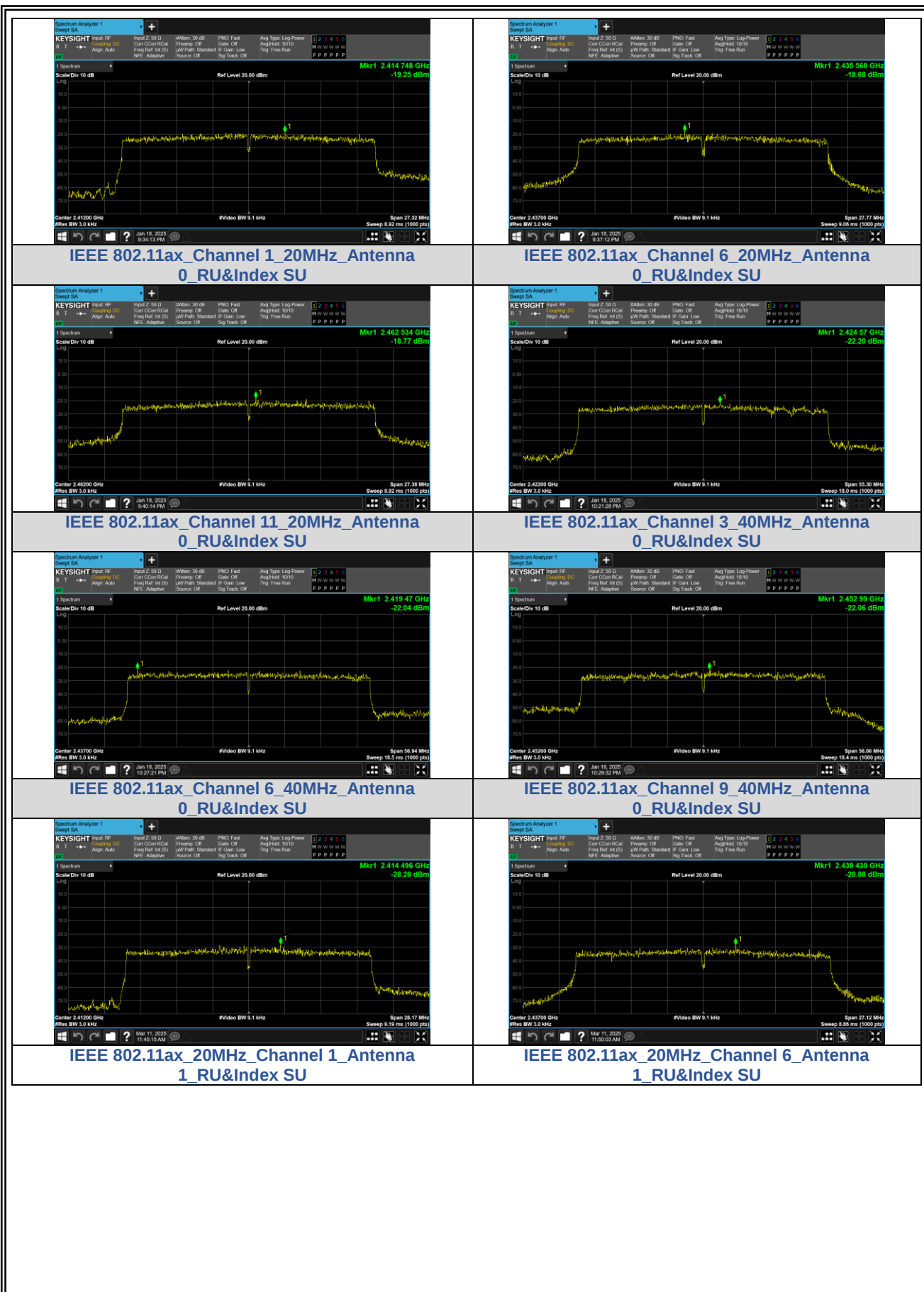
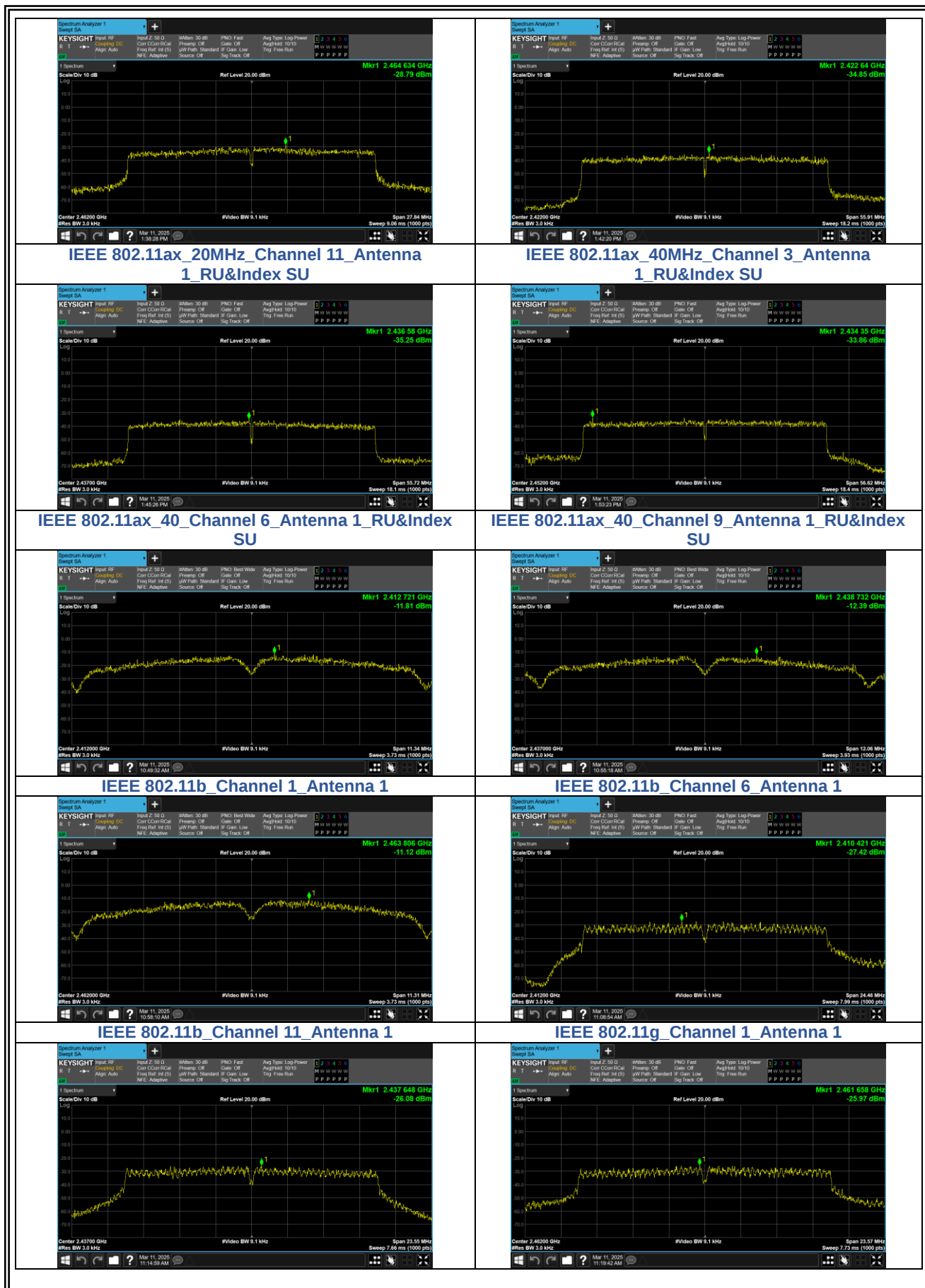
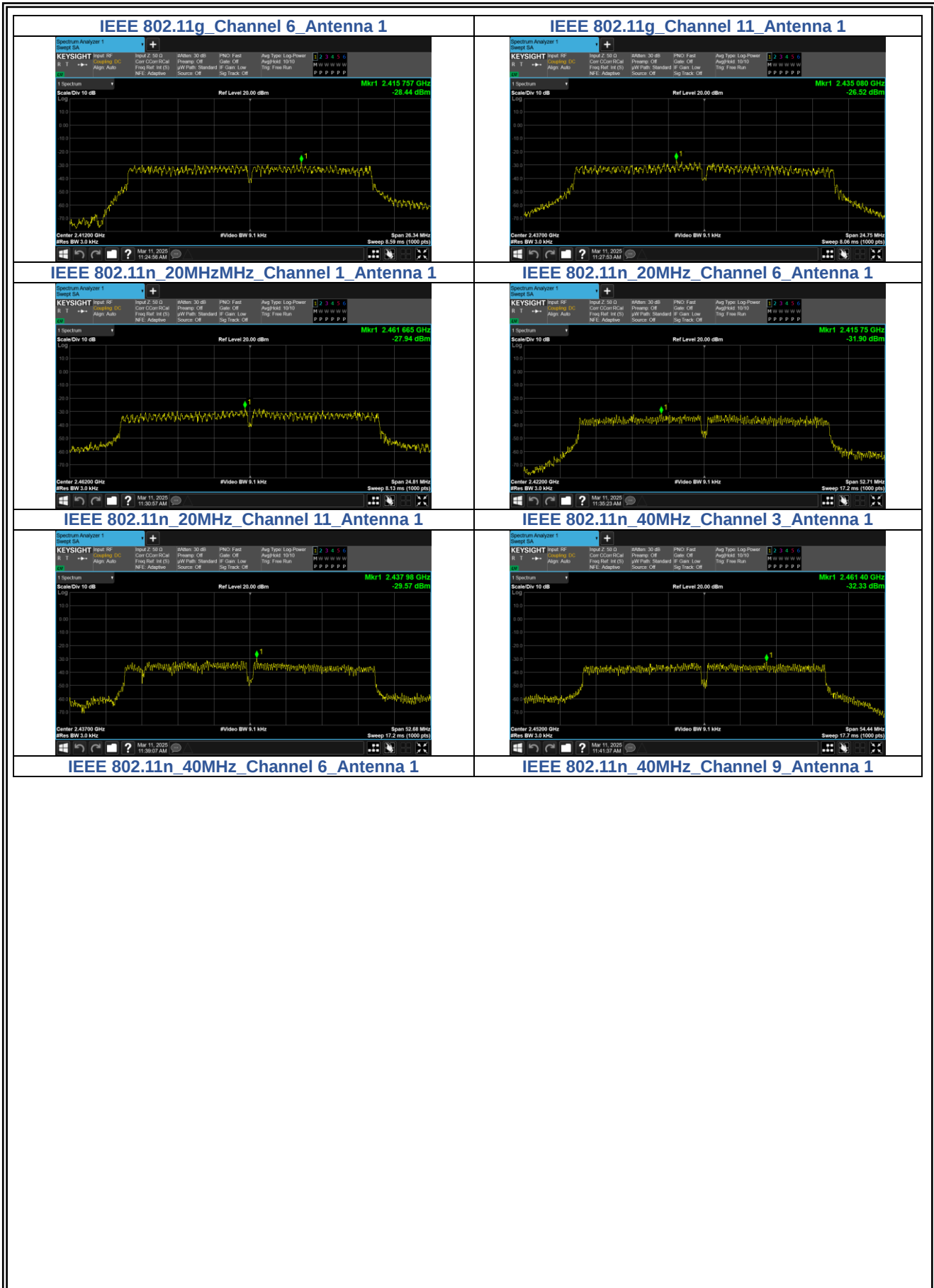




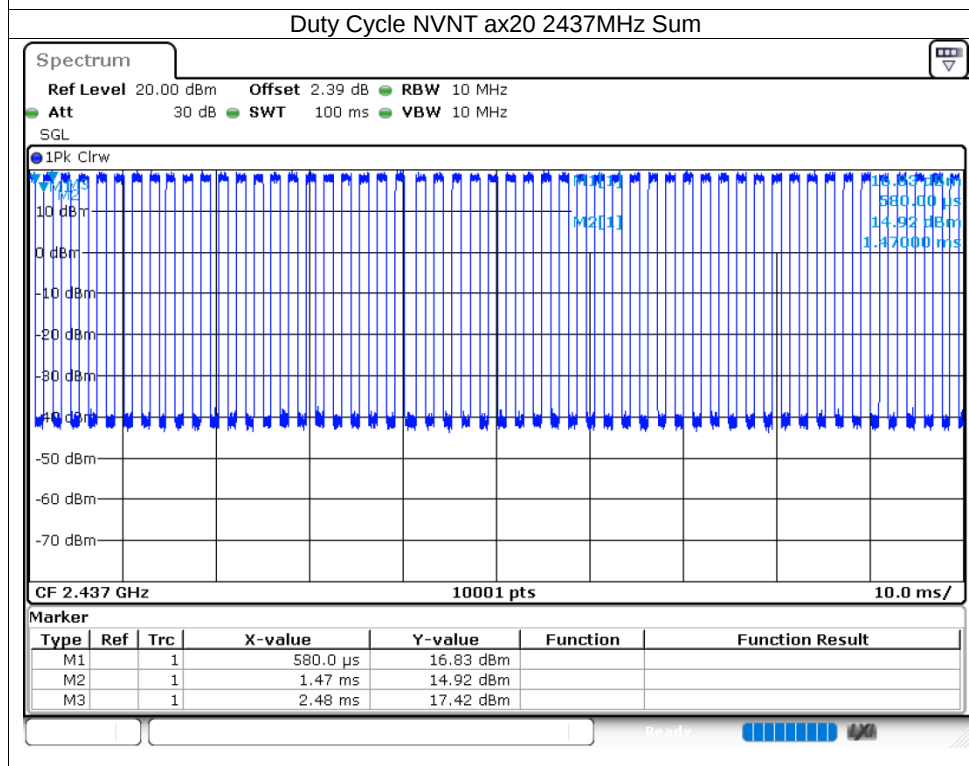
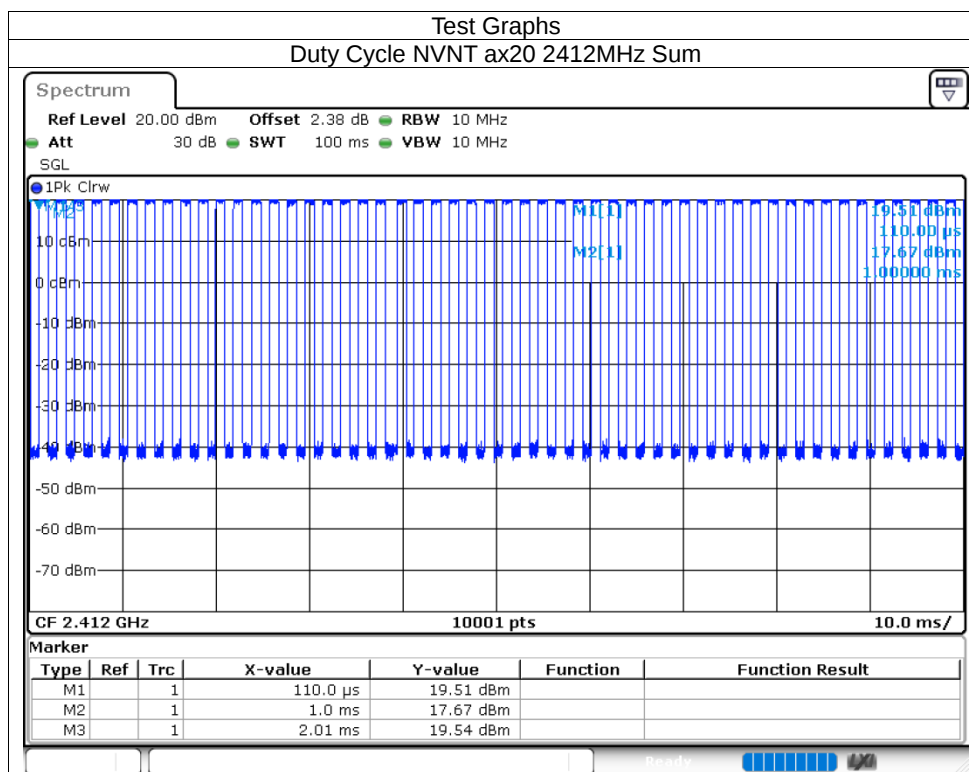


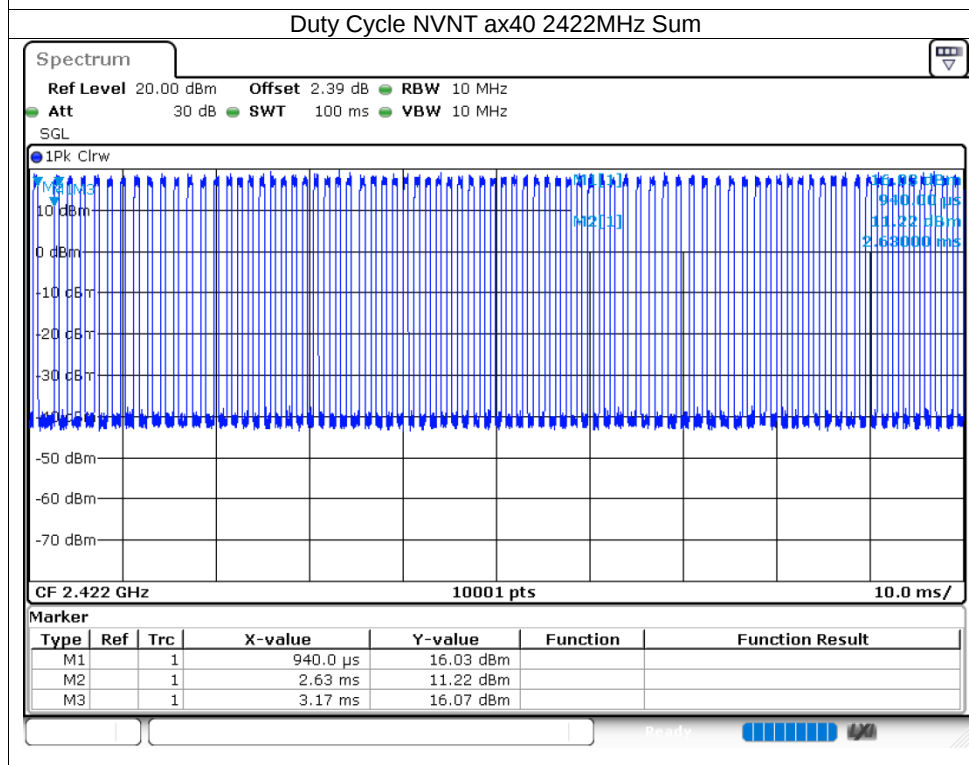
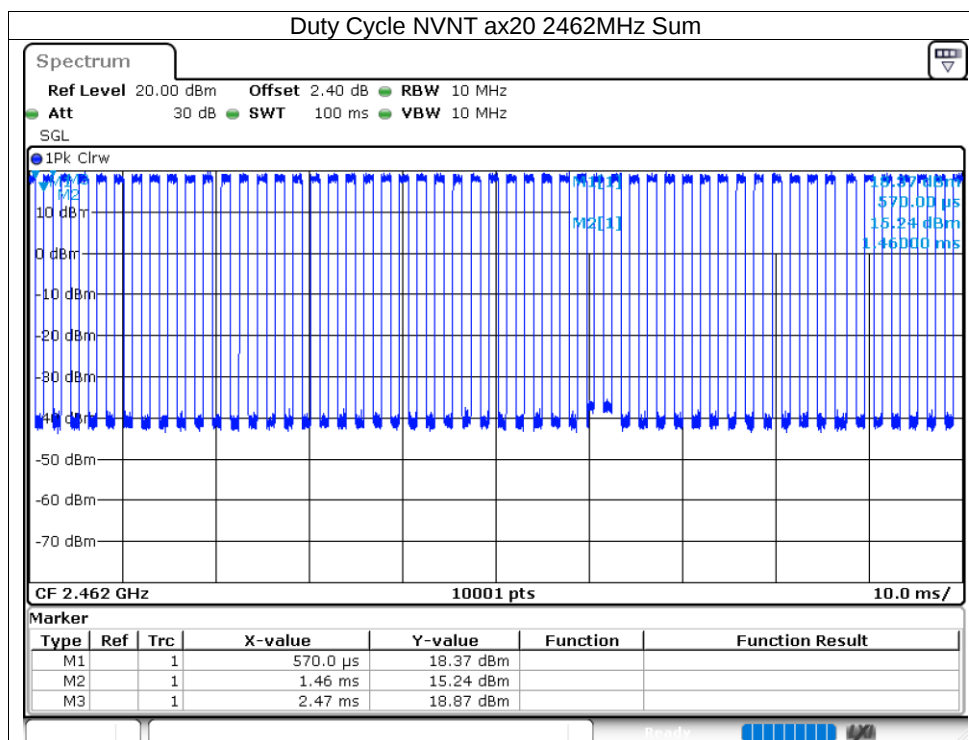


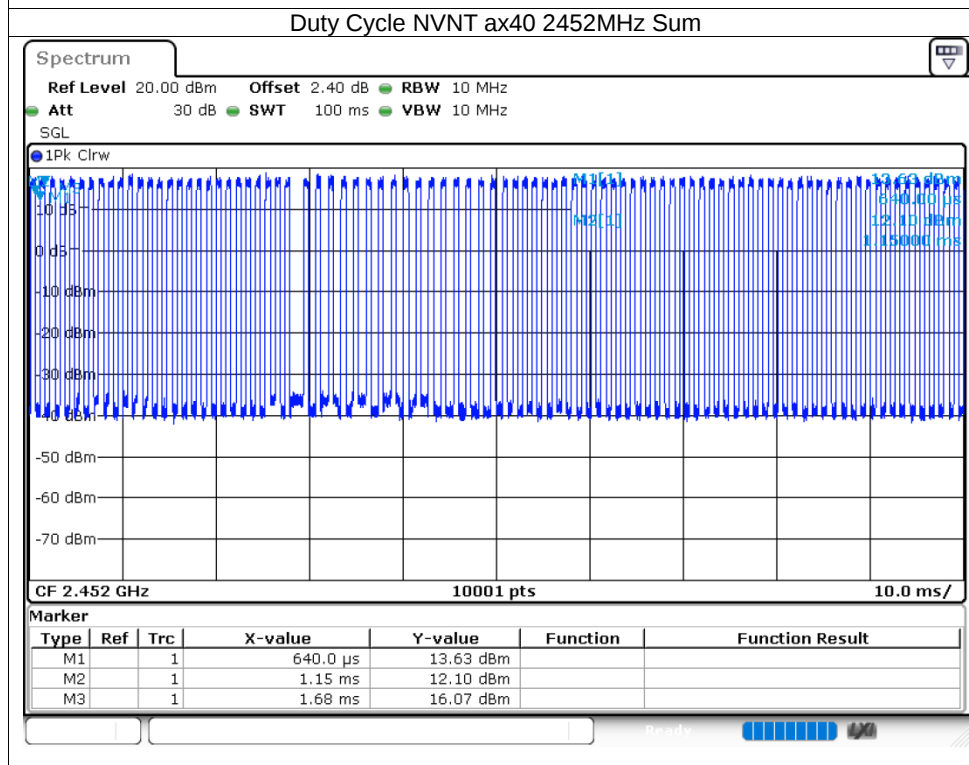
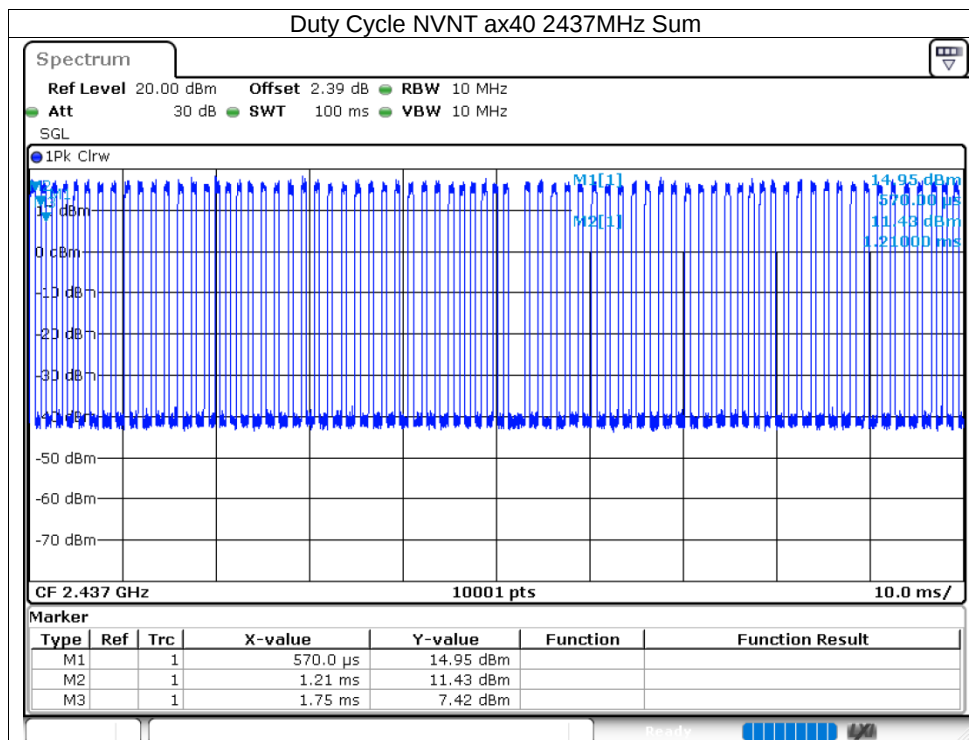
8.2.2.4G WIFI MIMO

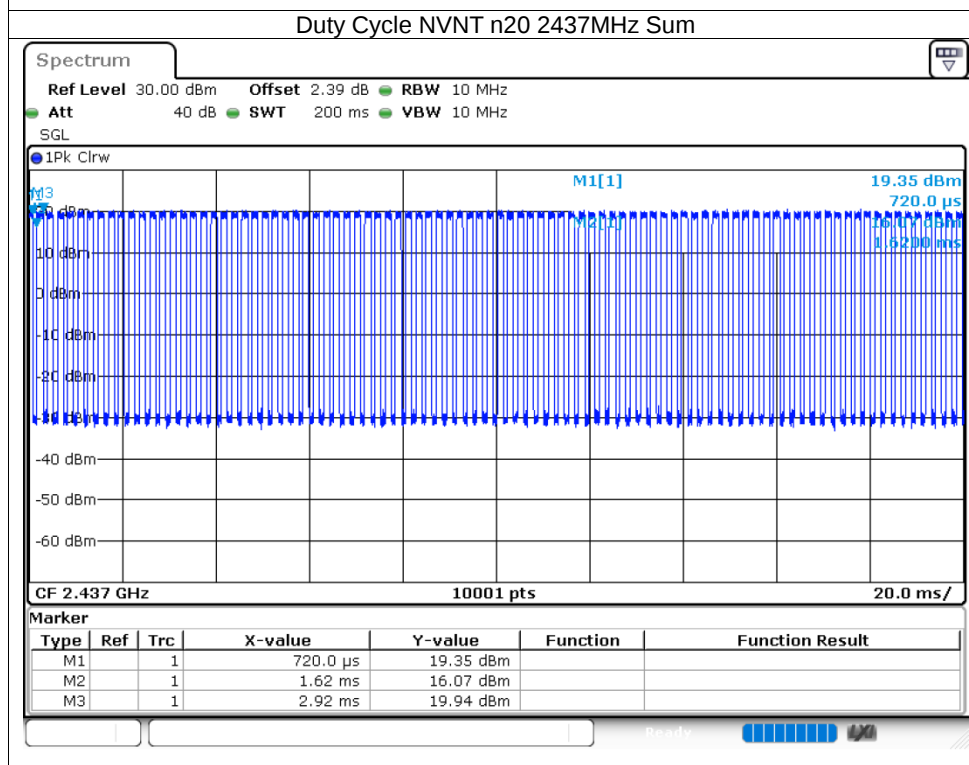
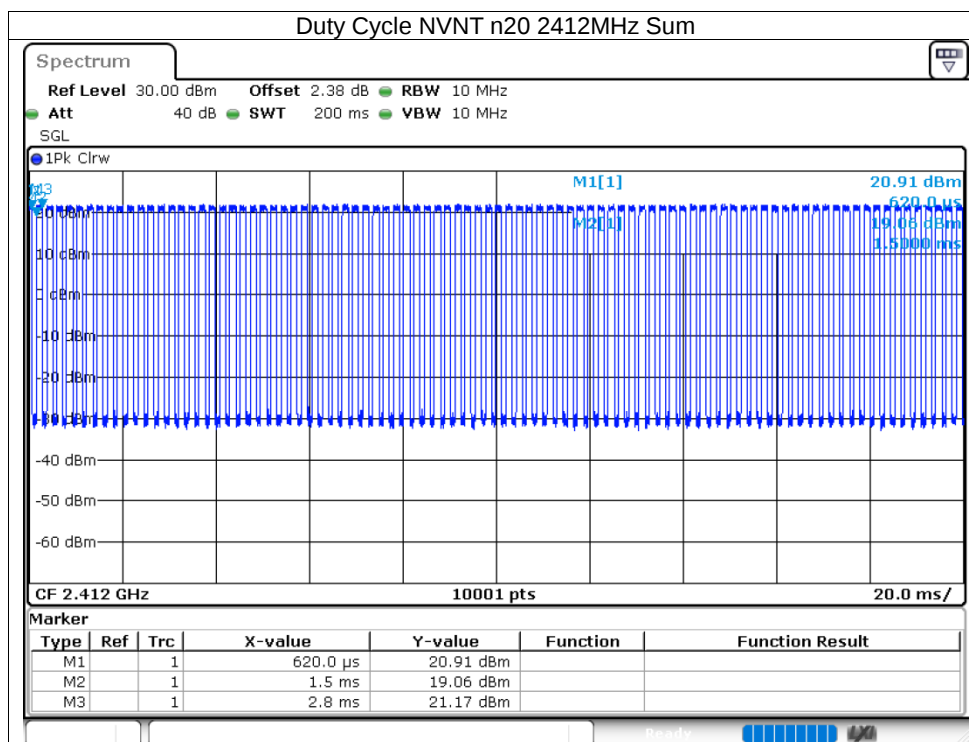
8.2.1 Duty Cycle

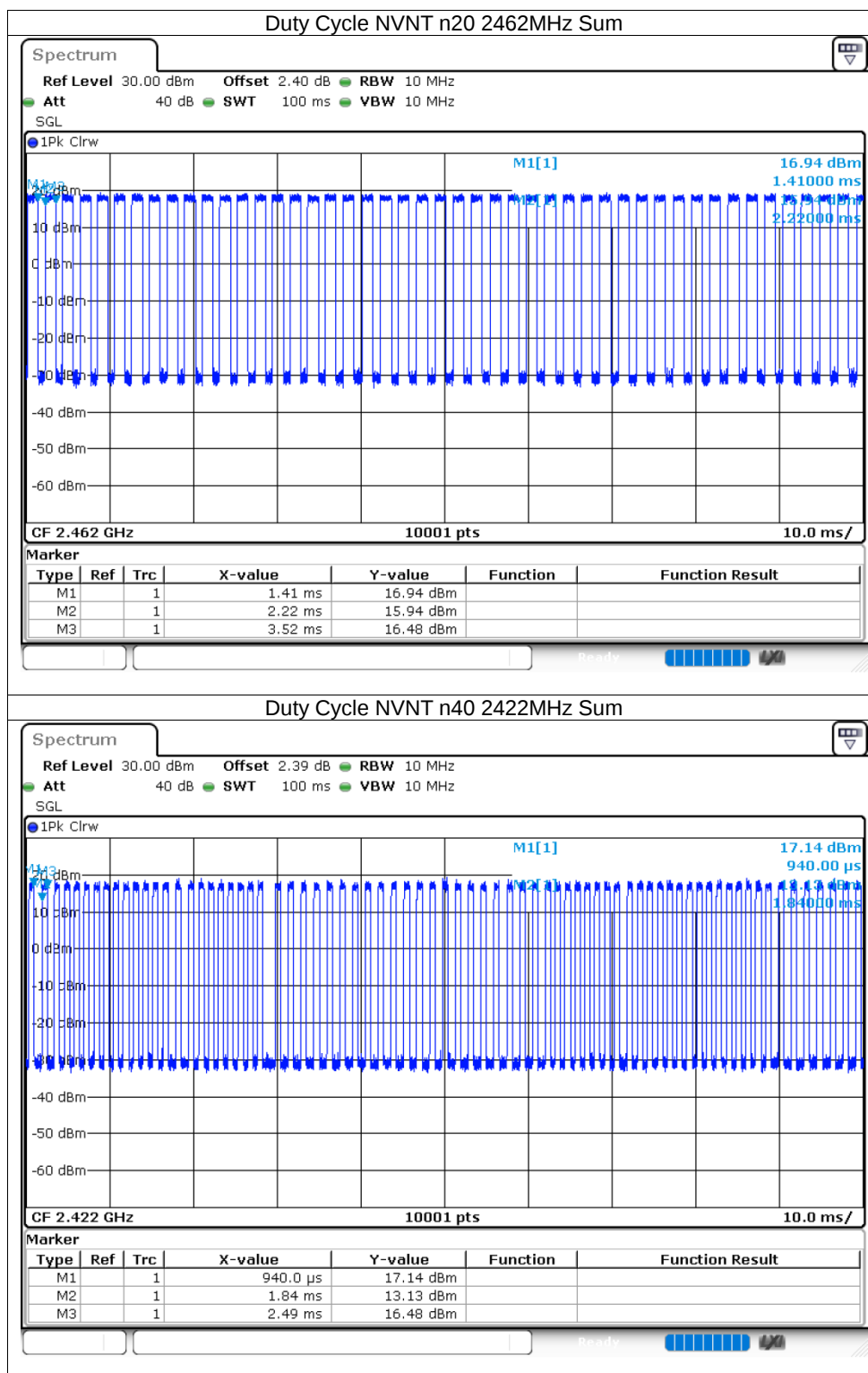
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ax20	2412	Sum	53.42	2.72	0.99
NVNT	ax20	2437	Sum	53.77	2.69	0.99
NVNT	ax20	2462	Sum	53.76	2.7	0.99
NVNT	ax40	2422	Sum	42.97	3.67	1.85
NVNT	ax40	2437	Sum	39.68	4.01	1.85
NVNT	ax40	2452	Sum	48.85	3.11	1.89
NVNT	n20	2412	Sum	60.38	2.19	0.77
NVNT	n20	2437	Sum	60.42	2.19	0.77
NVNT	n20	2462	Sum	61.07	2.14	0.77
NVNT	n40	2422	Sum	48.45	3.15	1.54
NVNT	n40	2437	Sum	43.8	3.59	1.54
NVNT	n40	2452	Sum	47.48	3.24	1.56

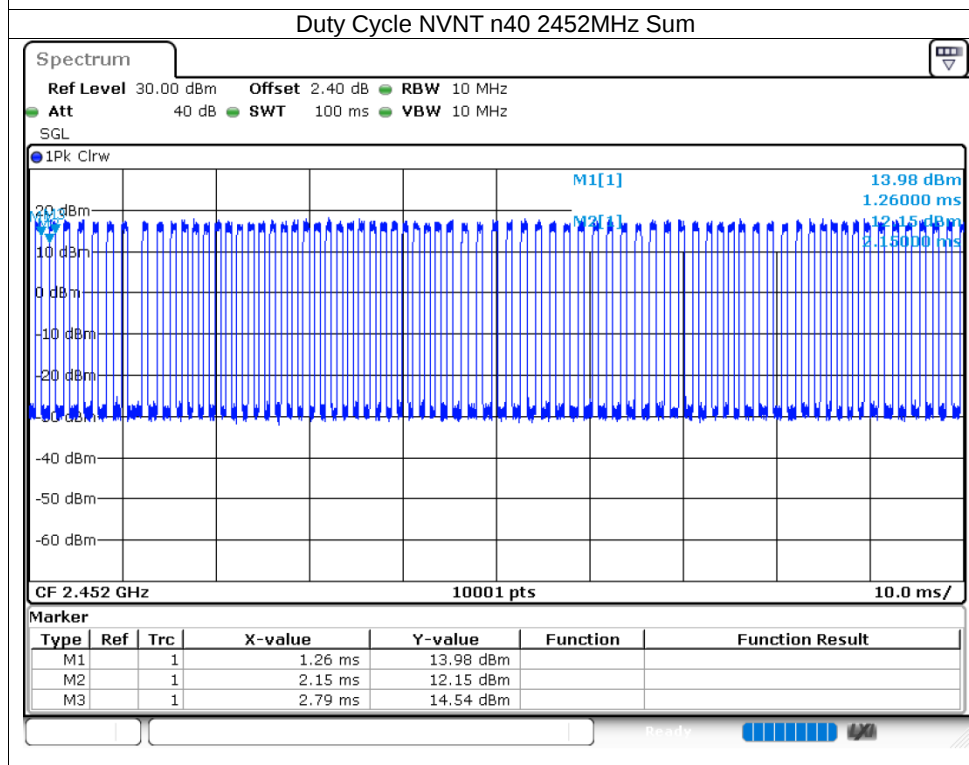
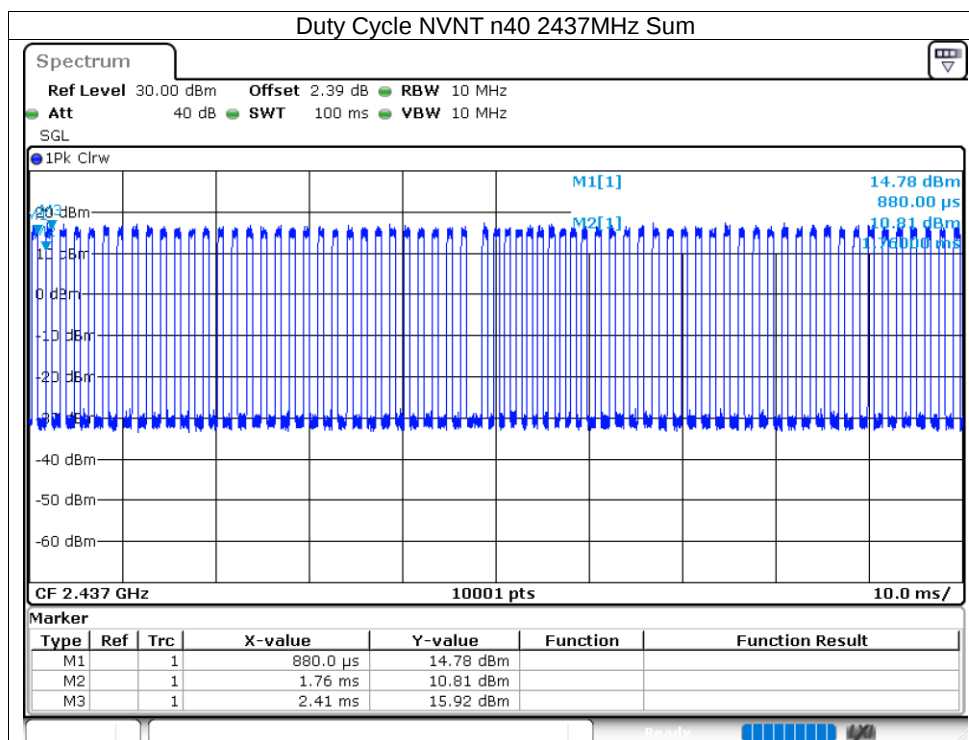










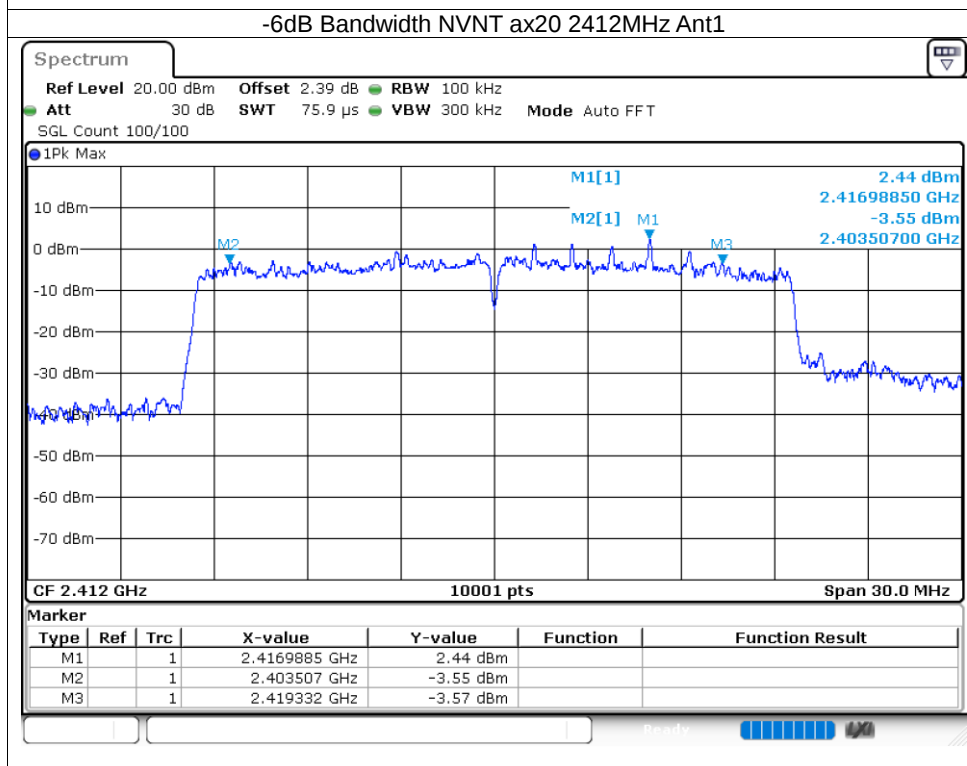
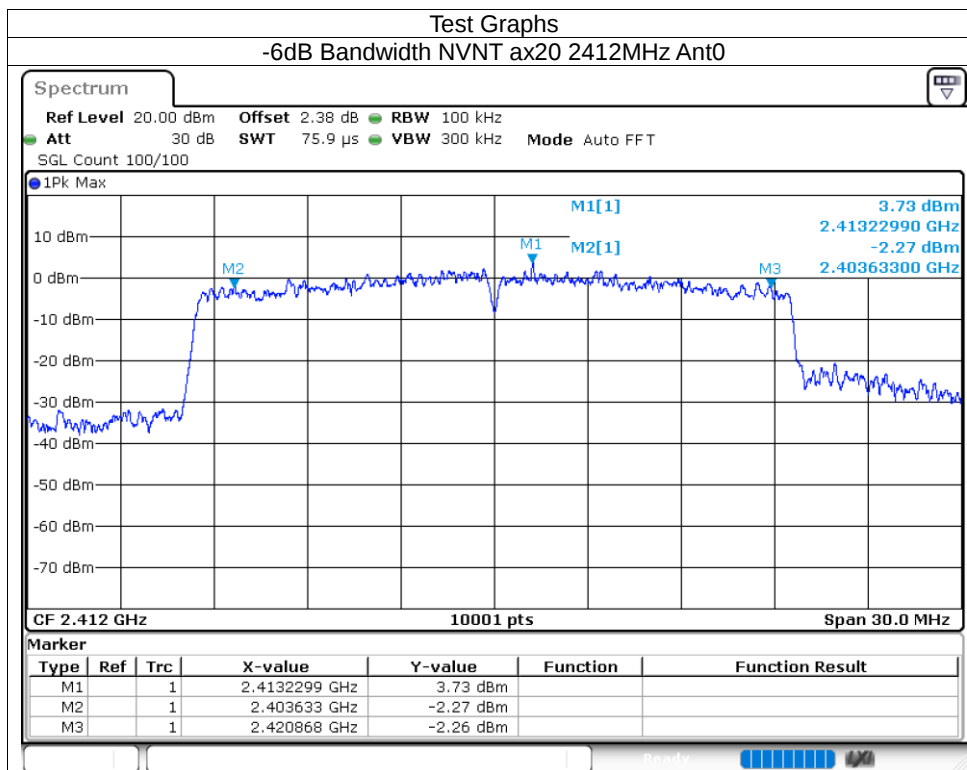


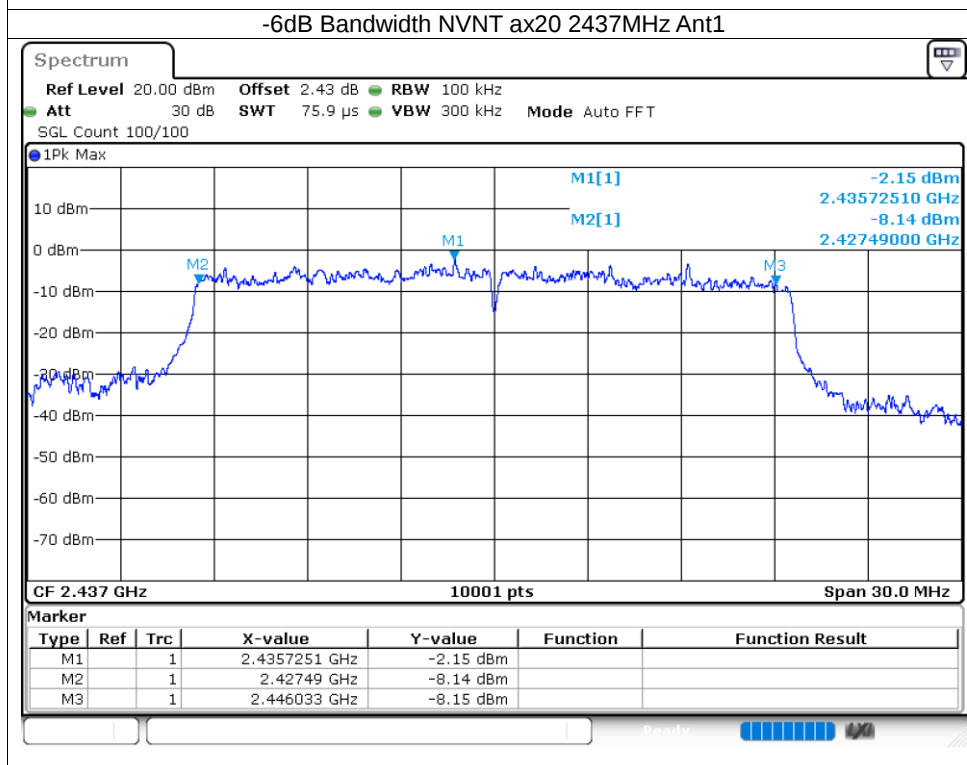
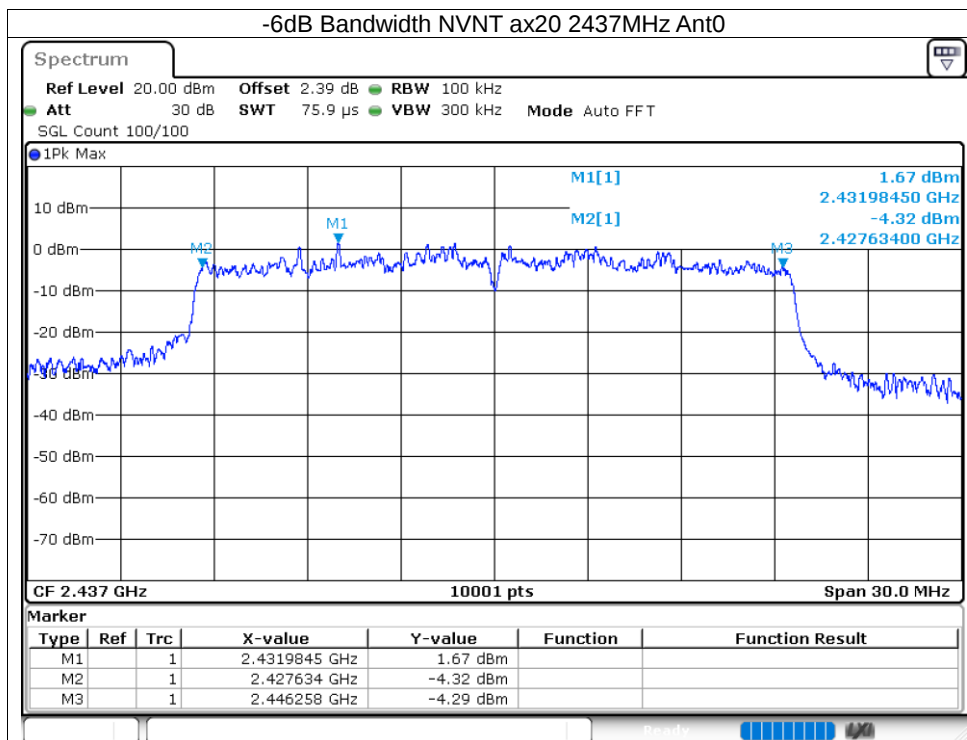
8.2.2 Maximum Conducted Output Power

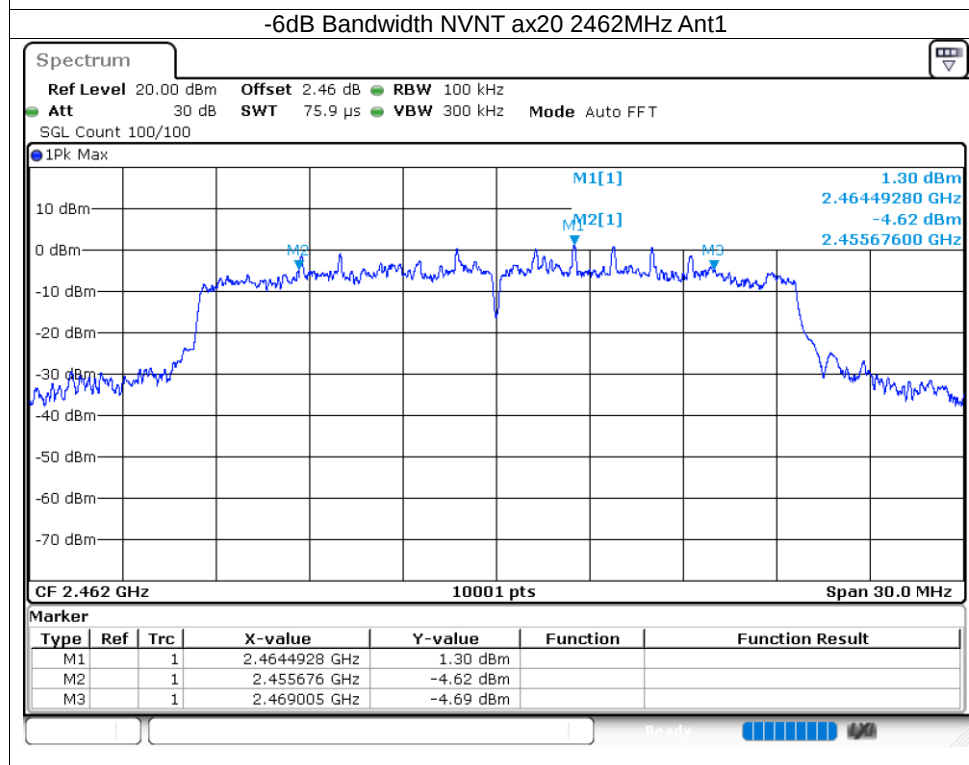
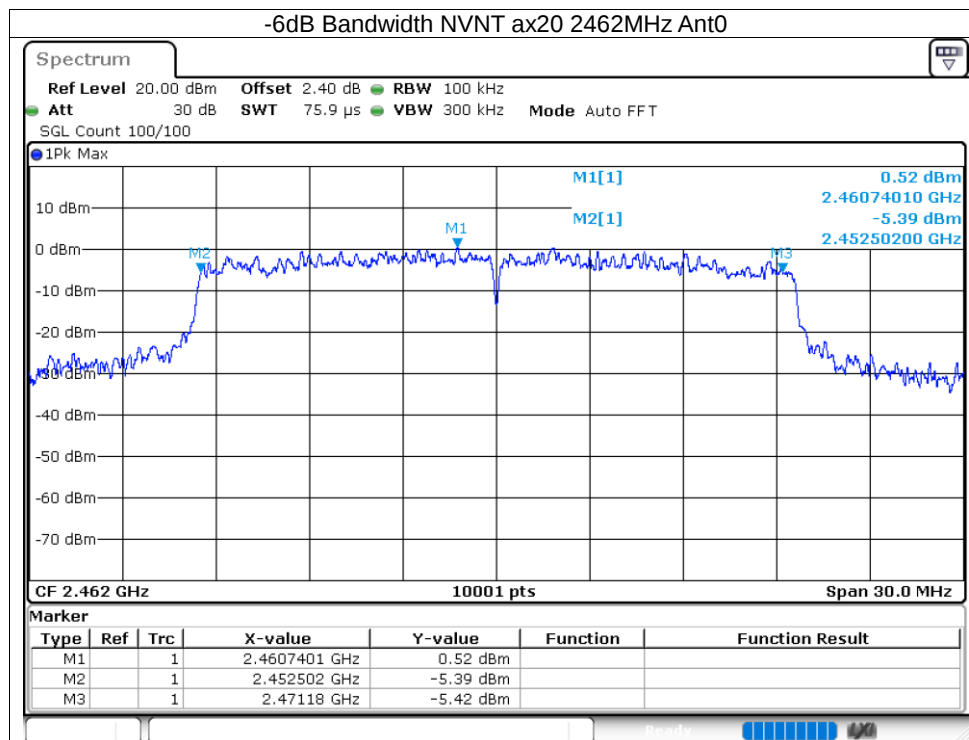
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ax20	2412	Ant0	11.57	30	Pass
NVNT	ax20	2412	Ant1	11.58	30	Pass
NVNT	ax20	2412	Sum	14.59	30	Pass
NVNT	ax20	2437	Ant0	11.6	30	Pass
NVNT	ax20	2437	Ant1	11.59	30	Pass
NVNT	ax20	2437	Sum	14.61	30	Pass
NVNT	ax20	2462	Ant0	11.58	30	Pass
NVNT	ax20	2462	Ant1	11.58	30	Pass
NVNT	ax20	2462	Sum	14.59	30	Pass
NVNT	ax40	2422	Ant0	11.58	30	Pass
NVNT	ax40	2422	Ant1	11.57	30	Pass
NVNT	ax40	2422	Sum	14.59	30	Pass
NVNT	ax40	2437	Ant0	11.58	30	Pass
NVNT	ax40	2437	Ant1	11.58	30	Pass
NVNT	ax40	2437	Sum	14.59	30	Pass
NVNT	ax40	2452	Ant0	11.59	30	Pass
NVNT	ax40	2452	Ant1	11.58	30	Pass
NVNT	ax40	2452	Sum	14.6	30	Pass
NVNT	n20	2412	Ant0	11.58	30	Pass
NVNT	n20	2412	Ant1	11.59	30	Pass
NVNT	n20	2412	Sum	14.6	30	Pass
NVNT	n20	2437	Ant0	11.59	30	Pass
NVNT	n20	2437	Ant1	11.59	30	Pass
NVNT	n20	2437	Sum	14.6	30	Pass
NVNT	n20	2462	Ant0	11.61	30	Pass
NVNT	n20	2462	Ant1	11.59	30	Pass
NVNT	n20	2462	Sum	14.61	30	Pass
NVNT	n40	2422	Ant0	11.57	30	Pass
NVNT	n40	2422	Ant1	11.57	30	Pass
NVNT	n40	2422	Sum	14.58	30	Pass
NVNT	n40	2437	Ant0	11.59	30	Pass
NVNT	n40	2437	Ant1	11.61	30	Pass
NVNT	n40	2437	Sum	14.61	30	Pass
NVNT	n40	2452	Ant0	11.58	30	Pass
NVNT	n40	2452	Ant1	11.59	30	Pass
NVNT	n40	2452	Sum	14.6	30	Pass

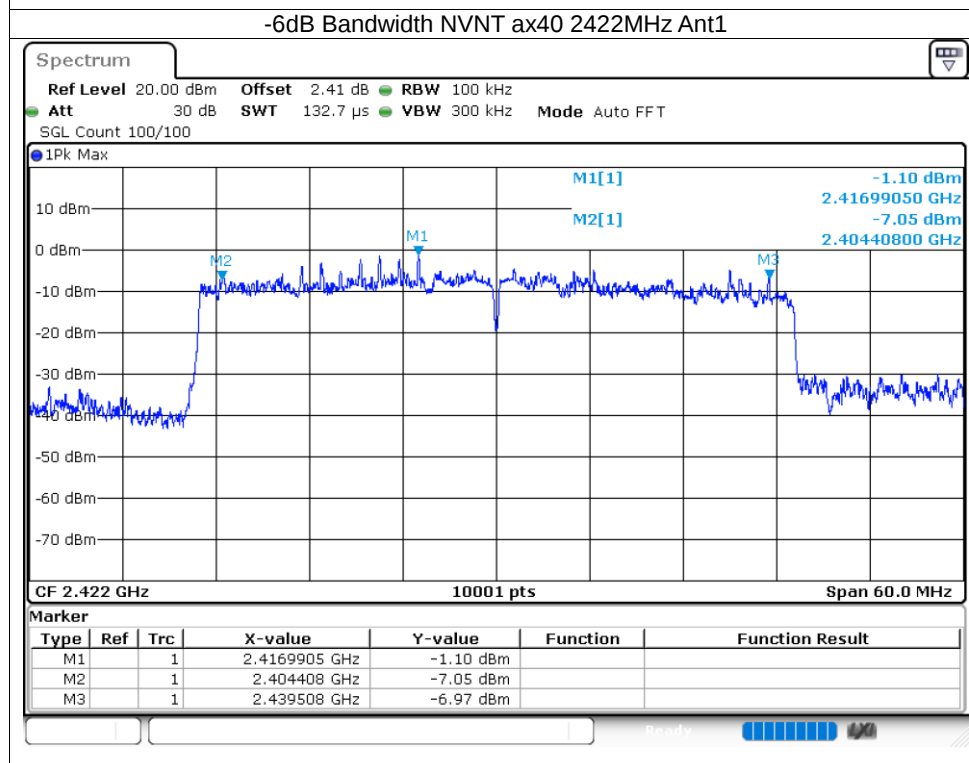
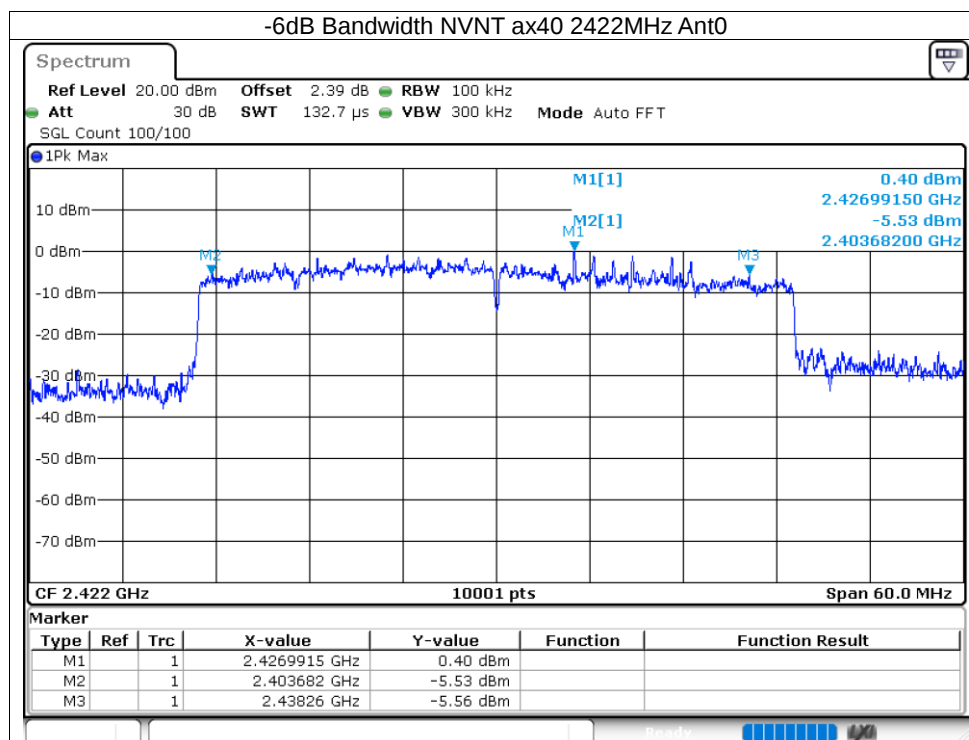
8.2.3 -6dB Bandwidth

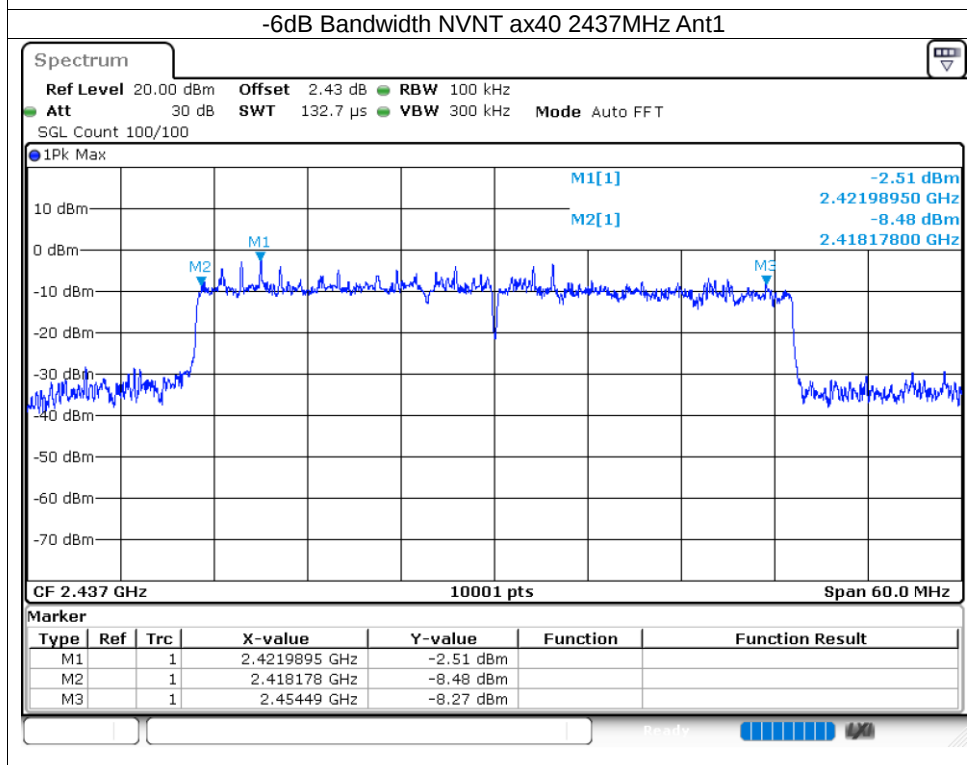
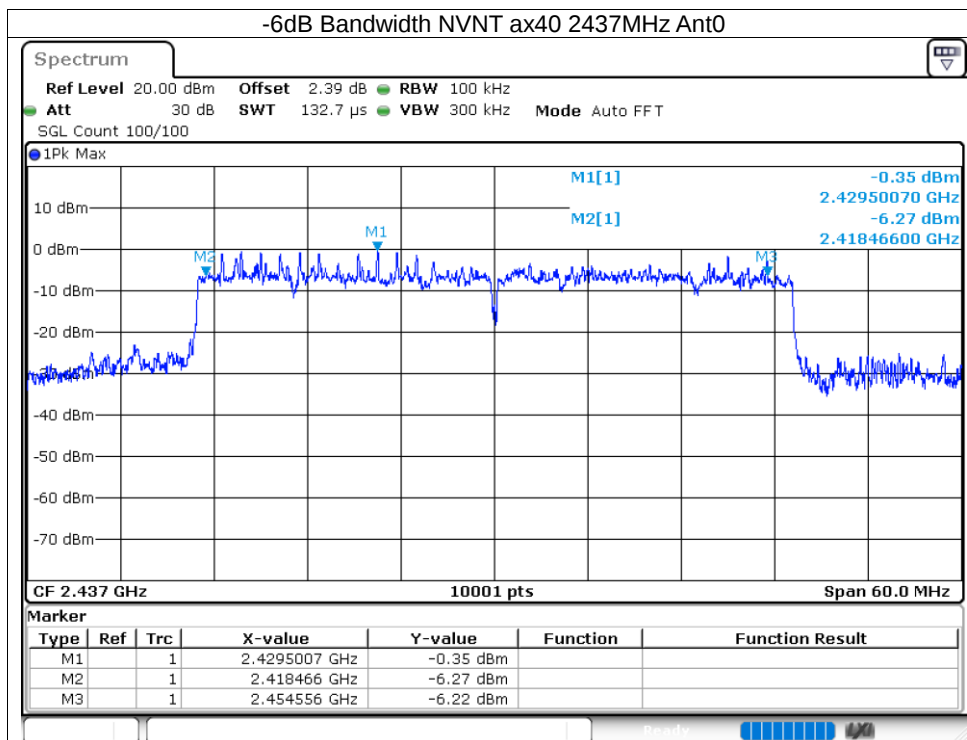
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	ax20	2412	Ant0	17.235	0.5	Pass
NVNT	ax20	2412	Ant1	15.825	0.5	Pass
NVNT	ax20	2437	Ant0	18.624	0.5	Pass
NVNT	ax20	2437	Ant1	18.543	0.5	Pass
NVNT	ax20	2462	Ant0	18.678	0.5	Pass
NVNT	ax20	2462	Ant1	13.329	0.5	Pass
NVNT	ax40	2422	Ant0	34.578	0.5	Pass
NVNT	ax40	2422	Ant1	35.1	0.5	Pass
NVNT	ax40	2437	Ant0	36.09	0.5	Pass
NVNT	ax40	2437	Ant1	36.312	0.5	Pass
NVNT	ax40	2452	Ant0	35.088	0.5	Pass
NVNT	ax40	2452	Ant1	36.42	0.5	Pass
NVNT	n20	2412	Ant0	17.79	0.5	Pass
NVNT	n20	2412	Ant1	15.75	0.5	Pass
NVNT	n20	2437	Ant0	17.613	0.5	Pass
NVNT	n20	2437	Ant1	16.887	0.5	Pass
NVNT	n20	2462	Ant0	17.592	0.5	Pass
NVNT	n20	2462	Ant1	17.589	0.5	Pass
NVNT	n40	2422	Ant0	36.3	0.5	Pass
NVNT	n40	2422	Ant1	35.322	0.5	Pass
NVNT	n40	2437	Ant0	36.288	0.5	Pass
NVNT	n40	2437	Ant1	36.378	0.5	Pass
NVNT	n40	2452	Ant0	36.048	0.5	Pass
NVNT	n40	2452	Ant1	35.076	0.5	Pass

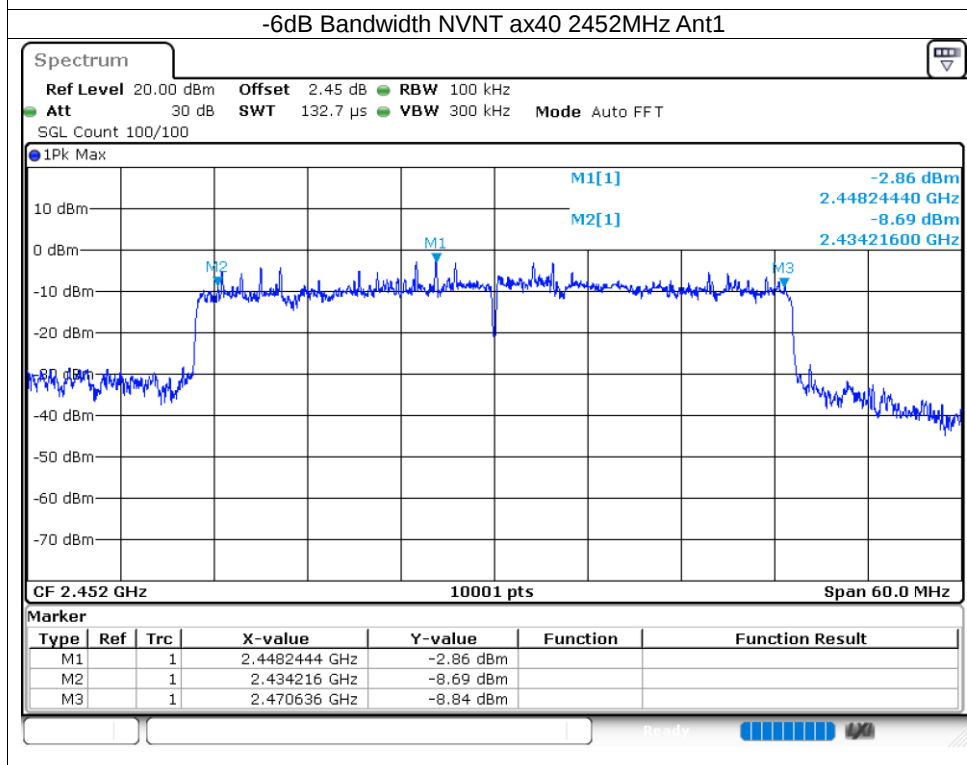
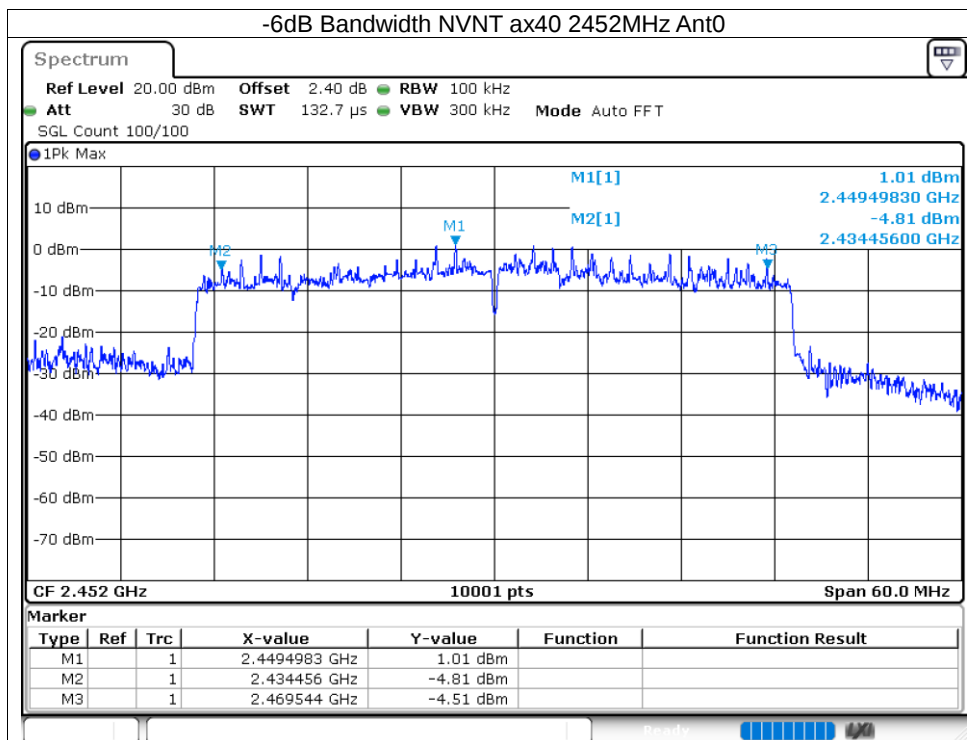


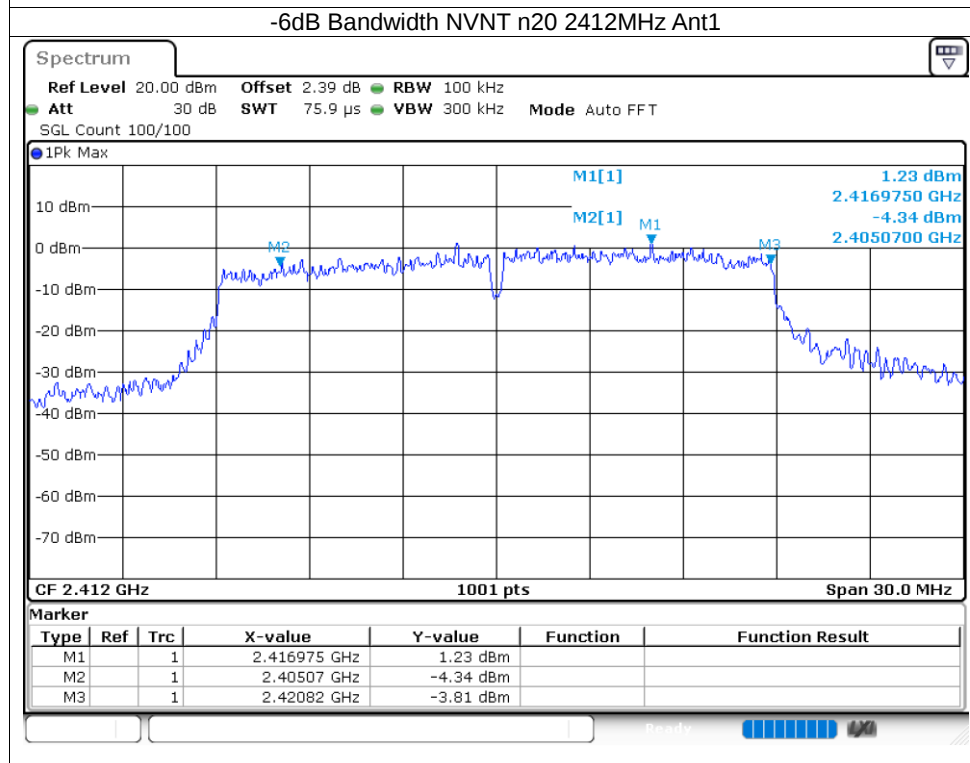
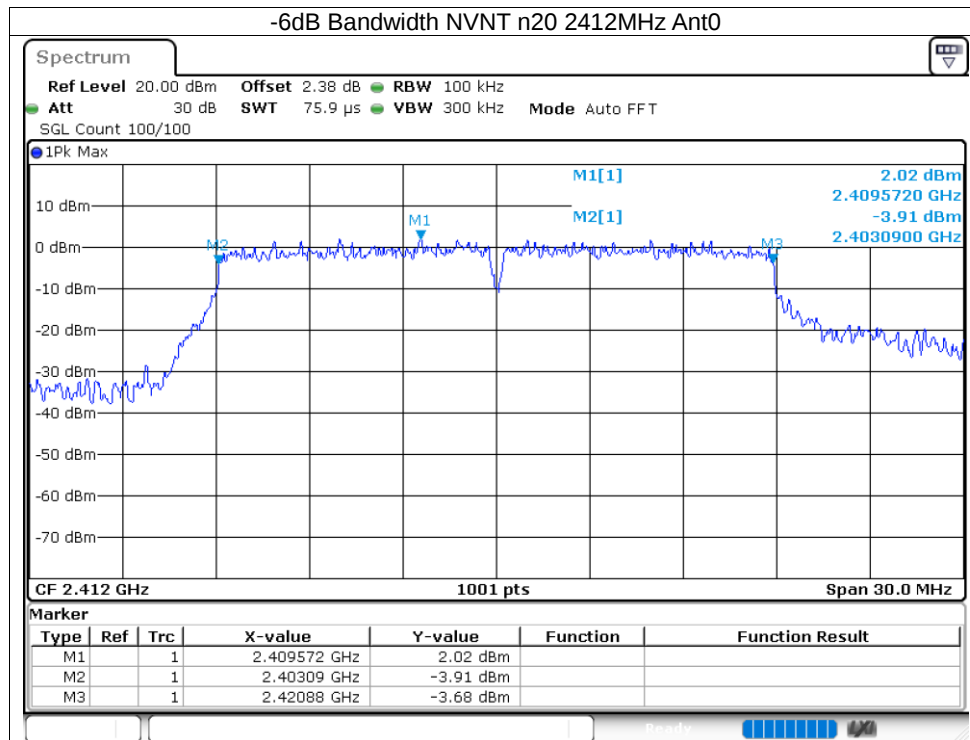


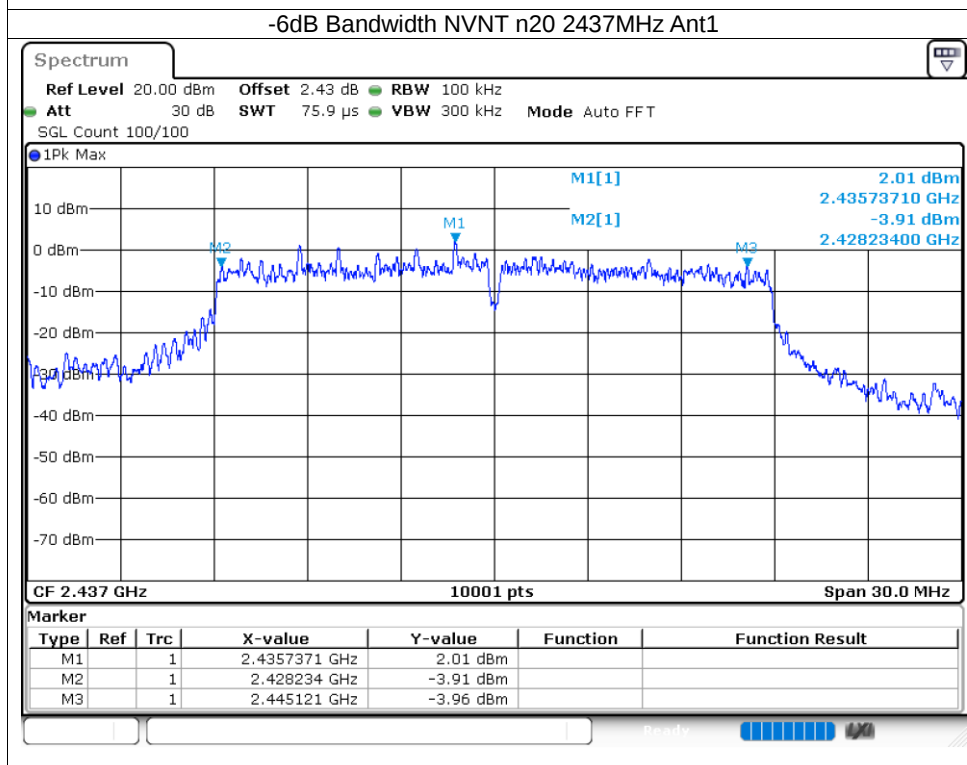
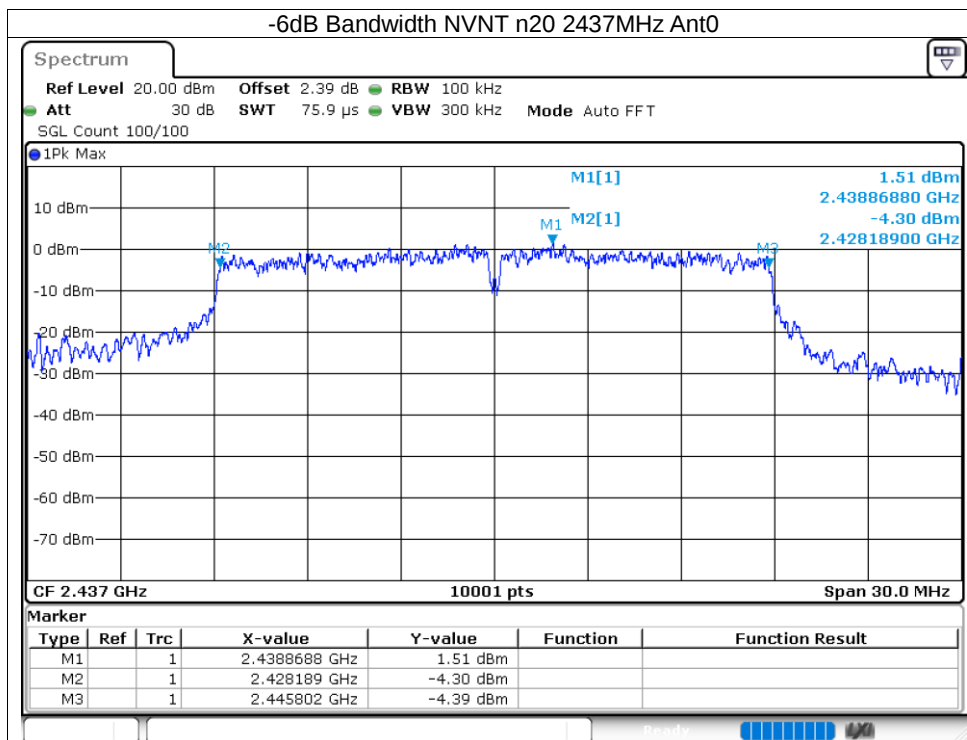


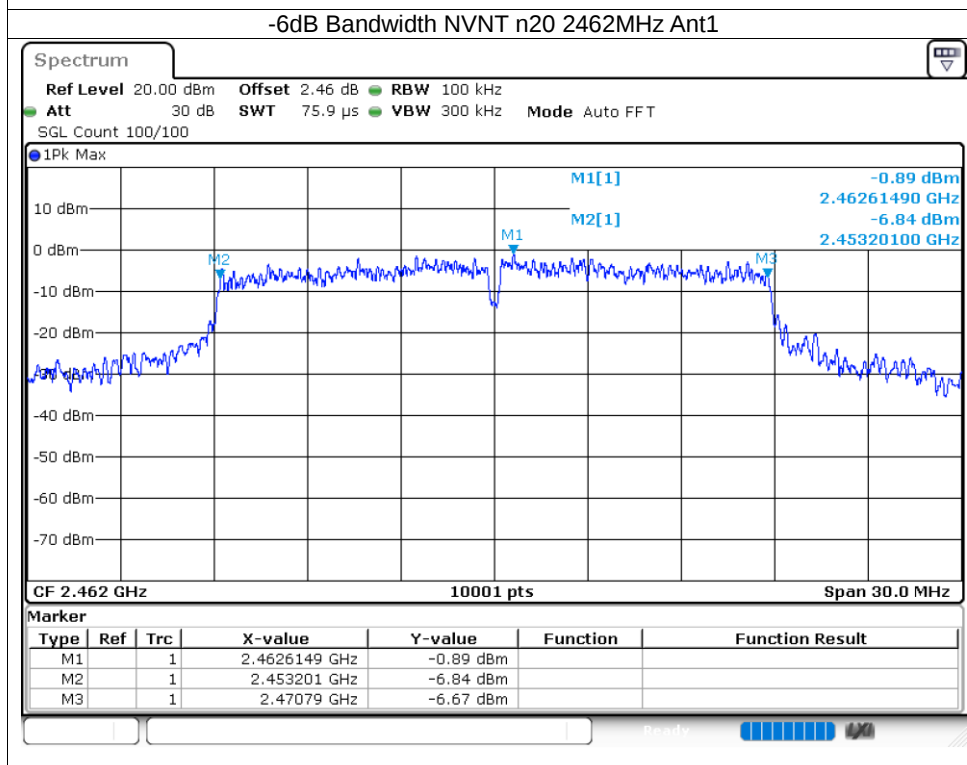
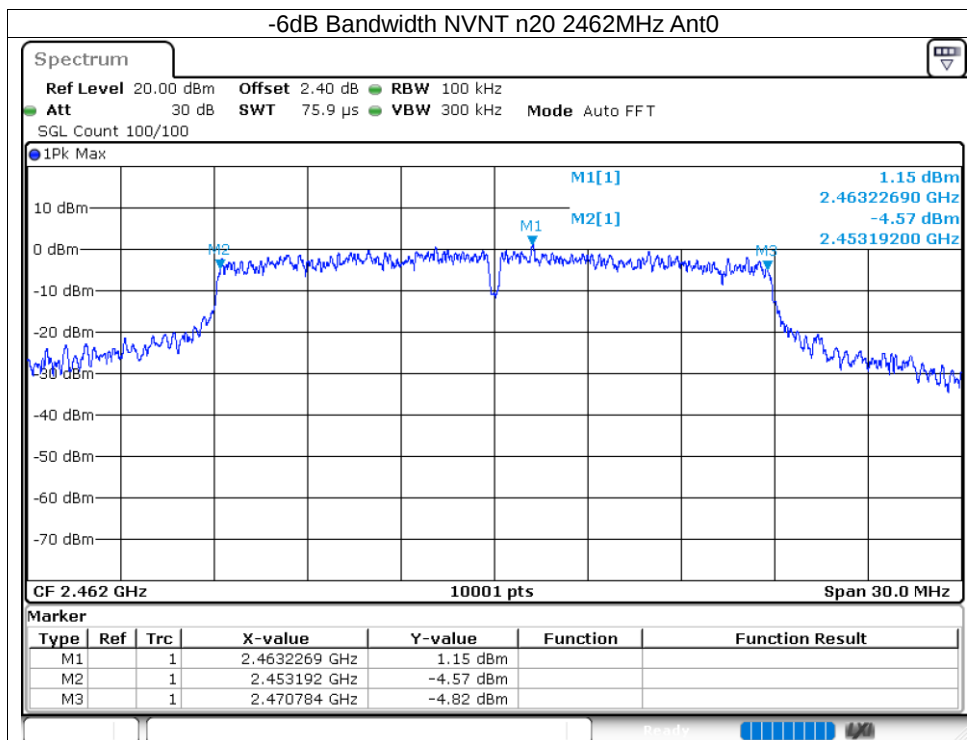


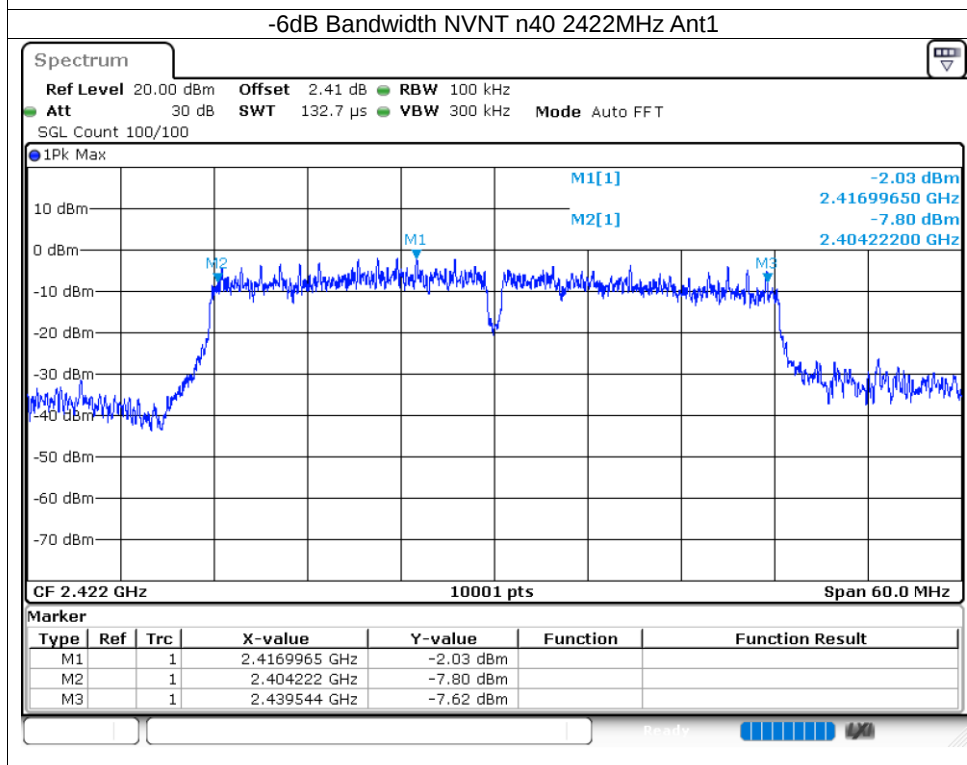
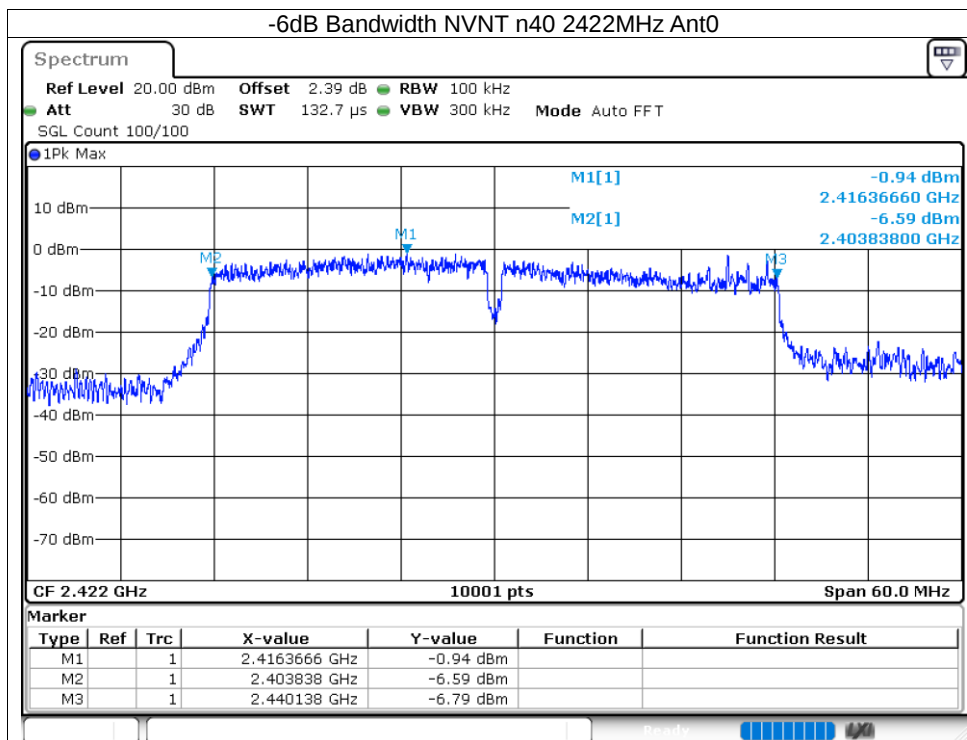


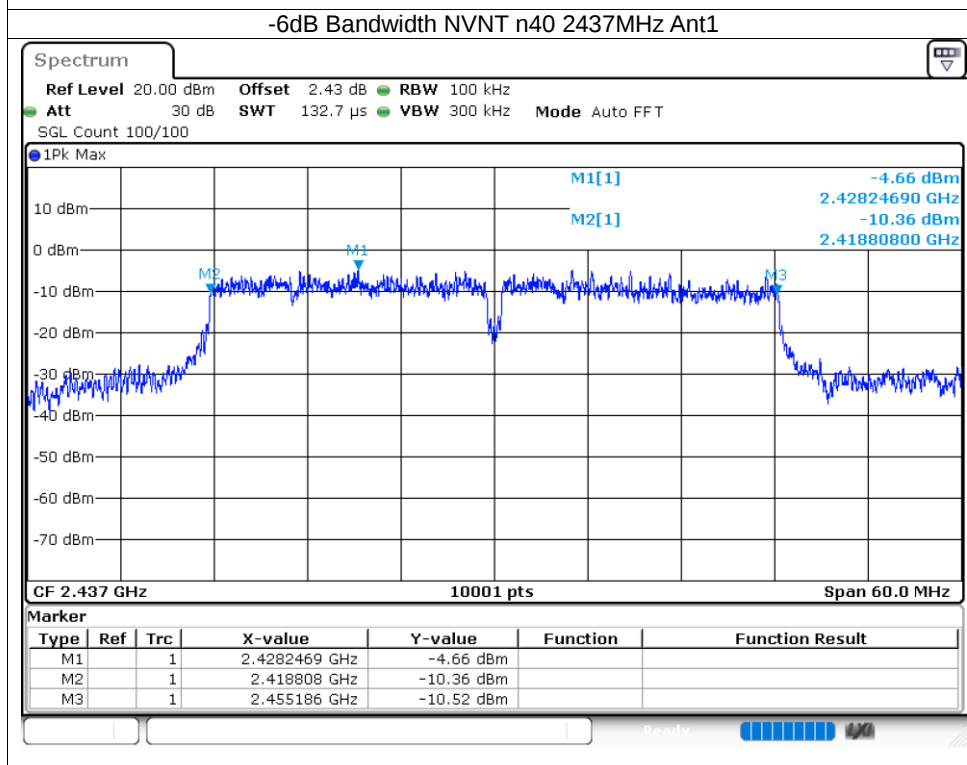
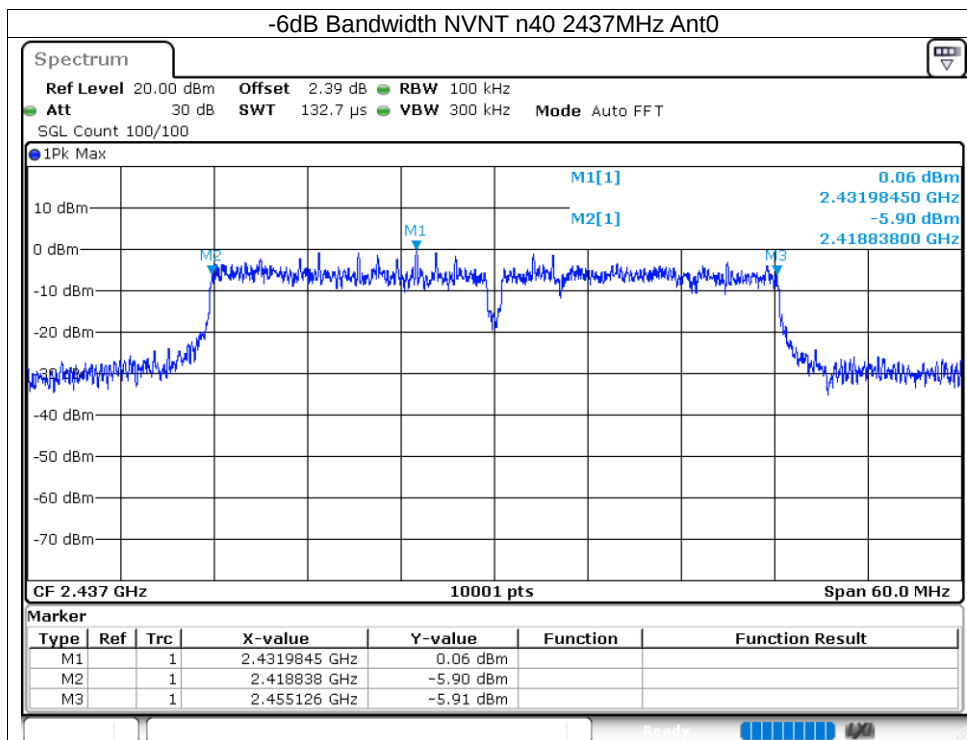


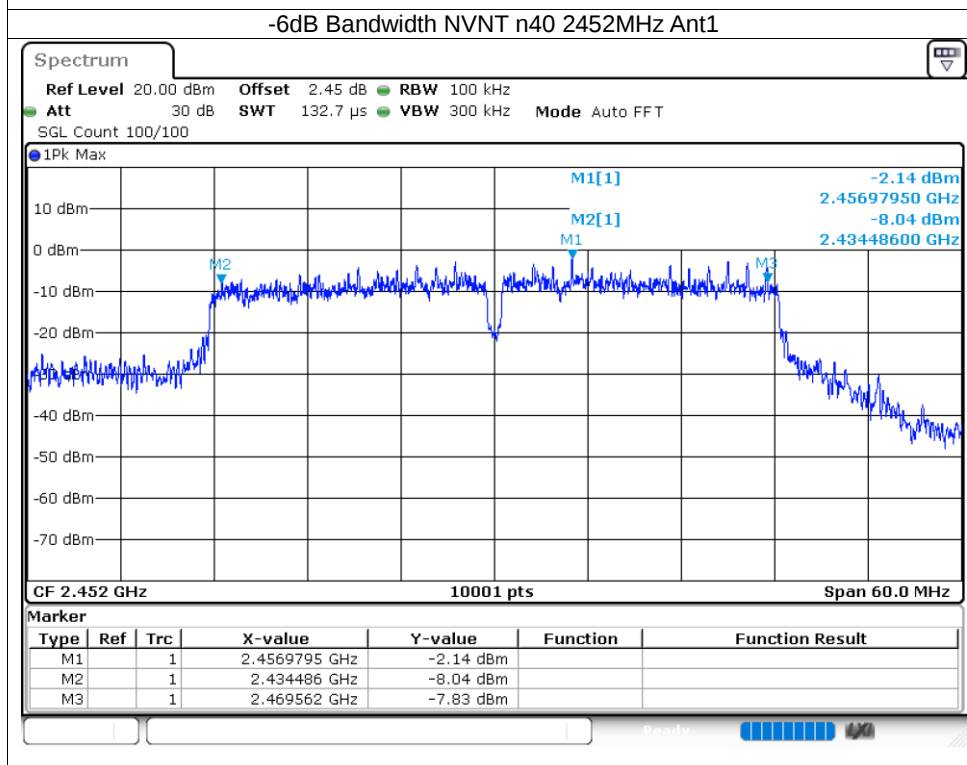
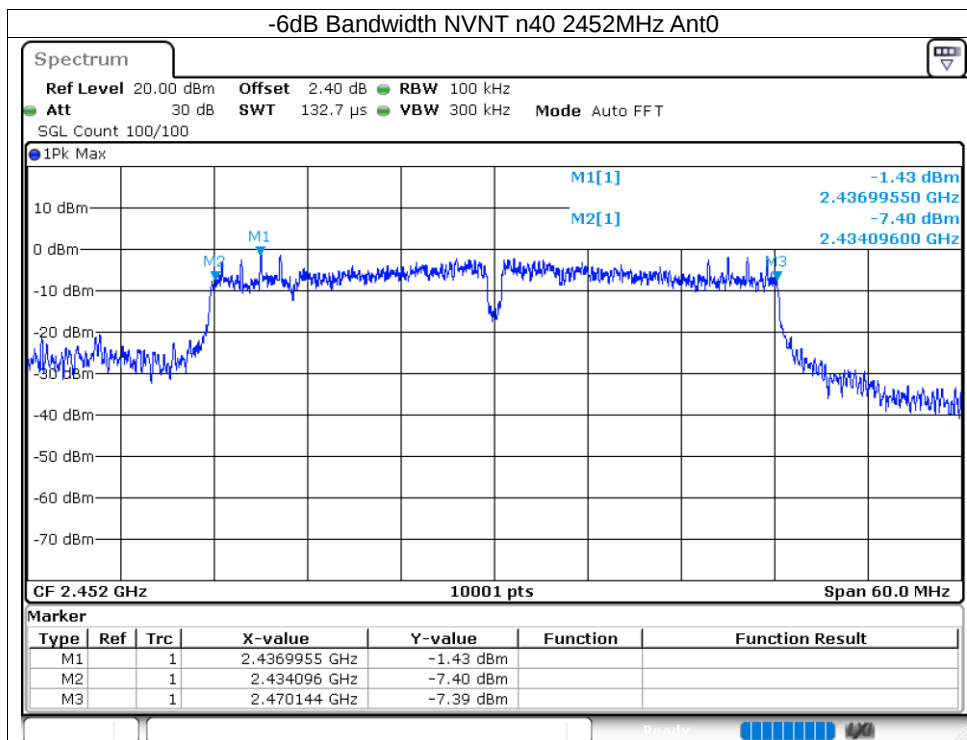






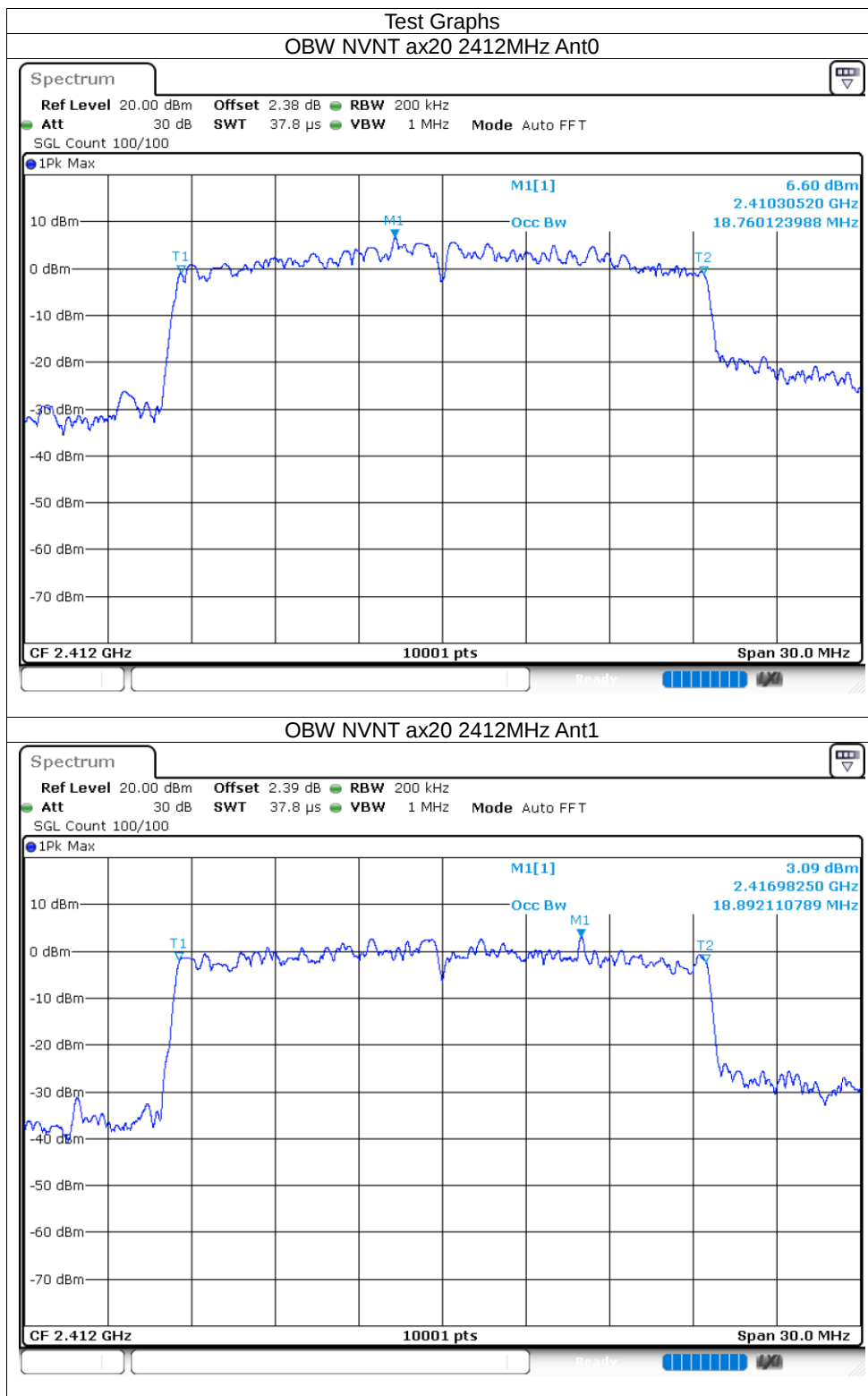


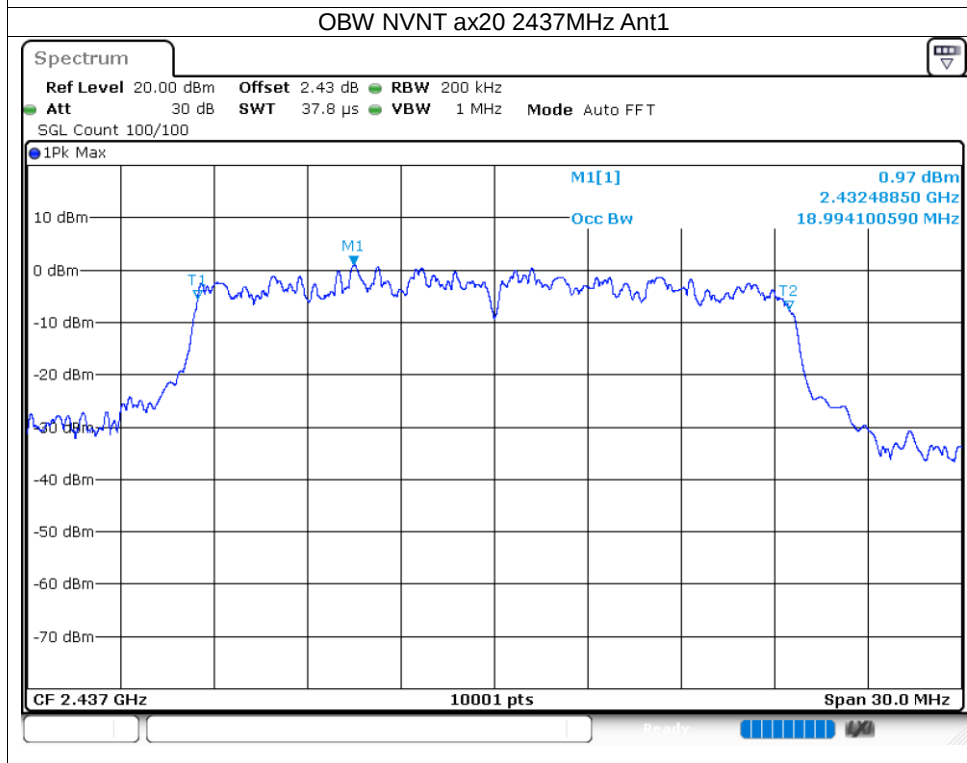
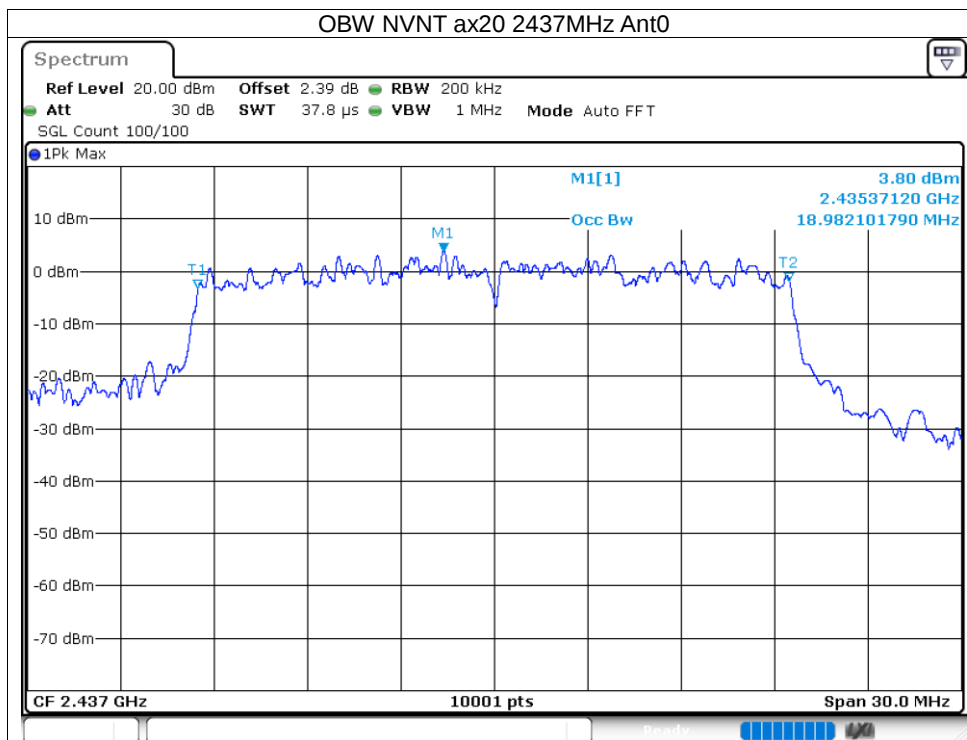


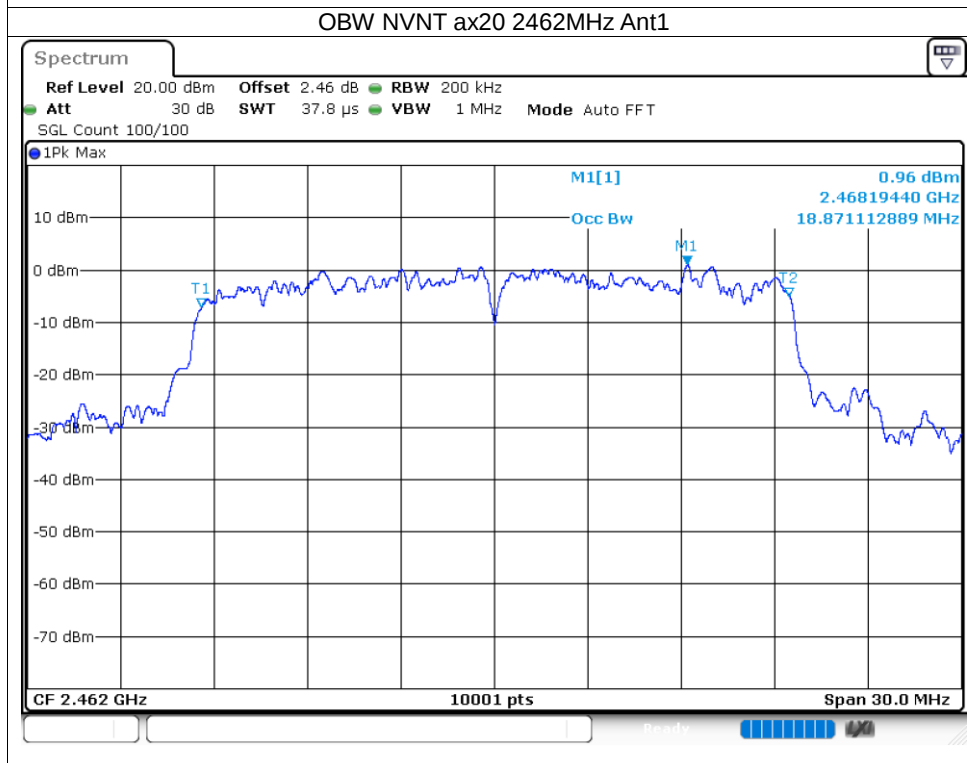
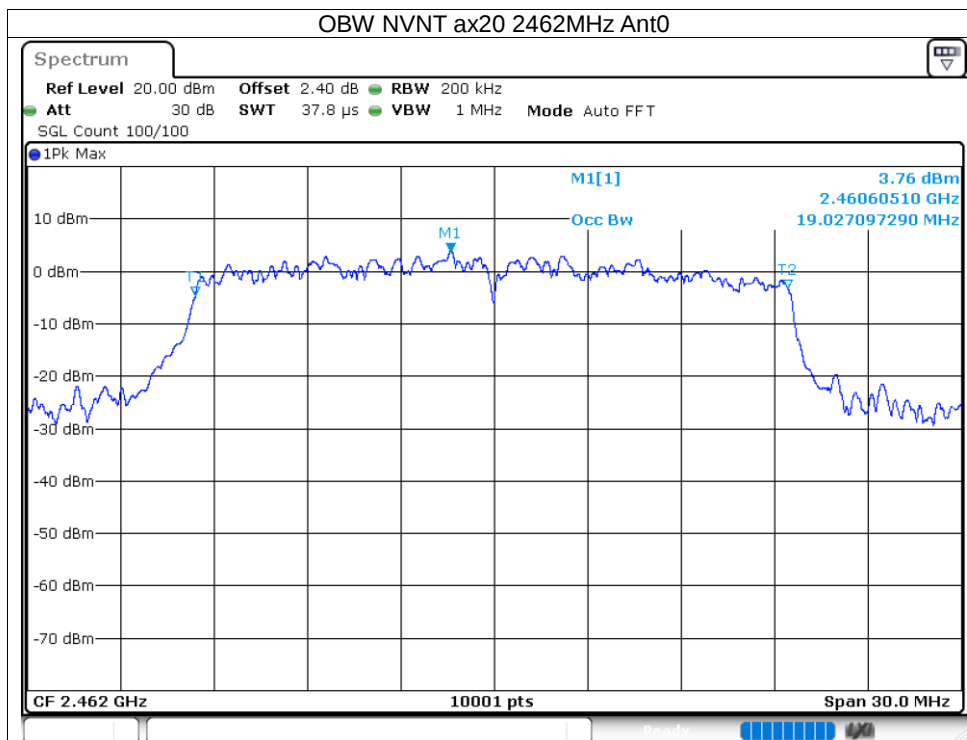


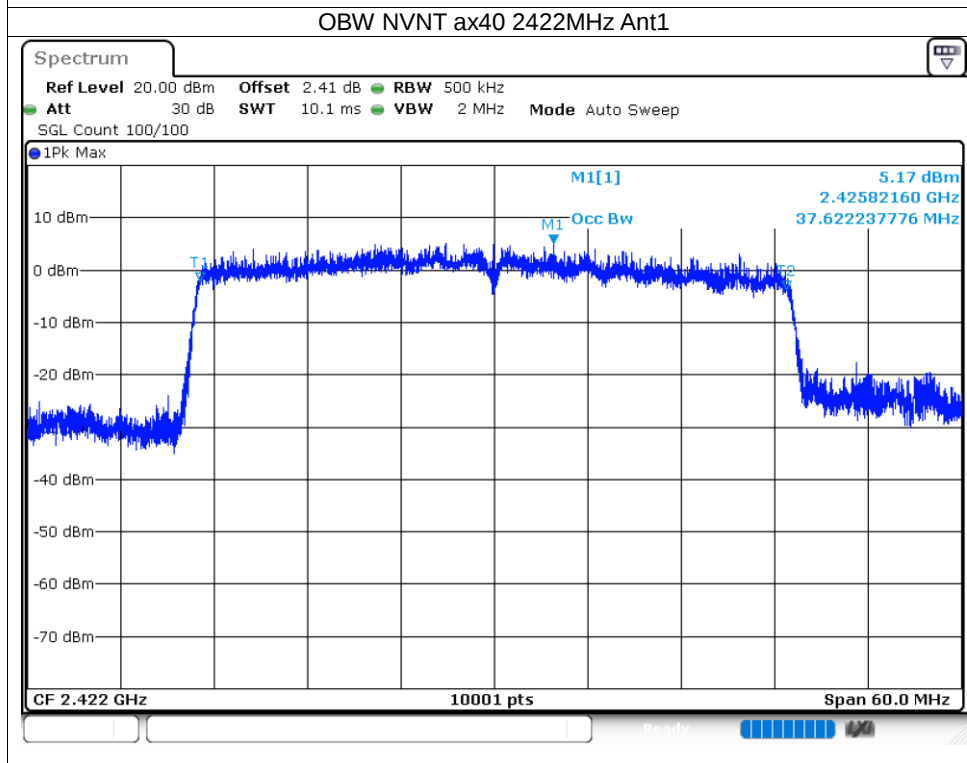
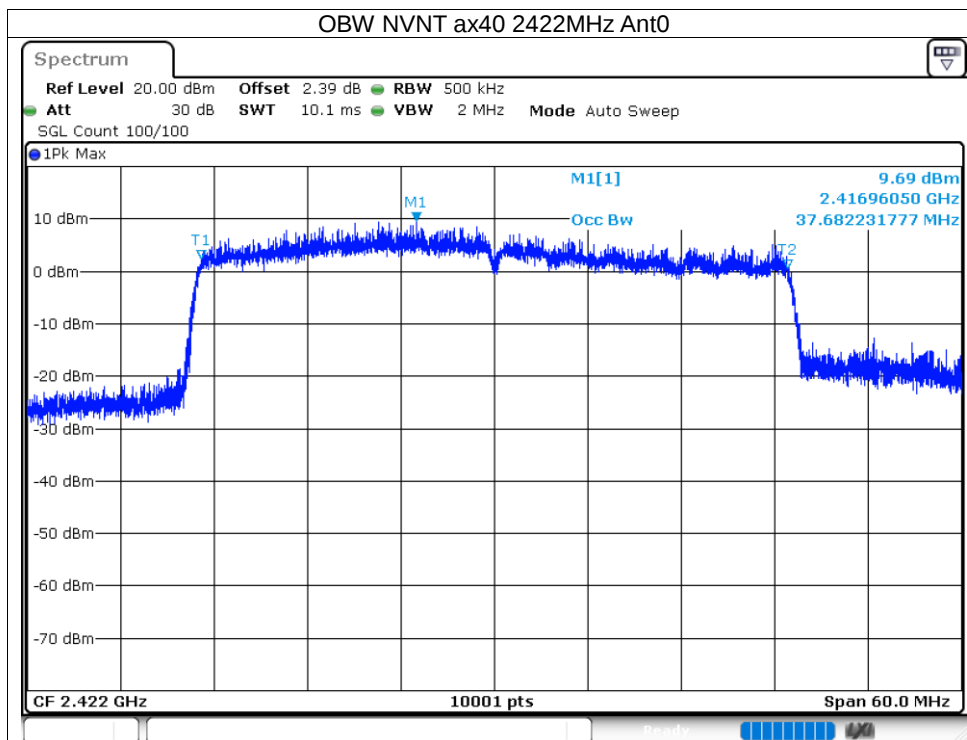
8.2.4 Occupied Channel Bandwidth

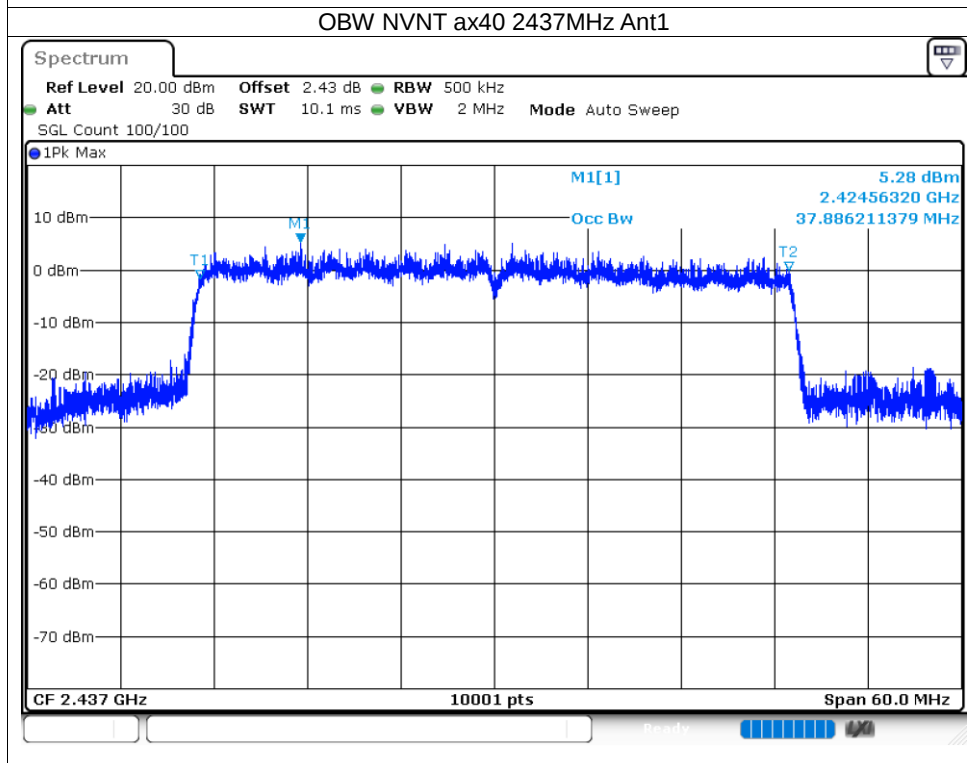
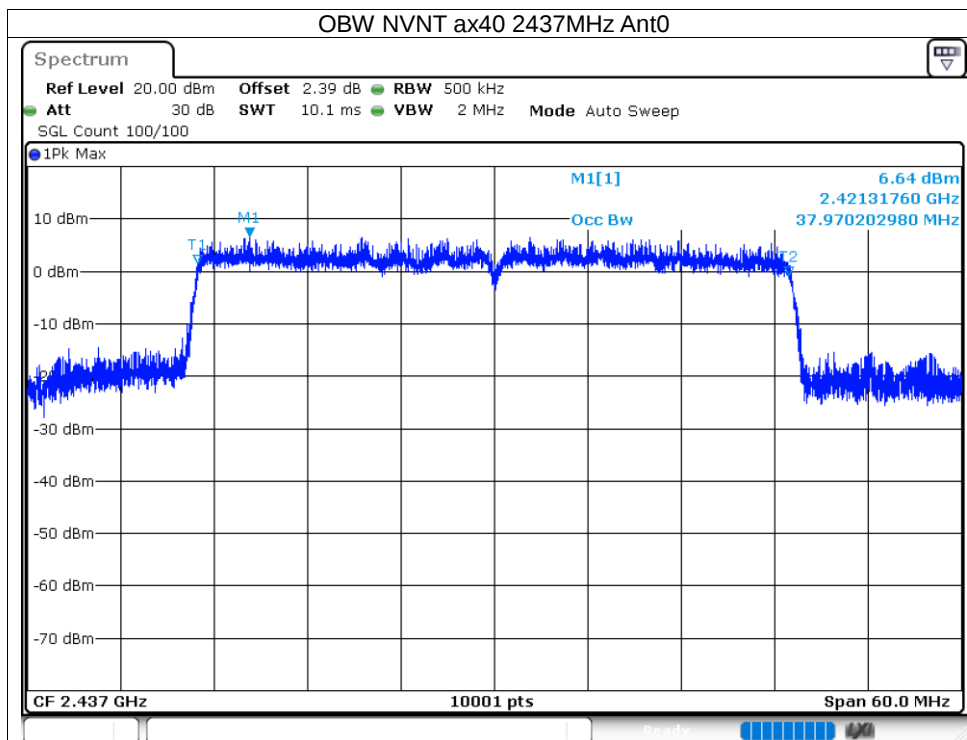
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax20	2412	Ant0	18.76
NVNT	ax20	2412	Ant1	18.892
NVNT	ax20	2437	Ant0	18.982
NVNT	ax20	2437	Ant1	18.994
NVNT	ax20	2462	Ant0	19.027
NVNT	ax20	2462	Ant1	18.871
NVNT	ax40	2422	Ant0	37.682
NVNT	ax40	2422	Ant1	37.622
NVNT	ax40	2437	Ant0	37.97
NVNT	ax40	2437	Ant1	37.886
NVNT	ax40	2452	Ant0	37.76
NVNT	ax40	2452	Ant1	37.814
NVNT	n20	2412	Ant0	18.001
NVNT	n20	2412	Ant1	17.719
NVNT	n20	2437	Ant0	17.842
NVNT	n20	2437	Ant1	17.878
NVNT	n20	2462	Ant0	17.749
NVNT	n20	2462	Ant1	17.689
NVNT	n40	2422	Ant0	36.308
NVNT	n40	2422	Ant1	36.242
NVNT	n40	2437	Ant0	36.914
NVNT	n40	2437	Ant1	36.674
NVNT	n40	2452	Ant0	36.512
NVNT	n40	2452	Ant1	36.572

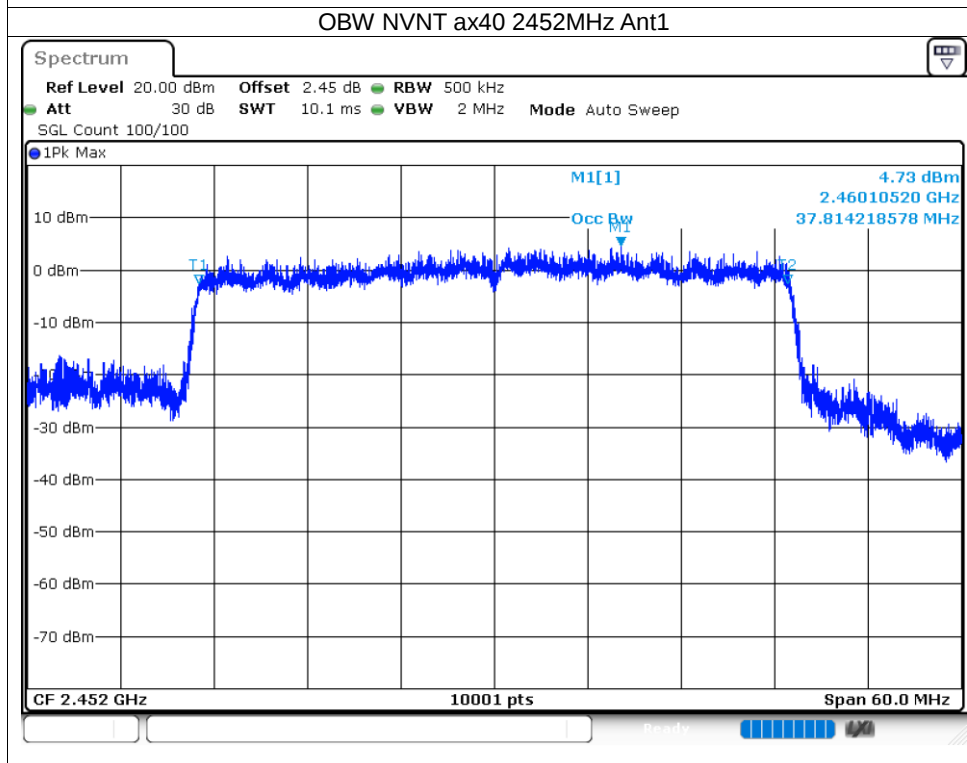
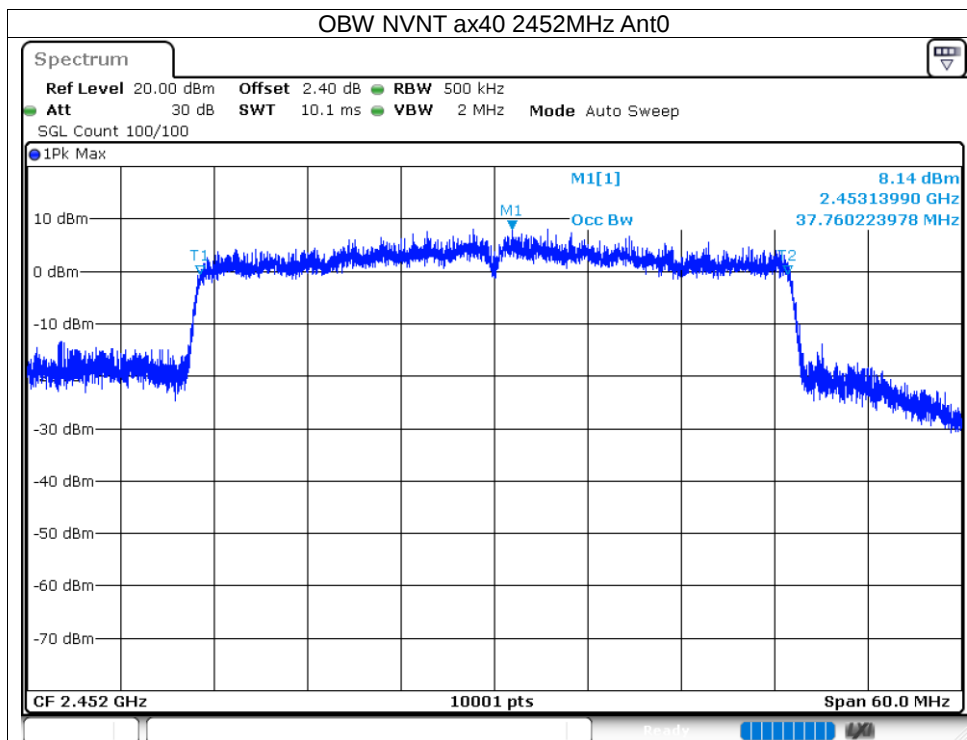


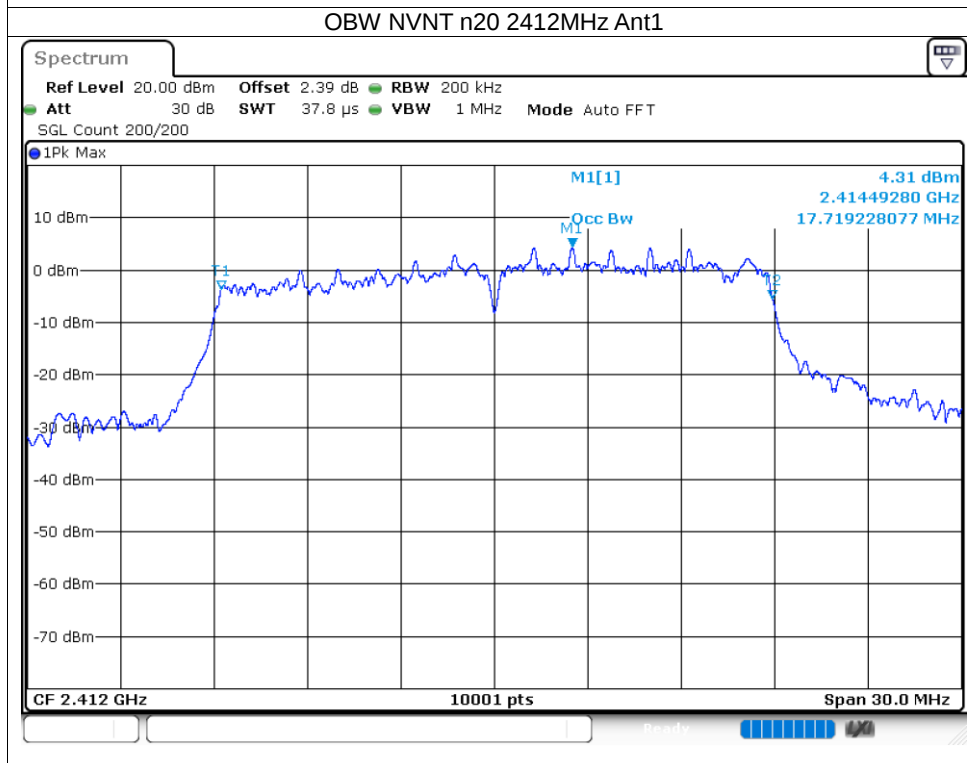
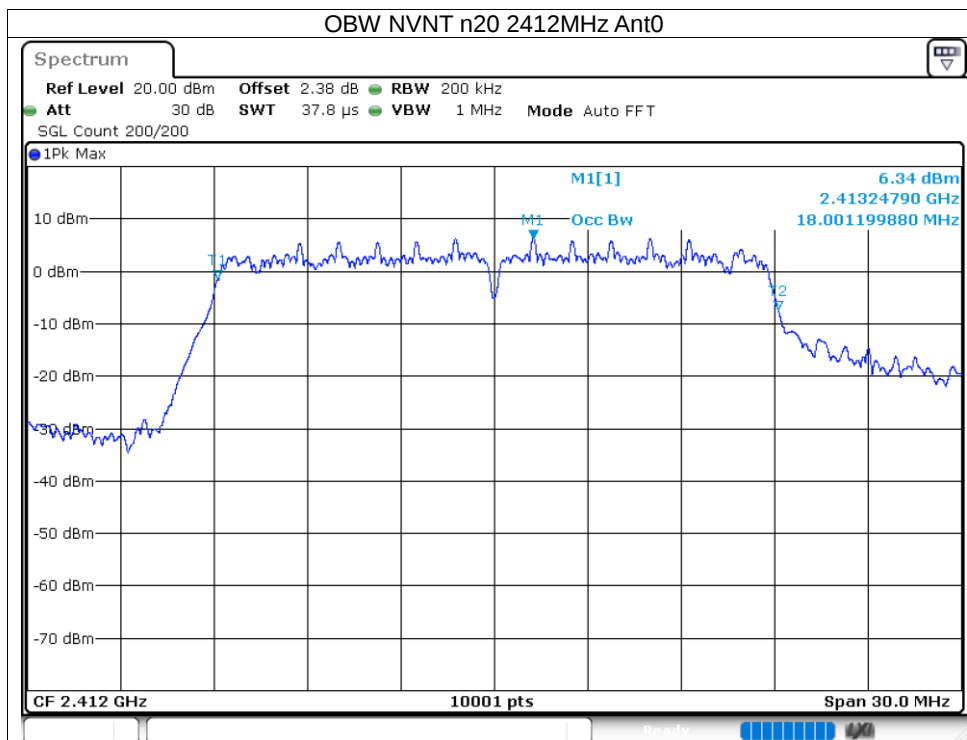


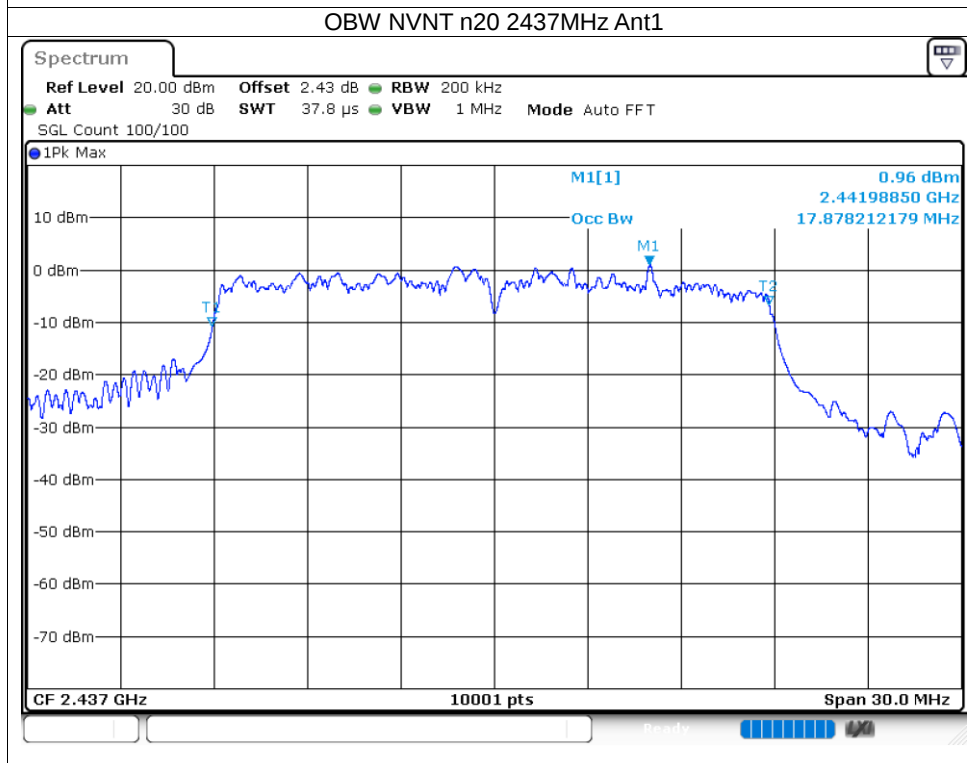
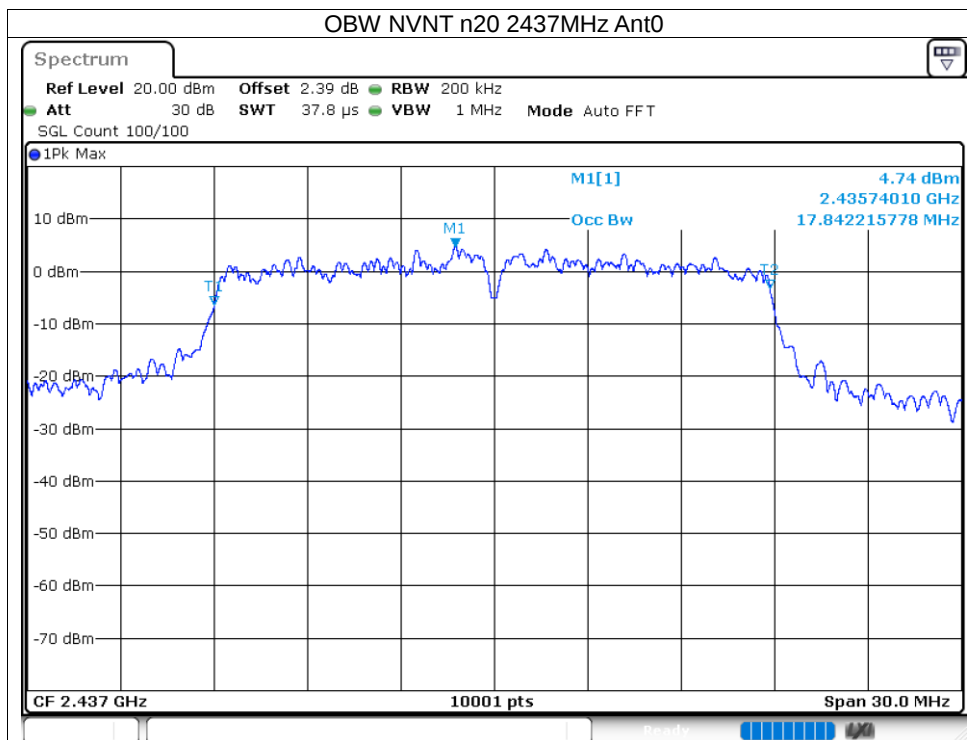


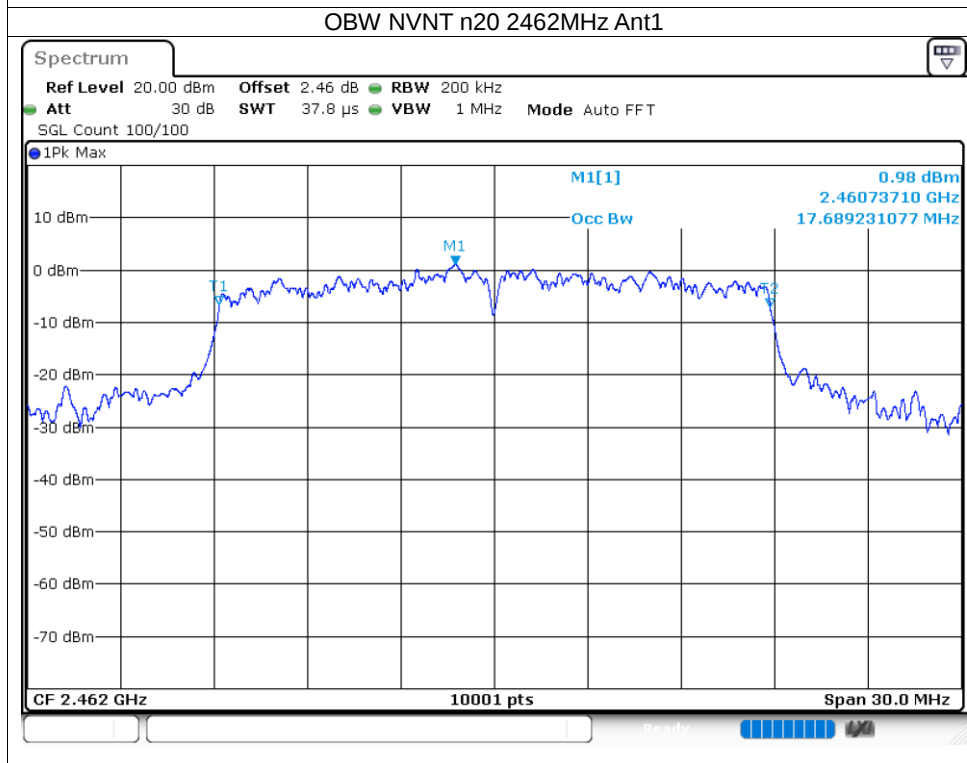
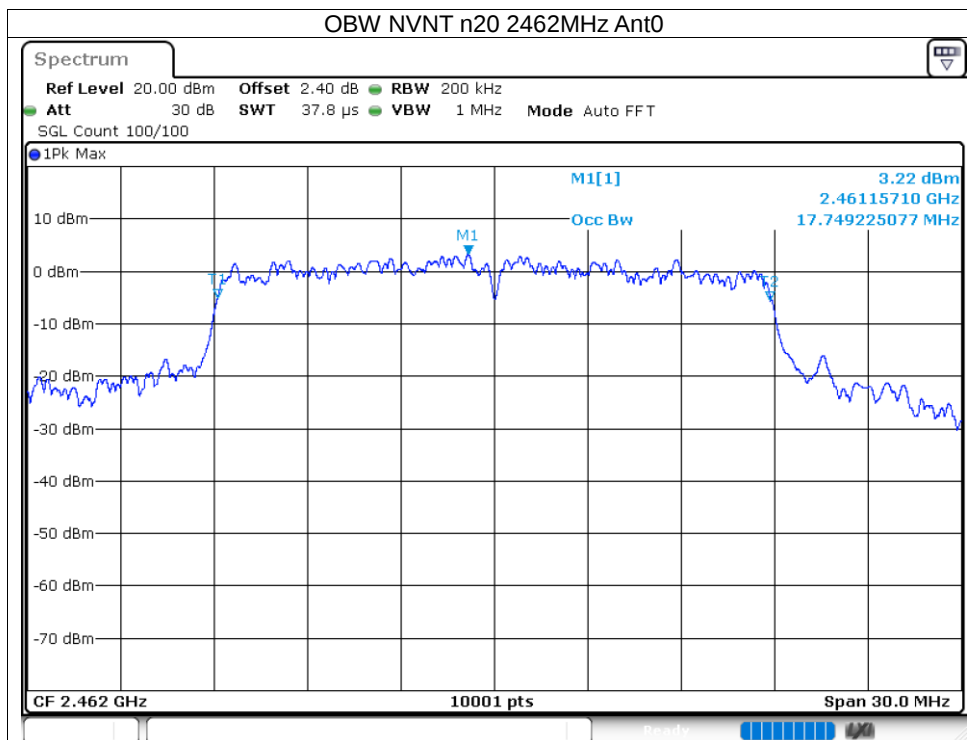


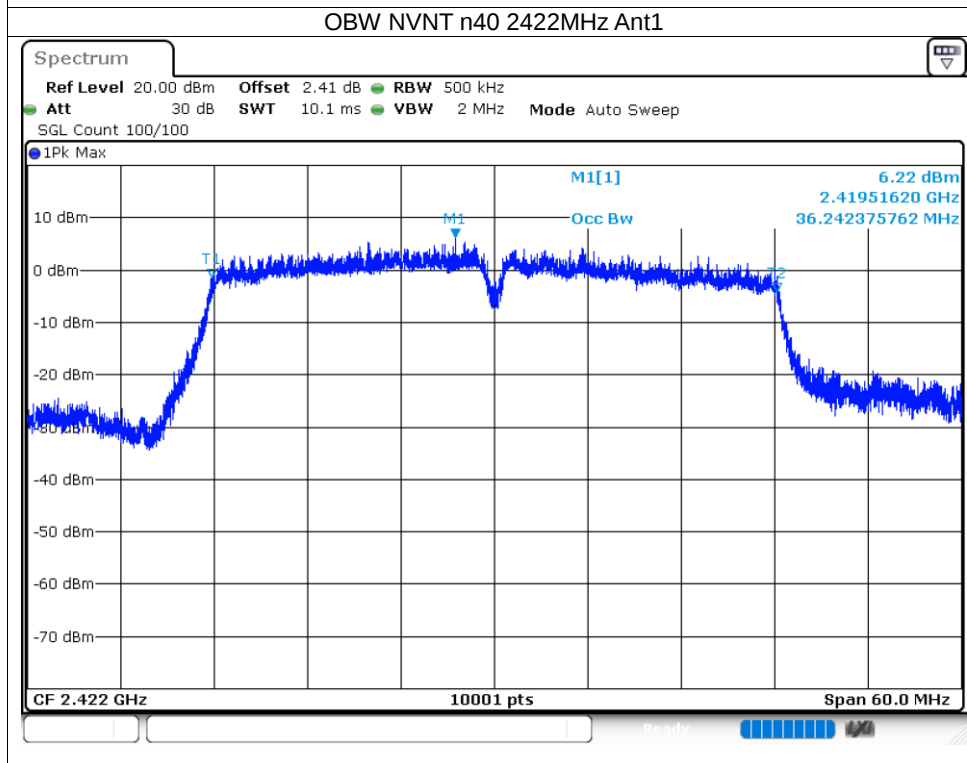
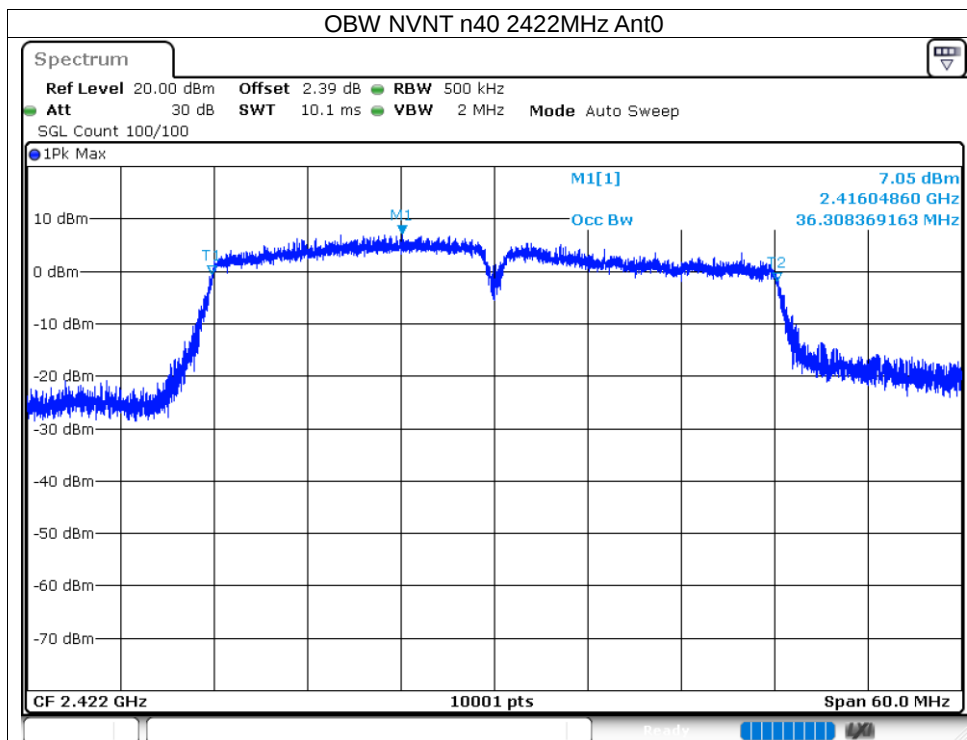


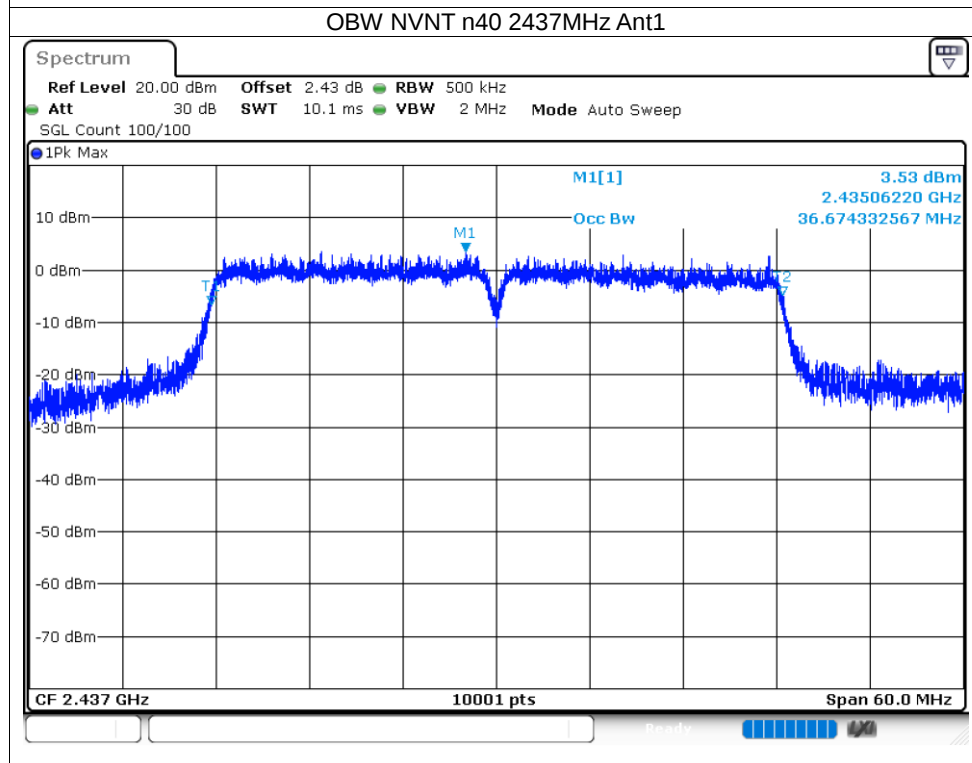
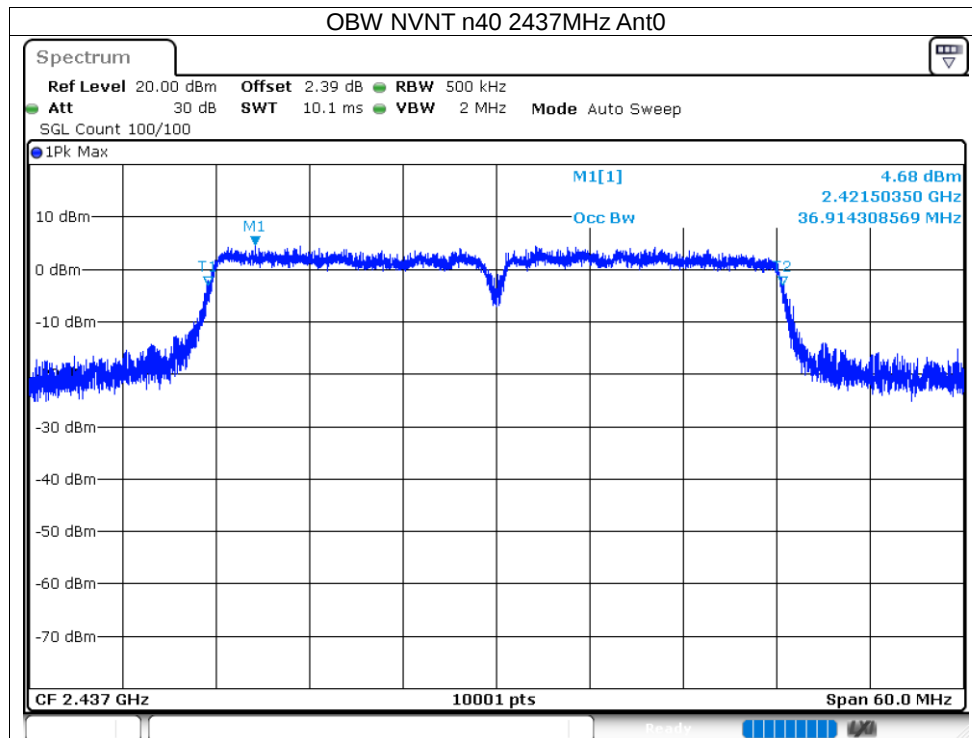


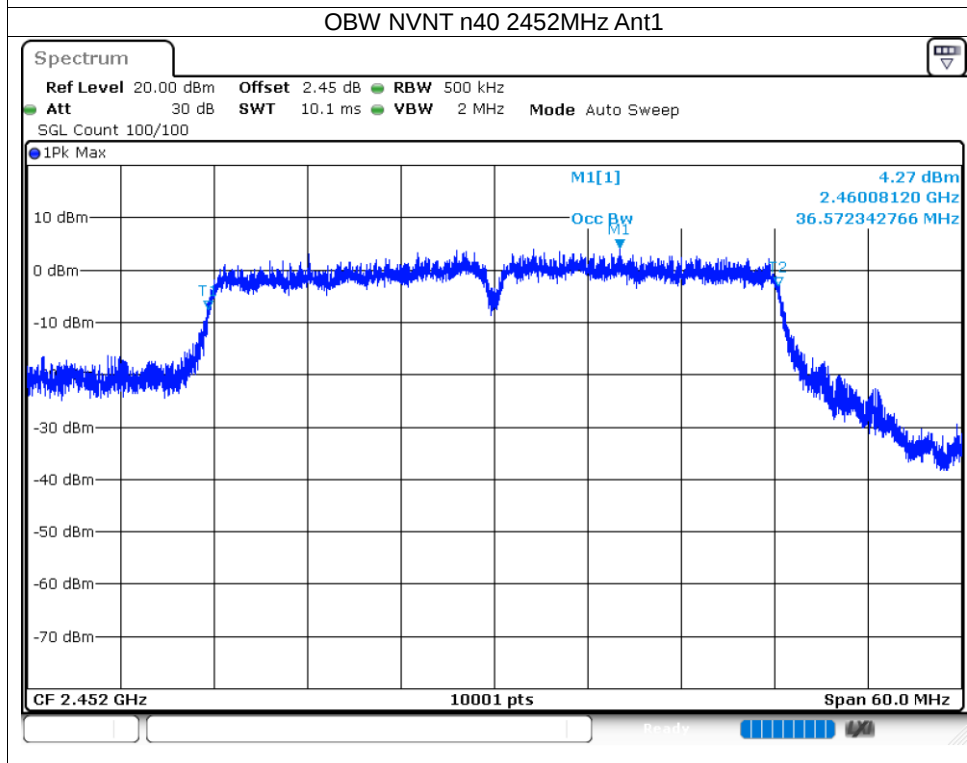
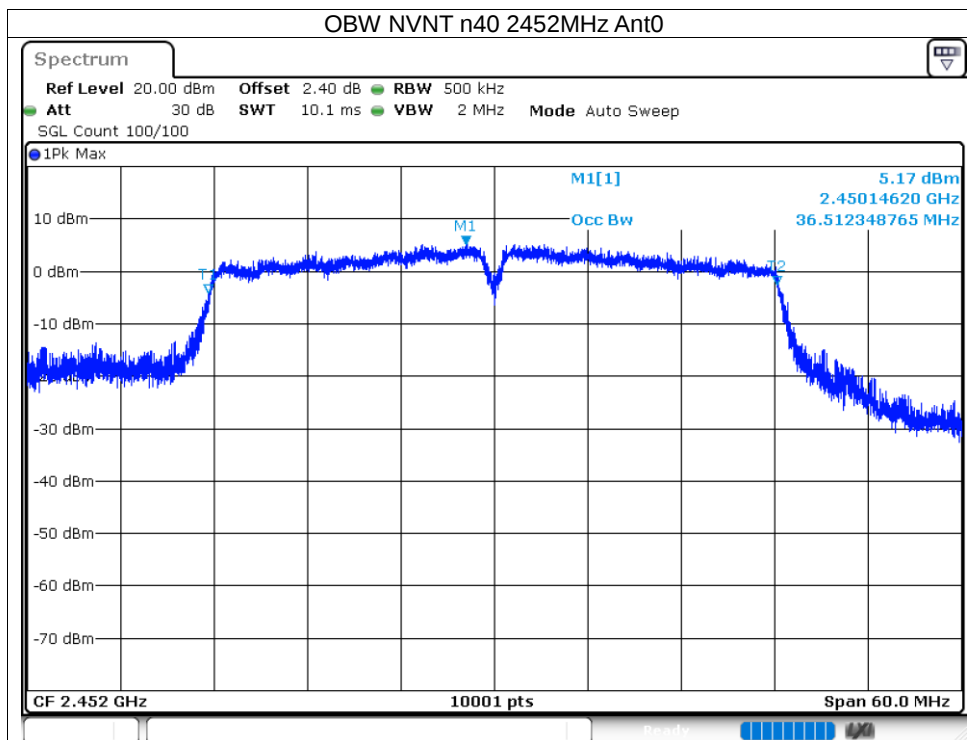












8.2.5 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	ax20	2412	Ant0	3.65	8	Pass
NVNT	ax20	2412	Ant1	1.84	8	Pass
NVNT	ax20	2412	Sum	5.85	8	Pass
NVNT	ax20	2437	Ant0	3.37	8	Pass
NVNT	ax20	2437	Ant1	-0.24	8	Pass
NVNT	ax20	2437	Sum	4.94	8	Pass
NVNT	ax20	2462	Ant0	2.52	8	Pass
NVNT	ax20	2462	Ant1	-0.75	8	Pass
NVNT	ax20	2462	Sum	4.2	8	Pass
NVNT	ax40	2422	Ant0	2.83	8	Pass
NVNT	ax40	2422	Ant1	-1.34	8	Pass
NVNT	ax40	2422	Sum	4.24	8	Pass
NVNT	ax40	2437	Ant0	-0.16	8	Pass
NVNT	ax40	2437	Ant1	-2.55	8	Pass
NVNT	ax40	2437	Sum	1.82	8	Pass
NVNT	ax40	2452	Ant0	-1.64	8	Pass
NVNT	ax40	2452	Ant1	-2.7	8	Pass
NVNT	ax40	2452	Sum	0.87	8	Pass
NVNT	n20	2412	Ant0	-8.92	8	Pass
NVNT	n20	2412	Ant1	-10.81	8	Pass
NVNT	n20	2412	Sum	-6.75	8	Pass
NVNT	n20	2437	Ant0	-9.21	8	Pass
NVNT	n20	2437	Ant1	-12.04	8	Pass
NVNT	n20	2437	Sum	-7.39	8	Pass
NVNT	n20	2462	Ant0	-9.77	8	Pass
NVNT	n20	2462	Ant1	-12.96	8	Pass
NVNT	n20	2462	Sum	-8.07	8	Pass
NVNT	n40	2422	Ant0	-11.28	8	Pass
NVNT	n40	2422	Ant1	-14.5	8	Pass
NVNT	n40	2422	Sum	-9.59	8	Pass
NVNT	n40	2437	Ant0	-13.11	8	Pass
NVNT	n40	2437	Ant1	-15.51	8	Pass
NVNT	n40	2437	Sum	-11.14	8	Pass
NVNT	n40	2452	Ant0	-13.71	8	Pass
NVNT	n40	2452	Ant1	-13.93	8	Pass
NVNT	n40	2452	Sum	-10.81	8	Pass

