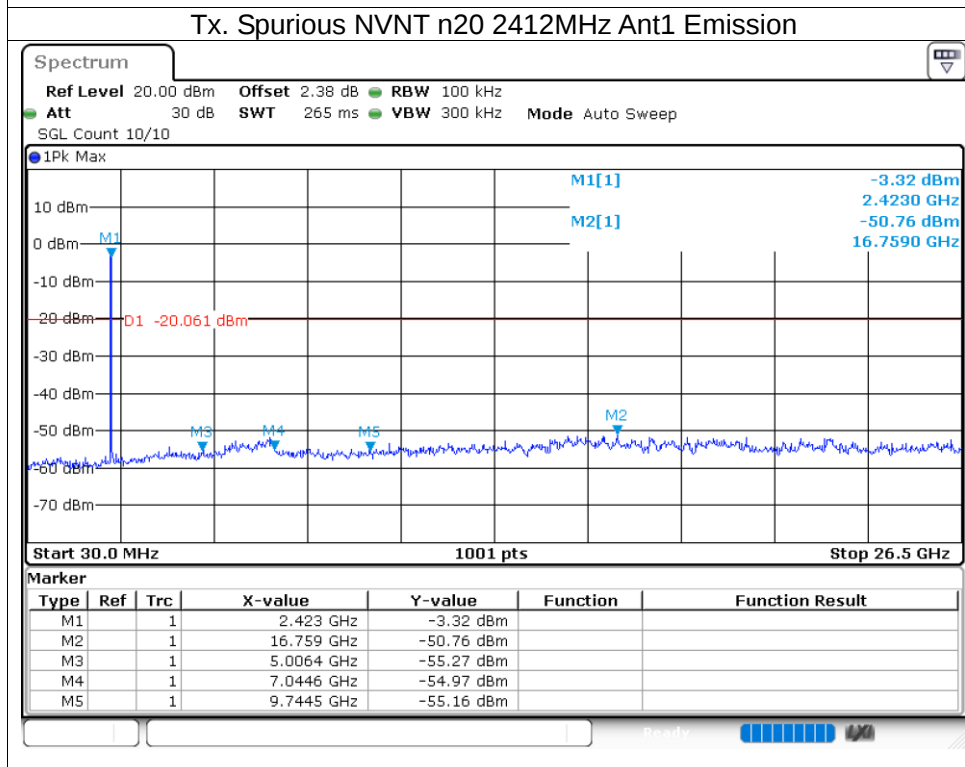
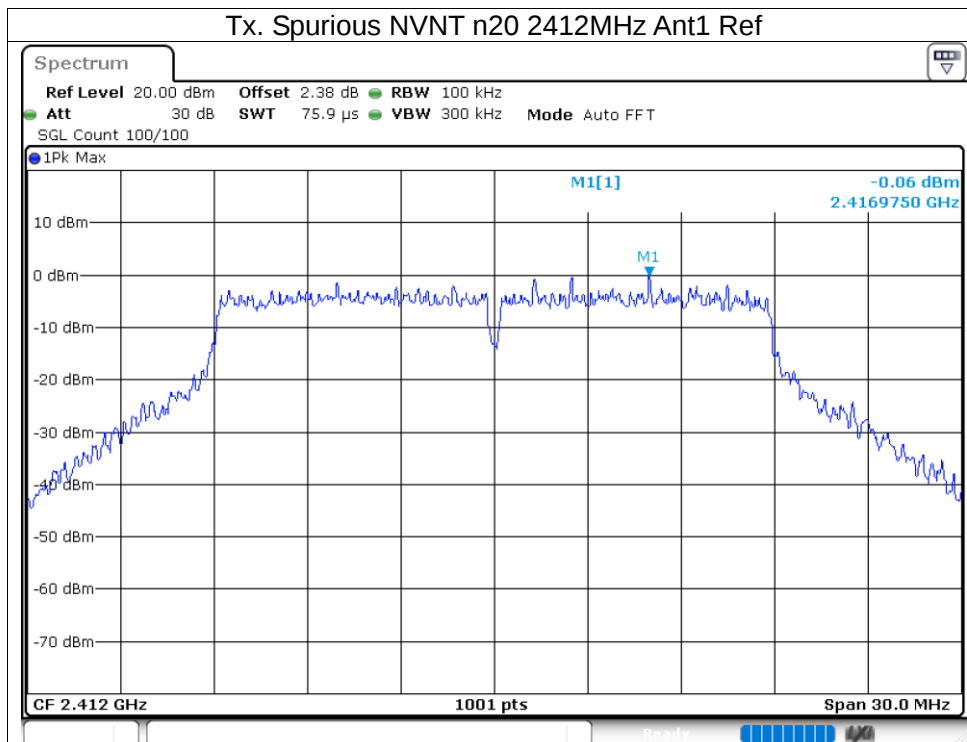
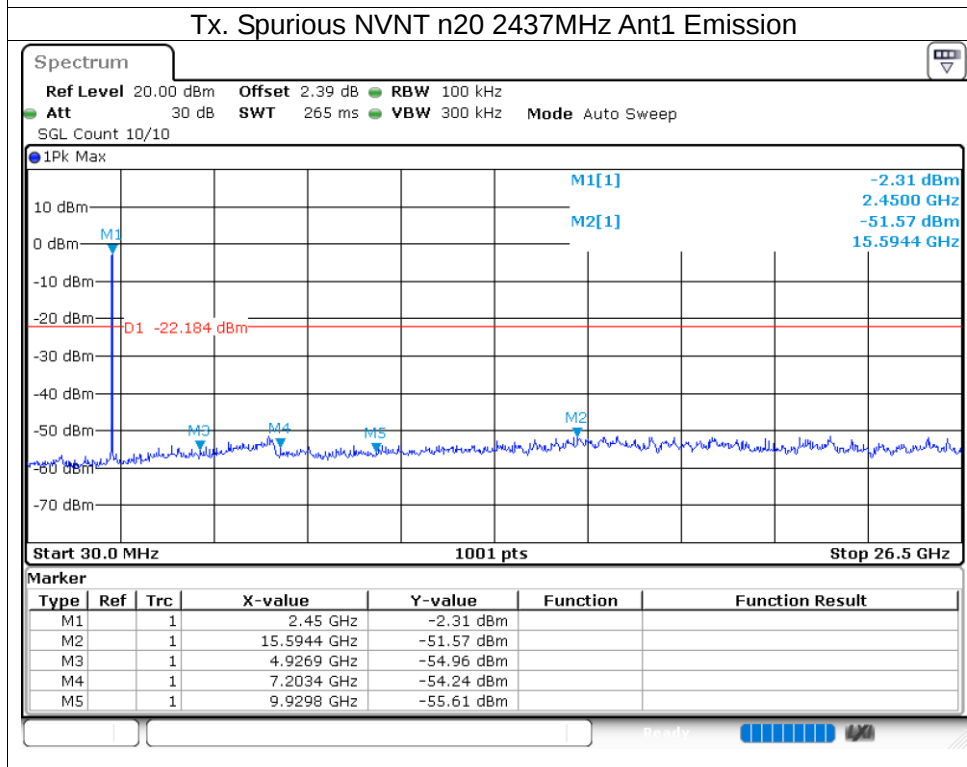
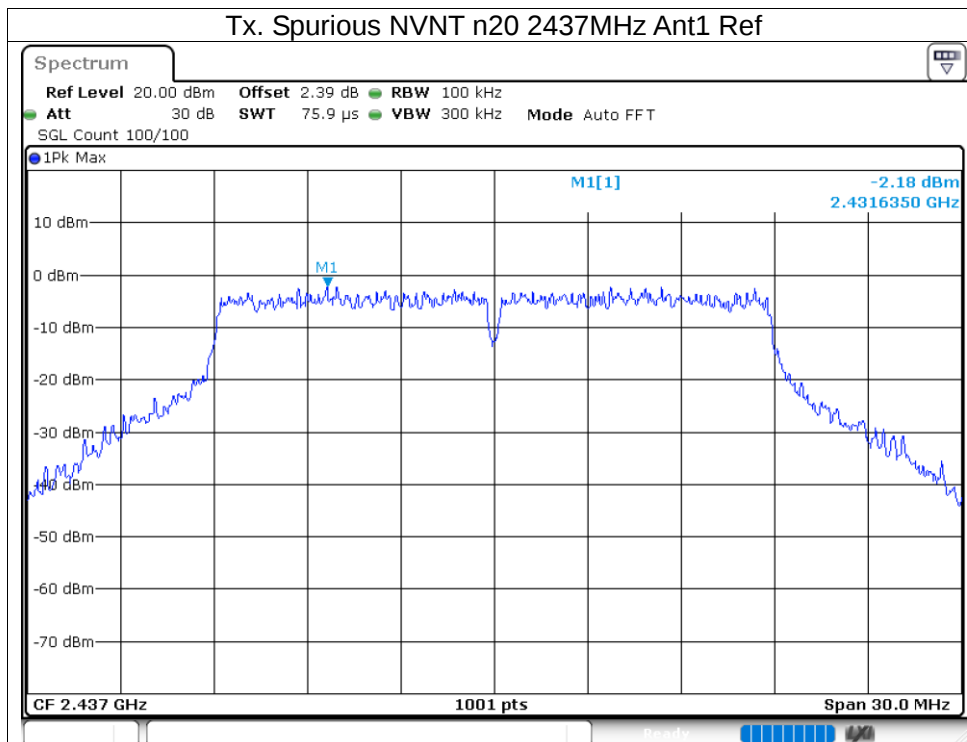
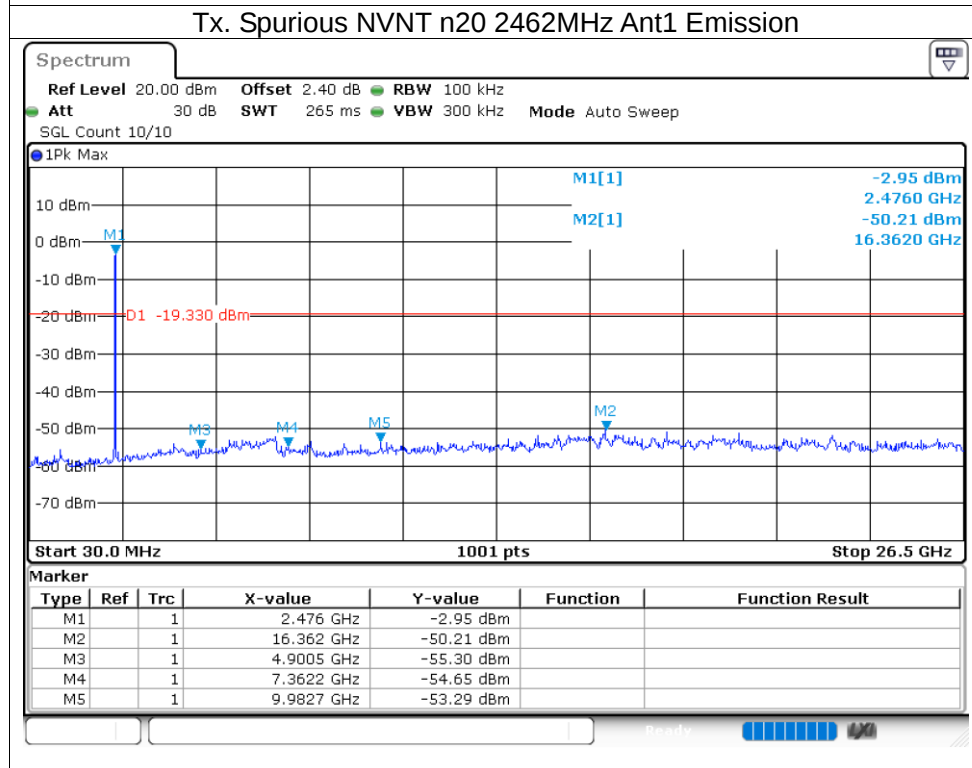
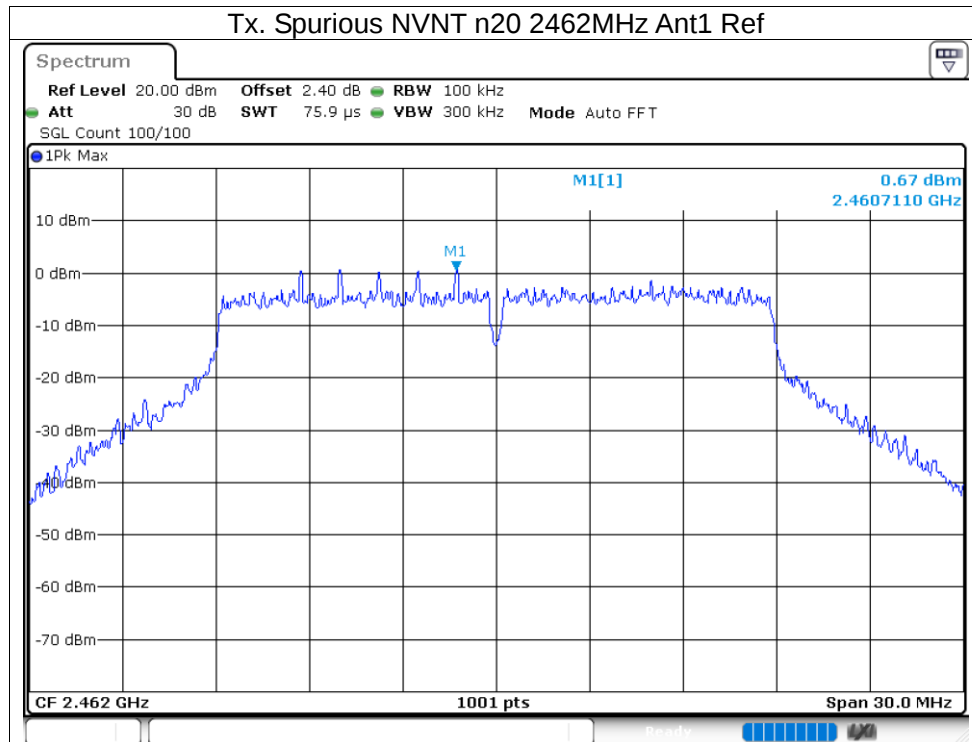
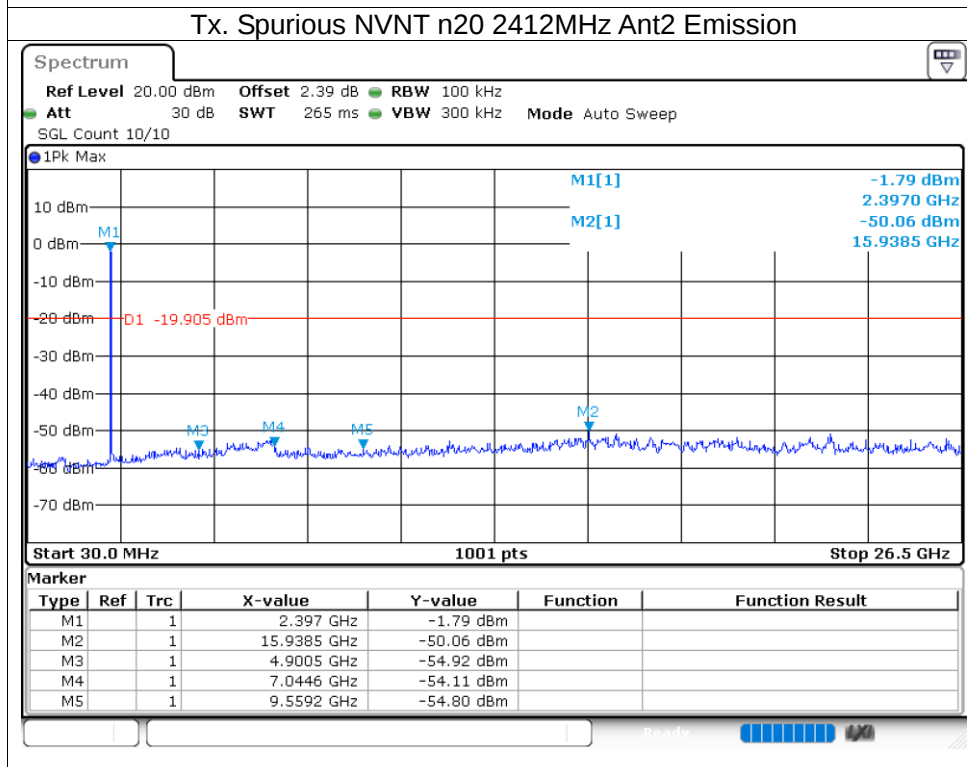
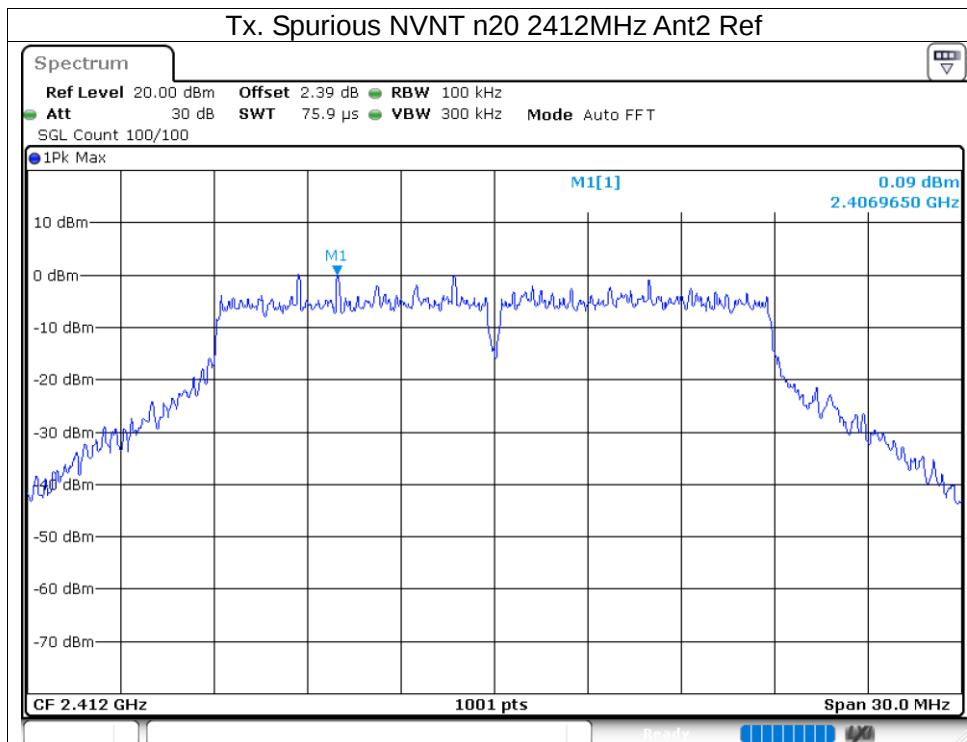
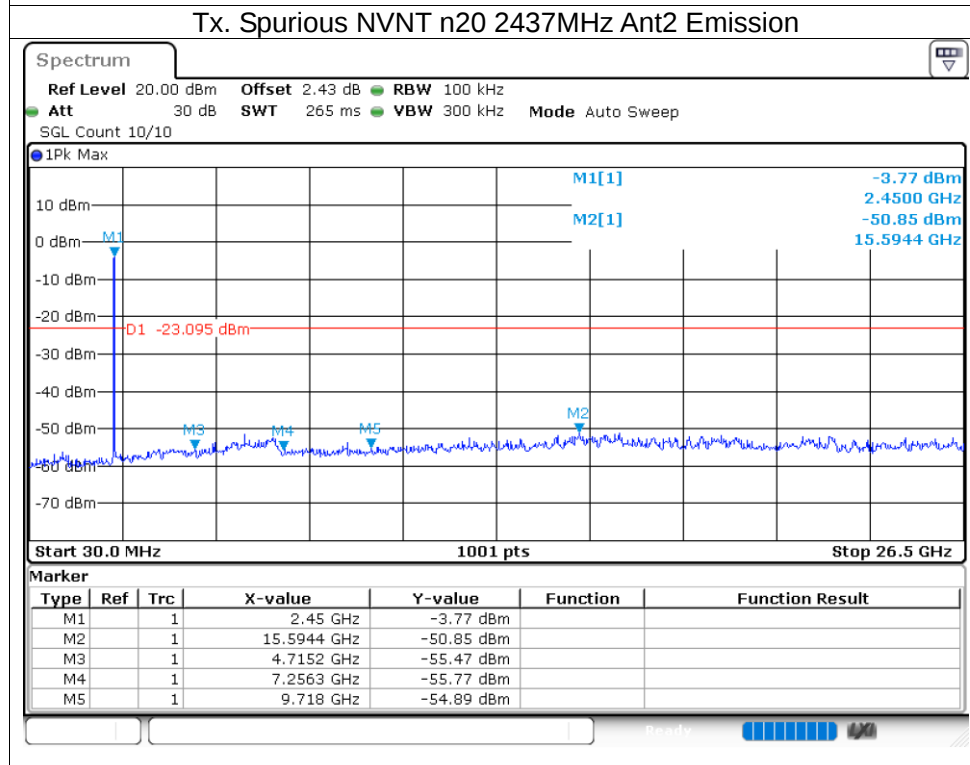
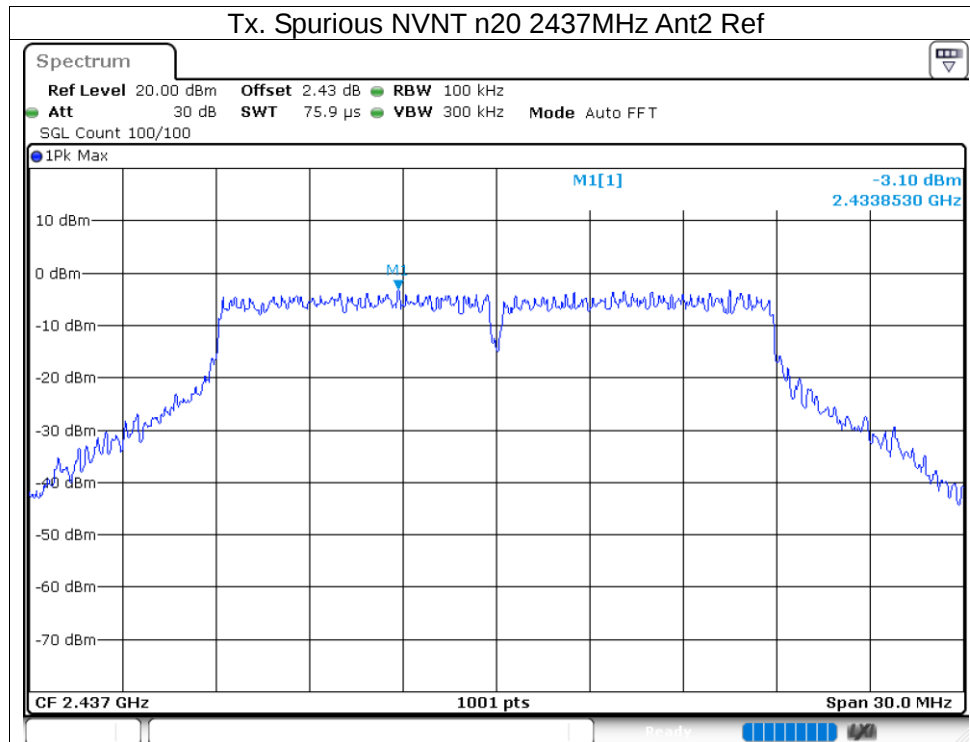


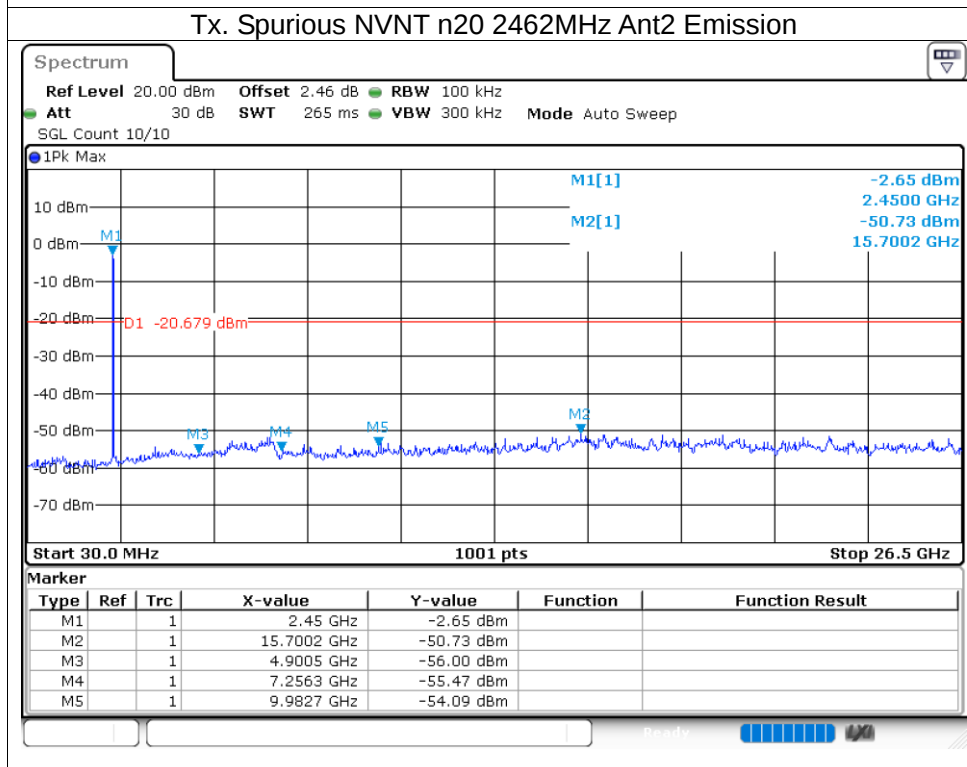
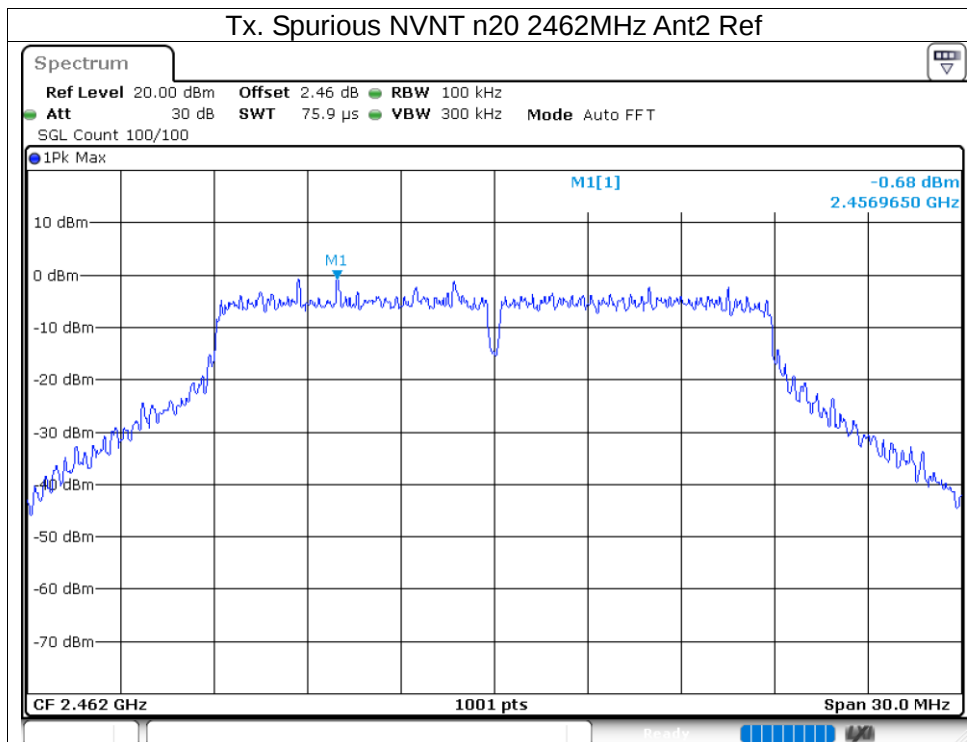


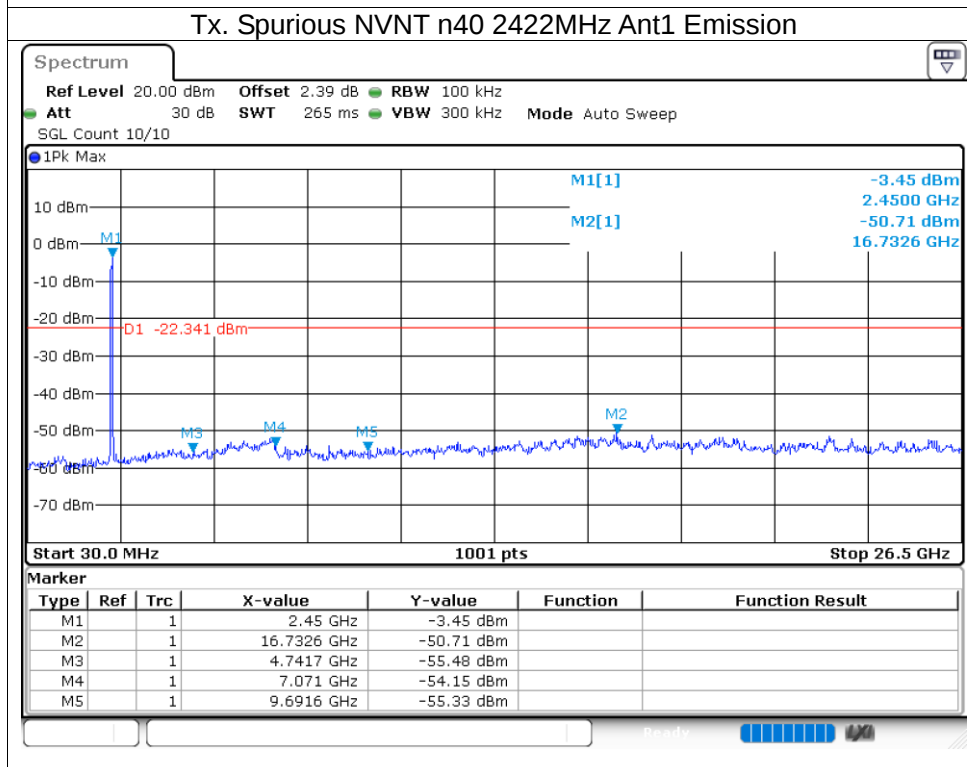
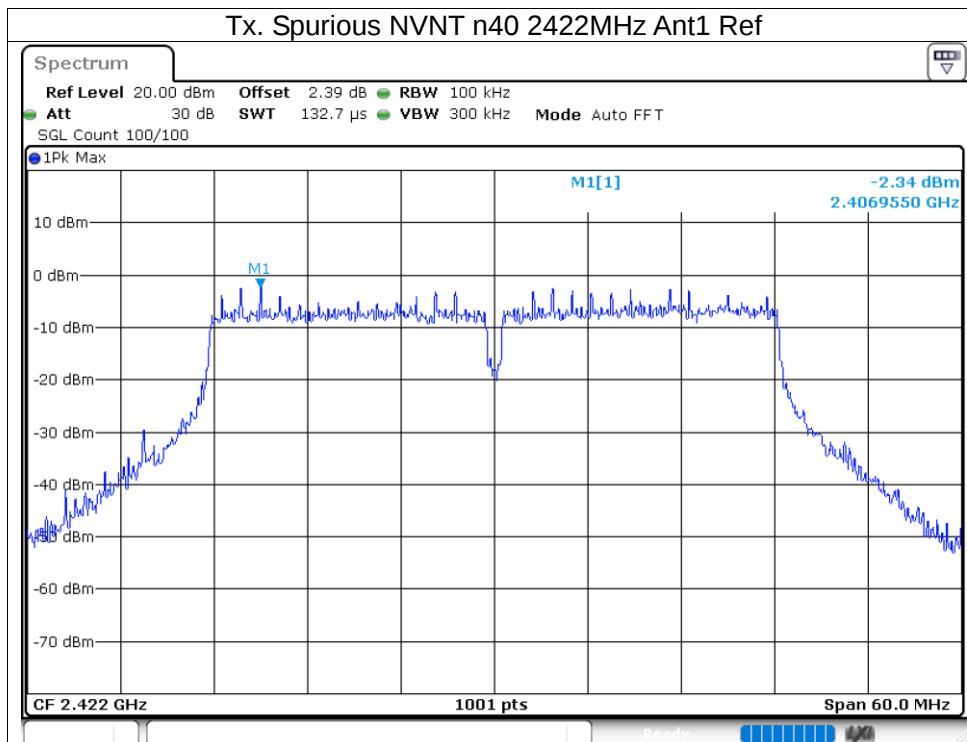


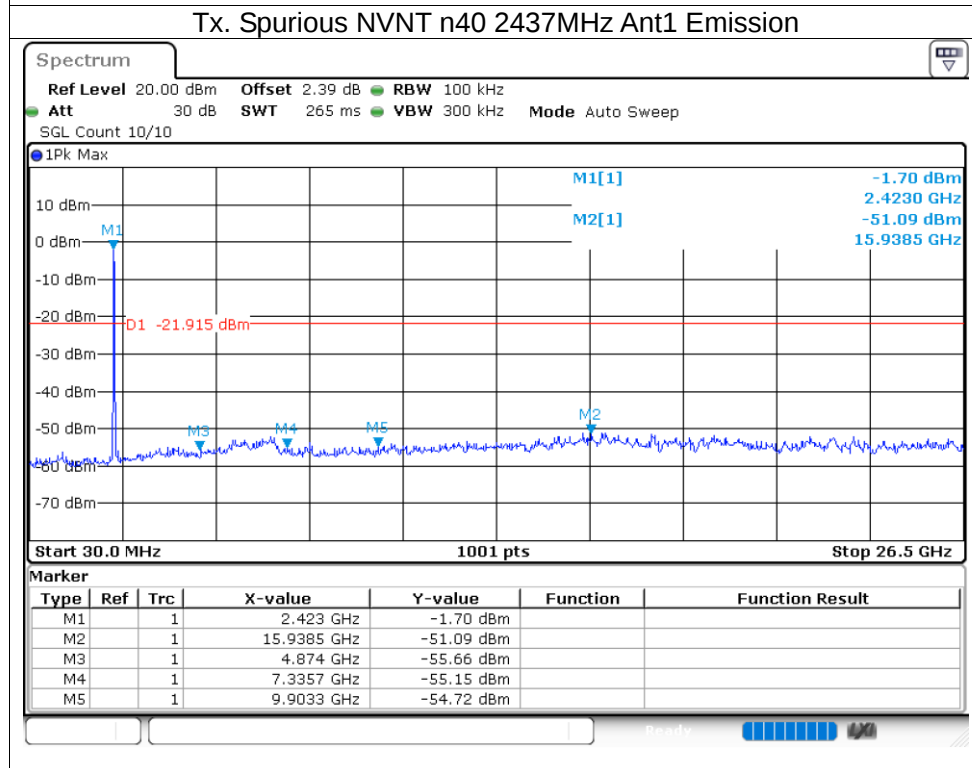
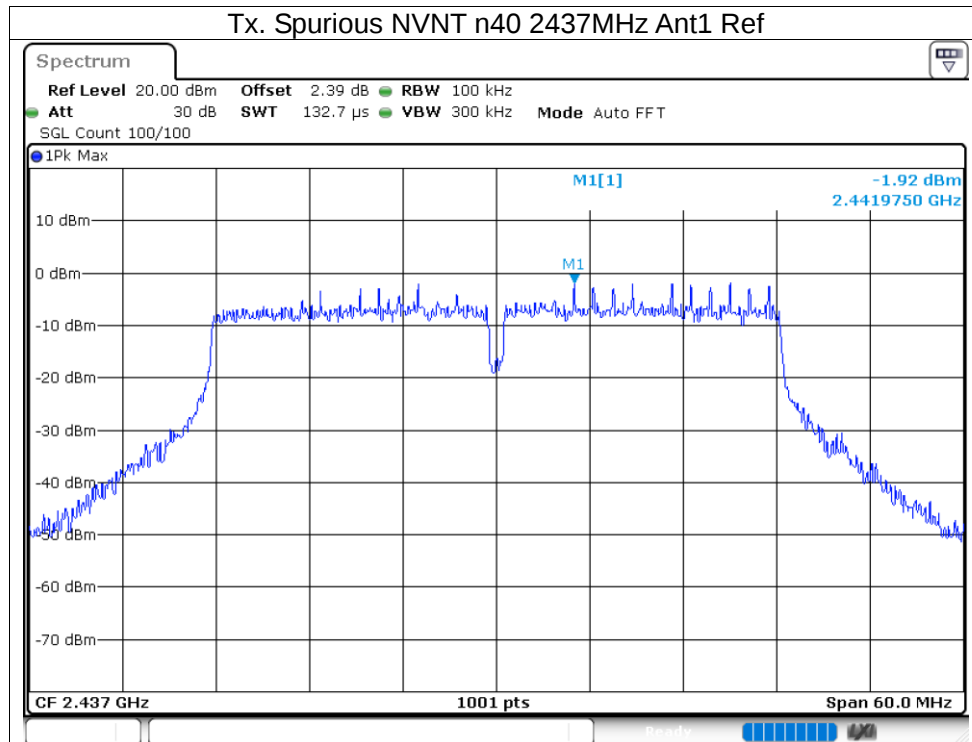


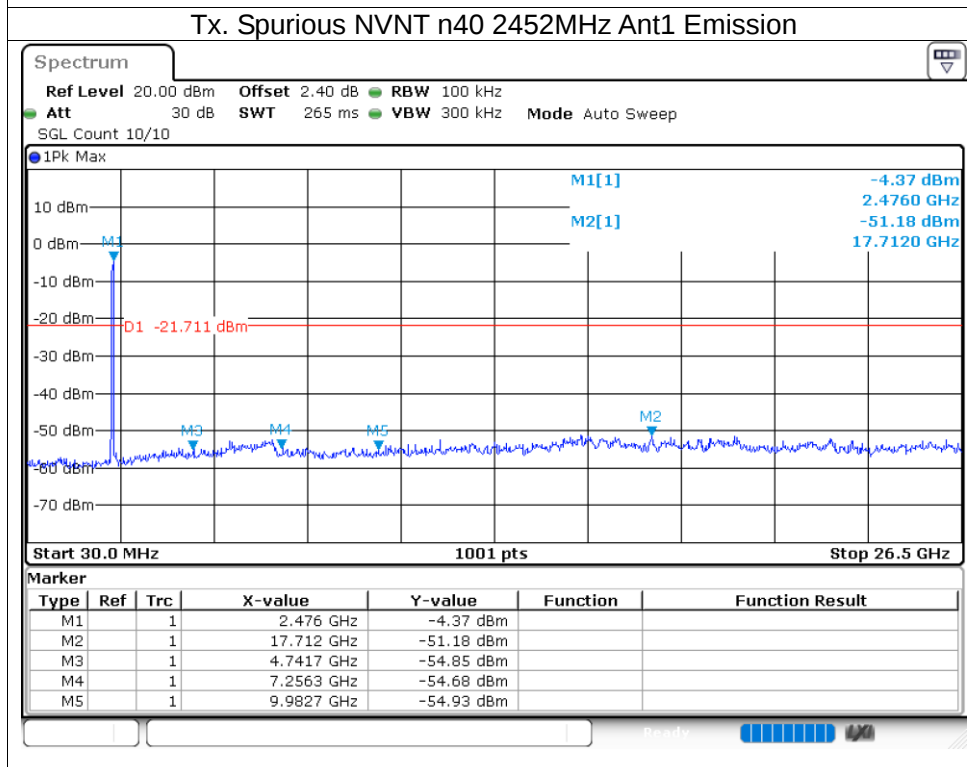
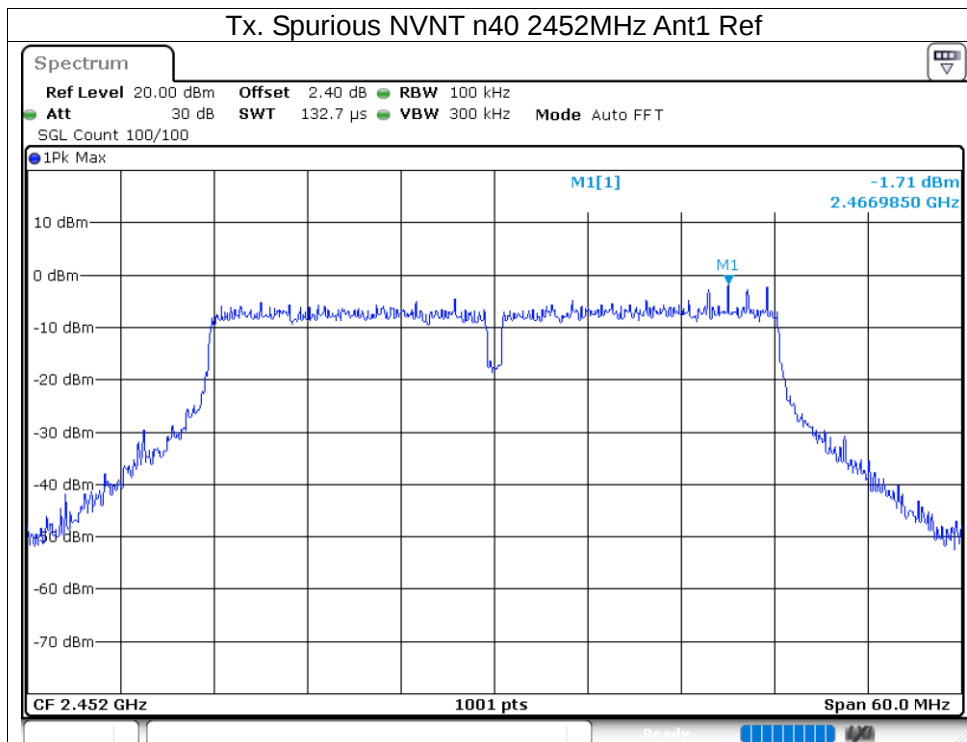


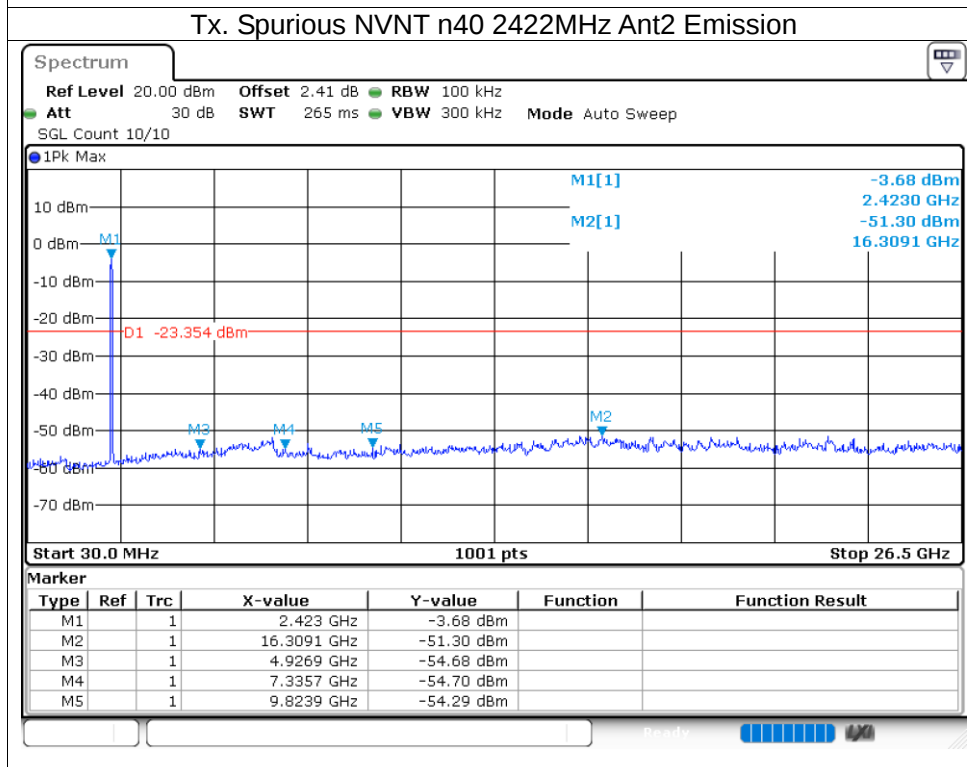
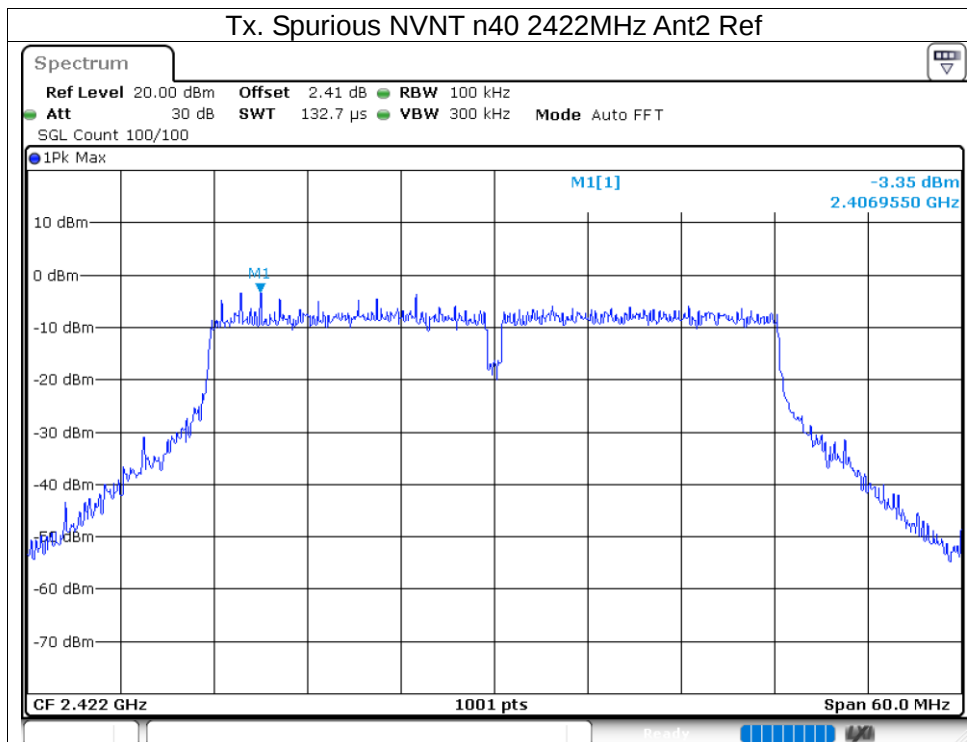


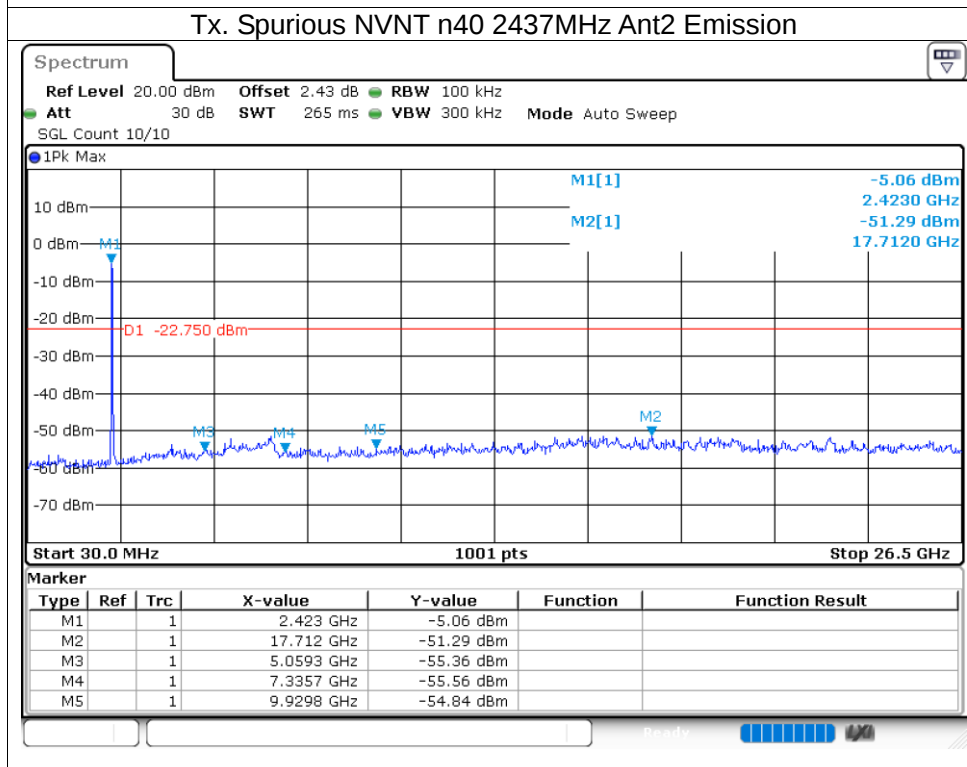
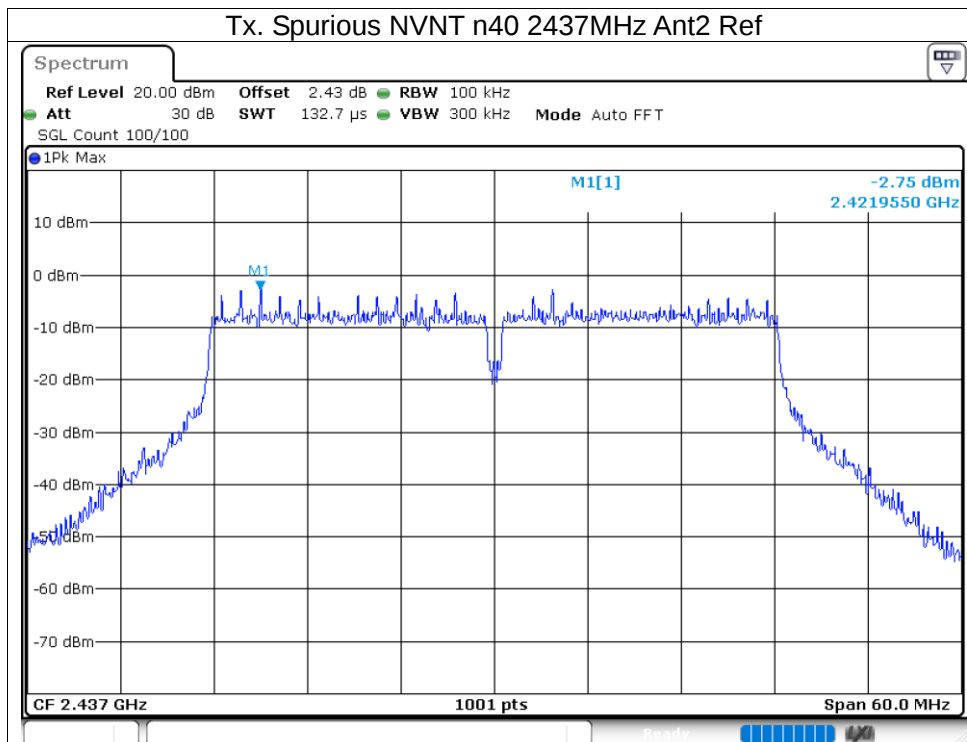


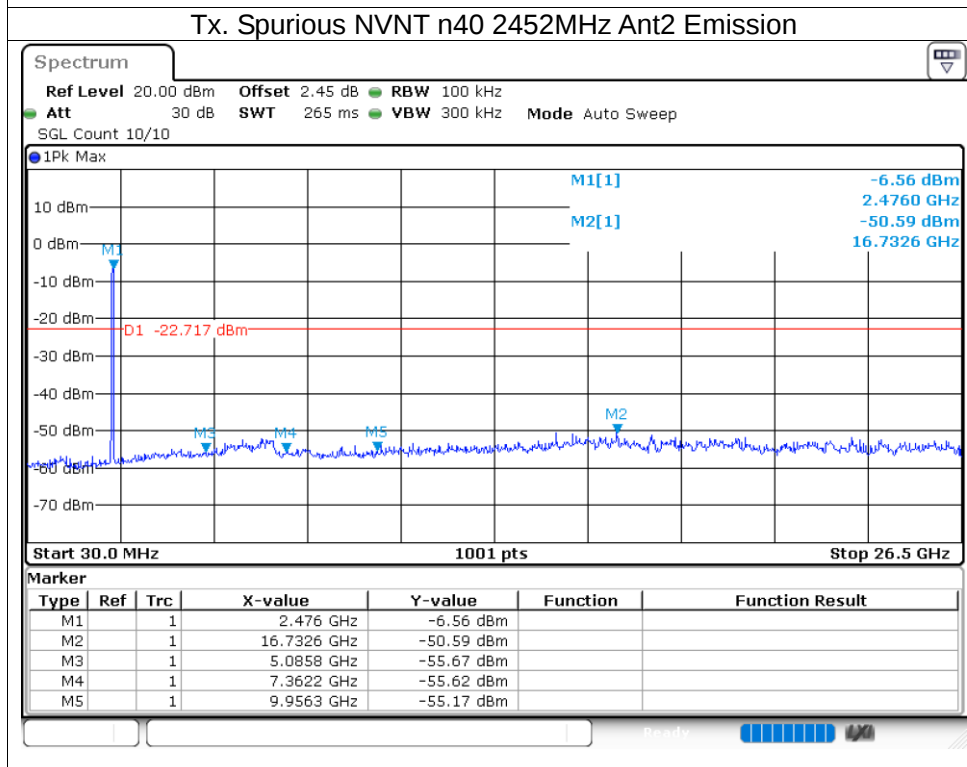
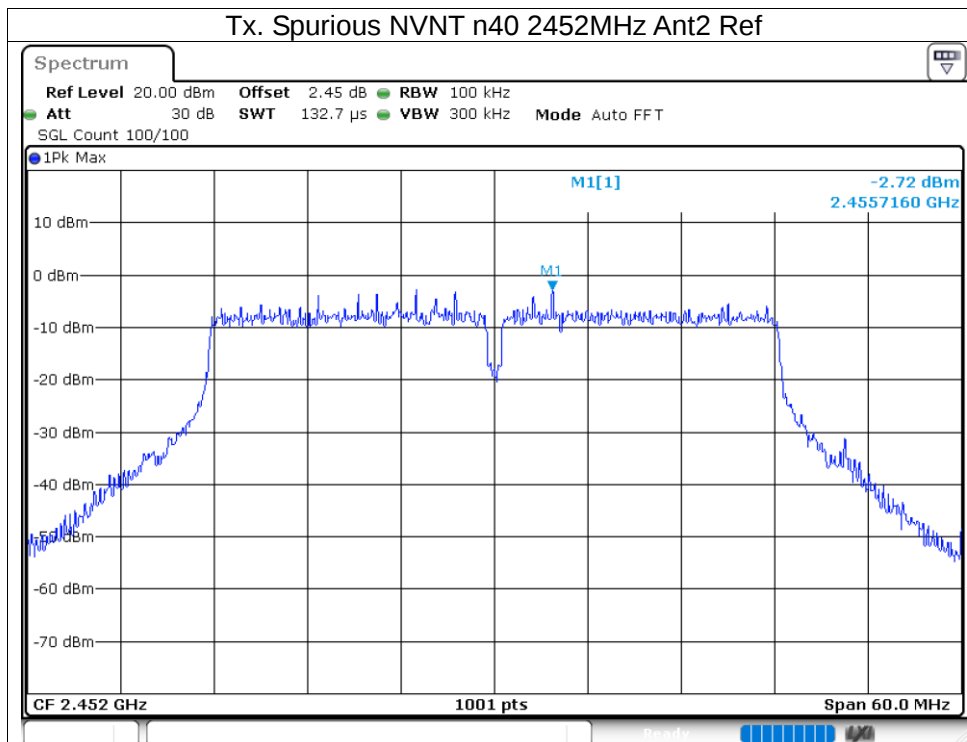








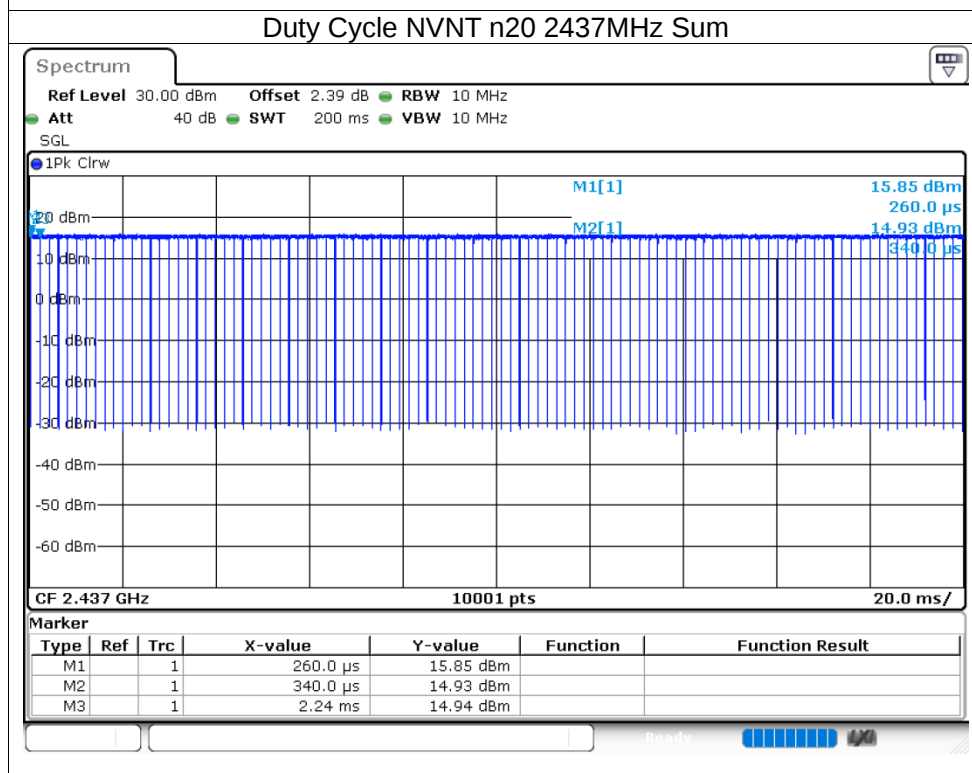
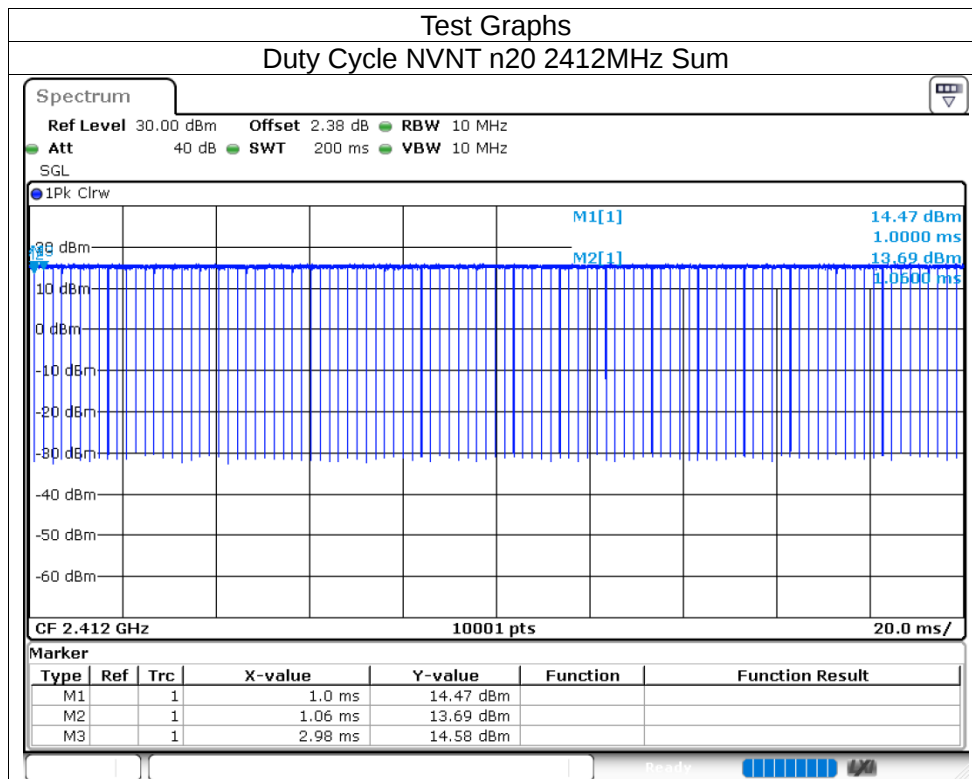


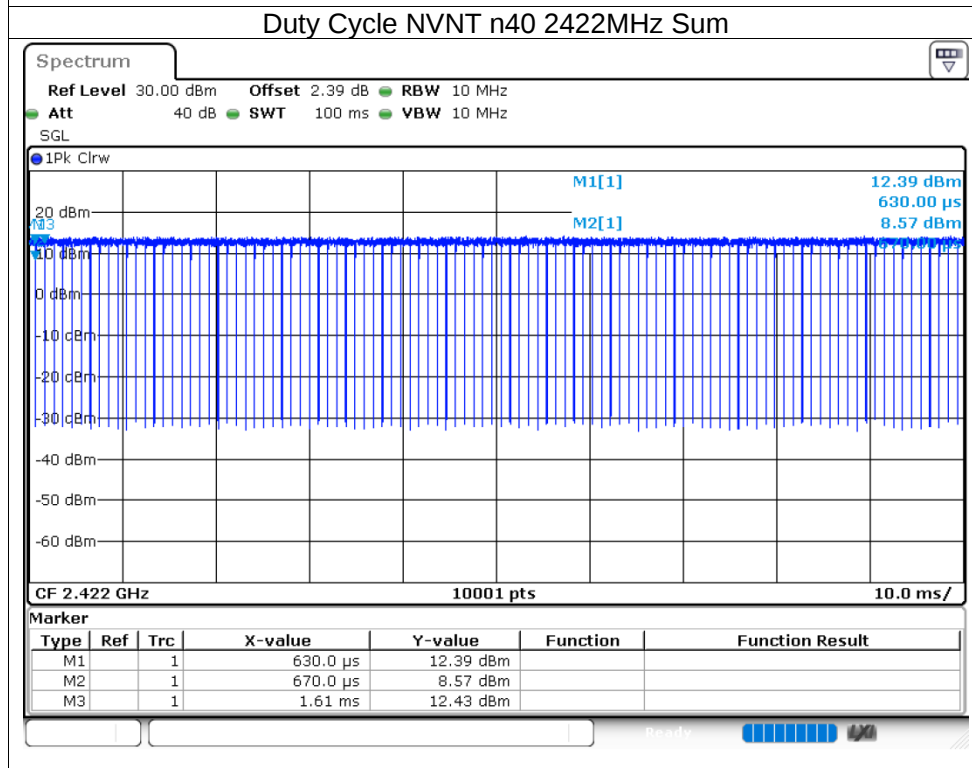
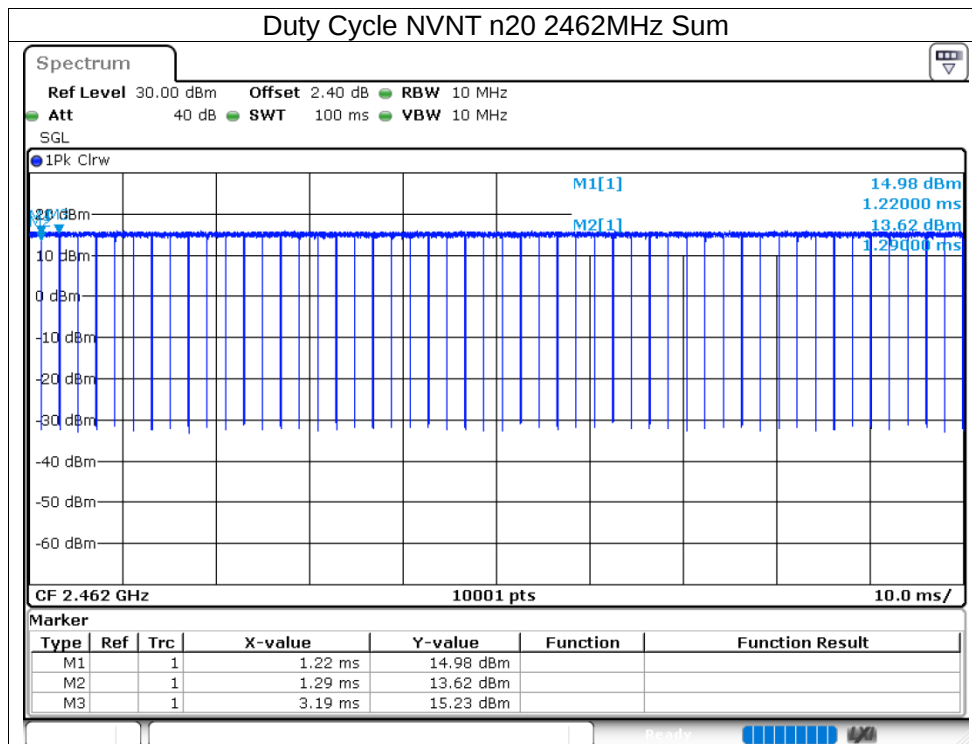


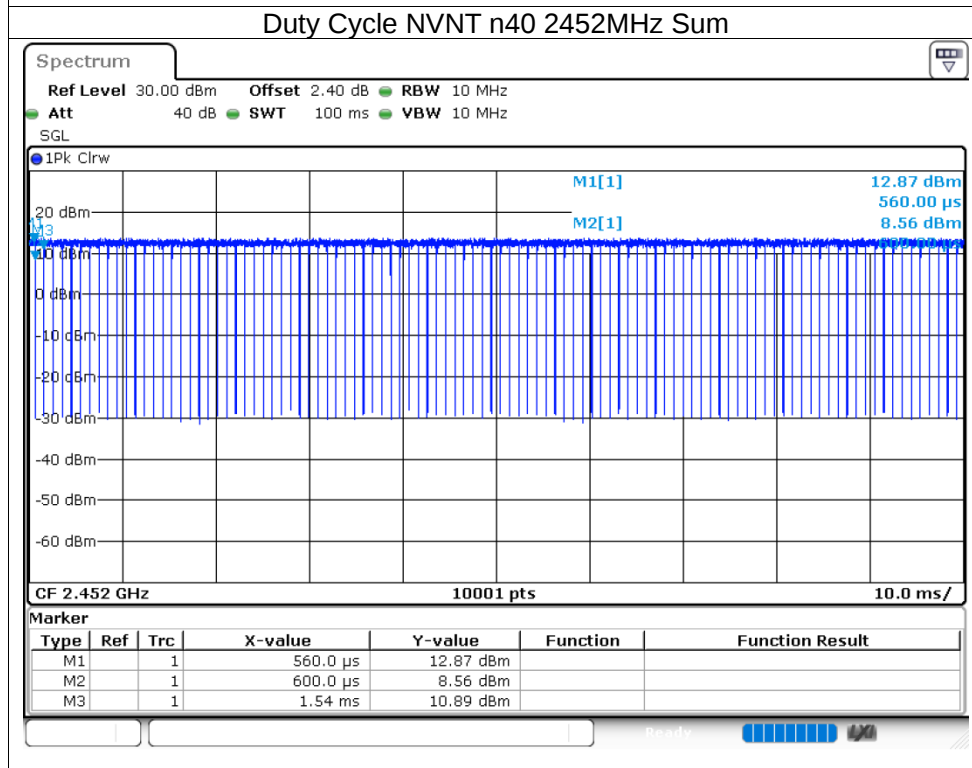
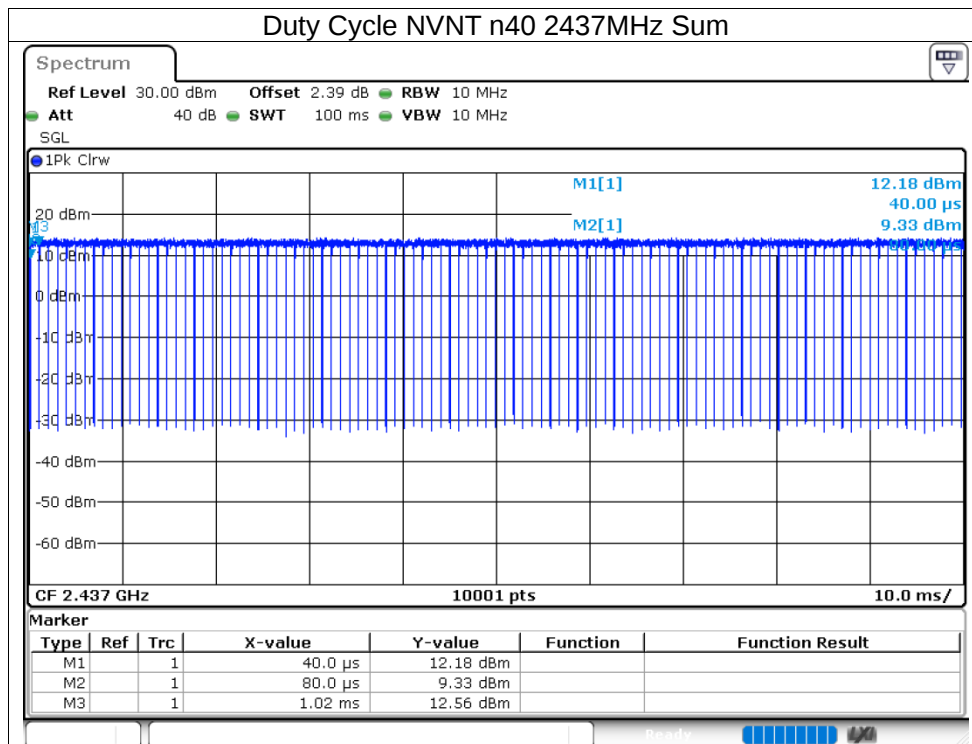
8.2 2.4G MIMO

8.2.1 Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	n20	2412	Sum	97.69	0.1	0.52
NVNT	n20	2437	Sum	97.68	0.1	0.53
NVNT	n20	2462	Sum	97.16	0.13	0.53
NVNT	n40	2422	Sum	96.86	0.14	1.06
NVNT	n40	2437	Sum	96.82	0.14	1.06
NVNT	n40	2452	Sum	96.86	0.14	1.06





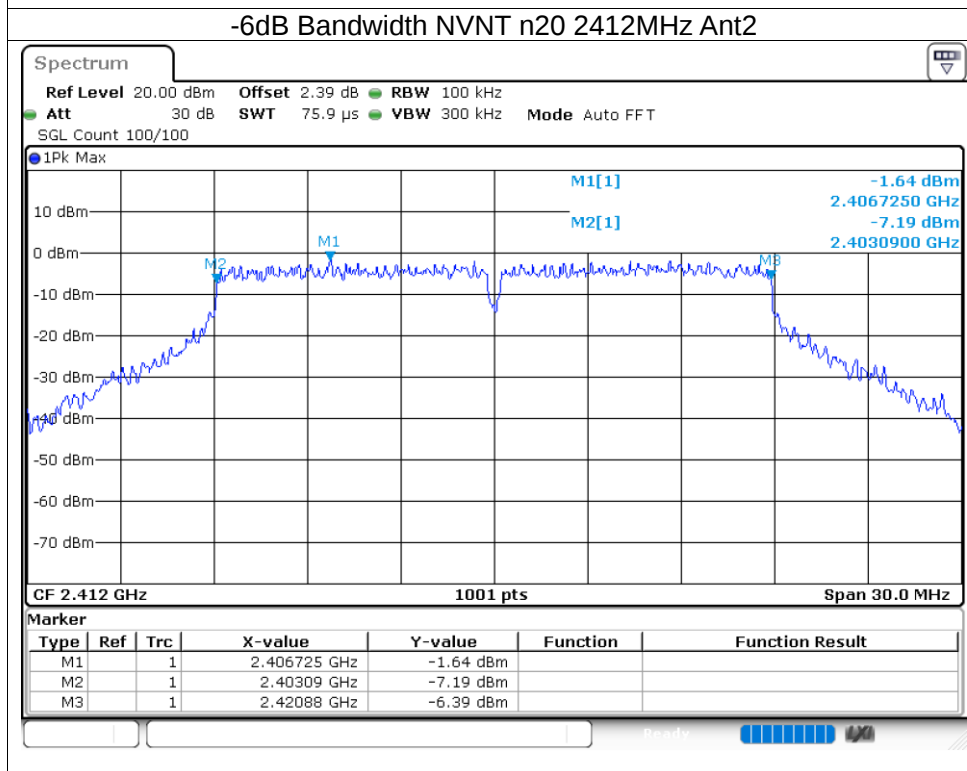
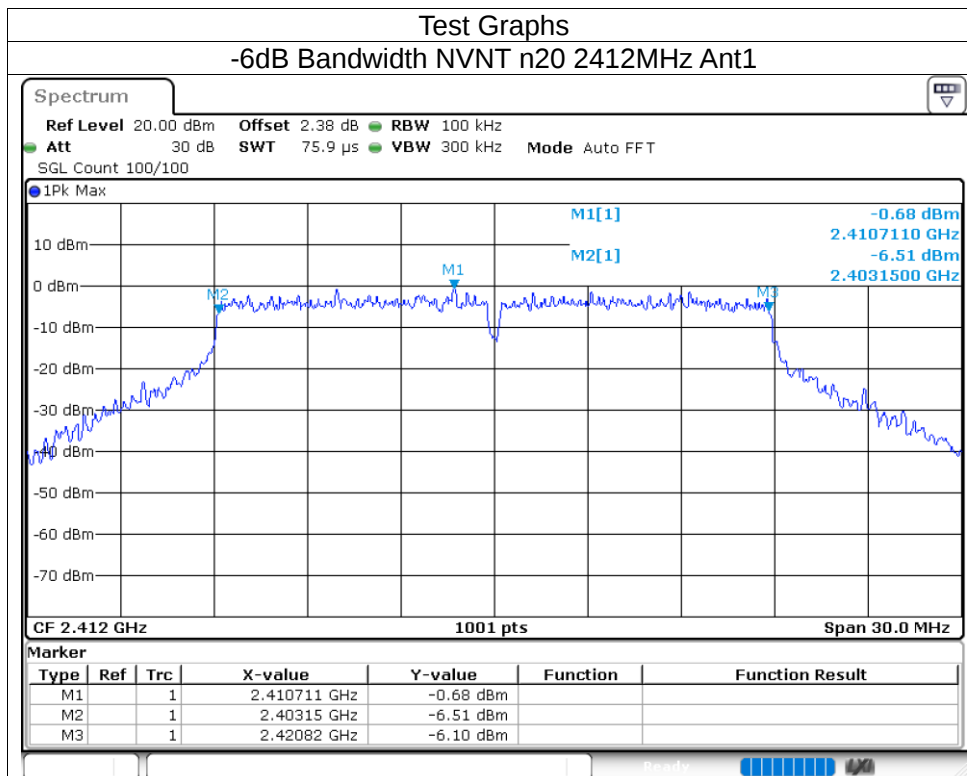


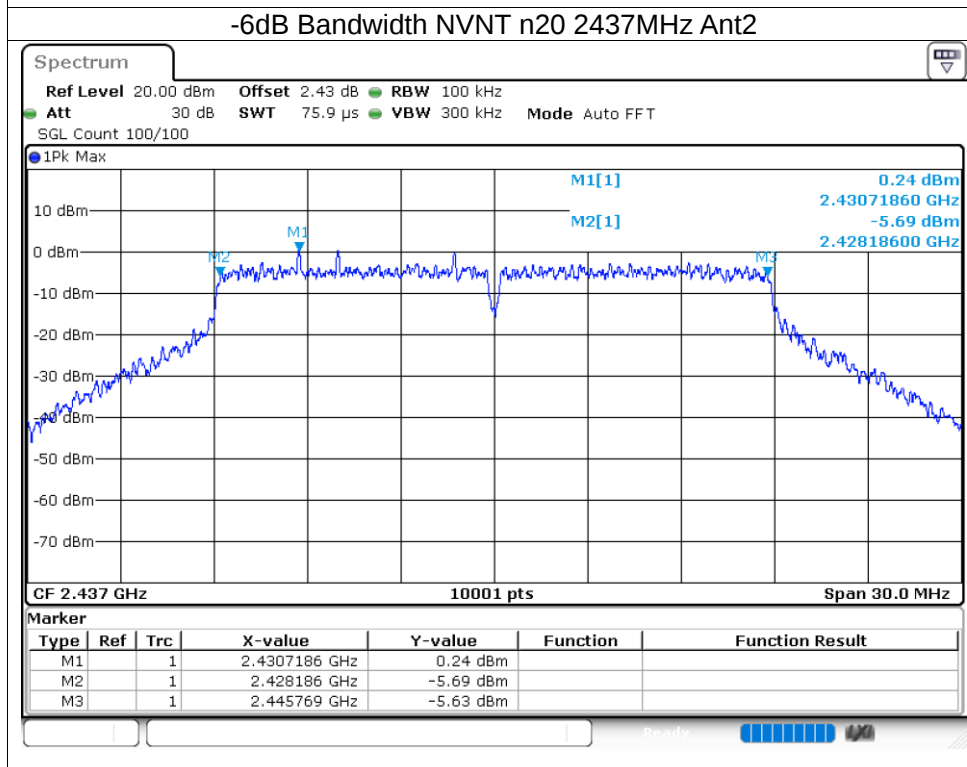
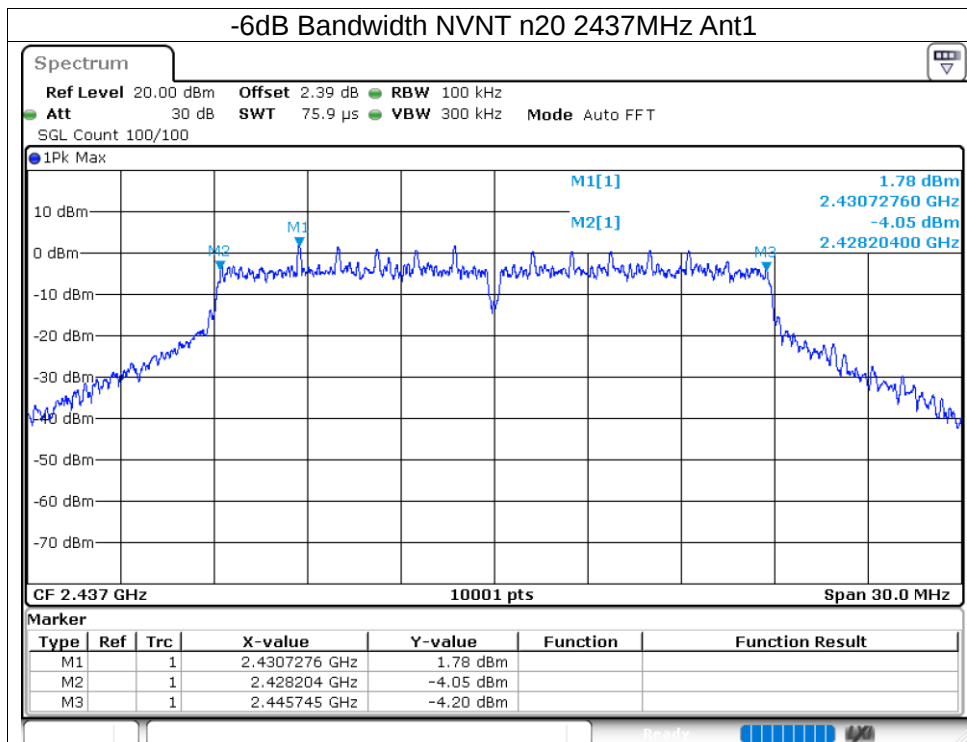
8.2.2 Maximum Conducted Output Power

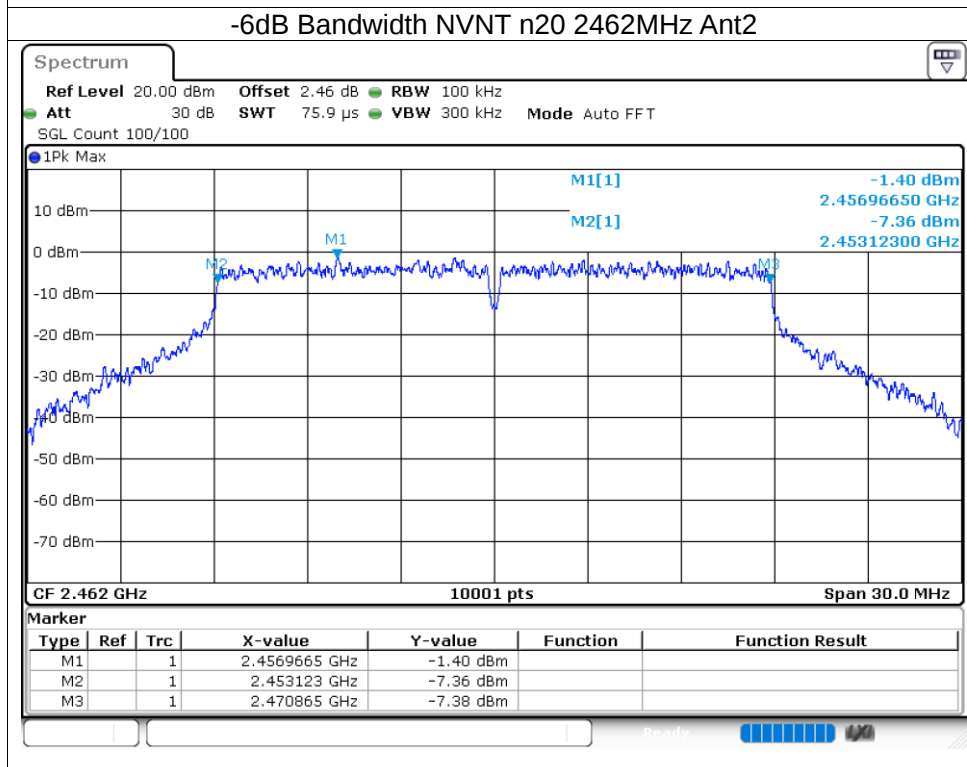
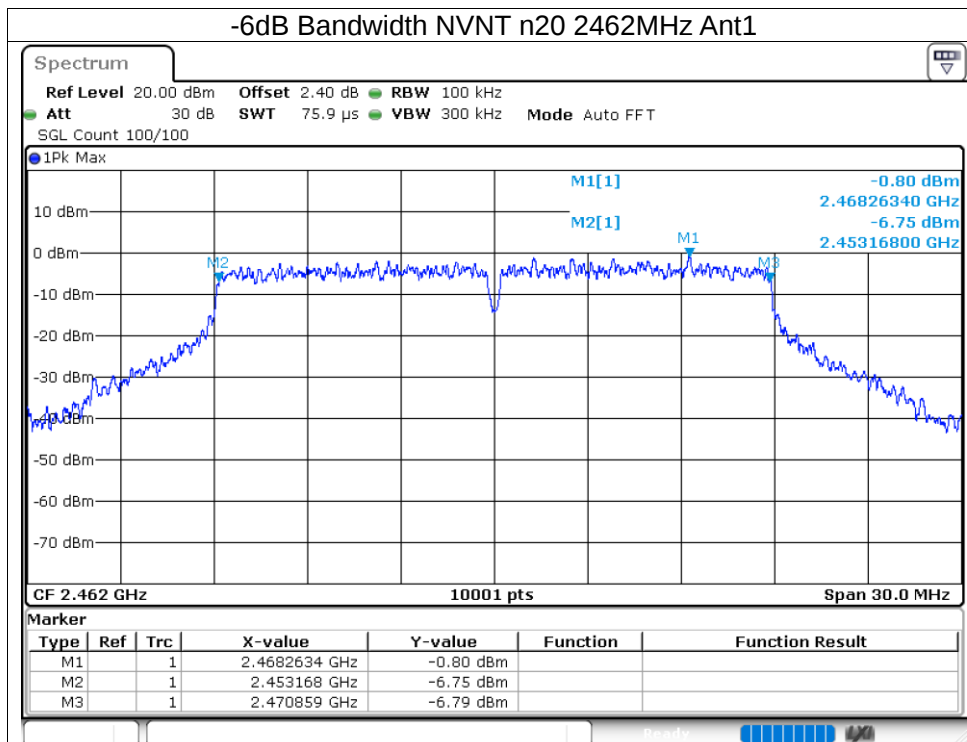
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	n20	2412	Ant1	13.41	30	Pass
NVNT	n20	2412	Ant2	13.43	30	Pass
NVNT	n20	2412	Sum	16.43	30	Pass
NVNT	n20	2437	Ant1	13.26	30	Pass
NVNT	n20	2437	Ant2	13.23	30	Pass
NVNT	n20	2437	Sum	16.26	30	Pass
NVNT	n20	2462	Ant1	13.26	30	Pass
NVNT	n20	2462	Ant2	13.33	30	Pass
NVNT	n20	2462	Sum	16.31	30	Pass
NVNT	n40	2422	Ant1	13.42	30	Pass
NVNT	n40	2422	Ant2	13.47	30	Pass
NVNT	n40	2422	Sum	16.46	30	Pass
NVNT	n40	2437	Ant1	13.29	30	Pass
NVNT	n40	2437	Ant2	13.51	30	Pass
NVNT	n40	2437	Sum	16.41	30	Pass
NVNT	n40	2452	Ant1	13.28	30	Pass
NVNT	n40	2452	Ant2	13.47	30	Pass
NVNT	n40	2452	Sum	16.39	30	Pass

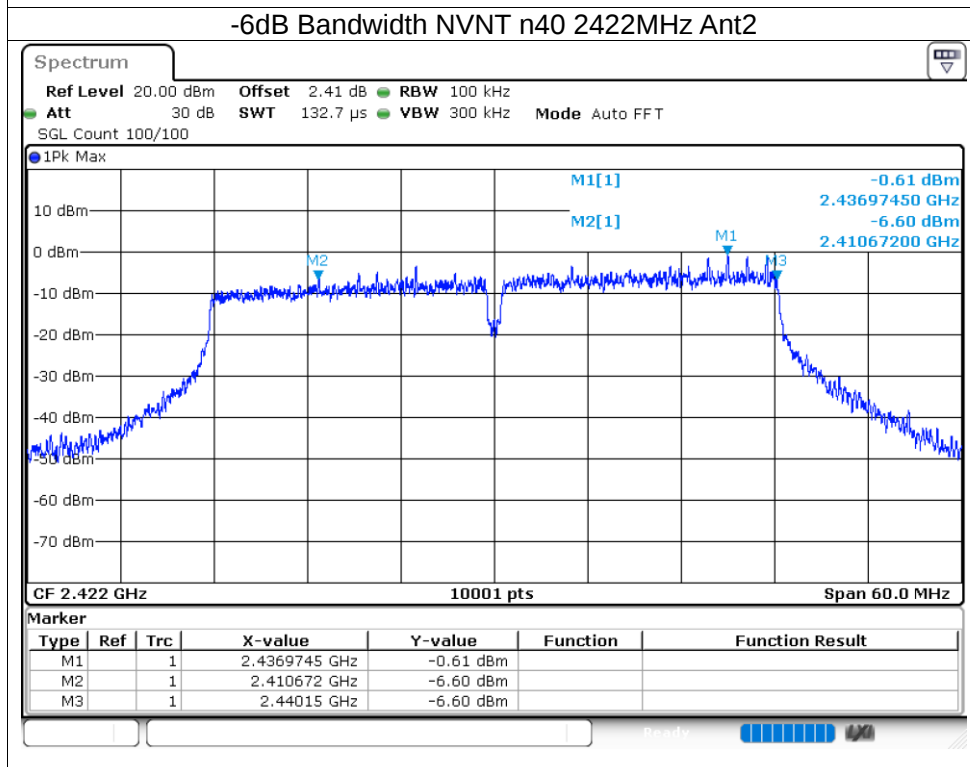
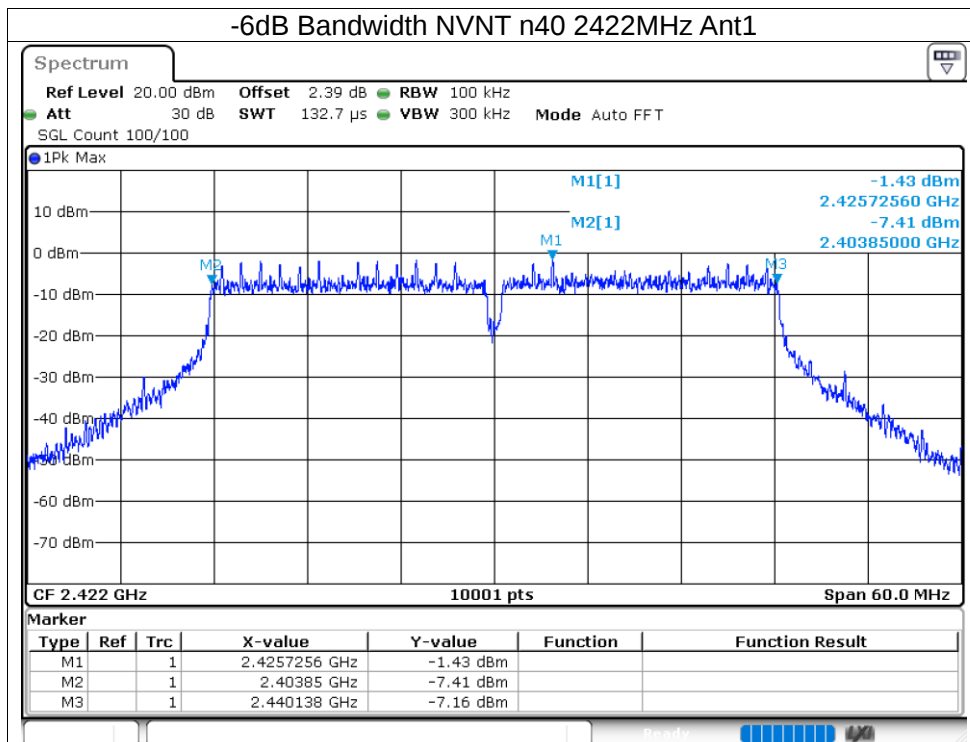
8.2.3 -6dB Bandwidth

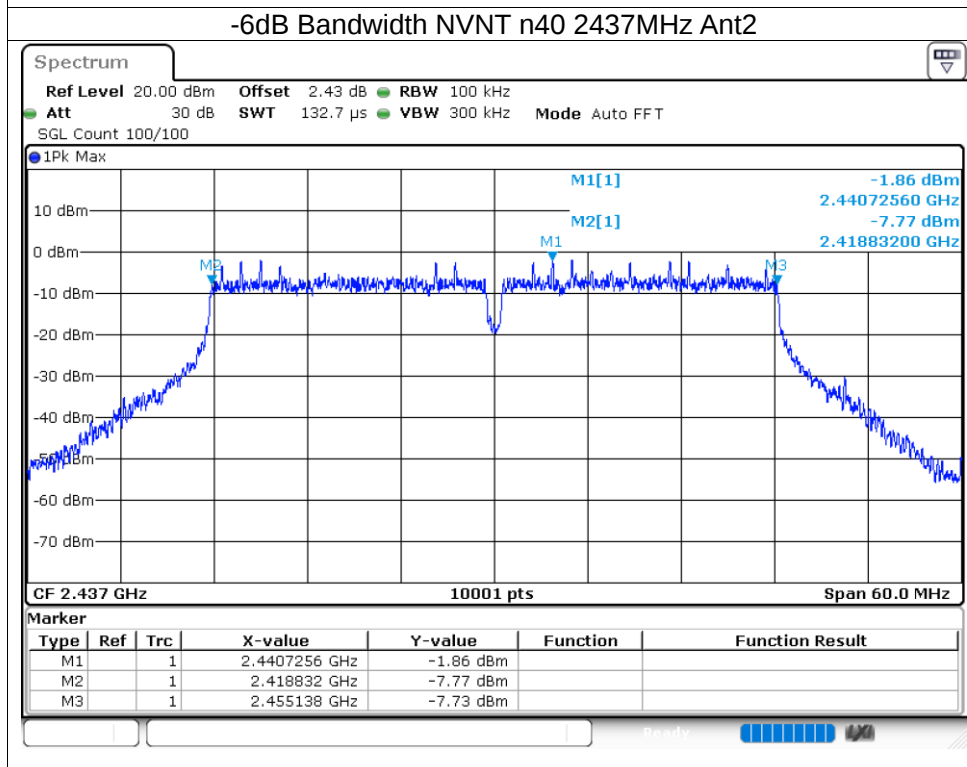
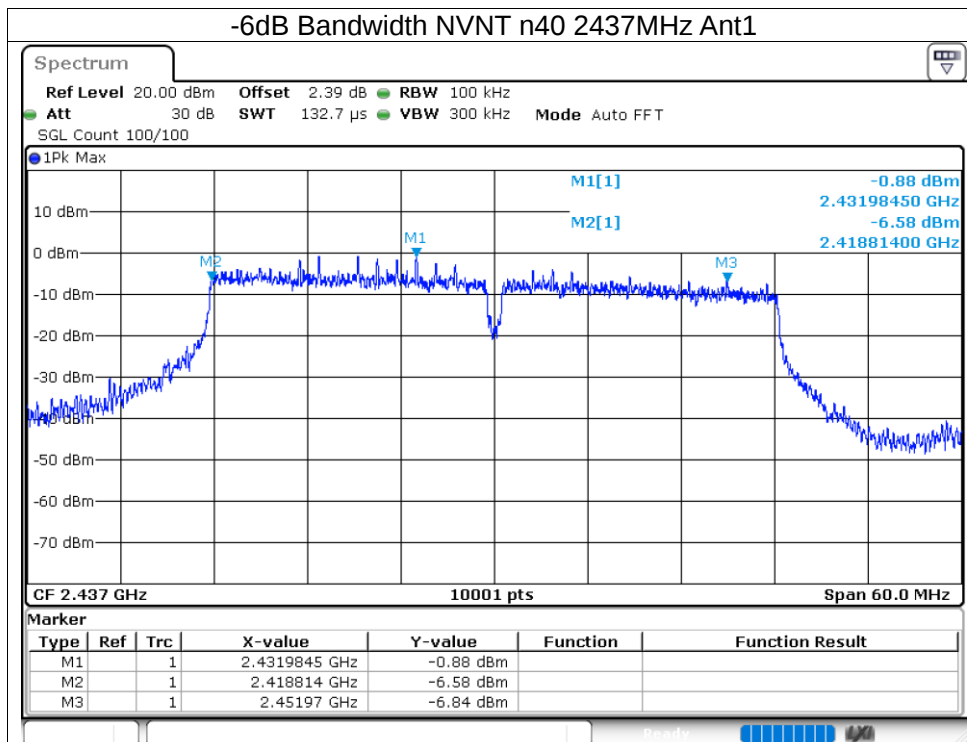
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	n20	2412	Ant1	17.67	0.5	Pass
NVNT	n20	2412	Ant2	17.79	0.5	Pass
NVNT	n20	2437	Ant1	17.541	0.5	Pass
NVNT	n20	2437	Ant2	17.583	0.5	Pass
NVNT	n20	2462	Ant1	17.691	0.5	Pass
NVNT	n20	2462	Ant2	17.742	0.5	Pass
NVNT	n40	2422	Ant1	36.288	0.5	Pass
NVNT	n40	2422	Ant2	29.478	0.5	Pass
NVNT	n40	2437	Ant1	33.156	0.5	Pass
NVNT	n40	2437	Ant2	36.306	0.5	Pass
NVNT	n40	2452	Ant1	36.3	0.5	Pass
NVNT	n40	2452	Ant2	35.904	0.5	Pass

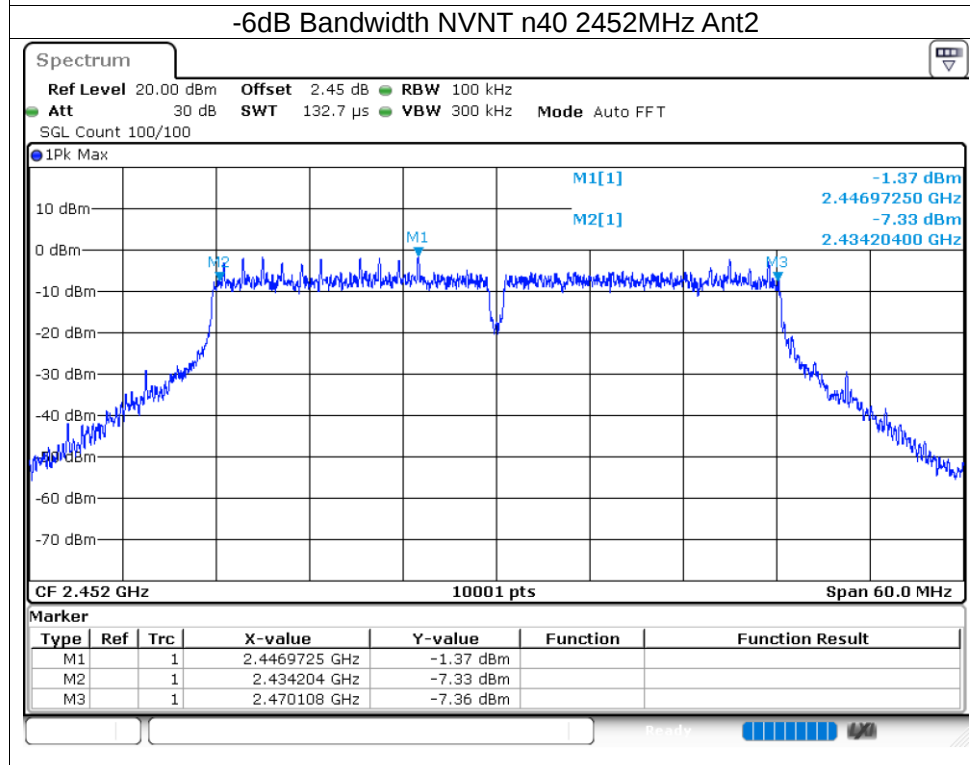
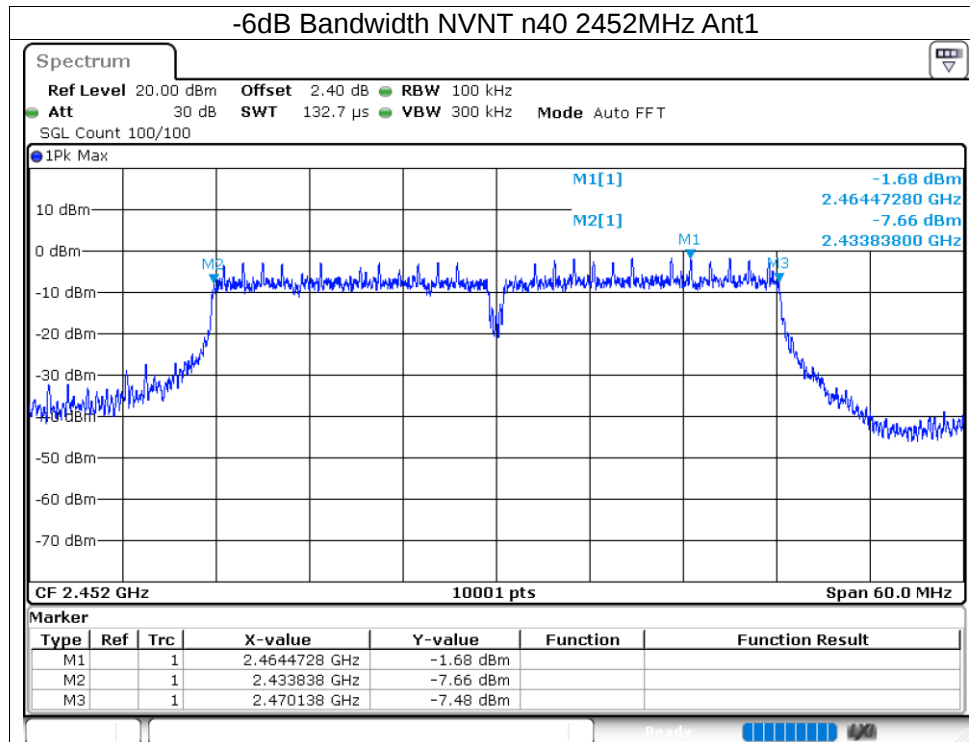






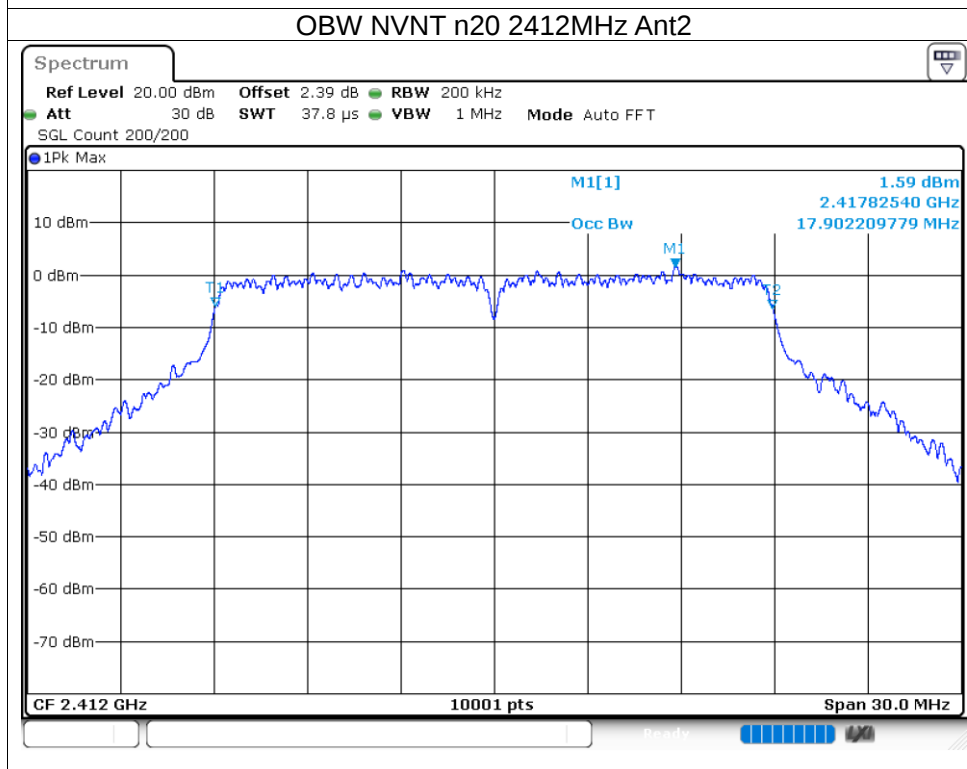
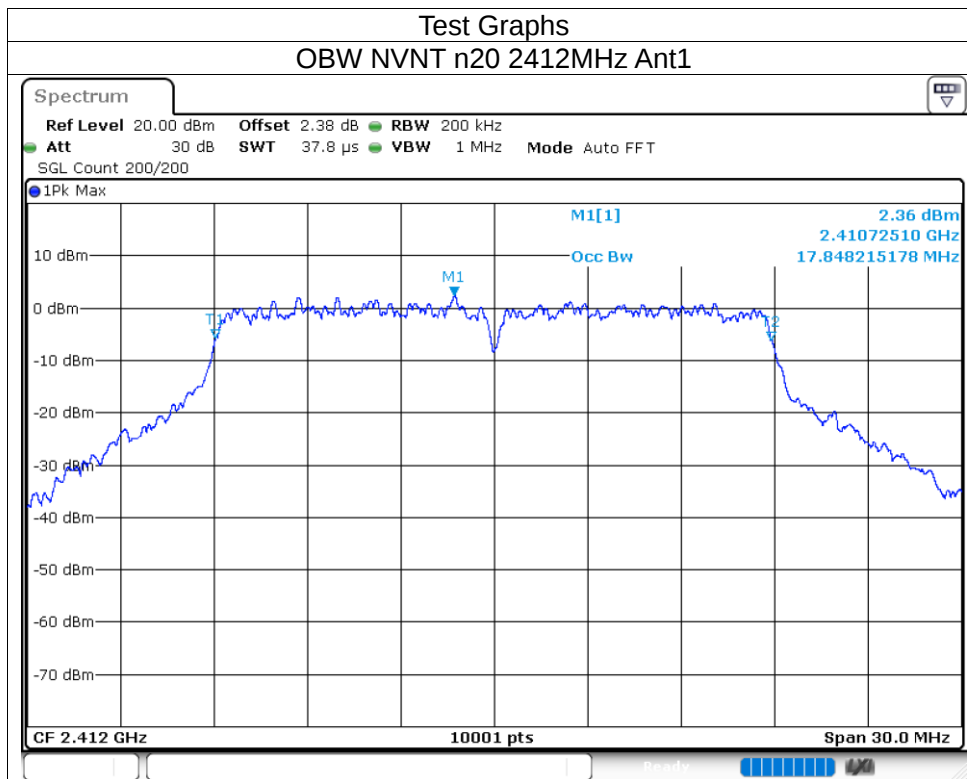


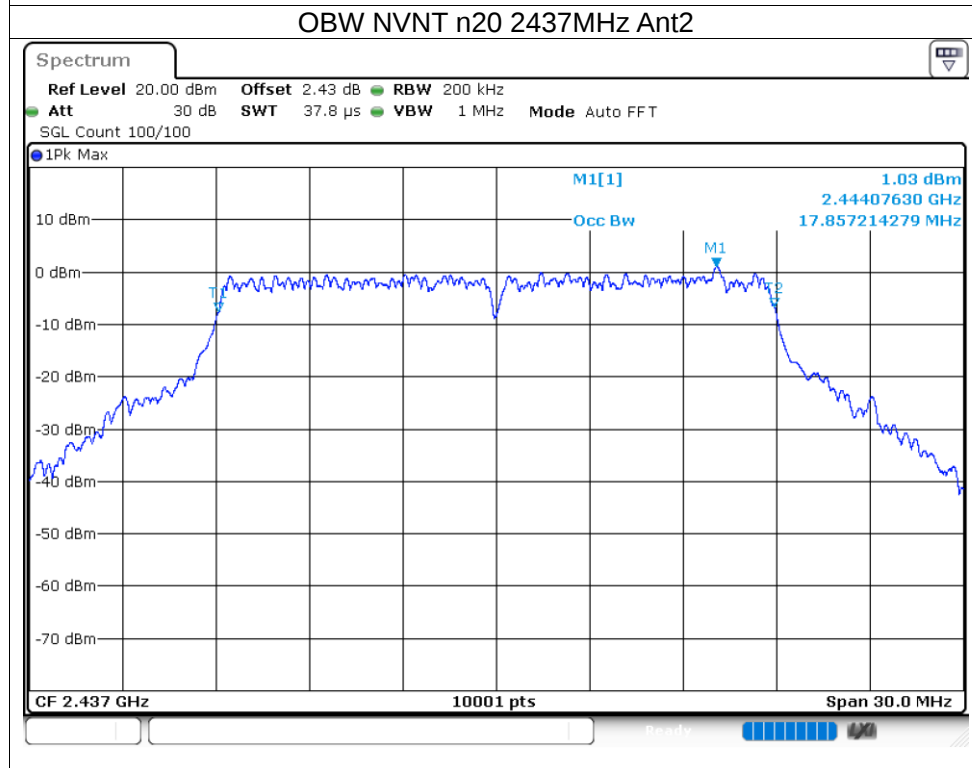
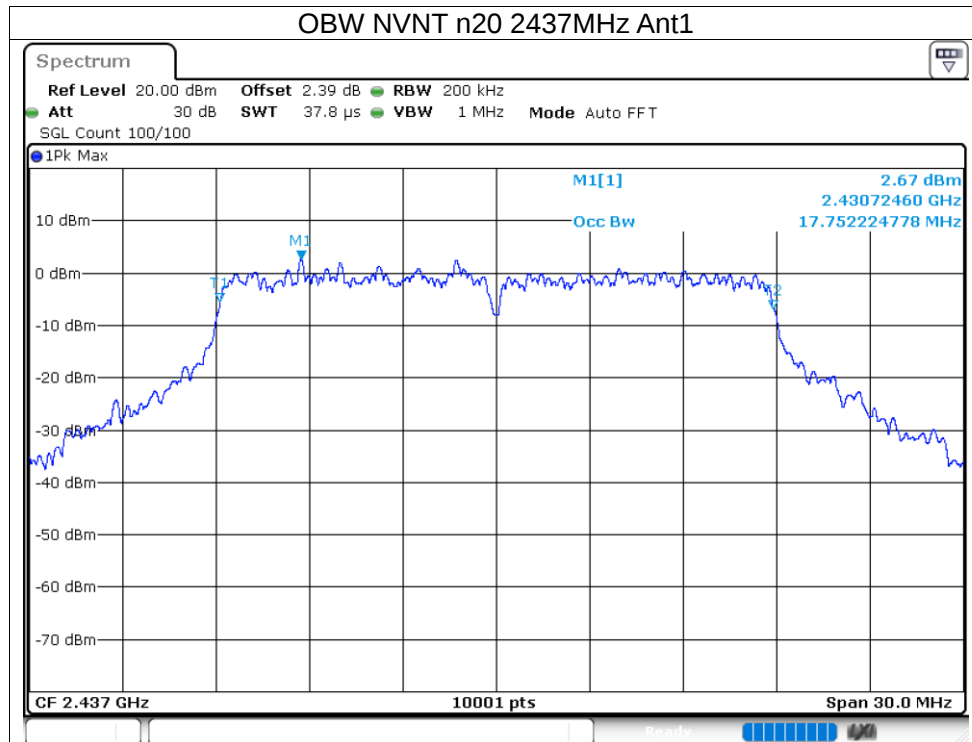




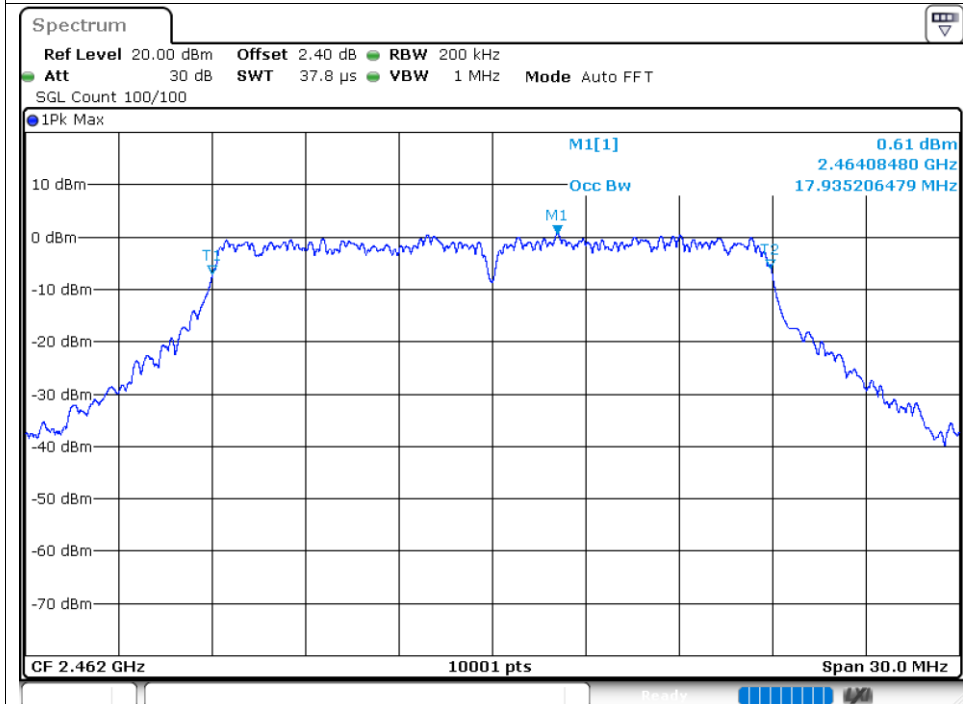
8.2.4 Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	n20	2412	Ant1	17.848
NVNT	n20	2412	Ant2	17.902
NVNT	n20	2437	Ant1	17.752
NVNT	n20	2437	Ant2	17.857
NVNT	n20	2462	Ant1	17.935
NVNT	n20	2462	Ant2	17.821
NVNT	n40	2422	Ant1	36.434
NVNT	n40	2422	Ant2	36.368
NVNT	n40	2437	Ant1	36.392
NVNT	n40	2437	Ant2	36.434
NVNT	n40	2452	Ant1	36.464
NVNT	n40	2452	Ant2	36.398

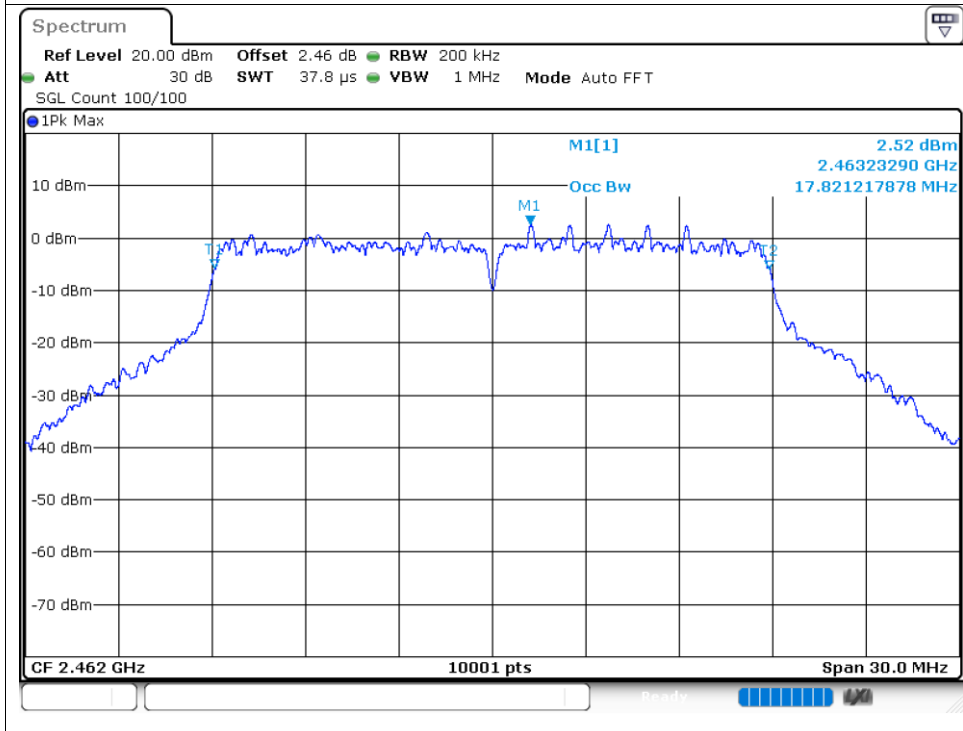


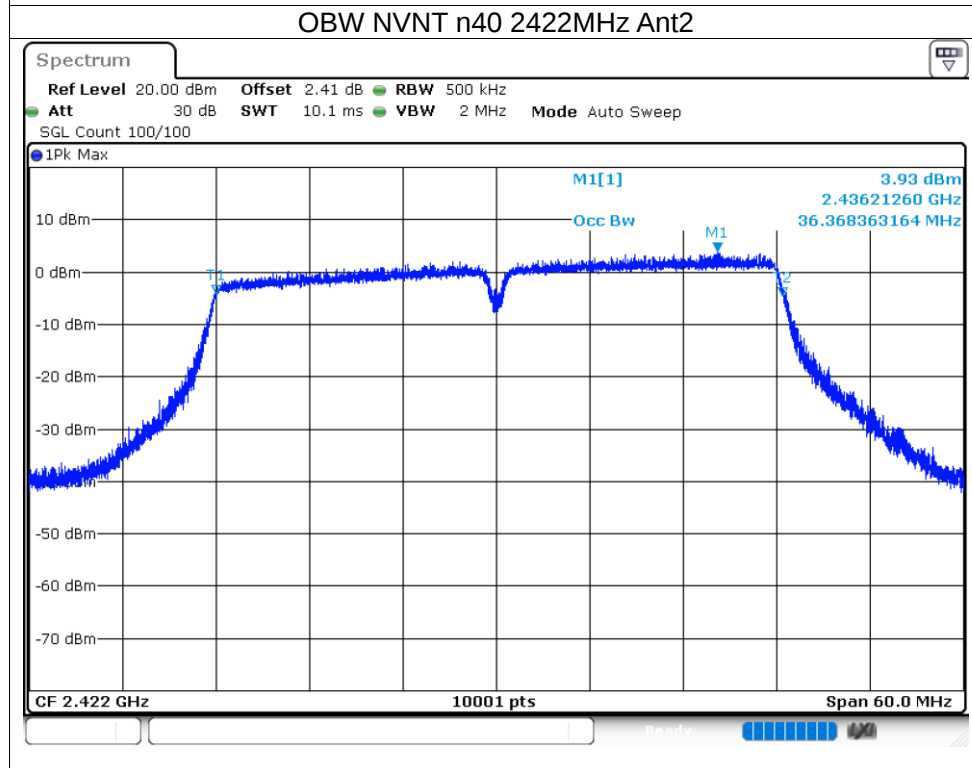
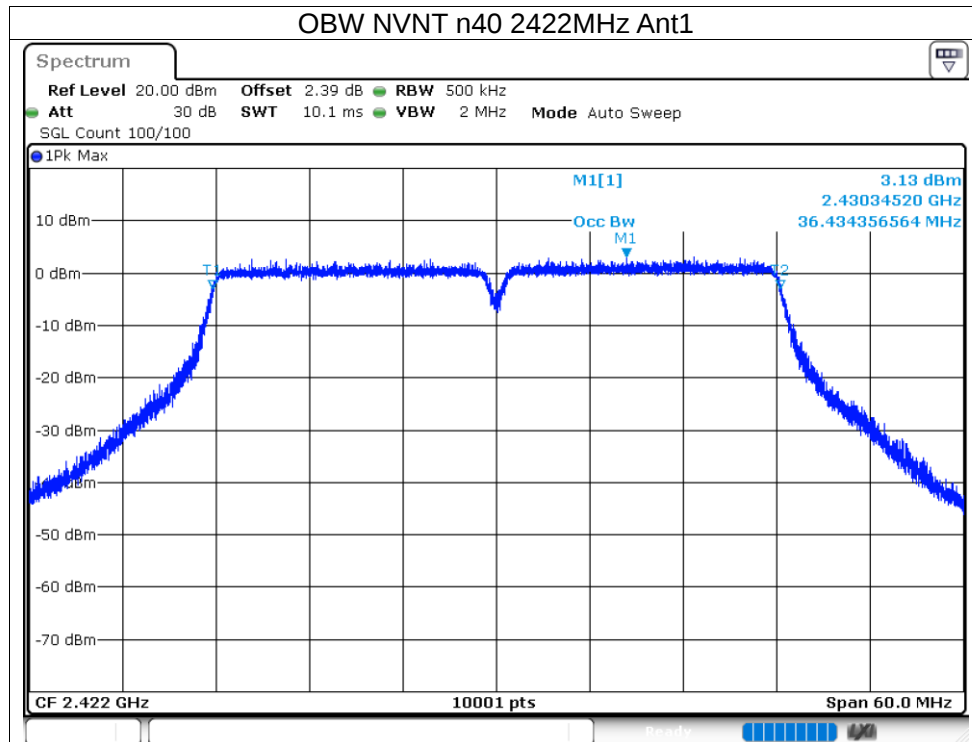


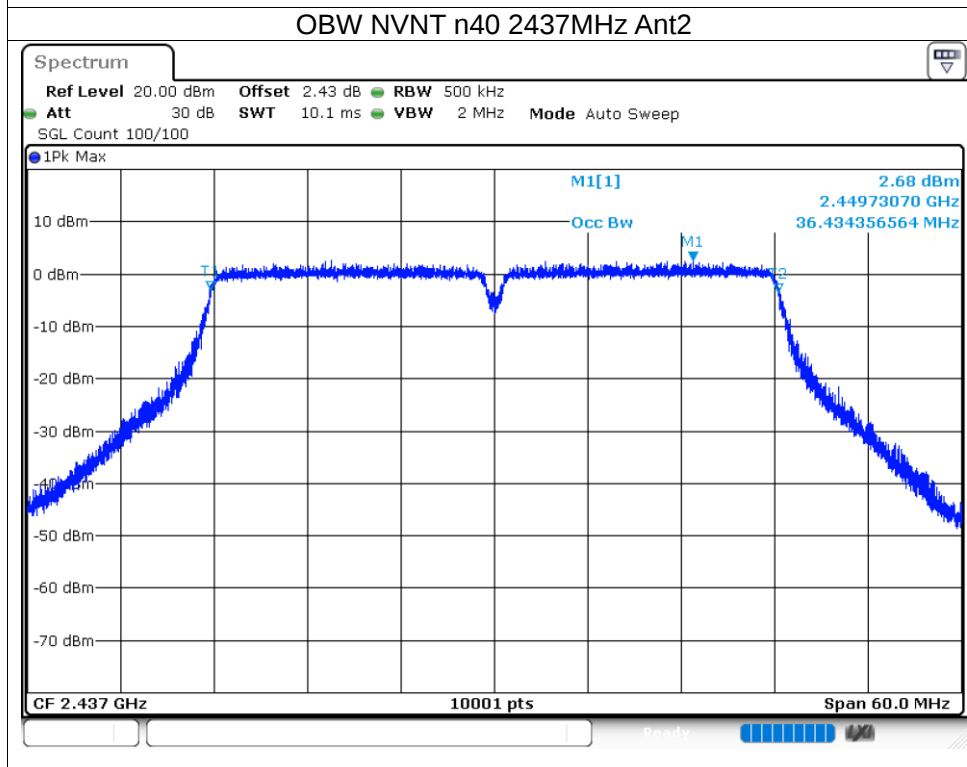
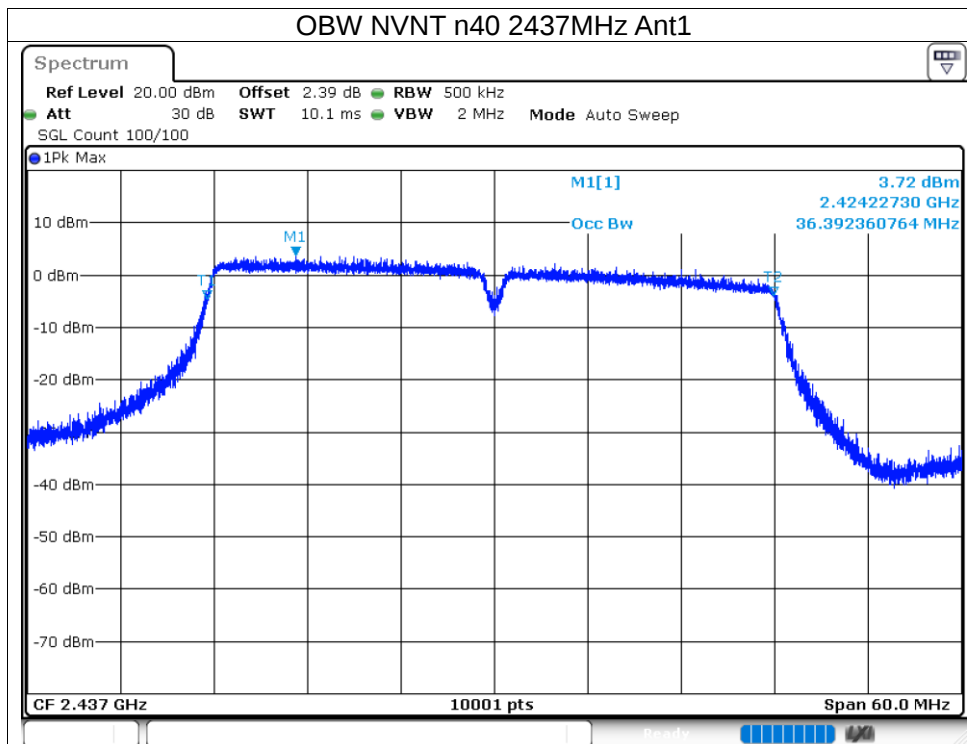
OBW NVNT n20 2462MHz Ant1

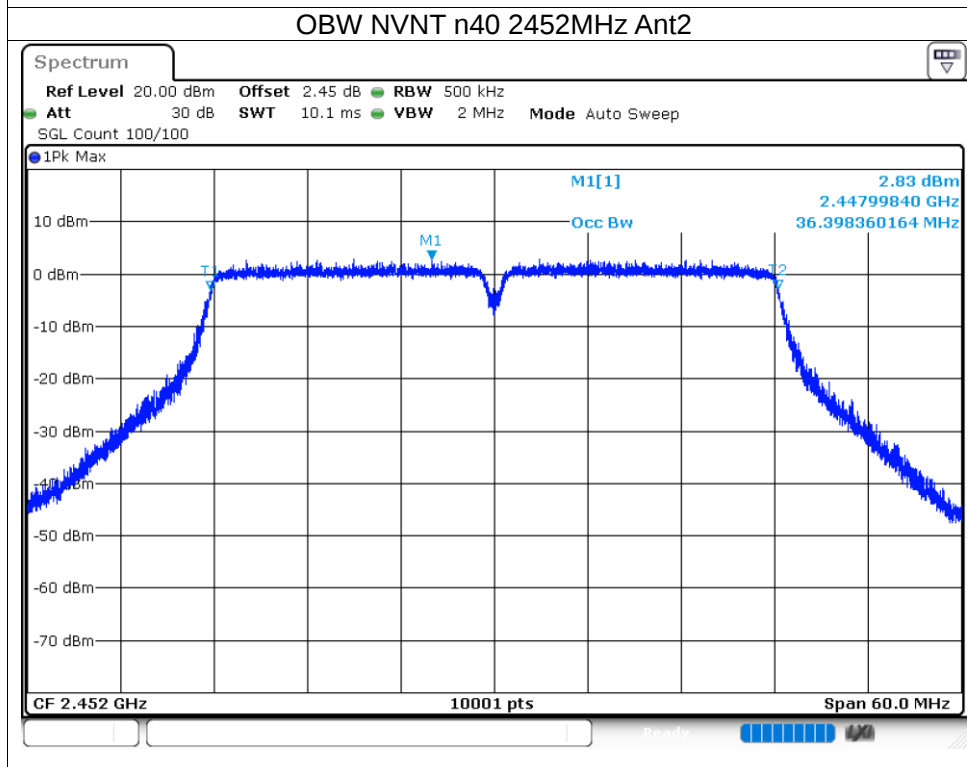
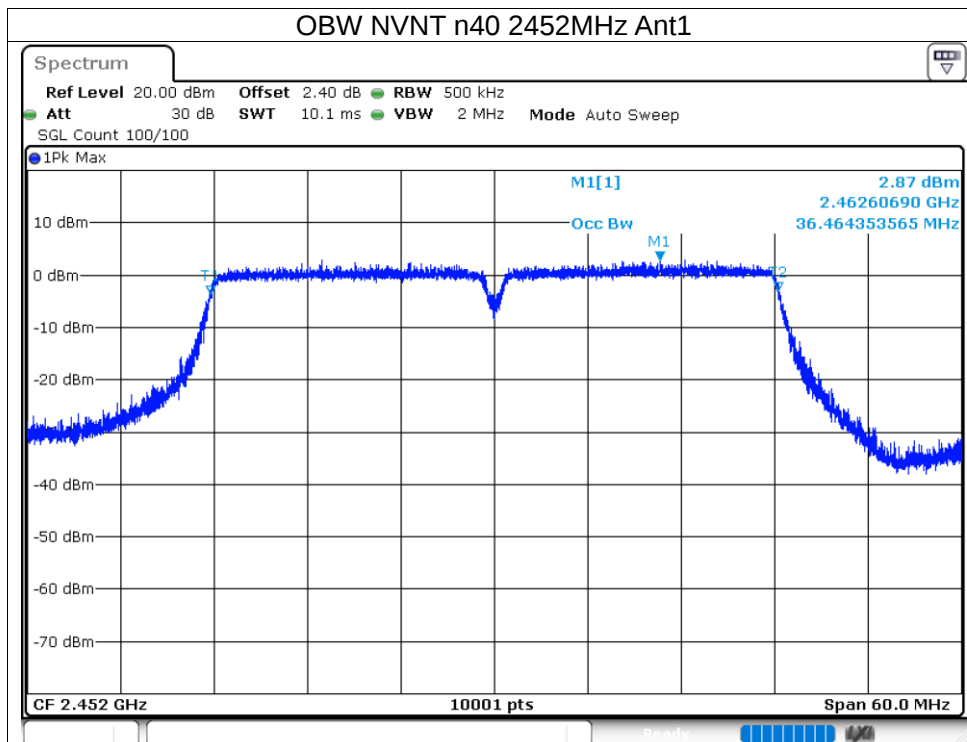


OBW NVNT n20 2462MHz Ant2



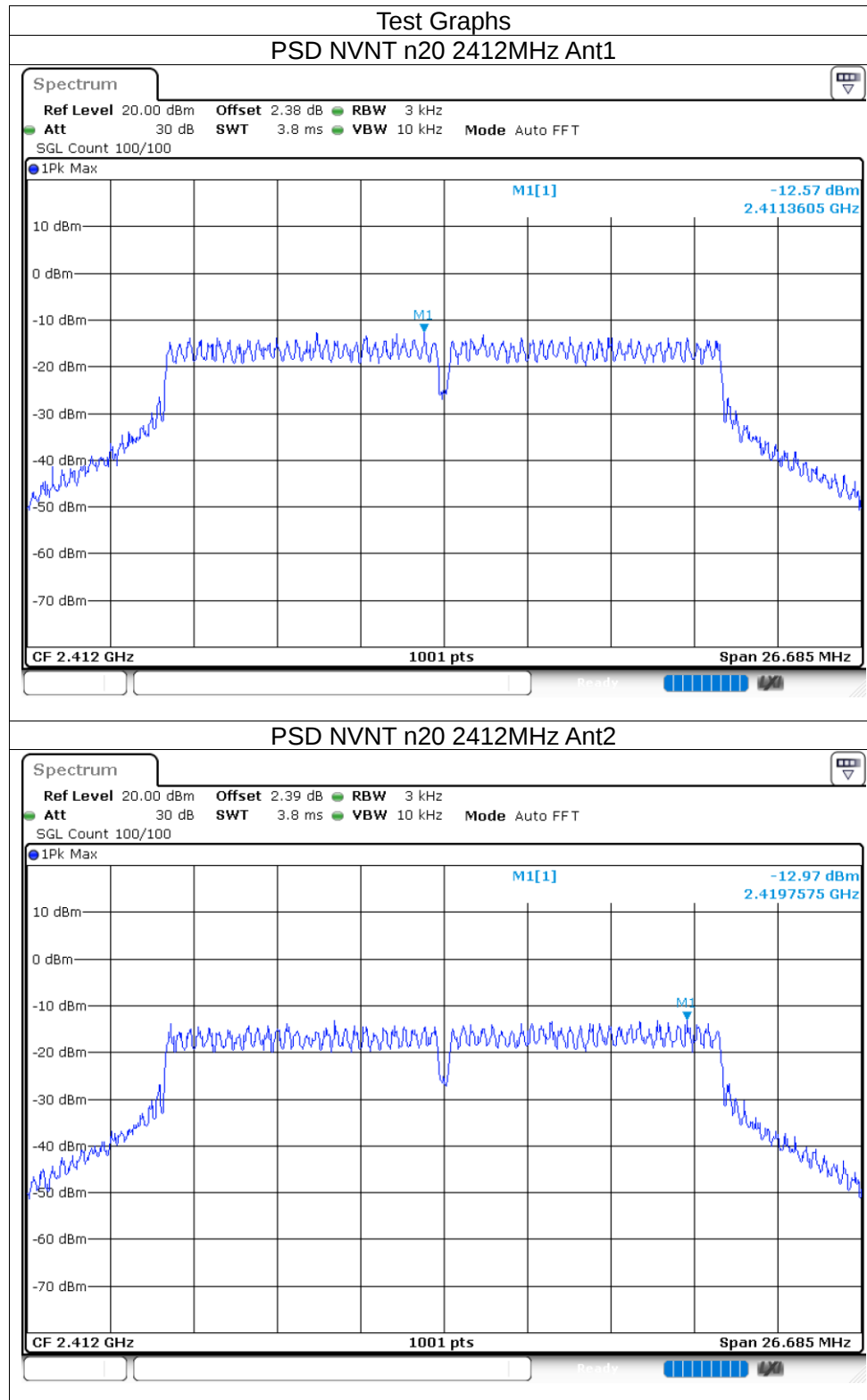




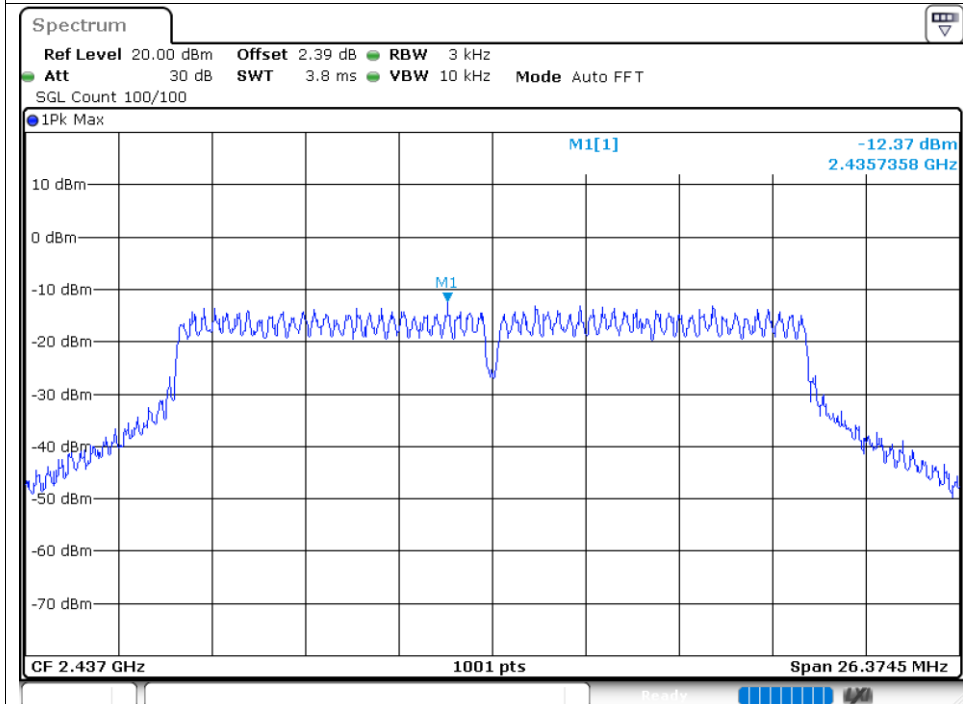


8.2.5 Maximum Power Spectral Density Level

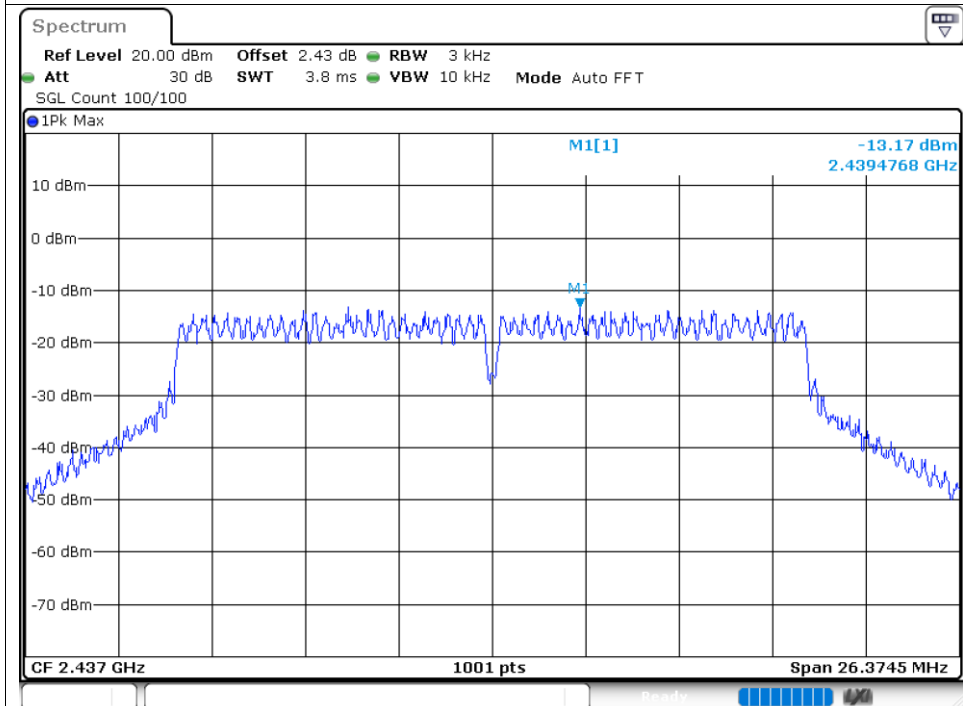
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	n20	2412	Ant1	-12.57	8	Pass
NVNT	n20	2412	Ant2	-12.97	8	Pass
NVNT	n20	2412	Sum	-9.76	8	Pass
NVNT	n20	2437	Ant1	-12.37	8	Pass
NVNT	n20	2437	Ant2	-13.17	8	Pass
NVNT	n20	2437	Sum	-9.74	8	Pass
NVNT	n20	2462	Ant1	-11.97	8	Pass
NVNT	n20	2462	Ant2	-12.7	8	Pass
NVNT	n20	2462	Sum	-9.31	8	Pass
NVNT	n40	2422	Ant1	-14.21	8	Pass
NVNT	n40	2422	Ant2	-14.14	8	Pass
NVNT	n40	2422	Sum	-11.16	8	Pass
NVNT	n40	2437	Ant1	-14.36	8	Pass
NVNT	n40	2437	Ant2	-15.09	8	Pass
NVNT	n40	2437	Sum	-11.7	8	Pass
NVNT	n40	2452	Ant1	-14.26	8	Pass
NVNT	n40	2452	Ant2	-13.95	8	Pass
NVNT	n40	2452	Sum	-11.09	8	Pass



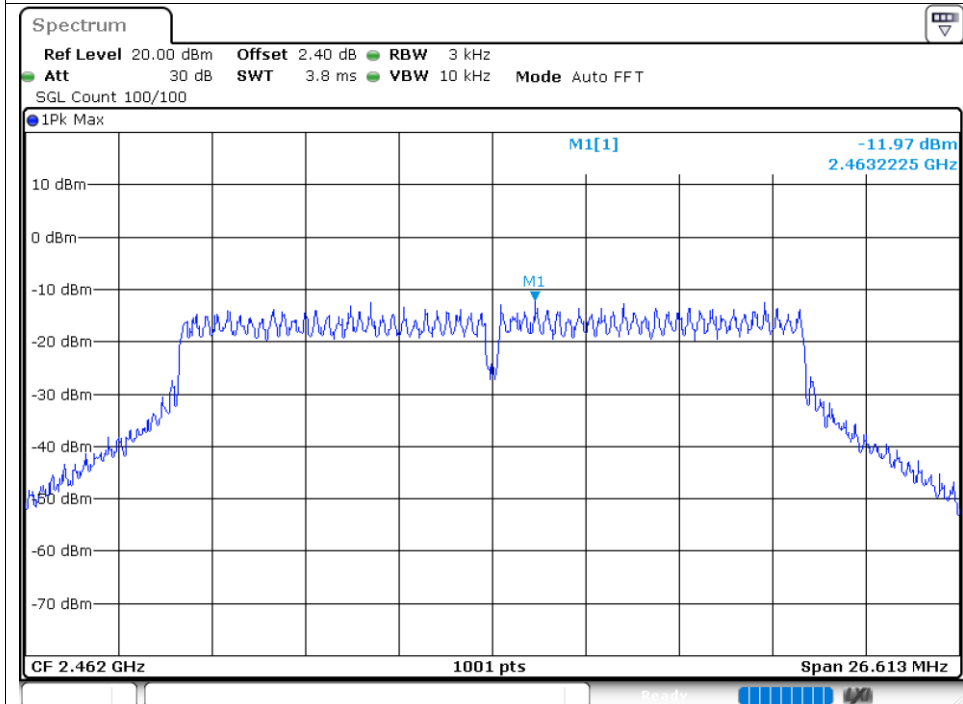
PSD NVNT n20 2437MHz Ant1



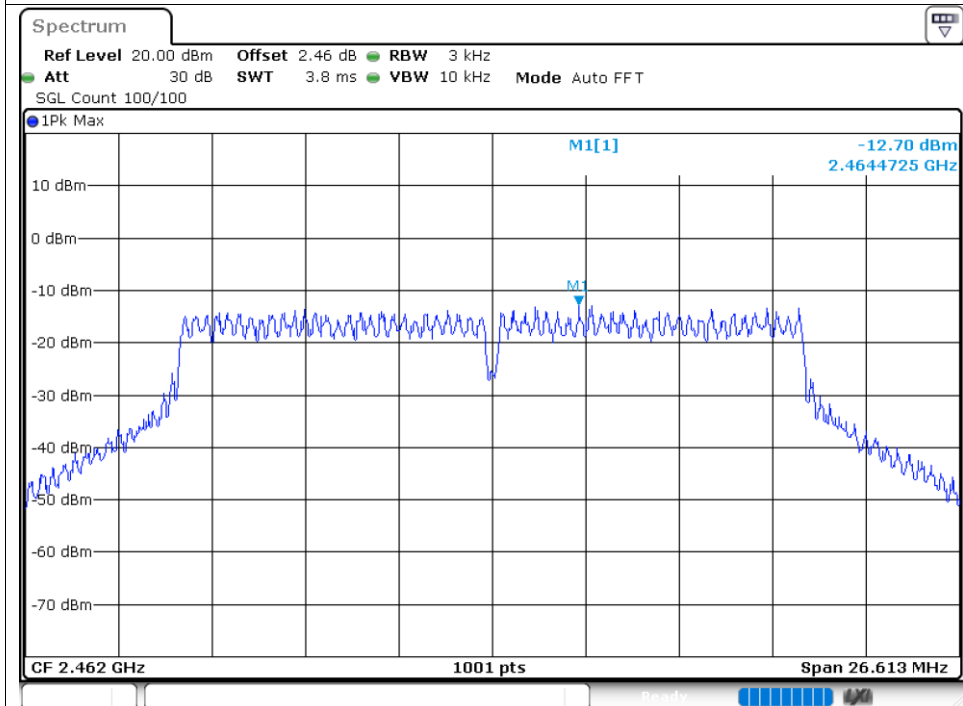
PSD NVNT n20 2437MHz Ant2



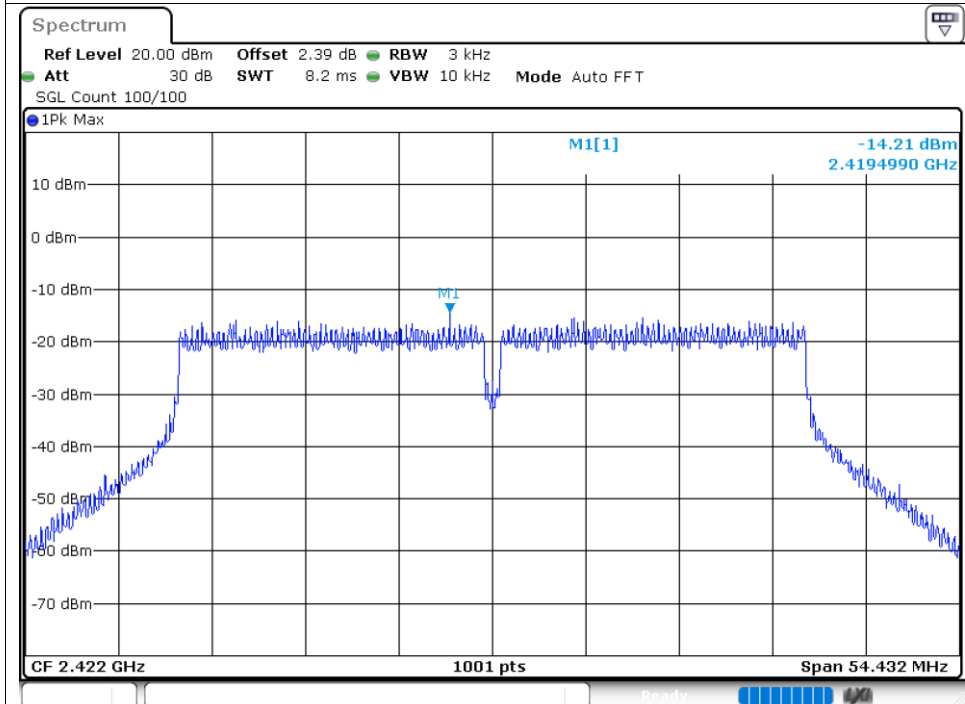
PSD NVNT n20 2462MHz Ant1



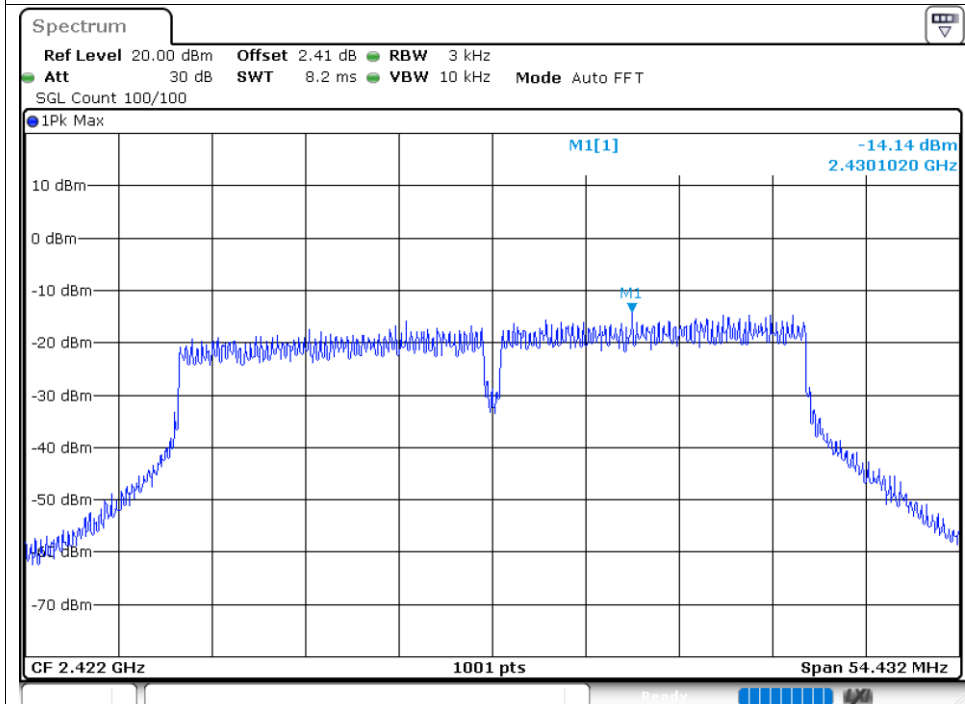
PSD NVNT n20 2462MHz Ant2



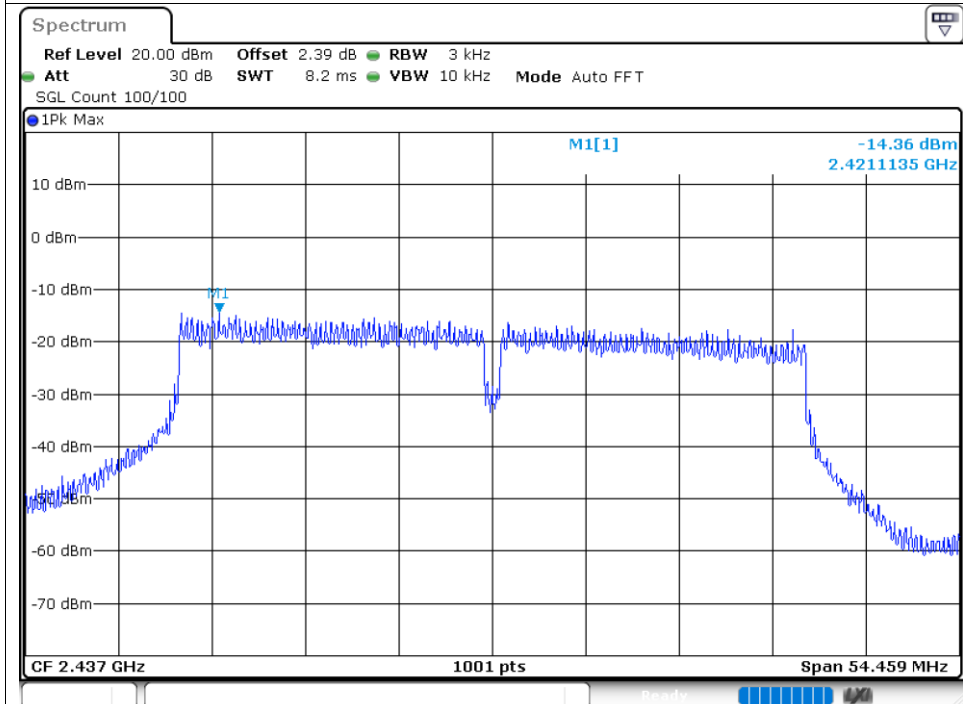
PSD NVNT n40 2422MHz Ant1



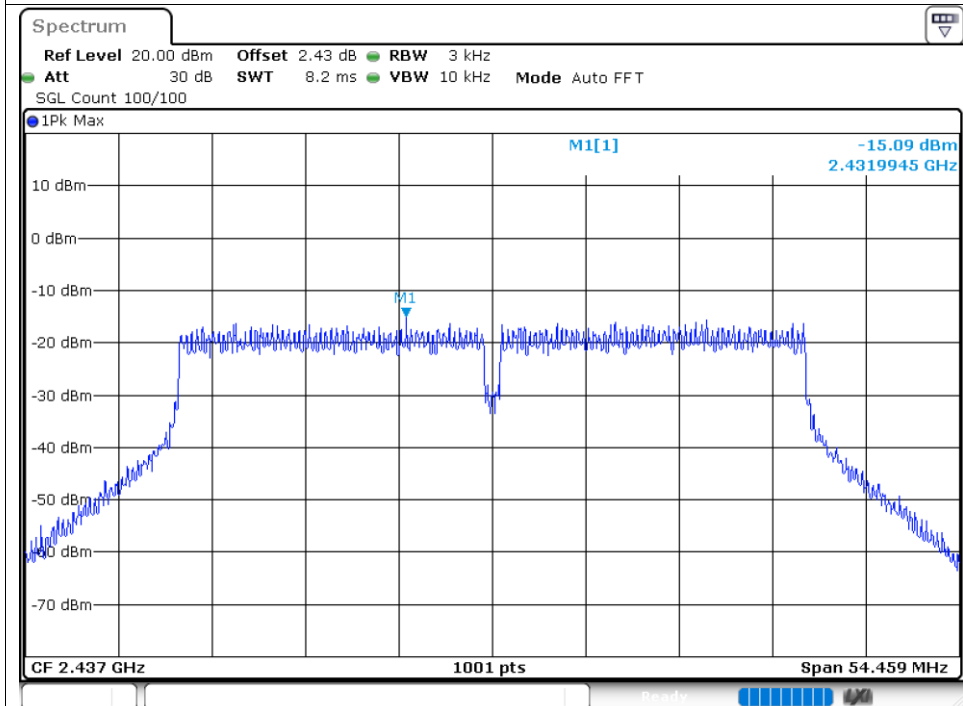
PSD NVNT n40 2422MHz Ant2



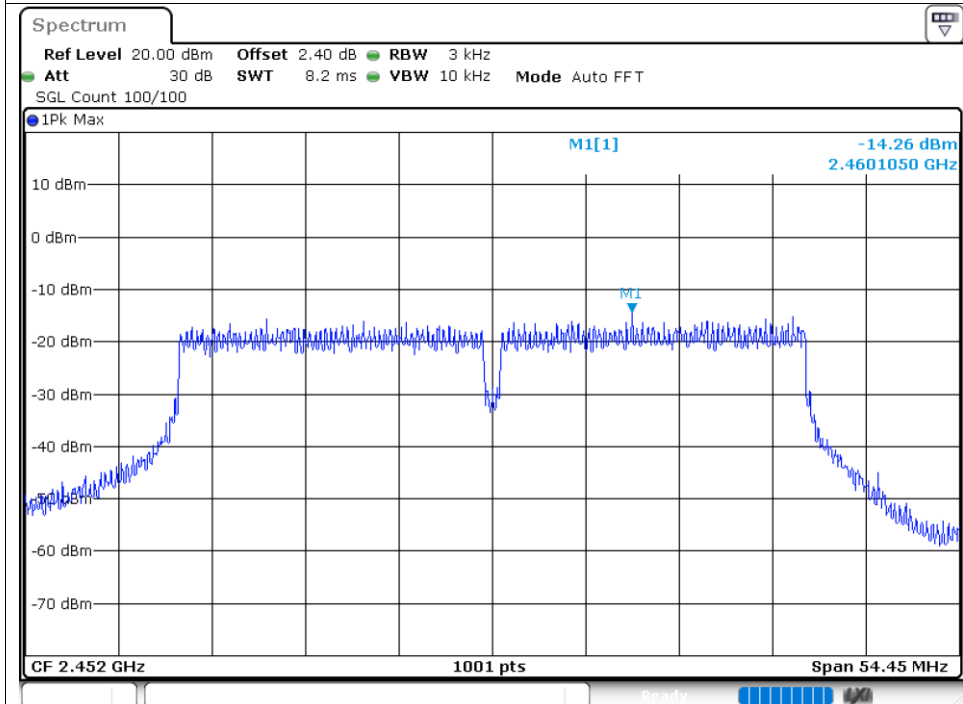
PSD NVNT n40 2437MHz Ant1



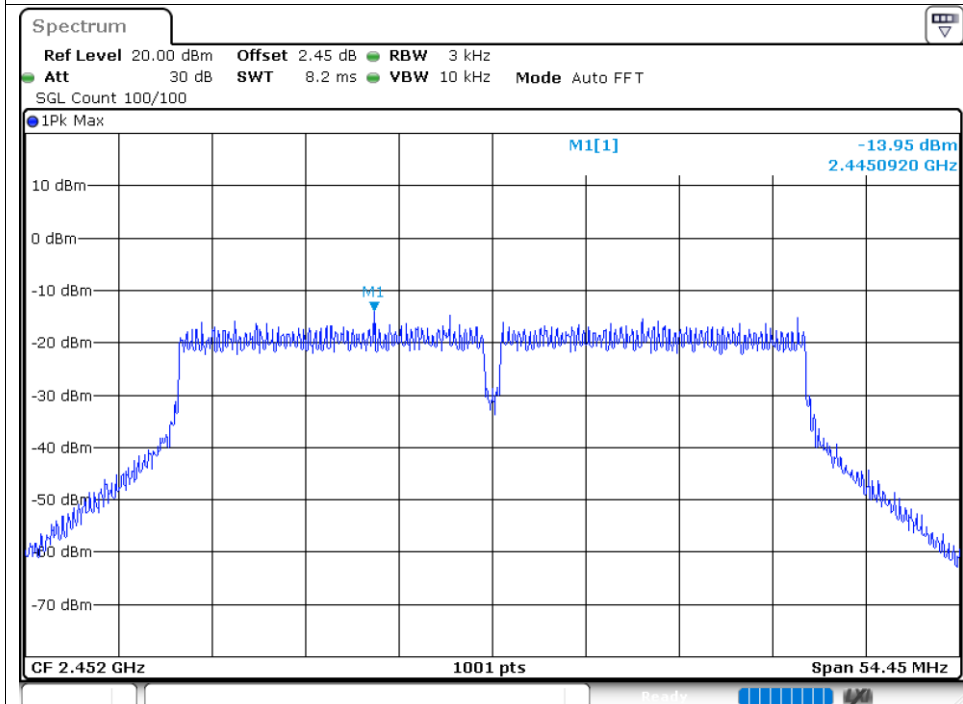
PSD NVNT n40 2437MHz Ant2



PSD NVNT n40 2452MHz Ant1



PSD NVNT n40 2452MHz Ant2

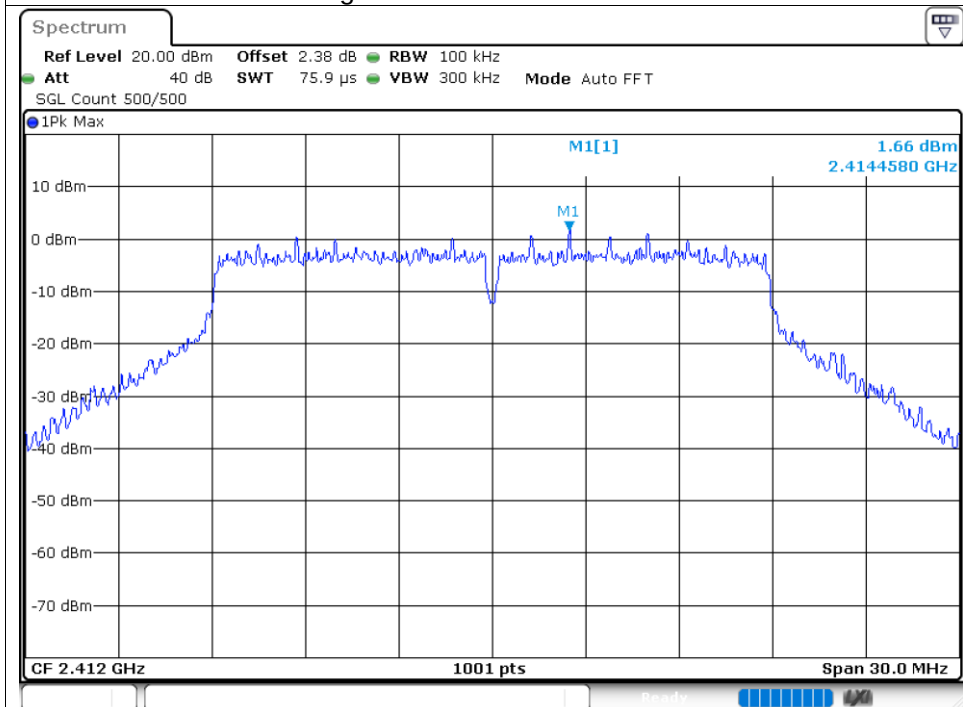


8.2.6 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	n20	2412	Ant1	-46.18	-20	Pass
NVNT	n20	2412	Ant2	-46.86	-20	Pass
NVNT	n20	2462	Ant1	-43.2	-20	Pass
NVNT	n20	2462	Ant2	-55.78	-20	Pass
NVNT	n40	2422	Ant1	-42.61	-20	Pass
NVNT	n40	2422	Ant2	-42.96	-20	Pass
NVNT	n40	2452	Ant1	-36.35	-20	Pass
NVNT	n40	2452	Ant2	-46.48	-20	Pass

Test Graphs

Band Edge NVNT n20 2412MHz Ant1 Ref



Band Edge NVNT n20 2412MHz Ant1 Emission

