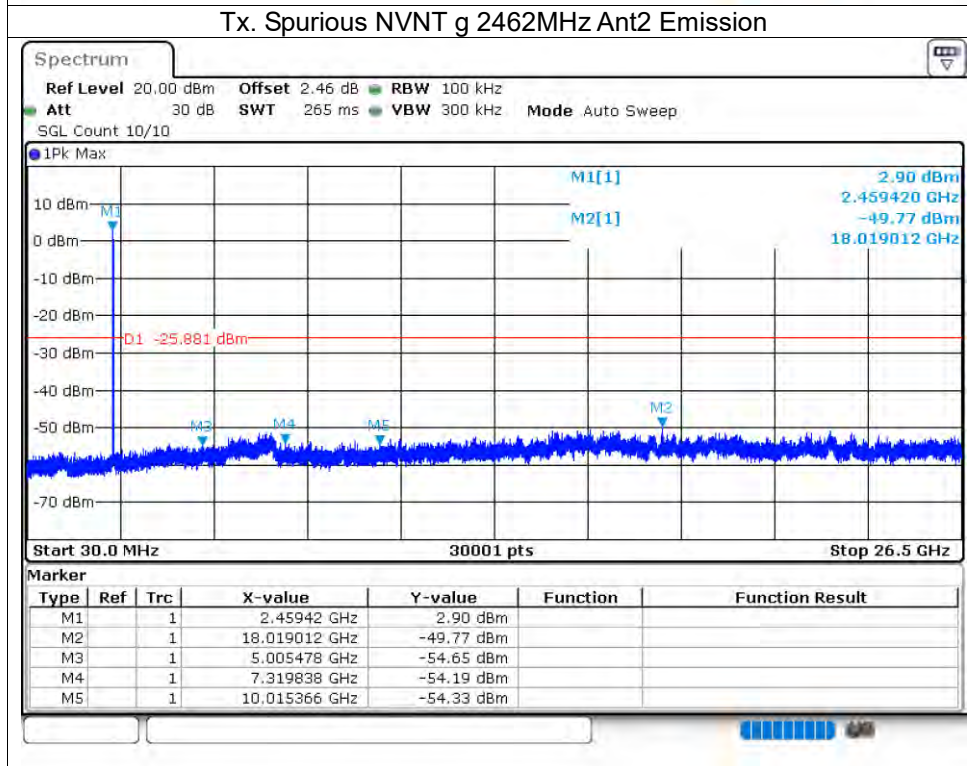
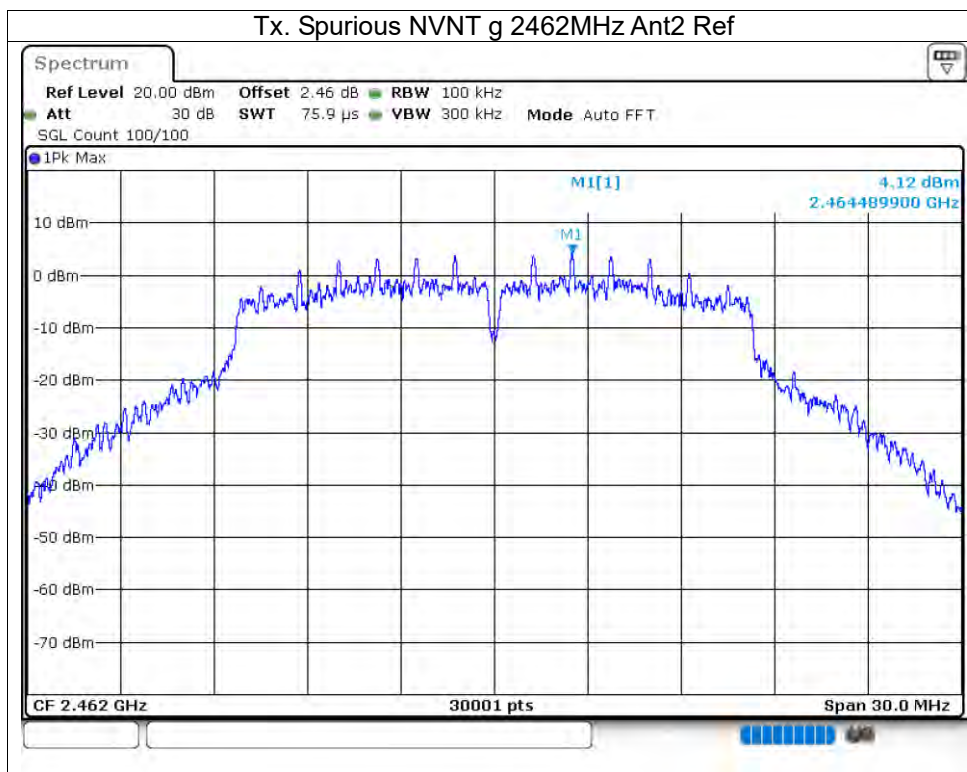
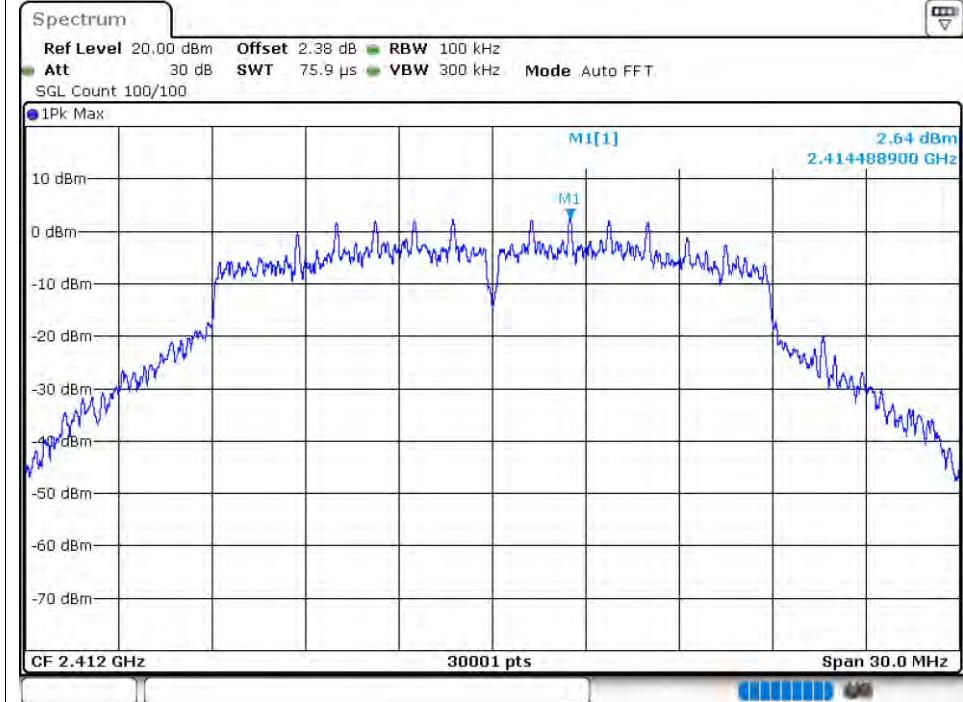
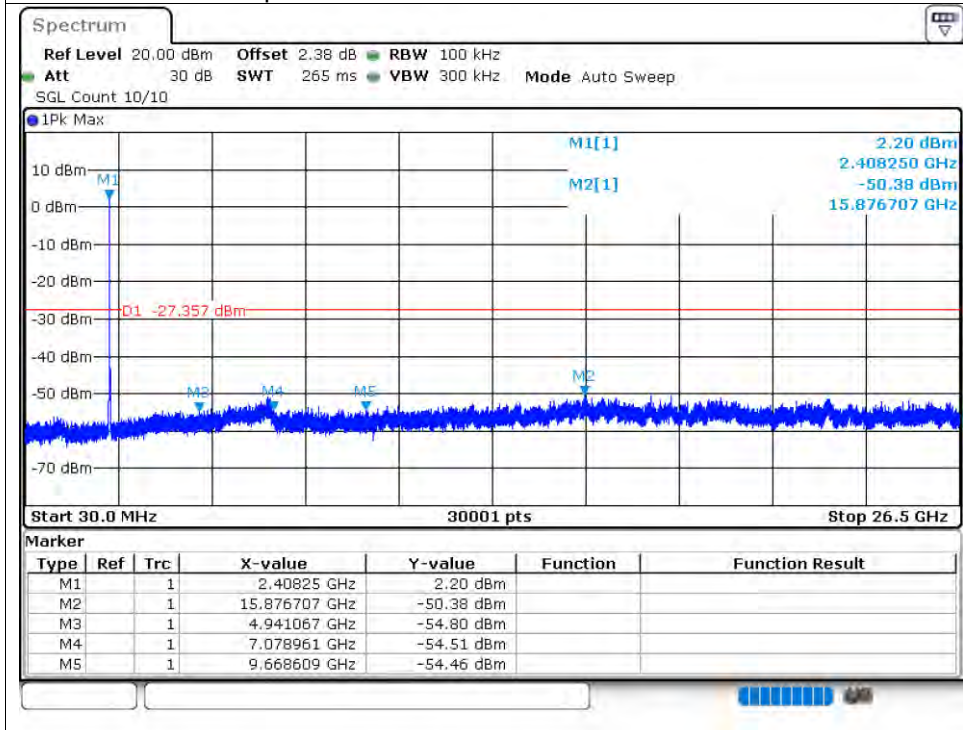




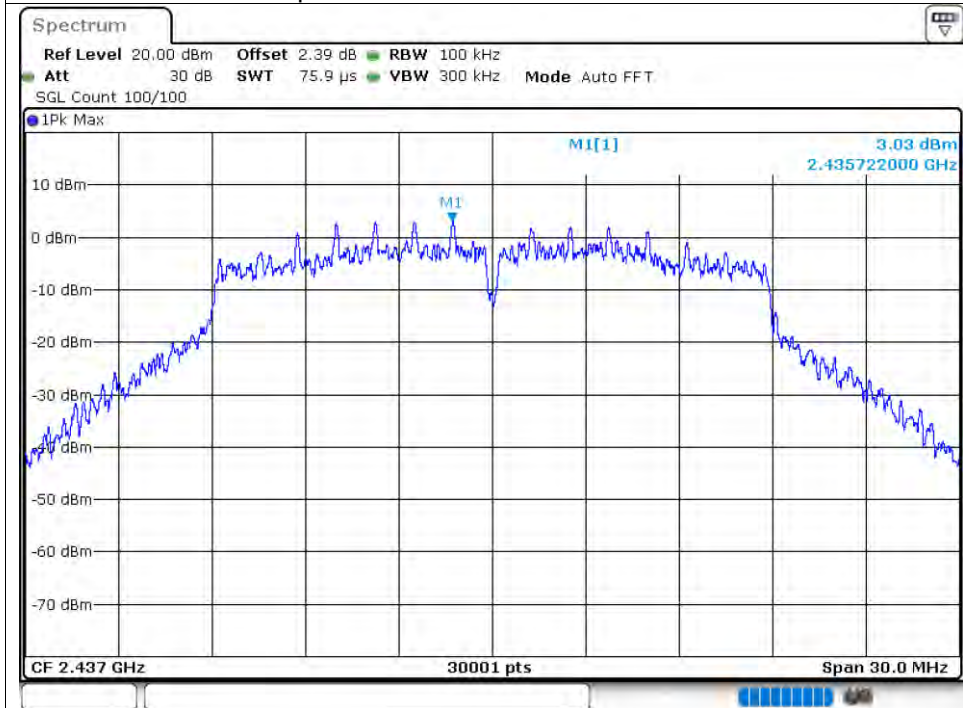
Tx. Spurious NVNT n20 2412MHz Ant1 Ref



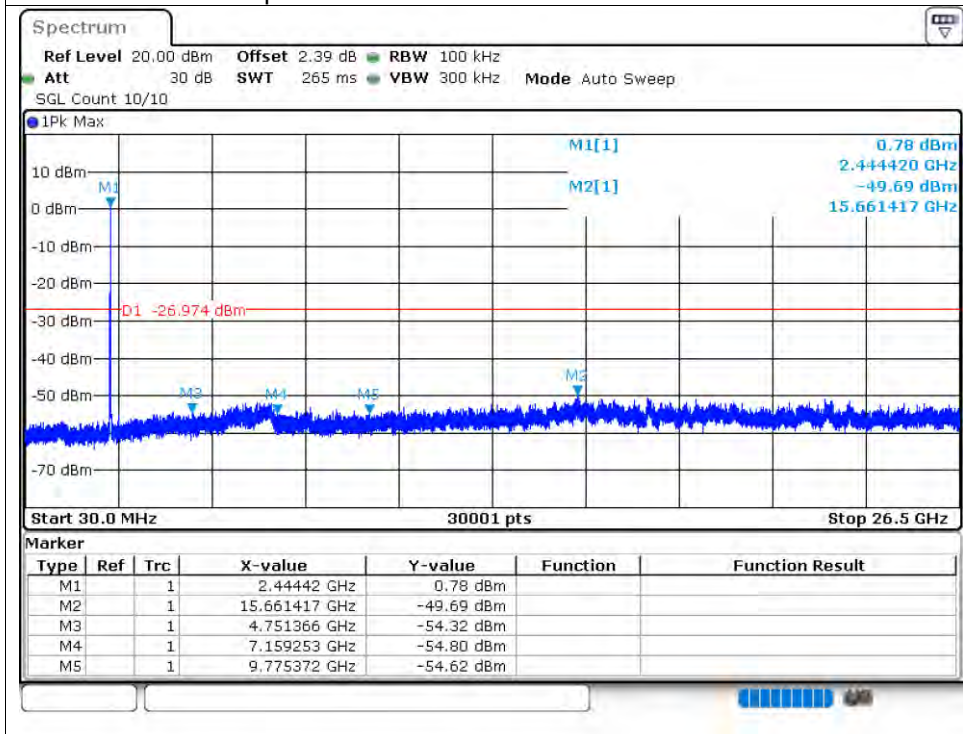
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



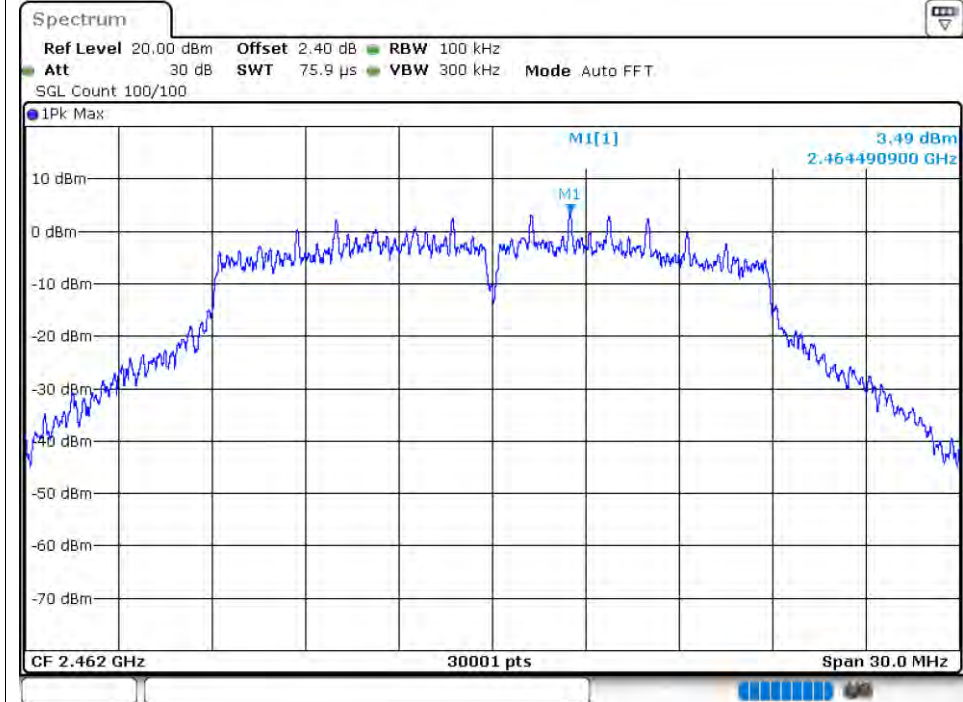
Tx. Spurious NVNT n20 2437MHz Ant1 Ref



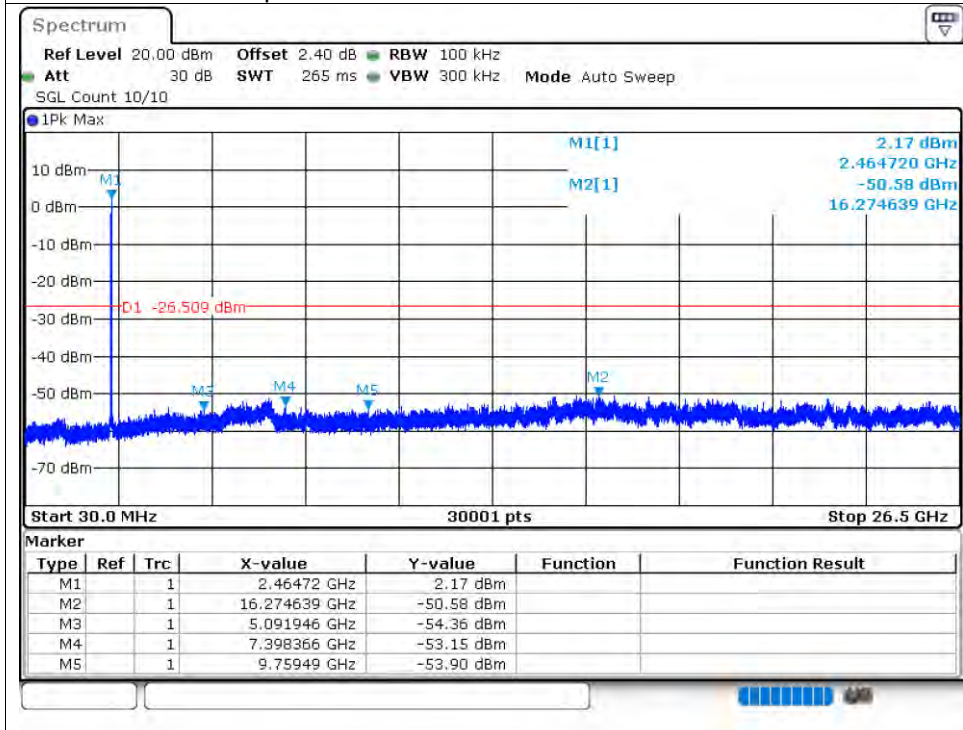
Tx. Spurious NVNT n20 2437MHz Ant1 Emission



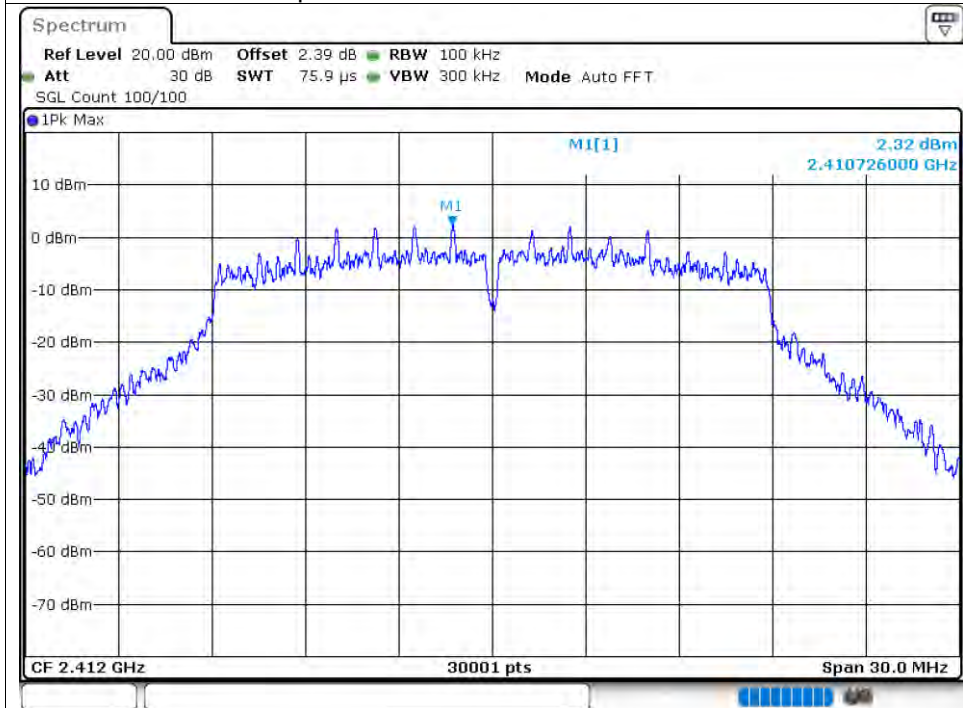
Tx. Spurious NVNT n20 2462MHz Ant1 Ref



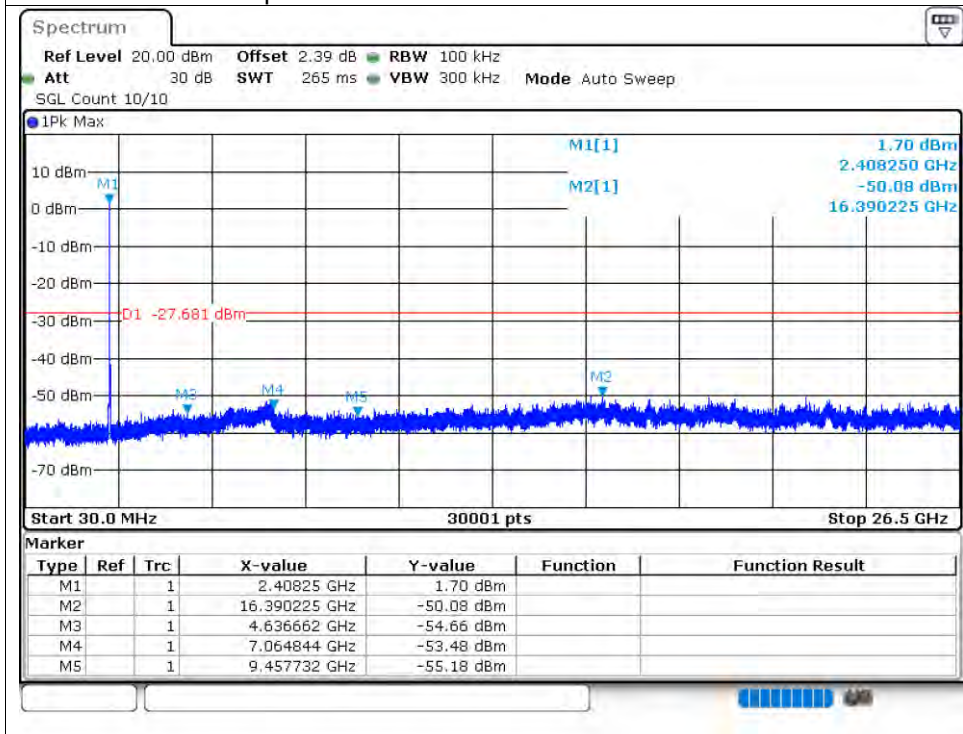
Tx. Spurious NVNT n20 2462MHz Ant1 Emission



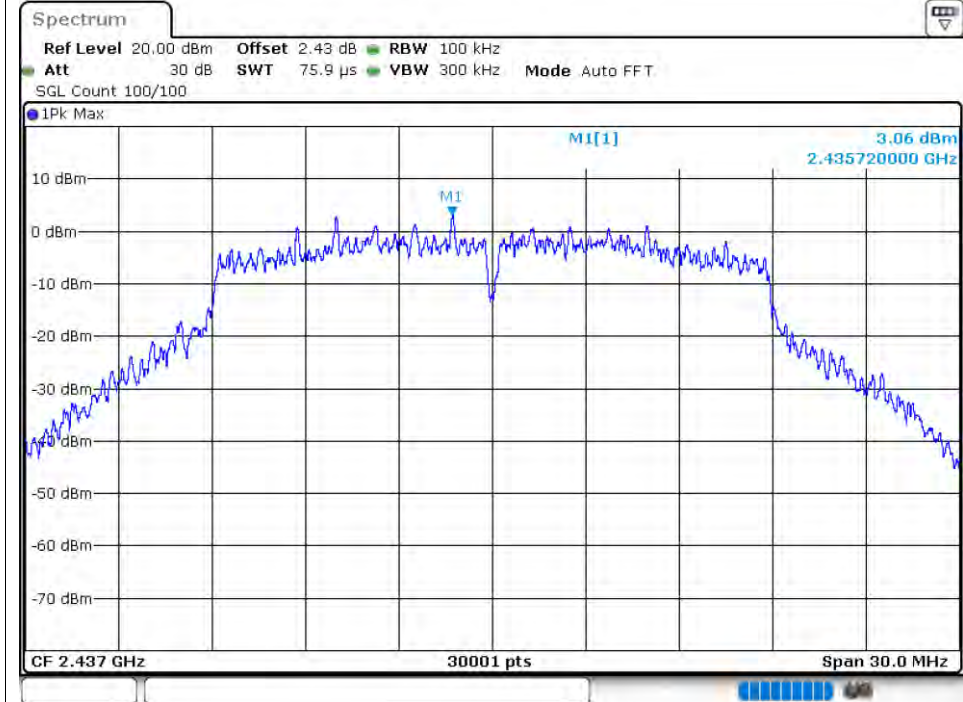
Tx. Spurious NVNT n20 2412MHz Ant2 Ref



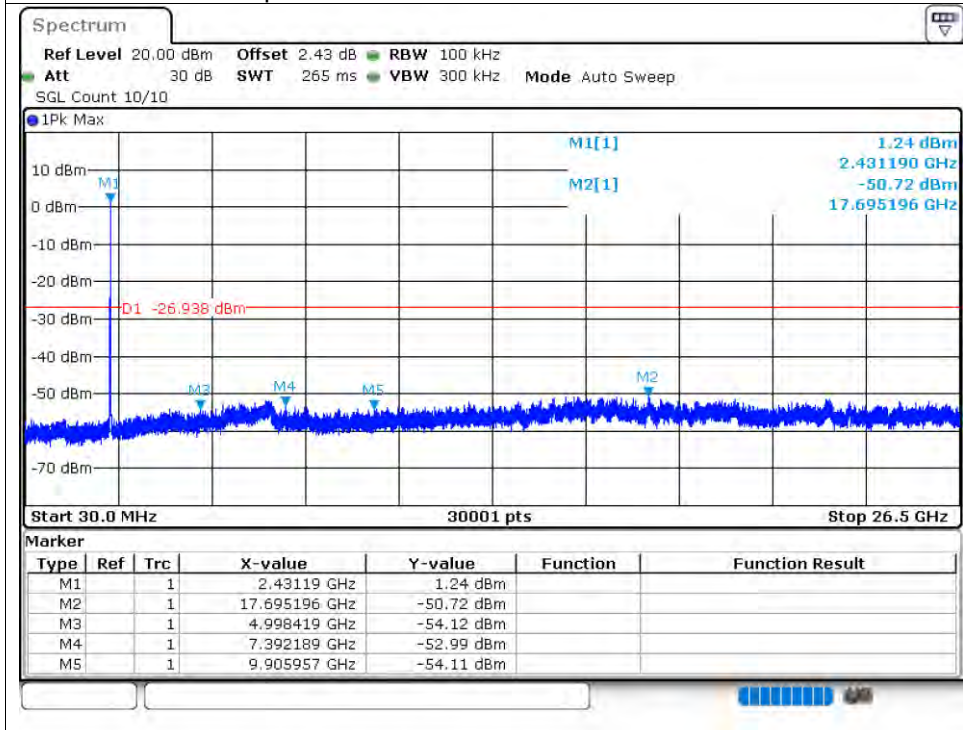
Tx. Spurious NVNT n20 2412MHz Ant2 Emission



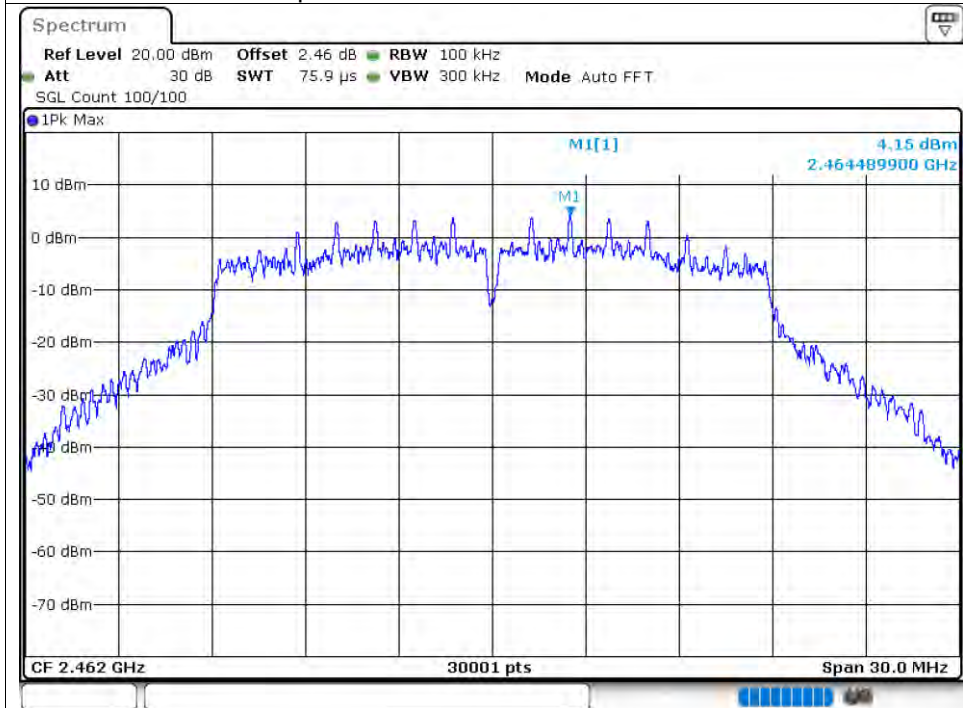
Tx. Spurious NVNT n20 2437MHz Ant2 Ref



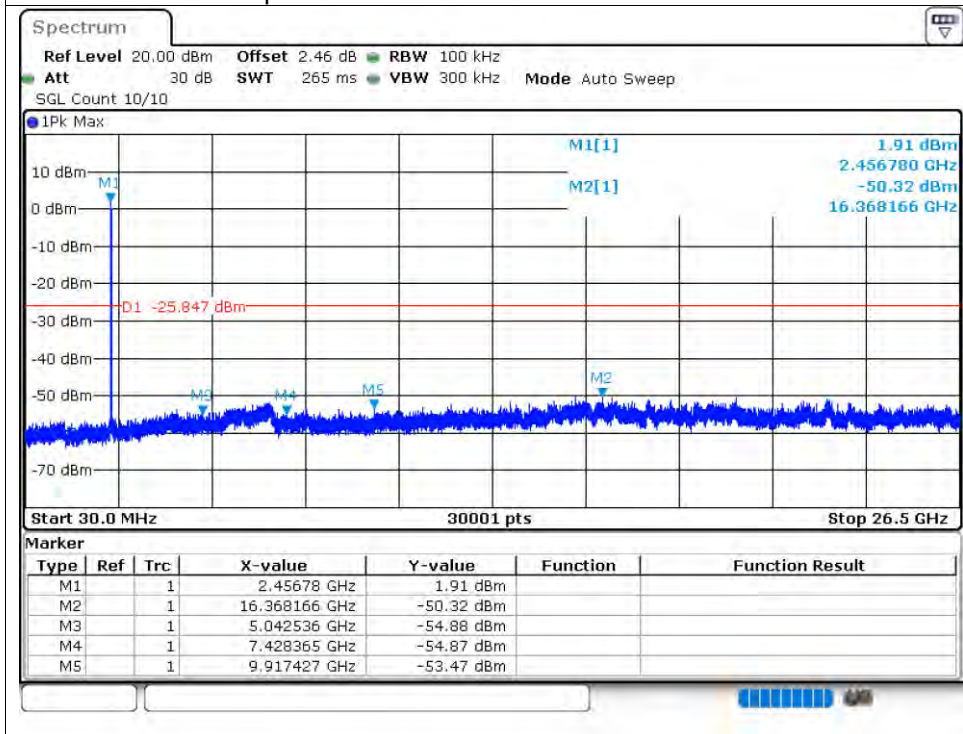
Tx. Spurious NVNT n20 2437MHz Ant2 Emission



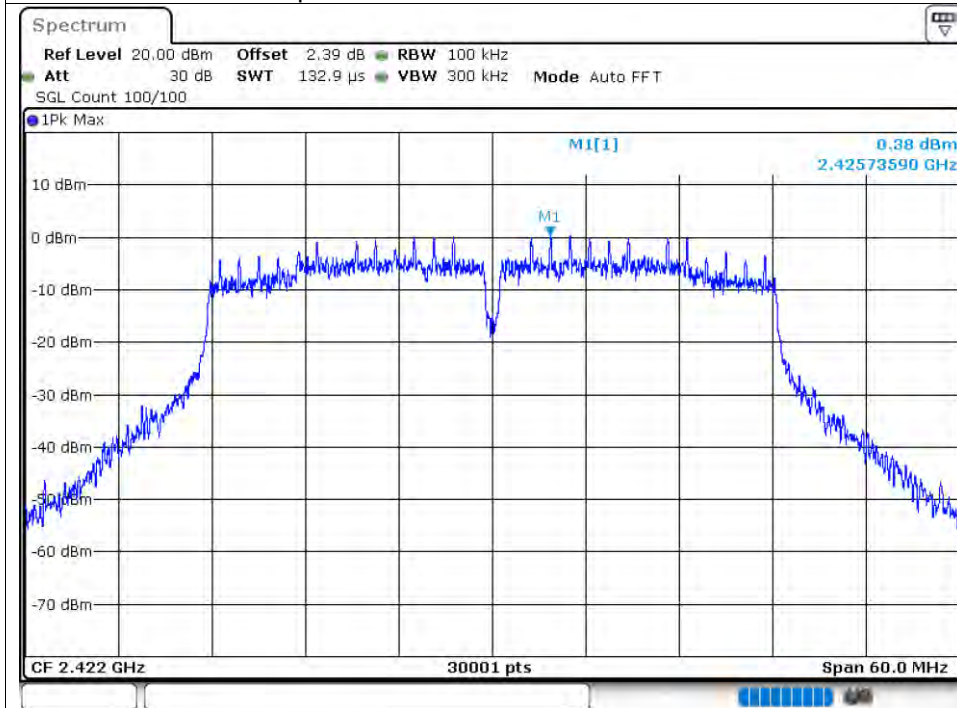
Tx. Spurious NVNT n20 2462MHz Ant2 Ref



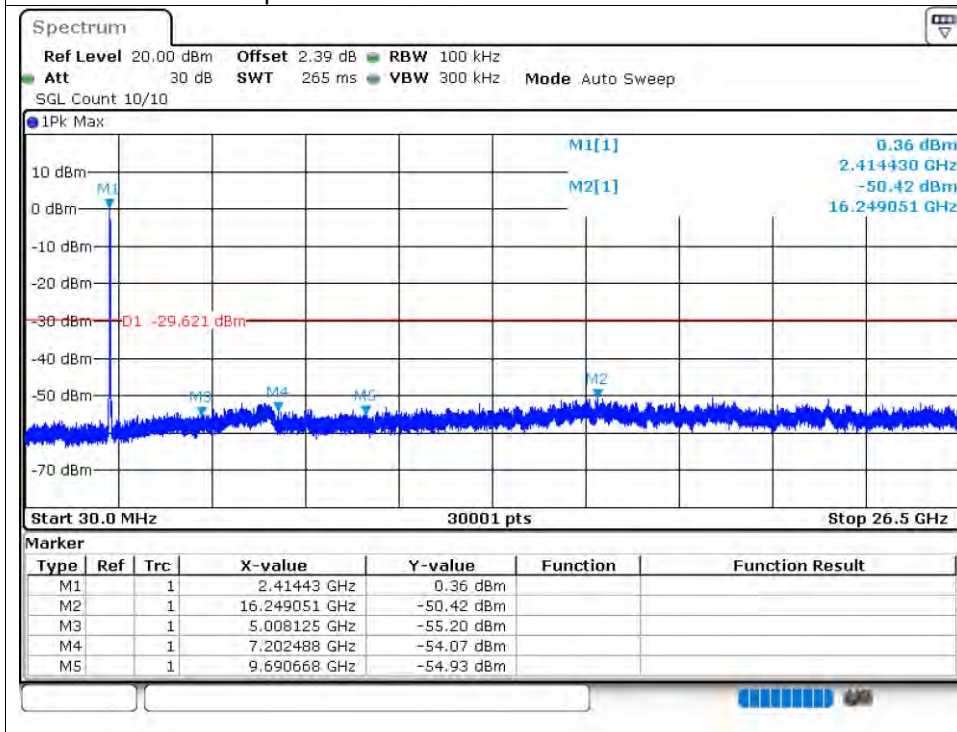
Tx. Spurious NVNT n20 2462MHz Ant2 Emission

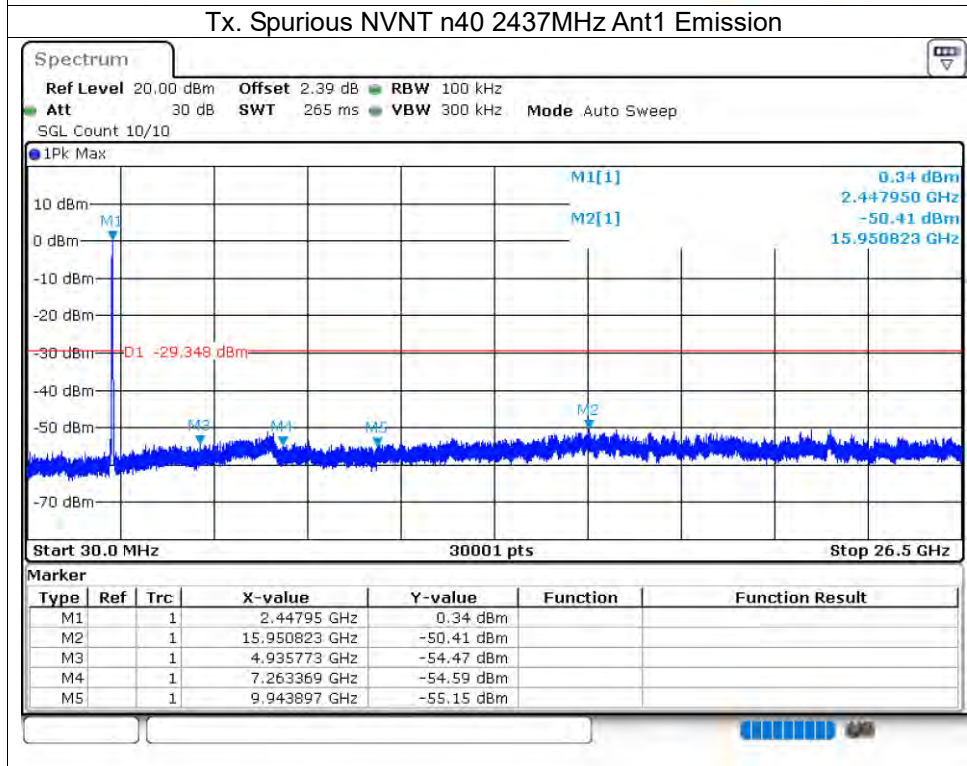
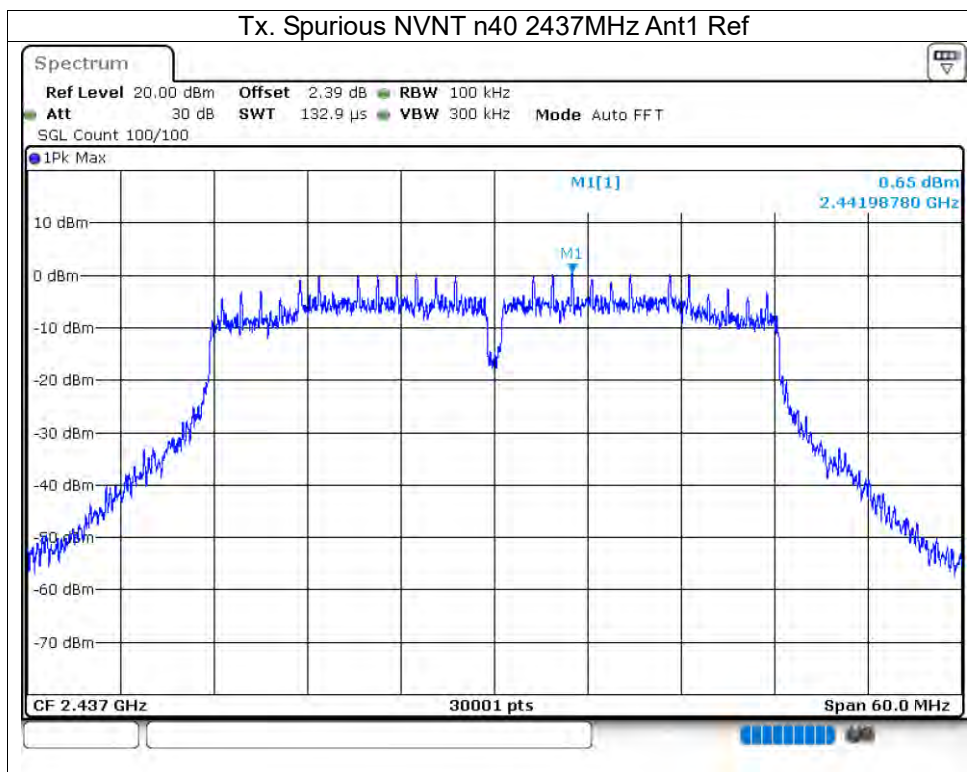


Tx. Spurious NVNT n40 2422MHz Ant1 Ref

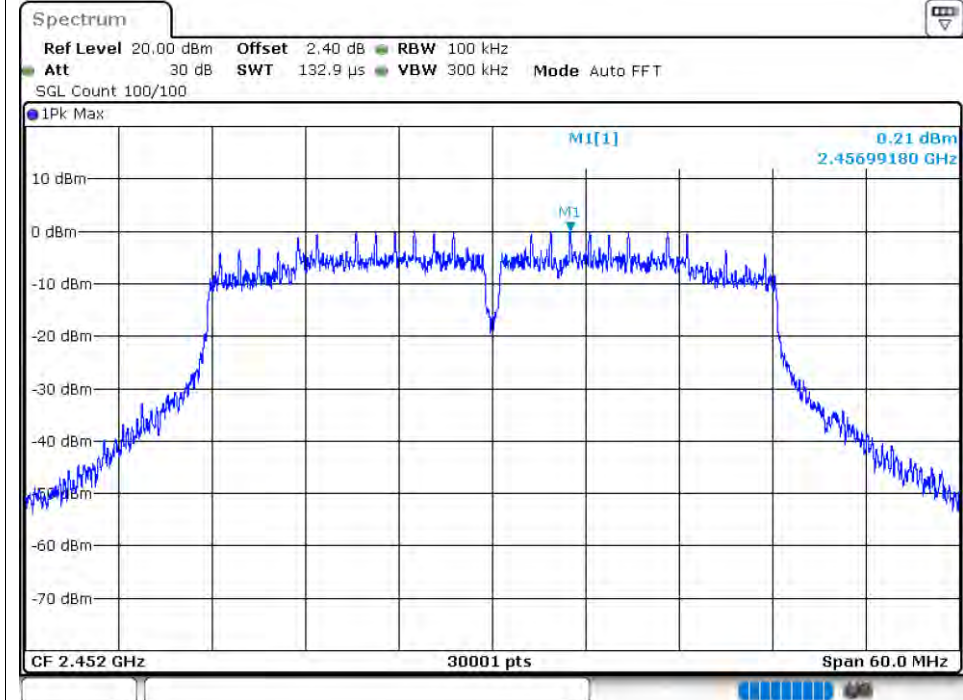


Tx. Spurious NVNT n40 2422MHz Ant1 Emission

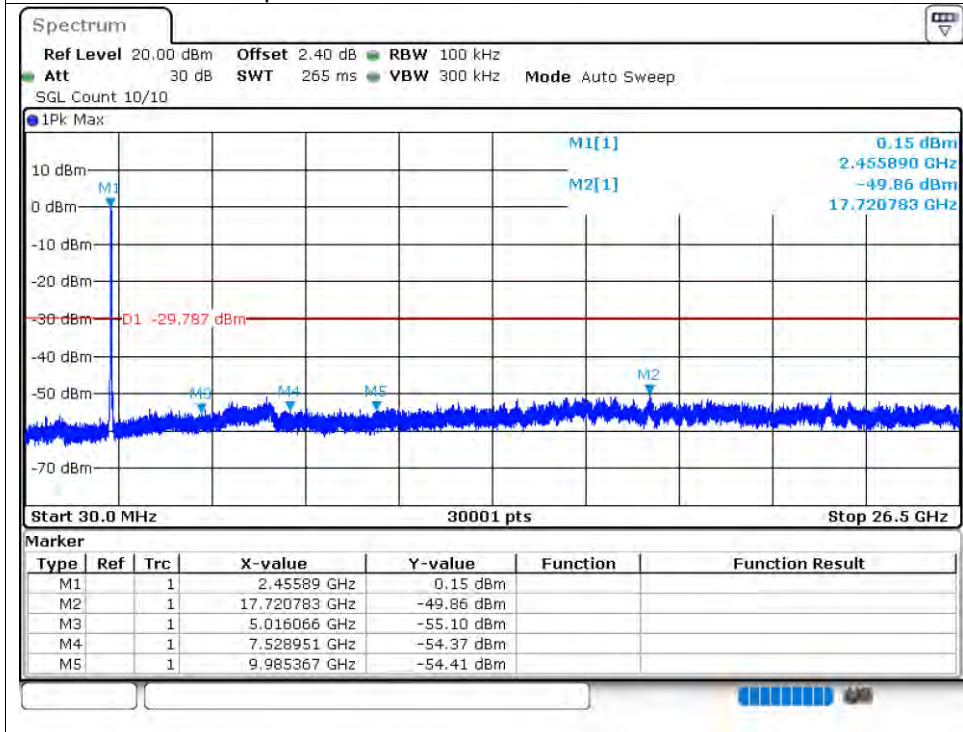




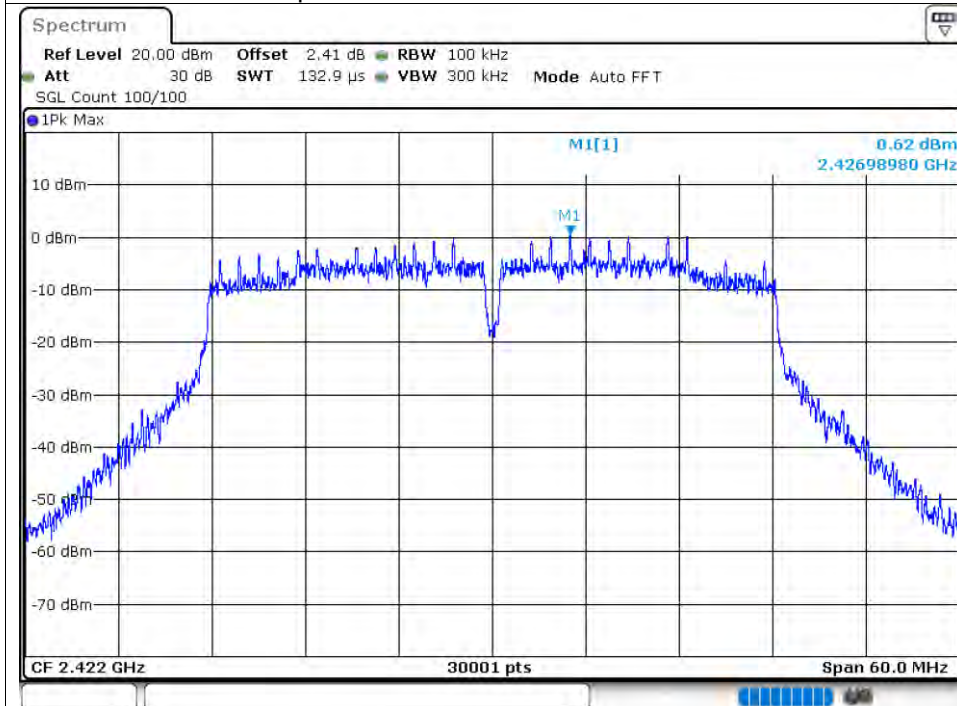
Tx. Spurious NVNT n40 2452MHz Ant1 Ref



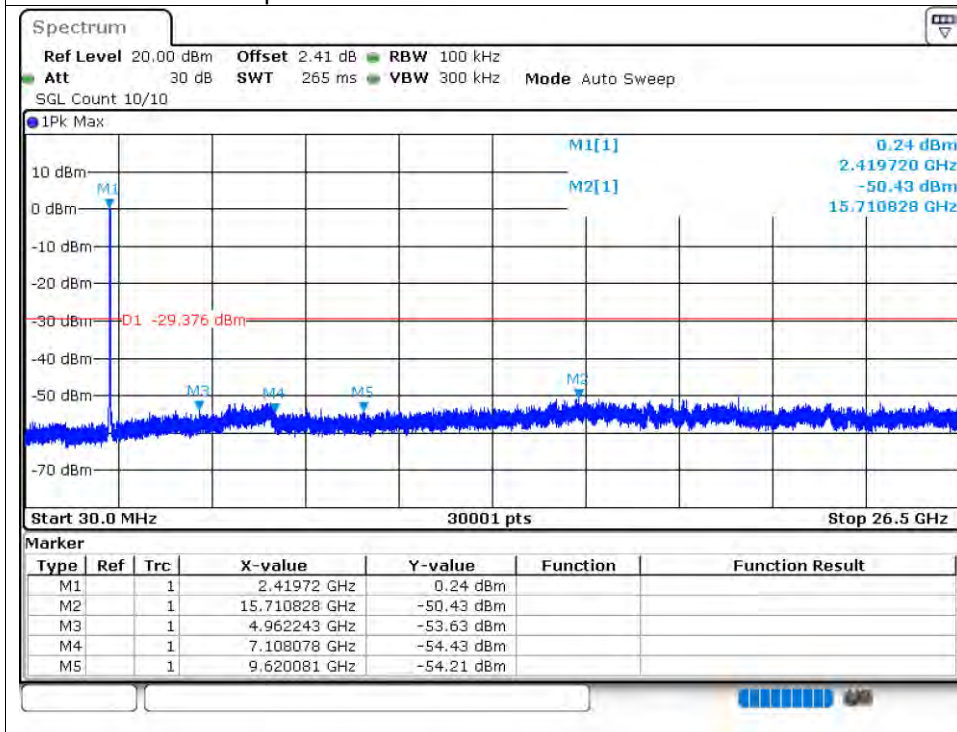
Tx. Spurious NVNT n40 2452MHz Ant1 Emission



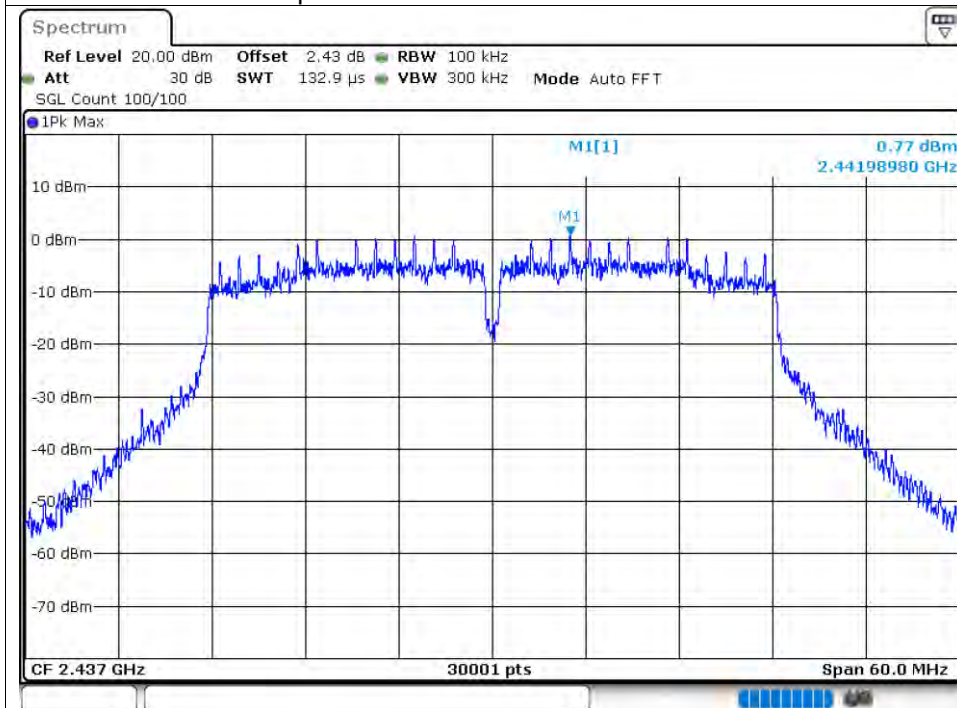
Tx. Spurious NVNT n40 2422MHz Ant2 Ref



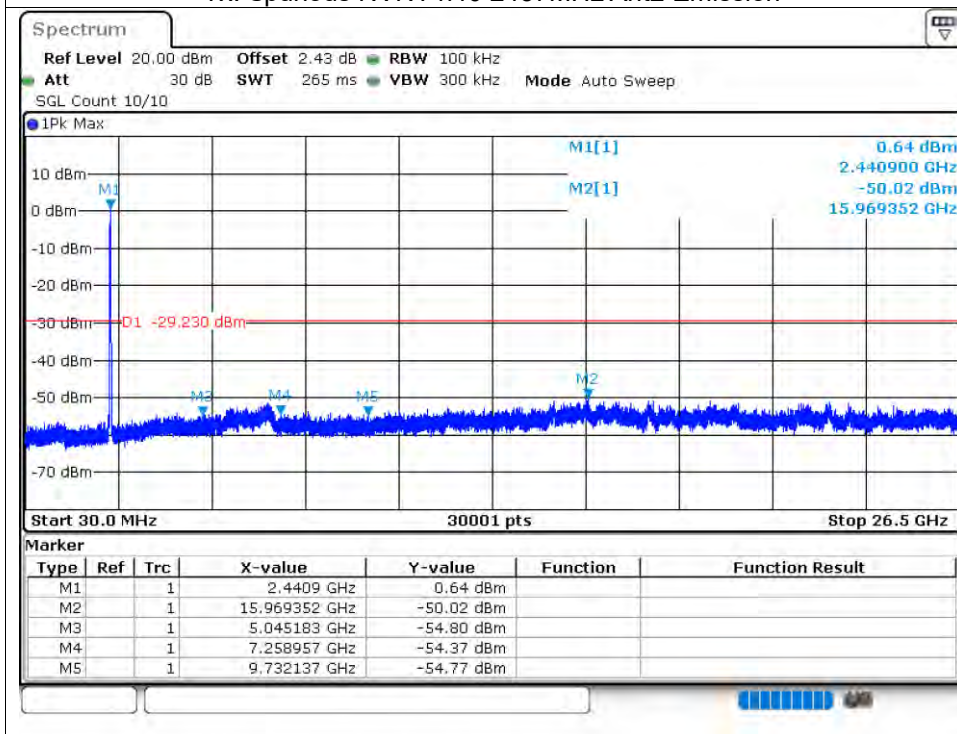
Tx. Spurious NVNT n40 2422MHz Ant2 Emission



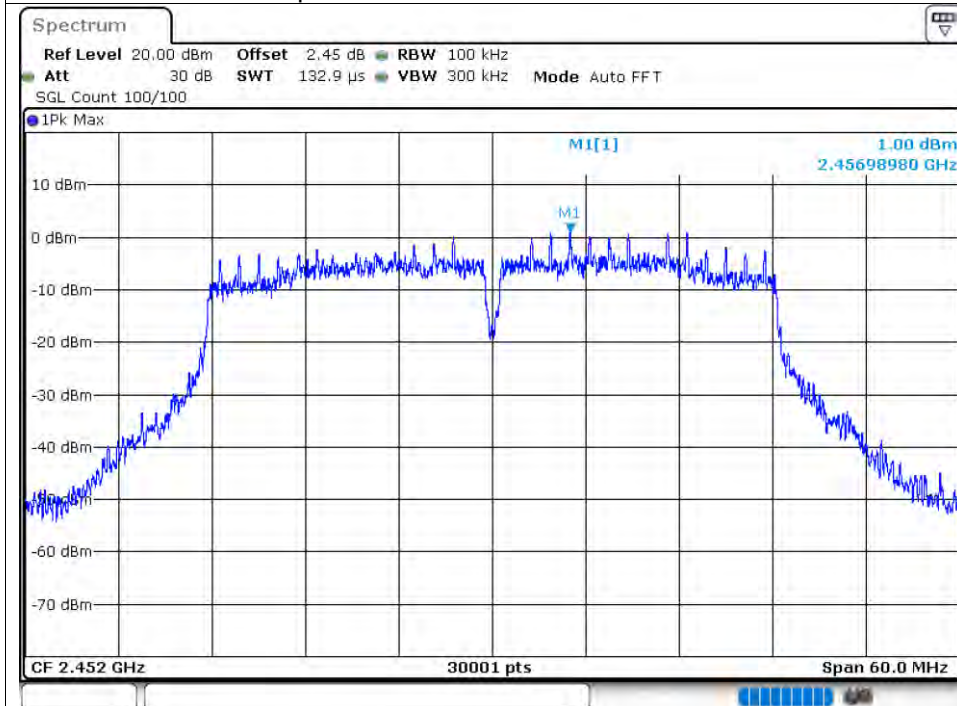
Tx. Spurious NVNT n40 2437MHz Ant2 Ref



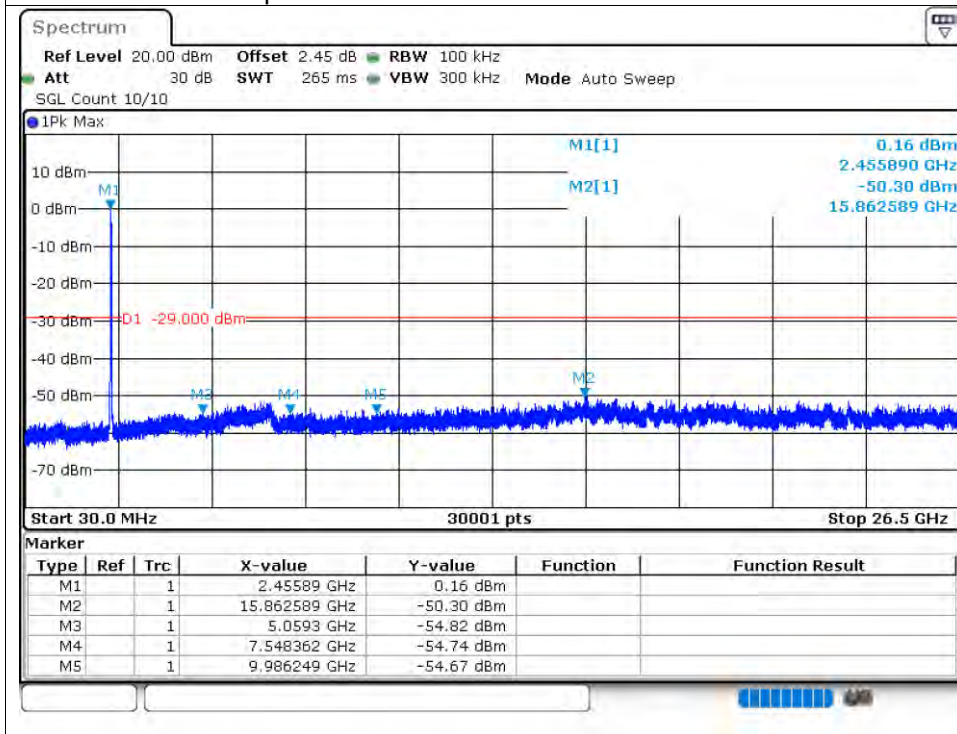
Tx. Spurious NVNT n40 2437MHz Ant2 Emission

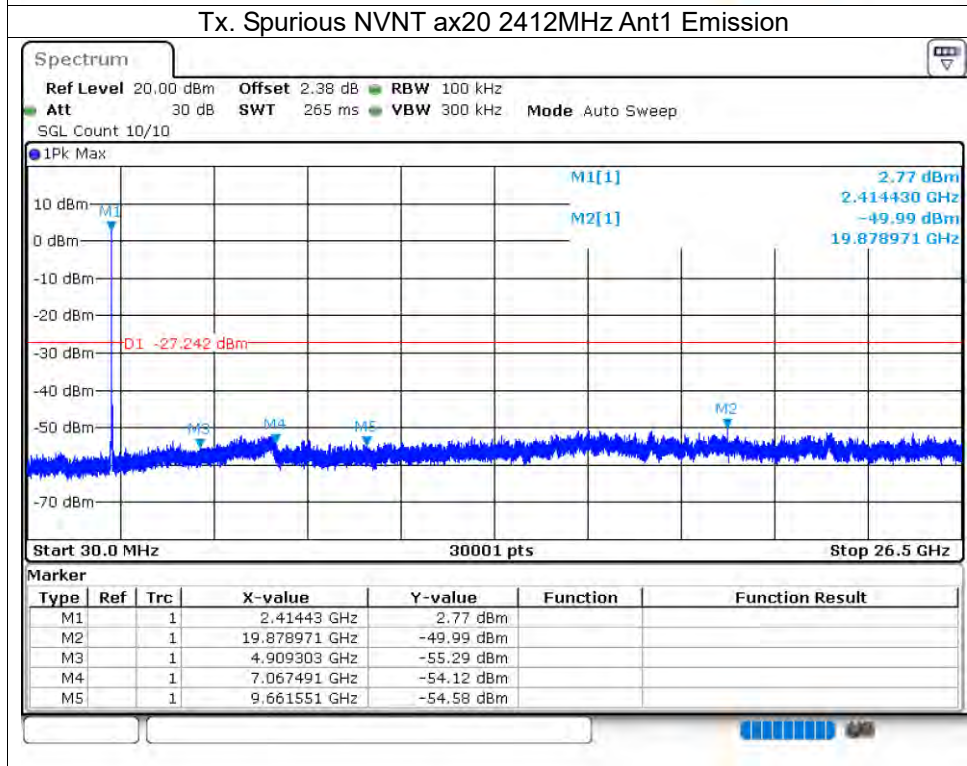
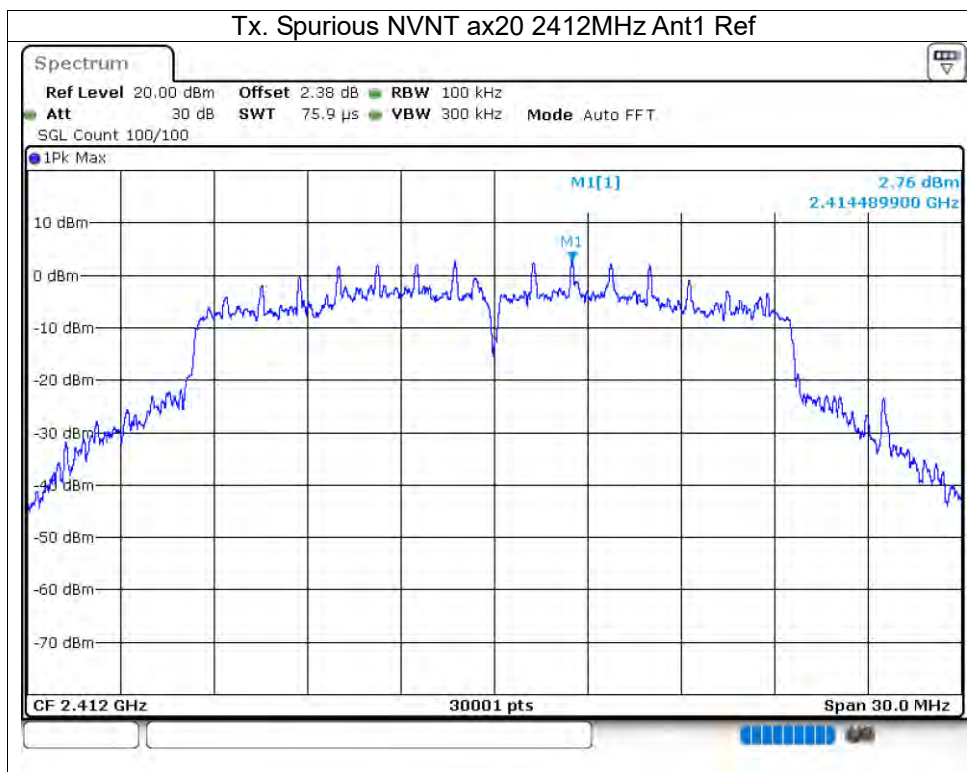


Tx. Spurious NVNT n40 2452MHz Ant2 Ref

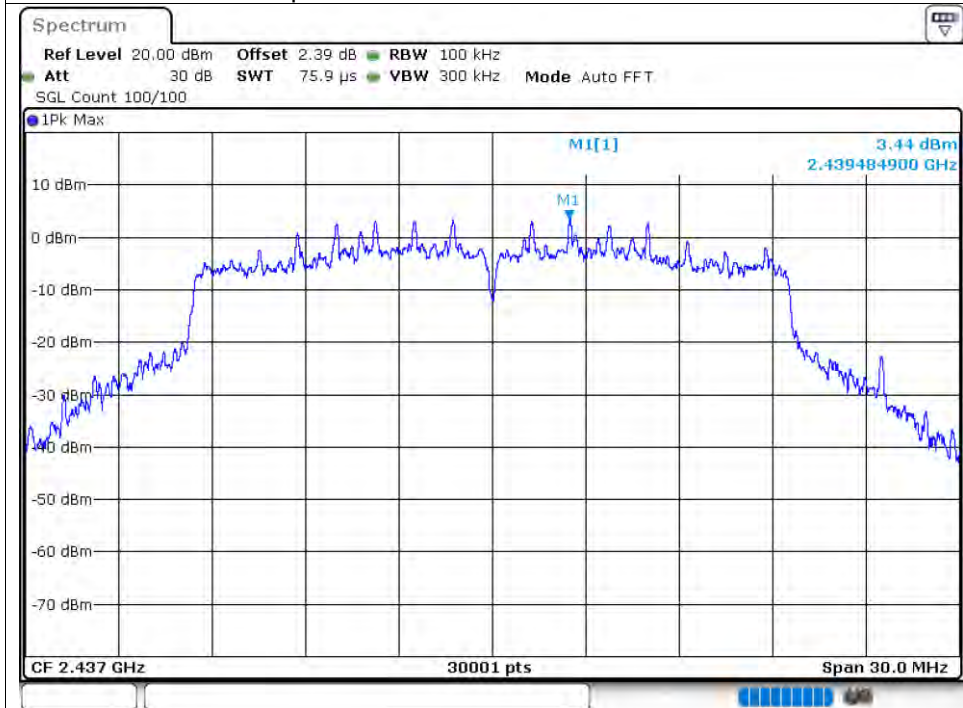


Tx. Spurious NVNT n40 2452MHz Ant2 Emission

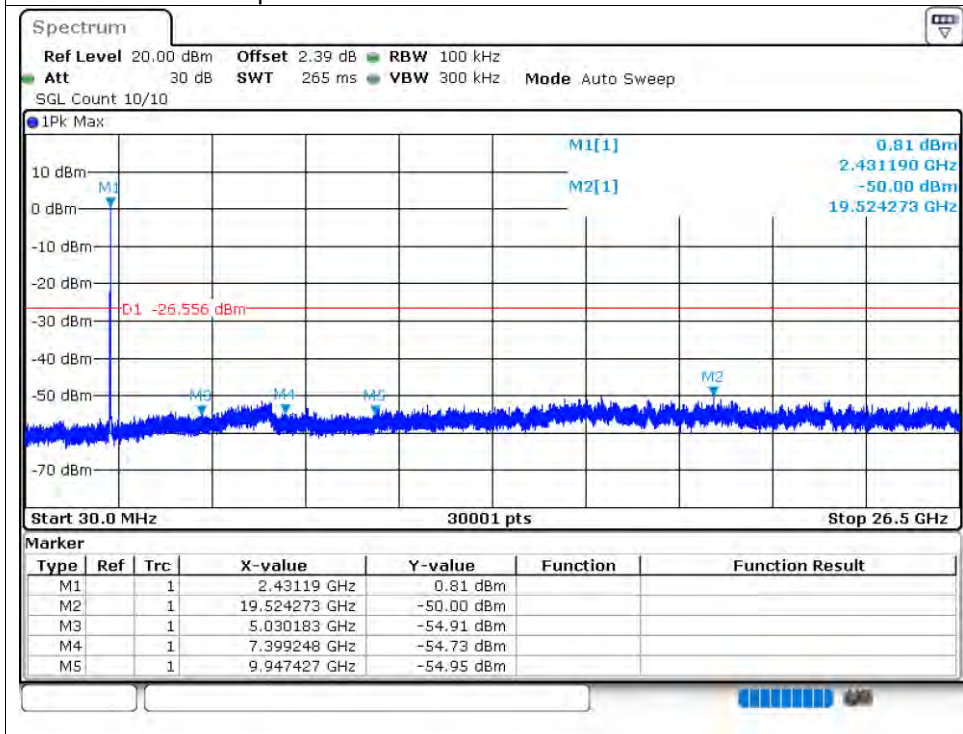


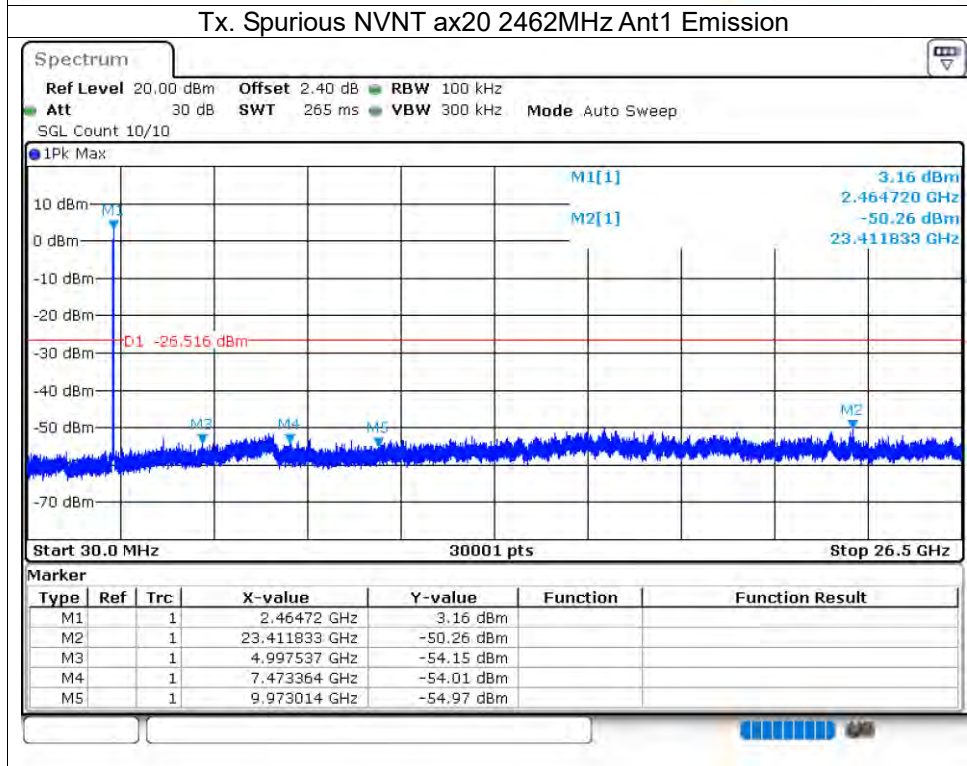
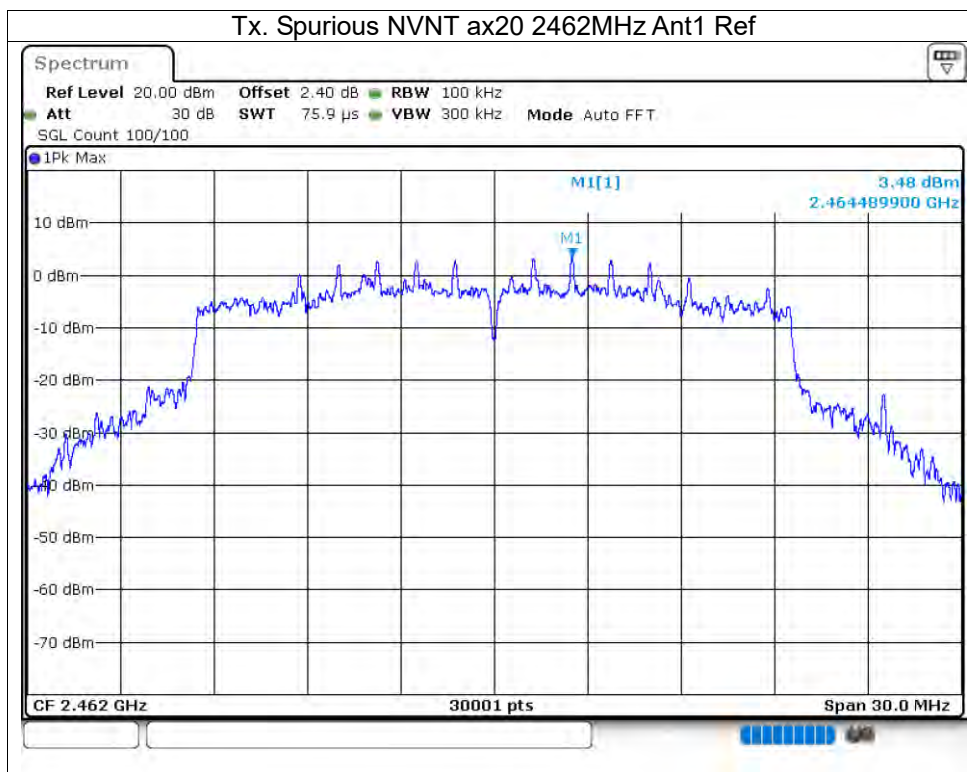


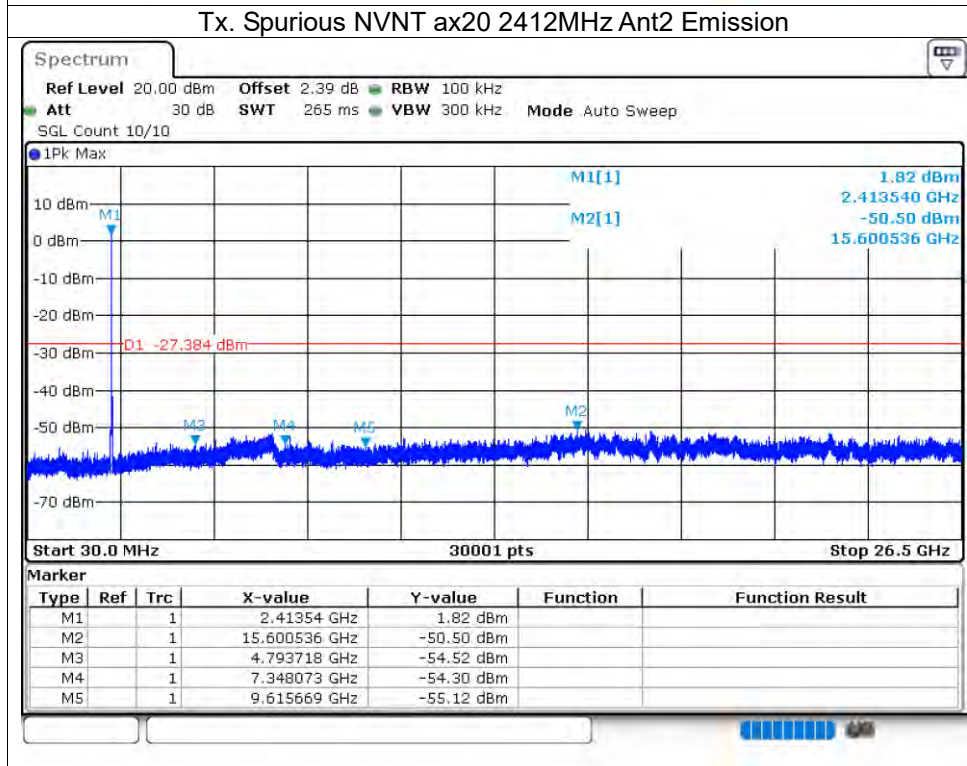
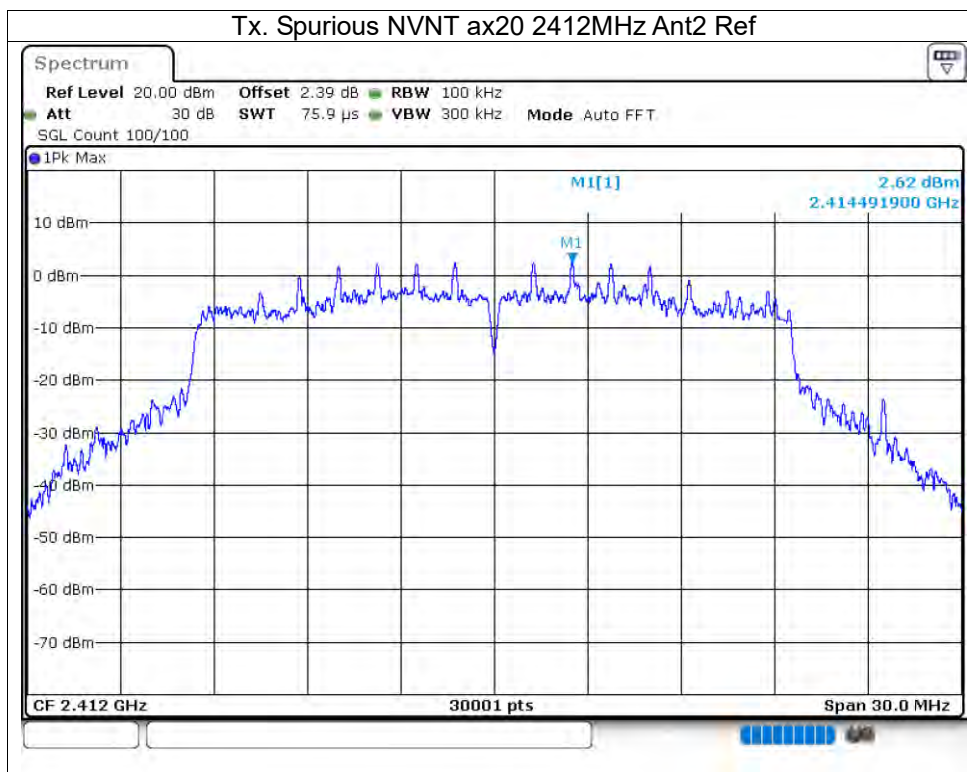
Tx. Spurious NVNT ax20 2437MHz Ant1 Ref

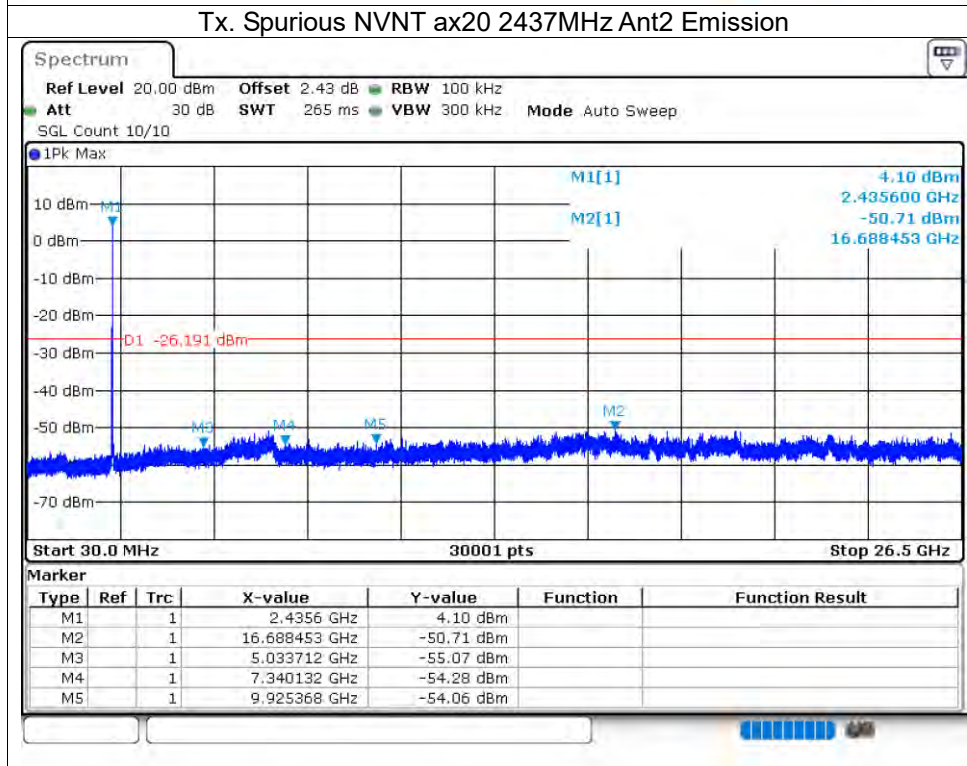
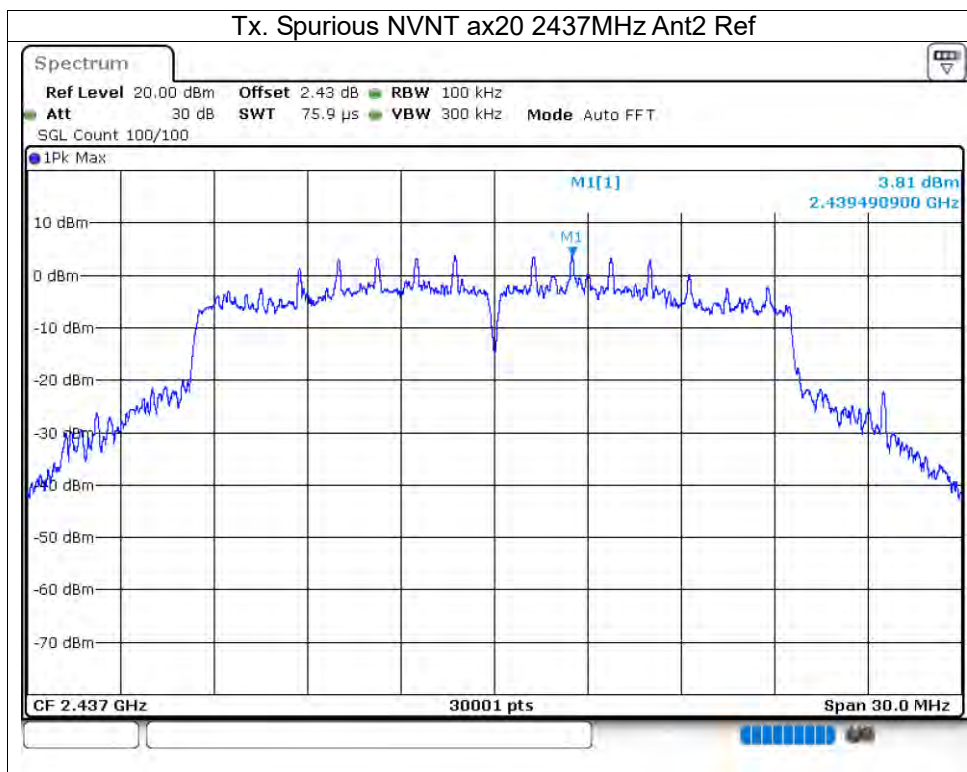


Tx. Spurious NVNT ax20 2437MHz Ant1 Emission

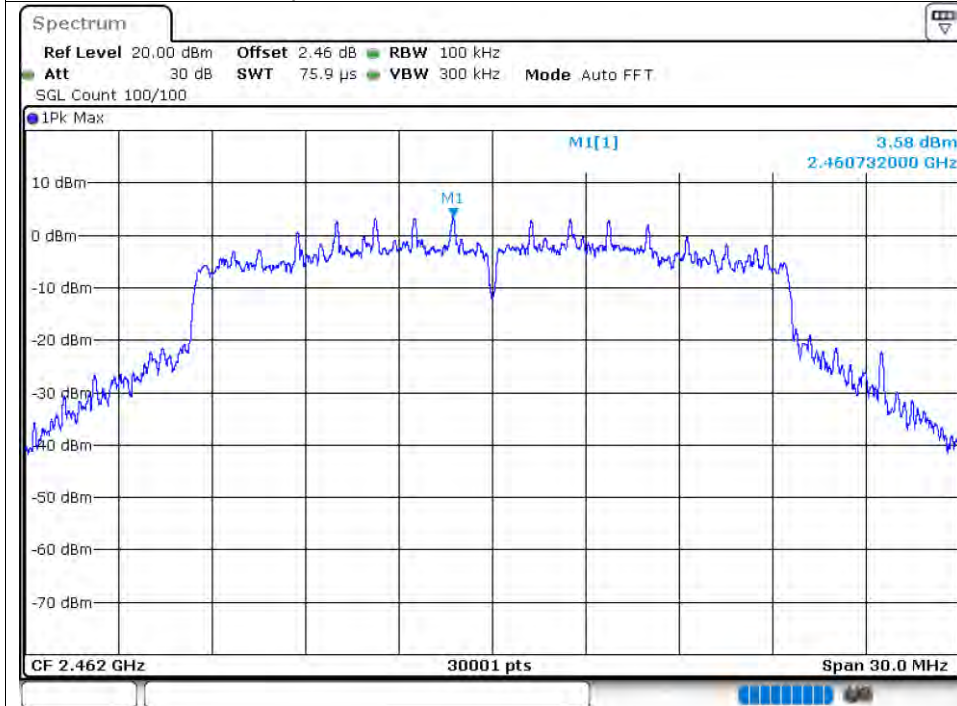




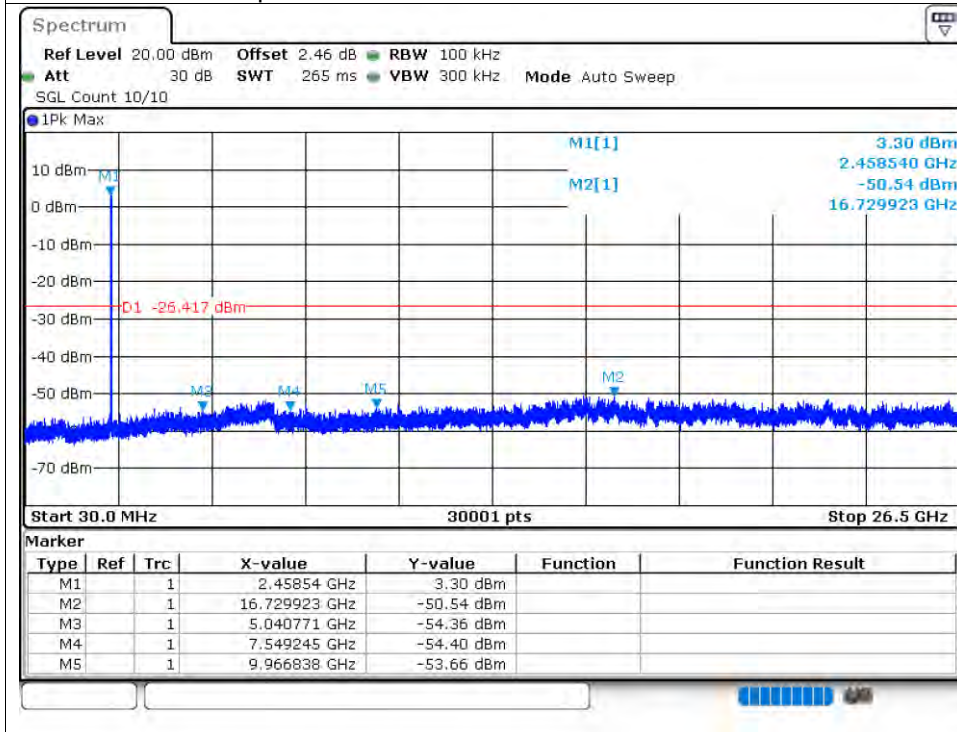




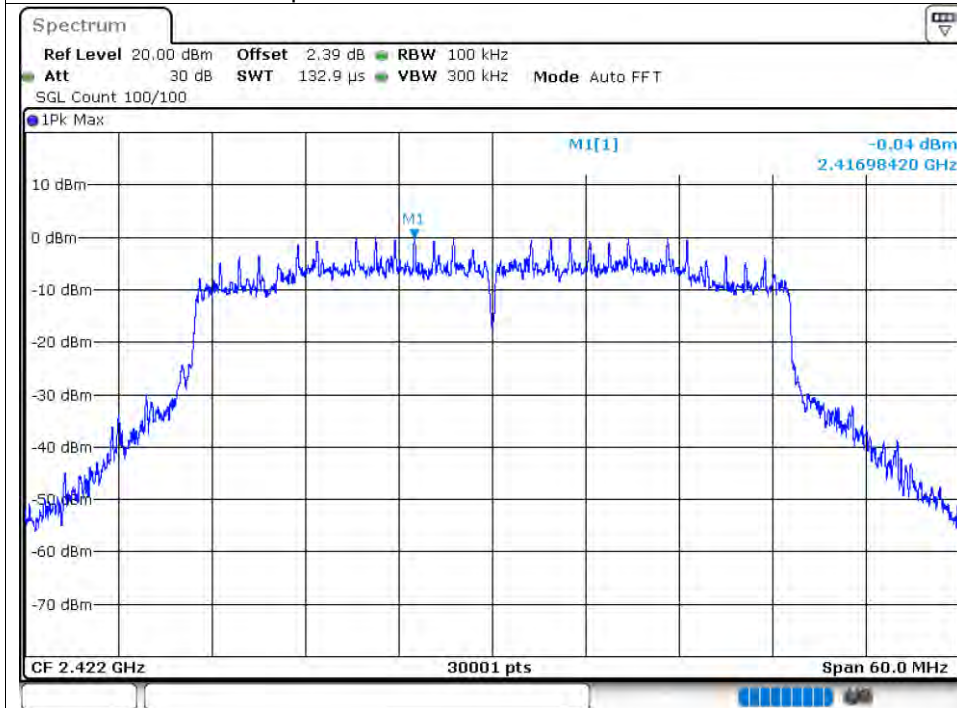
Tx. Spurious NVNT ax20 2462MHz Ant2 Ref



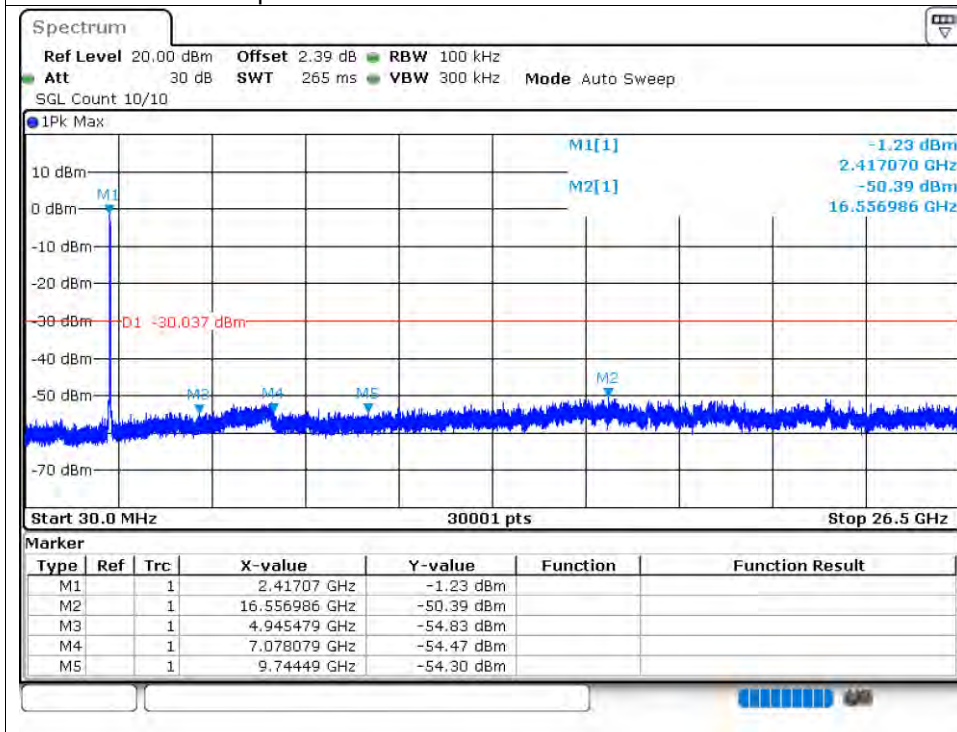
Tx. Spurious NVNT ax20 2462MHz Ant2 Emission

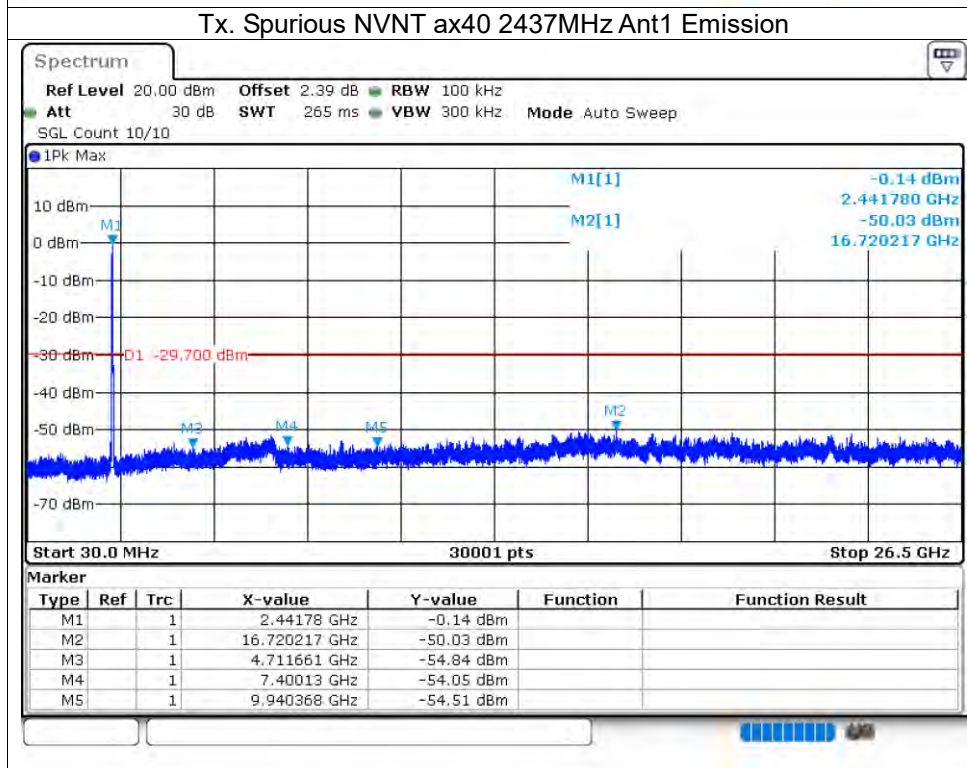
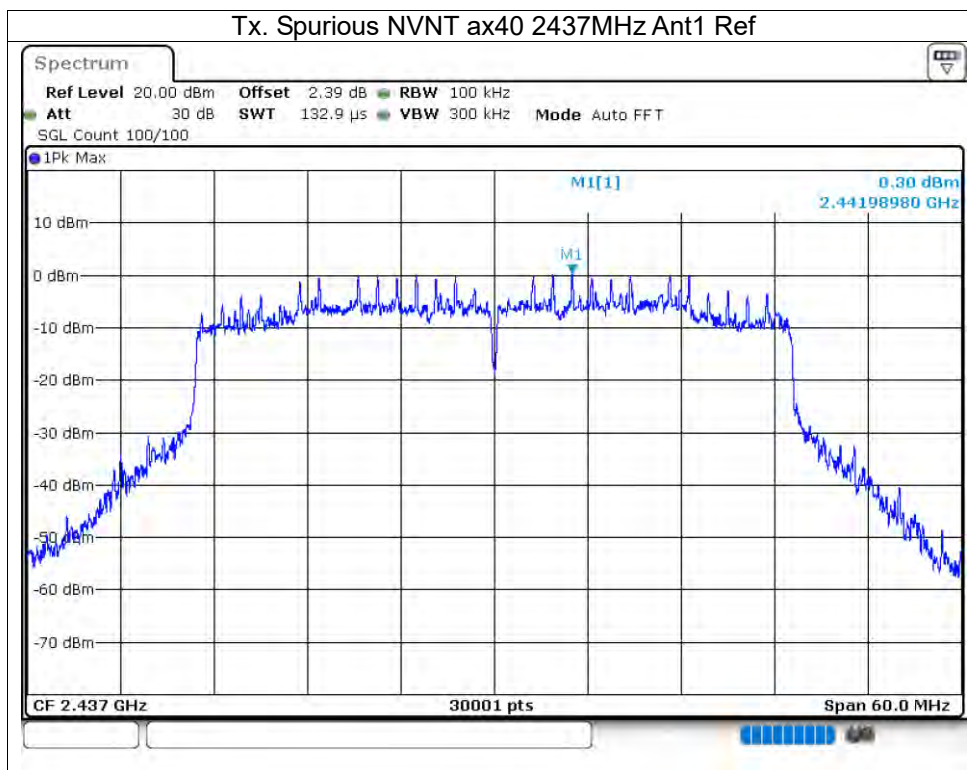


Tx. Spurious NVNT ax40 2422MHz Ant1 Ref

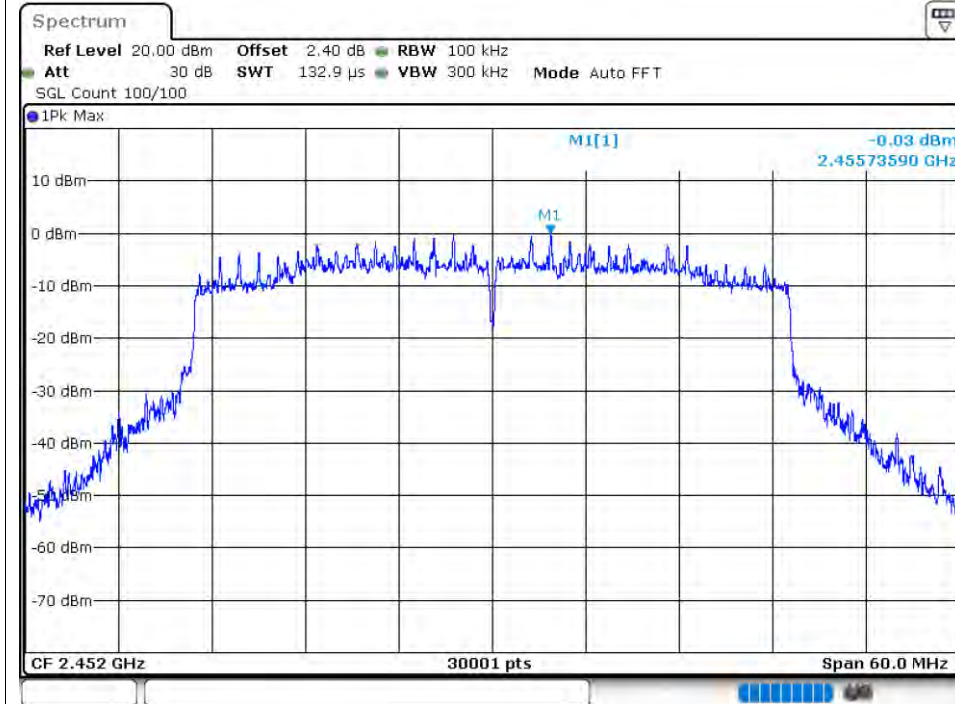


Tx. Spurious NVNT ax40 2422MHz Ant1 Emission

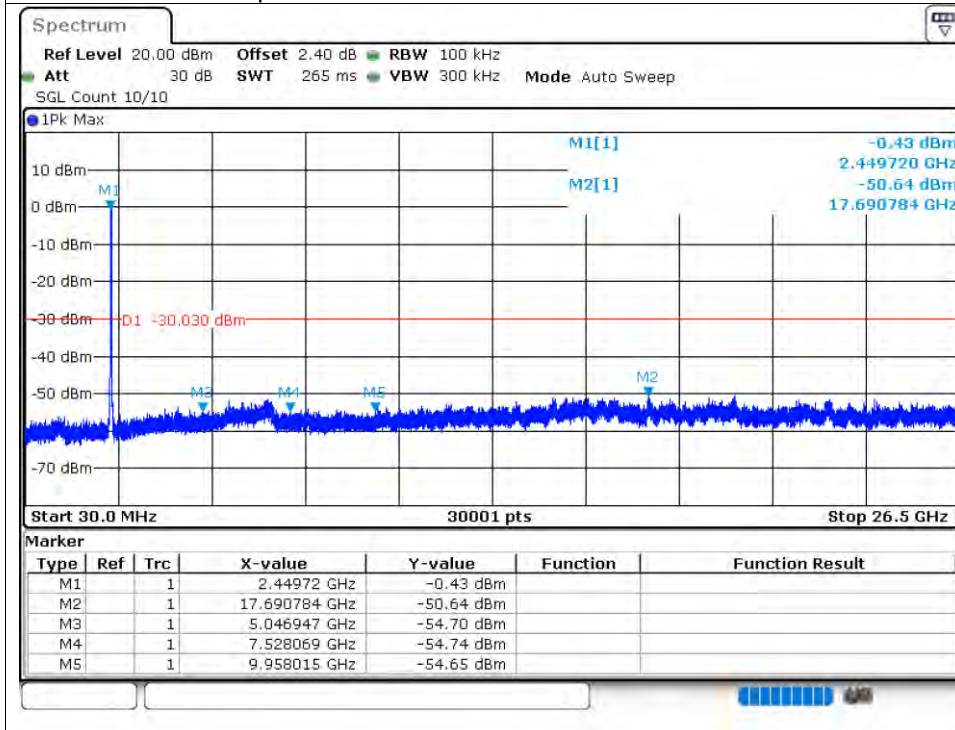




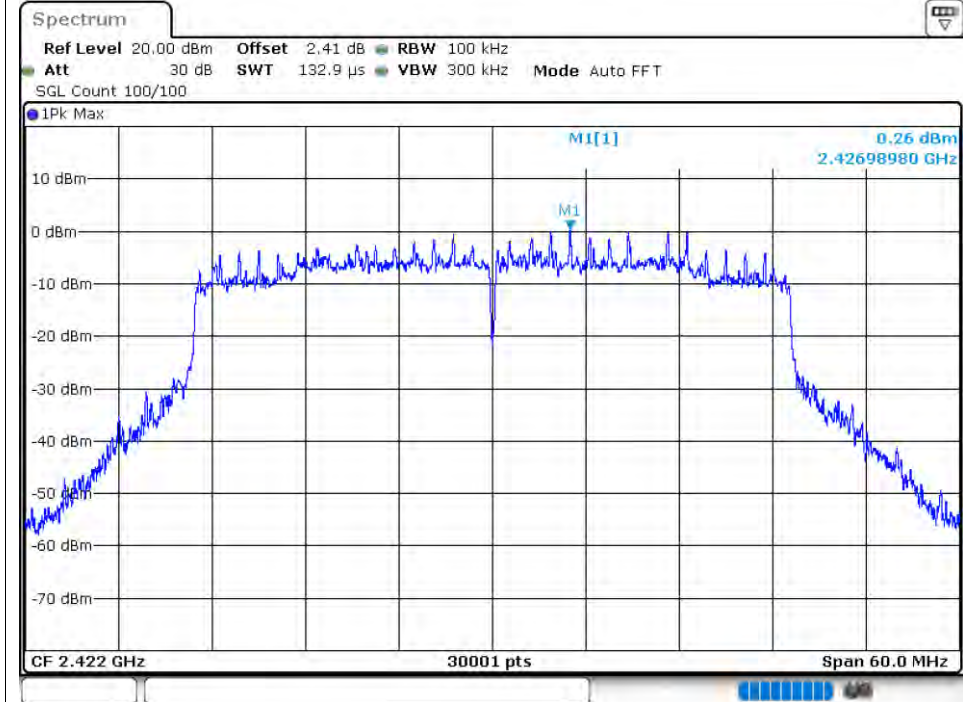
Tx. Spurious NVNT ax40 2452MHz Ant1 Ref



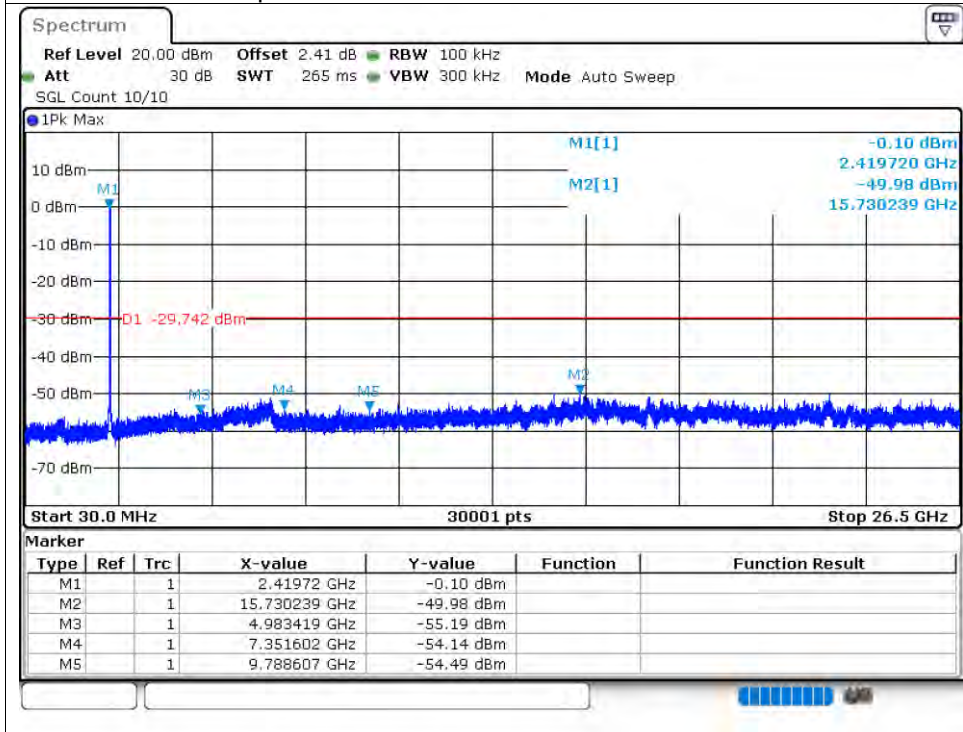
Tx. Spurious NVNT ax40 2452MHz Ant1 Emission



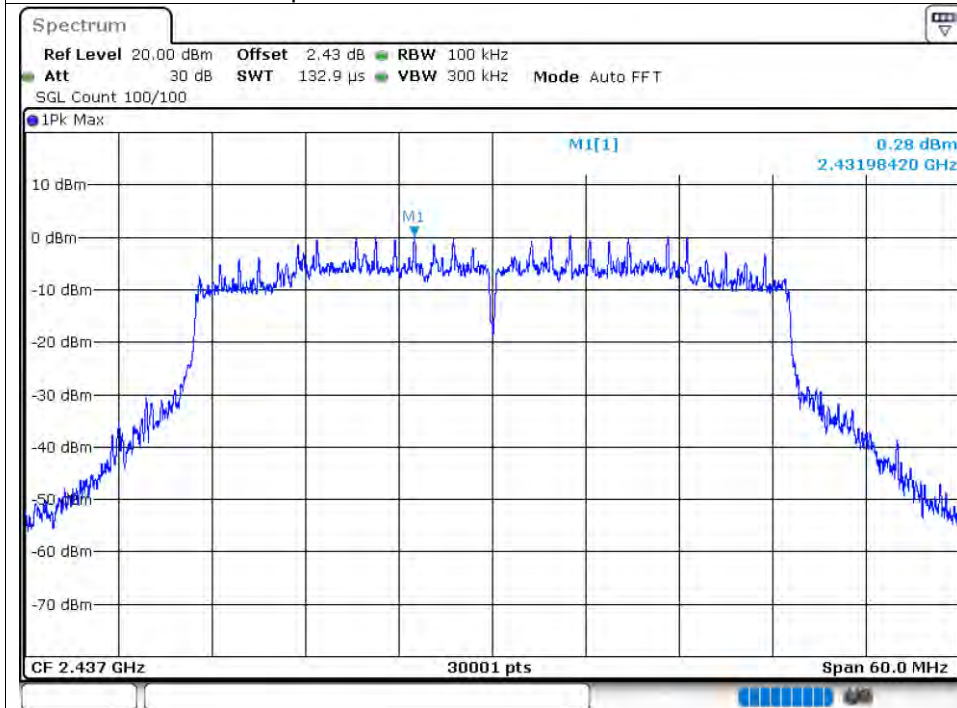
Tx. Spurious NVNT ax40 2422MHz Ant2 Ref



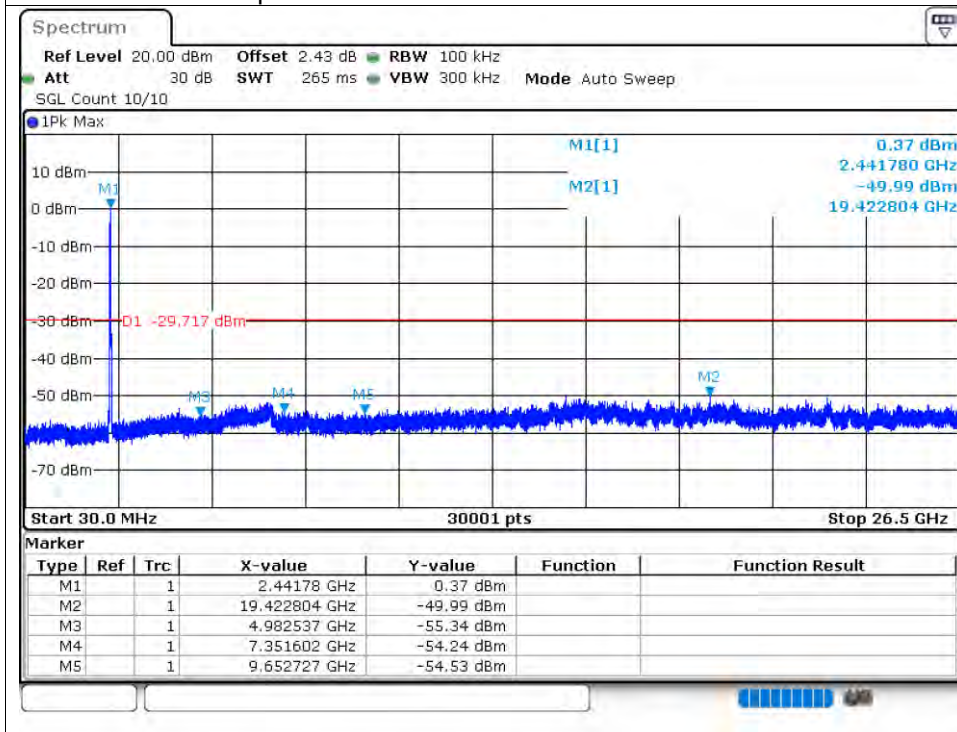
Tx. Spurious NVNT ax40 2422MHz Ant2 Emission

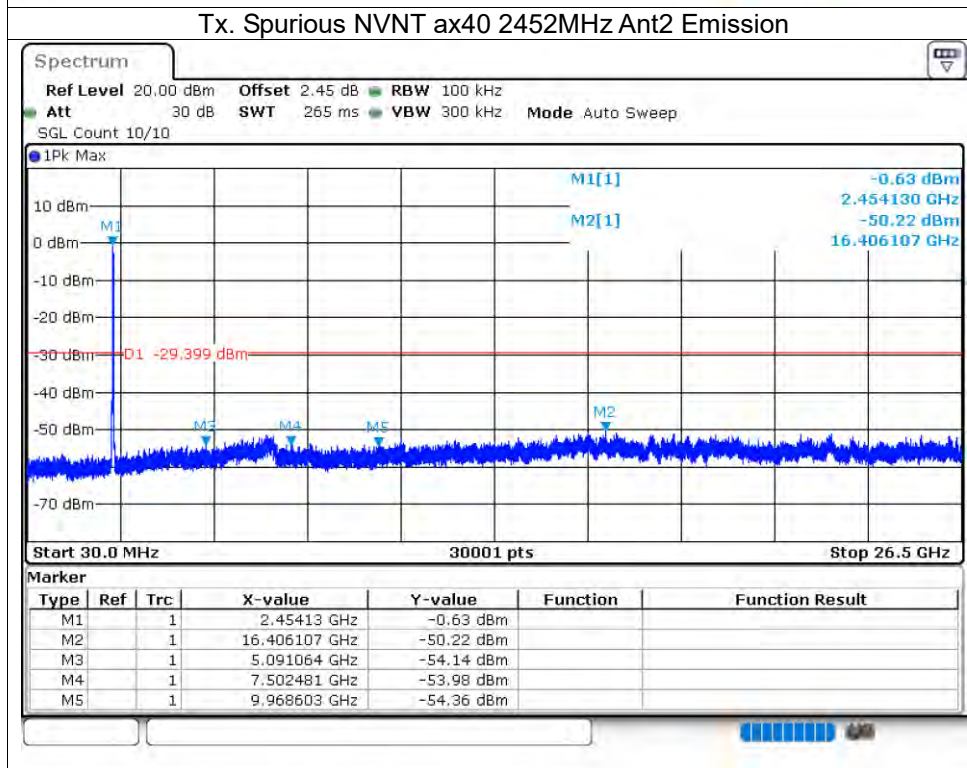
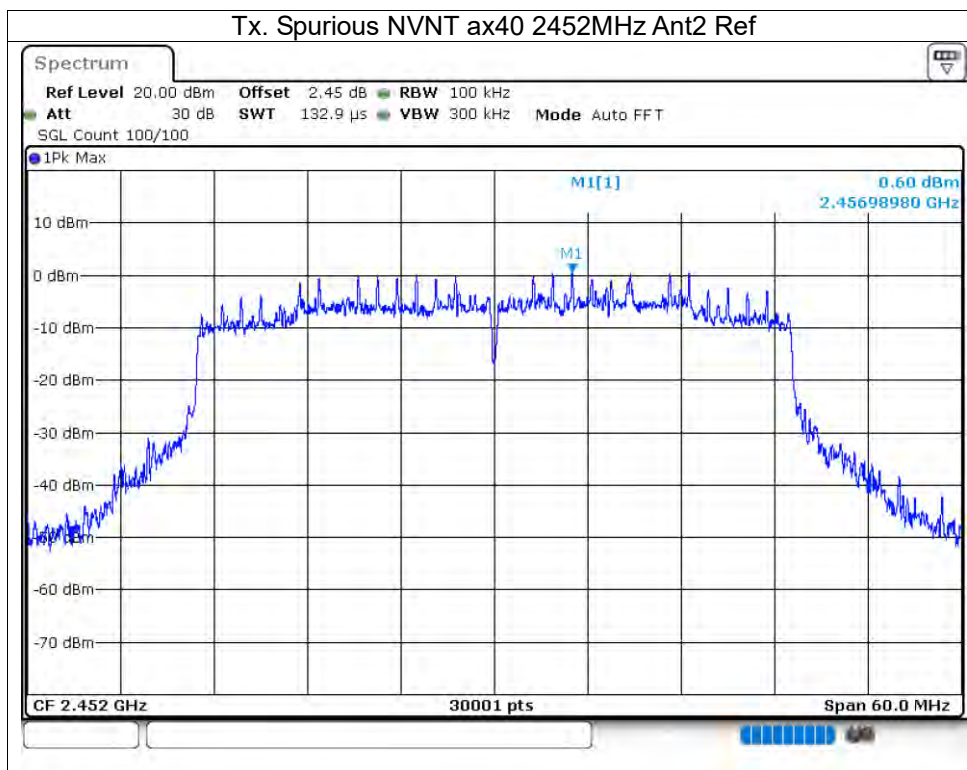


Tx. Spurious NVNT ax40 2437MHz Ant2 Ref



Tx. Spurious NVNT ax40 2437MHz Ant2 Emission

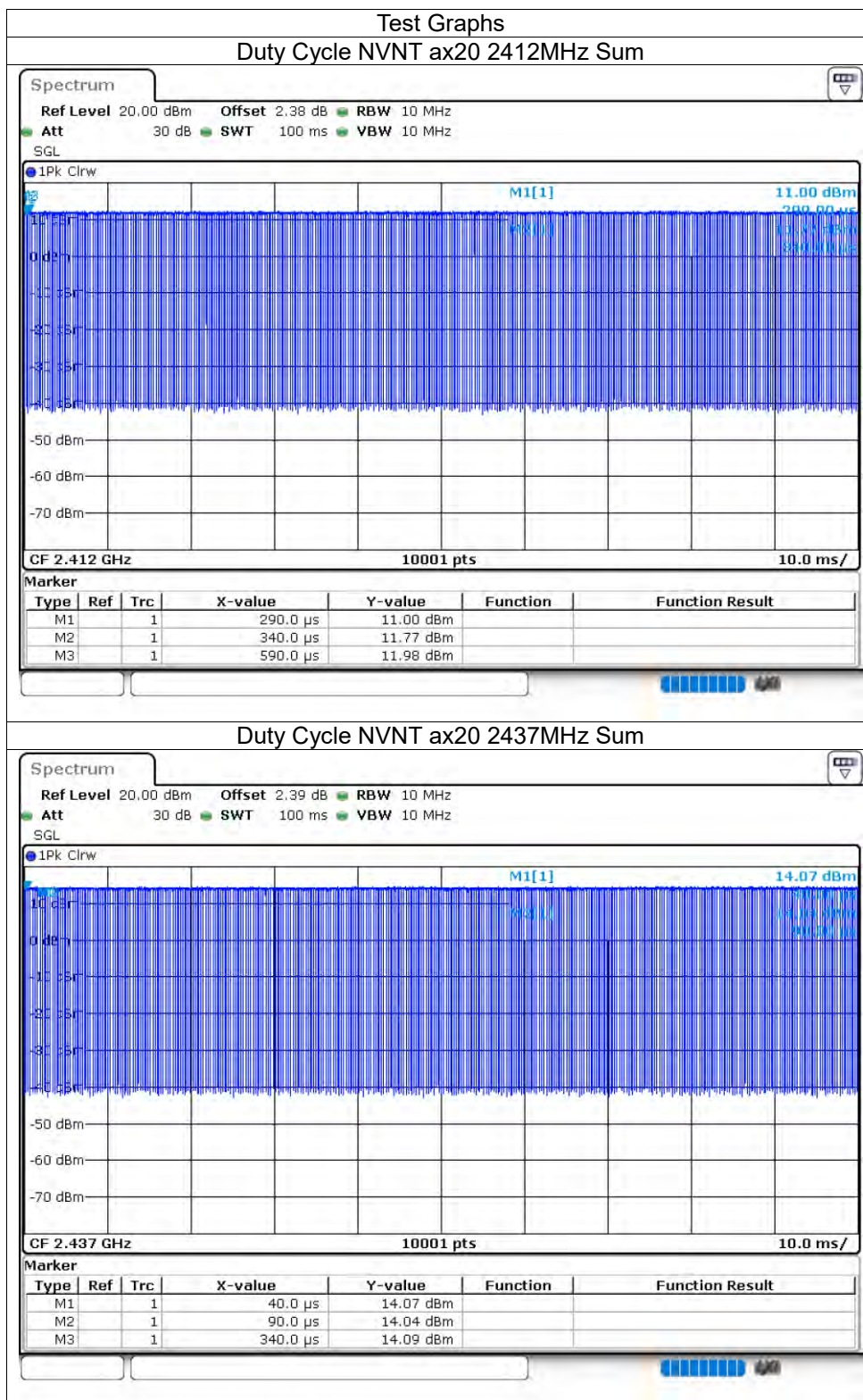


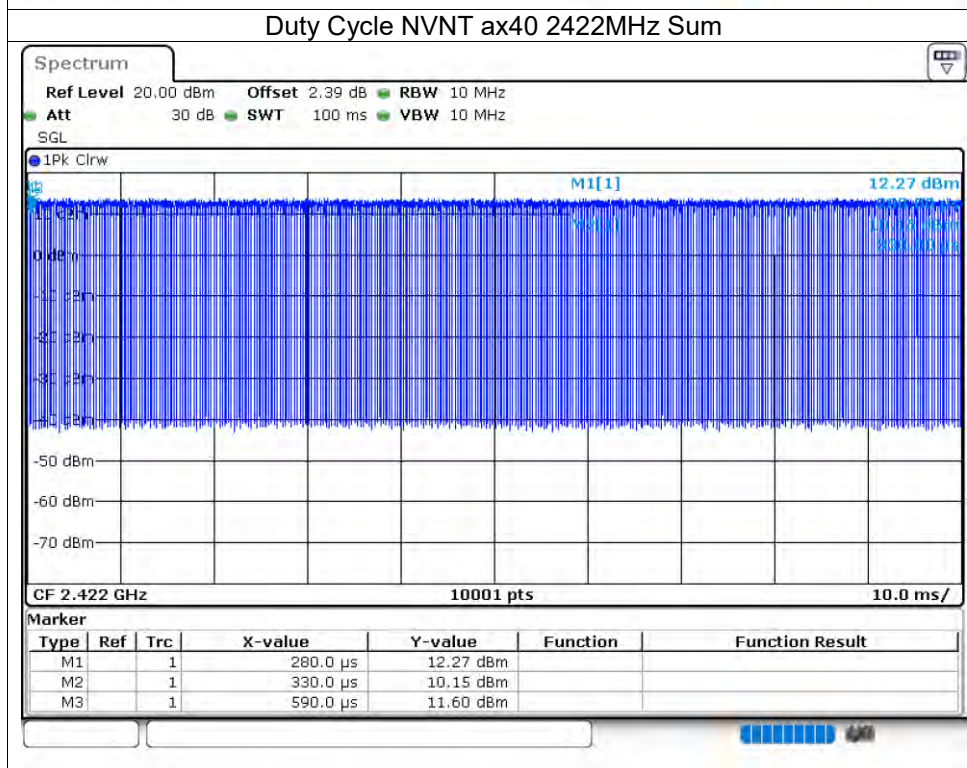
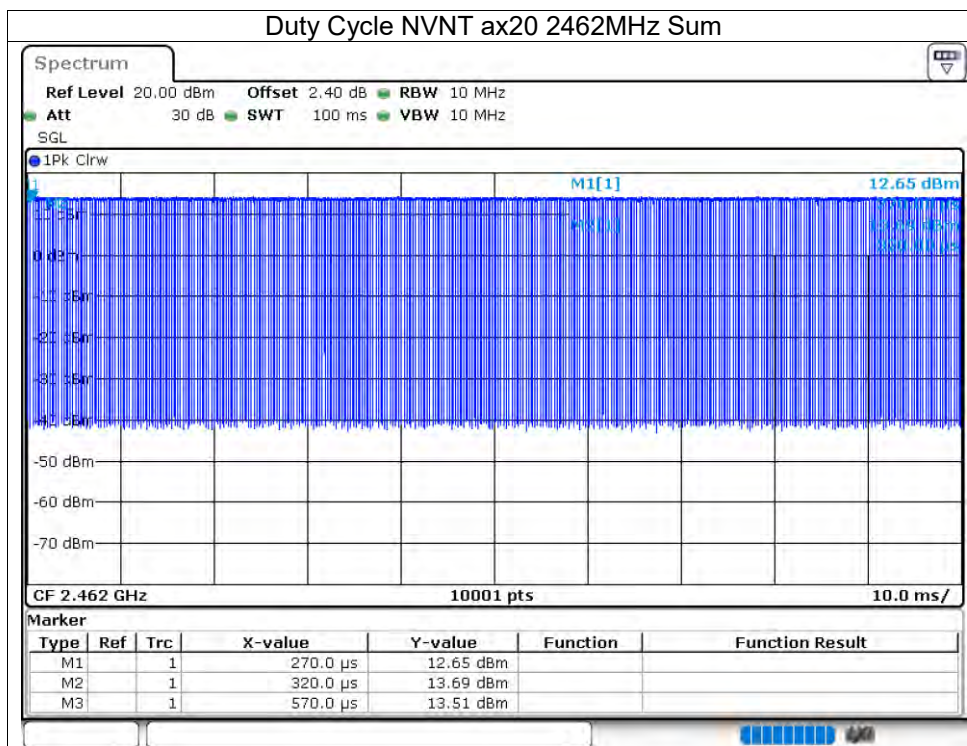


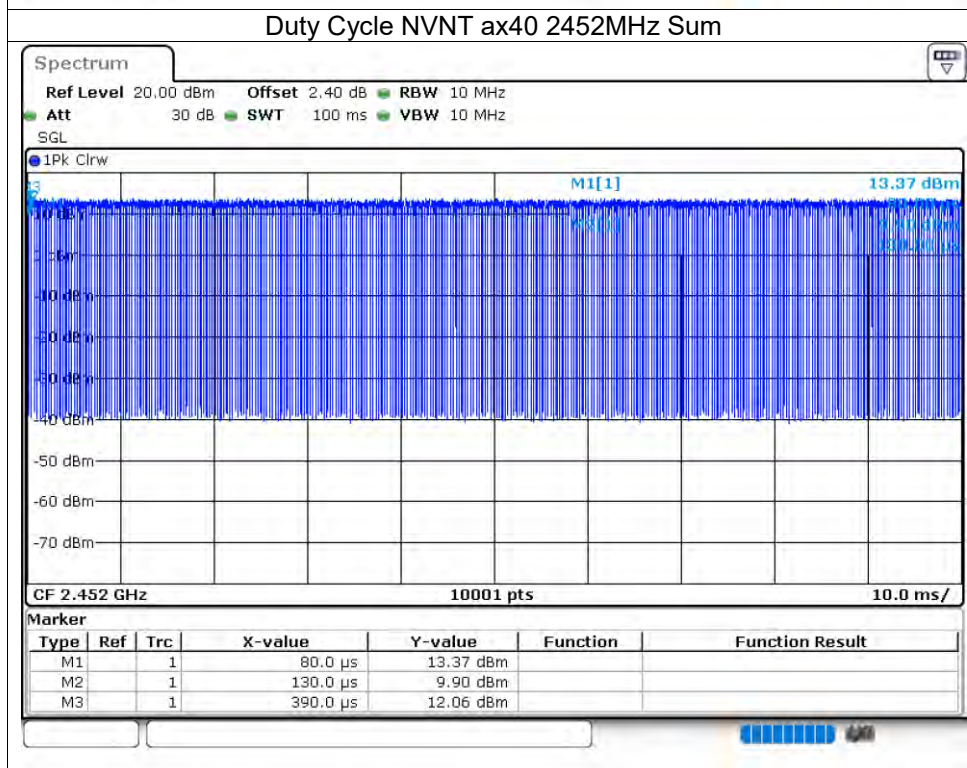
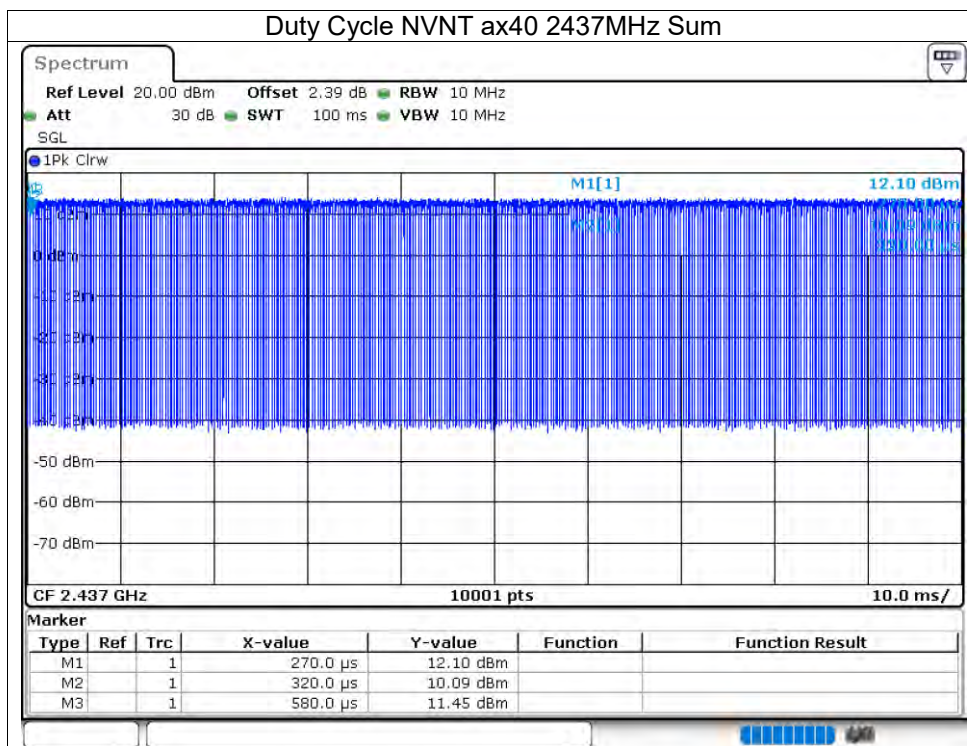
8.2 2.4G WIFI MIMO

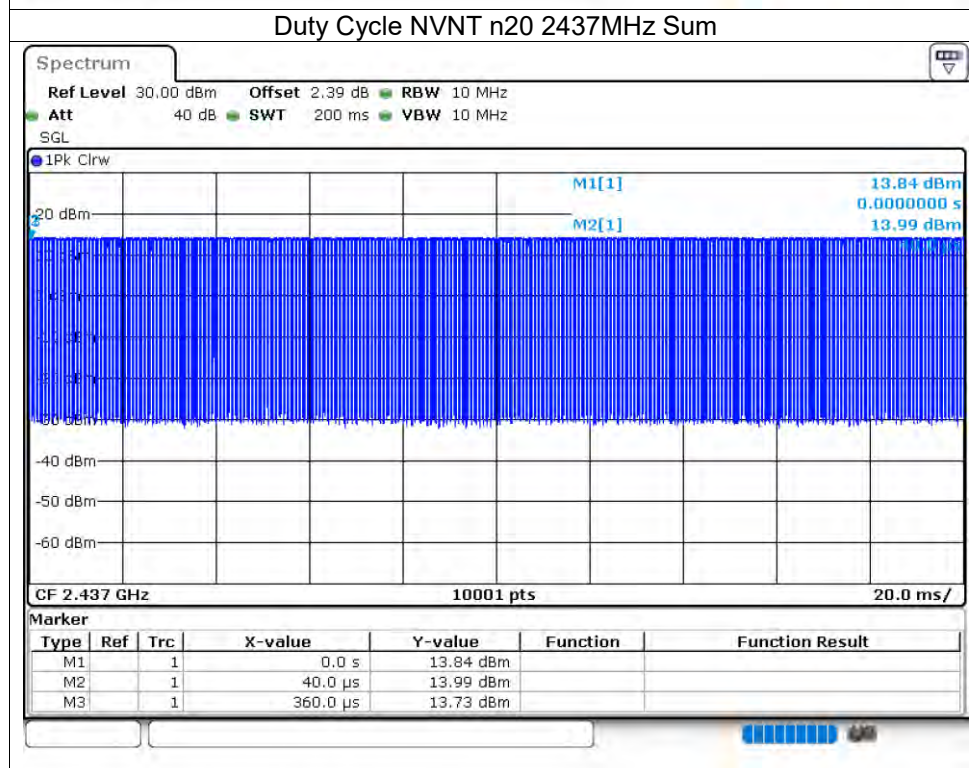
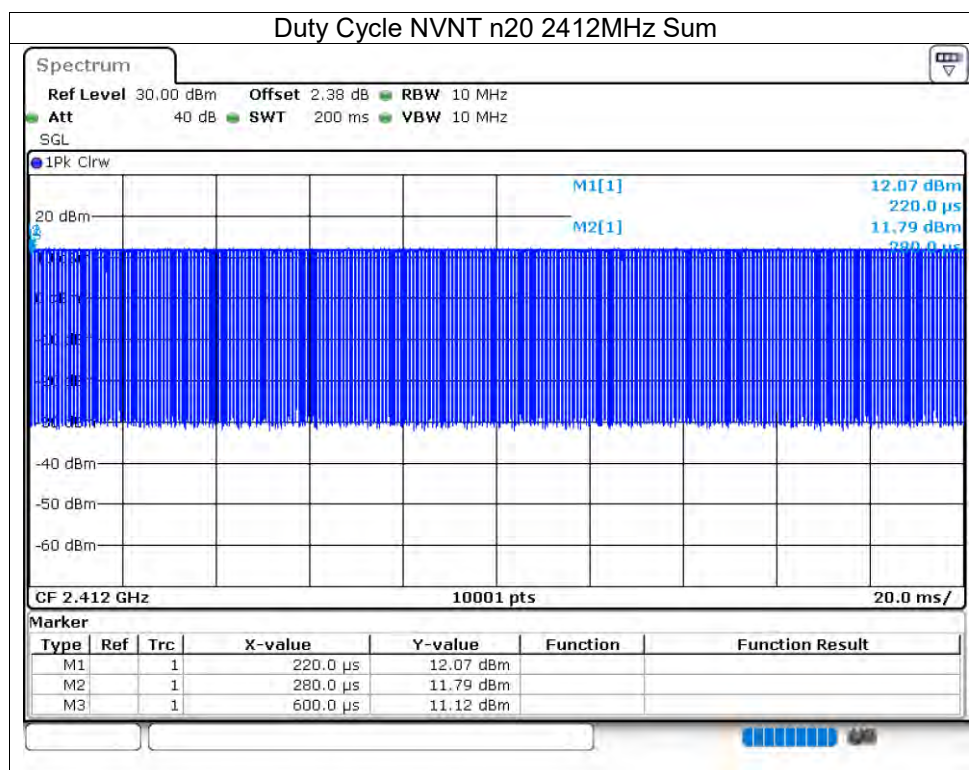
8.2.1 Duty Cycle

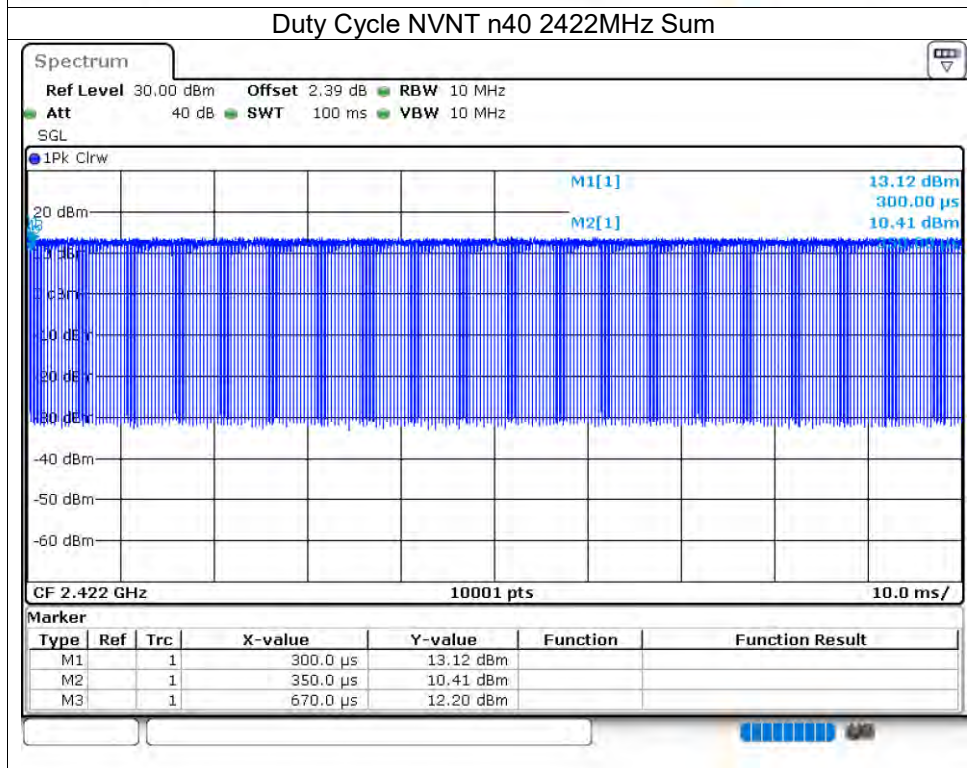
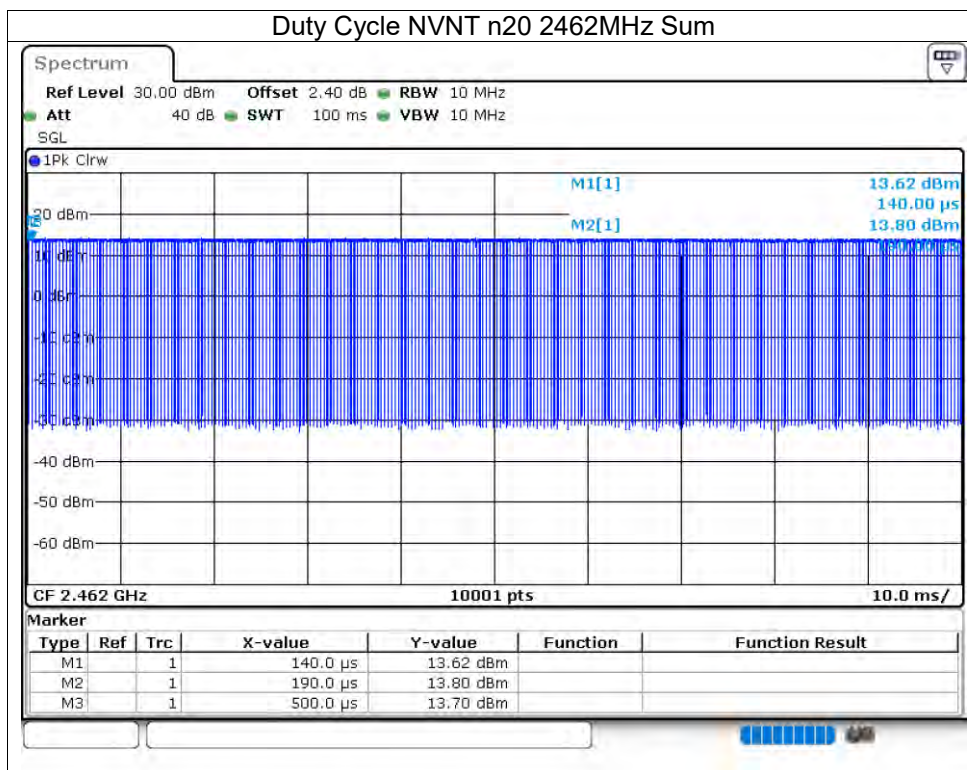
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ax20	2412	Sum	86.59	0.63	4
NVNT	ax20	2437	Sum	87.11	0.6	4
NVNT	ax20	2462	Sum	86.59	0.63	4
NVNT	ax40	2422	Sum	86.54	0.63	3.85
NVNT	ax40	2437	Sum	86.51	0.63	3.85
NVNT	ax40	2452	Sum	86.75	0.62	3.85
NVNT	n20	2412	Sum	91.49	0.39	3.13
NVNT	n20	2437	Sum	92.41	0.34	3.12
NVNT	n20	2462	Sum	88.8	0.52	3.23
NVNT	n40	2422	Sum	89.09	0.5	3.12
NVNT	n40	2437	Sum	89.12	0.5	3.13
NVNT	n40	2452	Sum	89.04	0.5	3.12

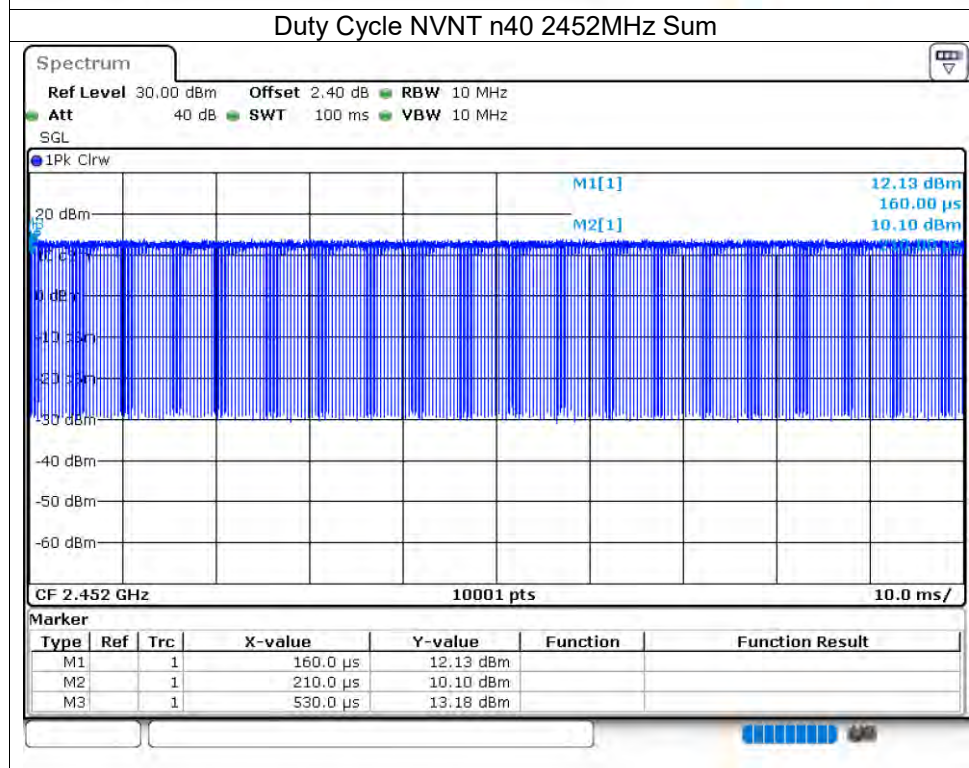
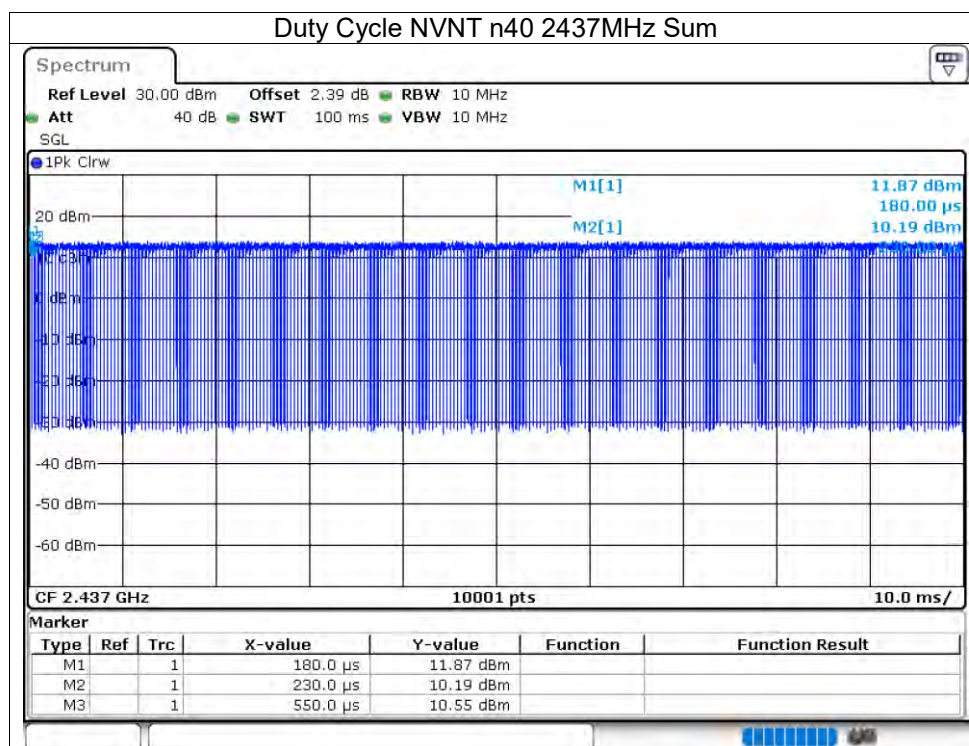










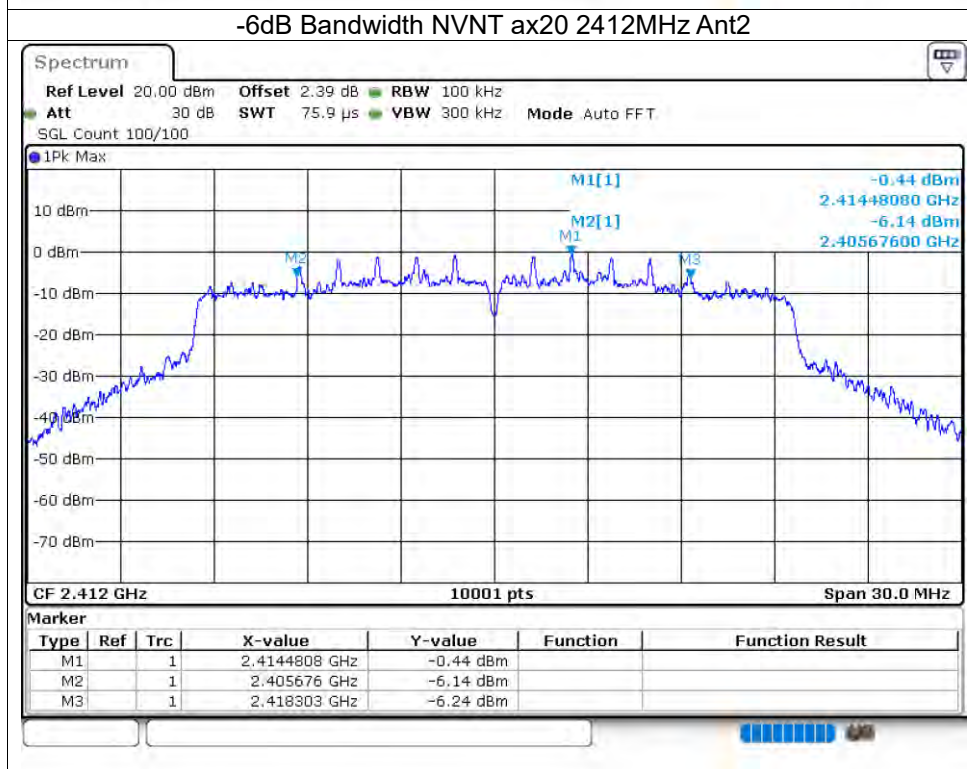
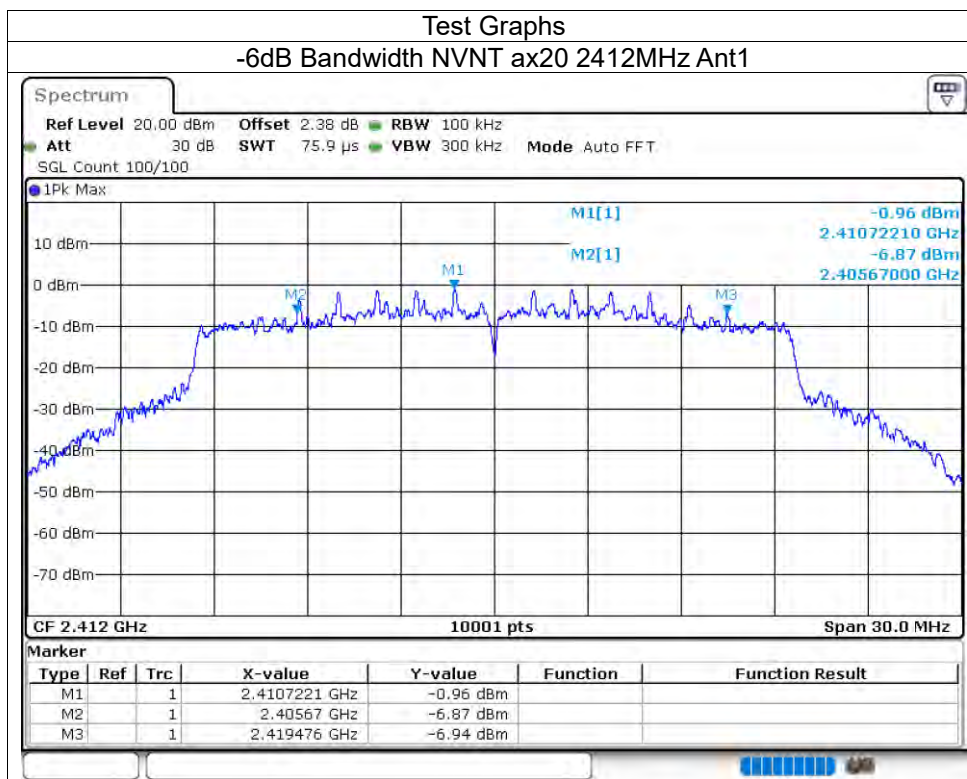


8.2.2 Maximum Conducted Output Power

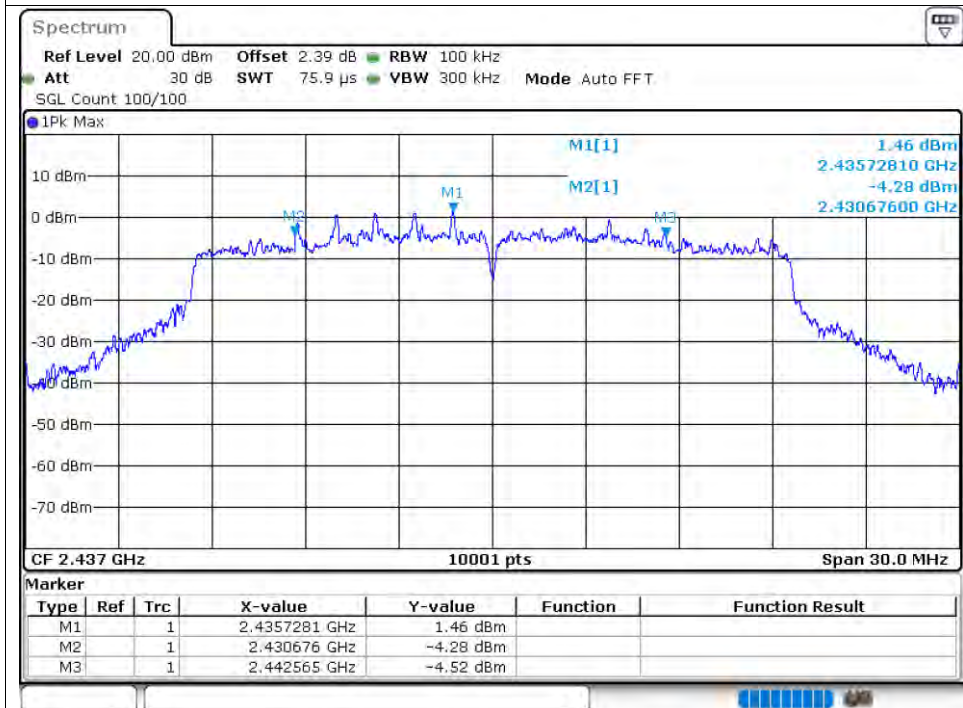
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ax20	2412	Ant1	10	30	Pass
NVNT	ax20	2412	Ant2	11.58	30	Pass
NVNT	ax20	2412	Sum	13.87	30	Pass
NVNT	ax20	2437	Ant1	11.6	30	Pass
NVNT	ax20	2437	Ant2	13.04	30	Pass
NVNT	ax20	2437	Sum	15.39	30	Pass
NVNT	ax20	2462	Ant1	11.24	30	Pass
NVNT	ax20	2462	Ant2	12.93	30	Pass
NVNT	ax20	2462	Sum	15.18	30	Pass
NVNT	ax40	2422	Ant1	11.54	30	Pass
NVNT	ax40	2422	Ant2	12.84	30	Pass
NVNT	ax40	2422	Sum	15.25	30	Pass
NVNT	ax40	2437	Ant1	11.79	30	Pass
NVNT	ax40	2437	Ant2	12.98	30	Pass
NVNT	ax40	2437	Sum	15.44	30	Pass
NVNT	ax40	2452	Ant1	11.37	30	Pass
NVNT	ax40	2452	Ant2	13.12	30	Pass
NVNT	ax40	2452	Sum	15.34	30	Pass
NVNT	n20	2412	Ant1	10.34	30	Pass
NVNT	n20	2412	Ant2	11.41	30	Pass
NVNT	n20	2412	Sum	13.92	30	Pass
NVNT	n20	2437	Ant1	10.85	30	Pass
NVNT	n20	2437	Ant2	12.78	30	Pass
NVNT	n20	2437	Sum	14.93	30	Pass
NVNT	n20	2462	Ant1	11.11	30	Pass
NVNT	n20	2462	Ant2	12.73	30	Pass
NVNT	n20	2462	Sum	15.01	30	Pass
NVNT	n40	2422	Ant1	11.85	30	Pass
NVNT	n40	2422	Ant2	13.04	30	Pass
NVNT	n40	2422	Sum	15.5	30	Pass
NVNT	n40	2437	Ant1	11.97	30	Pass
NVNT	n40	2437	Ant2	13.18	30	Pass
NVNT	n40	2437	Sum	15.63	30	Pass
NVNT	n40	2452	Ant1	11.27	30	Pass
NVNT	n40	2452	Ant2	13.27	30	Pass
NVNT	n40	2452	Sum	15.39	30	Pass

8.2.3 -6dB Bandwidth

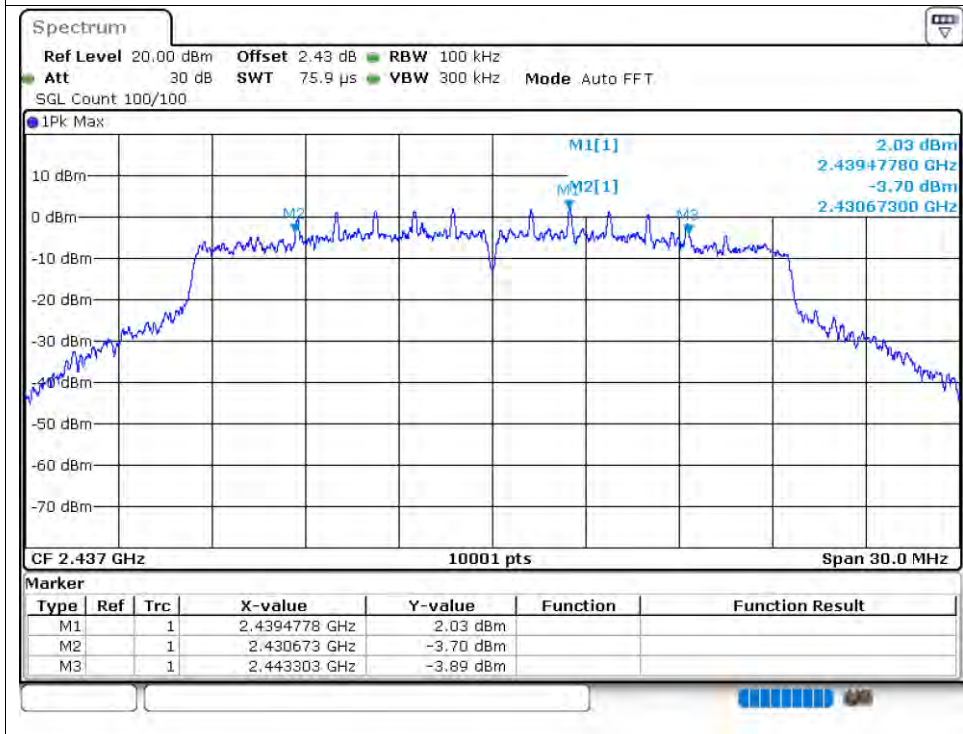
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	ax20	2412	Ant1	13.806	0.5	Pass
NVNT	ax20	2412	Ant2	12.627	0.5	Pass
NVNT	ax20	2437	Ant1	11.889	0.5	Pass
NVNT	ax20	2437	Ant2	12.63	0.5	Pass
NVNT	ax20	2462	Ant1	11.361	0.5	Pass
NVNT	ax20	2462	Ant2	12.624	0.5	Pass
NVNT	ax40	2422	Ant1	30.492	0.5	Pass
NVNT	ax40	2422	Ant2	35.082	0.5	Pass
NVNT	ax40	2437	Ant1	30.126	0.5	Pass
NVNT	ax40	2437	Ant2	35.088	0.5	Pass
NVNT	ax40	2452	Ant1	30.072	0.5	Pass
NVNT	ax40	2452	Ant2	33.846	0.5	Pass
NVNT	n20	2412	Ant1	13.86	0.5	Pass
NVNT	n20	2412	Ant2	12.57	0.5	Pass
NVNT	n20	2437	Ant1	13.851	0.5	Pass
NVNT	n20	2437	Ant2	12.618	0.5	Pass
NVNT	n20	2462	Ant1	13.863	0.5	Pass
NVNT	n20	2462	Ant2	13.77	0.5	Pass
NVNT	n40	2422	Ant1	30.102	0.5	Pass
NVNT	n40	2422	Ant2	35.082	0.5	Pass
NVNT	n40	2437	Ant1	28.842	0.5	Pass
NVNT	n40	2437	Ant2	35.076	0.5	Pass
NVNT	n40	2452	Ant1	30.036	0.5	Pass
NVNT	n40	2452	Ant2	35.07	0.5	Pass



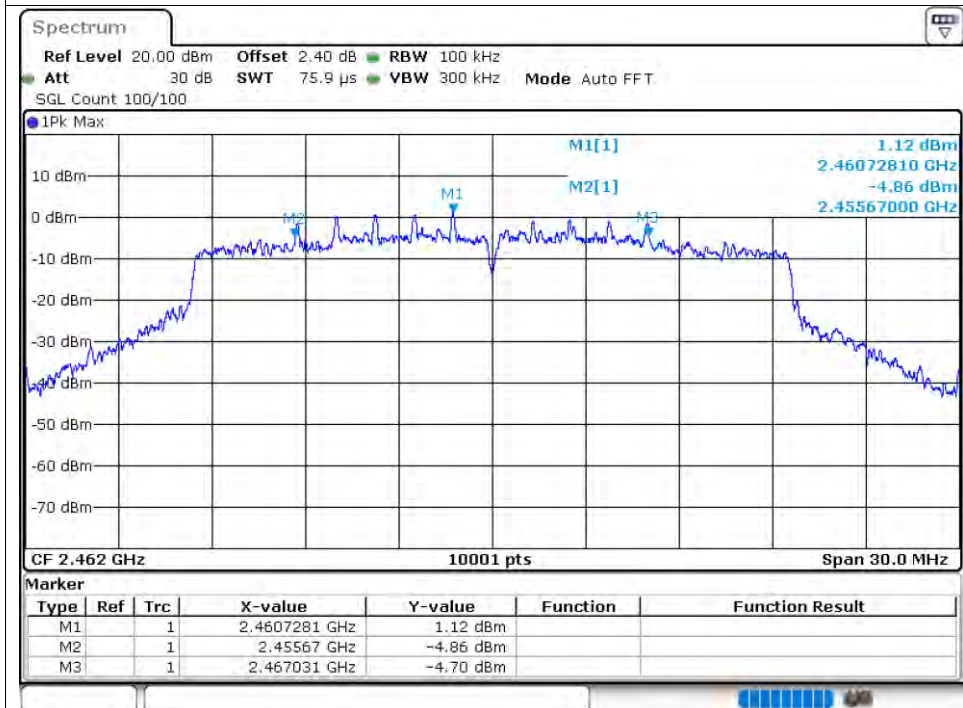
-6dB Bandwidth NVNT ax20 2437MHz Ant1



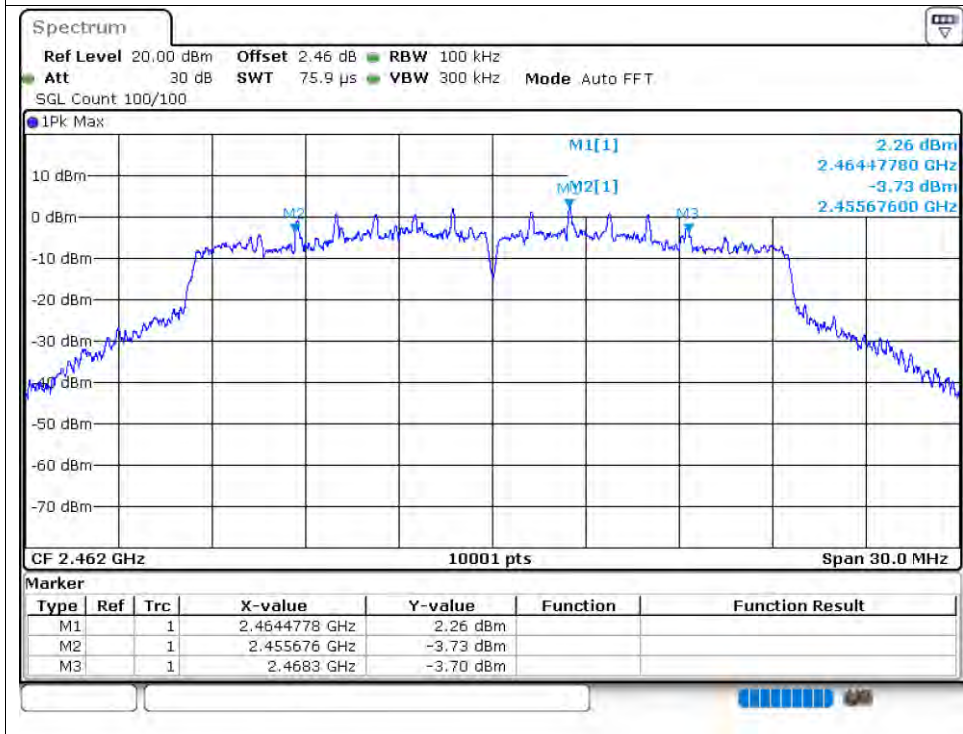
-6dB Bandwidth NVNT ax20 2437MHz Ant2



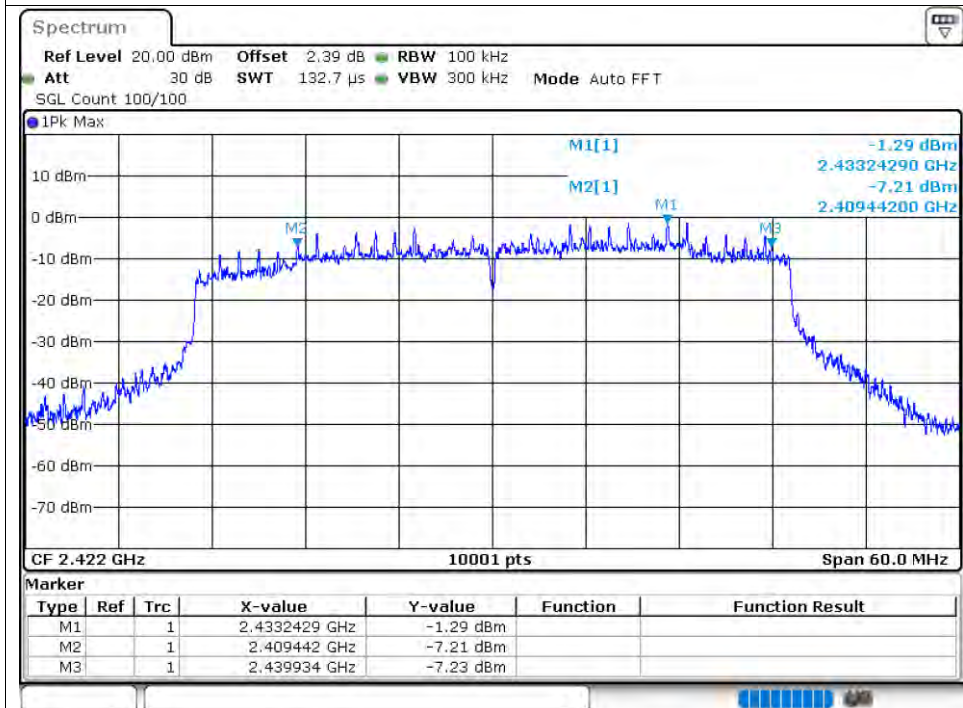
-6dB Bandwidth NVNT ax20 2462MHz Ant1



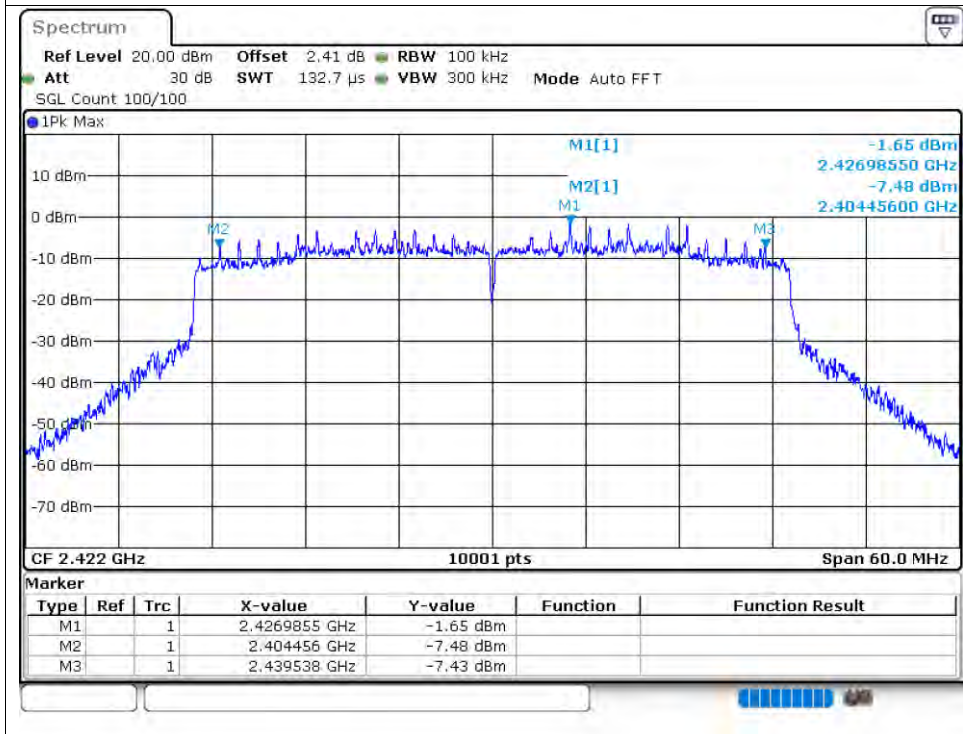
-6dB Bandwidth NVNT ax20 2462MHz Ant2



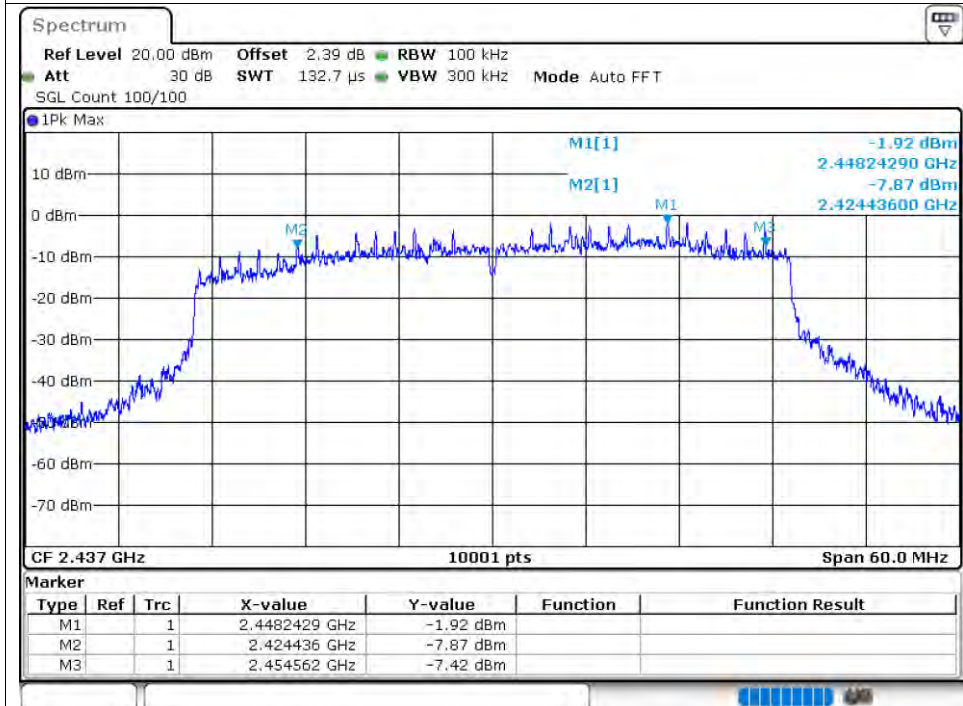
-6dB Bandwidth NVNT ax40 2422MHz Ant1



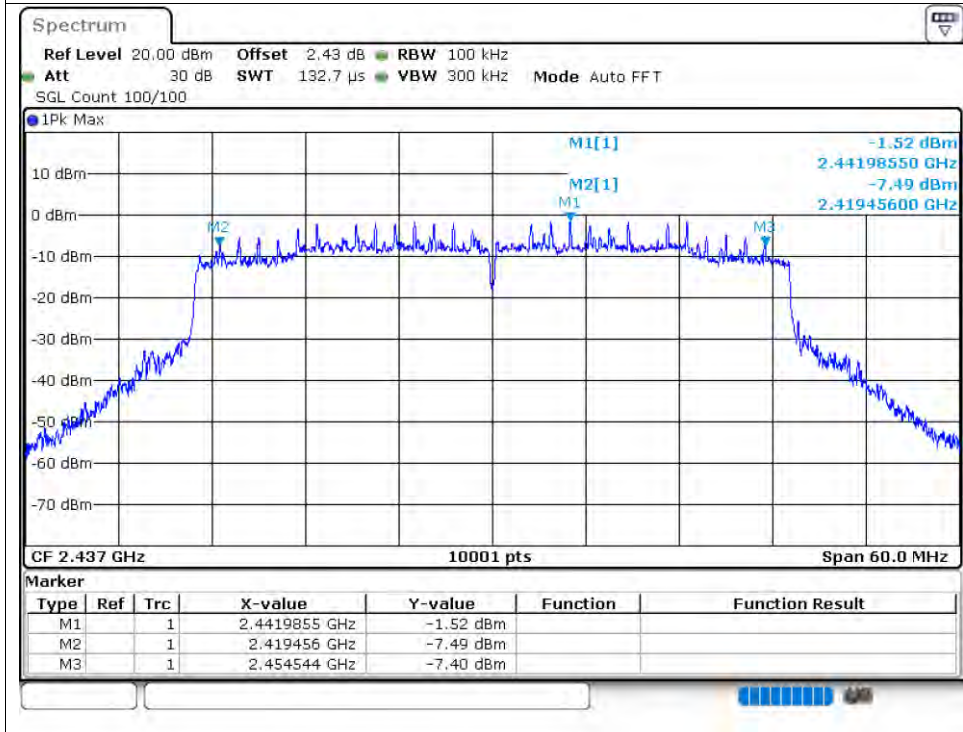
-6dB Bandwidth NVNT ax40 2422MHz Ant2



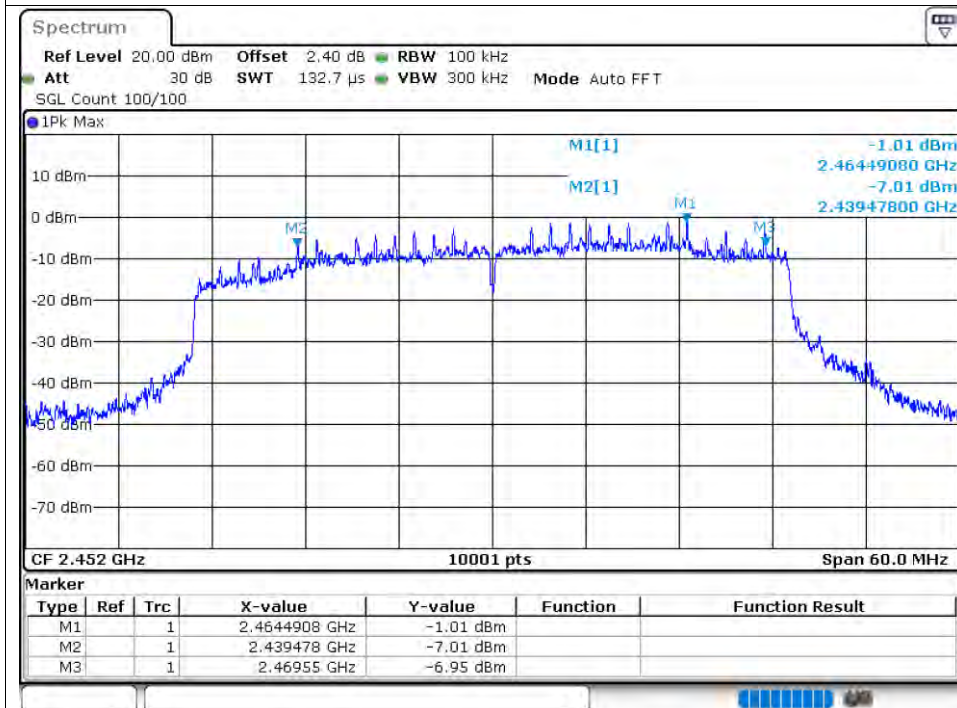
-6dB Bandwidth NVNT ax40 2437MHz Ant1



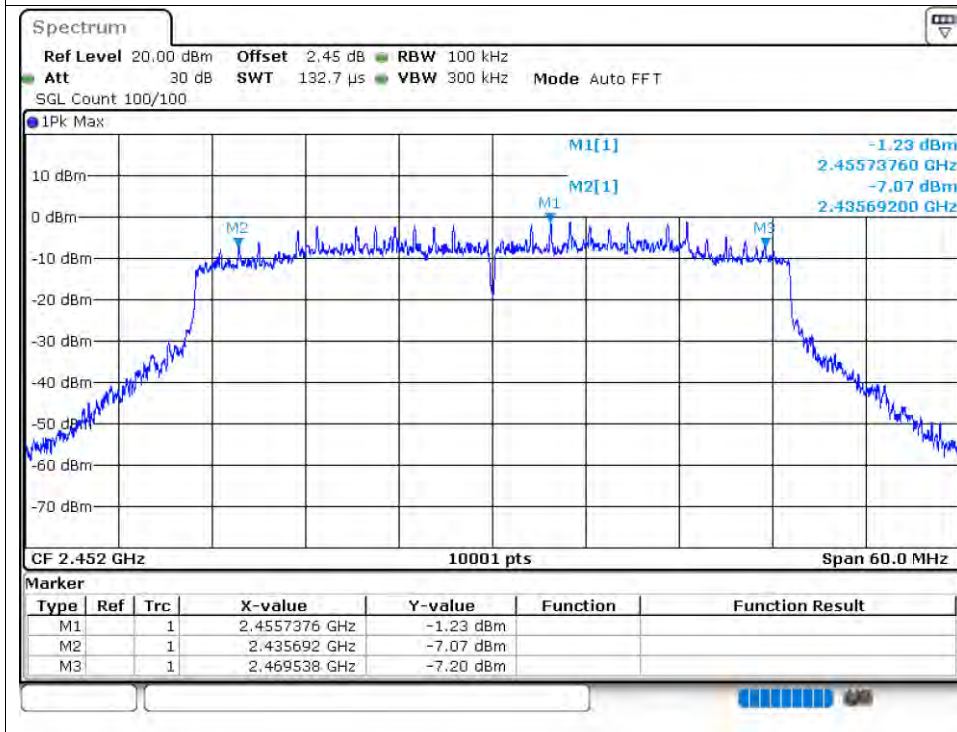
-6dB Bandwidth NVNT ax40 2437MHz Ant2

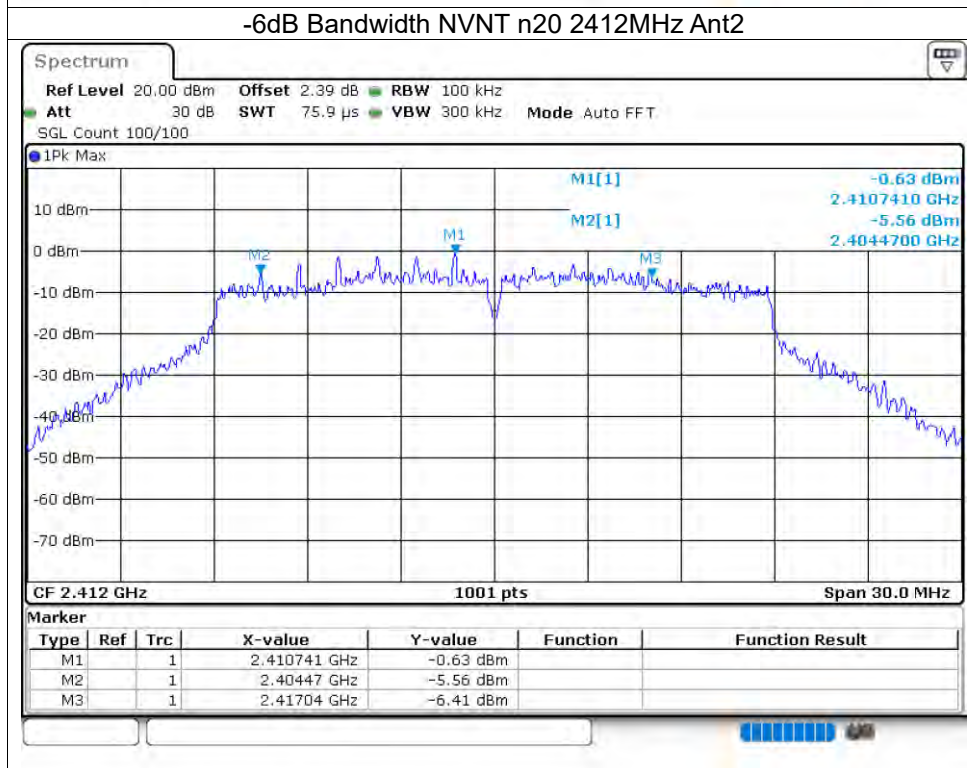
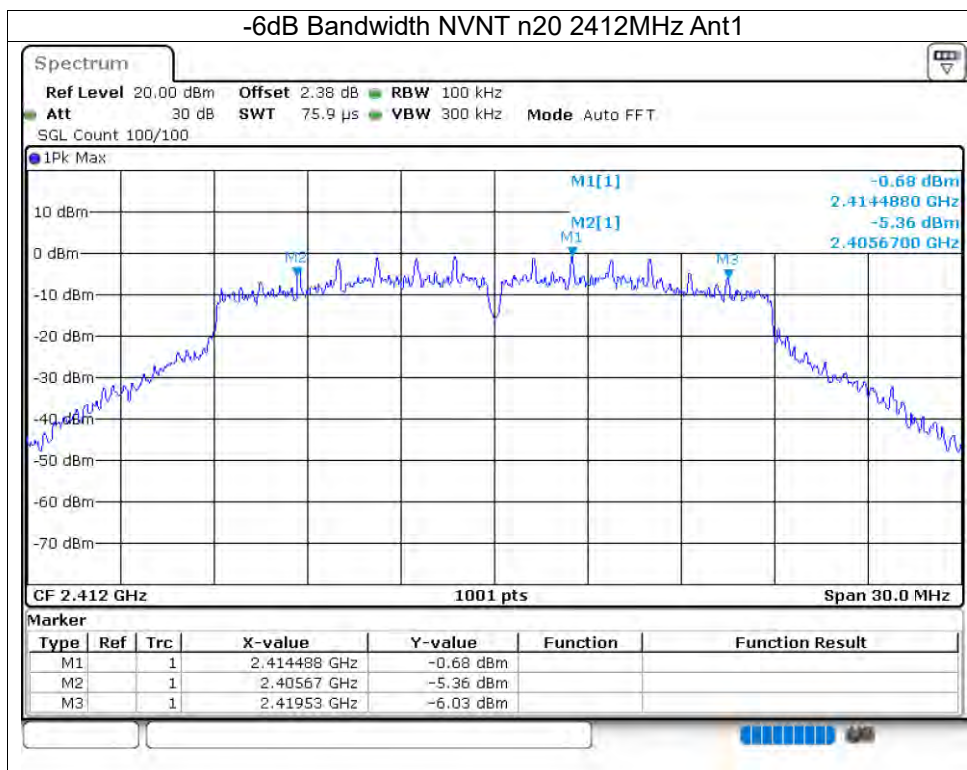


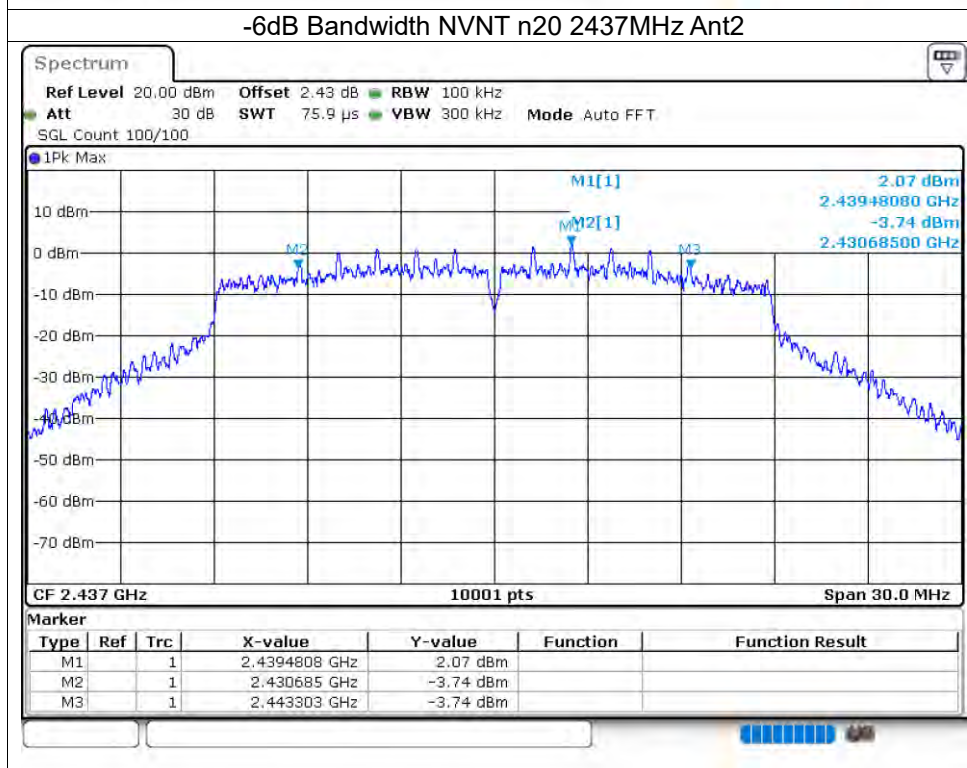
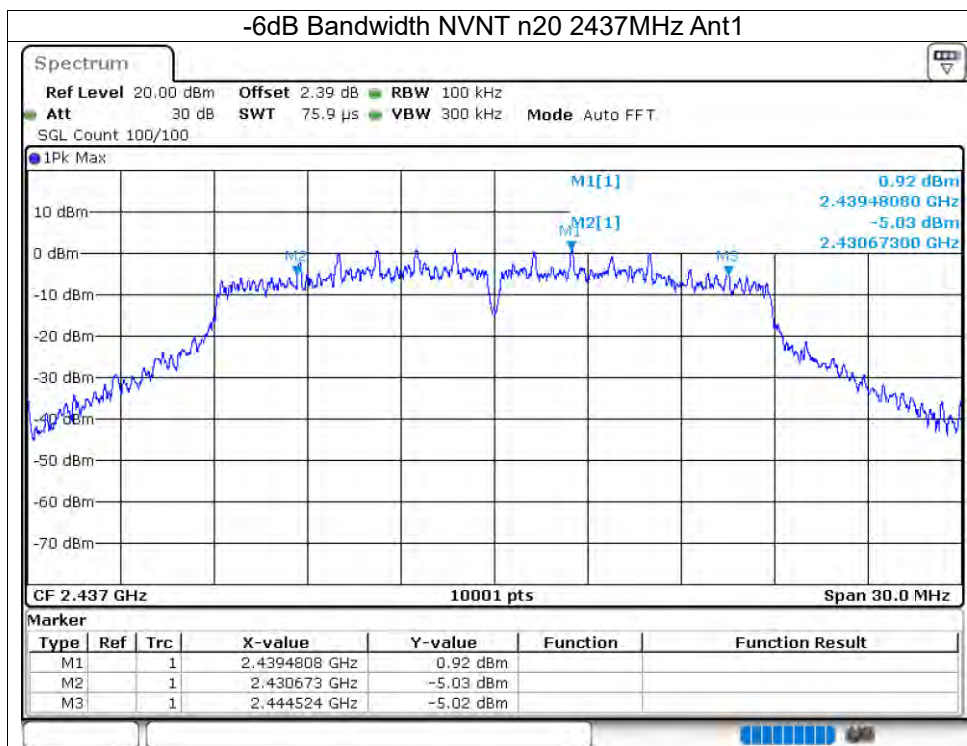
-6dB Bandwidth NVNT ax40 2452MHz Ant1

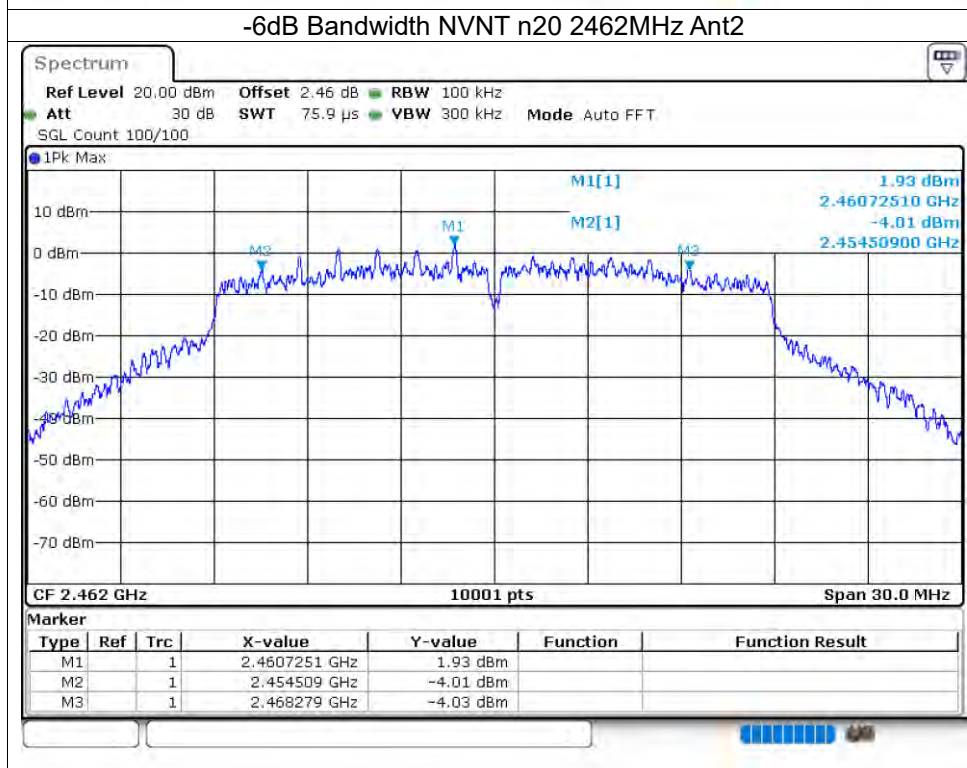
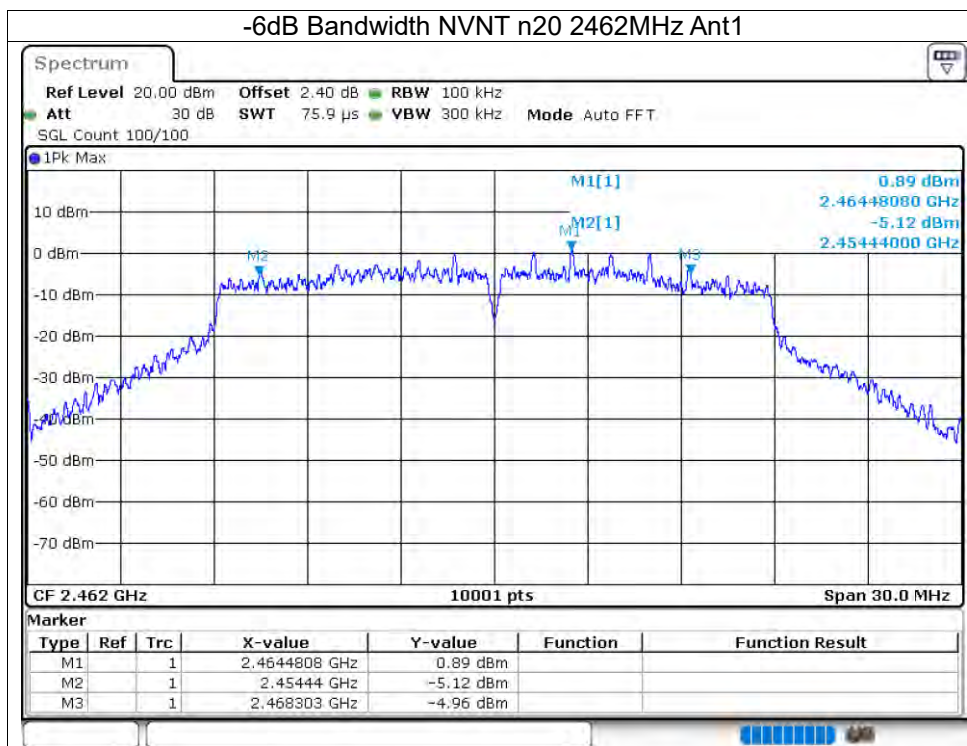


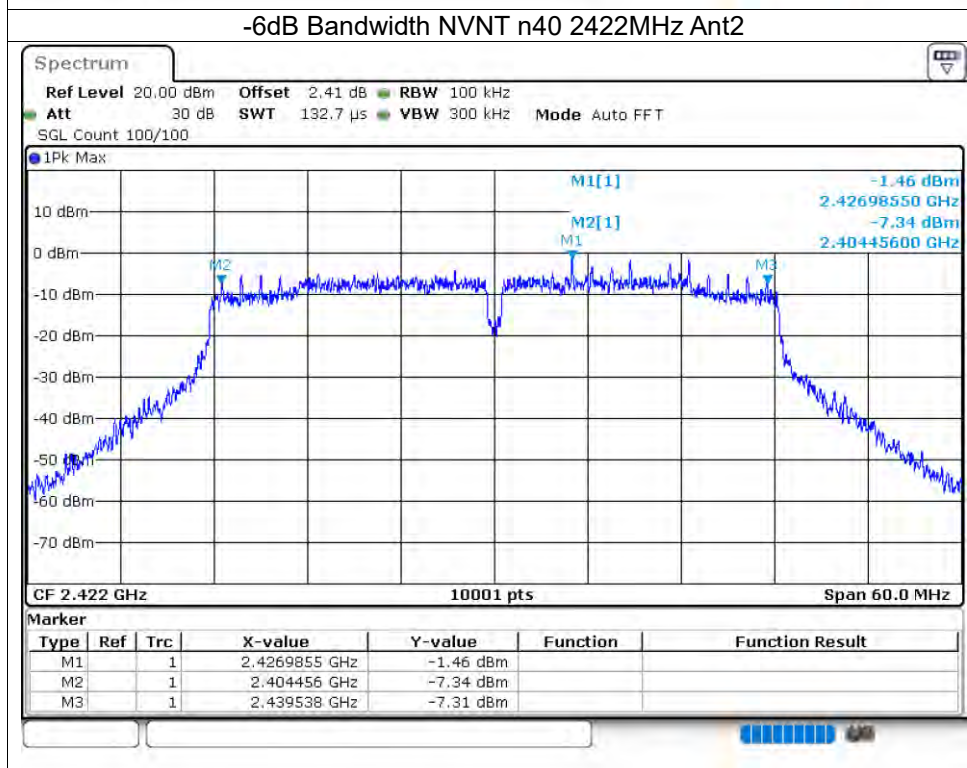
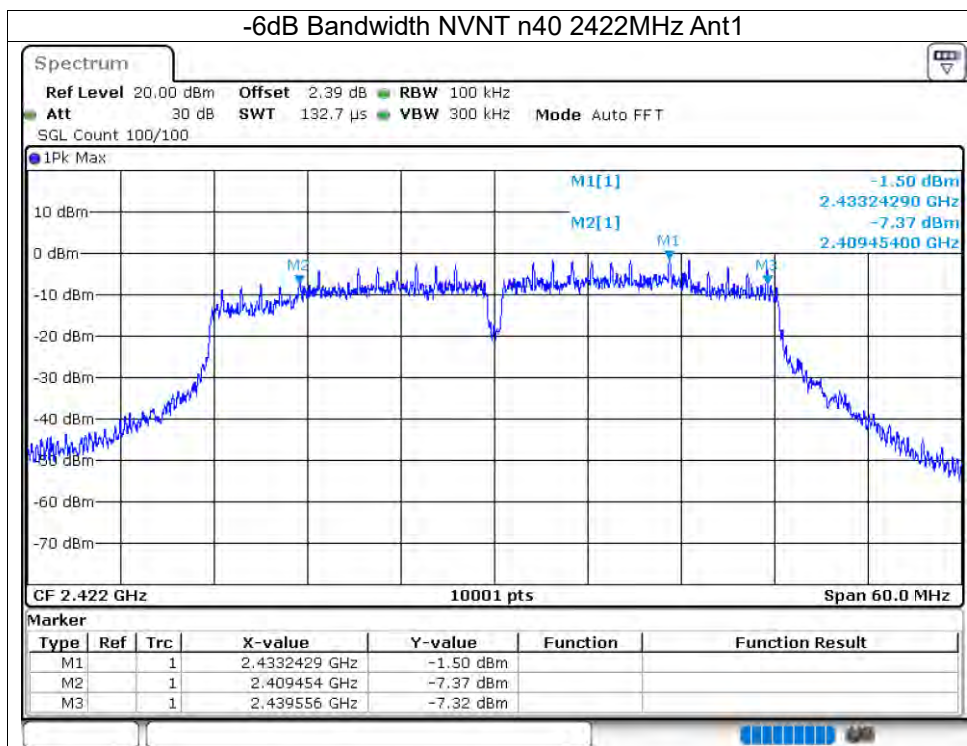
-6dB Bandwidth NVNT ax40 2452MHz Ant2

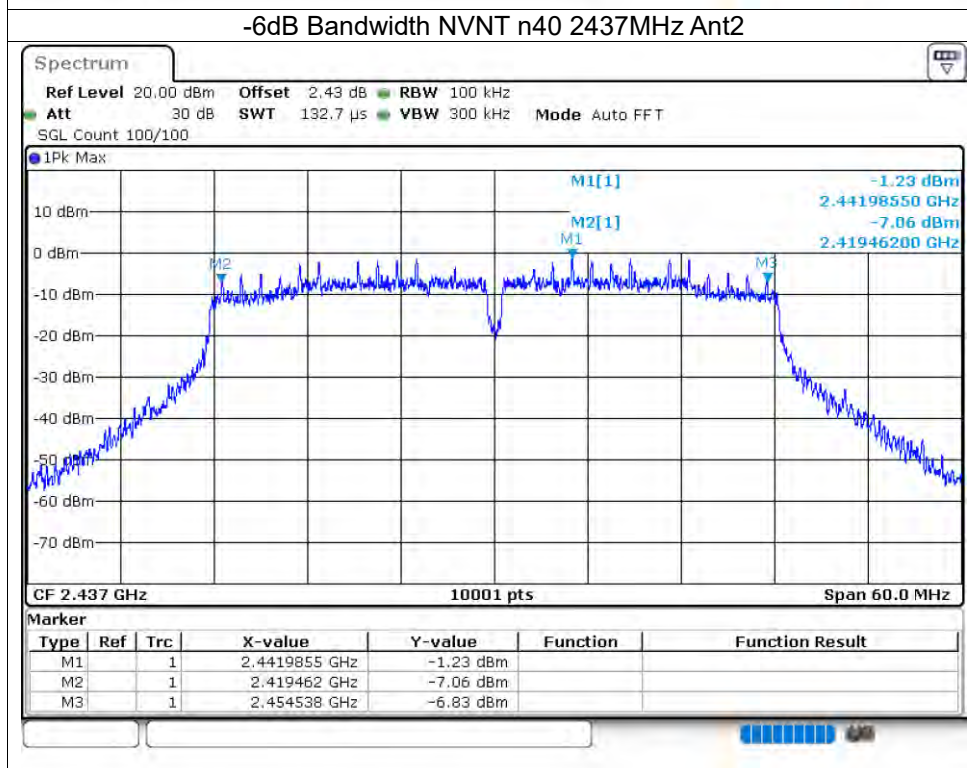
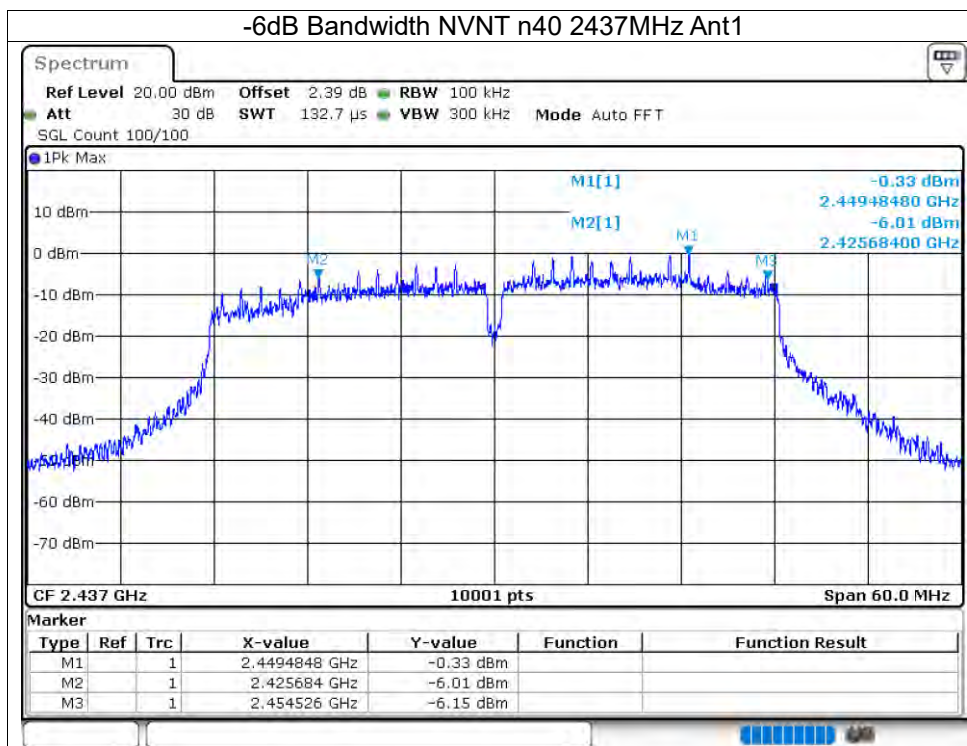


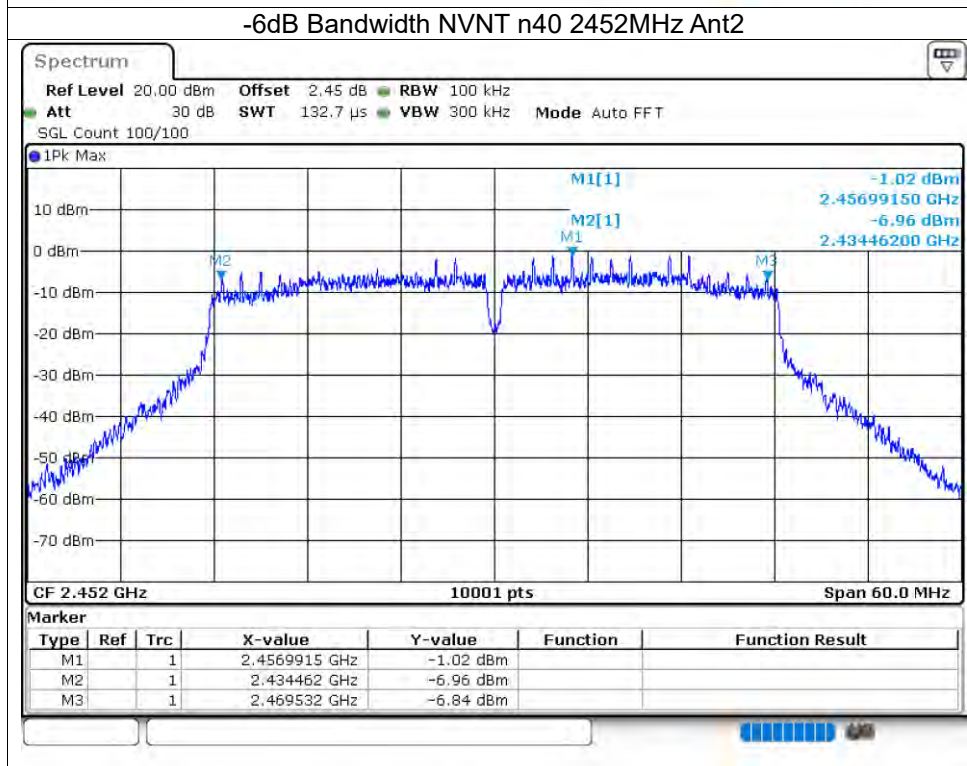
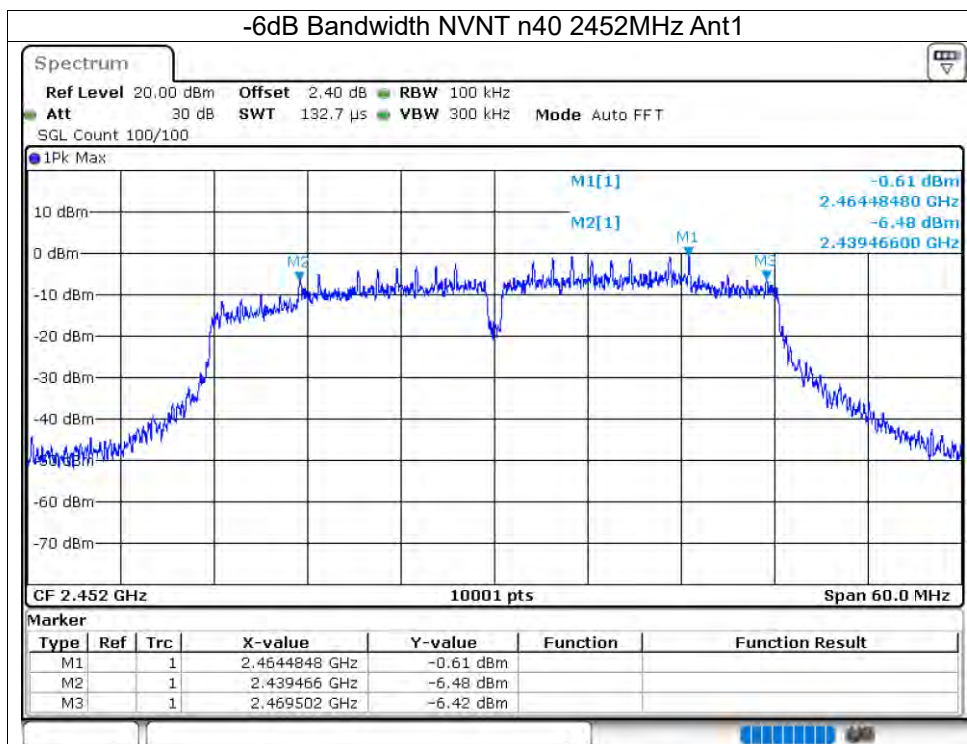






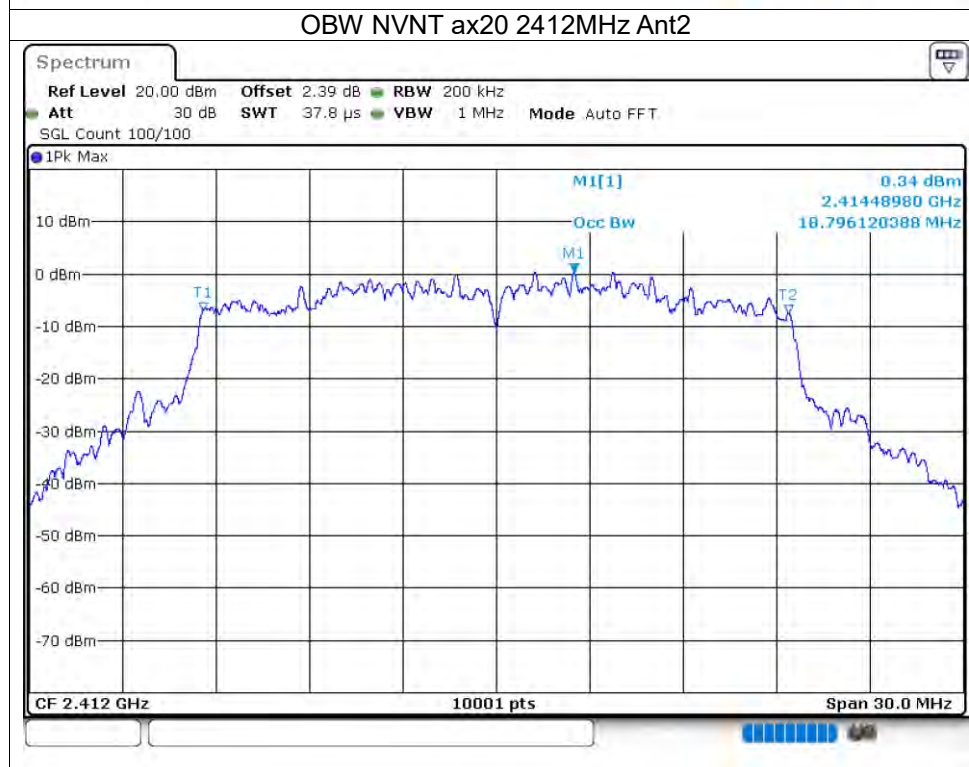
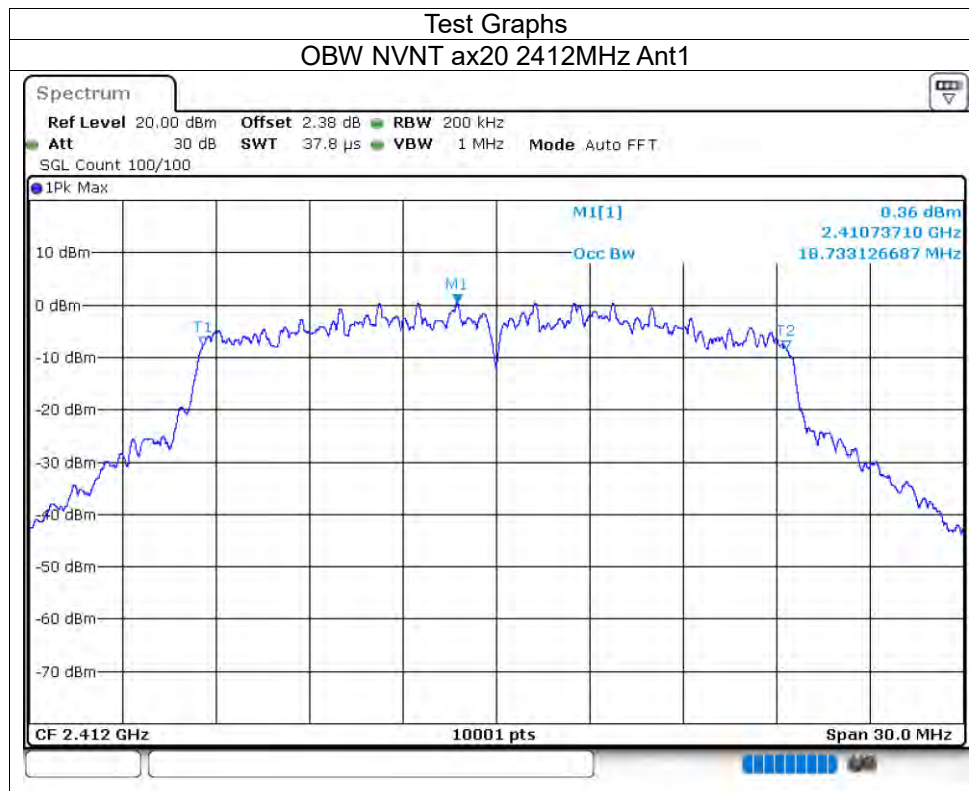


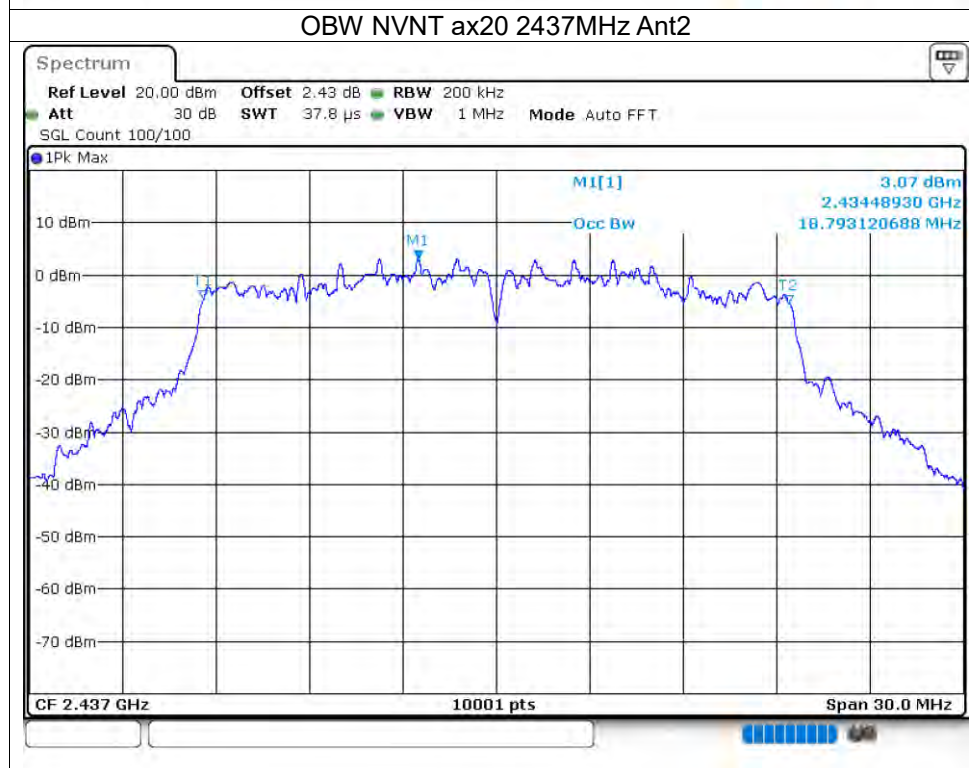
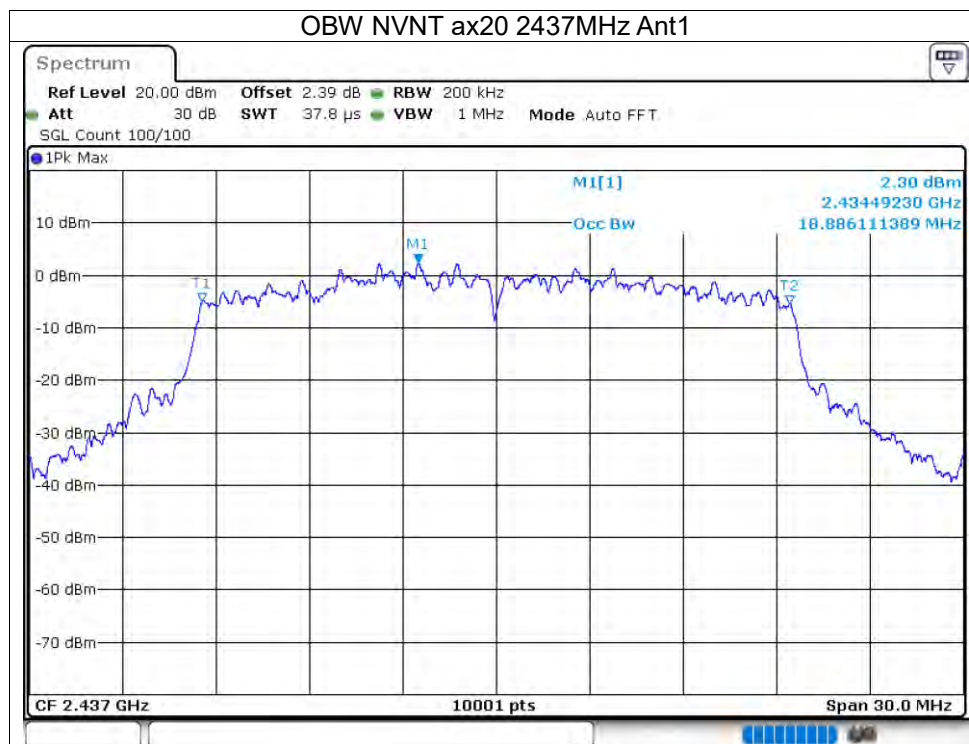


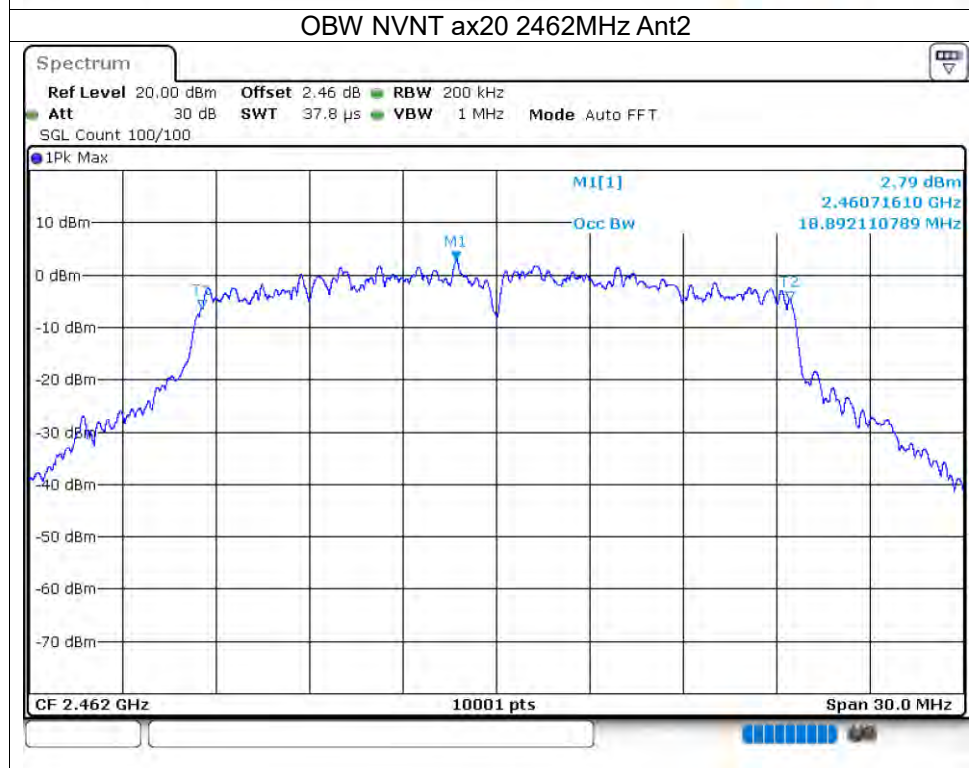
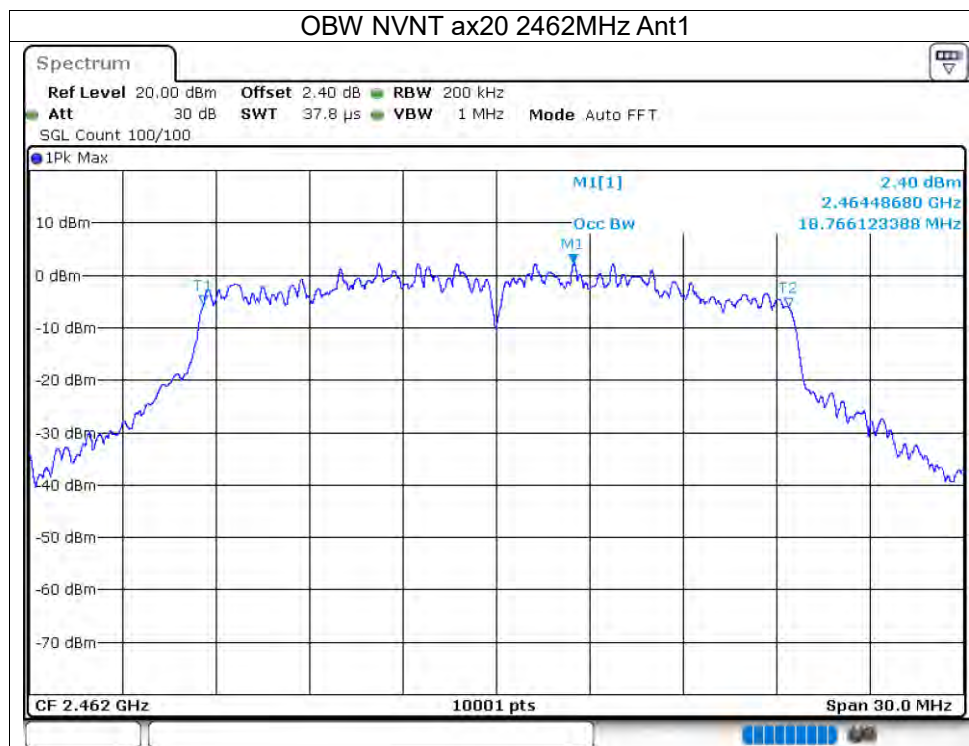


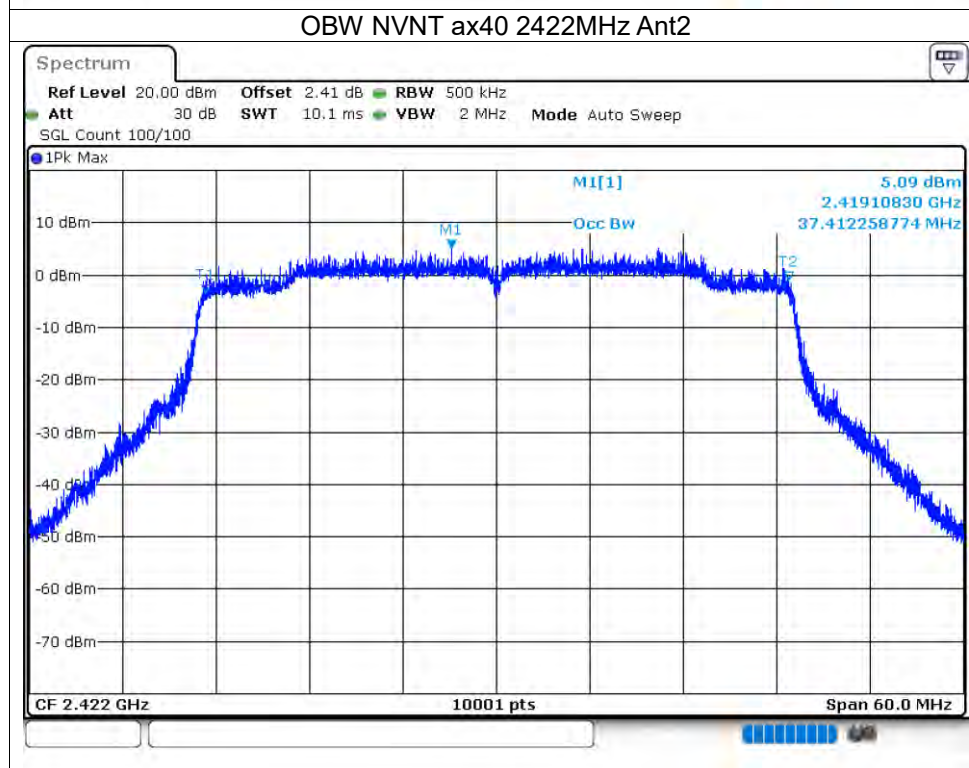
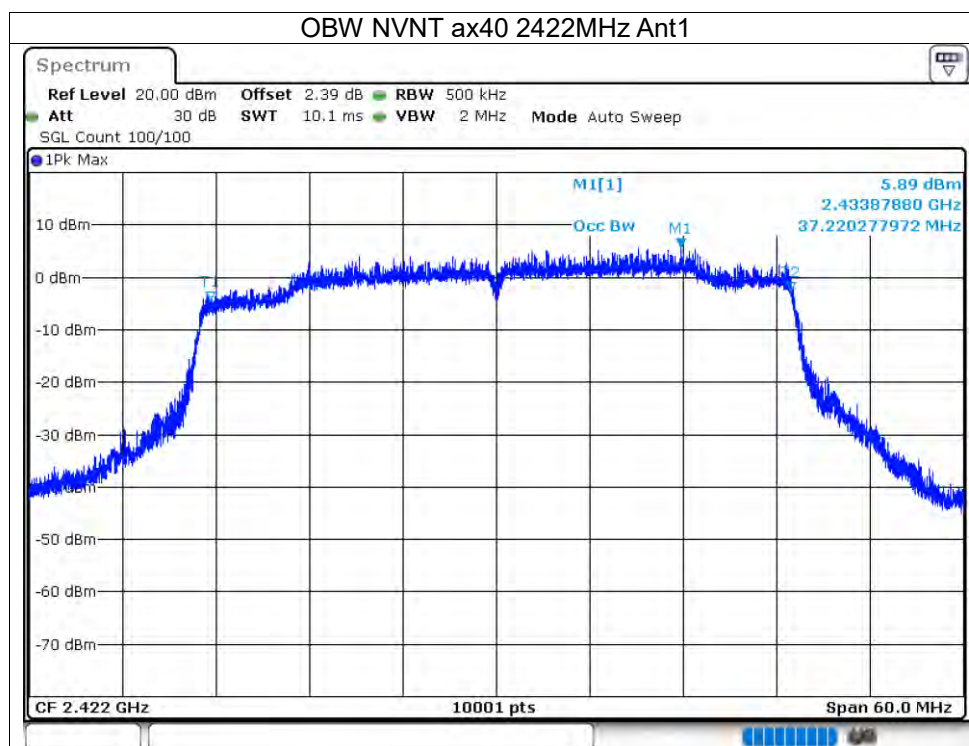
8.2.4 Occupied Channel Bandwidth

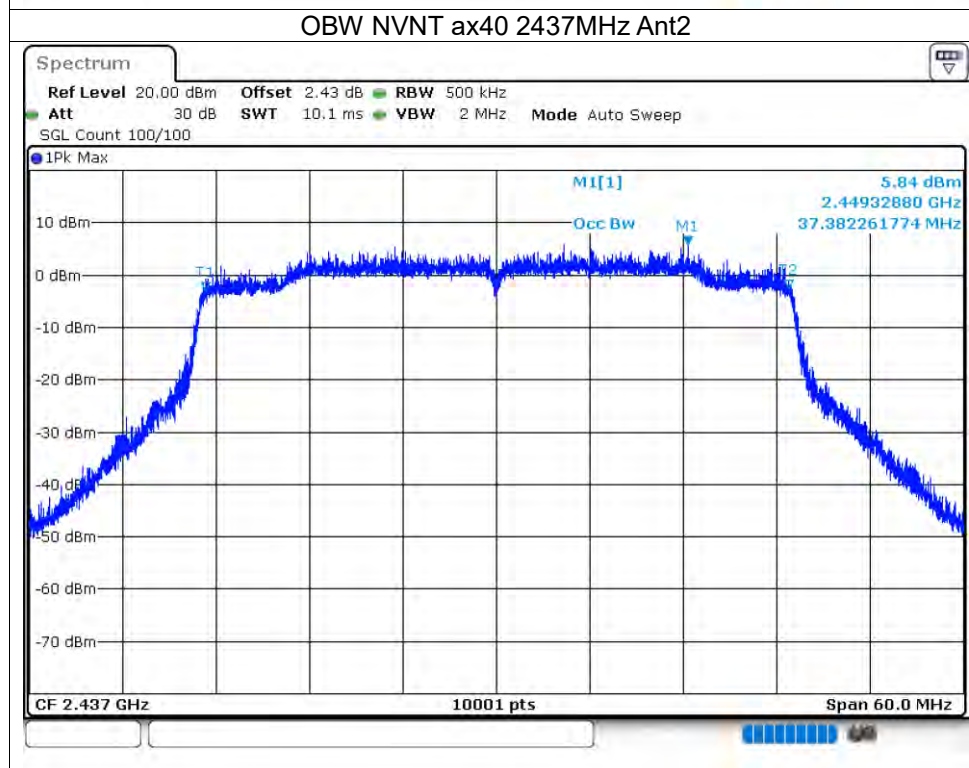
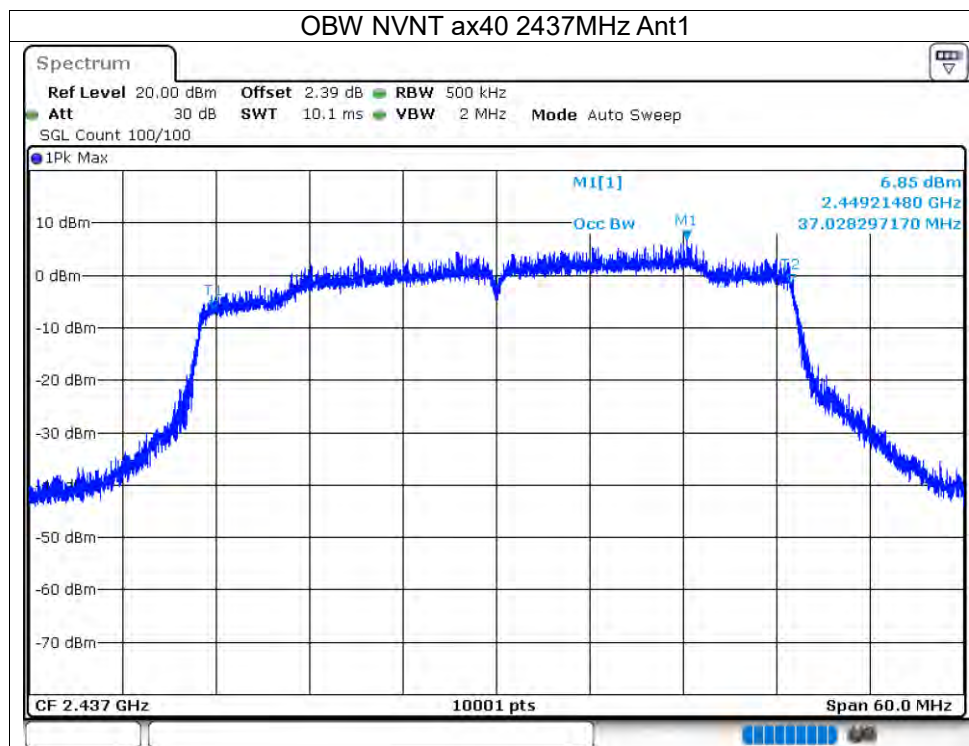
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax20	2412	Ant1	18.733
NVNT	ax20	2412	Ant2	18.796
NVNT	ax20	2437	Ant1	18.886
NVNT	ax20	2437	Ant2	18.793
NVNT	ax20	2462	Ant1	18.766
NVNT	ax20	2462	Ant2	18.892
NVNT	ax40	2422	Ant1	37.22
NVNT	ax40	2422	Ant2	37.412
NVNT	ax40	2437	Ant1	37.028
NVNT	ax40	2437	Ant2	37.382
NVNT	ax40	2452	Ant1	36.866
NVNT	ax40	2452	Ant2	37.466
NVNT	n20	2412	Ant1	17.596
NVNT	n20	2412	Ant2	17.719
NVNT	n20	2437	Ant1	17.641
NVNT	n20	2437	Ant2	17.641
NVNT	n20	2462	Ant1	17.629
NVNT	n20	2462	Ant2	17.683
NVNT	n40	2422	Ant1	35.858
NVNT	n40	2422	Ant2	35.924
NVNT	n40	2437	Ant1	35.69
NVNT	n40	2437	Ant2	35.96
NVNT	n40	2452	Ant1	35.576
NVNT	n40	2452	Ant2	35.978

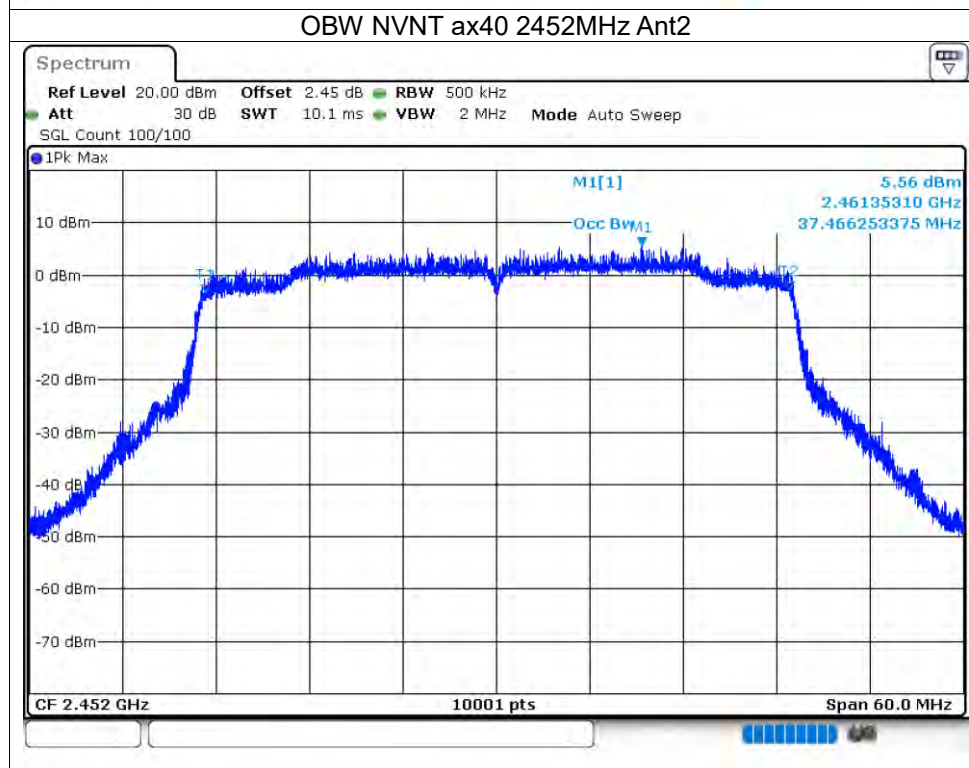
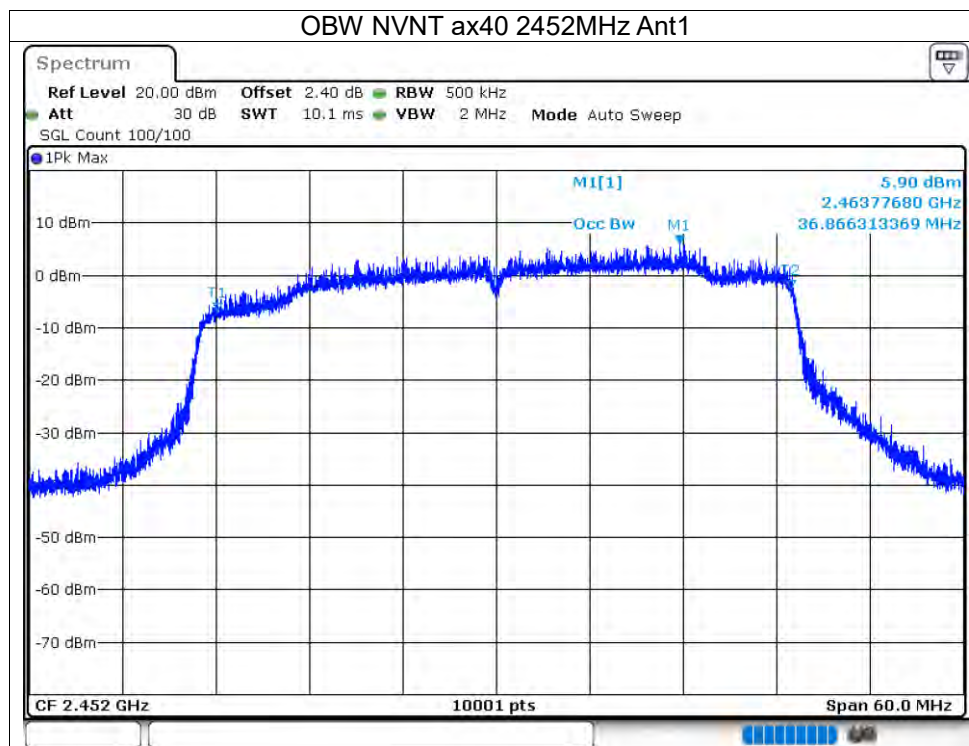




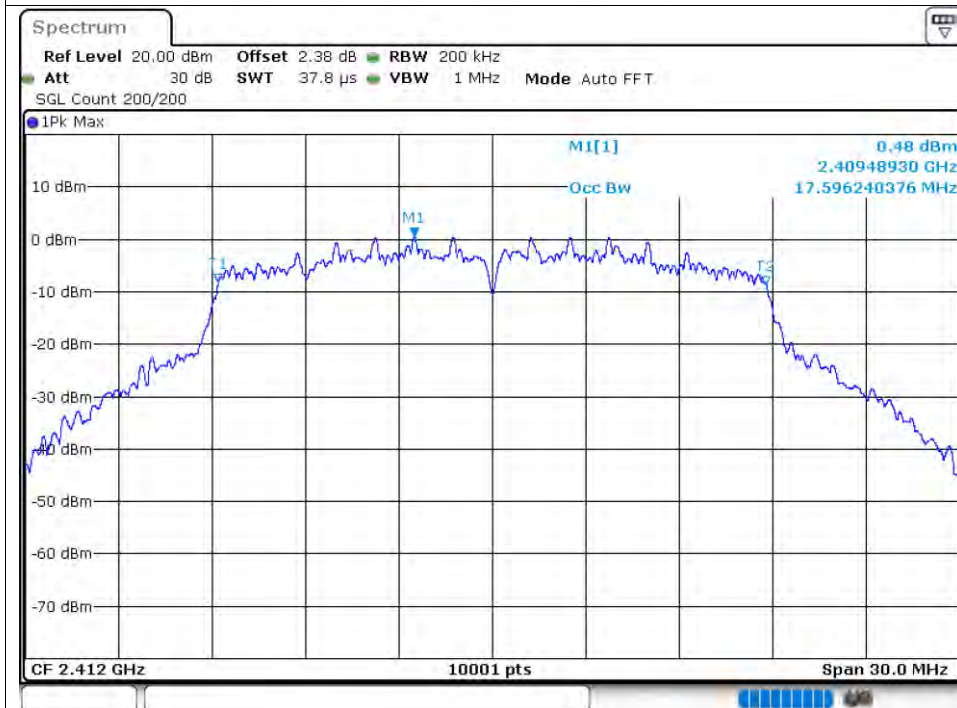




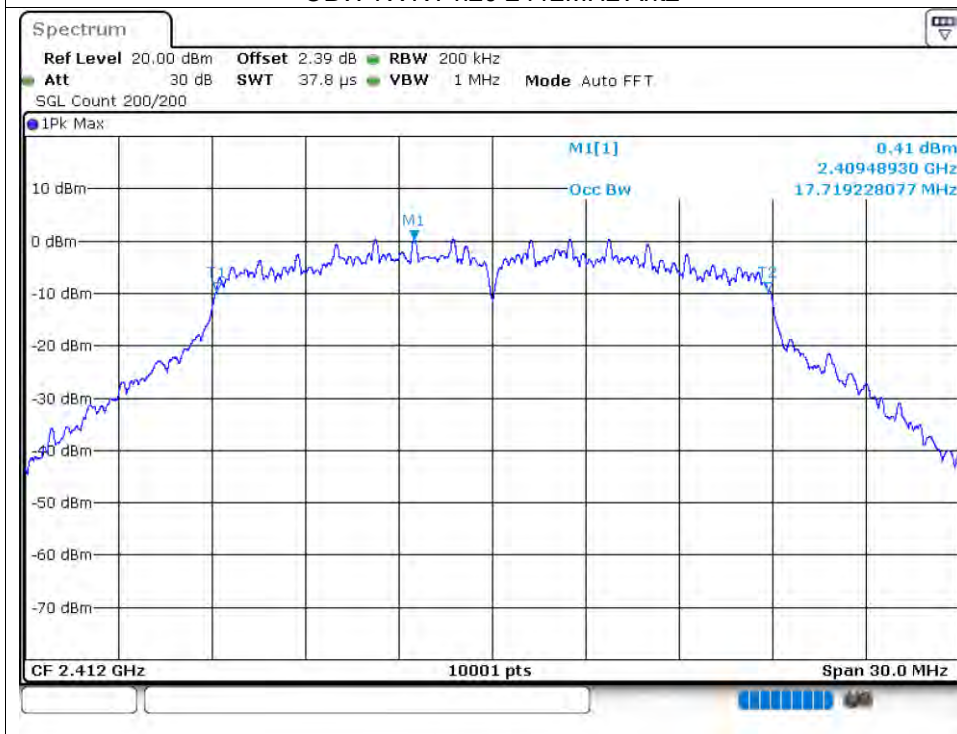




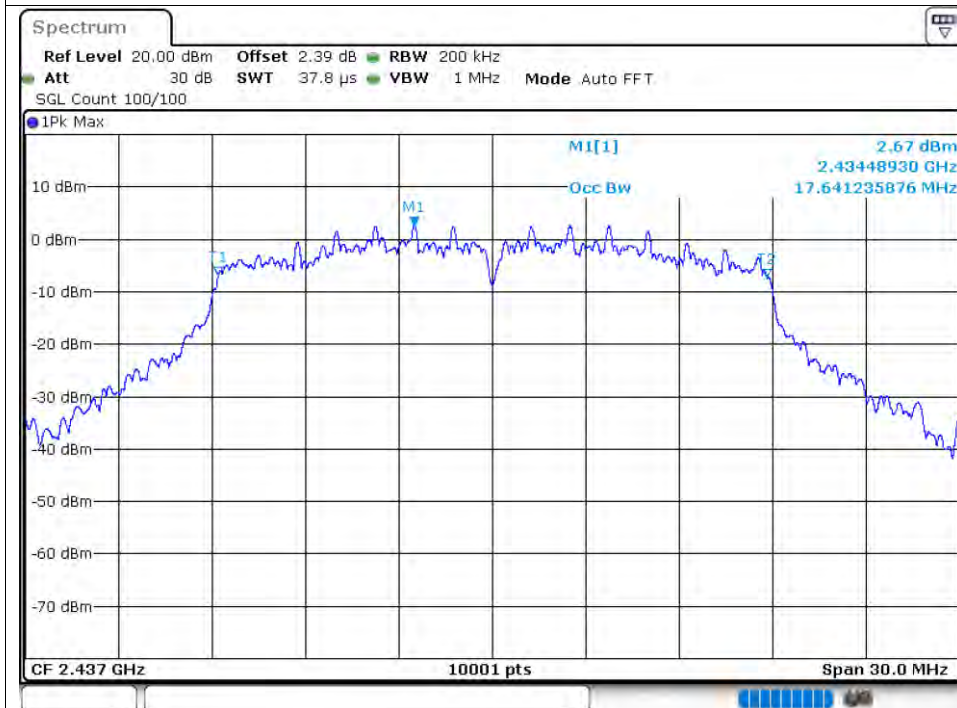
OBW NVNT n20 2412MHz Ant1



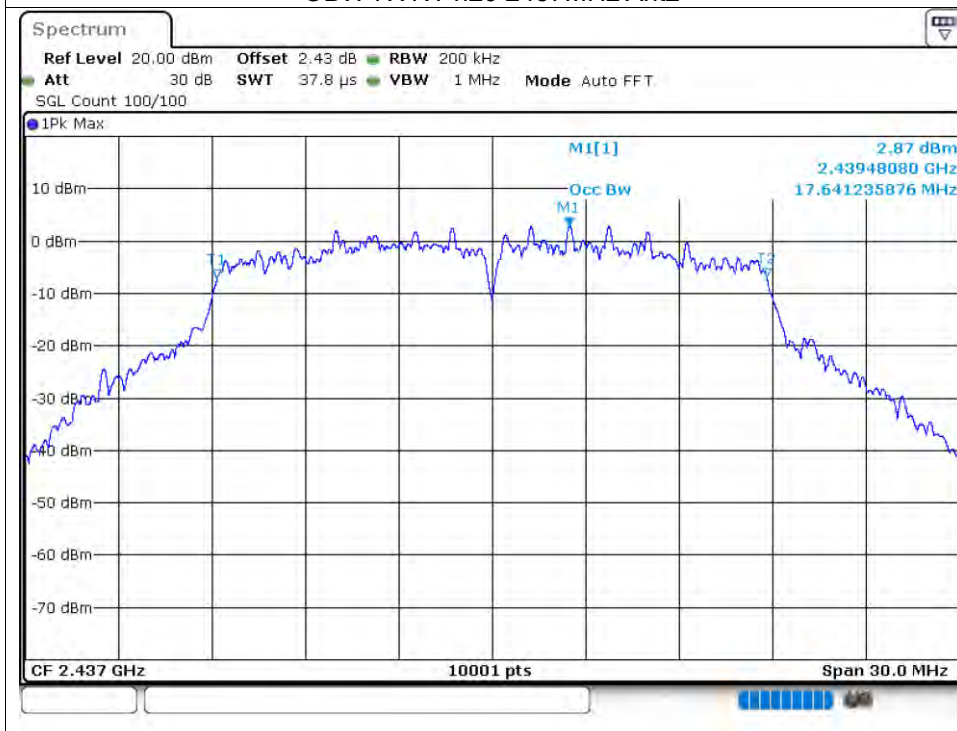
OBW NVNT n20 2412MHz Ant2



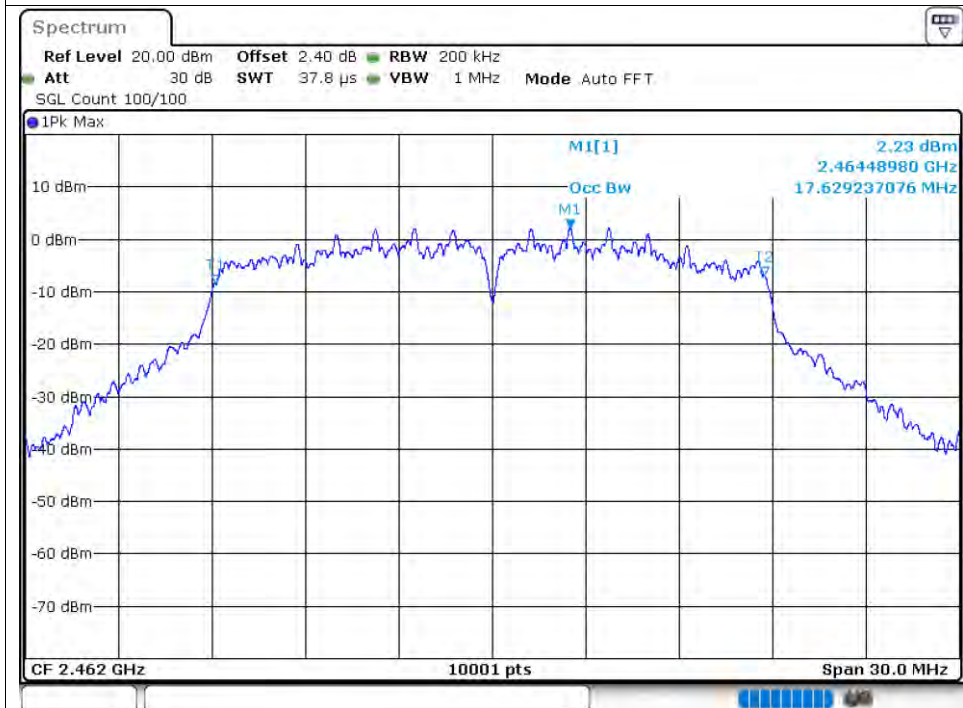
OBW NVNT n20 2437MHz Ant1



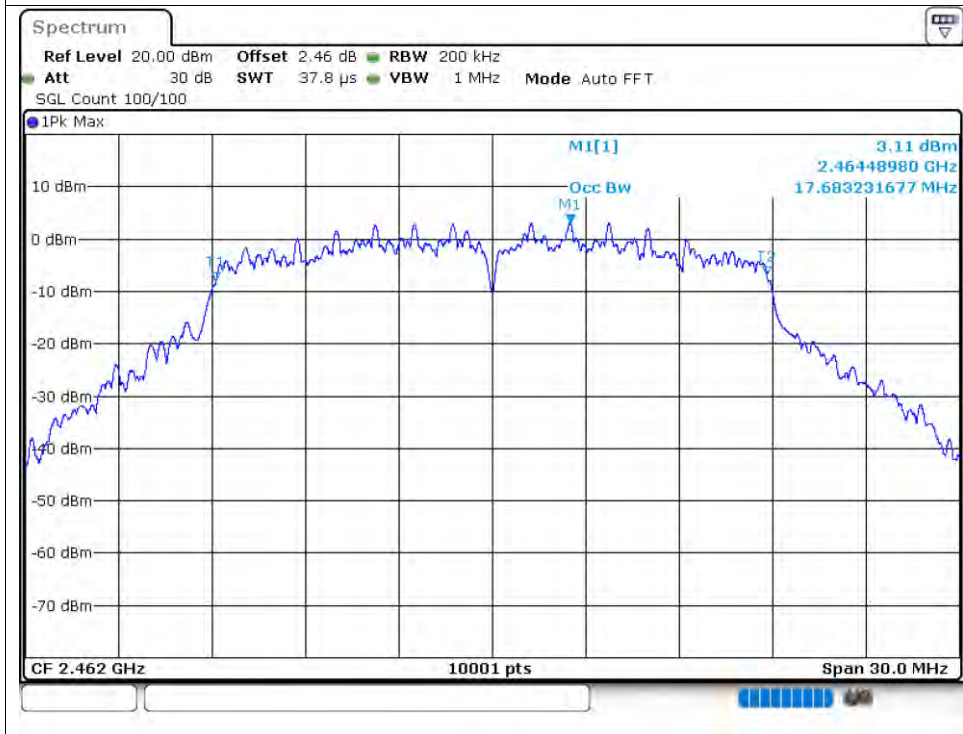
OBW NVNT n20 2437MHz Ant2



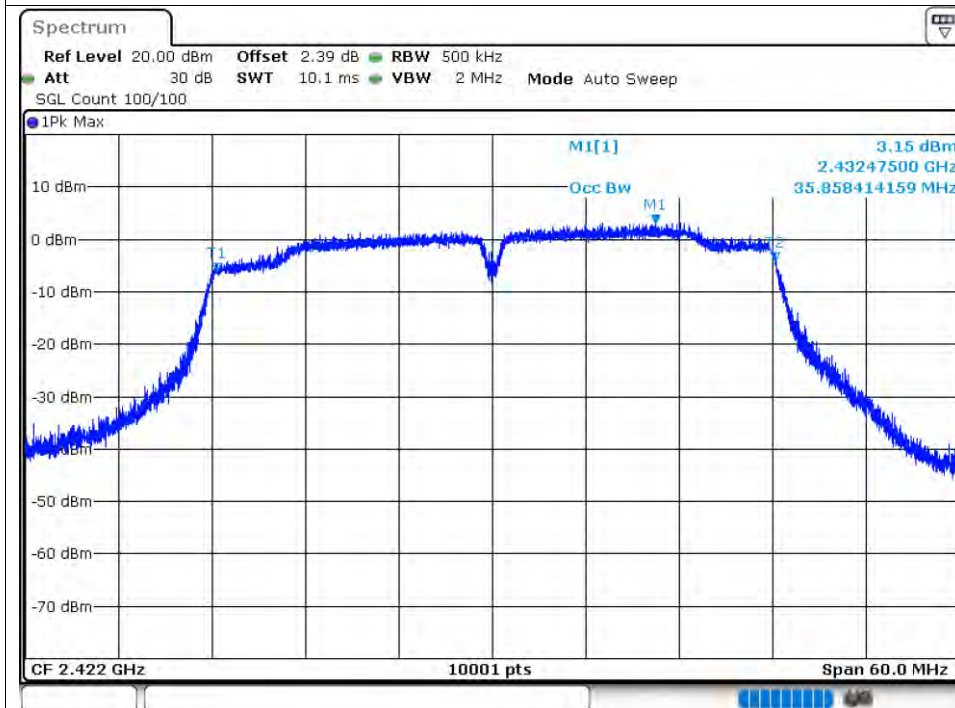
OBW NVNT n20 2462MHz Ant1



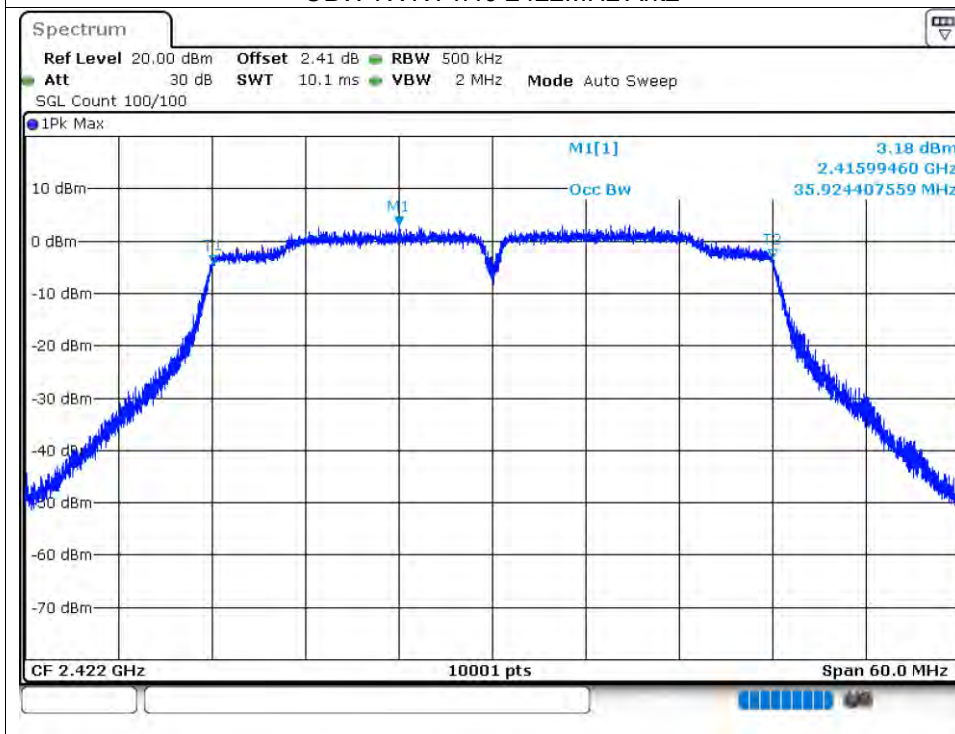
OBW NVNT n20 2462MHz Ant2

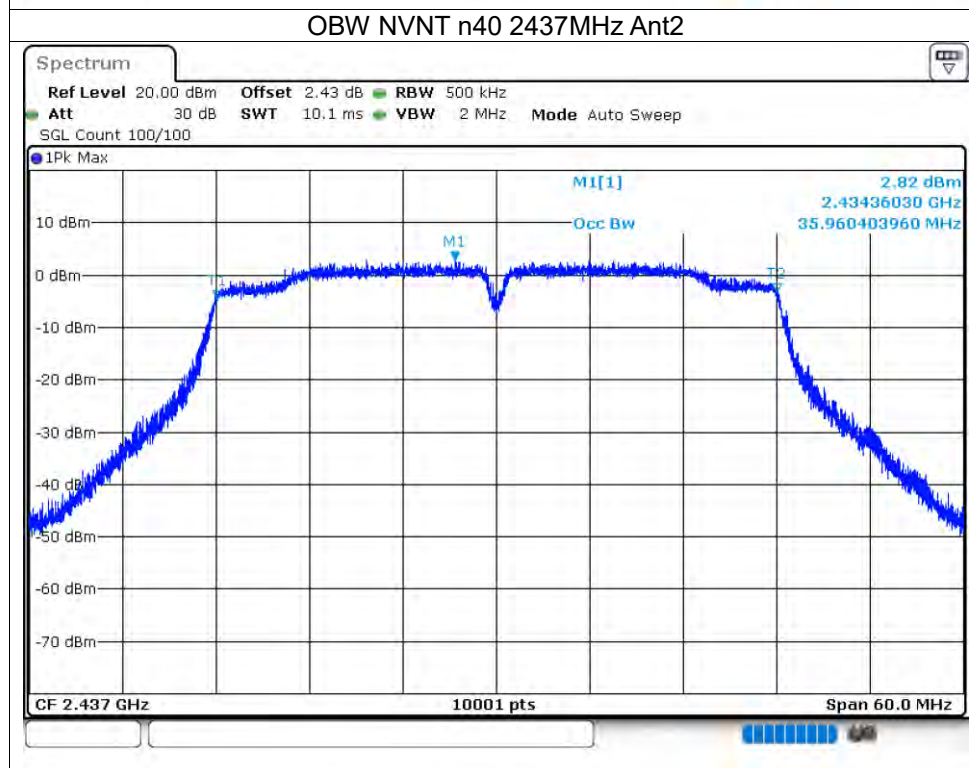
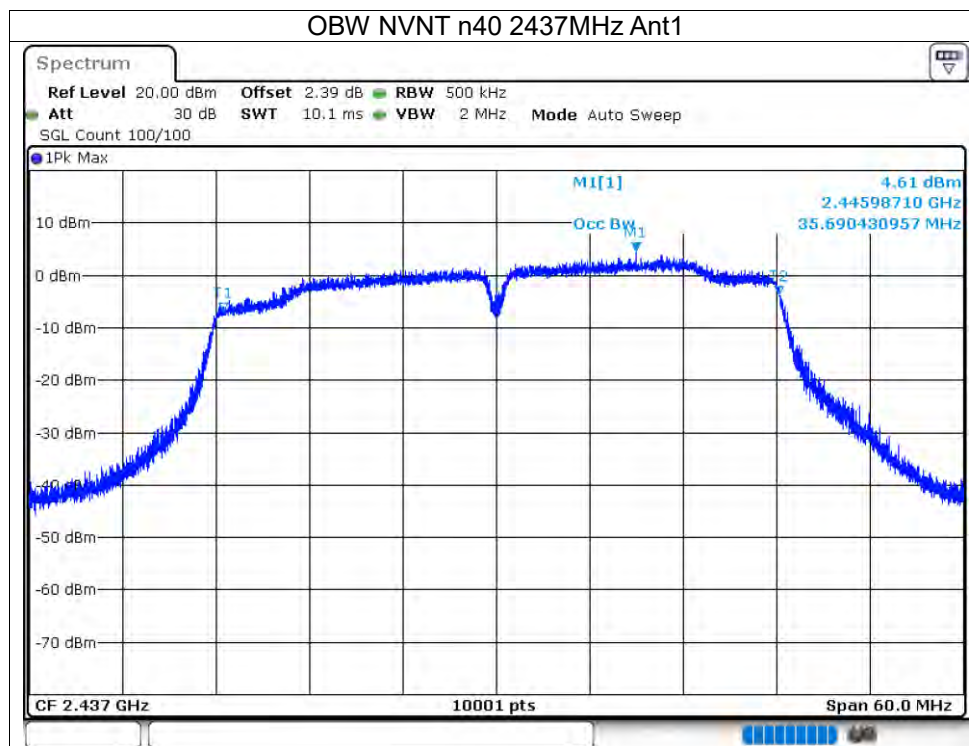


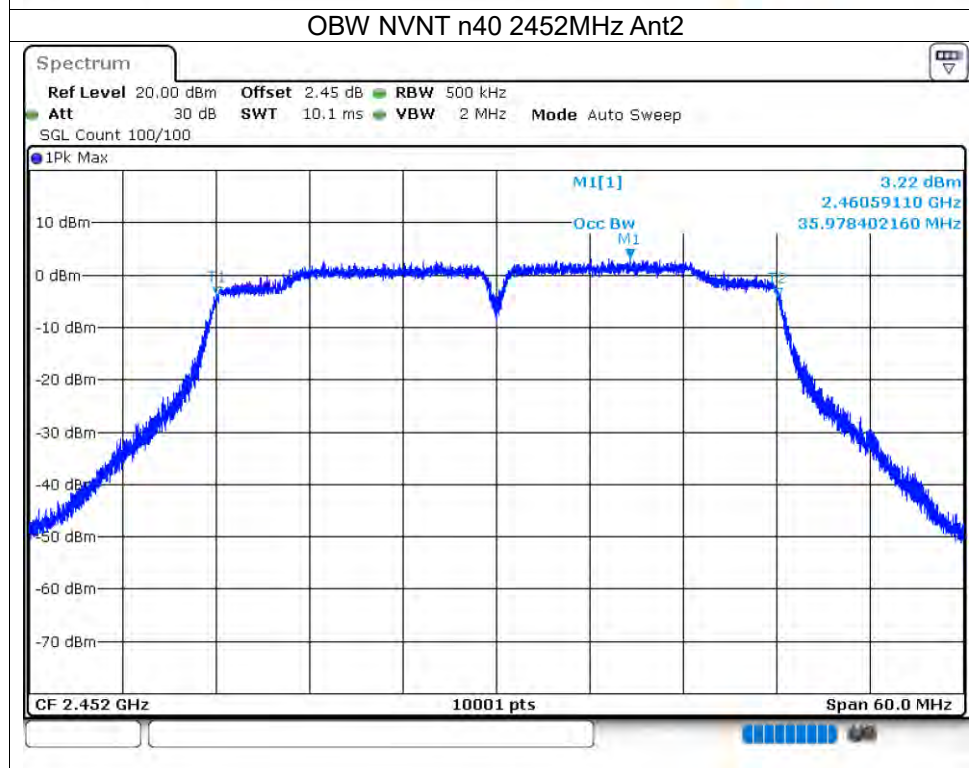
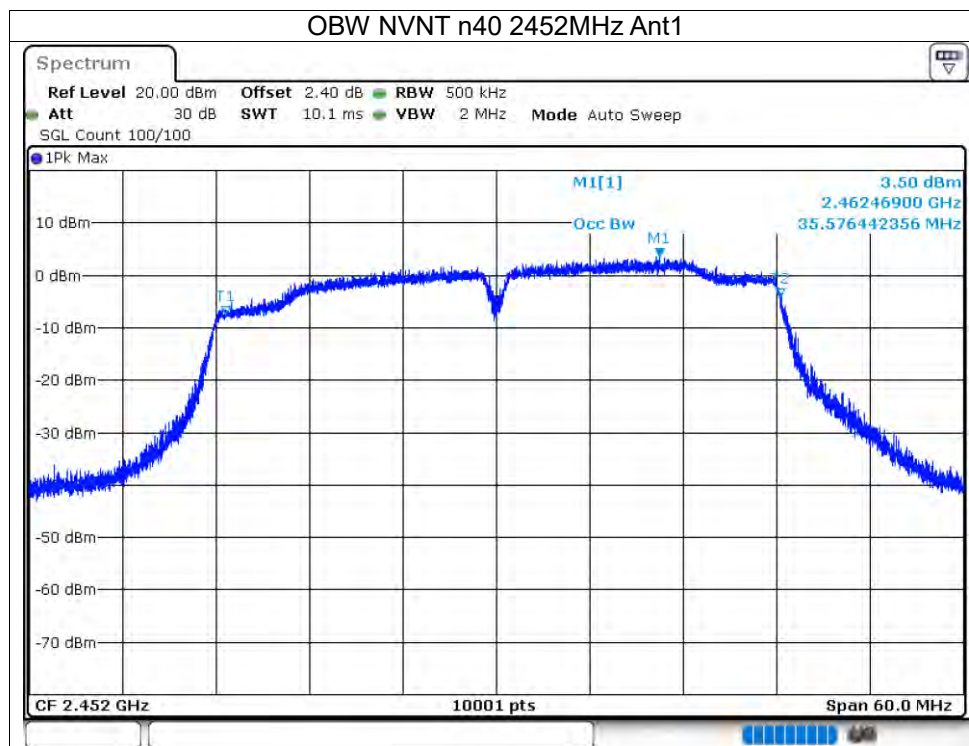
OBW NVNT n40 2422MHz Ant1



OBW NVNT n40 2422MHz Ant2

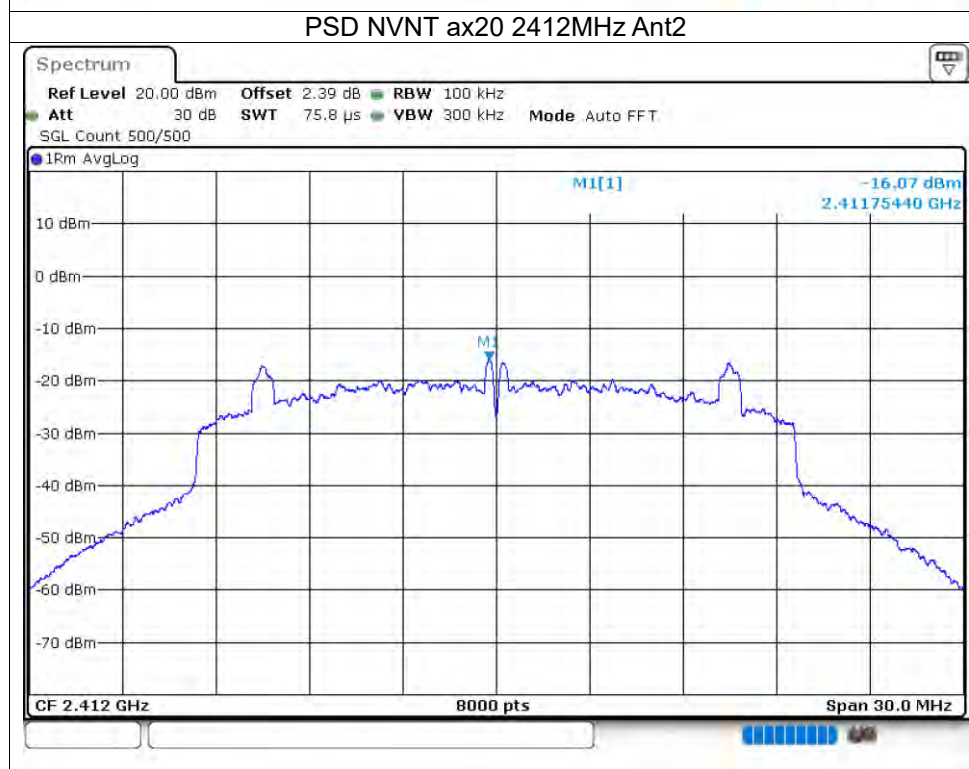
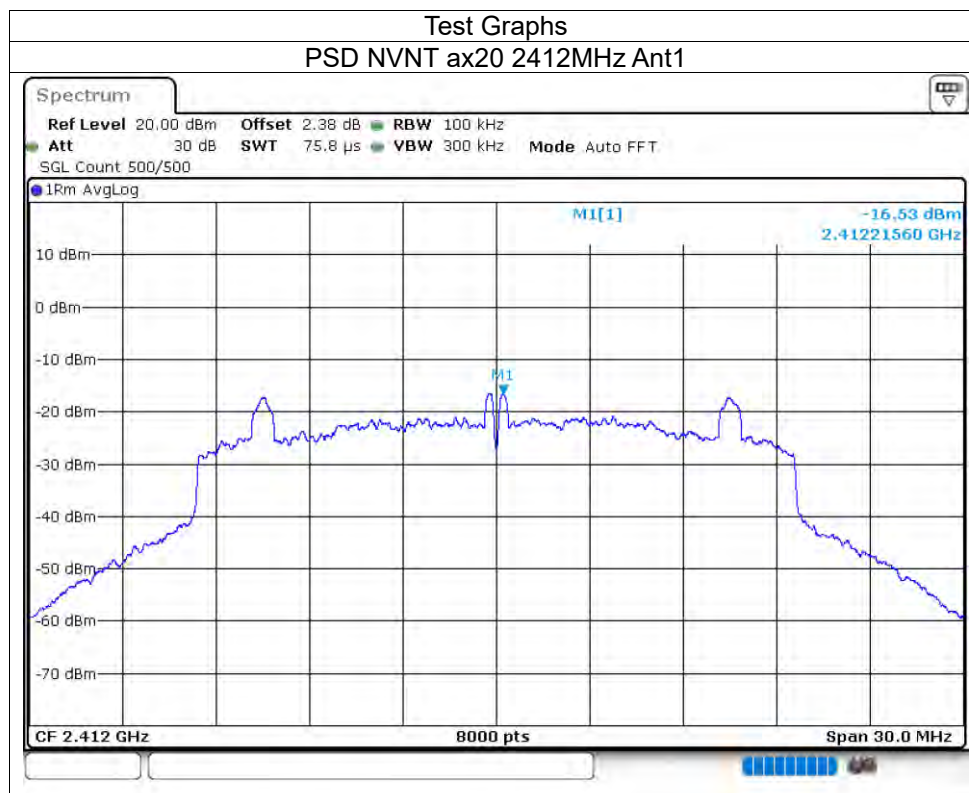




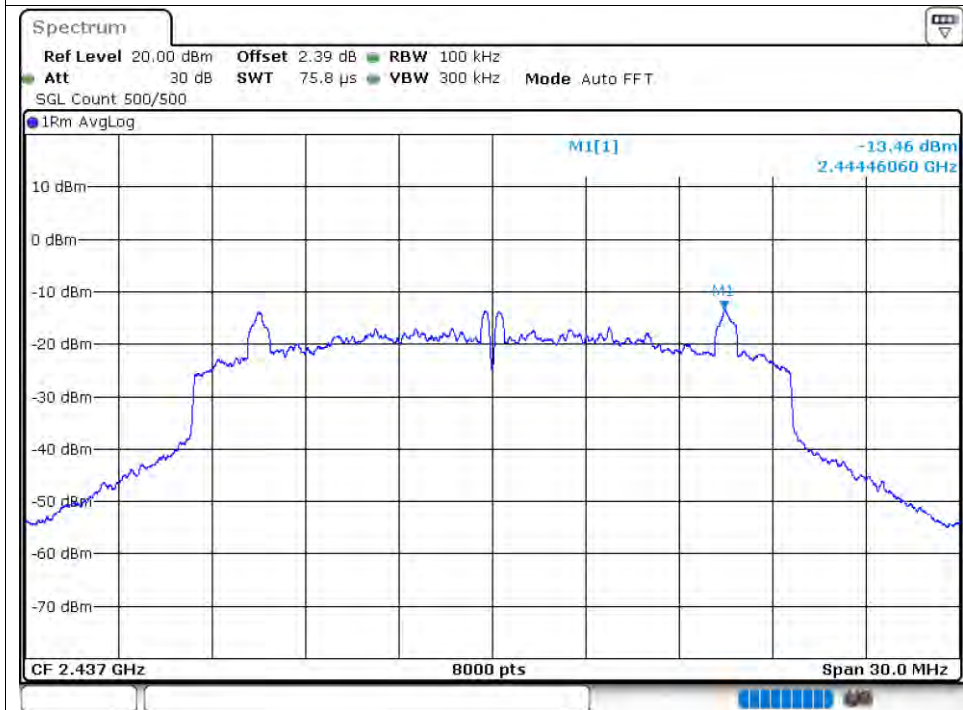


8.2.5 Maximum Power Spectral Density Level

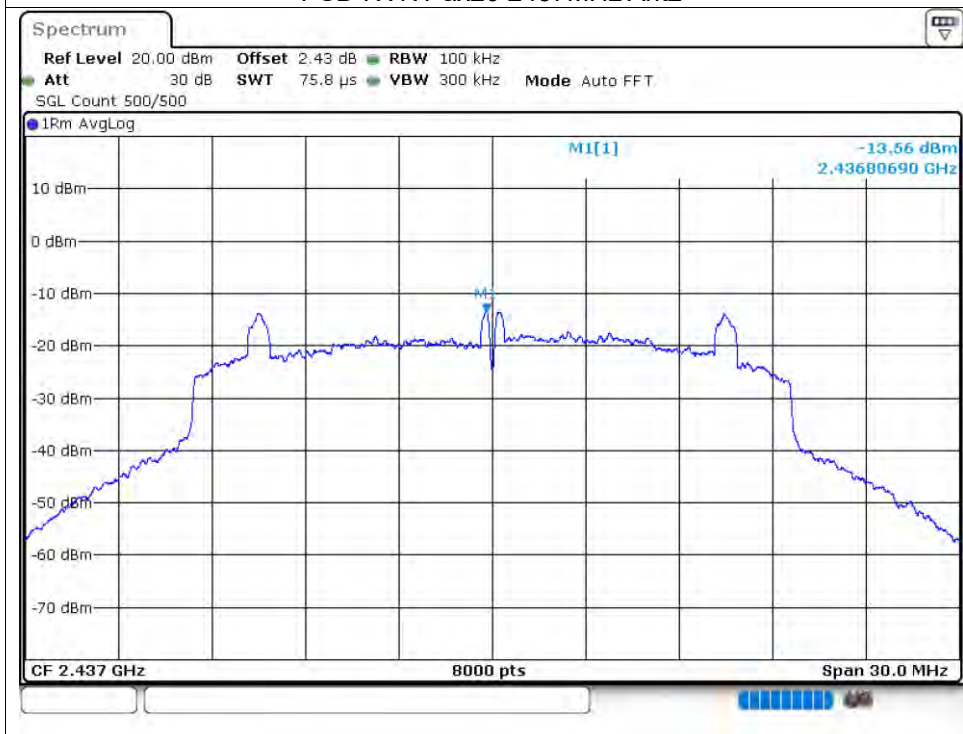
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	ax20	2412	Ant1	-16.53	0.63	-15.9	8	Pass
NVNT	ax20	2412	Ant2	-16.07	0.63	-15.44	8	Pass
NVNT	ax20	2412	Sum	-13.28	0.63	-12.65	8	Pass
NVNT	ax20	2437	Ant1	-13.46	0.6	-12.86	8	Pass
NVNT	ax20	2437	Ant2	-13.56	0.6	-12.96	8	Pass
NVNT	ax20	2437	Sum	-10.5	0.6	-9.9	8	Pass
NVNT	ax20	2462	Ant1	-14.36	0.63	-13.73	8	Pass
NVNT	ax20	2462	Ant2	-13.44	0.63	-12.81	8	Pass
NVNT	ax20	2462	Sum	-10.87	0.63	-10.24	8	Pass
NVNT	ax40	2422	Ant1	-15.43	0.63	-14.8	8	Pass
NVNT	ax40	2422	Ant2	-14.94	0.63	-14.31	8	Pass
NVNT	ax40	2422	Sum	-12.17	0.63	-11.54	8	Pass
NVNT	ax40	2437	Ant1	-14.63	0.63	-14	8	Pass
NVNT	ax40	2437	Ant2	-15.07	0.63	-14.44	8	Pass
NVNT	ax40	2437	Sum	-11.83	0.63	-11.2	8	Pass
NVNT	ax40	2452	Ant1	-14.95	0.62	-14.33	8	Pass
NVNT	ax40	2452	Ant2	-14.71	0.62	-14.09	8	Pass
NVNT	ax40	2452	Sum	-11.82	0.62	-11.2	8	Pass
NVNT	n20	2412	Ant1	-14.53	0.39	-14.14	8	Pass
NVNT	n20	2412	Ant2	-14.67	0.39	-14.28	8	Pass
NVNT	n20	2412	Sum	-11.59	0.39	-11.2	8	Pass
NVNT	n20	2437	Ant1	-12.06	0.34	-11.72	8	Pass
NVNT	n20	2437	Ant2	-11.75	0.34	-11.41	8	Pass
NVNT	n20	2437	Sum	-8.89	0.34	-8.55	8	Pass
NVNT	n20	2462	Ant1	-12.92	0.52	-12.4	8	Pass
NVNT	n20	2462	Ant2	-11.53	0.52	-11.01	8	Pass
NVNT	n20	2462	Sum	-9.16	0.52	-8.64	8	Pass
NVNT	n40	2422	Ant1	-12.91	0.5	-12.41	8	Pass
NVNT	n40	2422	Ant2	-13.34	0.5	-12.84	8	Pass
NVNT	n40	2422	Sum	-10.11	0.5	-9.61	8	Pass
NVNT	n40	2437	Ant1	-12.16	0.5	-11.66	8	Pass
NVNT	n40	2437	Ant2	-13.45	0.5	-12.95	8	Pass
NVNT	n40	2437	Sum	-9.75	0.5	-9.25	8	Pass
NVNT	n40	2452	Ant1	-13.02	0.5	-12.52	8	Pass
NVNT	n40	2452	Ant2	-13.55	0.5	-13.05	8	Pass
NVNT	n40	2452	Sum	-10.27	0.5	-9.77	8	Pass

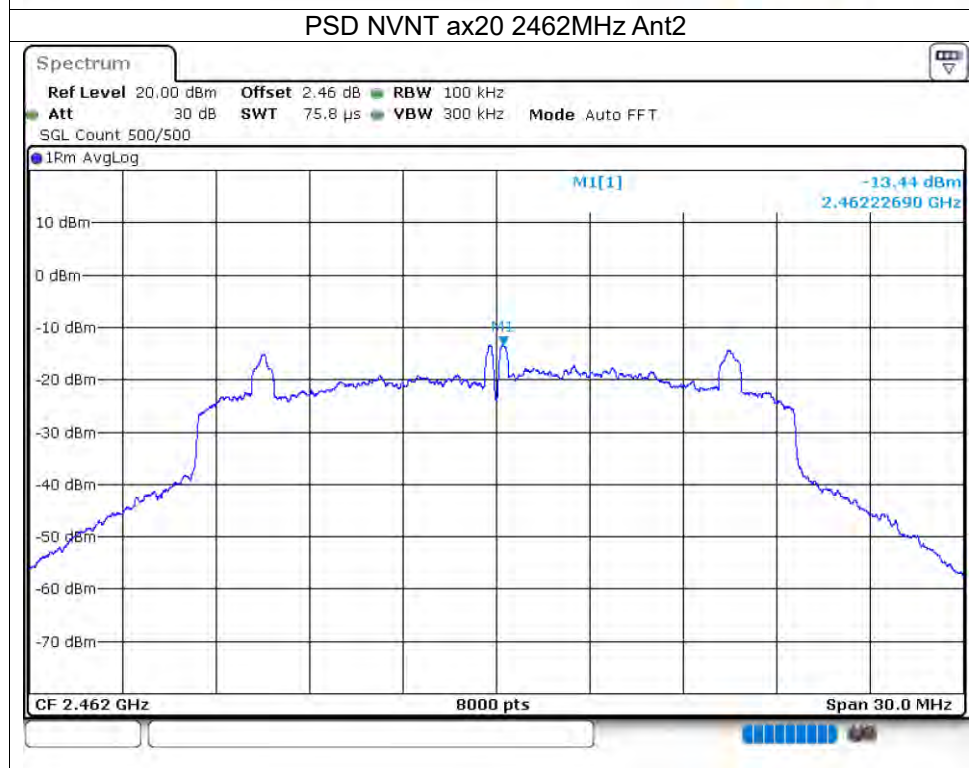
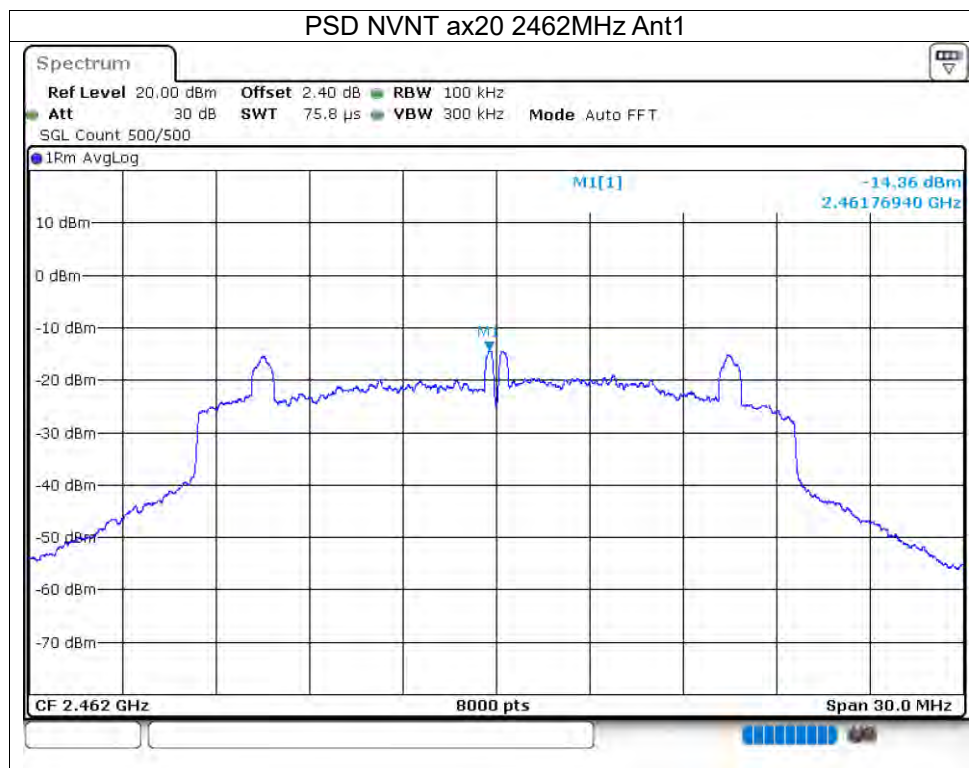


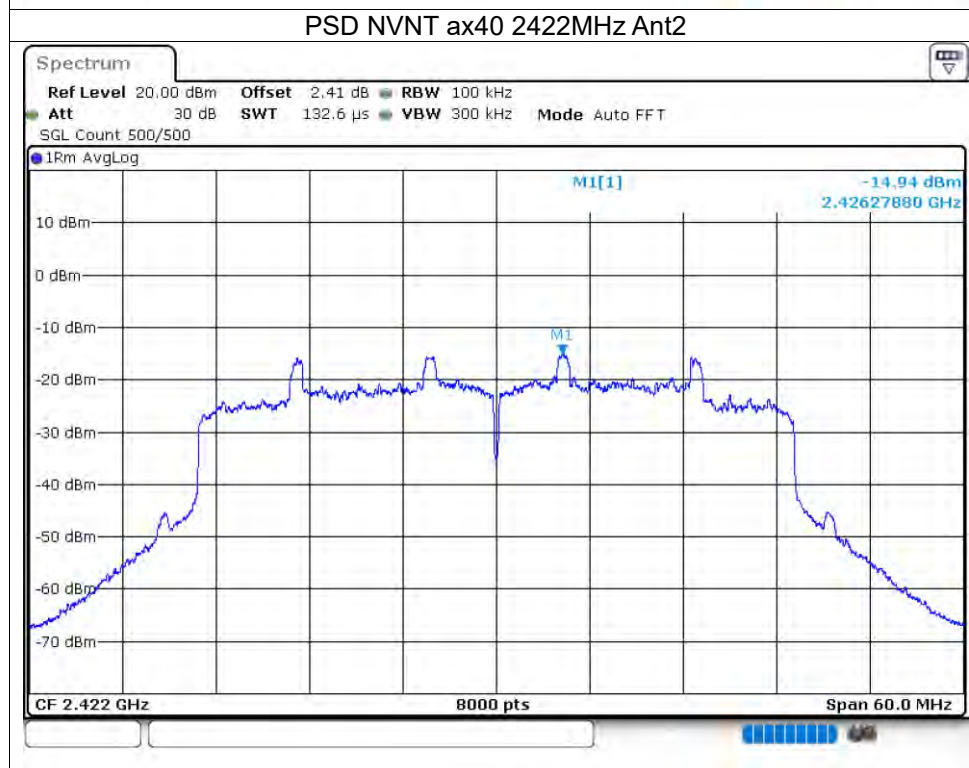
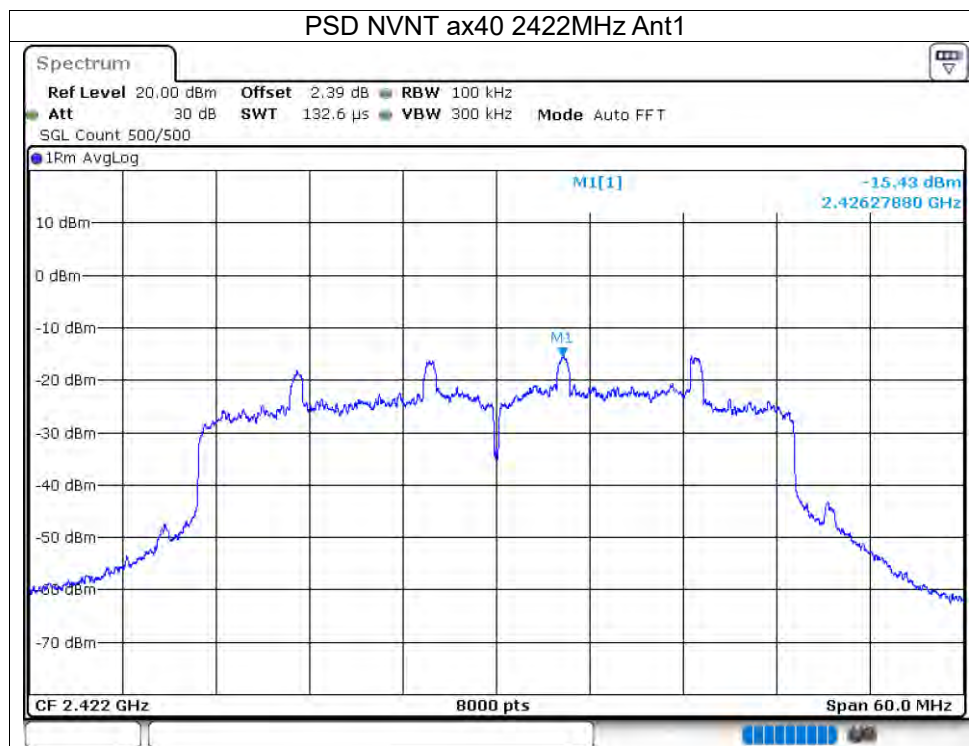
PSD NVNT ax20 2437MHz Ant1



PSD NVNT ax20 2437MHz Ant2







PSD NVNT ax40 2437MHz Ant1



PSD NVNT ax40 2437MHz Ant2

