

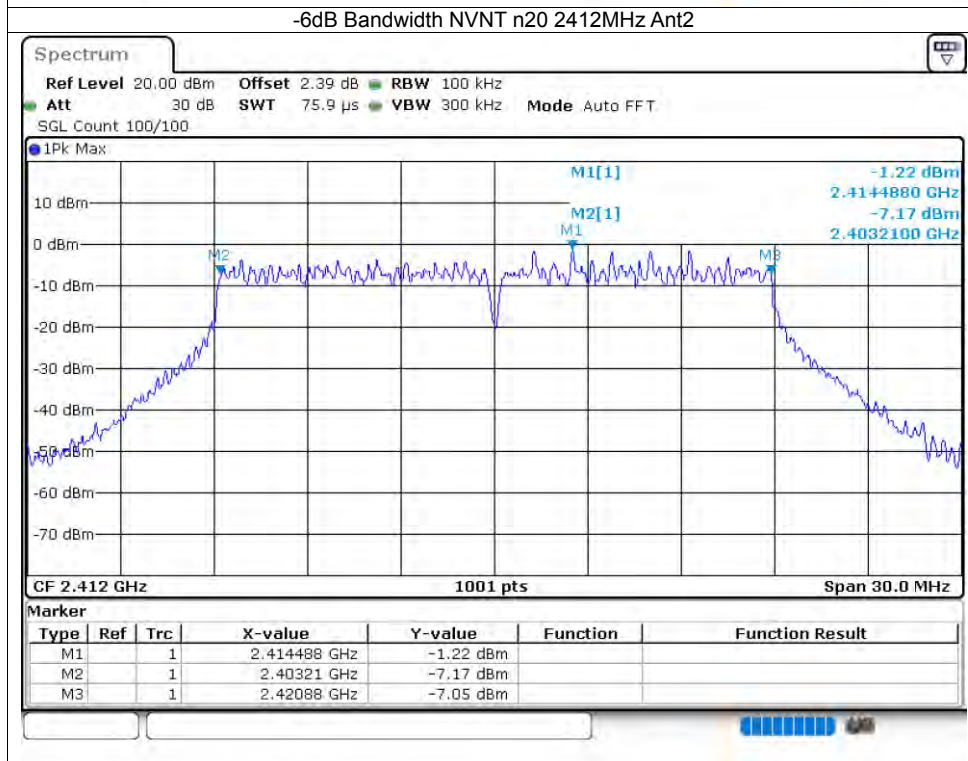
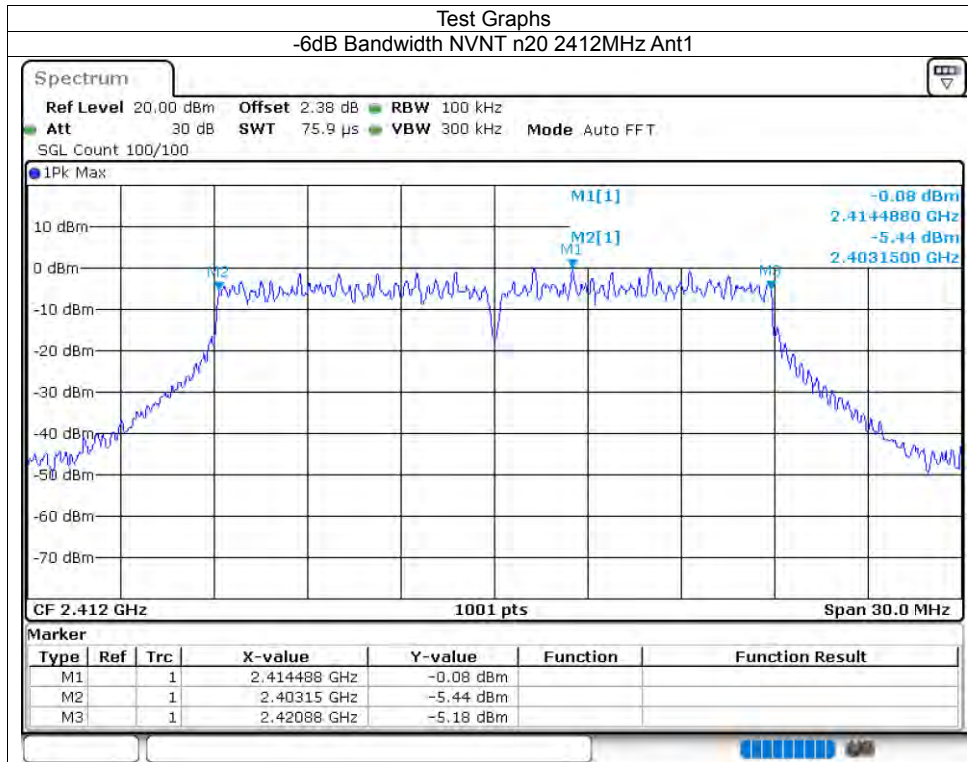
8.2 2.4G WIFI MIMO

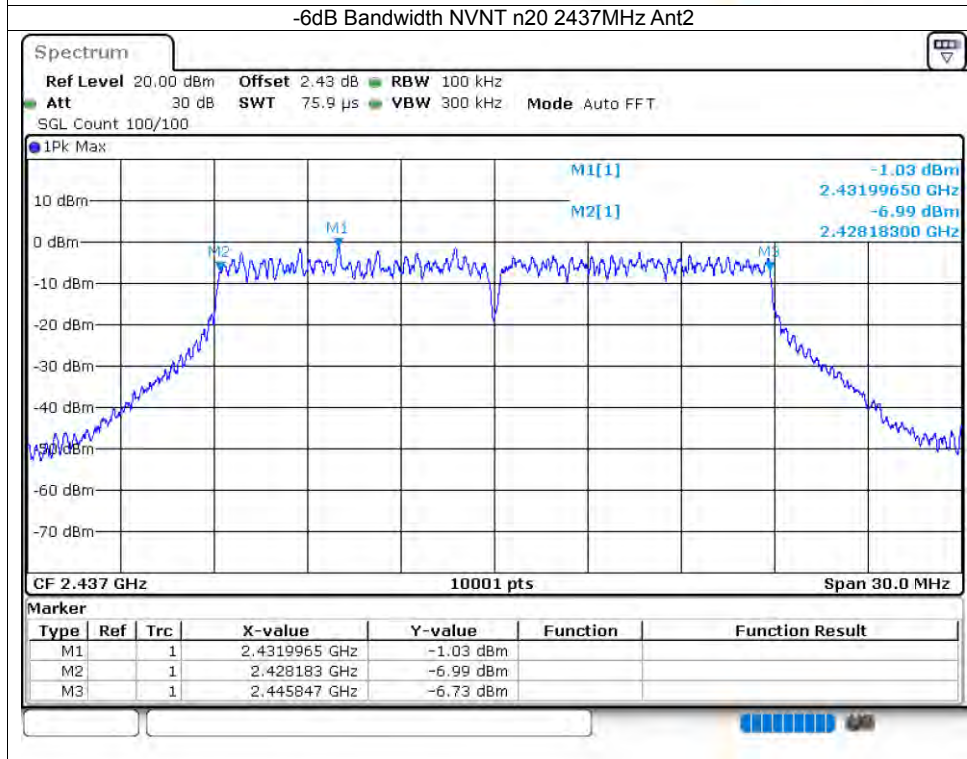
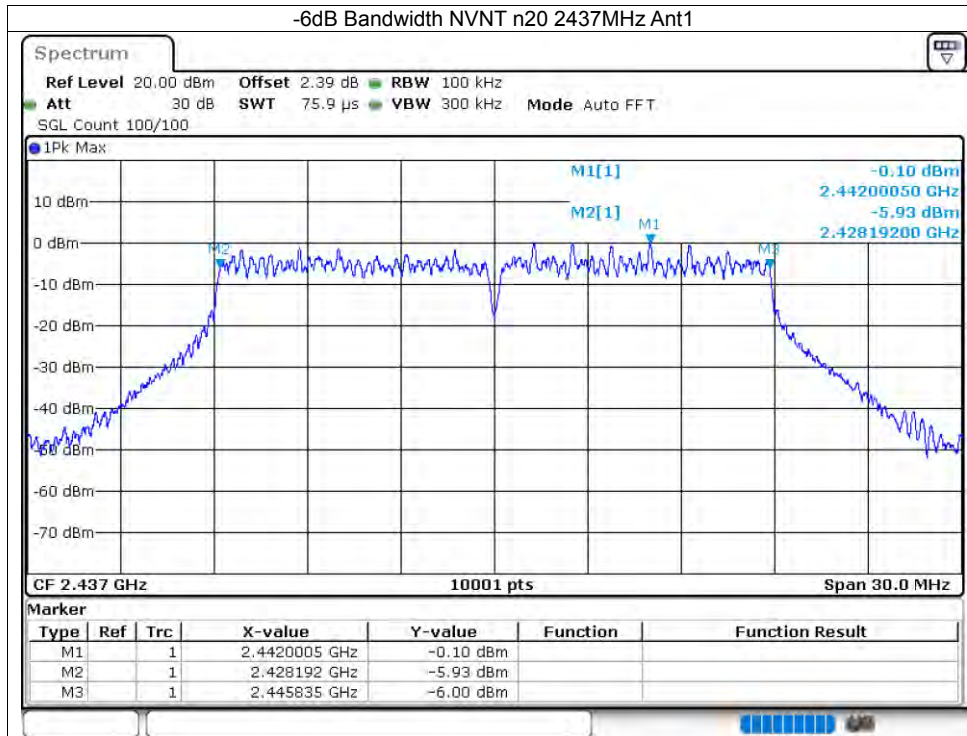
8.2.1 Maximum Conducted Output Power

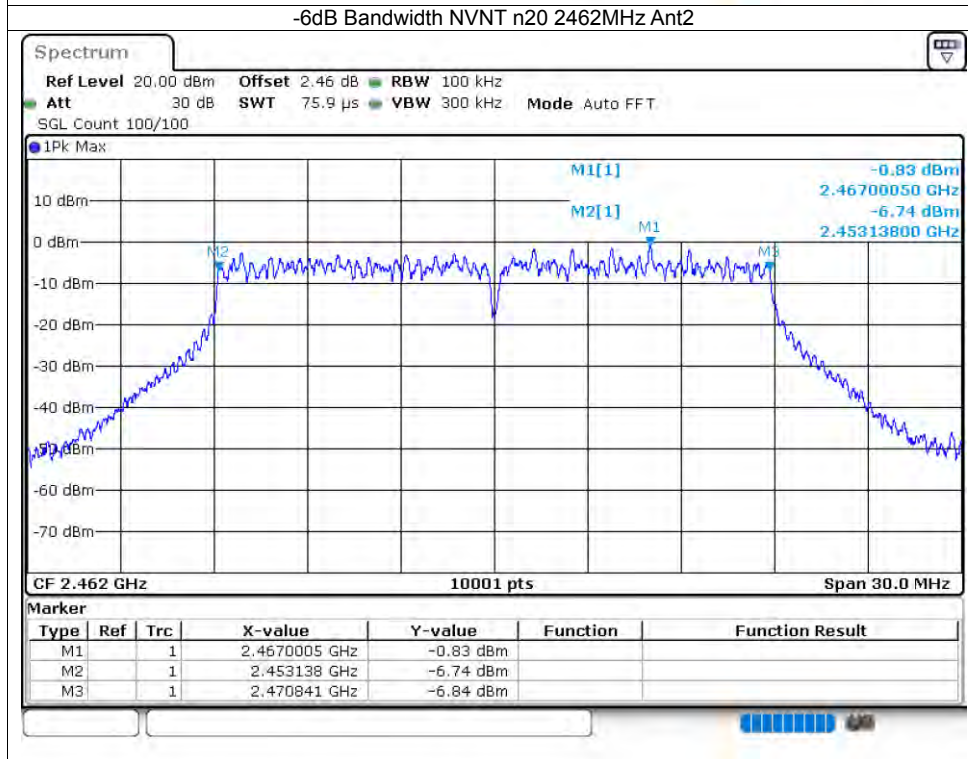
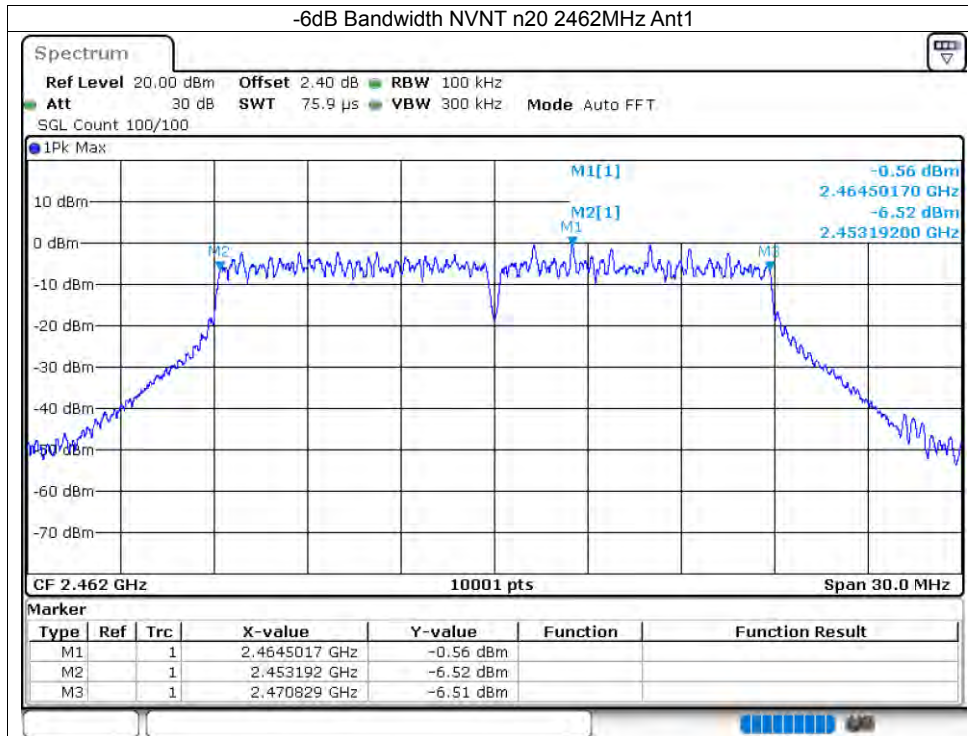
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	n20	2412	Ant1	12.47	-	Pass
NVNT	n20	2412	Ant2	10.97	-	Pass
NVNT	n20	2412	Sum	14.79	30	Pass
NVNT	n20	2437	Ant1	12.41	-	Pass
NVNT	n20	2437	Ant2	11.96	-	Pass
NVNT	n20	2437	Sum	15.2	30	Pass
NVNT	n20	2462	Ant1	11.85	-	Pass
NVNT	n20	2462	Ant2	11.65	-	Pass
NVNT	n20	2462	Sum	14.76	30	Pass
NVNT	n40	2422	Ant1	10.43	-	Pass
NVNT	n40	2422	Ant2	9.48	-	Pass
NVNT	n40	2422	Sum	12.99	30	Pass
NVNT	n40	2437	Ant1	10.39	-	Pass
NVNT	n40	2437	Ant2	9.76	-	Pass
NVNT	n40	2437	Sum	13.1	30	Pass
NVNT	n40	2452	Ant1	10.11	-	Pass
NVNT	n40	2452	Ant2	9.86	-	Pass
NVNT	n40	2452	Sum	13	30	Pass

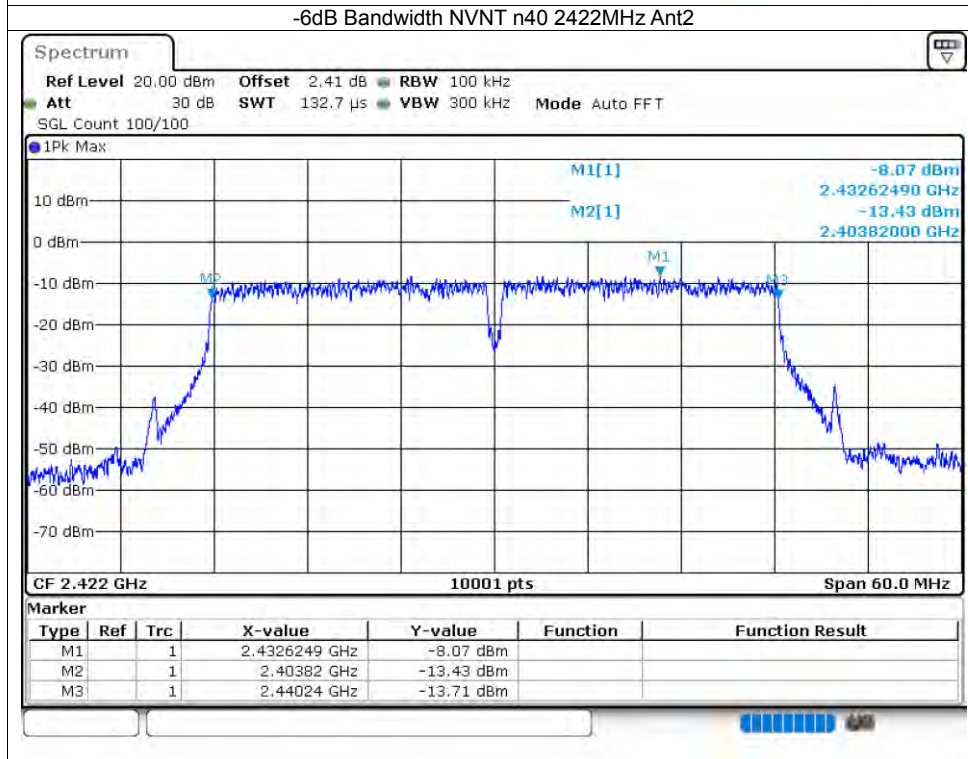
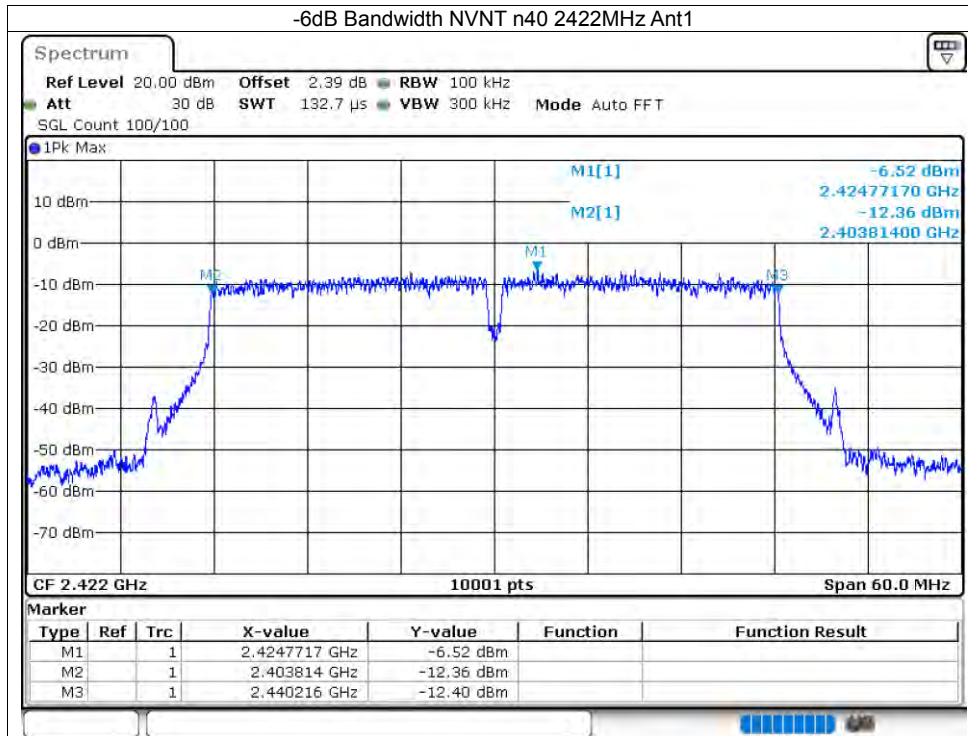
8.2.2 **-6dB Bandwidth**

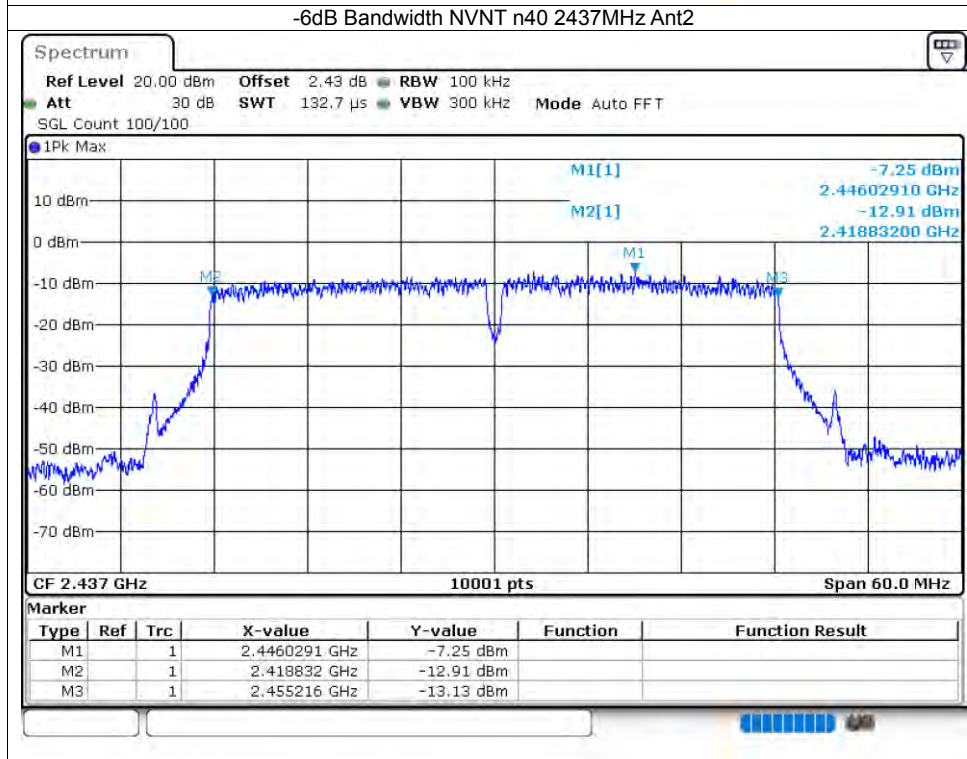
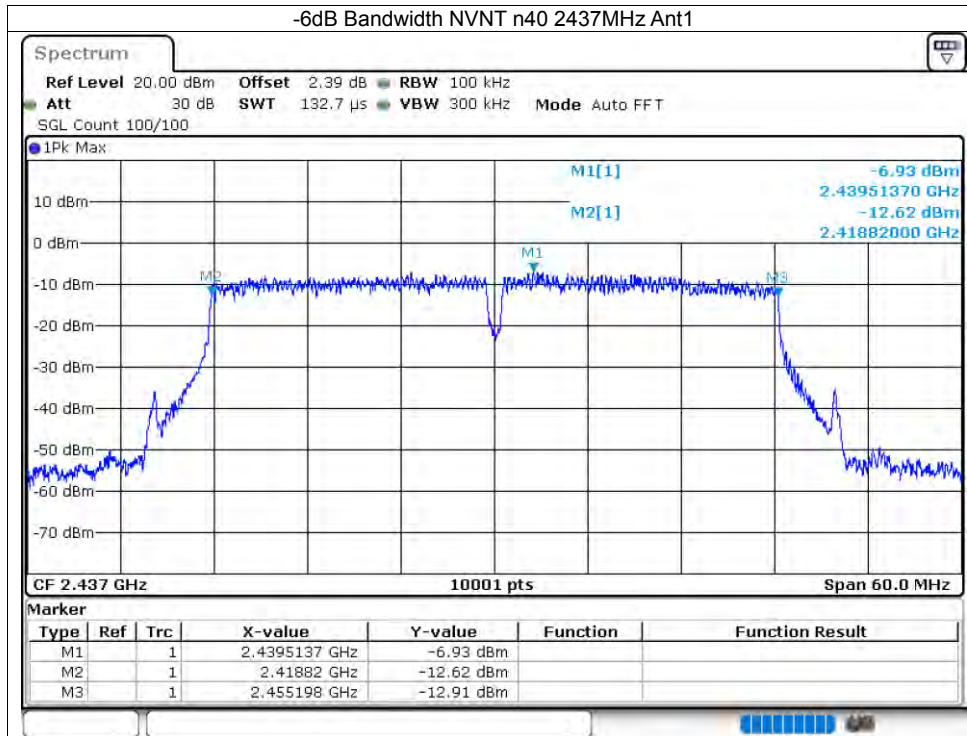
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	n20	2412	Ant1	17.73	0.5	Pass
NVNT	n20	2412	Ant2	17.67	0.5	Pass
NVNT	n20	2437	Ant1	17.643	0.5	Pass
NVNT	n20	2437	Ant2	17.664	0.5	Pass
NVNT	n20	2462	Ant1	17.637	0.5	Pass
NVNT	n20	2462	Ant2	17.703	0.5	Pass
NVNT	n40	2422	Ant1	36.402	0.5	Pass
NVNT	n40	2422	Ant2	36.42	0.5	Pass
NVNT	n40	2437	Ant1	36.378	0.5	Pass
NVNT	n40	2437	Ant2	36.384	0.5	Pass
NVNT	n40	2452	Ant1	36.402	0.5	Pass
NVNT	n40	2452	Ant2	36.39	0.5	Pass

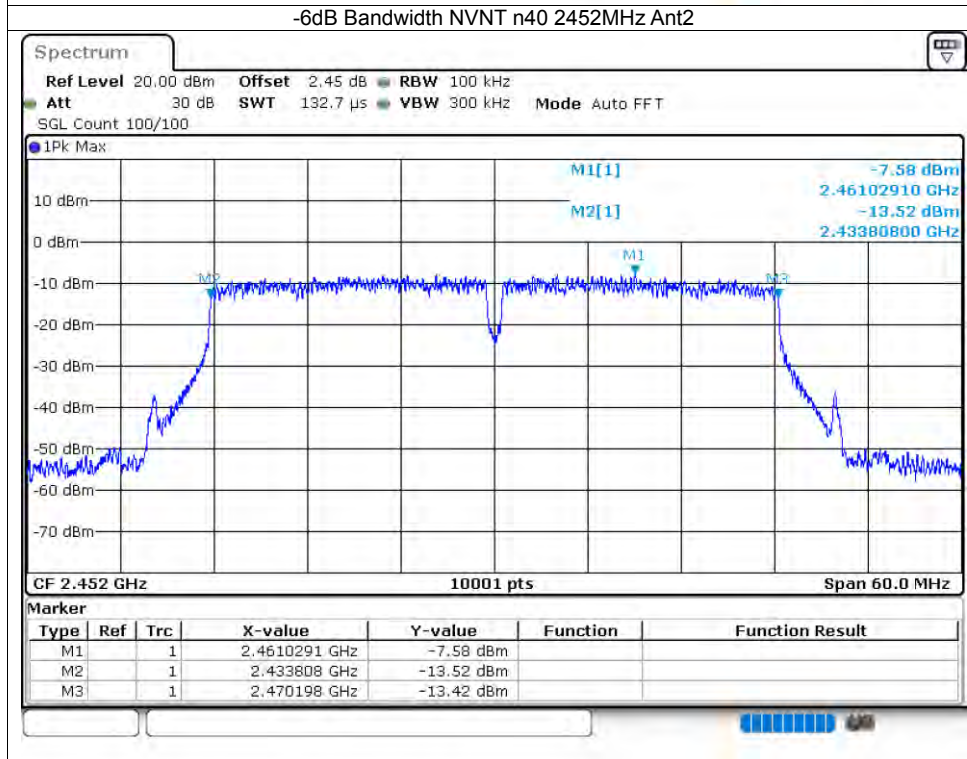
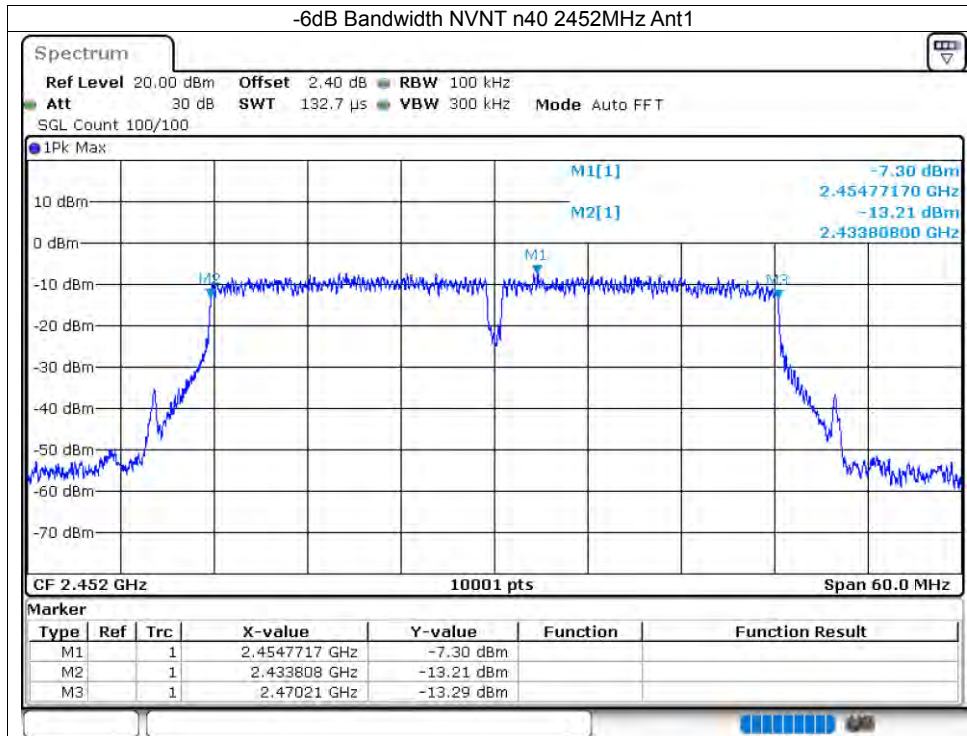






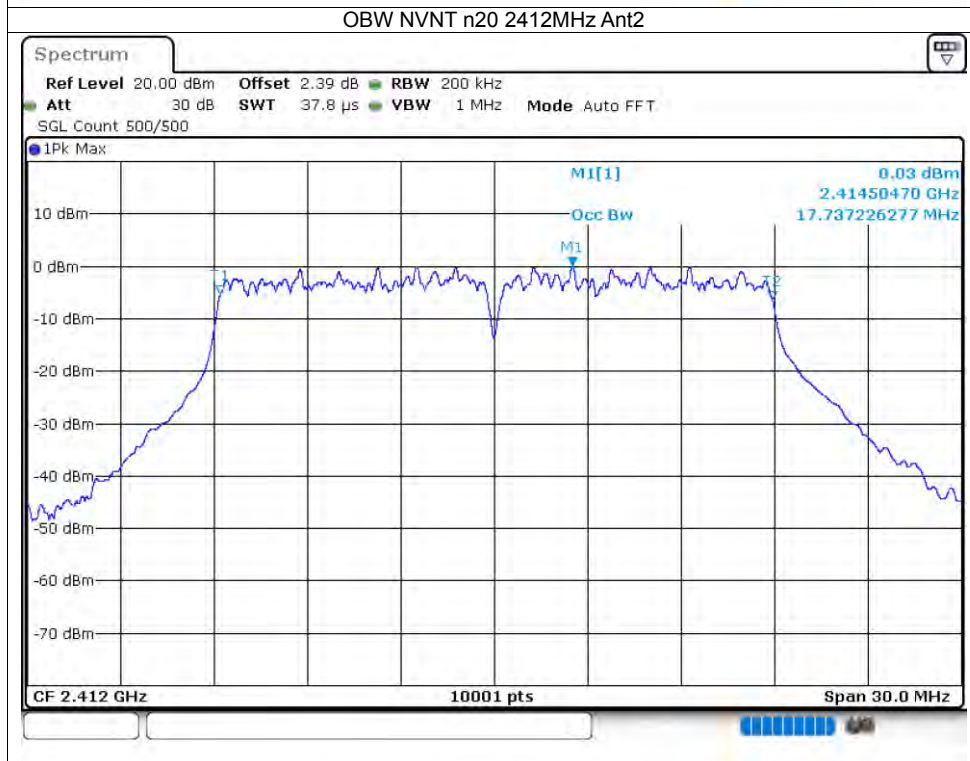
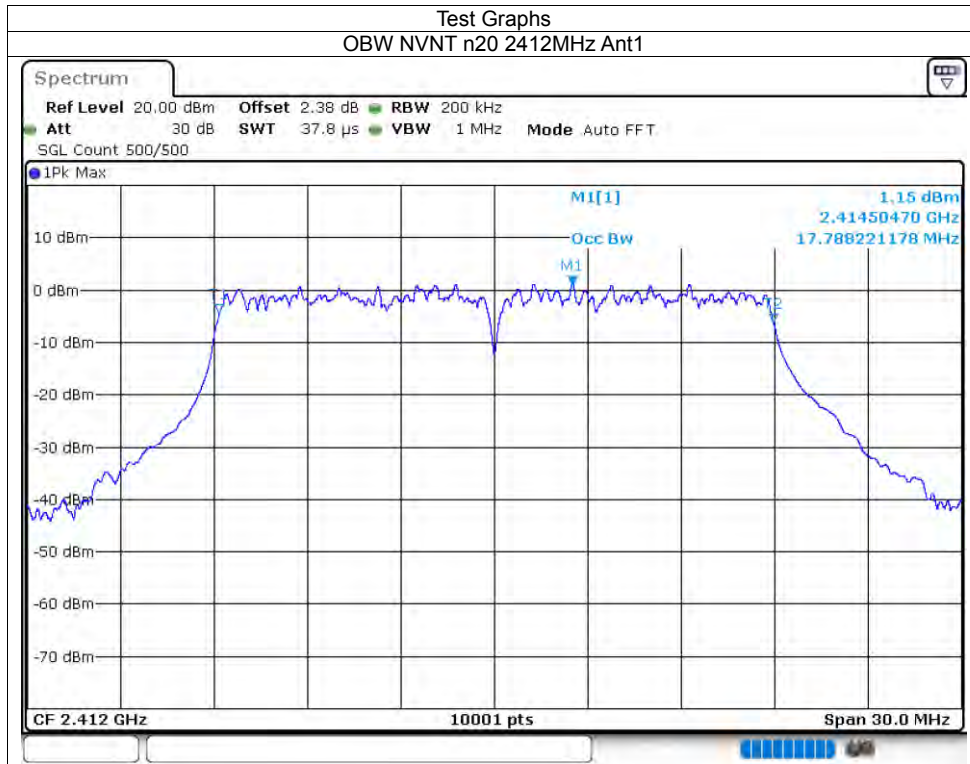


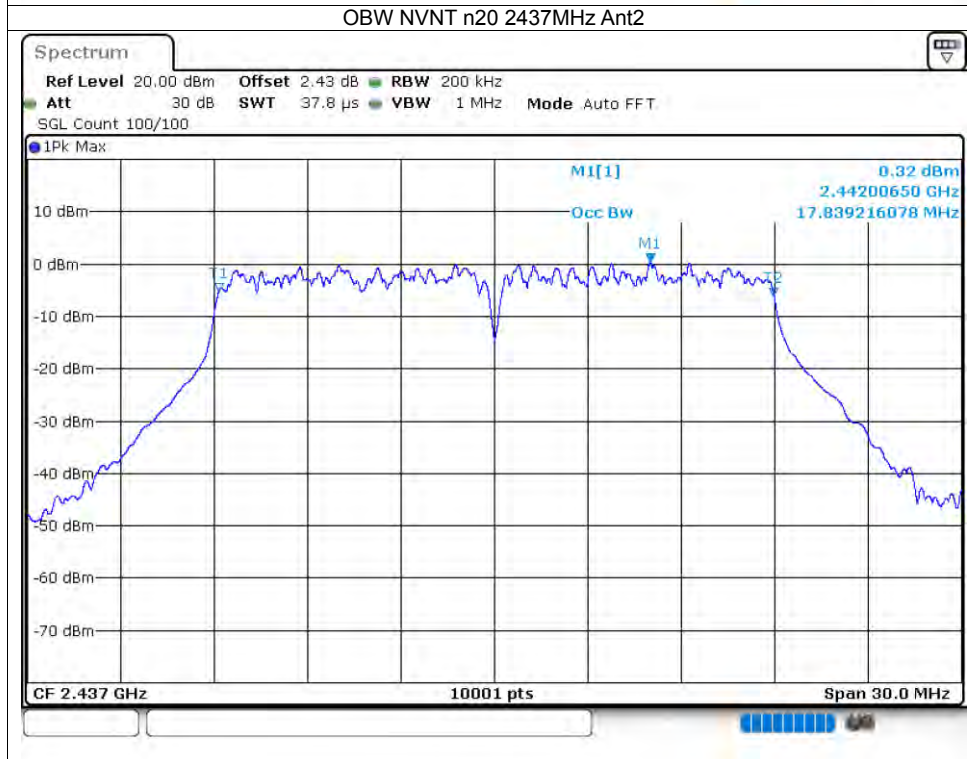
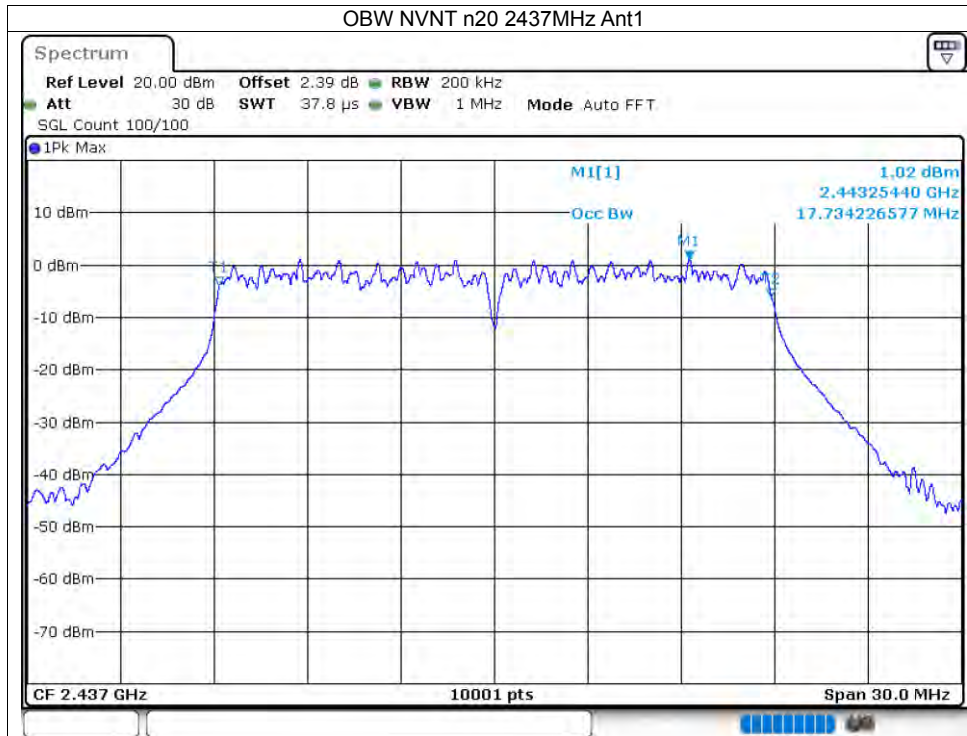


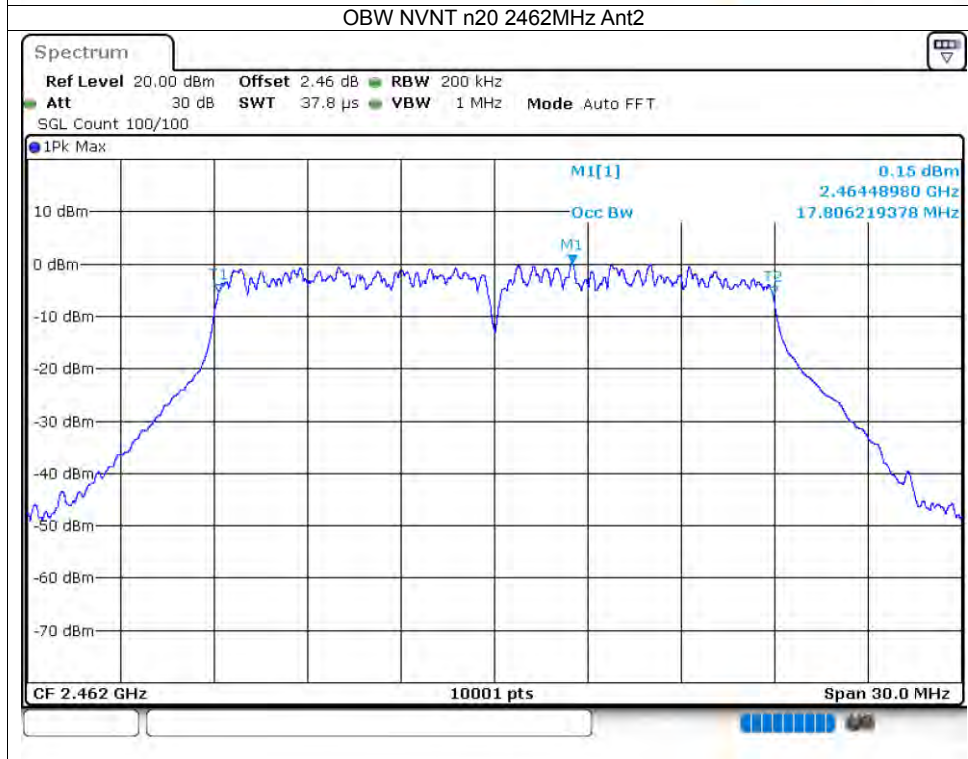
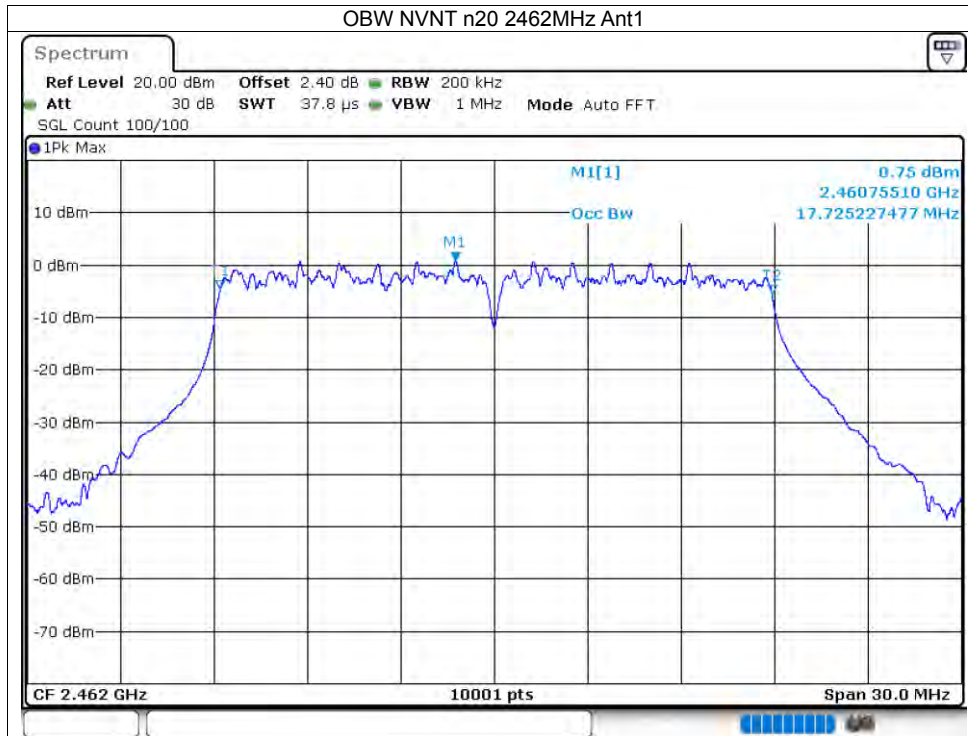


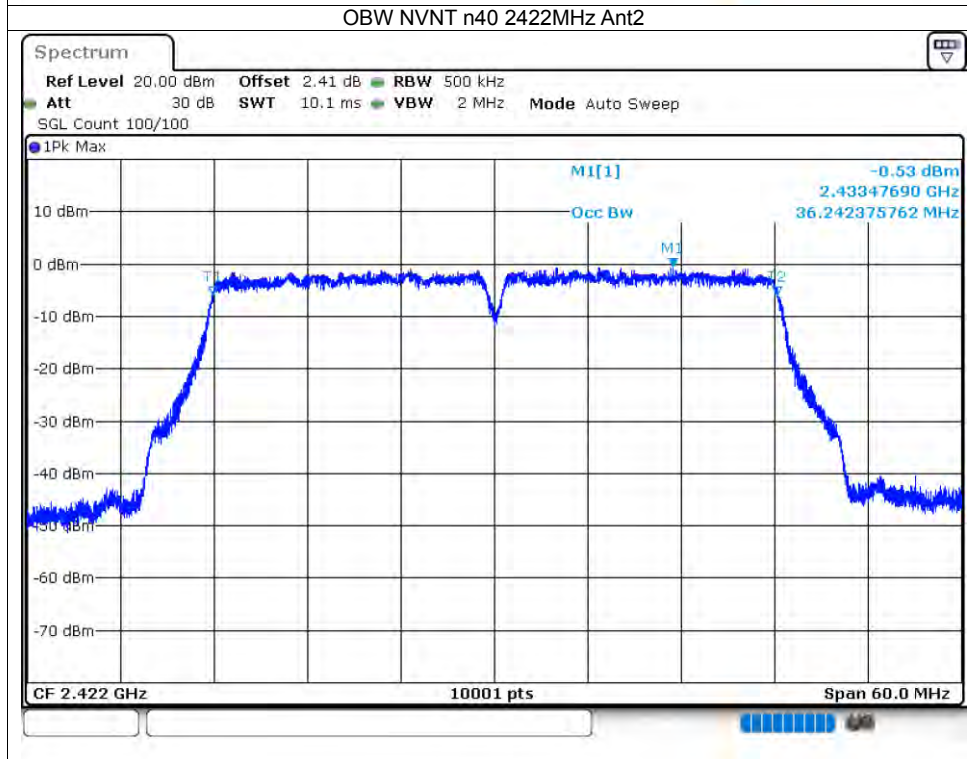
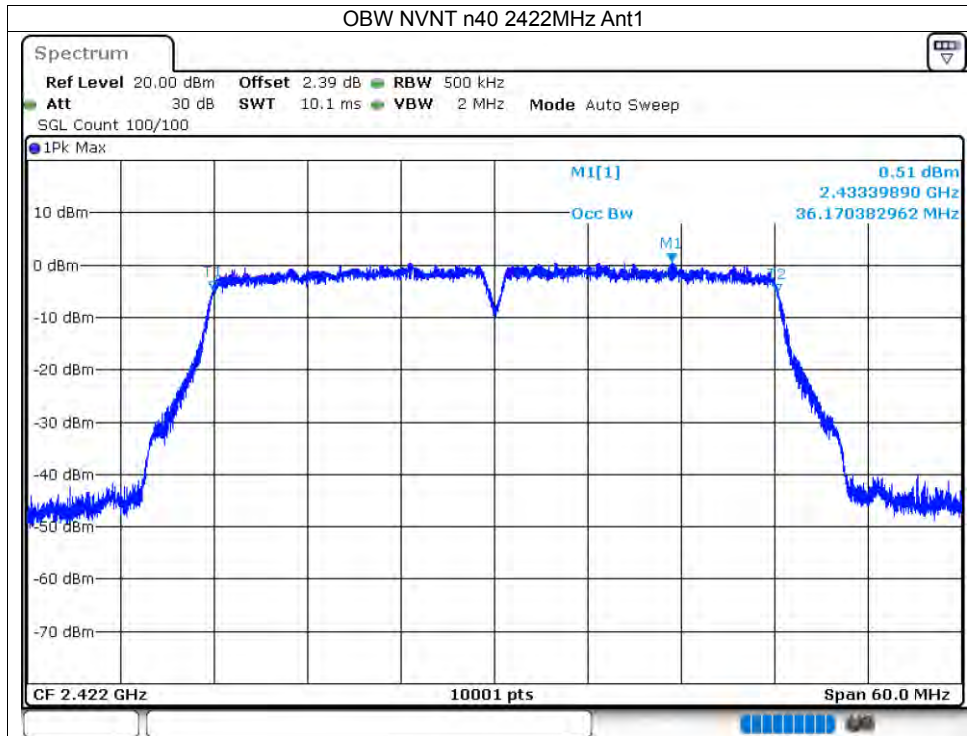
8.2.3 Occupied Channel Bandwidth

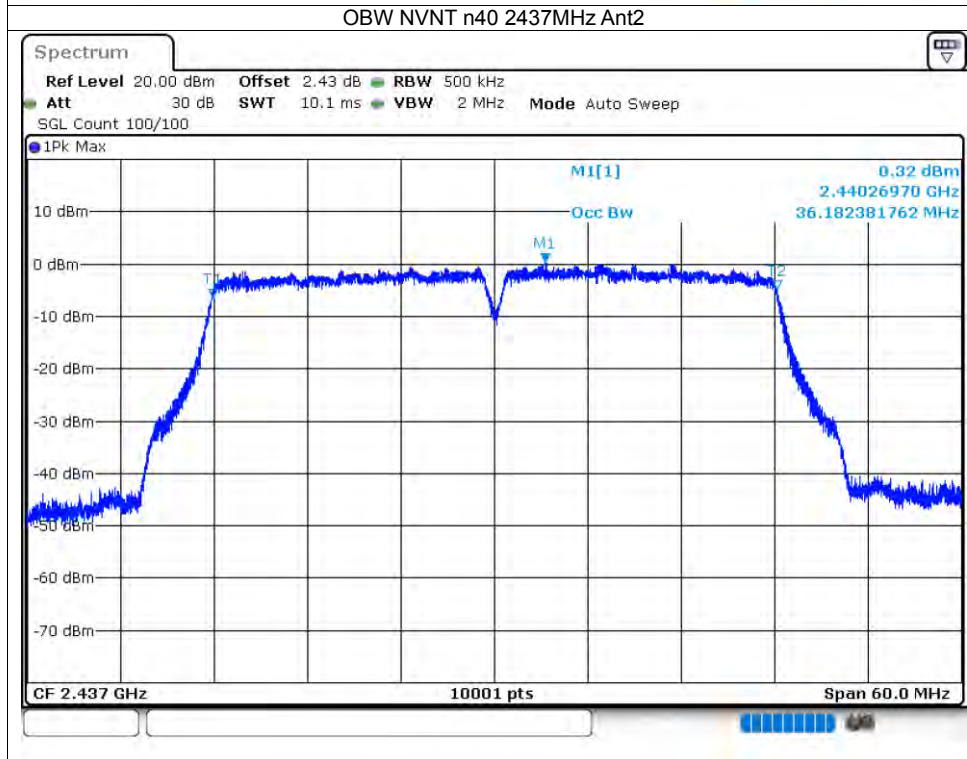
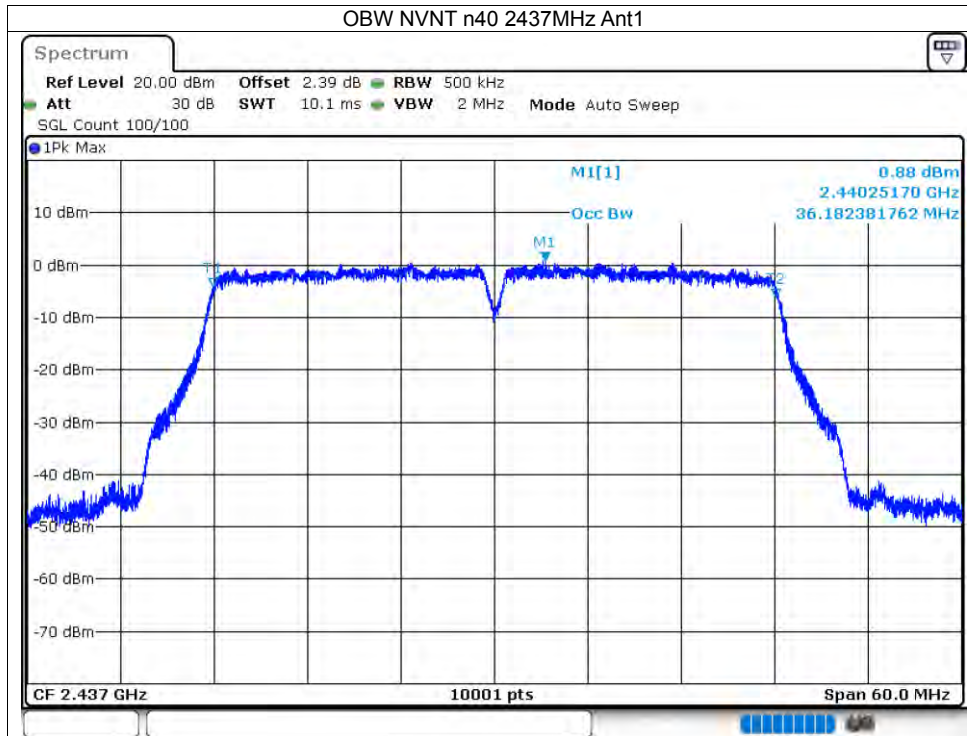
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	n20	2412	Ant1	17.788
NVNT	n20	2412	Ant2	17.737
NVNT	n20	2437	Ant1	17.734
NVNT	n20	2437	Ant2	17.839
NVNT	n20	2462	Ant1	17.725
NVNT	n20	2462	Ant2	17.806
NVNT	n40	2422	Ant1	36.17
NVNT	n40	2422	Ant2	36.242
NVNT	n40	2437	Ant1	36.182
NVNT	n40	2437	Ant2	36.182
NVNT	n40	2452	Ant1	36.164
NVNT	n40	2452	Ant2	36.164

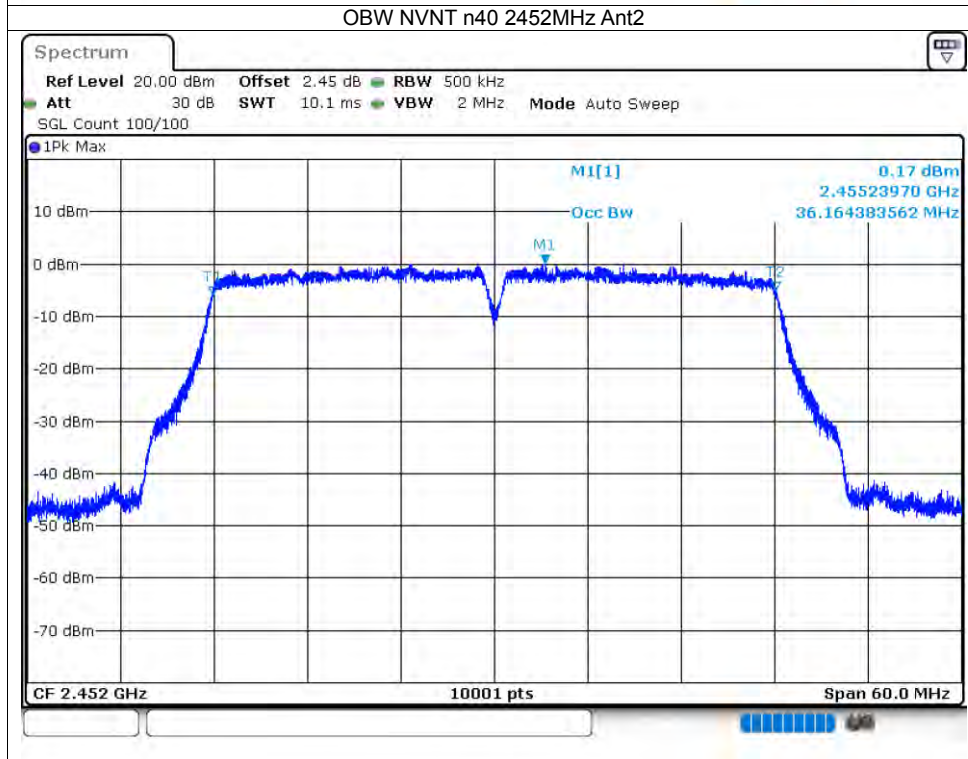
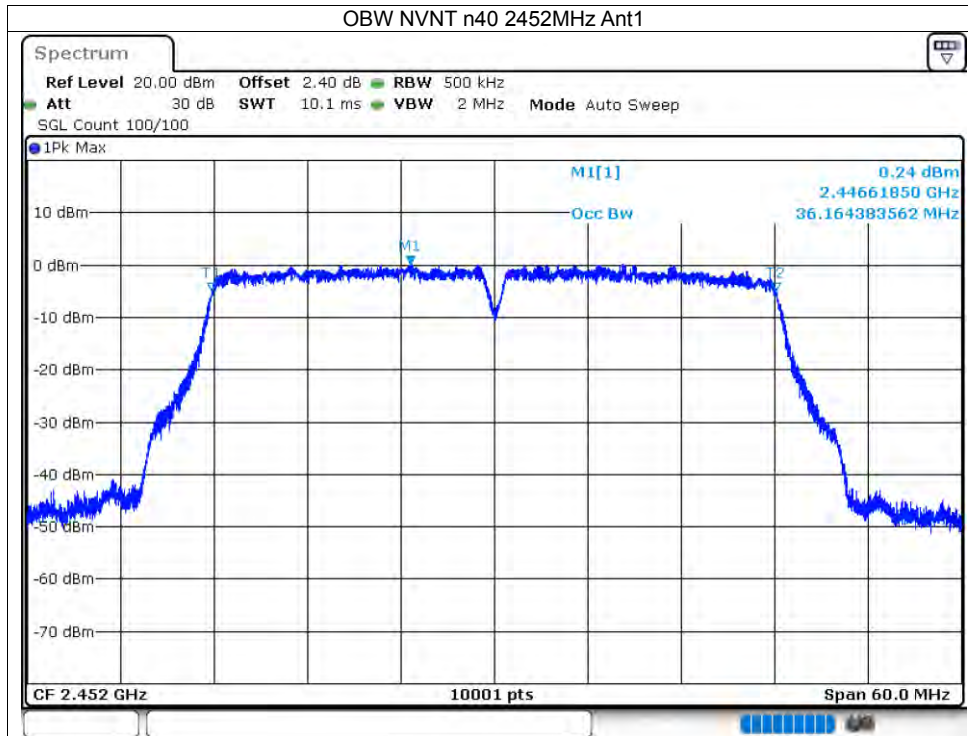






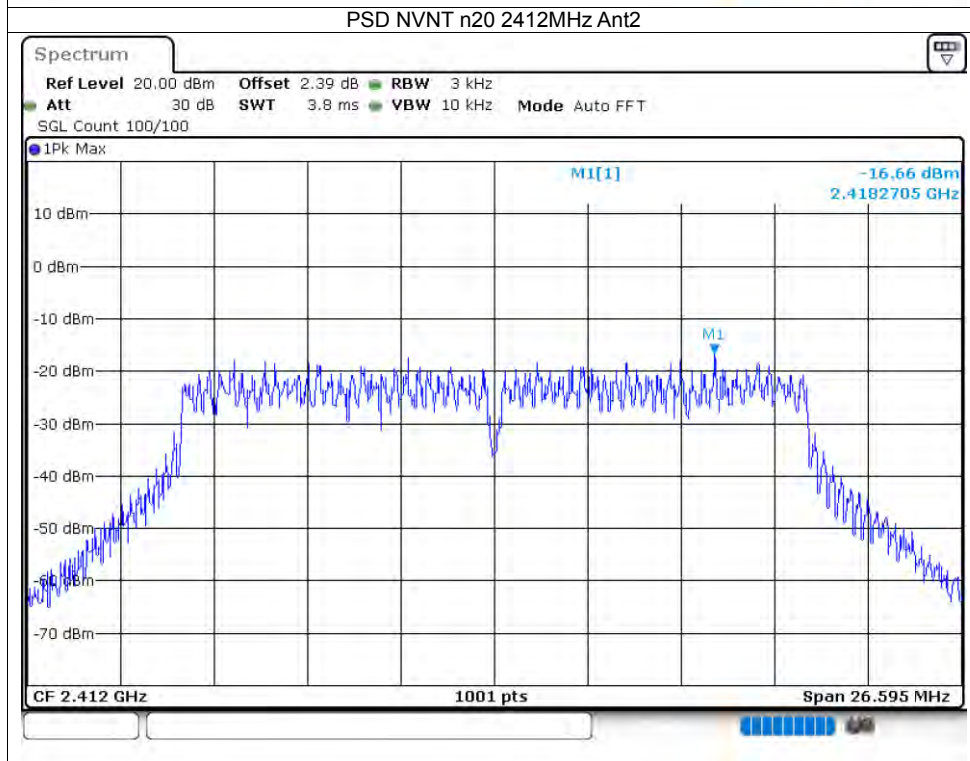
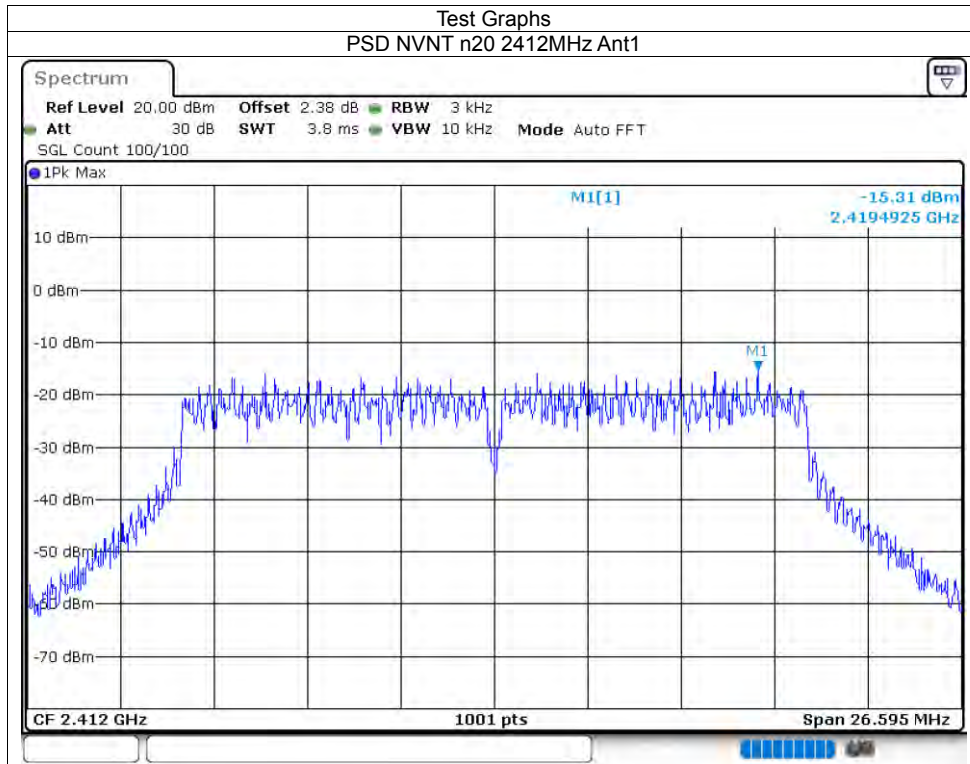


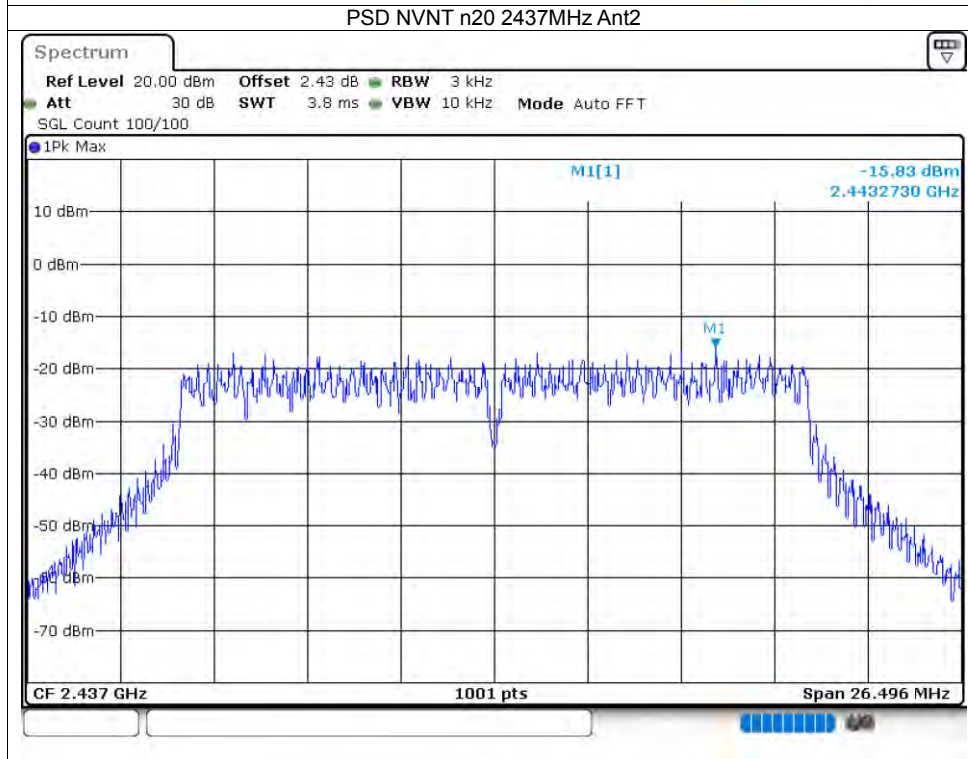
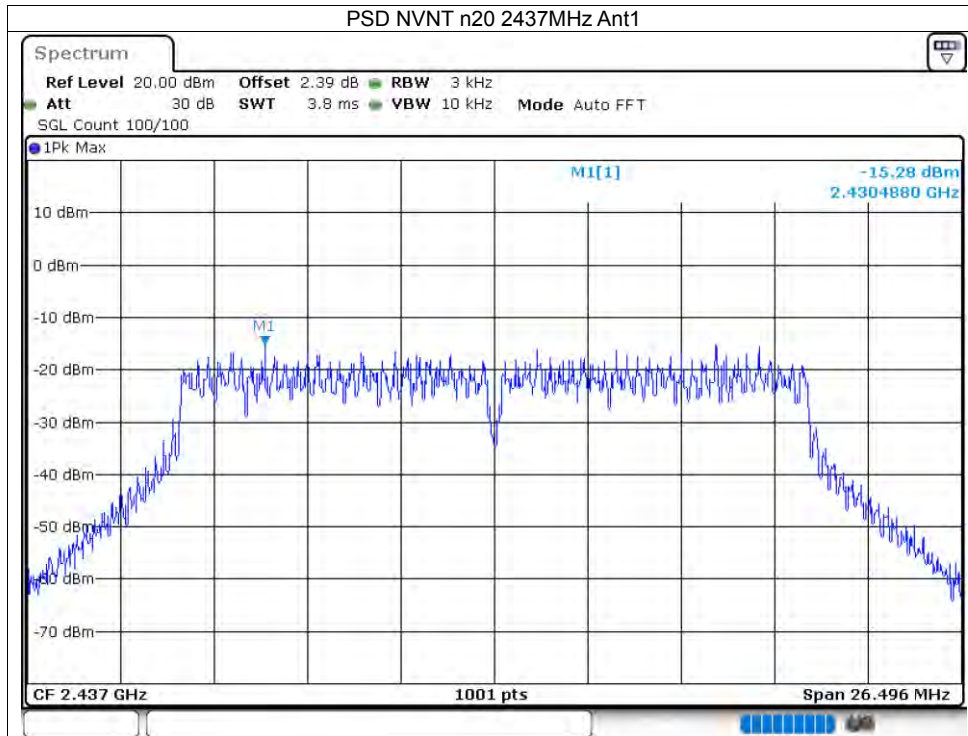


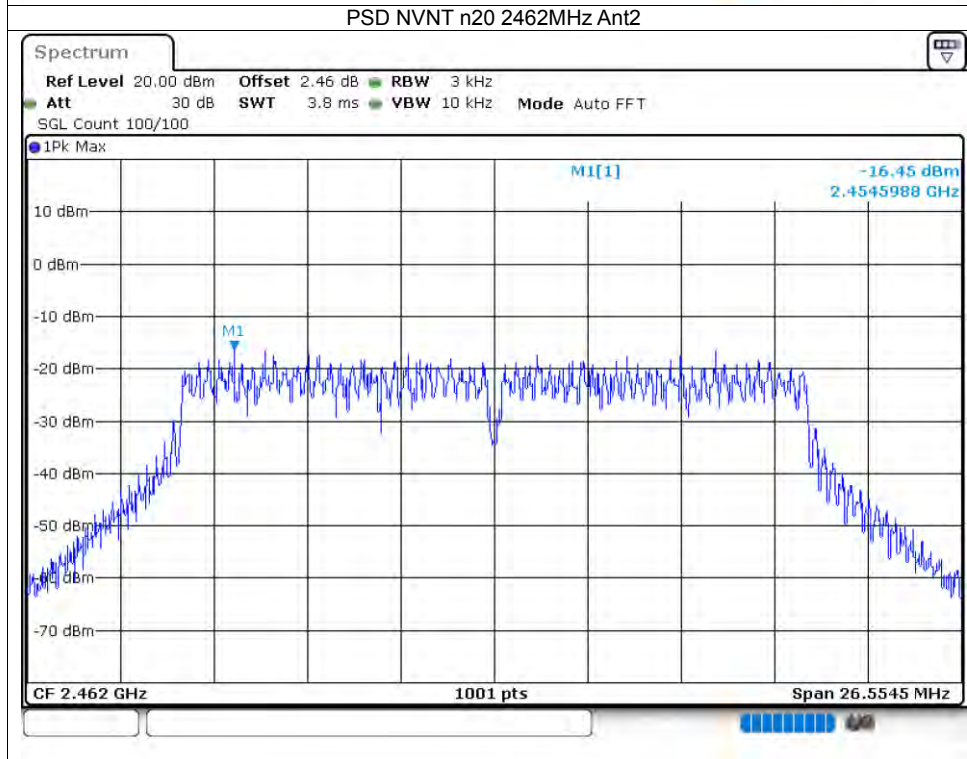
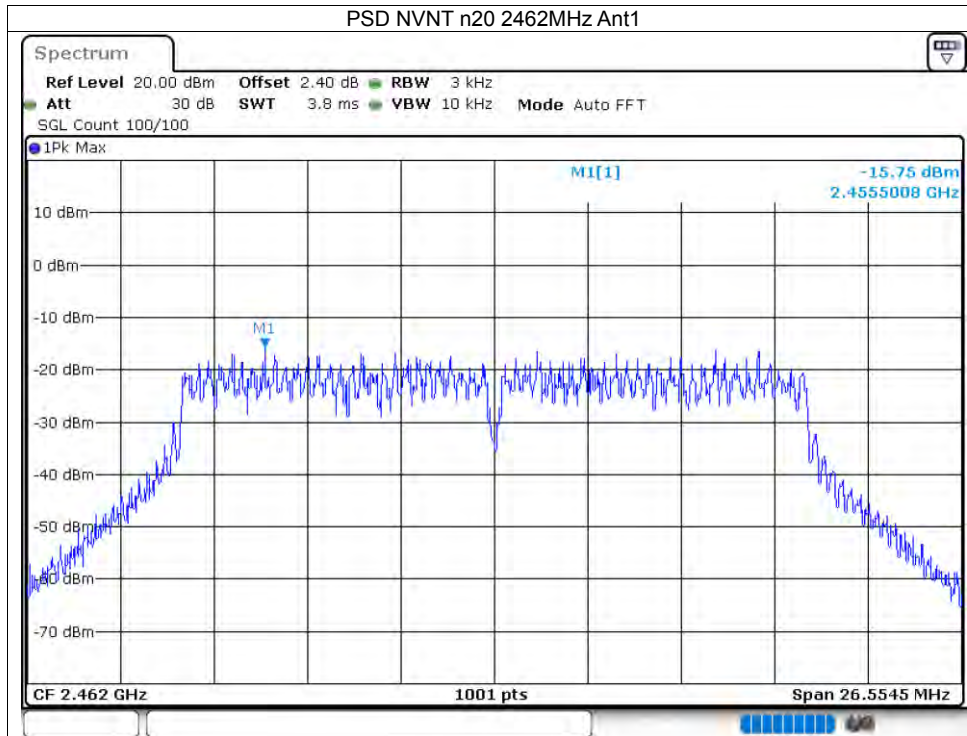


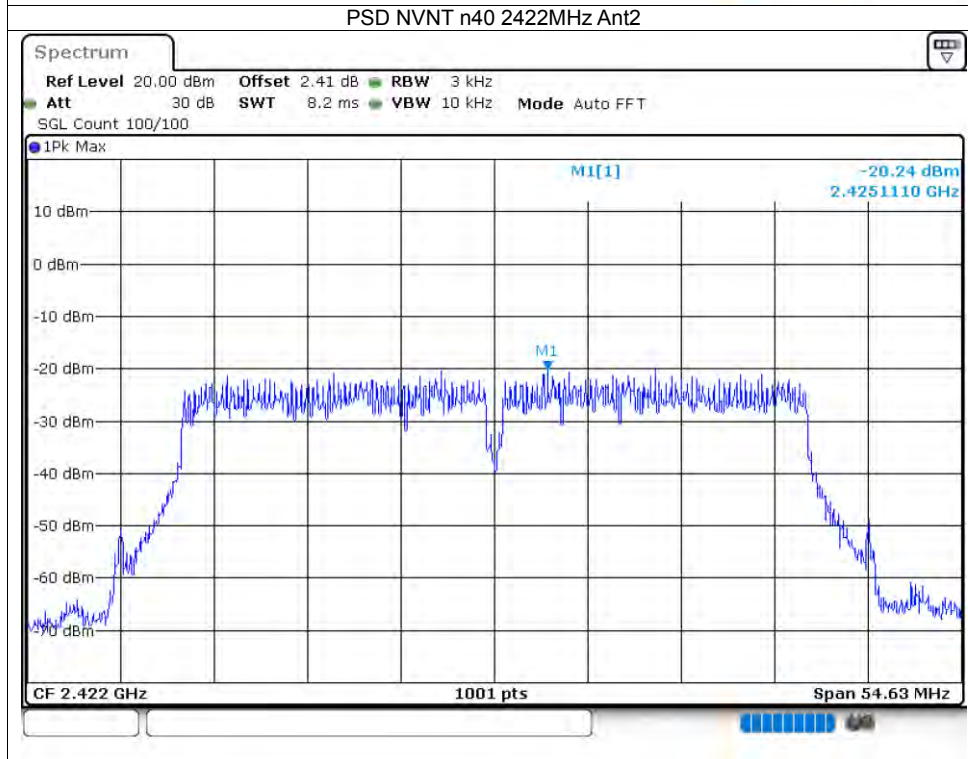
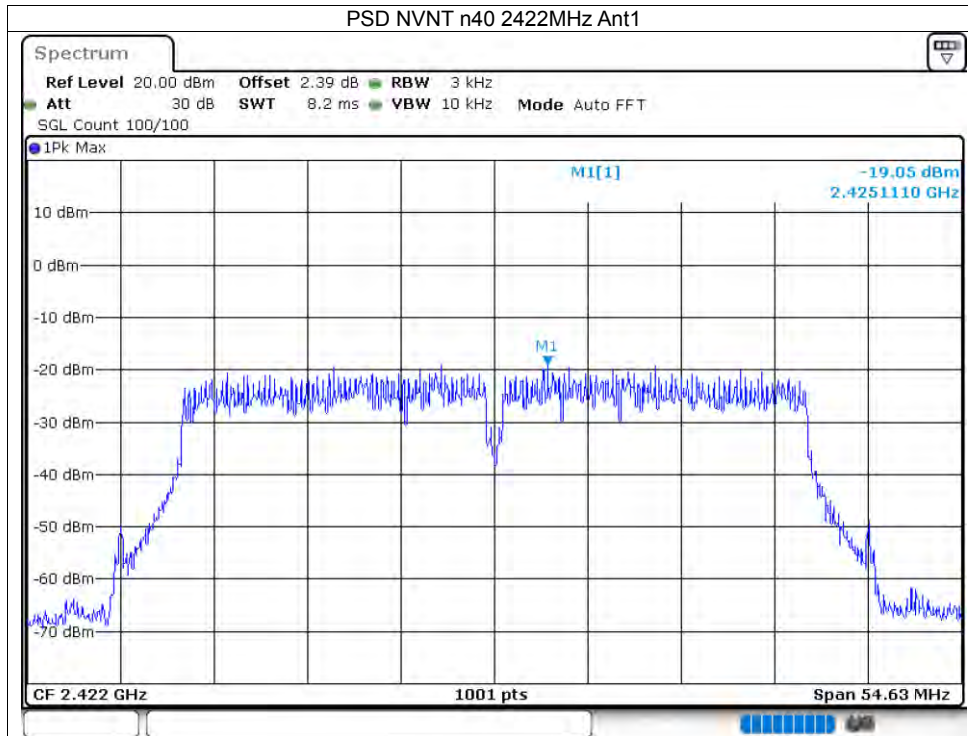
8.2.4 **Maximum Power Spectral Density Level**

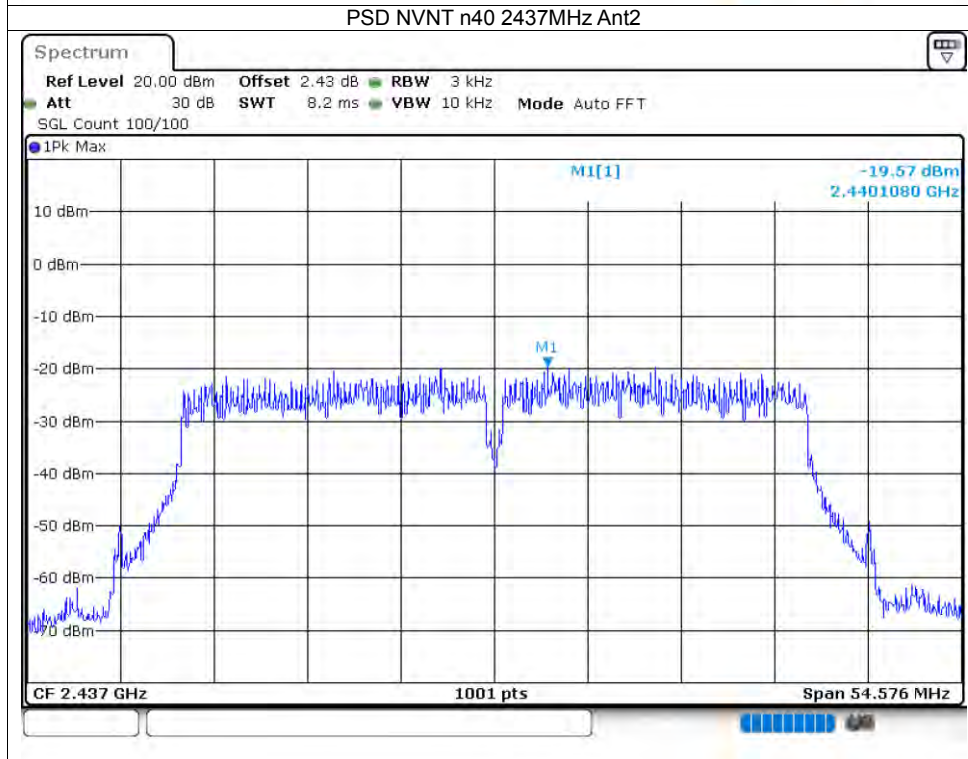
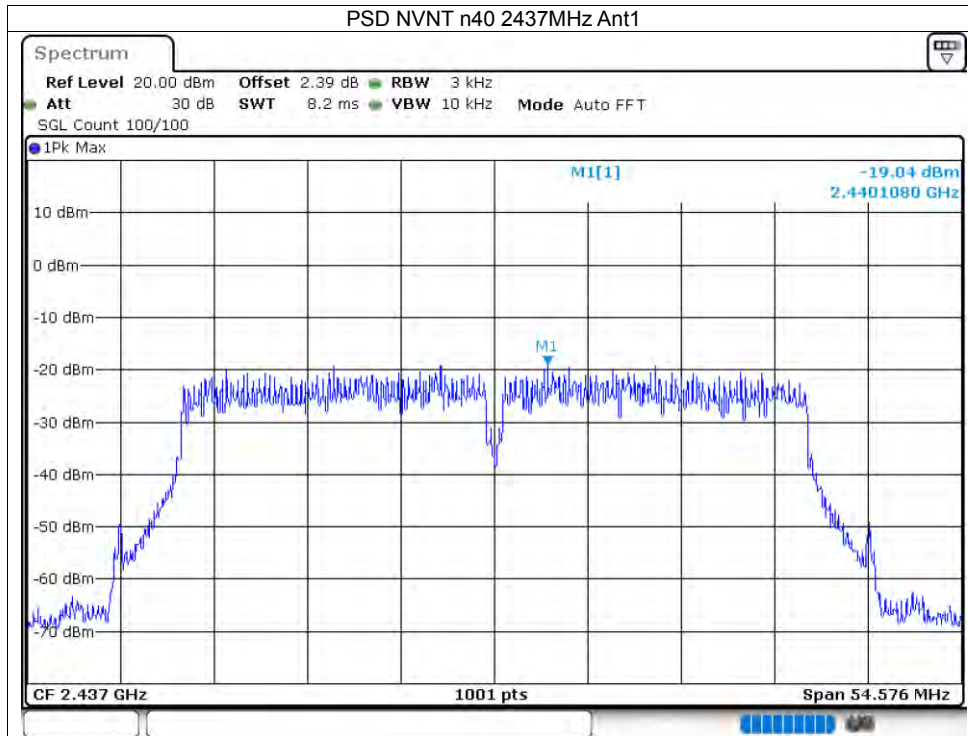
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	n20	2412	Ant1	-15.31	-	Pass
NVNT	n20	2412	Ant2	-16.66	-	Pass
NVNT	n20	2412	Sum	-12.92	8	Pass
NVNT	n20	2437	Ant1	-15.28	-	Pass
NVNT	n20	2437	Ant2	-15.83	-	Pass
NVNT	n20	2437	Sum	-12.54	8	Pass
NVNT	n20	2462	Ant1	-15.75	-	Pass
NVNT	n20	2462	Ant2	-16.45	-	Pass
NVNT	n20	2462	Sum	-13.08	8	Pass
NVNT	n40	2422	Ant1	-19.05	-	Pass
NVNT	n40	2422	Ant2	-20.24	-	Pass
NVNT	n40	2422	Sum	-16.59	8	Pass
NVNT	n40	2437	Ant1	-19.04	-	Pass
NVNT	n40	2437	Ant2	-19.57	-	Pass
NVNT	n40	2437	Sum	-16.29	8	Pass
NVNT	n40	2452	Ant1	-19.34	-	Pass
NVNT	n40	2452	Ant2	-19.64	-	Pass
NVNT	n40	2452	Sum	-16.48	8	Pass

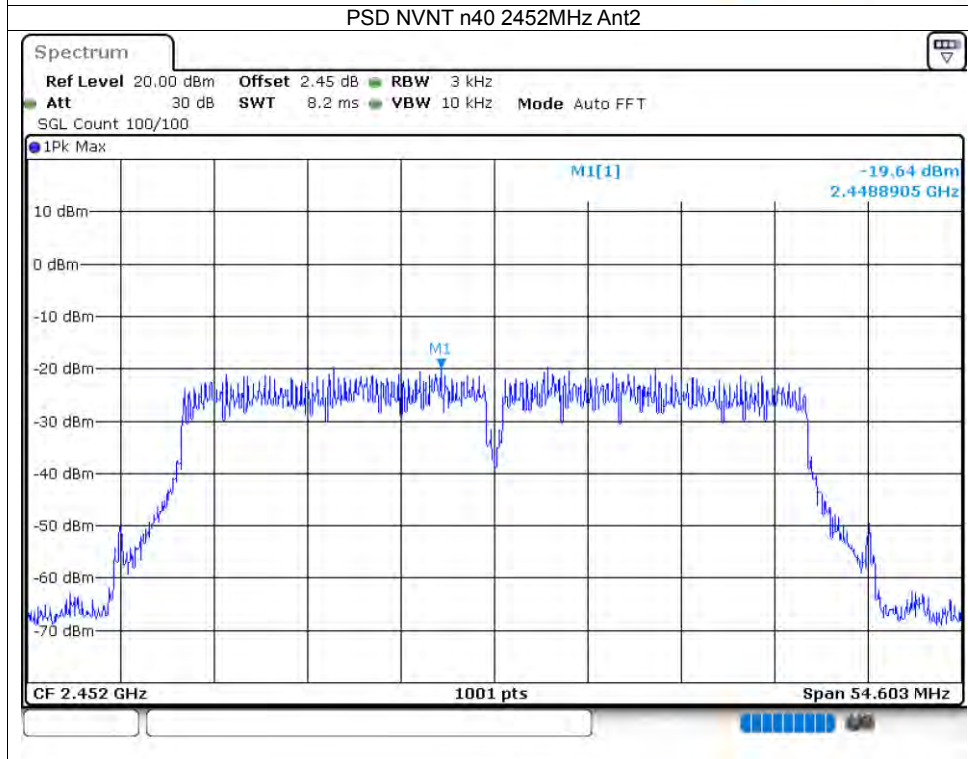
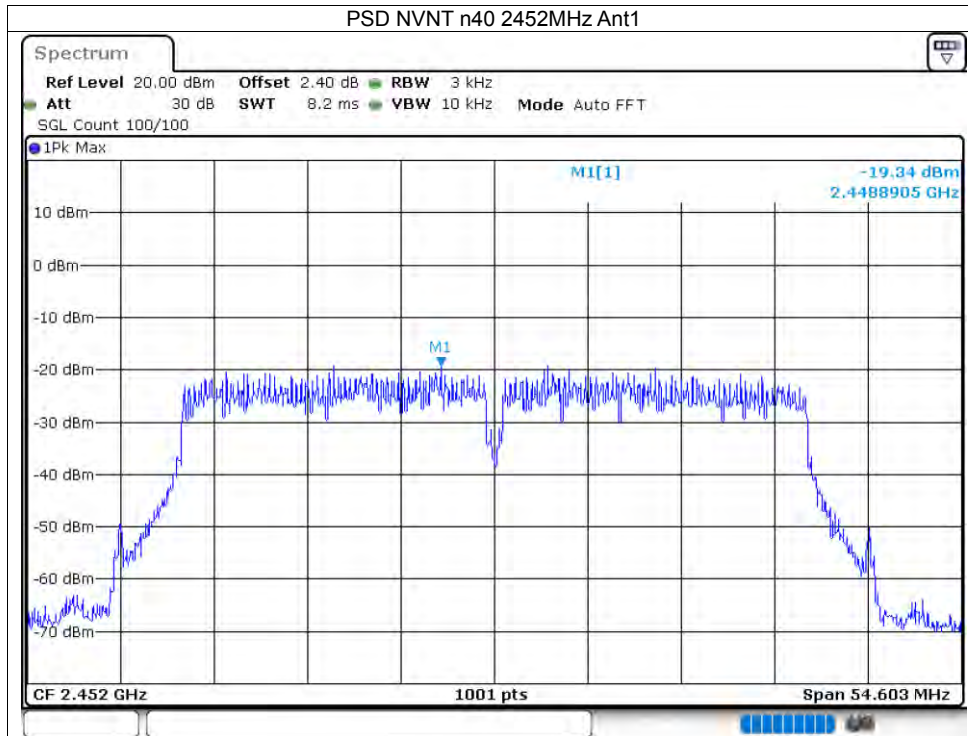






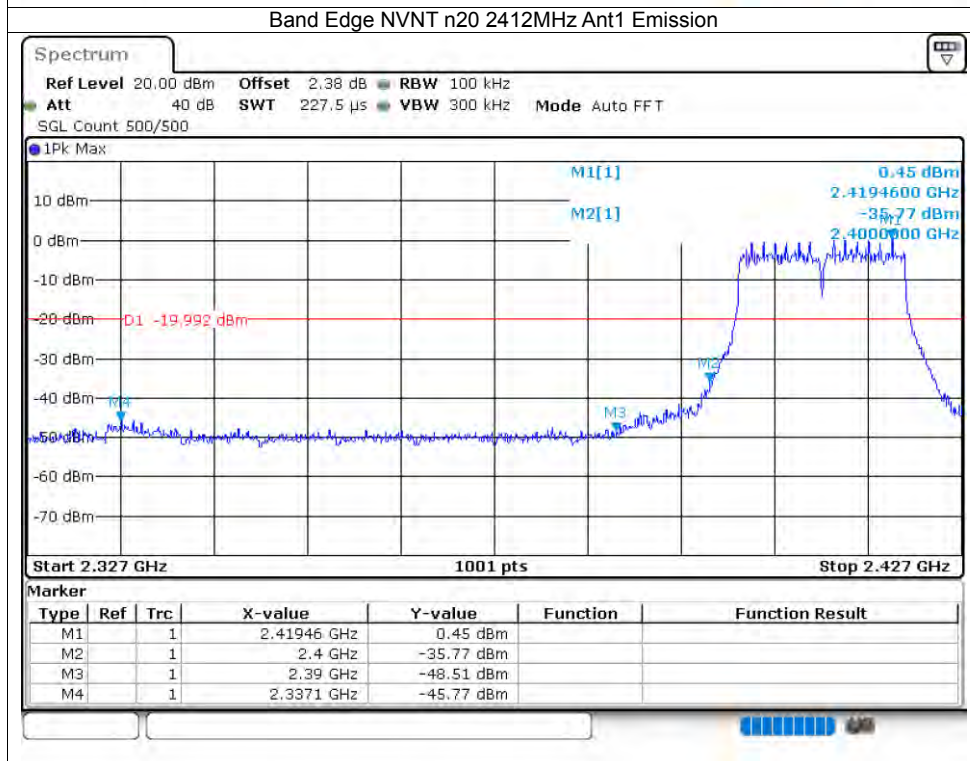
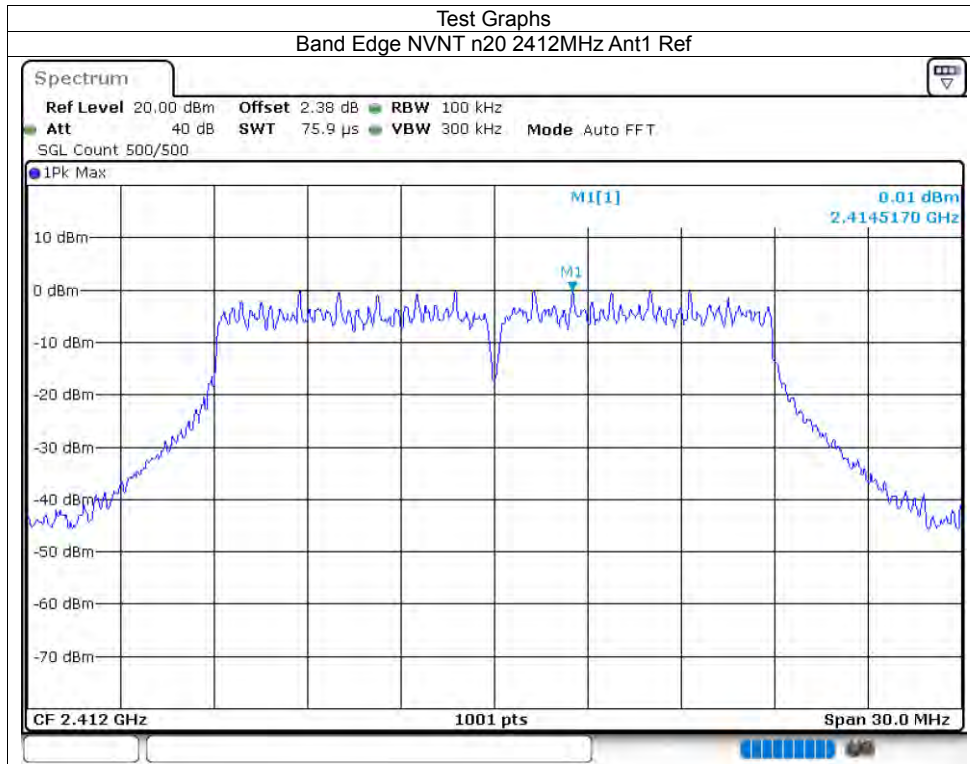


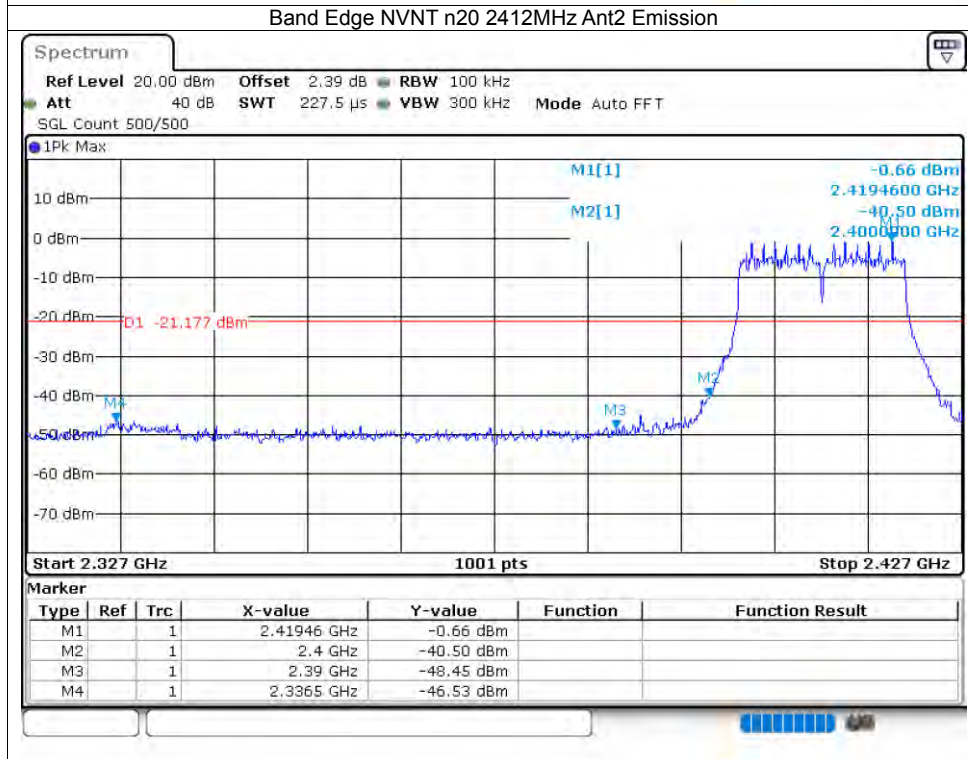
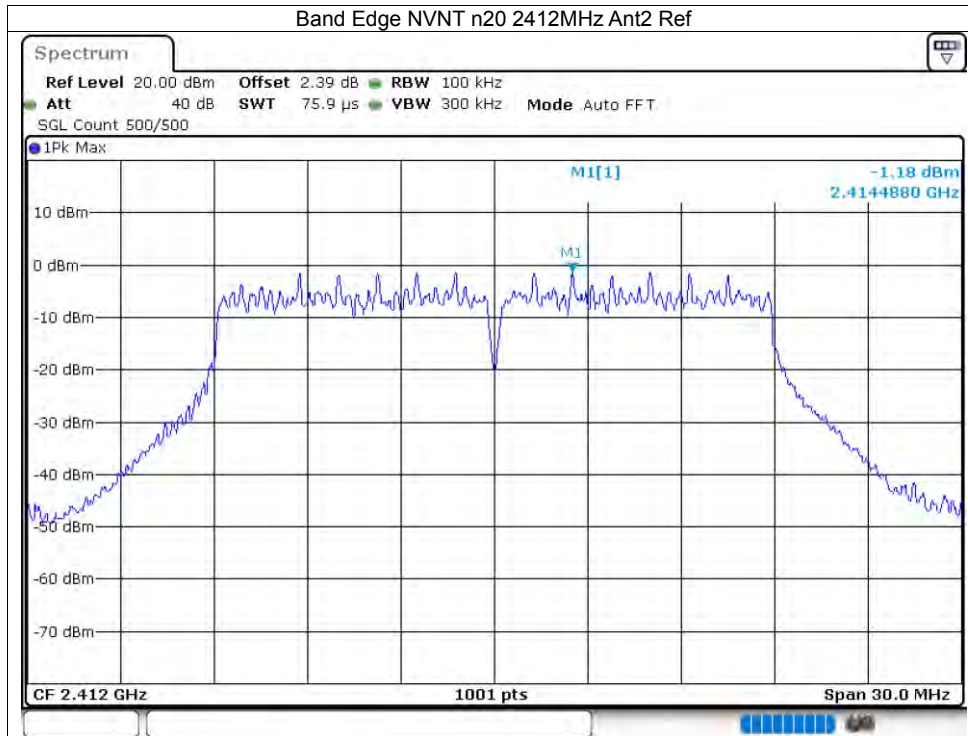


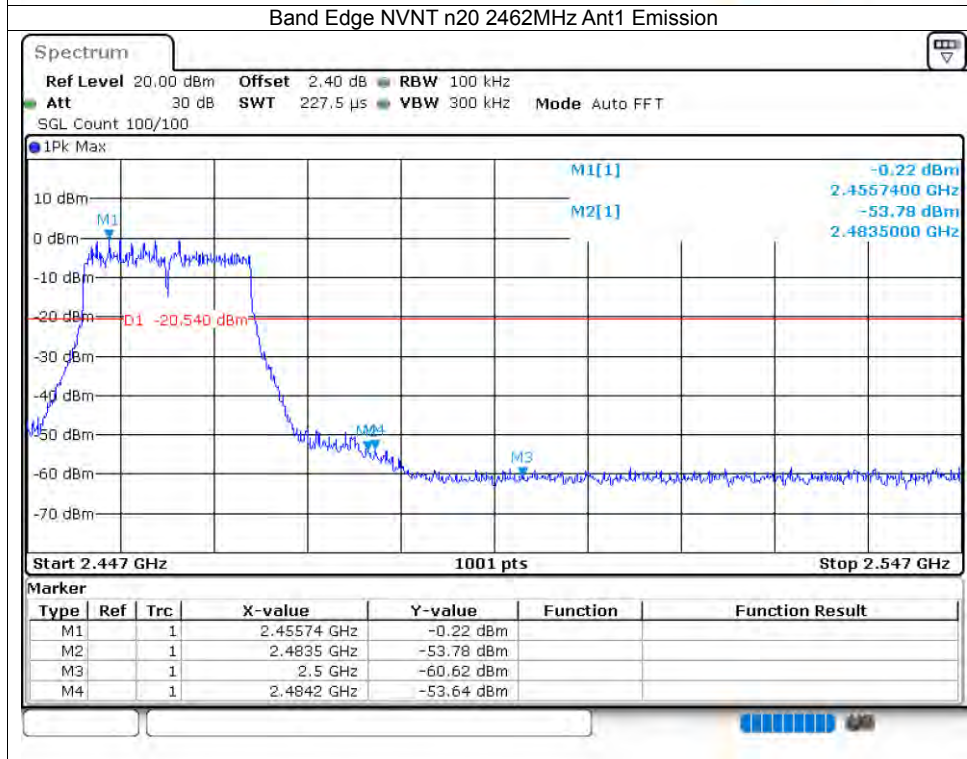
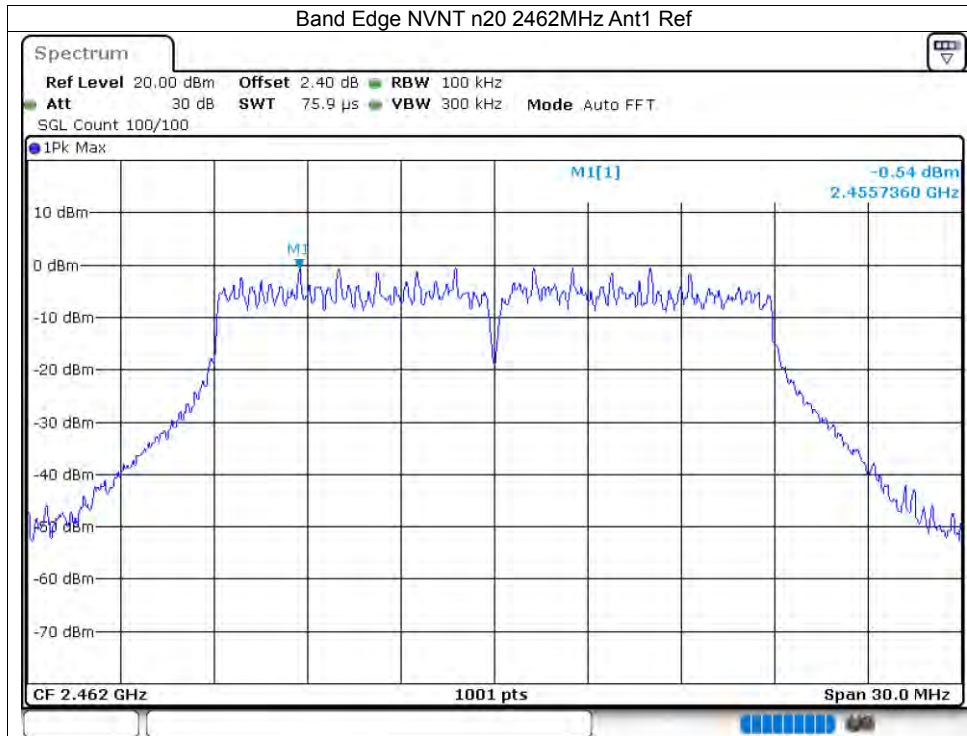


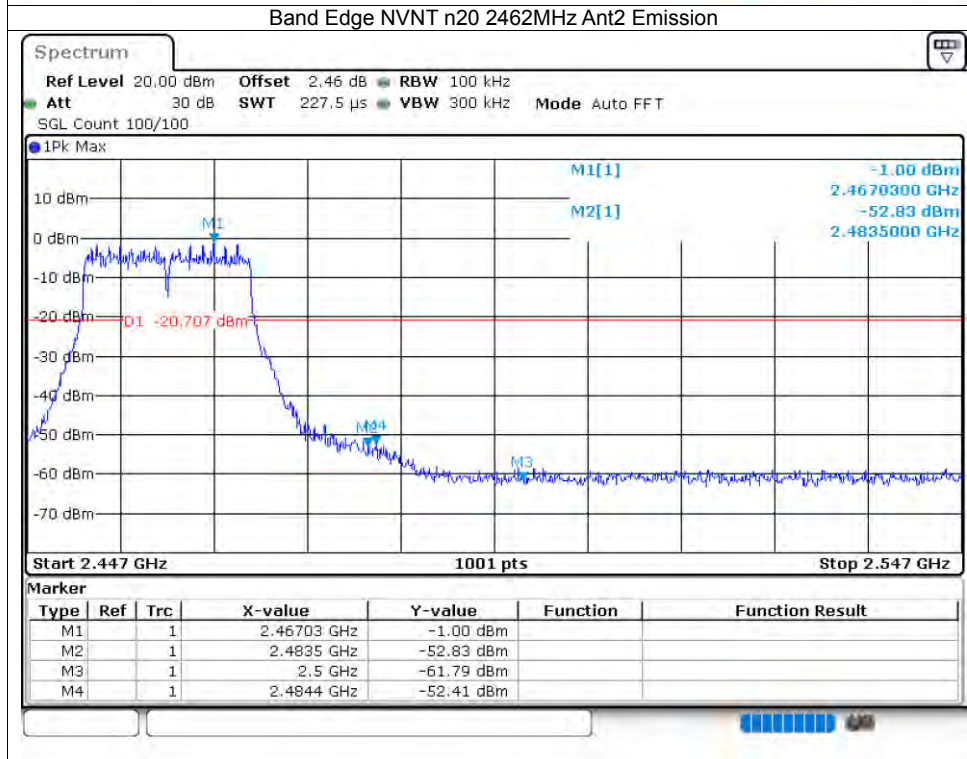
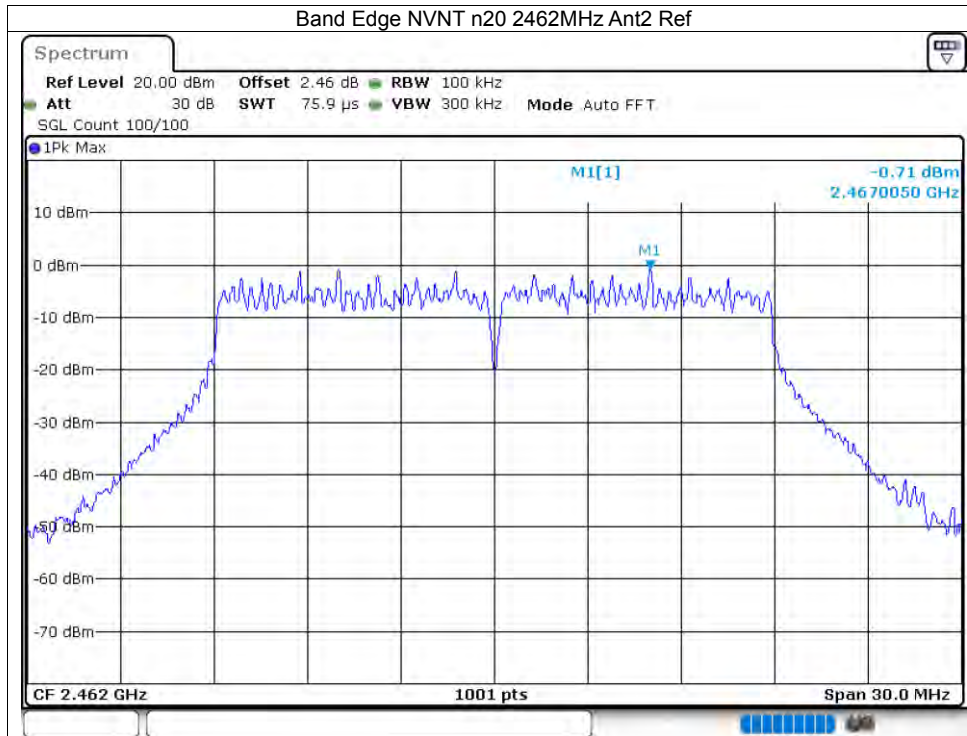
8.2.5 Band Edge

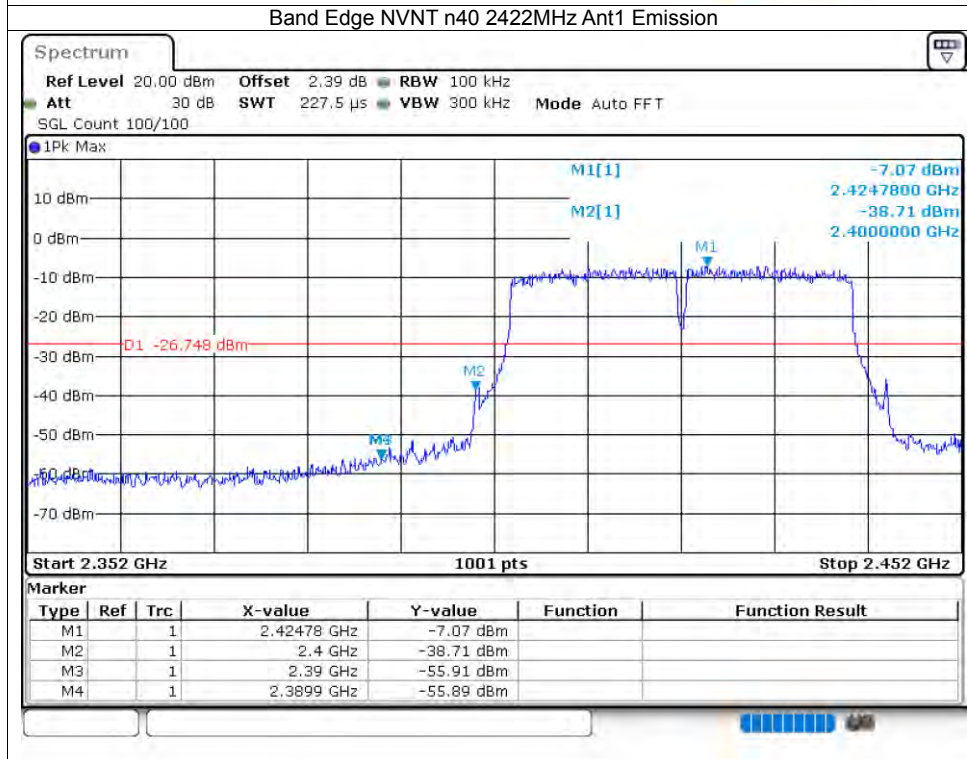
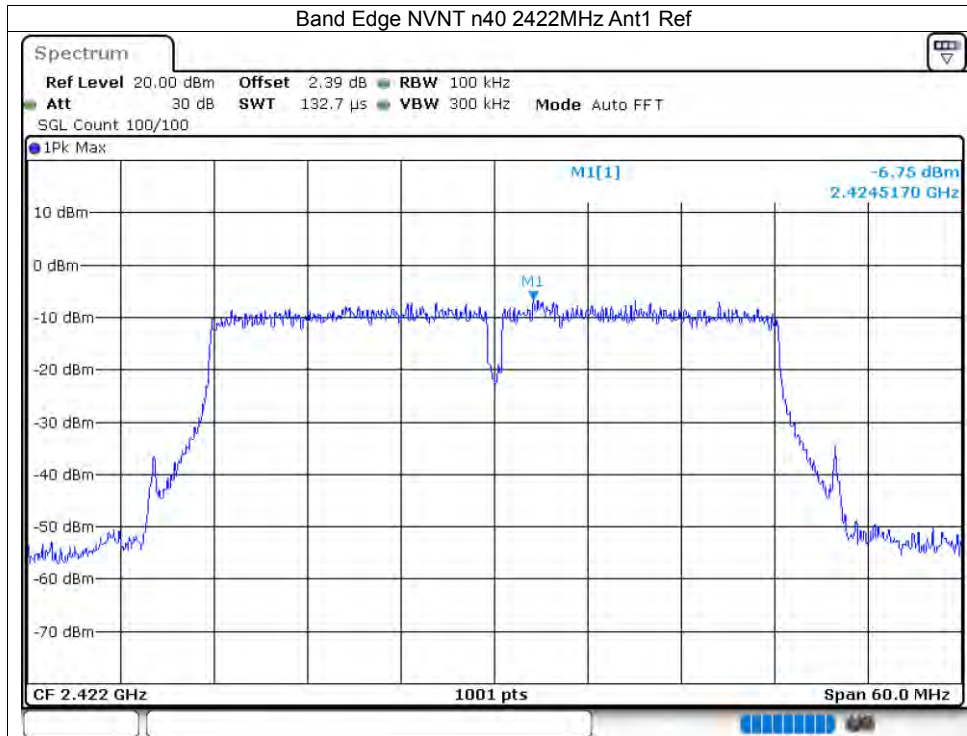
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	n20	2412	Ant1	-45.78	-20	Pass
NVNT	n20	2412	Ant2	-45.34	-20	Pass
NVNT	n20	2462	Ant1	-53.1	-20	Pass
NVNT	n20	2462	Ant2	-51.7	-20	Pass
NVNT	n40	2422	Ant1	-49.13	-20	Pass
NVNT	n40	2422	Ant2	-48.29	-20	Pass
NVNT	n40	2452	Ant1	-49.04	-20	Pass
NVNT	n40	2452	Ant2	-46.03	-20	Pass

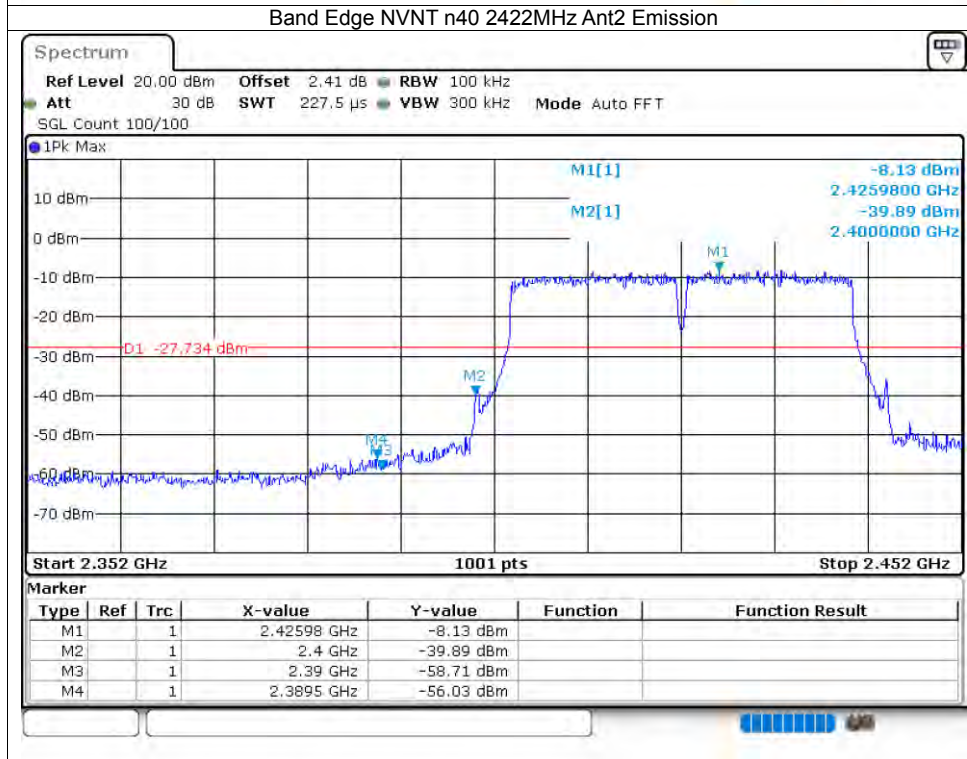
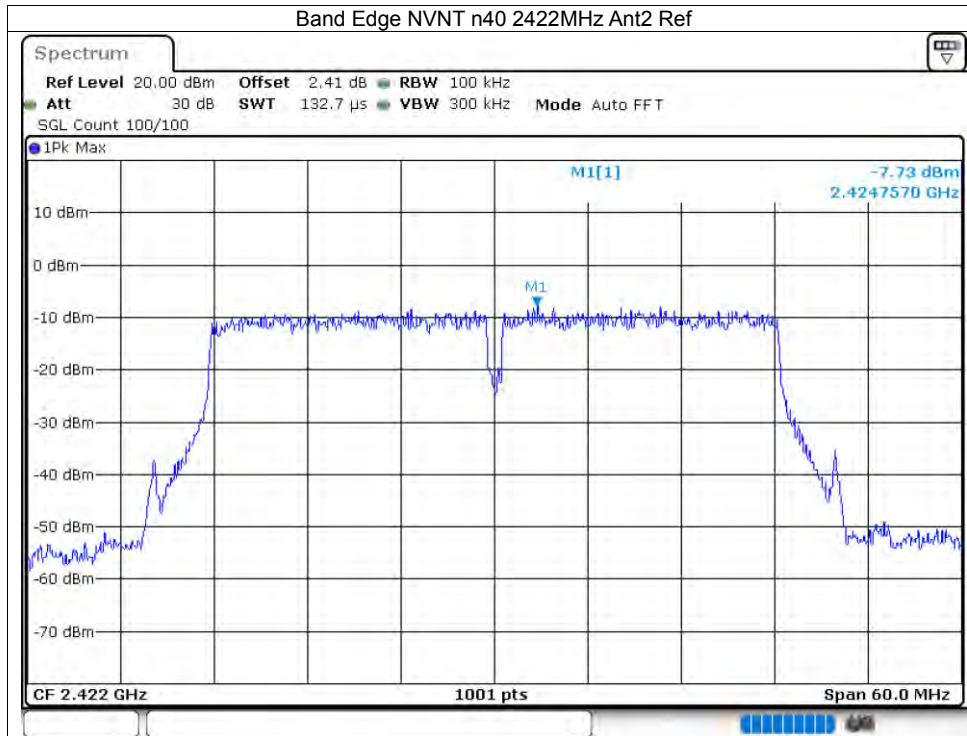


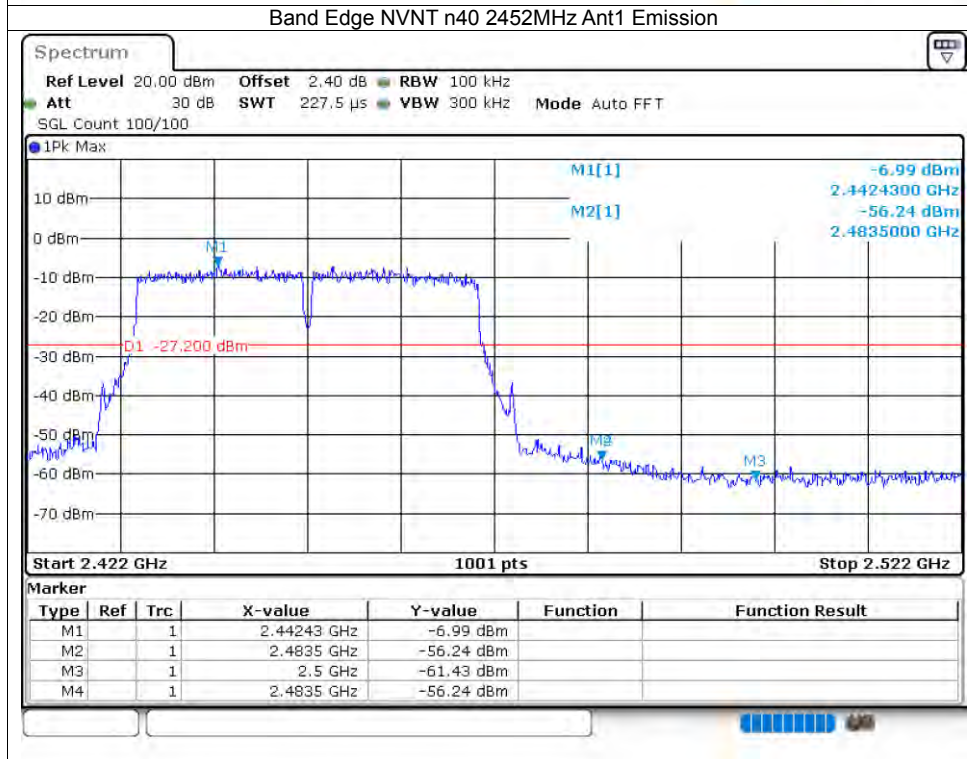
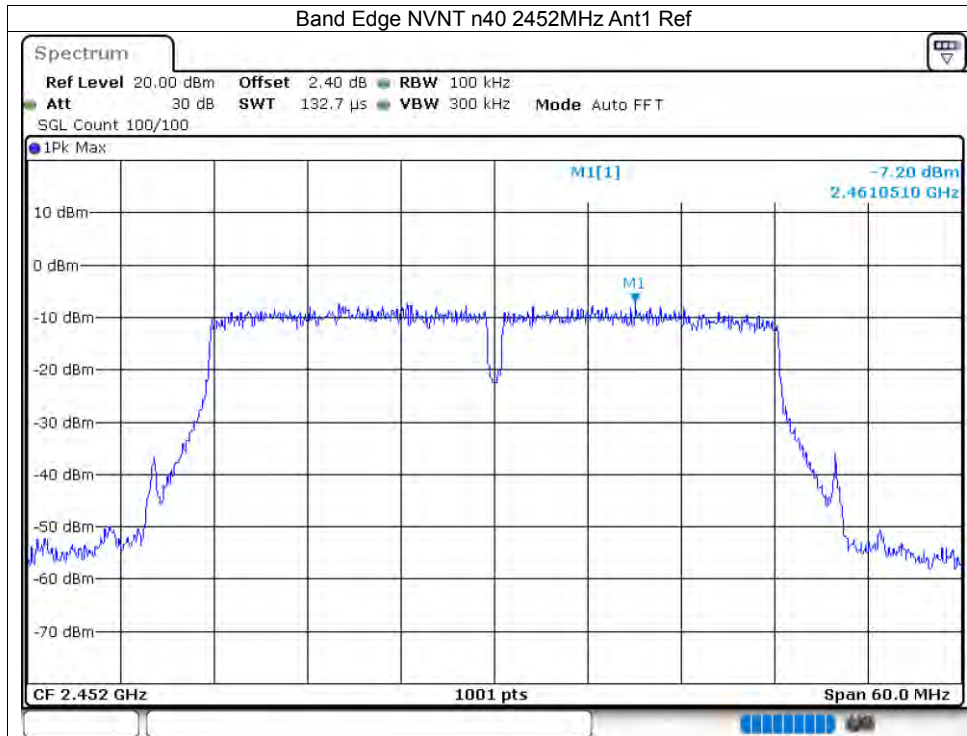


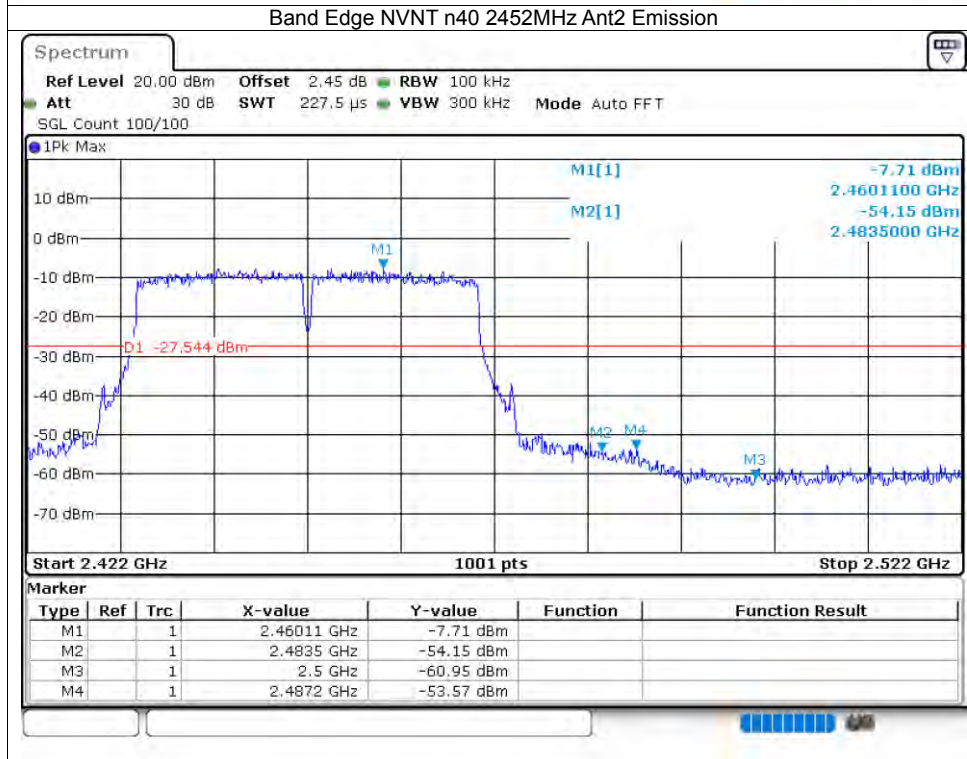
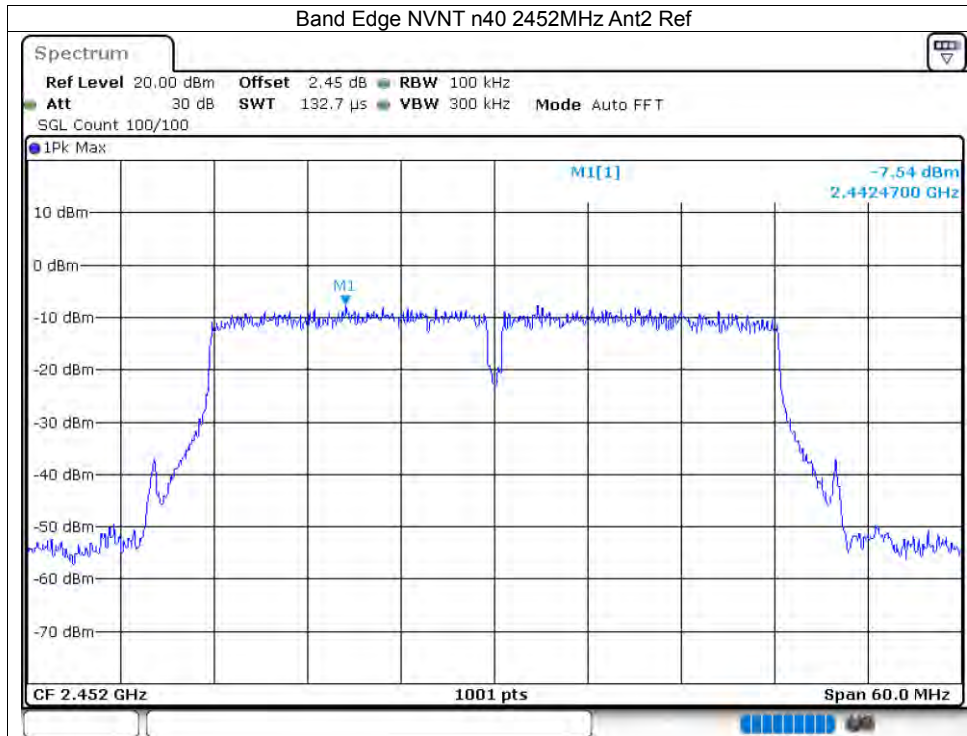






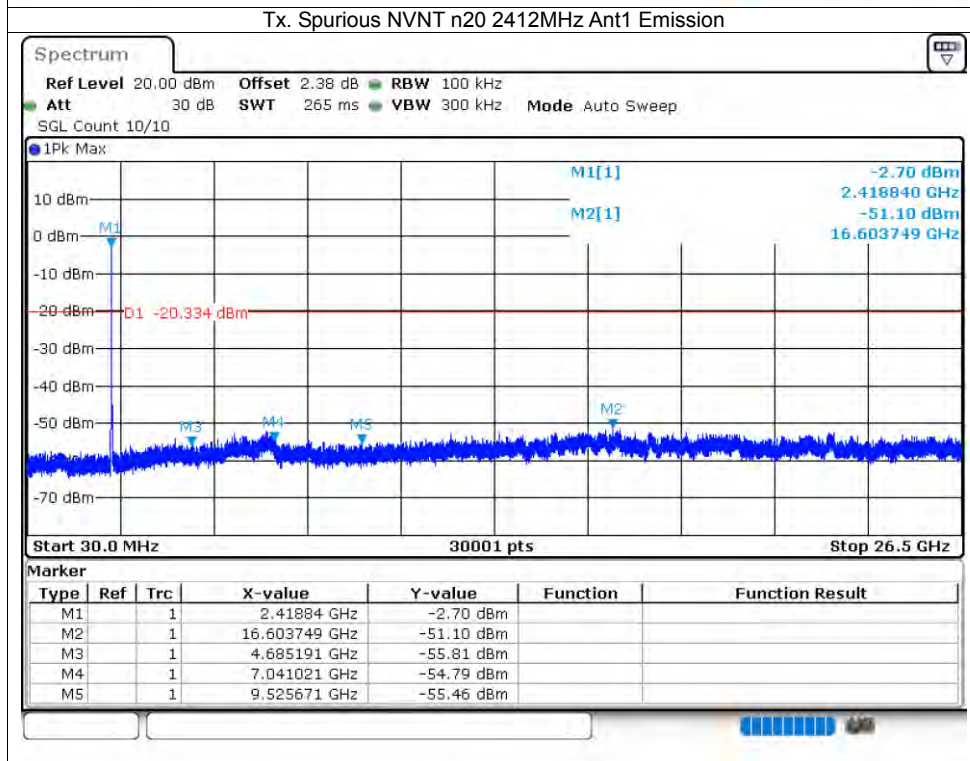
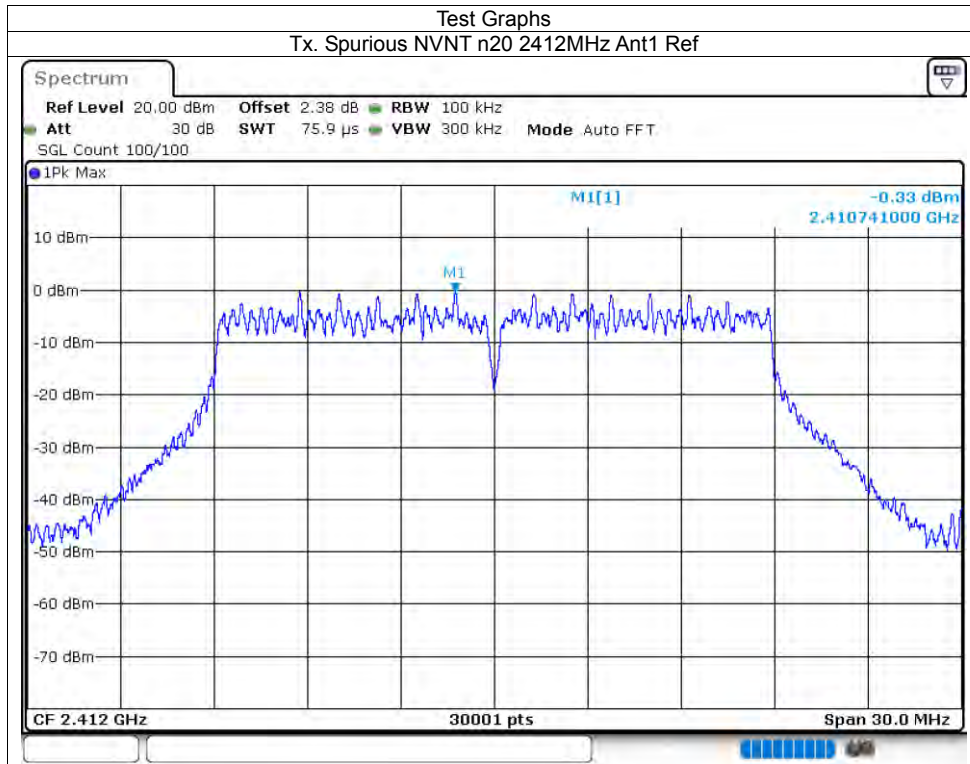


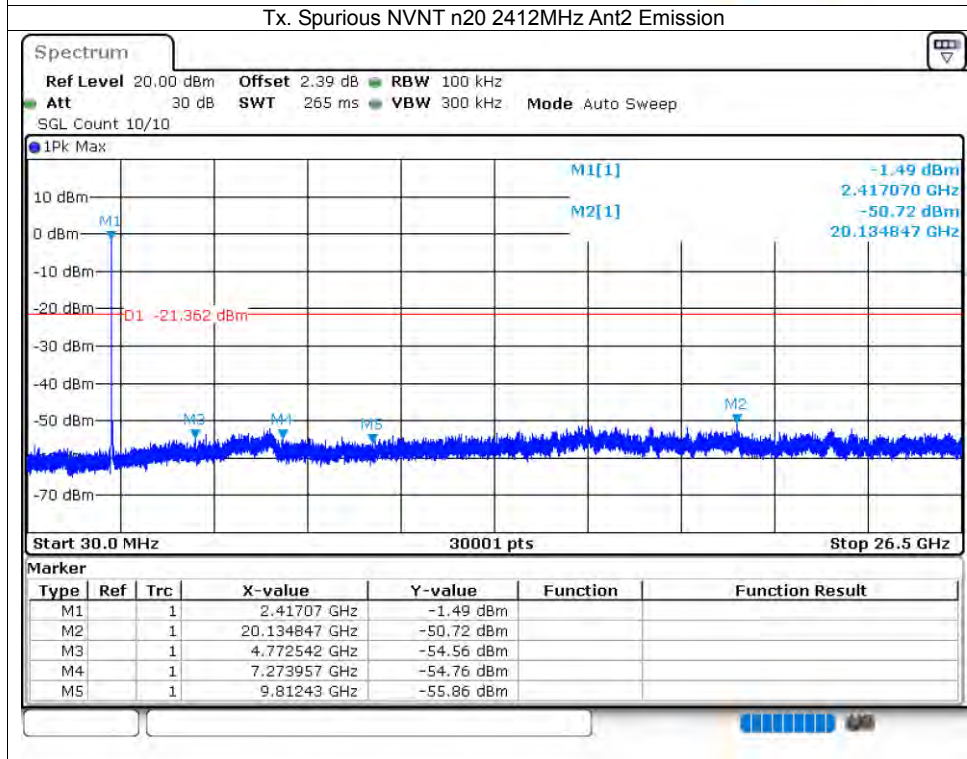
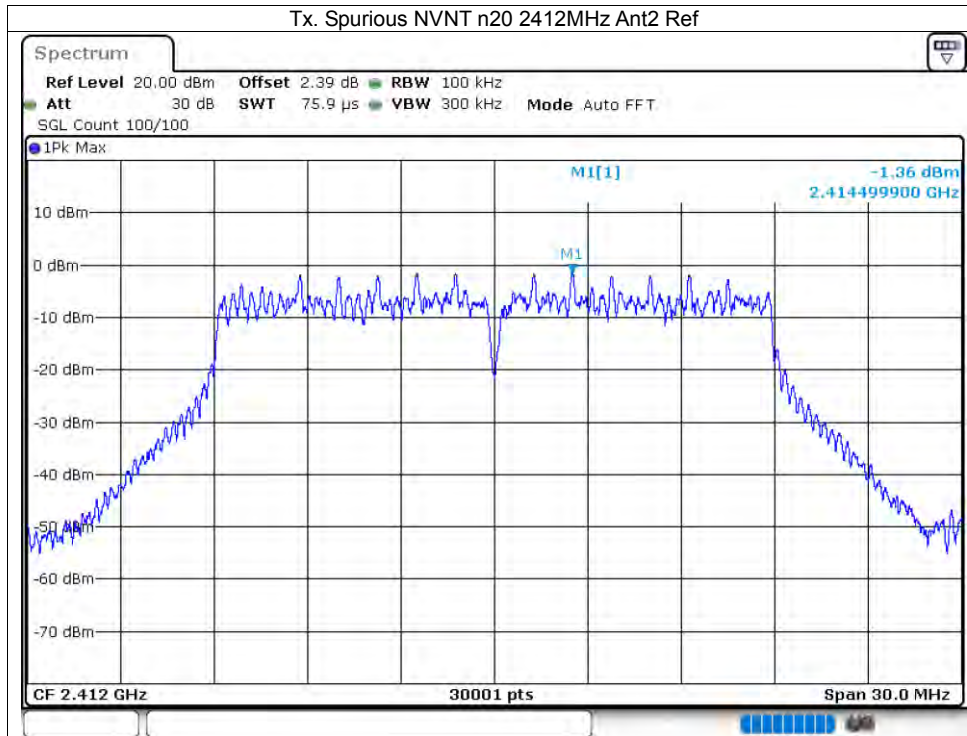


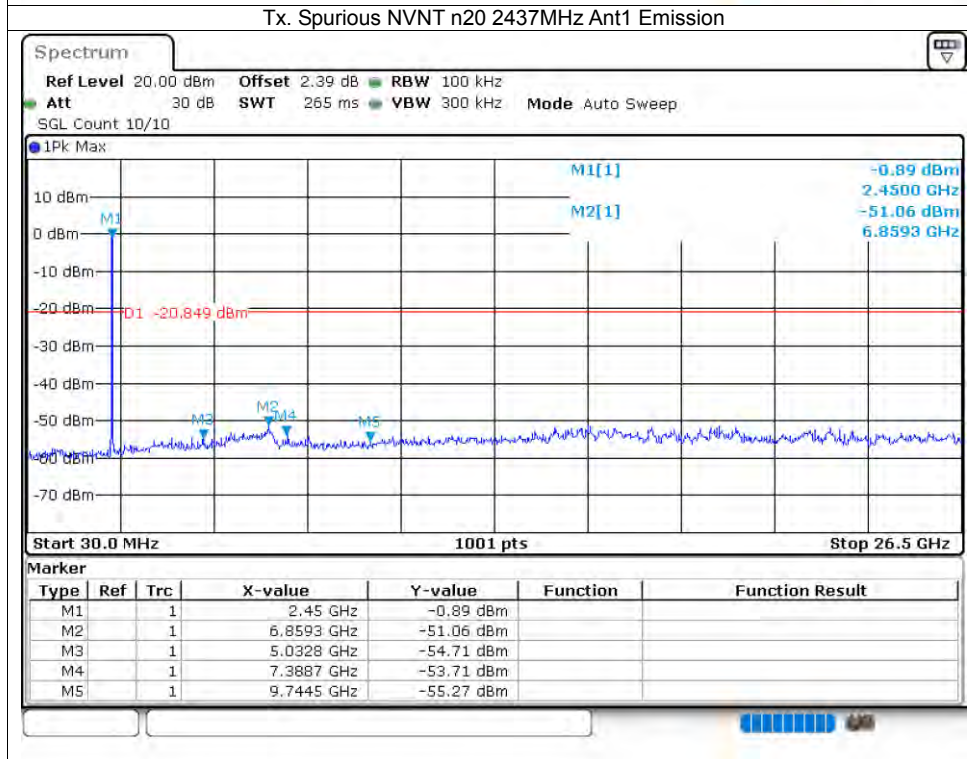
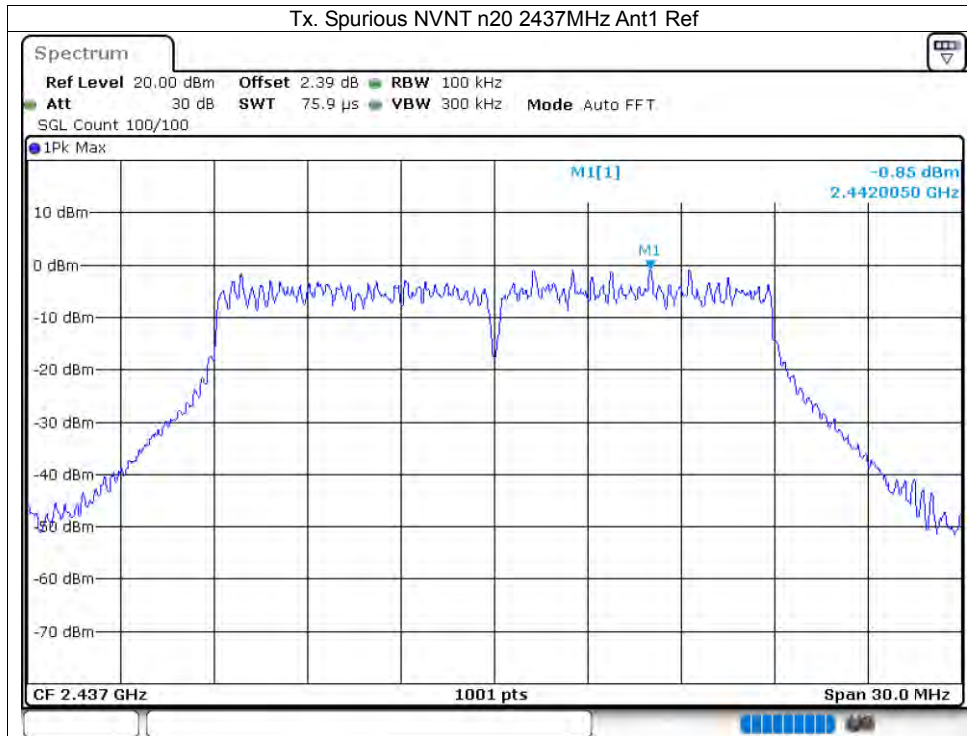


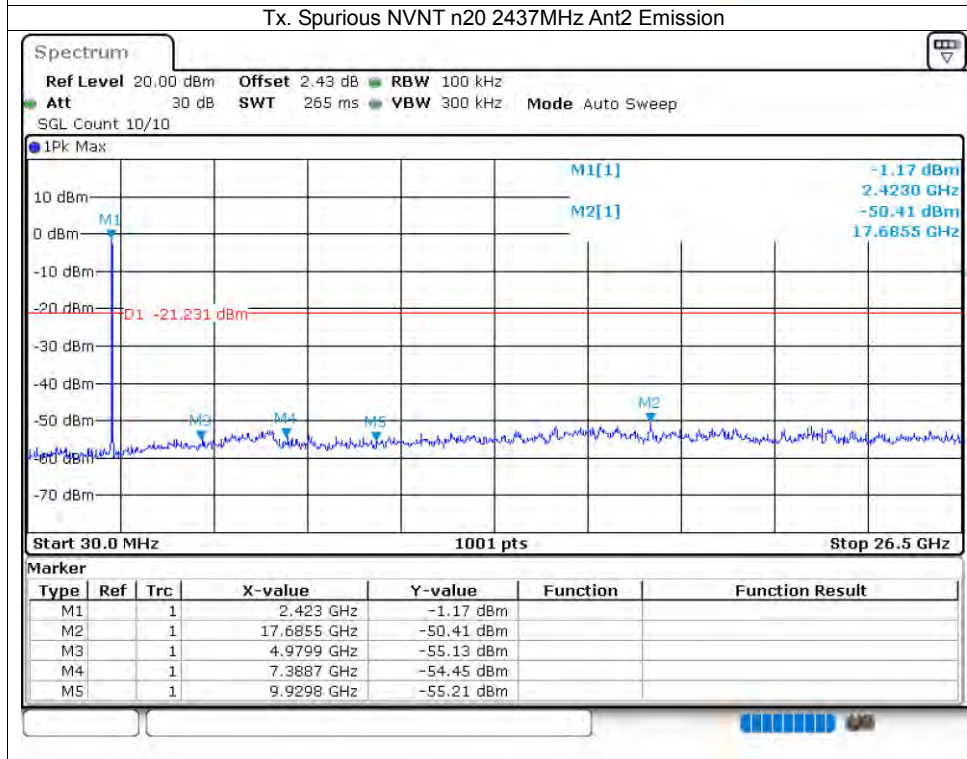
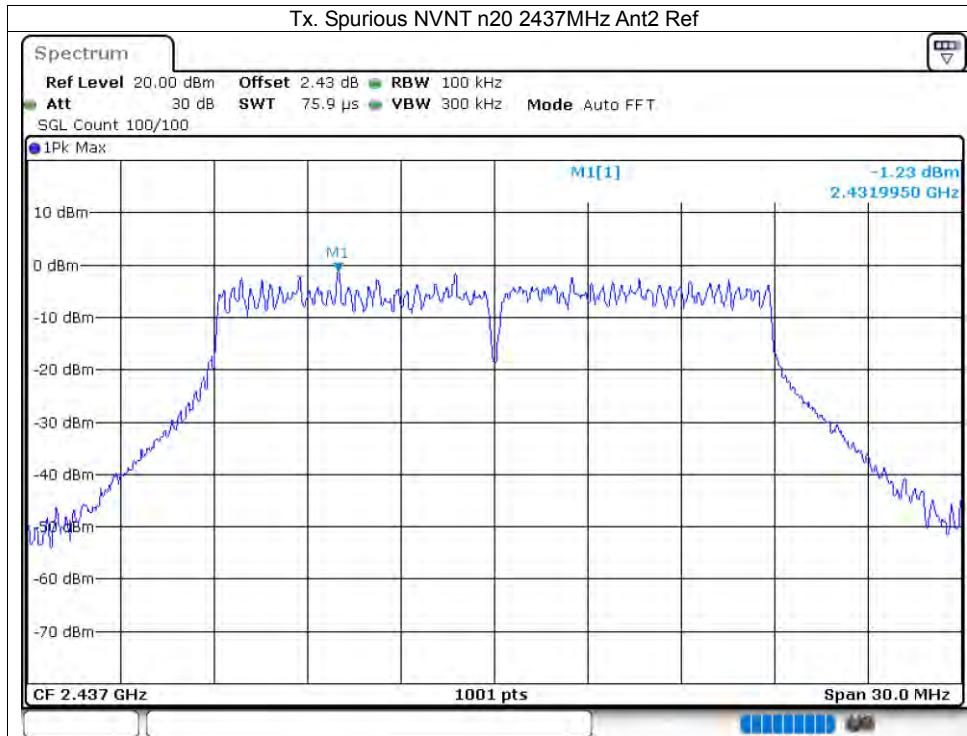
8.2.6 Conducted RF Spurious Emission

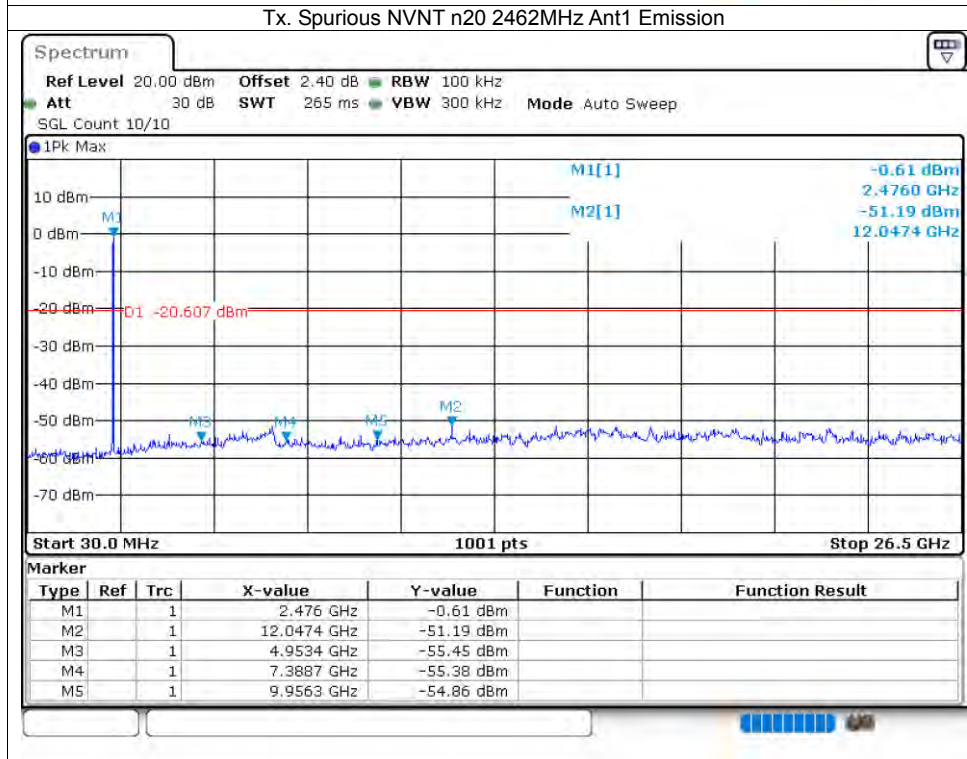
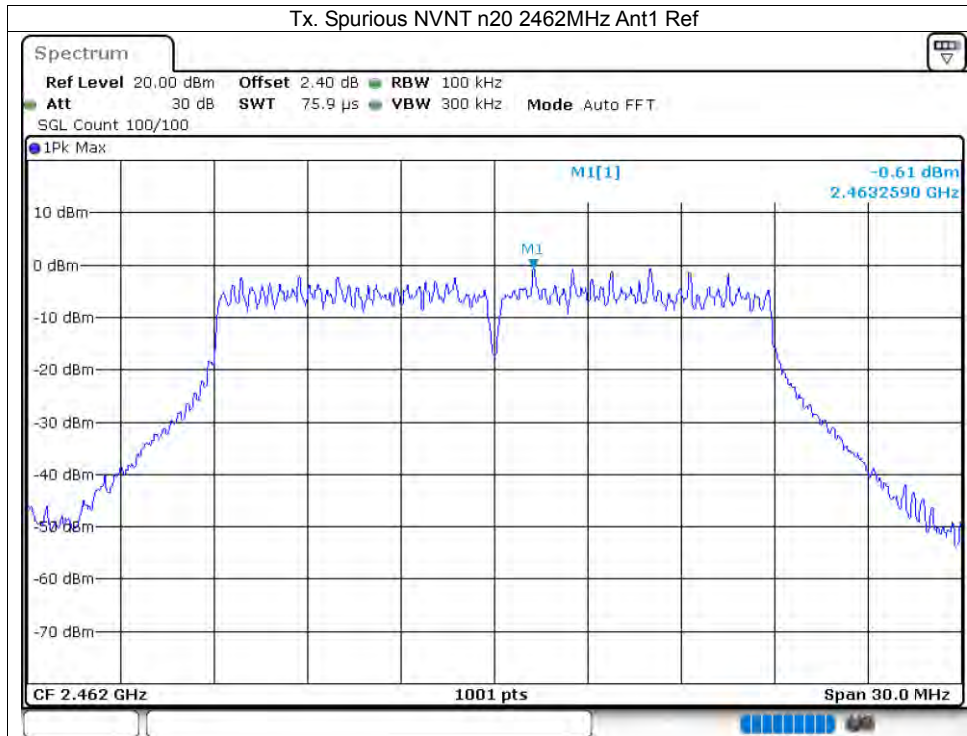
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	n20	2412	Ant1	-50.76	-20	Pass
NVNT	n20	2412	Ant2	-49.35	-20	Pass
NVNT	n20	2437	Ant1	-50.21	-20	Pass
NVNT	n20	2437	Ant2	-49.17	-20	Pass
NVNT	n20	2462	Ant1	-50.58	-20	Pass
NVNT	n20	2462	Ant2	-49.63	-20	Pass
NVNT	n40	2422	Ant1	-44.18	-20	Pass
NVNT	n40	2422	Ant2	-42.86	-20	Pass
NVNT	n40	2437	Ant1	-43.4	-20	Pass
NVNT	n40	2437	Ant2	-43.77	-20	Pass
NVNT	n40	2452	Ant1	-43.36	-20	Pass
NVNT	n40	2452	Ant2	-42.46	-20	Pass

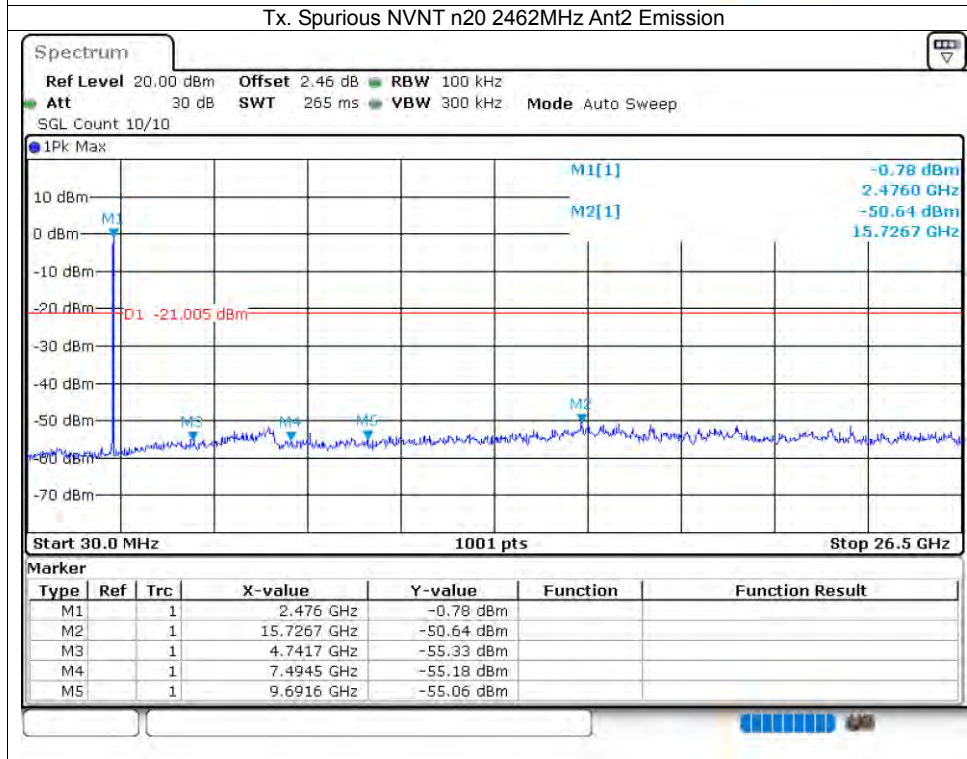
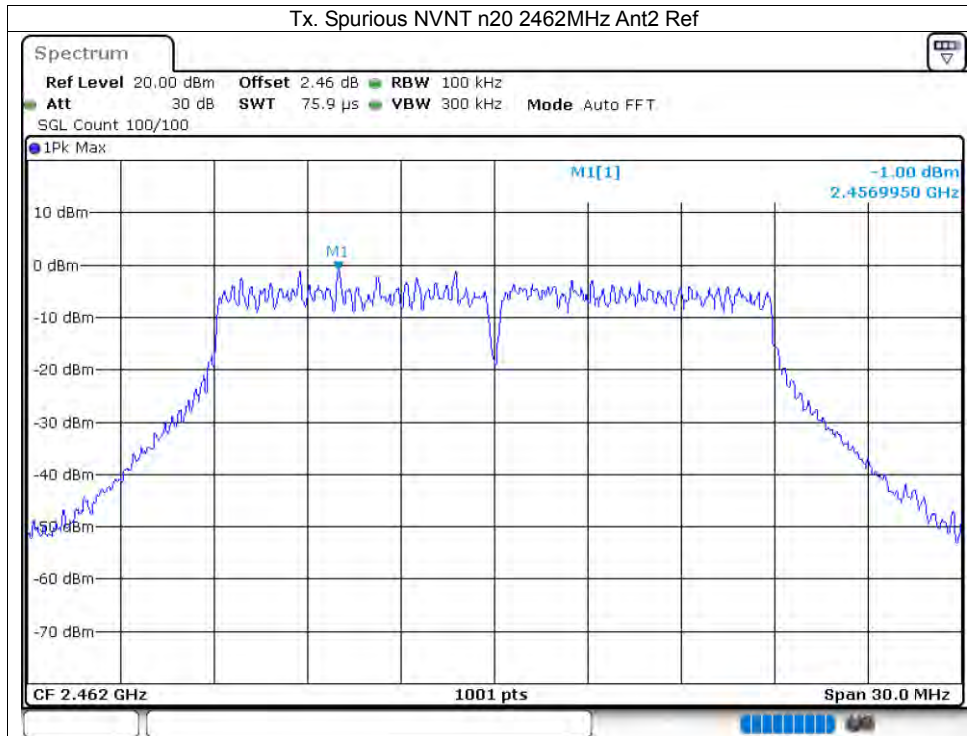


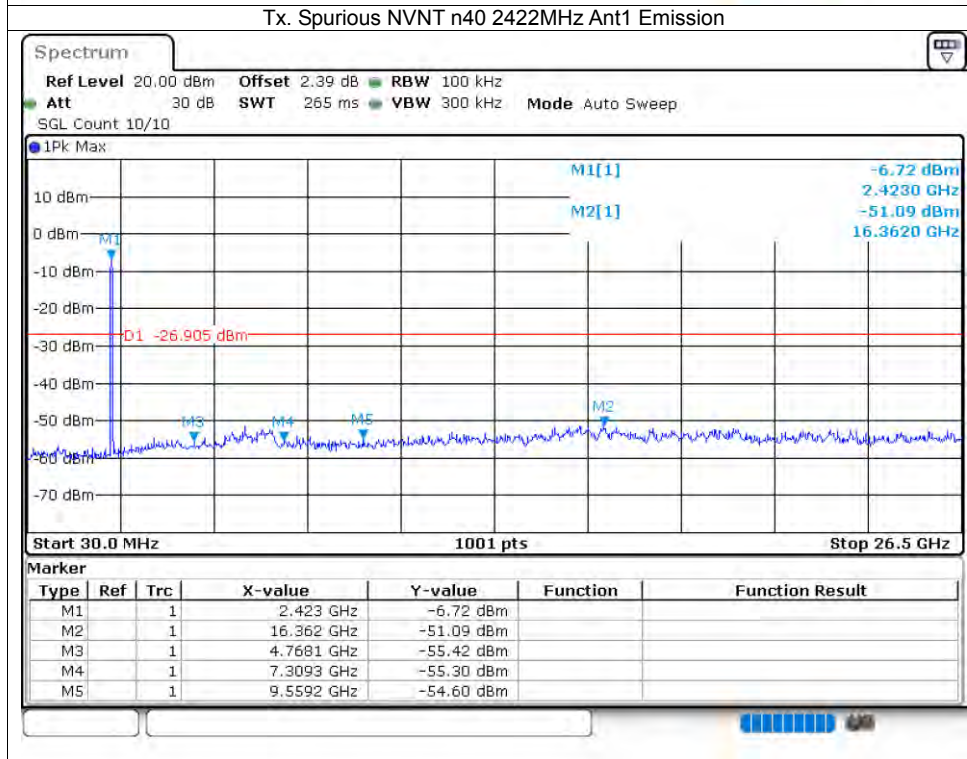
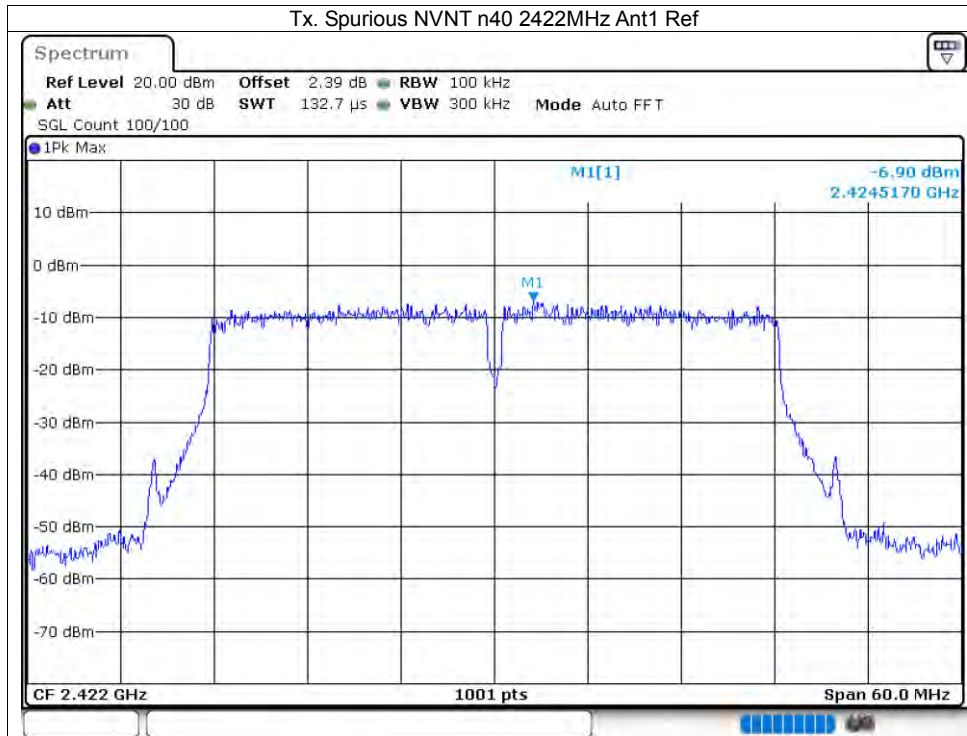


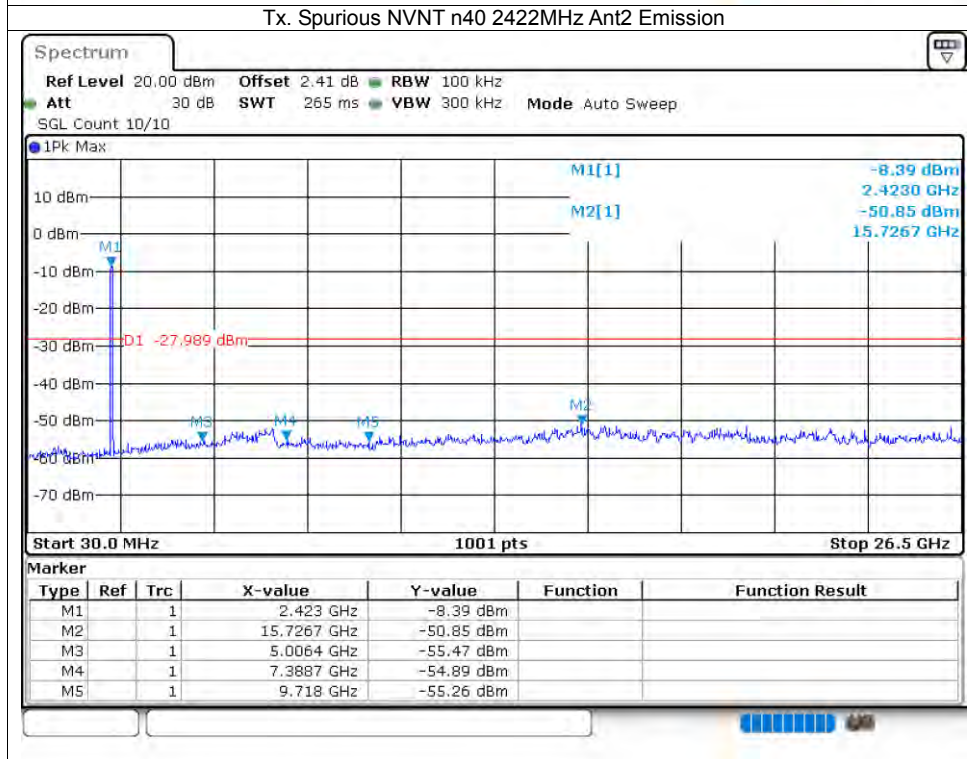
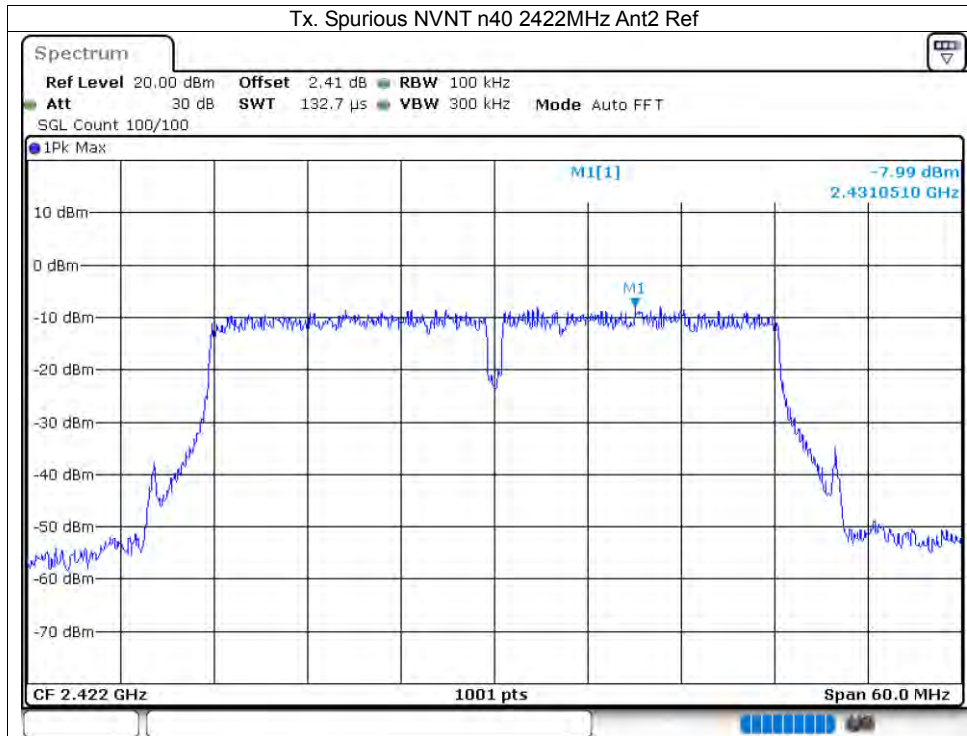


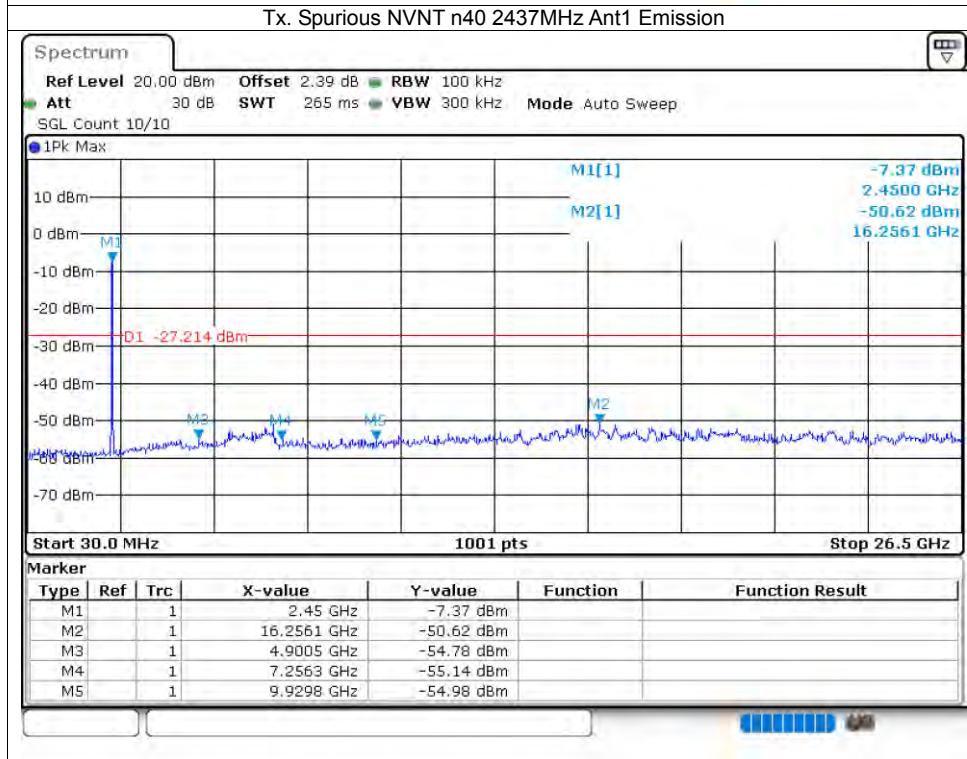
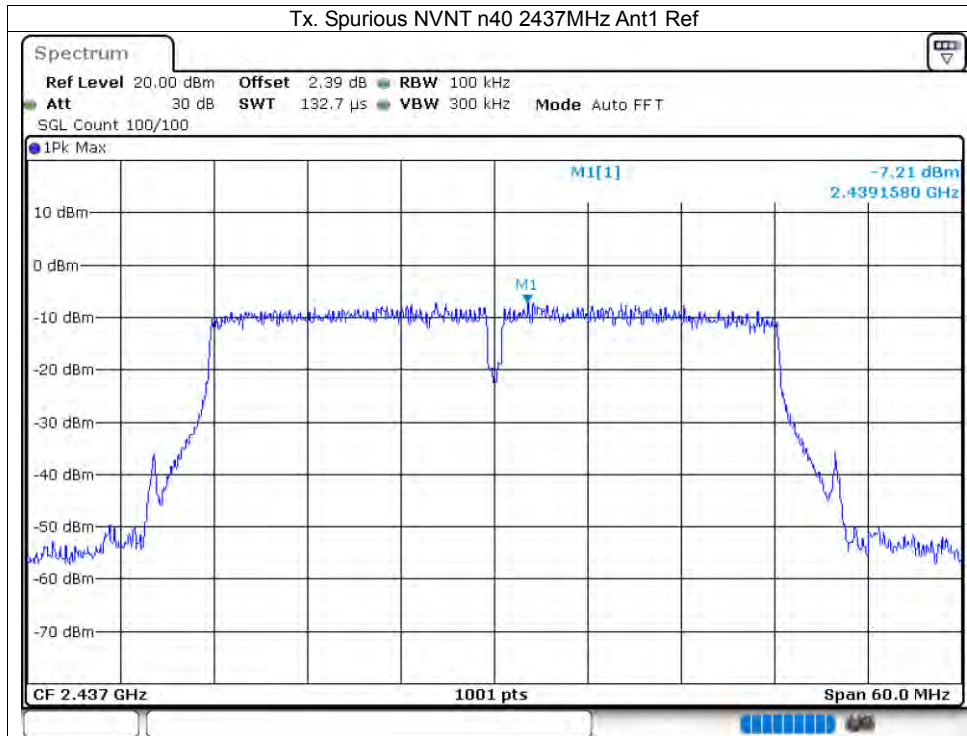


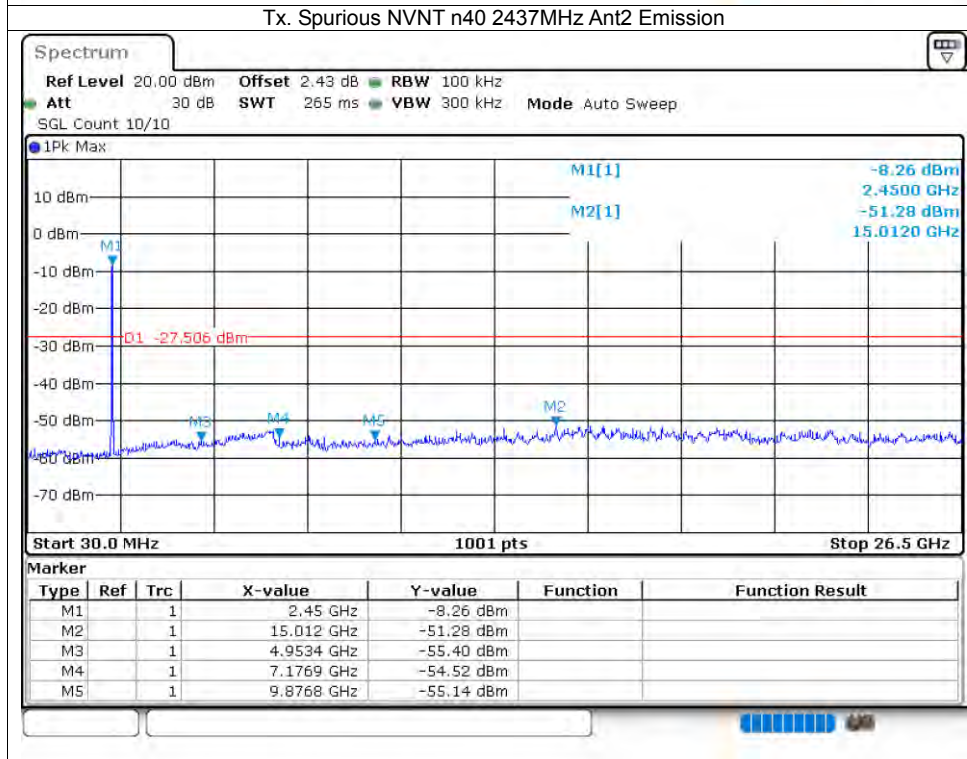
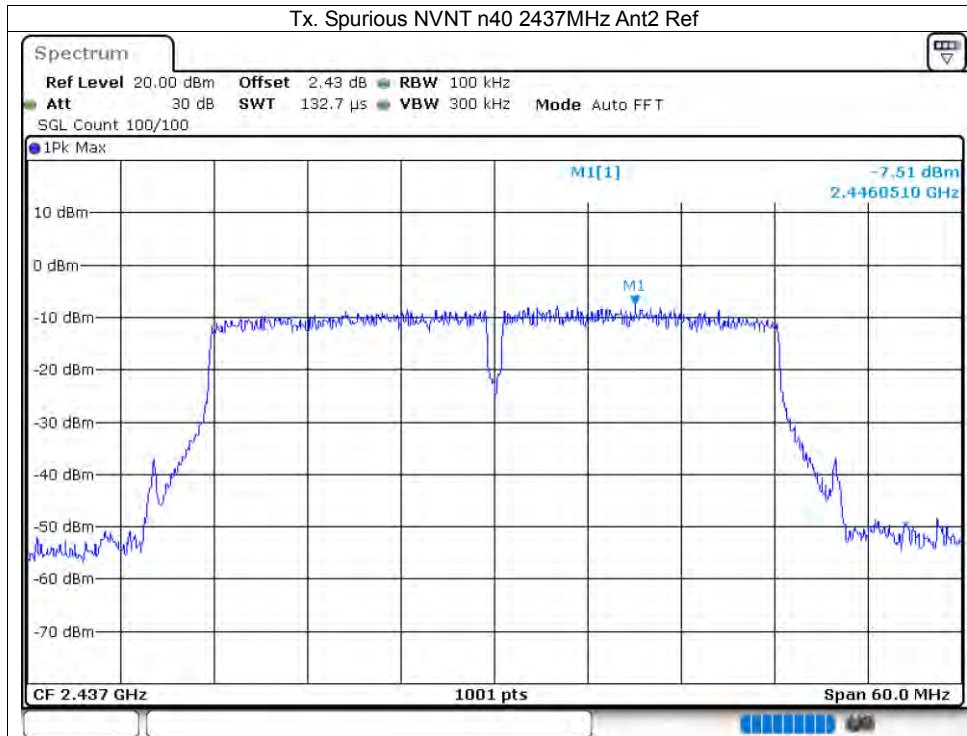


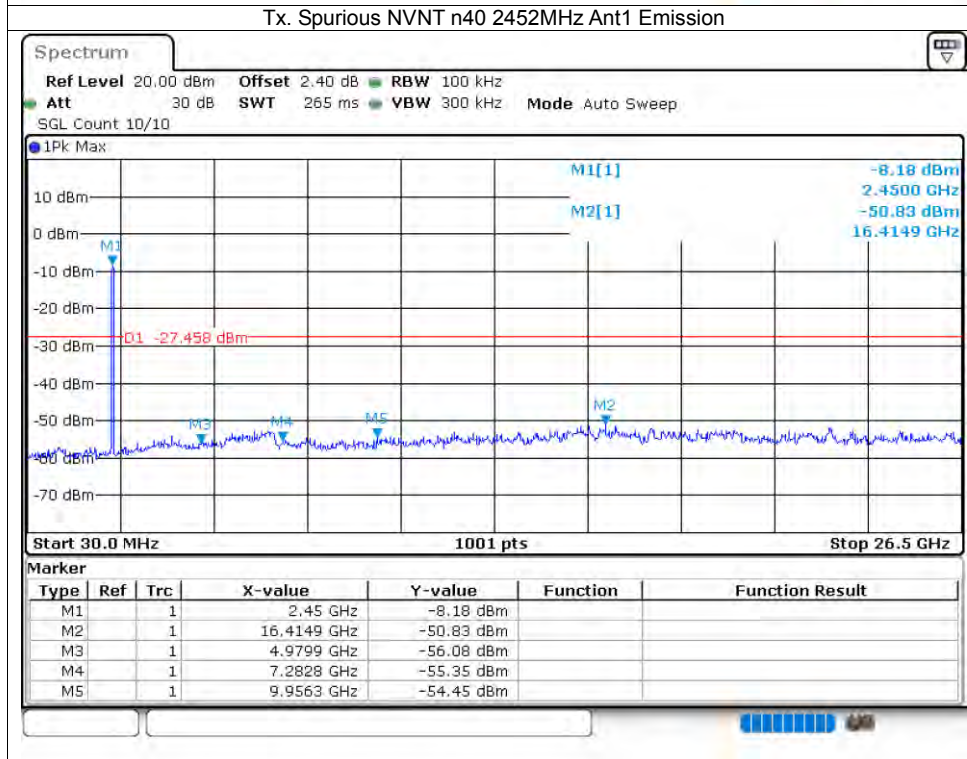
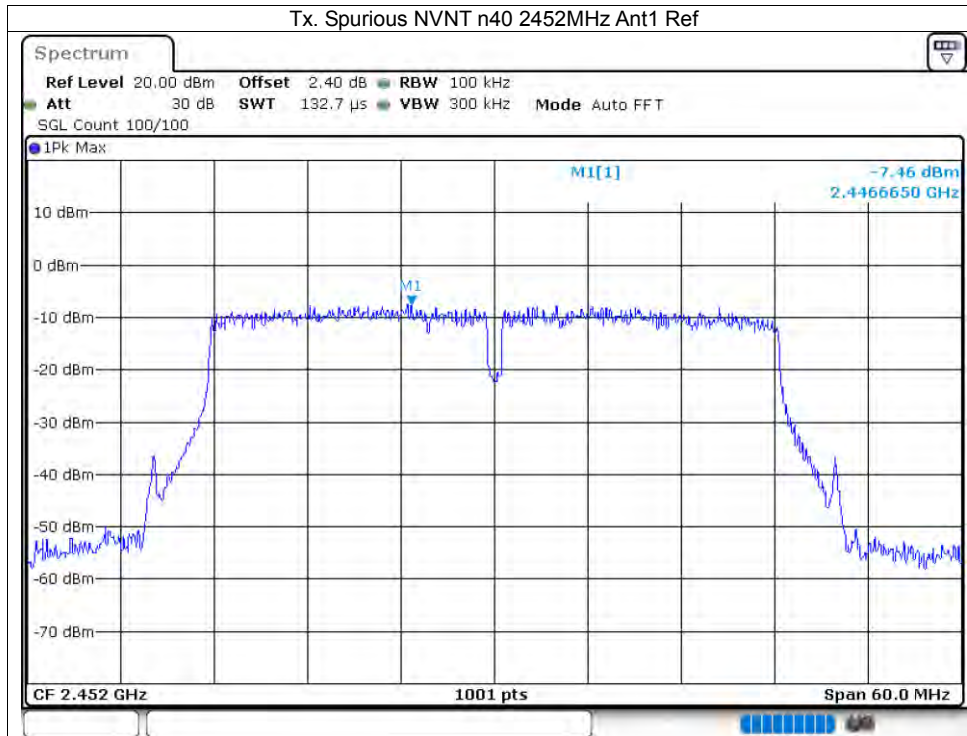


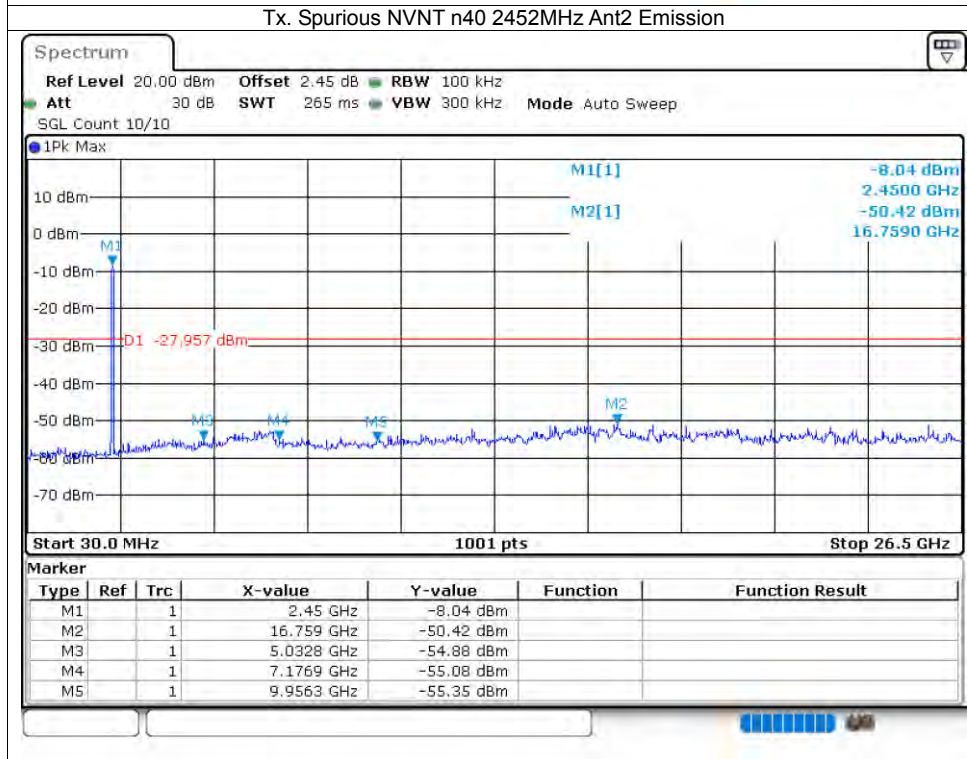
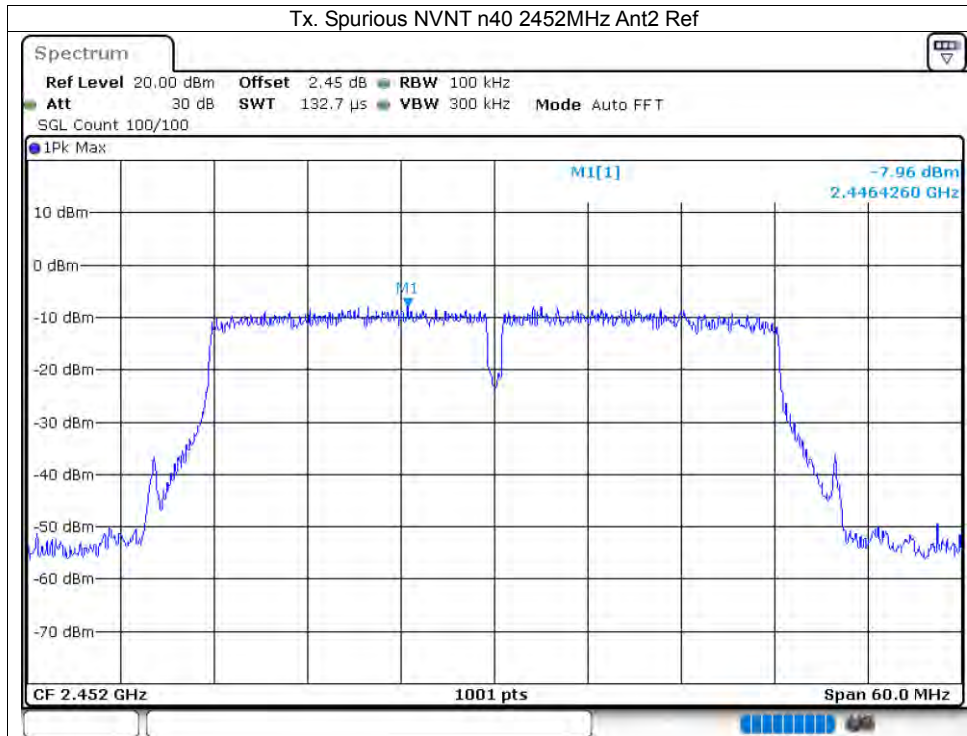












END OF REPORT