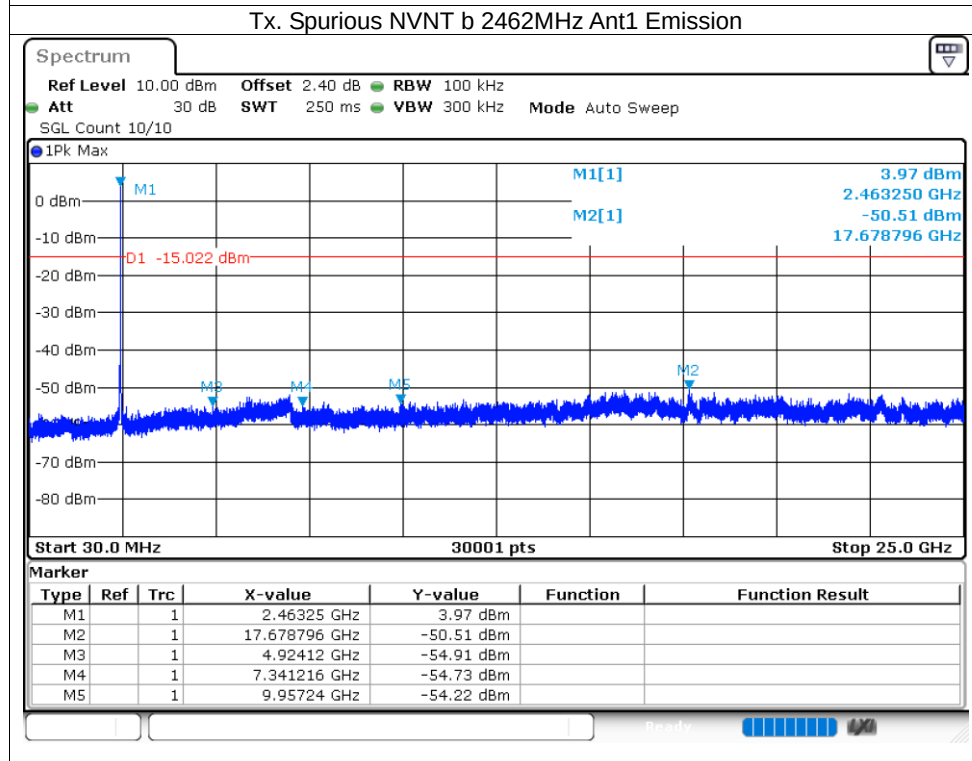
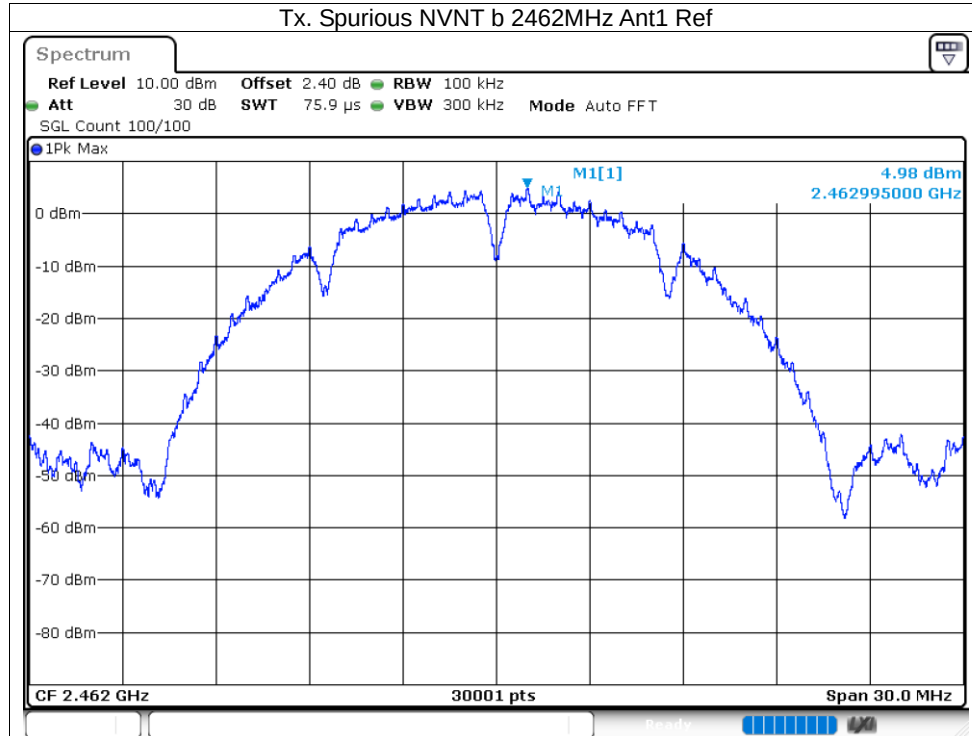
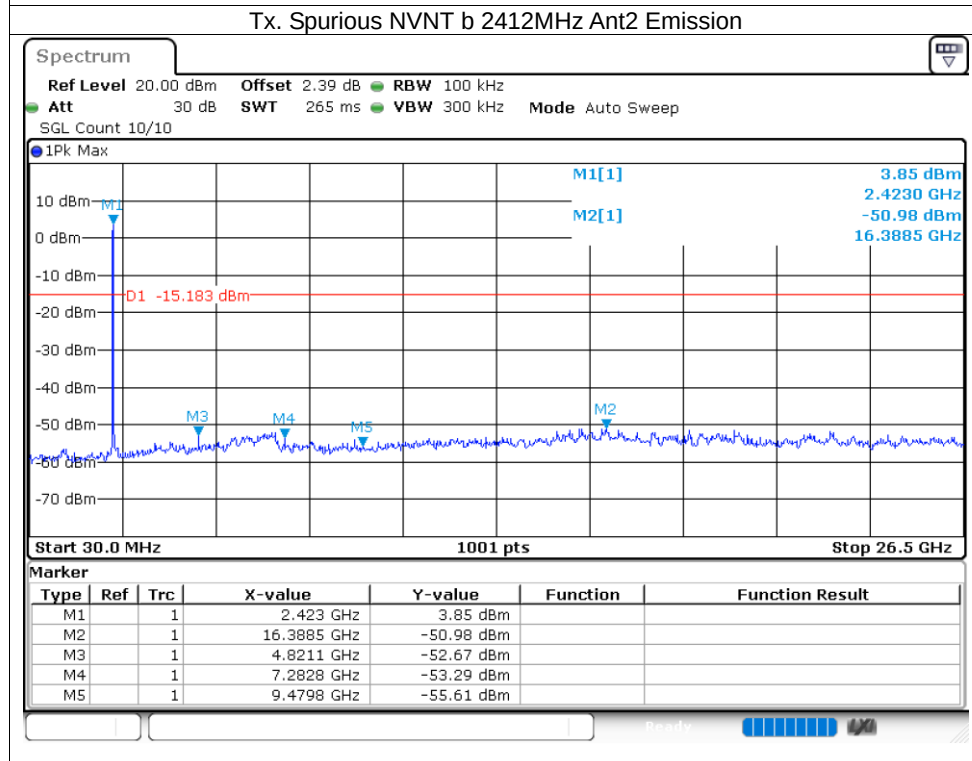
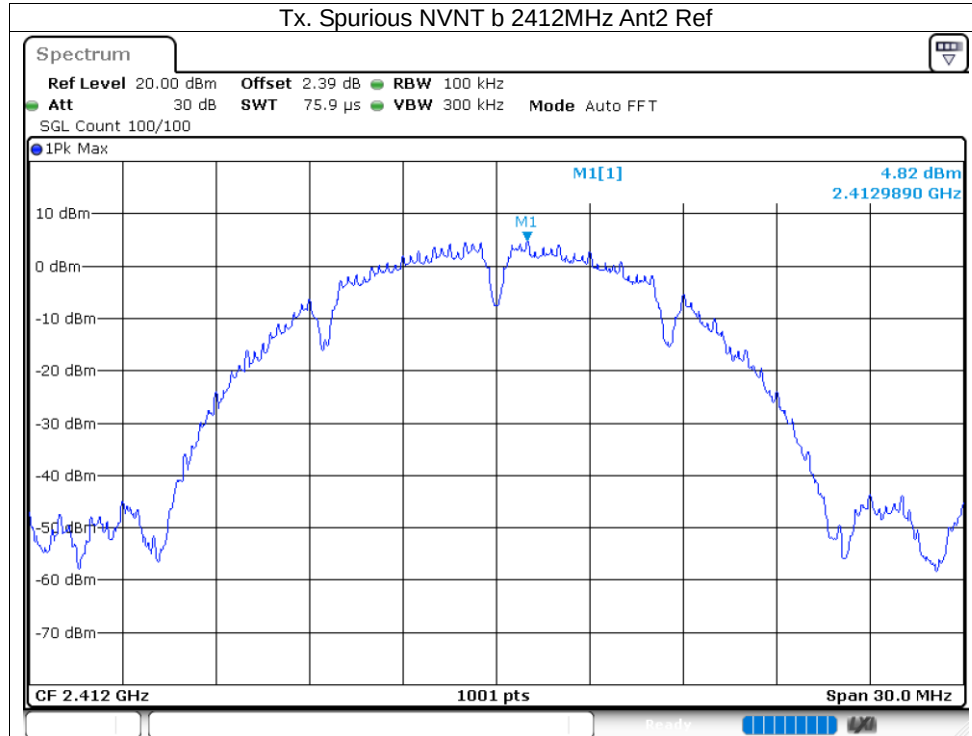
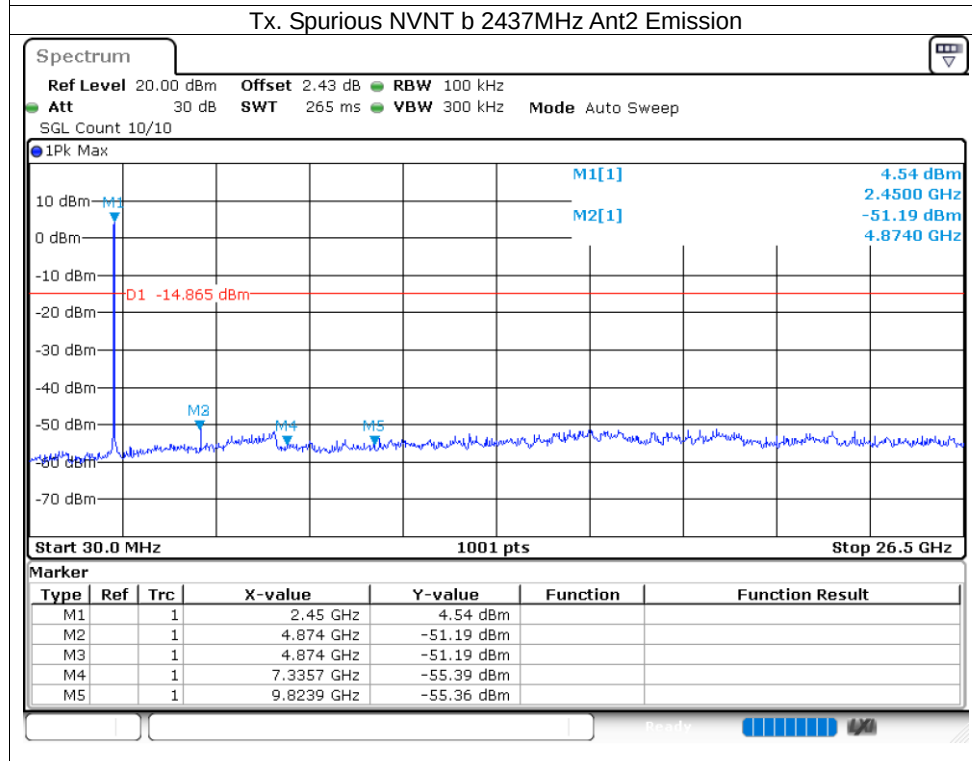
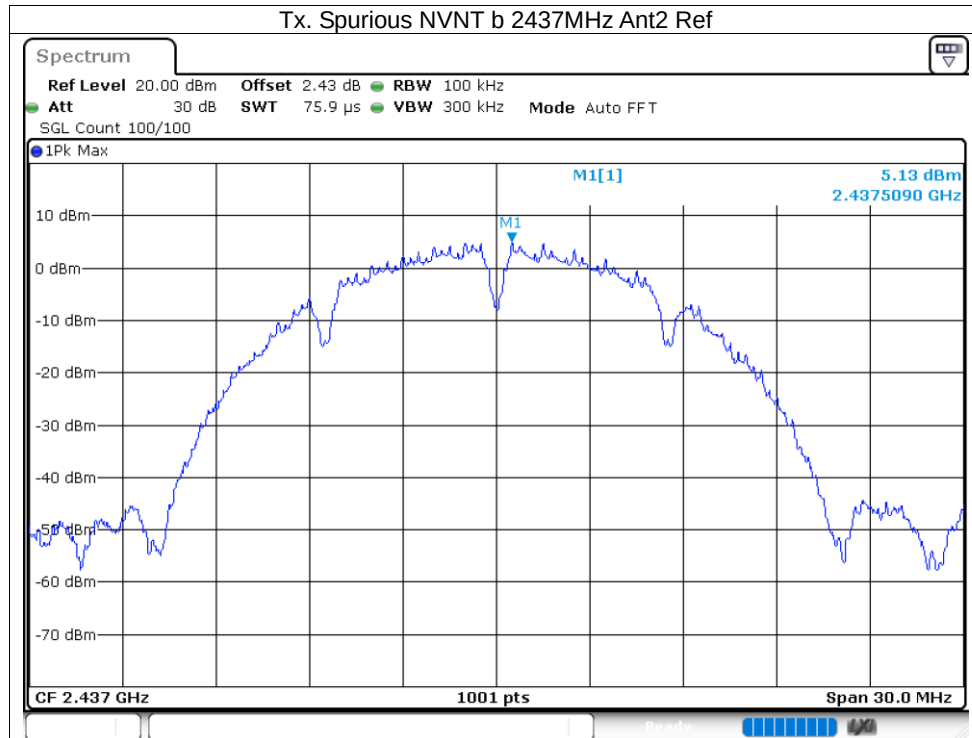
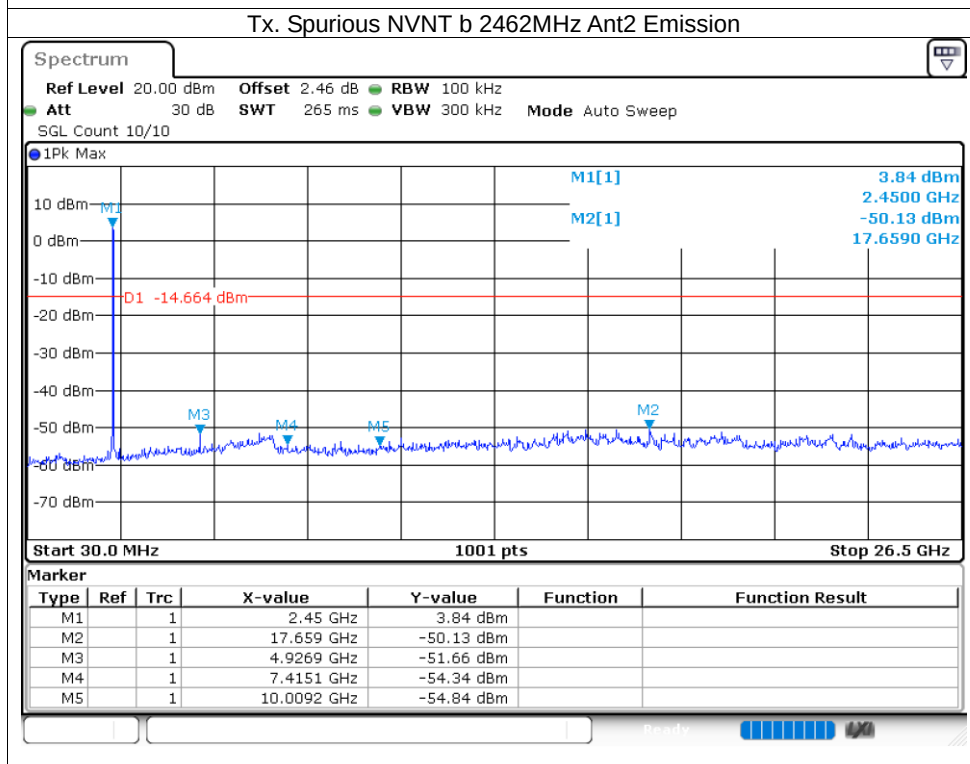
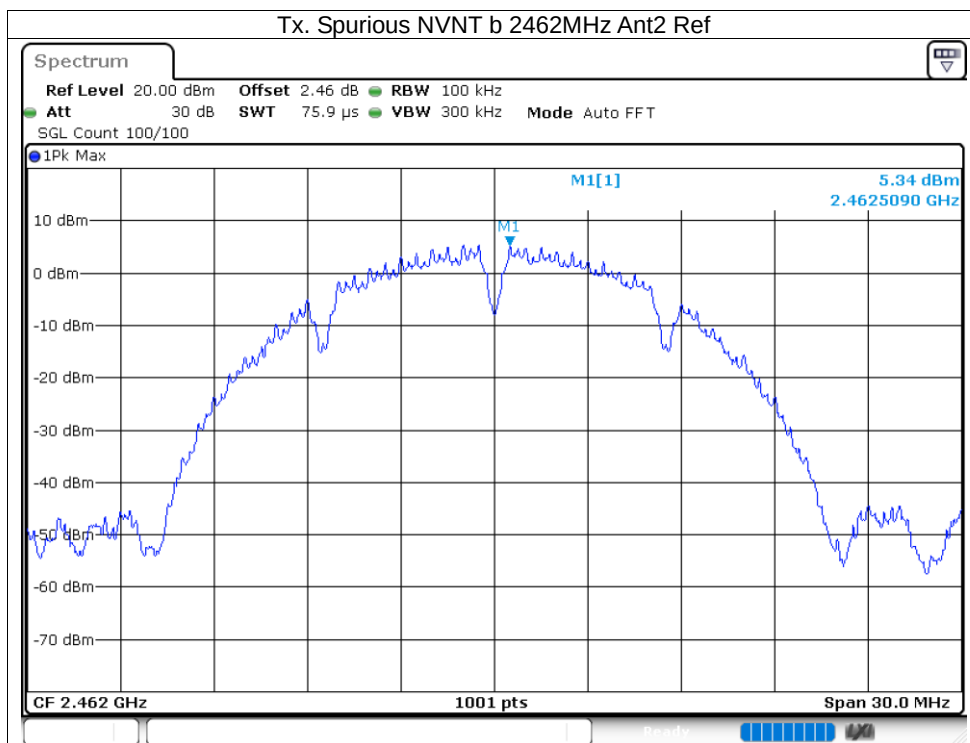
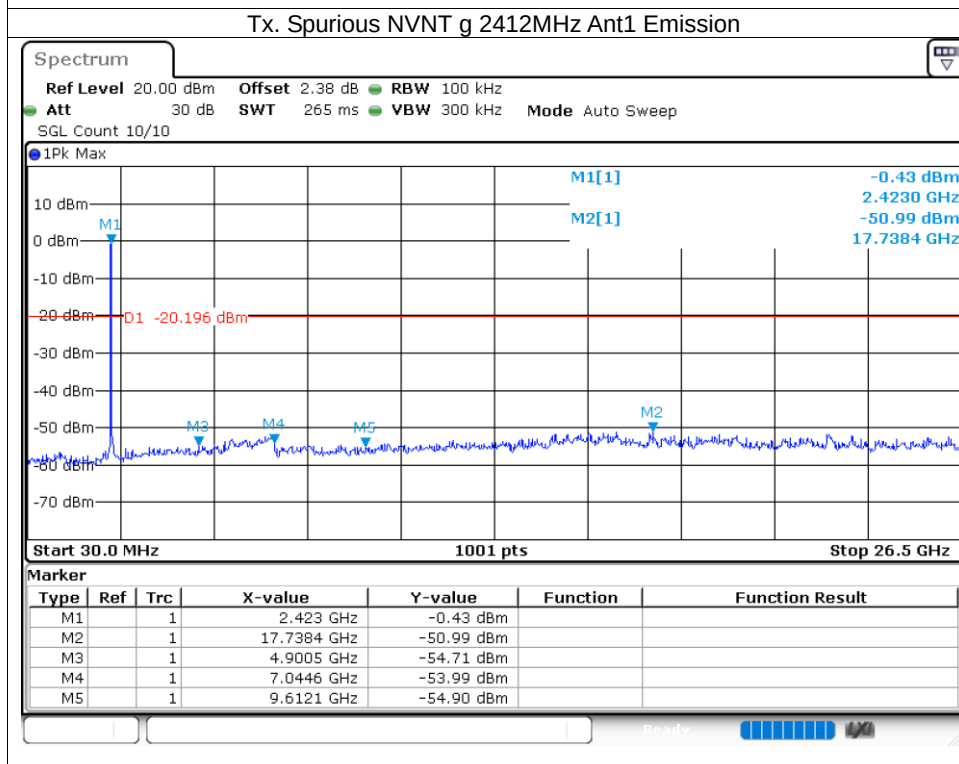
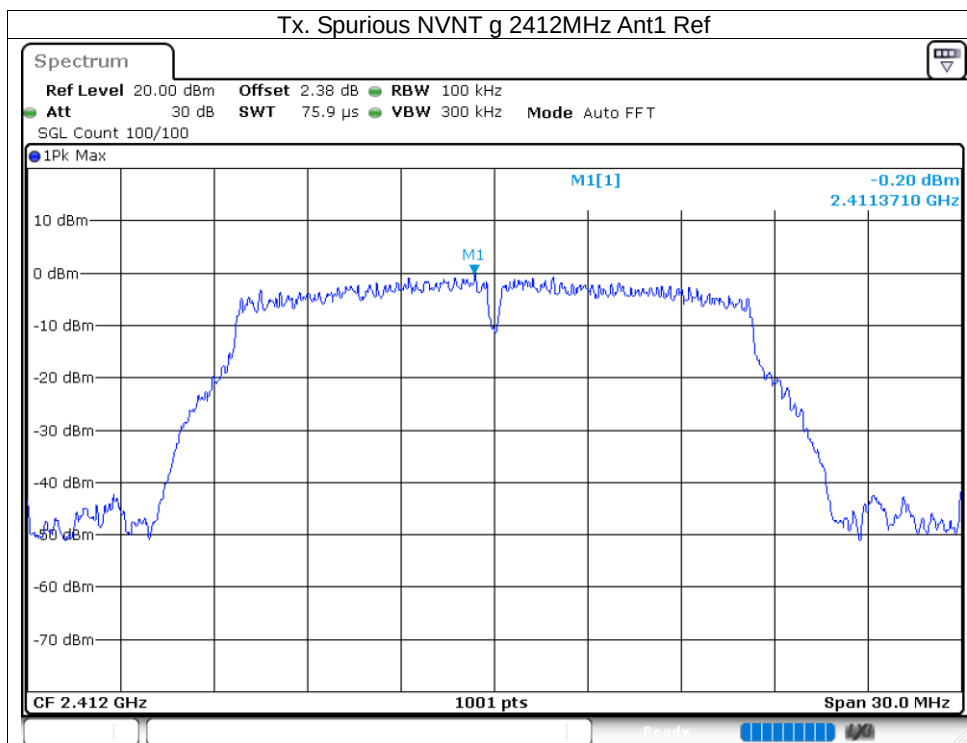


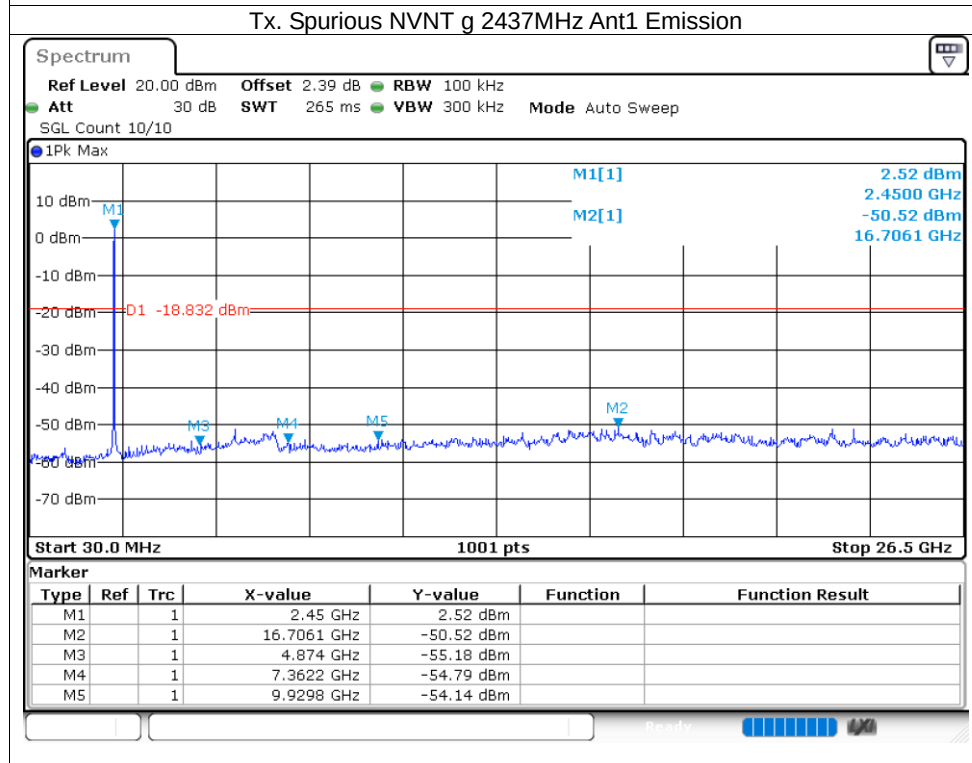
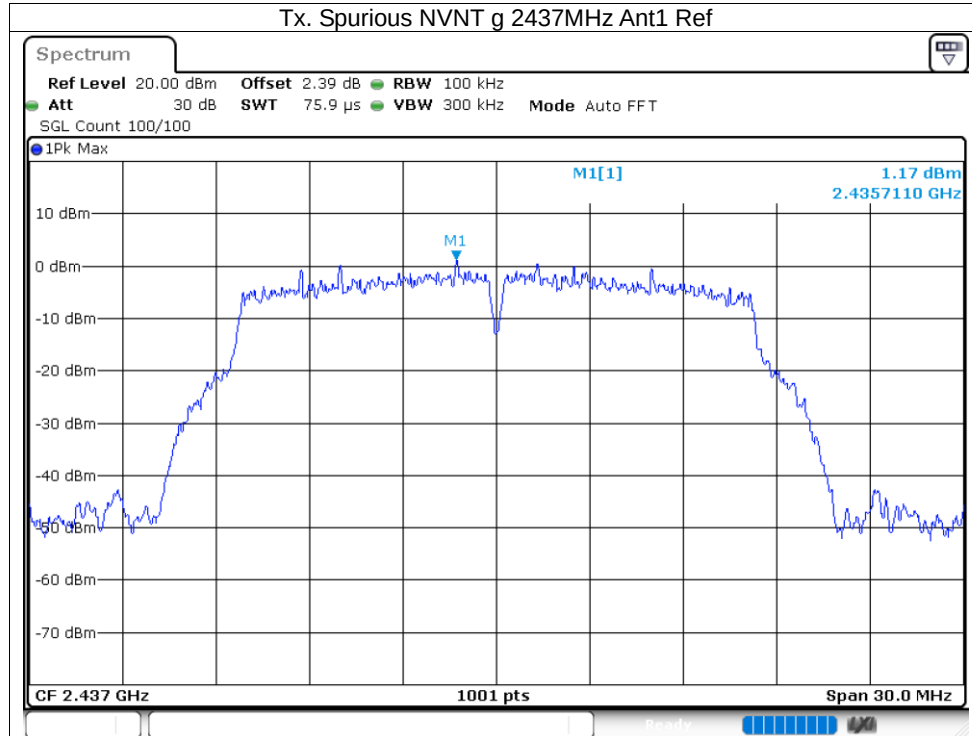


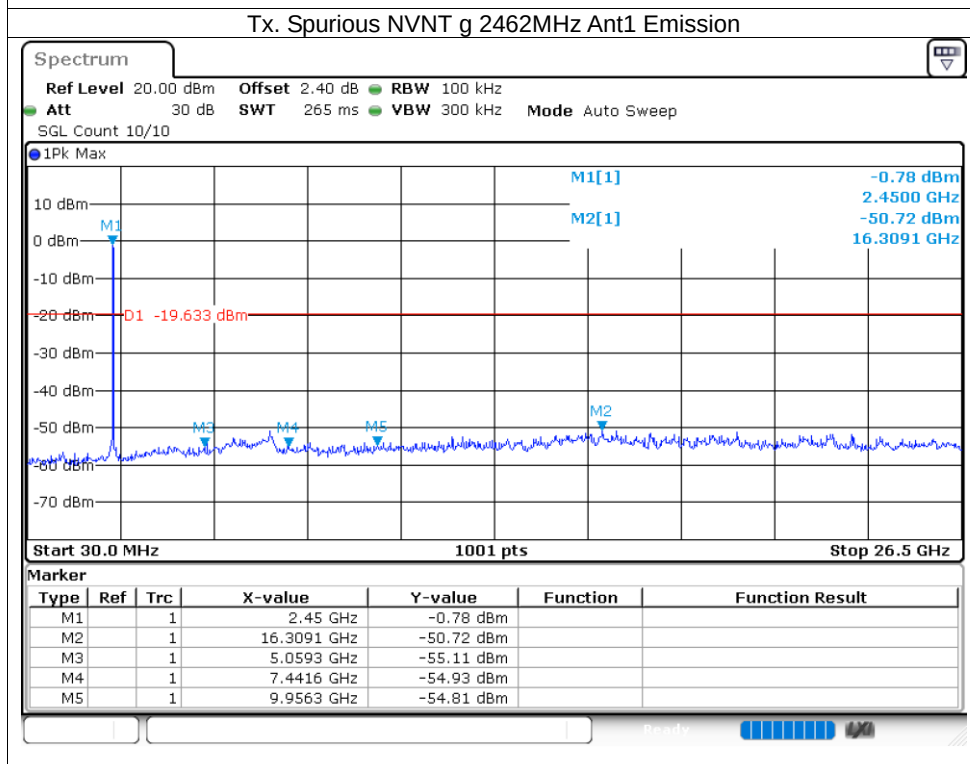
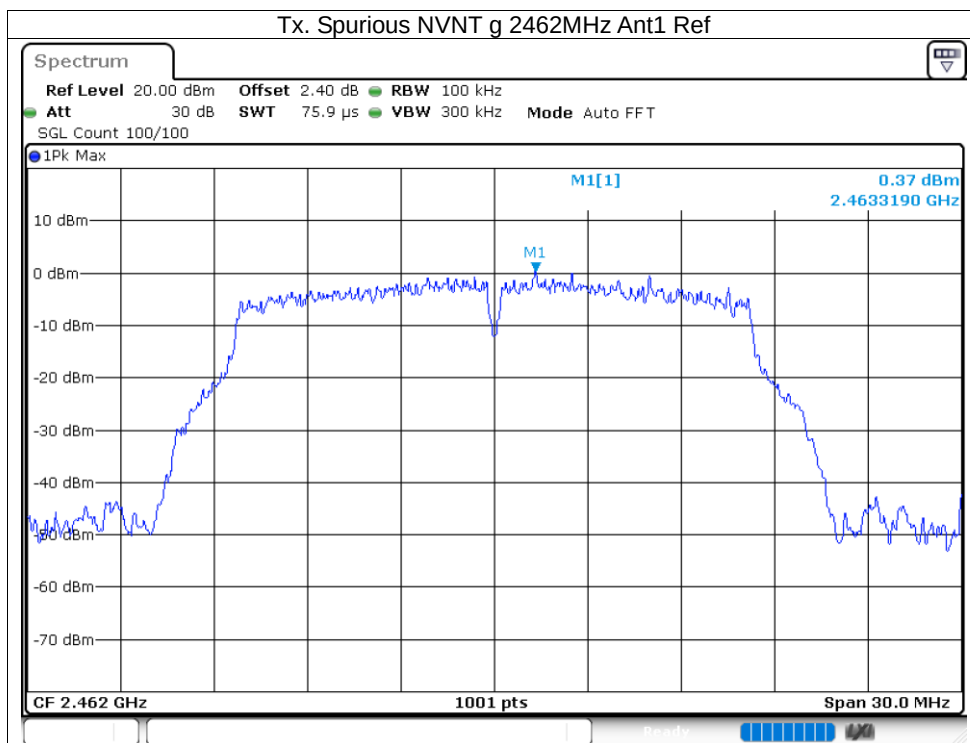


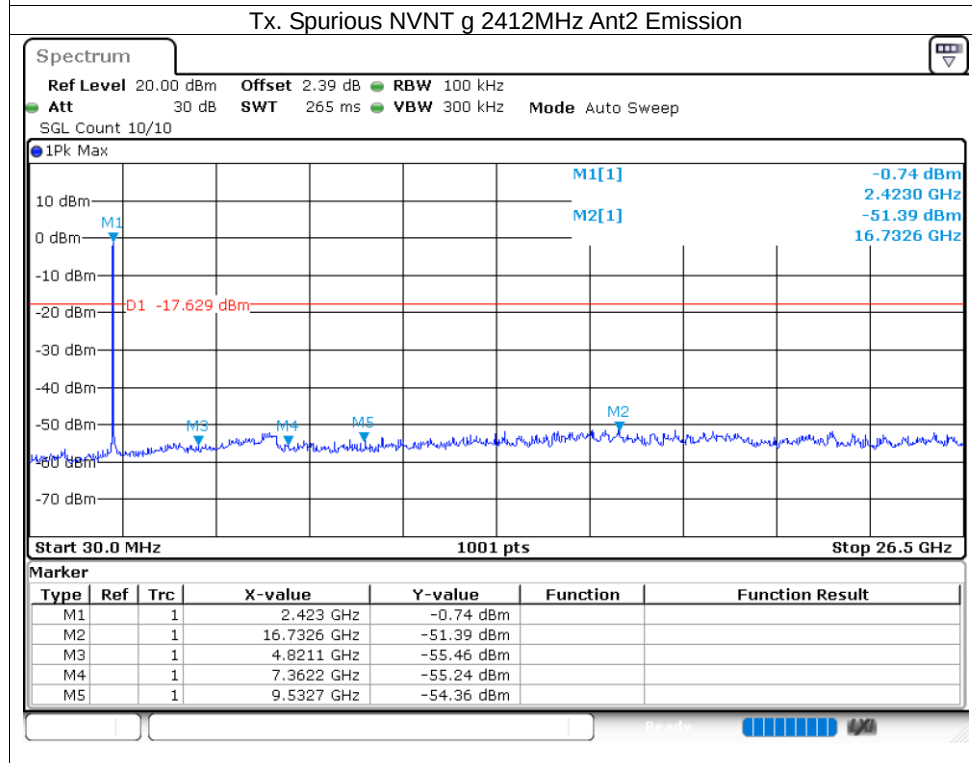
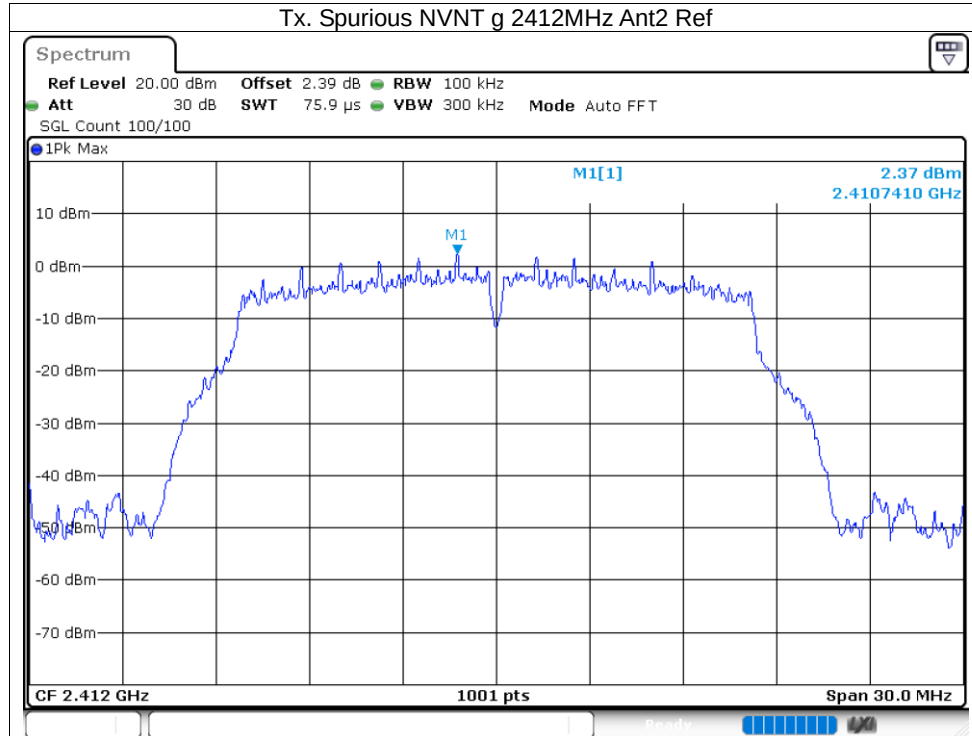


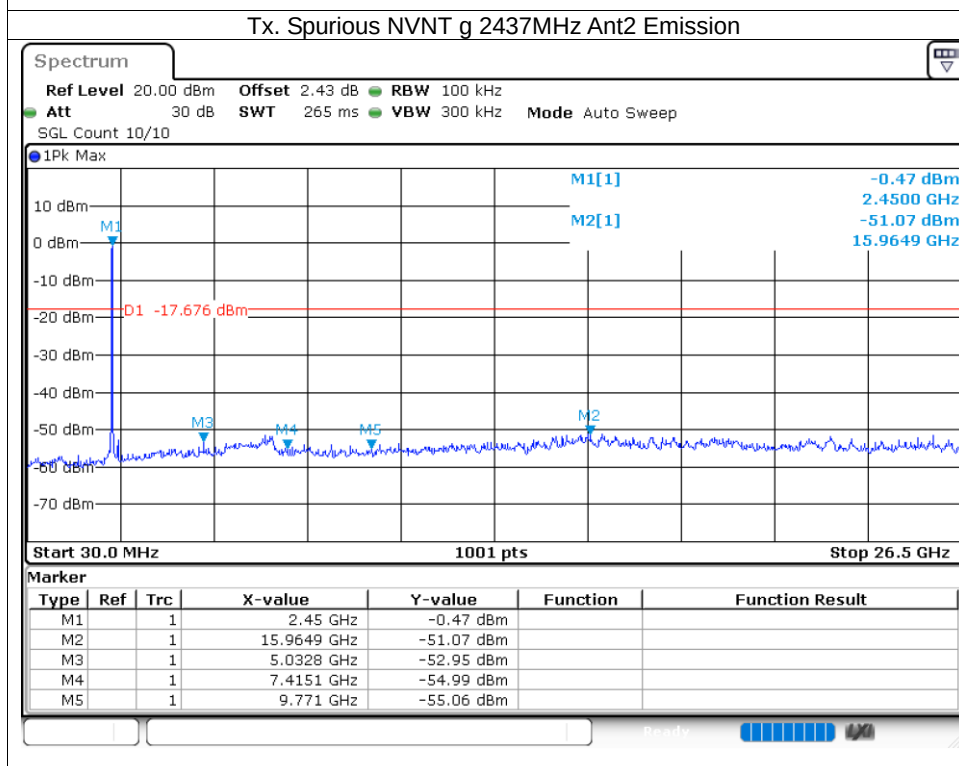
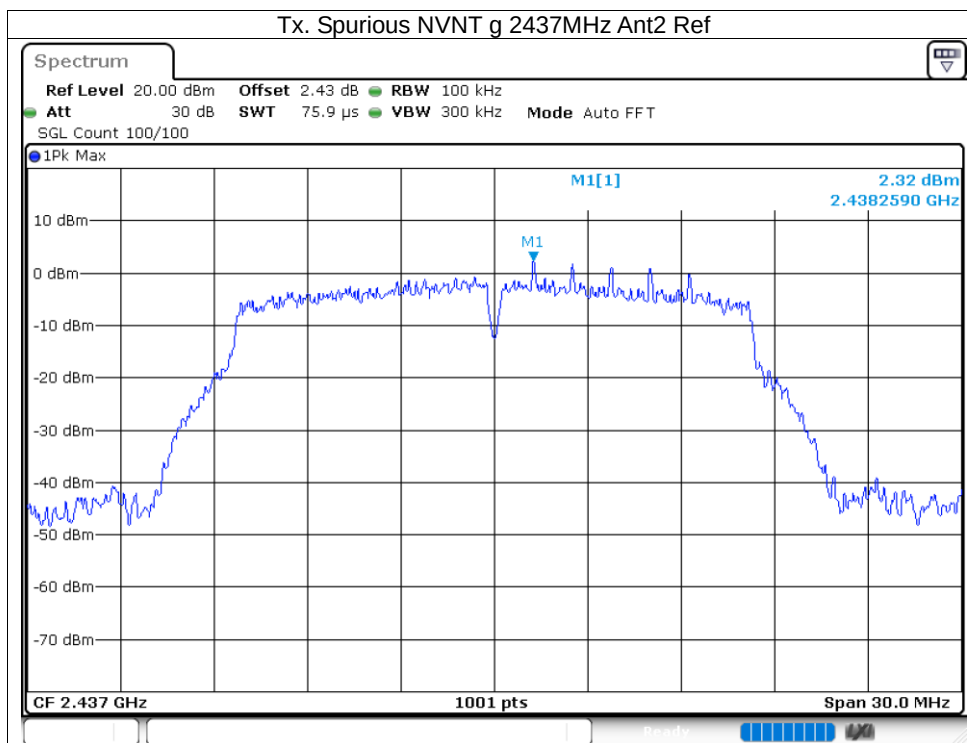


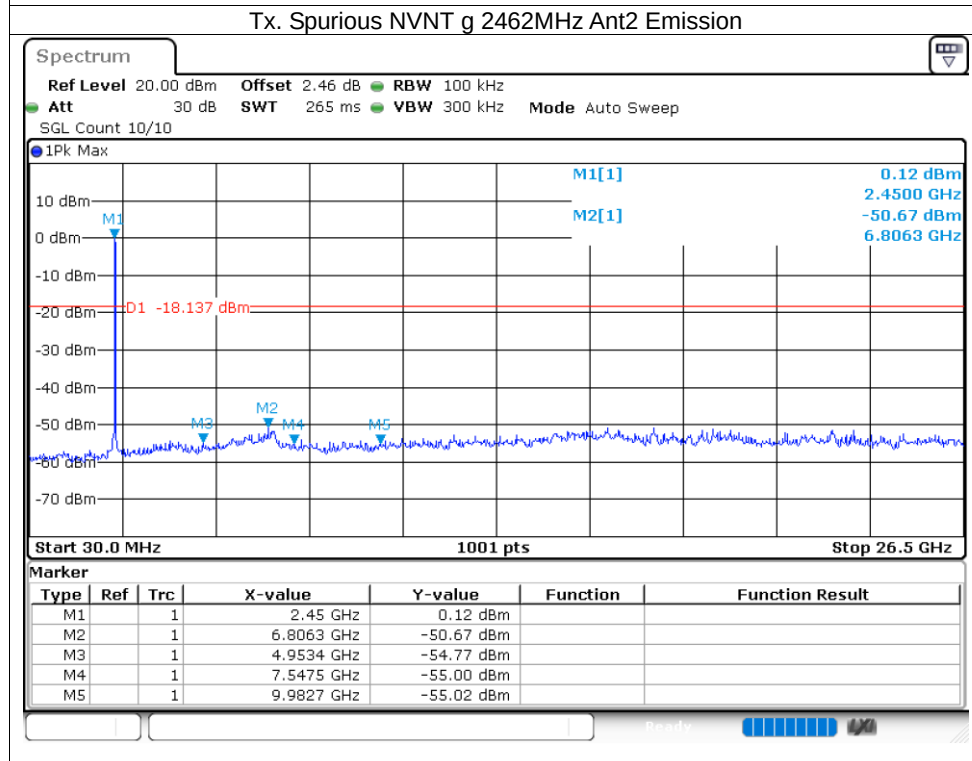
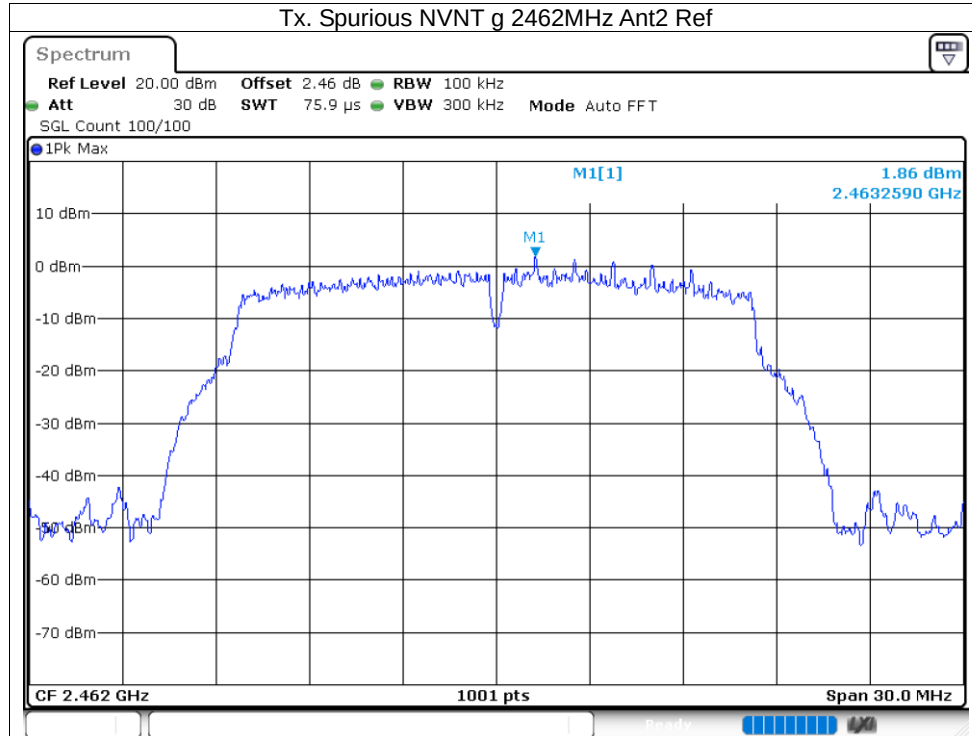


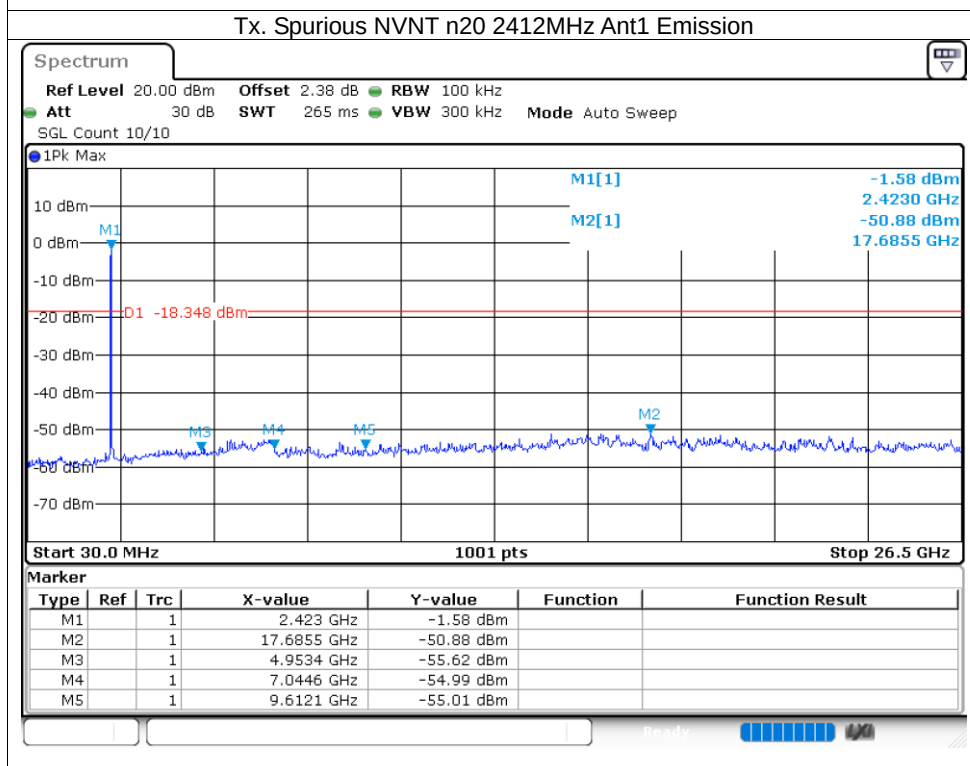
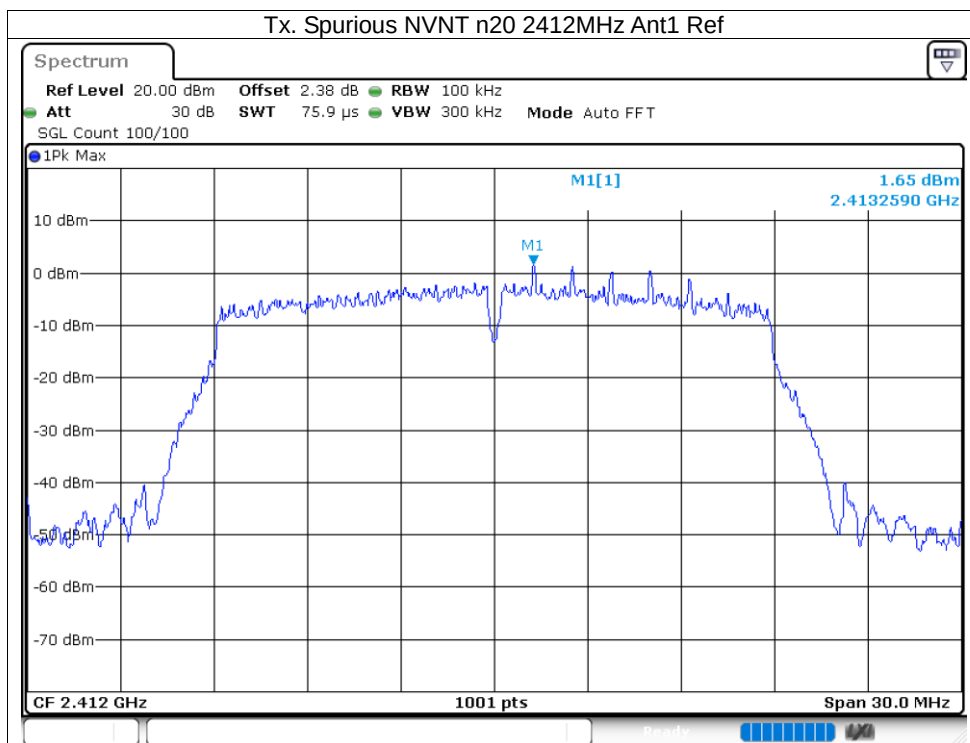


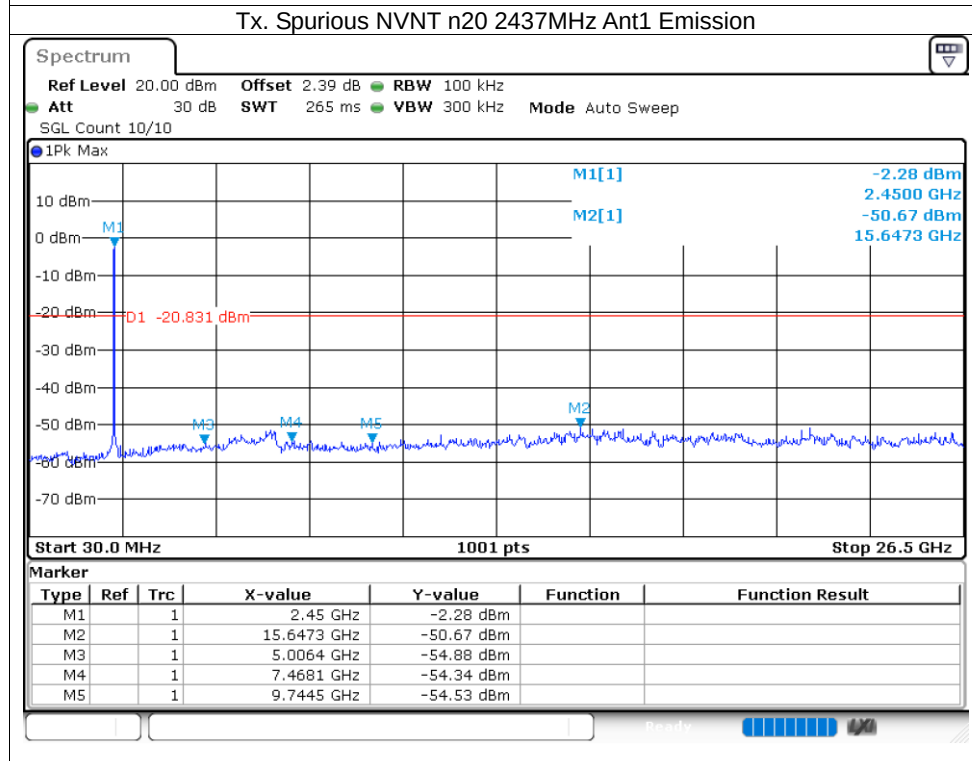
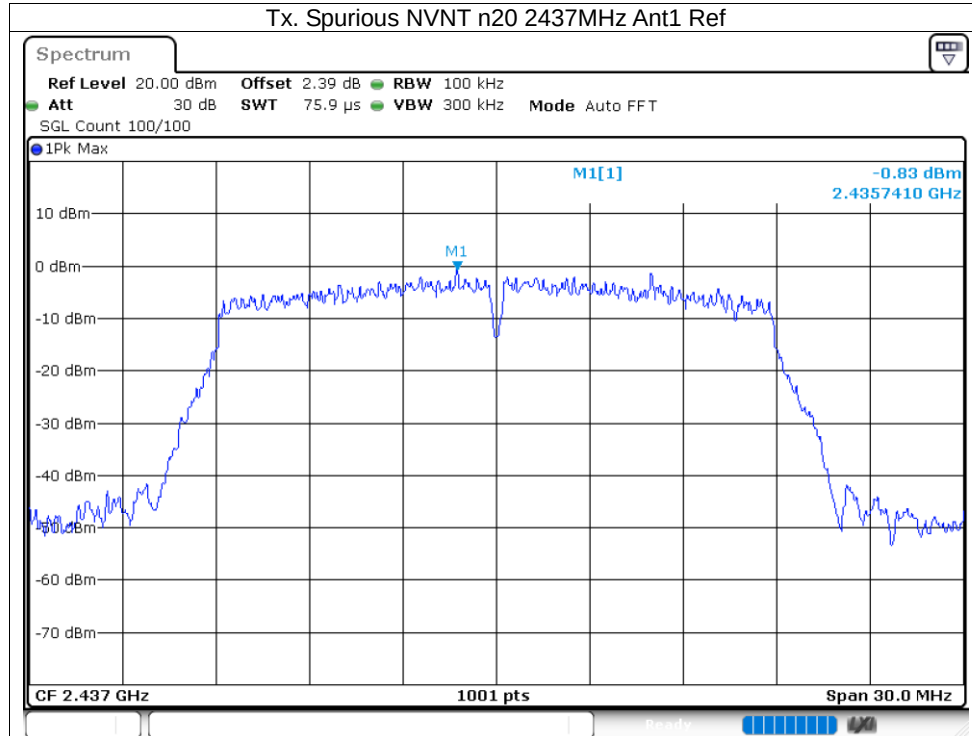


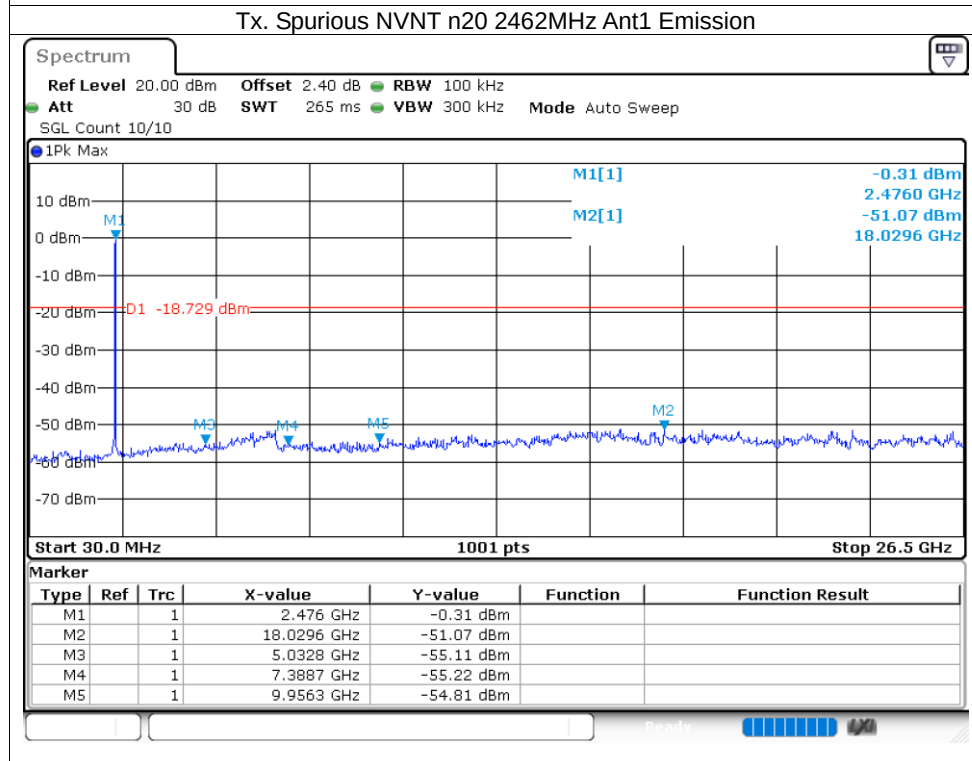
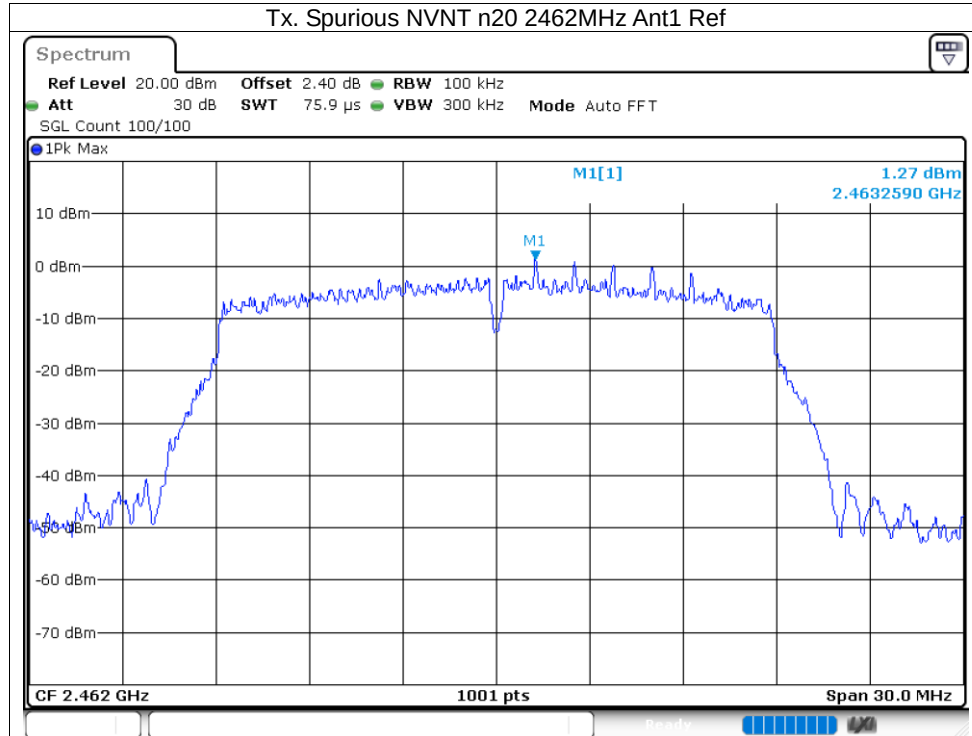


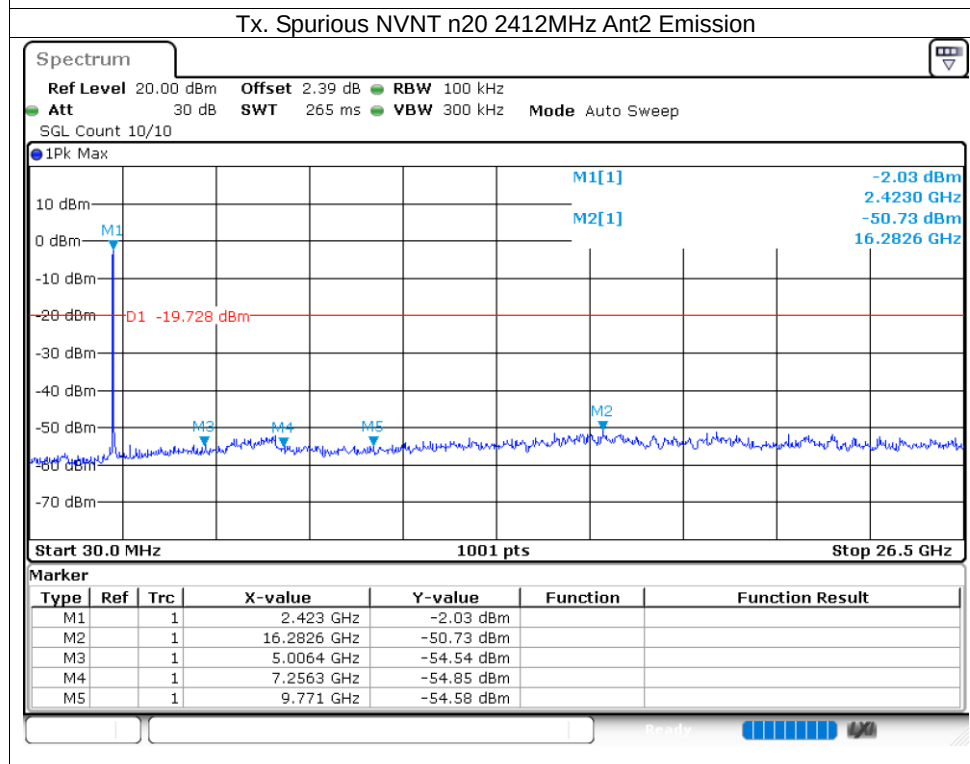
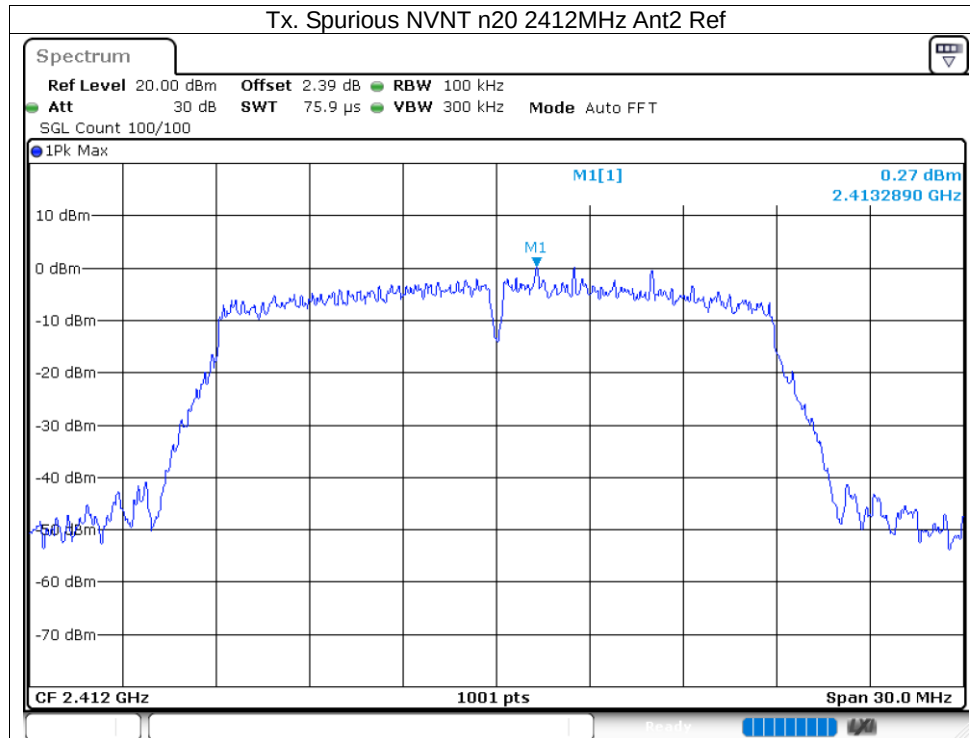


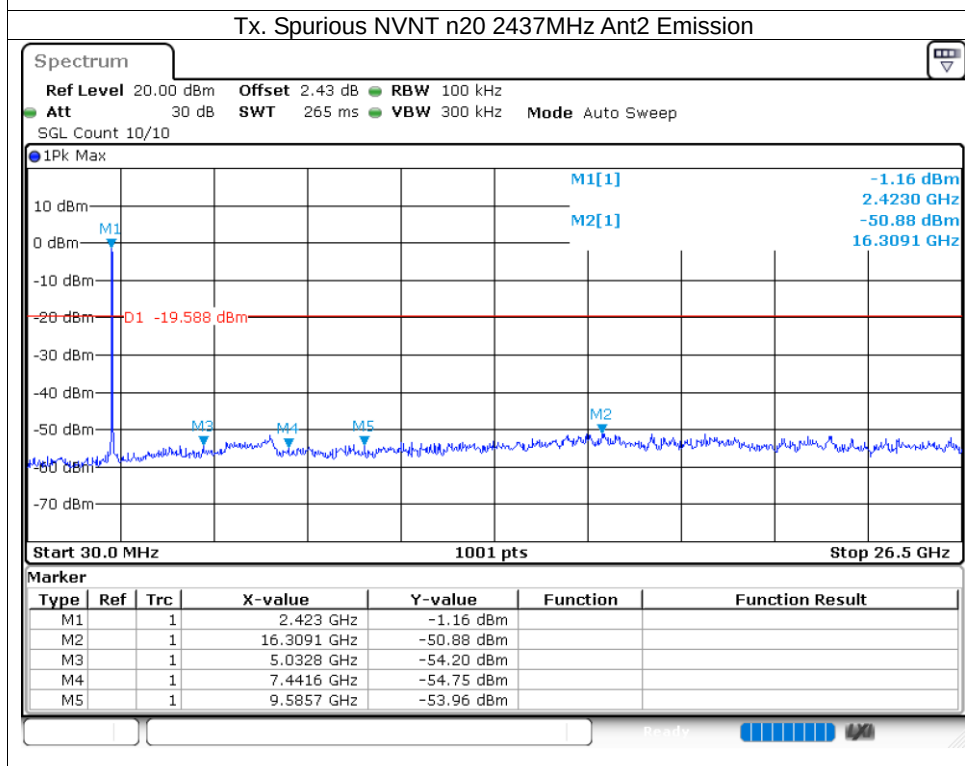
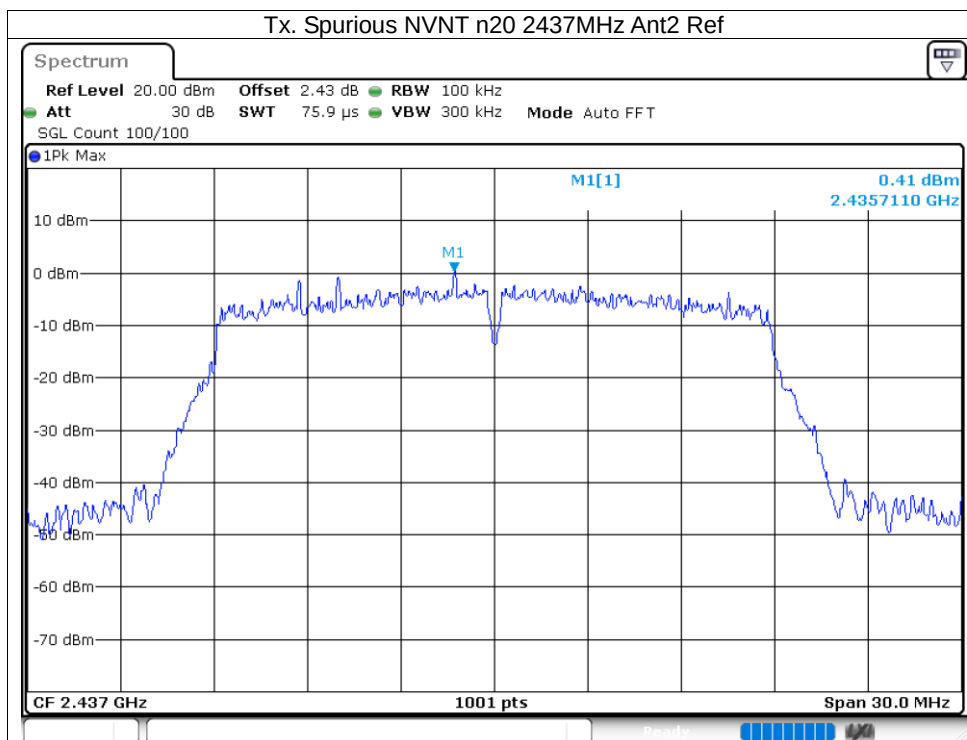


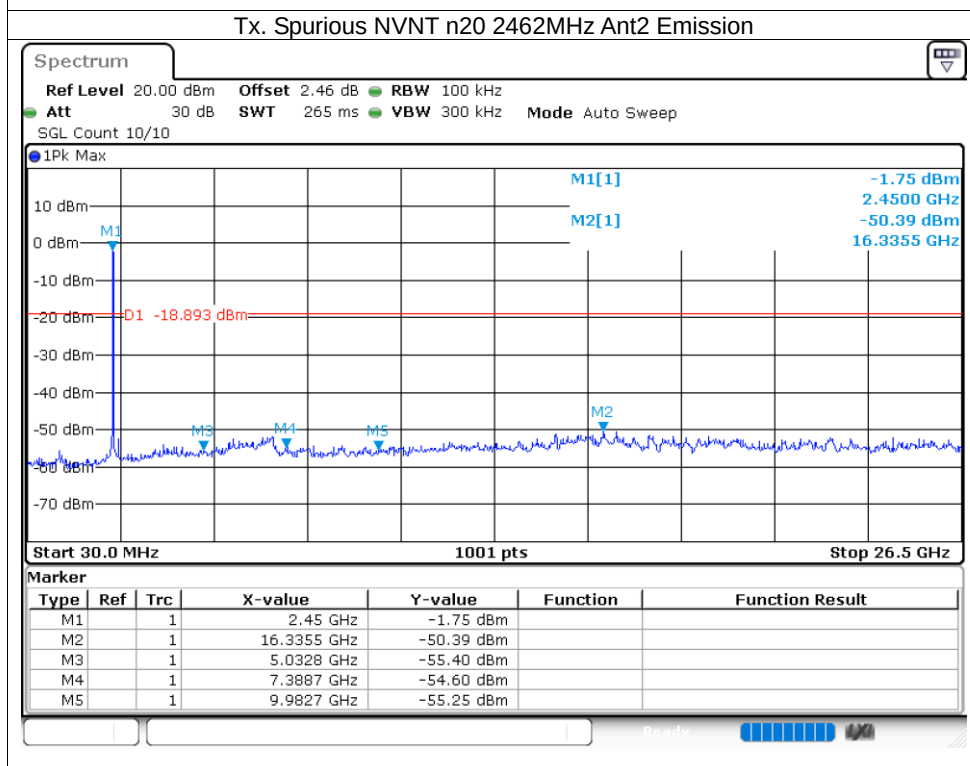
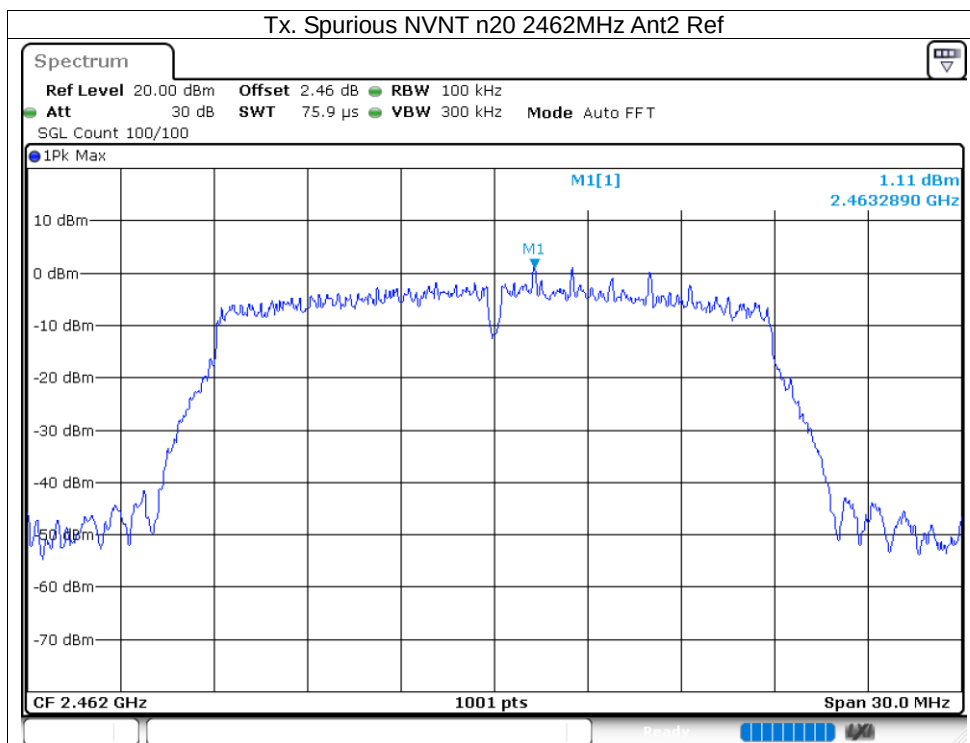


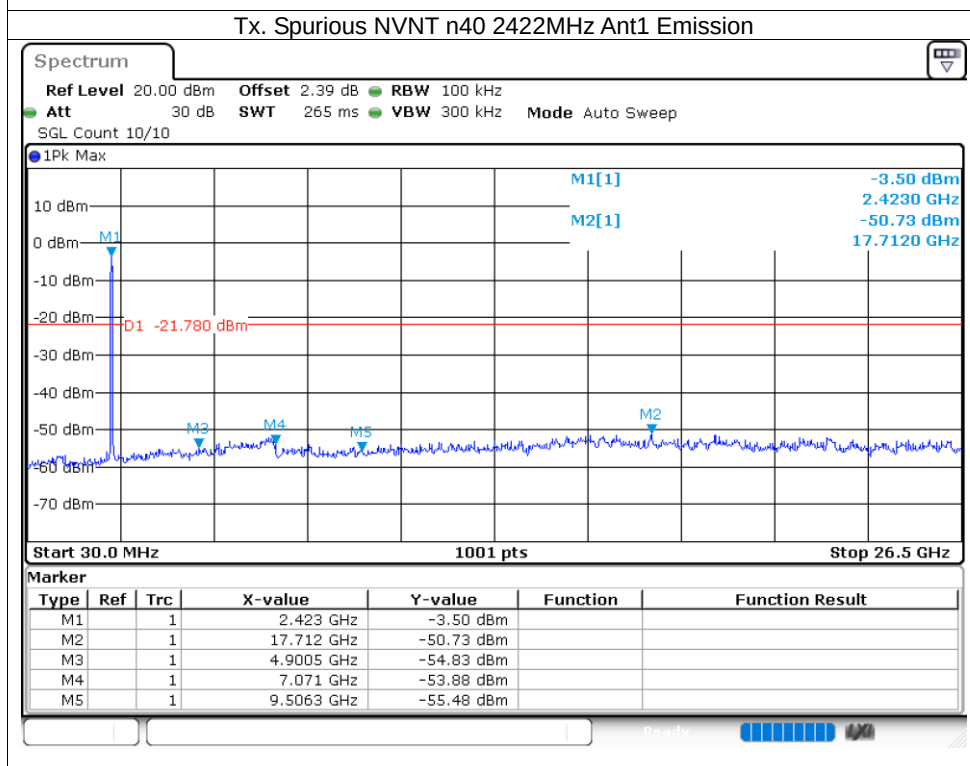
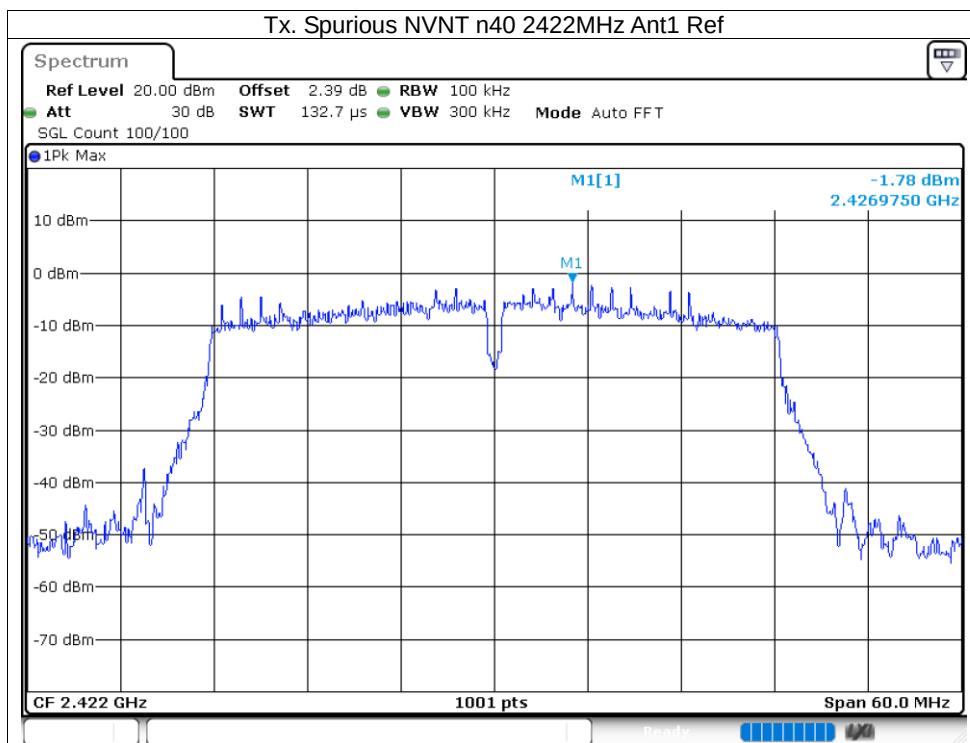


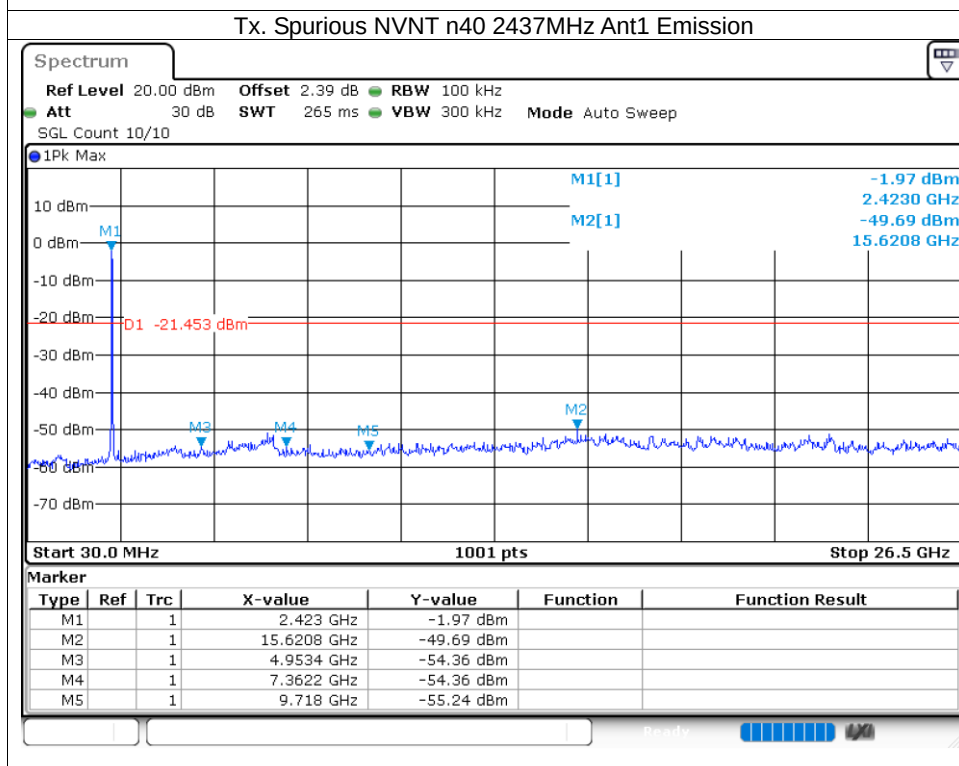
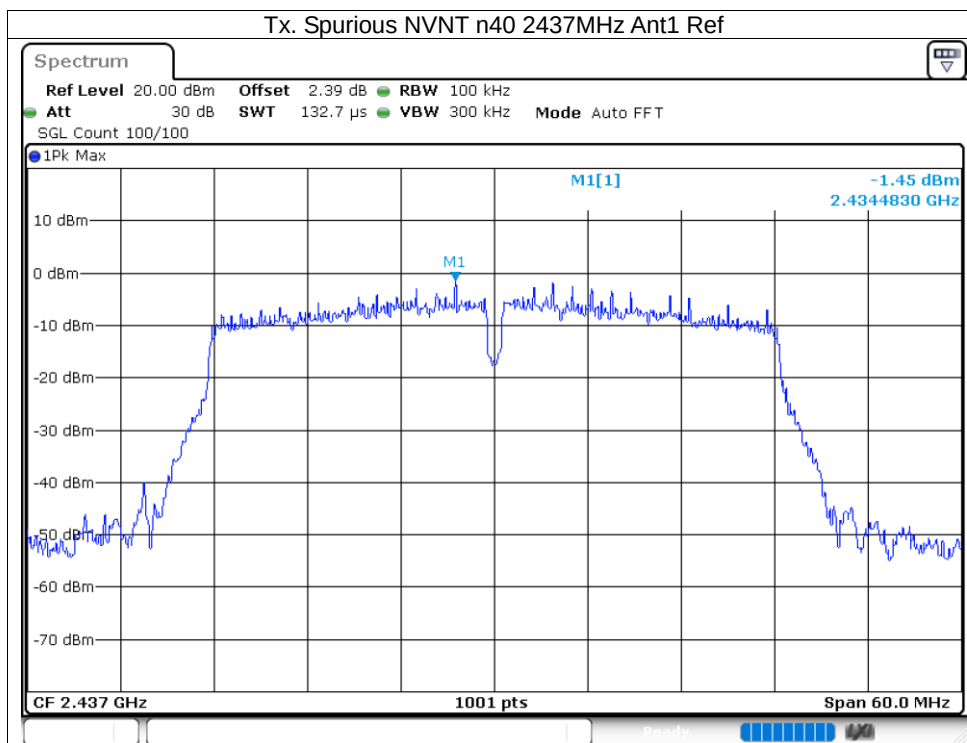


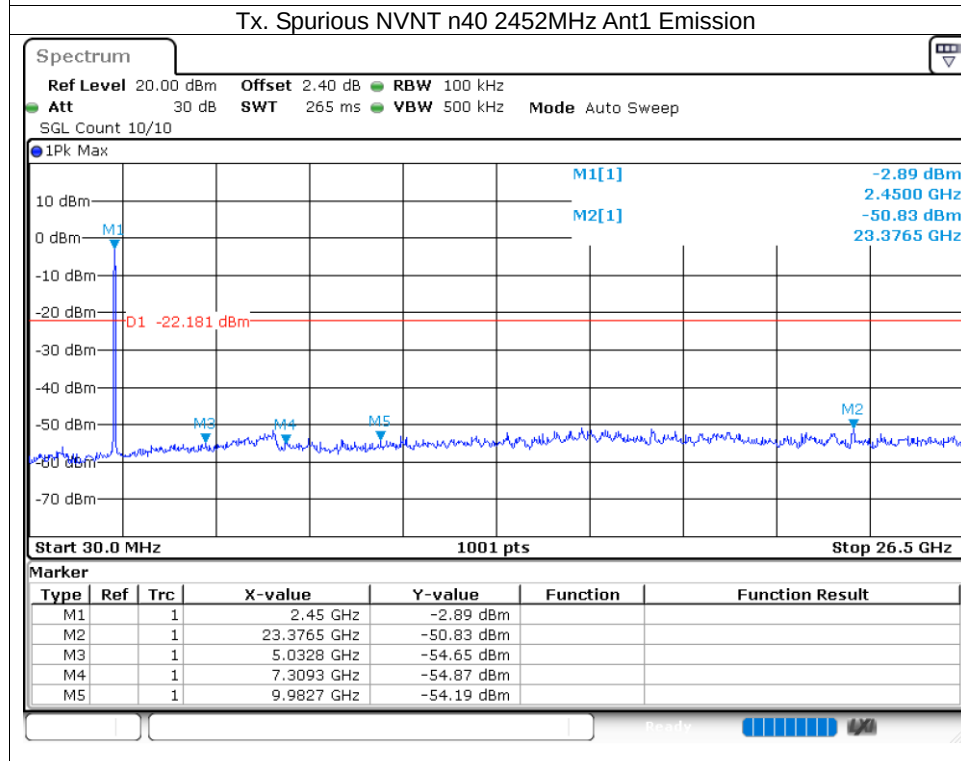
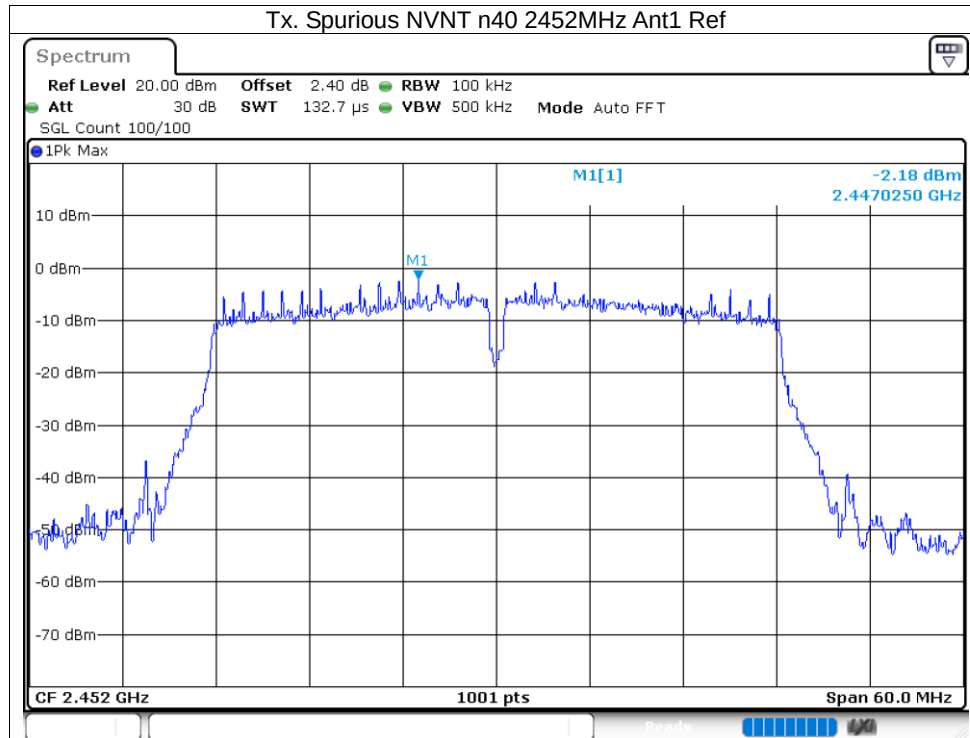


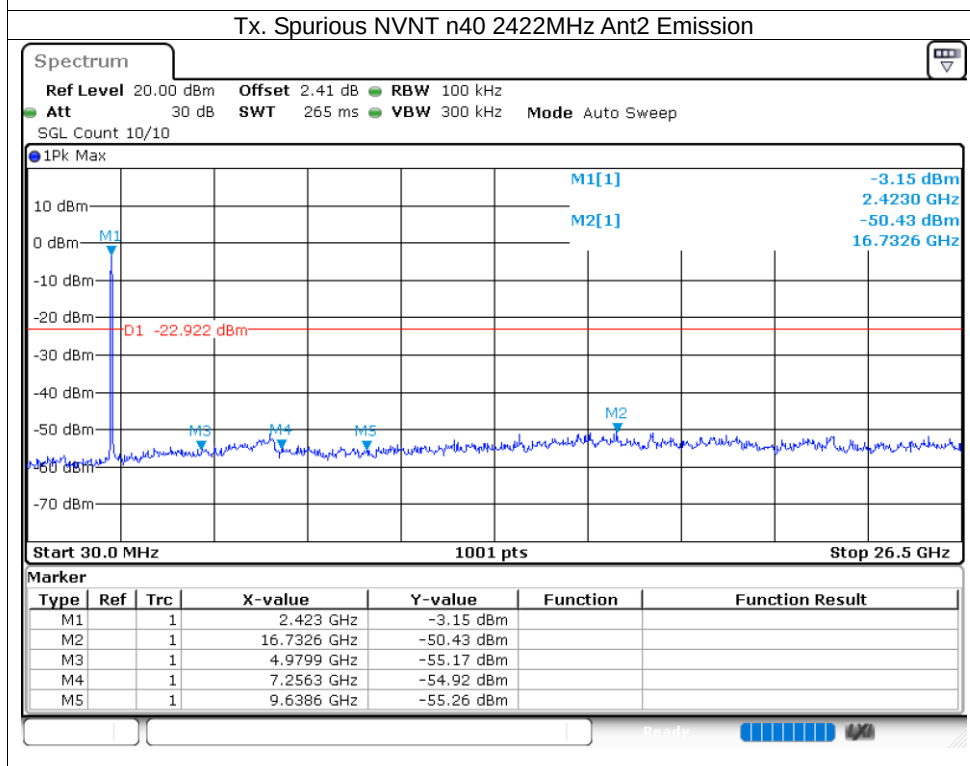
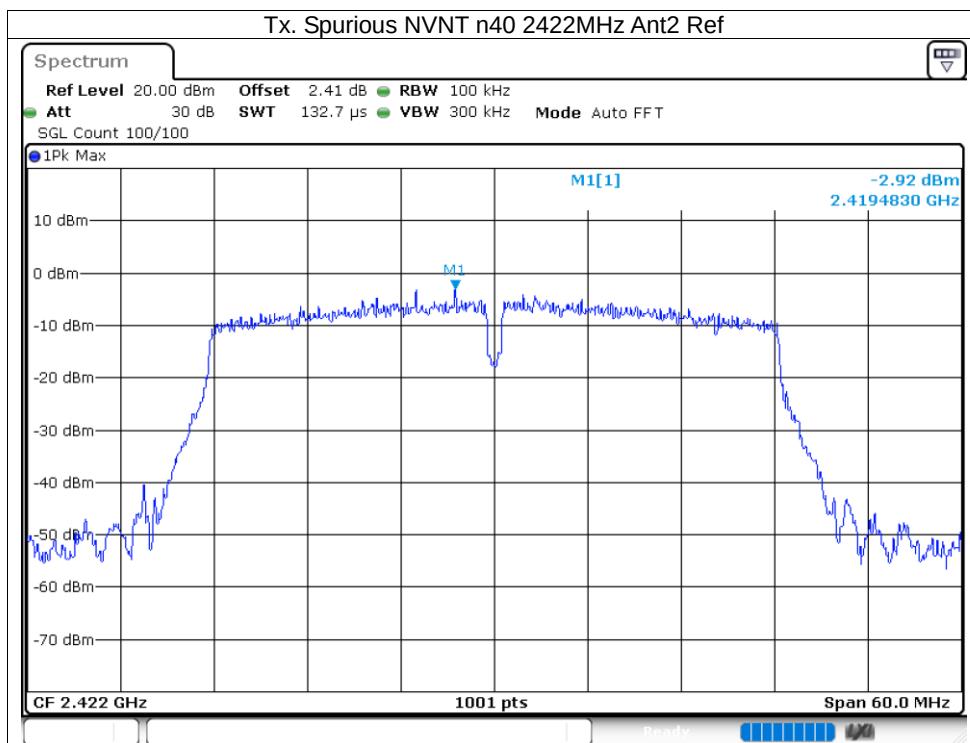


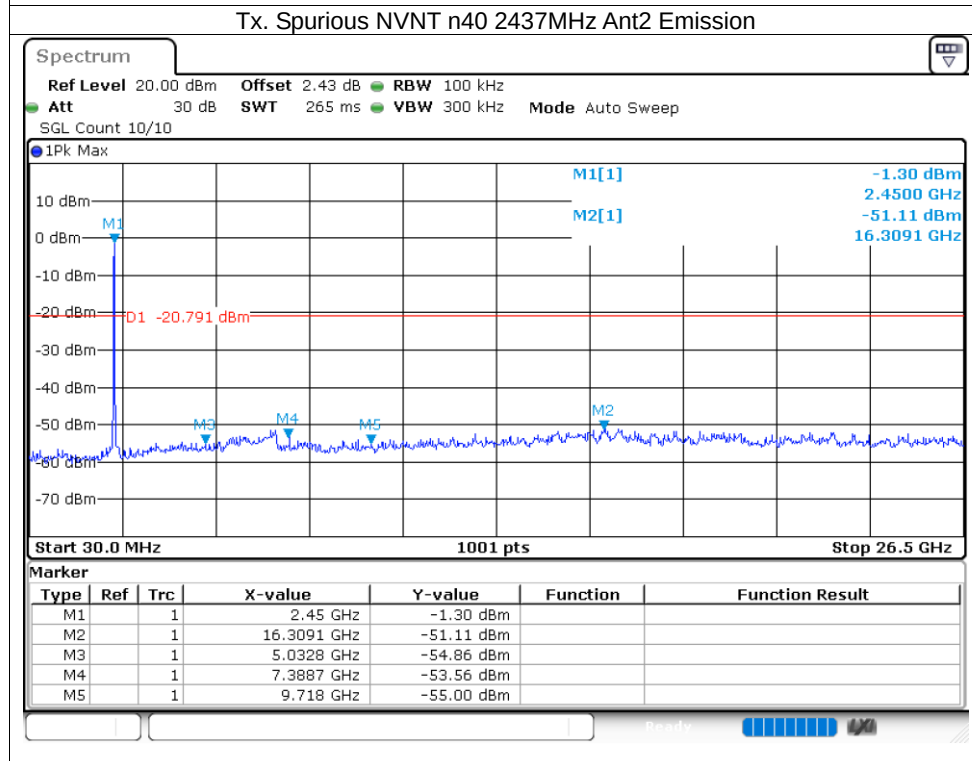
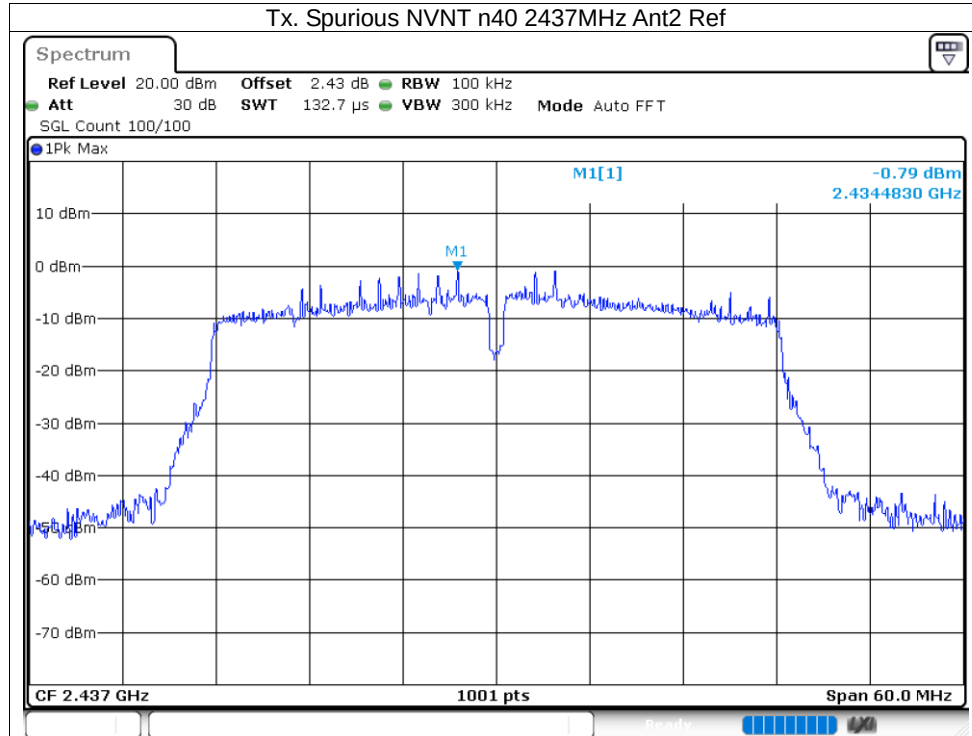


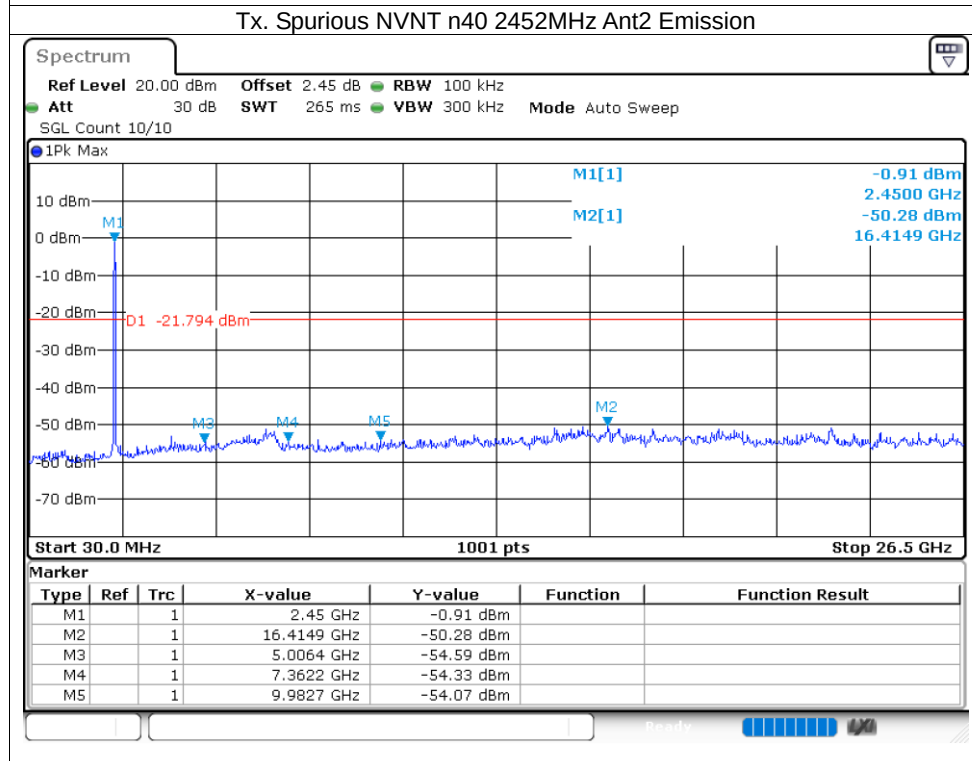
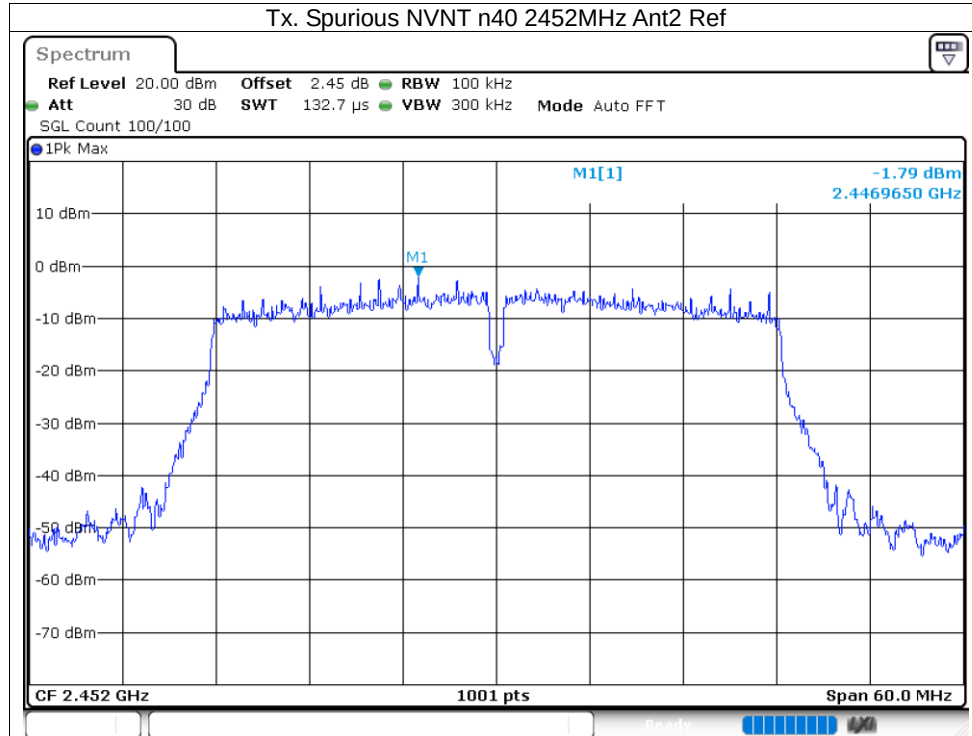












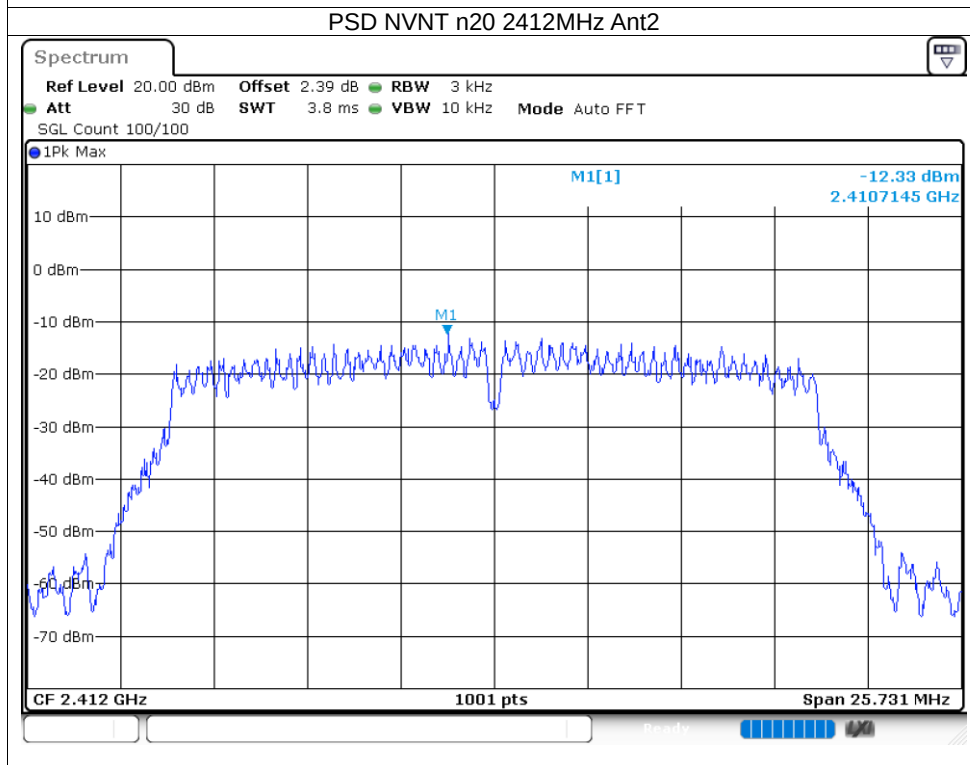
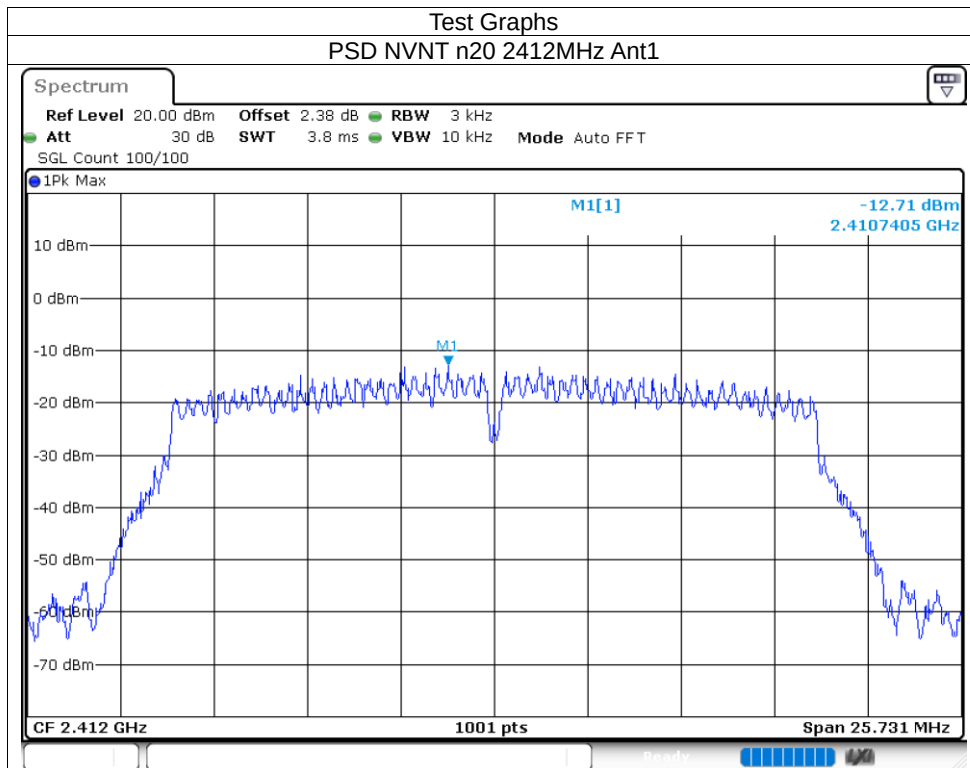
8.2.2.4G WIFI MIMO

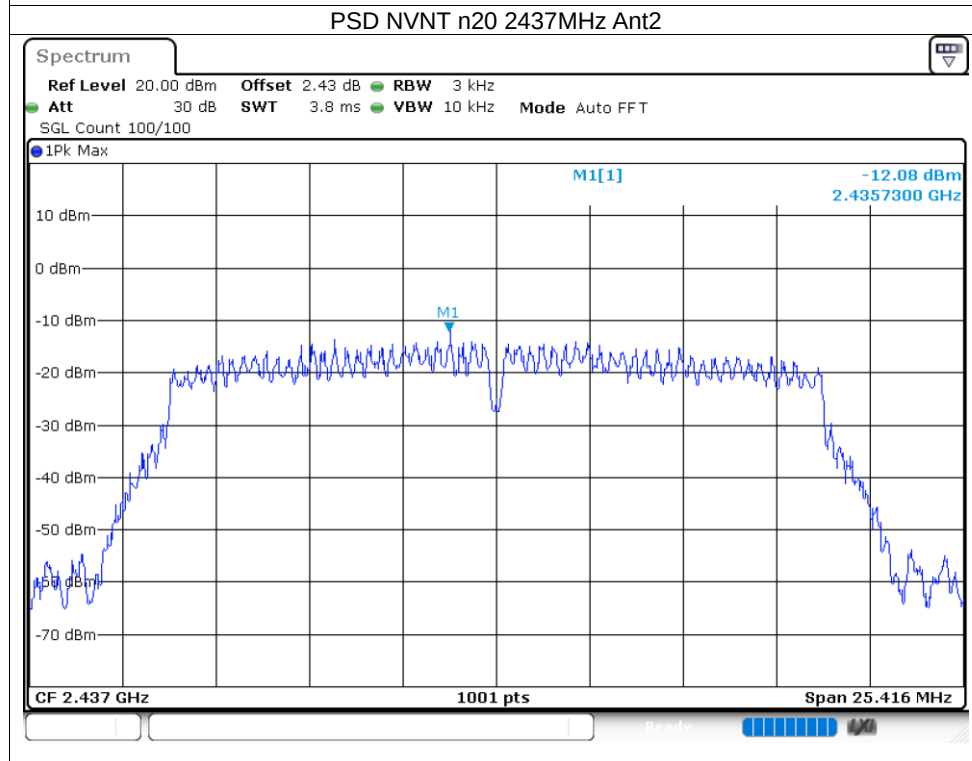
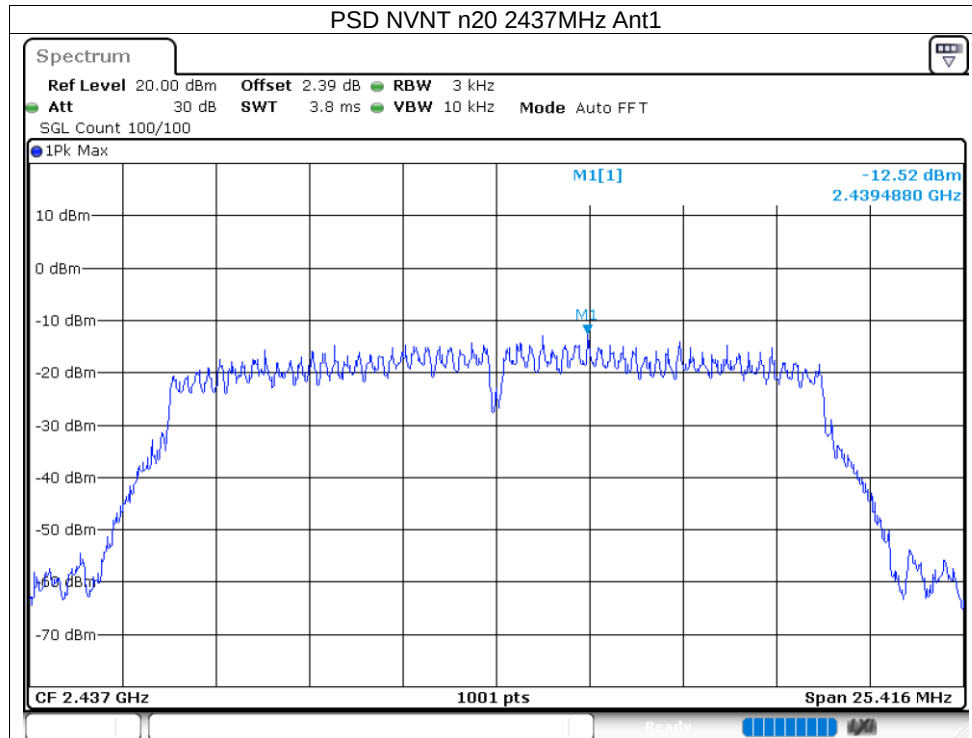
8.2.1 Maximum Conducted Output Power

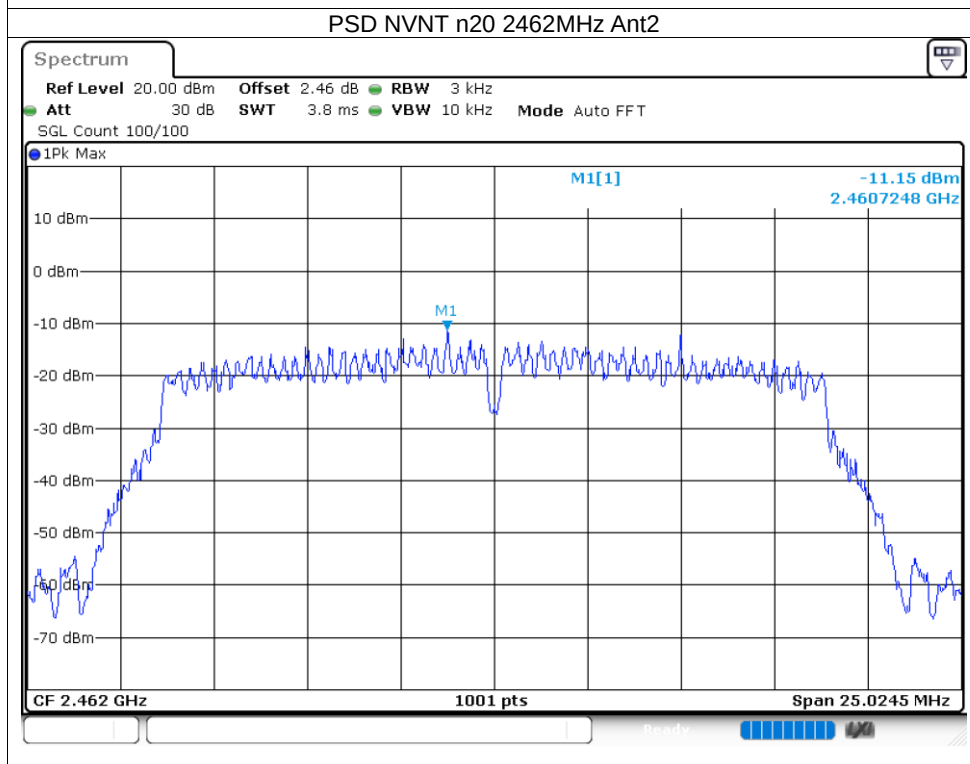
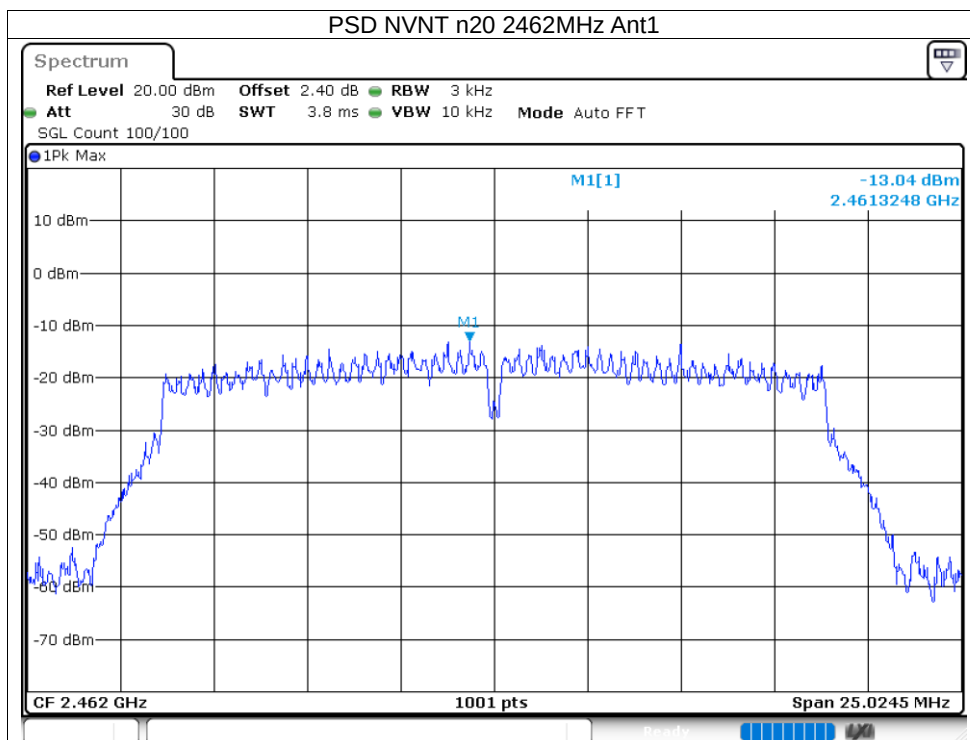
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	n20	2412	Ant1	13.33	30	Pass
NVNT	n20	2412	Ant2	13.64	30	Pass
NVNT	n20	2412	Sum	16.5	30	Pass
NVNT	n20	2437	Ant1	13.1	30	Pass
NVNT	n20	2437	Ant2	13.69	30	Pass
NVNT	n20	2437	Sum	16.42	30	Pass
NVNT	n20	2462	Ant1	13.26	30	Pass
NVNT	n20	2462	Ant2	13.72	30	Pass
NVNT	n20	2462	Sum	16.51	30	Pass
NVNT	n40	2422	Ant1	12.39	30	Pass
NVNT	n40	2422	Ant2	12.61	30	Pass
NVNT	n40	2422	Sum	15.51	30	Pass
NVNT	n40	2437	Ant1	12.48	30	Pass
NVNT	n40	2437	Ant2	12.56	30	Pass
NVNT	n40	2437	Sum	15.53	30	Pass
NVNT	n40	2452	Ant1	12.33	30	Pass
NVNT	n40	2452	Ant2	12.64	30	Pass
NVNT	n40	2452	Sum	15.5	30	Pass

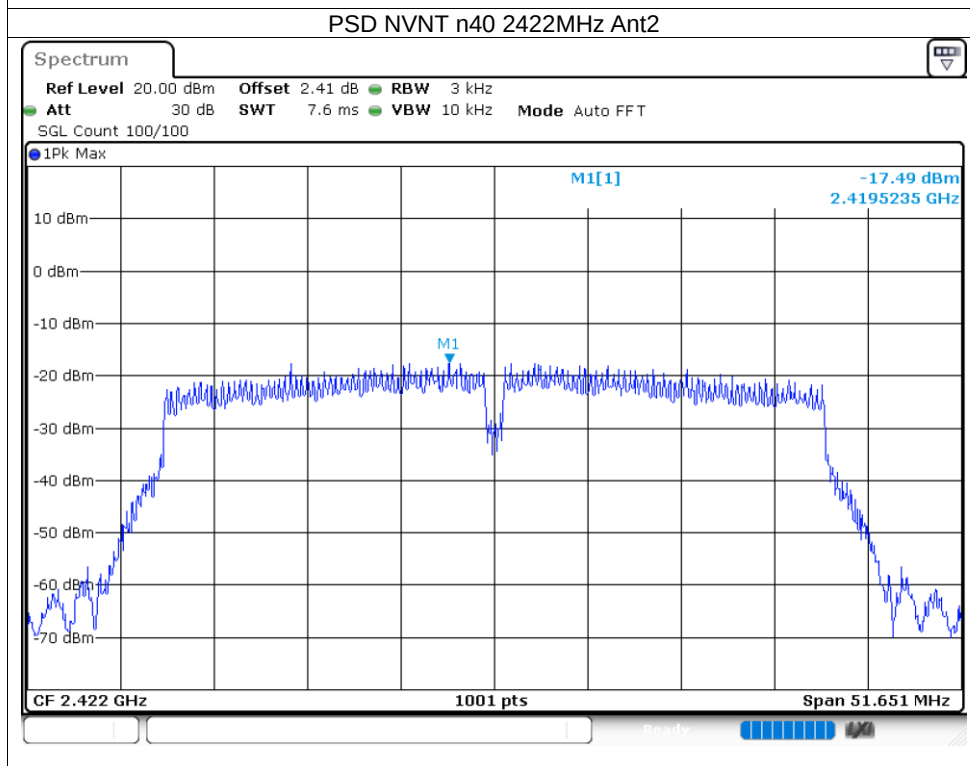
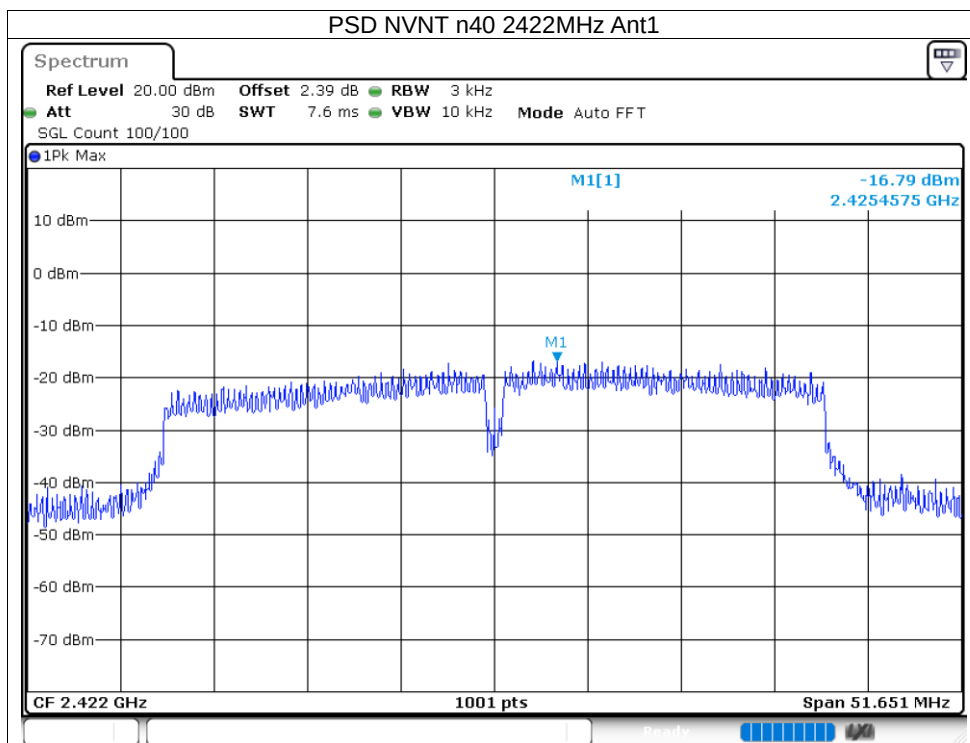
8.2.2 Maximum Power Spectral Density Level

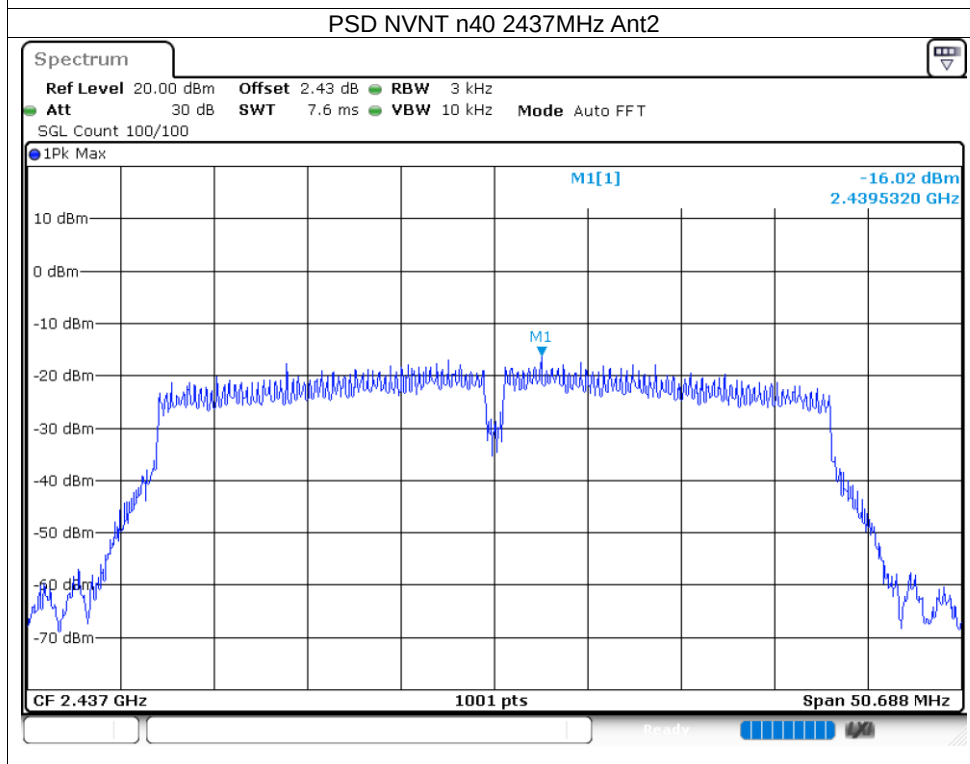
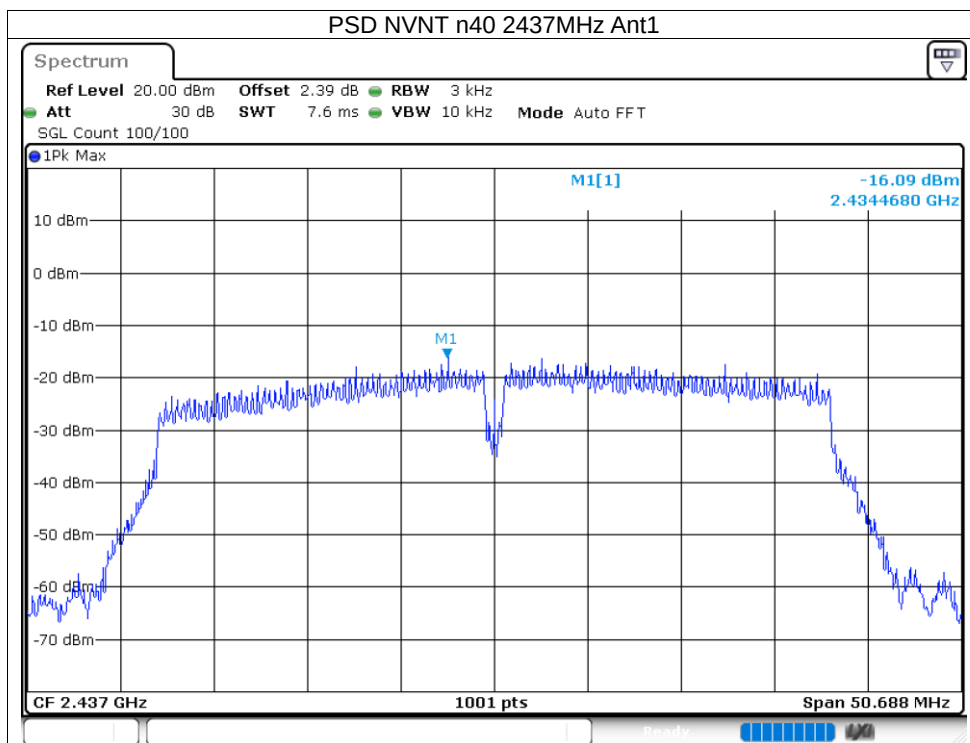
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	n20	2412	Ant1	-12.71	8	Pass
NVNT	n20	2412	Ant2	-12.33	8	Pass
NVNT	n20	2412	Sum	-9.51	8	Pass
NVNT	n20	2437	Ant1	-12.52	8	Pass
NVNT	n20	2437	Ant2	-12.08	8	Pass
NVNT	n20	2437	Sum	-9.28	8	Pass
NVNT	n20	2462	Ant1	-13.04	8	Pass
NVNT	n20	2462	Ant2	-11.15	8	Pass
NVNT	n20	2462	Sum	-8.98	8	Pass
NVNT	n40	2422	Ant1	-16.79	8	Pass
NVNT	n40	2422	Ant2	-17.49	8	Pass
NVNT	n40	2422	Sum	-14.12	8	Pass
NVNT	n40	2437	Ant1	-16.09	8	Pass
NVNT	n40	2437	Ant2	-16.02	8	Pass
NVNT	n40	2437	Sum	-13.04	8	Pass
NVNT	n40	2452	Ant1	-16.4	8	Pass
NVNT	n40	2452	Ant2	-16.94	8	Pass
NVNT	n40	2452	Sum	-13.65	8	Pass

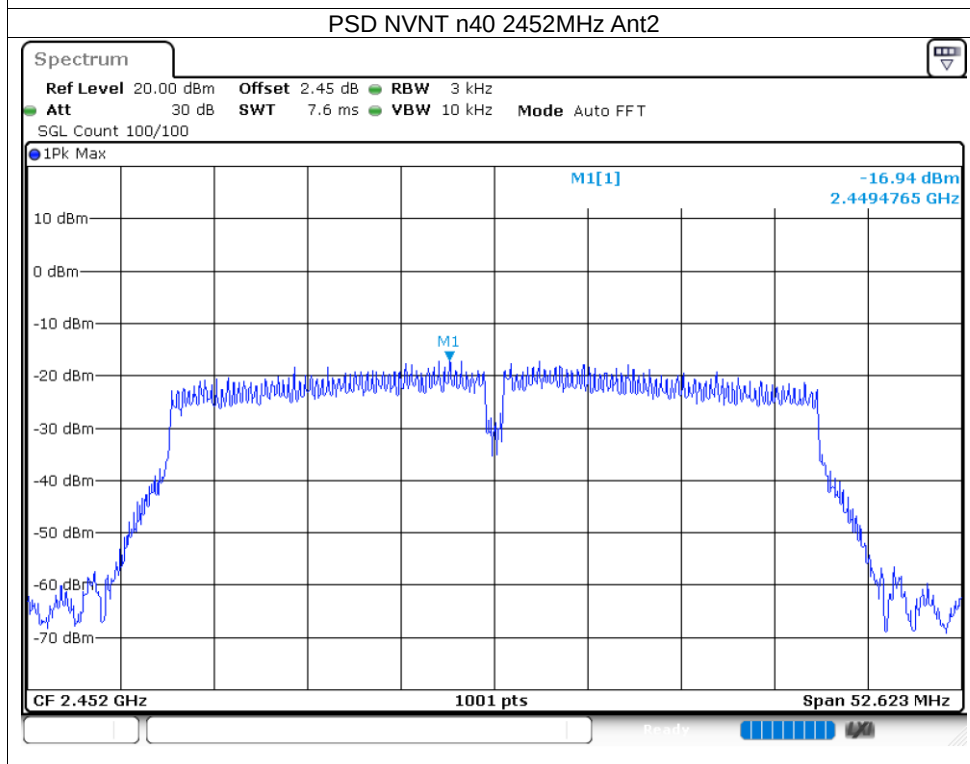
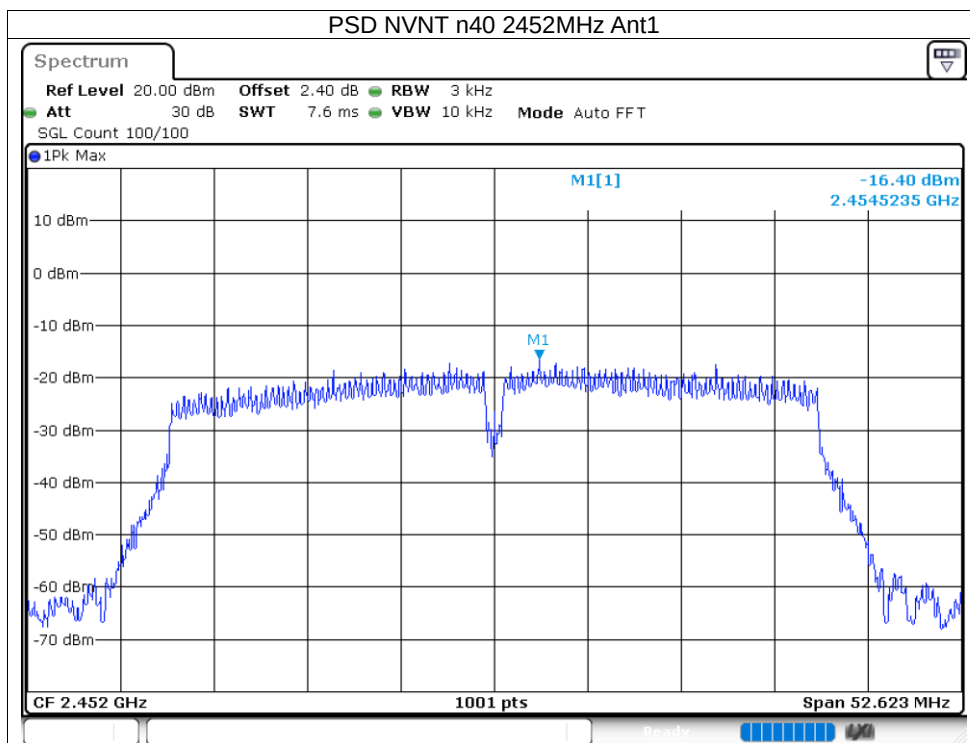






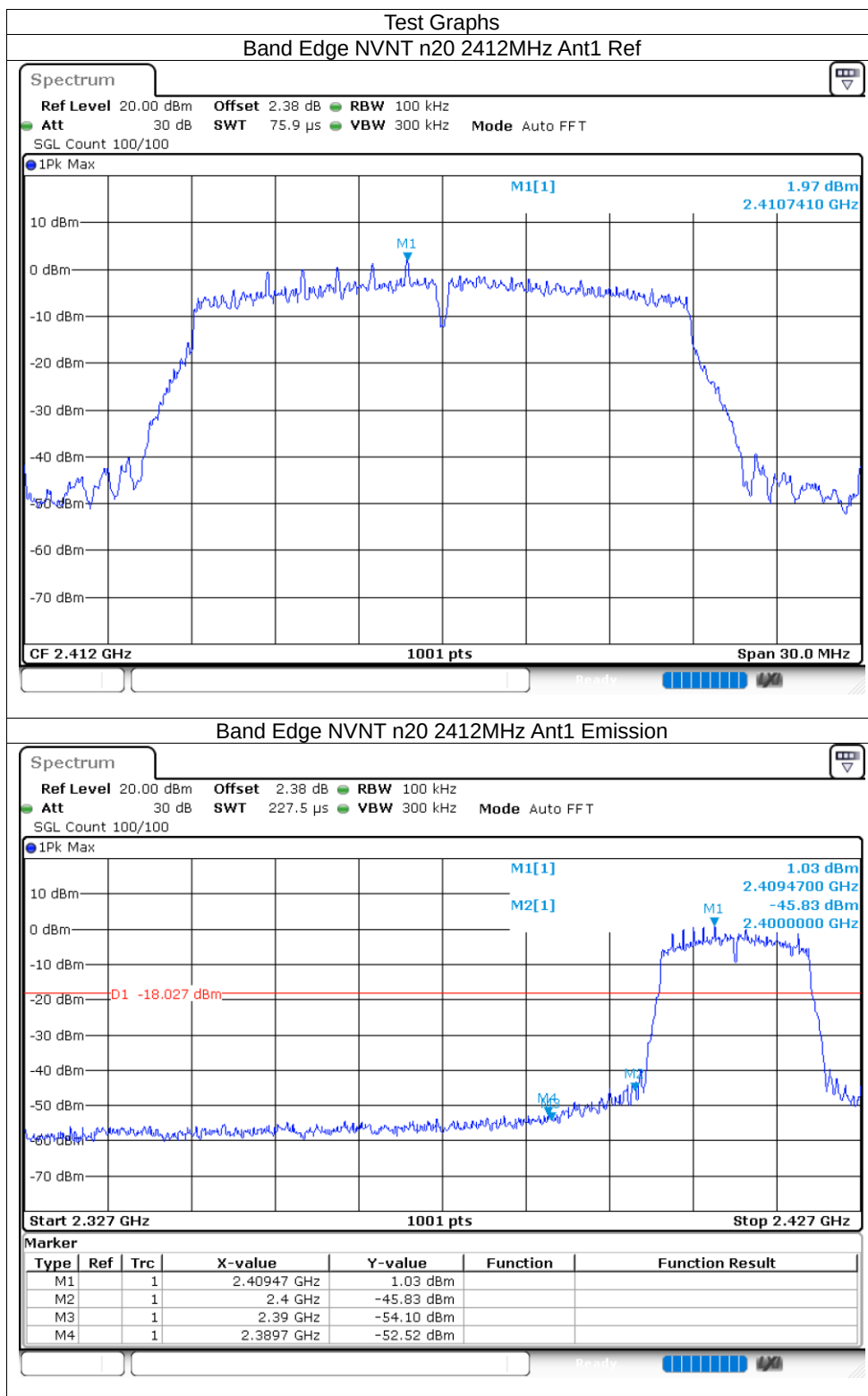


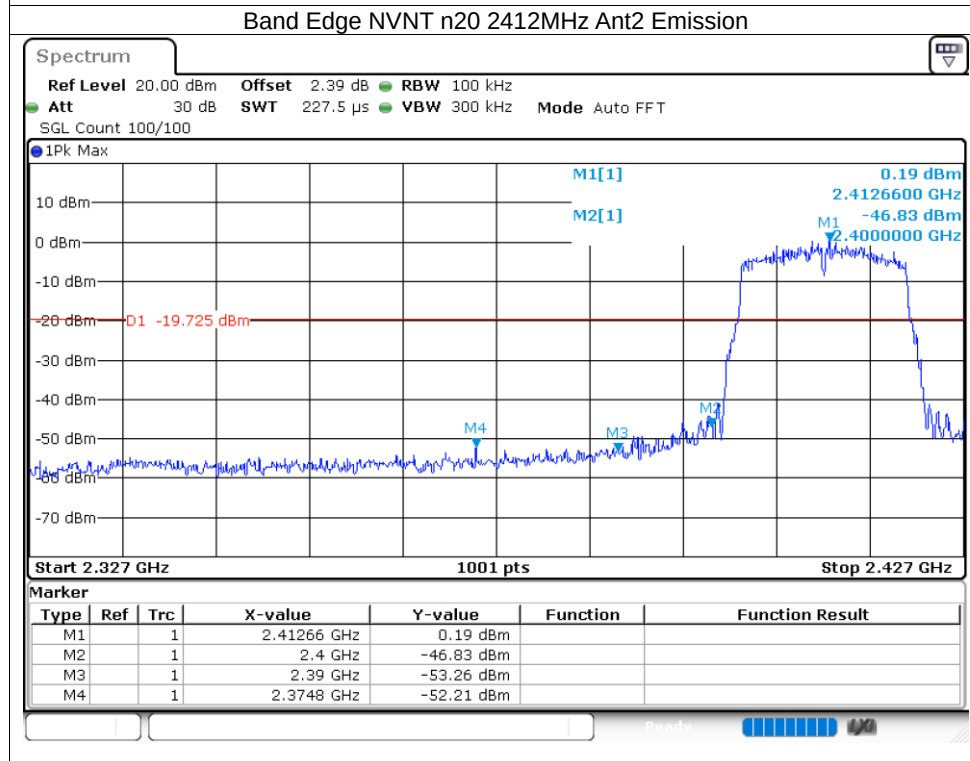
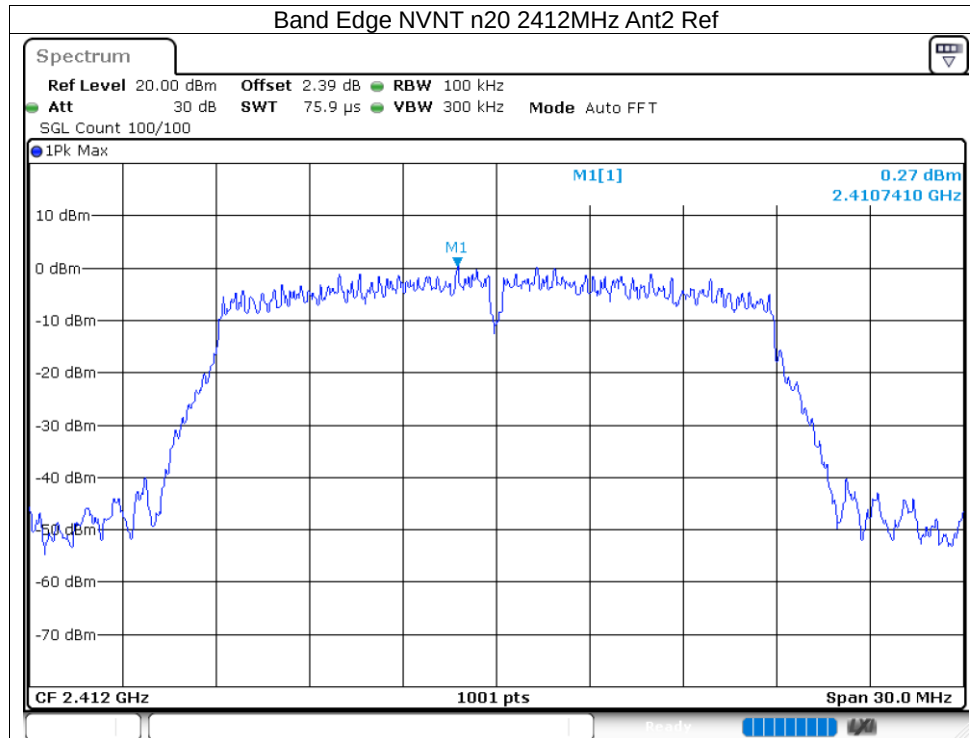


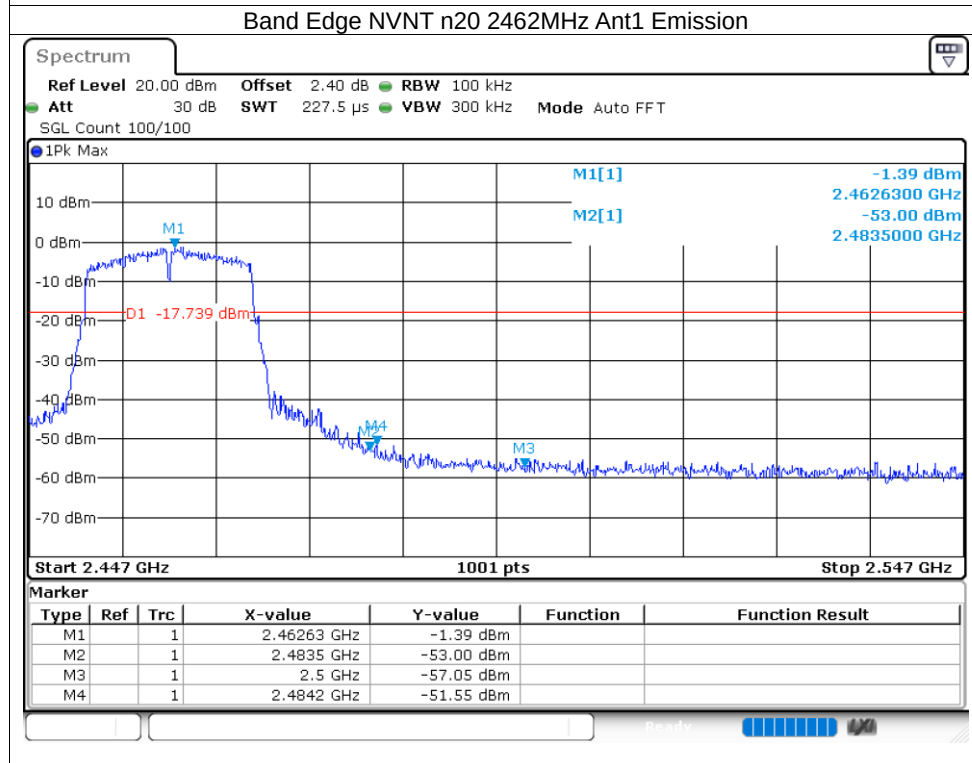
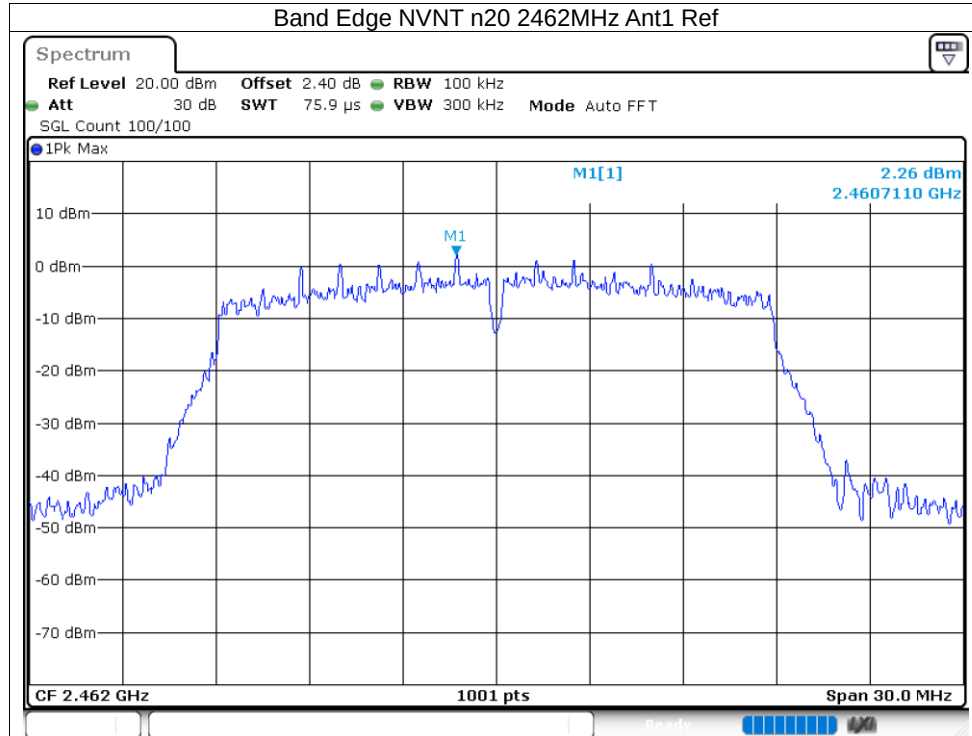


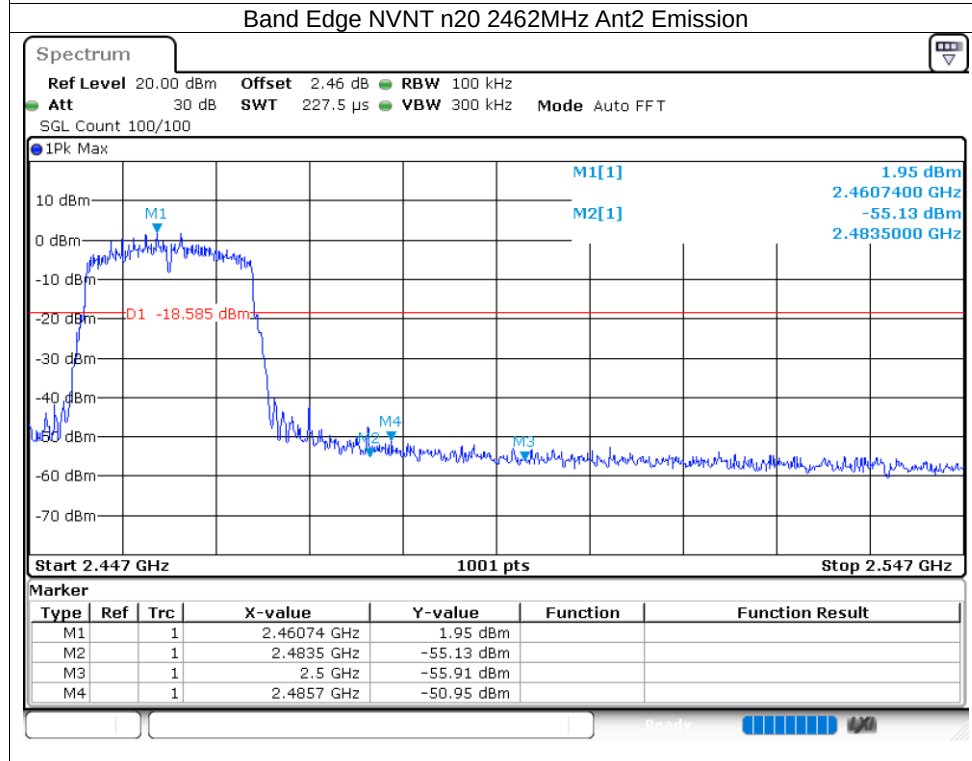
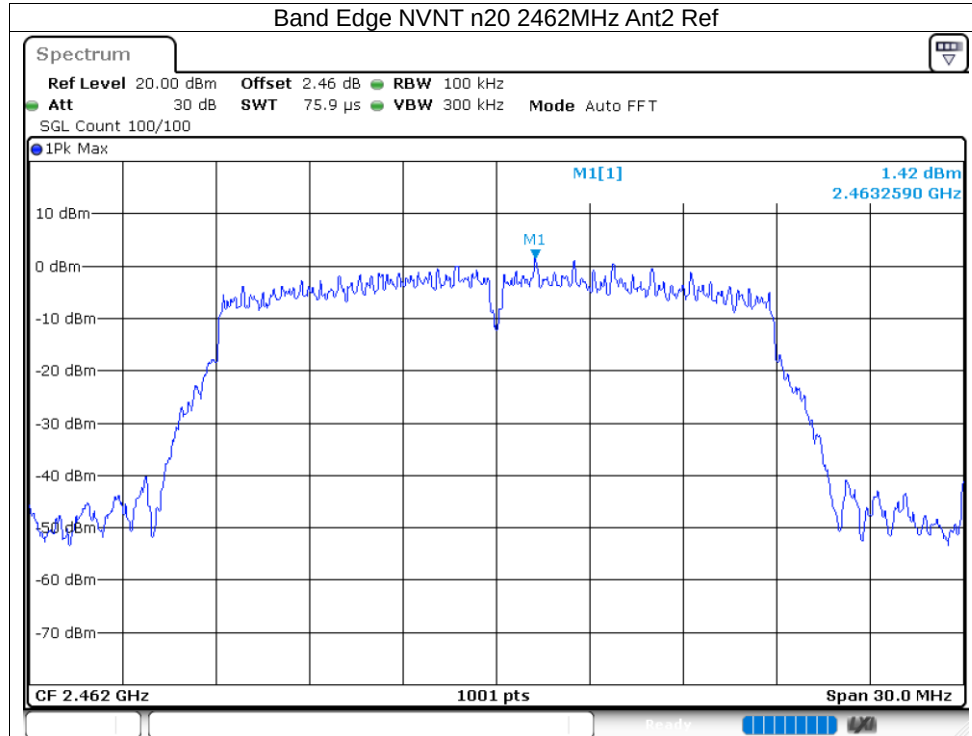
8.2.3 Band Edge

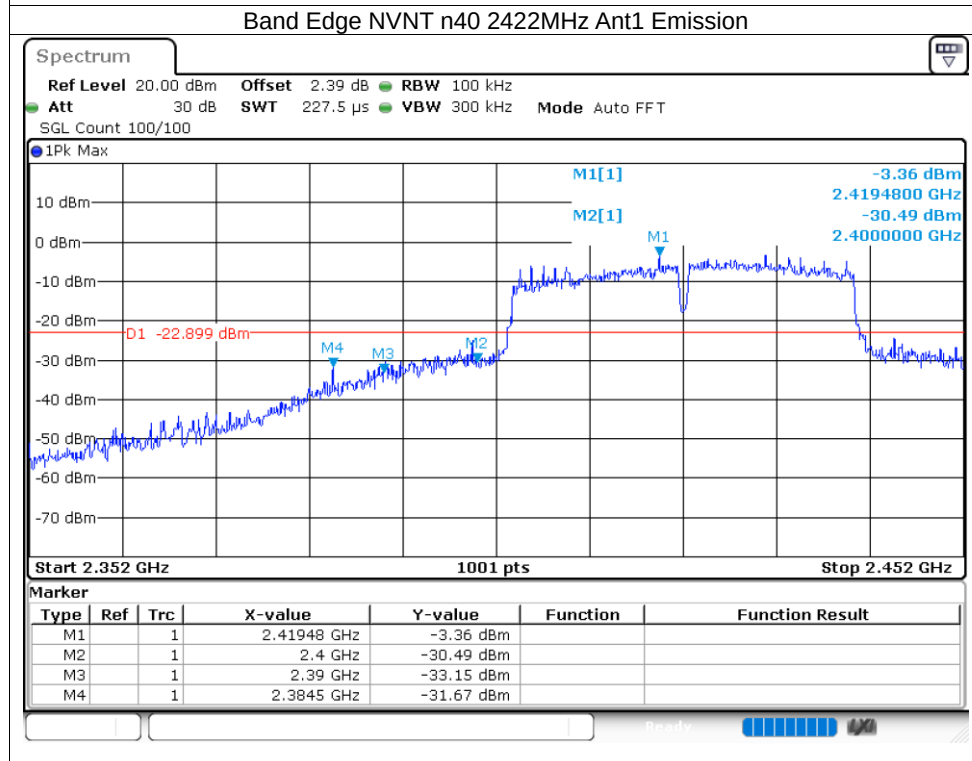
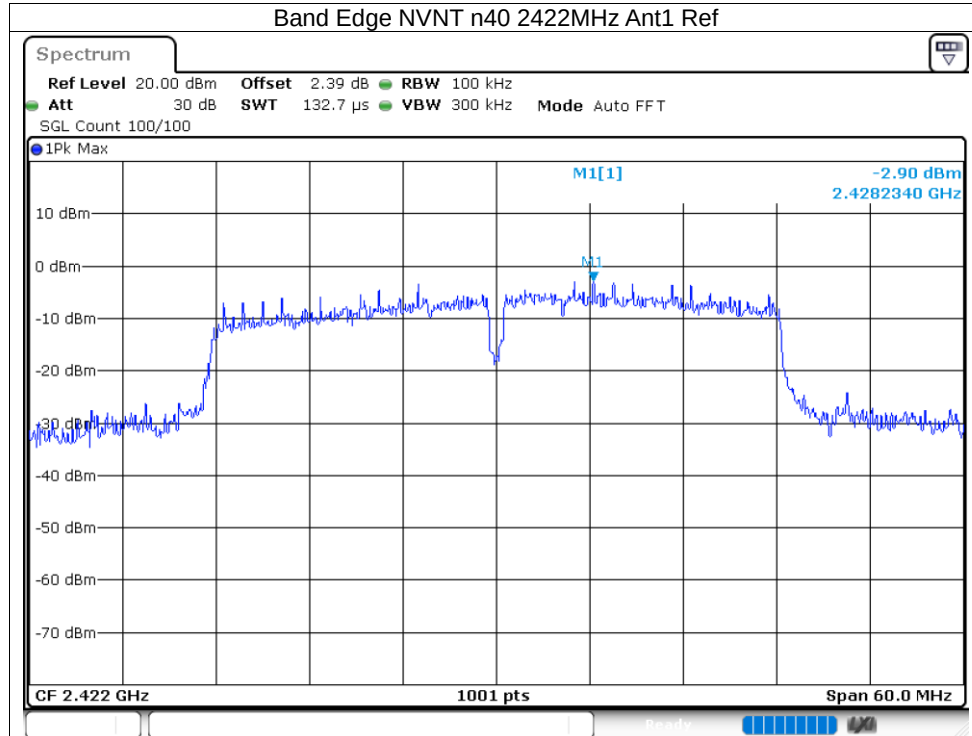
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	n20	2412	Ant1	-54.49	-20	Pass
NVNT	n20	2412	Ant2	-52.47	-20	Pass
NVNT	n20	2462	Ant1	-53.81	-20	Pass
NVNT	n20	2462	Ant2	-52.36	-20	Pass
NVNT	n40	2422	Ant1	-28.76	-20	Pass
NVNT	n40	2422	Ant2	-50.64	-20	Pass
NVNT	n40	2452	Ant1	-45.8	-20	Pass
NVNT	n40	2452	Ant2	-50.35	-20	Pass

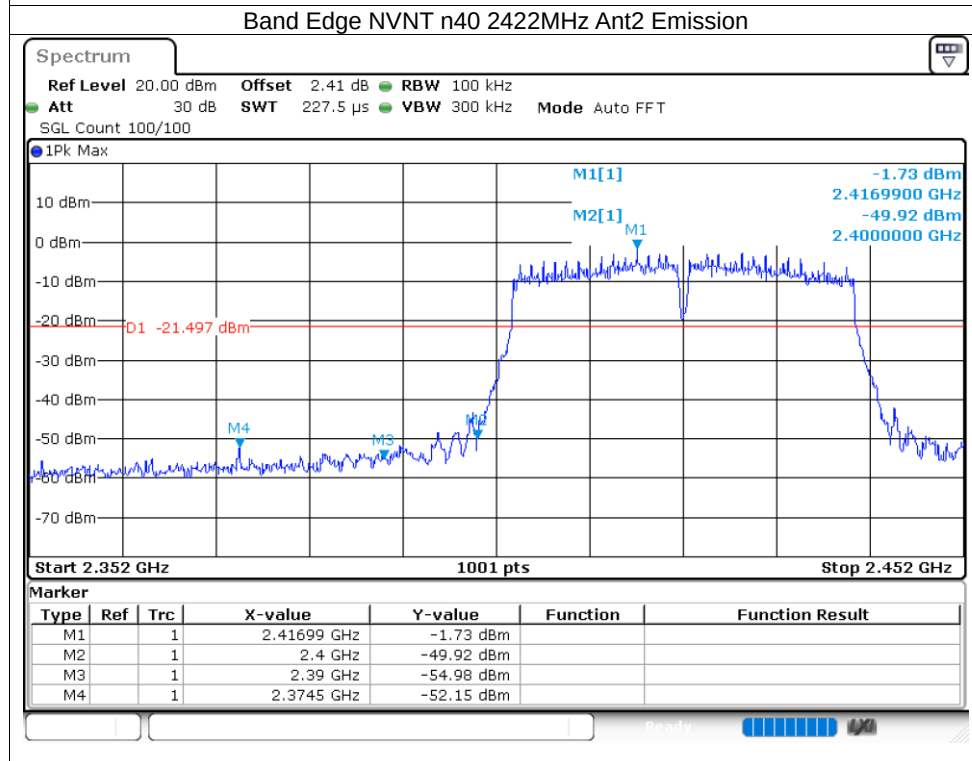
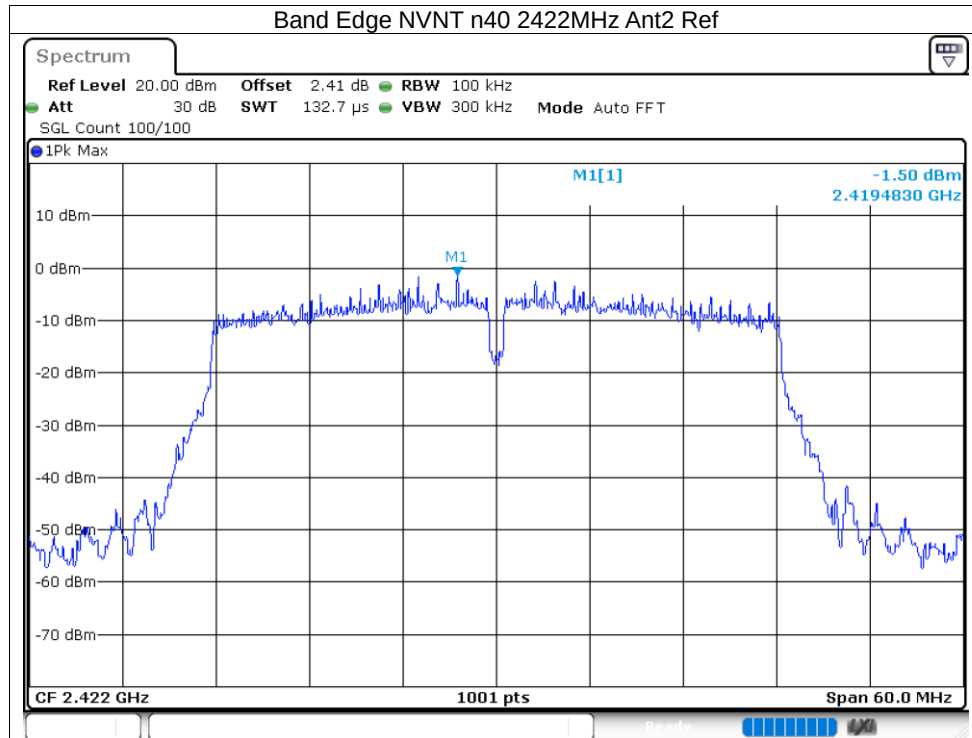


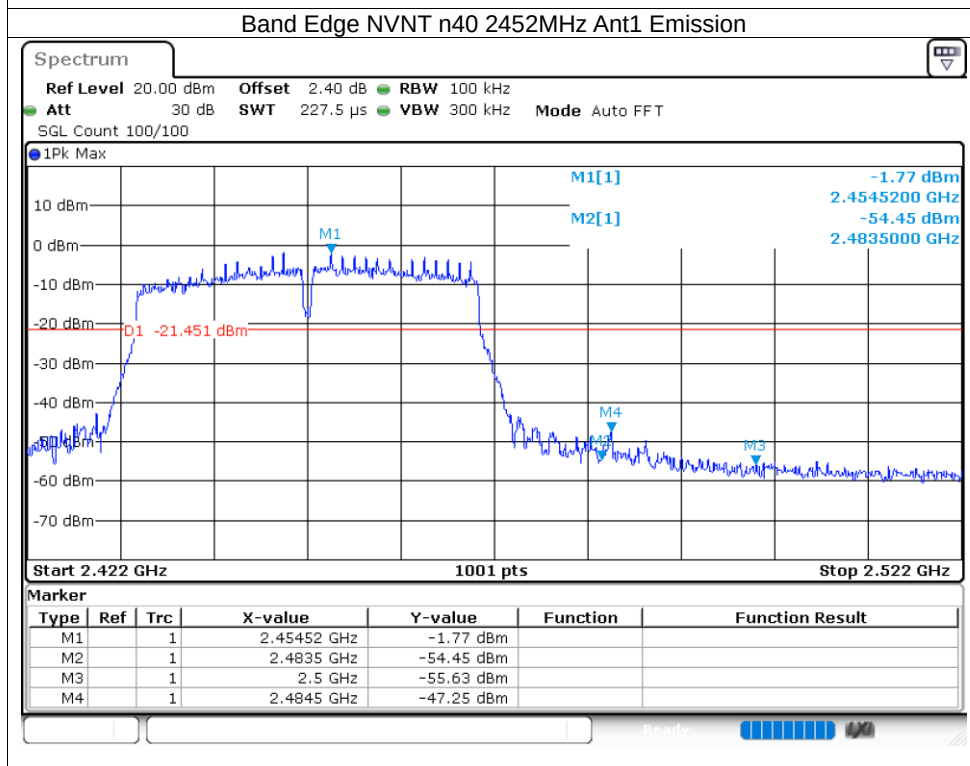
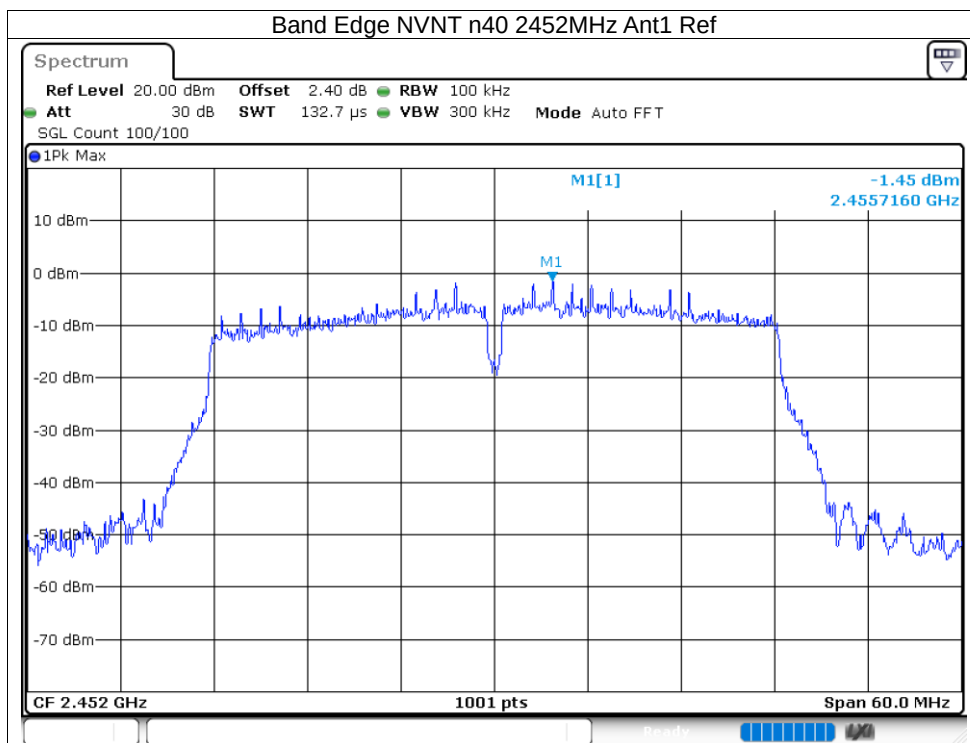


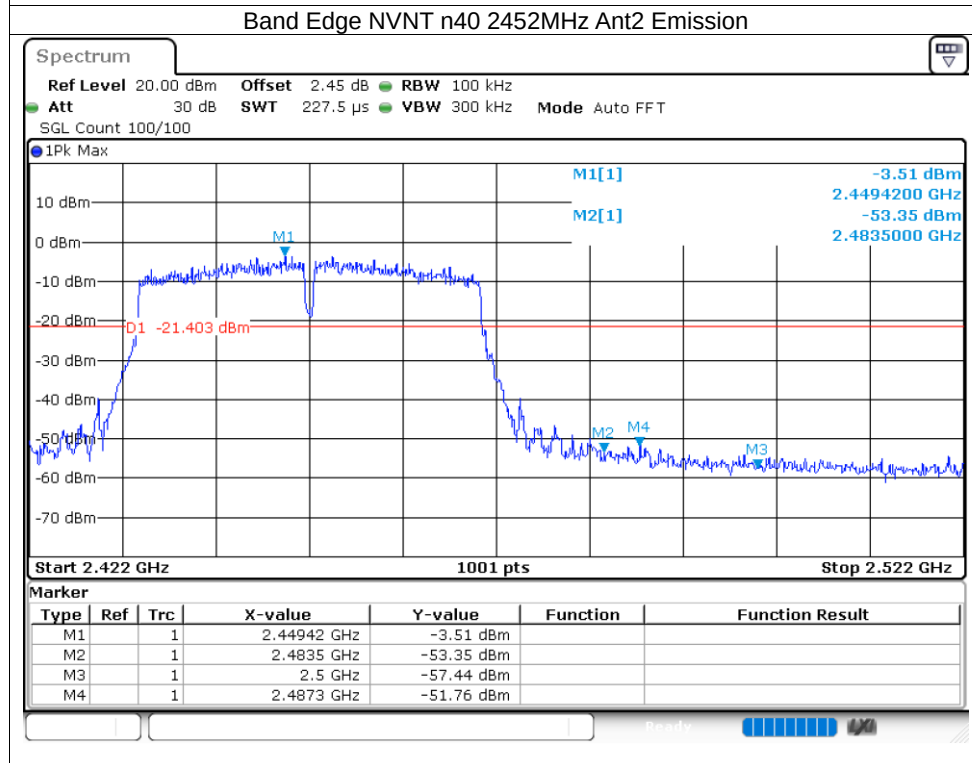
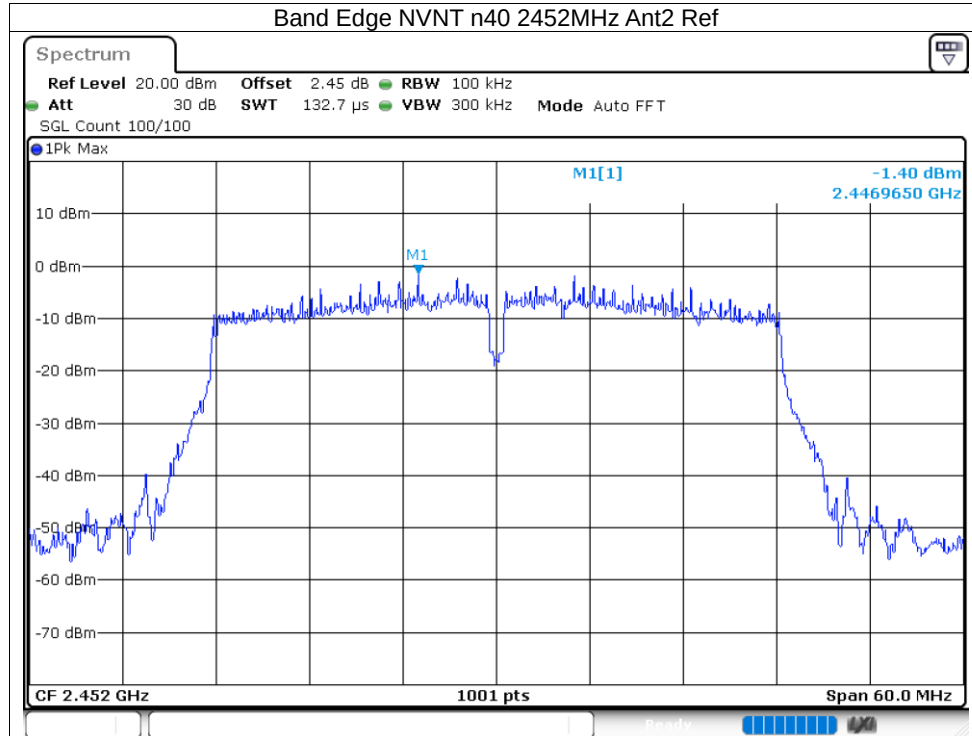












8.2.4 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	n20	2412	Ant1	-49.68	-20	Pass
NVNT	n20	2412	Ant2	-51.39	-20	Pass
NVNT	n20	2437	Ant1	-52.73	-20	Pass
NVNT	n20	2437	Ant2	-50.76	-20	Pass
NVNT	n20	2462	Ant1	-52.6	-20	Pass
NVNT	n20	2462	Ant2	-50.98	-20	Pass
NVNT	n40	2422	Ant1	-48.75	-20	Pass
NVNT	n40	2422	Ant2	-49.72	-20	Pass
NVNT	n40	2437	Ant1	-49.92	-20	Pass
NVNT	n40	2437	Ant2	-49.14	-20	Pass
NVNT	n40	2452	Ant1	-49.07	-20	Pass
NVNT	n40	2452	Ant2	-49.39	-20	Pass

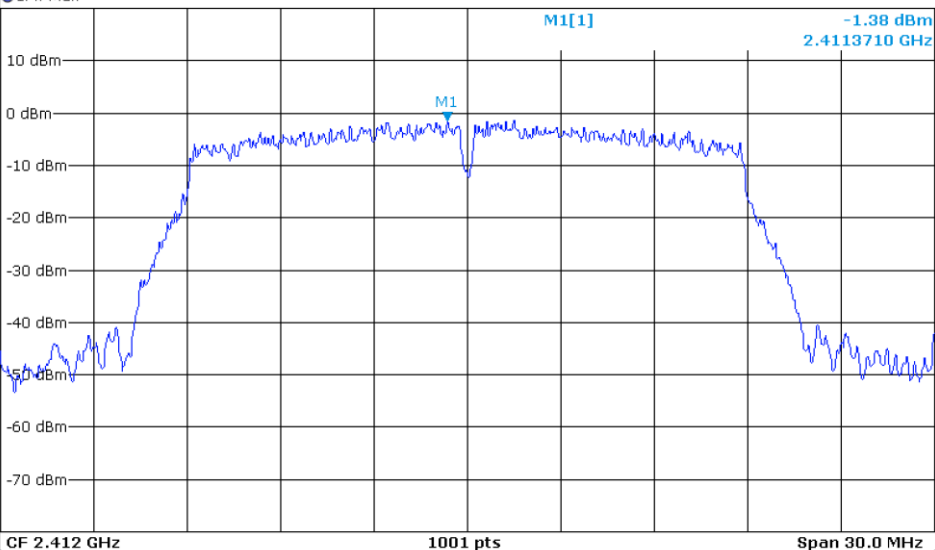
Test Graphs

Tx. Spurious NVNT n20 2412MHz Ant1 Ref

Spectrum

Ref Level 20.00 dBm Offset 2.38 dB RBW 100 kHz
Att 30 dB SWT 75.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max

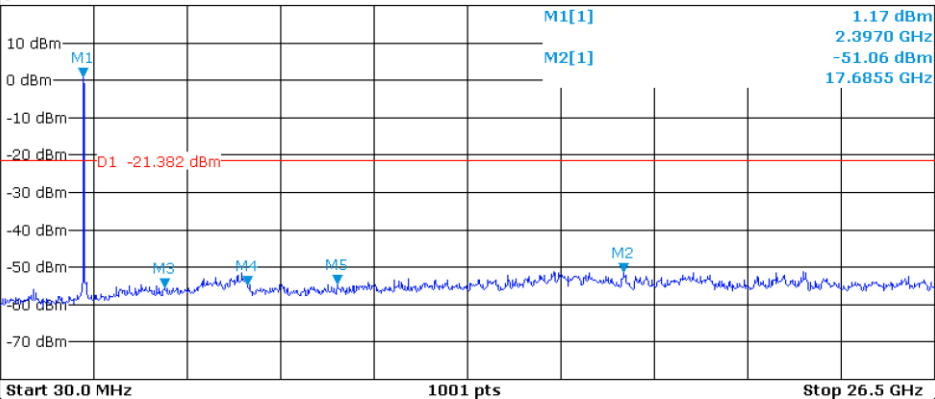


Tx. Spurious NVNT n20 2412MHz Ant1 Emission

Spectrum

Ref Level 20.00 dBm Offset 2.38 dB RBW 100 kHz
Att 30 dB SWT 265 ms VBW 300 kHz Mode Auto Sweep
SGL Count 10/10

1Pk Max



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.397 GHz	1.17 dBm		
M2		1	17.6855 GHz	-51.06 dBm		
M3		1	4.6887 GHz	-55.38 dBm		
M4		1	7.0446 GHz	-54.57 dBm		
M5		1	9.5857 GHz	-54.37 dBm		

