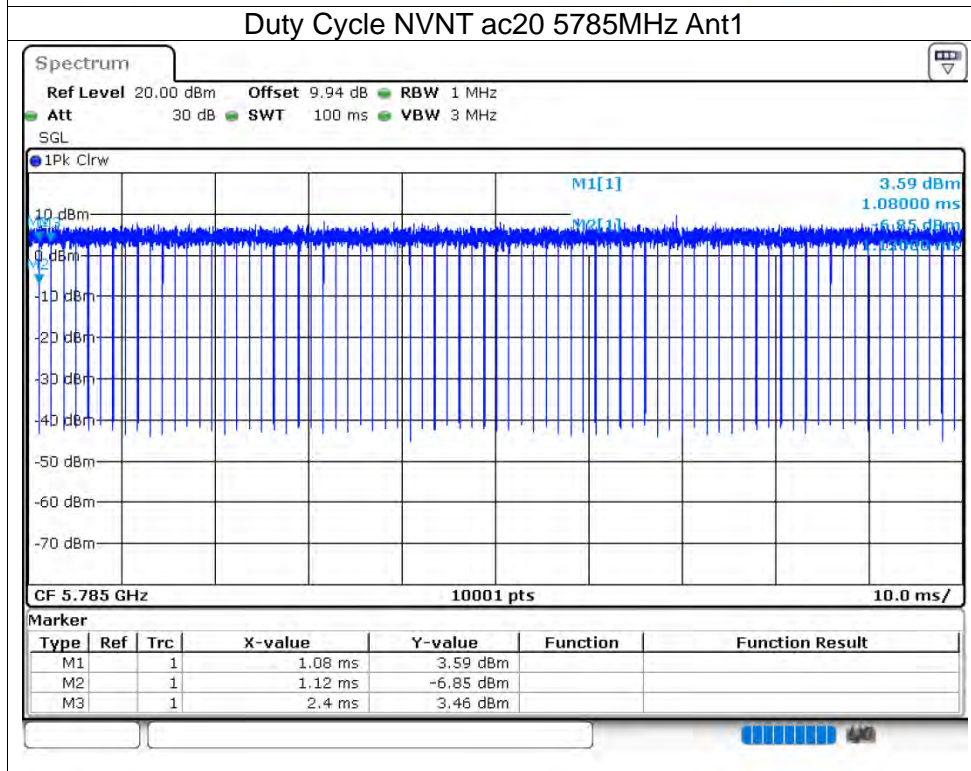
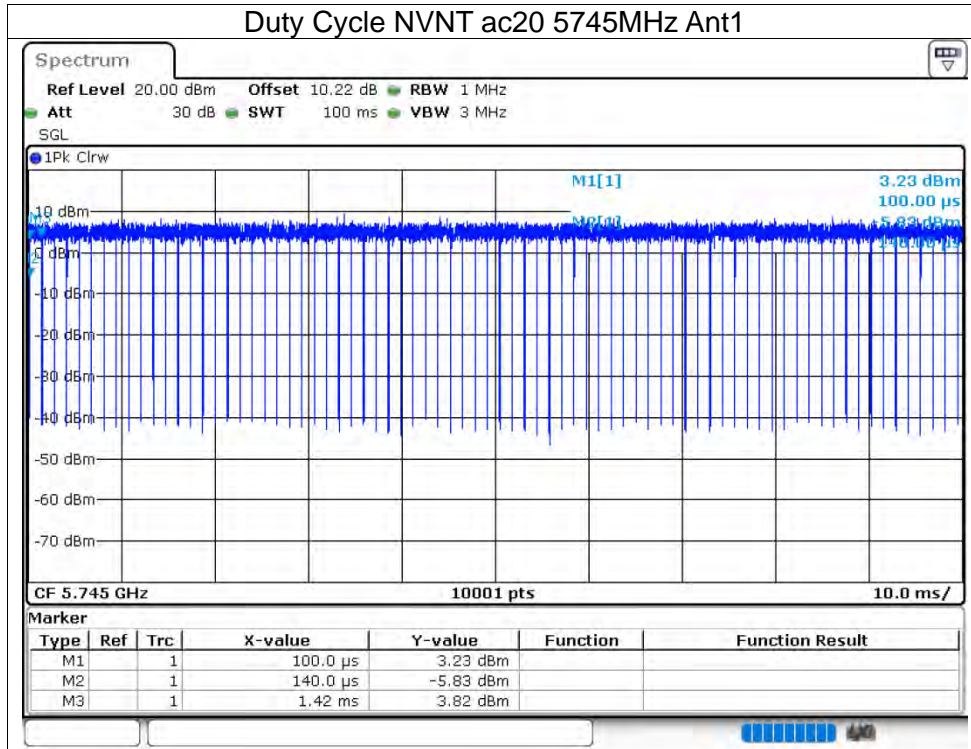
Duty Cycle NVNT n20 5785MHz Ant1



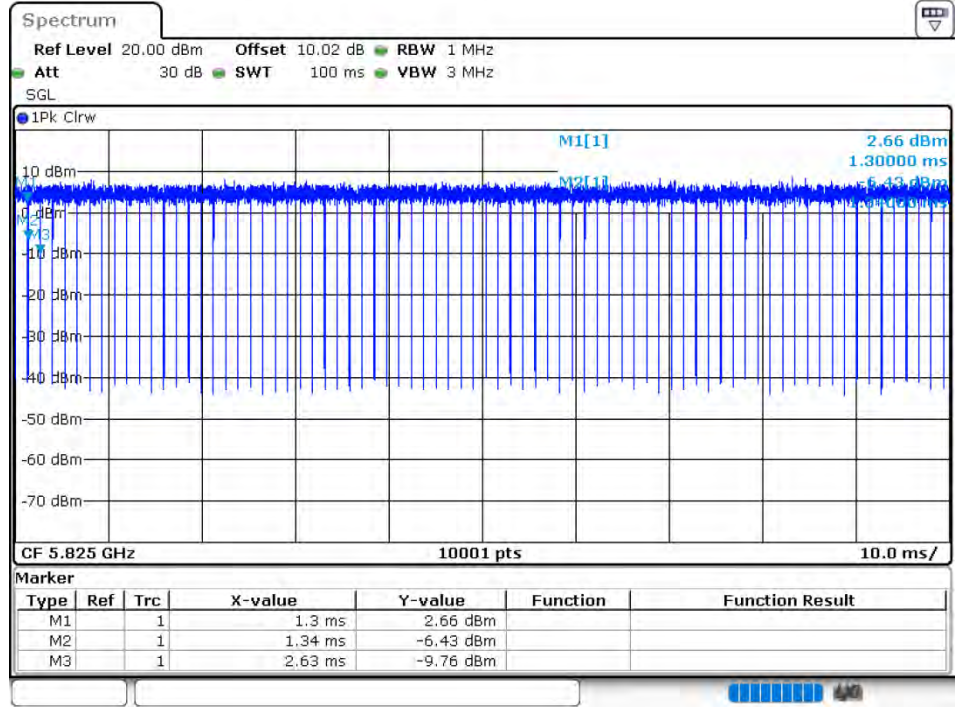
Duty Cycle NVNT n20 5825MHz Ant1



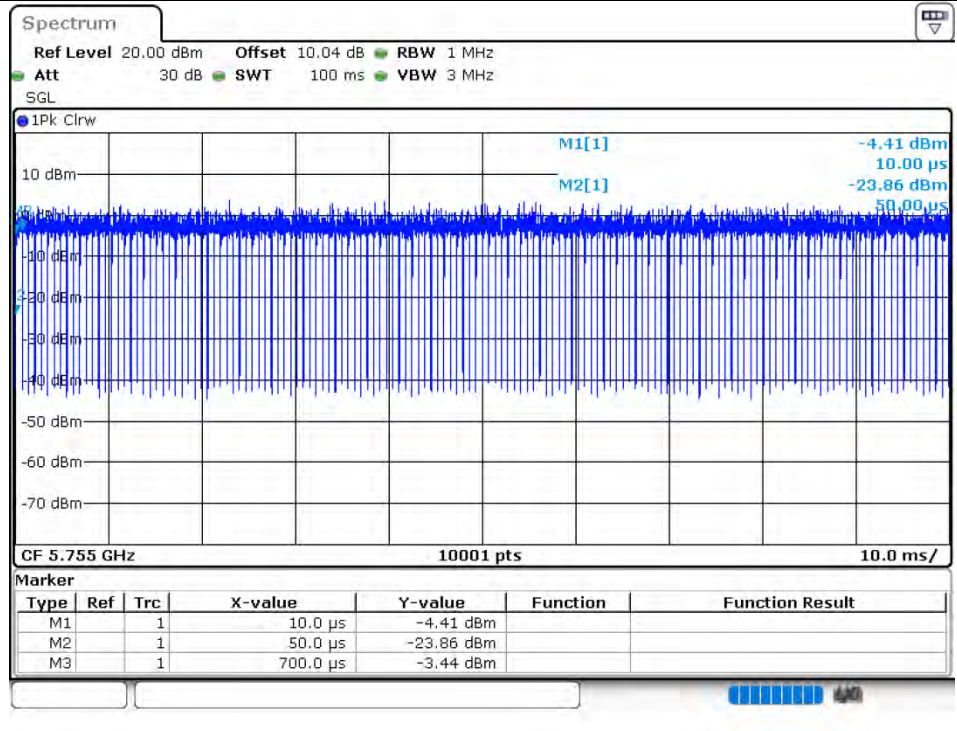


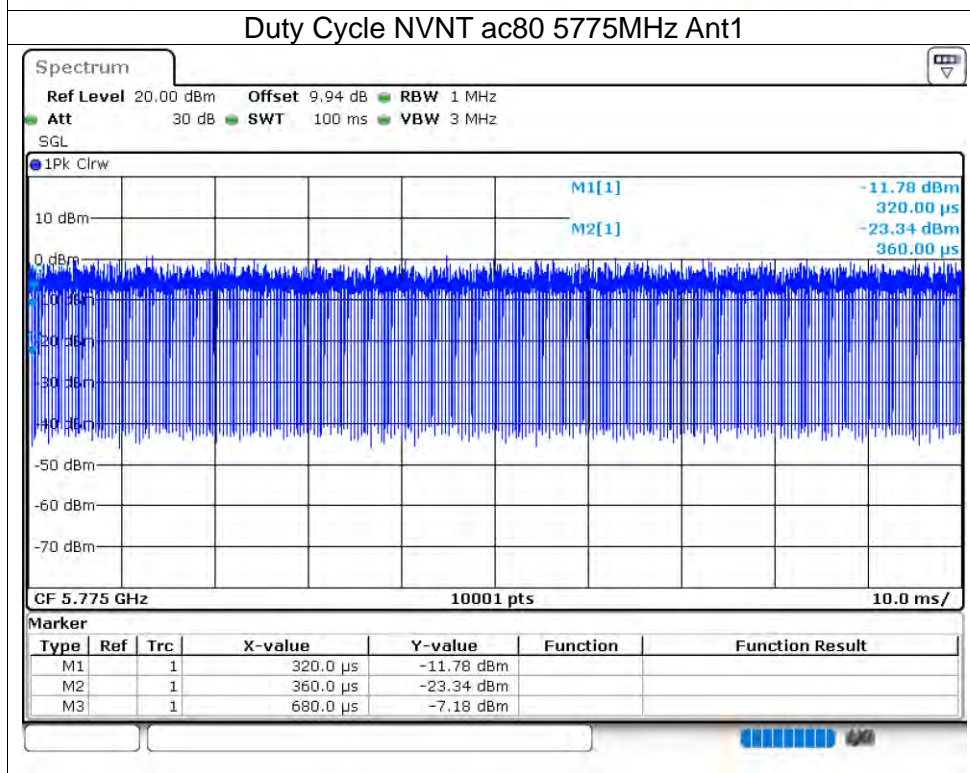
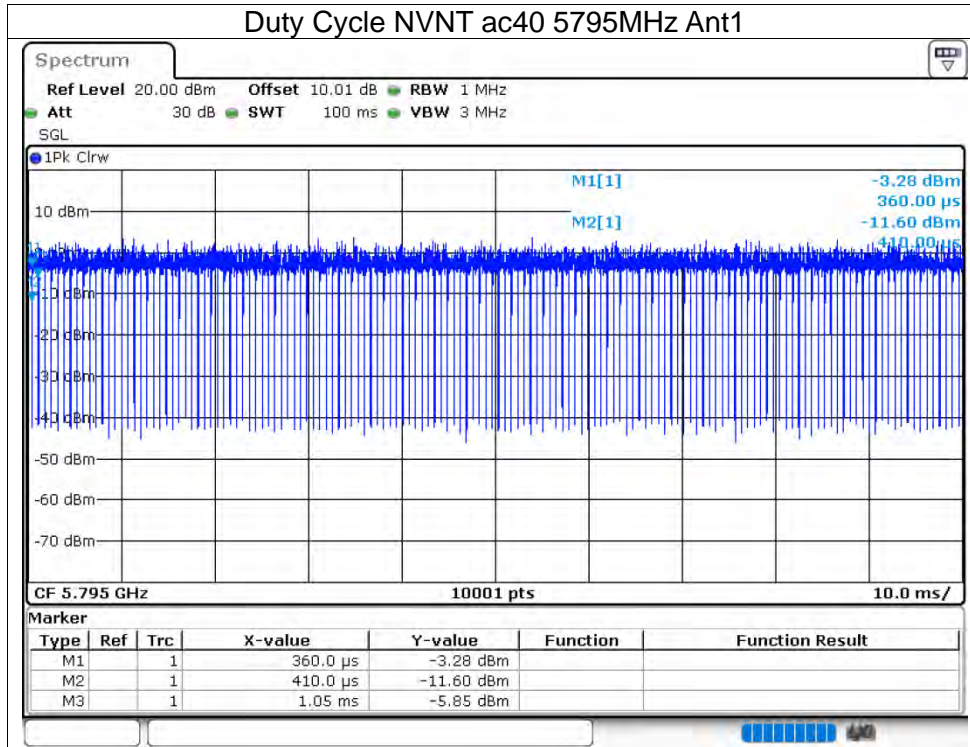


Duty Cycle NVNT ac20 5825MHz Ant1



Duty Cycle NVNT ac40 5755MHz Ant1





5.2 MAXIMUM CONDUCTED OUTPUT POWER

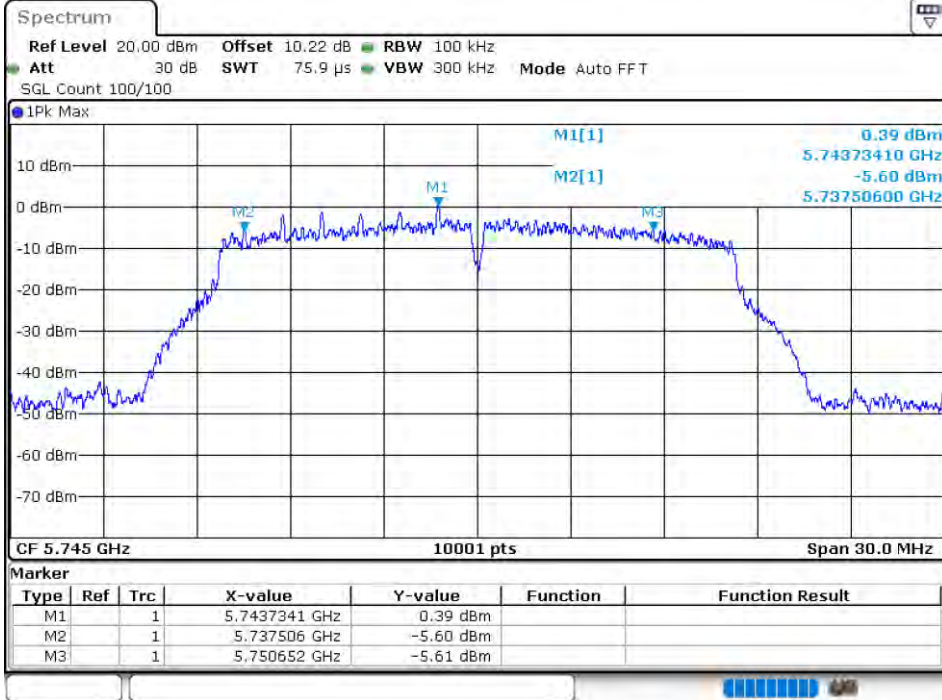
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	9.23	0	9.23	30	Pass
NVNT	a	5785	Ant1	9.75	0	9.75	30	Pass
NVNT	a	5825	Ant1	9.88	0	9.88	30	Pass
NVNT	n20	5745	Ant1	9.42	0	9.42	30	Pass
NVNT	n20	5785	Ant1	9.82	0	9.82	30	Pass
NVNT	n20	5825	Ant1	9.92	0	9.92	30	Pass
NVNT	n40	5755	Ant1	9.77	0	9.77	30	Pass
NVNT	n40	5795	Ant1	9.7	0	9.7	30	Pass
NVNT	ac20	5745	Ant1	9.6	0	9.6	30	Pass
NVNT	ac20	5785	Ant1	9.82	0	9.82	30	Pass
NVNT	ac20	5825	Ant1	9.72	0	9.72	30	Pass
NVNT	ac40	5755	Ant1	9.36	0	9.36	30	Pass
NVNT	ac40	5795	Ant1	9.14	0	9.14	30	Pass
NVNT	ac80	5775	Ant1	9.84	0	9.84	30	Pass

5.3 -6DB BANDWIDTH

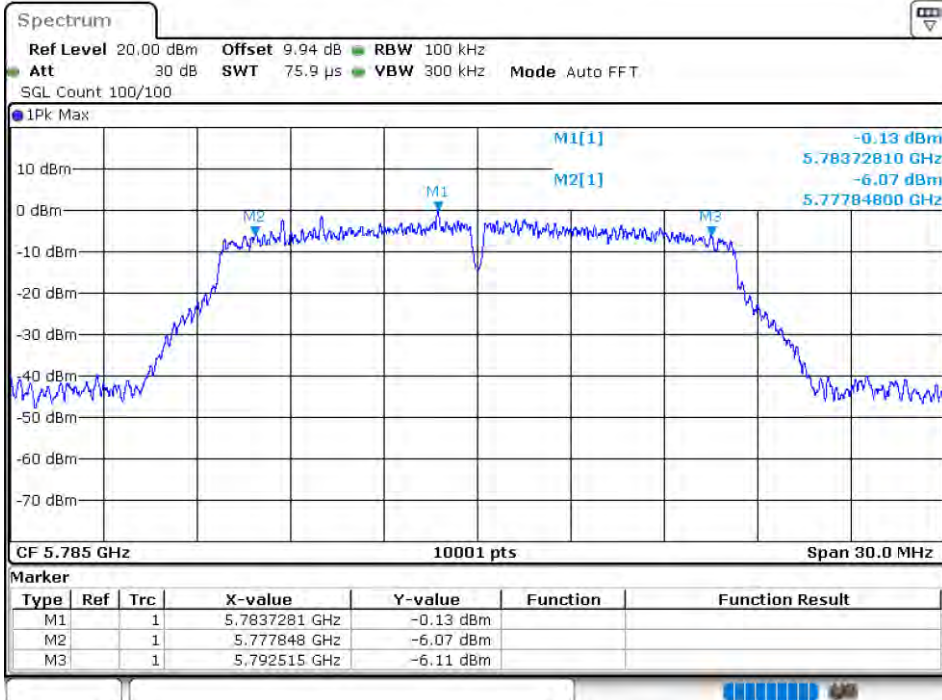
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	13.146	0.5	Pass
NVNT	a	5785	Ant1	14.667	0.5	Pass
NVNT	a	5825	Ant1	16.278	0.5	Pass
NVNT	n20	5745	Ant1	11.715	0.5	Pass
NVNT	n20	5785	Ant1	17.574	0.5	Pass
NVNT	n20	5825	Ant1	17.547	0.5	Pass
NVNT	n40	5755	Ant1	30.09	0.5	Pass
NVNT	n40	5795	Ant1	28.404	0.5	Pass
NVNT	ac20	5745	Ant1	15.303	0.5	Pass
NVNT	ac20	5785	Ant1	13.185	0.5	Pass
NVNT	ac20	5825	Ant1	15.159	0.5	Pass
NVNT	ac40	5755	Ant1	35.082	0.5	Pass
NVNT	ac40	5795	Ant1	35.082	0.5	Pass
NVNT	ac80	5775	Ant1	75.072	0.5	Pass

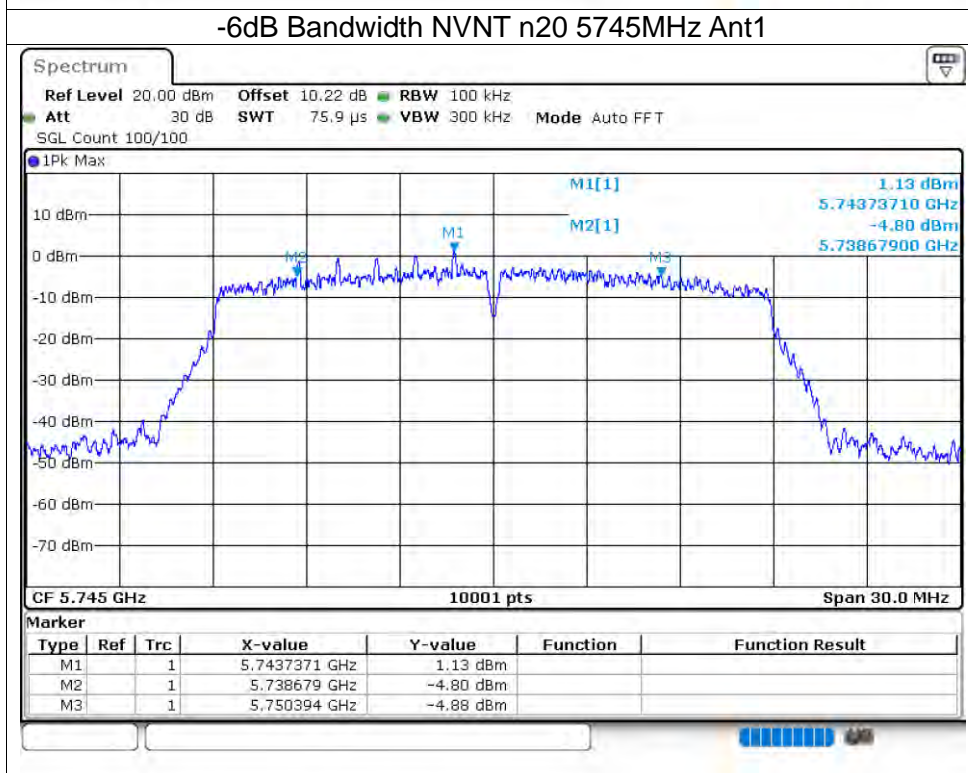
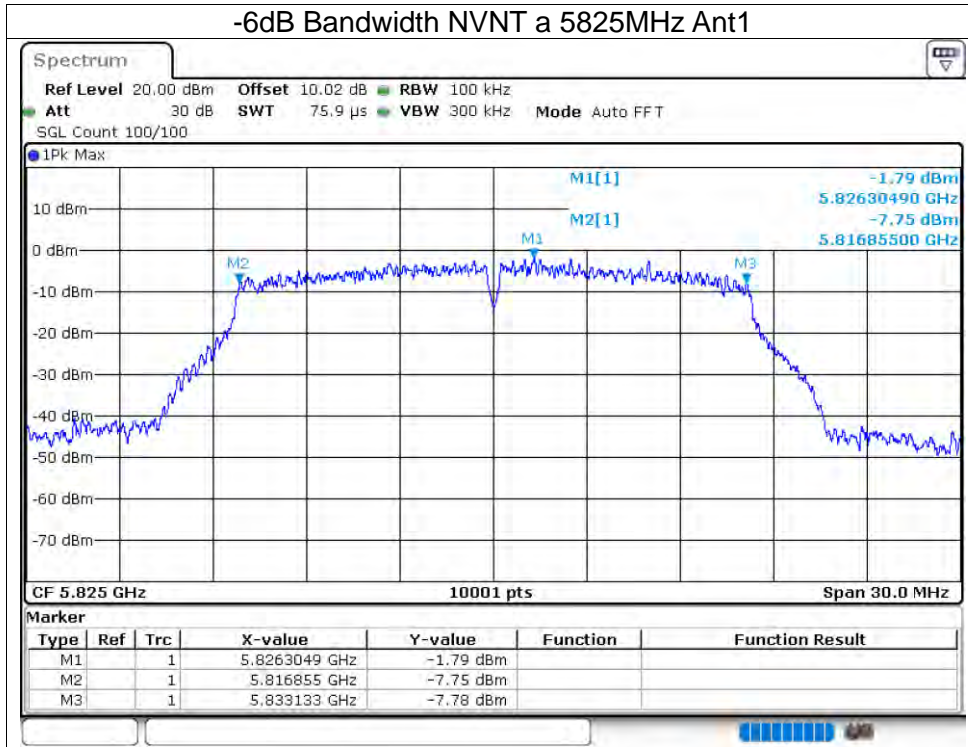
Test Graphs

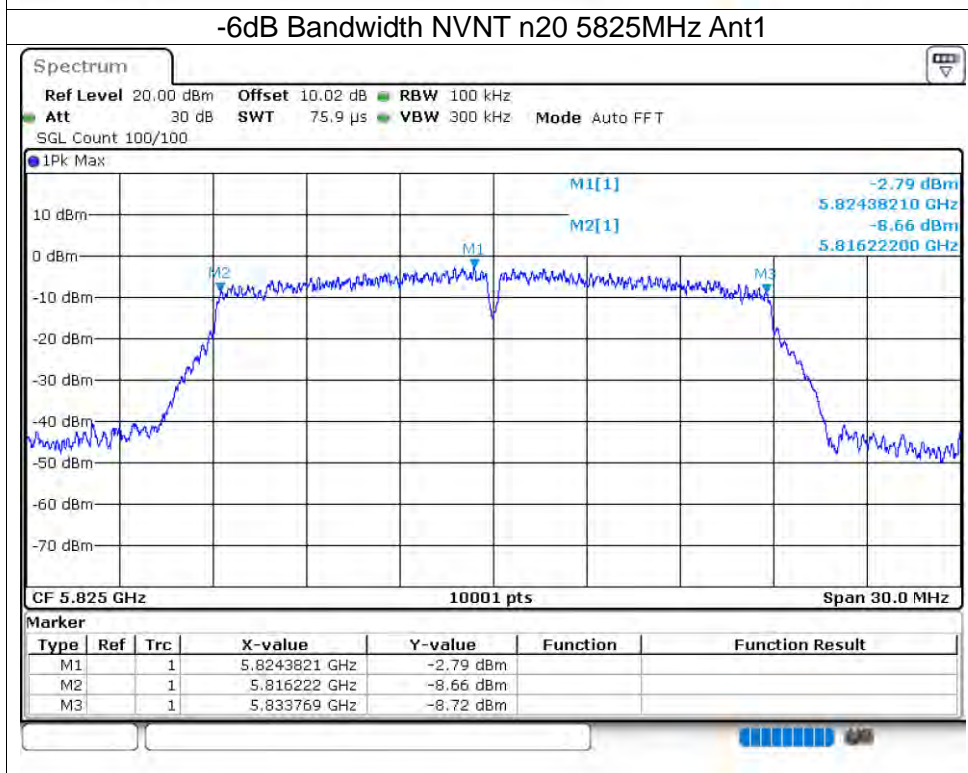
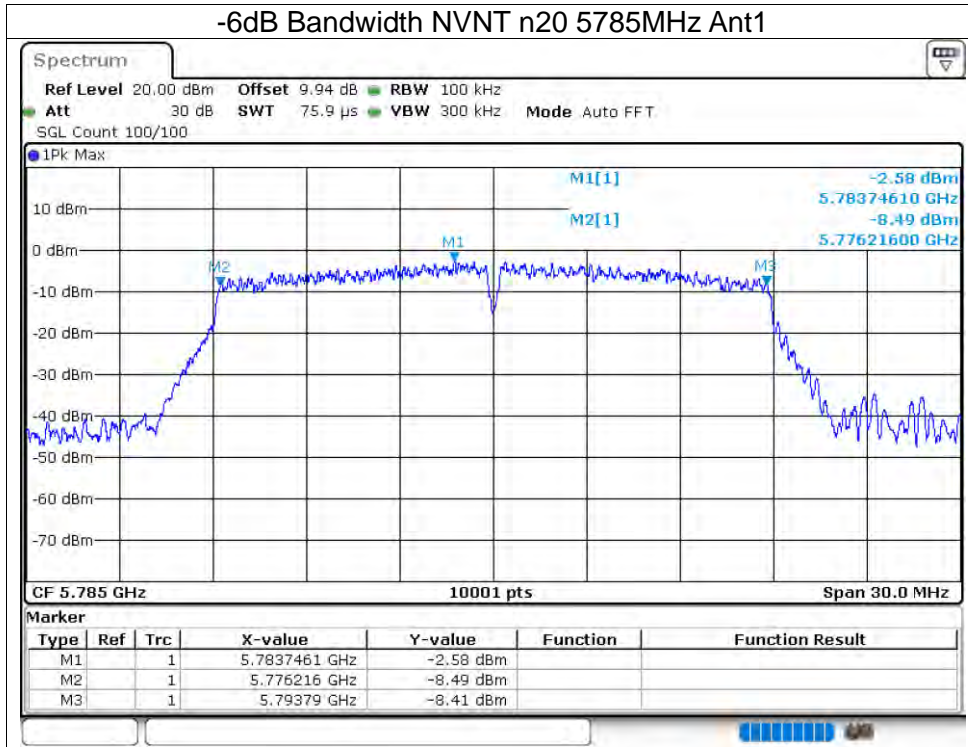
-6dB Bandwidth NVNT a 5745MHz Ant1

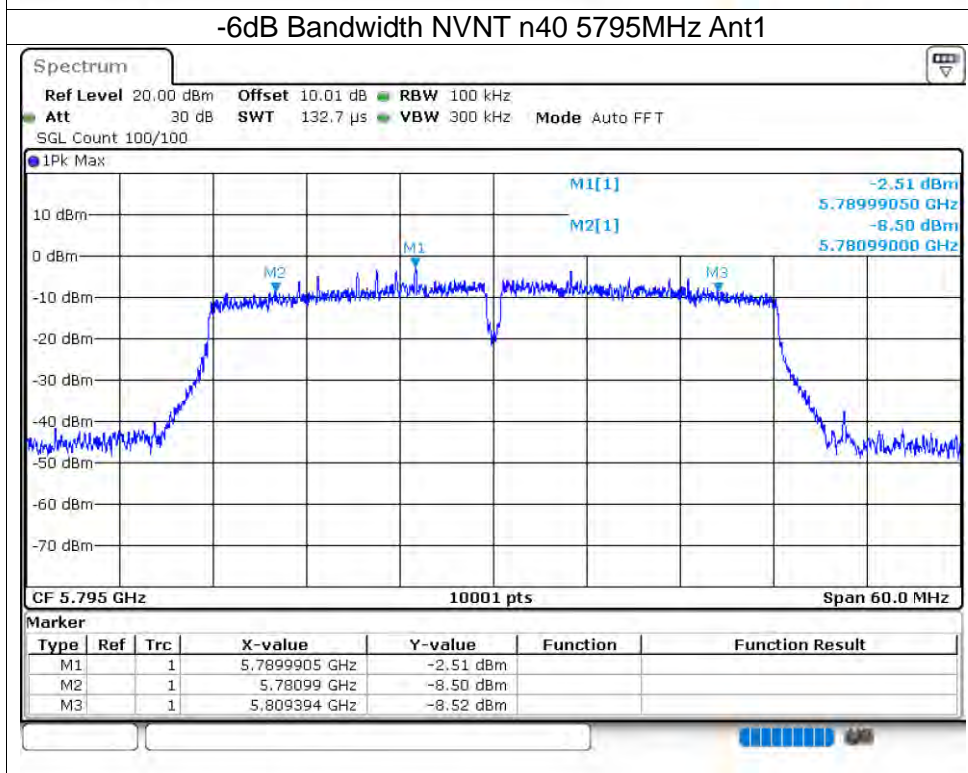
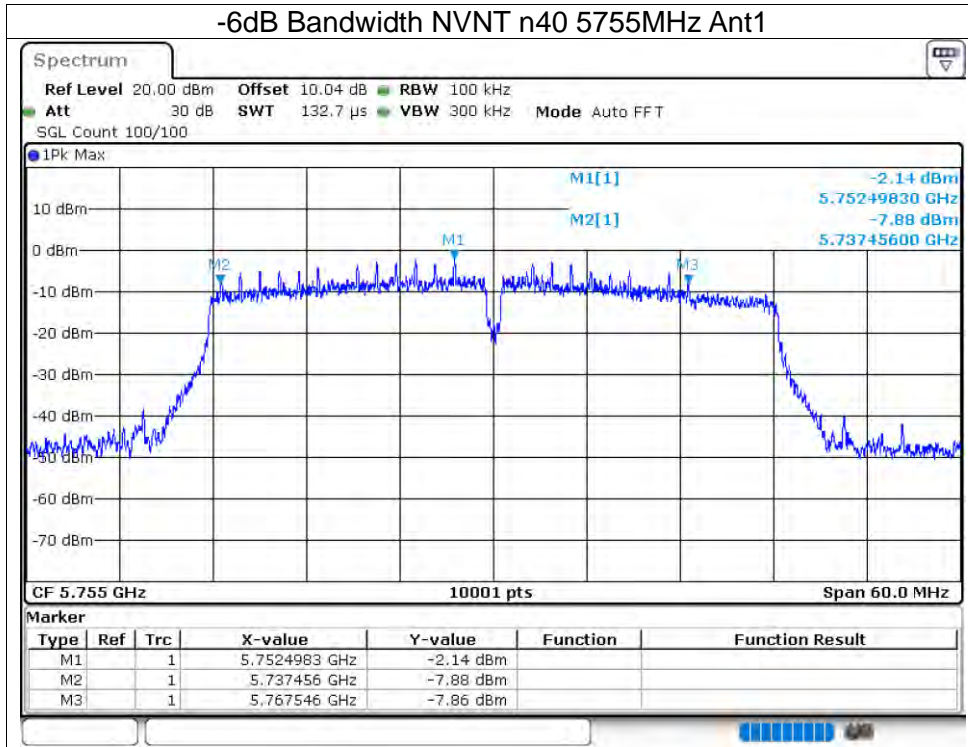


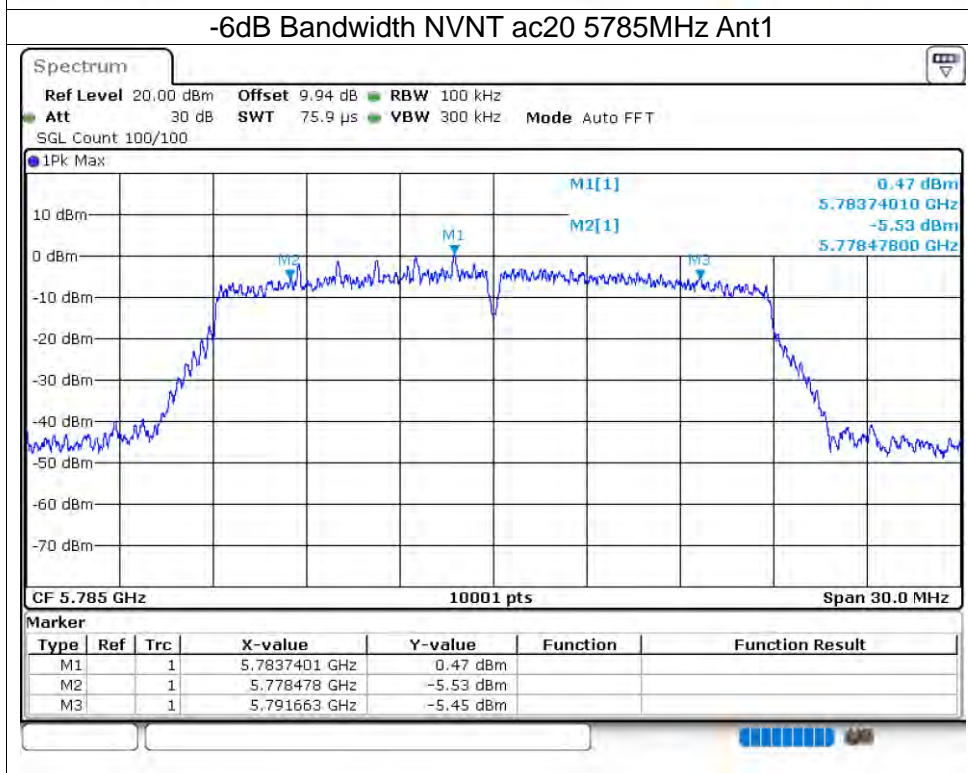
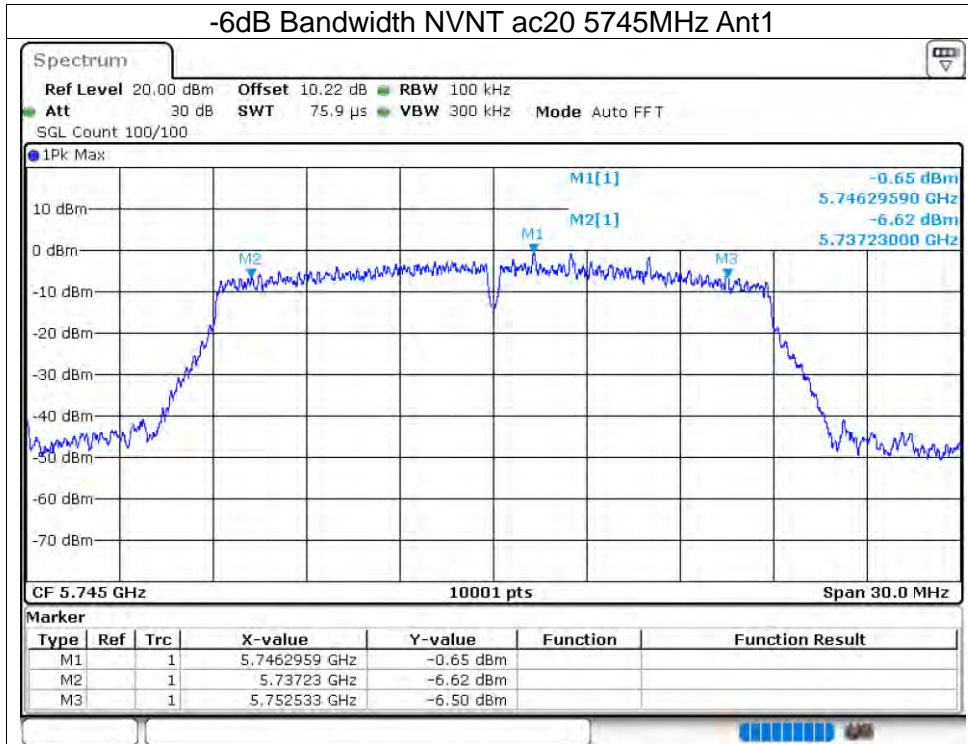
-6dB Bandwidth NVNT a 5785MHz Ant1

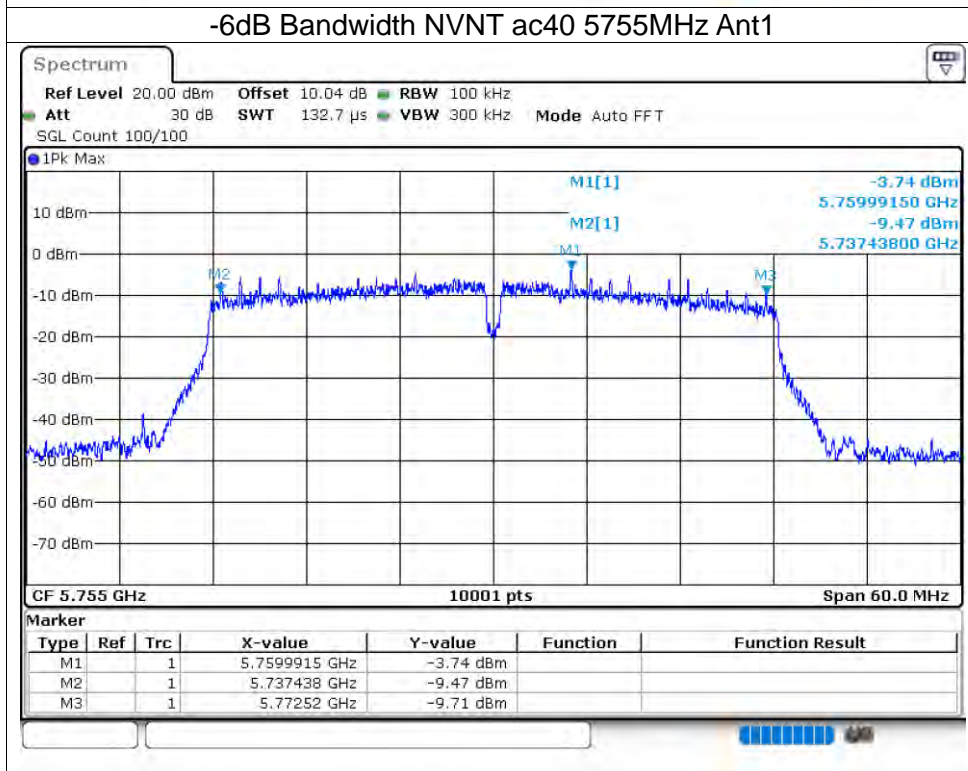
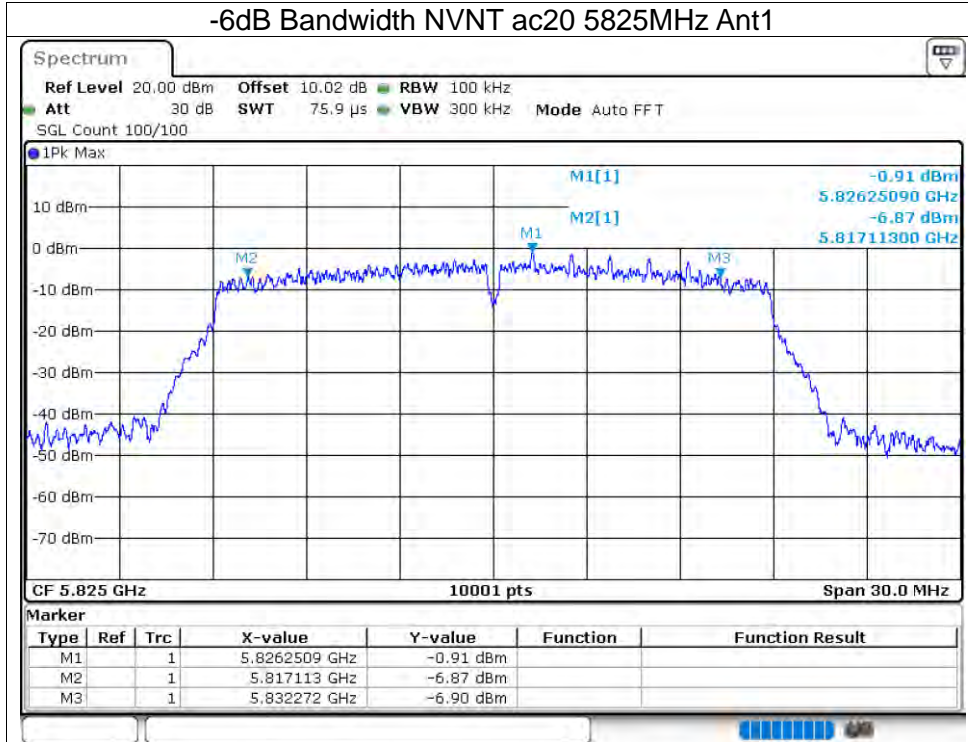


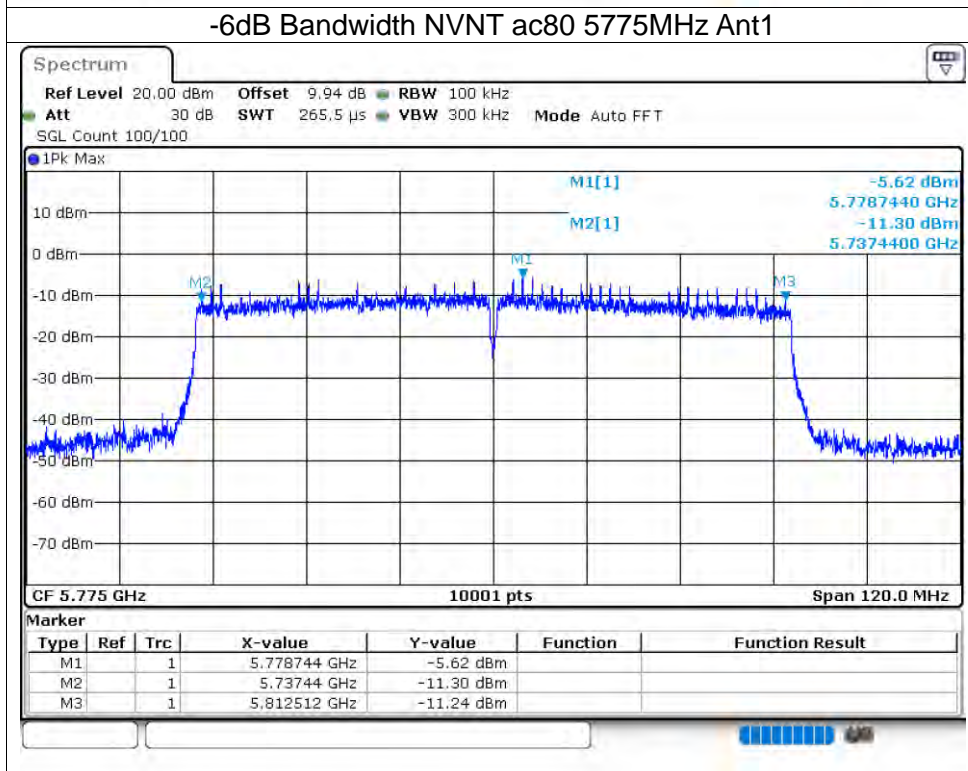
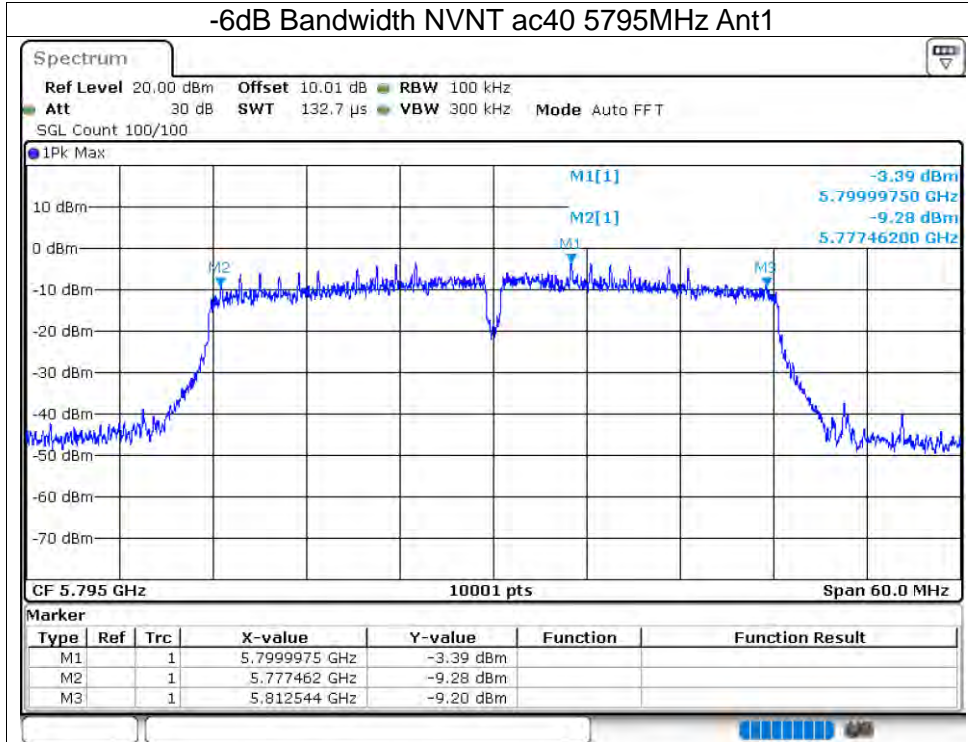










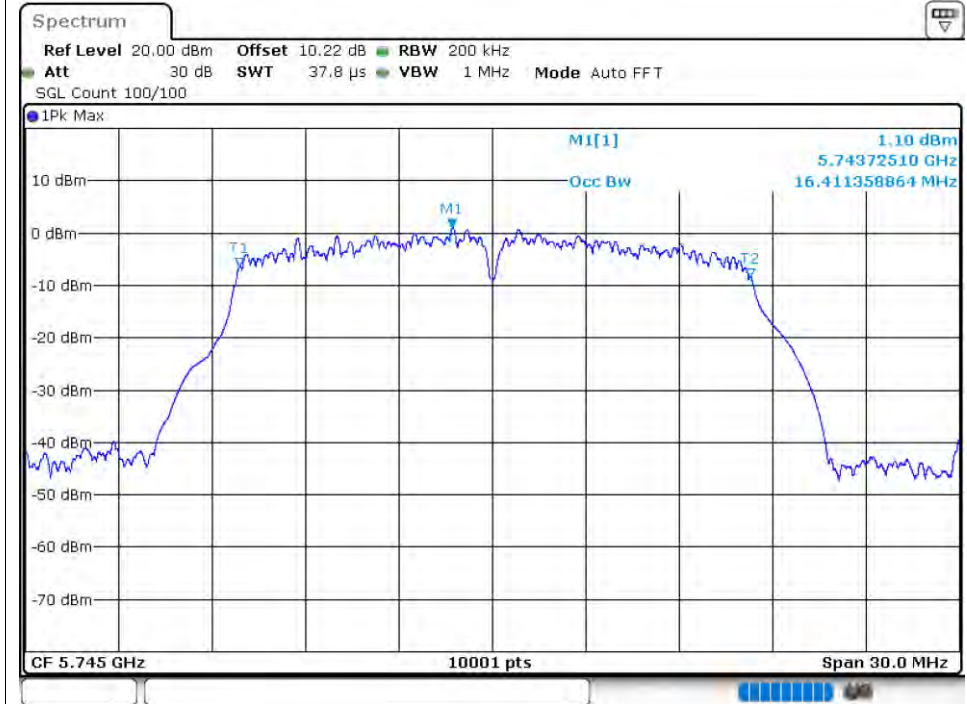


5.4 OCCUPIED CHANNEL BANDWIDTH

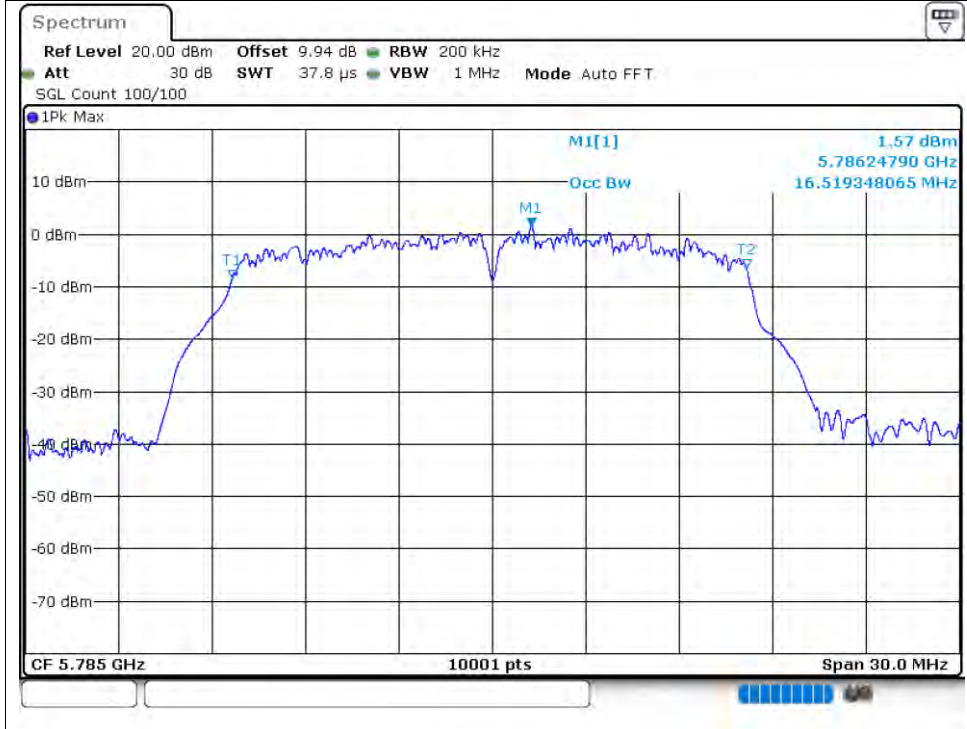
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.411
NVNT	a	5785	Ant1	16.519
NVNT	a	5825	Ant1	16.378
NVNT	n20	5745	Ant1	17.509
NVNT	n20	5785	Ant1	17.608
NVNT	n20	5825	Ant1	17.515
NVNT	n40	5755	Ant1	35.96
NVNT	n40	5795	Ant1	36.086
NVNT	ac20	5745	Ant1	17.488
NVNT	ac20	5785	Ant1	17.503
NVNT	ac20	5825	Ant1	17.524
NVNT	ac40	5755	Ant1	35.948
NVNT	ac40	5795	Ant1	36.068
NVNT	ac80	5775	Ant1	75.412

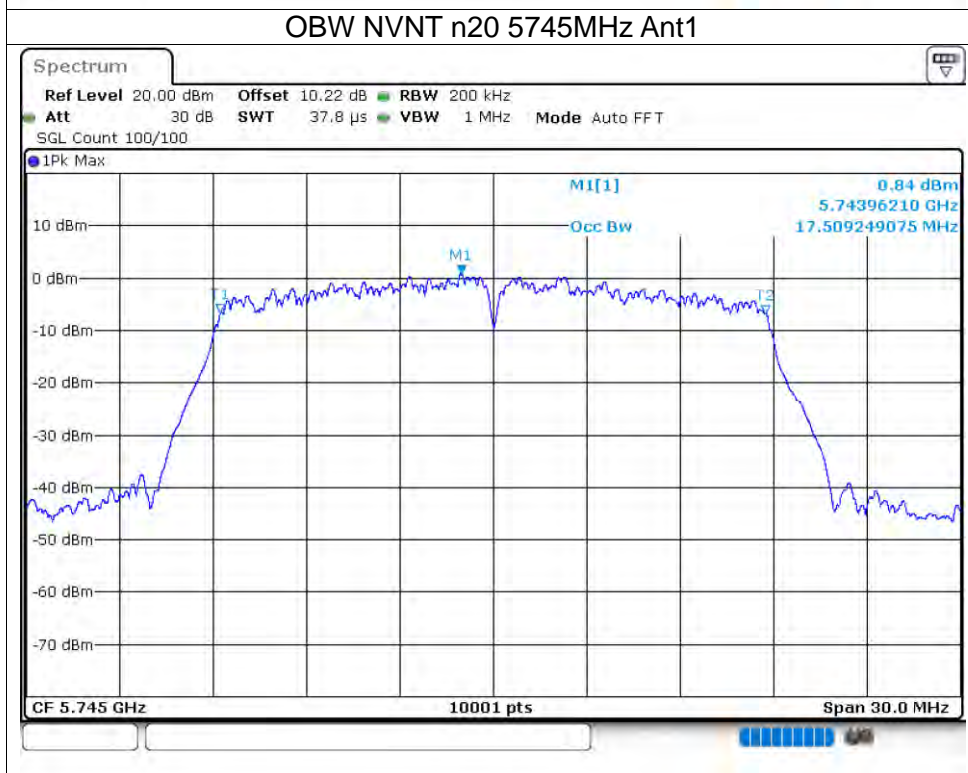
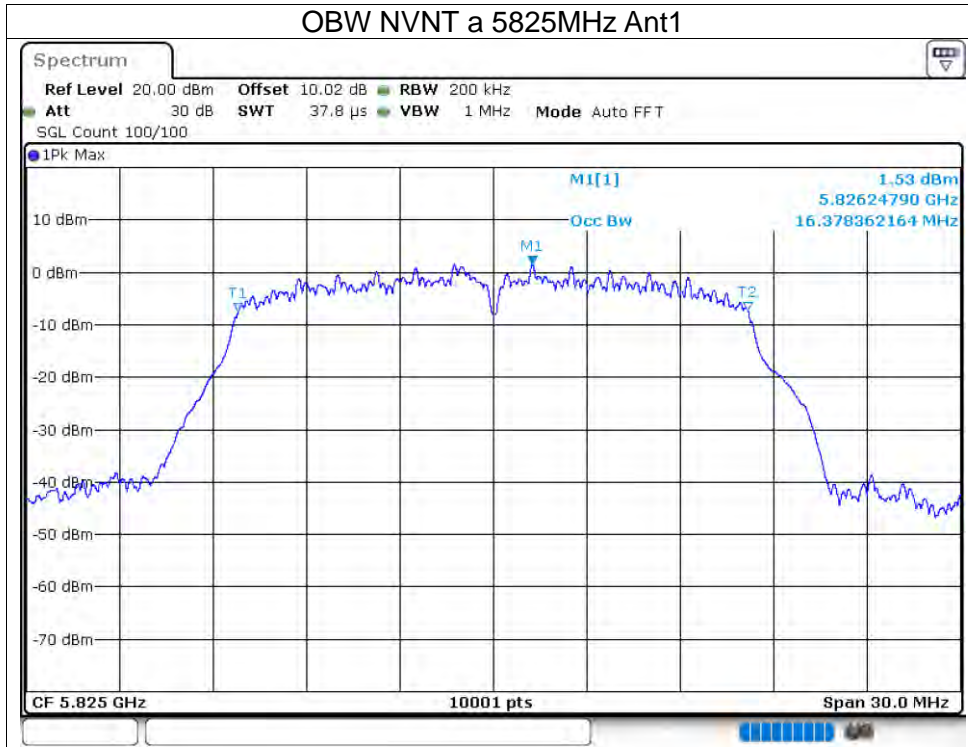
Test Graphs

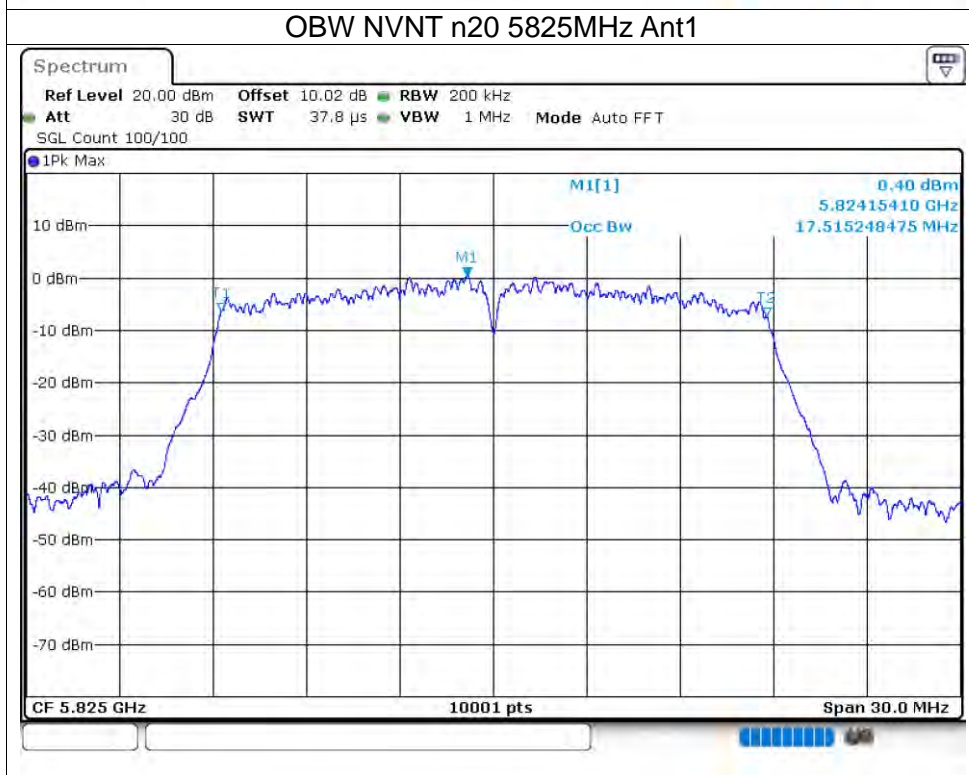
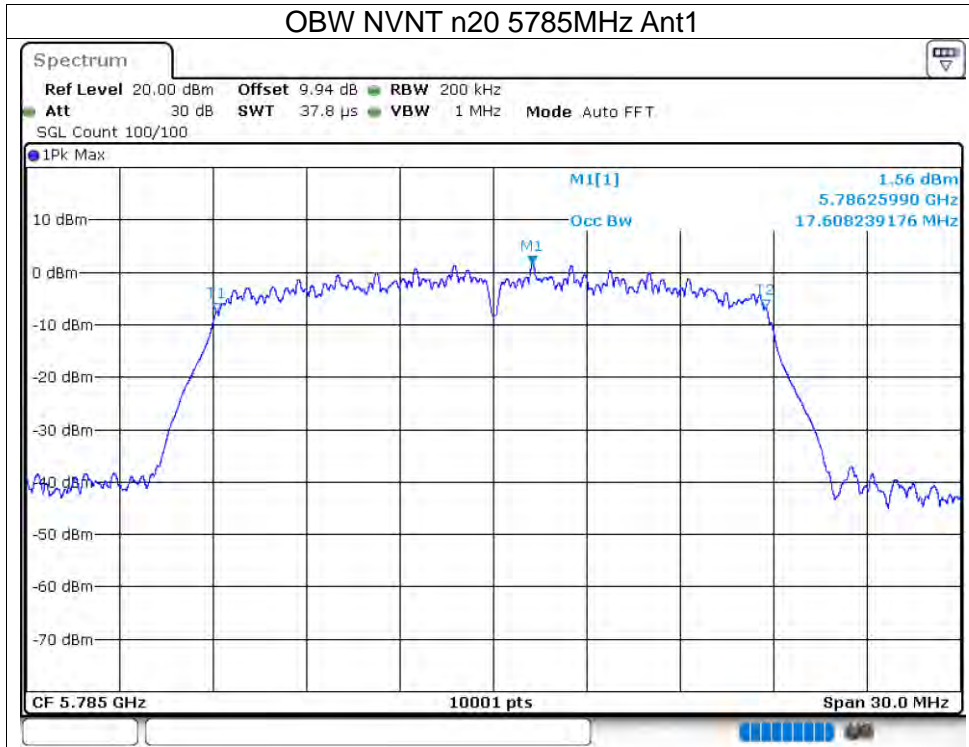
OBW NVNT a 5745MHz Ant1

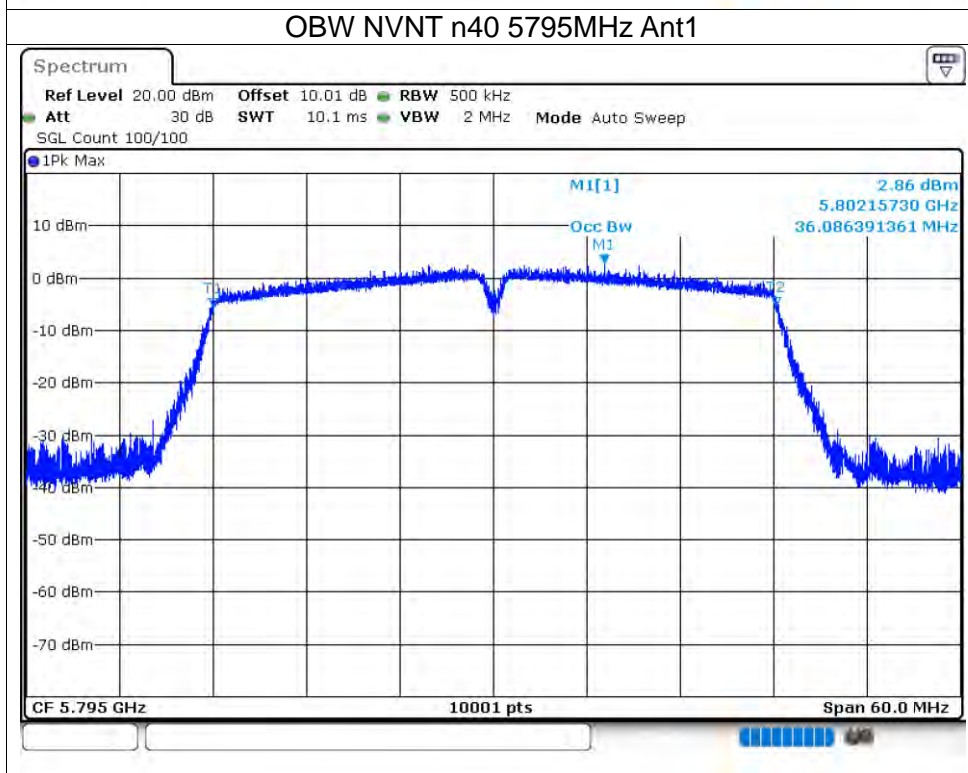
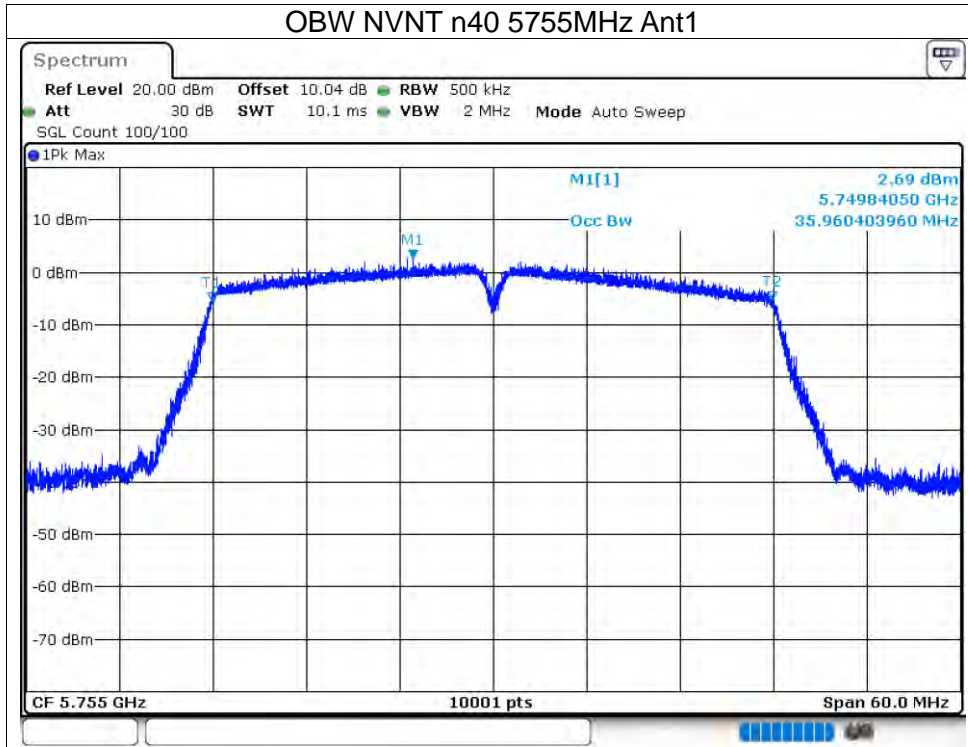


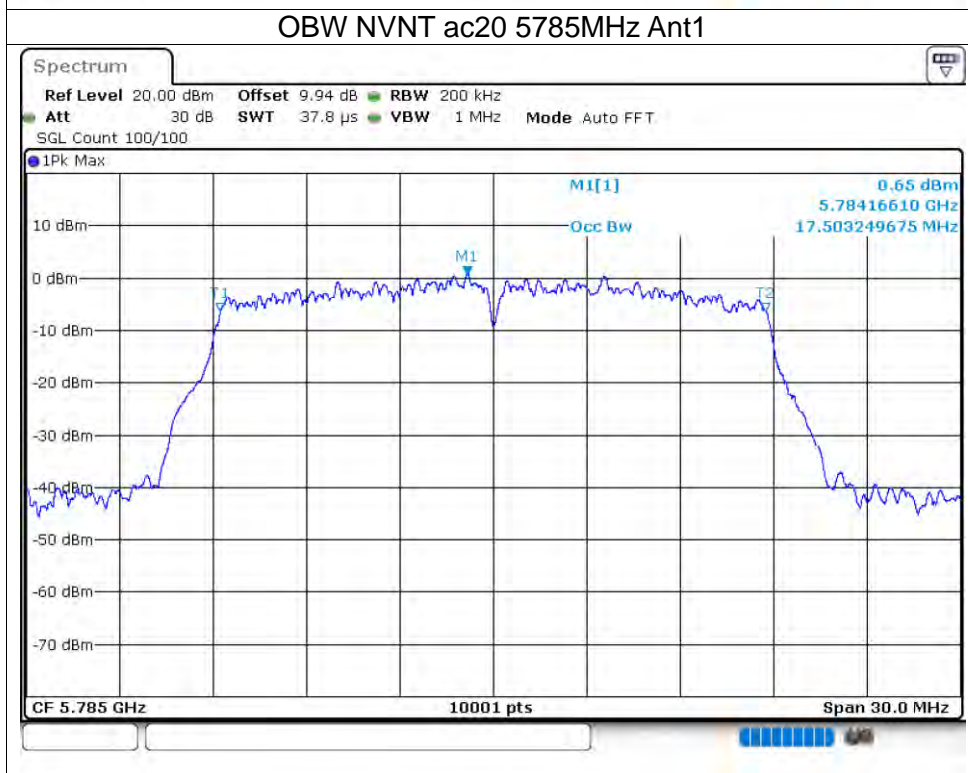
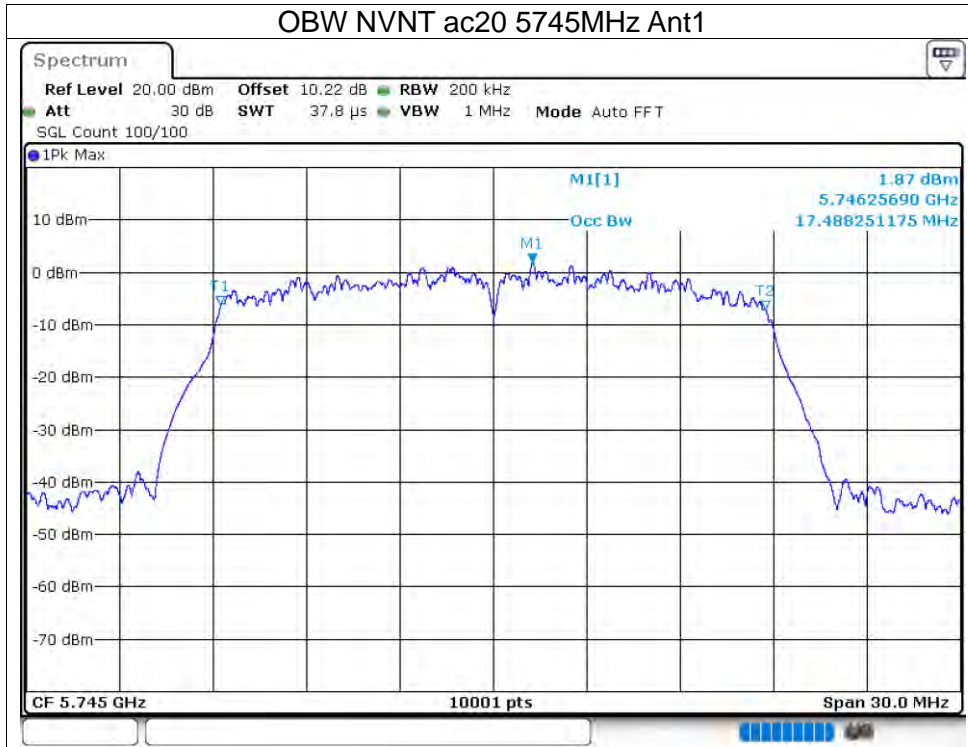
OBW NVNT a 5785MHz Ant1

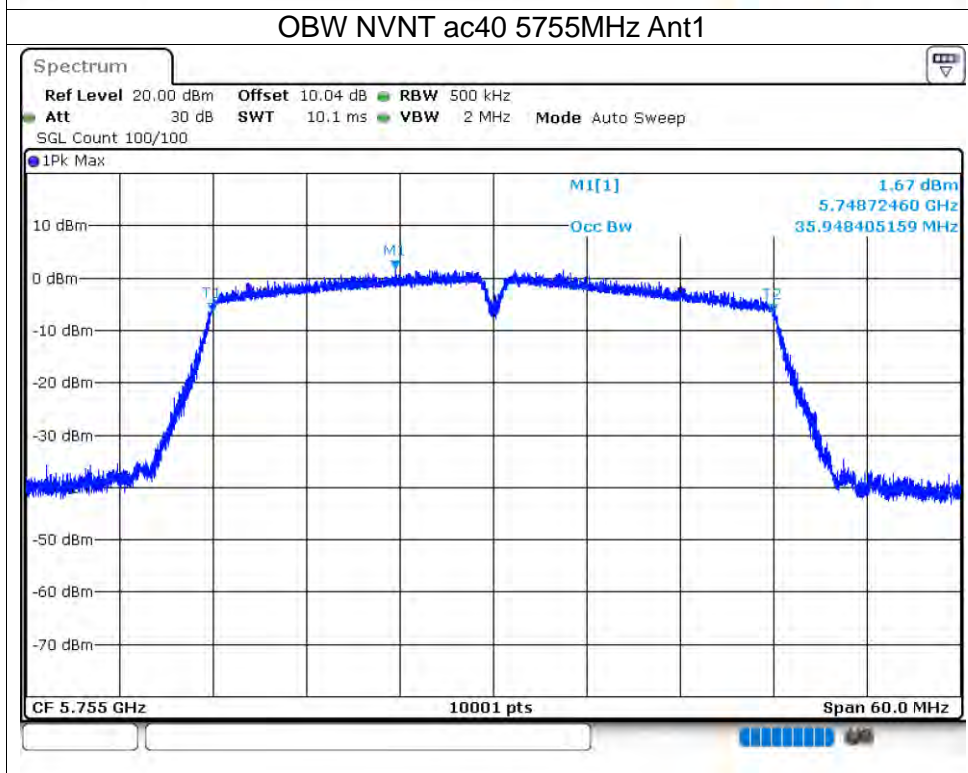
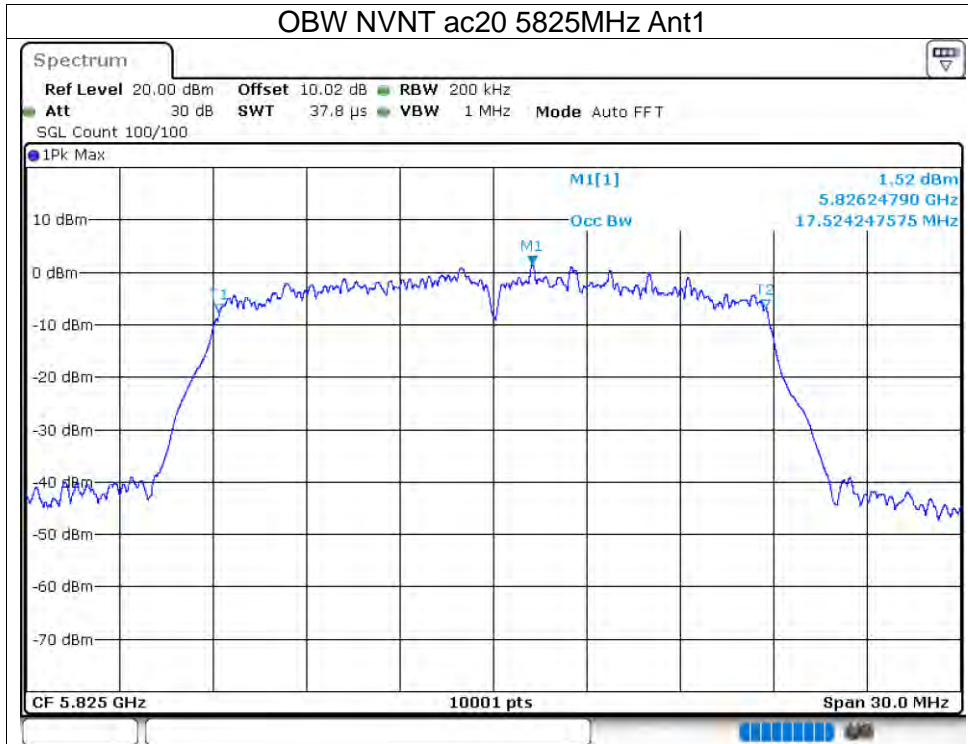


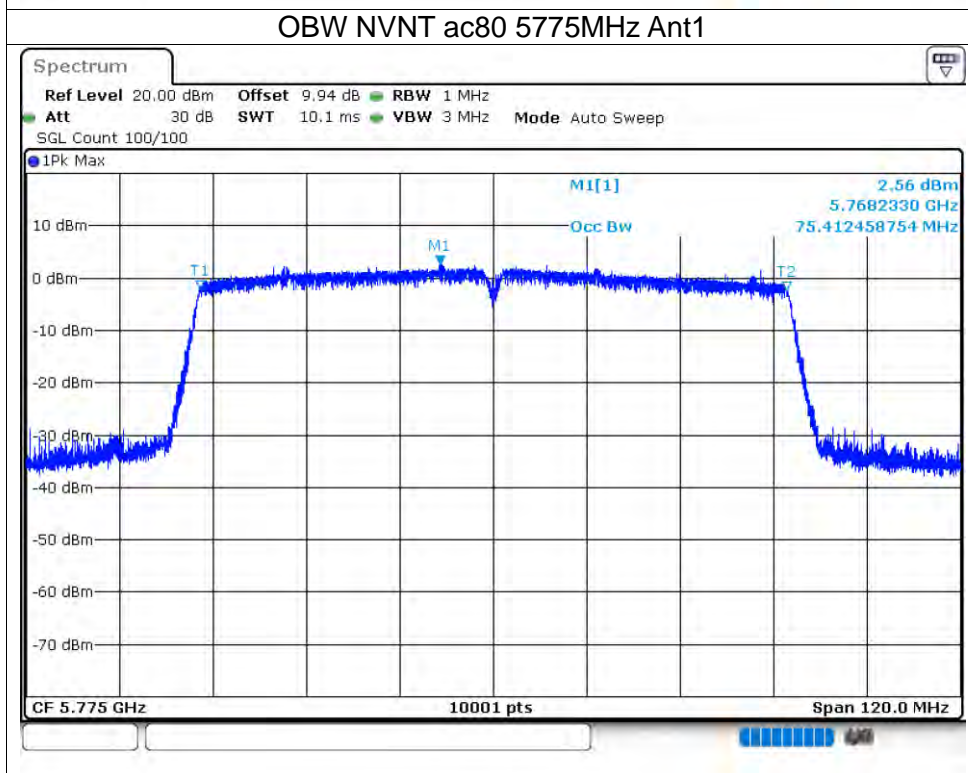
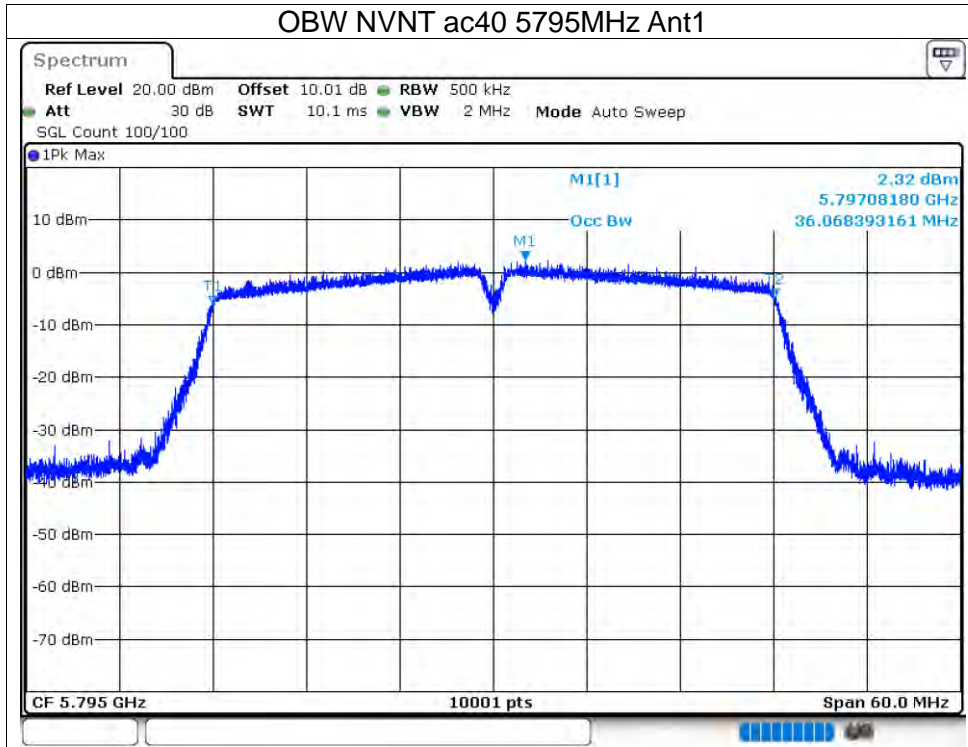










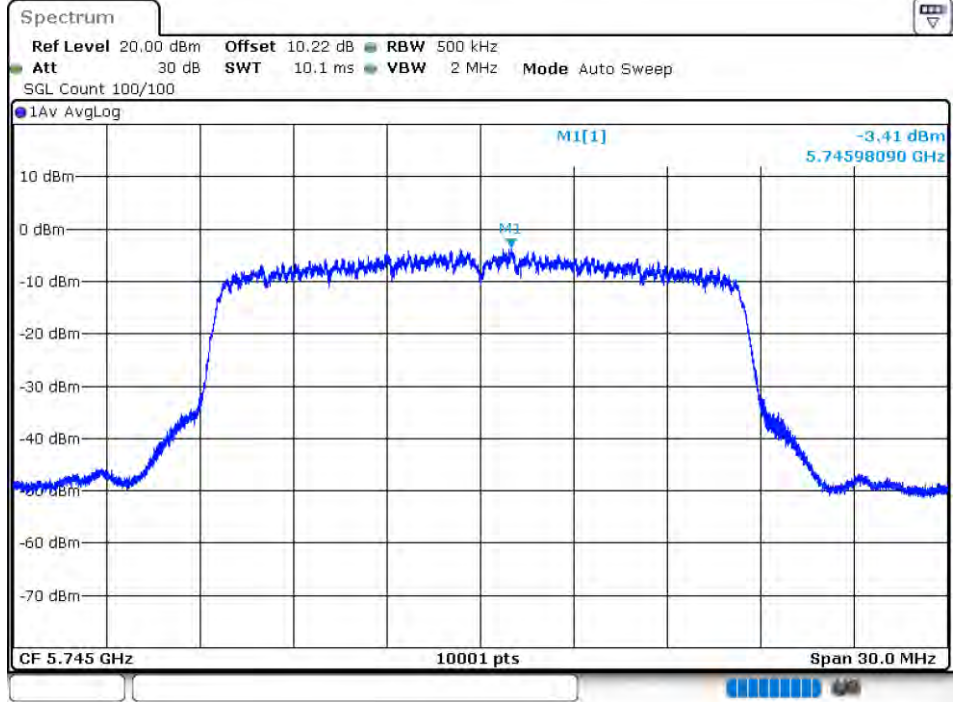


5.5 MAXIMUM POWER SPECTRAL DENSITY LEVEL

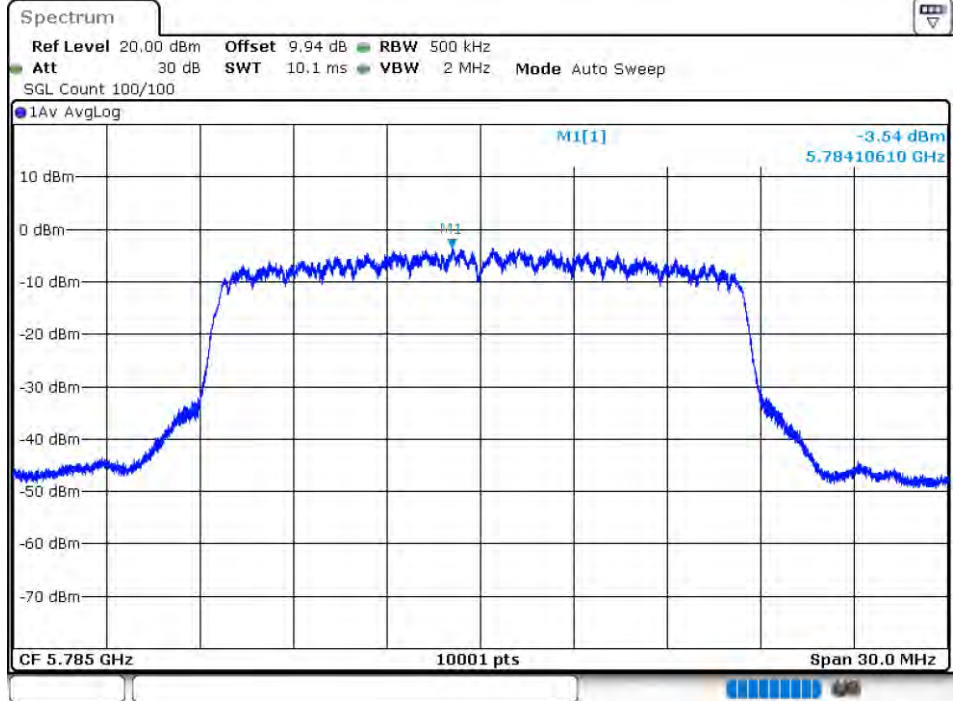
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-3.41	0.11	-3.3	30	Pass
NVNT	a	5785	Ant1	-3.54	0.11	-3.43	30	Pass
NVNT	a	5825	Ant1	-3.29	0.11	-3.18	30	Pass
NVNT	n20	5745	Ant1	-3.31	0.11	-3.2	30	Pass
NVNT	n20	5785	Ant1	-3.37	0.11	-3.26	30	Pass
NVNT	n20	5825	Ant1	-4.03	0.11	-3.92	30	Pass
NVNT	n40	5755	Ant1	-6.92	0.22	-6.7	30	Pass
NVNT	n40	5795	Ant1	-7.15	0.22	-6.93	30	Pass
NVNT	ac20	5745	Ant1	-3.26	0.11	-3.15	30	Pass
NVNT	ac20	5785	Ant1	-3.19	0.11	-3.08	30	Pass
NVNT	ac20	5825	Ant1	-3.31	0.11	-3.2	30	Pass
NVNT	ac40	5755	Ant1	-8.22	0.22	-8	30	Pass
NVNT	ac40	5795	Ant1	-7.5	0.22	-7.28	30	Pass
NVNT	ac80	5775	Ant1	-12.78	0.43	-12.35	30	Pass

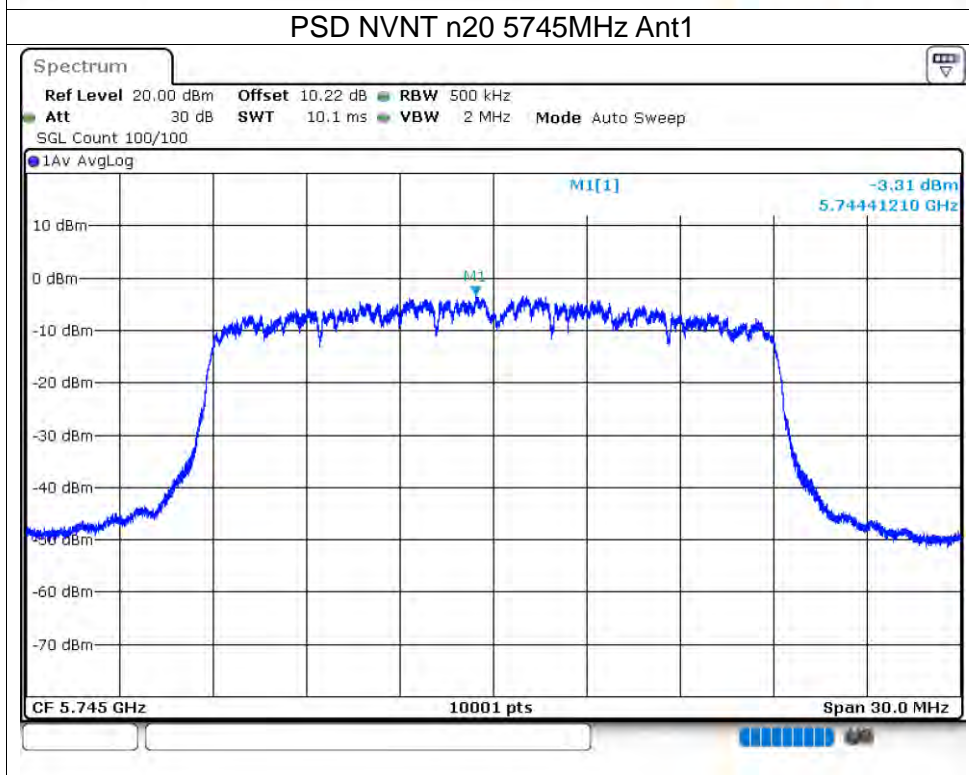
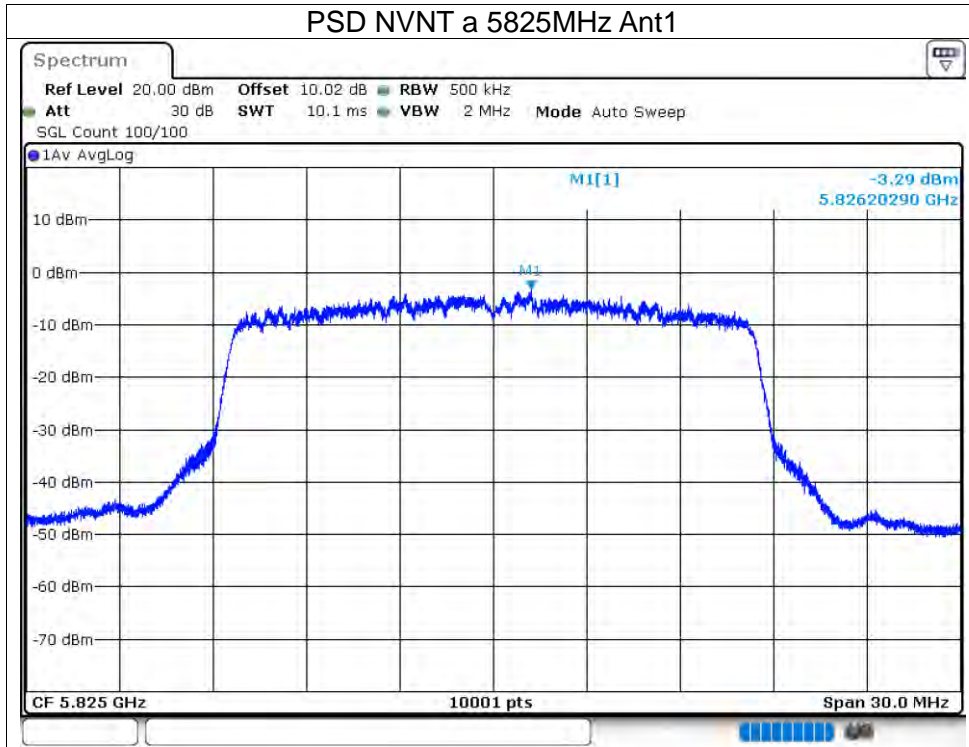
Test Graphs

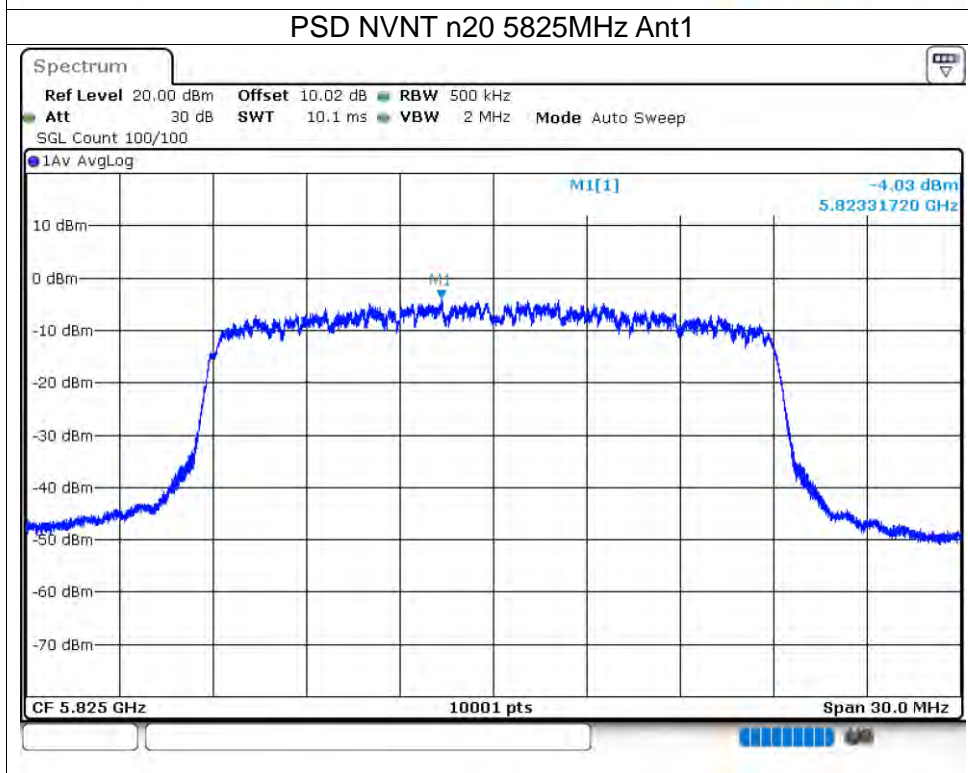
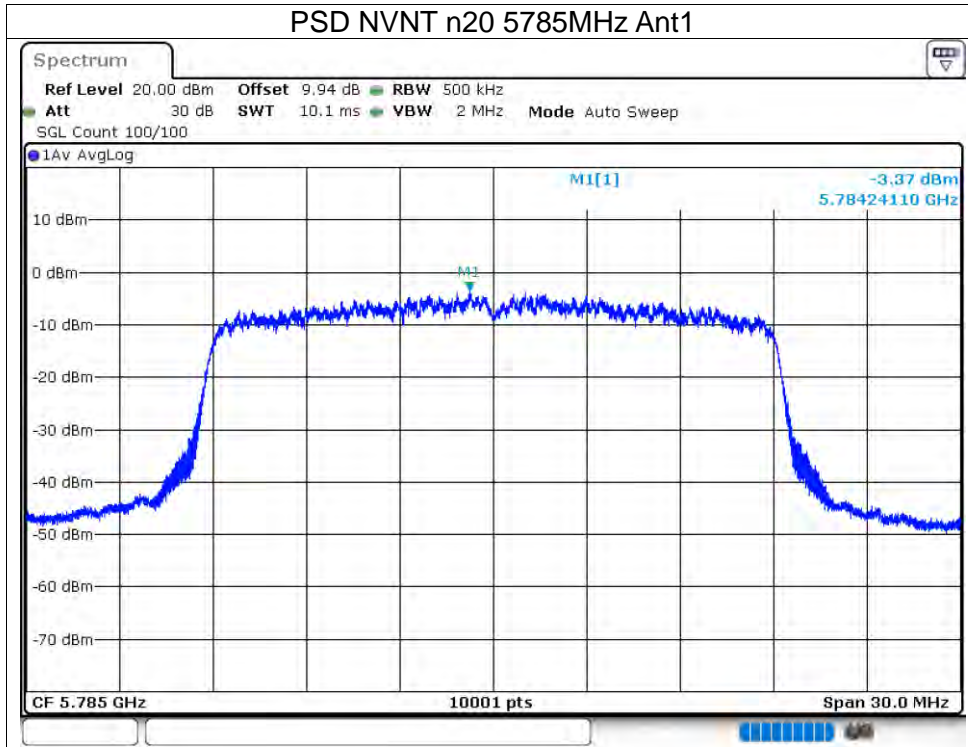
PSD NVNT a 5745MHz Ant1

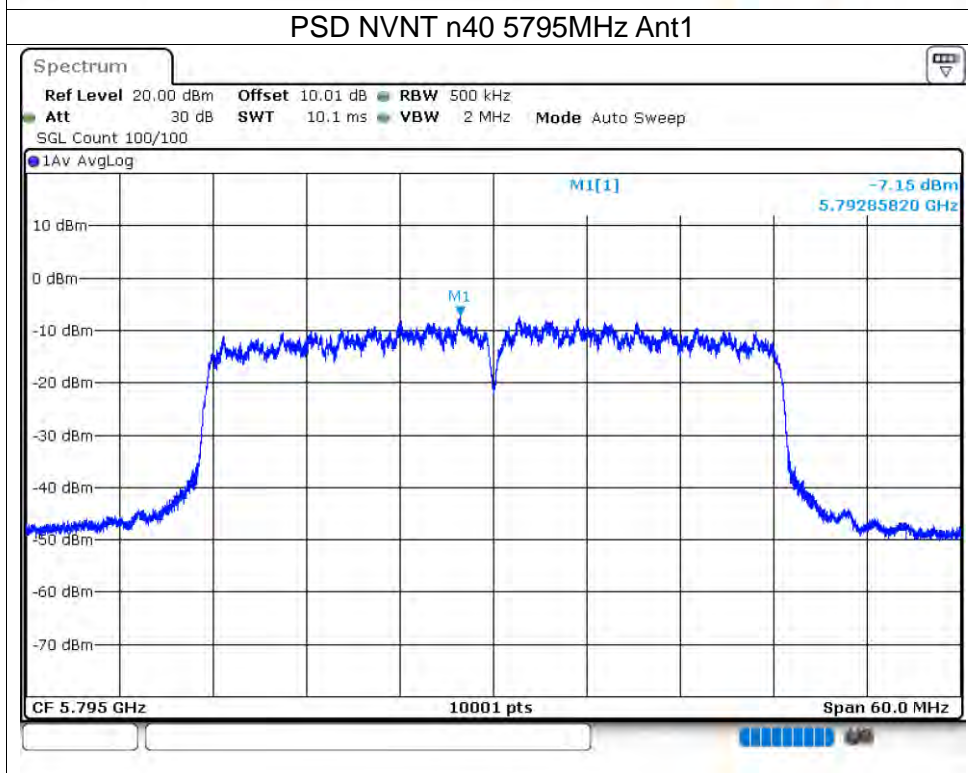
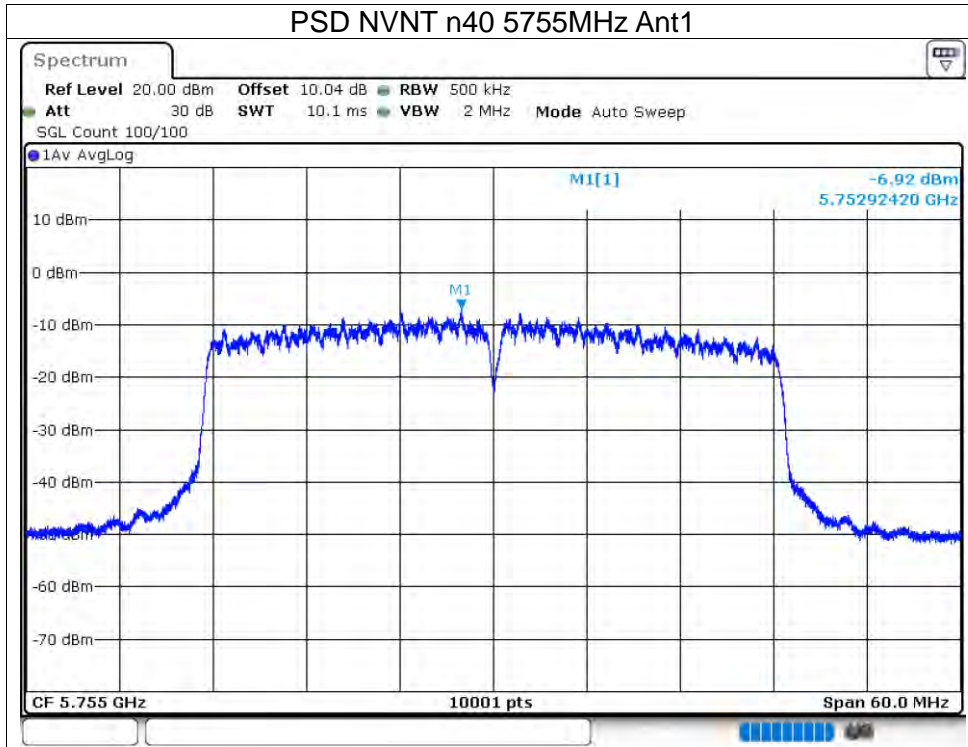


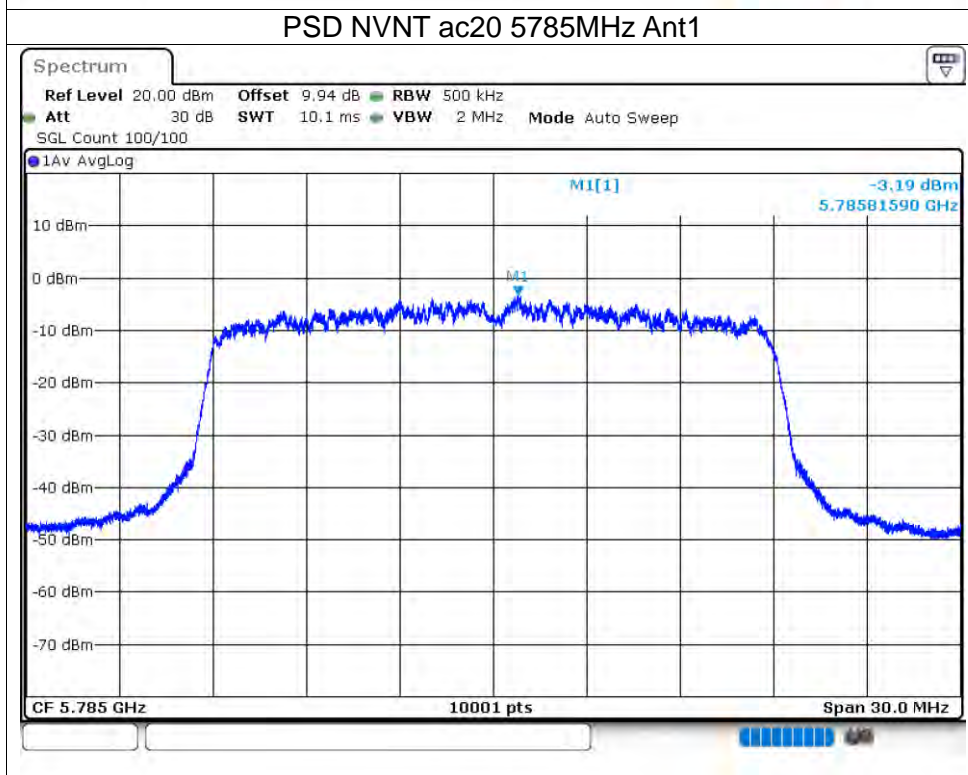
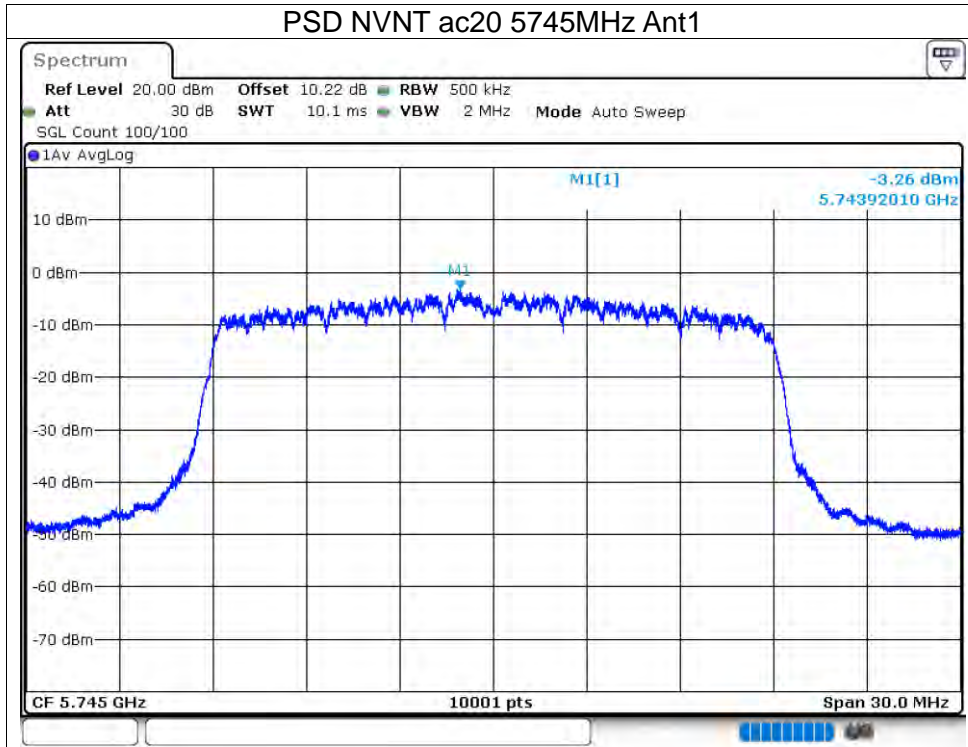
PSD NVNT a 5785MHz Ant1

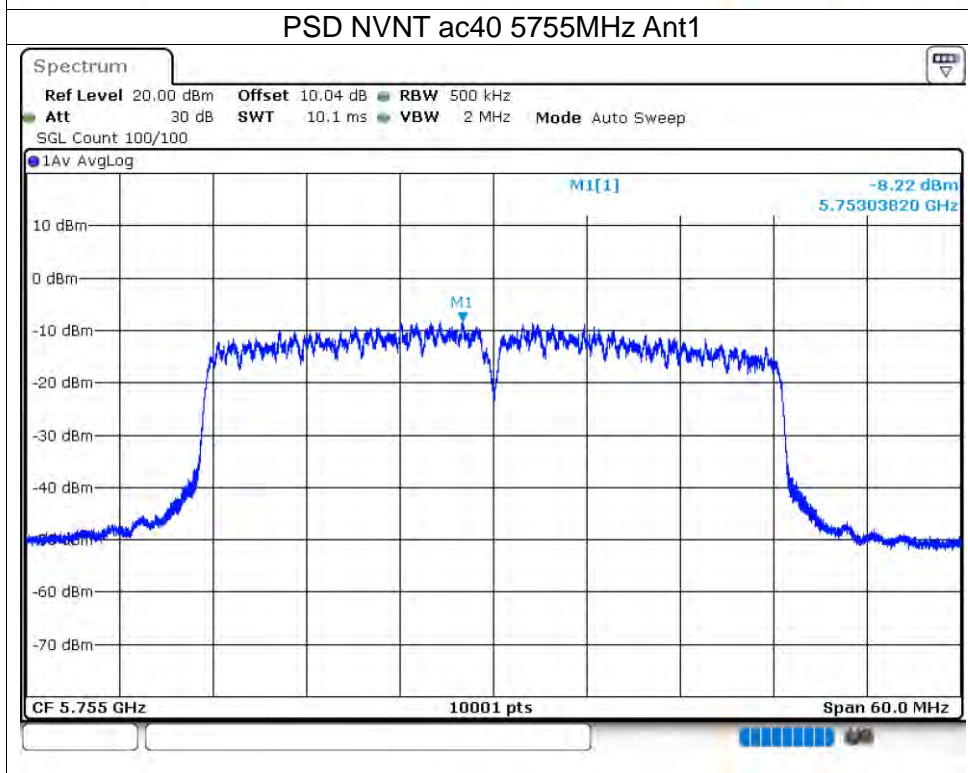
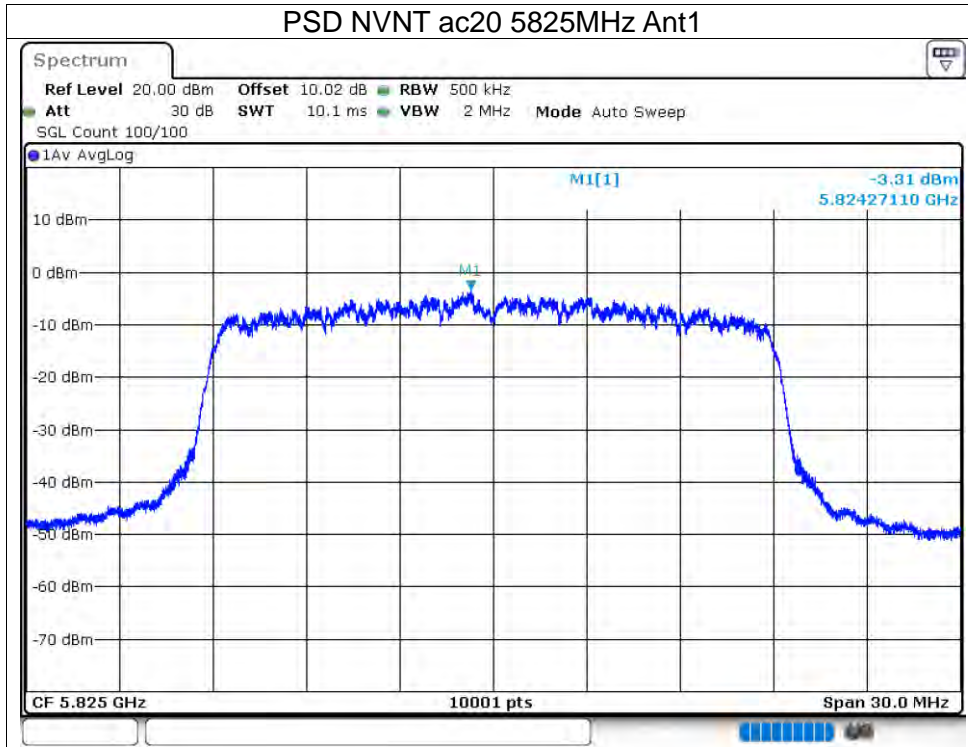


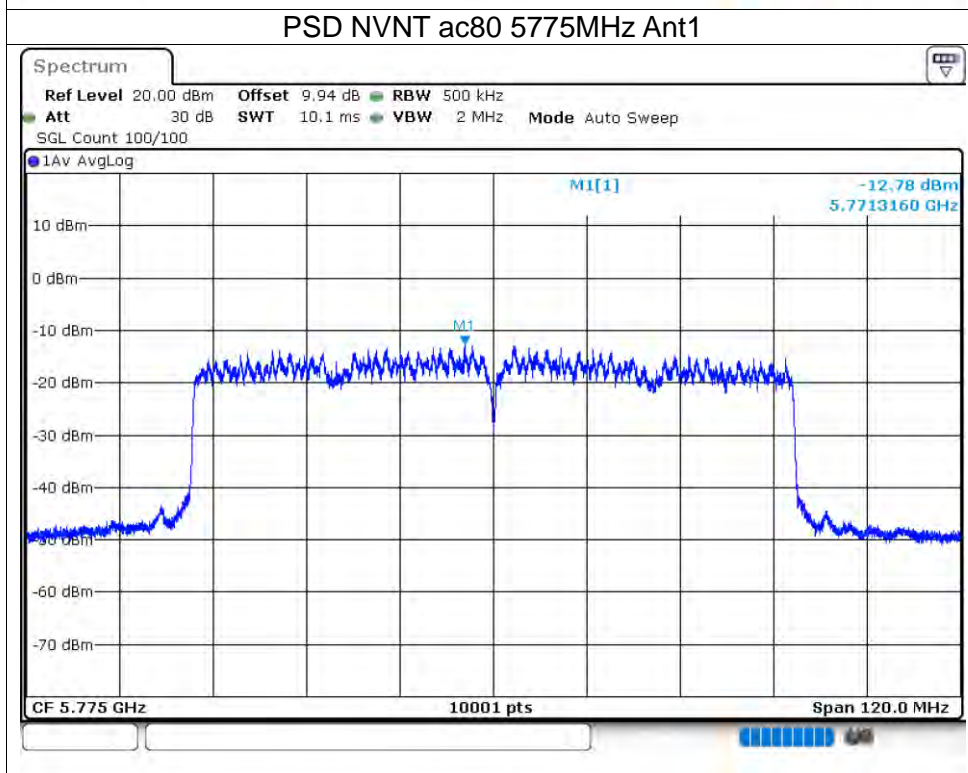
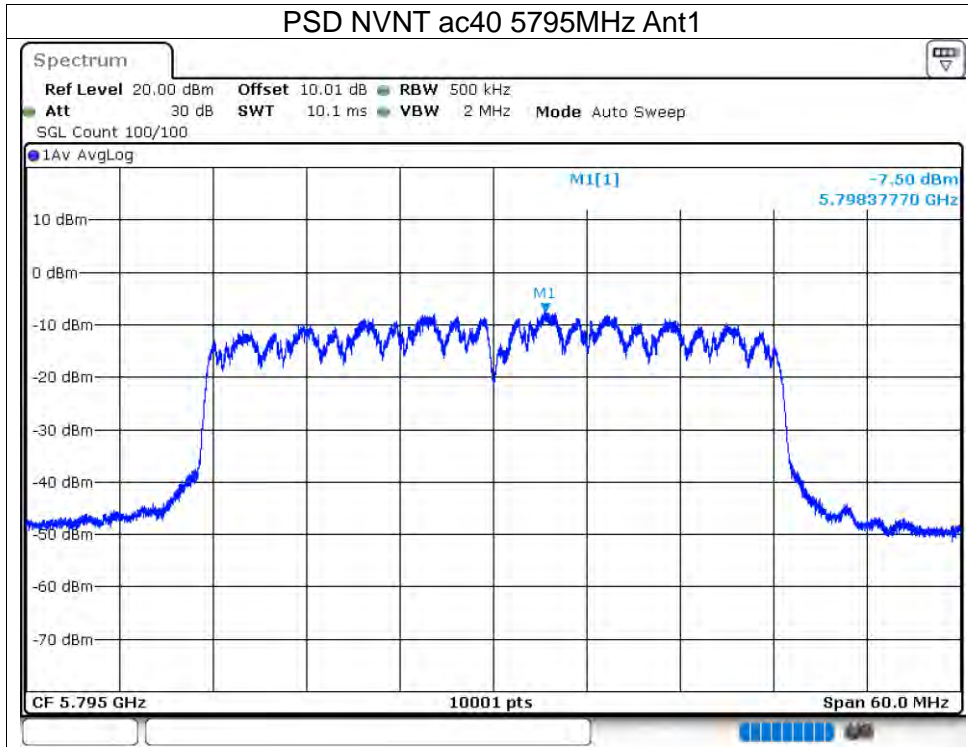










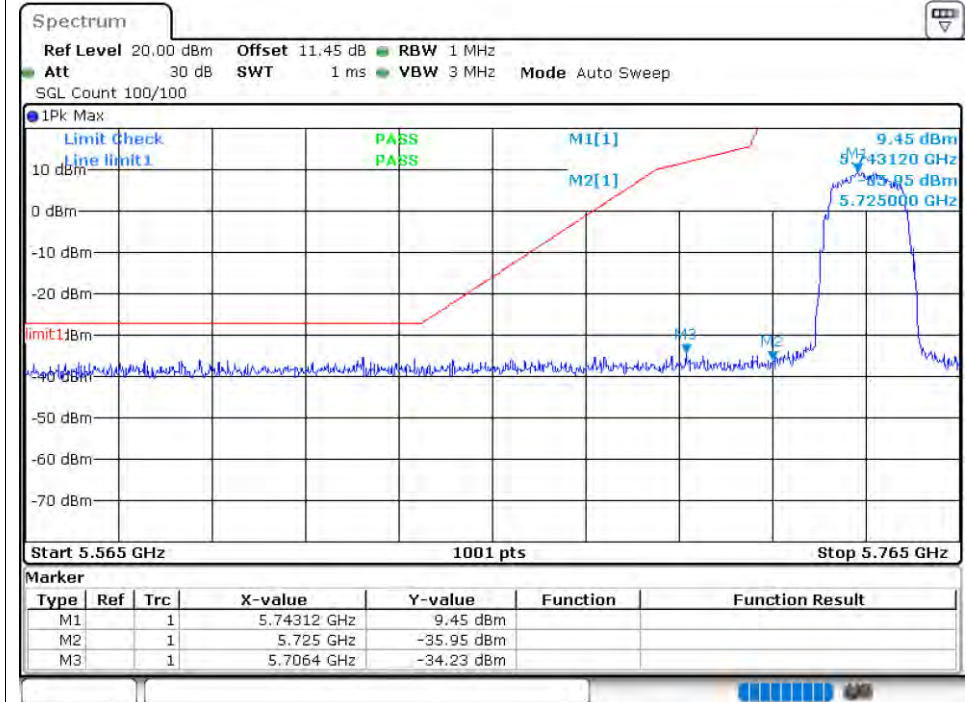


5.6 BAND EDGE

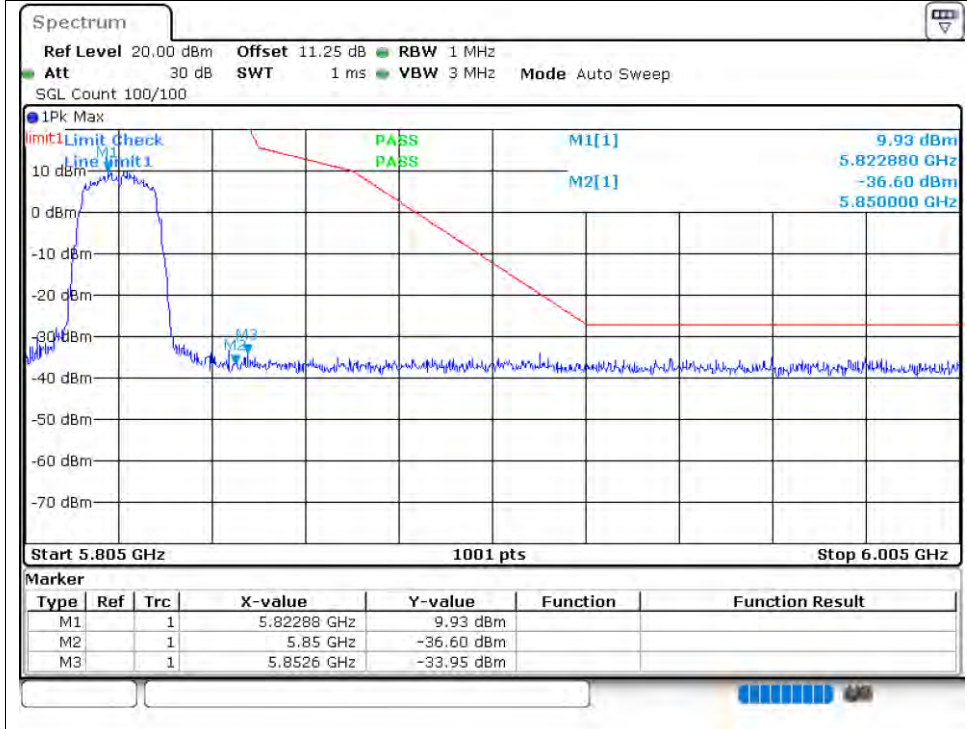
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-34.23	Pass
NVNT	a	5825	Ant1	-33.94	Pass
NVNT	n20	5745	Ant1	-34.49	Pass
NVNT	n20	5825	Ant1	-34.37	Pass
NVNT	n40	5755	Ant1	-30.51	Pass
NVNT	n40	5795	Ant1	-33.65	Pass
NVNT	ac20	5745	Ant1	-34.53	Pass
NVNT	ac20	5825	Ant1	-33.24	Pass
NVNT	ac40	5755	Ant1	-34.08	Pass
NVNT	ac40	5795	Ant1	-34.08	Pass
NVNT	ac80	5775	Ant1	-31.91	Pass

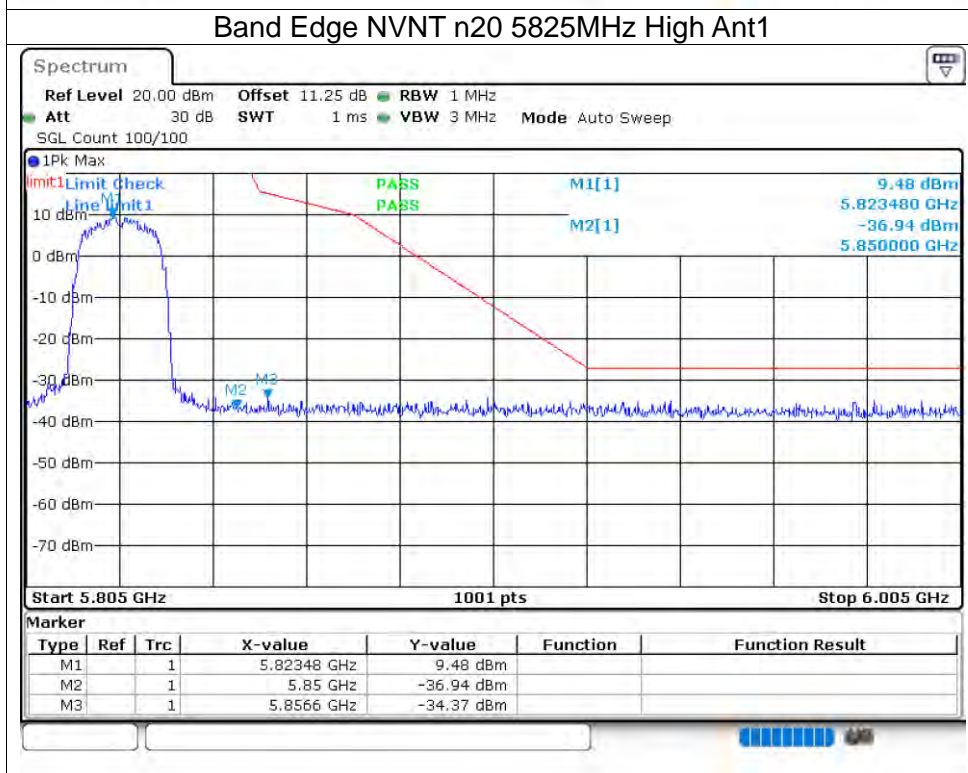
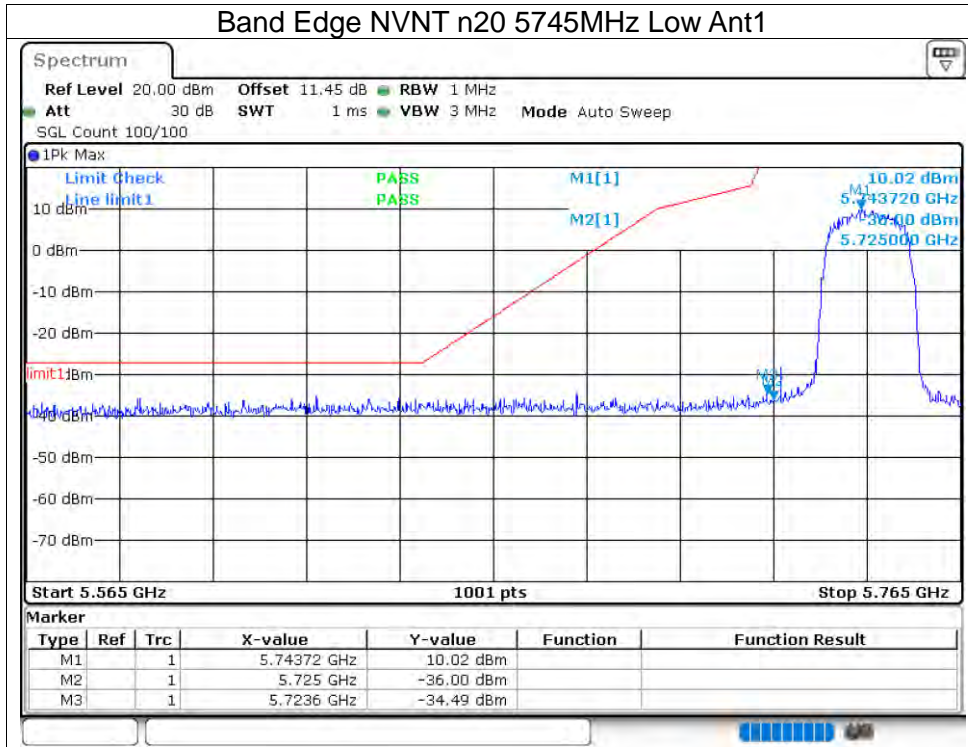
Test Graphs

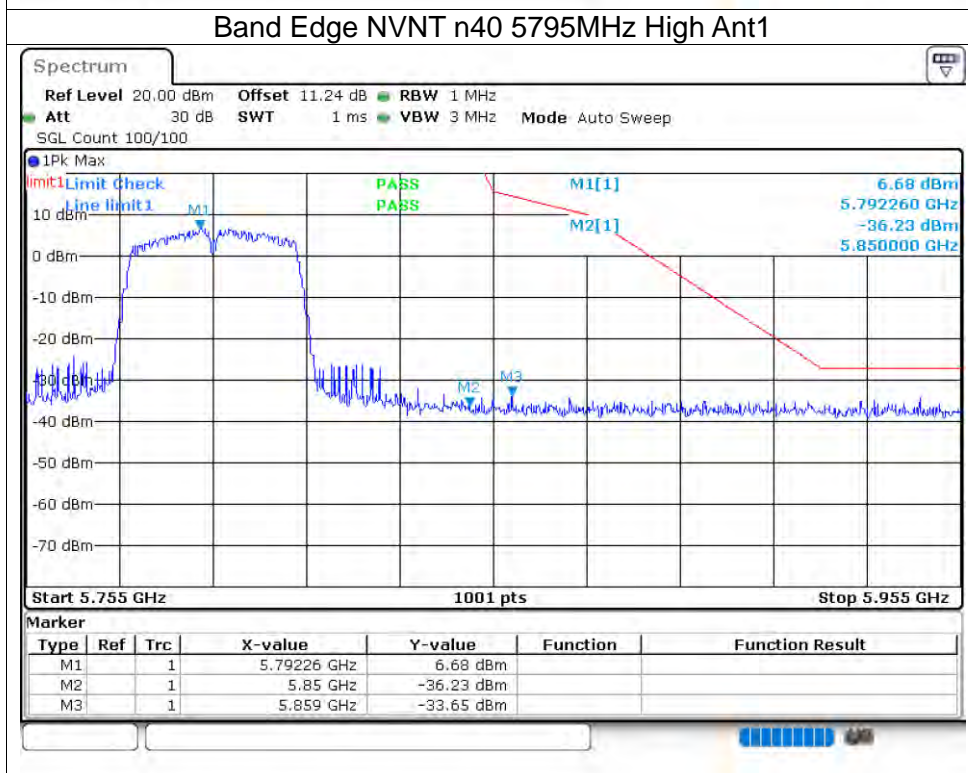
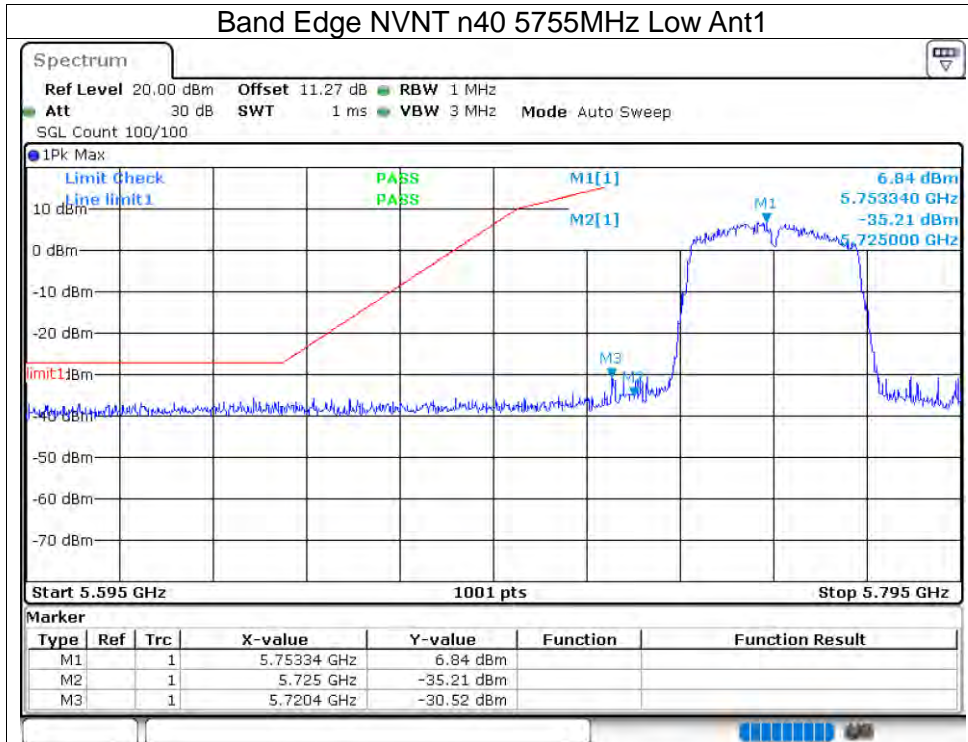
Band Edge NVNT a 5745MHz Low Ant1

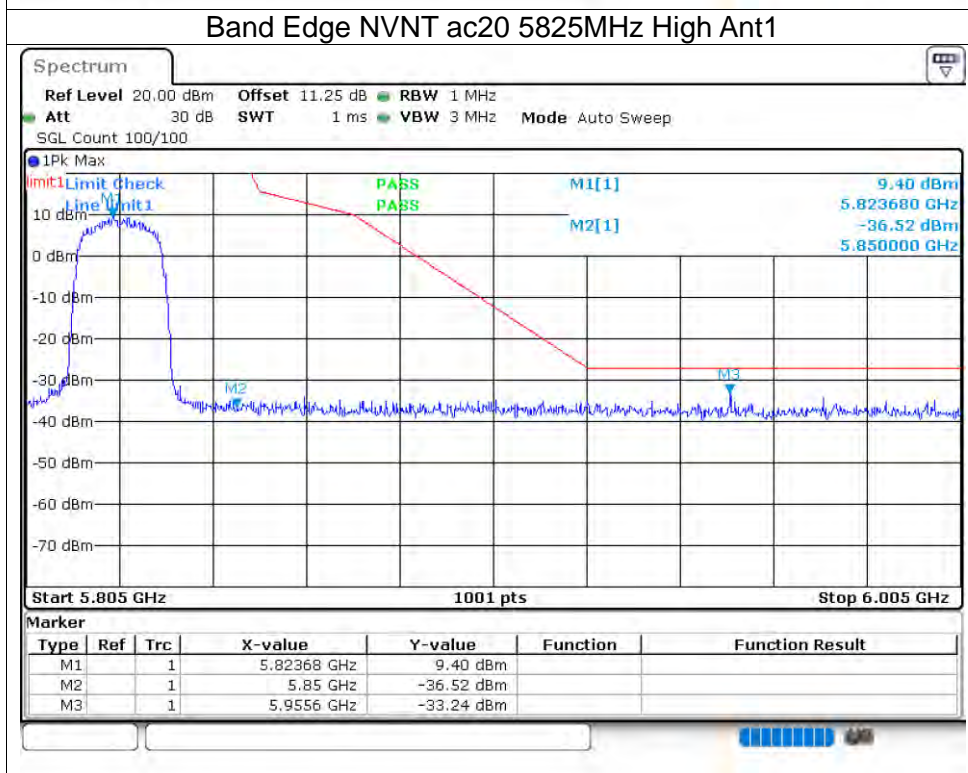
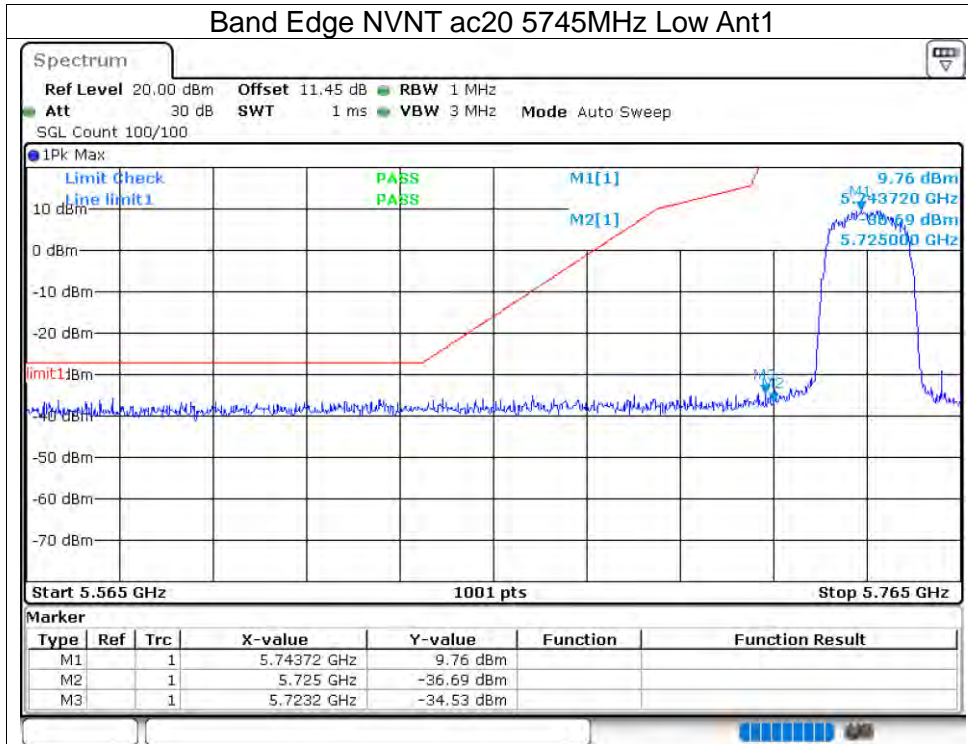


Band Edge NVNT a 5825MHz High Ant1

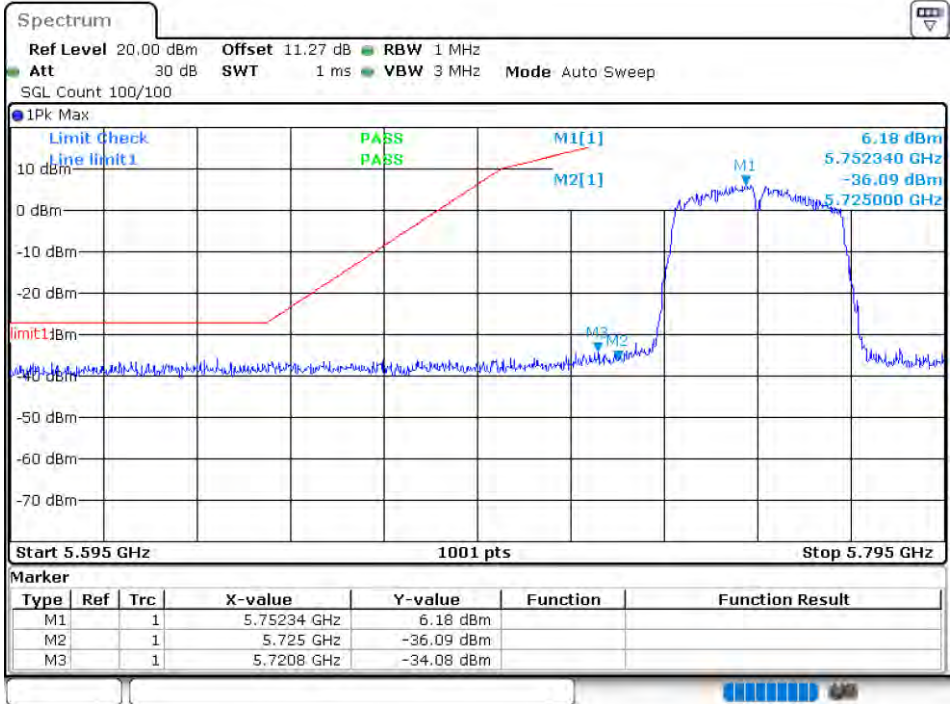




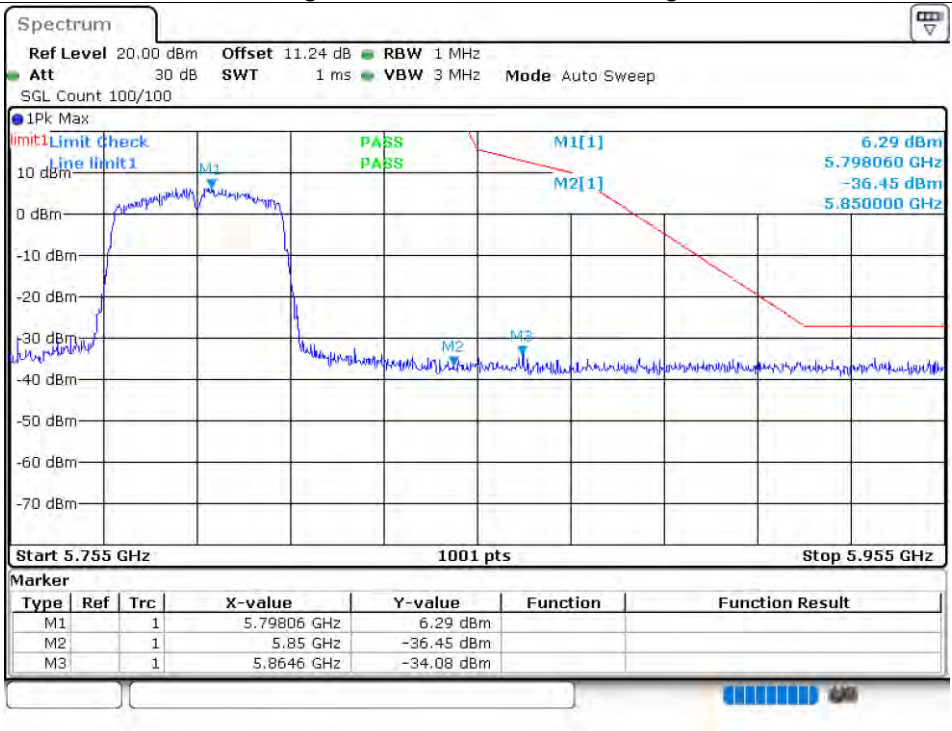


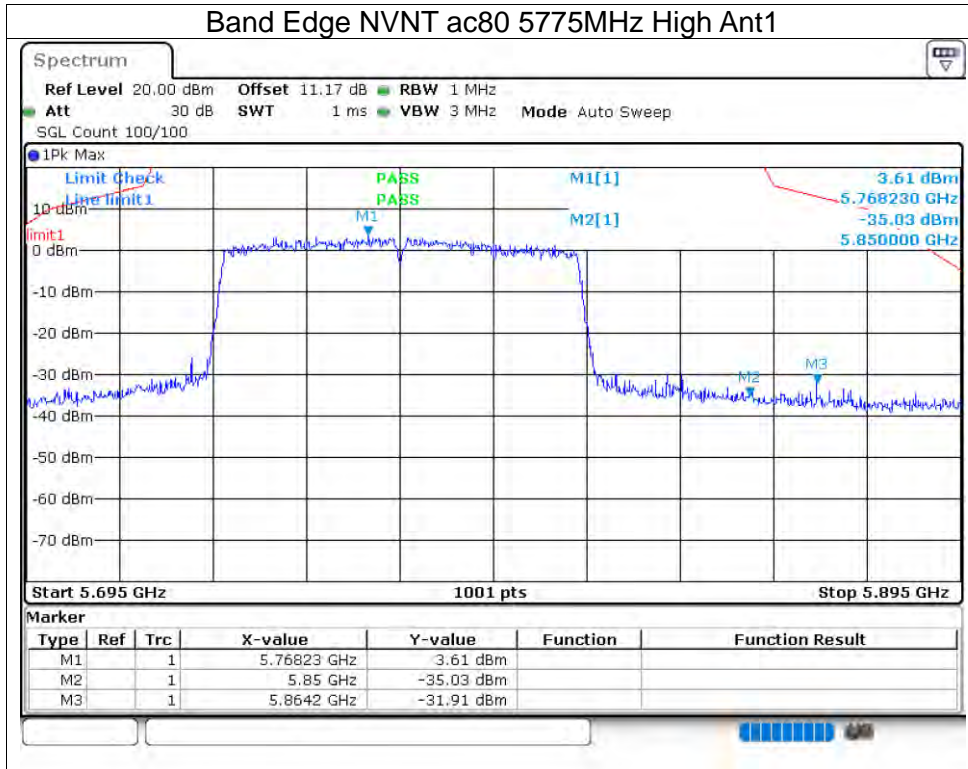


Band Edge NVNT ac40 5755MHz Low Ant1



Band Edge NVNT ac40 5795MHz High Ant1



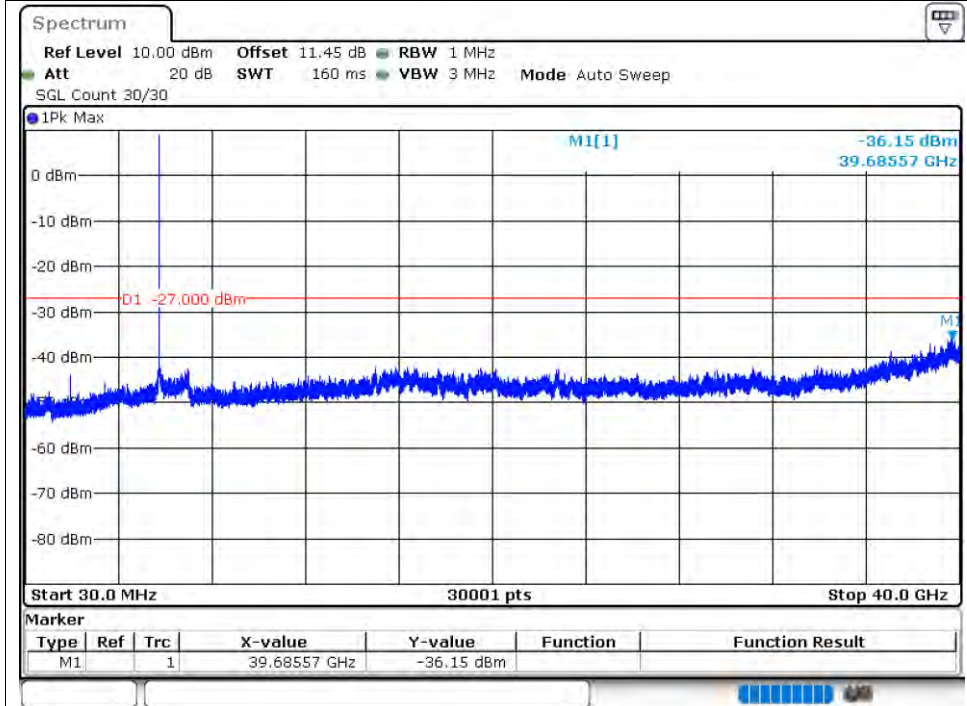


5.7 CONDUCTED RF SPURIOUS EMISSION

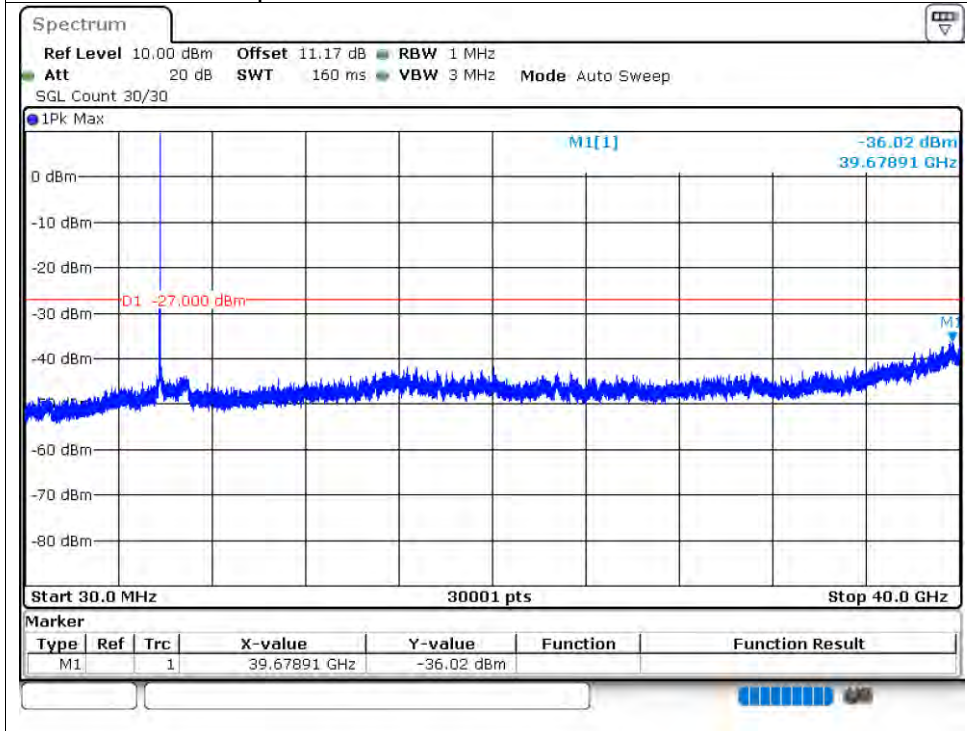
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-36.15	-27	Pass
NVNT	a	5785	Ant1	-36.01	-27	Pass
NVNT	a	5825	Ant1	-36.23	-27	Pass
NVNT	n20	5745	Ant1	-36.46	-27	Pass
NVNT	n20	5785	Ant1	-36.04	-27	Pass
NVNT	n20	5825	Ant1	-36.28	-27	Pass
NVNT	n40	5755	Ant1	-36.66	-27	Pass
NVNT	n40	5795	Ant1	-36.2	-27	Pass
NVNT	ac20	5745	Ant1	-35.81	-27	Pass
NVNT	ac20	5785	Ant1	-36.68	-27	Pass
NVNT	ac20	5825	Ant1	-36.58	-27	Pass
NVNT	ac40	5755	Ant1	-35.75	-27	Pass
NVNT	ac40	5795	Ant1	-36.57	-27	Pass
NVNT	ac80	5775	Ant1	-35.8	-27	Pass

Test Graphs

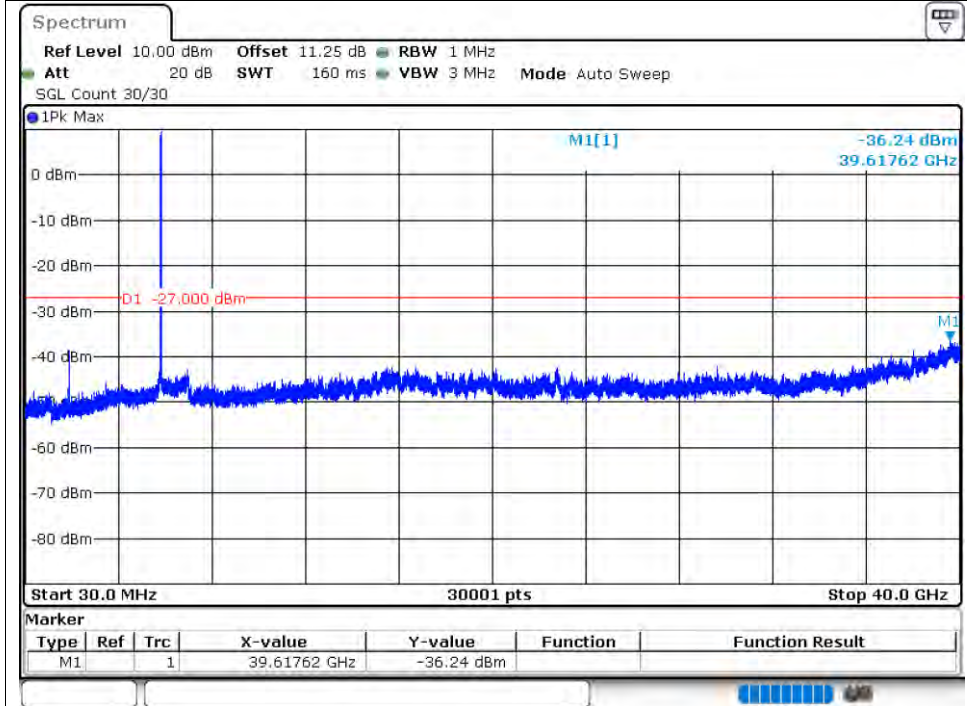
Tx. Spurious NVNT a 5745MHz Ant1 Emission



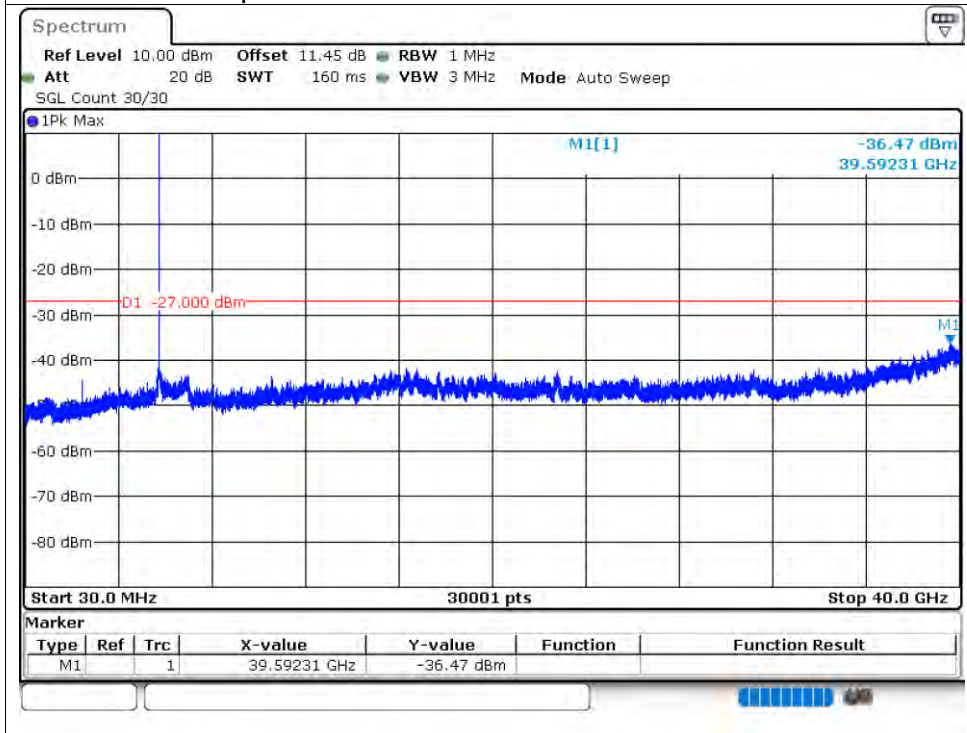
Tx. Spurious NVNT a 5785MHz Ant1 Emission

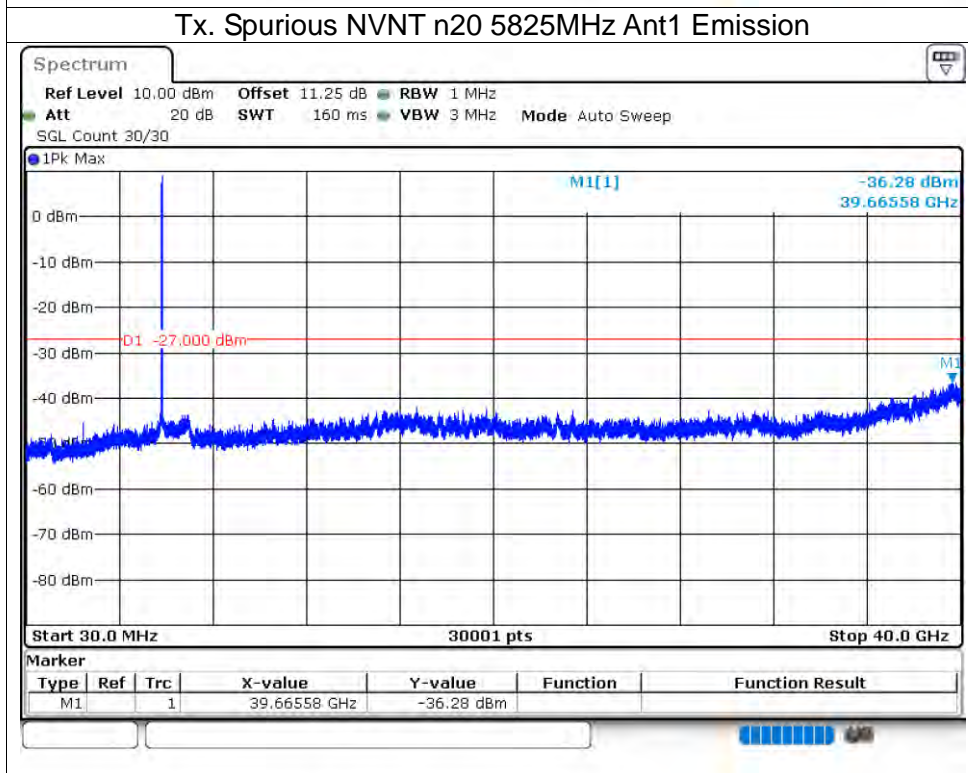
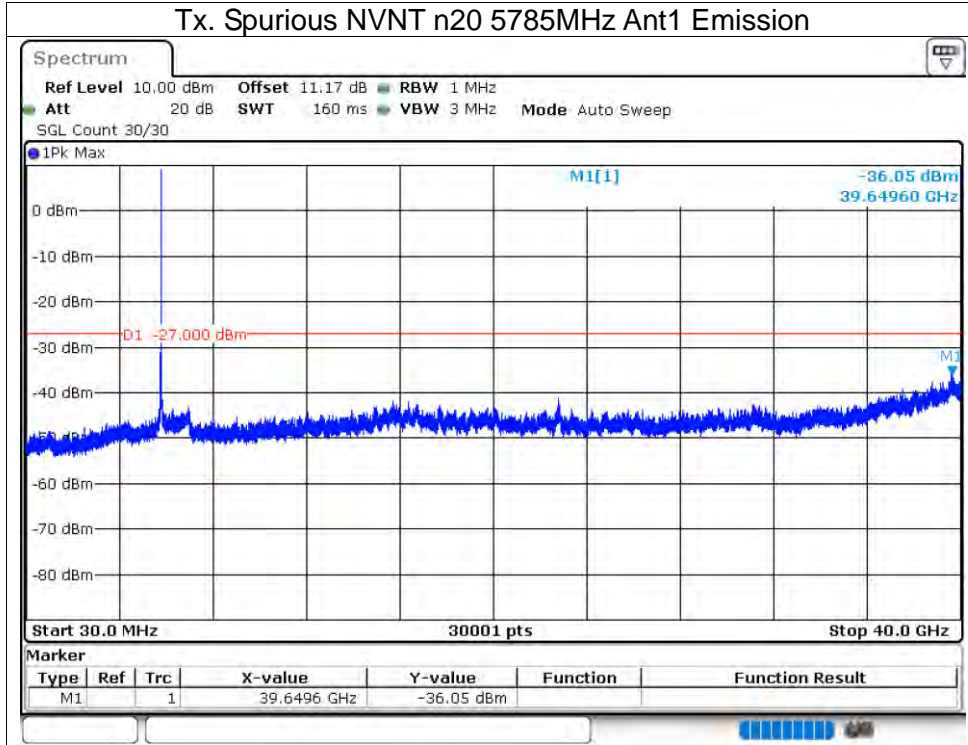


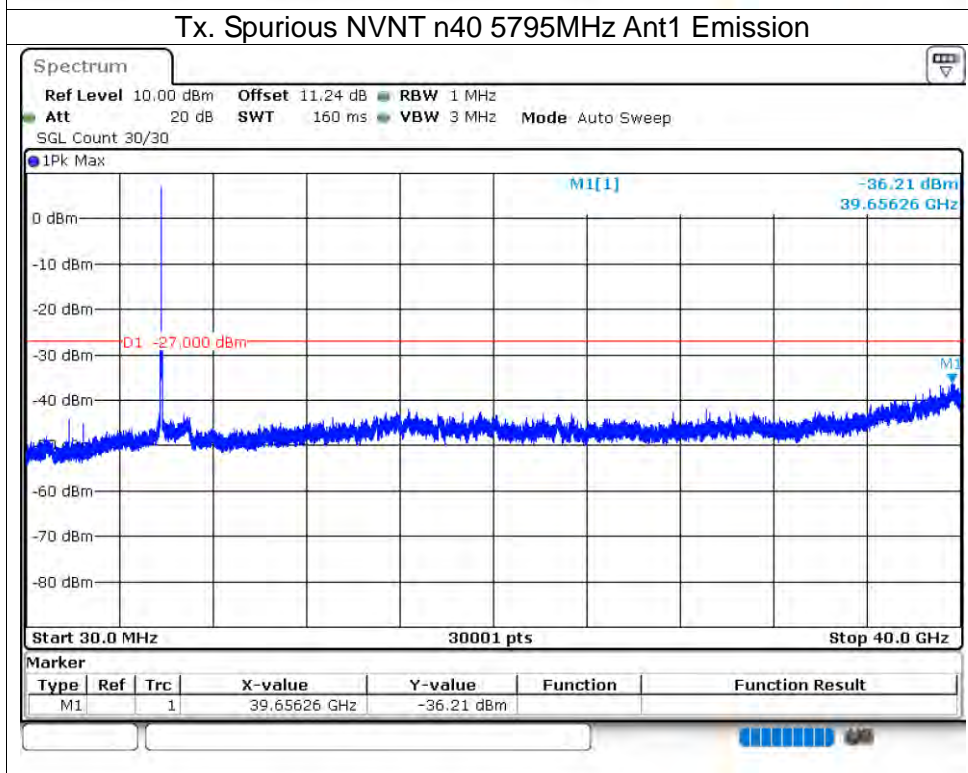
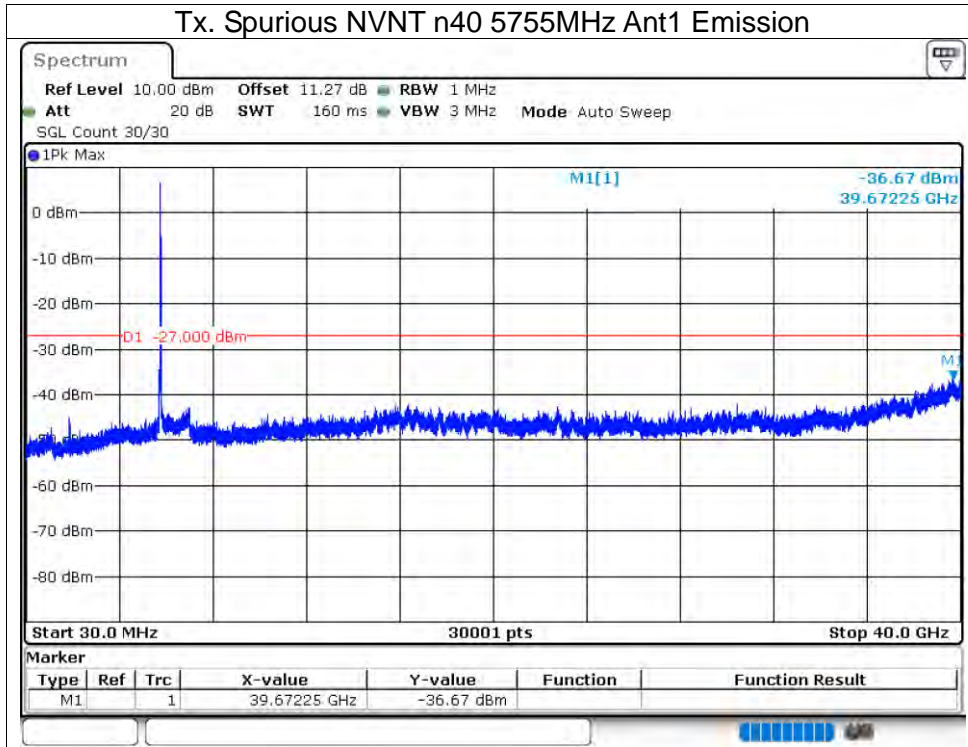
Tx. Spurious NVNT a 5825MHz Ant1 Emission

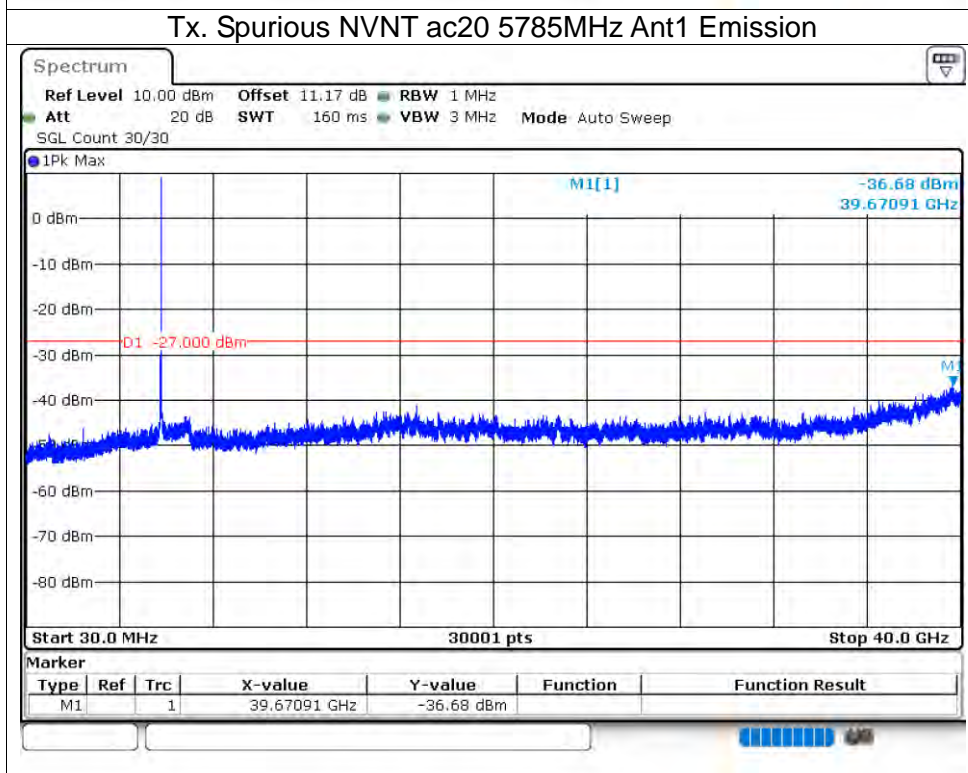
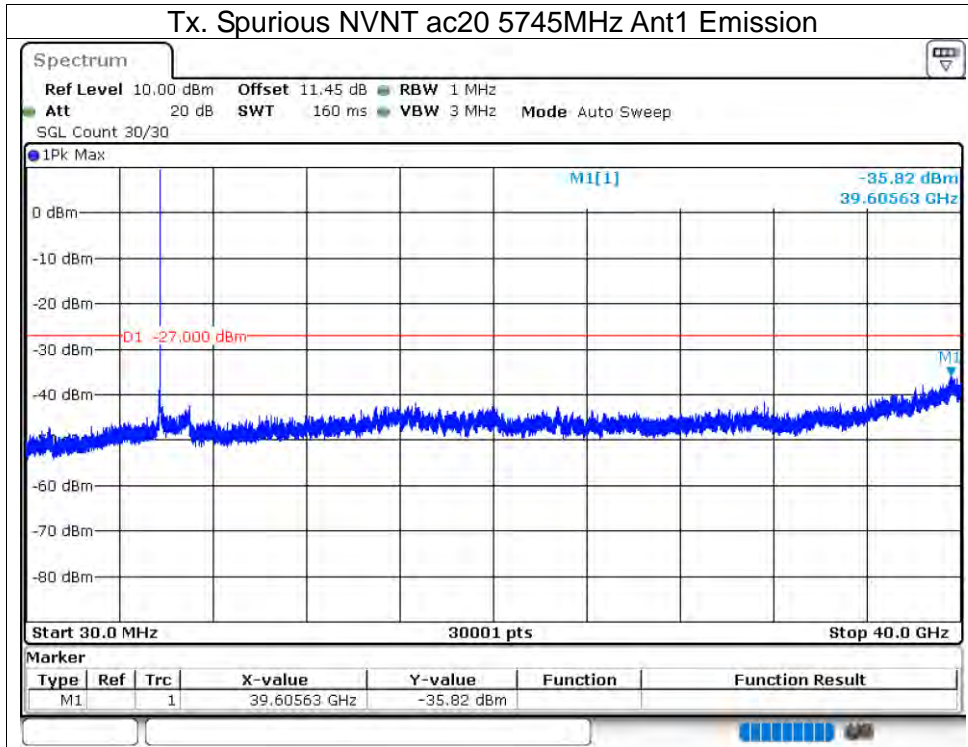


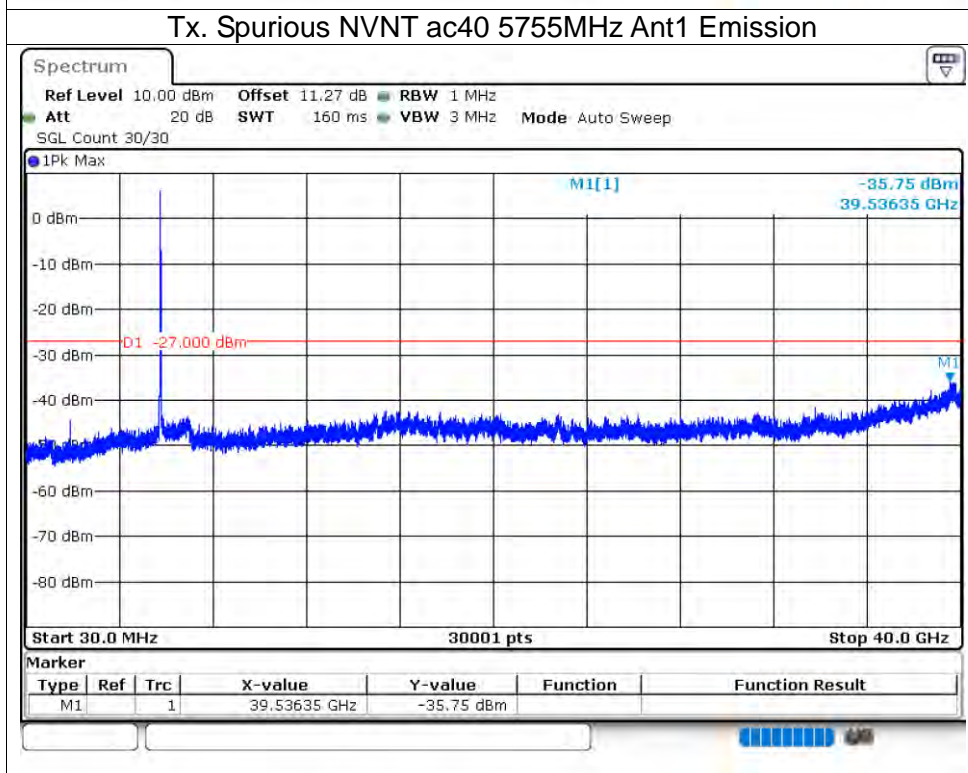
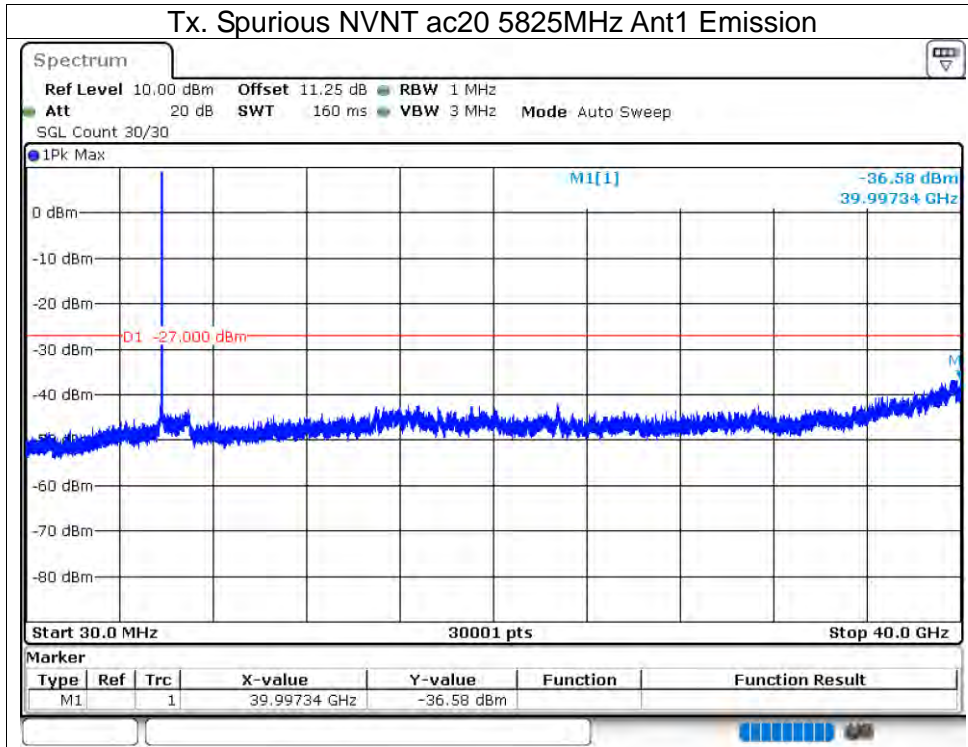
Tx. Spurious NVNT n20 5745MHz Ant1 Emission

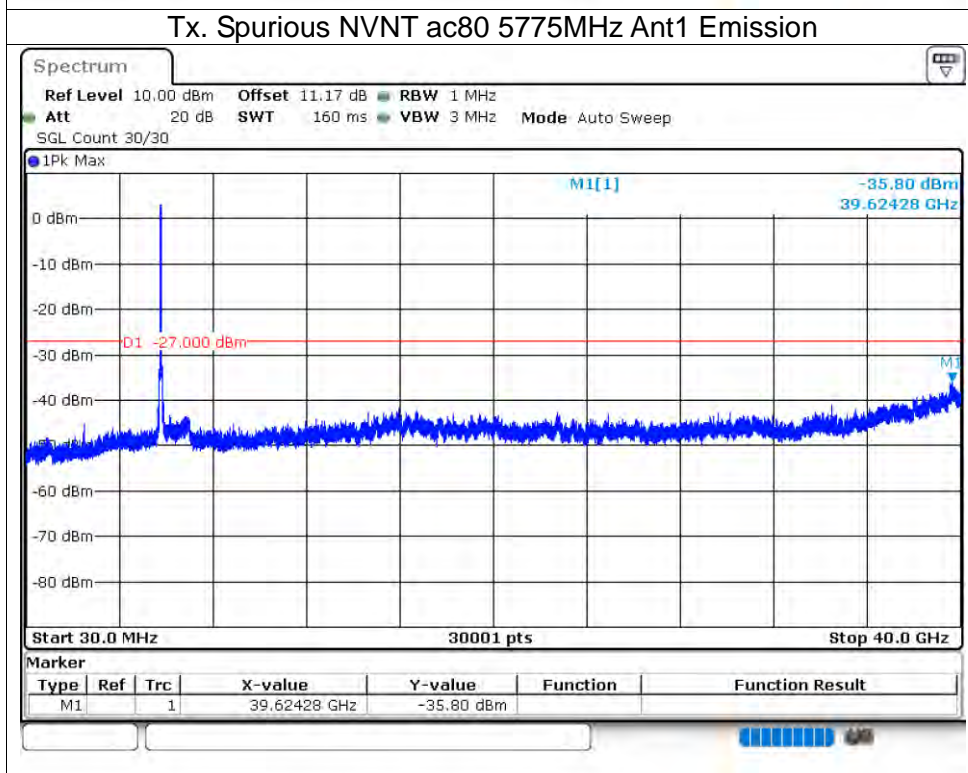
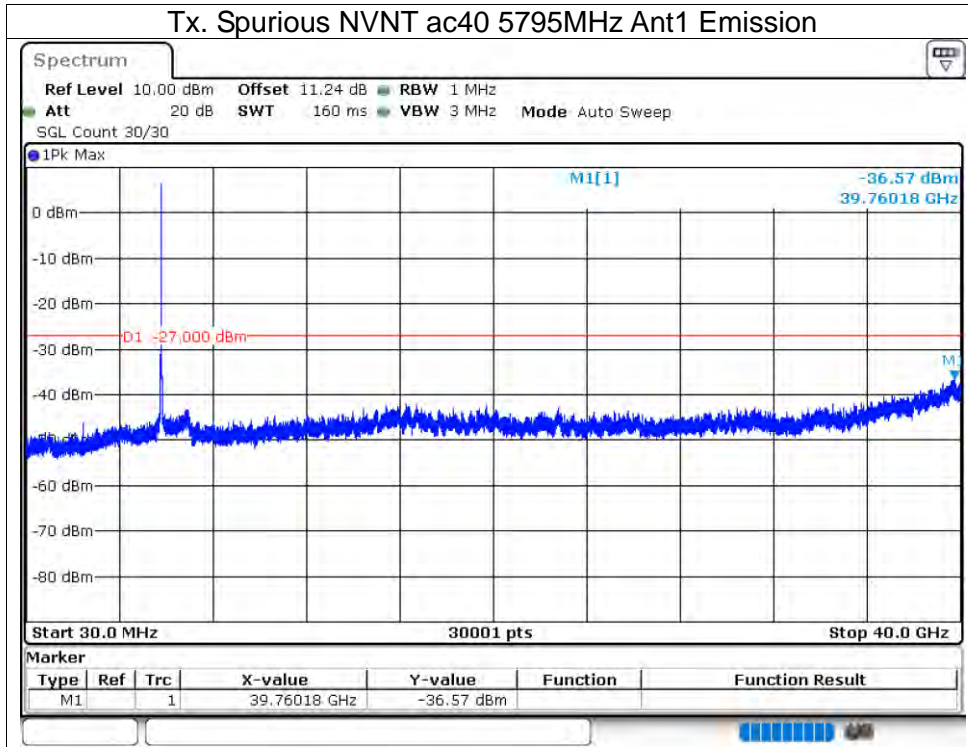












END OF REPORT