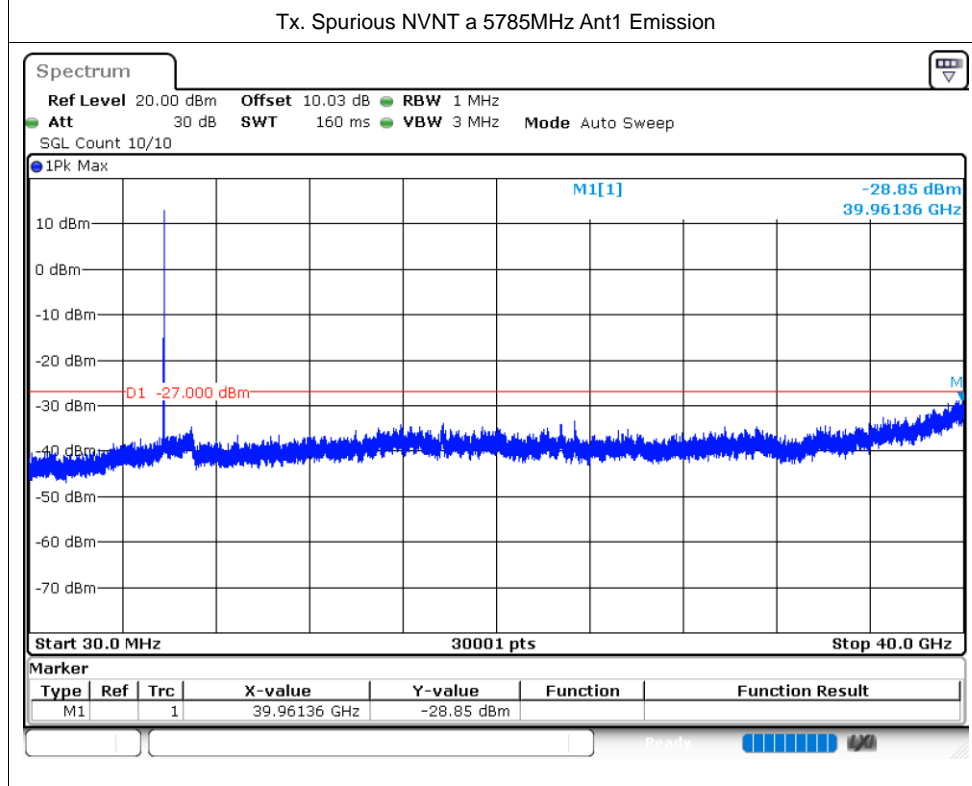
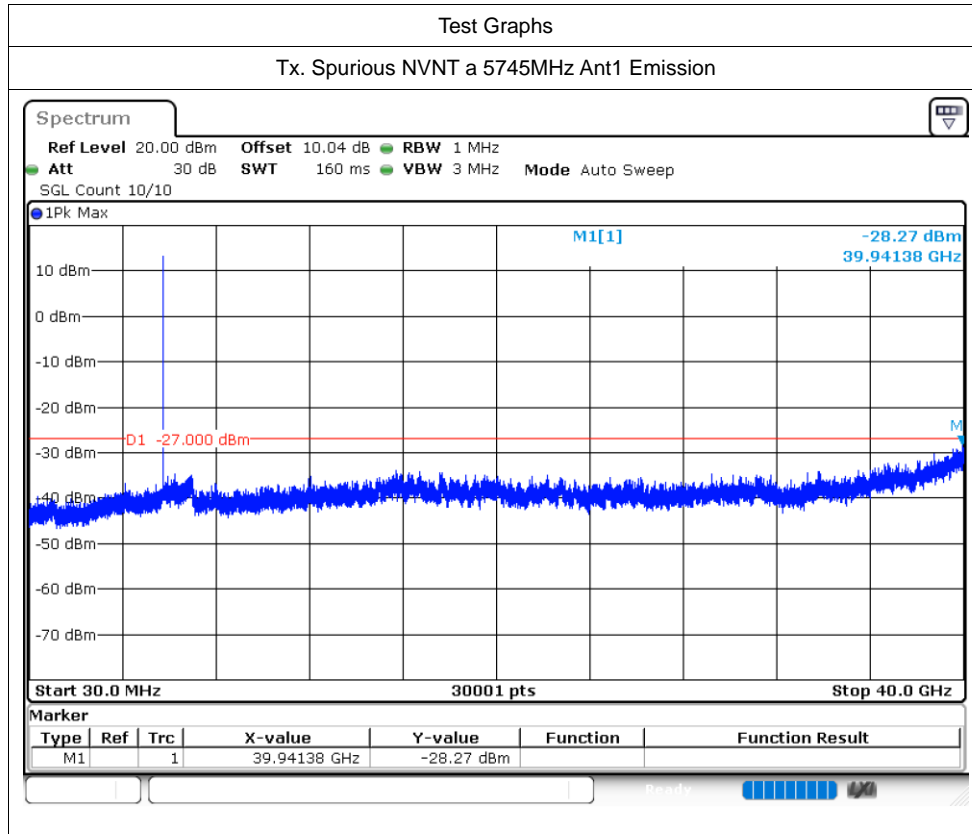
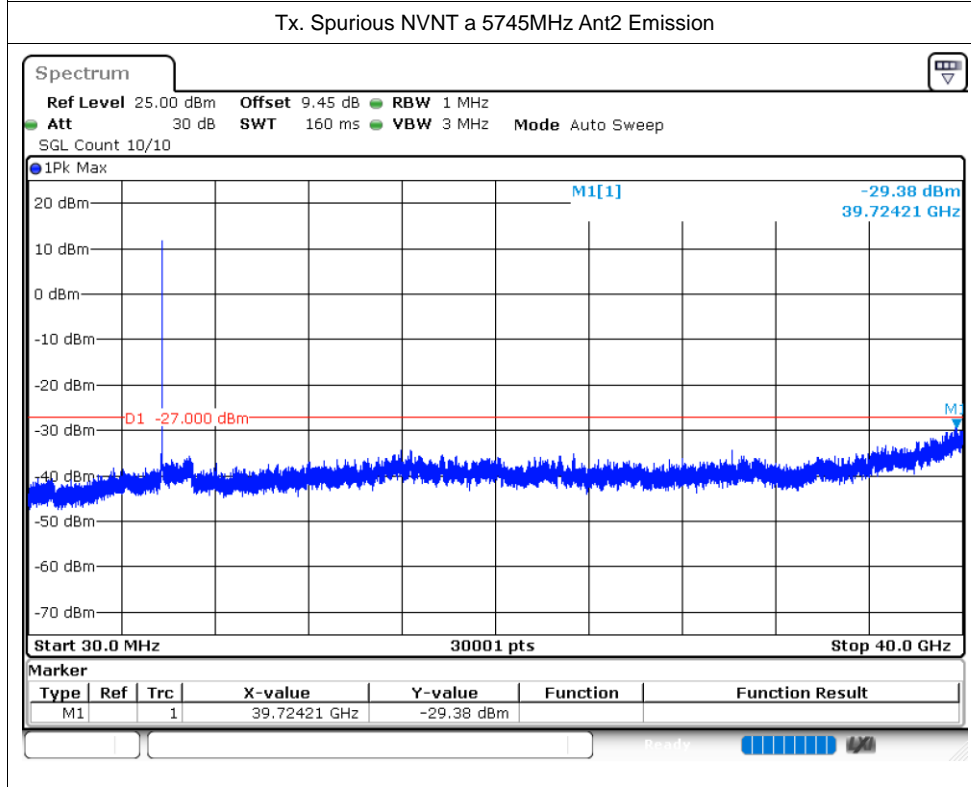
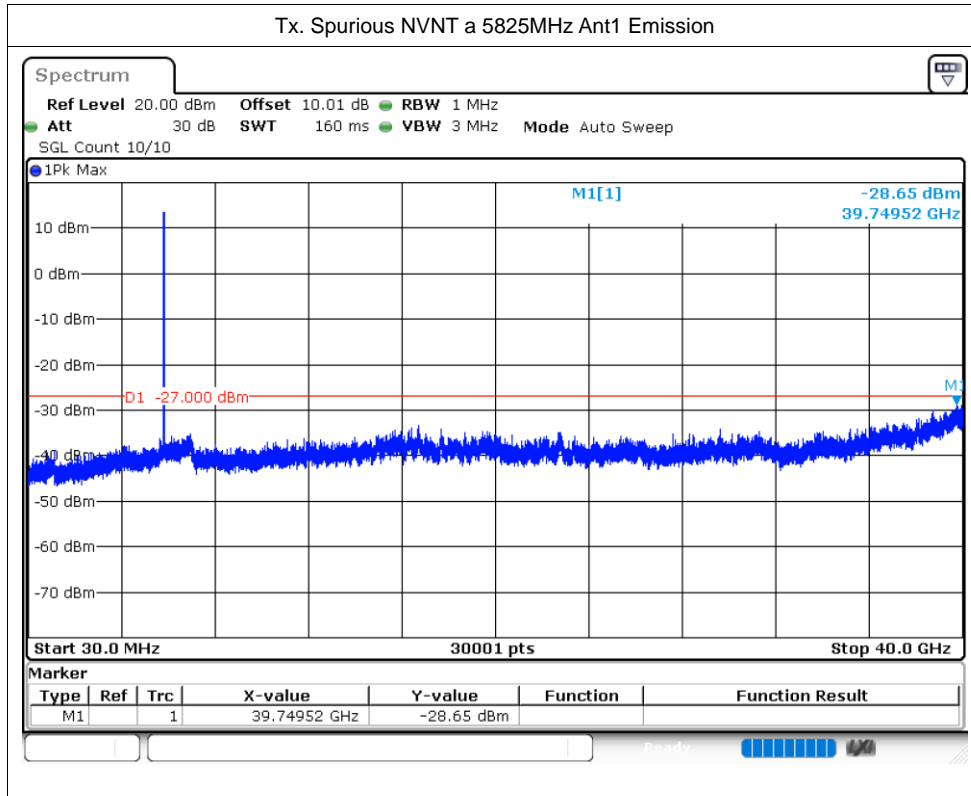
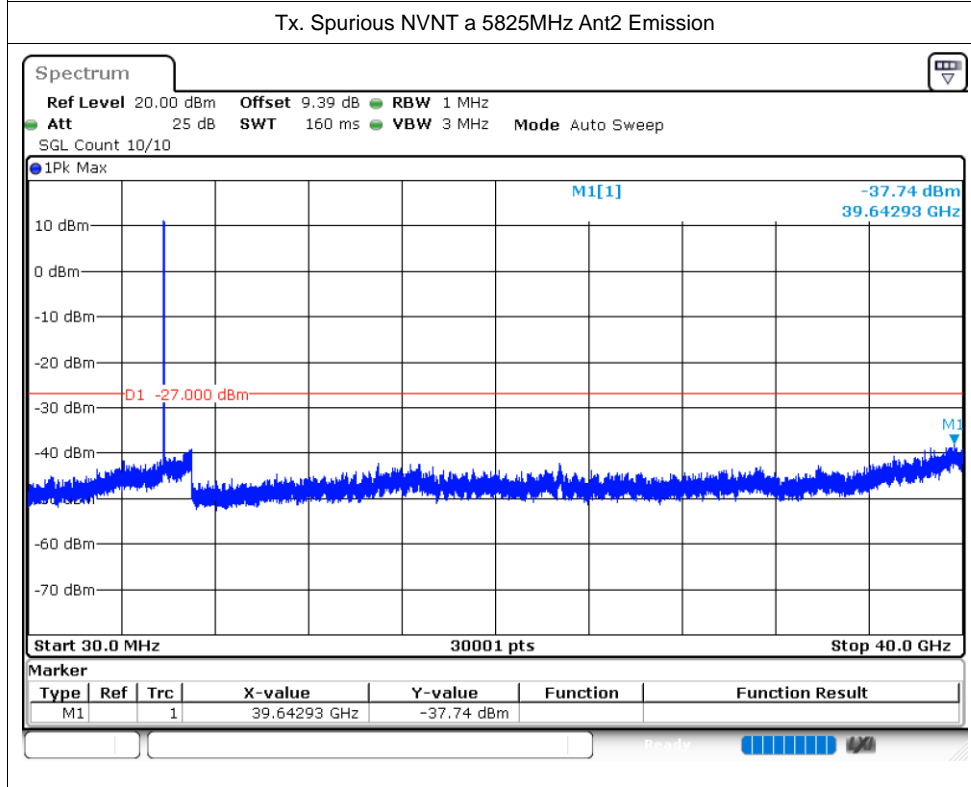
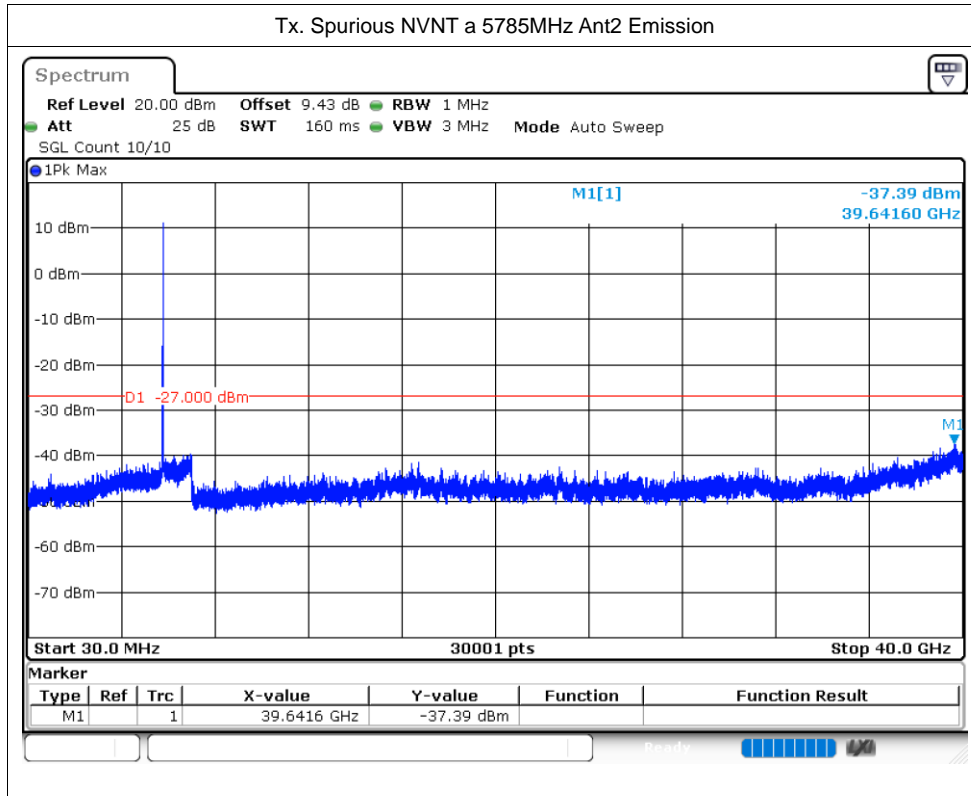


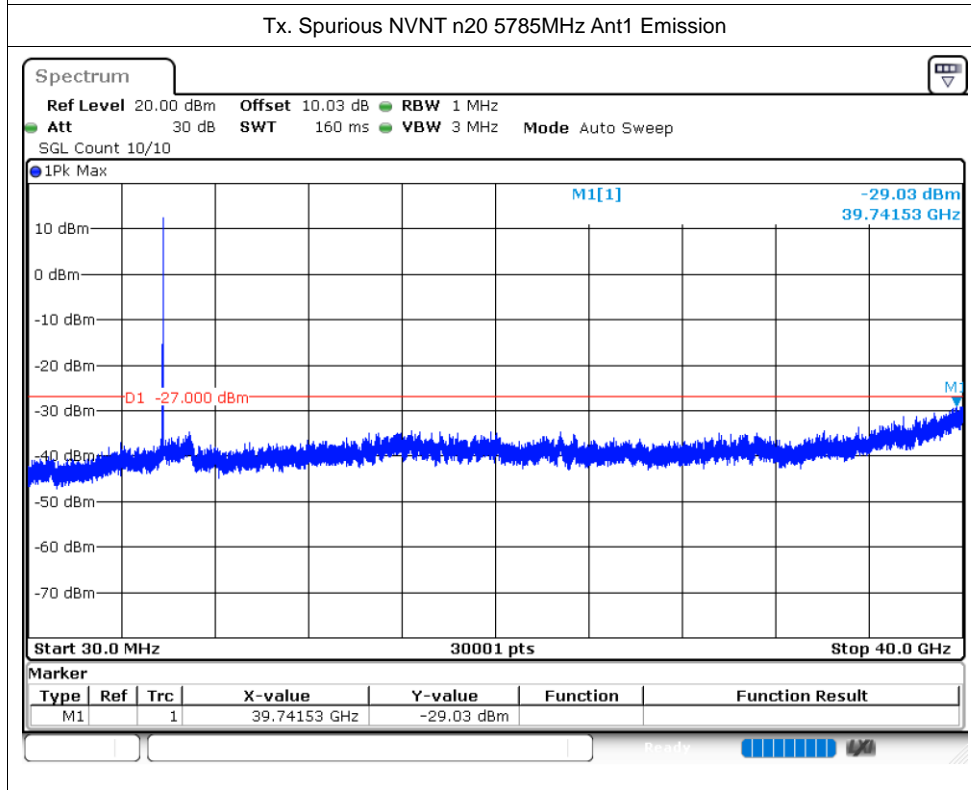
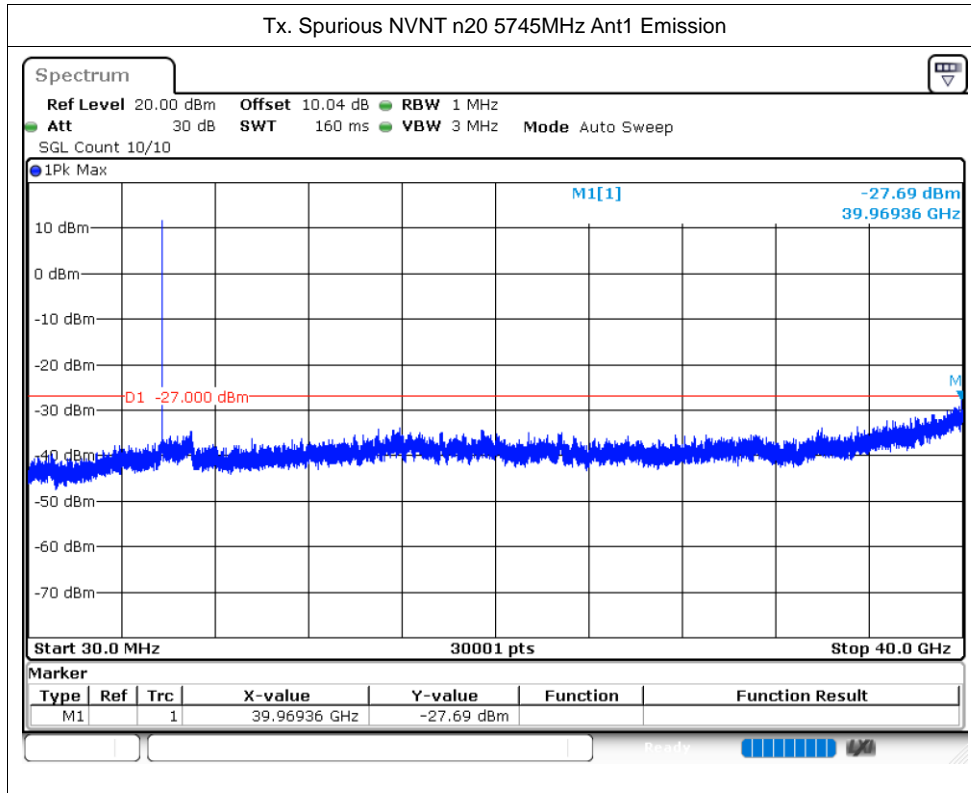
Conducted RF Spurious Emission

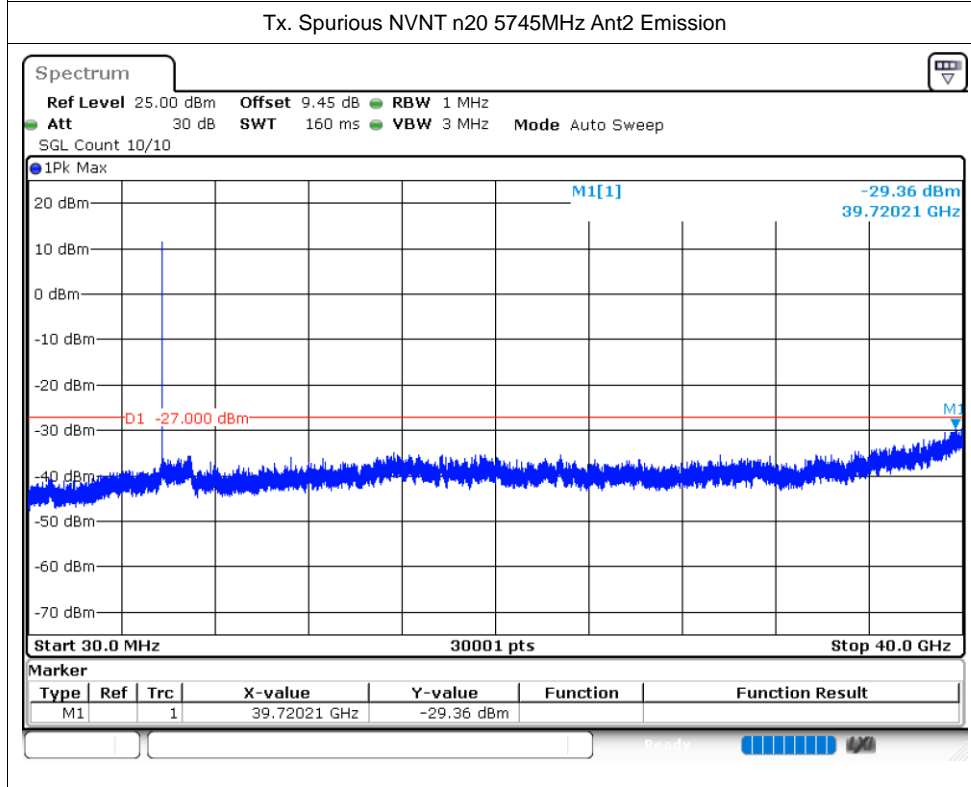
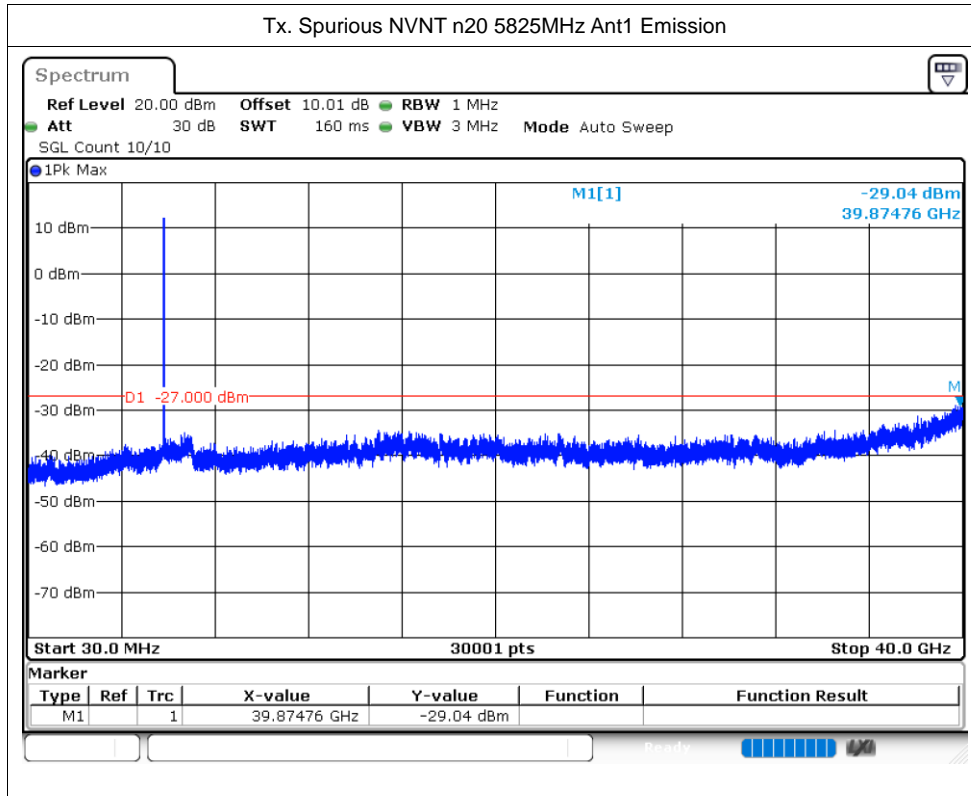
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-28.27	-27	Pass
NVNT	a	5785	Ant1	-28.84	-27	Pass
NVNT	a	5825	Ant1	-28.65	-27	Pass
NVNT	a	5745	Ant2	-29.37	-27	Pass
NVNT	a	5785	Ant2	-37.38	-27	Pass
NVNT	a	5825	Ant2	-37.74	-27	Pass
NVNT	n20	5745	Ant1	-27.68	-27	Pass
NVNT	n20	5785	Ant1	-29.03	-27	Pass
NVNT	n20	5825	Ant1	-29.04	-27	Pass
NVNT	n20	5745	Ant2	-29.35	-27	Pass
NVNT	n20	5785	Ant2	-29.16	-27	Pass
NVNT	n20	5825	Ant2	-28.82	-27	Pass
NVNT	n40	5755	Ant1	-28.48	-27	Pass
NVNT	n40	5795	Ant1	-28.71	-27	Pass
NVNT	n40	5755	Ant2	-36.45	-27	Pass
NVNT	n40	5795	Ant2	-38.55	-27	Pass
NVNT	ac20	5745	Ant1	-29.09	-27	Pass
NVNT	ac20	5785	Ant1	-28.82	-27	Pass
NVNT	ac20	5825	Ant1	-28.22	-27	Pass
NVNT	ac20	5745	Ant2	-38.28	-27	Pass
NVNT	ac20	5785	Ant2	-29.46	-27	Pass
NVNT	ac20	5825	Ant2	-37.07	-27	Pass
NVNT	ac40	5755	Ant1	-28.82	-27	Pass
NVNT	ac40	5795	Ant1	-29.04	-27	Pass
NVNT	ac40	5755	Ant2	-37.57	-27	Pass
NVNT	ac40	5795	Ant2	-37.46	-27	Pass
NVNT	ac80	5775	Ant1	-28.68	-27	Pass
NVNT	ac80	5775	Ant2	-38.29	-27	Pass
NVNT	ax20	5745	Ant1	-37.6	-27	Pass
NVNT	ax20	5785	Ant1	-28.68	-27	Pass
NVNT	ax20	5825	Ant1	-37.45	-27	Pass
NVNT	ax20	5745	Ant2	-37.71	-27	Pass
NVNT	ax20	5785	Ant2	-37.76	-27	Pass
NVNT	ax20	5825	Ant2	-37.4	-27	Pass
NVNT	ax40	5755	Ant1	-28.47	-27	Pass
NVNT	ax40	5795	Ant1	-28.53	-27	Pass
NVNT	ax40	5755	Ant2	-38.05	-27	Pass
NVNT	ax40	5795	Ant2	-38.26	-27	Pass
NVNT	ax80	5775	Ant1	-28.67	-27	Pass
NVNT	ax80	5775	Ant2	-37.02	-27	Pass

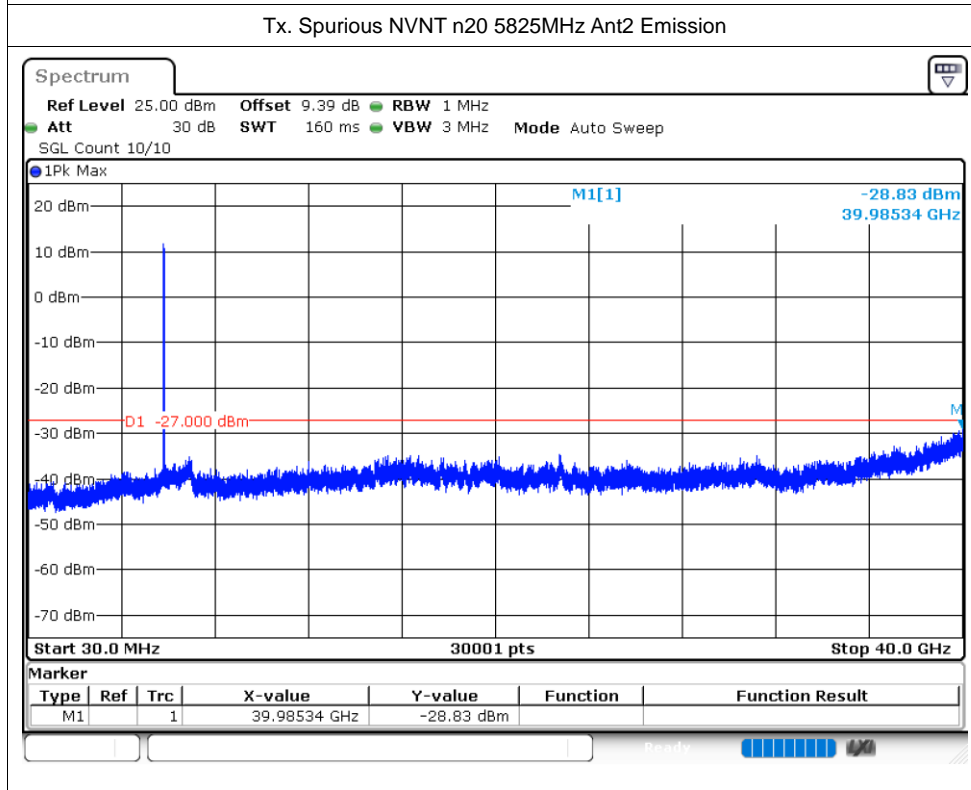
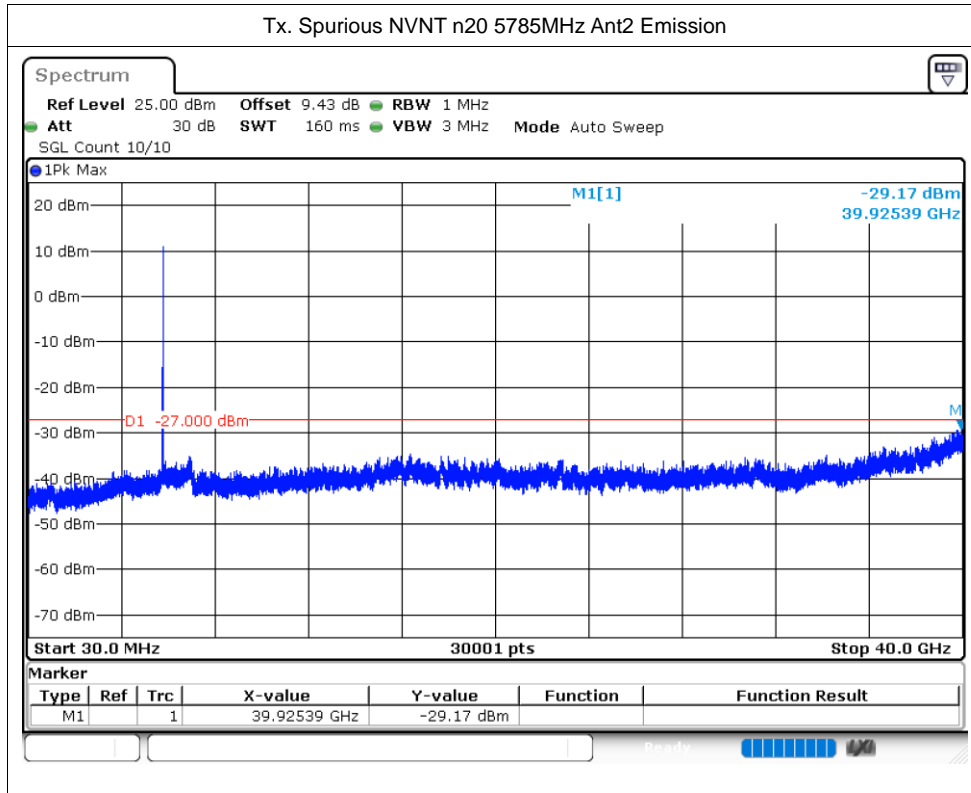


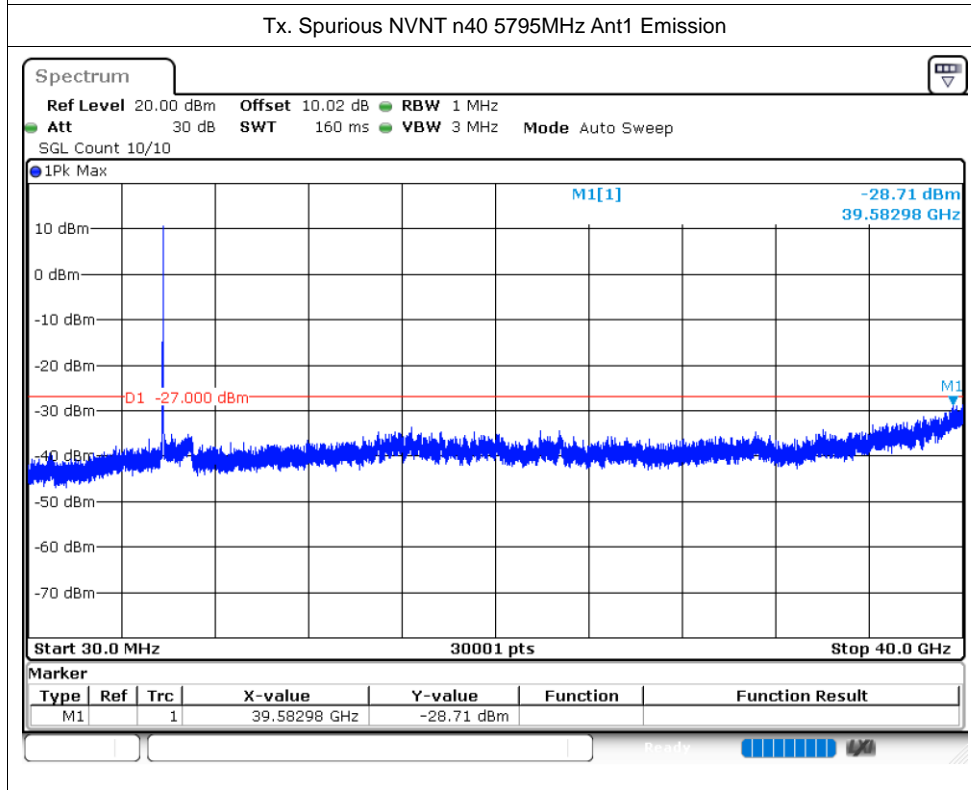
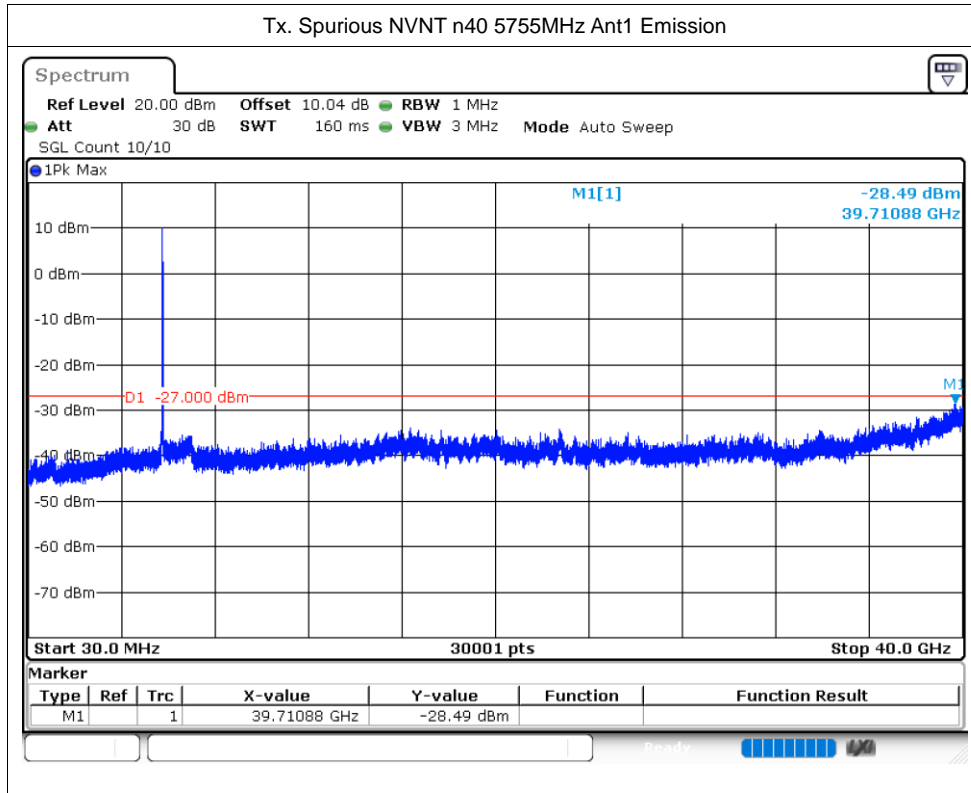


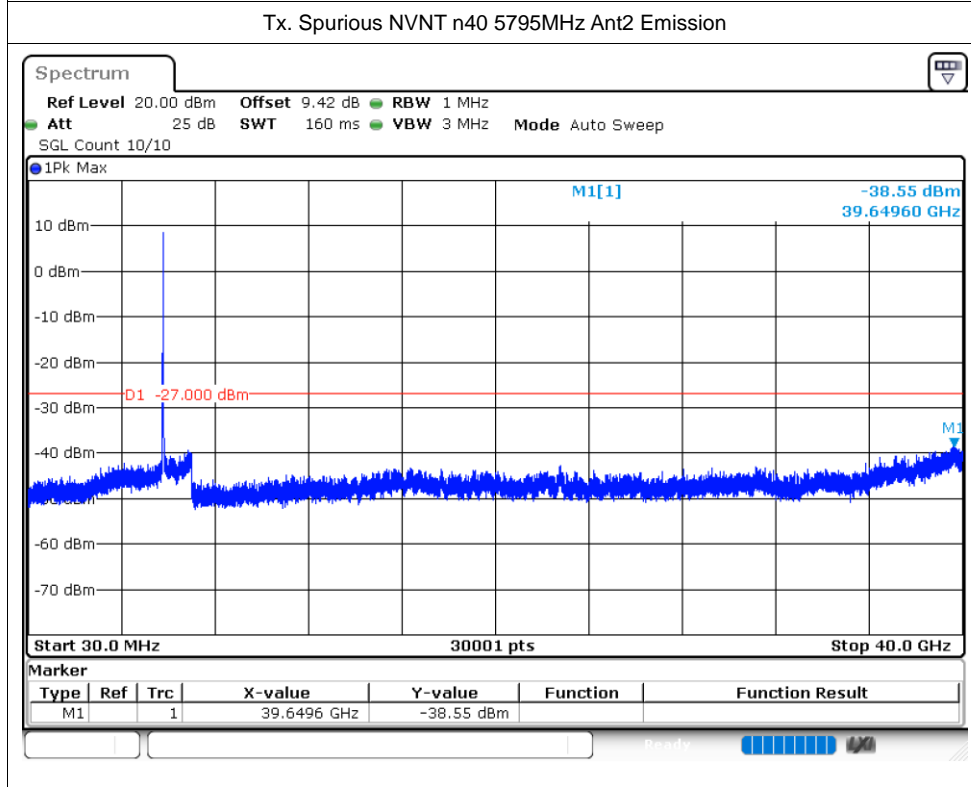
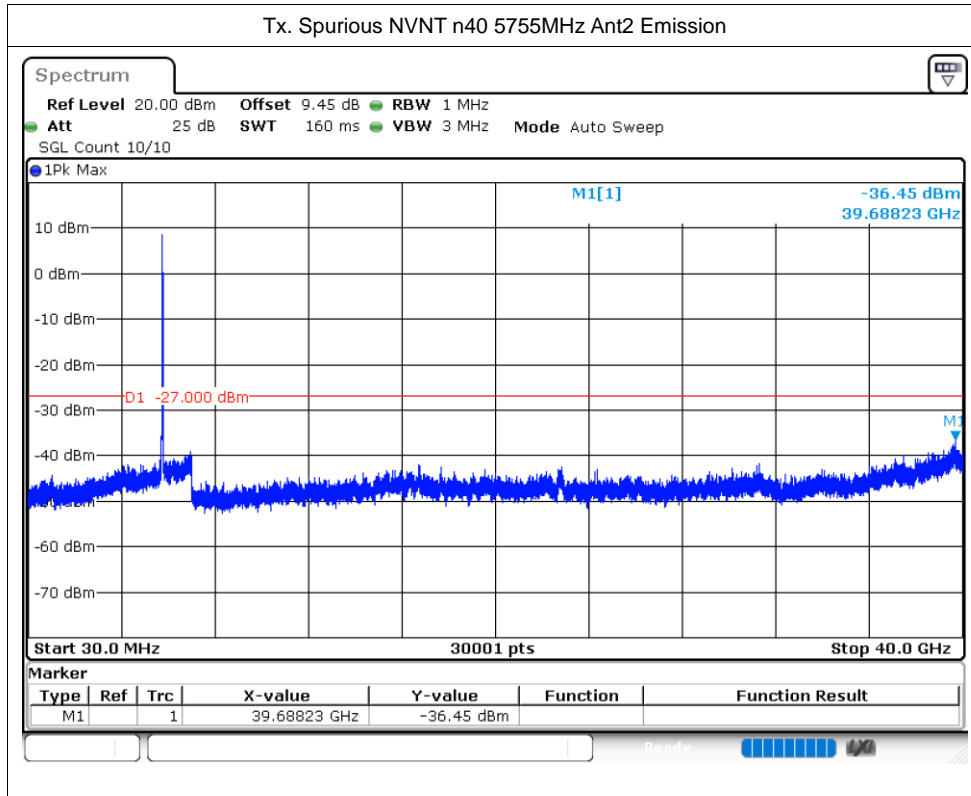


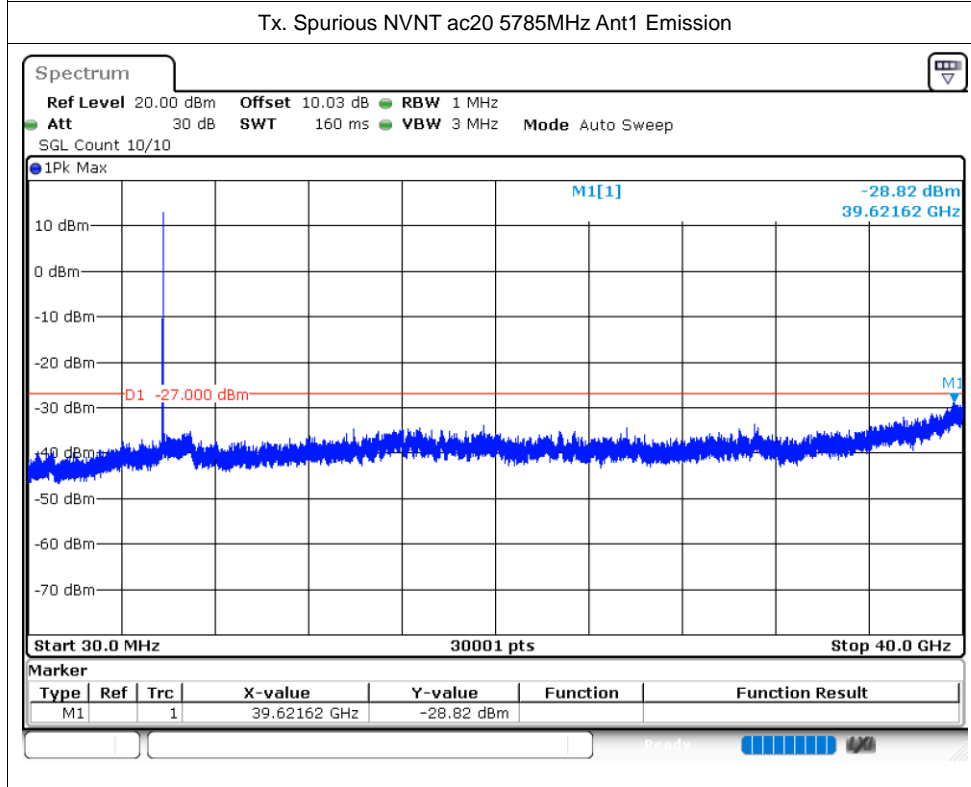
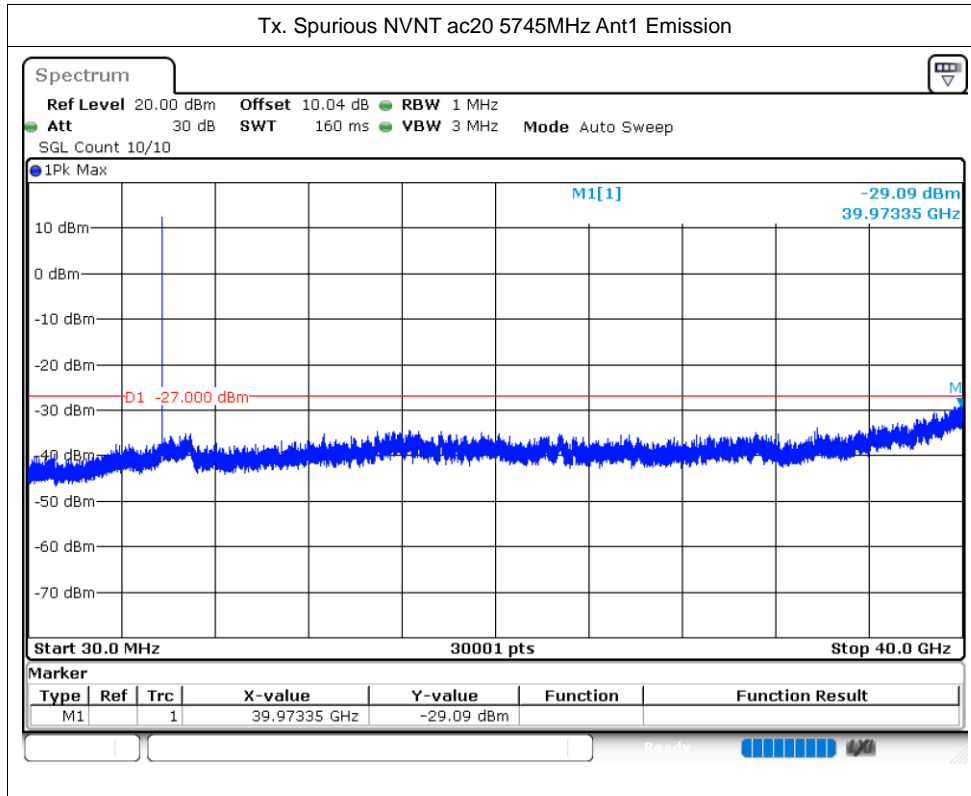


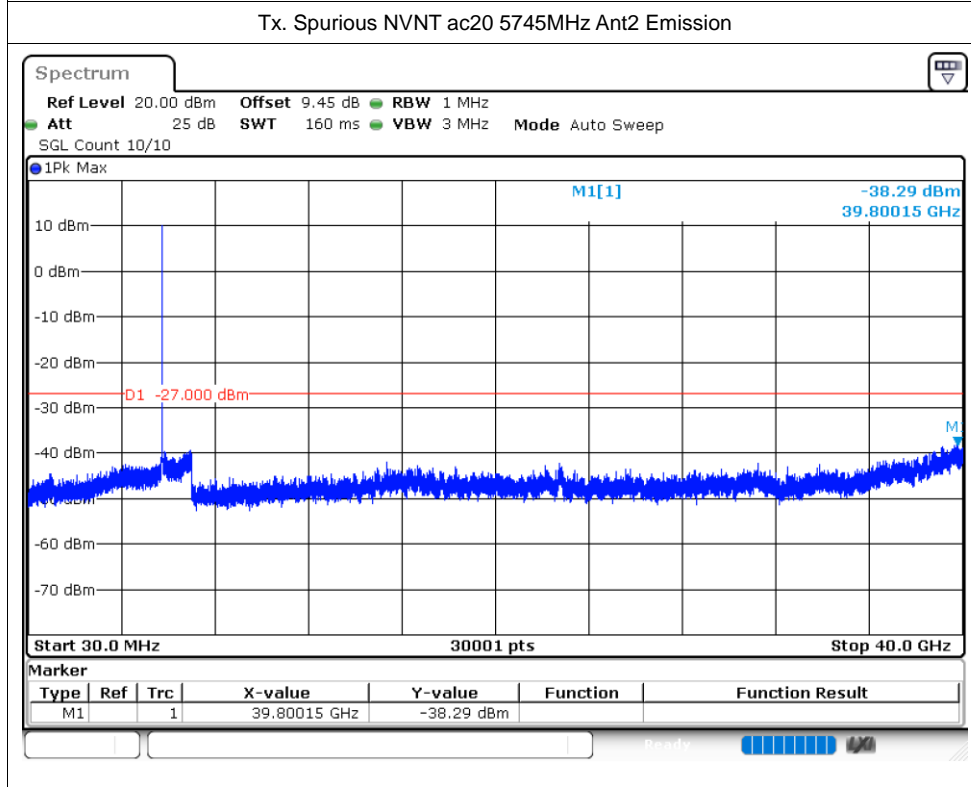
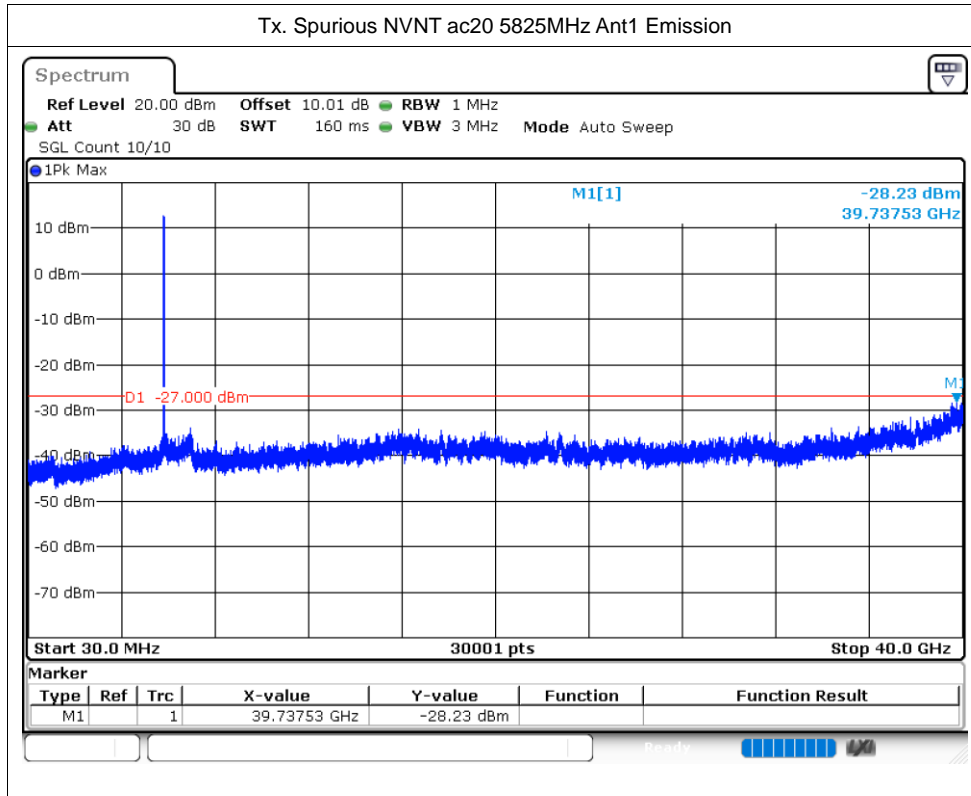


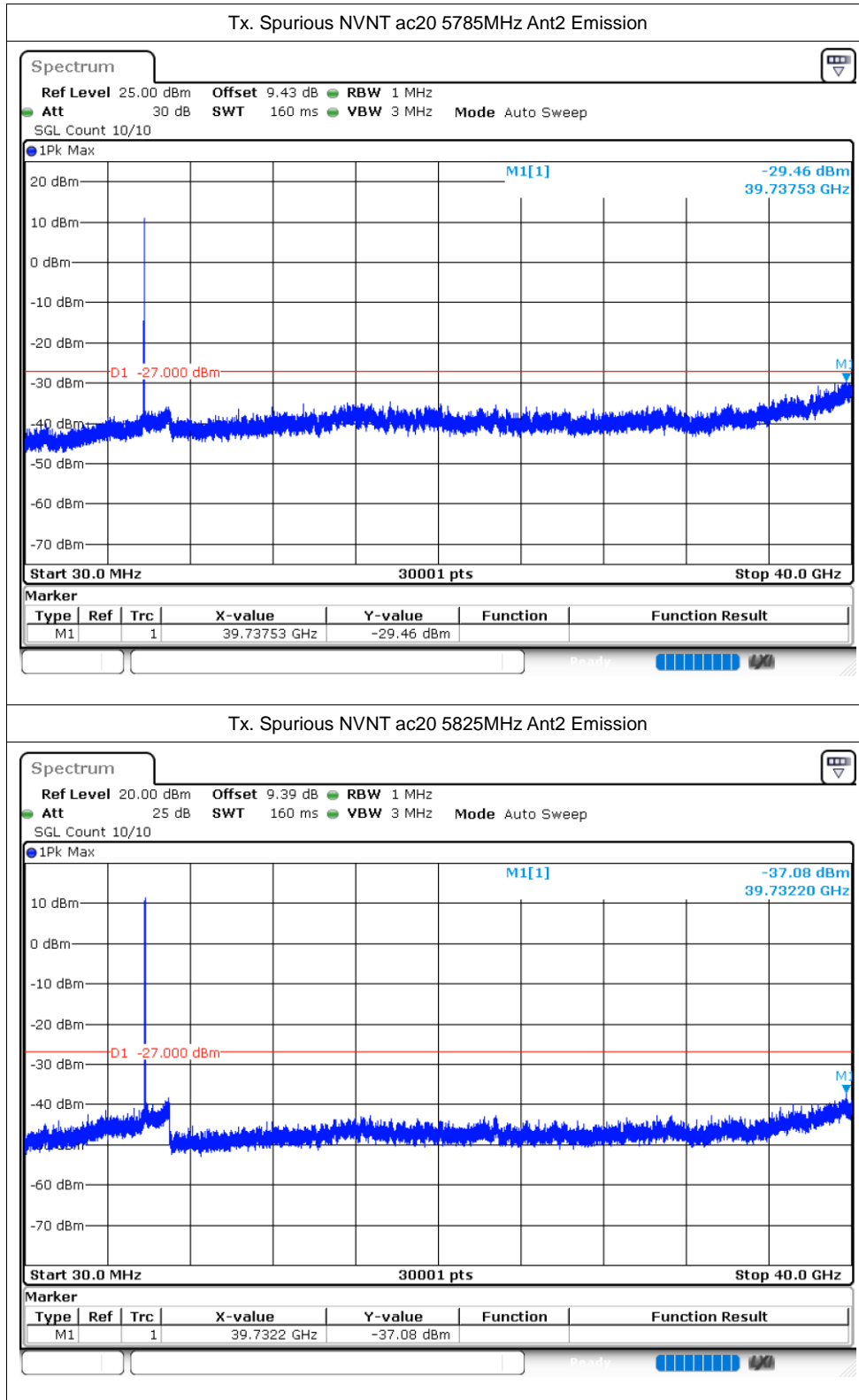


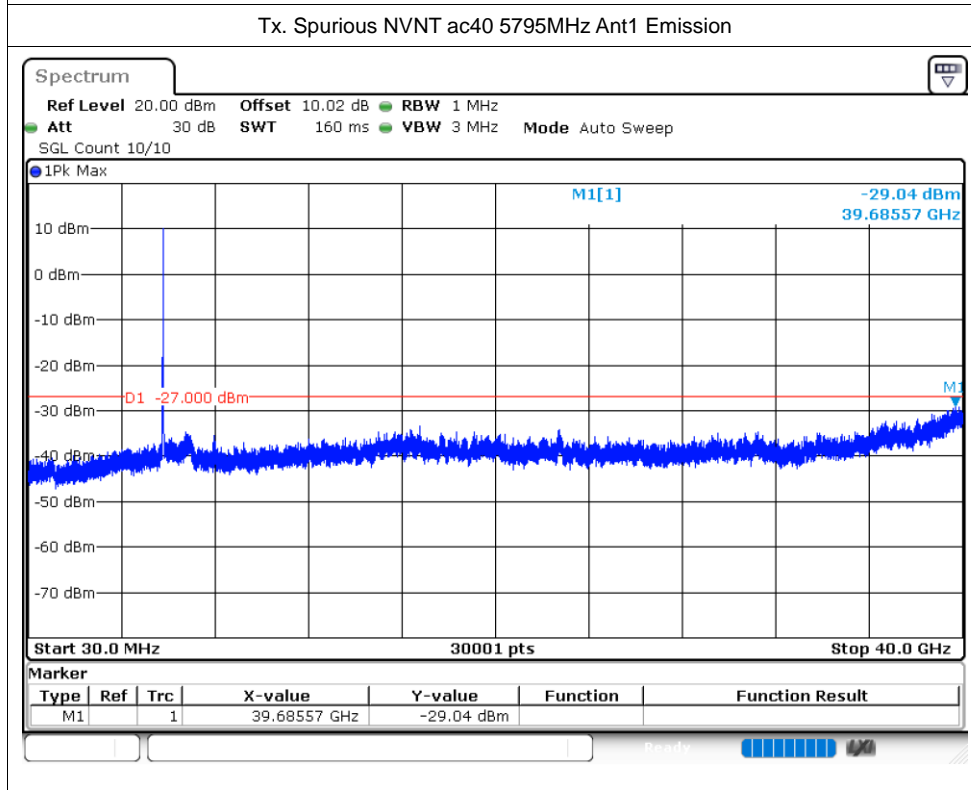
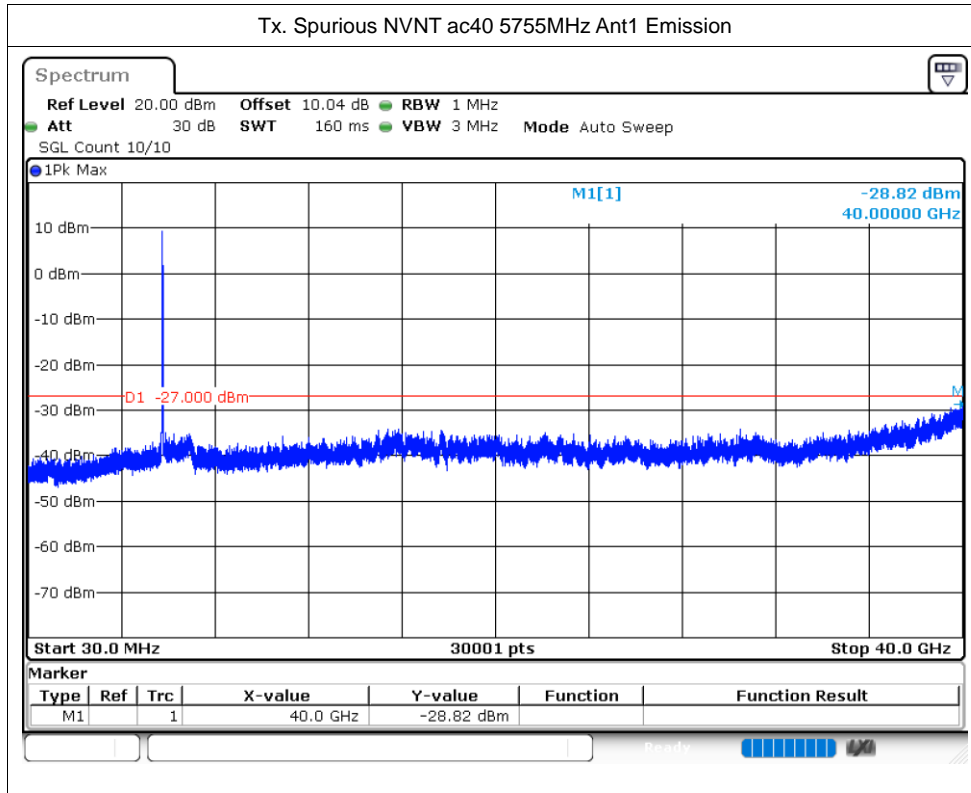


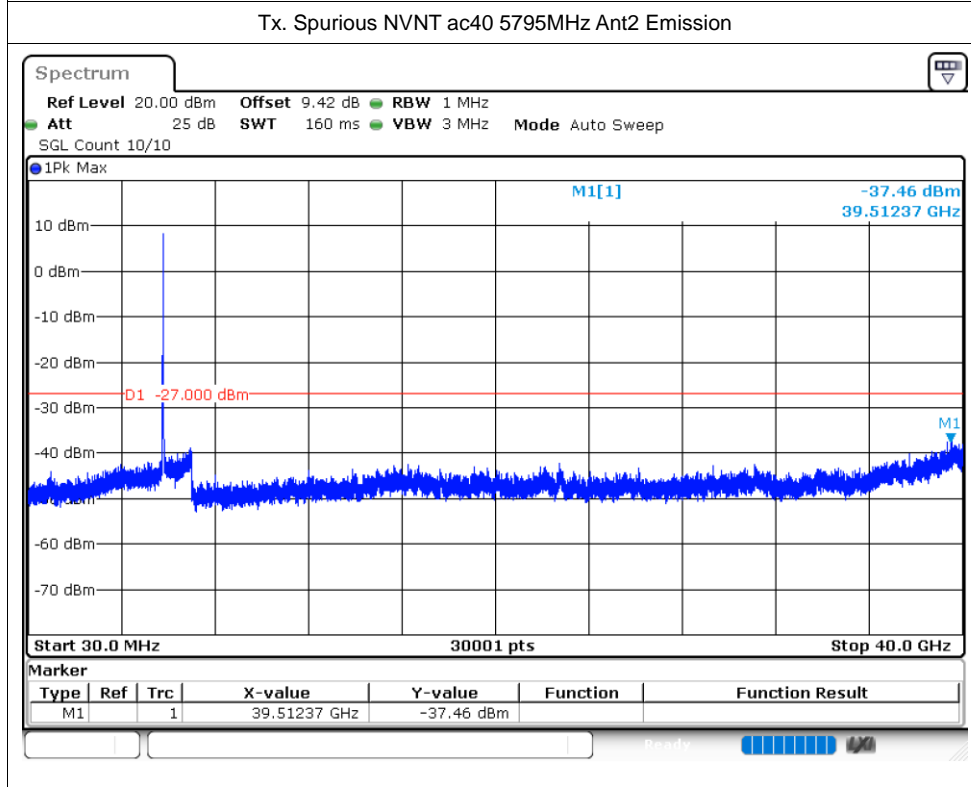
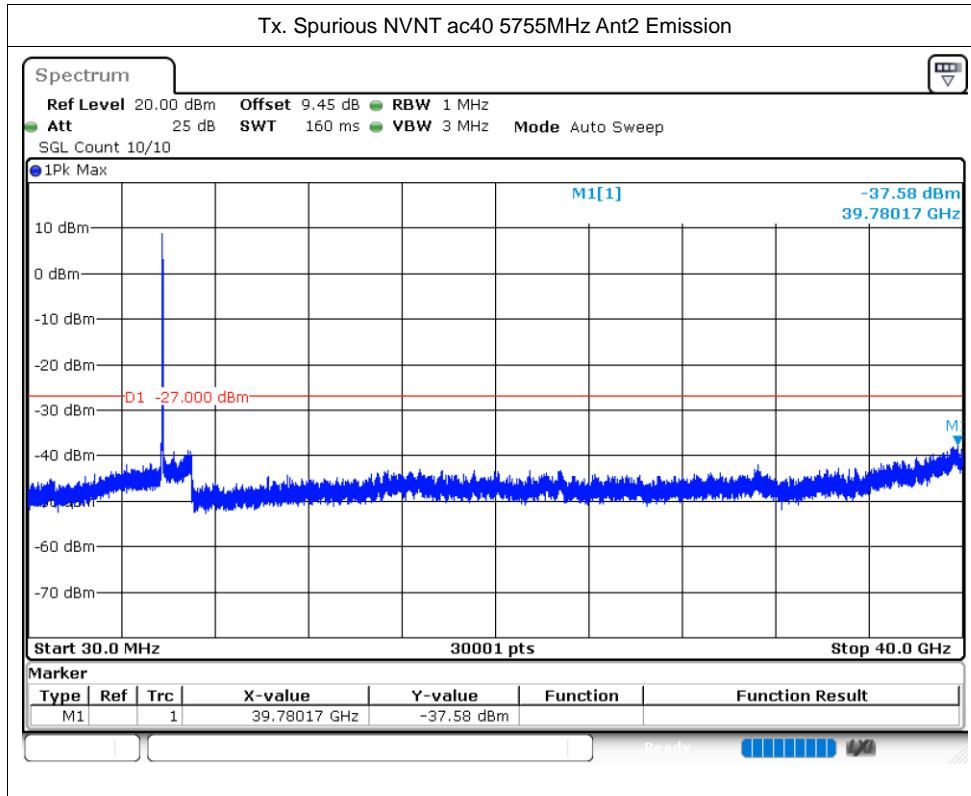


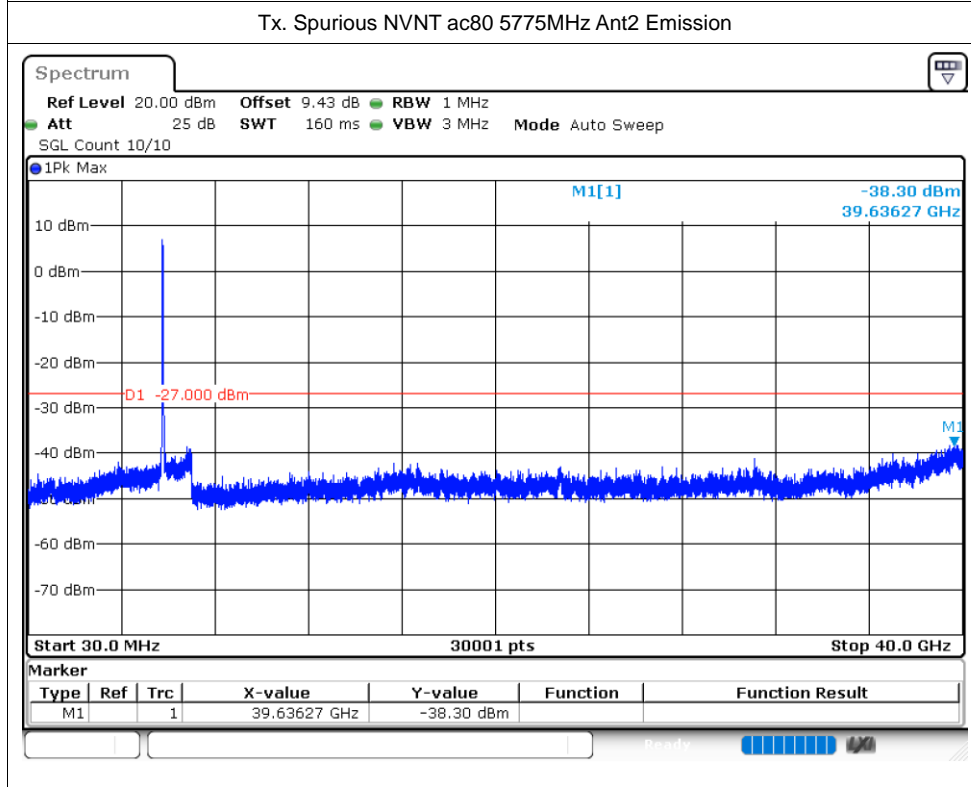
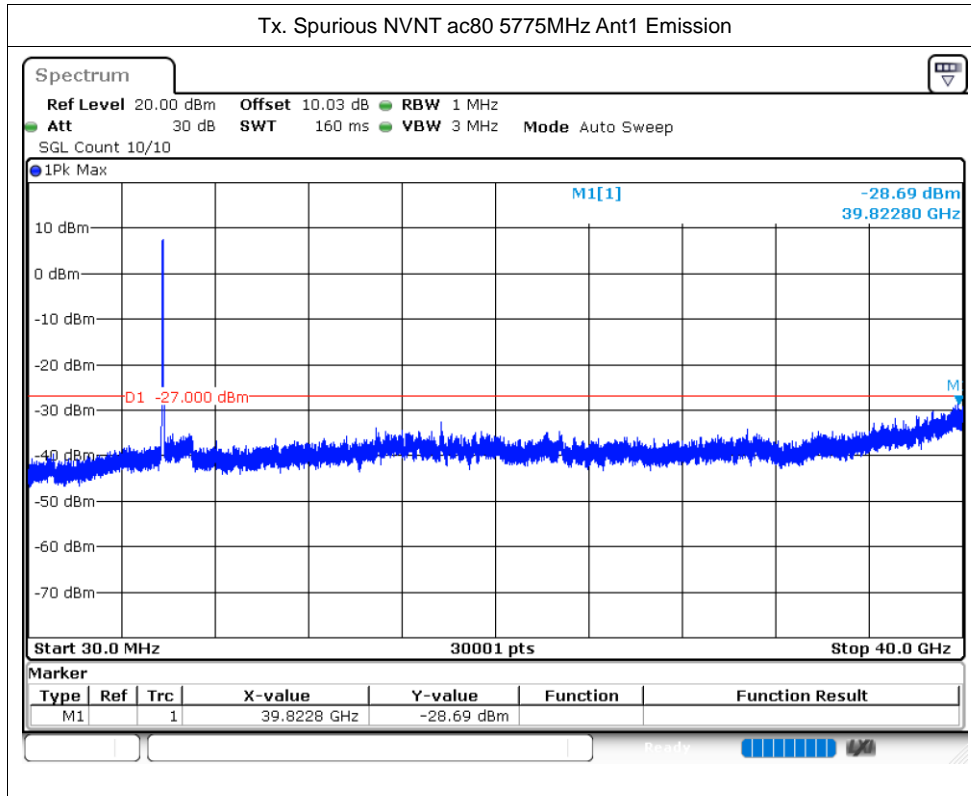


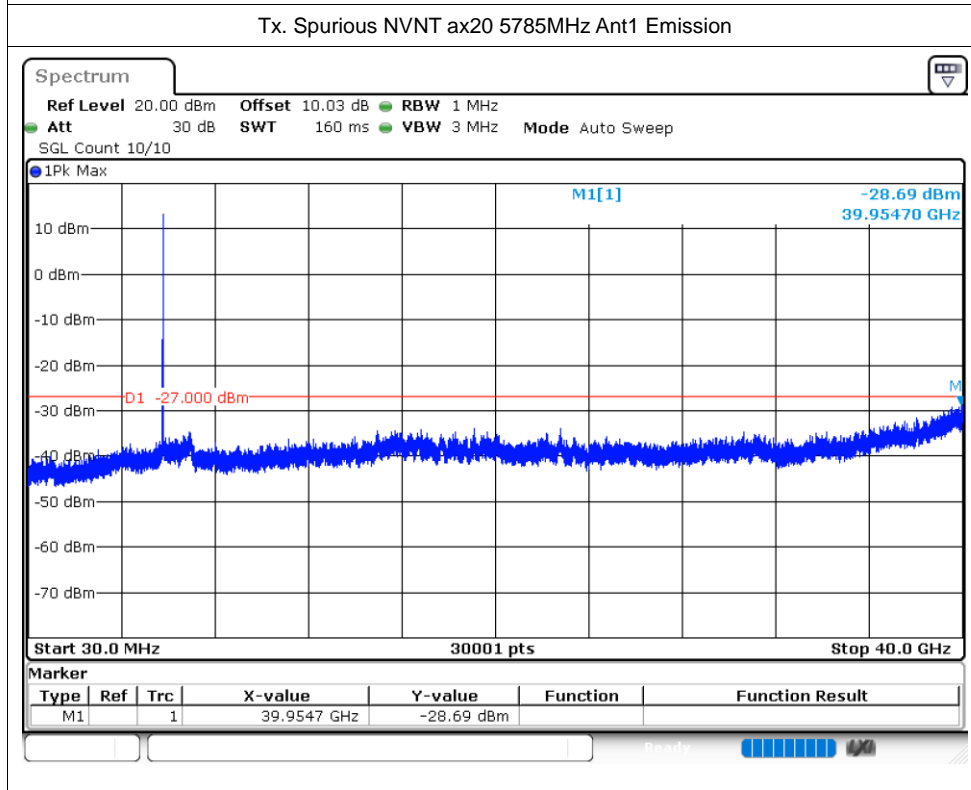
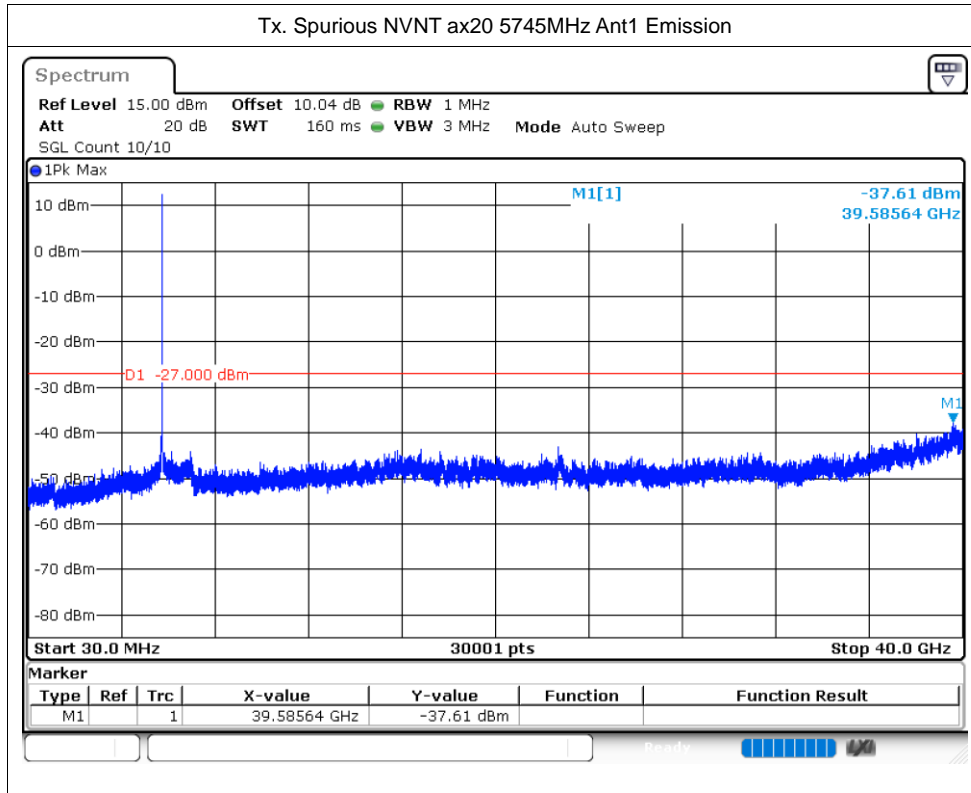


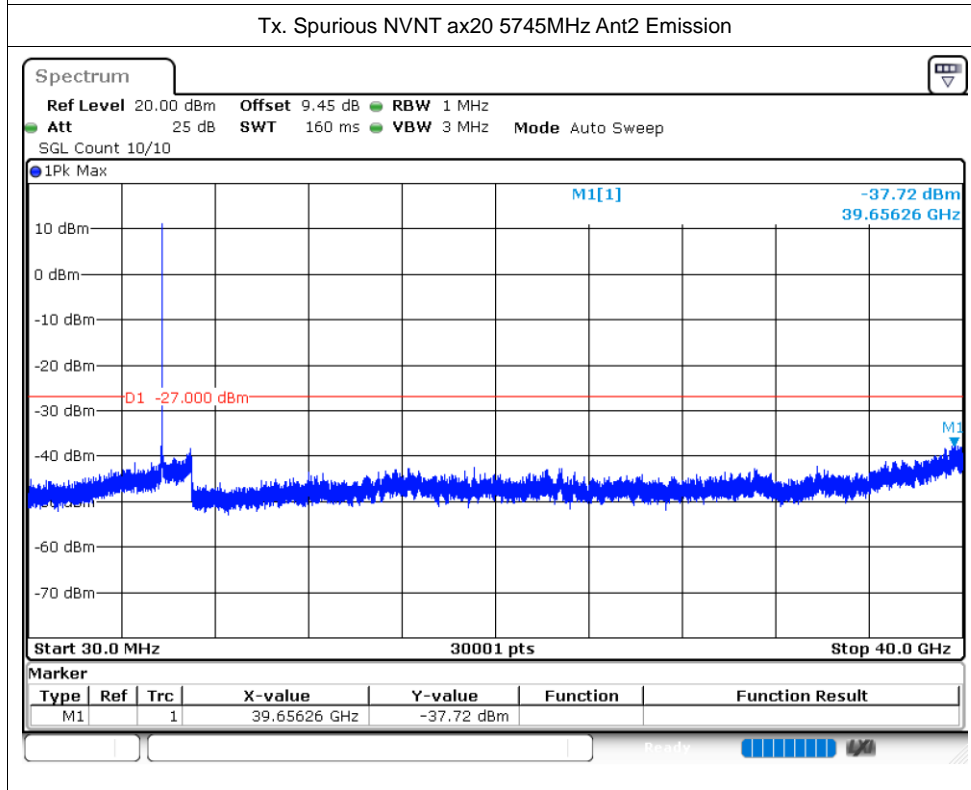
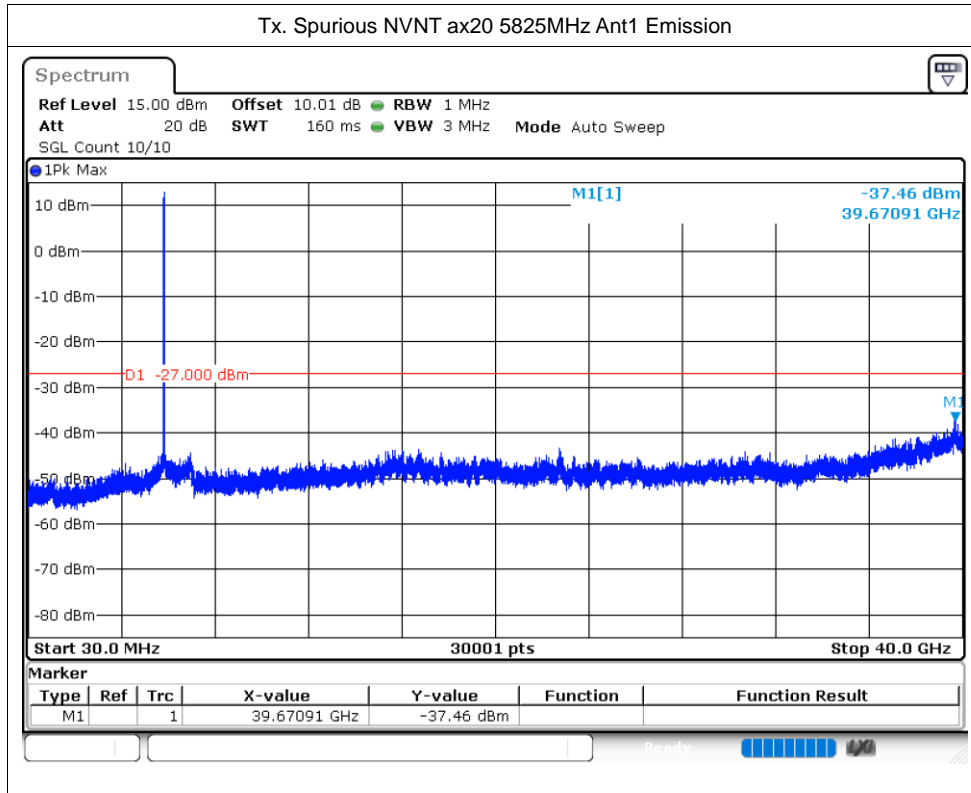


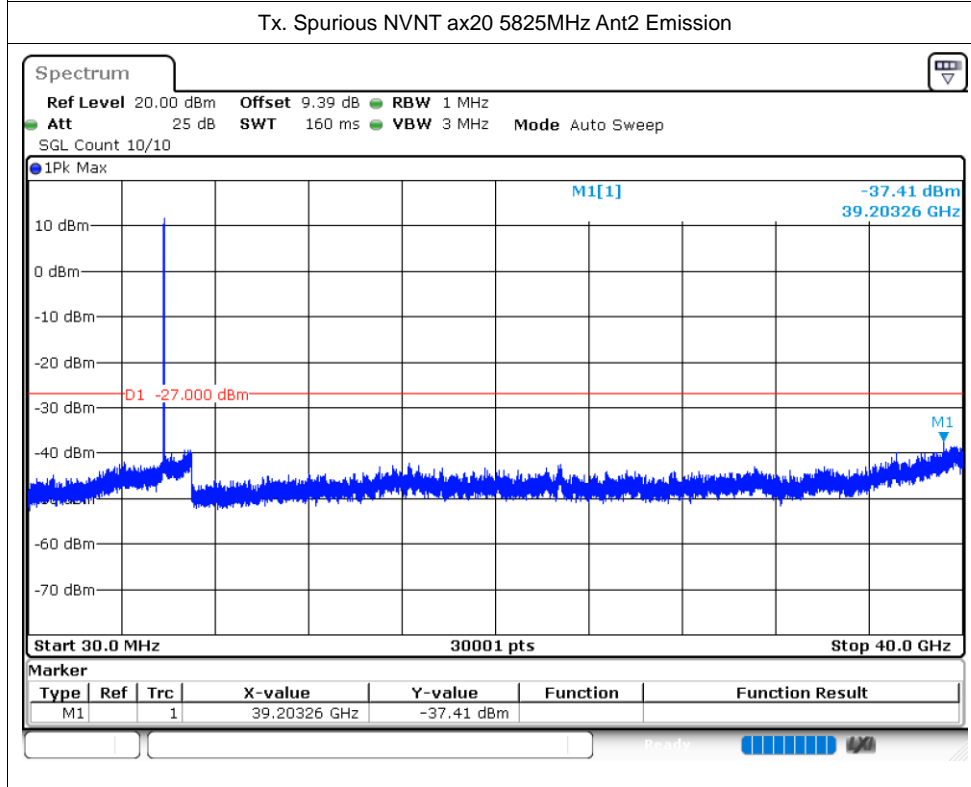
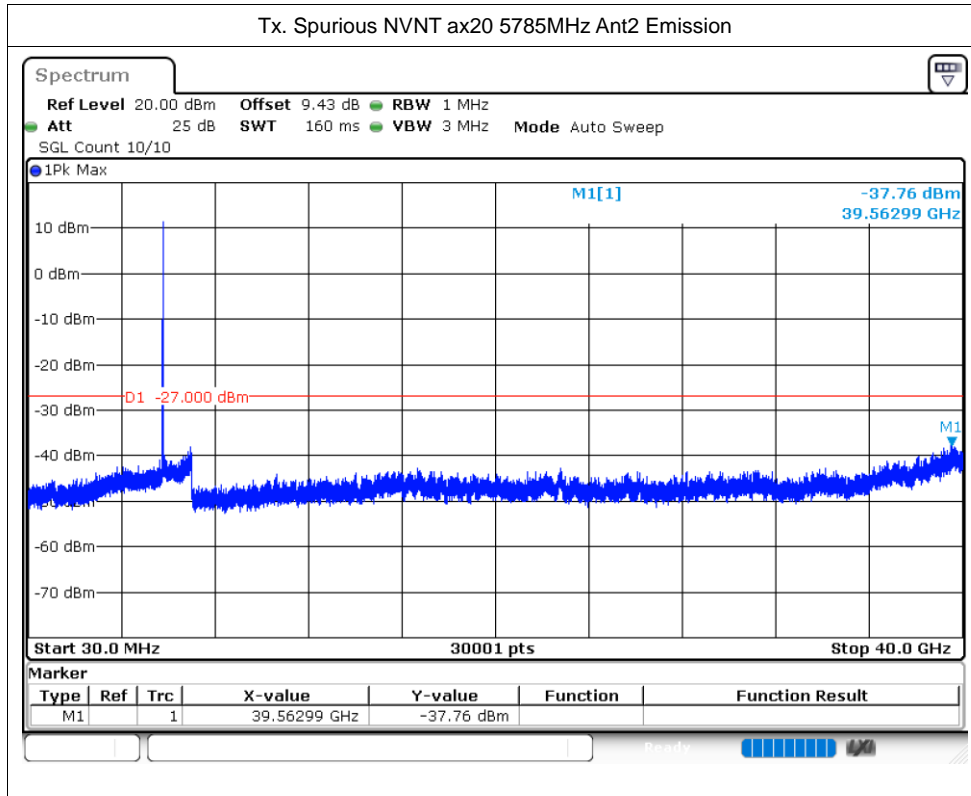


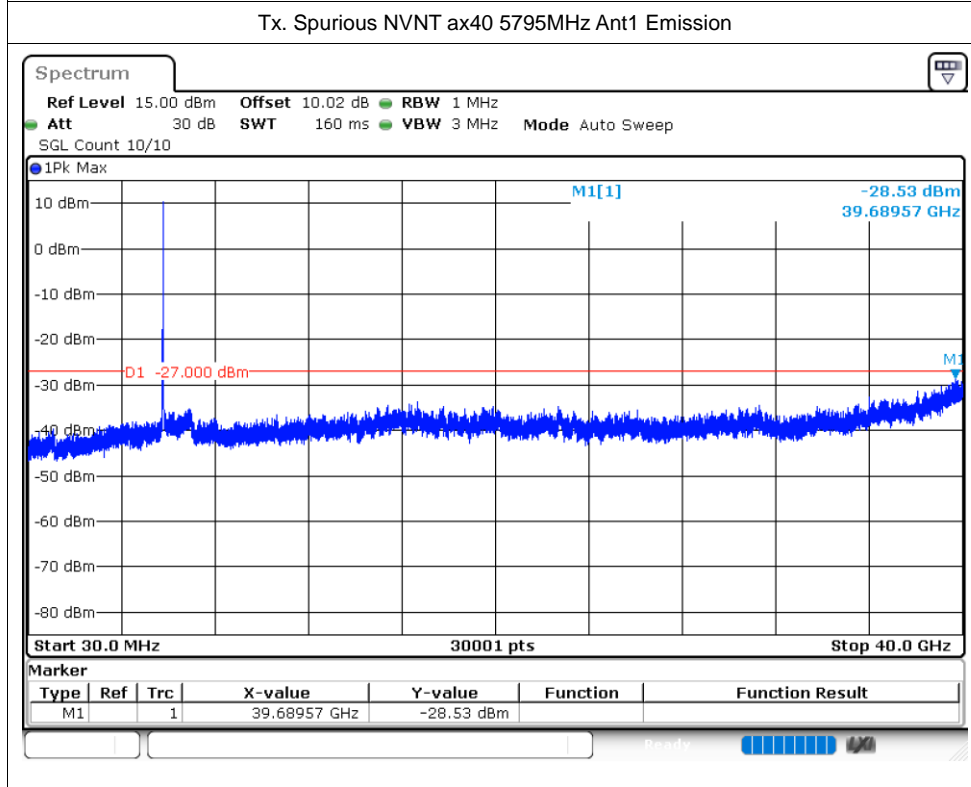
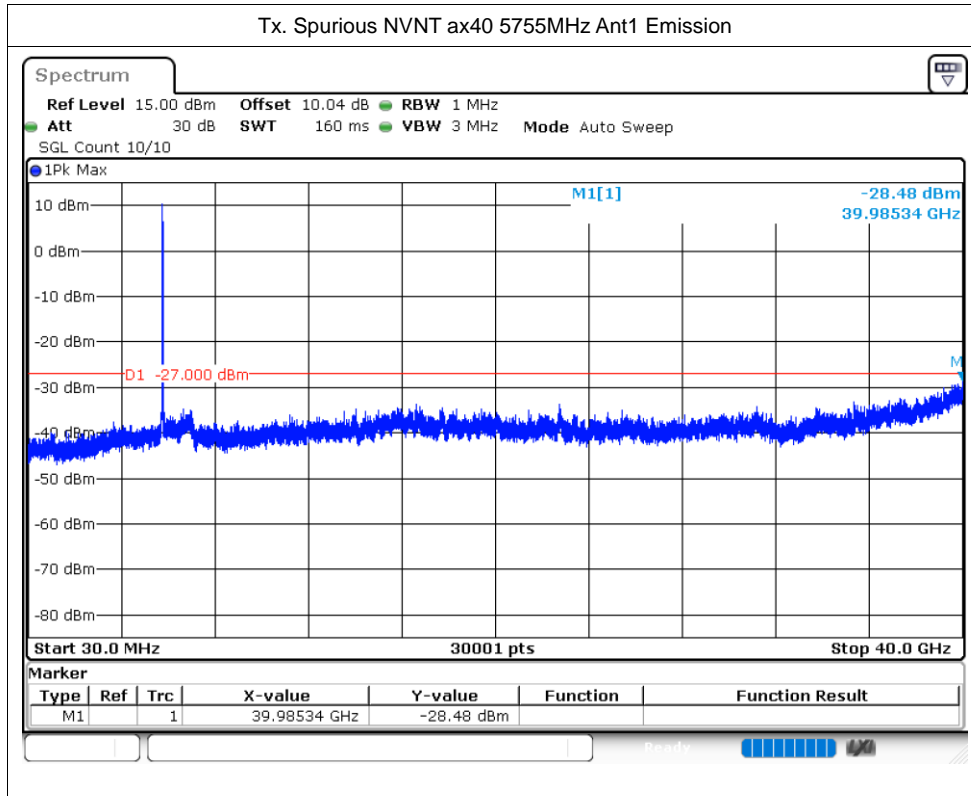


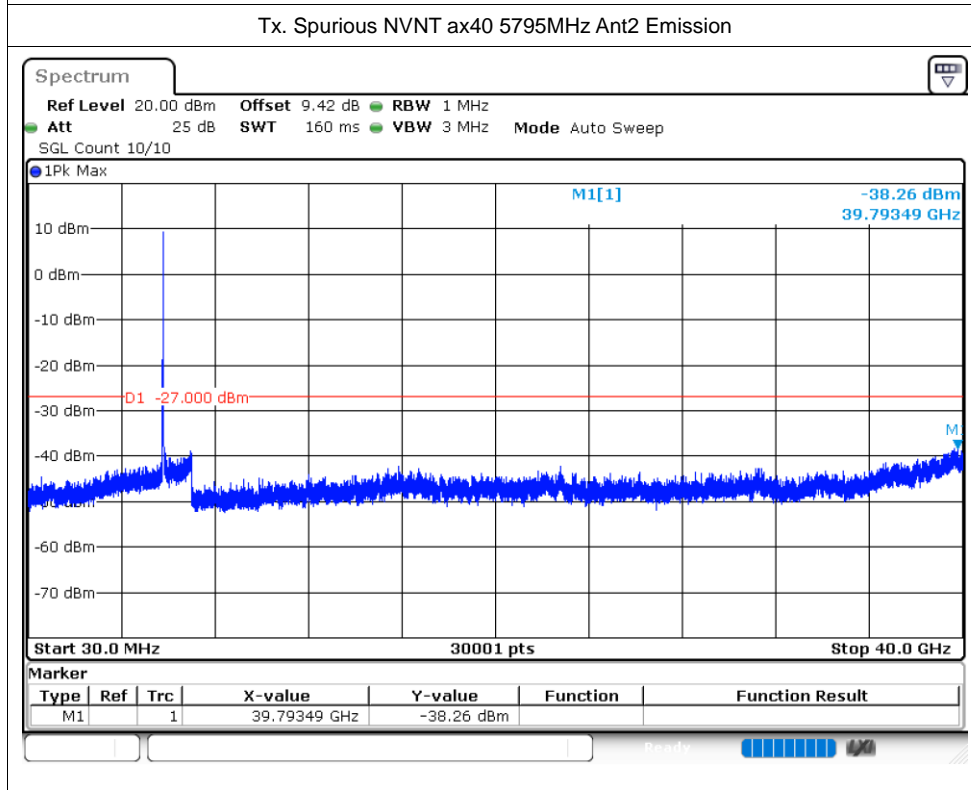
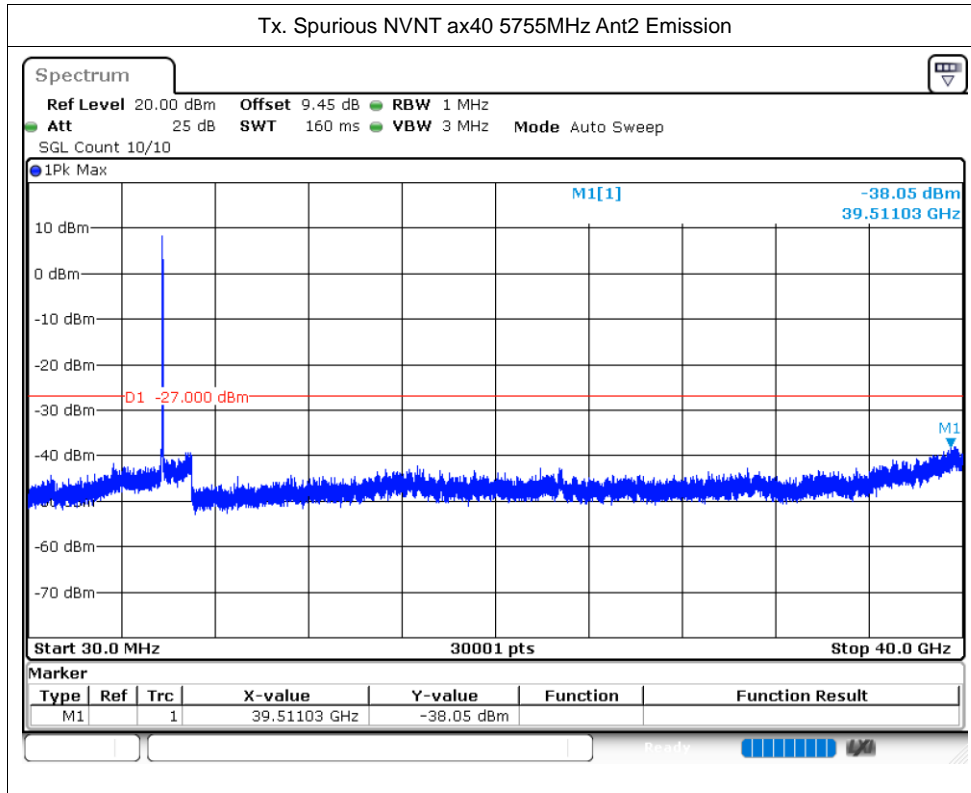


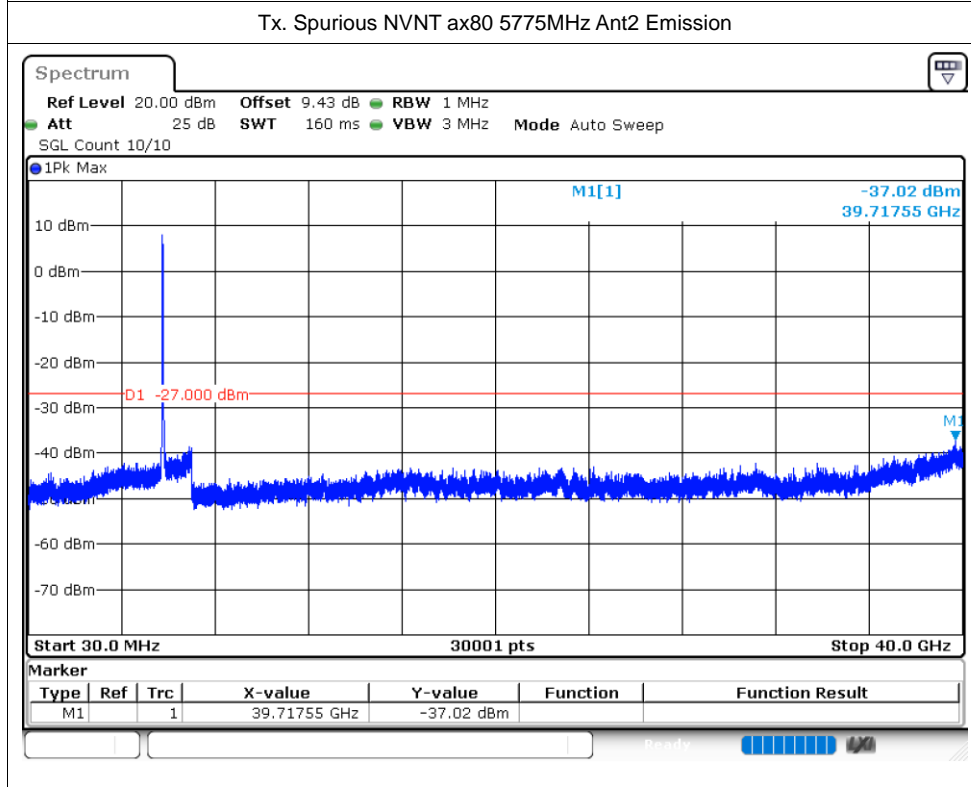
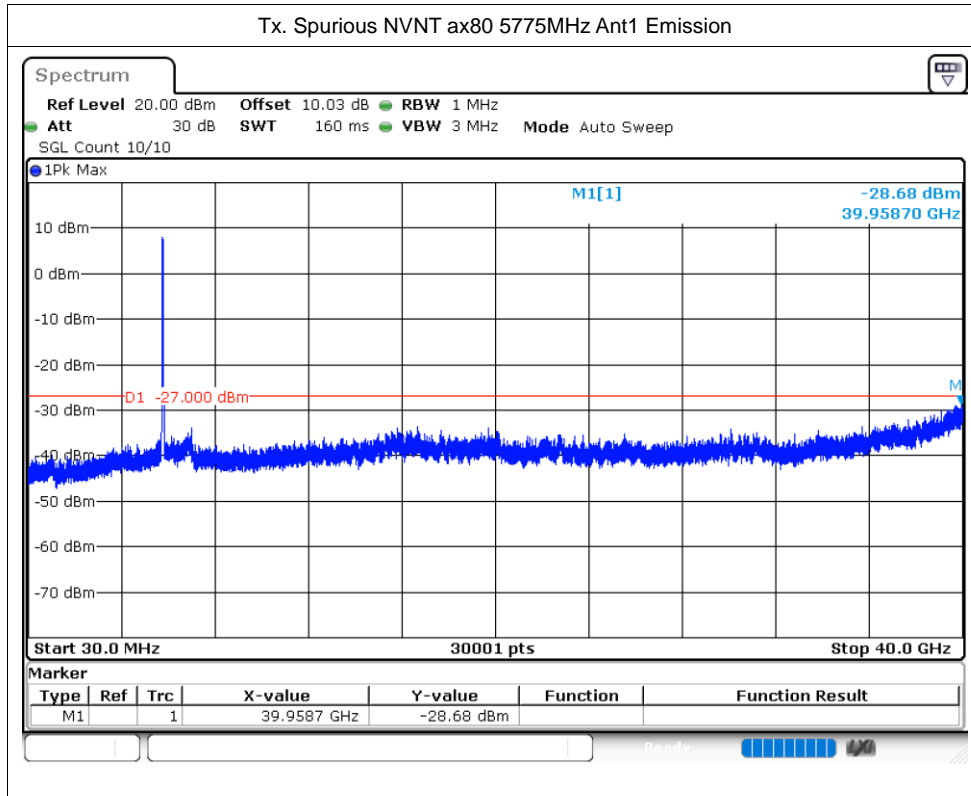










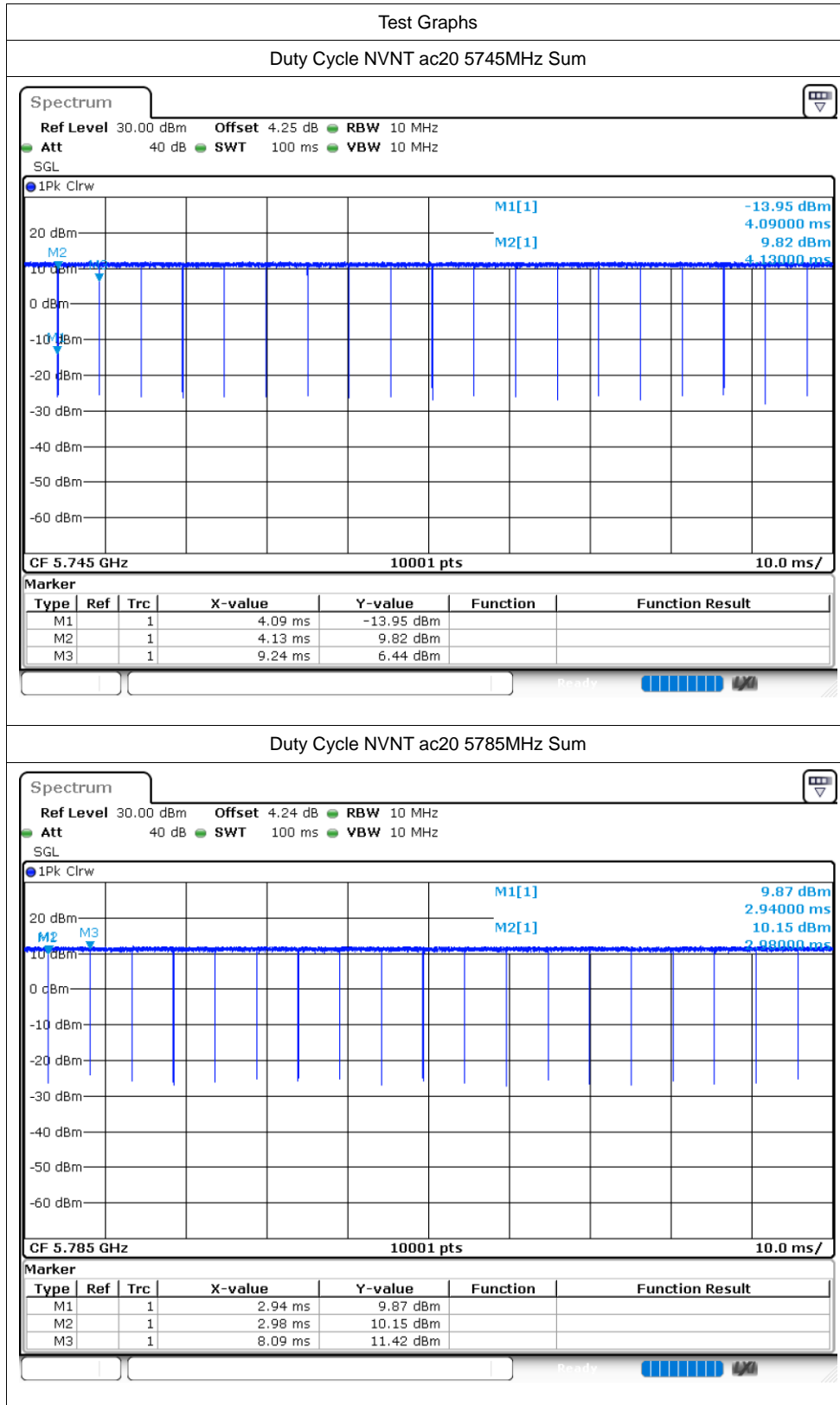


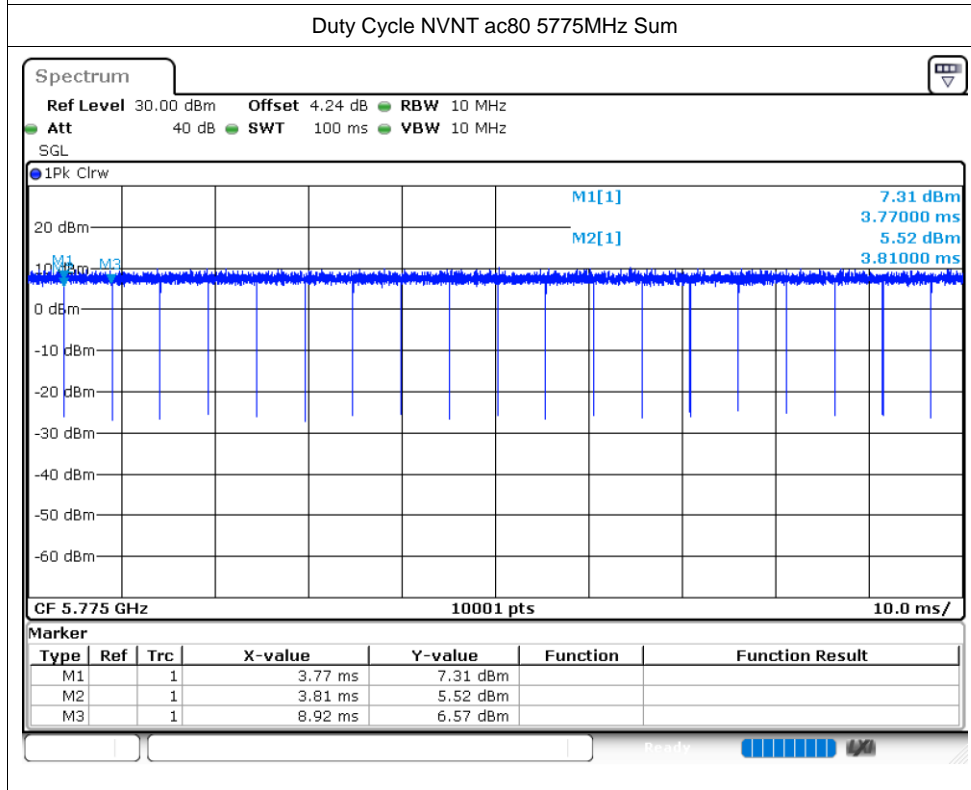
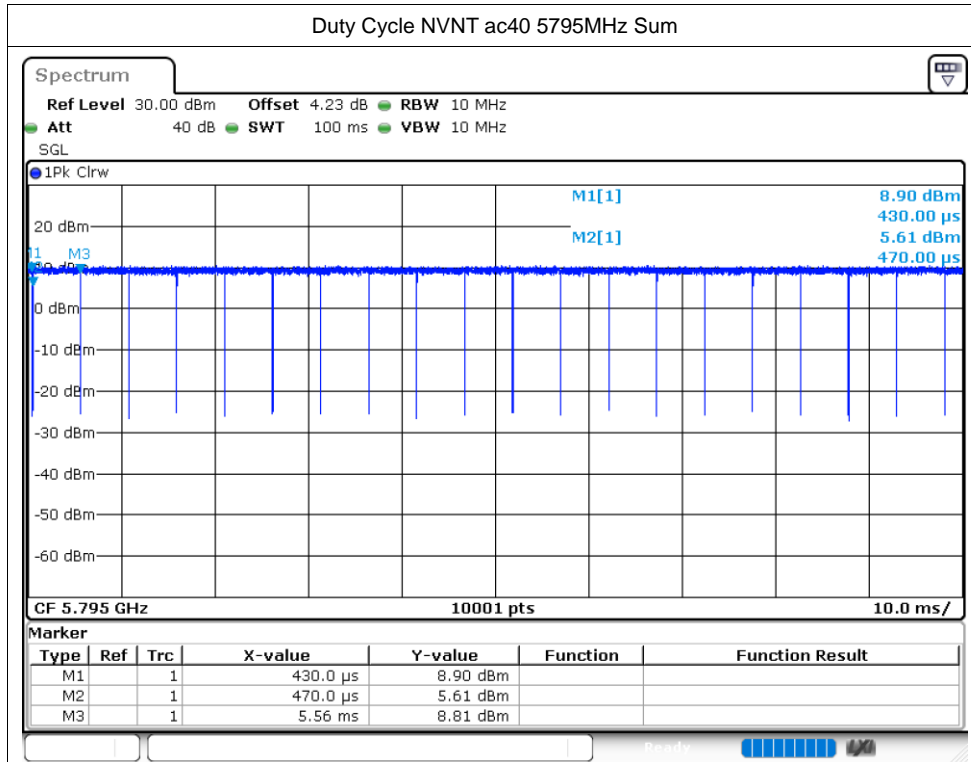
5.8G-MIMO:

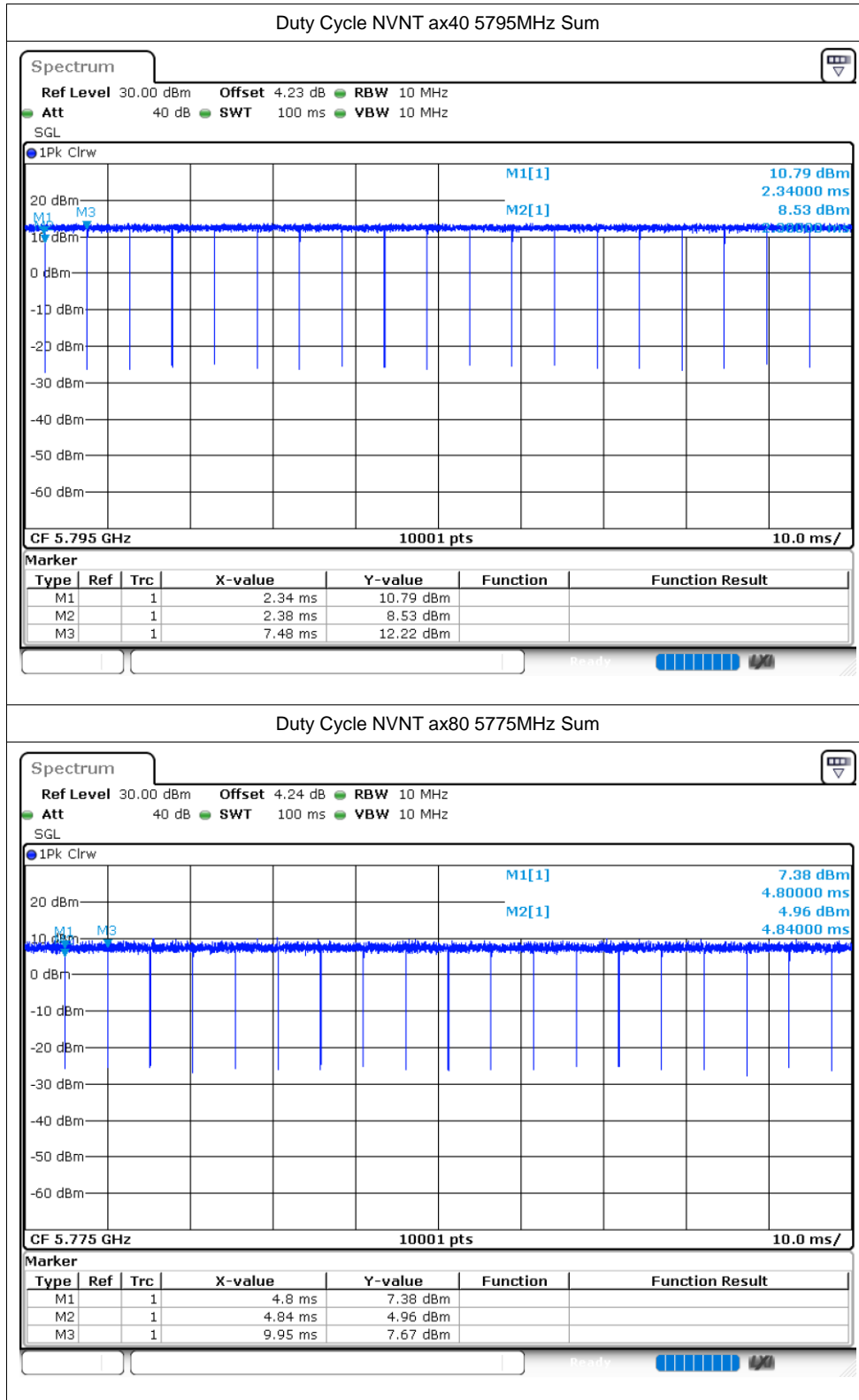
Duty Cycle

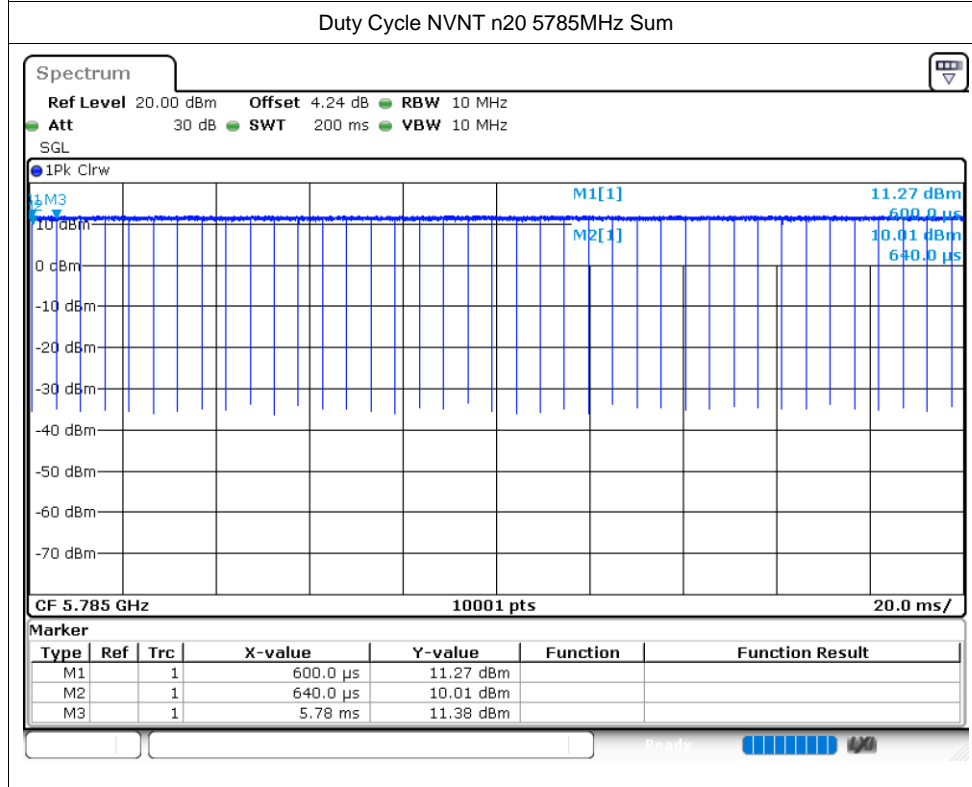
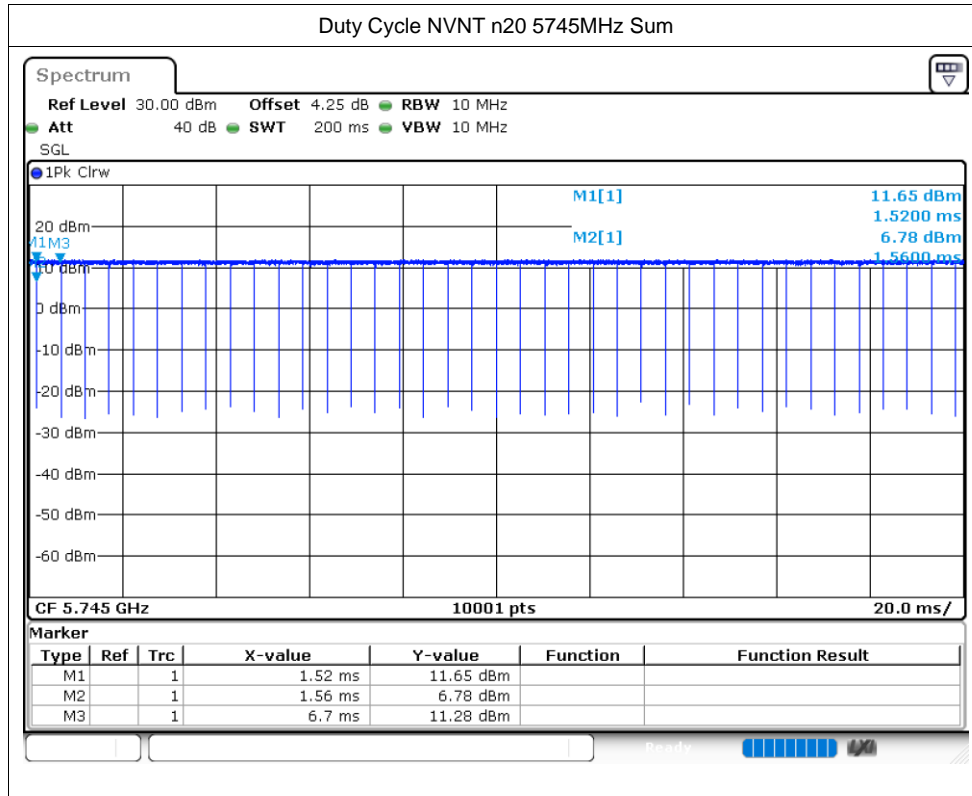
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac20	5745	Ant1	99.38	0.03	0.2
NVNT	ac20	5785	Ant1	99.43	0.02	0.2
NVNT	ac20	5825	Ant1	99.35	0.03	0.2
NVNT	ac40	5755	Ant1	99.36	0.03	0.2
NVNT	ac40	5795	Ant1	99.36	0.03	0.2
NVNT	ac80	5775	Ant1	99.41	0.03	0.2
NVNT	ax20	5745	Ant1	99.36	0.03	0.2
NVNT	ax20	5785	Ant1	99.37	0.03	0.2
NVNT	ax20	5825	Ant1	99.39	0.03	0.2
NVNT	ax40	5755	Ant1	99.39	0.03	0.2
NVNT	ax40	5795	Ant1	99.69	0.01	0.2
NVNT	ax80	5775	Ant1	99.4	0.03	0.2
NVNT	n20	5745	Ant1	99.58	0.02	0.19
NVNT	n20	5785	Ant1	99.57	0.02	0.19
NVNT	n20	5825	Ant1	99.42	0.03	0.19
NVNT	n40	5755	Ant1	99.42	0.03	0.19
NVNT	n40	5795	Ant1	99.38	0.03	0.19

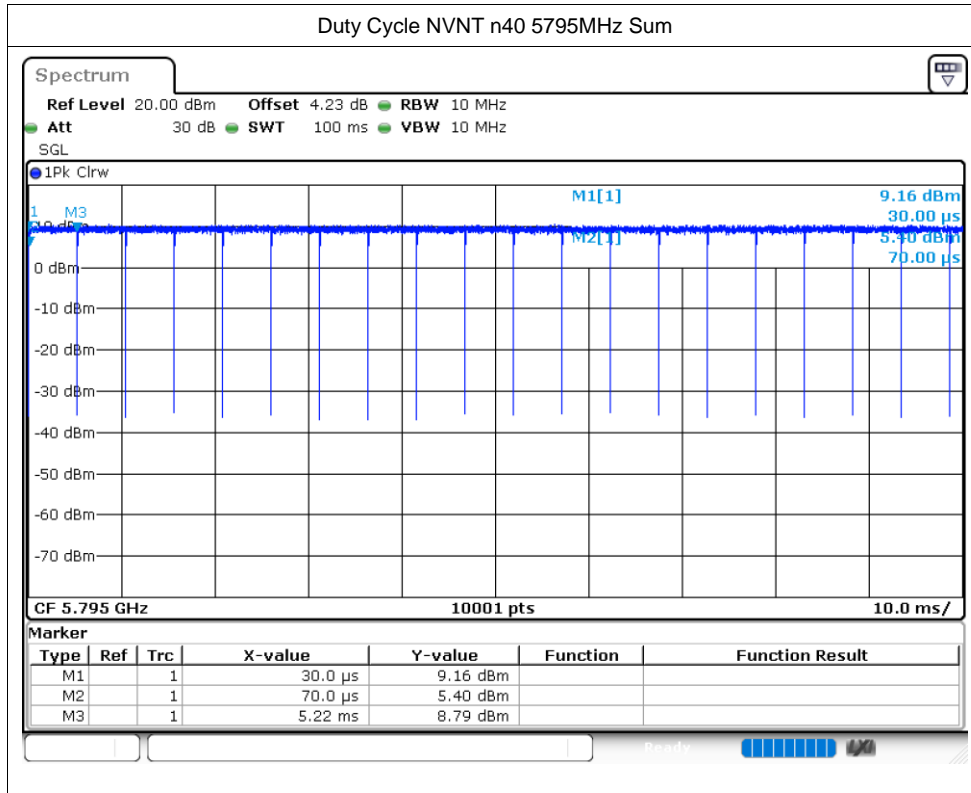
Note: The Correction Factor values measured by ANT1 and ANT2 are the same, and the report only displays ANT1.











Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5745	Ant1	9.75	0.03	9.78	27.49	Pass
NVNT	ac20	5745	Ant2	10.36	0.03	10.39	27.49	Pass
NVNT	ac20	5745	Sum	13.08	0.03	13.11	27.49	Pass
NVNT	ac20	5785	Ant1	10.23	0.02	10.25	27.49	Pass
NVNT	ac20	5785	Ant2	10.58	0.02	10.6	27.49	Pass
NVNT	ac20	5785	Sum	13.42	0.02	13.44	27.49	Pass
NVNT	ac20	5825	Ant1	10.04	0.03	10.07	27.49	Pass
NVNT	ac20	5825	Ant2	10.7	0.03	10.73	27.49	Pass
NVNT	ac20	5825	Sum	13.39	0.03	13.42	27.49	Pass
NVNT	ac40	5755	Ant1	10.11	0.03	10.14	27.49	Pass
NVNT	ac40	5755	Ant2	10.65	0.03	10.68	27.49	Pass
NVNT	ac40	5755	Sum	13.4	0.03	13.43	27.49	Pass
NVNT	ac40	5795	Ant1	10.56	0.03	10.59	27.49	Pass
NVNT	ac40	5795	Ant2	10.87	0.03	10.9	27.49	Pass
NVNT	ac40	5795	Sum	13.73	0.03	13.76	27.49	Pass
NVNT	ac80	5775	Ant1	10.36	0.03	10.39	27.49	Pass
NVNT	ac80	5775	Ant2	10.86	0.03	10.89	27.49	Pass
NVNT	ac80	5775	Sum	13.63	0.03	13.66	27.49	Pass
NVNT	ax20	5745	Ant1	9.62	0.03	9.65	27.49	Pass
NVNT	ax20	5745	Ant2	10.29	0.03	10.32	27.49	Pass
NVNT	ax20	5745	Sum	12.98	0.03	13.01	27.49	Pass
NVNT	ax20	5785	Ant1	10.02	0.03	10.05	27.49	Pass
NVNT	ax20	5785	Ant2	10.47	0.03	10.5	27.49	Pass
NVNT	ax20	5785	Sum	13.26	0.03	13.29	27.49	Pass
NVNT	ax20	5825	Ant1	9.81	0.03	9.84	27.49	Pass
NVNT	ax20	5825	Ant2	10.64	0.03	10.67	27.49	Pass
NVNT	ax20	5825	Sum	13.26	0.03	13.29	27.49	Pass
NVNT	ax40	5755	Ant1	9.71	0.03	9.74	27.49	Pass
NVNT	ax40	5755	Ant2	10.35	0.03	10.38	27.49	Pass
NVNT	ax40	5755	Sum	13.05	0.03	13.08	27.49	Pass
NVNT	ax40	5795	Ant1	10.16	0.01	10.17	27.49	Pass
NVNT	ax40	5795	Ant2	10.64	0.01	10.65	27.49	Pass
NVNT	ax40	5795	Sum	13.42	0.01	13.43	27.49	Pass
NVNT	ax80	5775	Ant1	10.04	0.03	10.07	27.49	Pass
NVNT	ax80	5775	Ant2	10.62	0.03	10.65	27.49	Pass
NVNT	ax80	5775	Sum	13.35	0.03	13.38	27.49	Pass
NVNT	n20	5745	Ant1	9.83	0.02	9.85	27.49	Pass
NVNT	n20	5745	Ant2	10.35	0.02	10.37	27.49	Pass
NVNT	n20	5745	Sum	13.11	0.02	13.13	27.49	Pass

NVNT	n20	5785	Ant1	10.21	0.02	10.23	27.49	Pass
NVNT	n20	5785	Ant2	10.58	0.02	10.6	27.49	Pass
NVNT	n20	5785	Sum	13.41	0.02	13.43	27.49	Pass
NVNT	n20	5825	Ant1	10.02	0.03	10.05	27.49	Pass
NVNT	n20	5825	Ant2	10.7	0.03	10.73	27.49	Pass
NVNT	n20	5825	Sum	13.38	0.03	13.41	27.49	Pass
NVNT	n40	5755	Ant1	10.02	0.03	10.05	27.49	Pass
NVNT	n40	5755	Ant2	10.56	0.03	10.59	27.49	Pass
NVNT	n40	5755	Sum	13.31	0.03	13.34	27.49	Pass
NVNT	n40	5795	Ant1	10.46	0.03	10.49	27.49	Pass
NVNT	n40	5795	Ant2	10.8	0.03	10.83	27.49	Pass
NVNT	n40	5795	Sum	13.64	0.03	13.67	27.49	Pass

Note: Band3 For 802.11n/ac 5GHz has MIMO mode. Directional gain=8.51dbi

$8.51 \text{ dBi} > 6.0 \text{ dBi}$ so power limit= $30.00 - (8.51 - 6) = 27.49$ in dBm

Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5745	Ant1	-8.01	0.03	-7.98	27.49	Pass
NVNT	ac20	5745	Ant2	-7.29	0.03	-7.26	27.49	Pass
NVNT	ac20	5745	Sum	-4.62	0.03	-4.59	27.49	Pass
NVNT	ac20	5785	Ant1	-7.92	0.02	-7.9	27.49	Pass
NVNT	ac20	5785	Ant2	-7.73	0.02	-7.71	27.49	Pass
NVNT	ac20	5785	Sum	-4.81	0.02	-4.79	27.49	Pass
NVNT	ac20	5825	Ant1	-8.28	0.03	-8.25	27.49	Pass
NVNT	ac20	5825	Ant2	-7.77	0.03	-7.74	27.49	Pass
NVNT	ac20	5825	Sum	-5.01	0.03	-4.98	27.49	Pass
NVNT	ac40	5755	Ant1	-10.62	0.03	-10.59	27.49	Pass
NVNT	ac40	5755	Ant2	-10.29	0.03	-10.26	27.49	Pass
NVNT	ac40	5755	Sum	-7.44	0.03	-7.41	27.49	Pass
NVNT	ac40	5795	Ant1	-9.39	0.03	-9.36	27.49	Pass
NVNT	ac40	5795	Ant2	-10.38	0.03	-10.35	27.49	Pass
NVNT	ac40	5795	Sum	-6.85	0.03	-6.82	27.49	Pass
NVNT	ac80	5775	Ant1	-12.77	0.03	-12.74	27.49	Pass
NVNT	ac80	5775	Ant2	-12.79	0.03	-12.76	27.49	Pass
NVNT	ac80	5775	Sum	-9.77	0.03	-9.74	27.49	Pass
NVNT	ax20	5745	Ant1	-8.71	0.03	-8.68	27.49	Pass
NVNT	ax20	5745	Ant2	-7.84	0.03	-7.81	27.49	Pass
NVNT	ax20	5745	Sum	-5.24	0.03	-5.21	27.49	Pass
NVNT	ax20	5785	Ant1	-8.4	0.03	-8.37	27.49	Pass
NVNT	ax20	5785	Ant2	-8.1	0.03	-8.07	27.49	Pass
NVNT	ax20	5785	Sum	-5.24	0.03	-5.21	27.49	Pass
NVNT	ax20	5825	Ant1	-8.79	0.03	-8.76	27.49	Pass
NVNT	ax20	5825	Ant2	-8.31	0.03	-8.28	27.49	Pass
NVNT	ax20	5825	Sum	-5.53	0.03	-5.5	27.49	Pass
NVNT	ax40	5755	Ant1	-11.41	0.03	-11.38	27.49	Pass
NVNT	ax40	5755	Ant2	-10.88	0.03	-10.85	27.49	Pass
NVNT	ax40	5755	Sum	-8.13	0.03	-8.1	27.49	Pass
NVNT	ax40	5795	Ant1	-9.8	0.02	-9.78	27.49	Pass
NVNT	ax40	5795	Ant2	-11	0.02	-10.98	27.49	Pass
NVNT	ax40	5795	Sum	-7.35	0.02	-7.33	27.49	Pass
NVNT	ax80	5775	Ant1	-13.53	0.03	-13.5	27.49	Pass
NVNT	ax80	5775	Ant2	-13.17	0.03	-13.14	27.49	Pass
NVNT	ax80	5775	Sum	-10.34	0.03	-10.31	27.49	Pass
NVNT	n20	5745	Ant1	-8.22	0.02	-8.2	27.49	Pass
NVNT	n20	5745	Ant2	-7.31	0.02	-7.29	27.49	Pass
NVNT	n20	5745	Sum	-4.73	0.02	-4.71	27.49	Pass
NVNT	n20	5785	Ant1	-7.72	0.02	-7.7	27.49	Pass

NVNT	n20	5785	Ant2	-7.5	0.02	-7.48	27.49	Pass
NVNT	n20	5785	Sum	-4.6	0.02	-4.58	27.49	Pass
NVNT	n20	5825	Ant1	-8.07	0.03	-8.04	27.49	Pass
NVNT	n20	5825	Ant2	-7.54	0.03	-7.51	27.49	Pass
NVNT	n20	5825	Sum	-4.79	0.03	-4.76	27.49	Pass
NVNT	n40	5755	Ant1	-10.62	0.03	-10.59	27.49	Pass
NVNT	n40	5755	Ant2	-10.47	0.03	-10.44	27.49	Pass
NVNT	n40	5755	Sum	-7.53	0.03	-7.5	27.49	Pass
NVNT	n40	5795	Ant1	-9.2	0.03	-9.17	27.49	Pass
NVNT	n40	5795	Ant2	-10.24	0.03	-10.21	27.49	Pass
NVNT	n40	5795	Sum	-6.68	0.03	-6.65	27.49	Pass

Note: Band3 For 802.11n/ac 5GHz has MIMO mode. Directional gain=8.51dbi

8.51dbi > 6.0dbi so power limit is limit=30-(8.51-6)=27.49 in dBm

