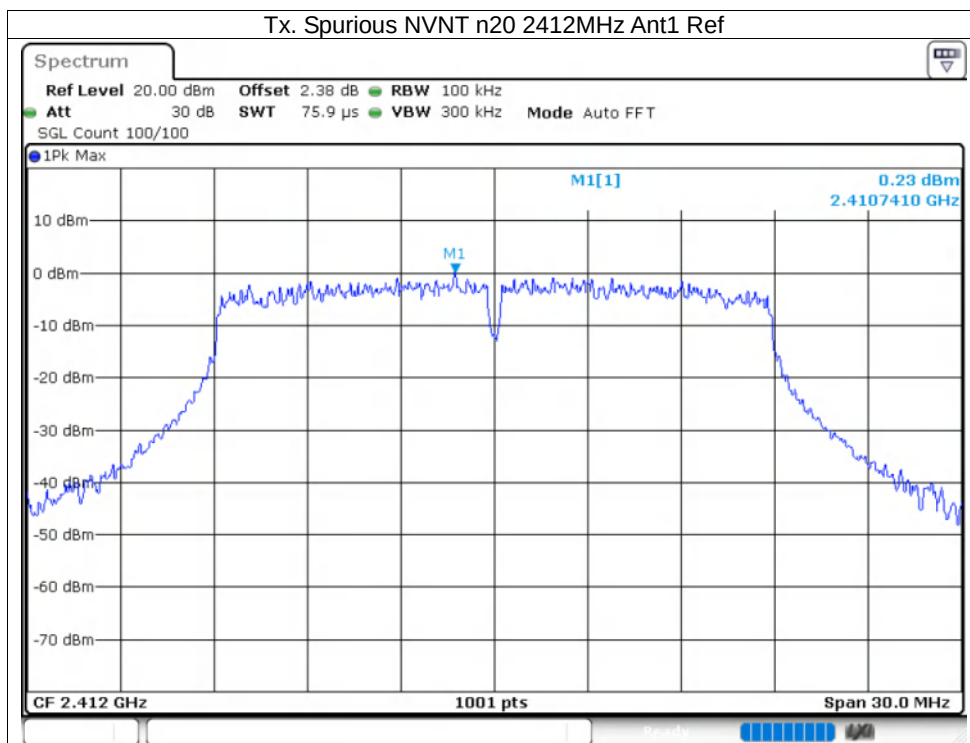
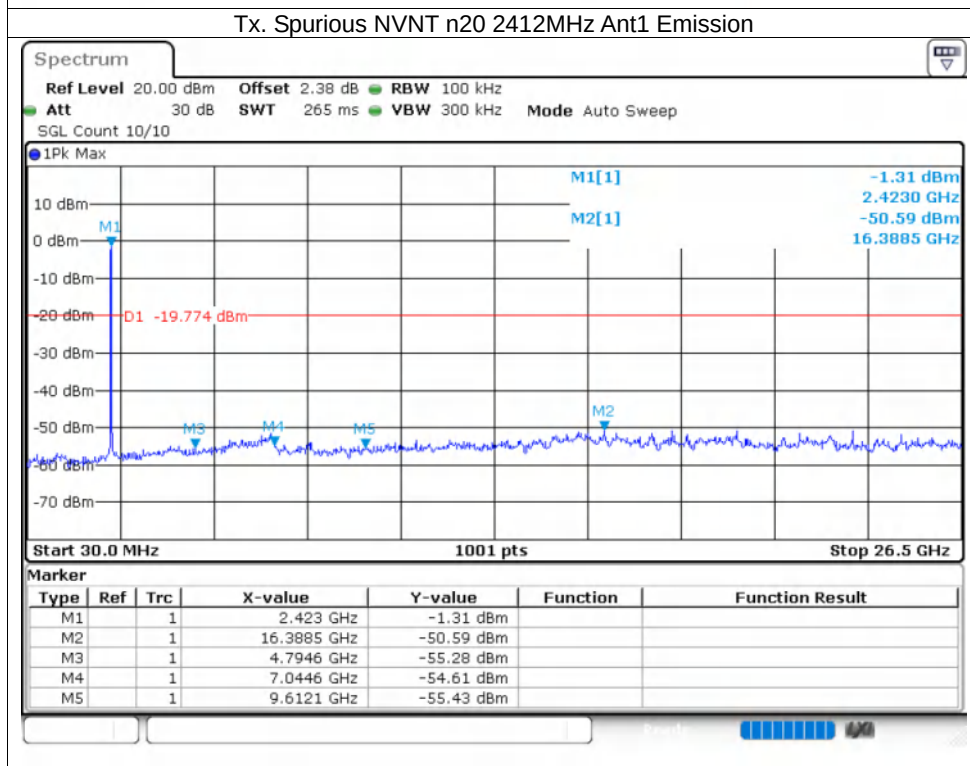
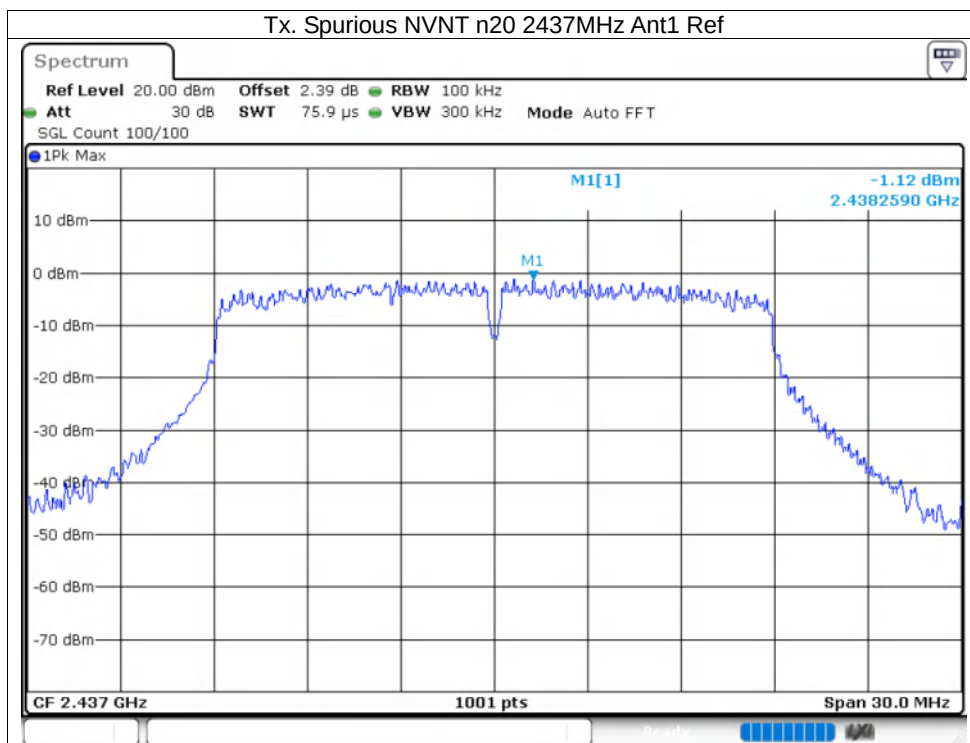
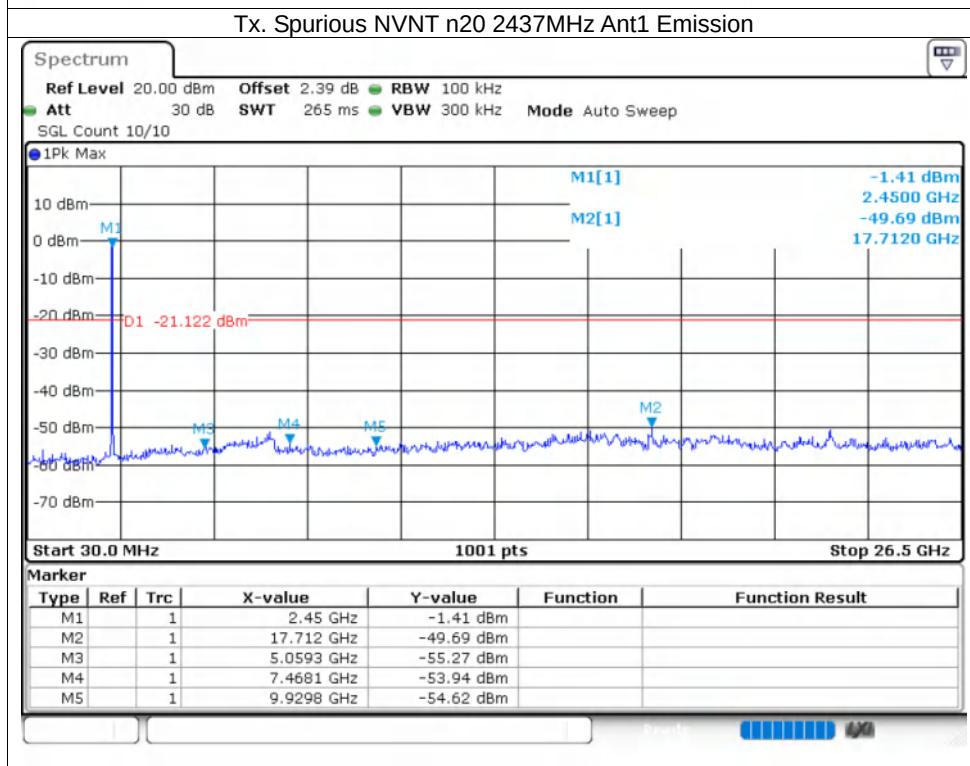
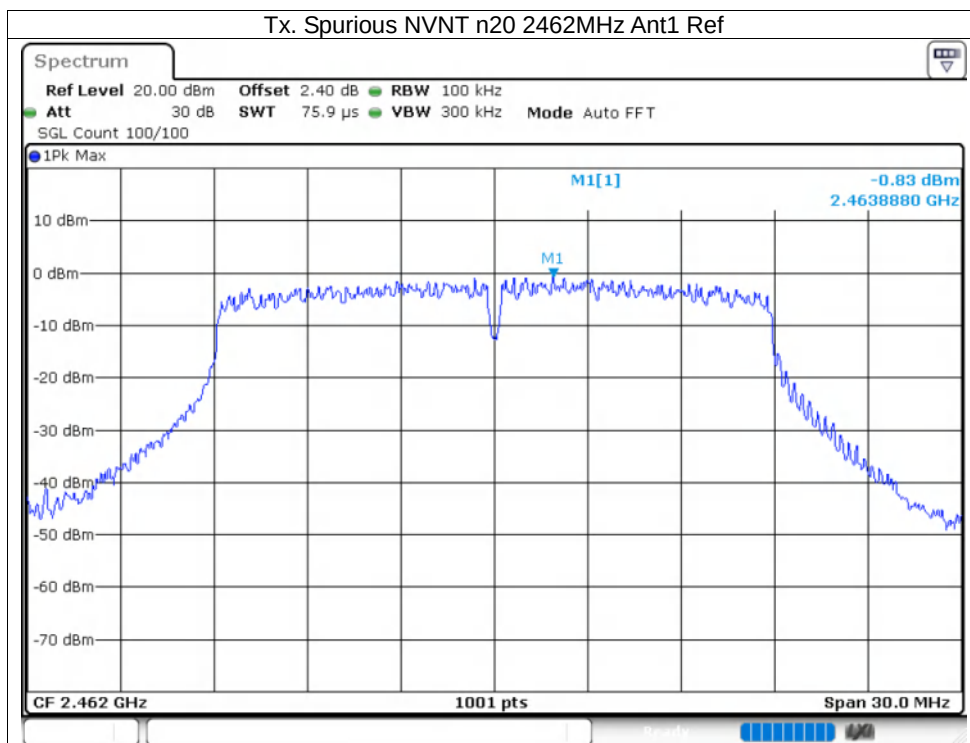
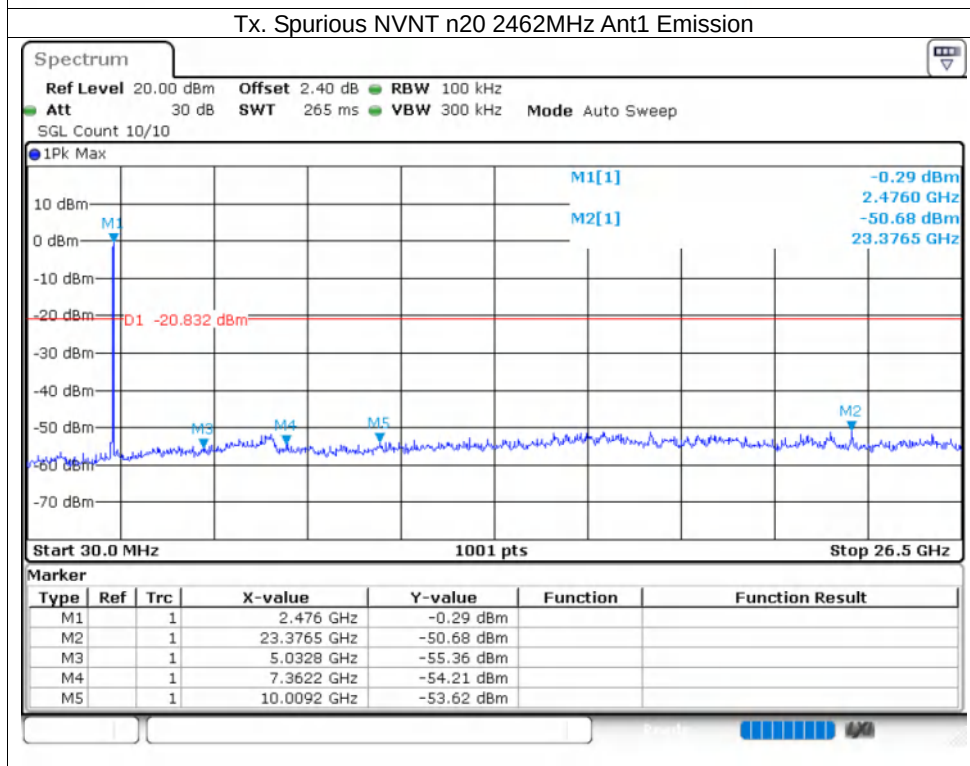
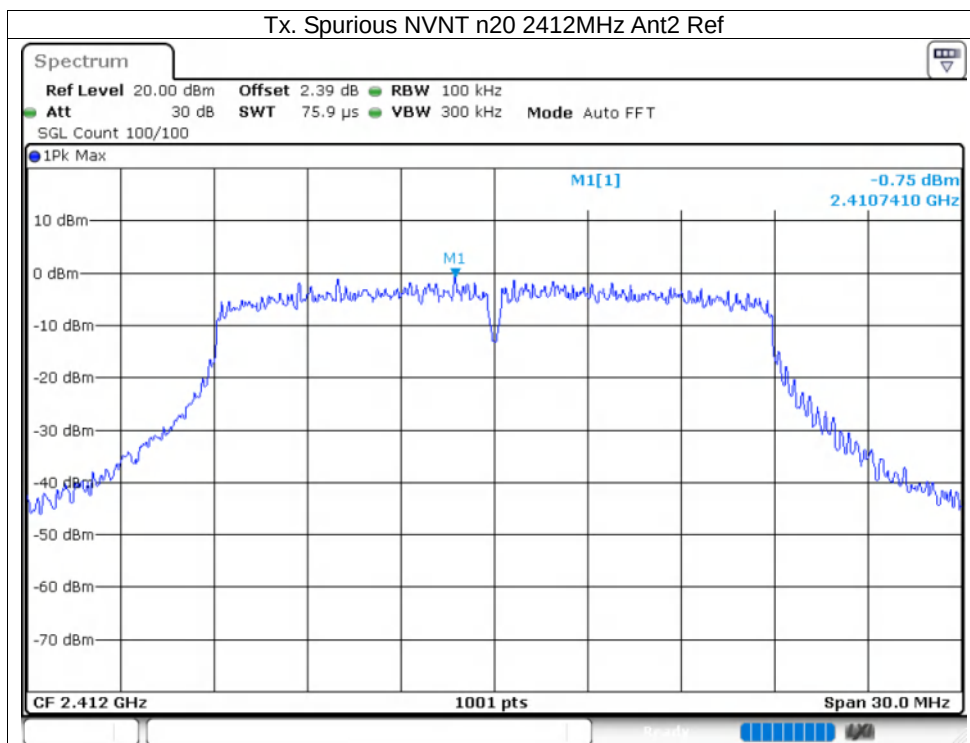
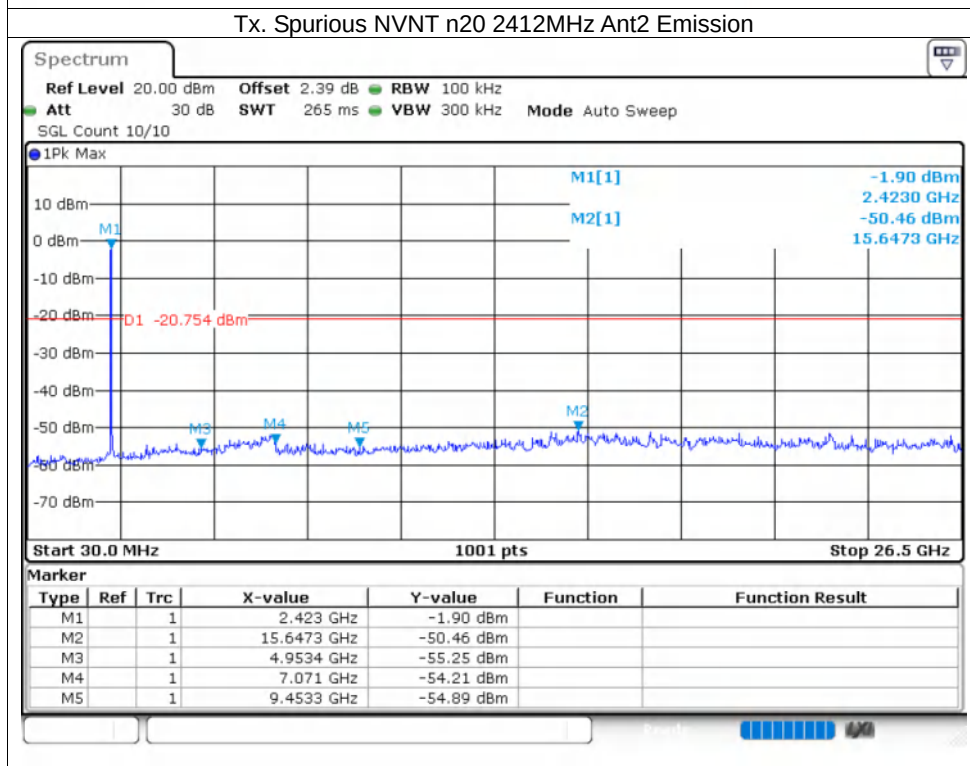
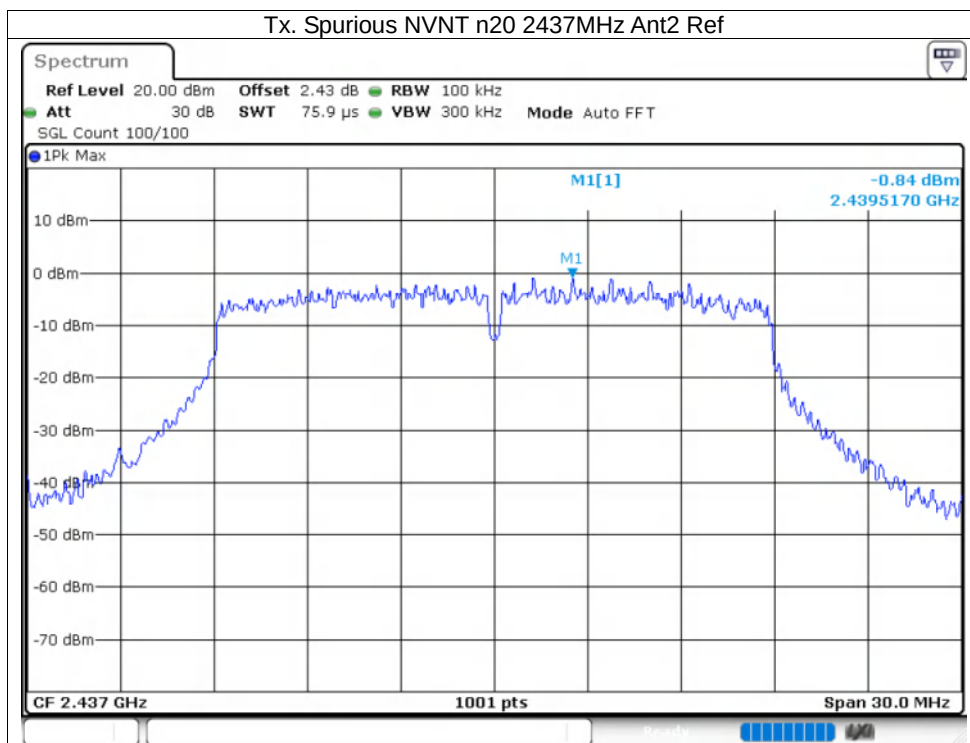
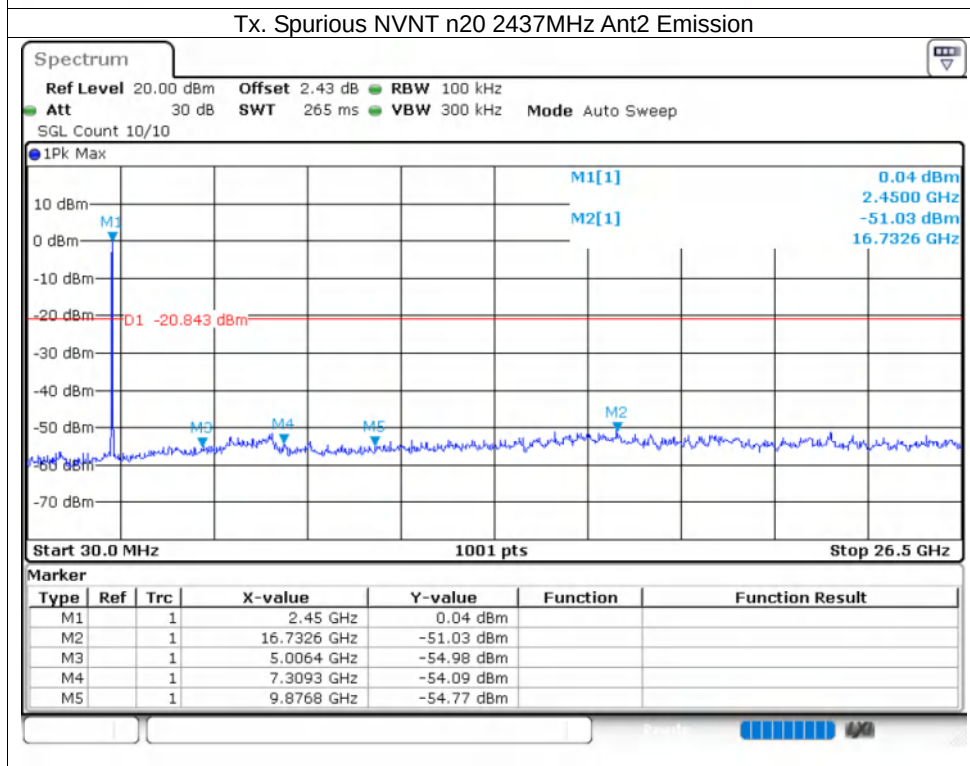


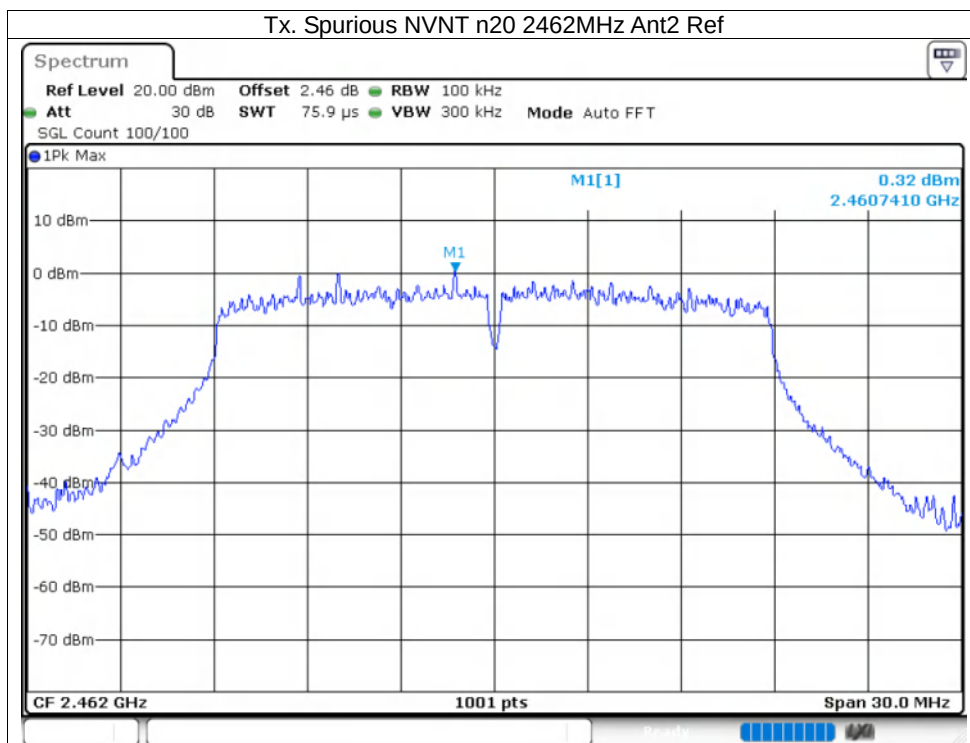
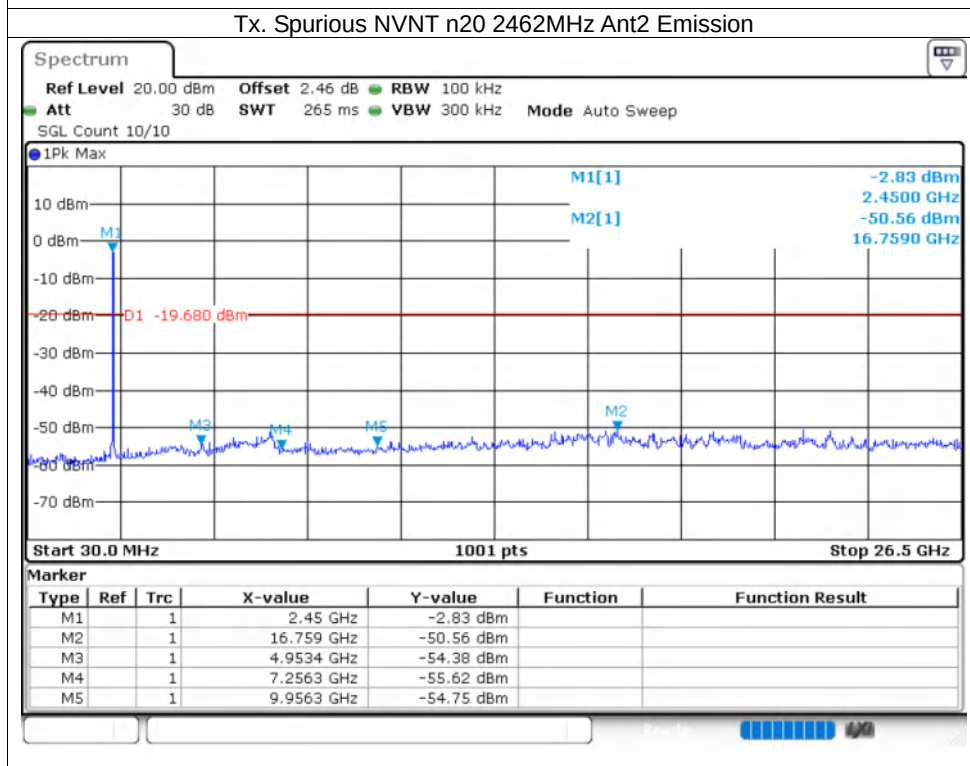


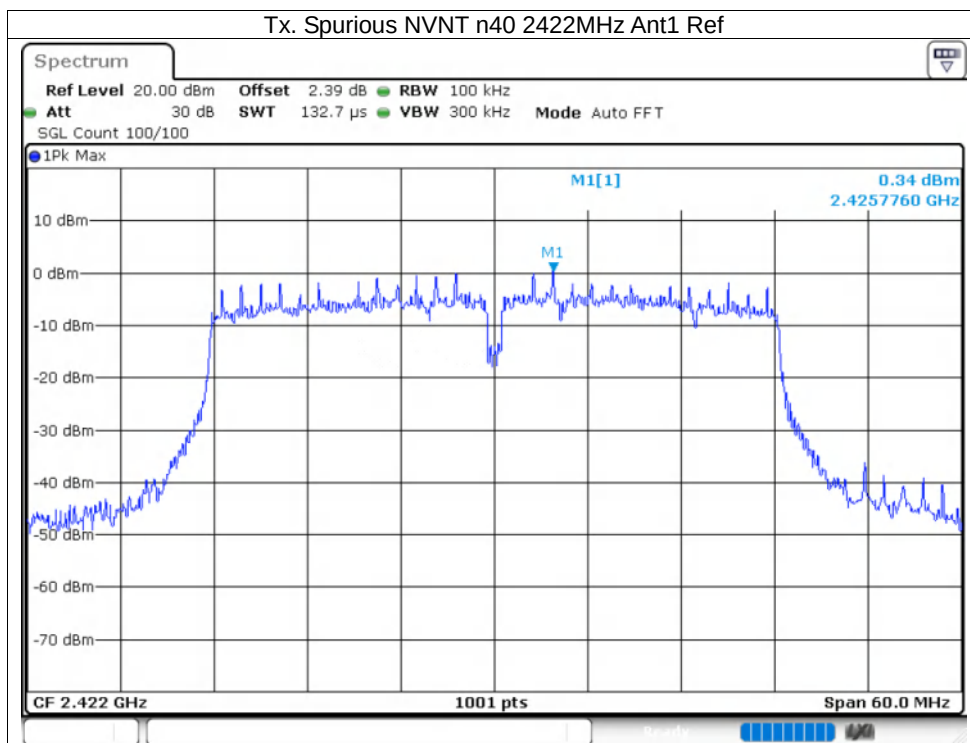
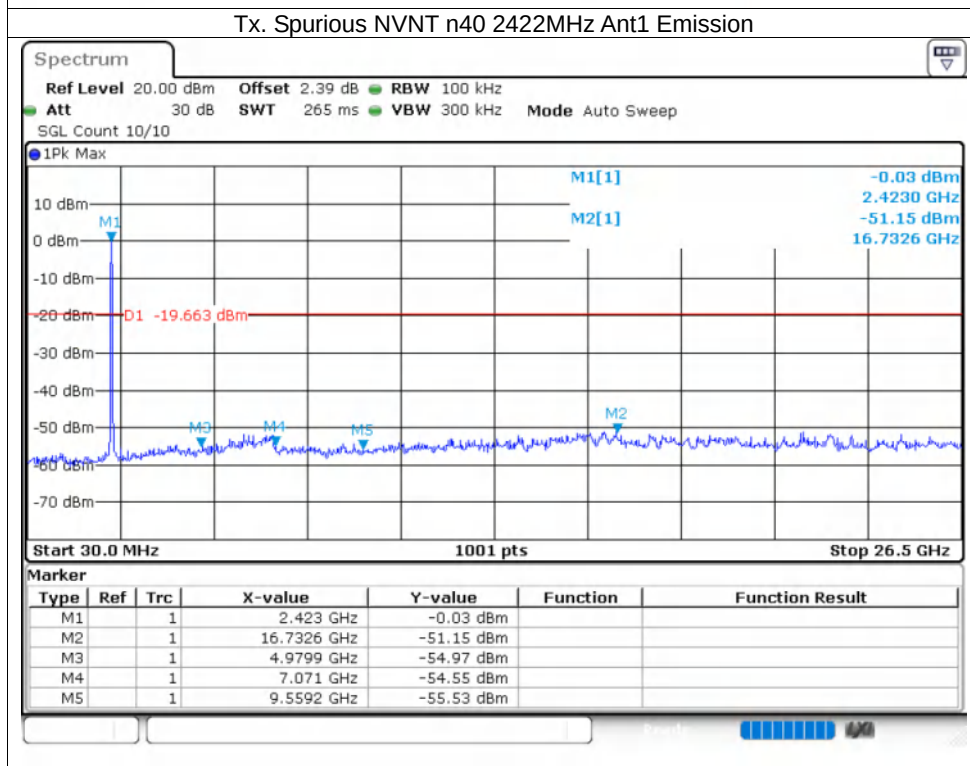


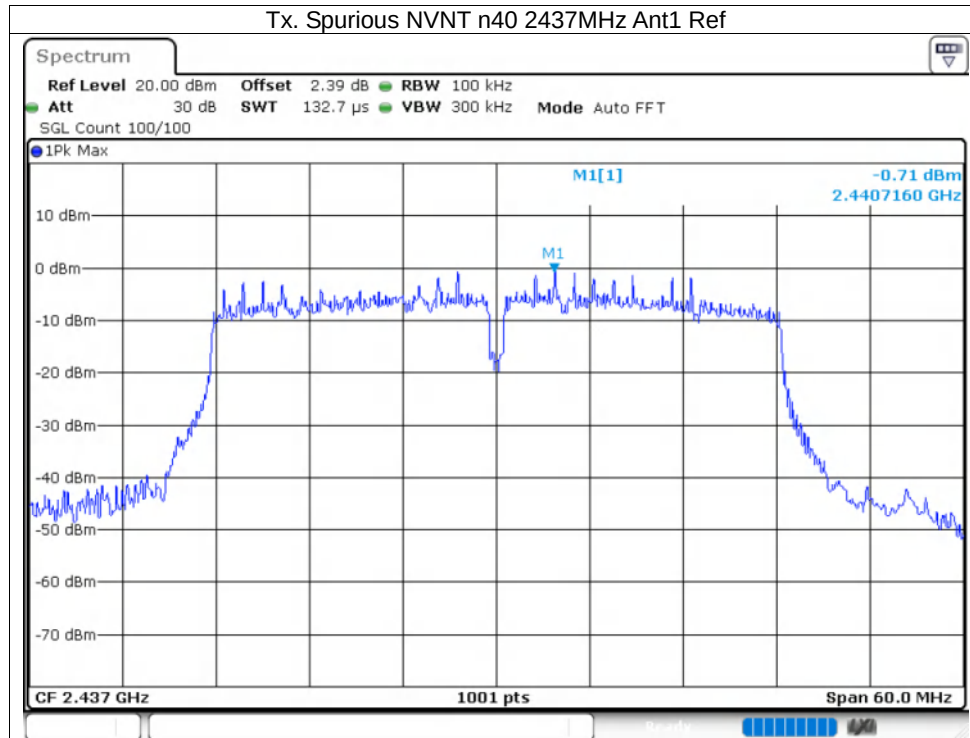
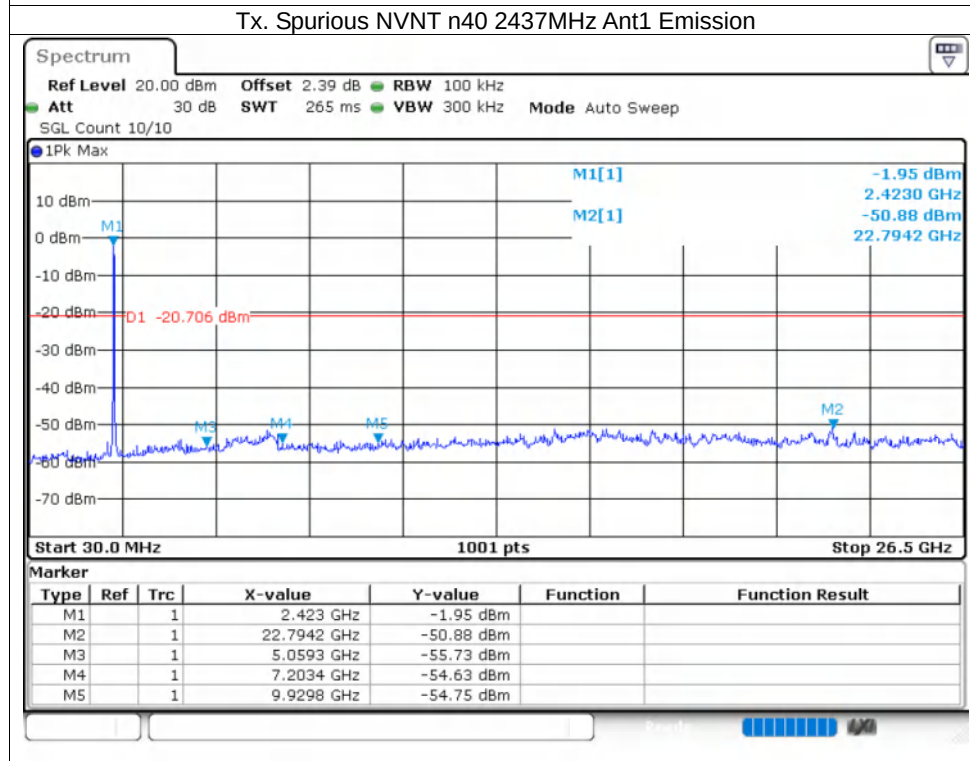


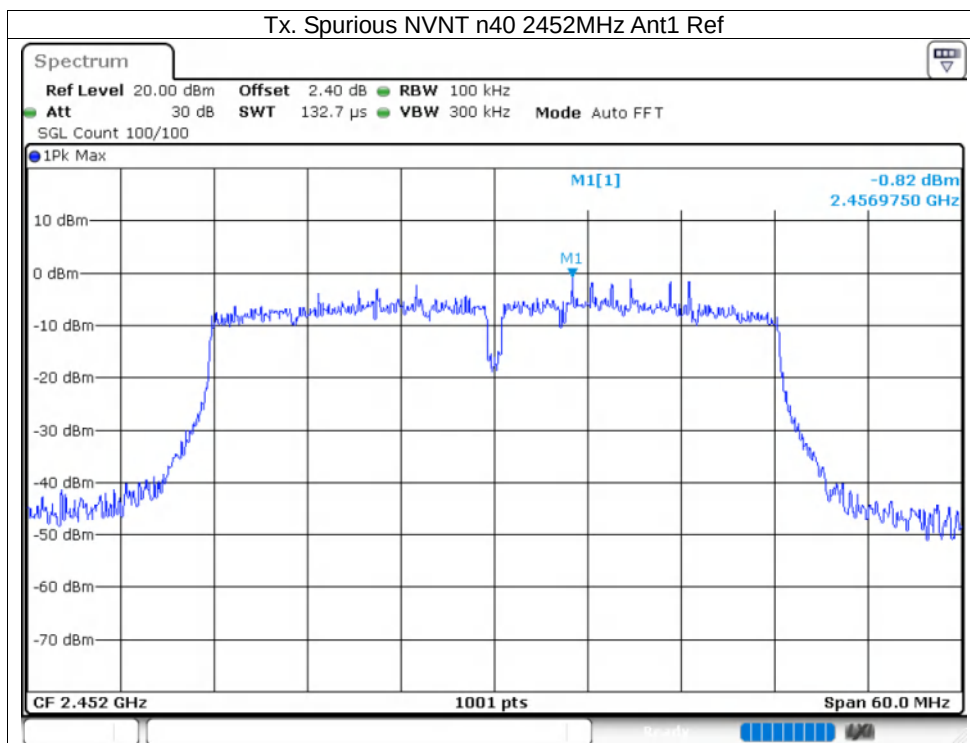
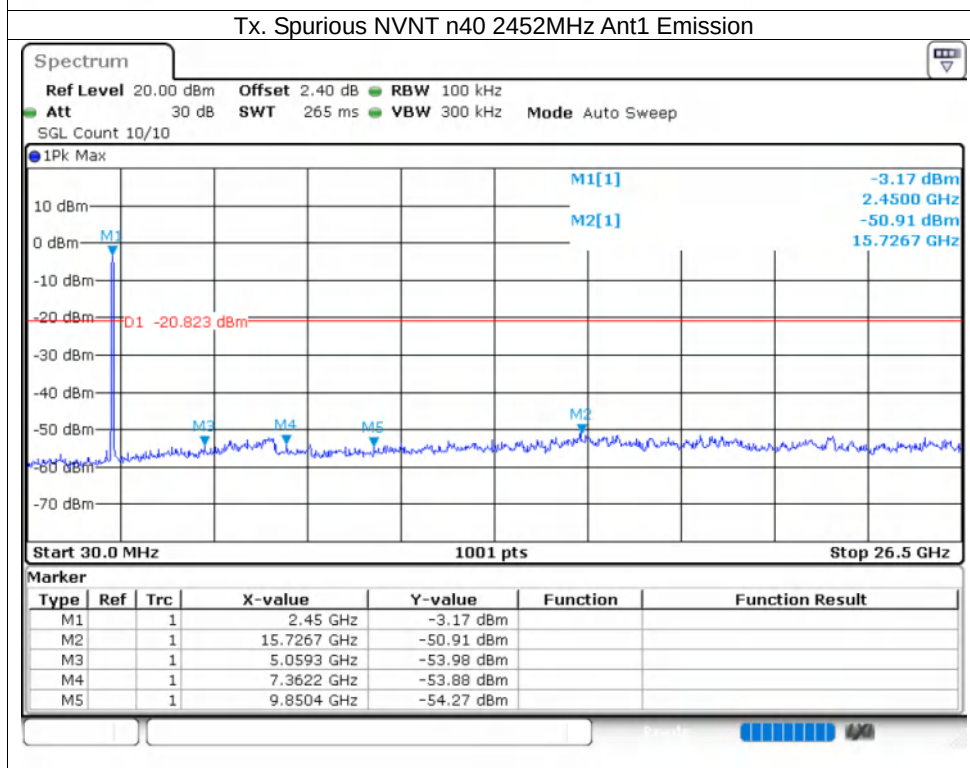


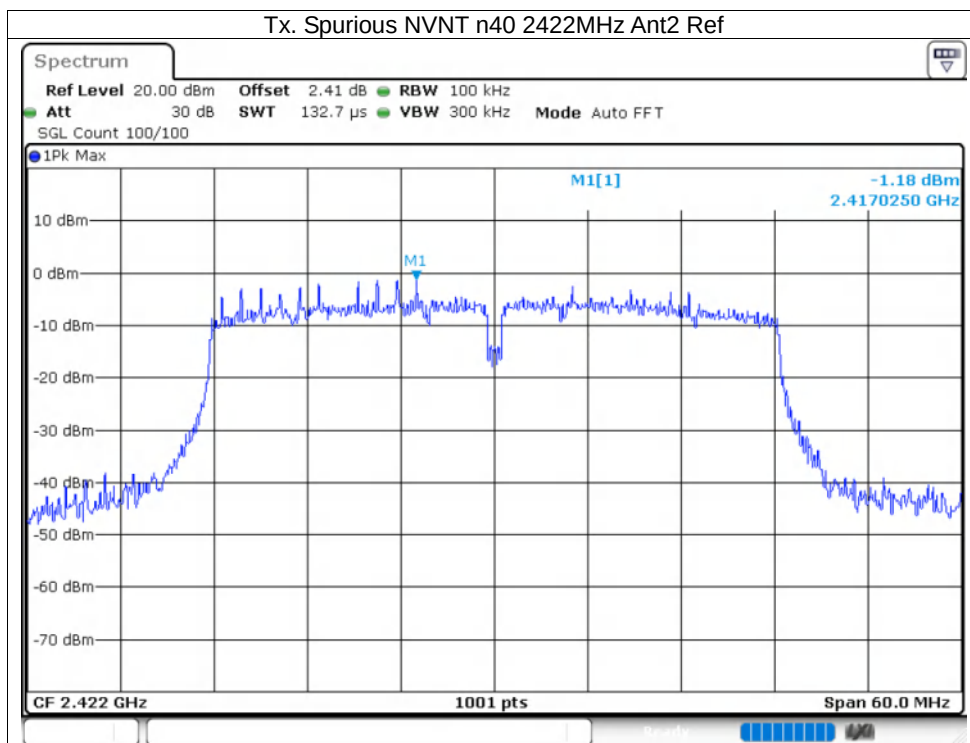
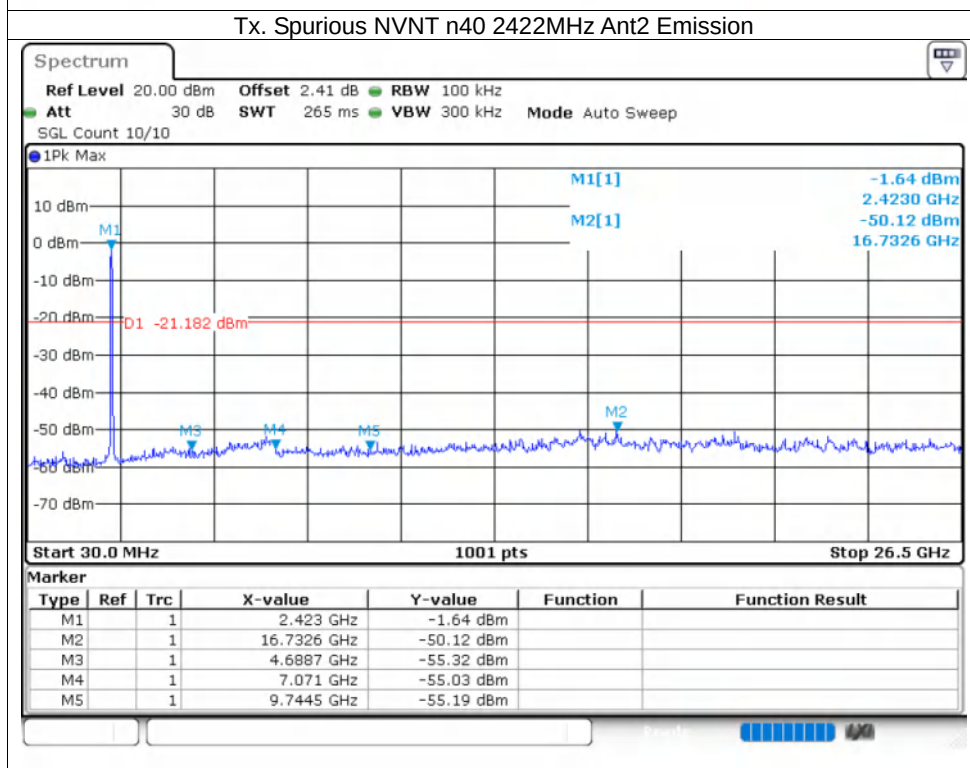


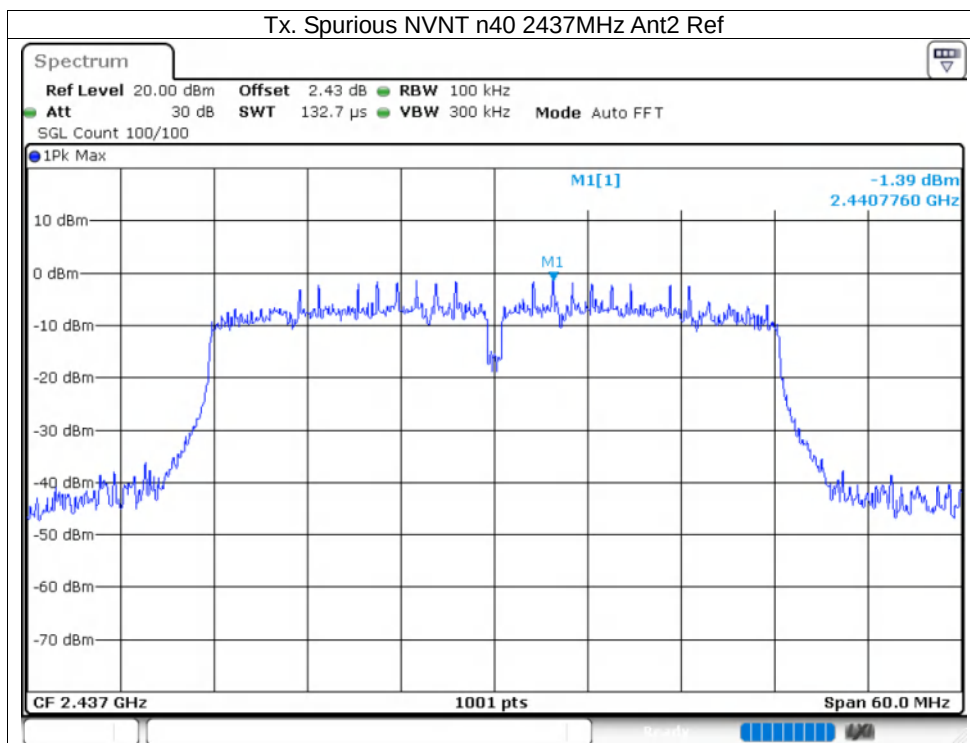
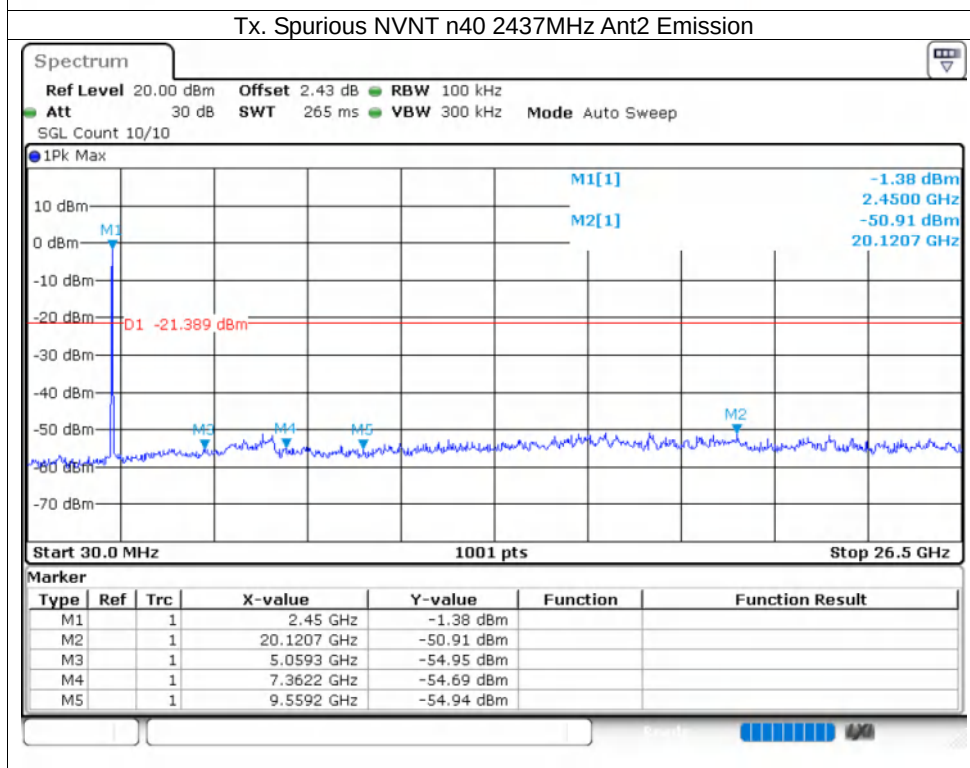


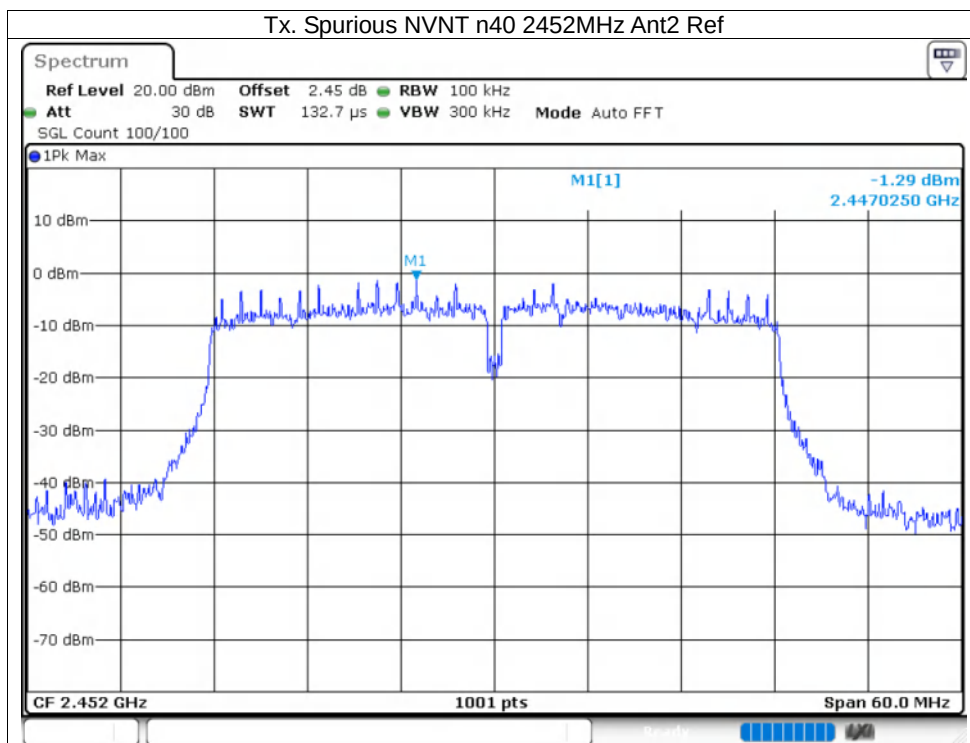
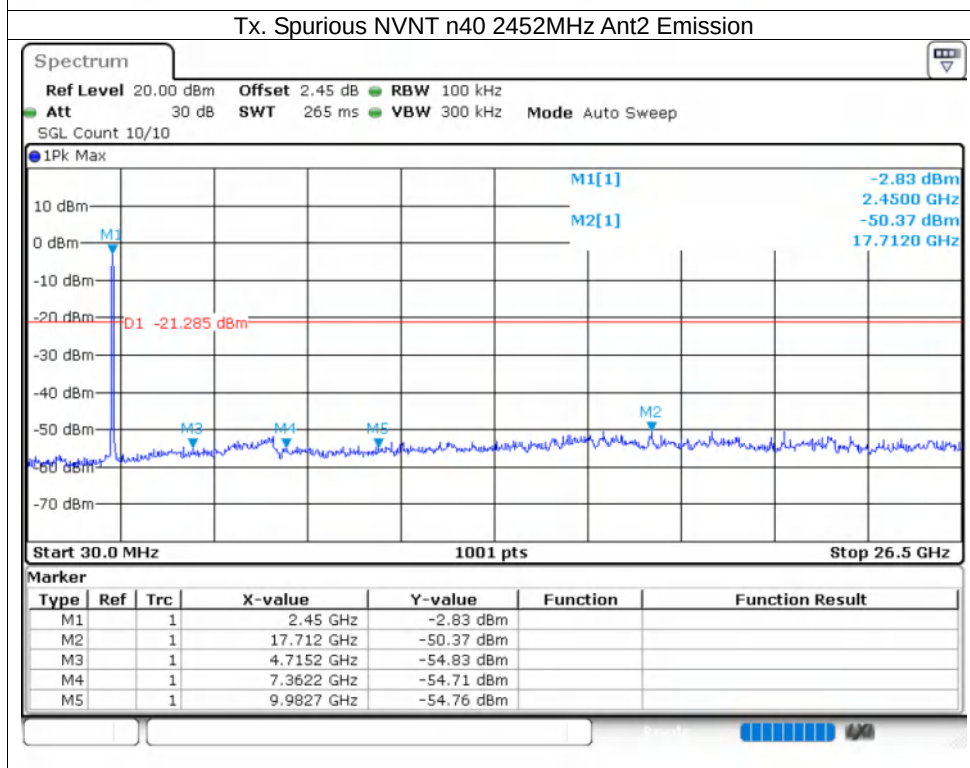








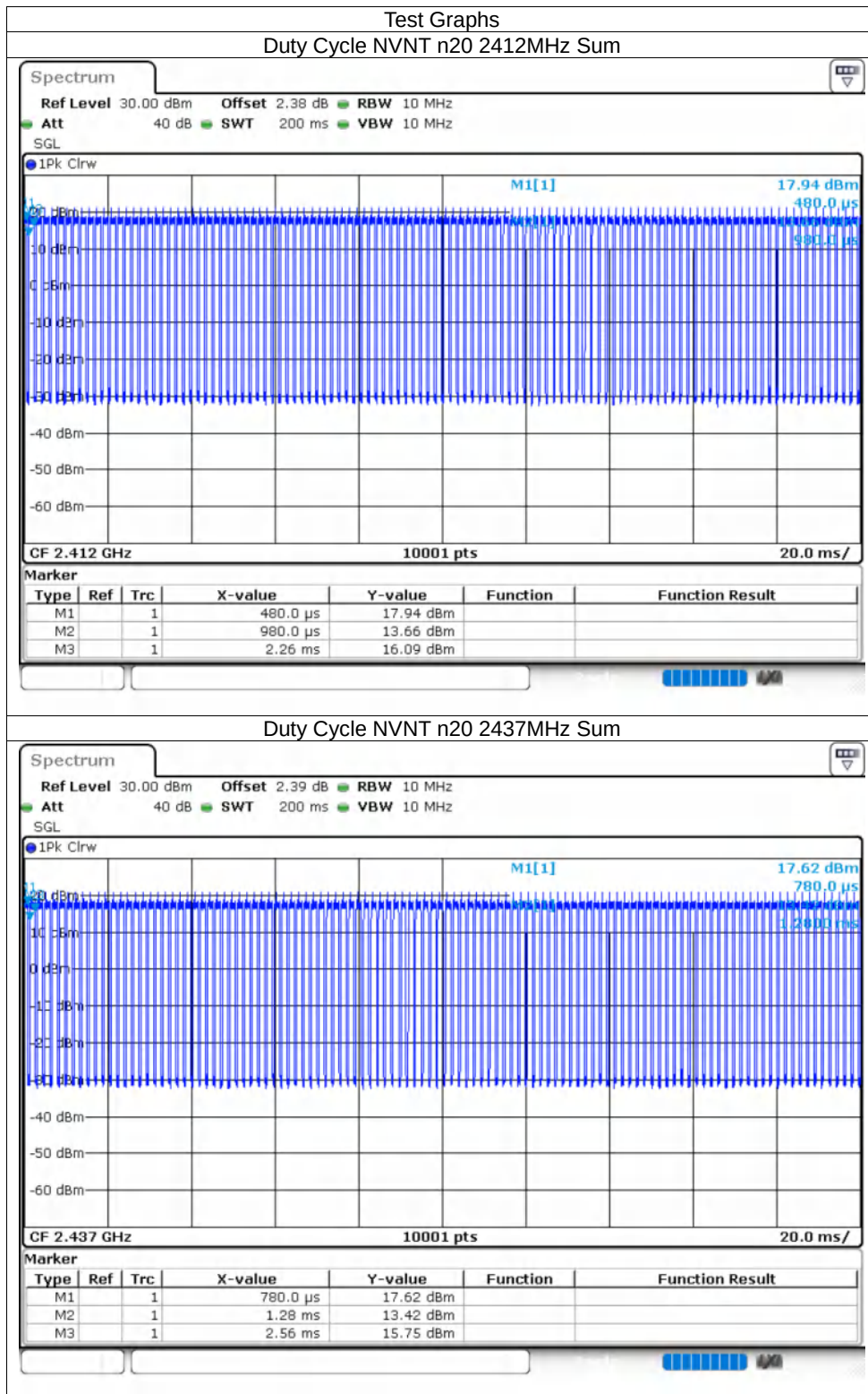


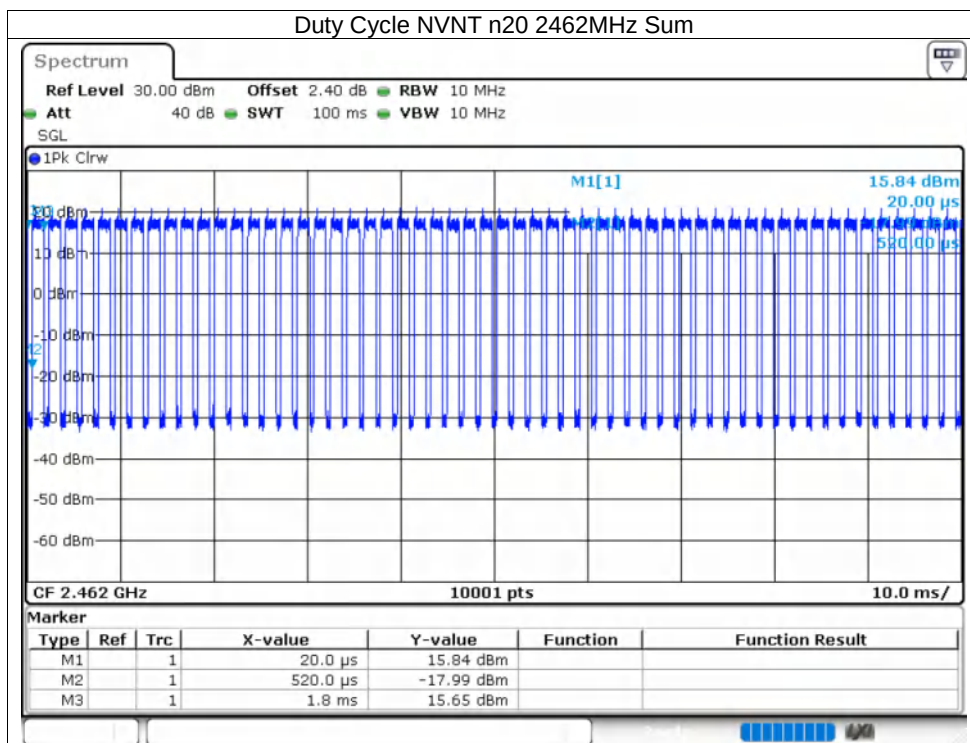
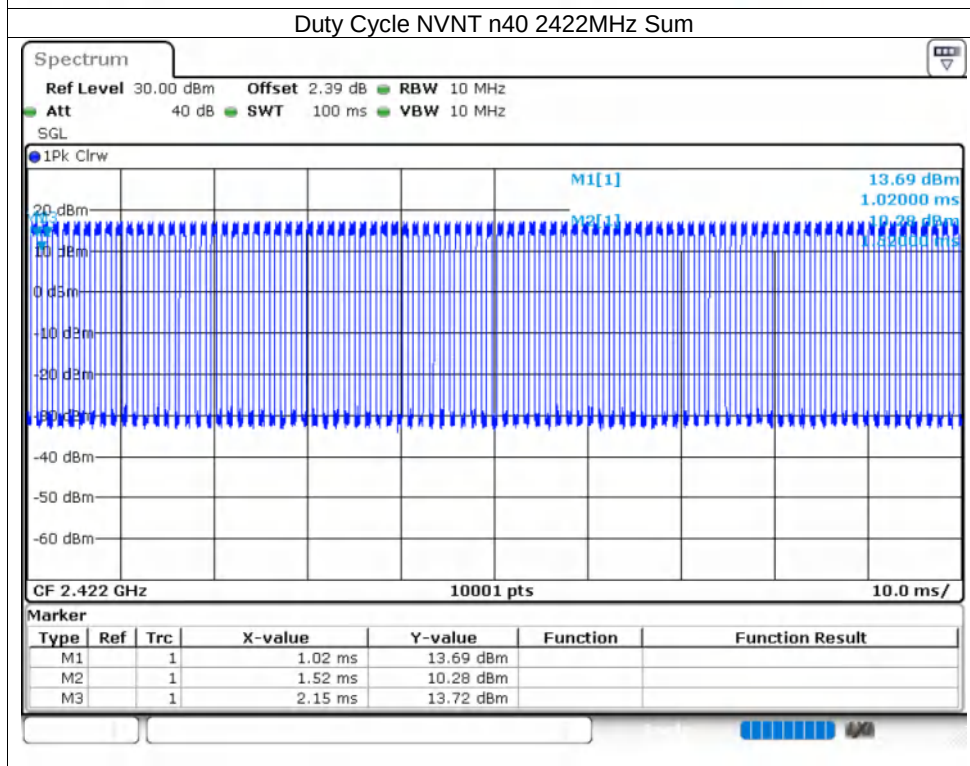


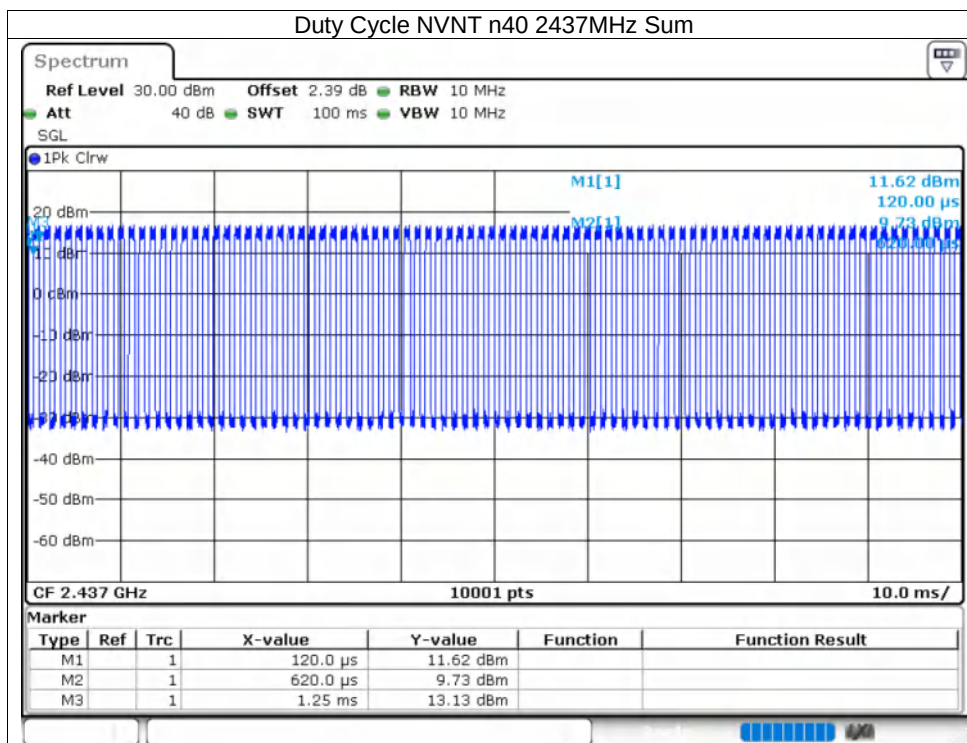
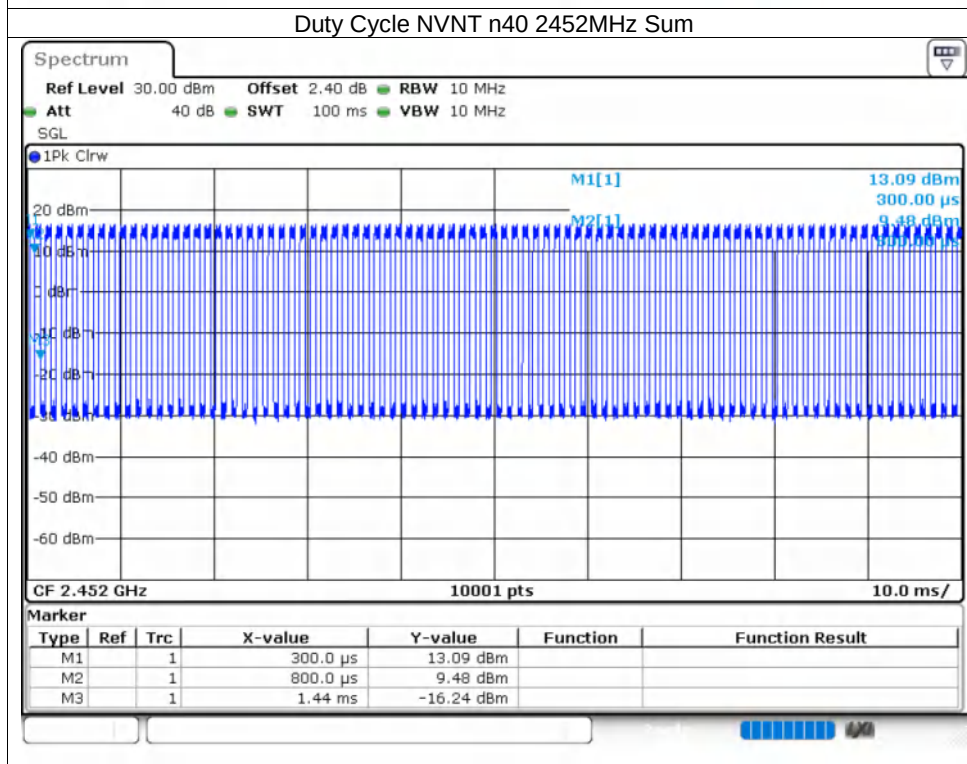
8.2 2.4G MIMO

8.2.1 Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	n20	2412	Sum	72.84	1.38	0.78
NVNT	n20	2437	Sum	72.85	1.38	0.78
NVNT	n20	2462	Sum	72.05	1.42	0.78
NVNT	n40	2422	Sum	56.62	2.47	1.59
NVNT	n40	2437	Sum	56.77	2.46	1.59
NVNT	n40	2452	Sum	56.85	2.45	1.56





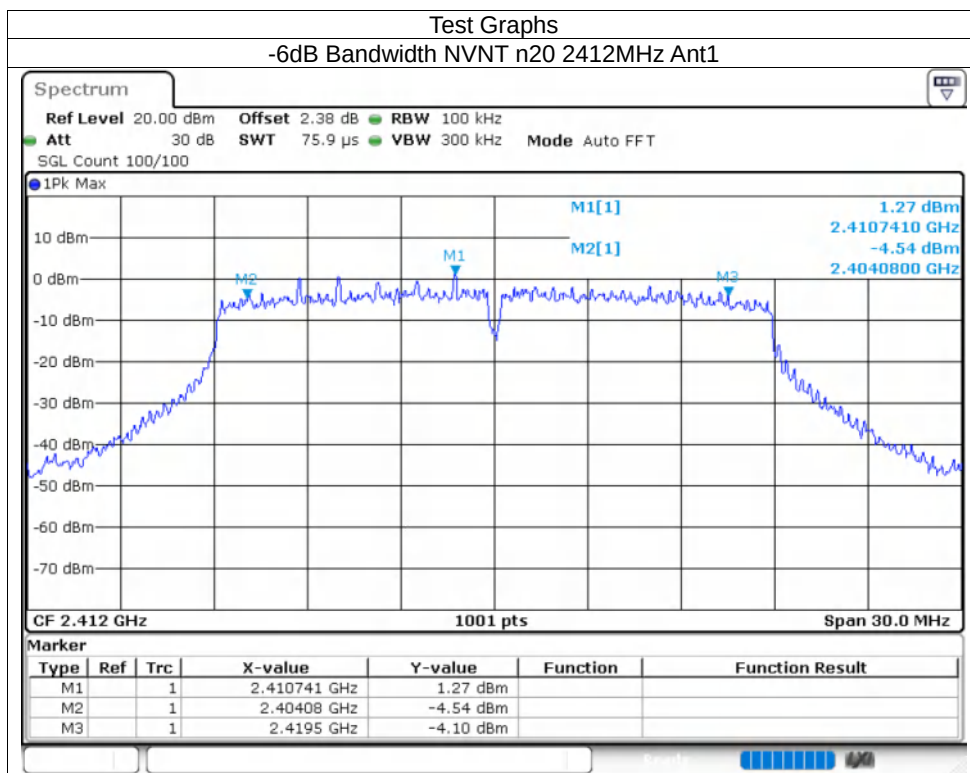
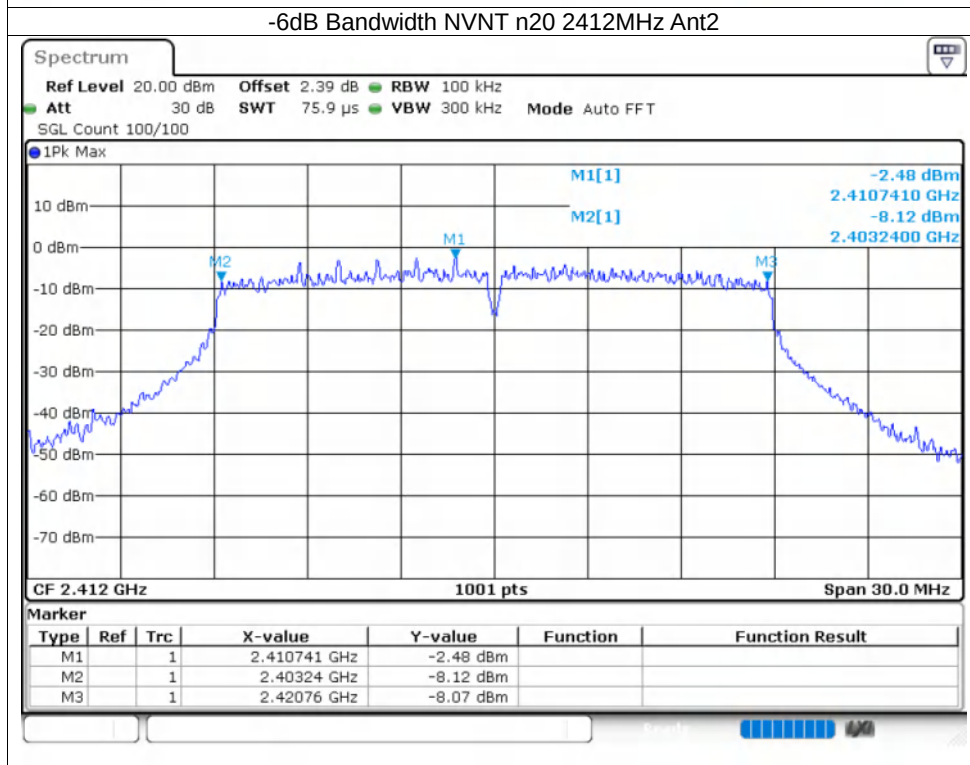


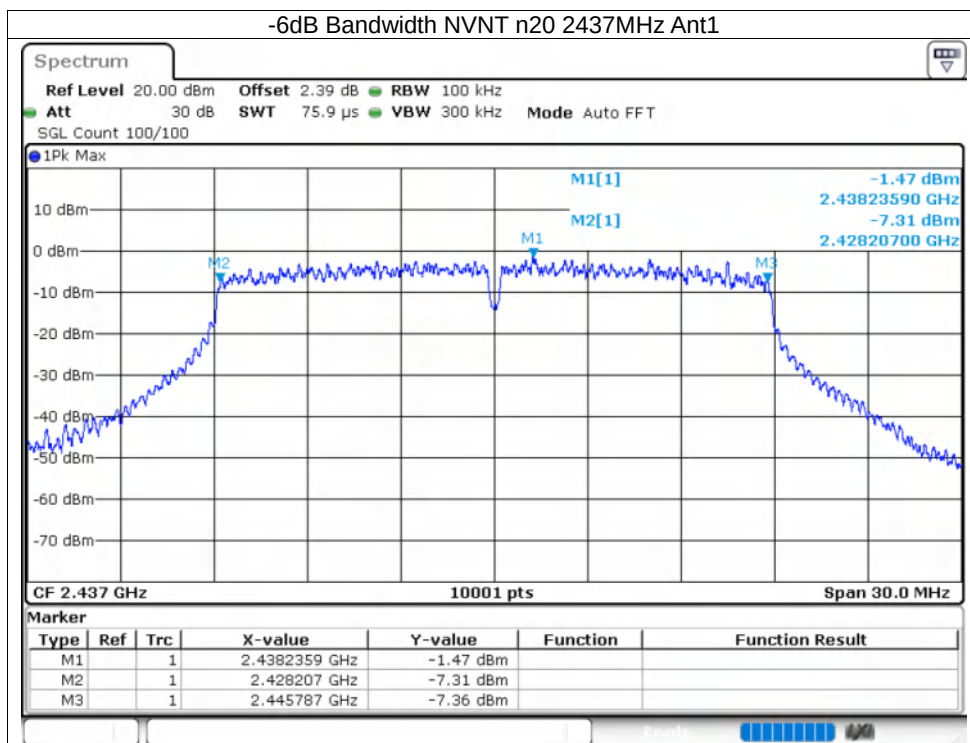
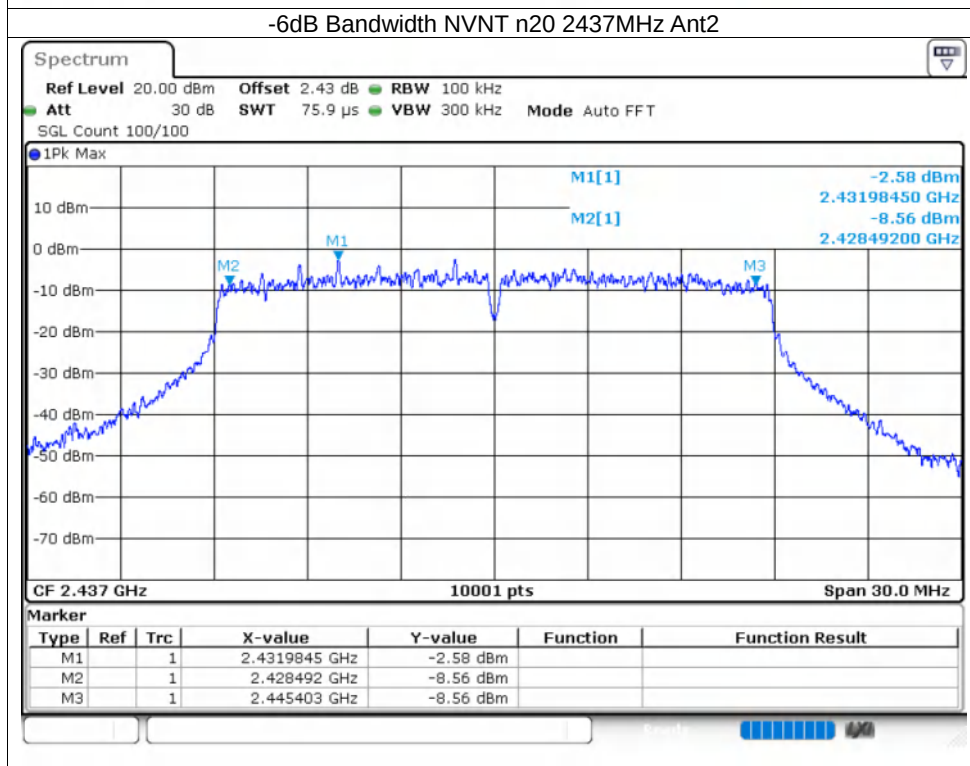
8.2.2 Maximum Conducted Output Power

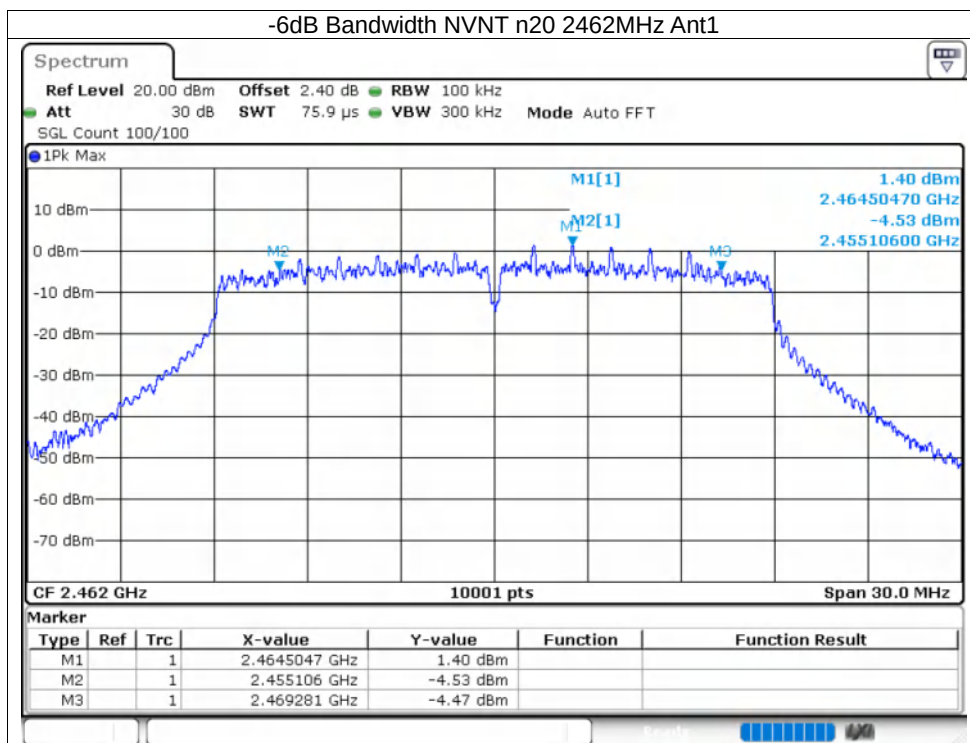
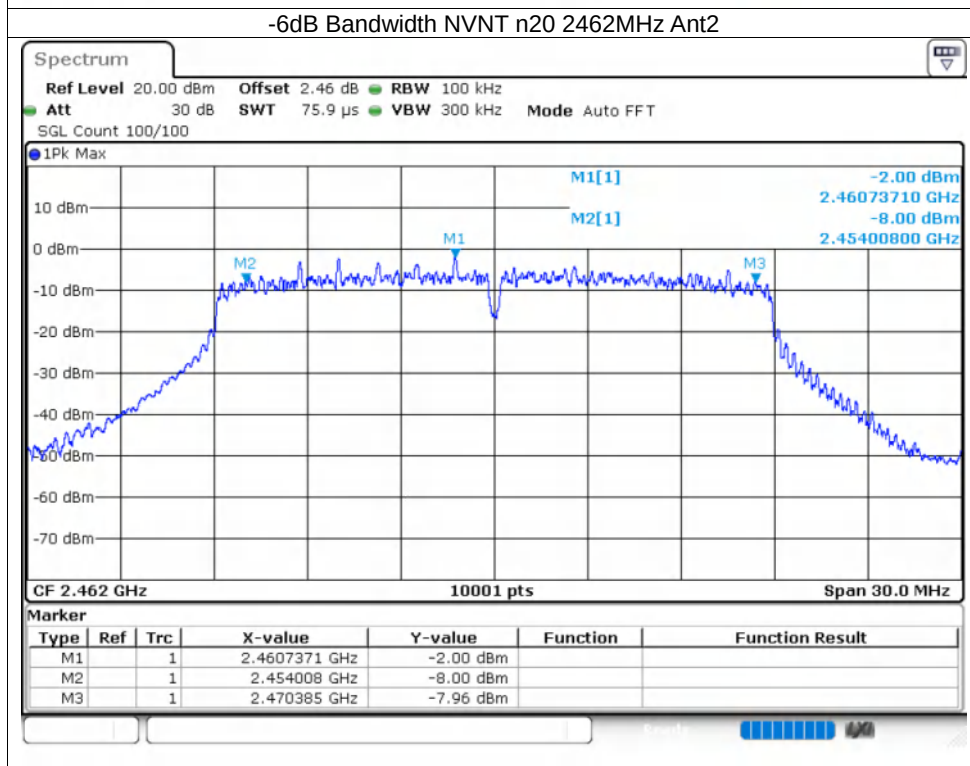
Condition	Mode	Frequency (MHz)	Antenna	Conducted Peak Power (dBm)	Limit (dBm)	Verdict
NVNT	n20	2412	Ant1	12.98	30	Pass
NVNT	n20	2412	Ant2	10.63	30	Pass
NVNT	n20	2412	Sum	14.97	30	Pass
NVNT	n20	2437	Ant1	12.5	30	Pass
NVNT	n20	2437	Ant2	10.36	30	Pass
NVNT	n20	2437	Sum	14.57	30	Pass
NVNT	n20	2462	Ant1	12.79	30	Pass
NVNT	n20	2462	Ant2	10.15	30	Pass
NVNT	n20	2462	Sum	14.68	30	Pass
NVNT	n40	2422	Ant1	13.19	30	Pass
NVNT	n40	2422	Ant2	10.76	30	Pass
NVNT	n40	2422	Sum	15.15	30	Pass
NVNT	n40	2437	Ant1	12.73	30	Pass
NVNT	n40	2437	Ant2	10.47	30	Pass
NVNT	n40	2437	Sum	14.76	30	Pass
NVNT	n40	2452	Ant1	12.85	30	Pass
NVNT	n40	2452	Ant2	10.43	30	Pass
NVNT	n40	2452	Sum	14.82	30	Pass

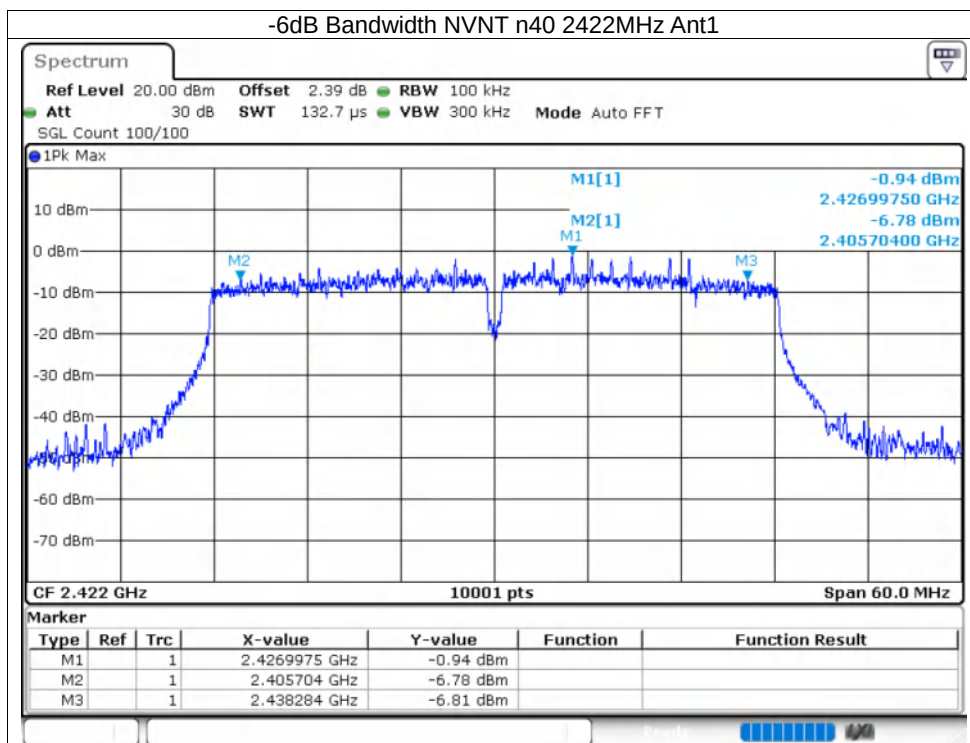
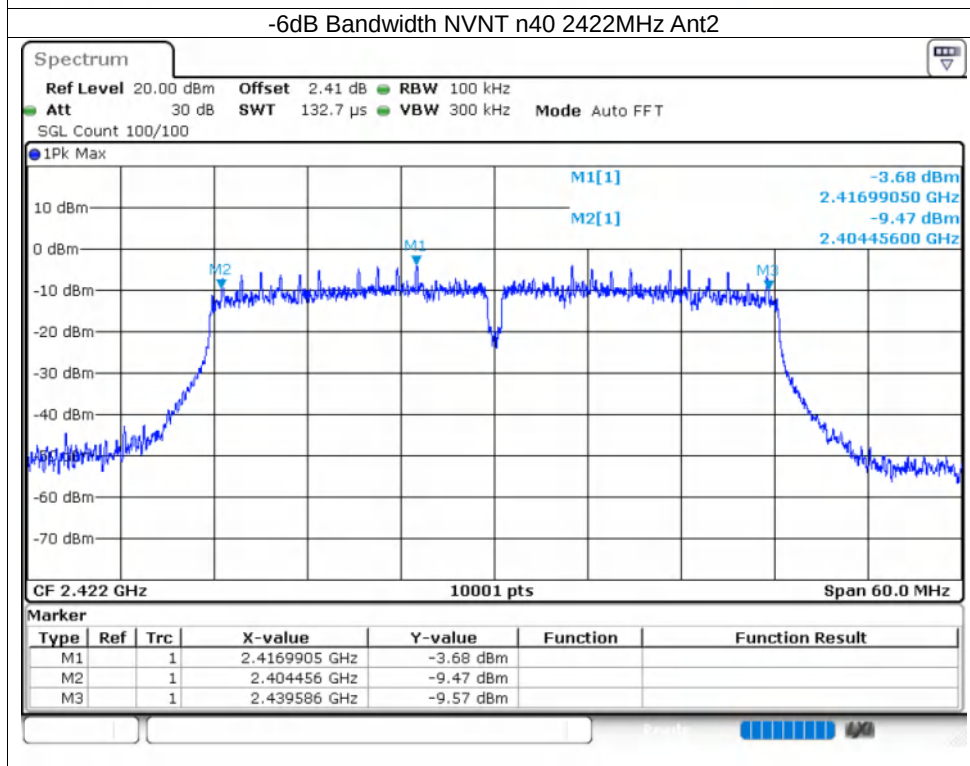
8.2.3 -6dB Bandwidth

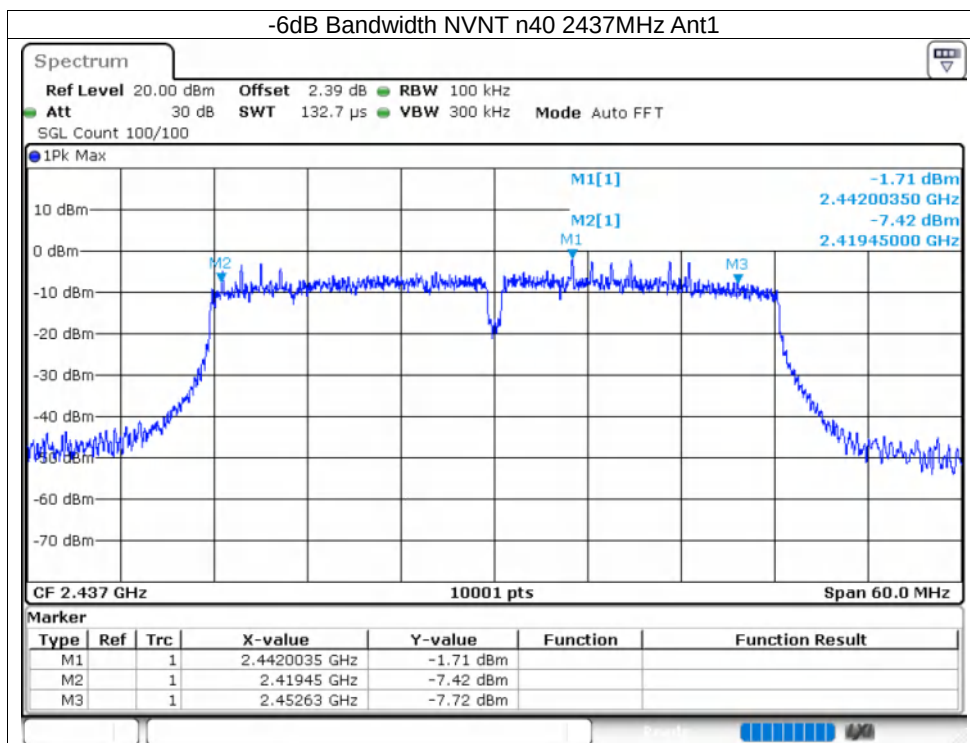
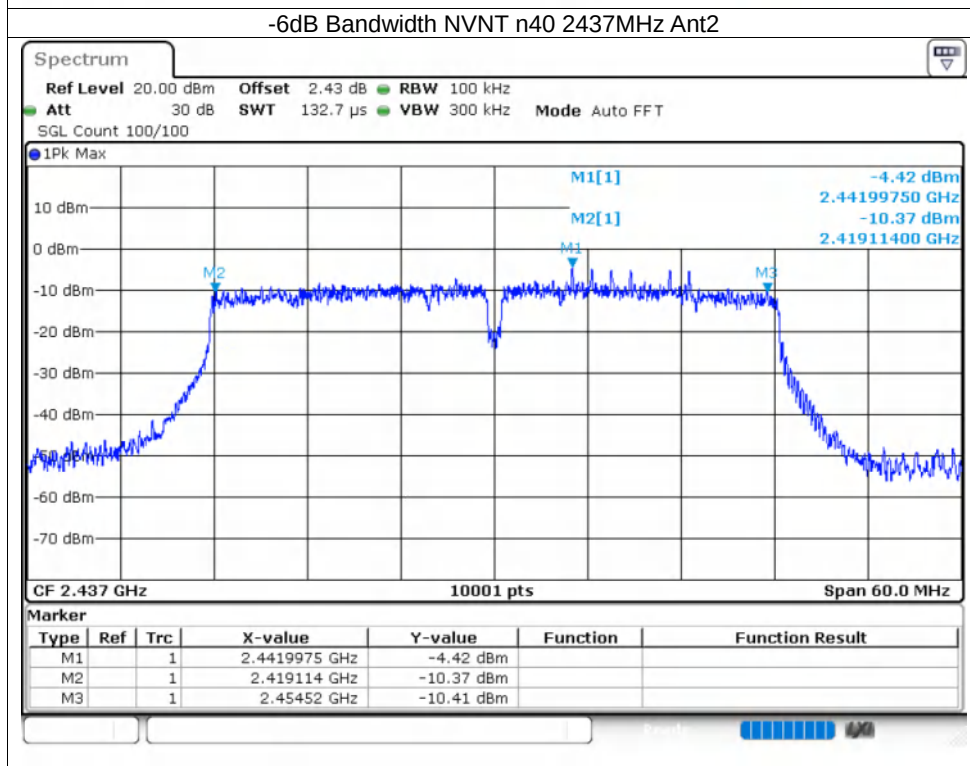
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	n20	2412	Ant1	15.42	0.5	Pass
NVNT	n20	2412	Ant2	17.52	0.5	Pass
NVNT	n20	2437	Ant1	17.58	0.5	Pass
NVNT	n20	2437	Ant2	16.911	0.5	Pass
NVNT	n20	2462	Ant1	14.175	0.5	Pass
NVNT	n20	2462	Ant2	16.377	0.5	Pass
NVNT	n40	2422	Ant1	32.58	0.5	Pass
NVNT	n40	2422	Ant2	35.13	0.5	Pass
NVNT	n40	2437	Ant1	33.18	0.5	Pass
NVNT	n40	2437	Ant2	35.406	0.5	Pass
NVNT	n40	2452	Ant1	34.026	0.5	Pass
NVNT	n40	2452	Ant2	35.706	0.5	Pass

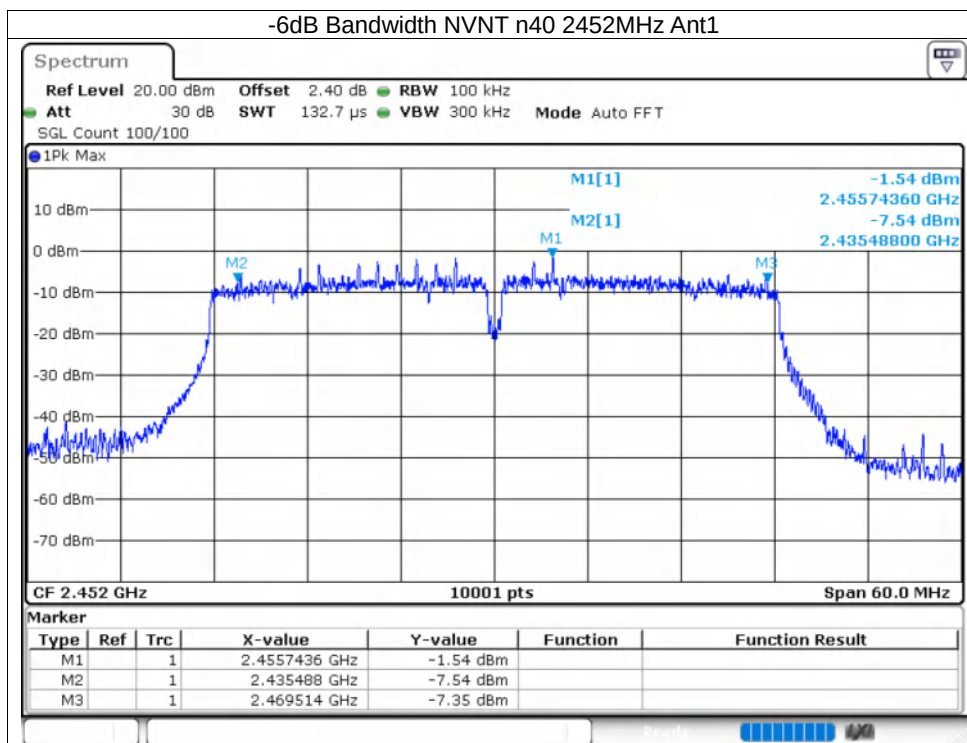
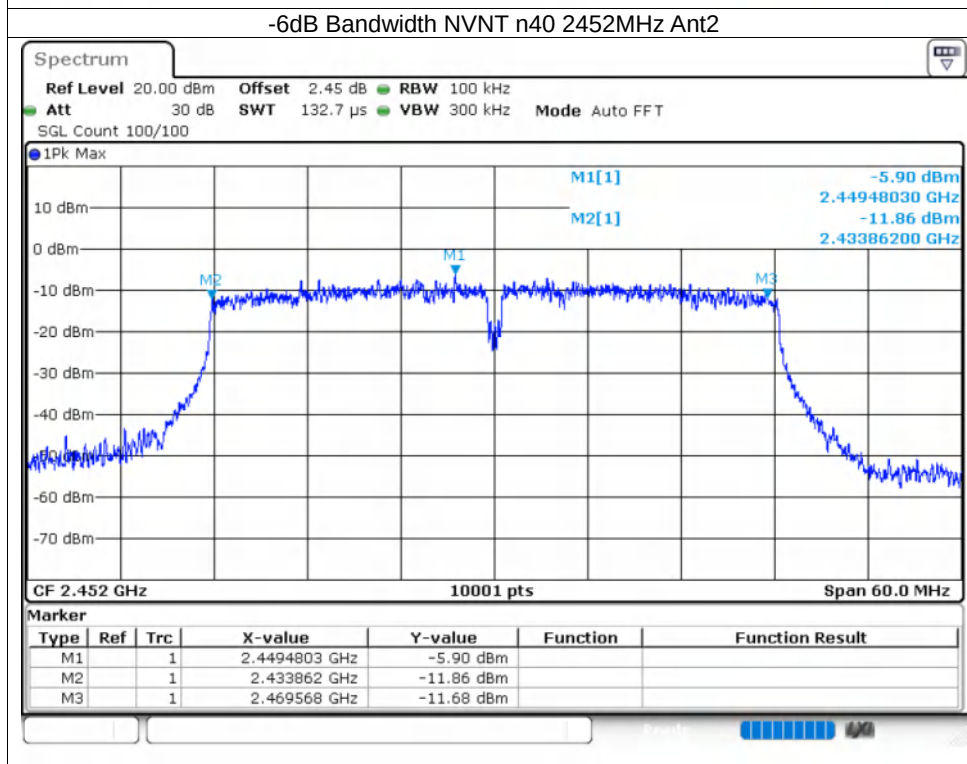








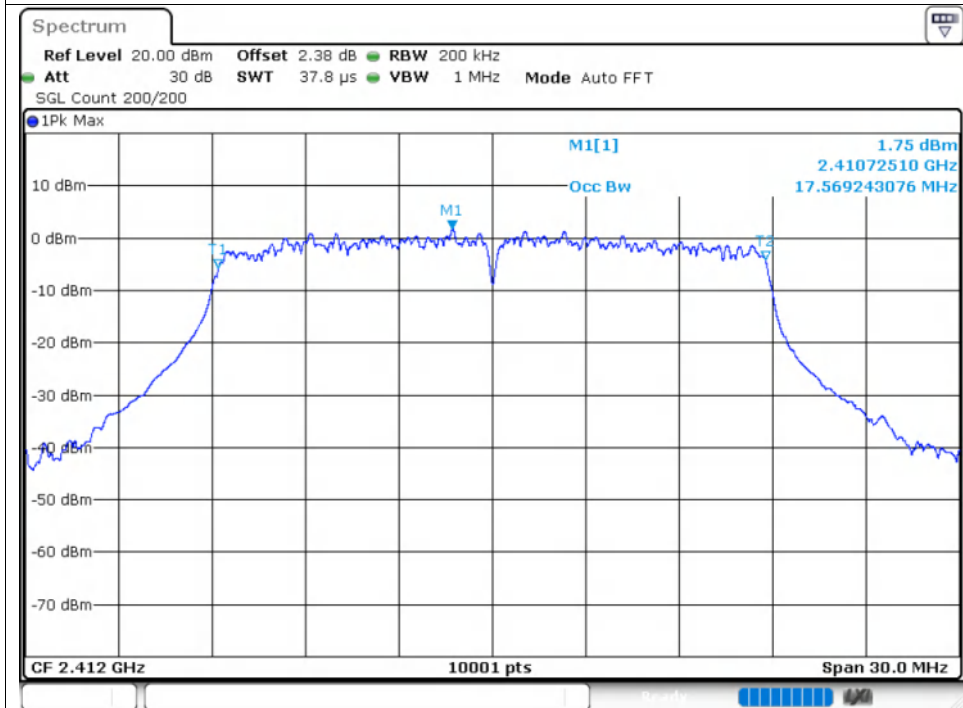




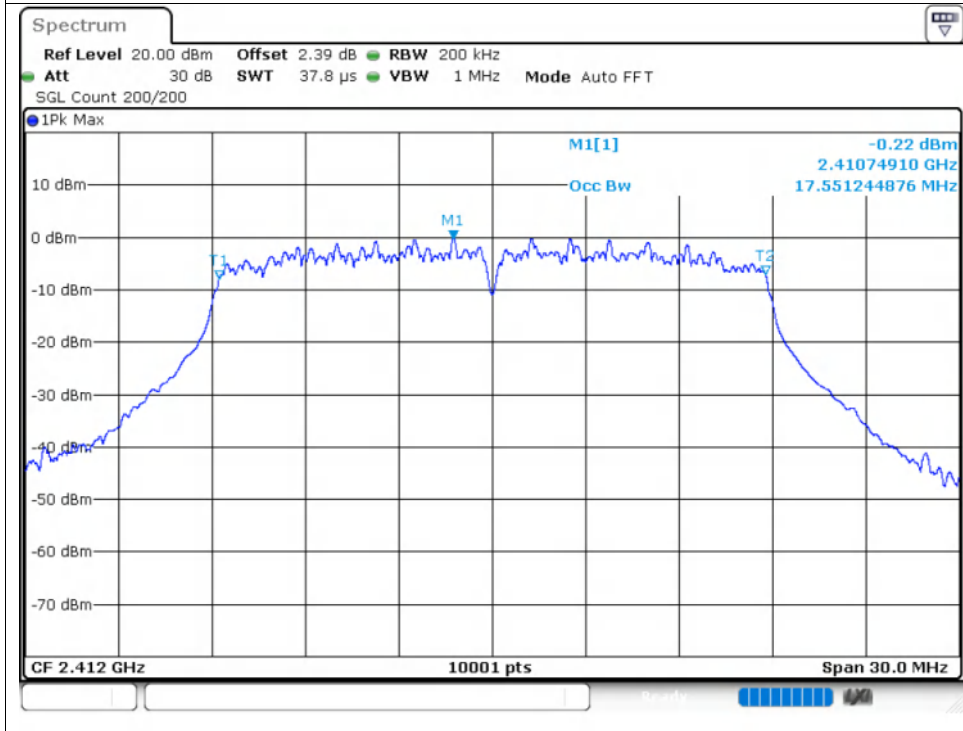
8.2.4 Occupied Channel Bandwidth

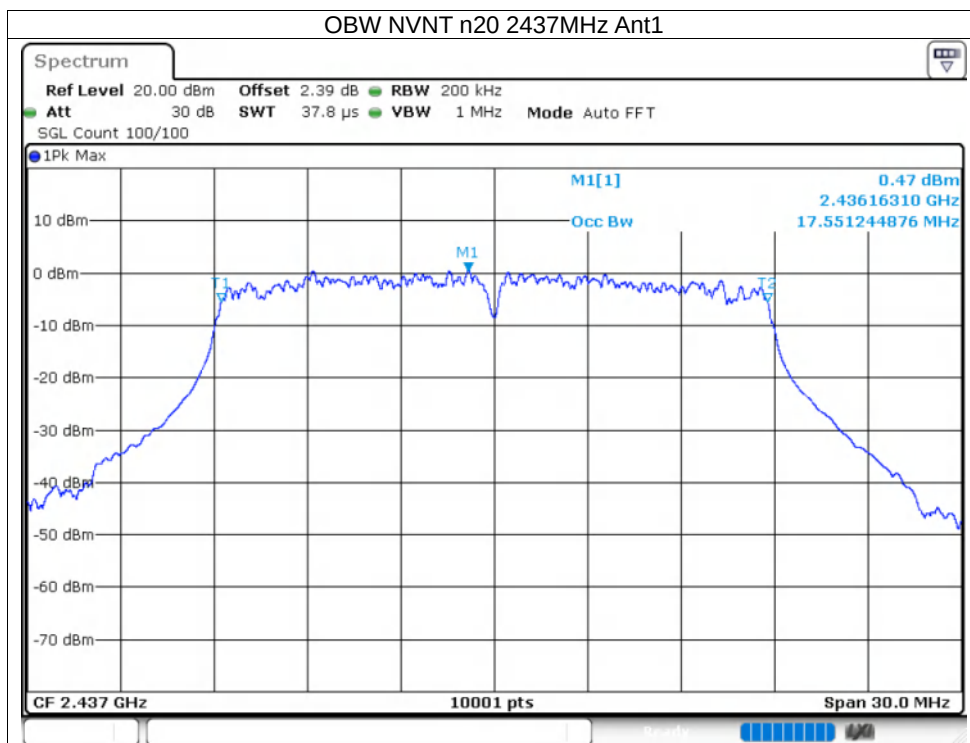
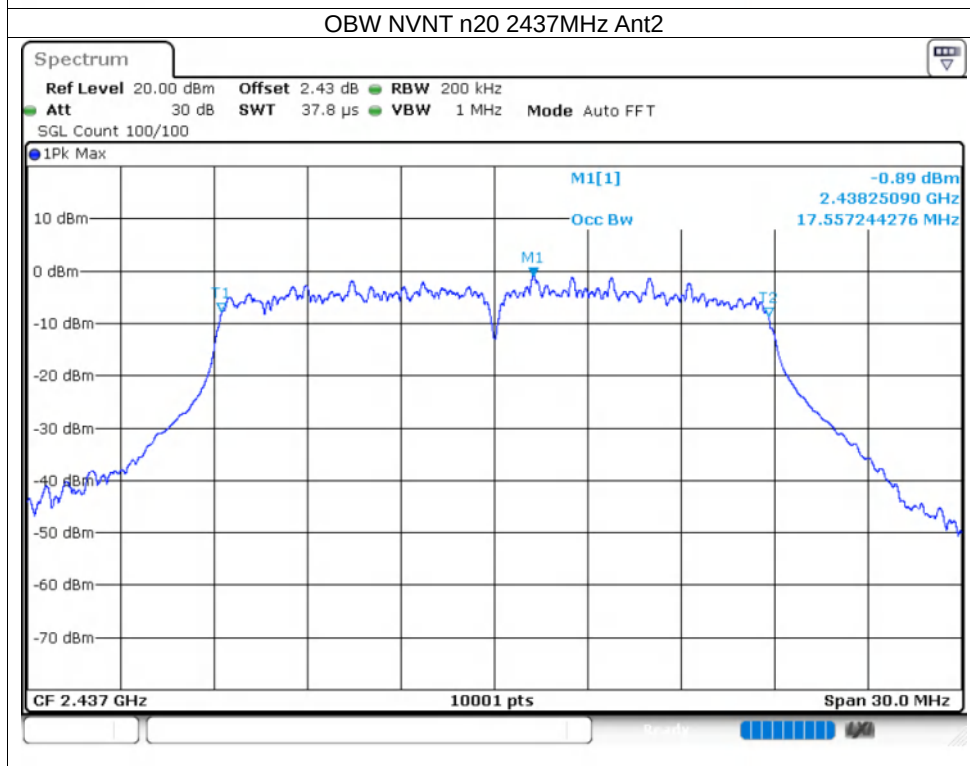
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	n20	2412	Ant1	17.569
NVNT	n20	2412	Ant2	17.551
NVNT	n20	2437	Ant1	17.551
NVNT	n20	2437	Ant2	17.557
NVNT	n20	2462	Ant1	17.497
NVNT	n20	2462	Ant2	17.596
NVNT	n40	2422	Ant1	36.086
NVNT	n40	2422	Ant2	36.068
NVNT	n40	2437	Ant1	36.086
NVNT	n40	2437	Ant2	36.116
NVNT	n40	2452	Ant1	36.116
NVNT	n40	2452	Ant2	36.068

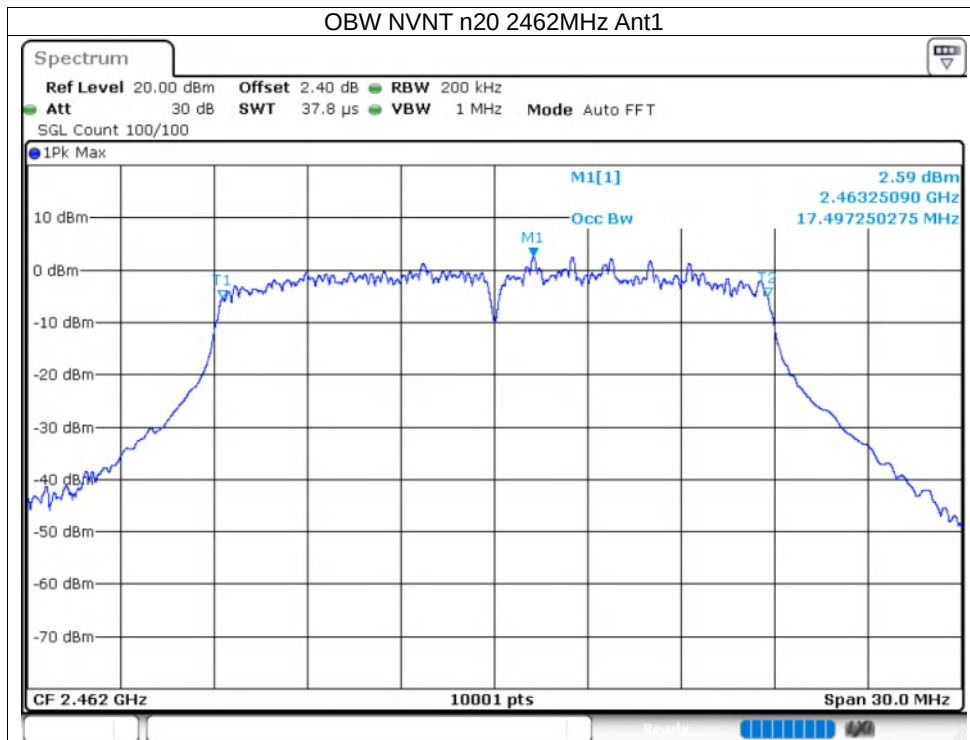
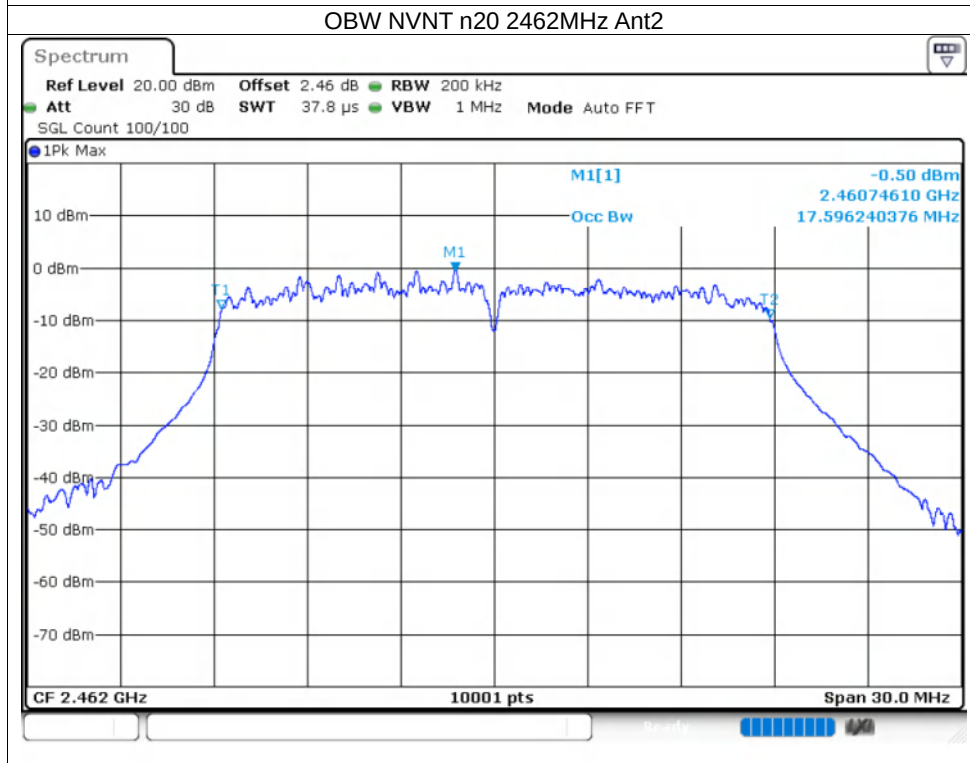
Test Graphs
OBW NVNT n20 2412MHz Ant1

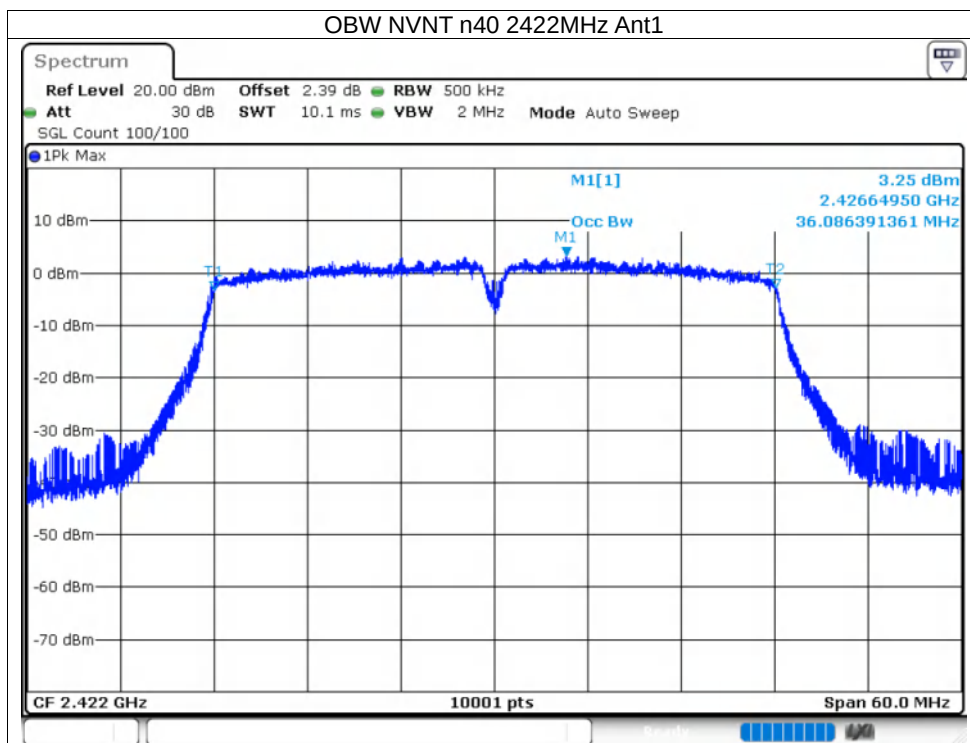
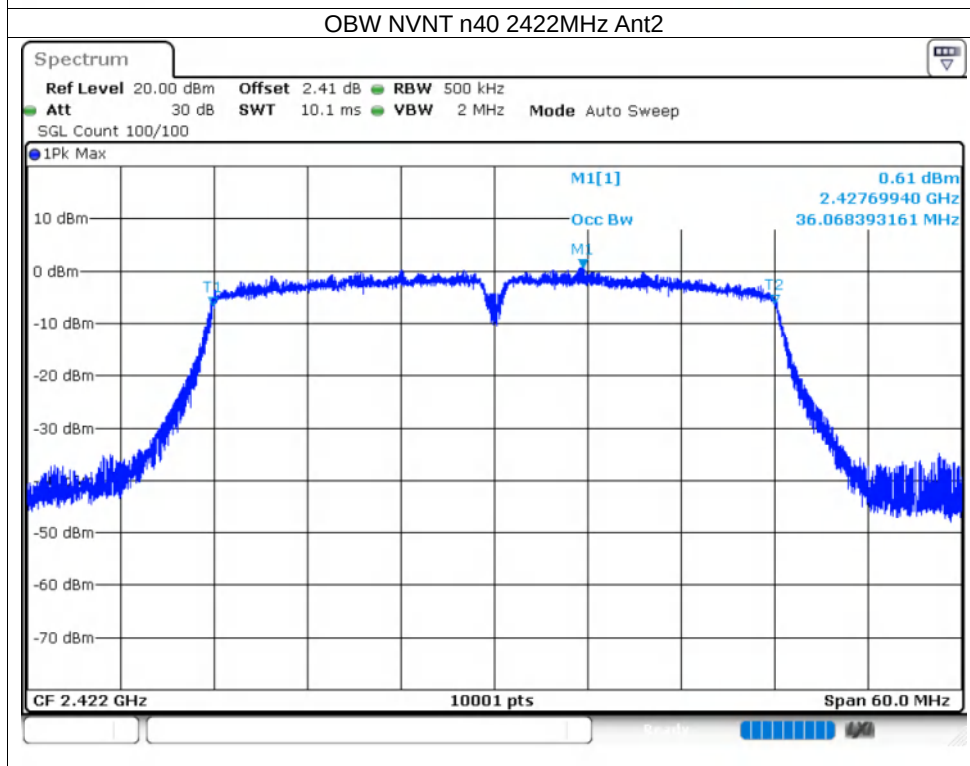


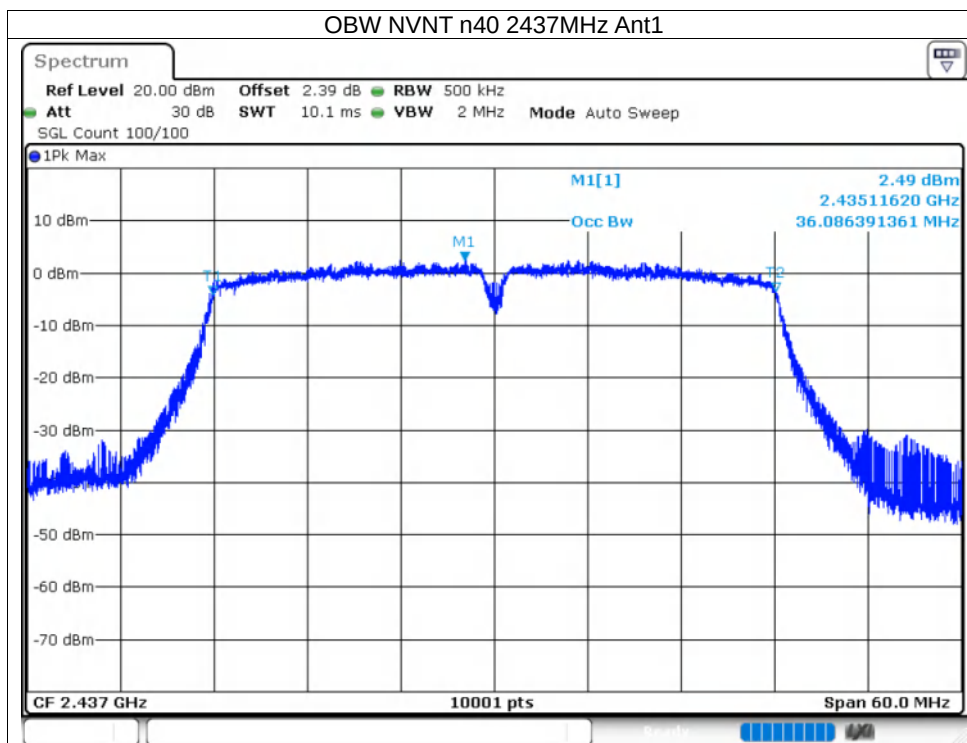
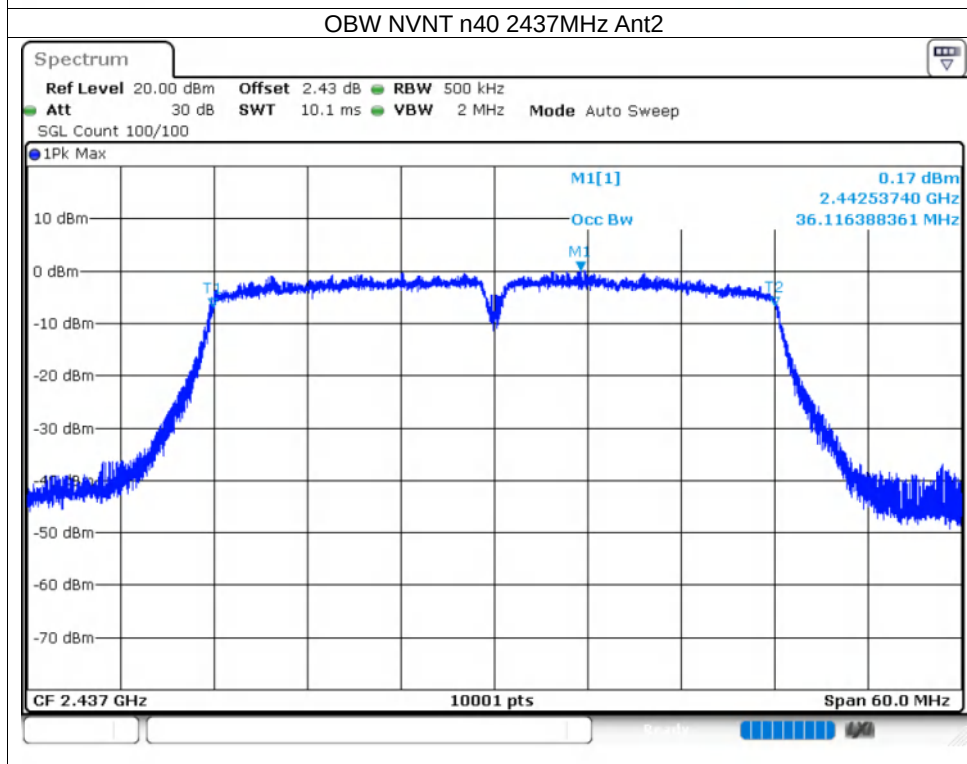
OBW NVNT n20 2412MHz Ant2

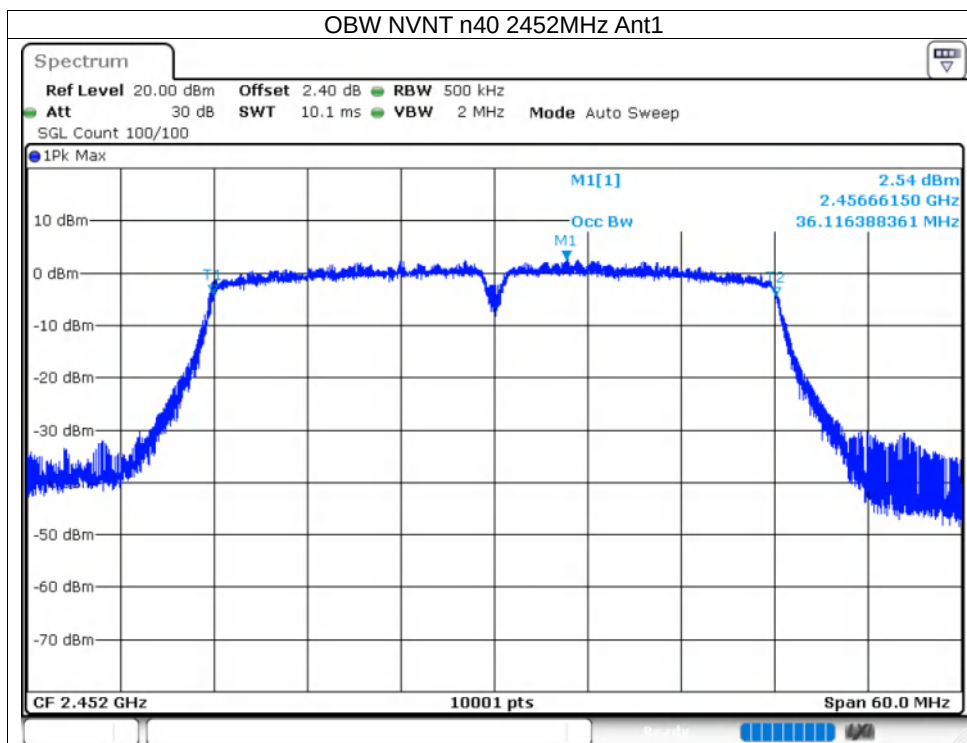
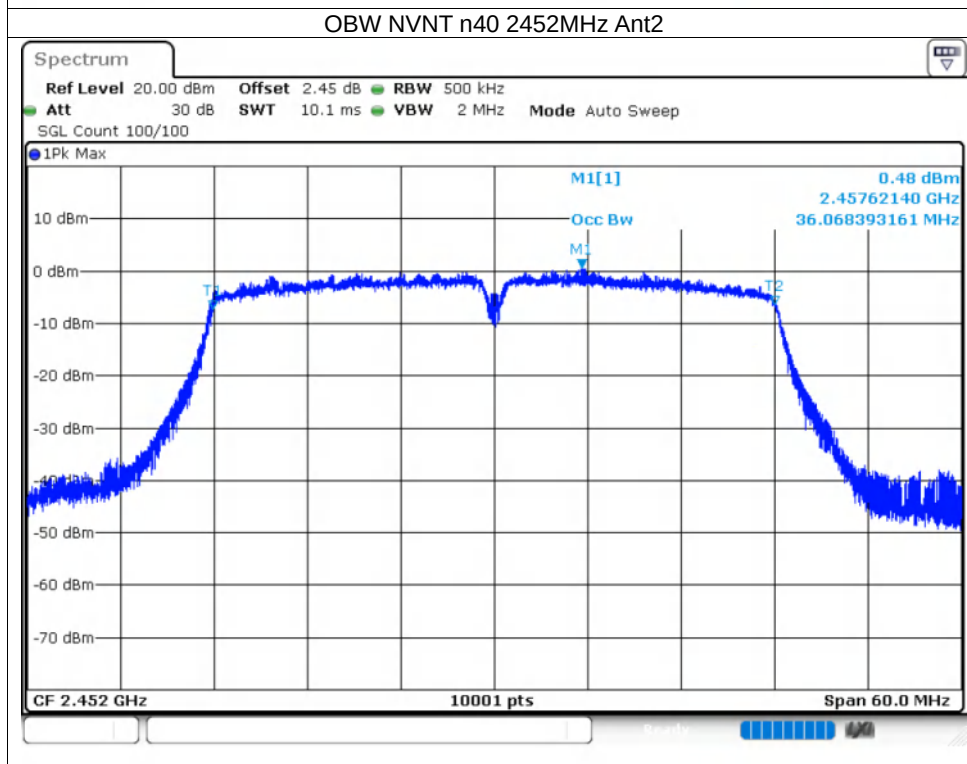






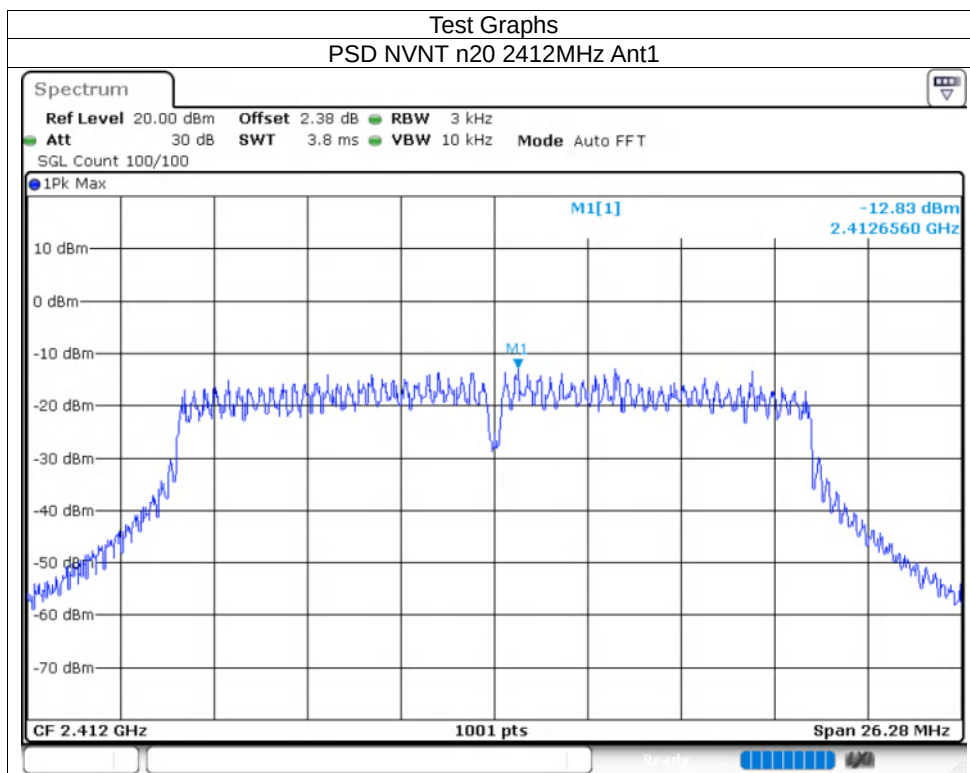
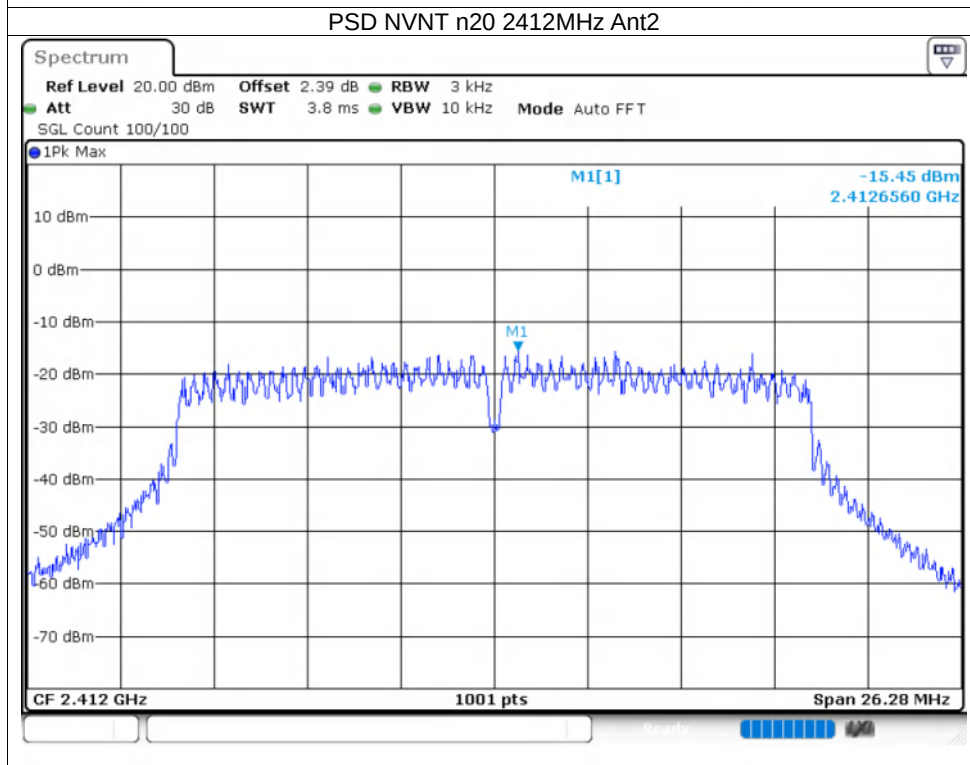


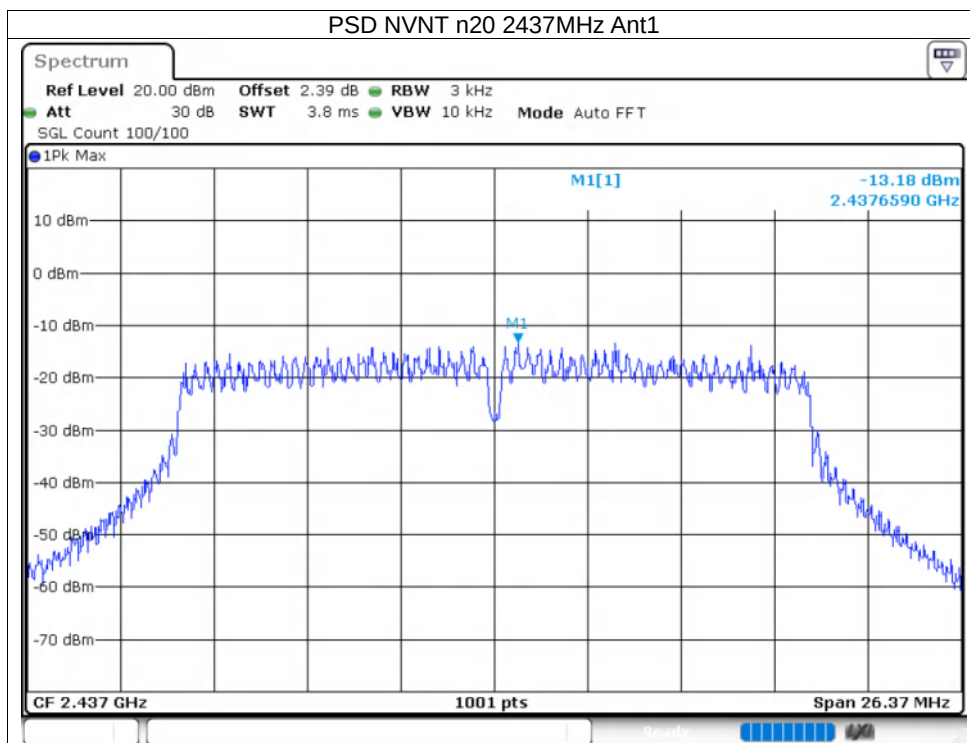
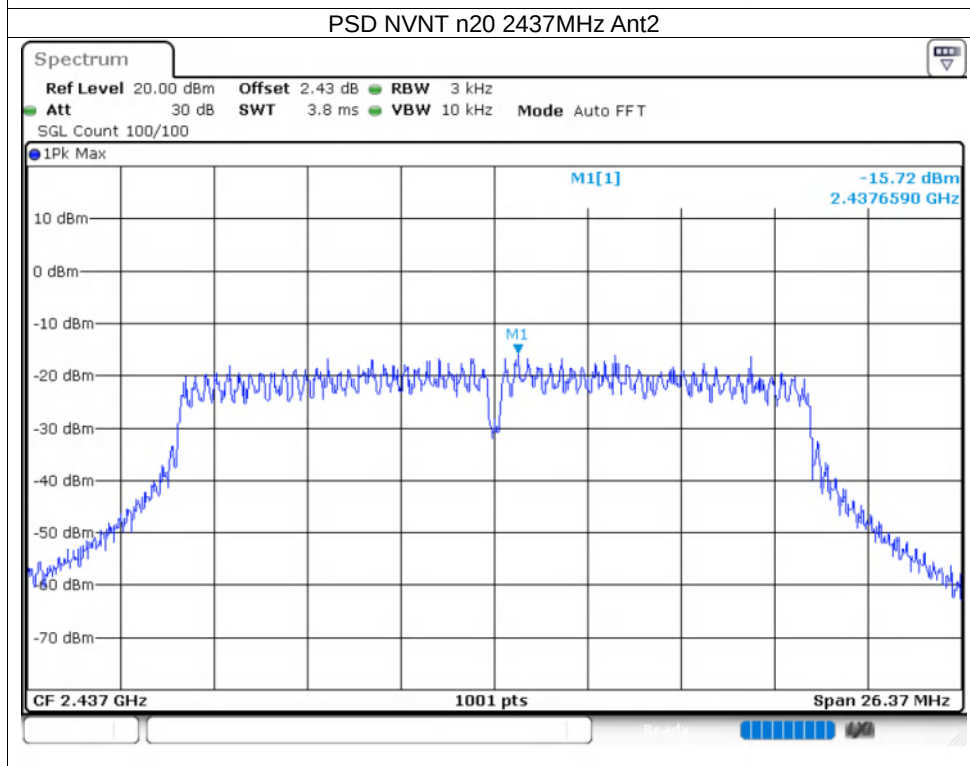


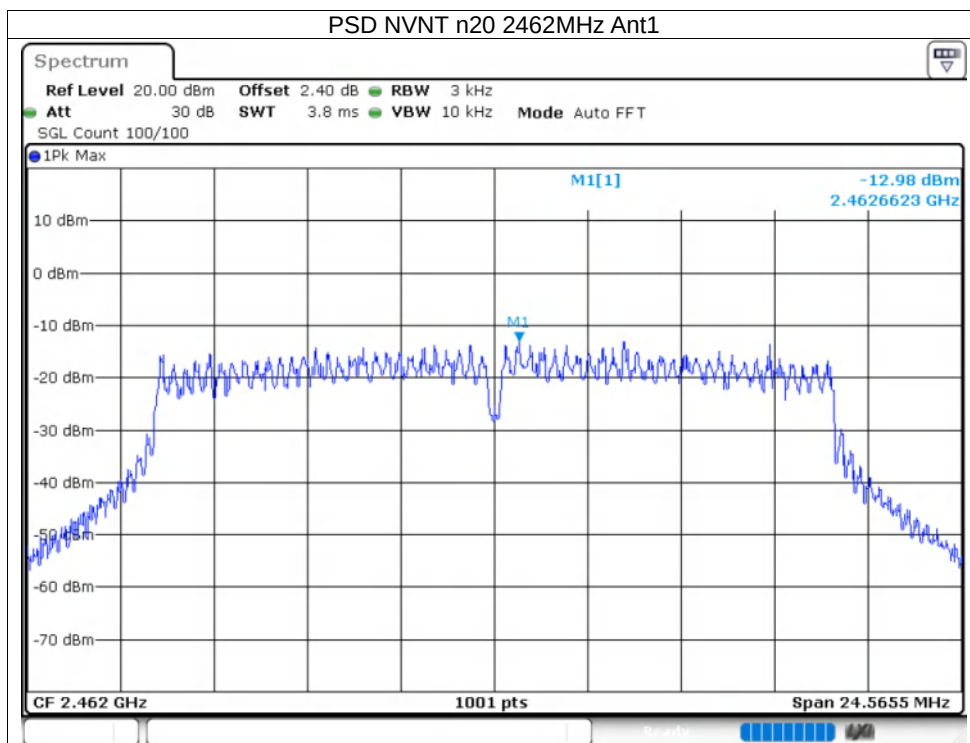
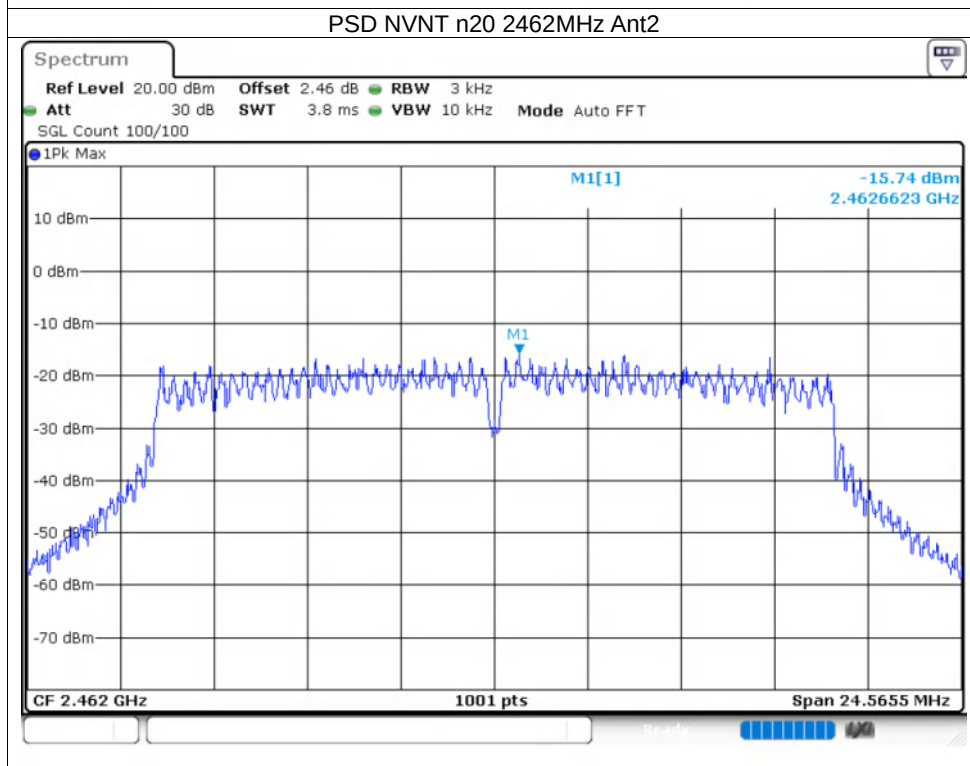


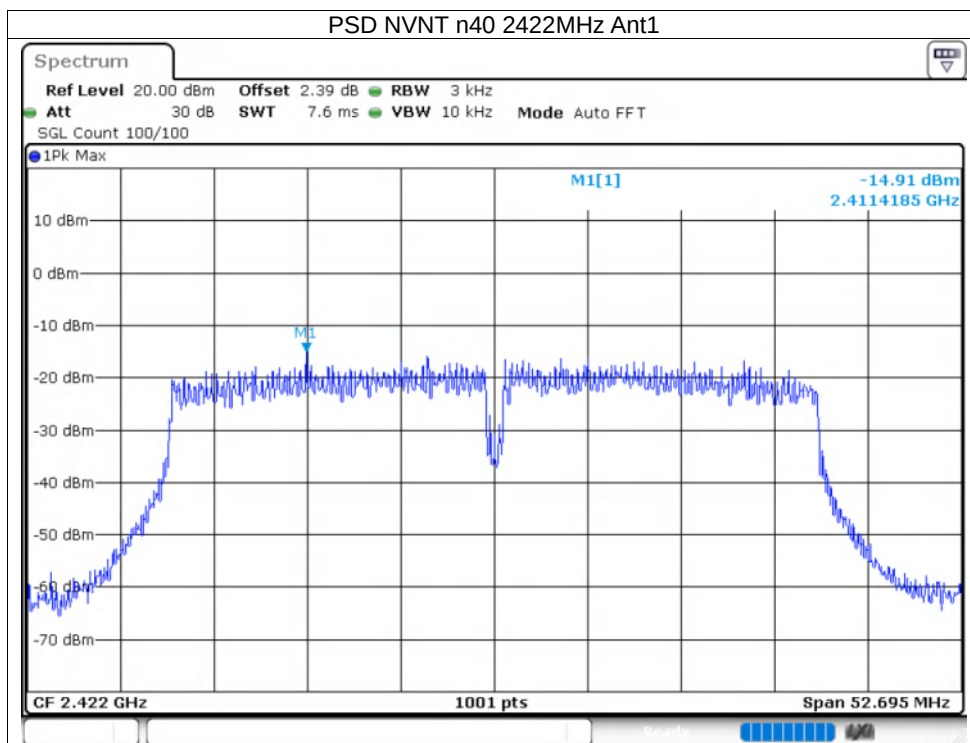
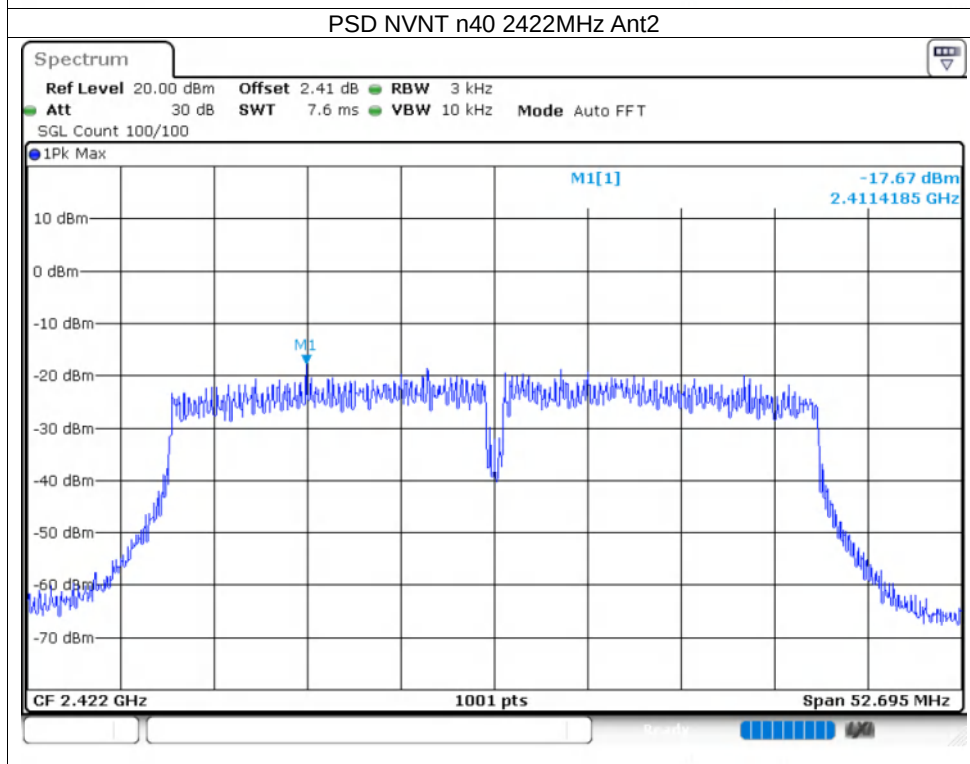
8.2.5 Maximum Power Spectral Density Level

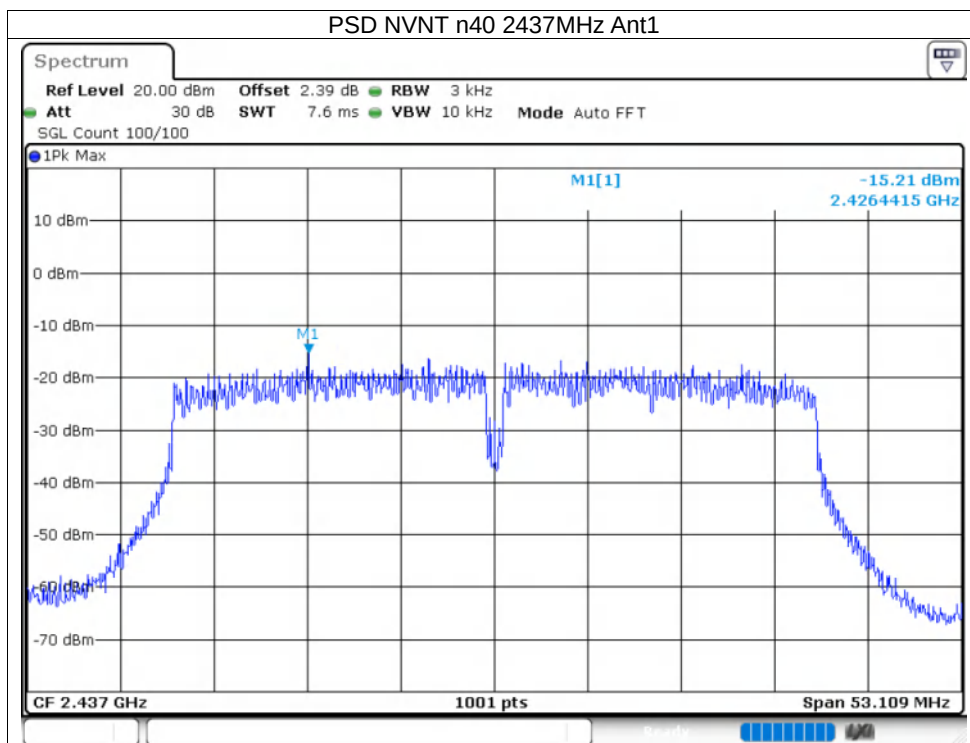
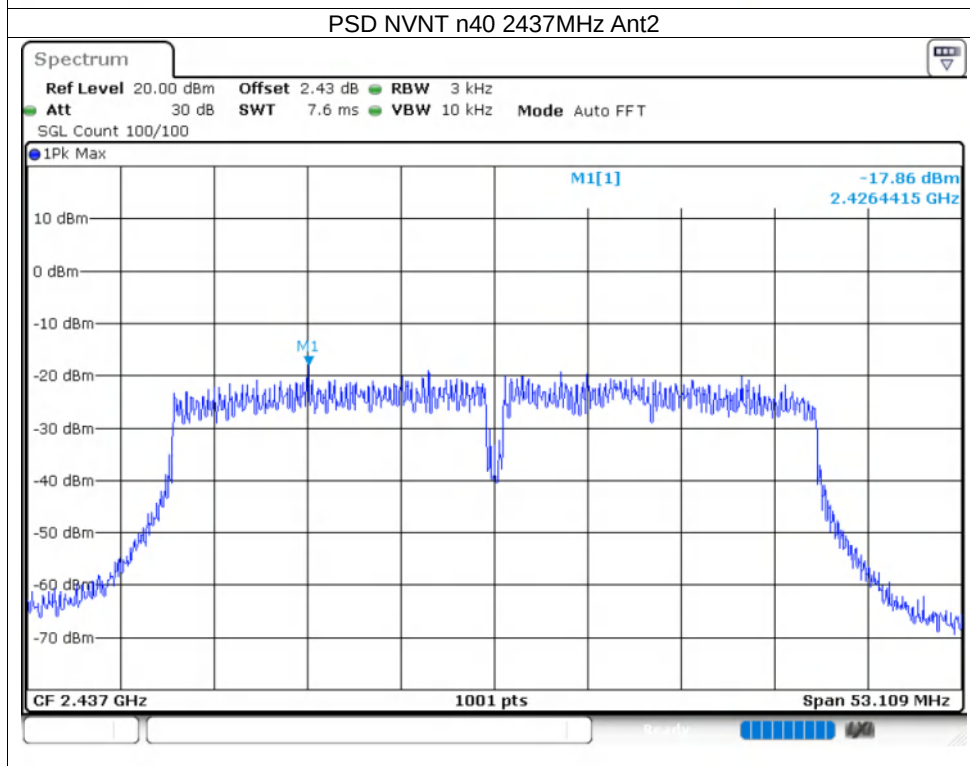
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	n20	2412	Ant1	-12.83	8	Pass
NVNT	n20	2412	Ant2	-15.45	8	Pass
NVNT	n20	2412	Sum	-10.94	8	Pass
NVNT	n20	2437	Ant1	-13.18	8	Pass
NVNT	n20	2437	Ant2	-15.72	8	Pass
NVNT	n20	2437	Sum	-11.26	8	Pass
NVNT	n20	2462	Ant1	-12.98	8	Pass
NVNT	n20	2462	Ant2	-15.74	8	Pass
NVNT	n20	2462	Sum	-11.13	8	Pass
NVNT	n40	2422	Ant1	-14.91	8	Pass
NVNT	n40	2422	Ant2	-17.67	8	Pass
NVNT	n40	2422	Sum	-13.06	8	Pass
NVNT	n40	2437	Ant1	-15.21	8	Pass
NVNT	n40	2437	Ant2	-17.86	8	Pass
NVNT	n40	2437	Sum	-13.33	8	Pass
NVNT	n40	2452	Ant1	-15.37	8	Pass
NVNT	n40	2452	Ant2	-17.82	8	Pass
NVNT	n40	2452	Sum	-13.41	8	Pass

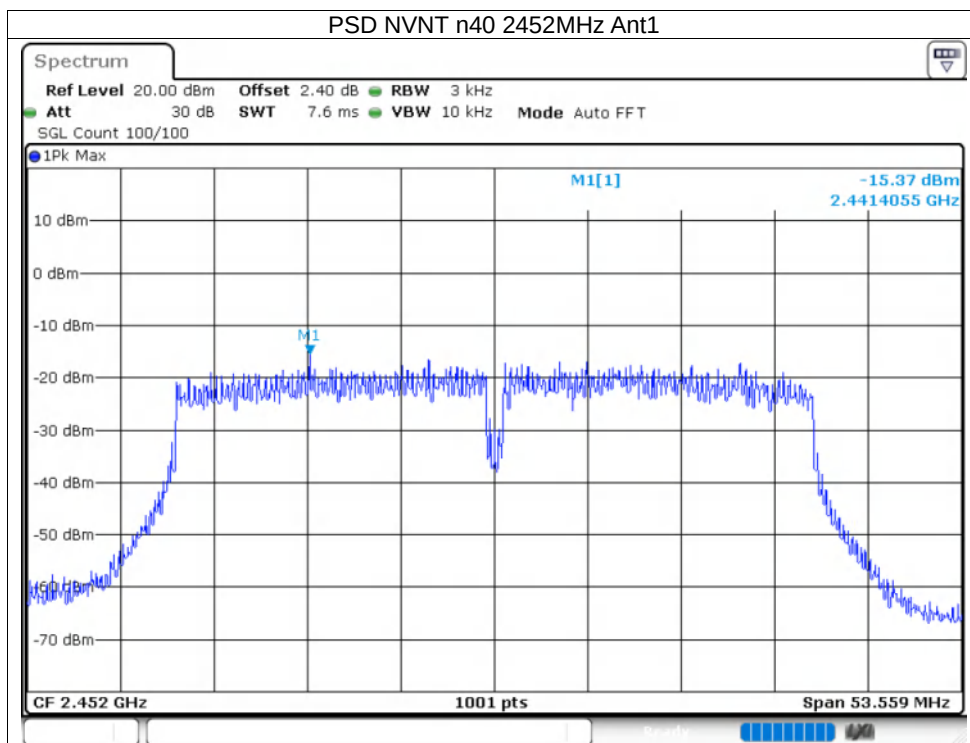
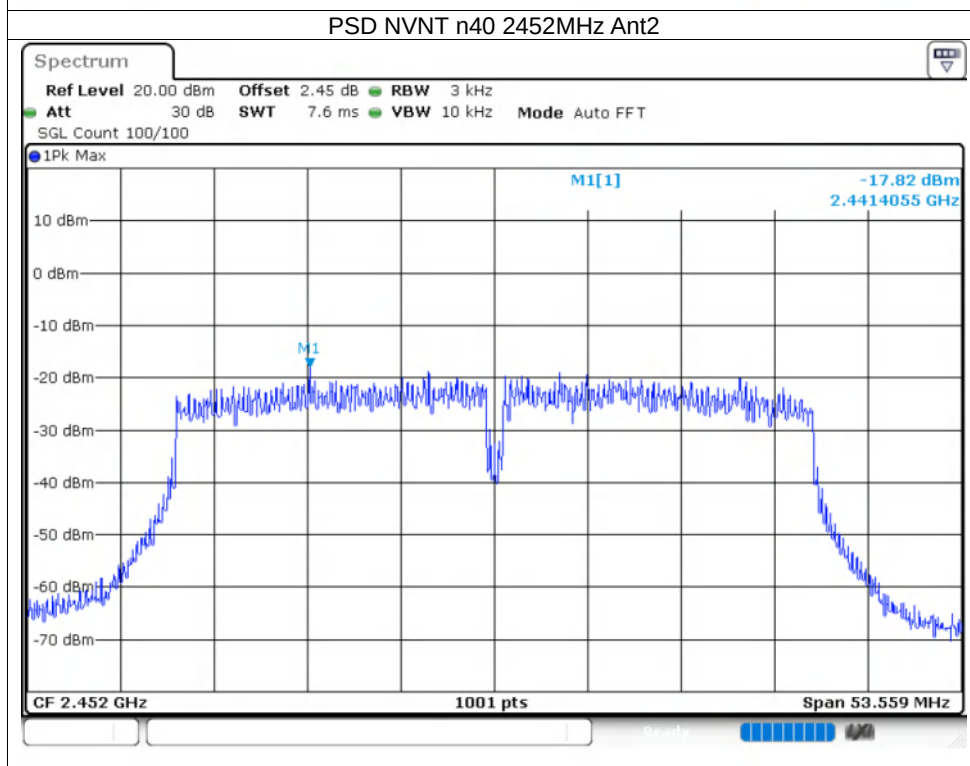






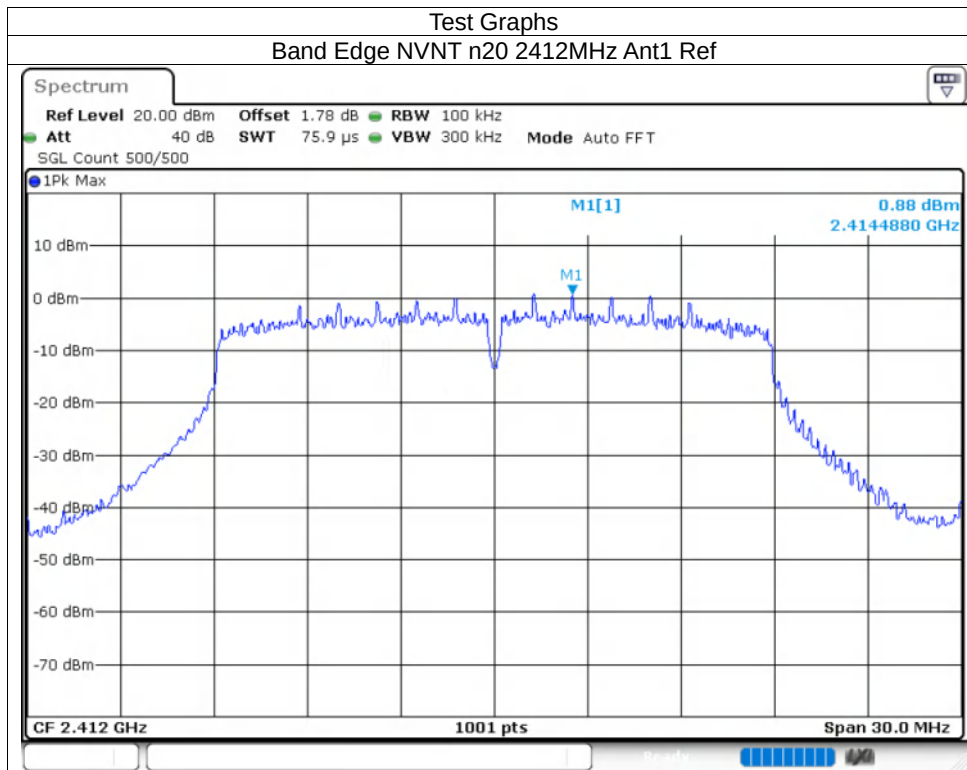
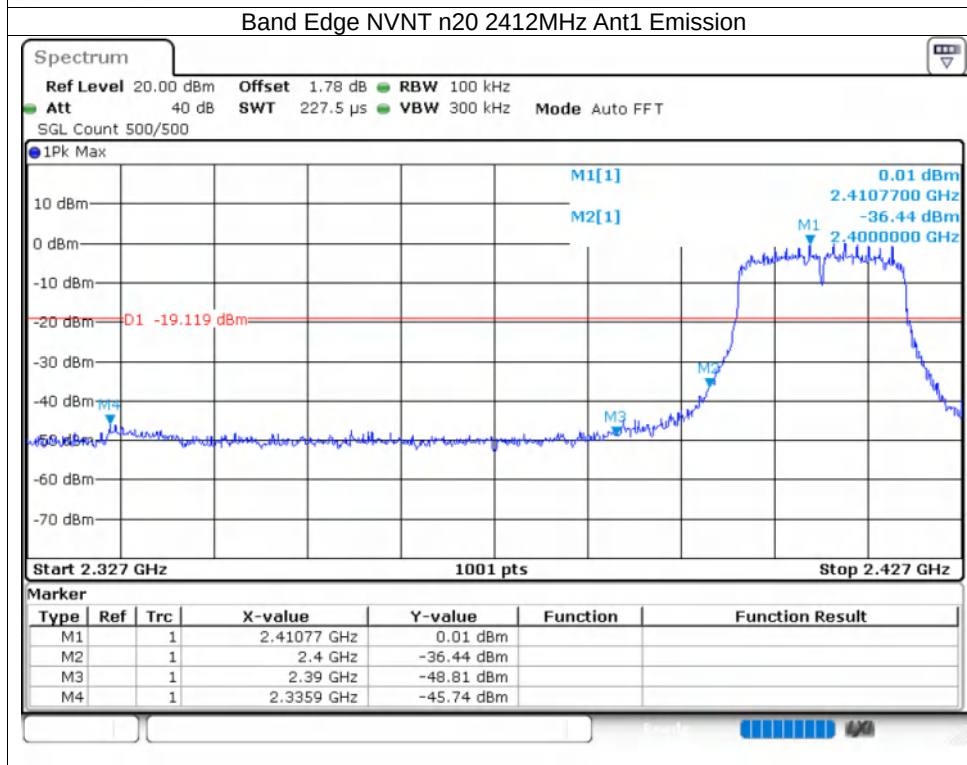


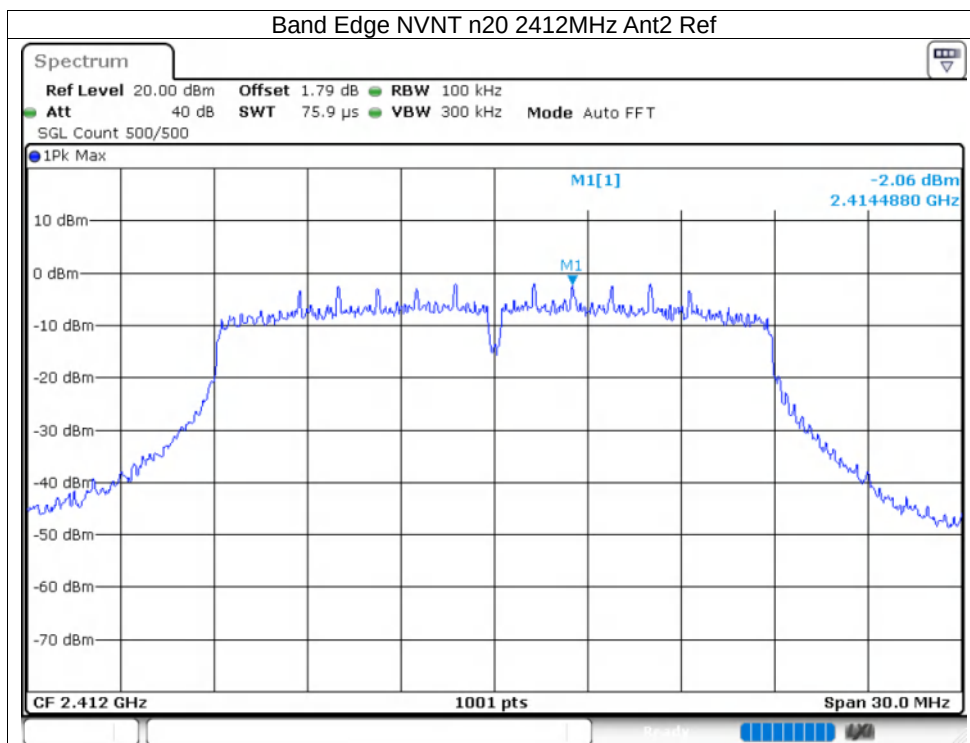
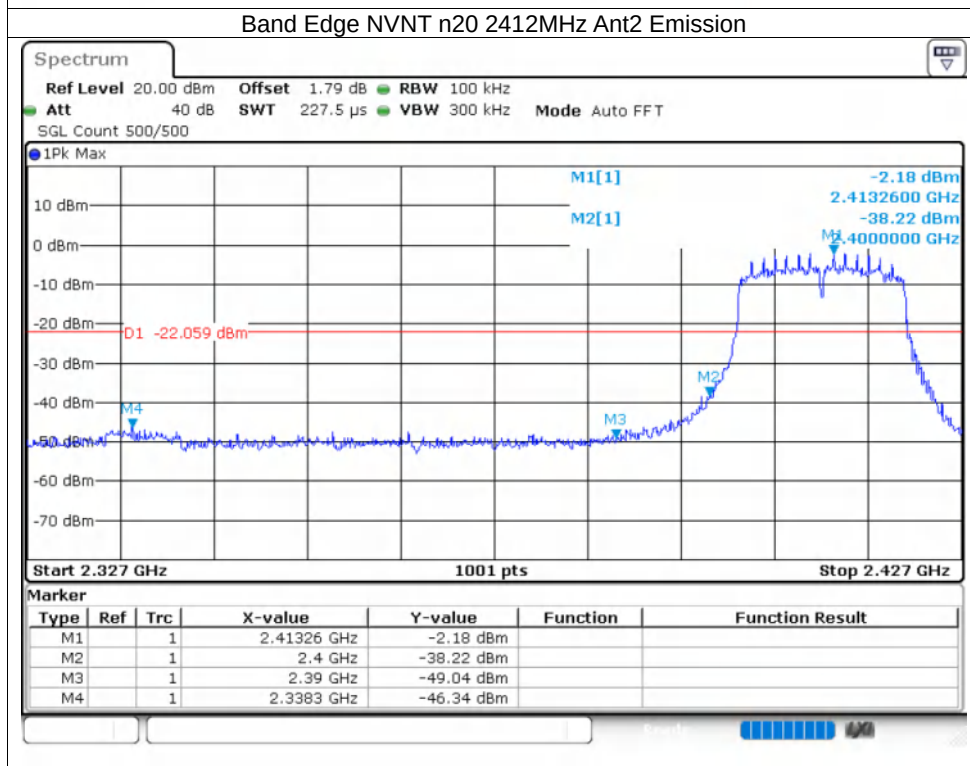


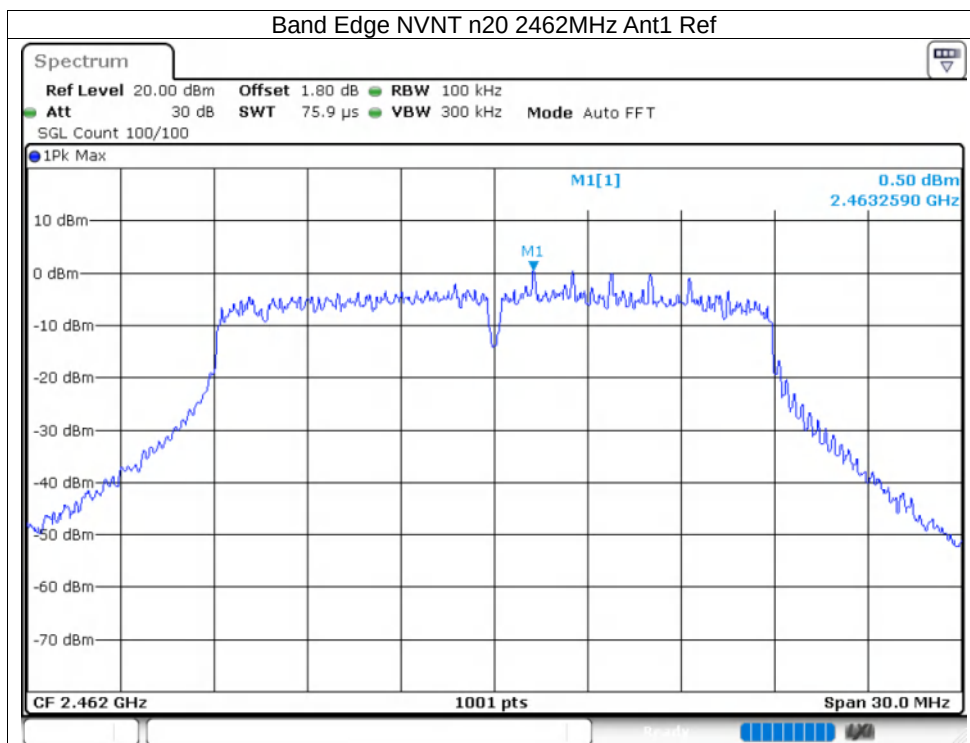
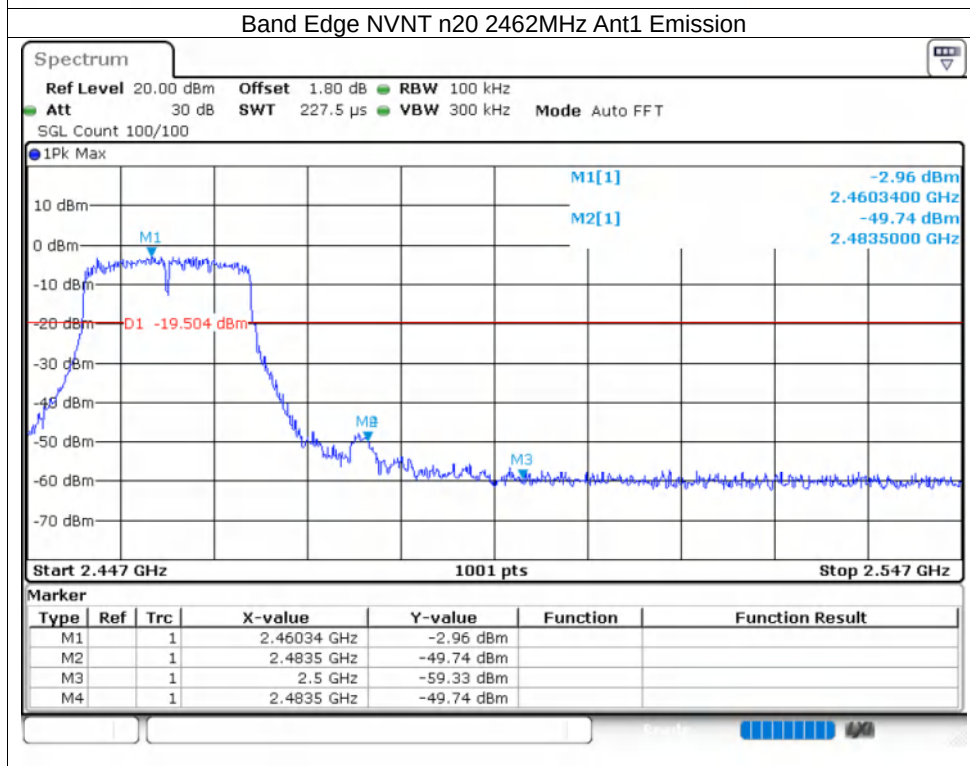


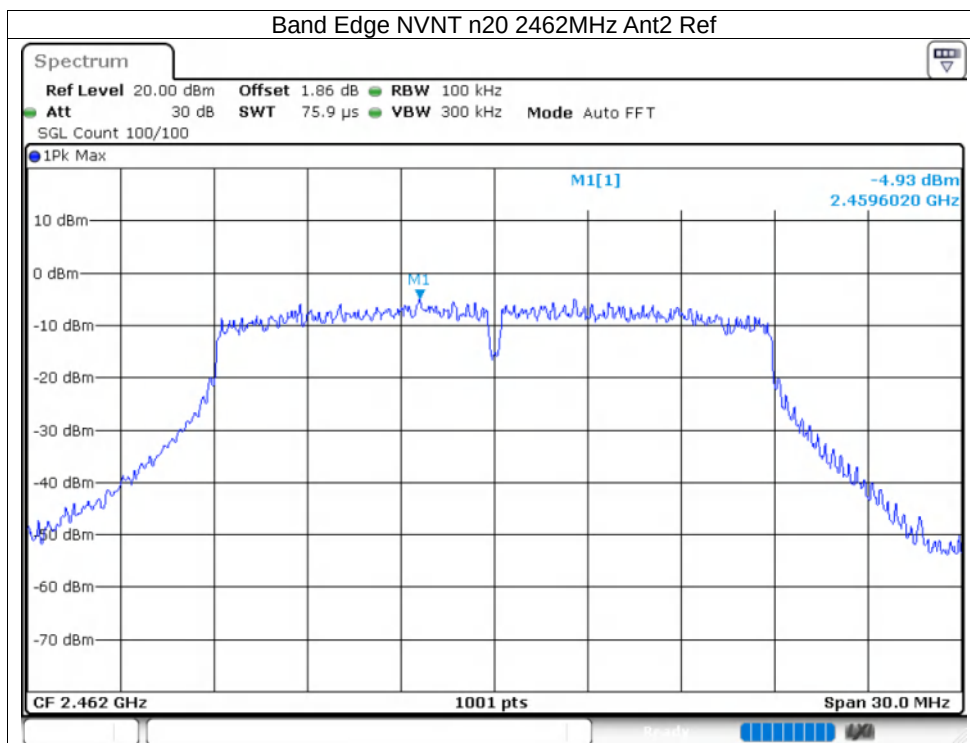
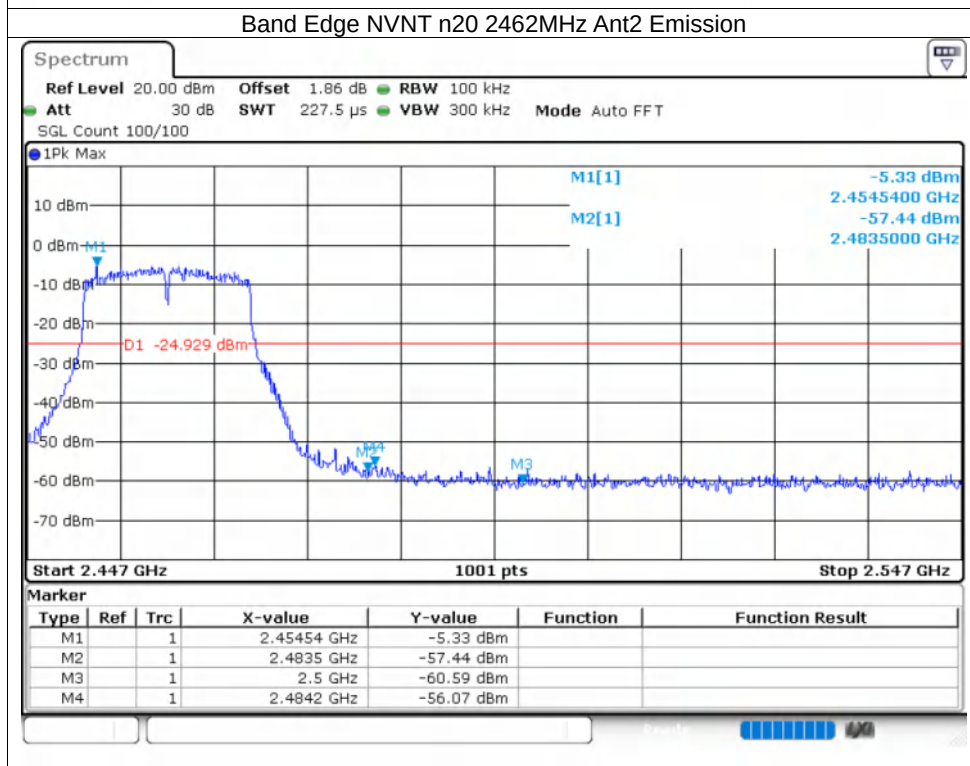
8.2.6 Band Edge

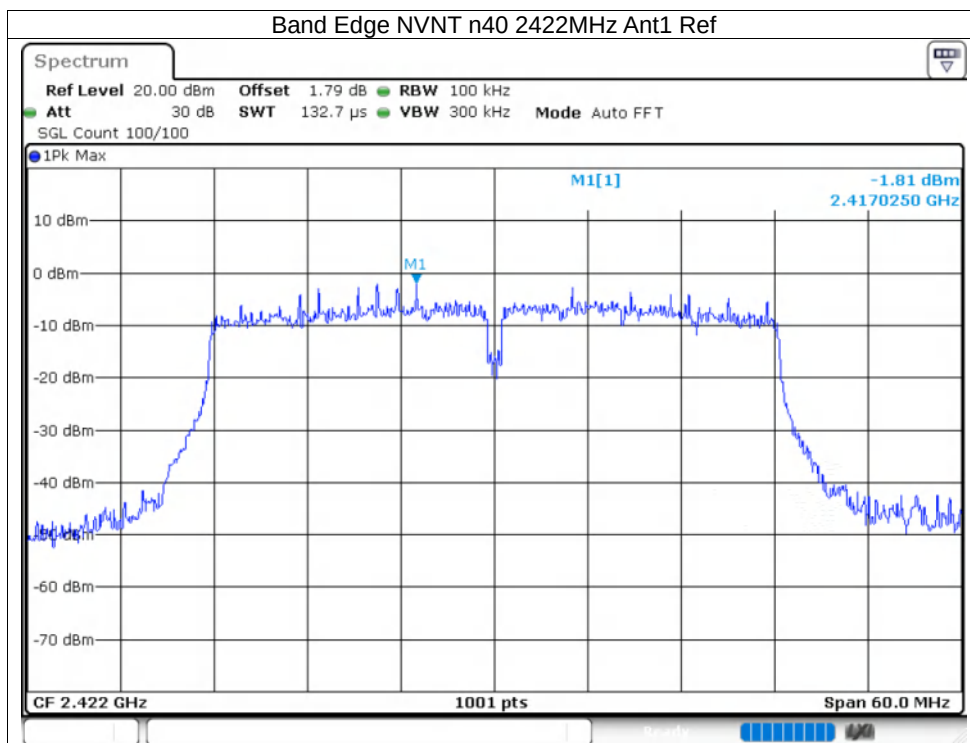
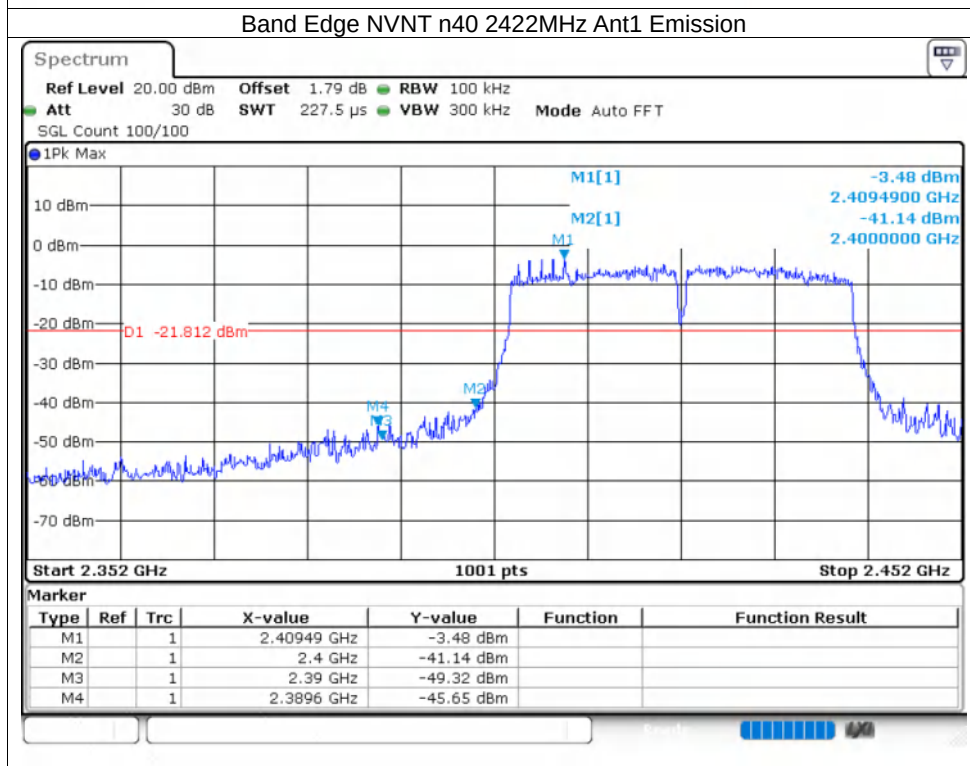
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	n20	2412	Ant1	-46.62	-20	Pass
NVNT	n20	2412	Ant2	-44.27	-20	Pass
NVNT	n20	2462	Ant1	-50.24	-20	Pass
NVNT	n20	2462	Ant2	-51.14	-20	Pass
NVNT	n40	2422	Ant1	-43.83	-20	Pass
NVNT	n40	2422	Ant2	-42.45	-20	Pass
NVNT	n40	2452	Ant1	-43.48	-20	Pass
NVNT	n40	2452	Ant2	-45.65	-20	Pass

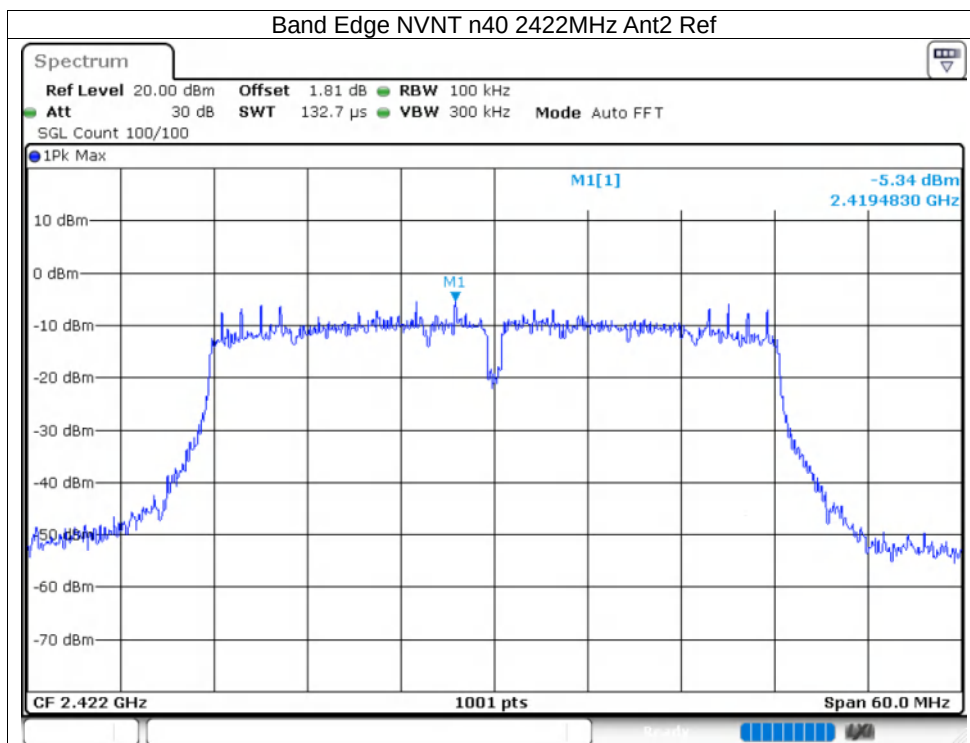
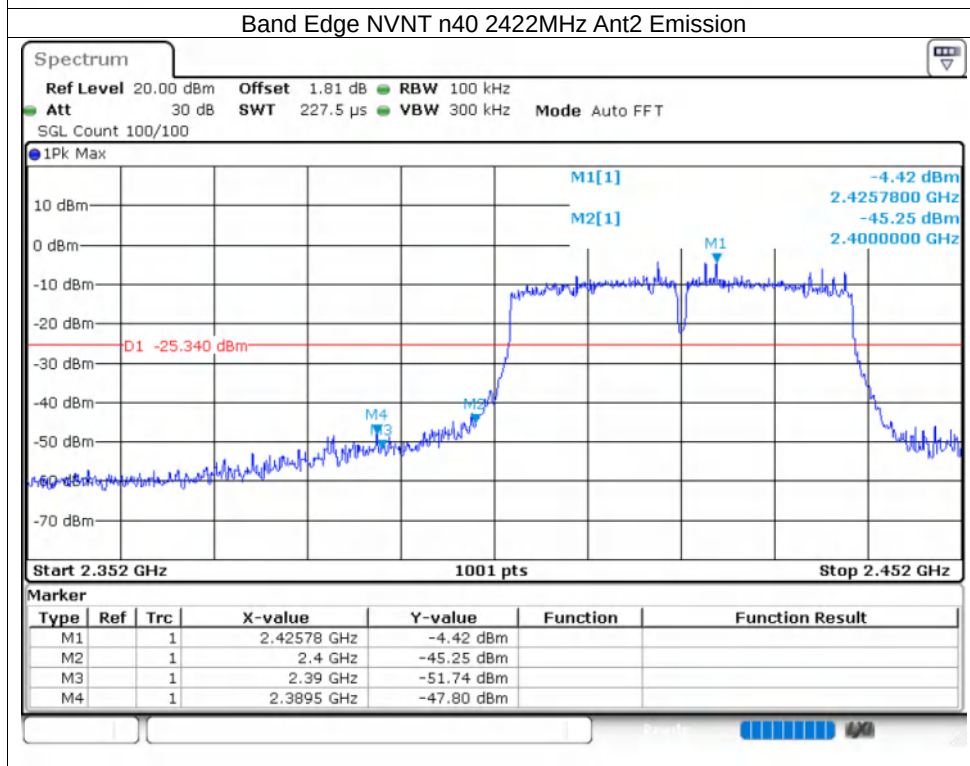


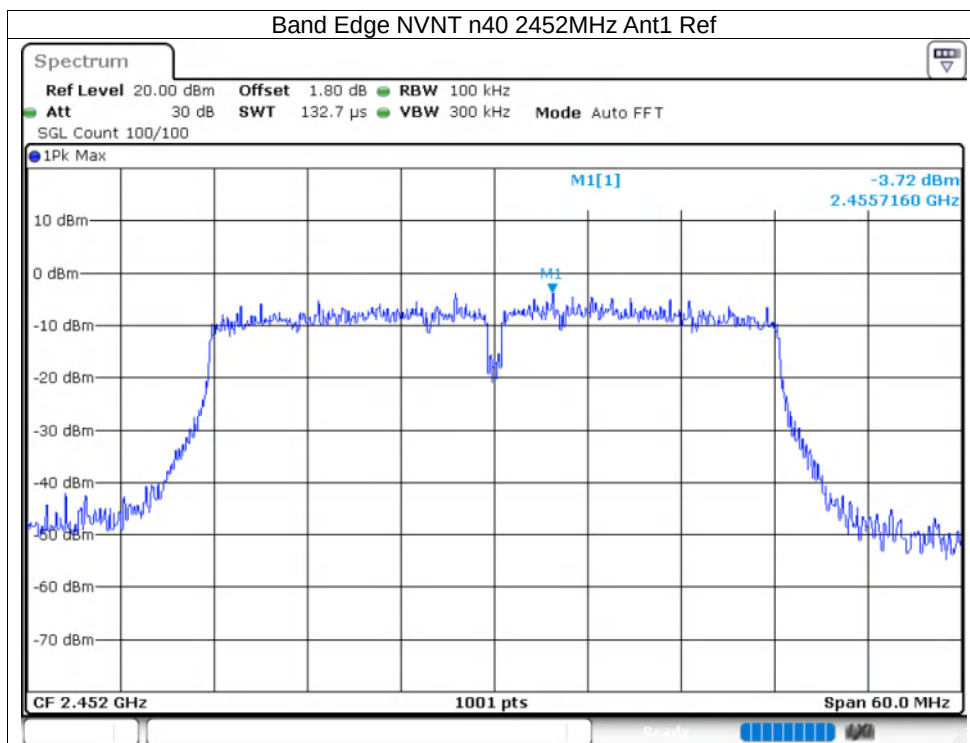
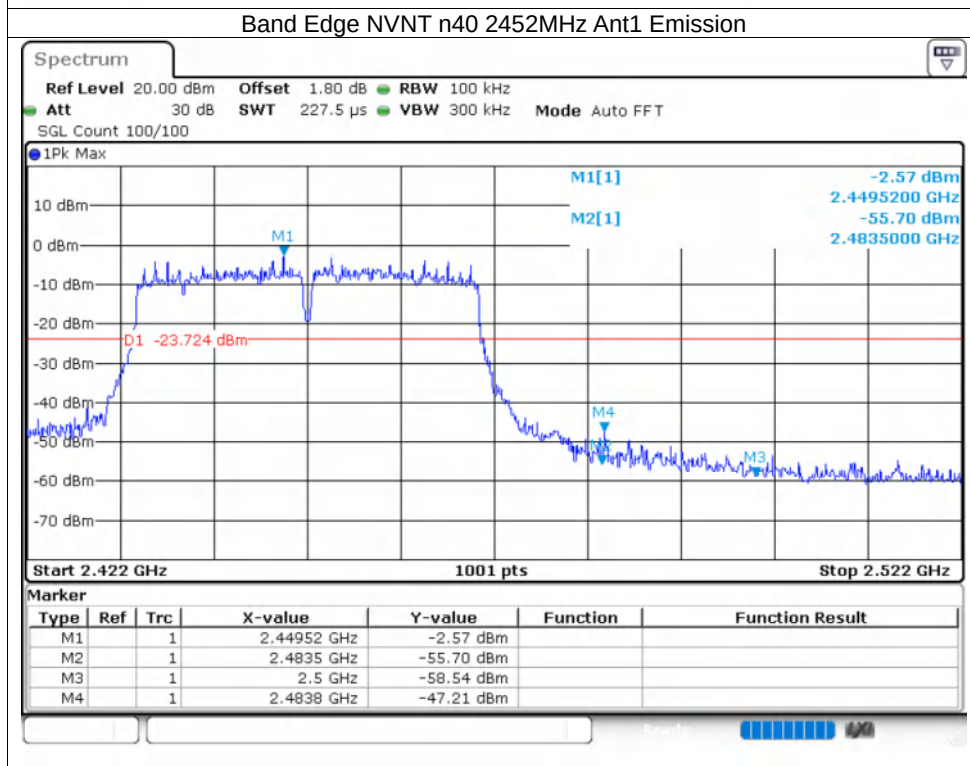


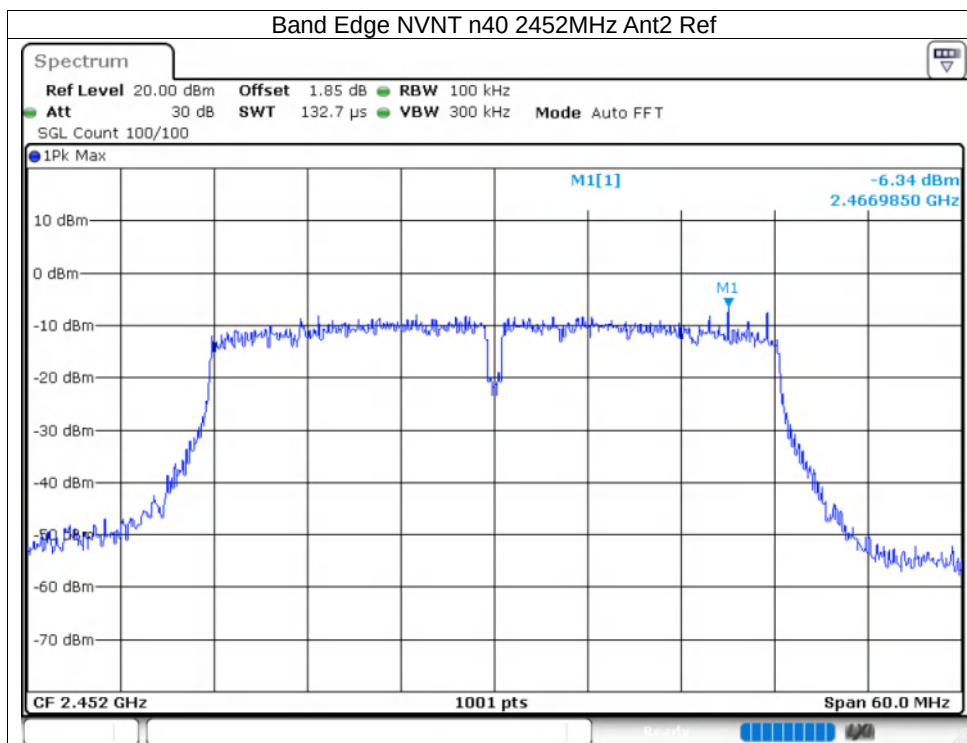
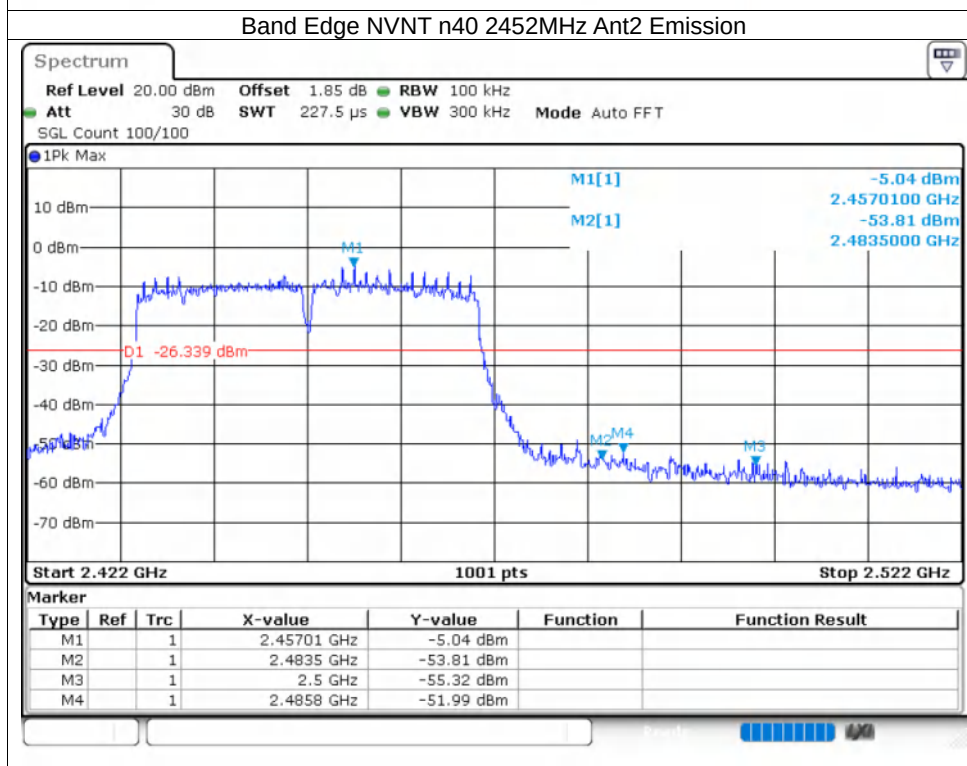






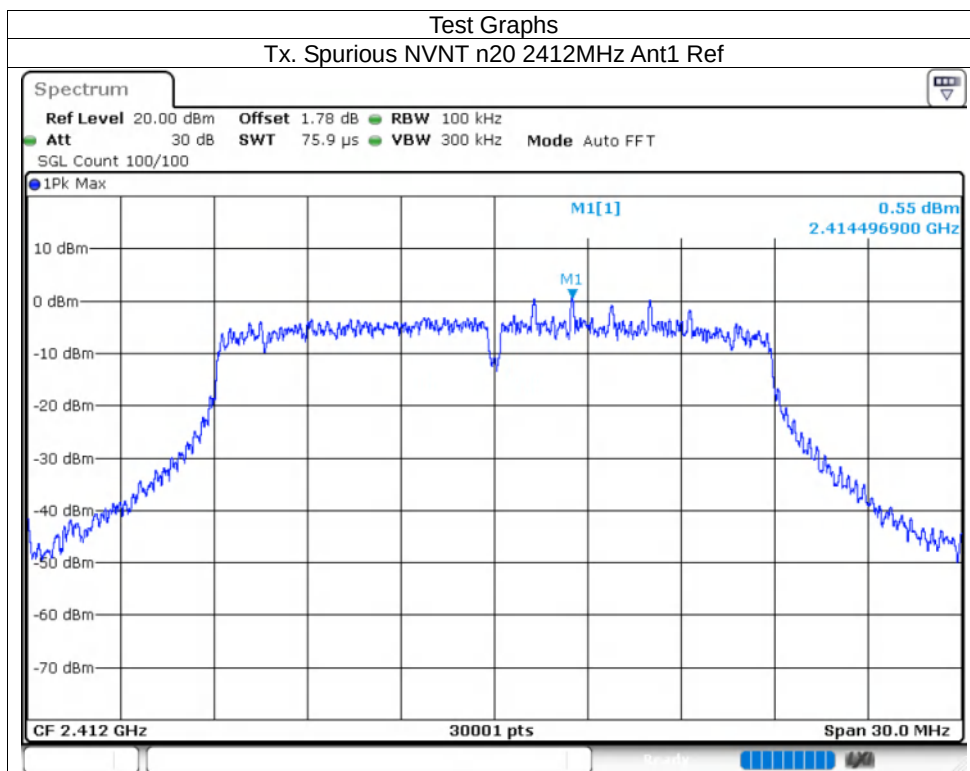
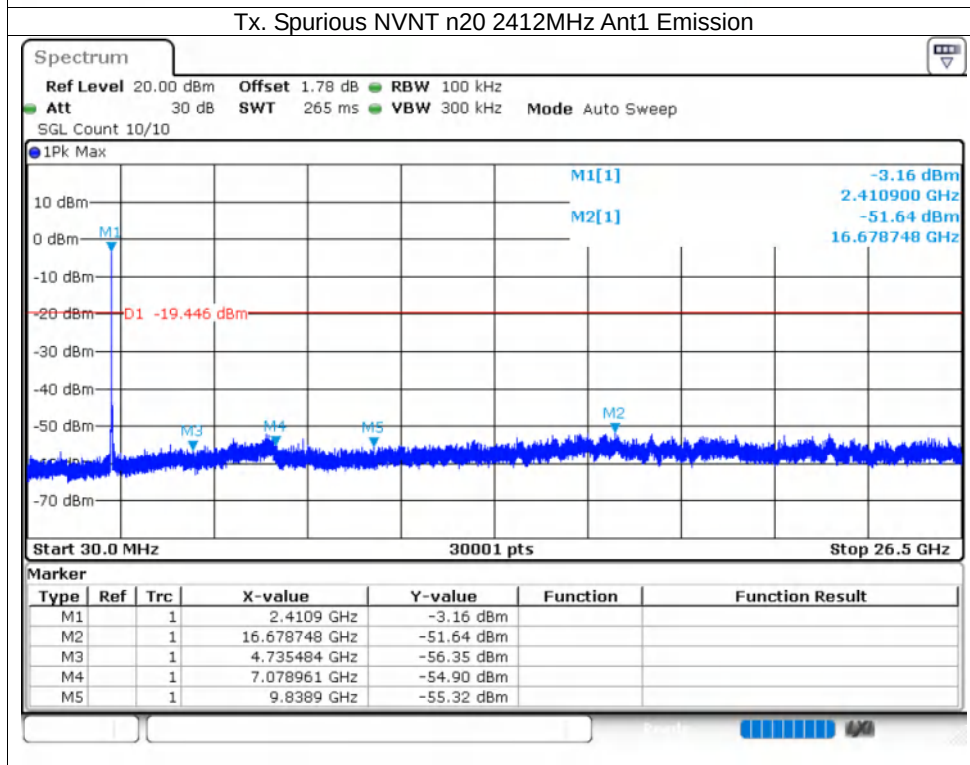


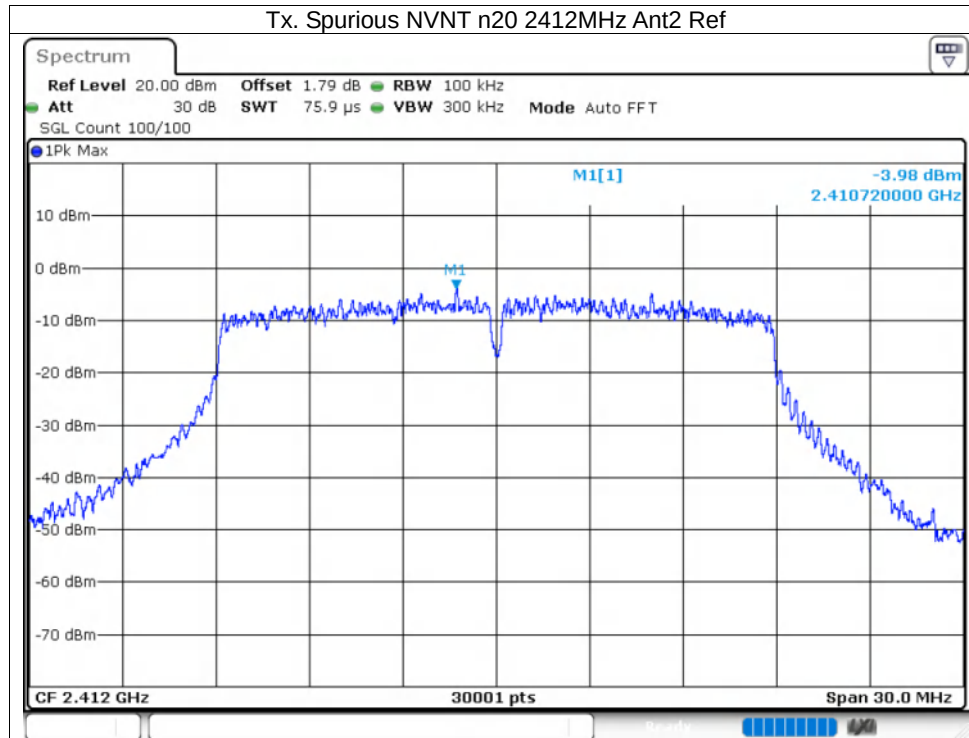
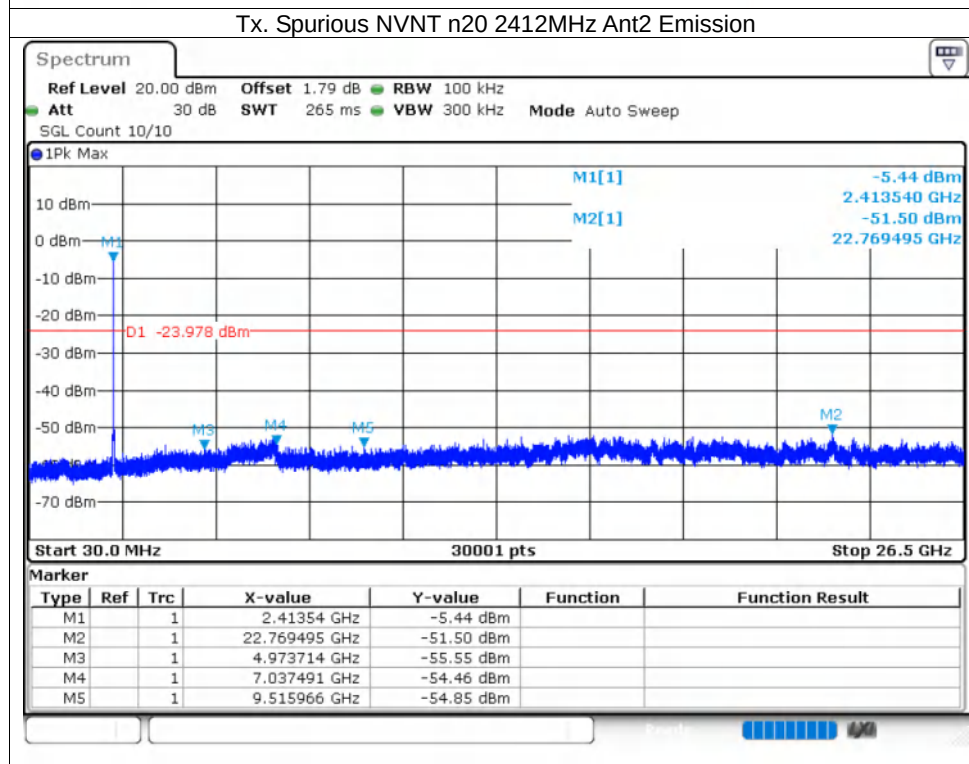


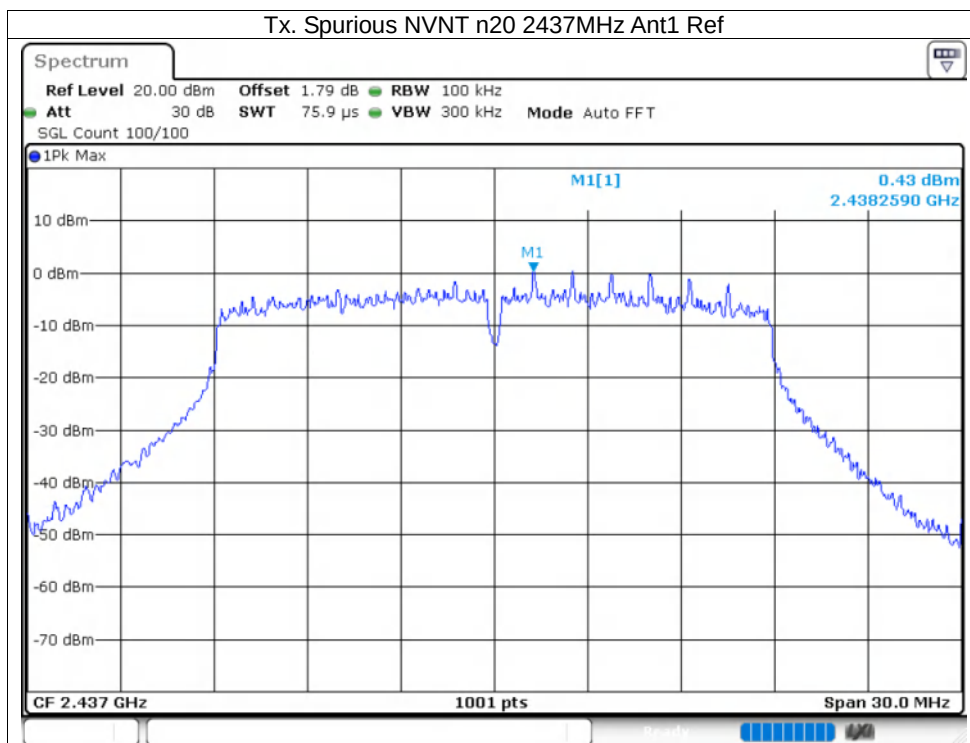
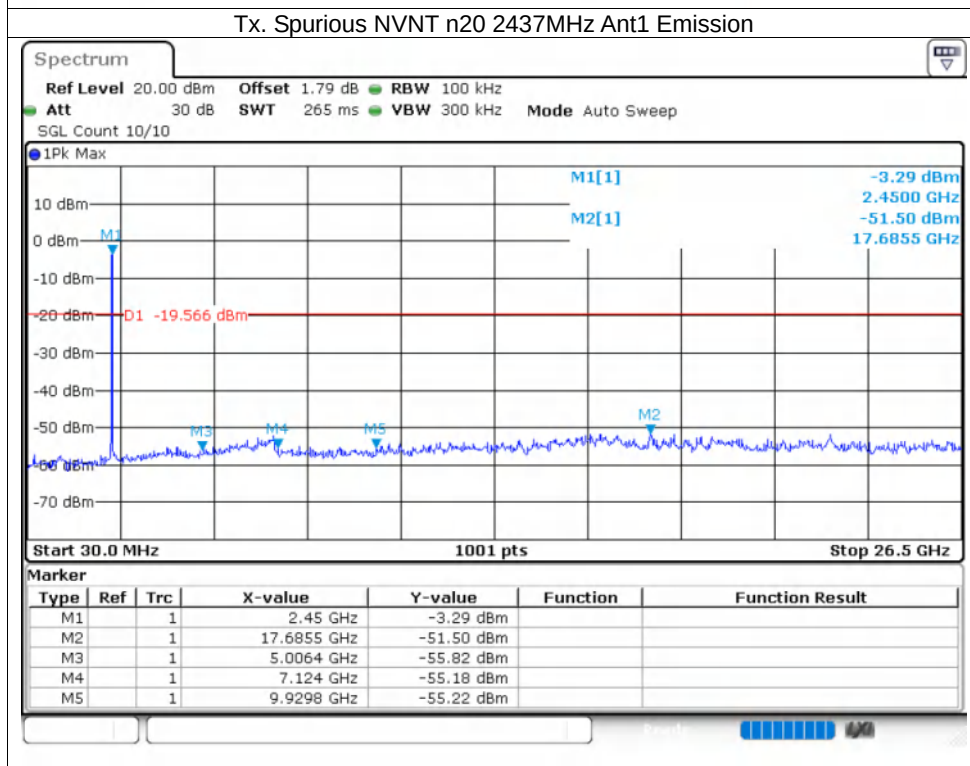


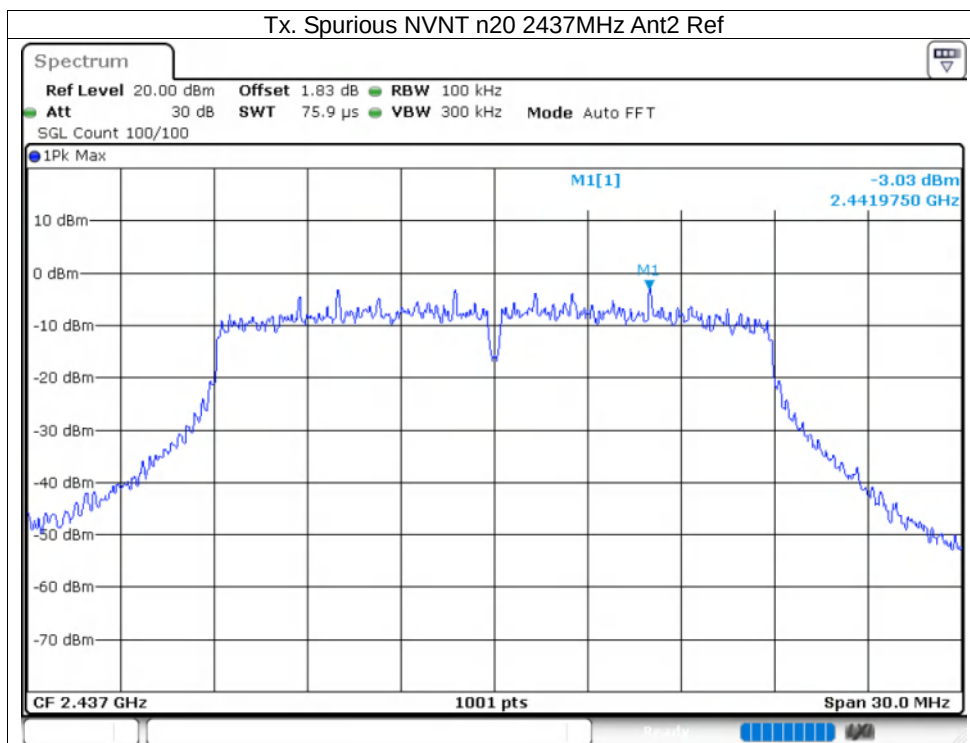
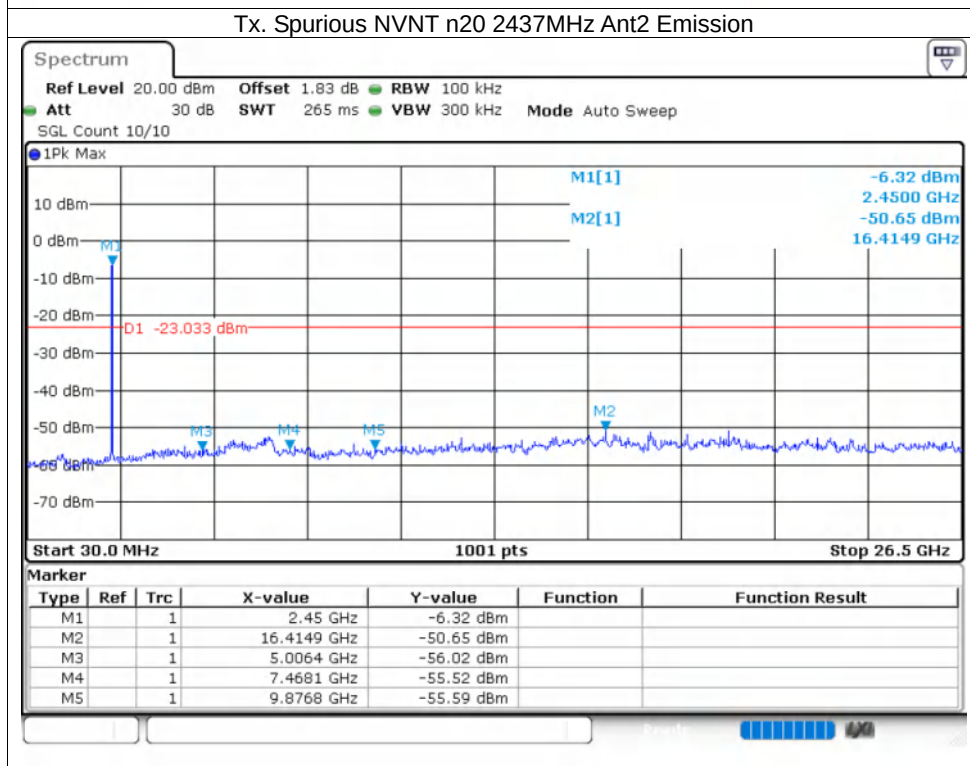
8.2.7 Conducted RF Spurious Emission

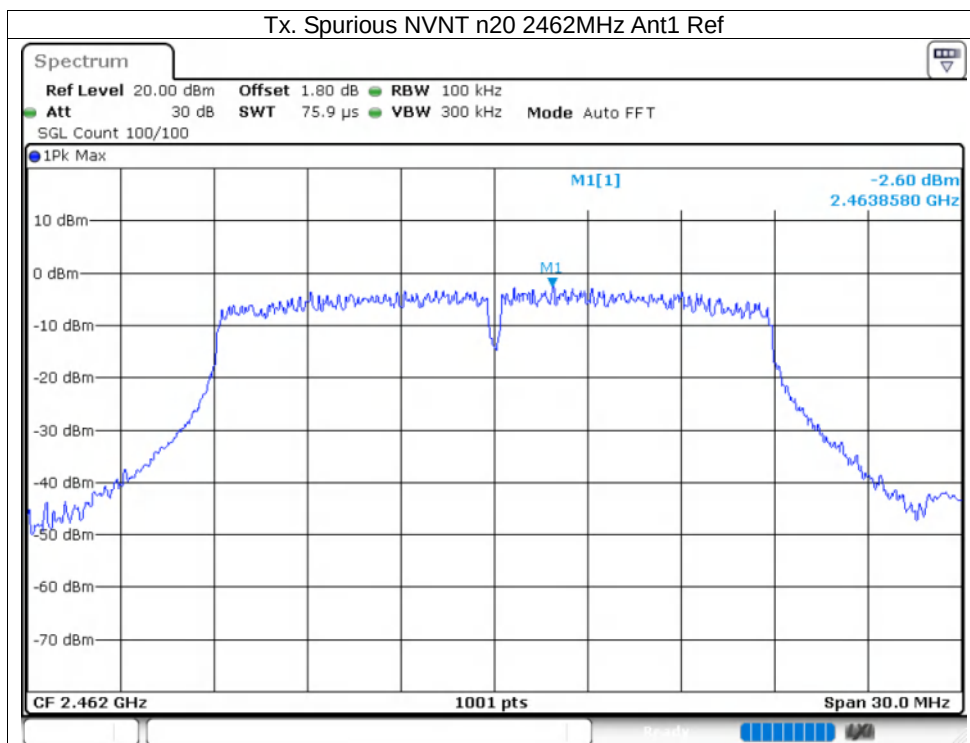
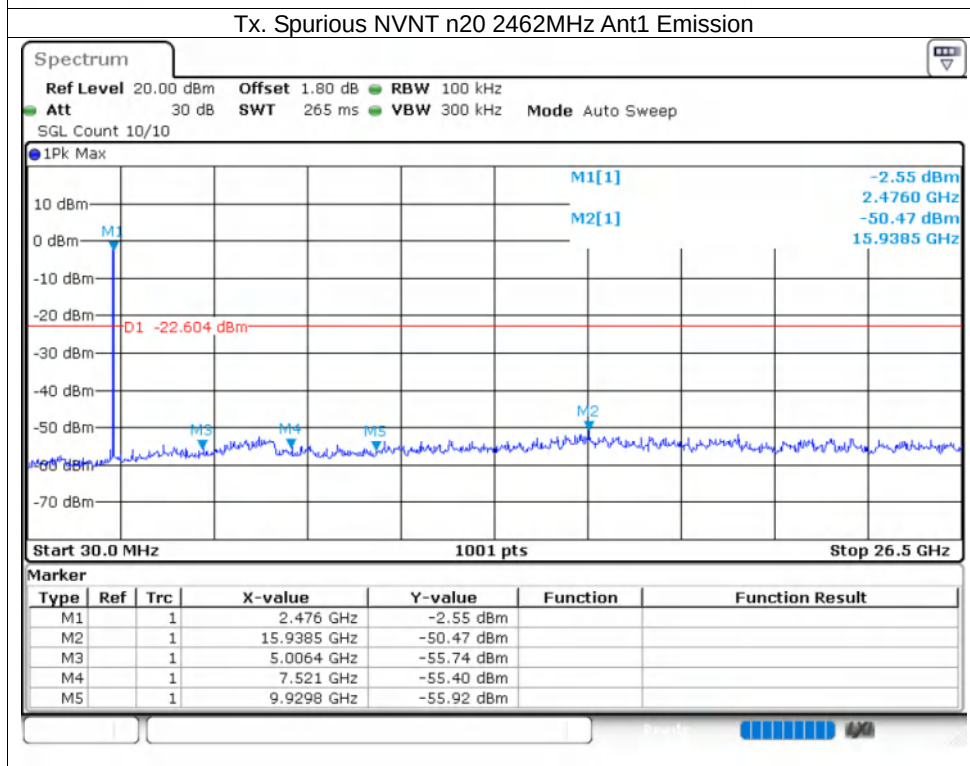
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	n20	2412	Ant1	-52.19	-20	Pass
NVNT	n20	2412	Ant2	-47.52	-20	Pass
NVNT	n20	2437	Ant1	-51.92	-20	Pass
NVNT	n20	2437	Ant2	-47.62	-20	Pass
NVNT	n20	2462	Ant1	-47.87	-20	Pass
NVNT	n20	2462	Ant2	-46.93	-20	Pass
NVNT	n40	2422	Ant1	-48.66	-20	Pass
NVNT	n40	2422	Ant2	-45.34	-20	Pass
NVNT	n40	2437	Ant1	-48.27	-20	Pass
NVNT	n40	2437	Ant2	-46.58	-20	Pass
NVNT	n40	2452	Ant1	-47.71	-20	Pass
NVNT	n40	2452	Ant2	-46.05	-20	Pass

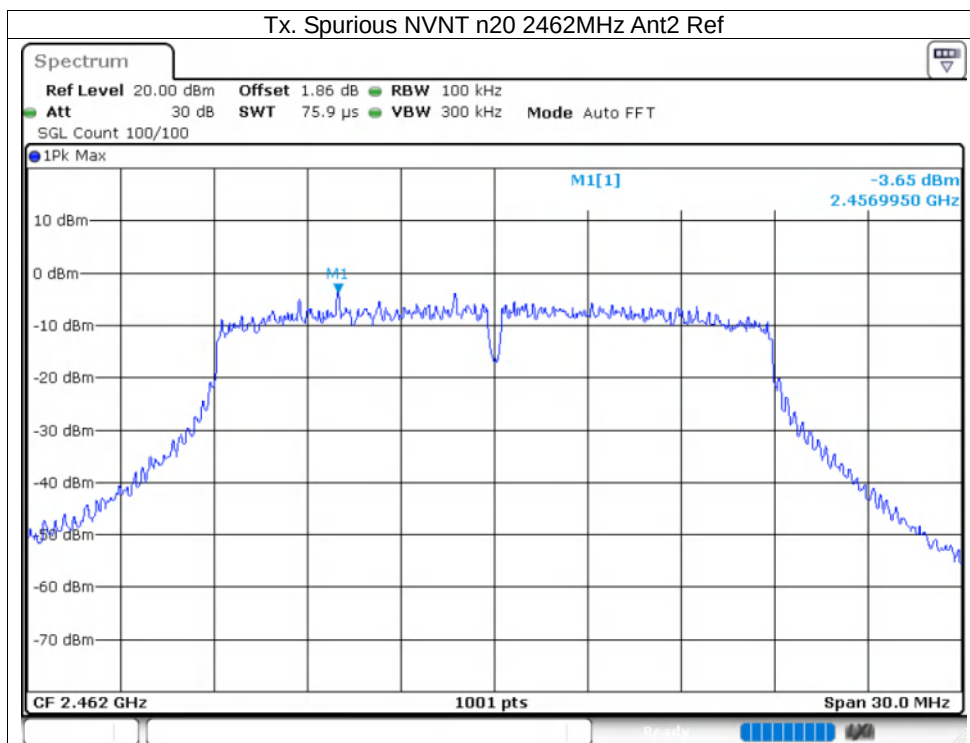
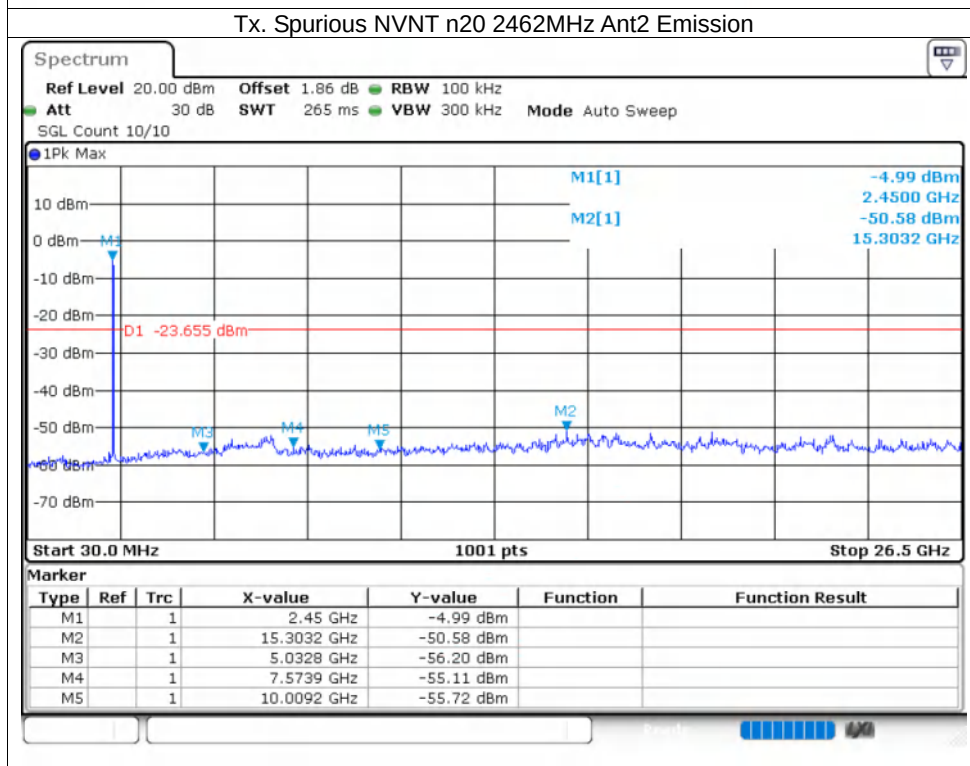


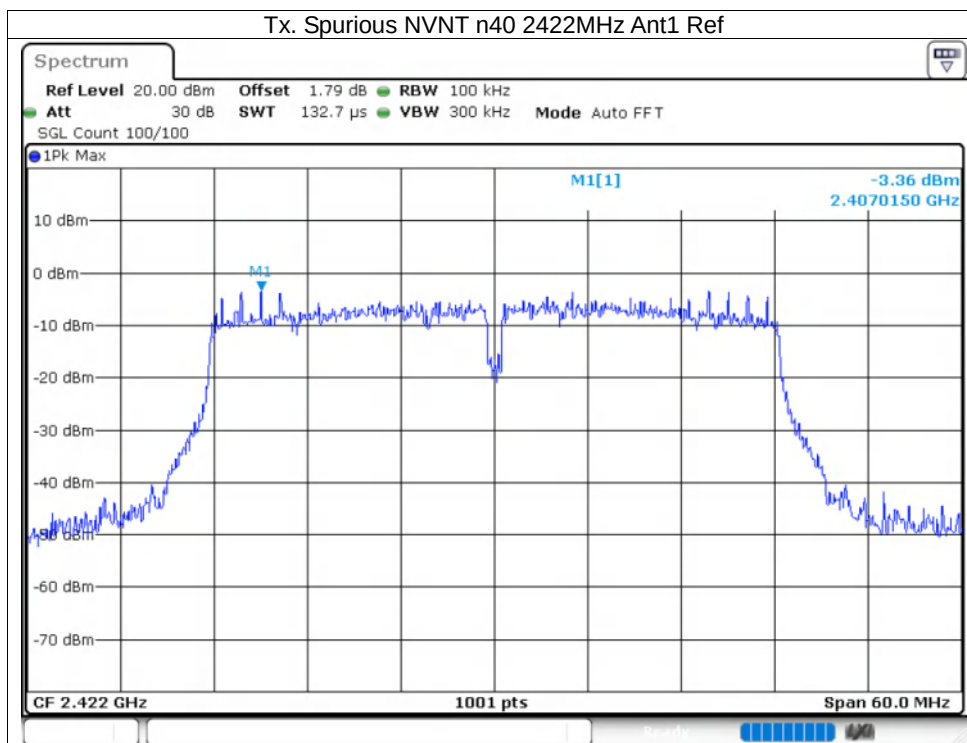
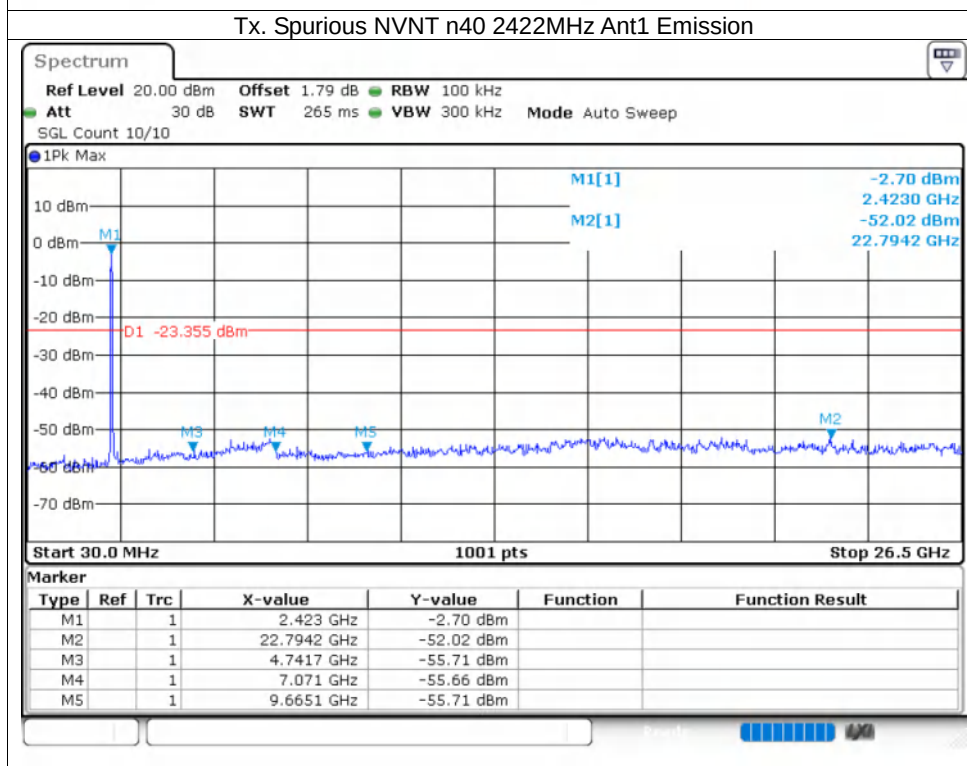


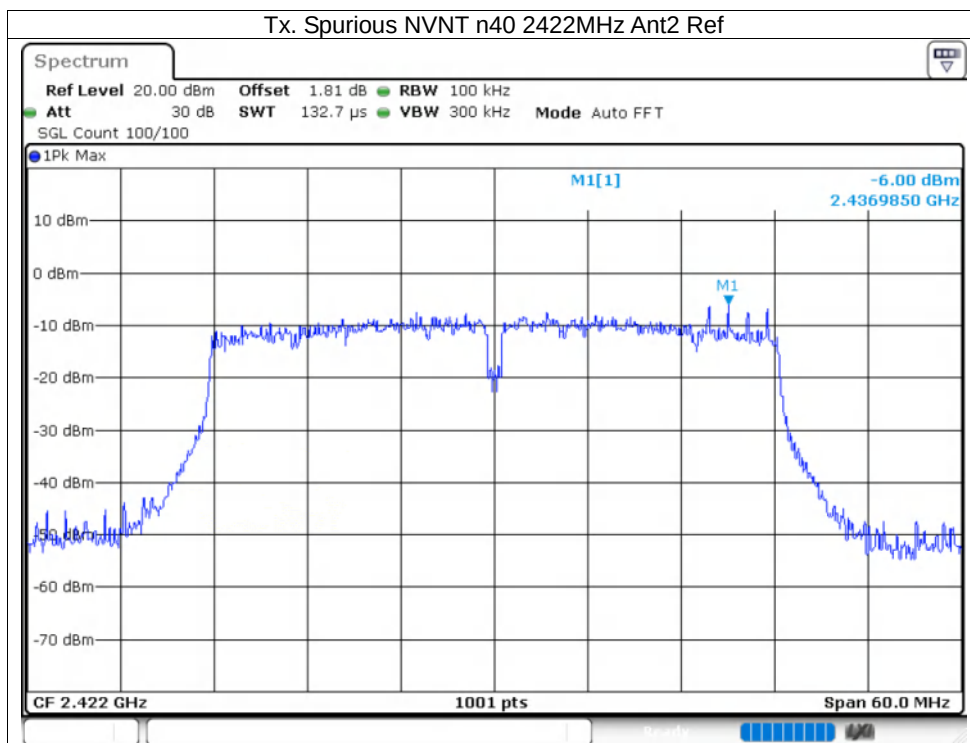
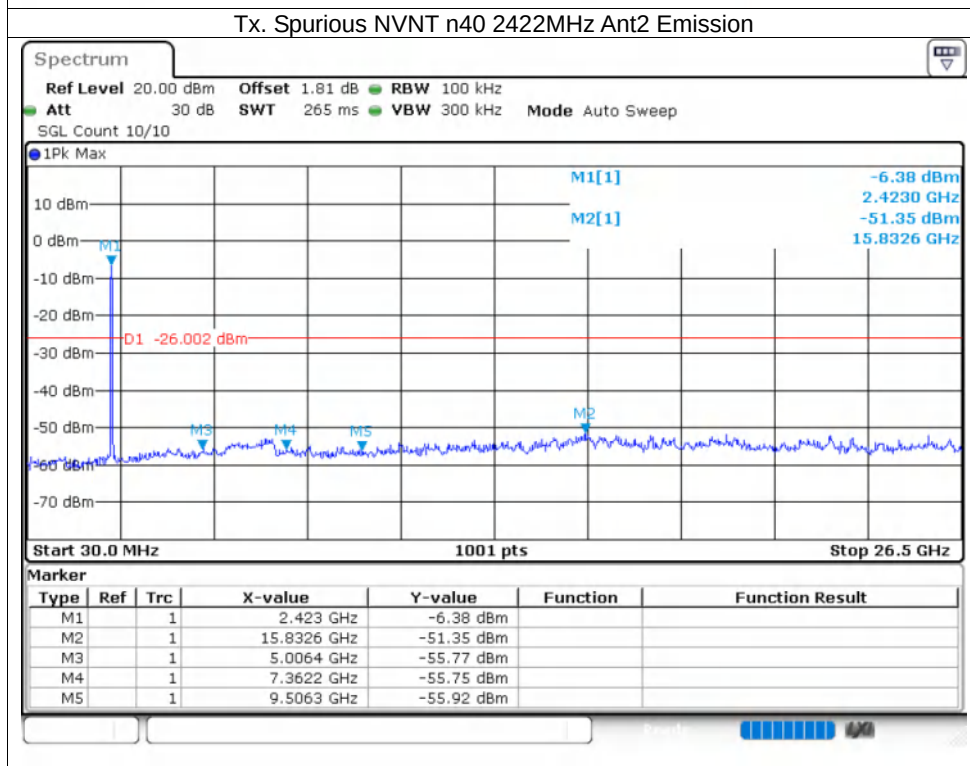


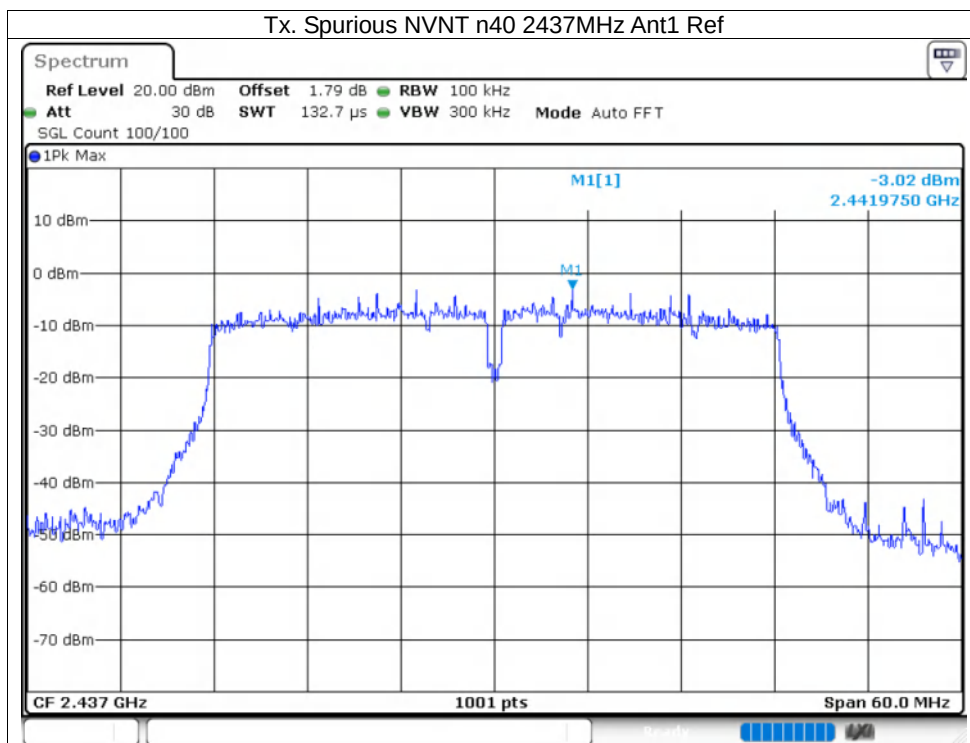
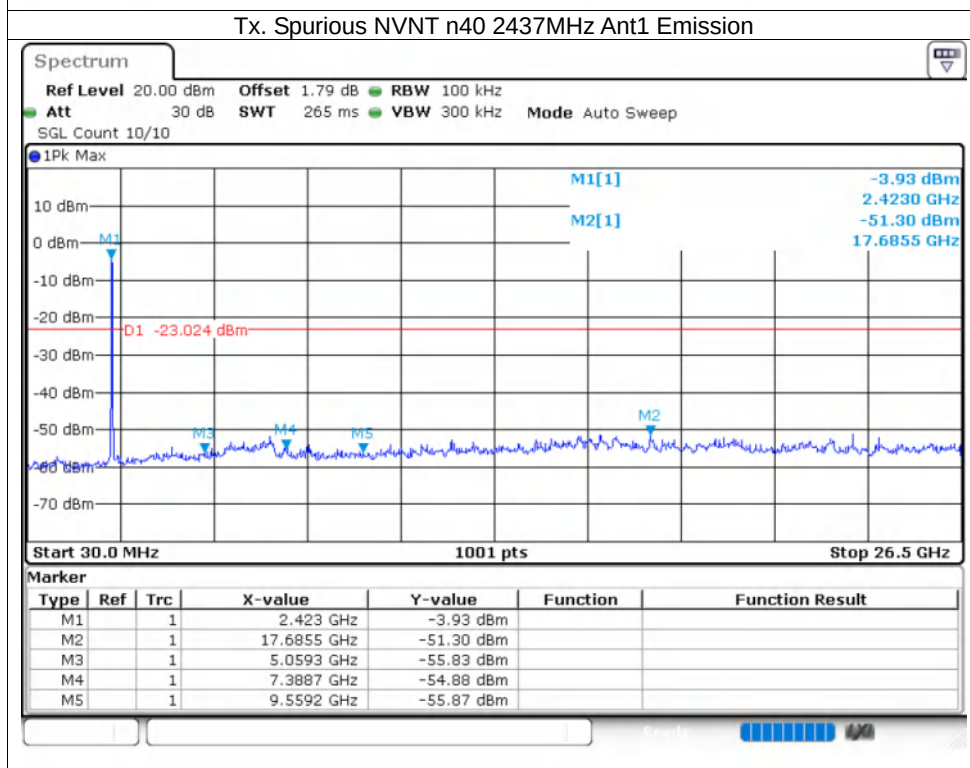


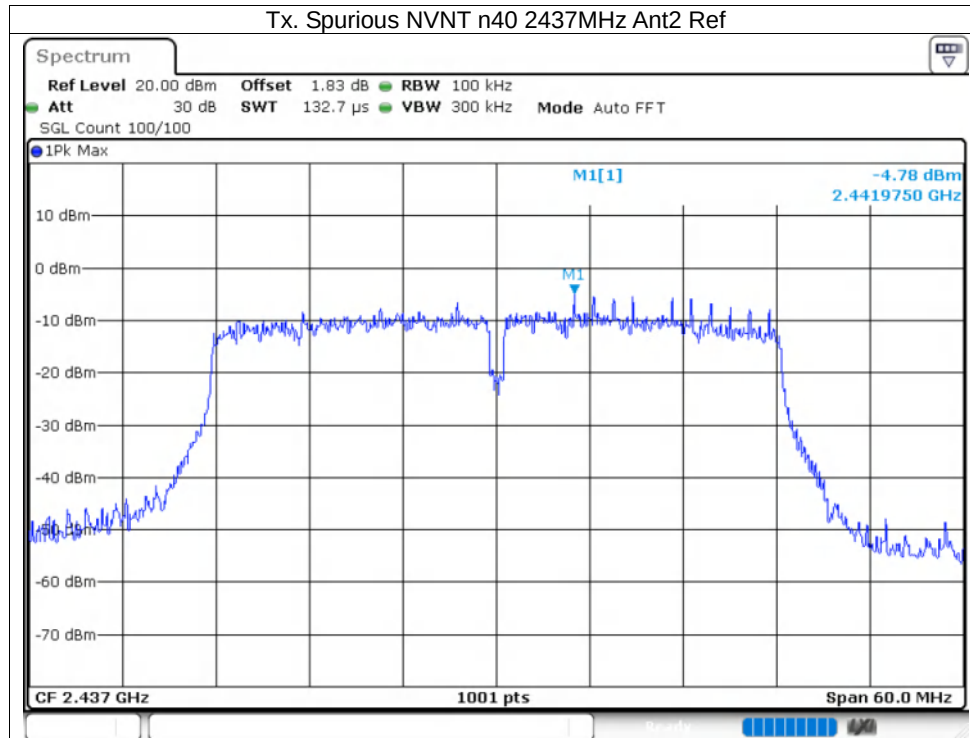
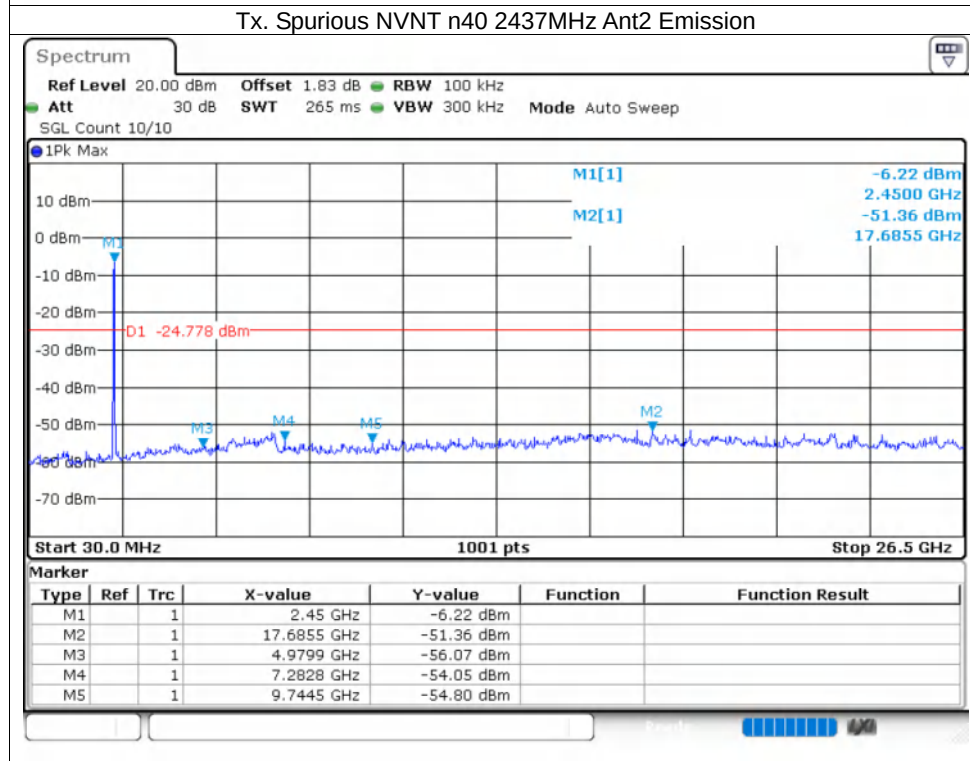


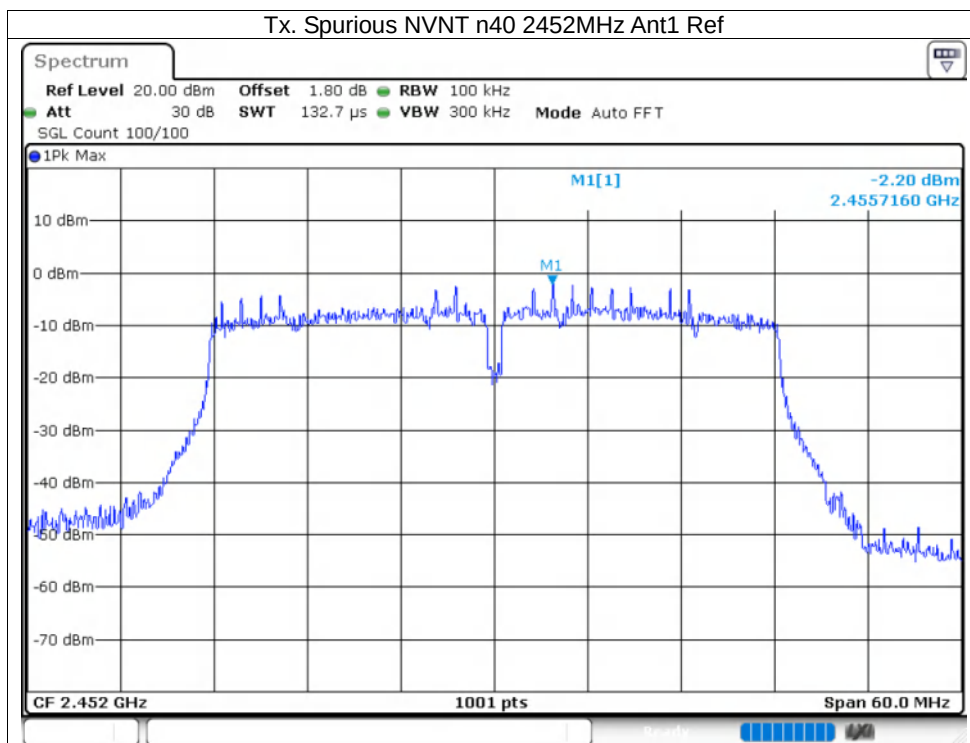
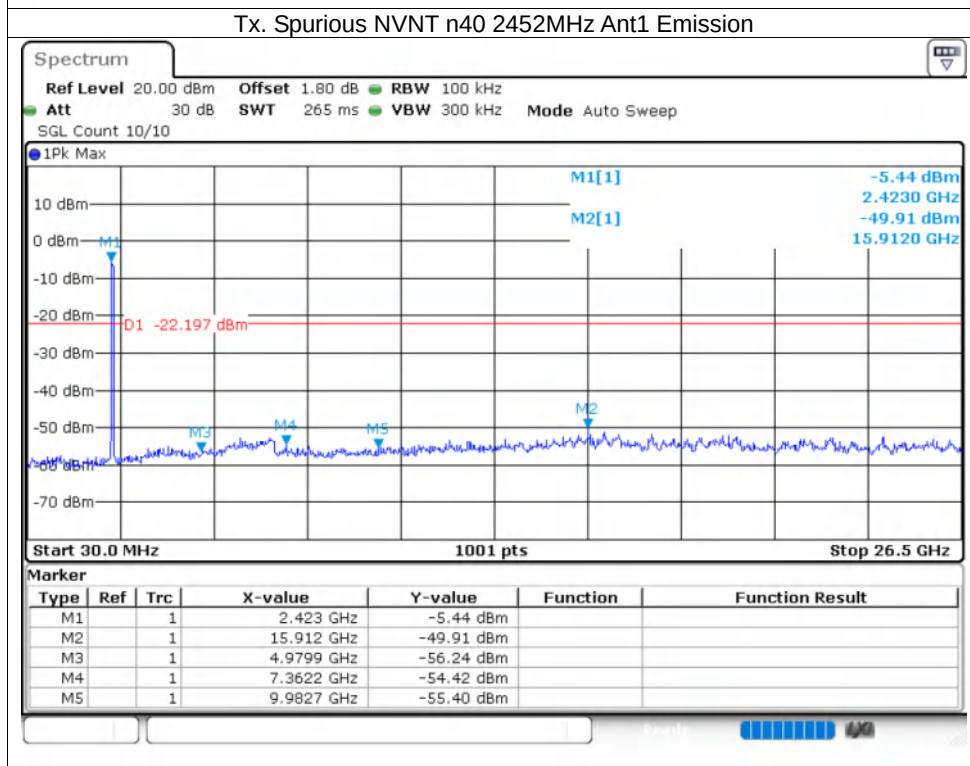


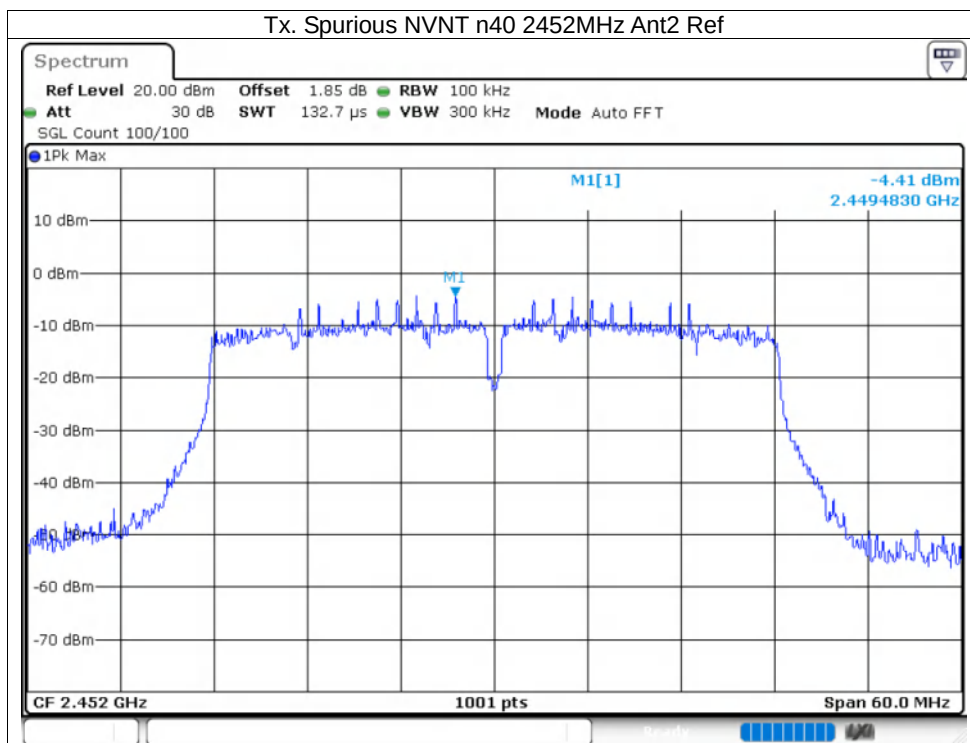
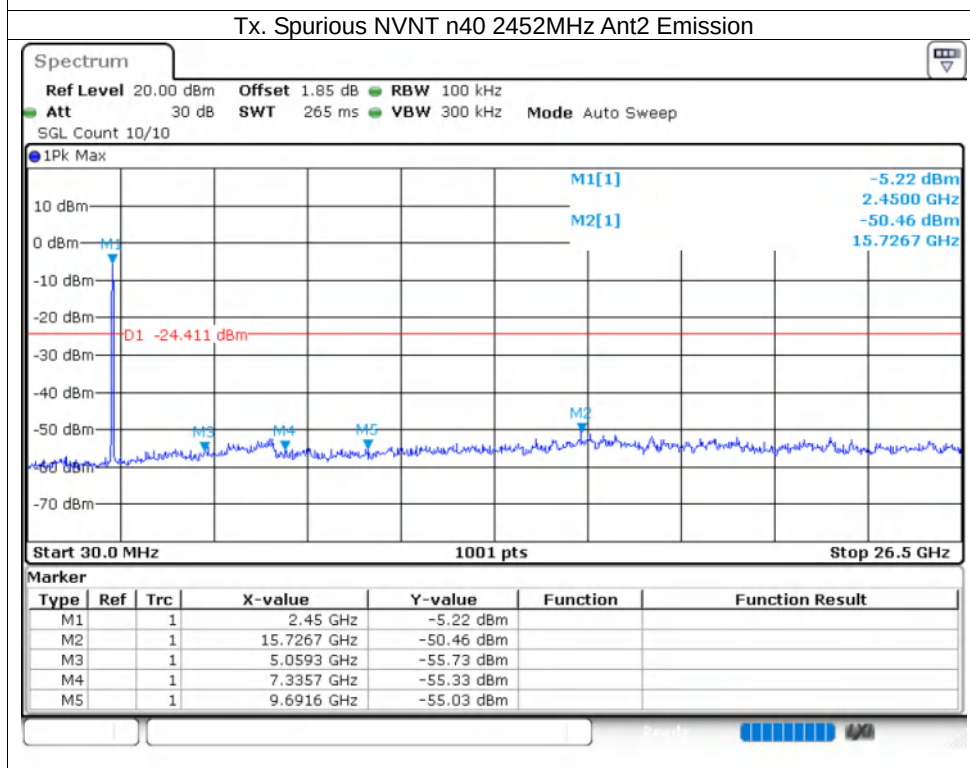












END OF REPORT