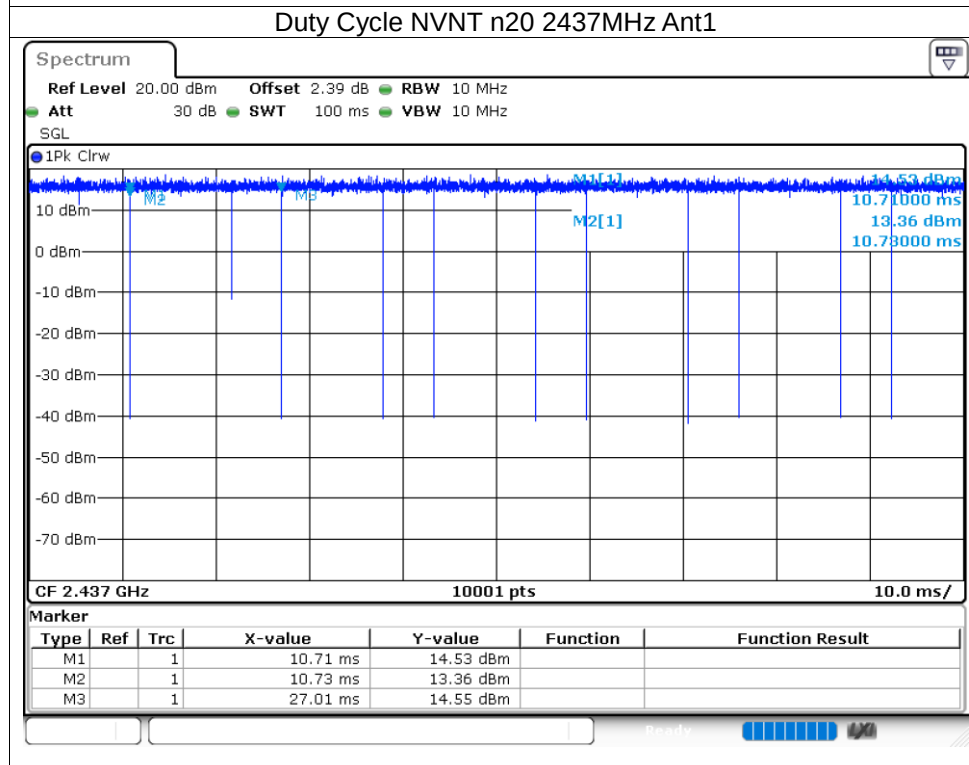
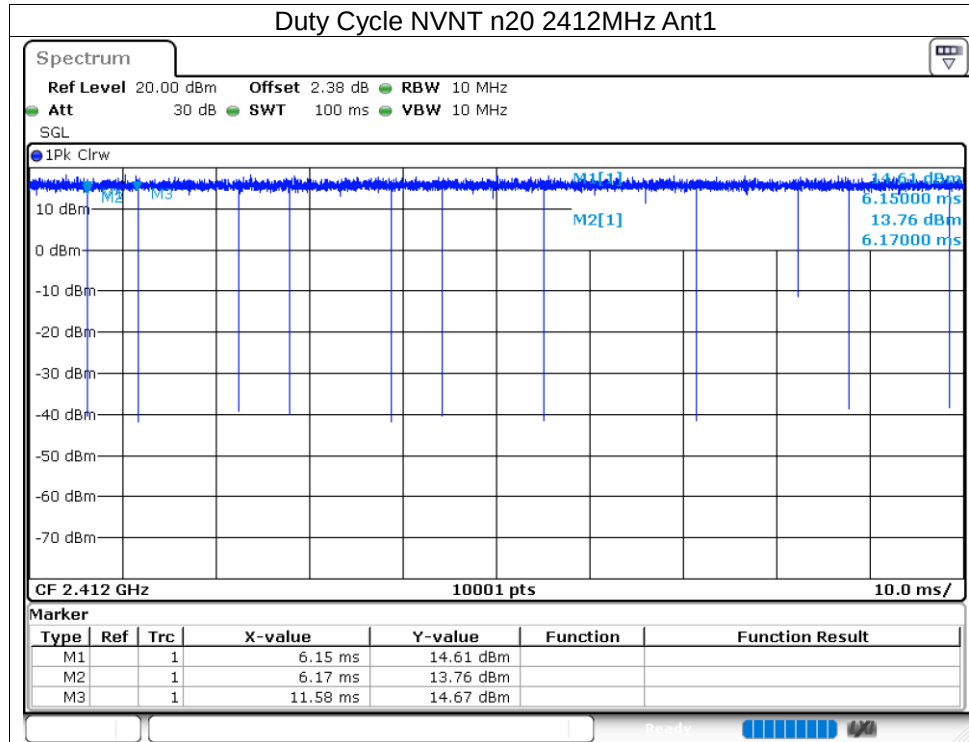
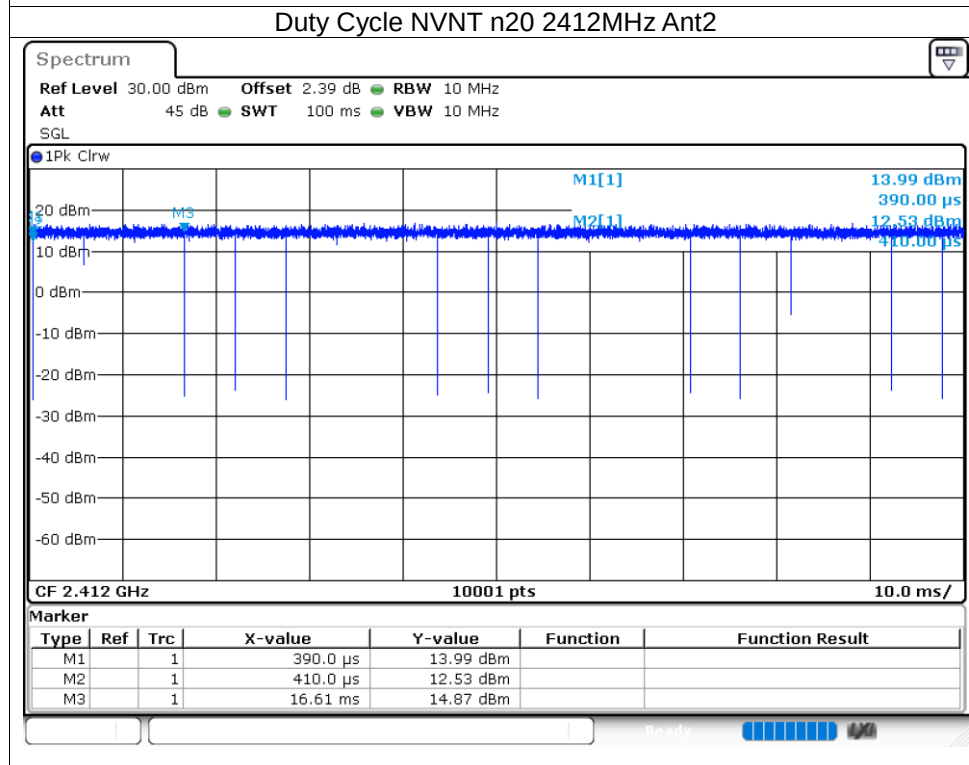
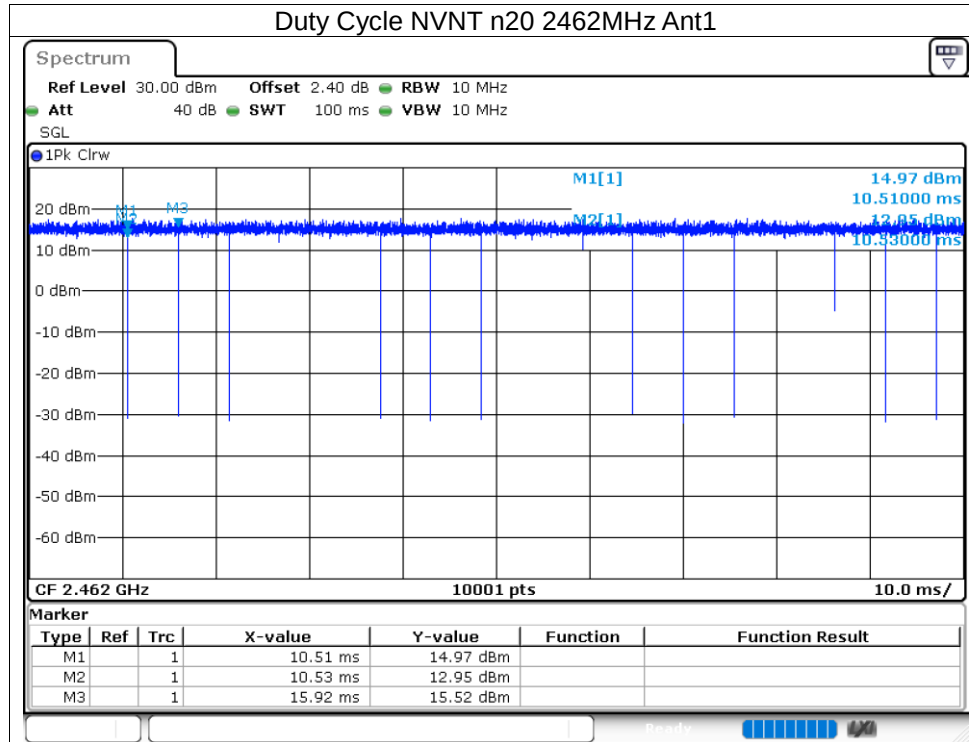


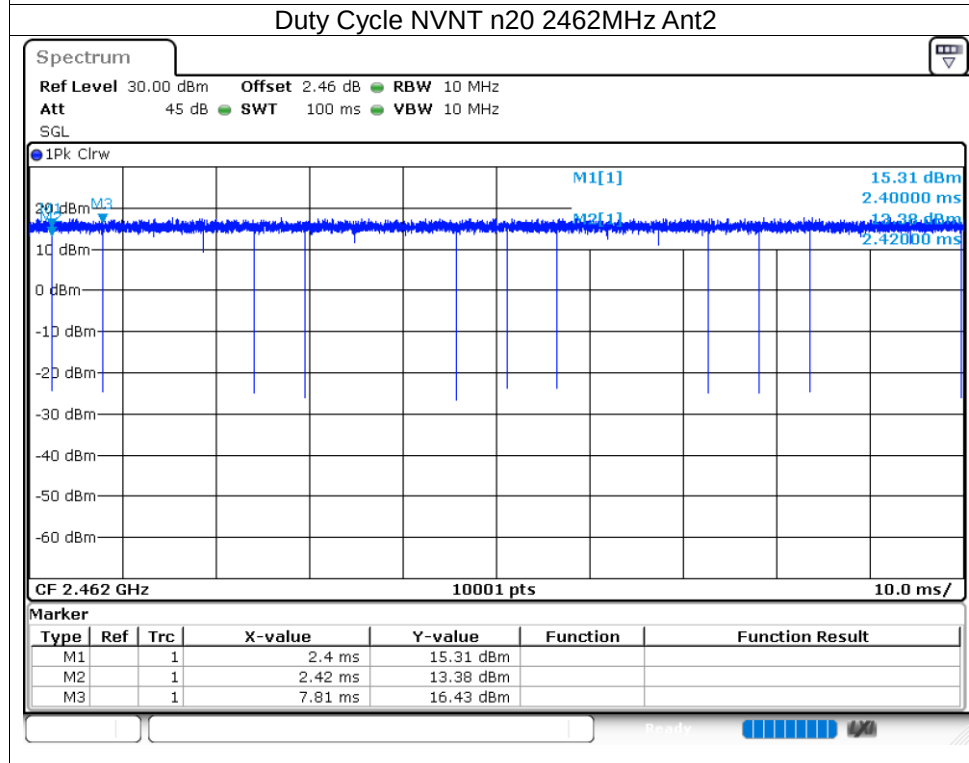
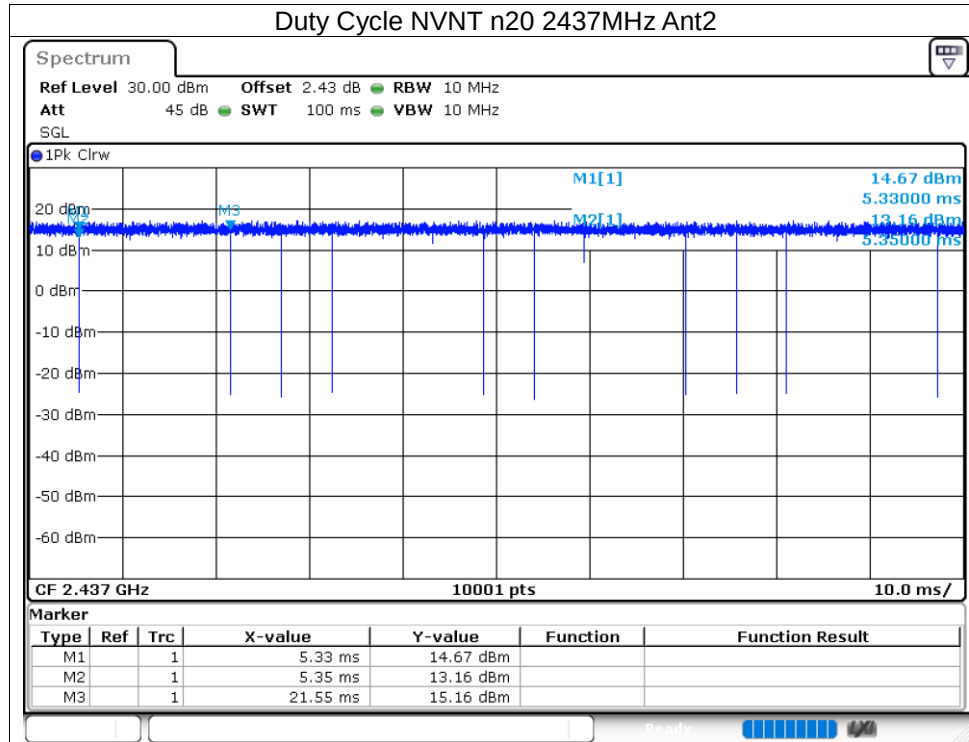
8.2 2.4G WIFI MIMO

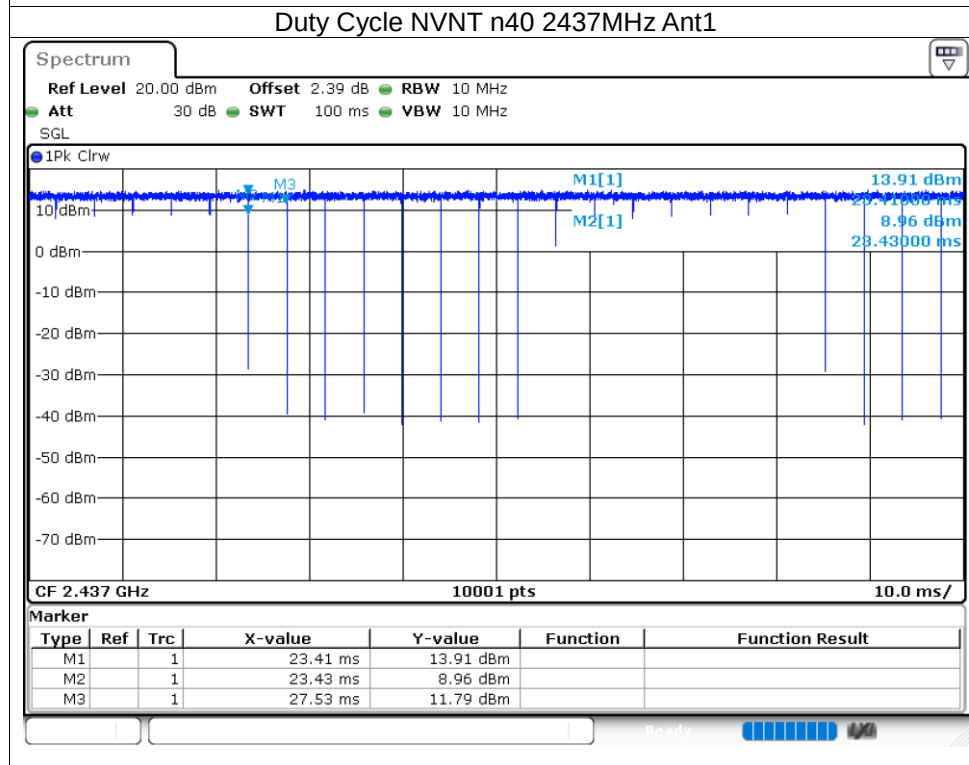
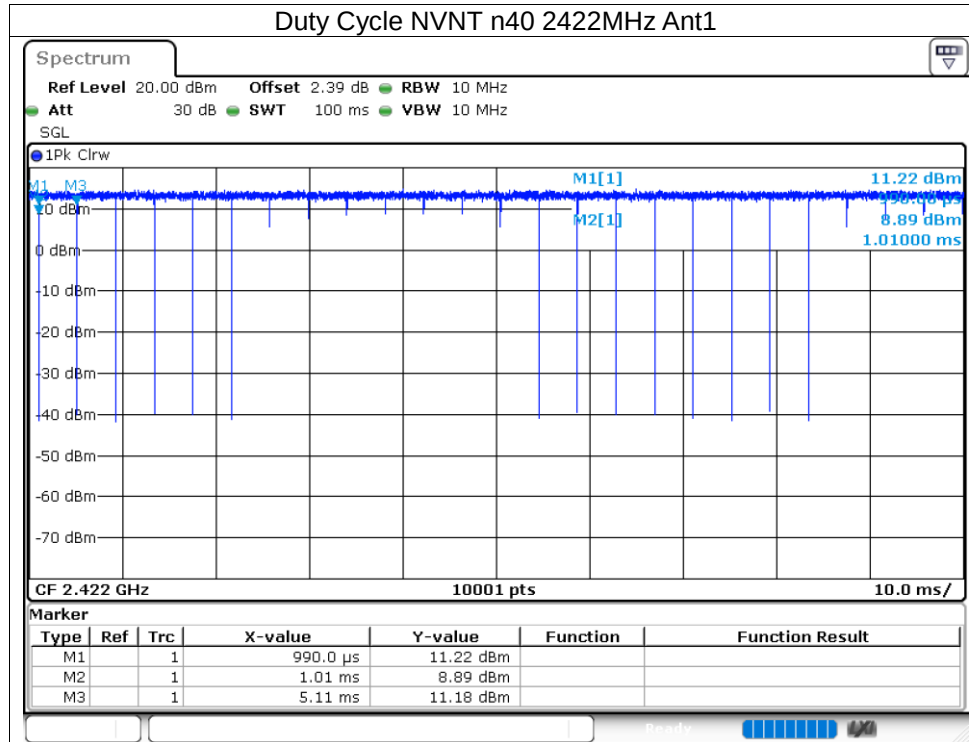
8.2.1 Duty Cycle

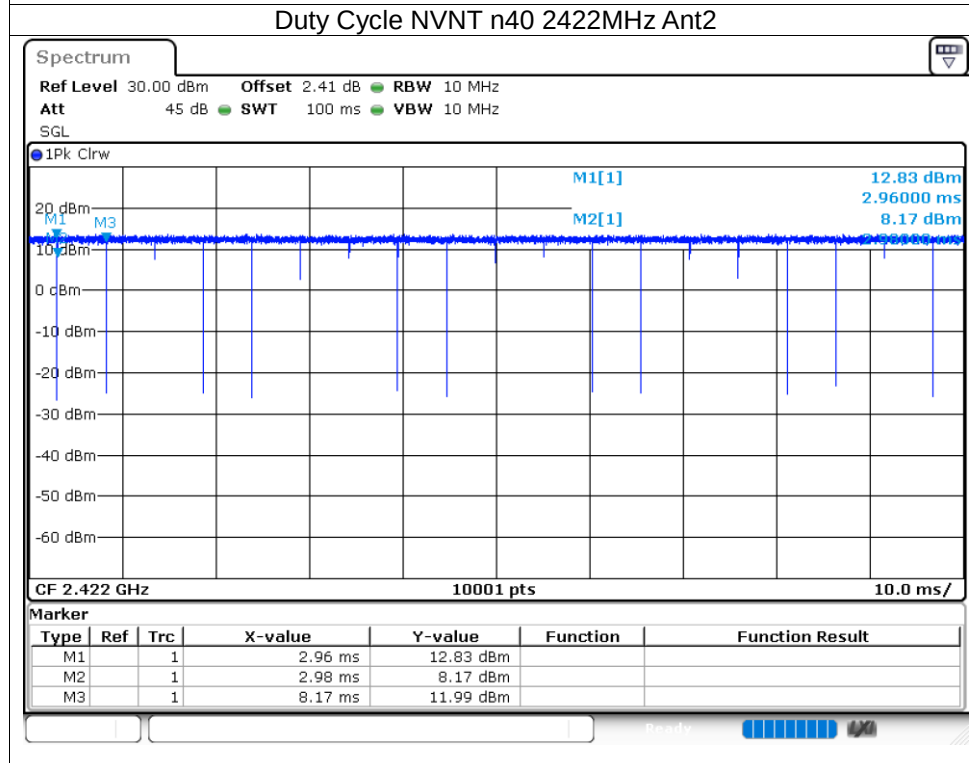
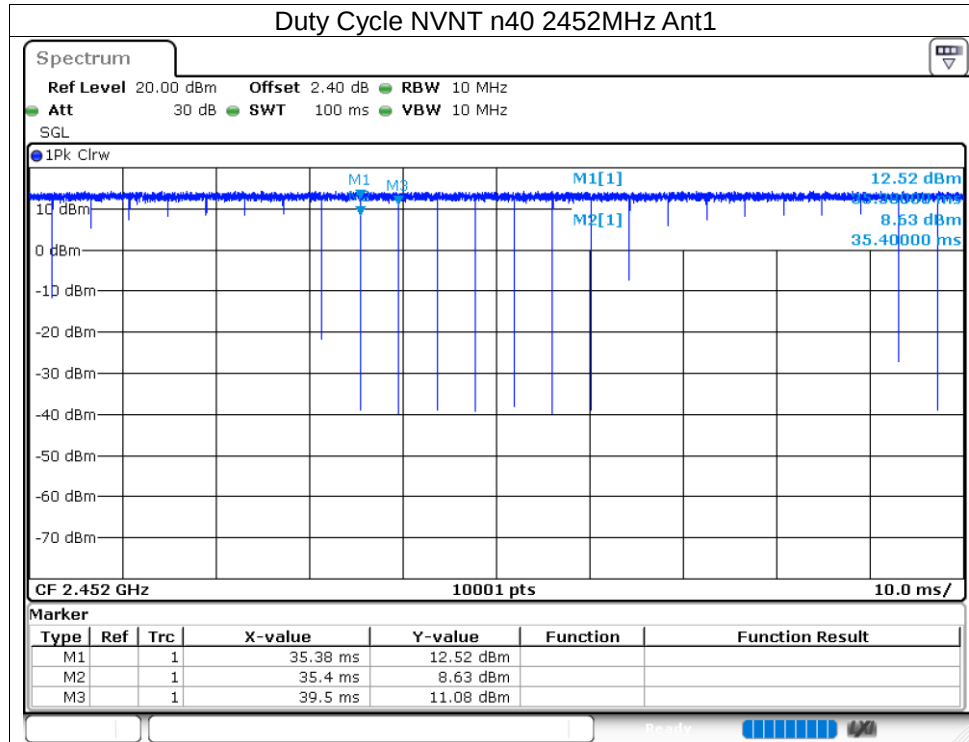
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	n20	2412	Ant1	100	0	0
NVNT	n20	2437	Ant1	100	0	0
NVNT	n20	2462	Ant1	99.9	0	0.19
NVNT	n20	2412	Ant2	99.88	0.01	0.06
NVNT	n20	2437	Ant2	99.9	0	0.06
NVNT	n20	2462	Ant2	99.89	0	0.19
NVNT	n40	2422	Ant1	99.9	0	0.19
NVNT	n40	2437	Ant1	99.91	0	0.06
NVNT	n40	2452	Ant1	99.89	0	0.19
NVNT	n40	2422	Ant2	99.89	0	0.19
NVNT	n40	2437	Ant2	99.9	0	0.19
NVNT	n40	2452	Ant2	99.9	0	0.06
NVNT	ax20	2412	Ant1	99.9	0	0.18
NVNT	ax20	2437	Ant1	99.9	0	0.06
NVNT	ax20	2462	Ant1	99.89	0	0.09
NVNT	ax20	2412	Ant2	99.88	0.01	0.06
NVNT	ax20	2437	Ant2	99.89	0	0.18
NVNT	ax20	2462	Ant2	99.88	0.01	0.18
NVNT	ax40	2422	Ant1	99.86	0.01	0.24
NVNT	ax40	2437	Ant1	99.88	0.01	0.24
NVNT	ax40	2452	Ant1	99.91	0	0.24
NVNT	ax40	2422	Ant2	99.89	0	0.24
NVNT	ax40	2437	Ant2	99.84	0.01	0.24
NVNT	ax40	2452	Ant2	99.86	0.01	0.24

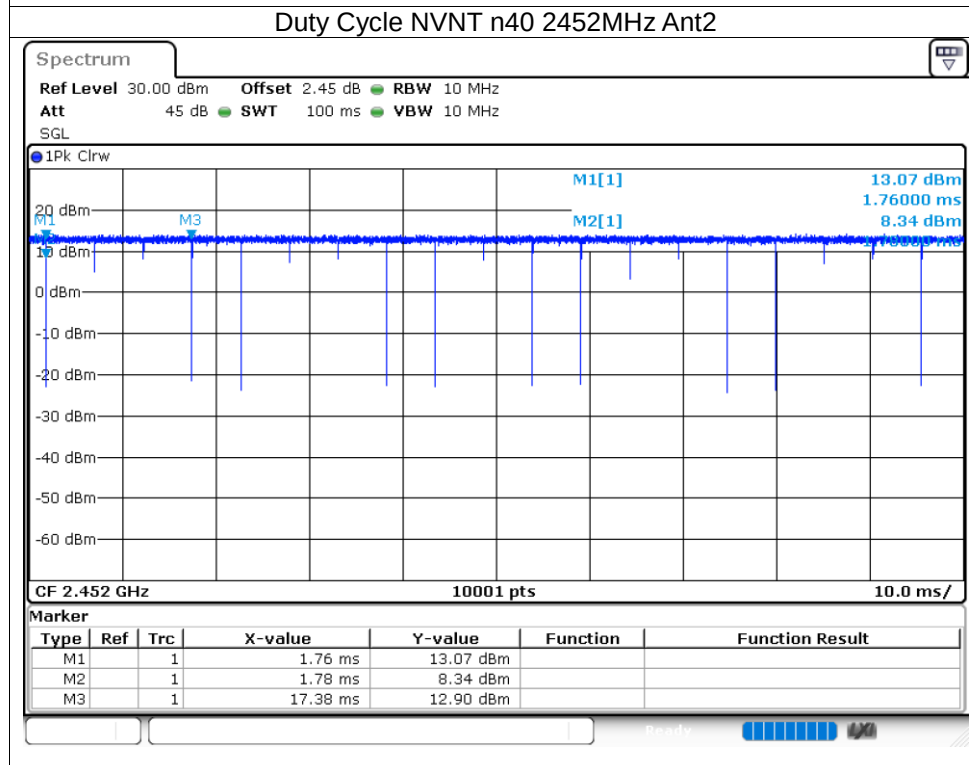
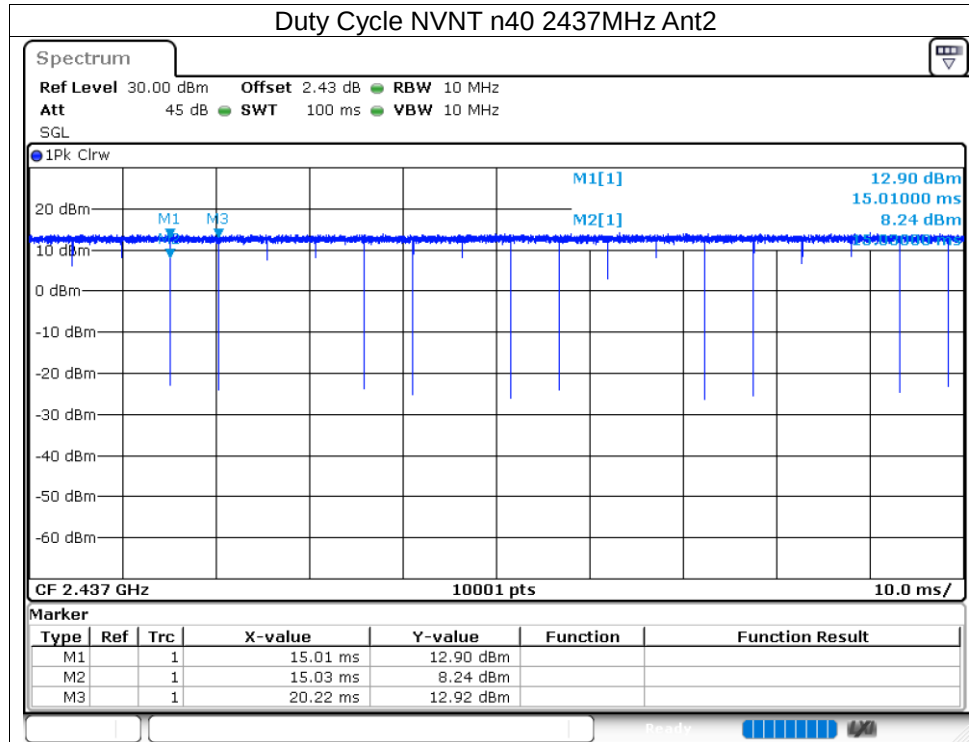


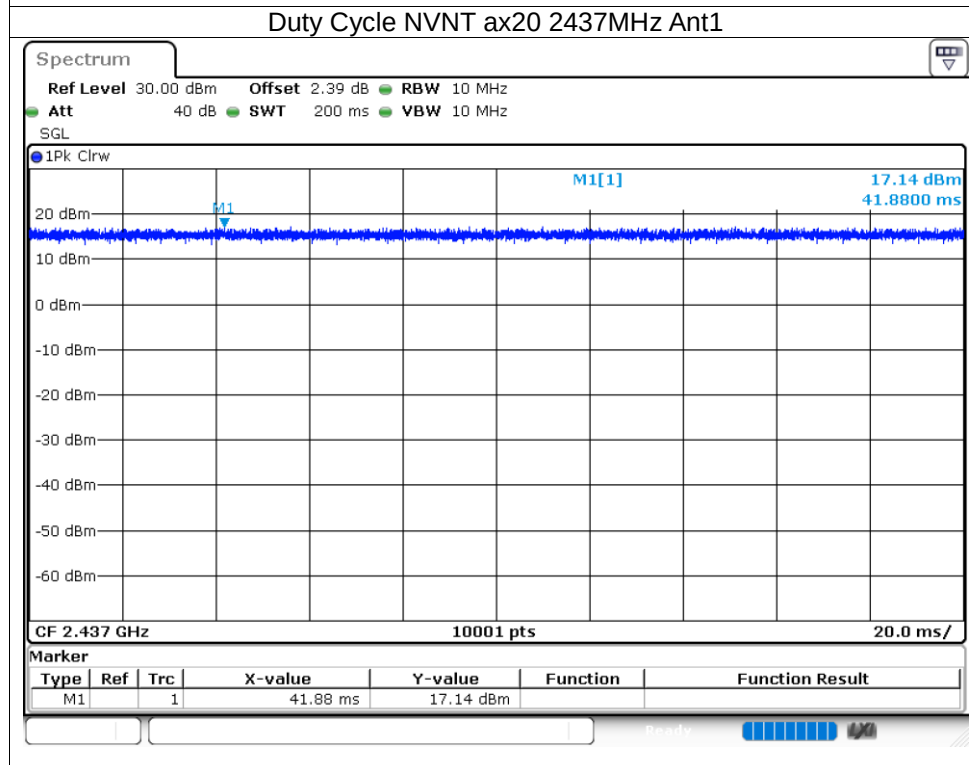
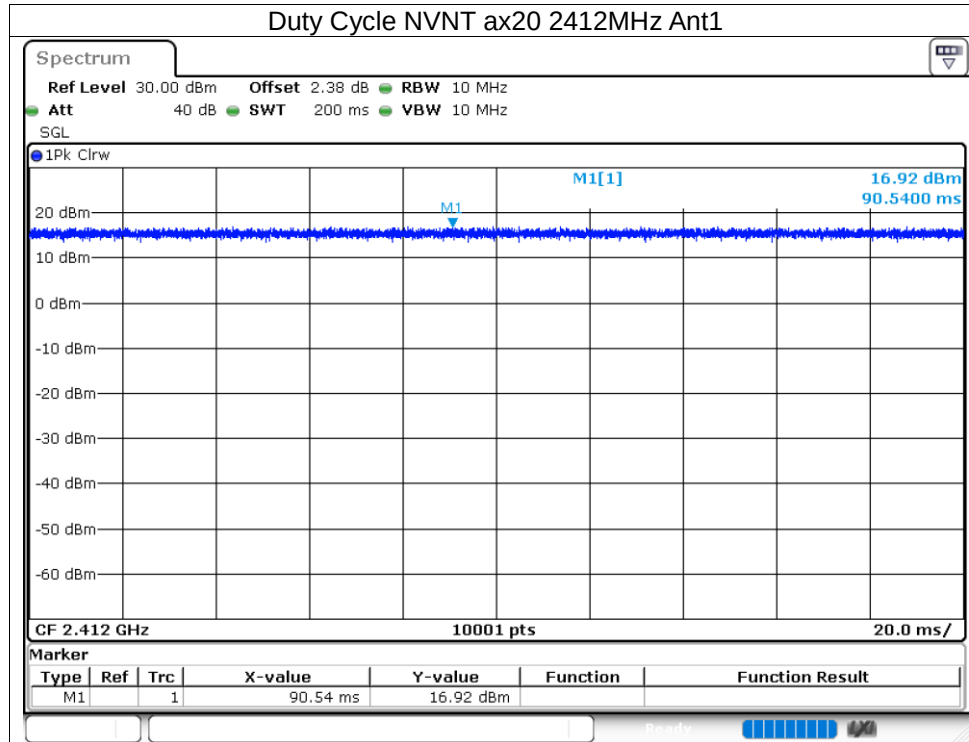


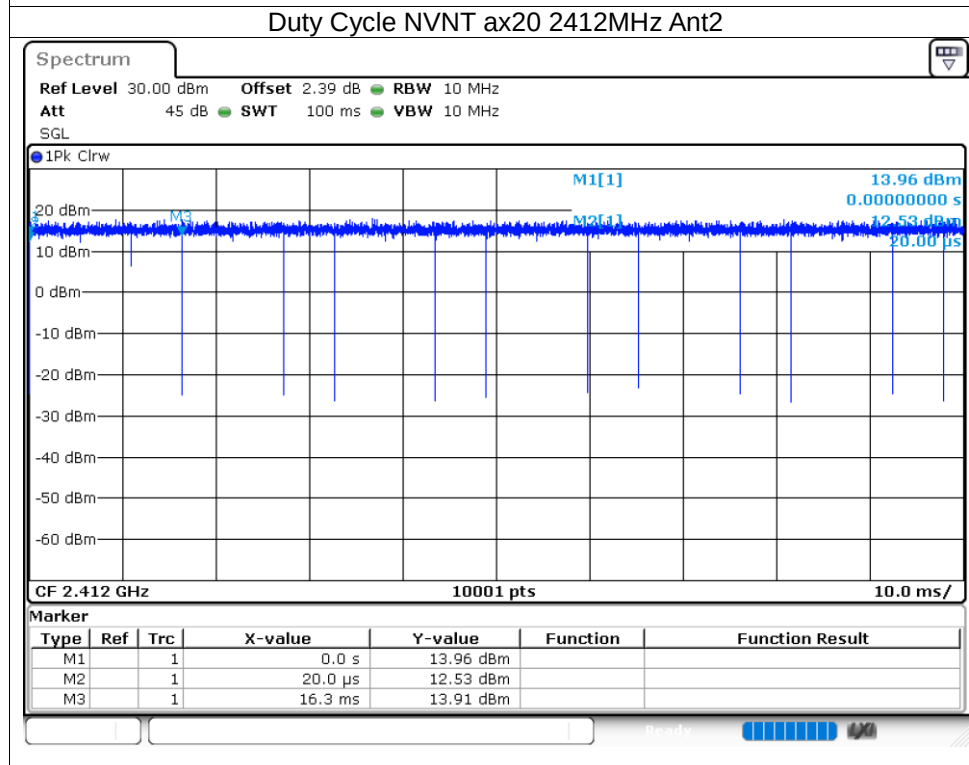
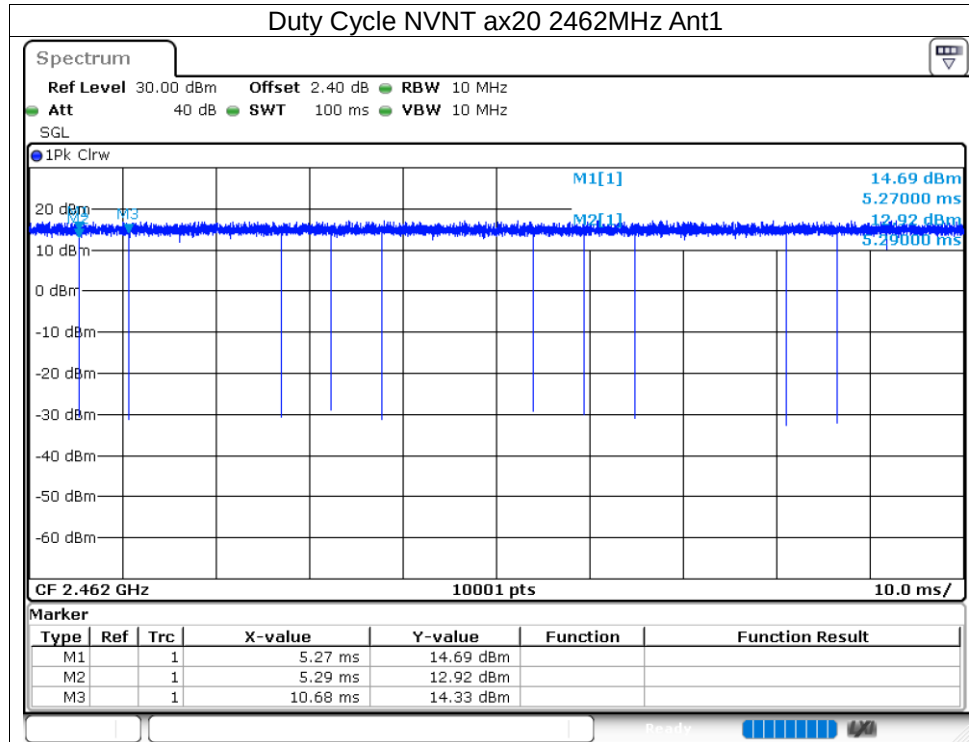


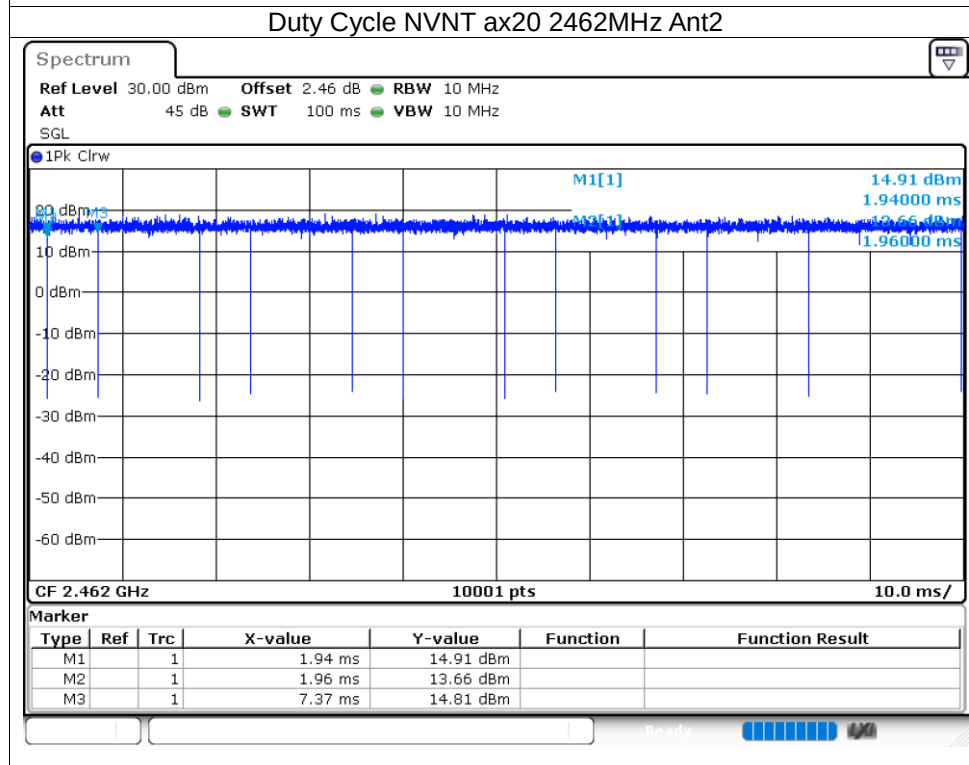
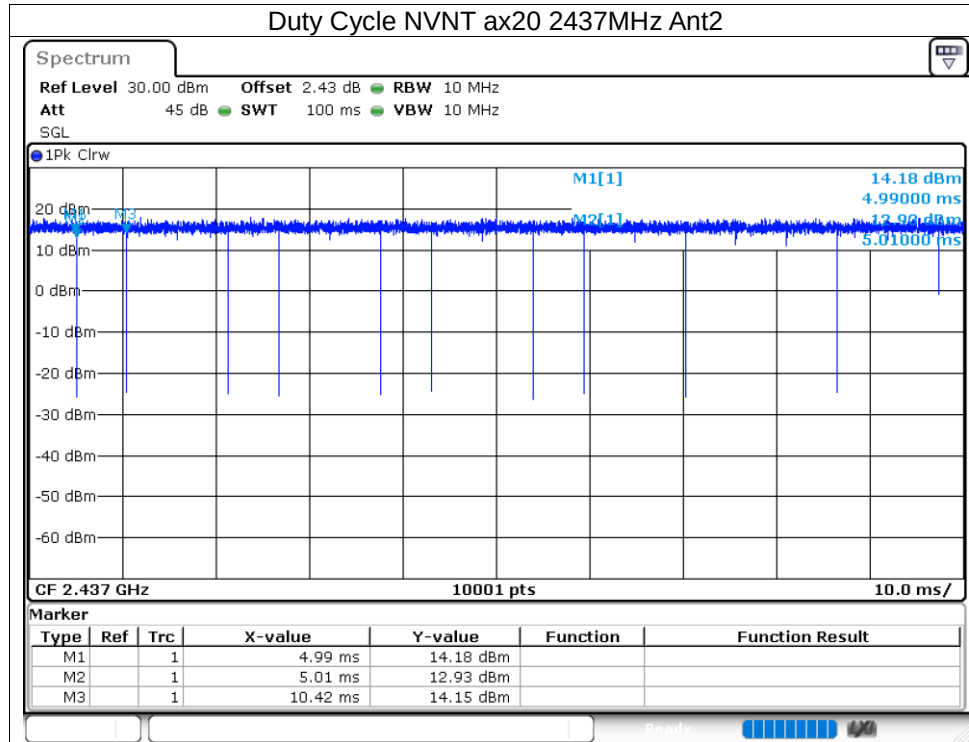


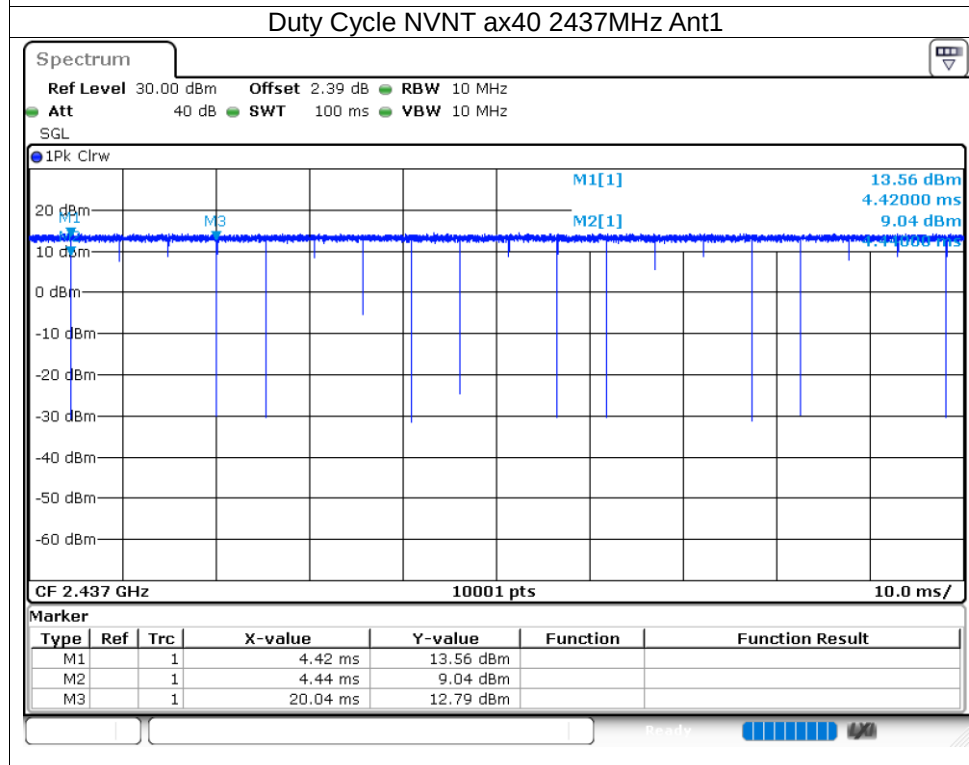
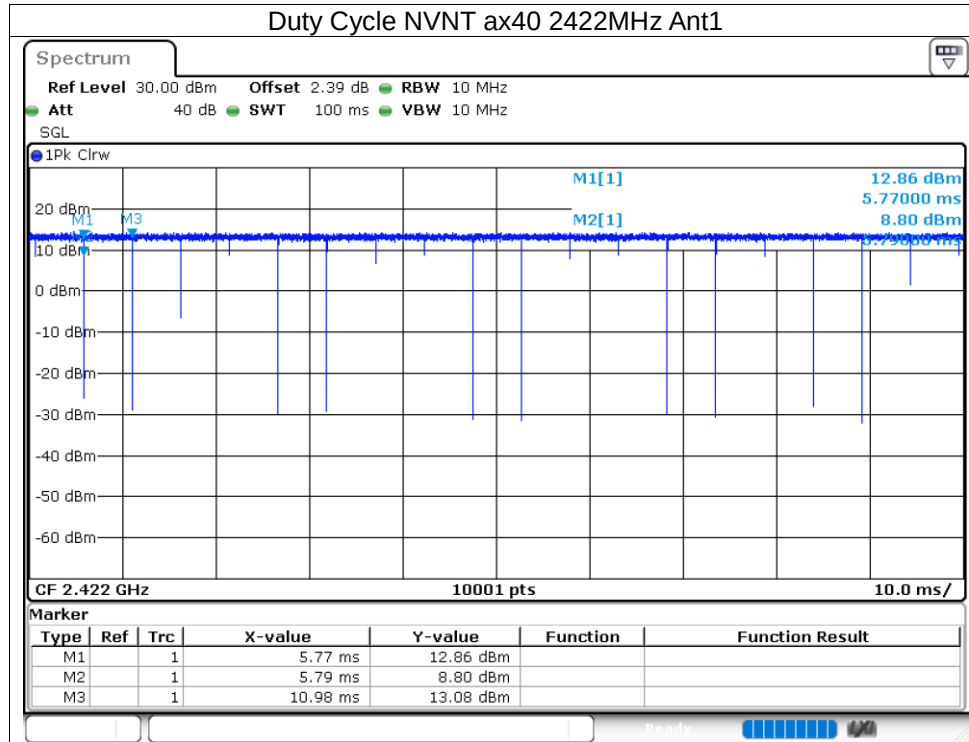


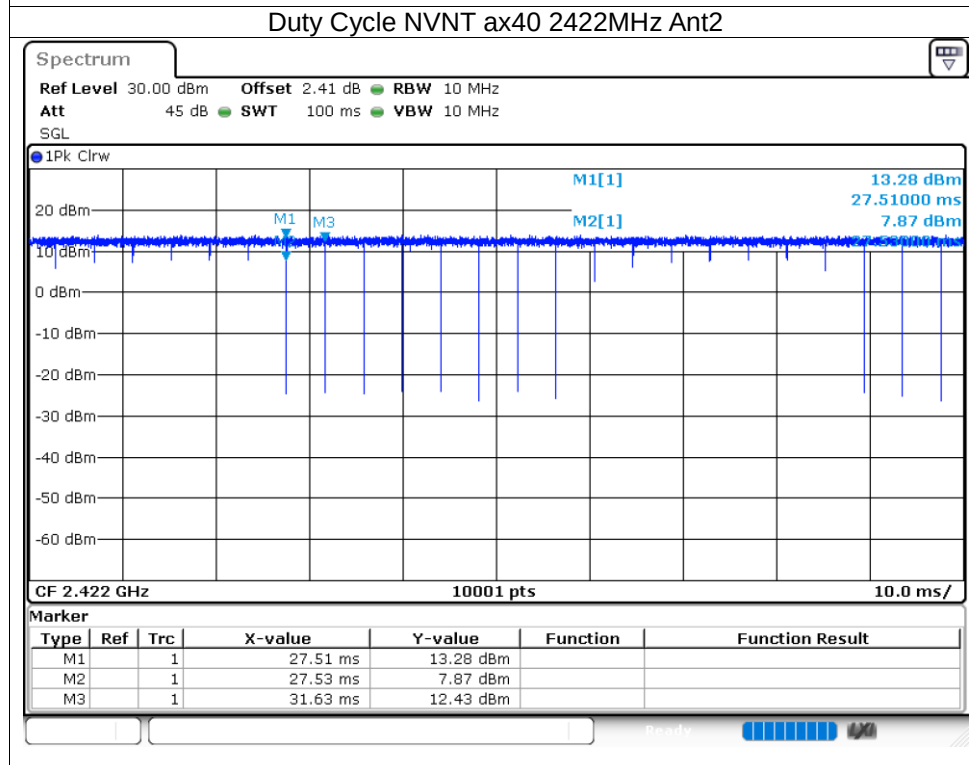
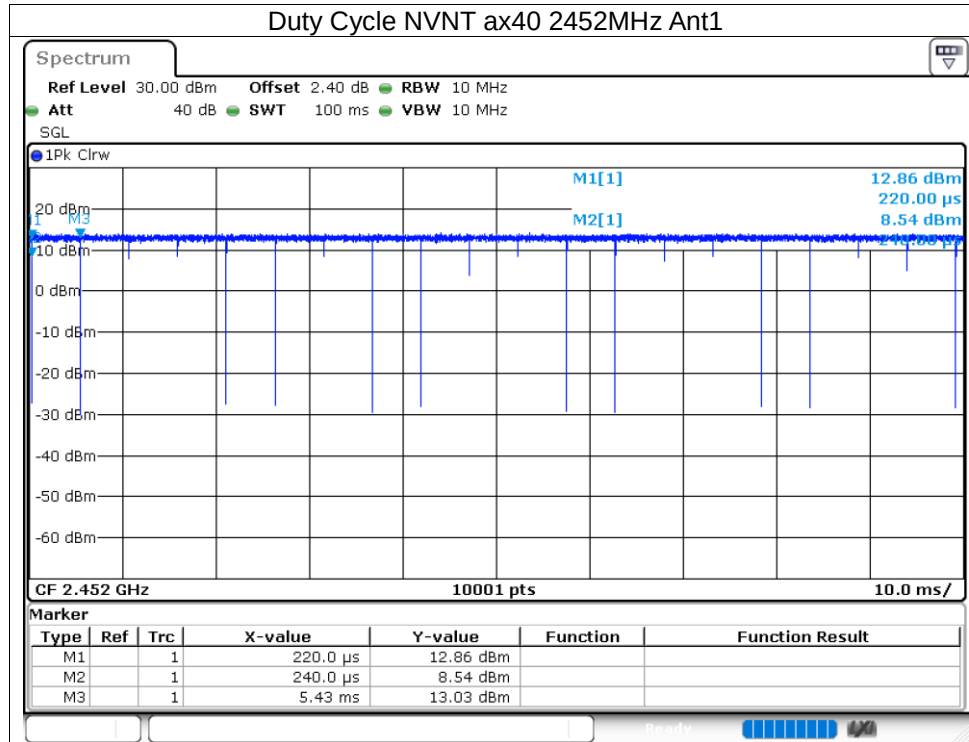


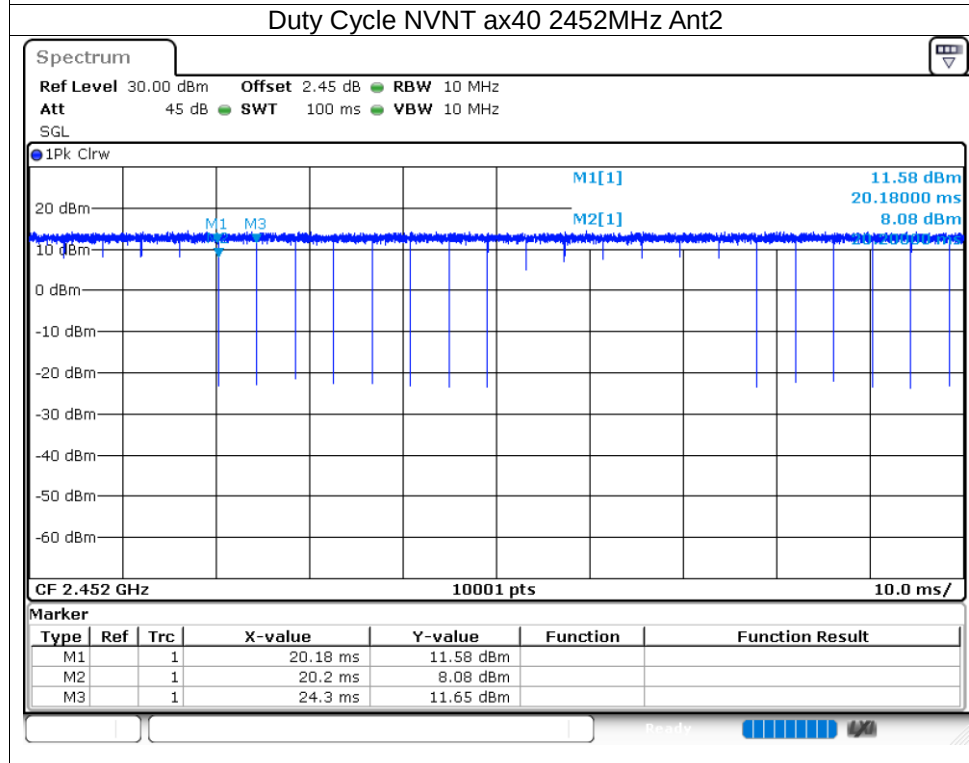
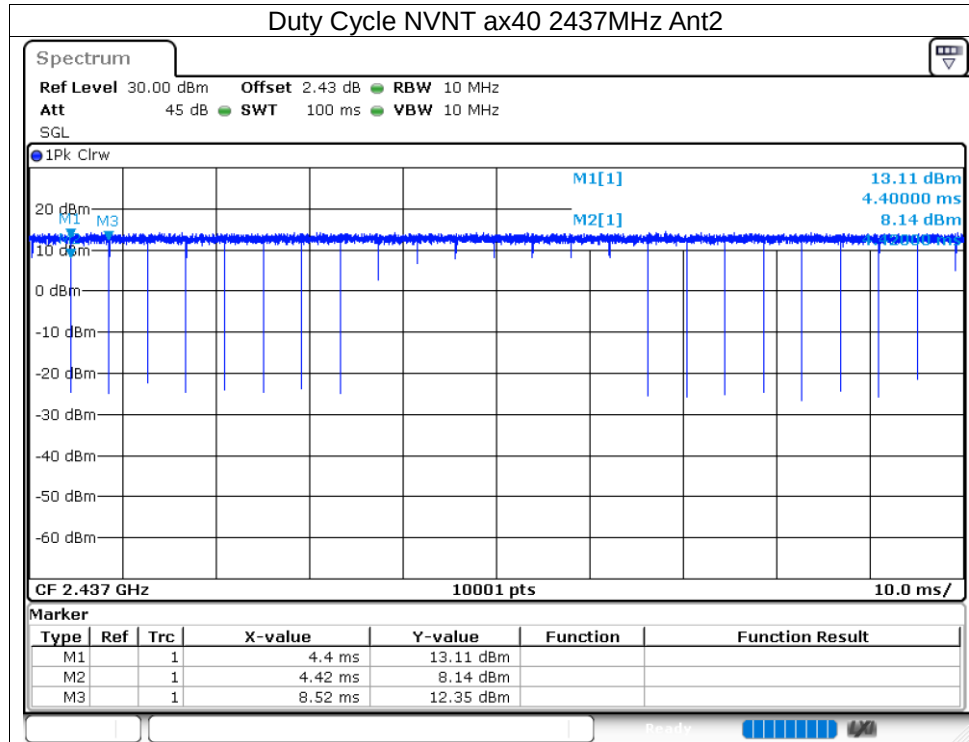










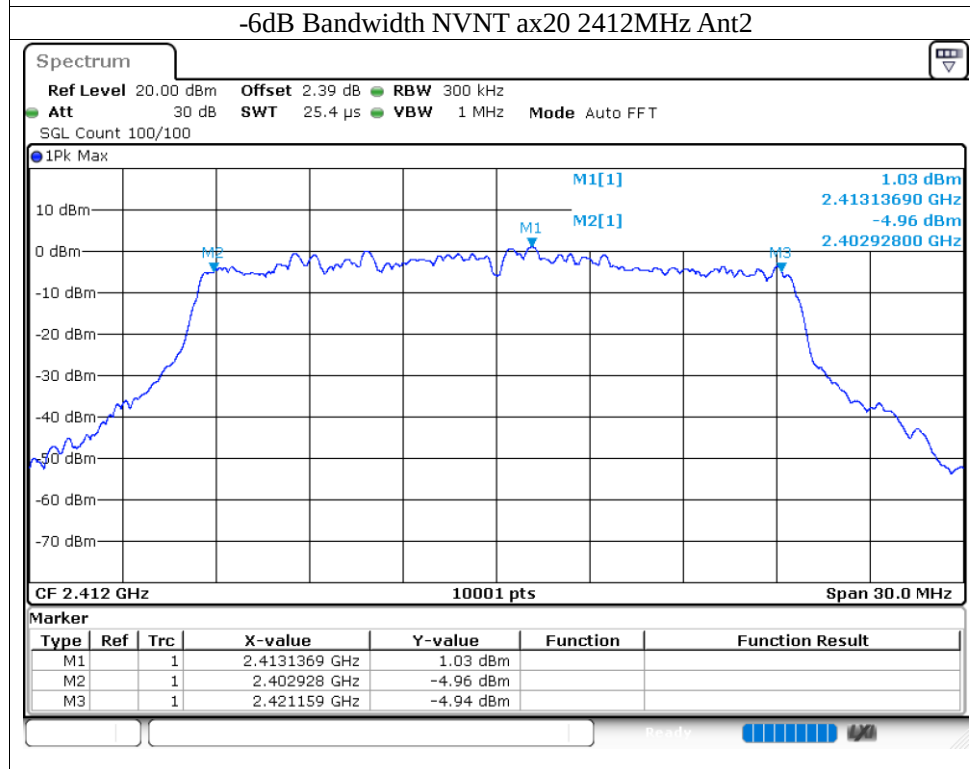
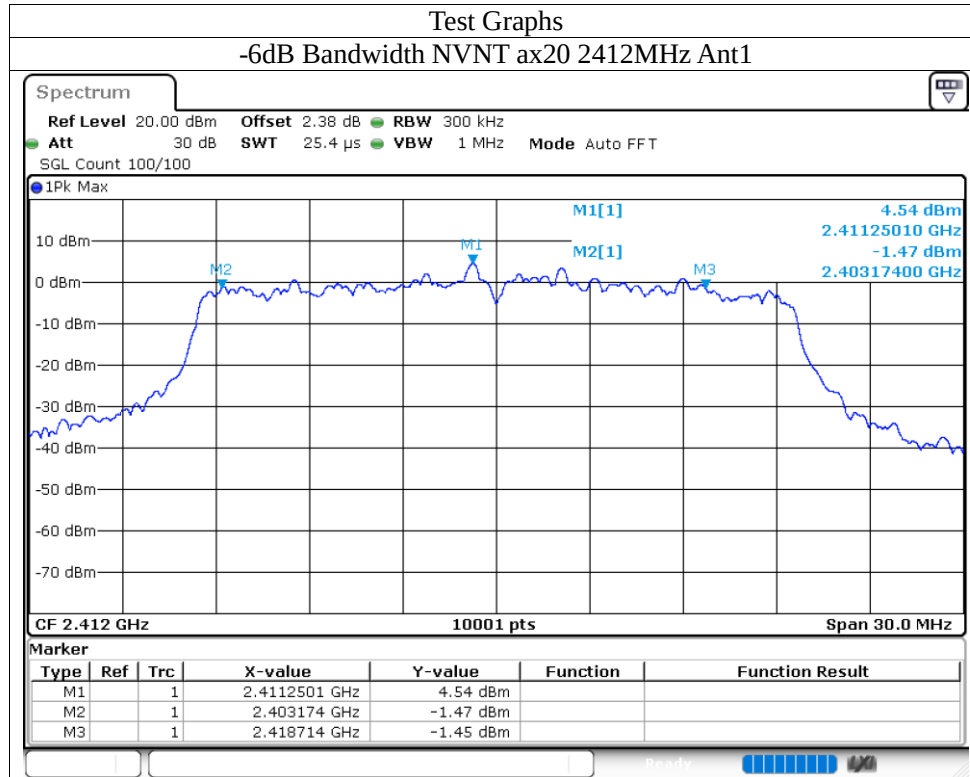


8.2.2 Maximum Conducted Output Power

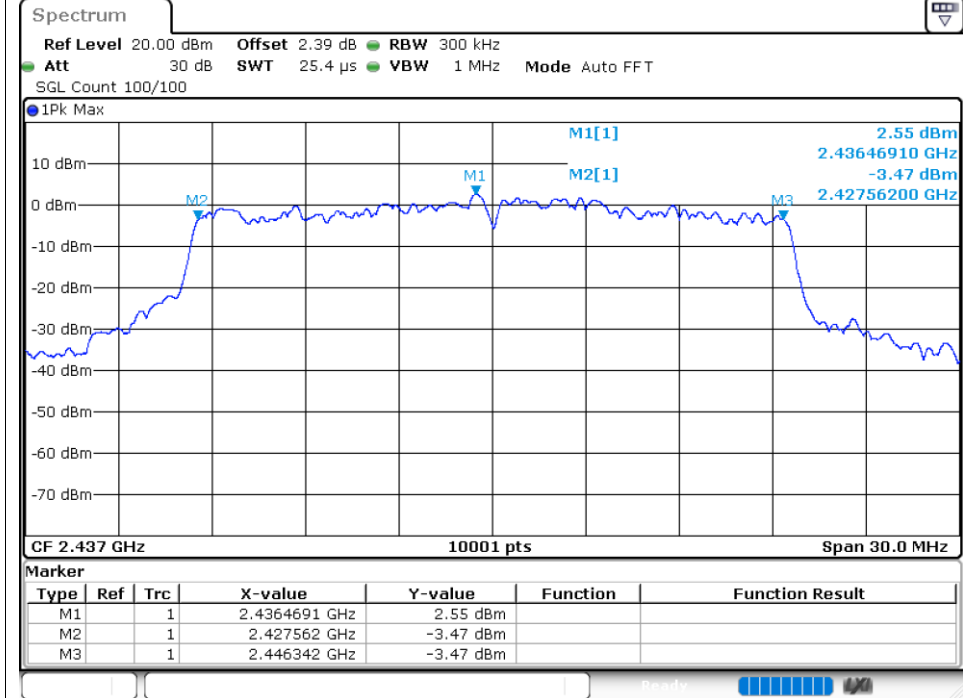
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ax20	2412	Ant1	11.71	30	Pass
NVNT	ax20	2412	Ant2	12.2	30	Pass
NVNT	ax20	2412	Sum	14.97	30	Pass
NVNT	ax20	2437	Ant1	11.46	30	Pass
NVNT	ax20	2437	Ant2	12.42	30	Pass
NVNT	ax20	2437	Sum	14.98	30	Pass
NVNT	ax20	2462	Ant1	11.64	30	Pass
NVNT	ax20	2462	Ant2	12.54	30	Pass
NVNT	ax20	2462	Sum	15.12	30	Pass
NVNT	ax40	2422	Ant1	11.6	30	Pass
NVNT	ax40	2422	Ant2	11.97	30	Pass
NVNT	ax40	2422	Sum	14.8	30	Pass
NVNT	ax40	2437	Ant1	11.45	30	Pass
NVNT	ax40	2437	Ant2	12.14	30	Pass
NVNT	ax40	2437	Sum	14.82	30	Pass
NVNT	ax40	2452	Ant1	11.36	30	Pass
NVNT	ax40	2452	Ant2	12.28	30	Pass
NVNT	ax40	2452	Sum	14.85	30	Pass
NVNT	n20	2412	Ant1	11.41	30	Pass
NVNT	n20	2412	Ant2	12.13	30	Pass
NVNT	n20	2412	Sum	14.8	30	Pass
NVNT	n20	2437	Ant1	11.04	30	Pass
NVNT	n20	2437	Ant2	12.14	30	Pass
NVNT	n20	2437	Sum	14.64	30	Pass
NVNT	n20	2462	Ant1	11.14	30	Pass
NVNT	n20	2462	Ant2	12.34	30	Pass
NVNT	n20	2462	Sum	14.79	30	Pass
NVNT	n40	2422	Ant1	11.94	30	Pass
NVNT	n40	2422	Ant2	12.25	30	Pass
NVNT	n40	2422	Sum	15.11	30	Pass
NVNT	n40	2437	Ant1	11.67	30	Pass
NVNT	n40	2437	Ant2	12.47	30	Pass
NVNT	n40	2437	Sum	15.1	30	Pass
NVNT	n40	2452	Ant1	11.82	30	Pass
NVNT	n40	2452	Ant2	12.65	30	Pass
NVNT	n40	2452	Sum	15.27	30	Pass

8.2.3 -6dB Bandwidth

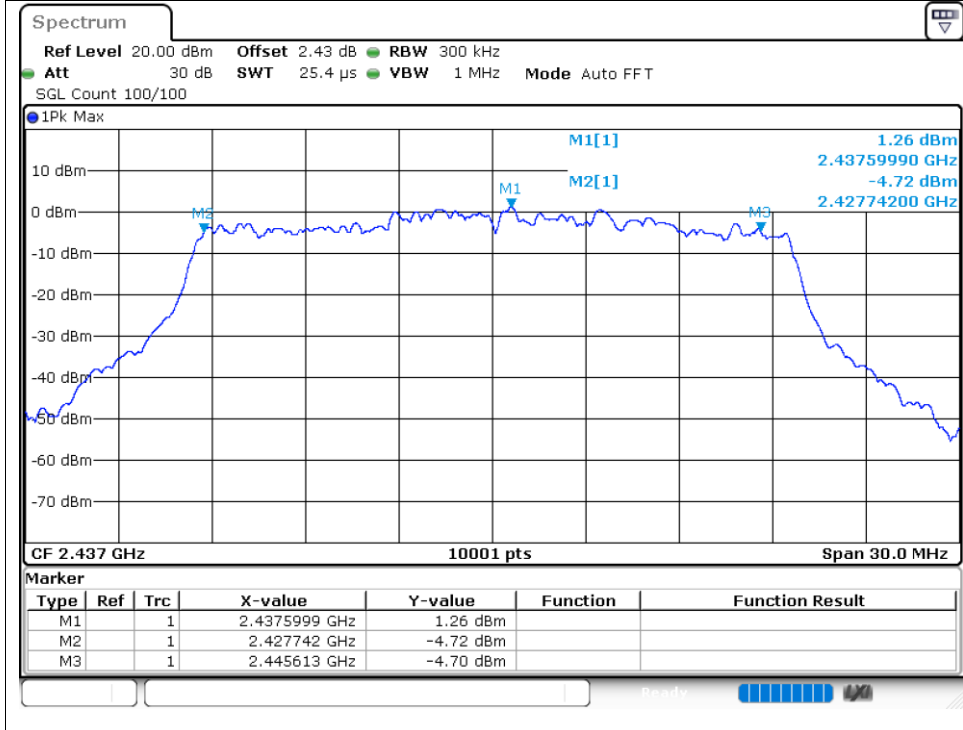
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	ax20	2412	Ant1	15.54	0.5	Pass
NVNT	ax20	2412	Ant2	18.231	0.5	Pass
NVNT	ax20	2437	Ant1	18.78	0.5	Pass
NVNT	ax20	2437	Ant2	17.871	0.5	Pass
NVNT	ax20	2462	Ant1	18.609	0.5	Pass
NVNT	ax20	2462	Ant2	18.933	0.5	Pass
NVNT	ax40	2422	Ant1	37.338	0.5	Pass
NVNT	ax40	2422	Ant2	36.342	0.5	Pass
NVNT	ax40	2437	Ant1	35.754	0.5	Pass
NVNT	ax40	2437	Ant2	34.872	0.5	Pass
NVNT	ax40	2452	Ant1	35.856	0.5	Pass
NVNT	ax40	2452	Ant2	36.816	0.5	Pass
NVNT	n20	2412	Ant1	16.77	0.5	Pass
NVNT	n20	2412	Ant2	16.8	0.5	Pass
NVNT	n20	2437	Ant1	17.19	0.5	Pass
NVNT	n20	2437	Ant2	17.466	0.5	Pass
NVNT	n20	2462	Ant1	17.328	0.5	Pass
NVNT	n20	2462	Ant2	17.364	0.5	Pass
NVNT	n40	2422	Ant1	35.718	0.5	Pass
NVNT	n40	2422	Ant2	35.298	0.5	Pass
NVNT	n40	2437	Ant1	34.08	0.5	Pass
NVNT	n40	2437	Ant2	35.22	0.5	Pass
NVNT	n40	2452	Ant1	35.232	0.5	Pass
NVNT	n40	2452	Ant2	35.742	0.5	Pass



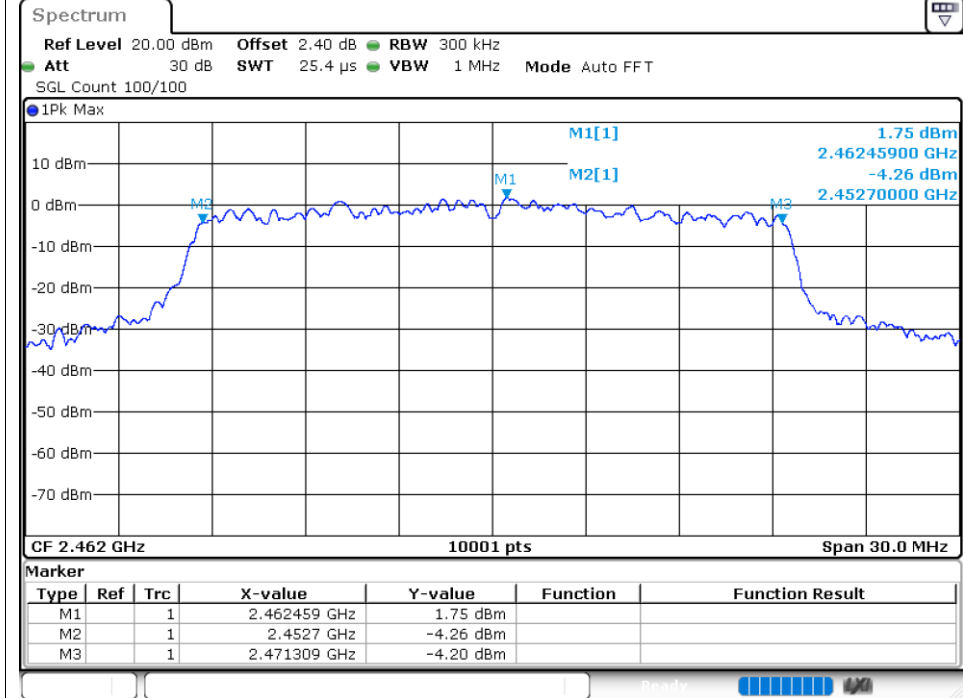
-6dB Bandwidth NVNT ax20 2437MHz Ant1



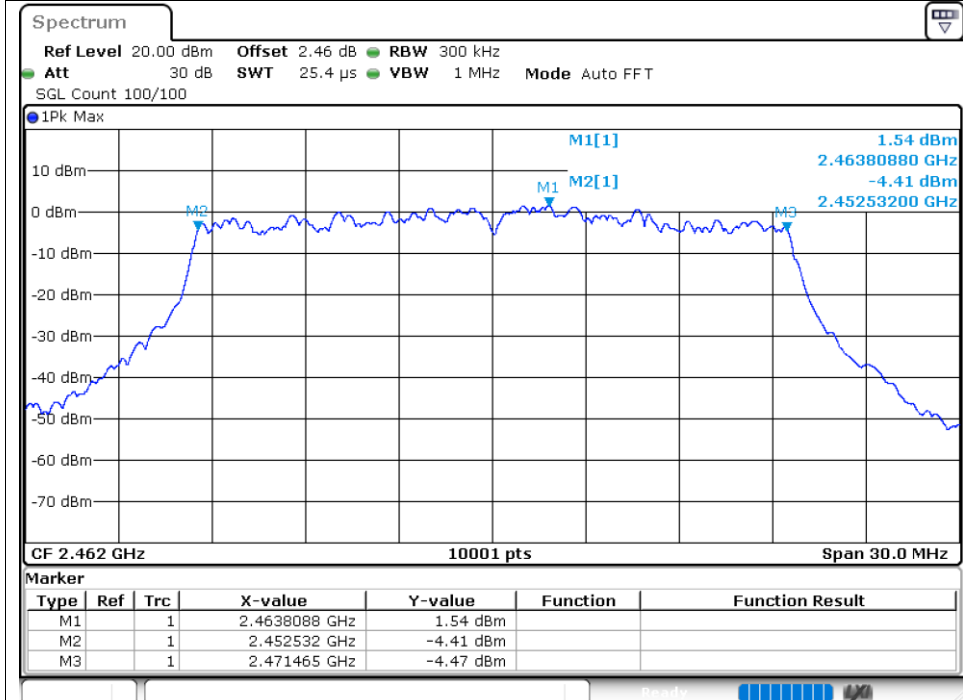
-6dB Bandwidth NVNT ax20 2437MHz Ant2



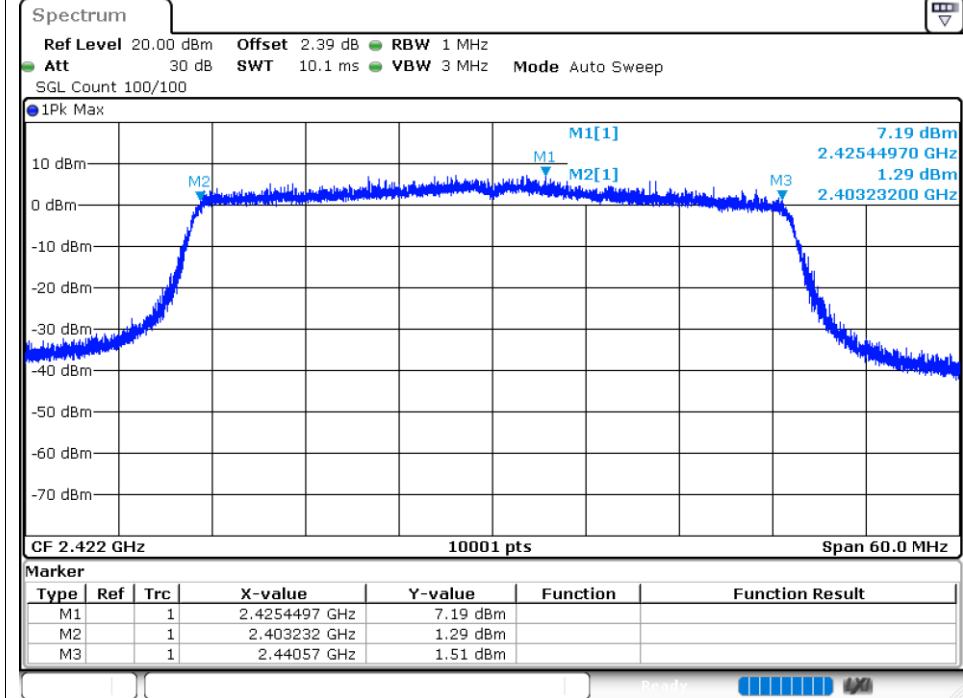
-6dB Bandwidth NVNT ax20 2462MHz Ant1



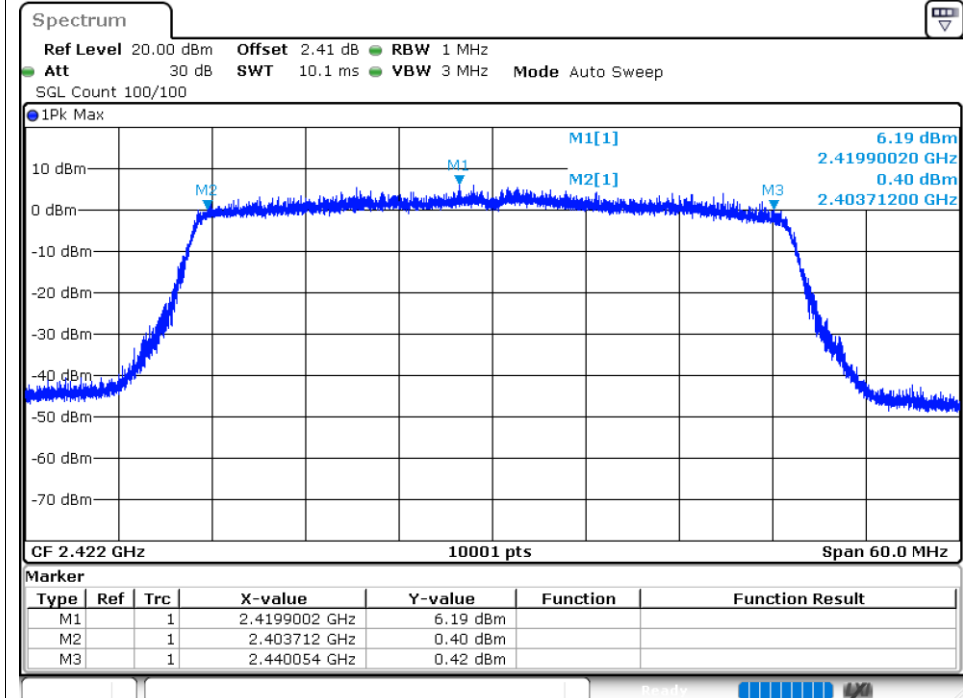
-6dB Bandwidth NVNT ax20 2462MHz Ant2



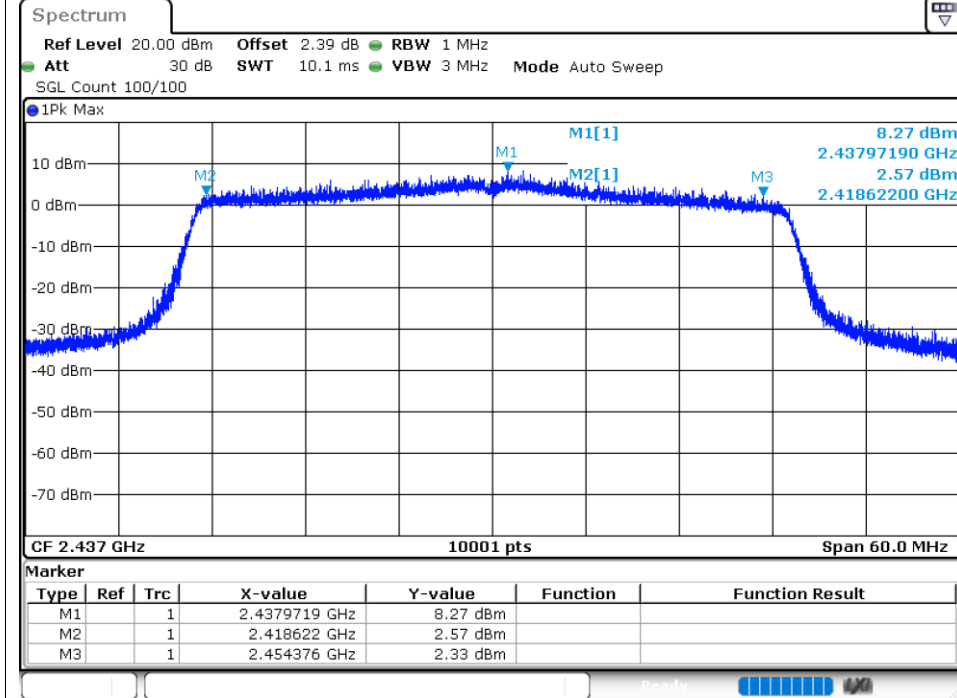
-6dB Bandwidth NVNT ax40 2422MHz Ant1



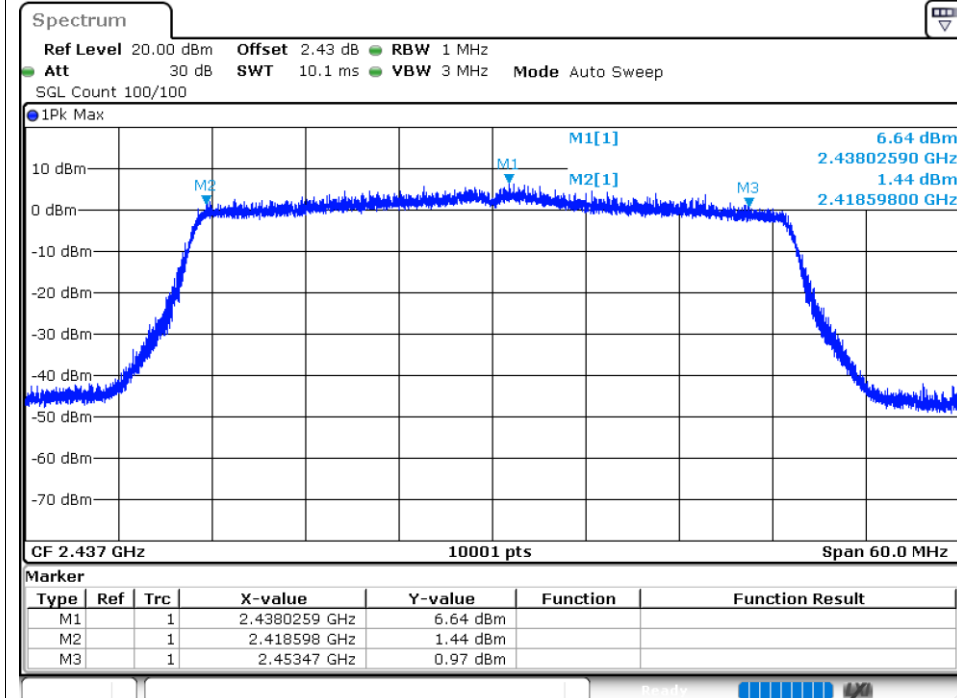
-6dB Bandwidth NVNT ax40 2422MHz Ant2



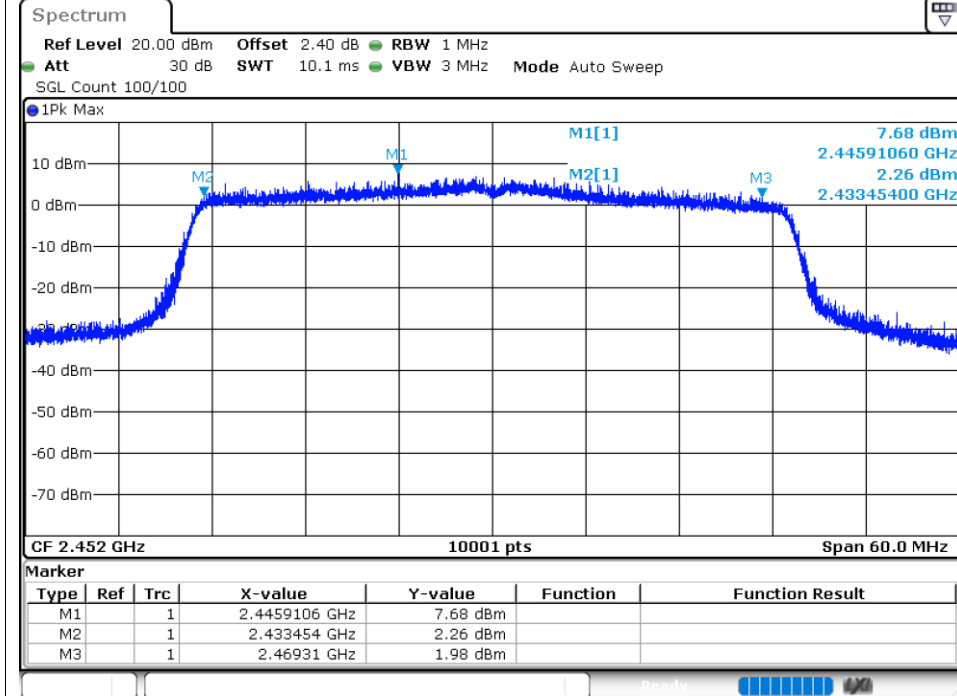
-6dB Bandwidth NVNT ax40 2437MHz Ant1



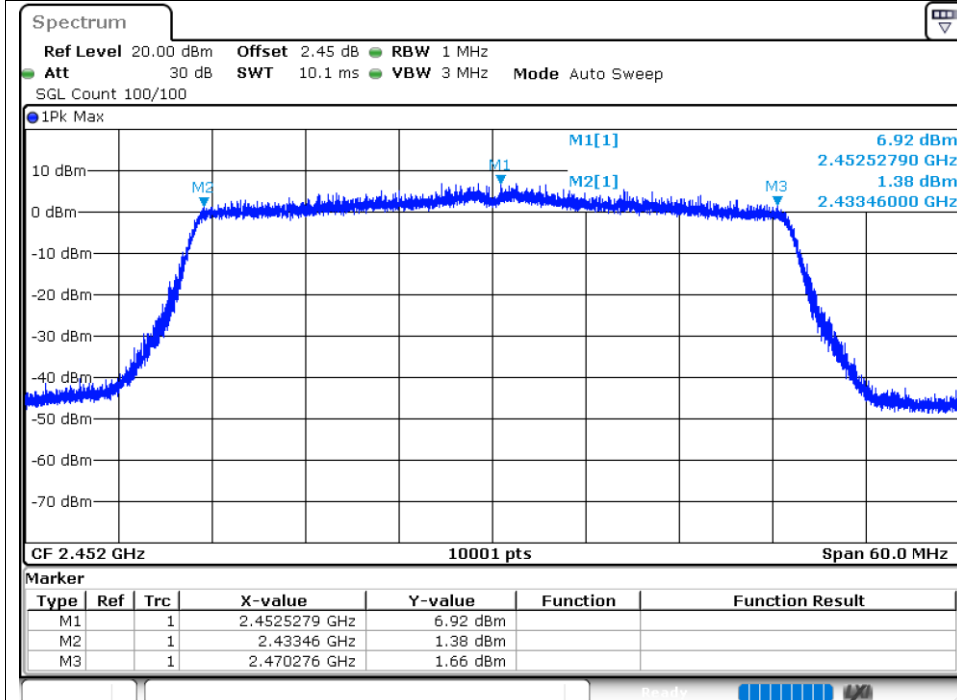
-6dB Bandwidth NVNT ax40 2437MHz Ant2



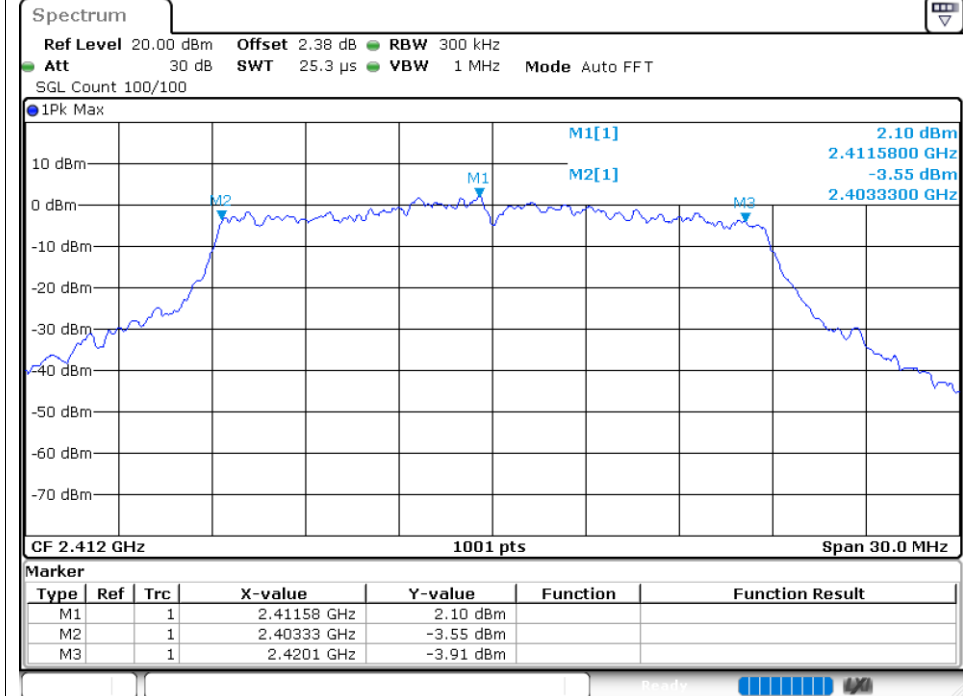
-6dB Bandwidth NVNT ax40 2452MHz Ant1



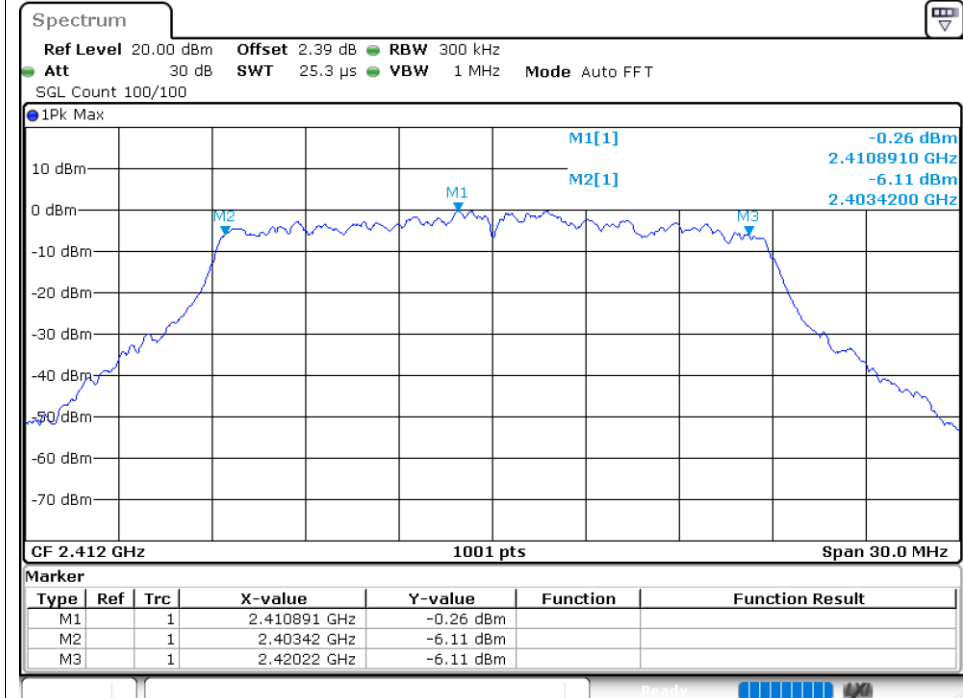
-6dB Bandwidth NVNT ax40 2452MHz Ant2



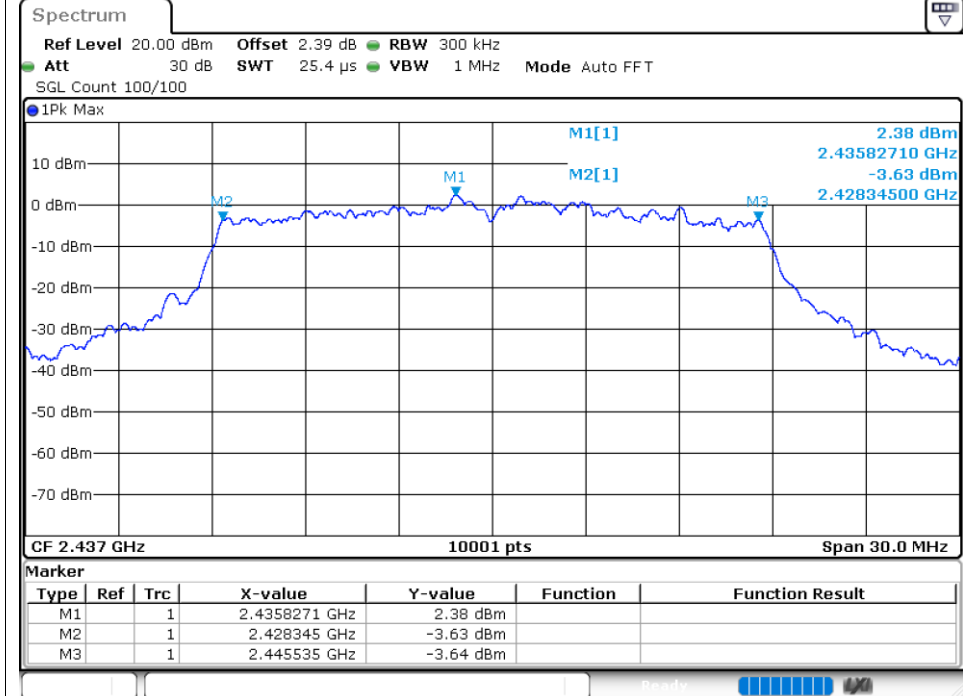
-6dB Bandwidth NVNT n20 2412MHz Ant1



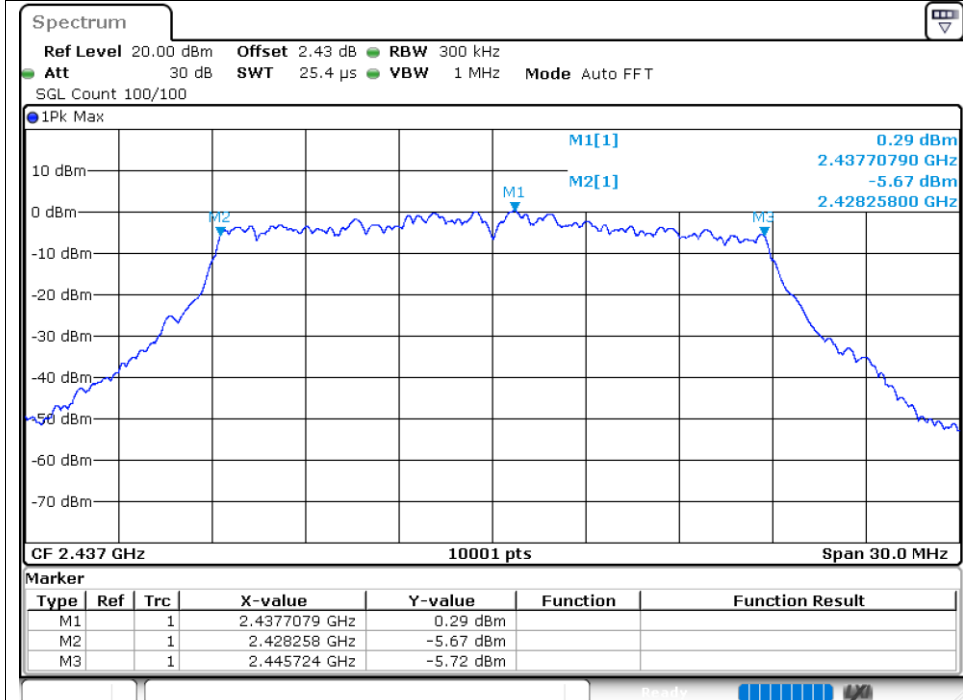
-6dB Bandwidth NVNT n20 2412MHz Ant2



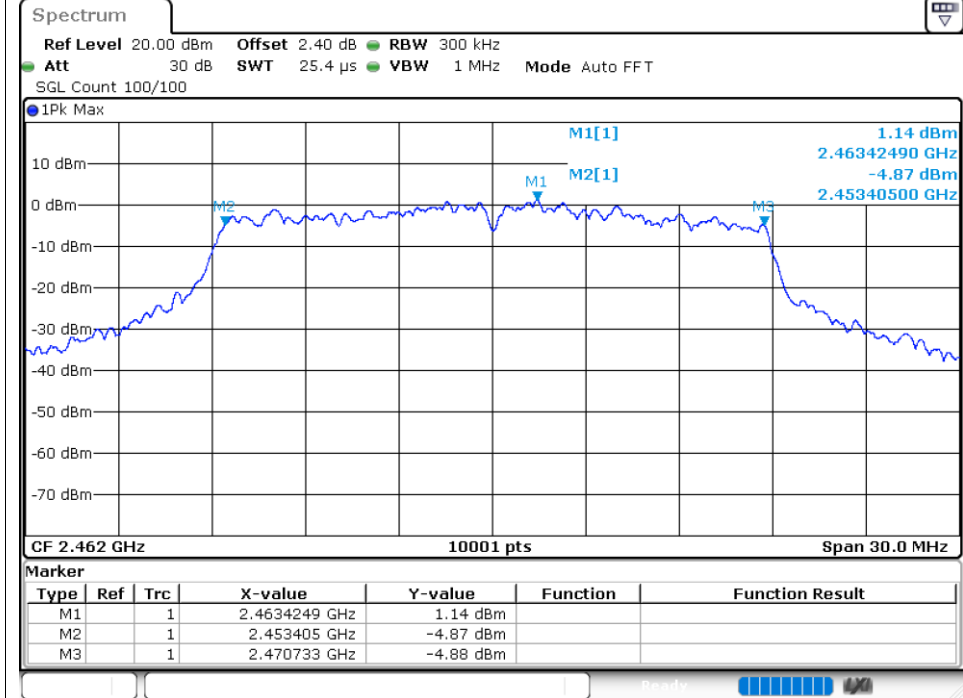
-6dB Bandwidth NVNT n20 2437MHz Ant1



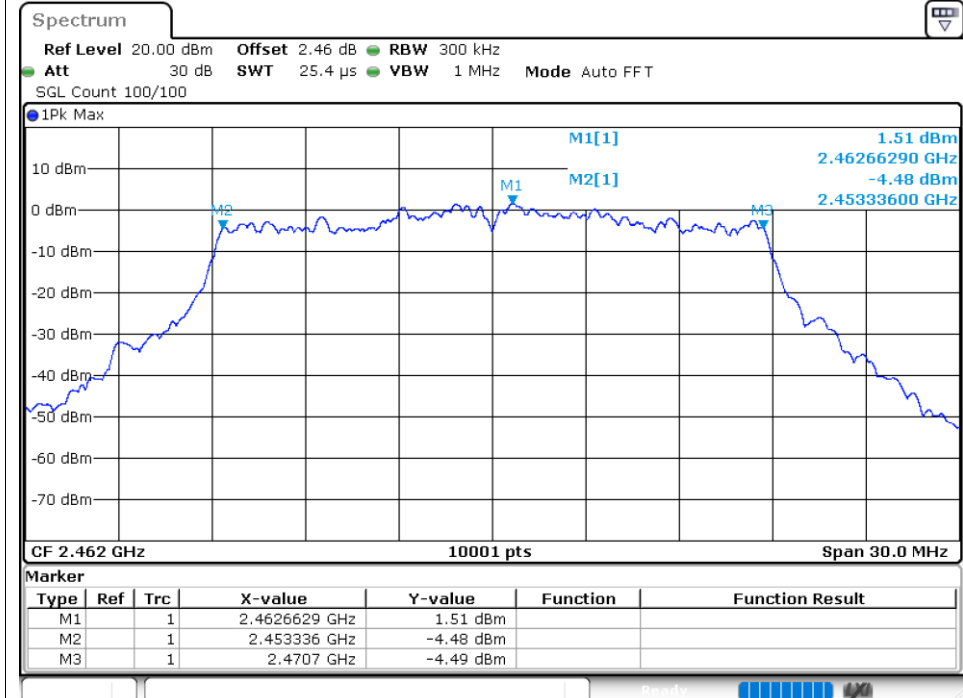
-6dB Bandwidth NVNT n20 2437MHz Ant2



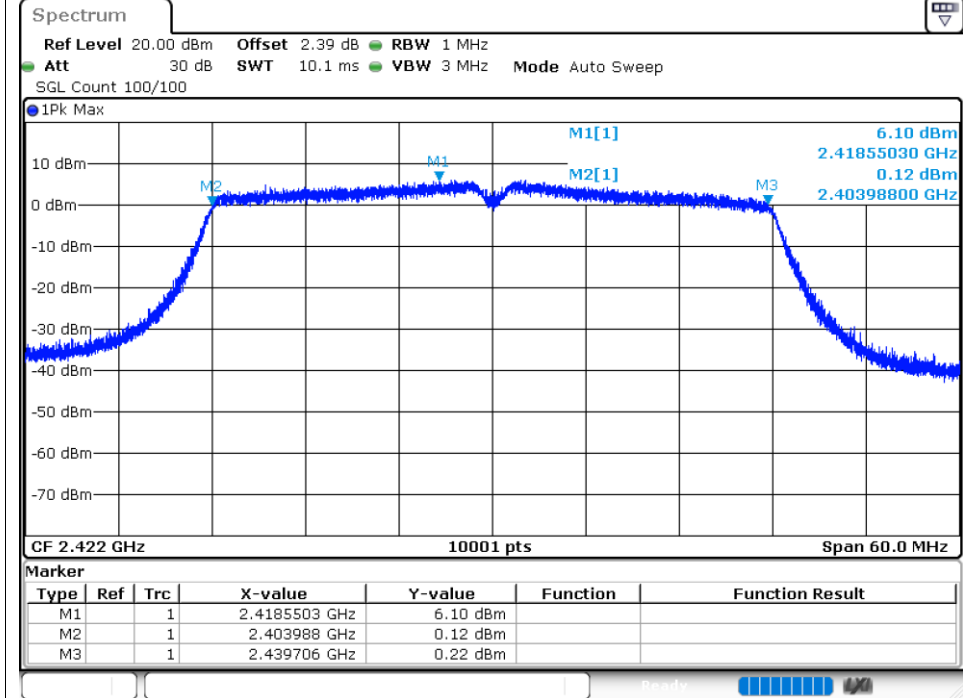
-6dB Bandwidth NVNT n20 2462MHz Ant1



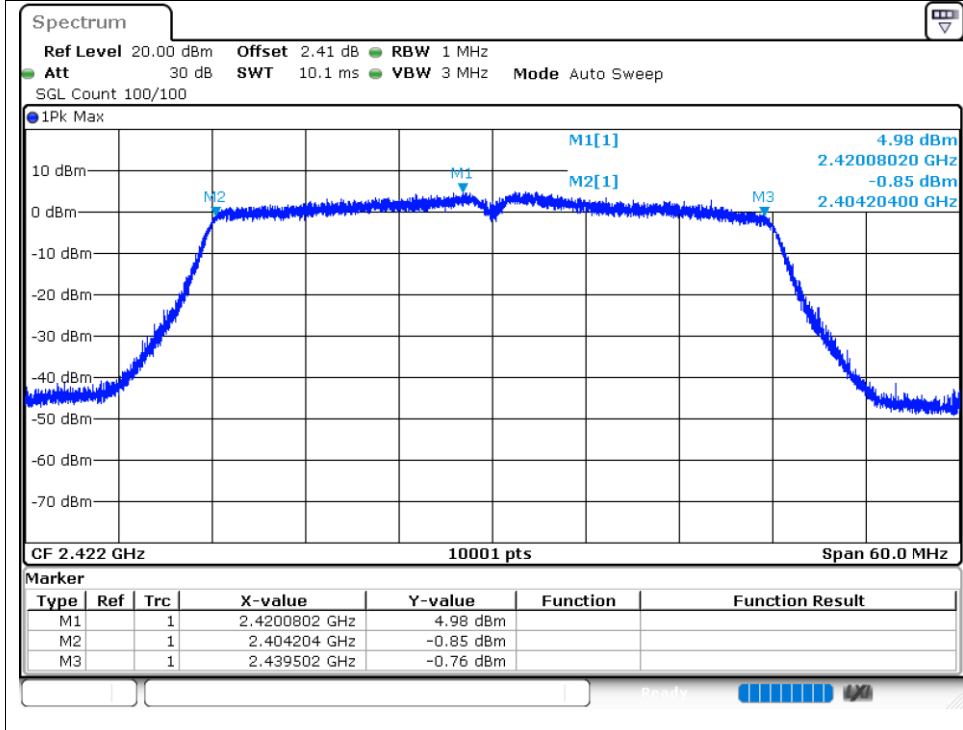
-6dB Bandwidth NVNT n20 2462MHz Ant2



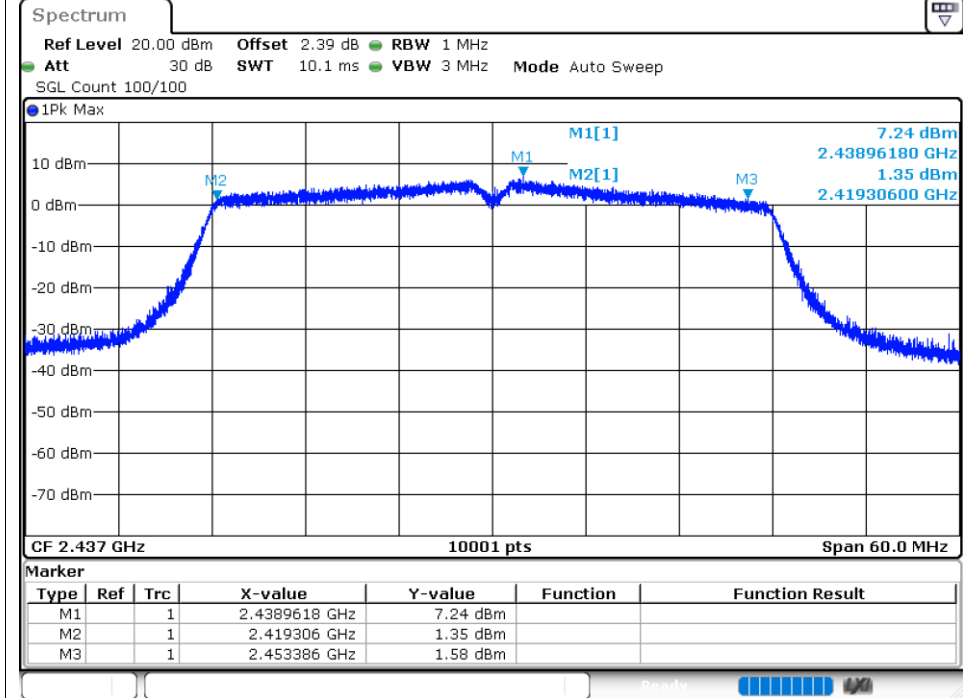
-6dB Bandwidth NVNT n40 2422MHz Ant1



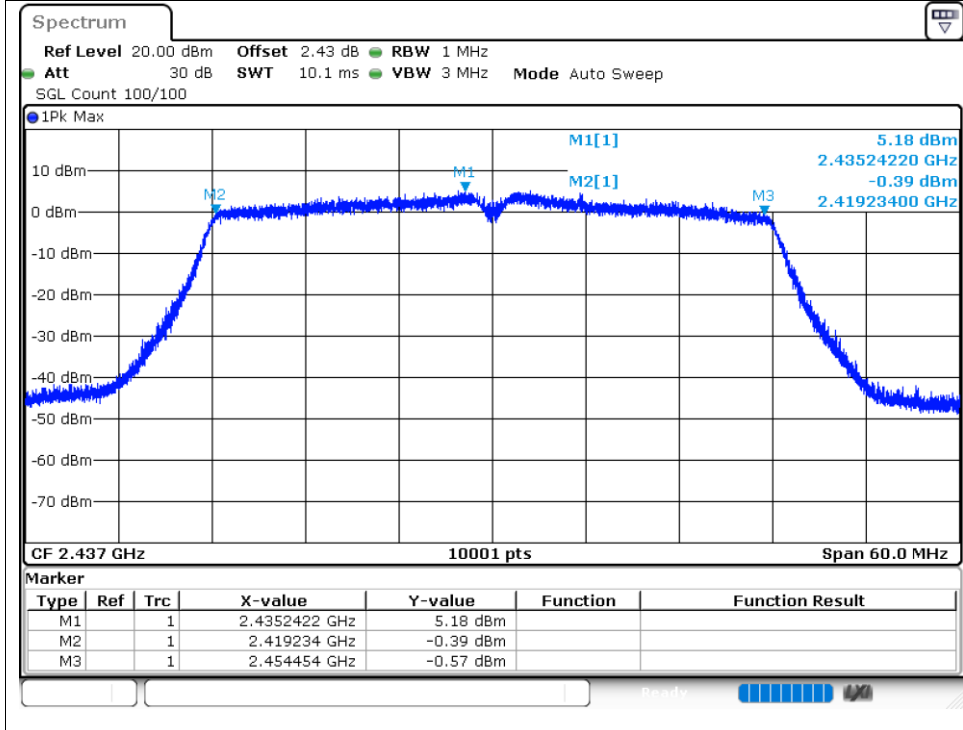
-6dB Bandwidth NVNT n40 2422MHz Ant2

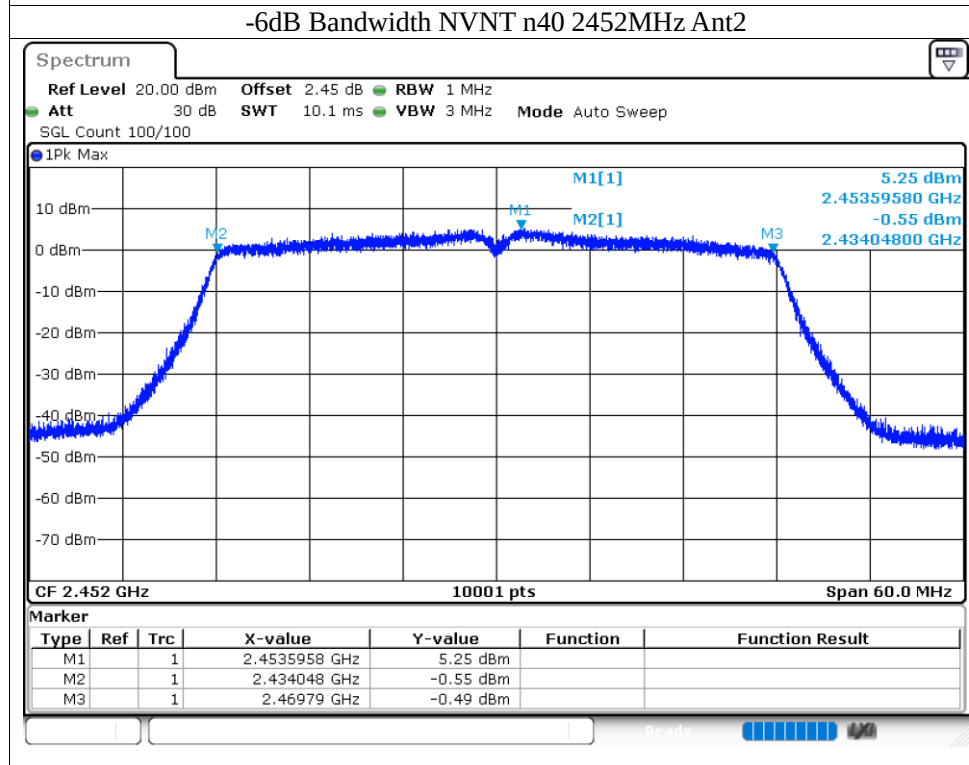
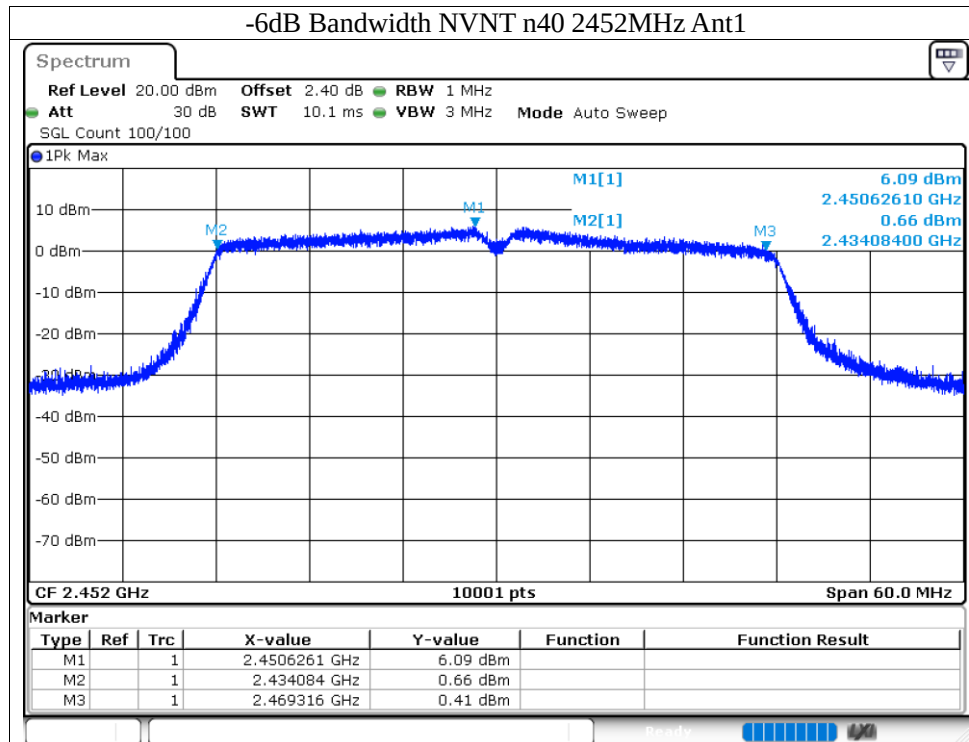


-6dB Bandwidth NVNT n40 2437MHz Ant1



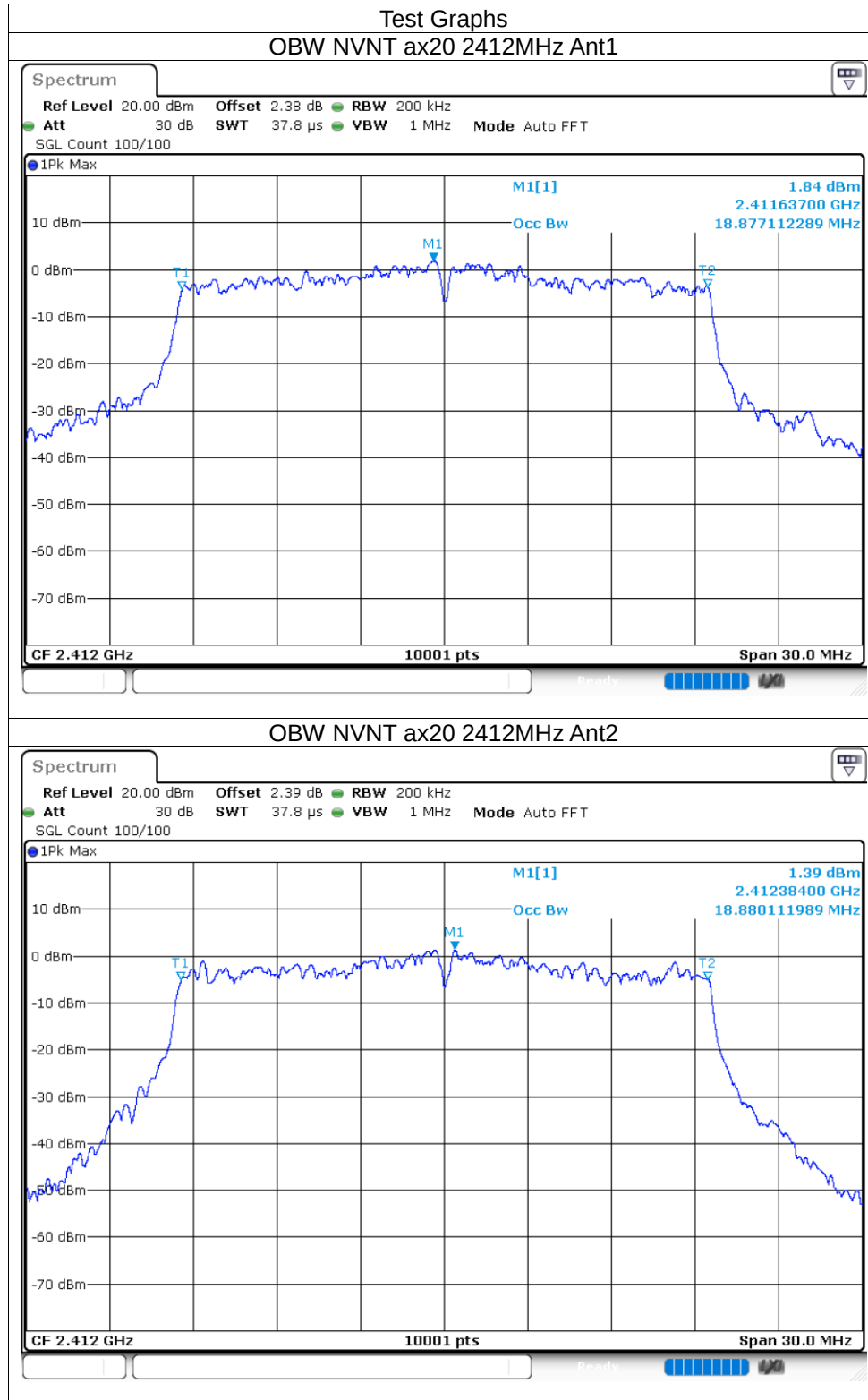
-6dB Bandwidth NVNT n40 2437MHz Ant2

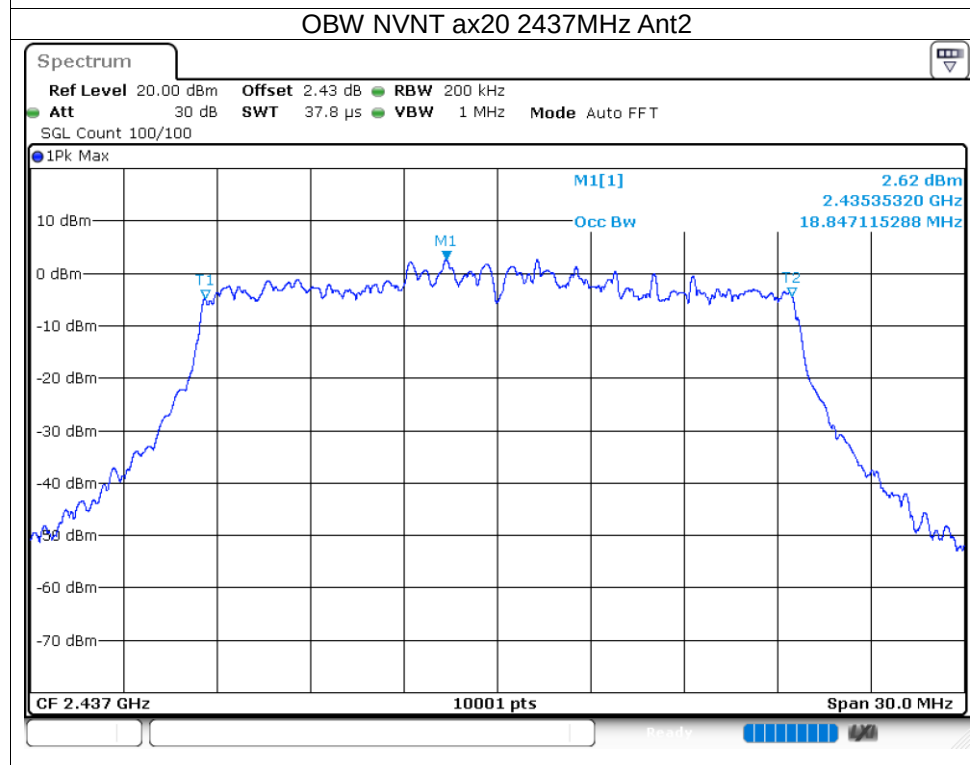
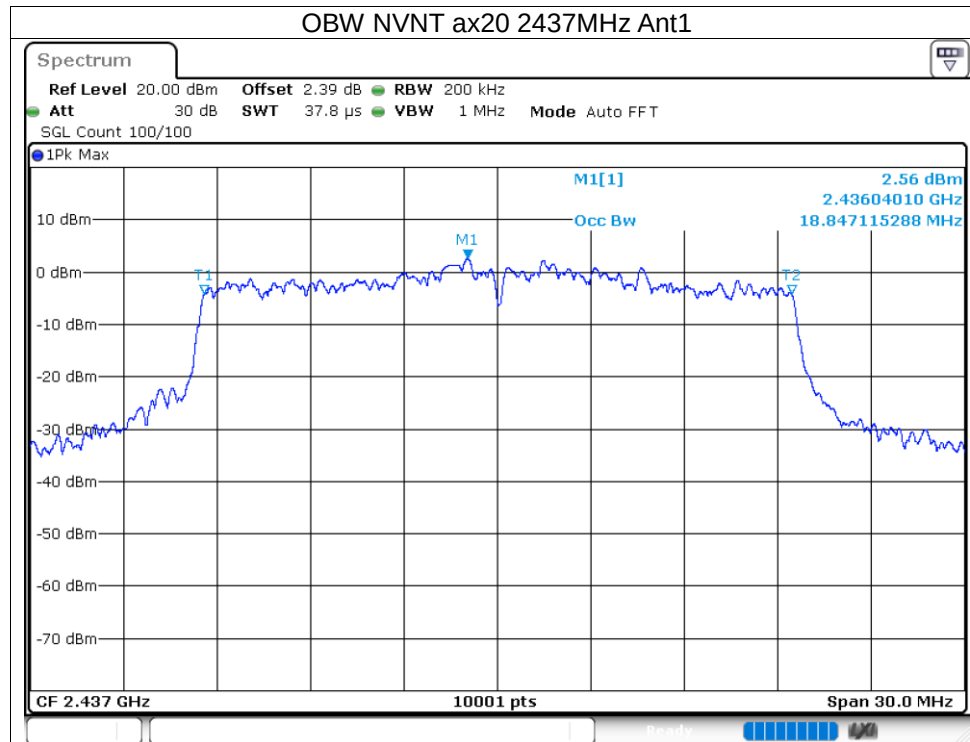


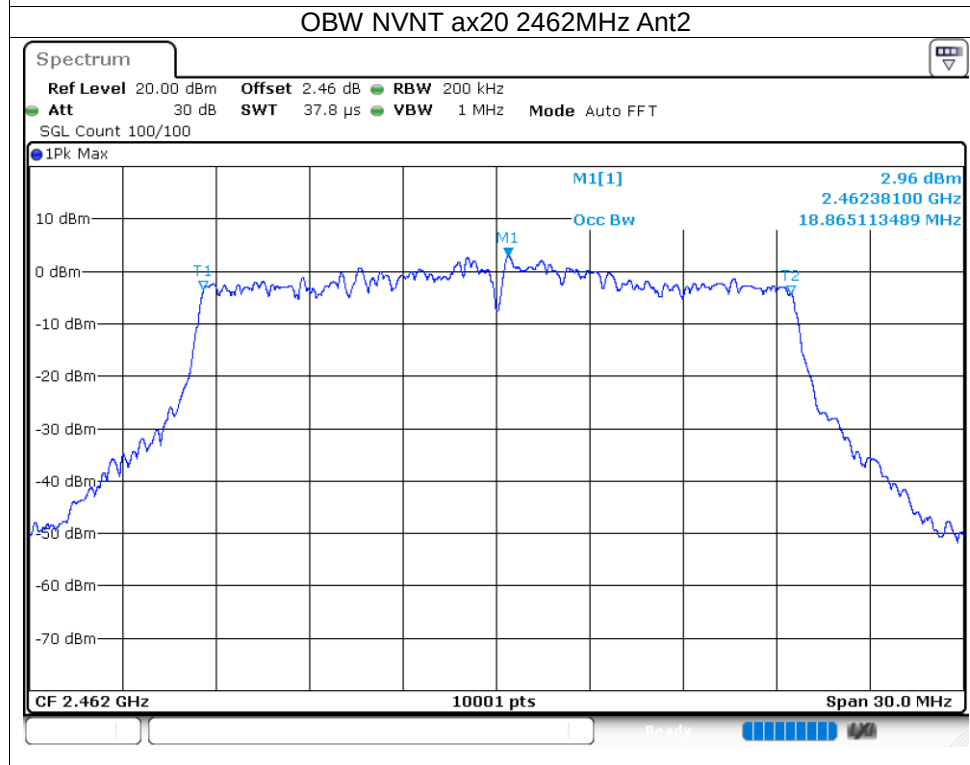
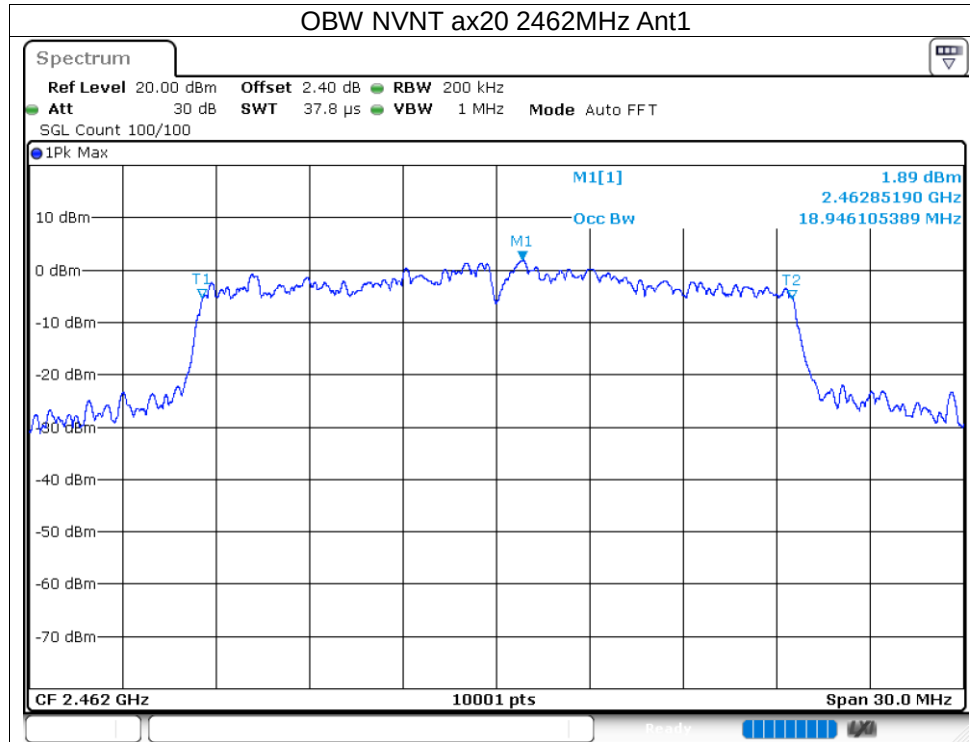


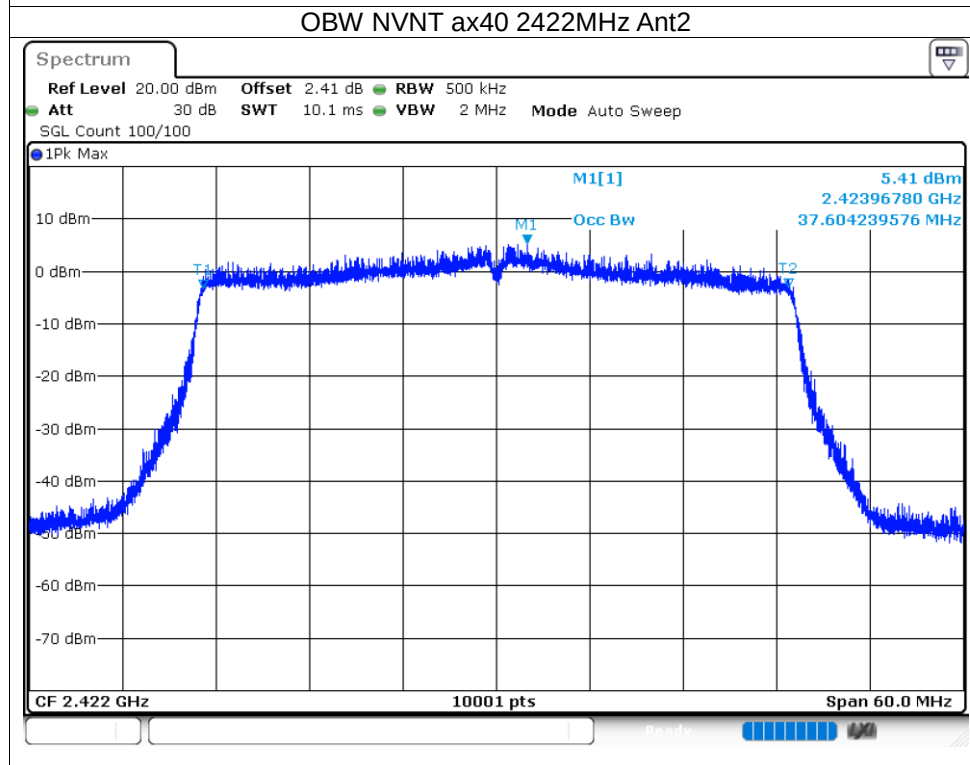
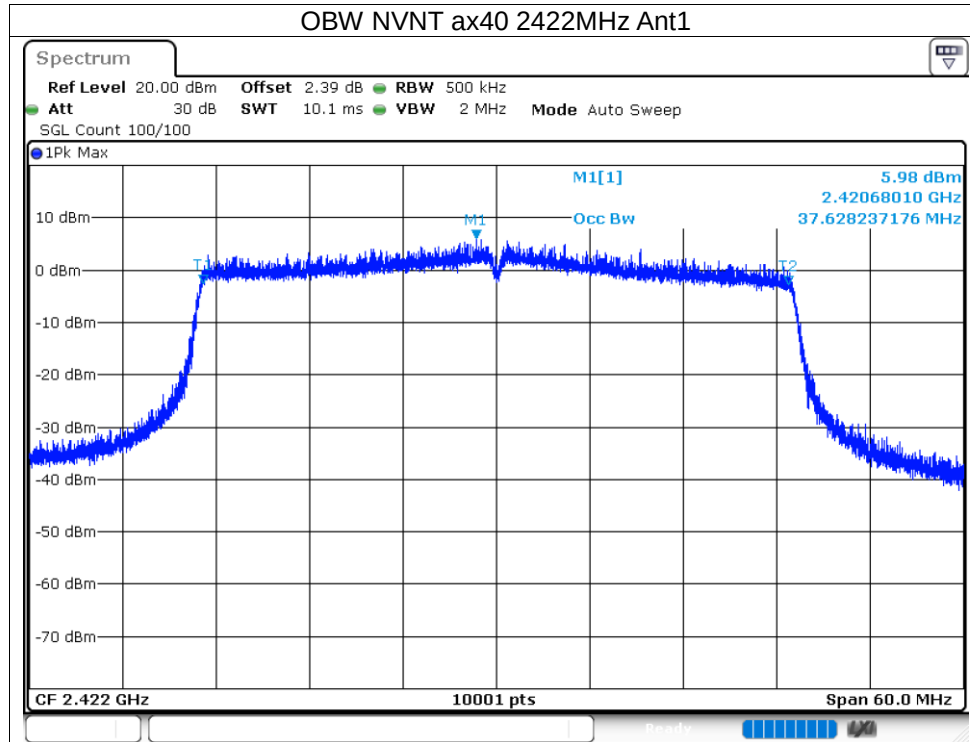
8.2.4 Occupied Channel Bandwidth

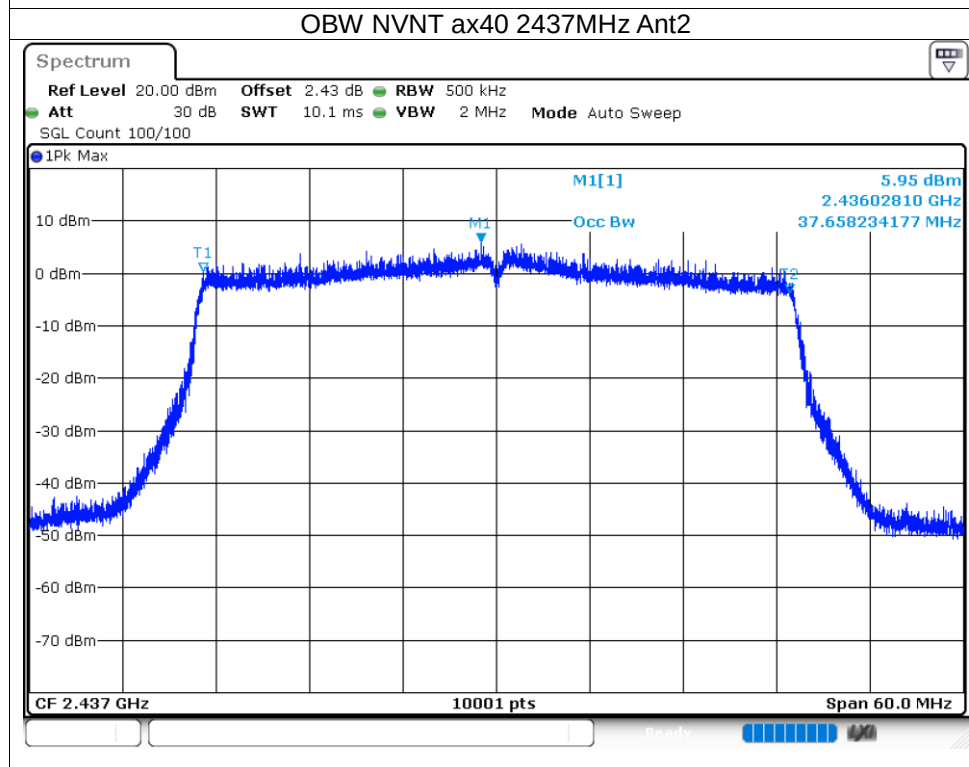
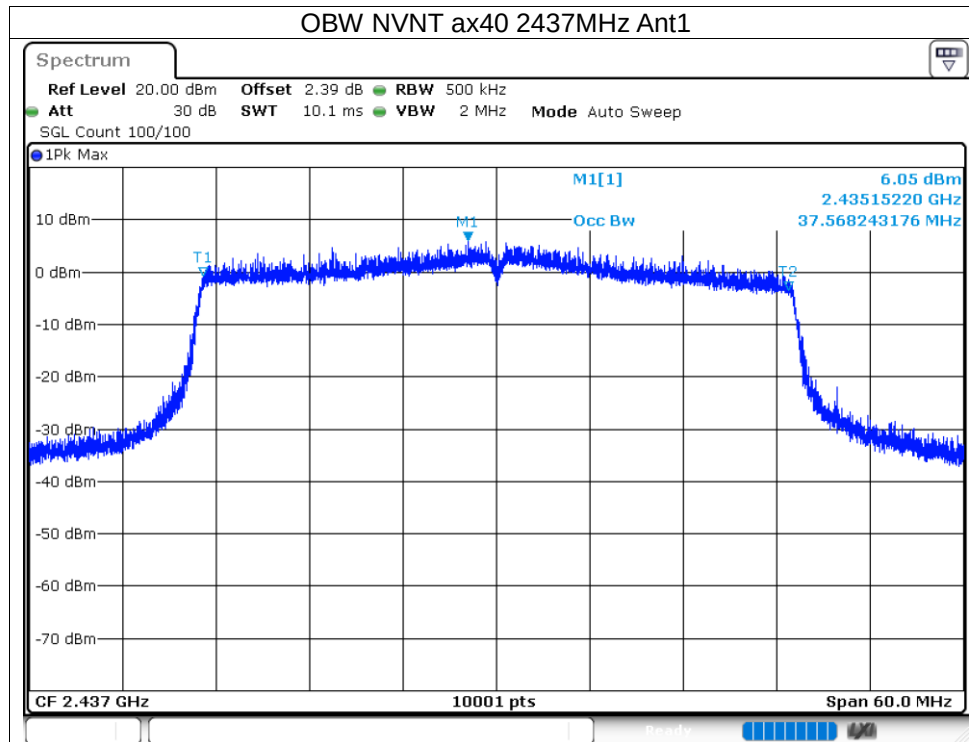
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax20	2412	Ant1	18.877
NVNT	ax20	2412	Ant2	18.88
NVNT	ax20	2437	Ant1	18.847
NVNT	ax20	2437	Ant2	18.847
NVNT	ax20	2462	Ant1	18.946
NVNT	ax20	2462	Ant2	18.865
NVNT	ax40	2422	Ant1	37.628
NVNT	ax40	2422	Ant2	37.604
NVNT	ax40	2437	Ant1	37.568
NVNT	ax40	2437	Ant2	37.658
NVNT	ax40	2452	Ant1	37.676
NVNT	ax40	2452	Ant2	37.652
NVNT	n20	2412	Ant1	17.524
NVNT	n20	2412	Ant2	17.593
NVNT	n20	2437	Ant1	17.581
NVNT	n20	2437	Ant2	17.554
NVNT	n20	2462	Ant1	17.596
NVNT	n20	2462	Ant2	17.578
NVNT	n40	2422	Ant1	36.008
NVNT	n40	2422	Ant2	35.948
NVNT	n40	2437	Ant1	35.93
NVNT	n40	2437	Ant2	35.972
NVNT	n40	2452	Ant1	36.062
NVNT	n40	2452	Ant2	35.996

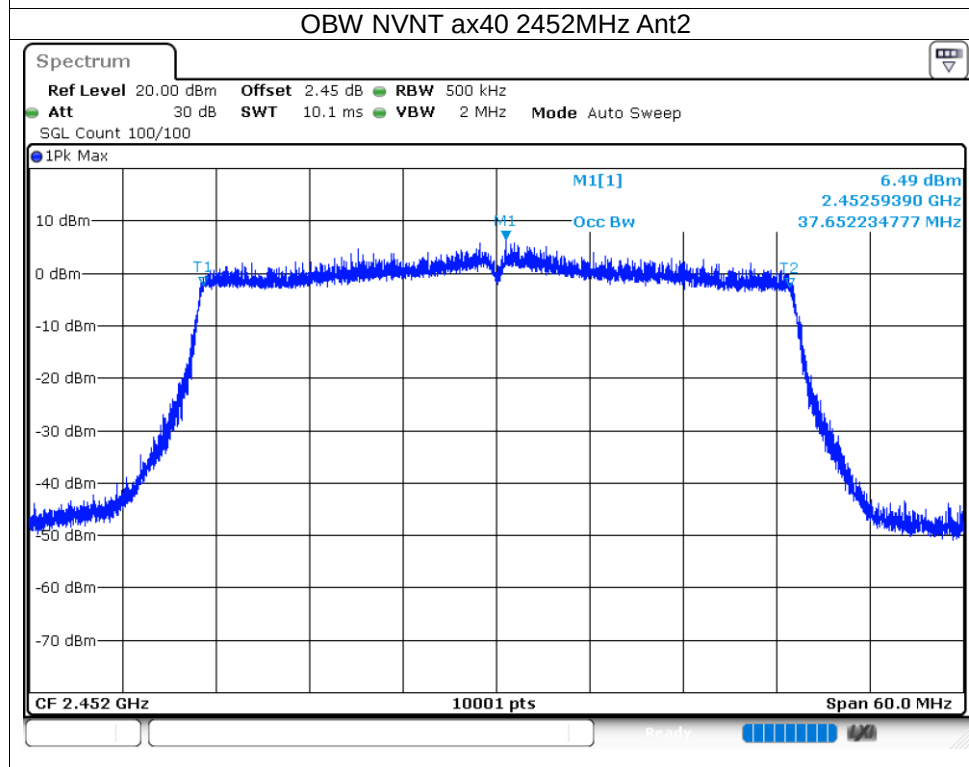
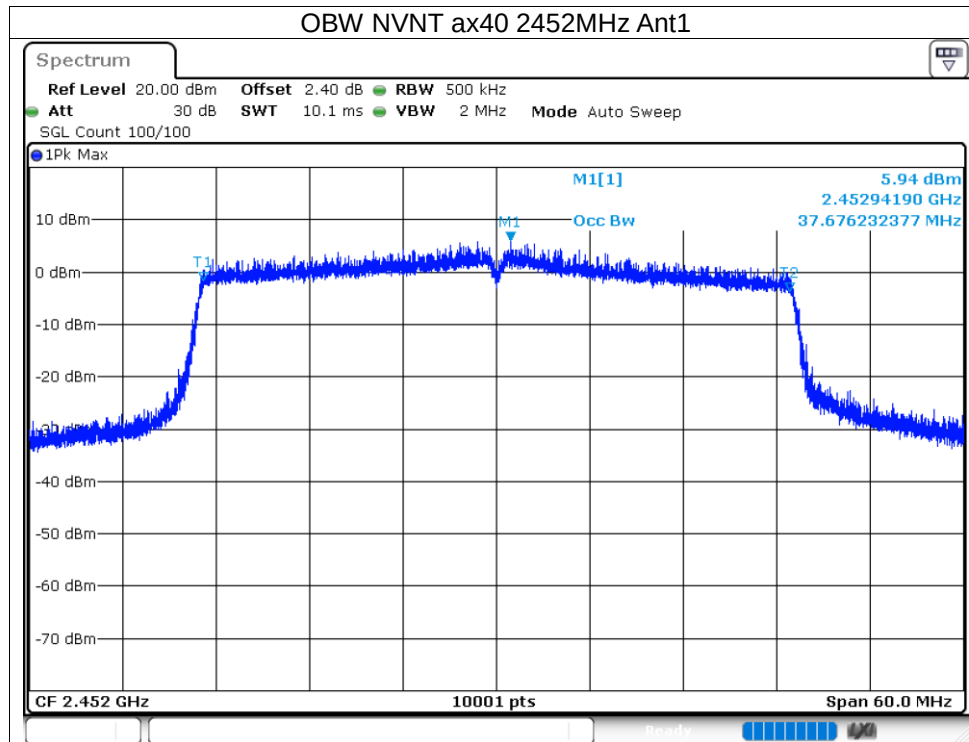




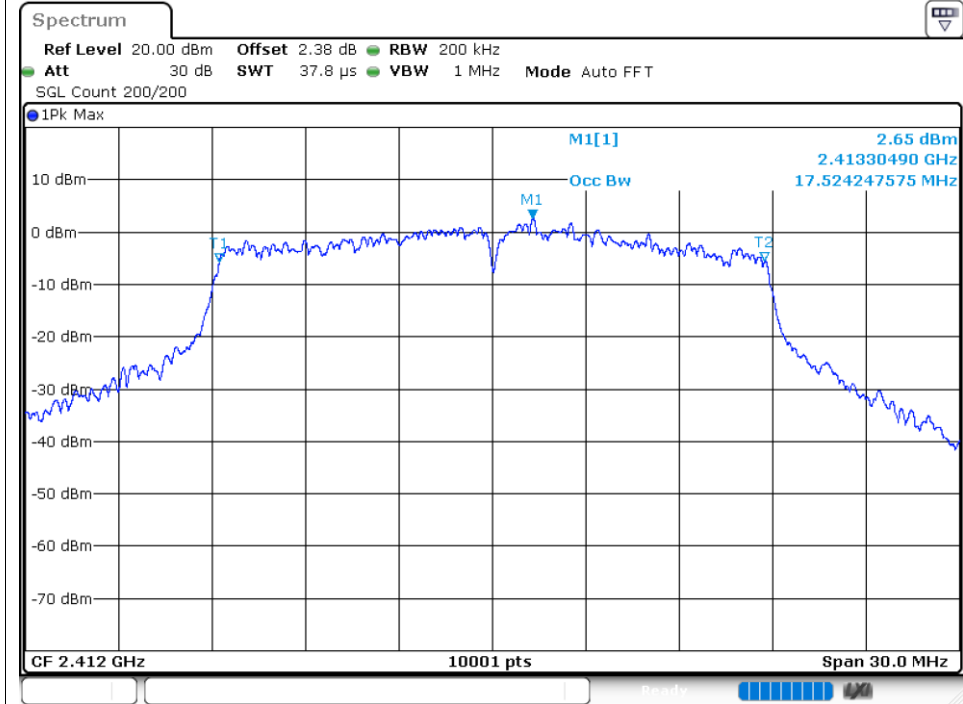




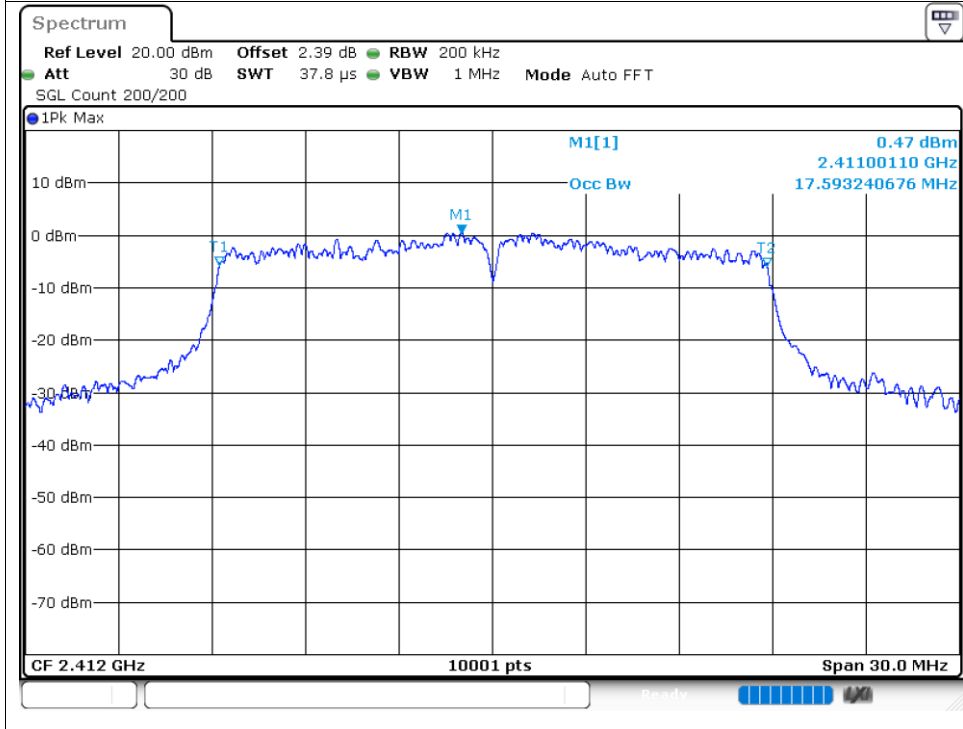




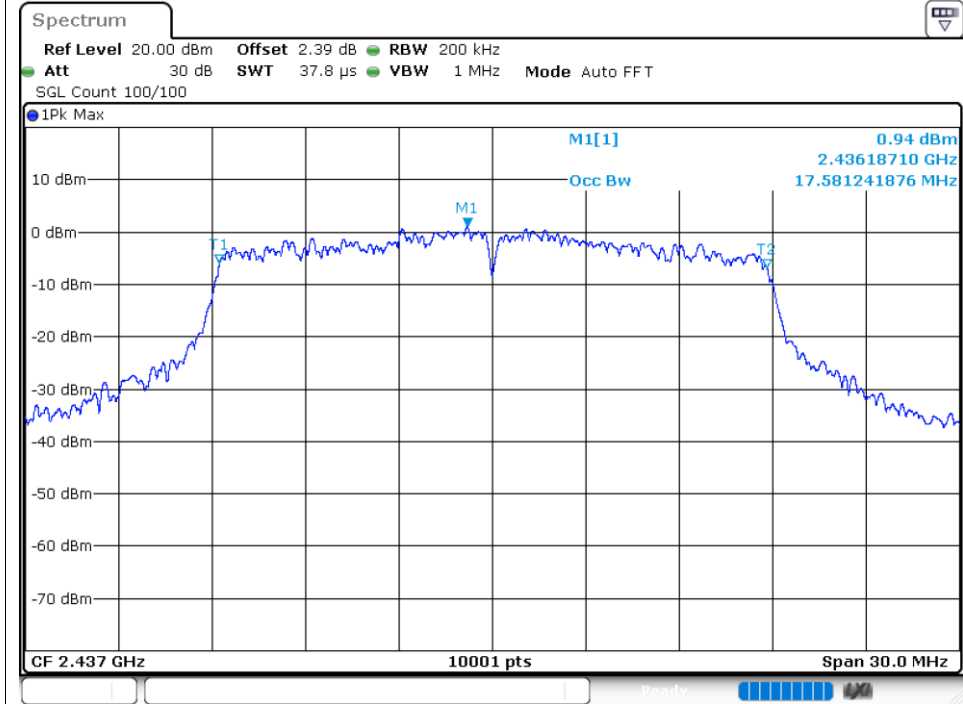
OBW NVNT n20 2412MHz Ant1



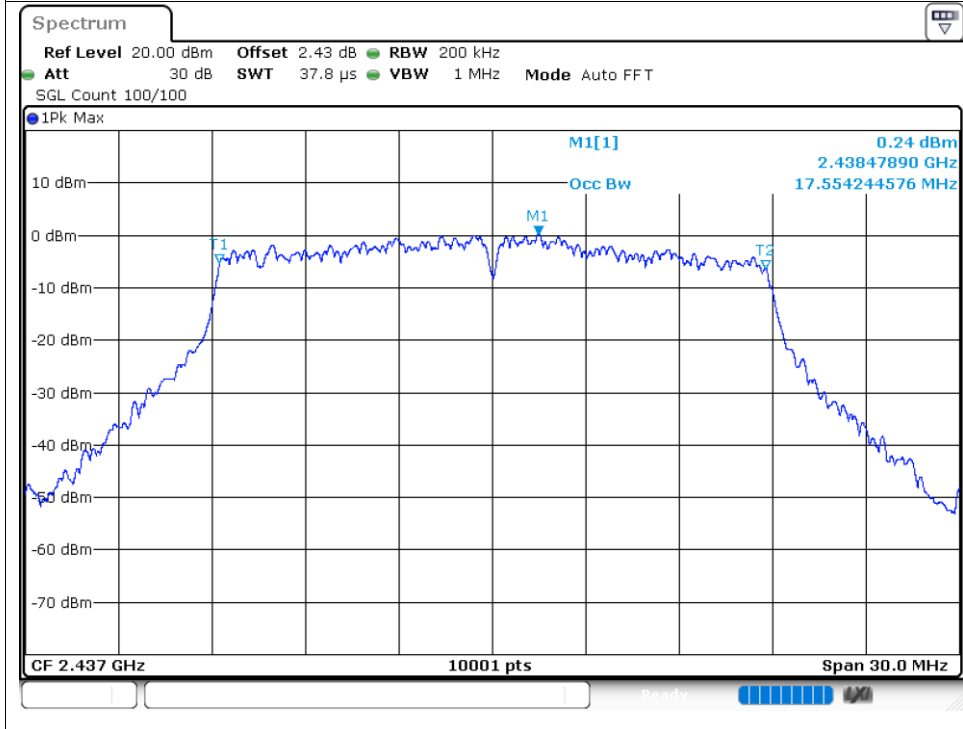
OBW NVNT n20 2412MHz Ant2



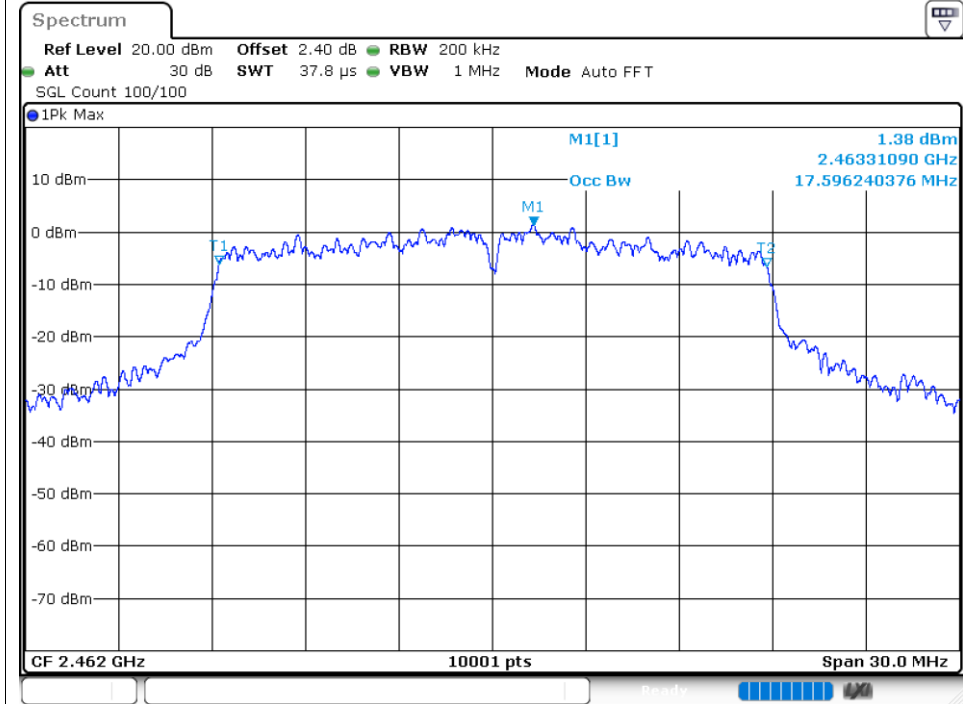
OBW NVNT n20 2437MHz Ant1



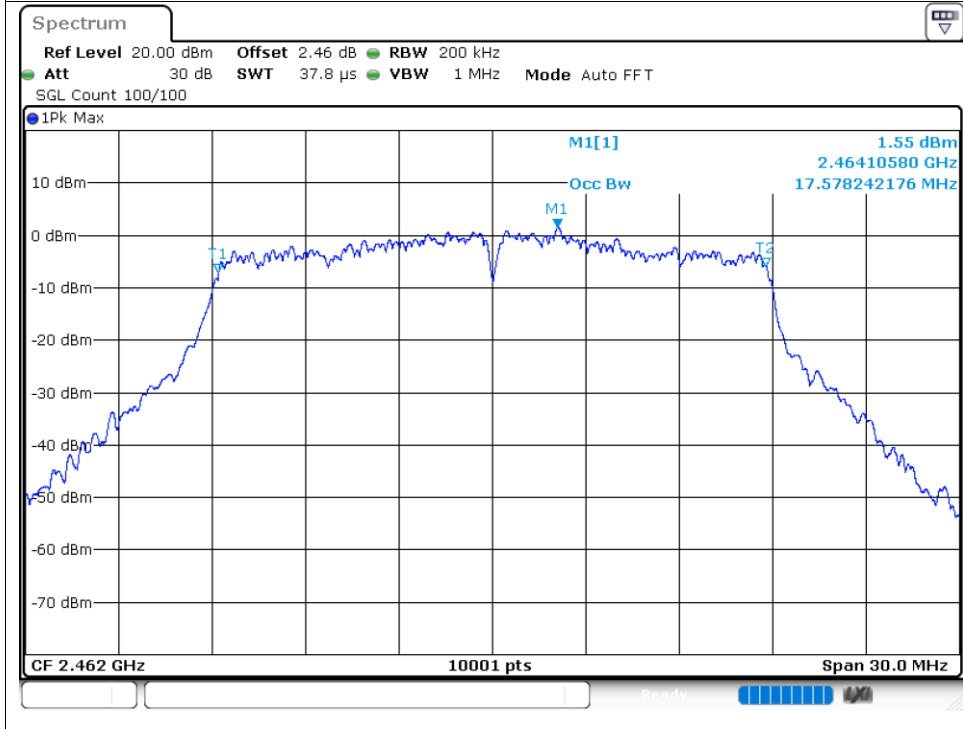
OBW NVNT n20 2437MHz Ant2



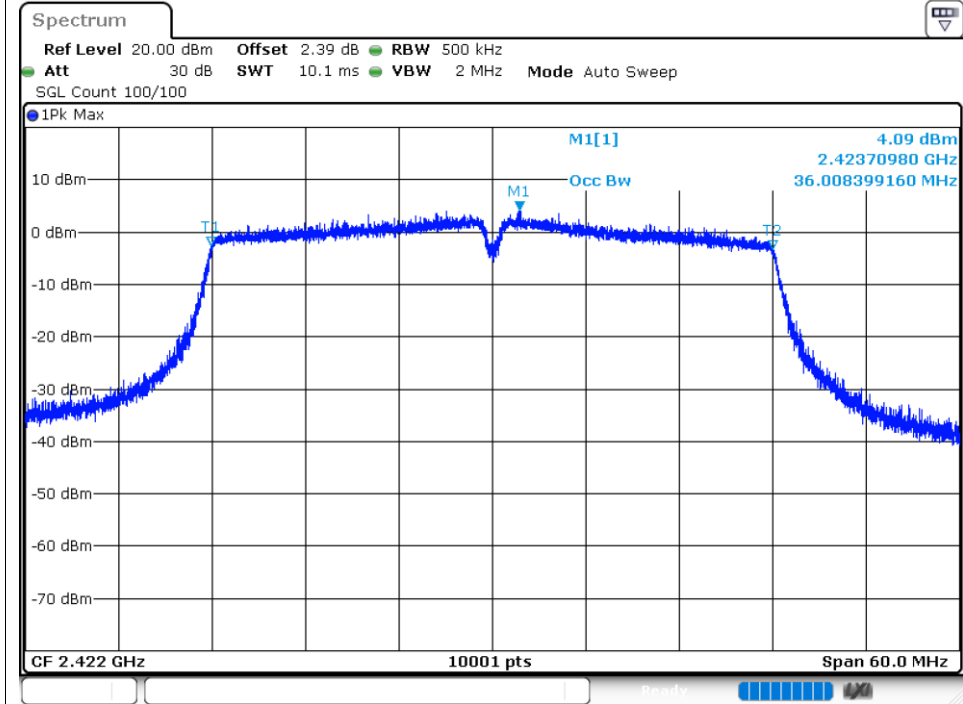
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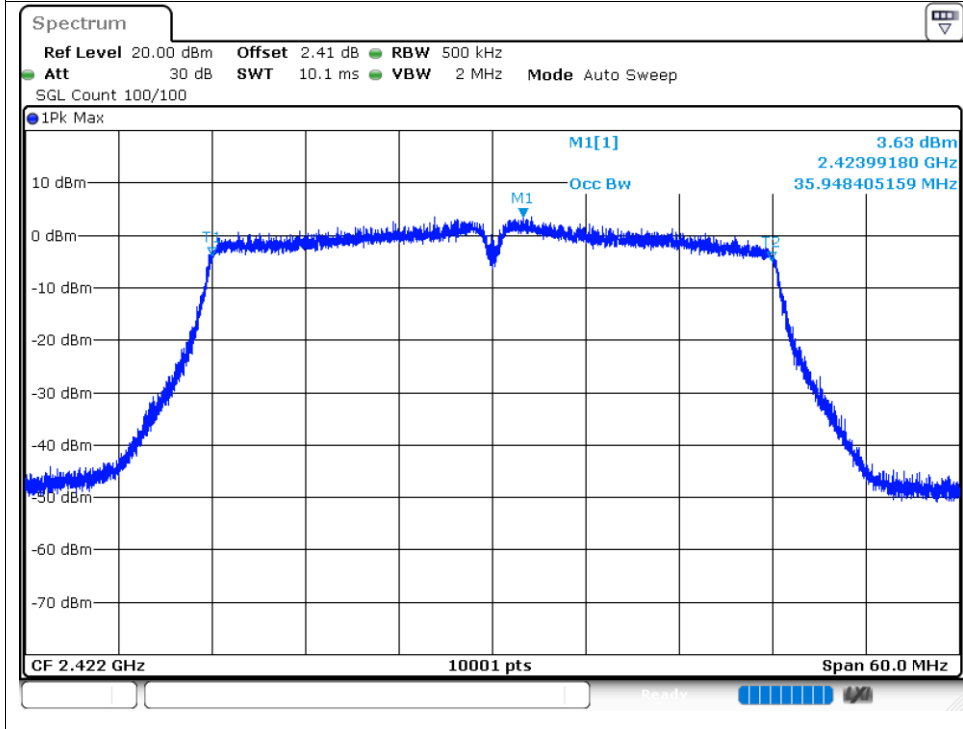
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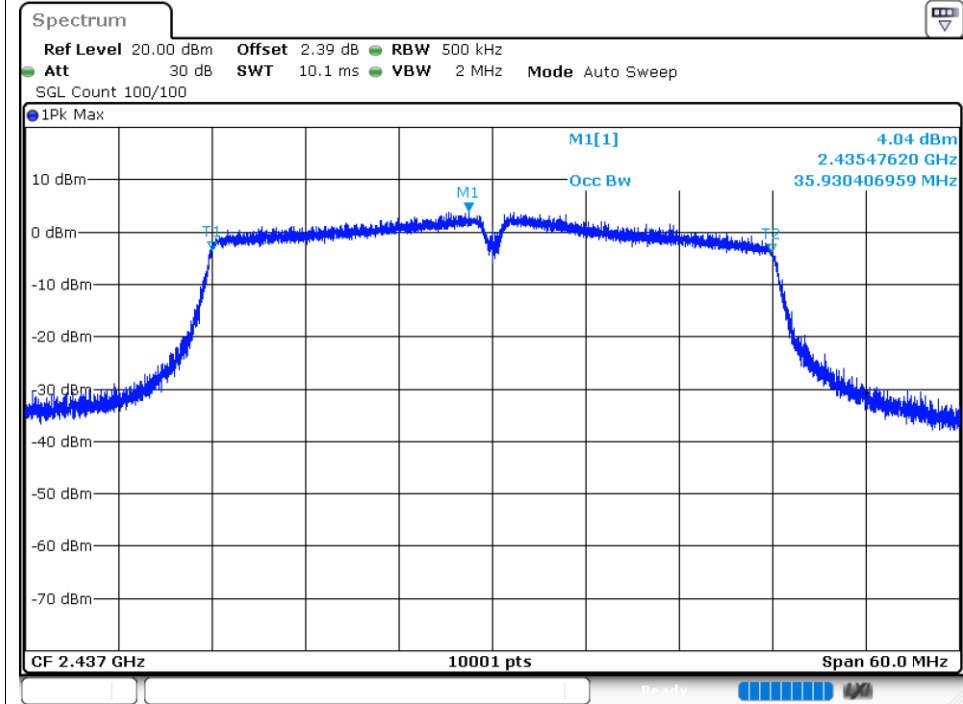
OBW NVNT n40 2422MHz Ant1



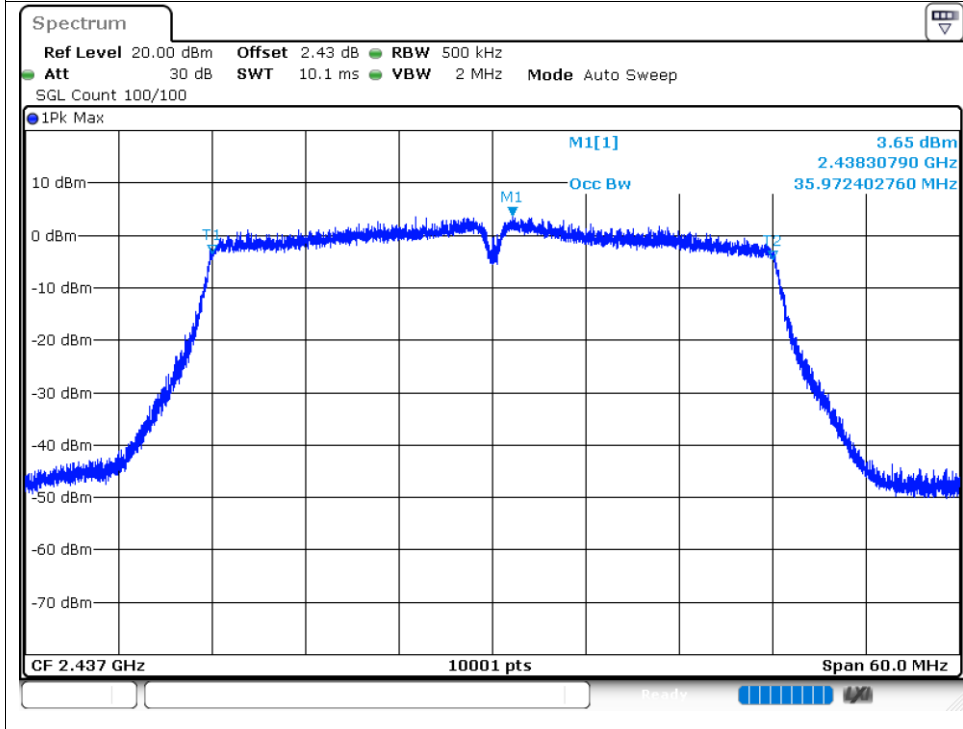
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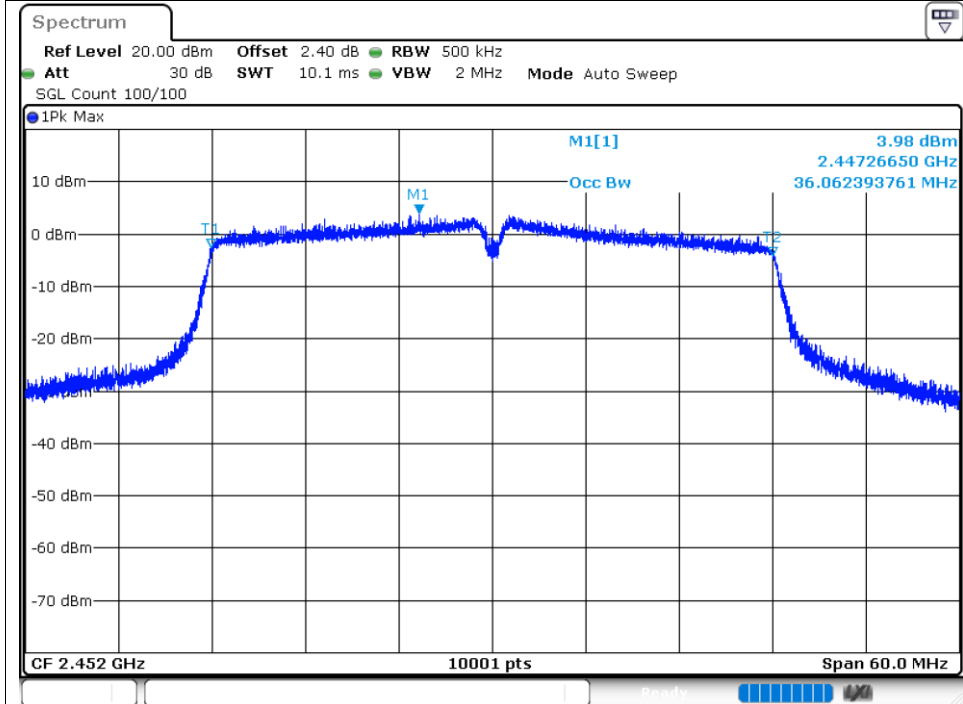
OBW NVNT n40 2437MHz Ant1



OBW NVNT n40 2437MHz Ant2



OBW NVNT n40 2452MHz Ant1



OBW NVNT n40 2452MHz Ant2

