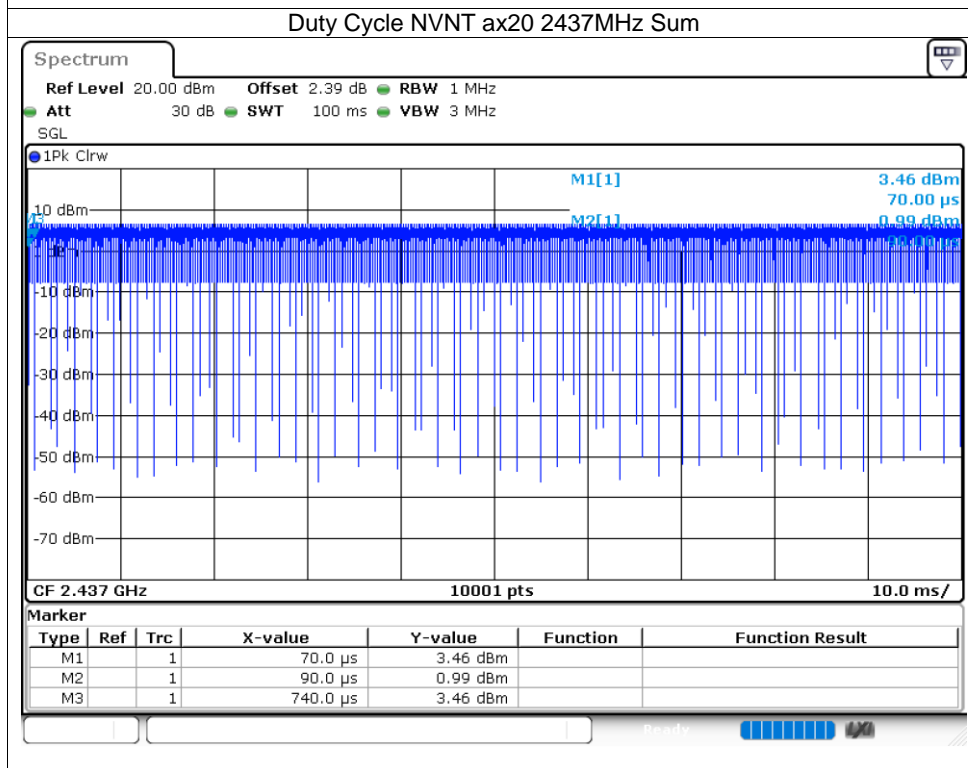
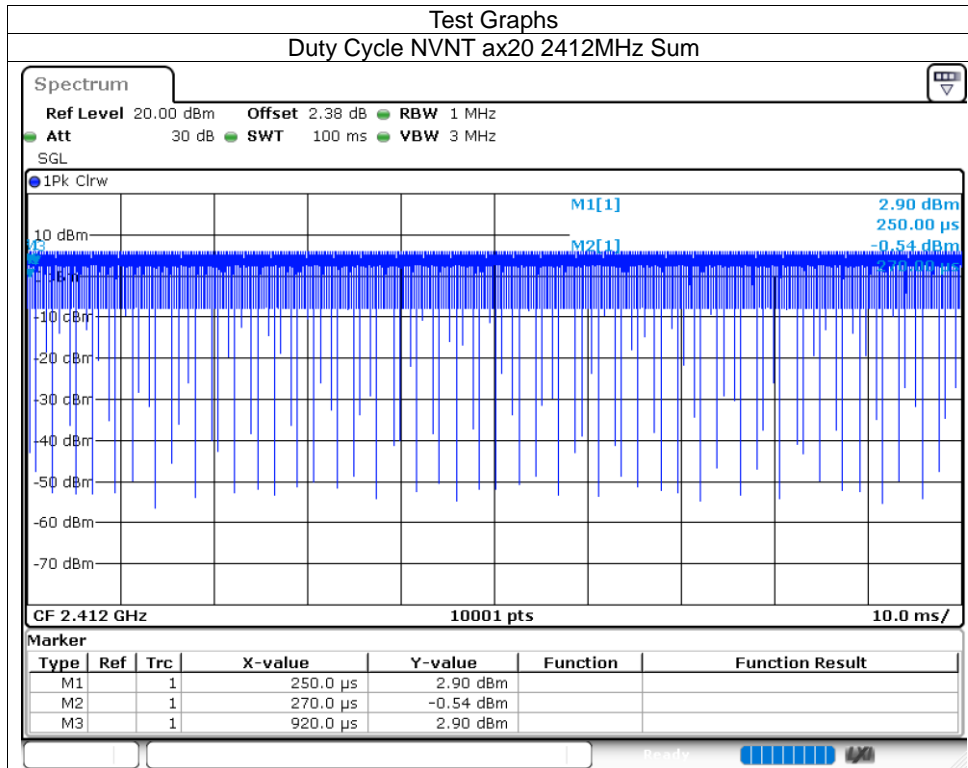
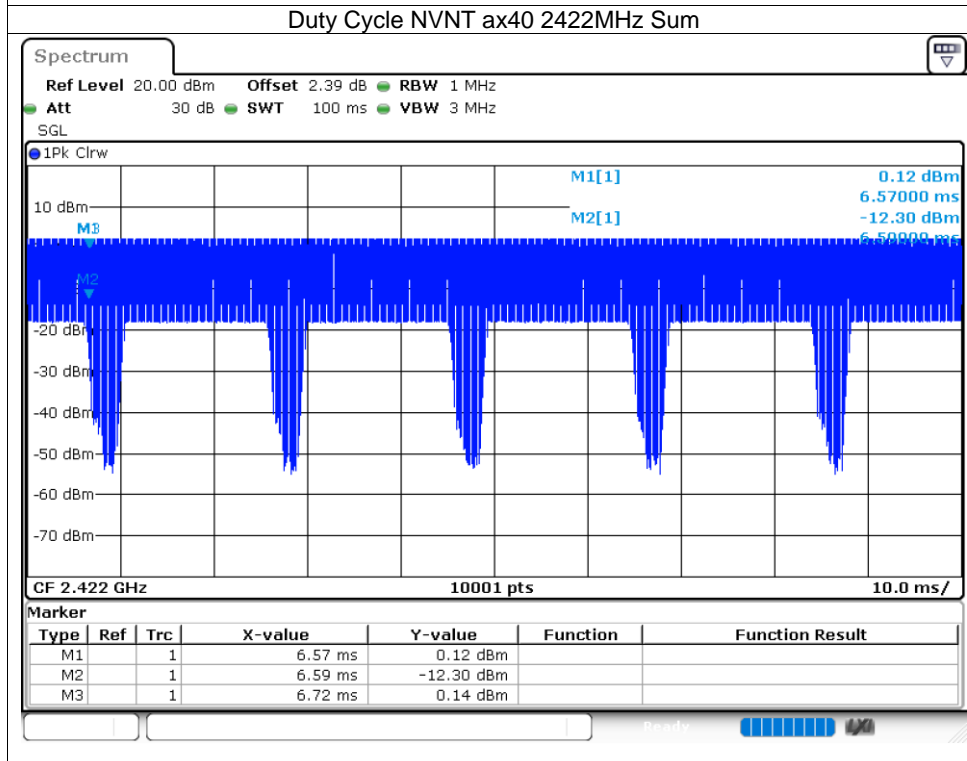
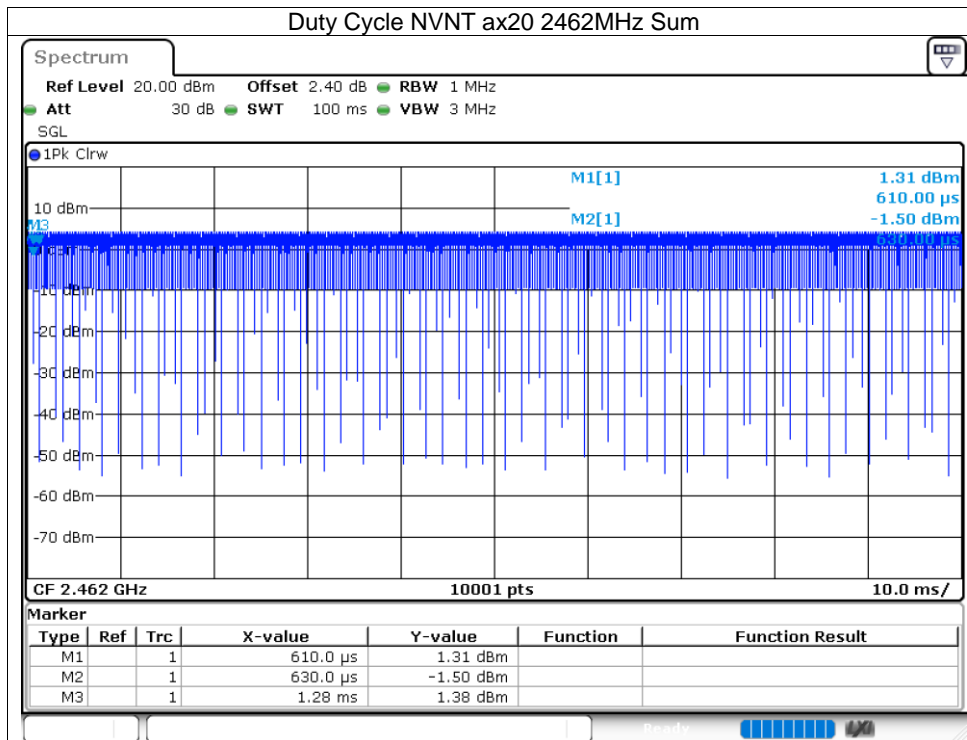


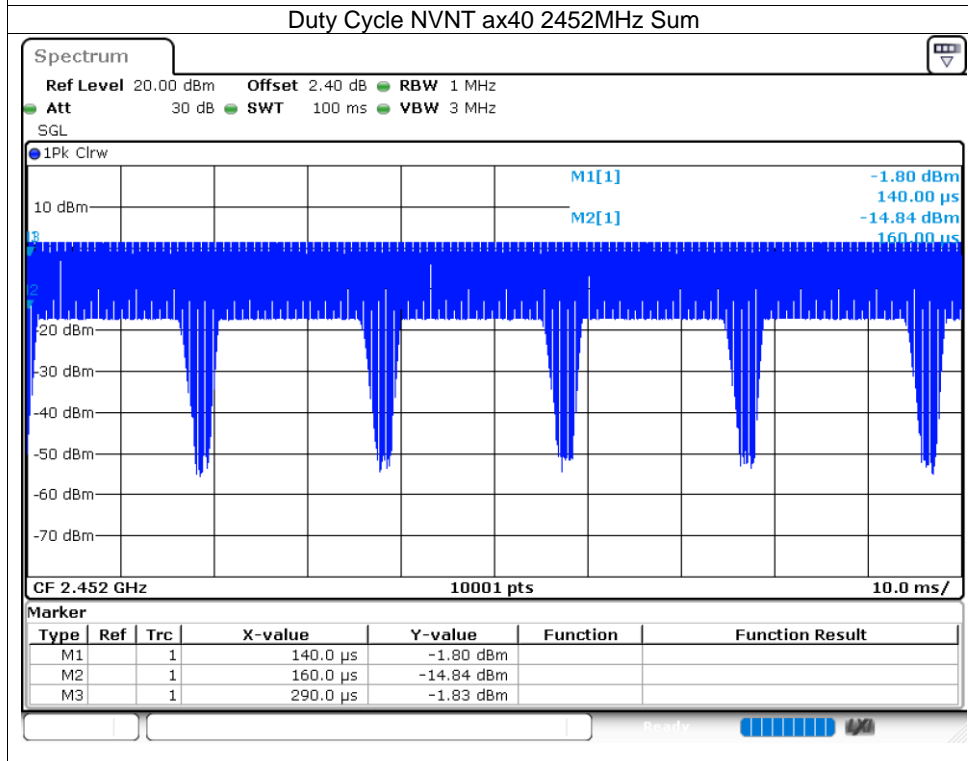
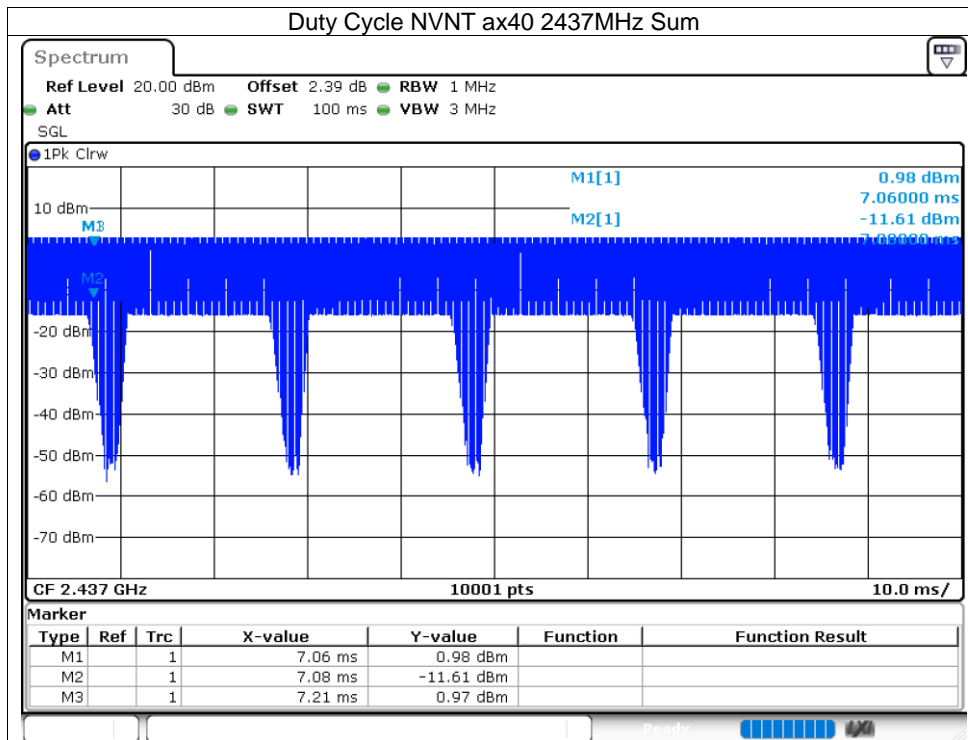
## 8.2 2.4G WIFI MIMO

### 8.2.1 Duty Cycle

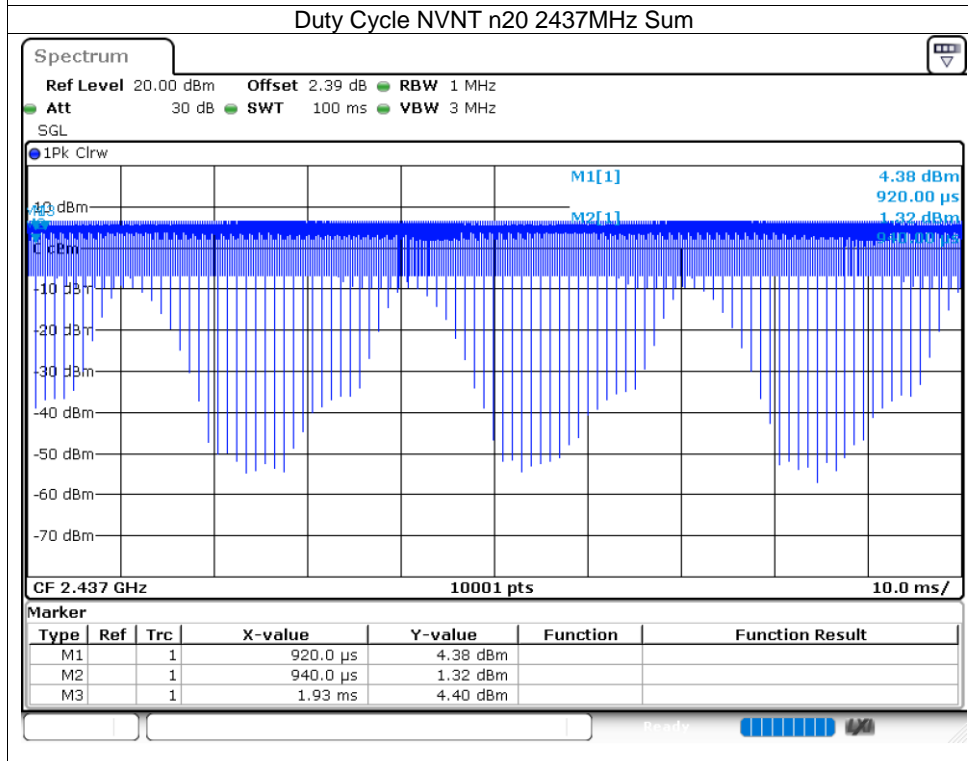
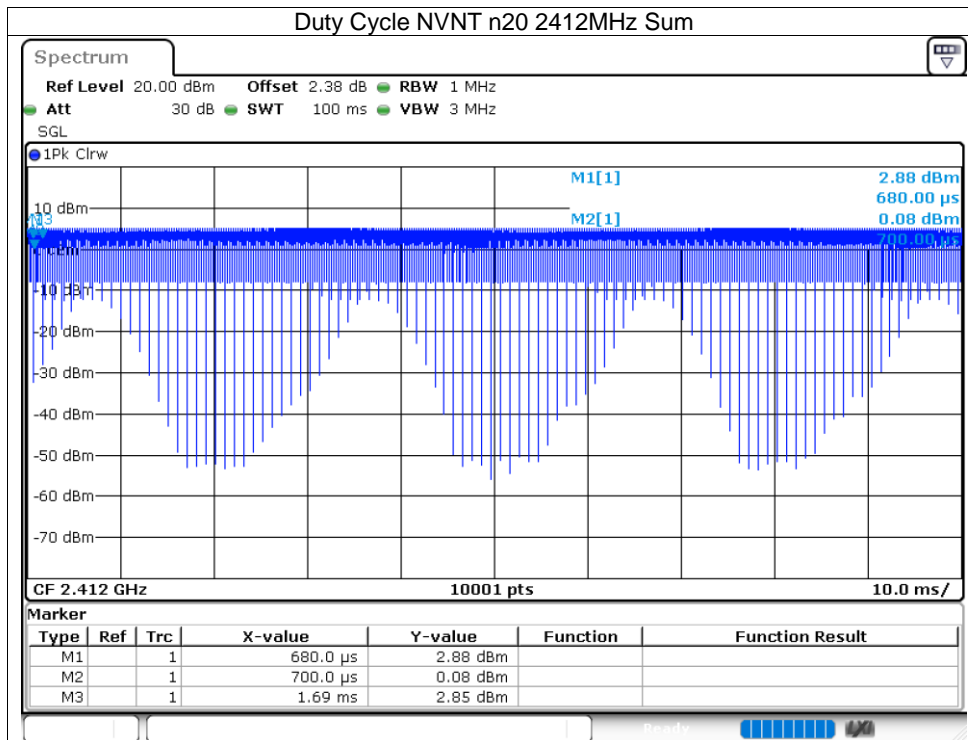
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ax20	2412	Sum	99.19	0.04	1.54
NVNT	ax20	2437	Sum	99.18	0.04	1.54
NVNT	ax20	2462	Sum	99.18	0.04	1.54
NVNT	ax40	2422	Sum	98.76	0.05	7.69
NVNT	ax40	2437	Sum	98.83	0.05	7.69
NVNT	ax40	2452	Sum	98.76	0.05	7.69
NVNT	n20	2412	Sum	99.37	0.03	1.01
NVNT	n20	2437	Sum	99.34	0.03	1.01
NVNT	n20	2462	Sum	99.31	0.03	1.01
NVNT	n40	2422	Sum	98.78	0.05	3.7
NVNT	n40	2437	Sum	98.87	0.05	0.78
NVNT	n40	2452	Sum	98.81	0.05	3.7

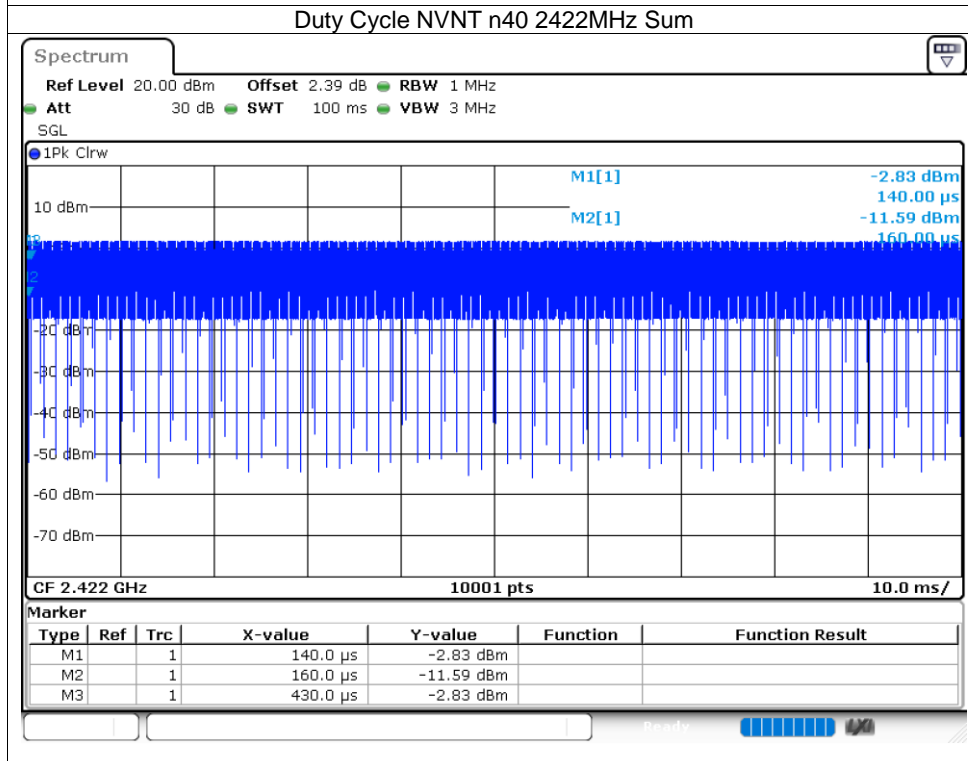
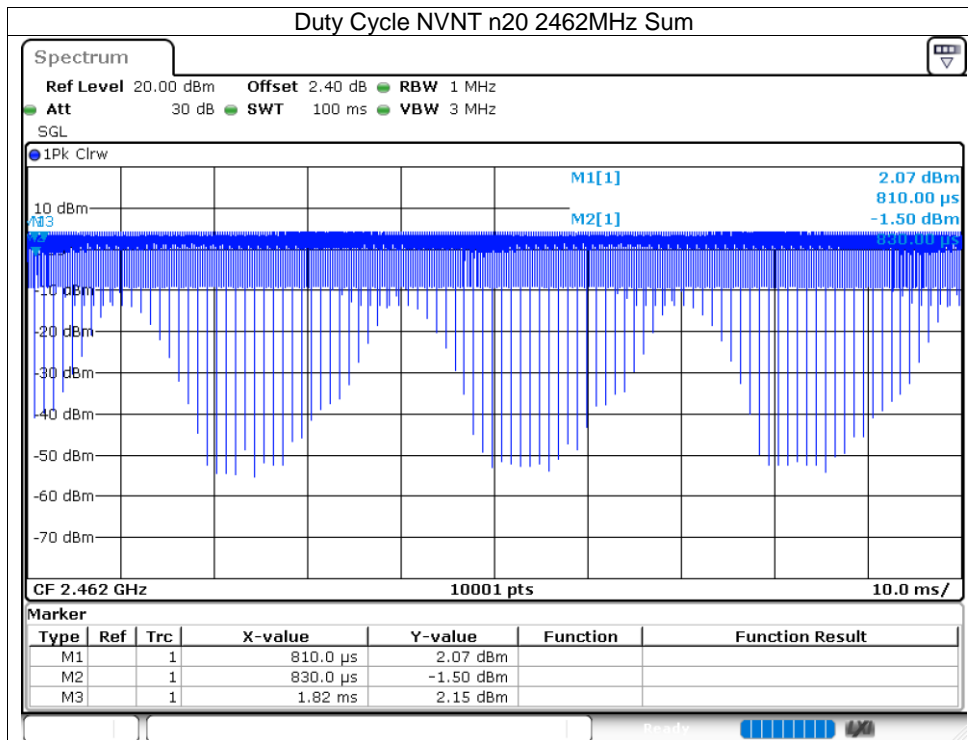


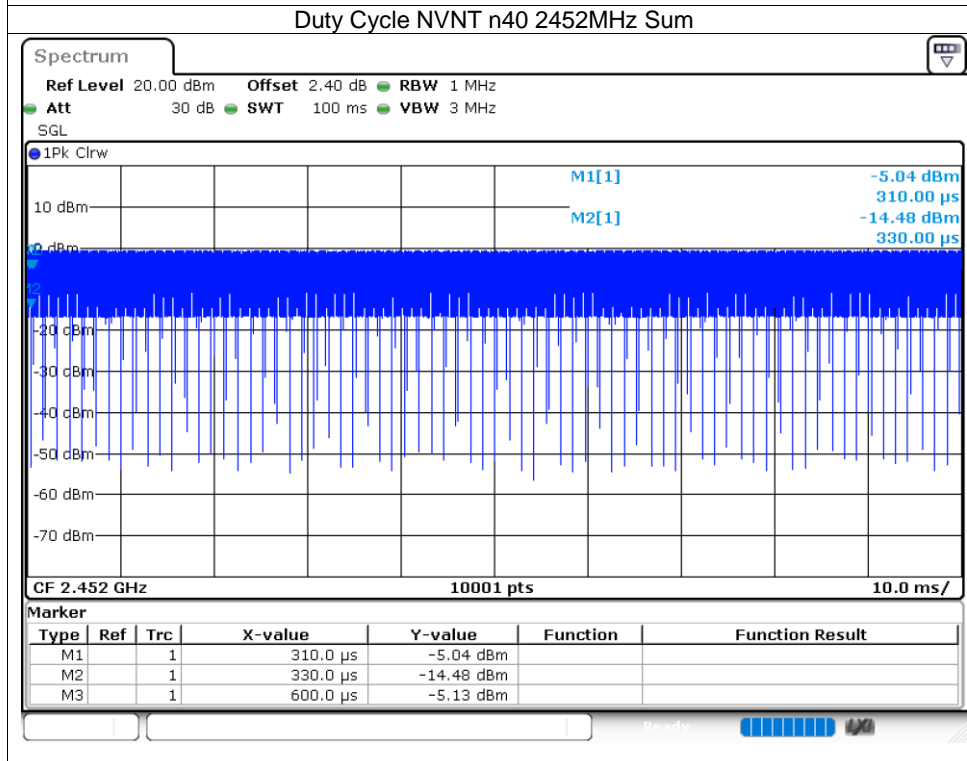
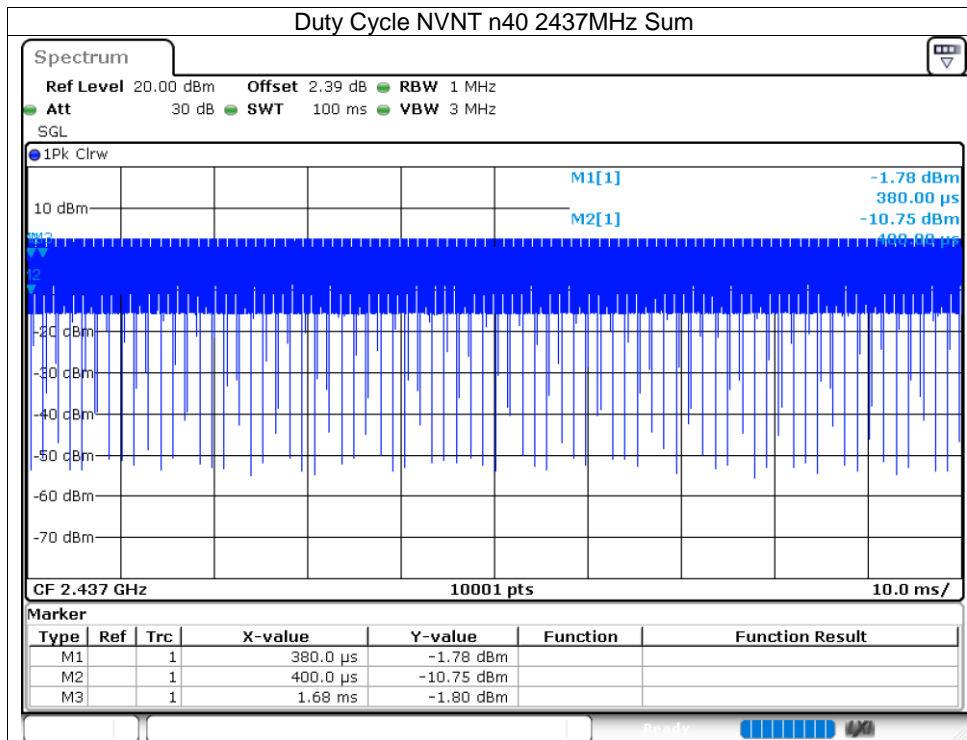












8.2.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	ax20	2412	Ant1	11.78	0	11.78	30	Pass
NVNT	ax20	2412	Ant2	9.99	0	9.99	30	Pass
NVNT	ax20	2412	Sum	13.99	0	13.99	30	Pass
NVNT	ax20	2437	Ant1	12.08	0	12.08	30	Pass
NVNT	ax20	2437	Ant2	9.79	0	9.79	30	Pass
NVNT	ax20	2437	Sum	14.09	0	14.09	30	Pass
NVNT	ax20	2462	Ant1	10.19	0	10.19	30	Pass
NVNT	ax20	2462	Ant2	10.74	0	10.74	30	Pass
NVNT	ax20	2462	Sum	13.48	0	13.48	30	Pass
NVNT	ax40	2422	Ant1	12.23	0	12.23	30	Pass
NVNT	ax40	2422	Ant2	10.39	0	10.39	30	Pass
NVNT	ax40	2422	Sum	14.42	0	14.42	30	Pass
NVNT	ax40	2437	Ant1	11.8	0	11.8	30	Pass
NVNT	ax40	2437	Ant2	10.04	0	10.04	30	Pass
NVNT	ax40	2437	Sum	14.02	0	14.02	30	Pass
NVNT	ax40	2452	Ant1	12.72	0	12.72	30	Pass
NVNT	ax40	2452	Ant2	10.27	0	10.27	30	Pass
NVNT	ax40	2452	Sum	14.68	0	14.68	30	Pass
NVNT	n20	2412	Ant1	11.05	0	11.05	30	Pass
NVNT	n20	2412	Ant2	10.84	0	10.84	30	Pass
NVNT	n20	2412	Sum	13.96	0	13.96	30	Pass
NVNT	n20	2437	Ant1	12.63	0	12.63	30	Pass
NVNT	n20	2437	Ant2	10.06	0	10.06	30	Pass
NVNT	n20	2437	Sum	14.54	0	14.54	30	Pass
NVNT	n20	2462	Ant1	10.17	0	10.17	30	Pass
NVNT	n20	2462	Ant2	10.2	0	10.2	30	Pass
NVNT	n20	2462	Sum	13.2	0	13.2	30	Pass
NVNT	n40	2422	Ant1	12.17	0	12.17	30	Pass
NVNT	n40	2422	Ant2	10.29	0	10.29	30	Pass
NVNT	n40	2422	Sum	14.34	0	14.34	30	Pass
NVNT	n40	2437	Ant1	12.24	0	12.24	30	Pass
NVNT	n40	2437	Ant2	10.3	0	10.3	30	Pass
NVNT	n40	2437	Sum	14.39	0	14.39	30	Pass
NVNT	n40	2452	Ant1	12.61	0	12.61	30	Pass
NVNT	n40	2452	Ant2	10.31	0	10.31	30	Pass
NVNT	n40	2452	Sum	14.62	0	14.62	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	15.687	0.5	Pass
NVNT	ax20	2412	Ant2	18.123	0.5	Pass
NVNT	ax20	2437	Ant1	15.621	0.5	Pass
NVNT	ax20	2437	Ant2	18.078	0.5	Pass
NVNT	ax20	2462	Ant1	17.787	0.5	Pass
NVNT	ax20	2462	Ant2	17.715	0.5	Pass
NVNT	ax40	2422	Ant1	27.732	0.5	Pass
NVNT	ax40	2422	Ant2	37.8	0.5	Pass
NVNT	ax40	2437	Ant1	27.546	0.5	Pass
NVNT	ax40	2437	Ant2	37.644	0.5	Pass
NVNT	ax40	2452	Ant1	16.554	0.5	Pass
NVNT	ax40	2452	Ant2	37.74	0.5	Pass
NVNT	n20	2412	Ant1	16.914	0.5	Pass
NVNT	n20	2412	Ant2	15.099	0.5	Pass
NVNT	n20	2437	Ant1	16.29	0.5	Pass
NVNT	n20	2437	Ant2	16.902	0.5	Pass
NVNT	n20	2462	Ant1	17.544	0.5	Pass
NVNT	n20	2462	Ant2	17.529	0.5	Pass
NVNT	n40	2422	Ant1	26.904	0.5	Pass
NVNT	n40	2422	Ant2	35.7	0.5	Pass
NVNT	n40	2437	Ant1	26.34	0.5	Pass
NVNT	n40	2437	Ant2	35.484	0.5	Pass
NVNT	n40	2452	Ant1	15.678	0.5	Pass
NVNT	n40	2452	Ant2	35.688	0.5	Pass

