

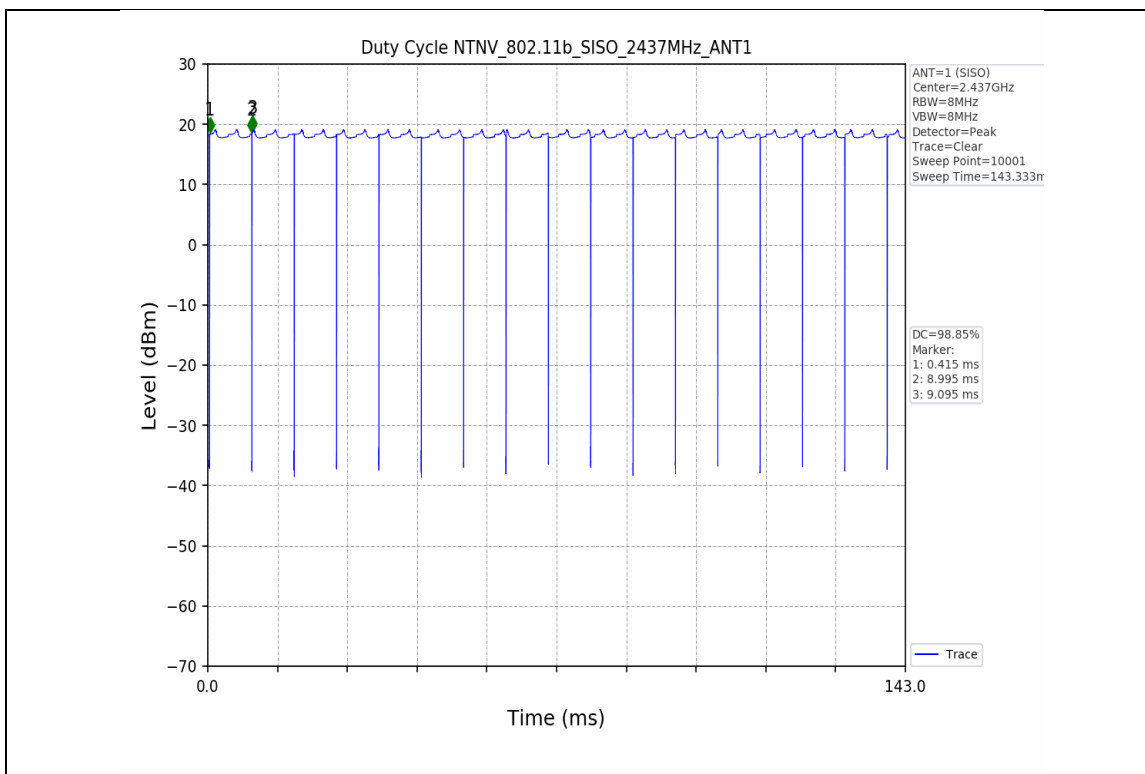
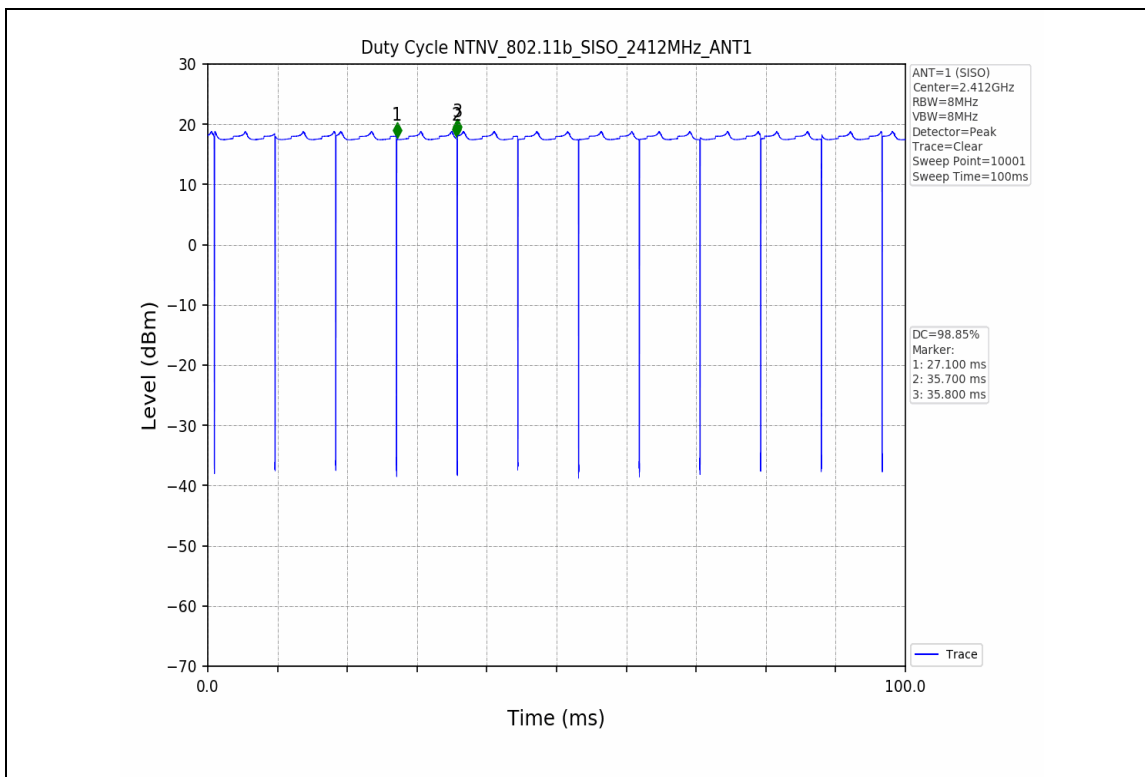
Appendix for 15.247

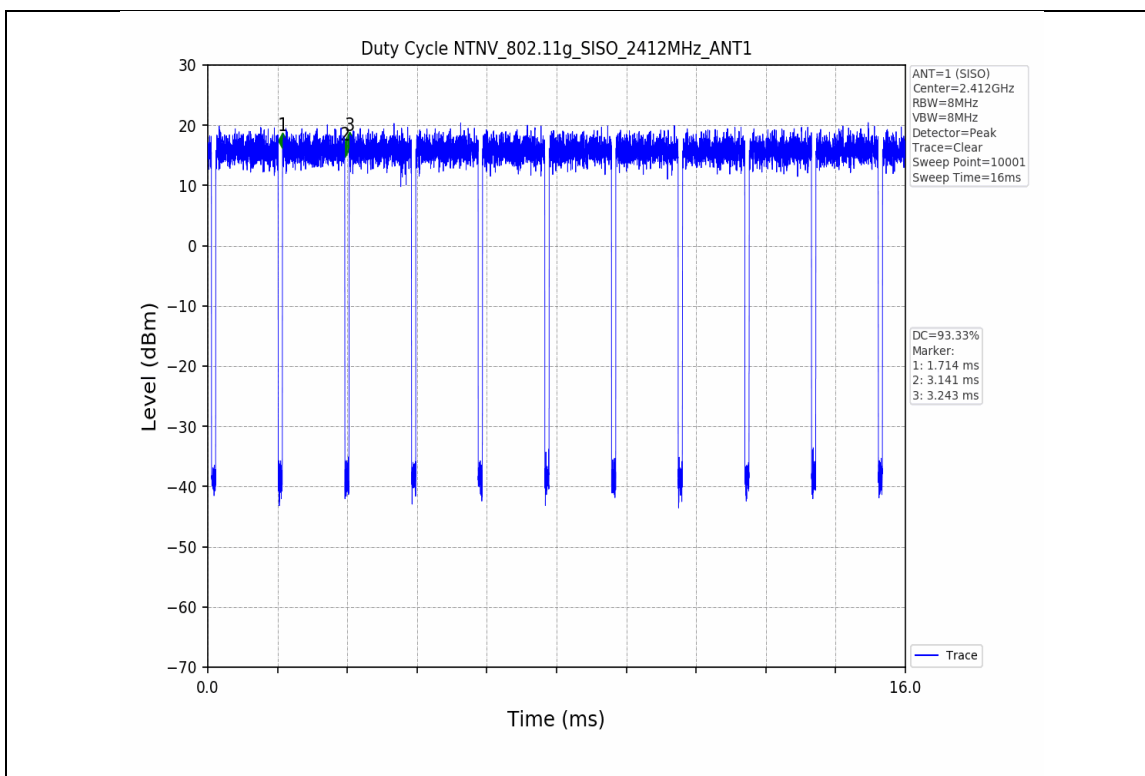
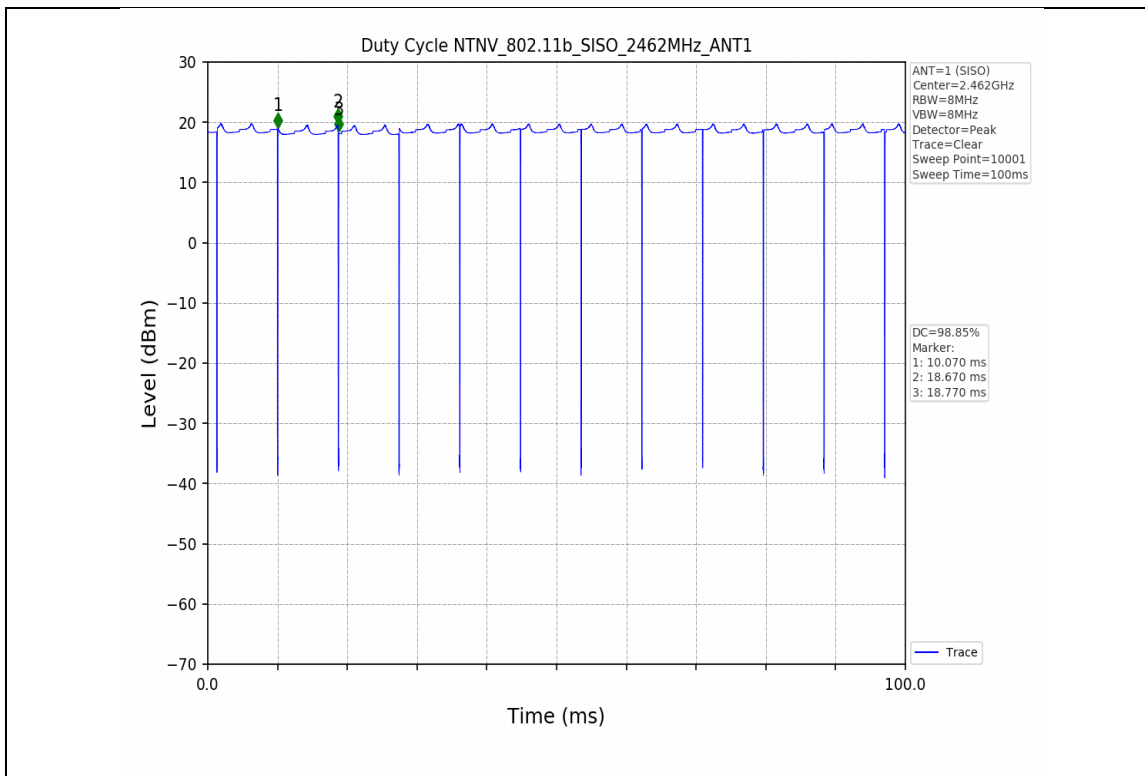
1. Duty Cycle

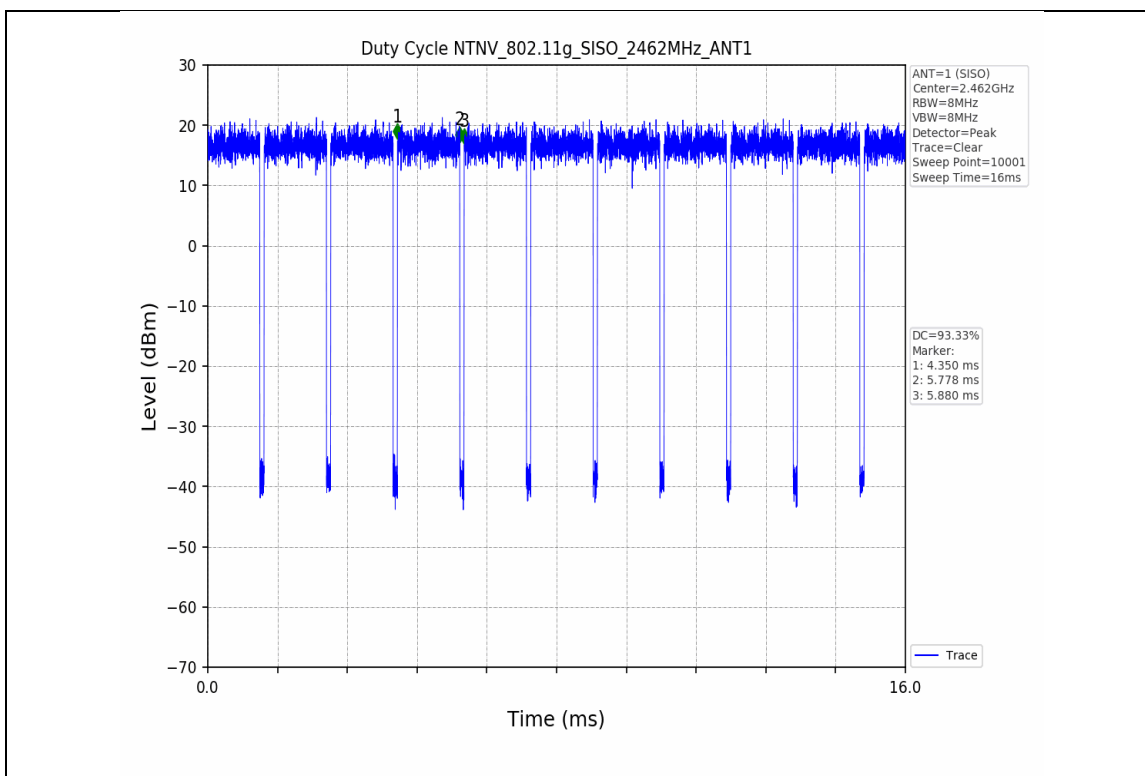
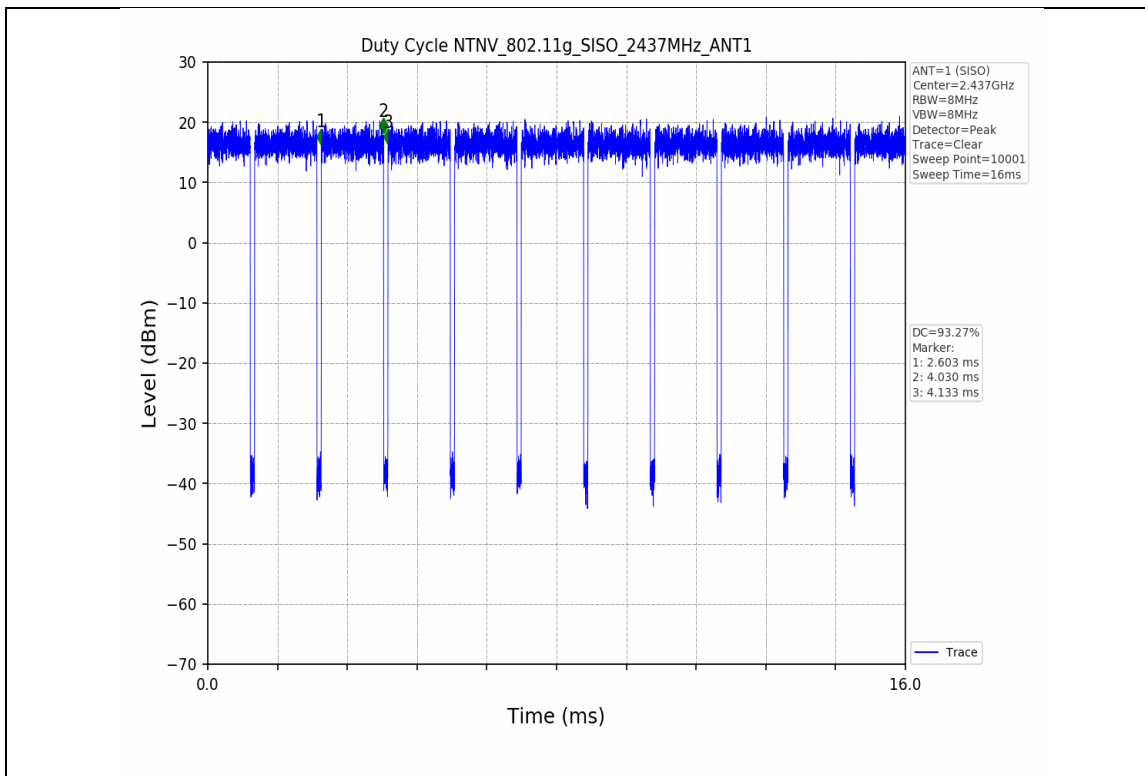
1.1 Test Result

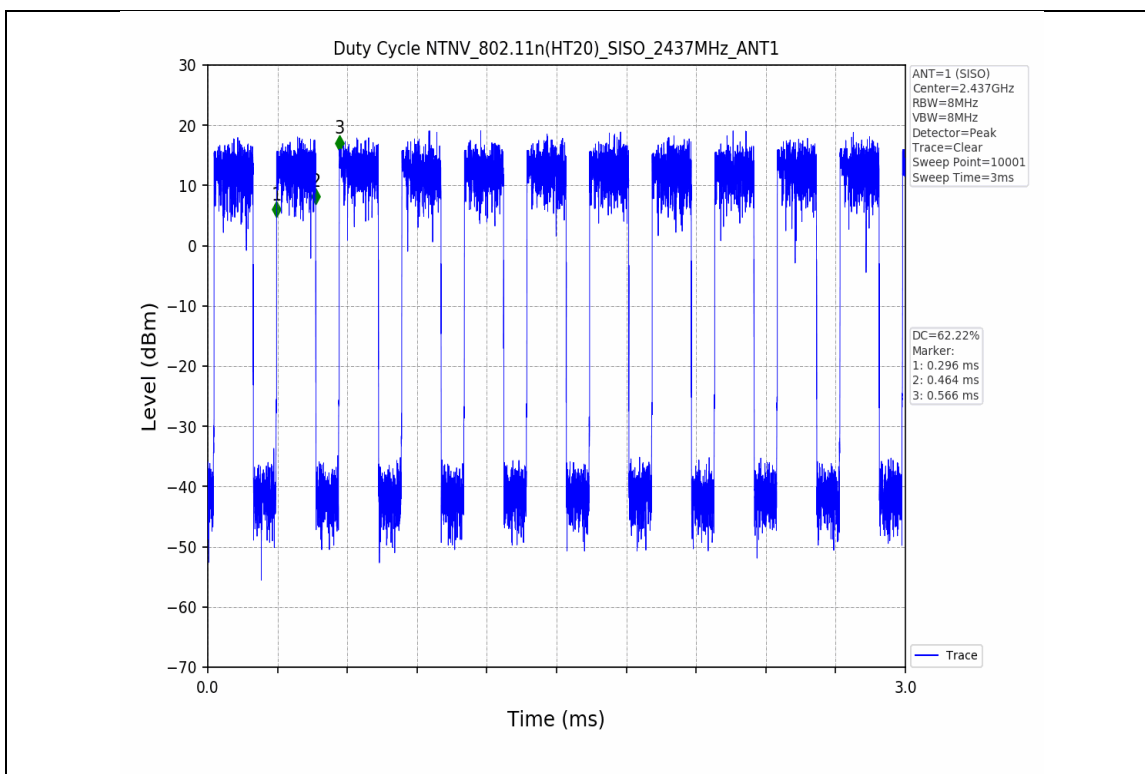
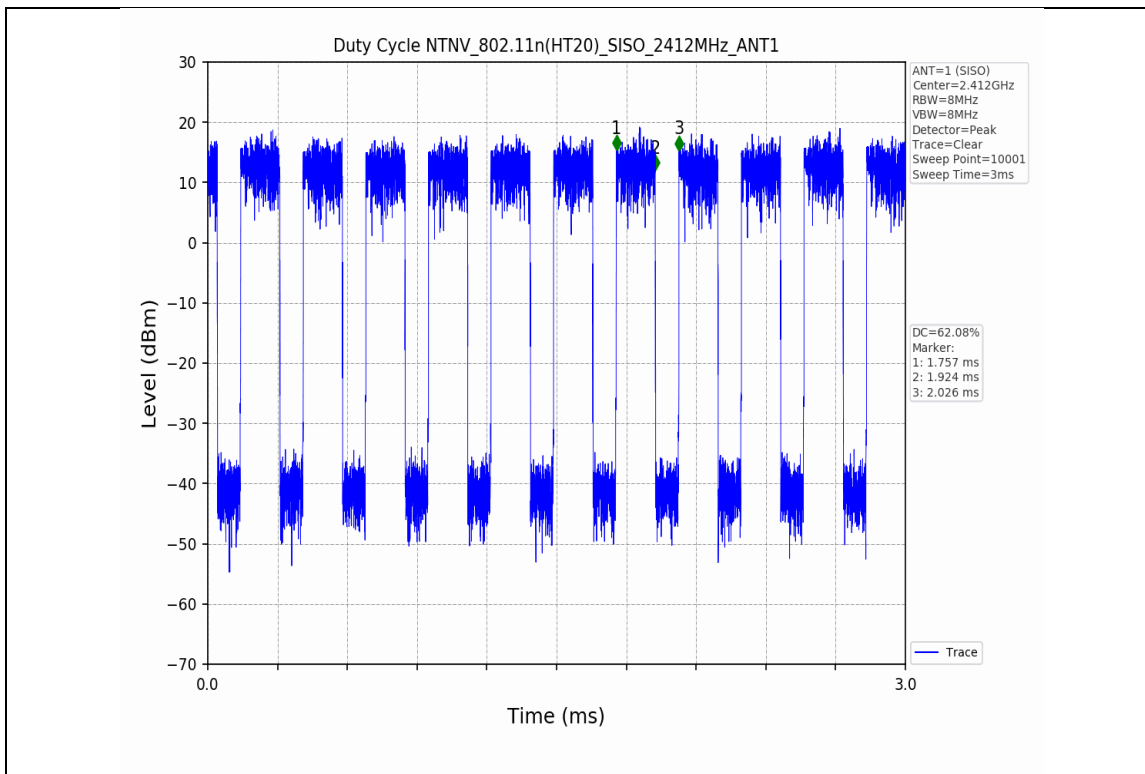
Test Mode	Channel Frequency(M Hz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11b	2412	SISO	1	8.600	8.700	98.85	0.05
	2437	SISO	1	8.580	8.680	98.85	0.05
	2462	SISO	1	8.600	8.700	98.85	0.05
802.11g	2412	SISO	1	1.427	1.529	93.33	0.30
	2437	SISO	1	1.427	1.530	93.27	0.30
	2462	SISO	1	1.428	1.530	93.33	0.30
802.11n(HT20)	2412	SISO	1	0.167	0.269	62.08	2.07
	2437	SISO	1	0.168	0.270	62.22	2.06
	2462	SISO	1	0.168	0.269	62.45	2.04
802.11n(HT40)	2422	SISO	1	0.647	0.688	94.04	0.27
	2437	SISO	1	0.618	0.658	93.92	0.27
	2452	SISO	1	0.621	0.658	94.38	0.25

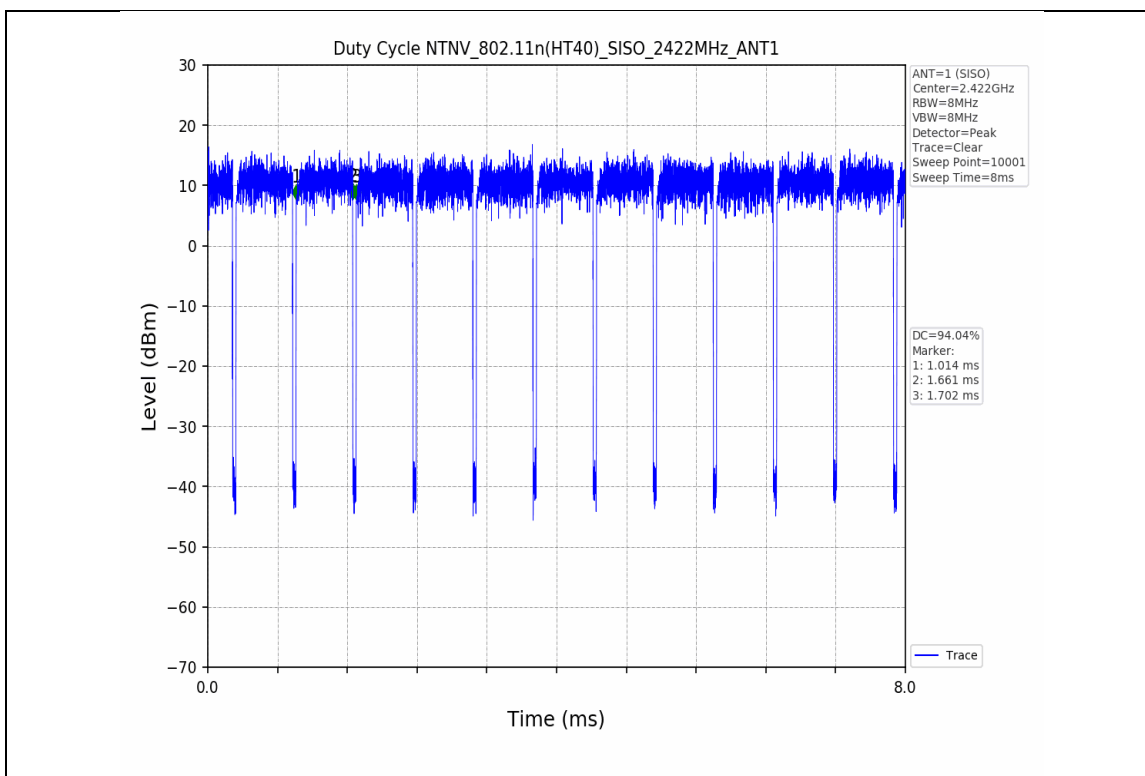
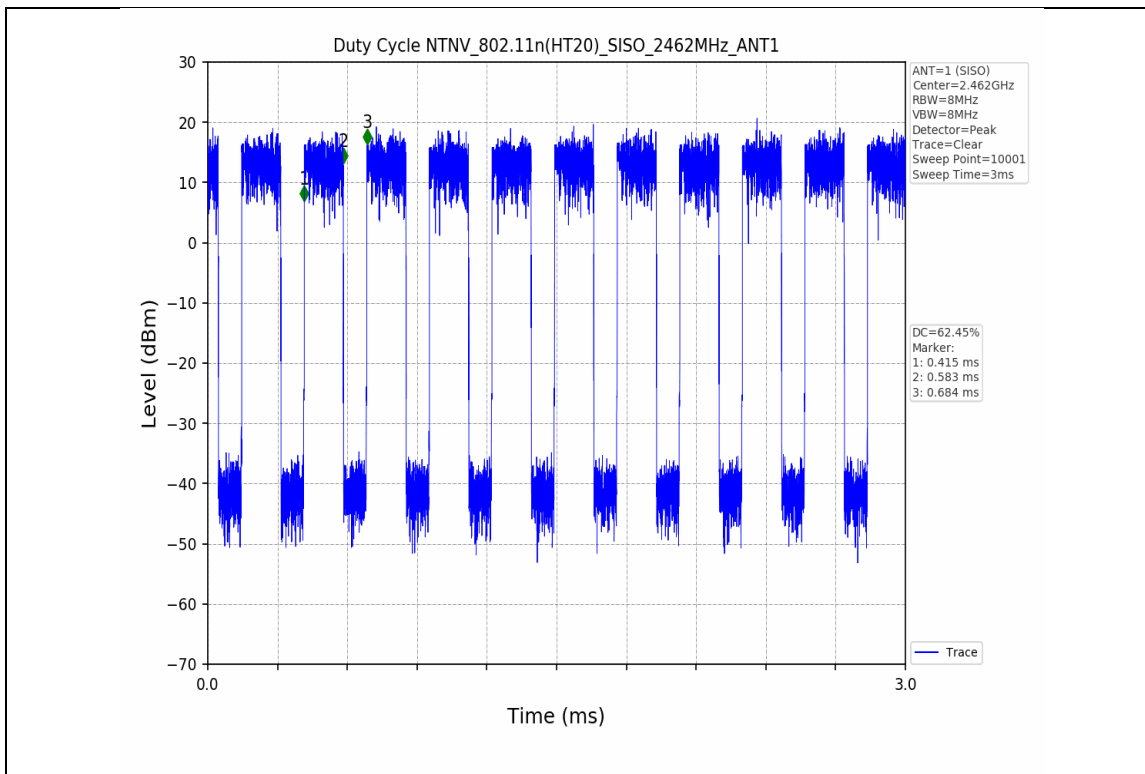
1.2 Test Graph

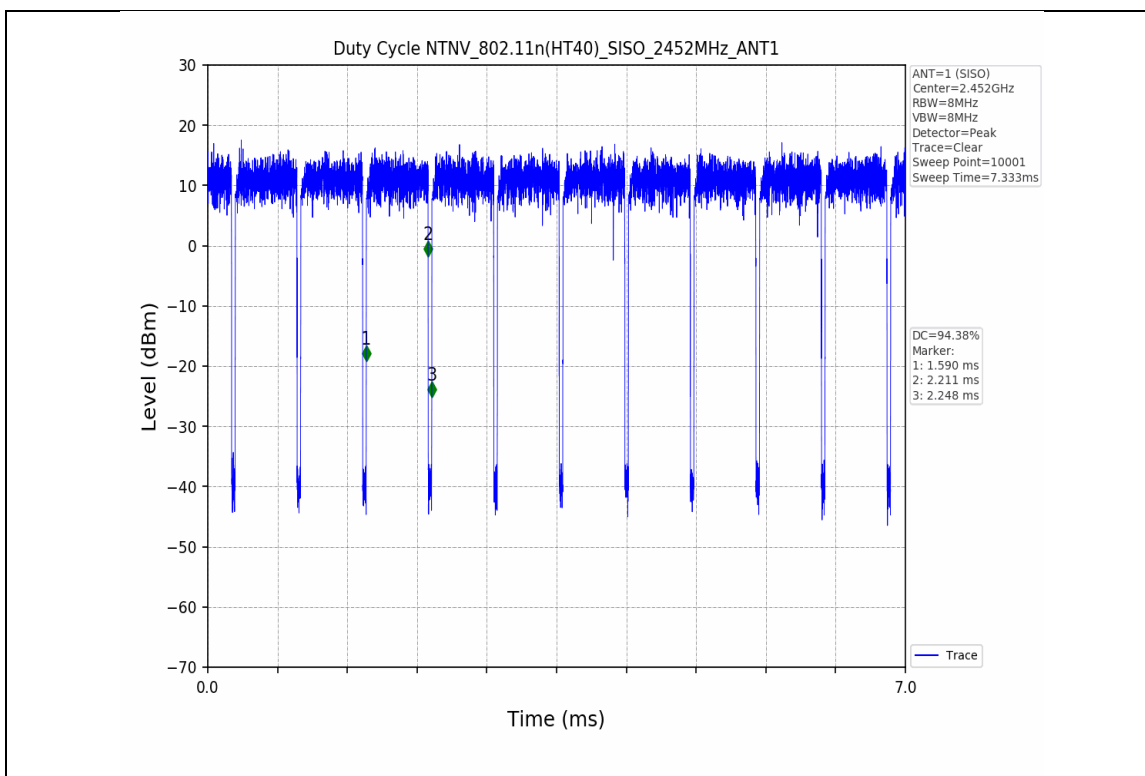
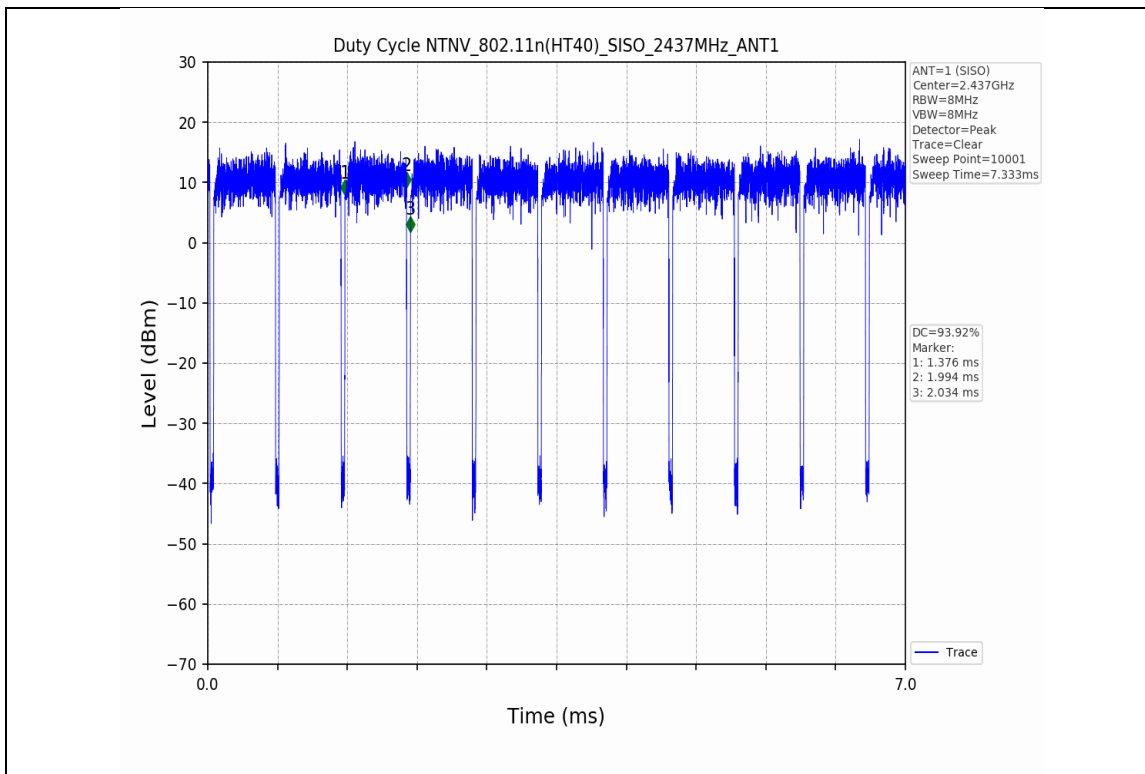












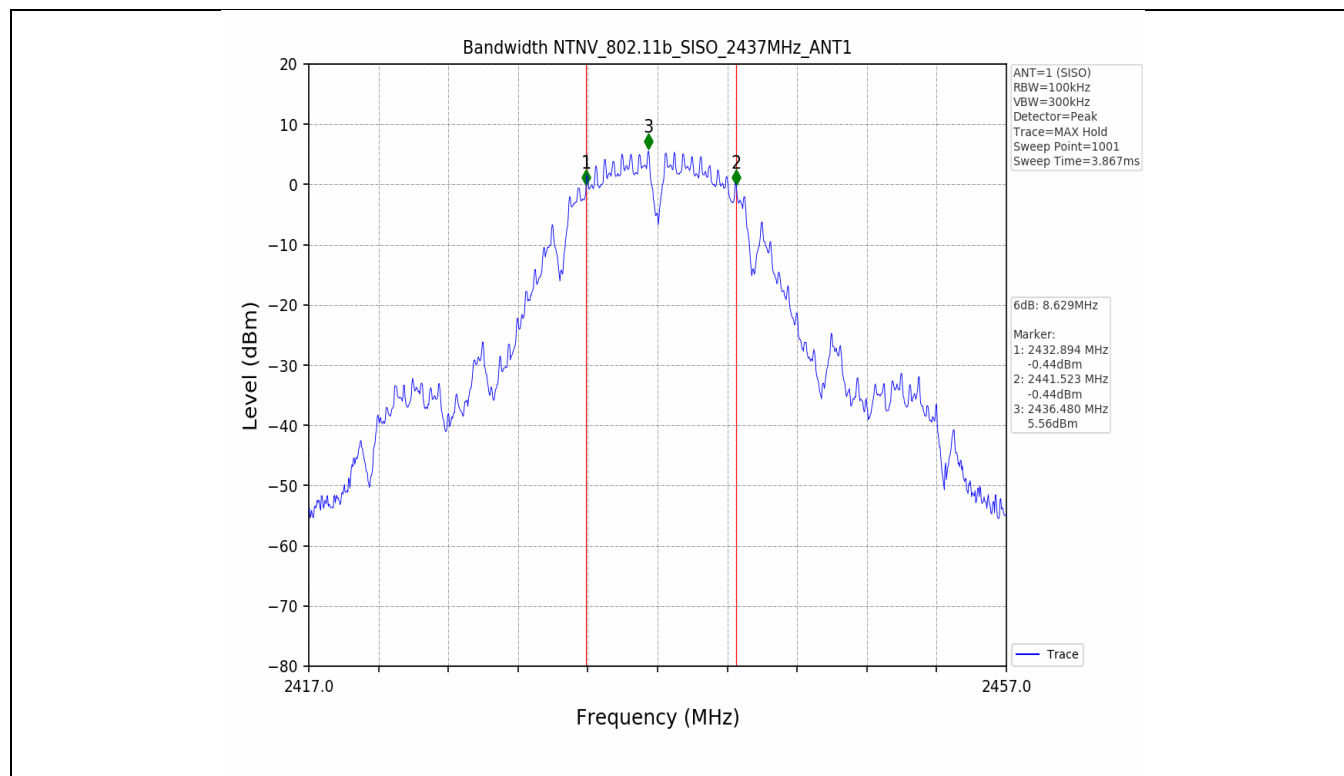
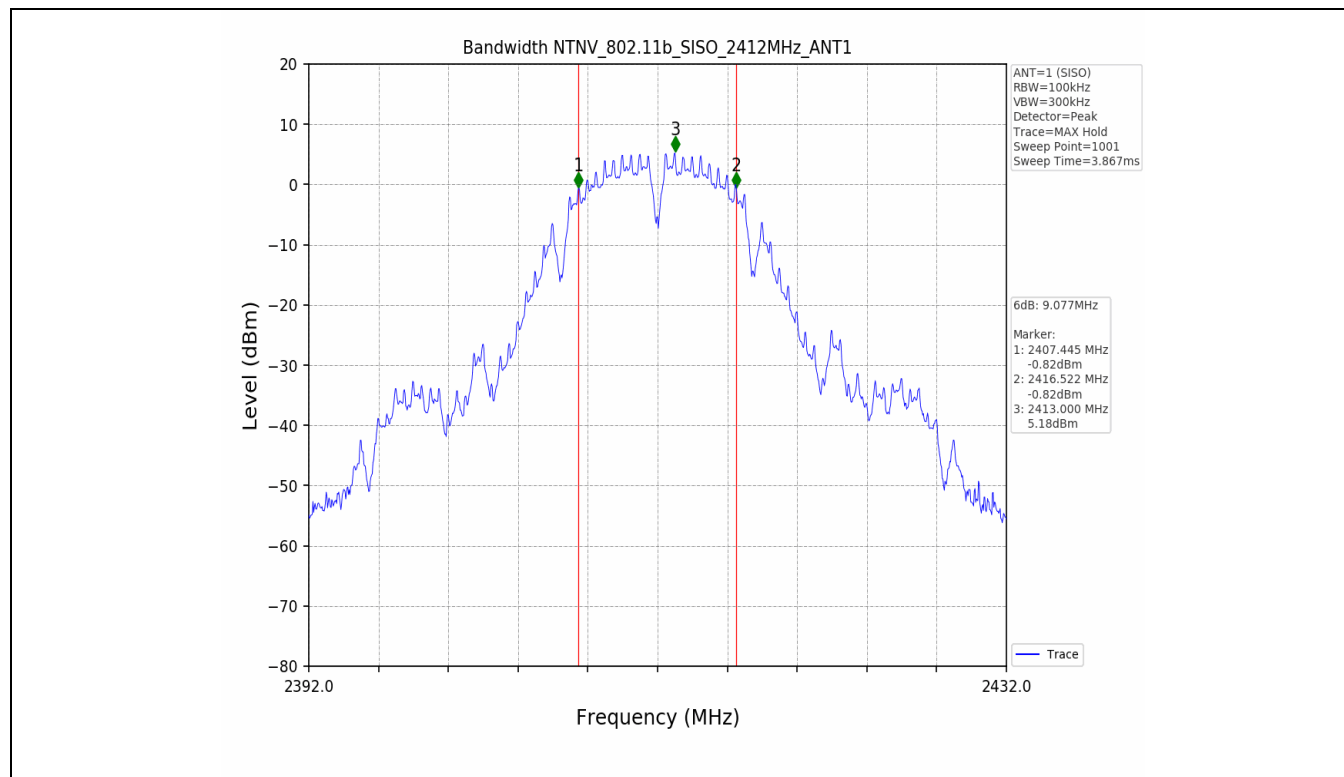
2. Bandwidth

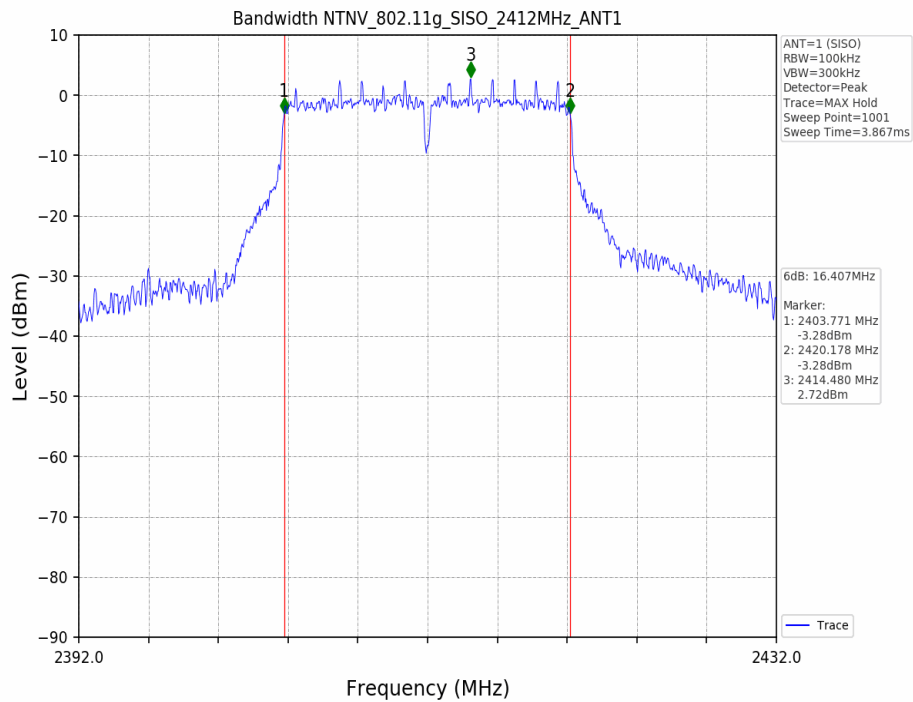
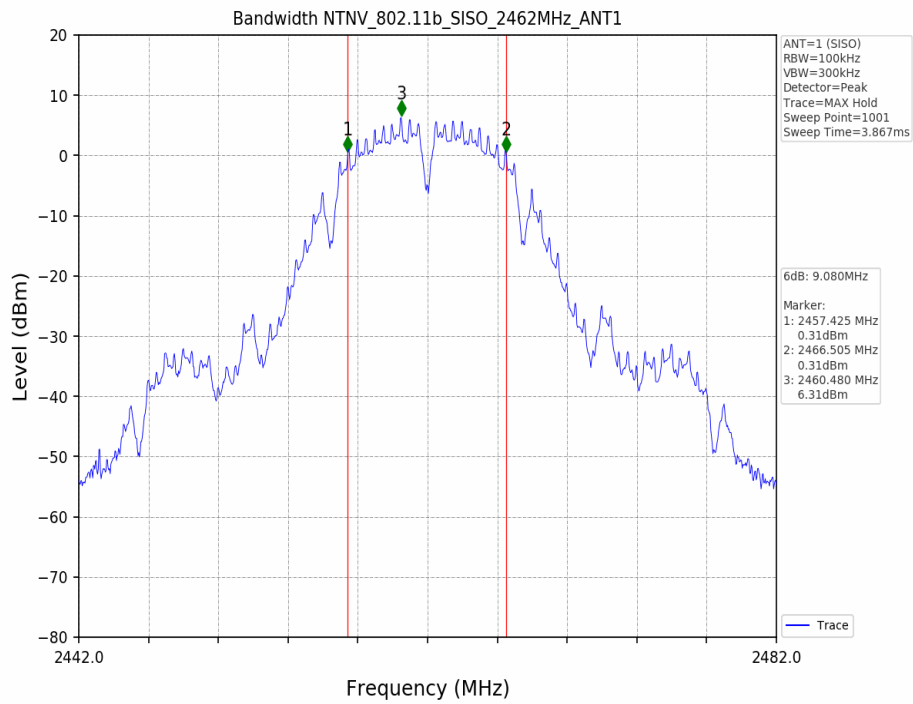
2.1 Test Result

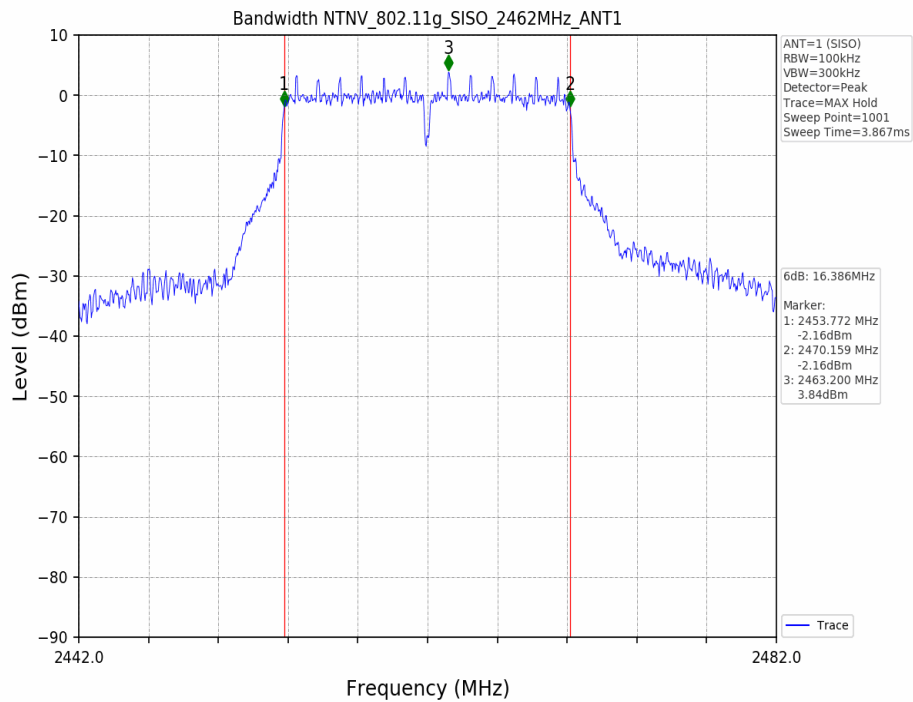
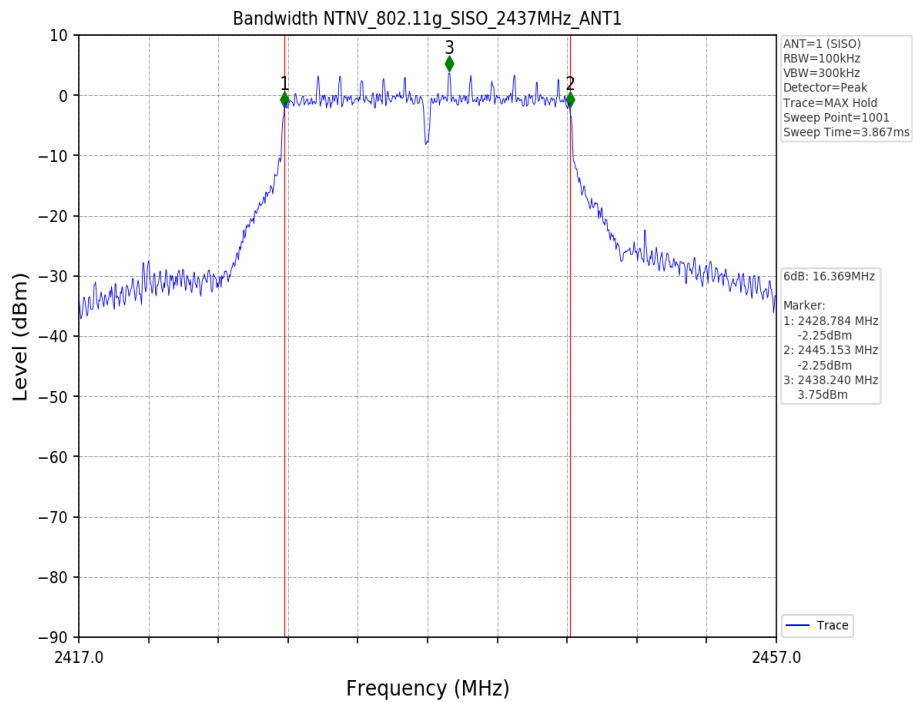
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11b	2412	SISO	1	9.077	≥0.5	PASS
	2437	SISO	1	8.629	≥0.5	PASS
	2462	SISO	1	9.080	≥0.5	PASS
802.11g	2412	SISO	1	16.407	≥0.5	PASS
	2437	SISO	1	16.369	≥0.5	PASS
	2462	SISO	1	16.386	≥0.5	PASS
802.11n(HT20)	2412	SISO	1	17.729	≥0.5	PASS
	2437	SISO	1	17.725	≥0.5	PASS
	2462	SISO	1	17.743	≥0.5	PASS
802.11n(HT40)	2422	SISO	1	36.376	≥0.5	PASS
	2437	SISO	1	36.417	≥0.5	PASS
	2452	SISO	1	36.349	≥0.5	PASS

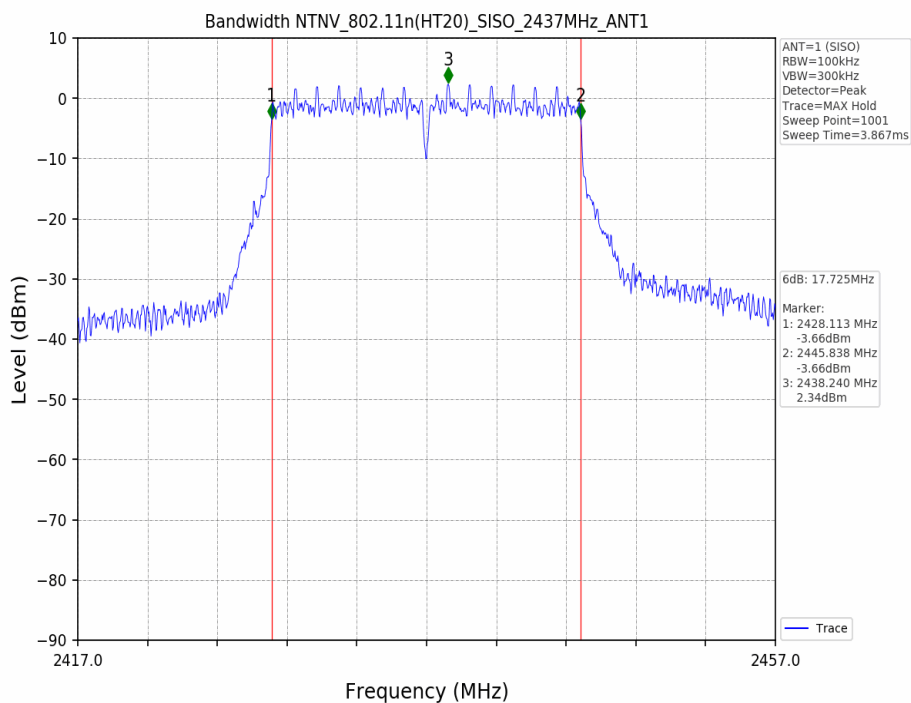
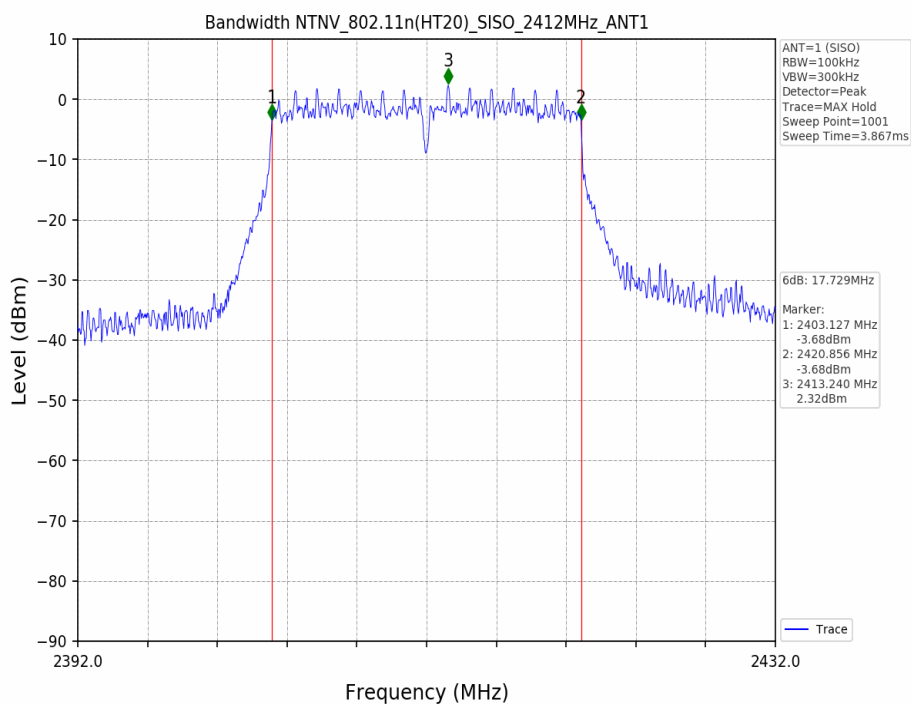
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	12.257	Only for Report Use
	2437	SISO	1	12.215	Only for Report Use
	2462	SISO	1	12.199	Only for Report Use
802.11g	2412	SISO	1	17.263	Only for Report Use
	2437	SISO	1	17.320	Only for Report Use
	2462	SISO	1	17.267	Only for Report Use
802.11n(HT20)	2412	SISO	1	18.042	Only for Report Use
	2437	SISO	1	18.056	Only for Report Use
	2462	SISO	1	18.035	Only for Report Use
802.11n(HT40)	2422	SISO	1	37.039	Only for Report Use
	2437	SISO	1	37.030	Only for Report Use
	2452	SISO	1	37.079	Only for Report Use

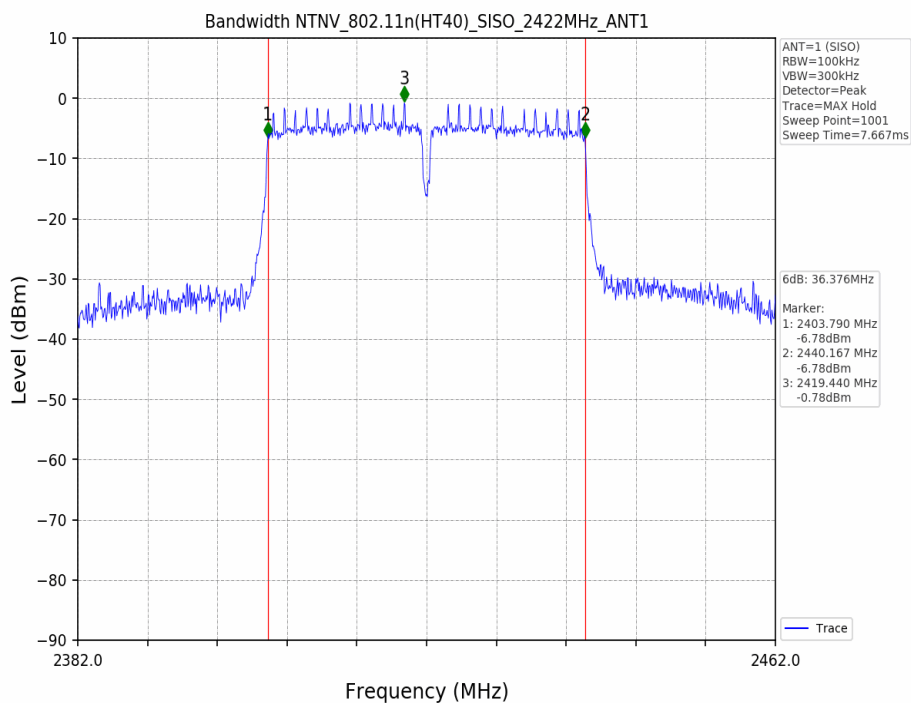
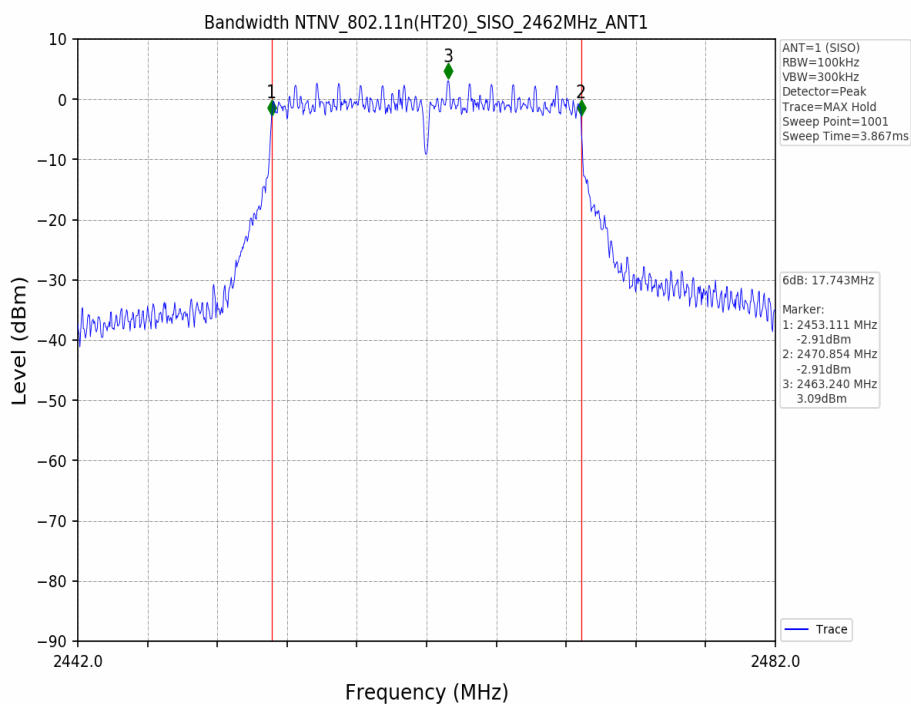
2.2 Test Graph - 6dB Bandwidth

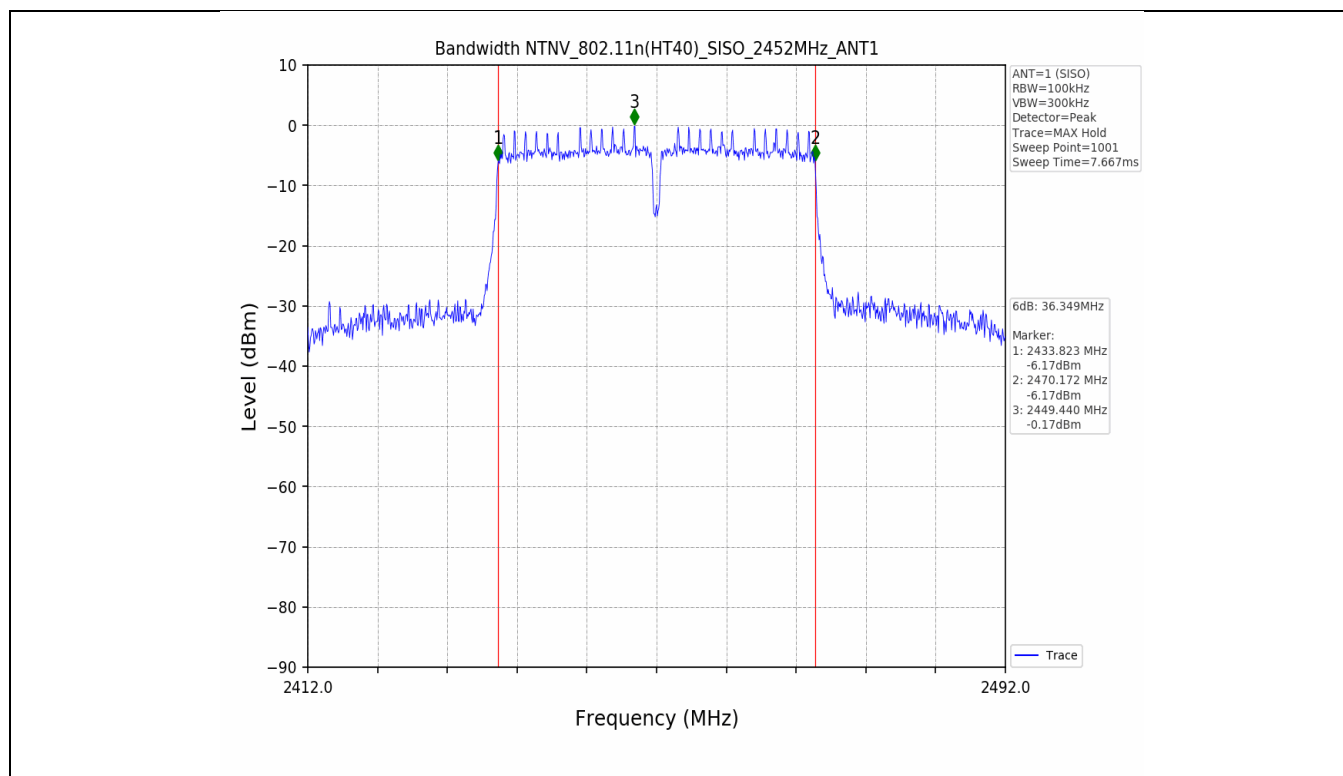
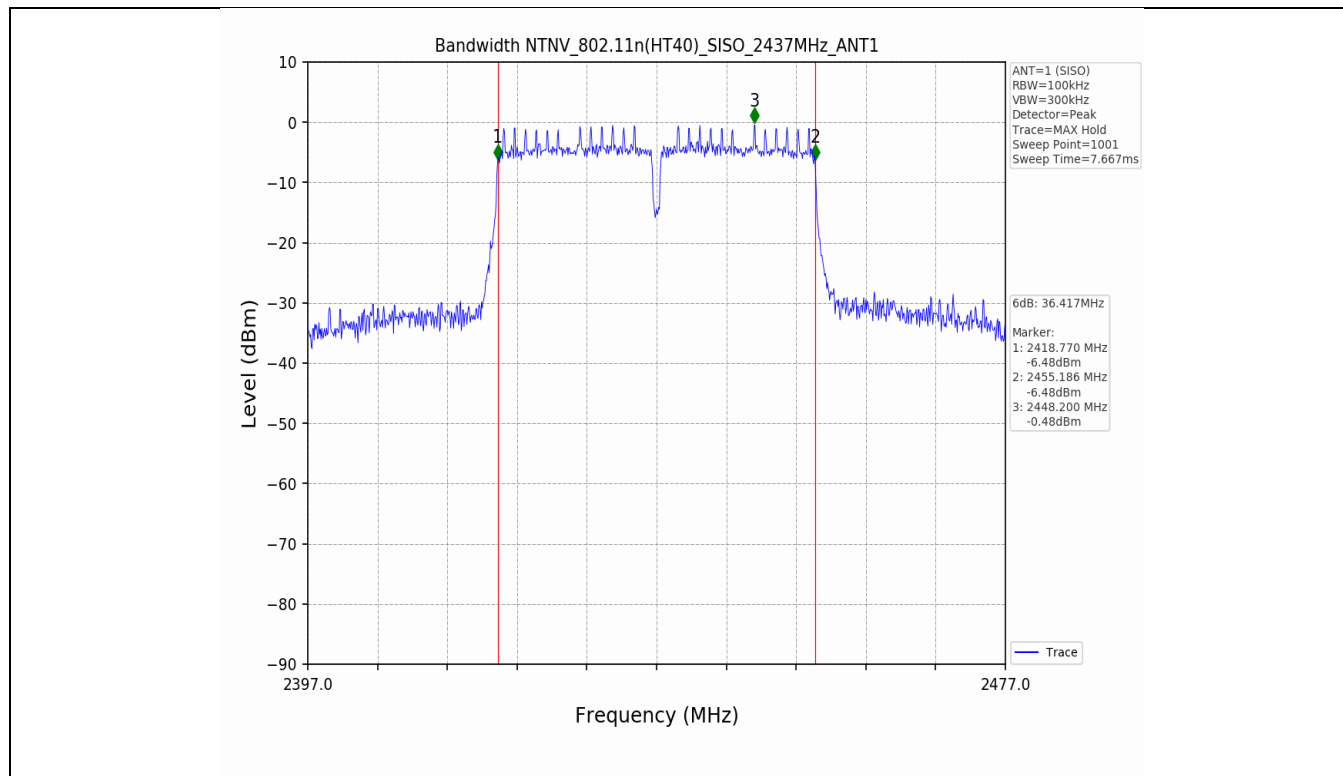




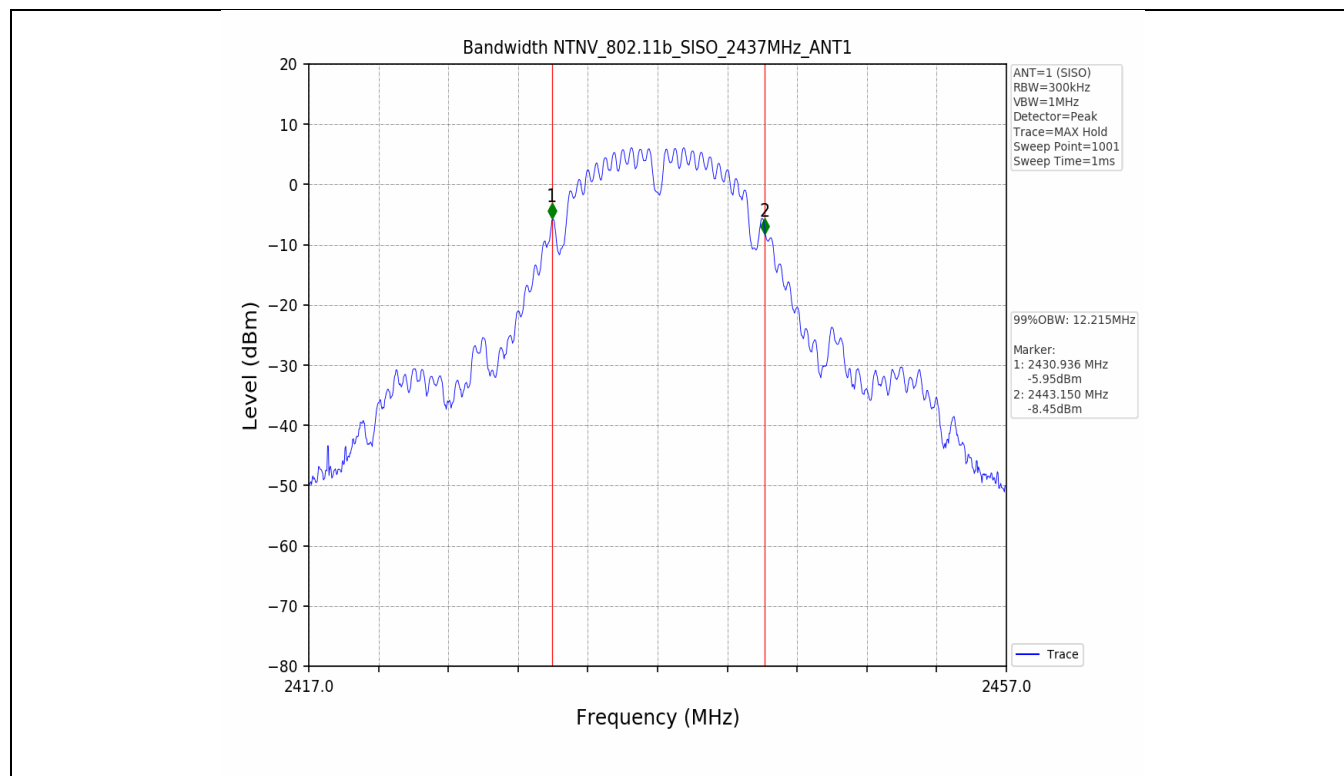
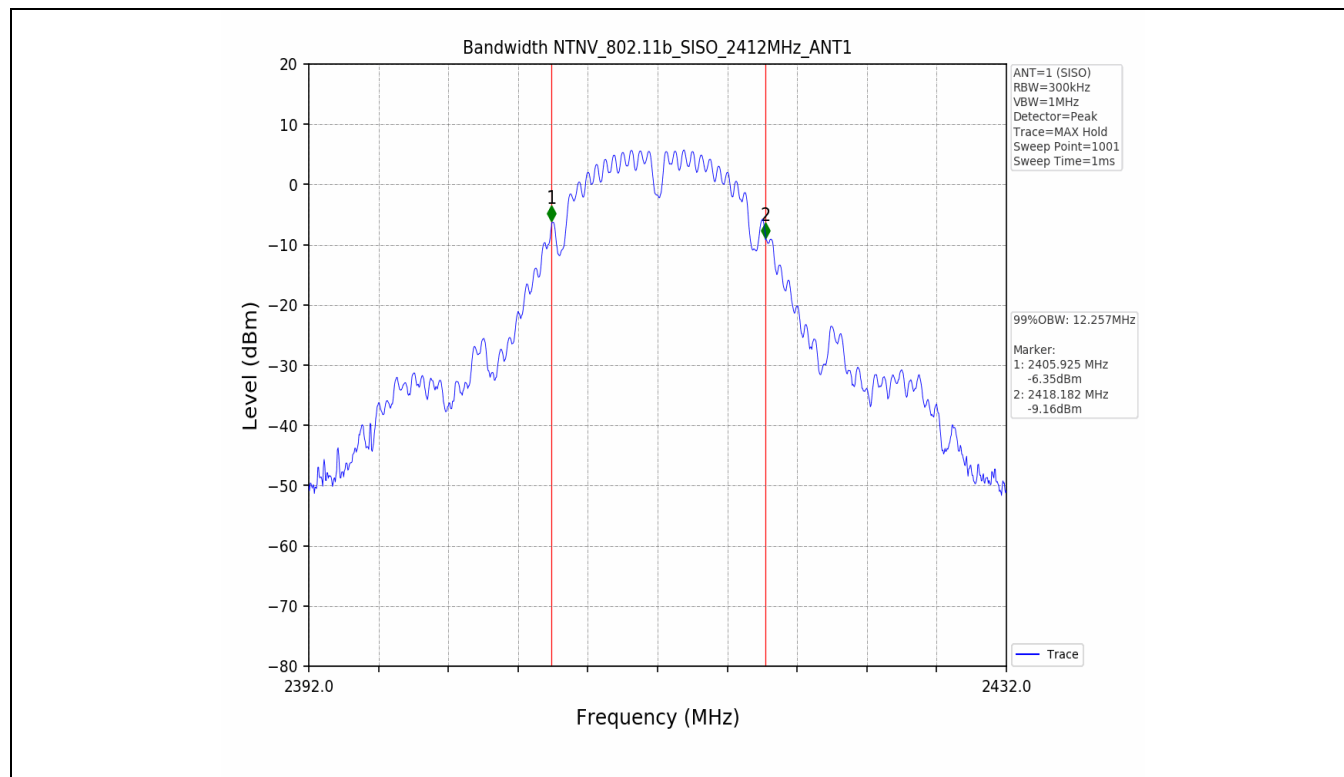


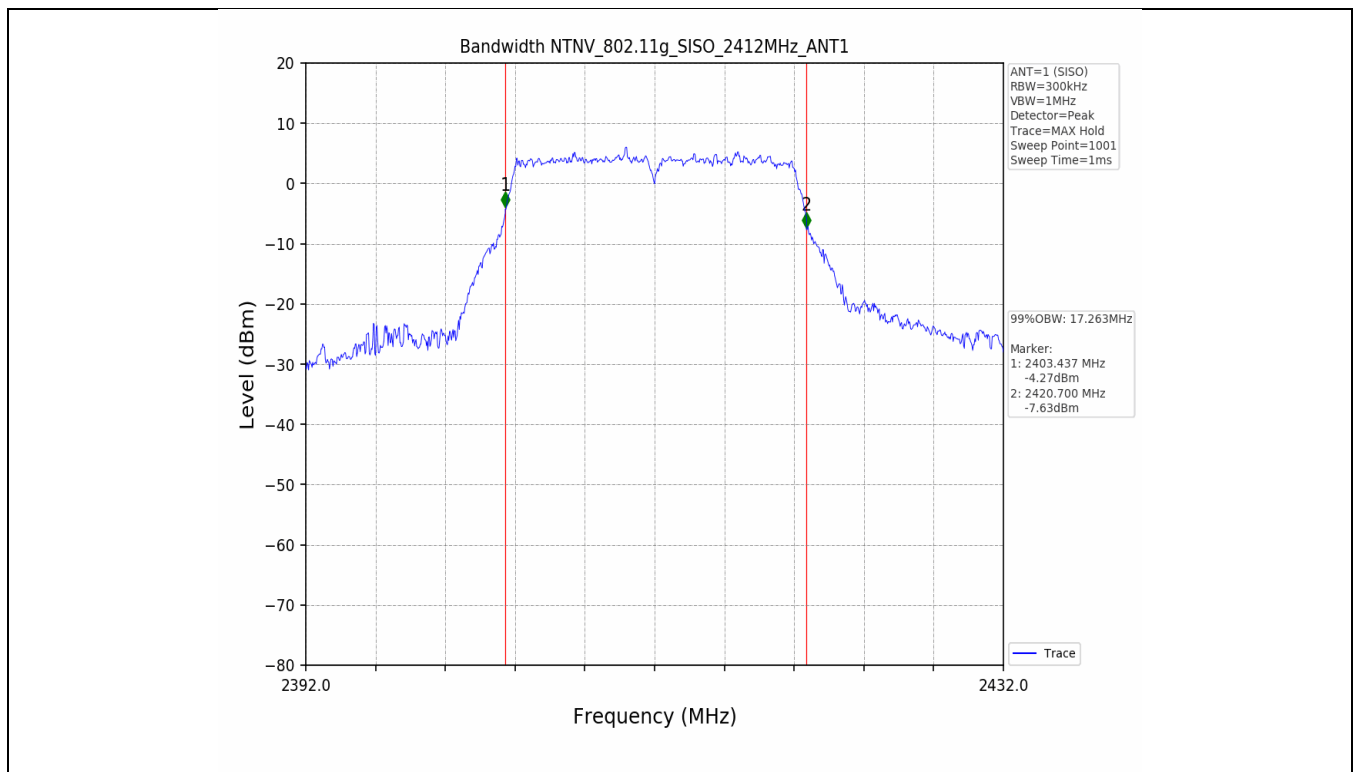
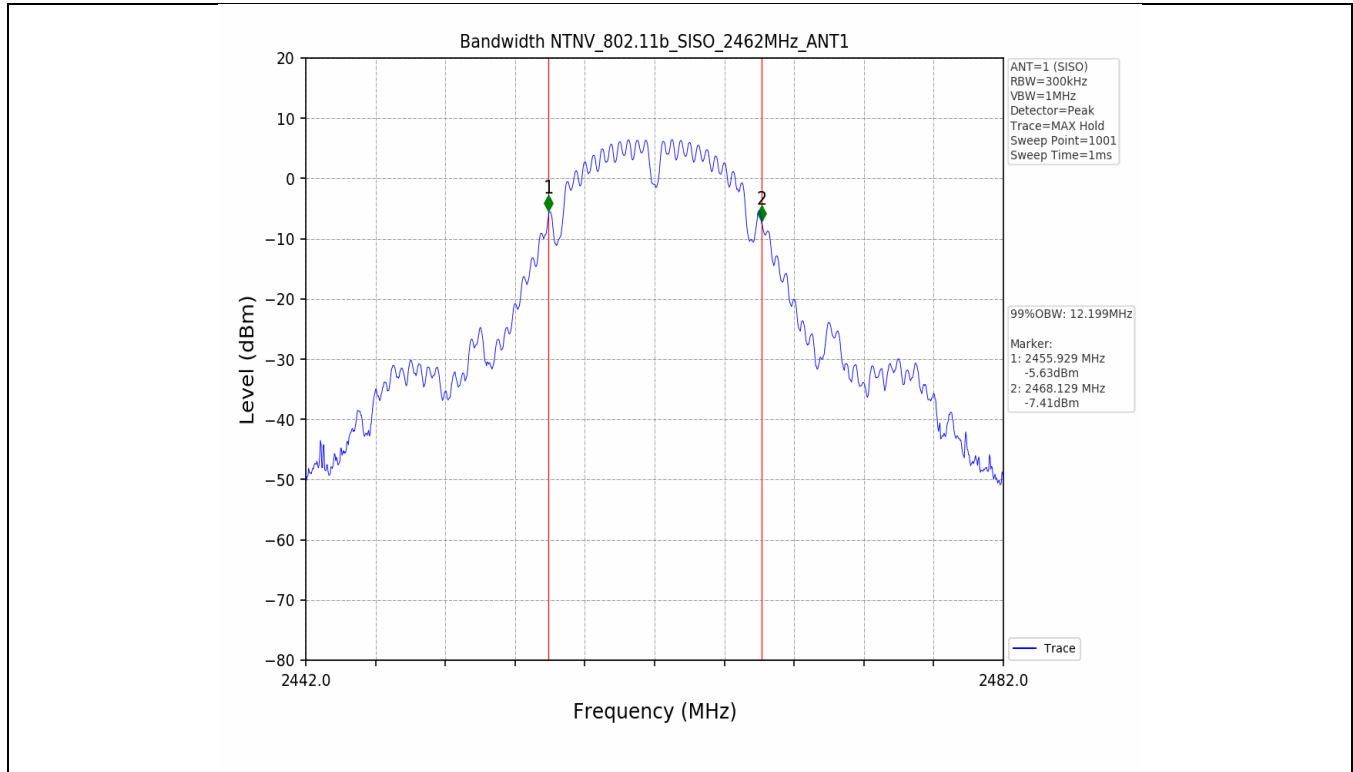


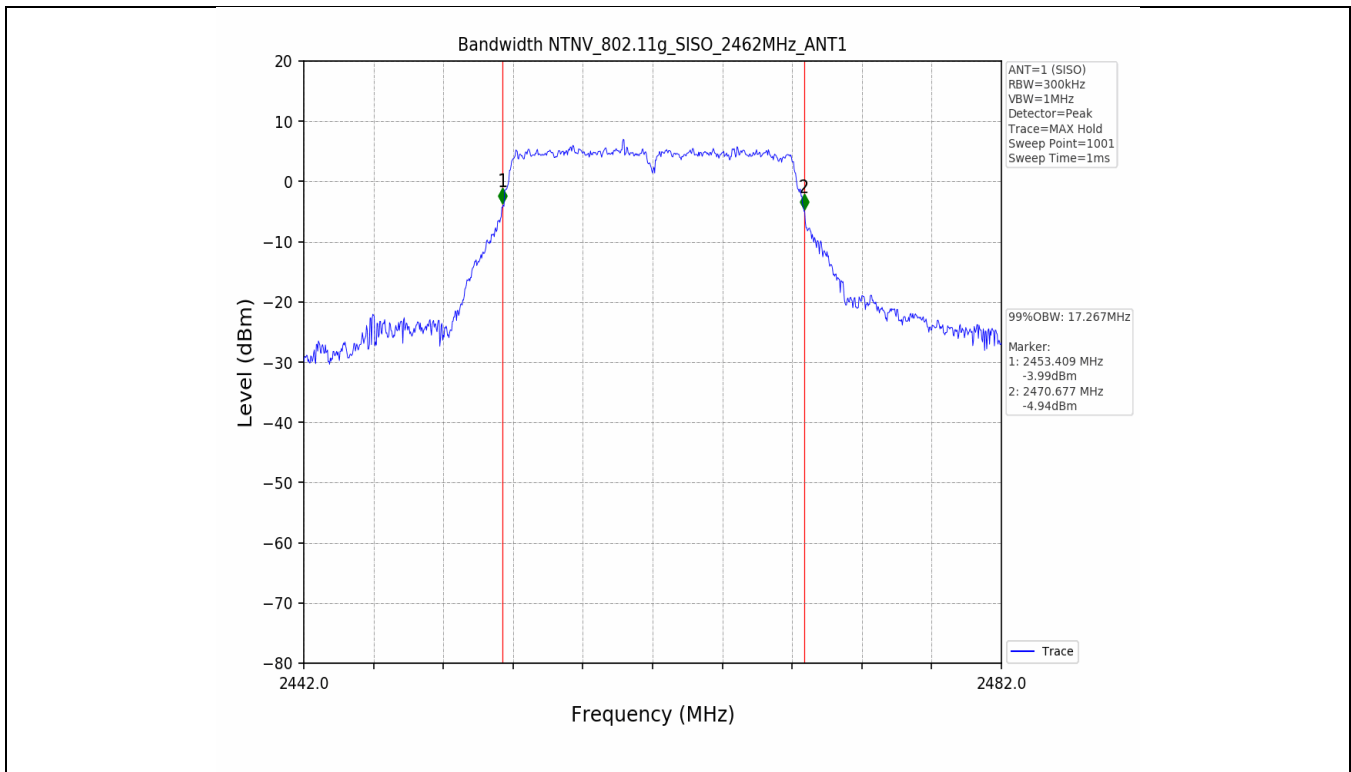
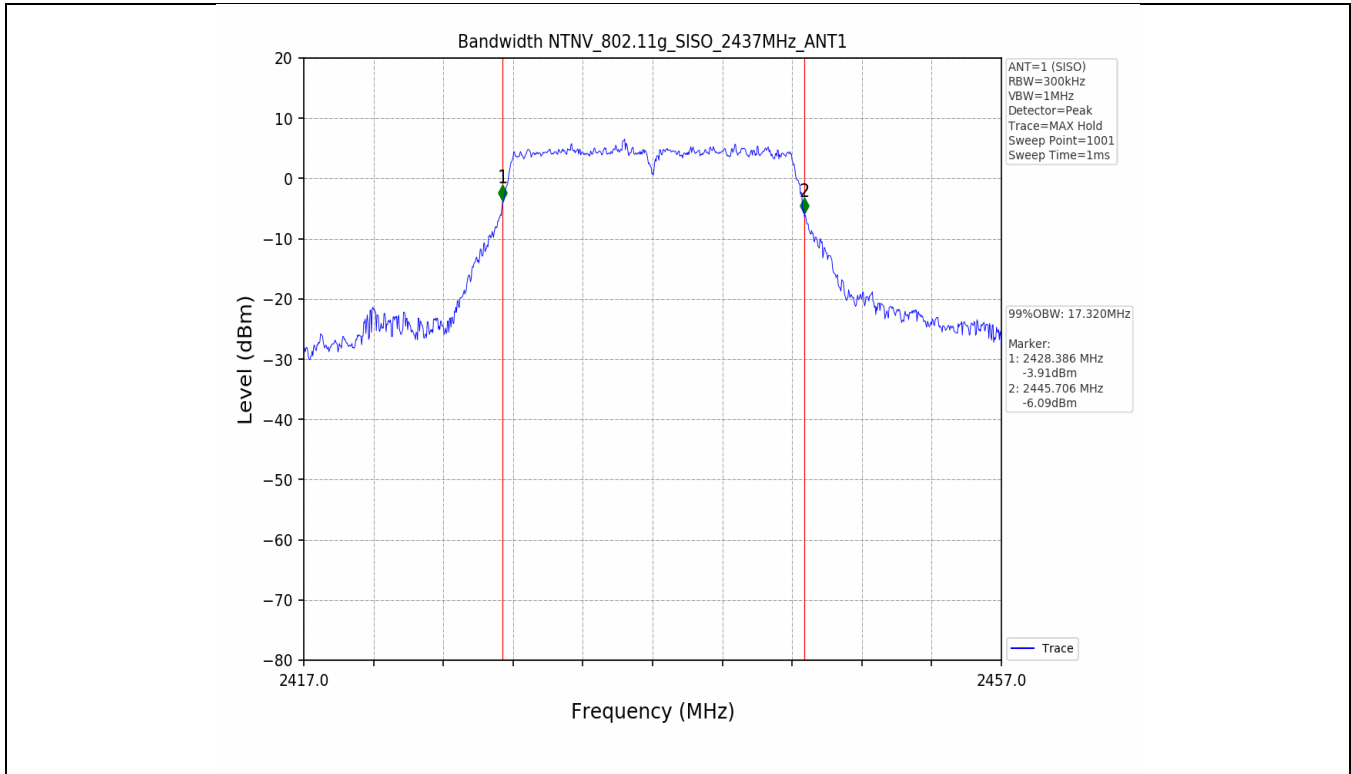


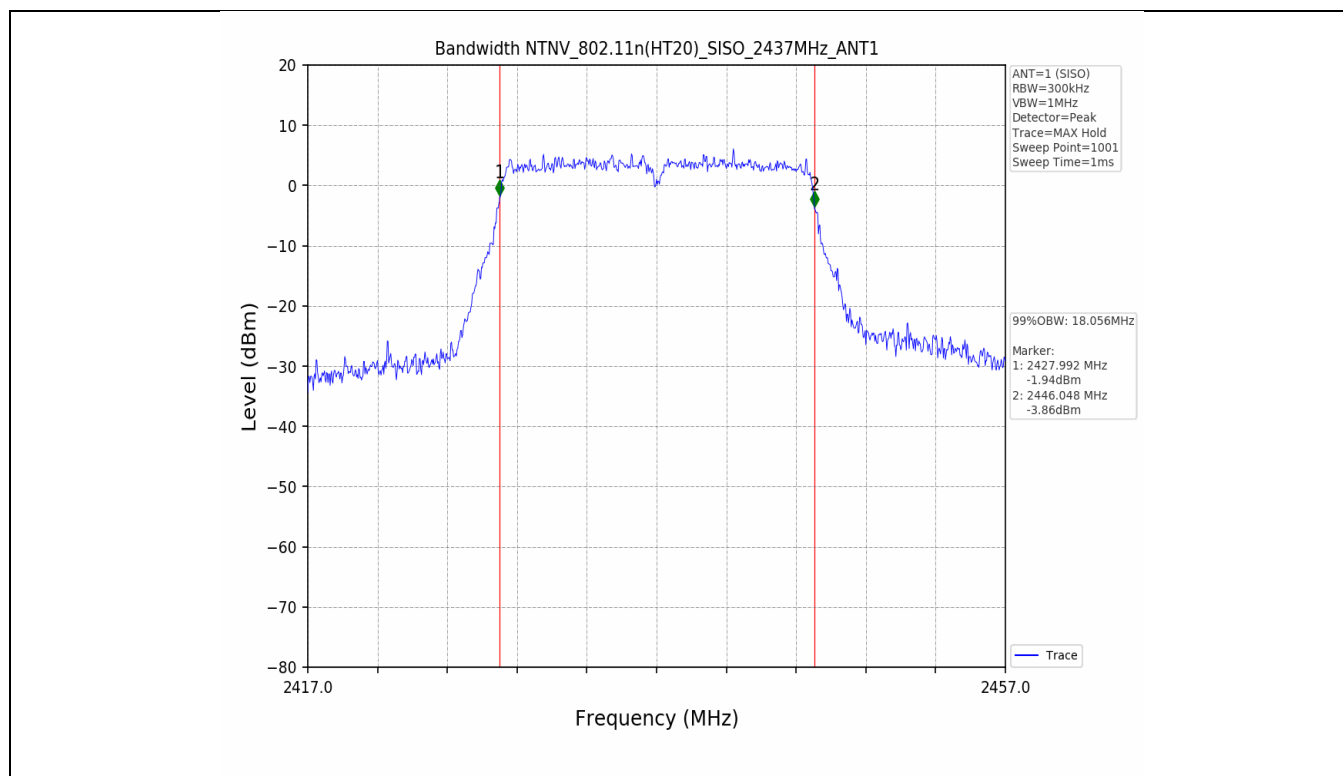
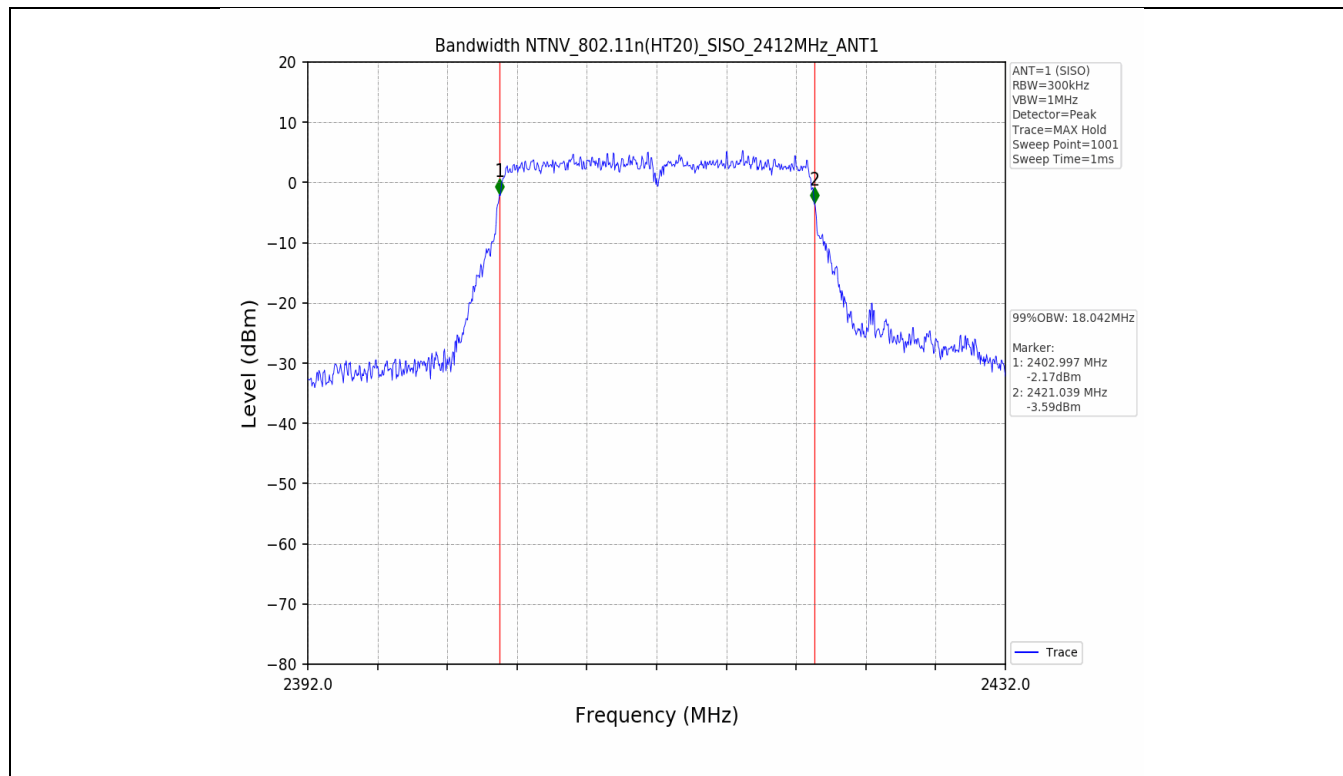


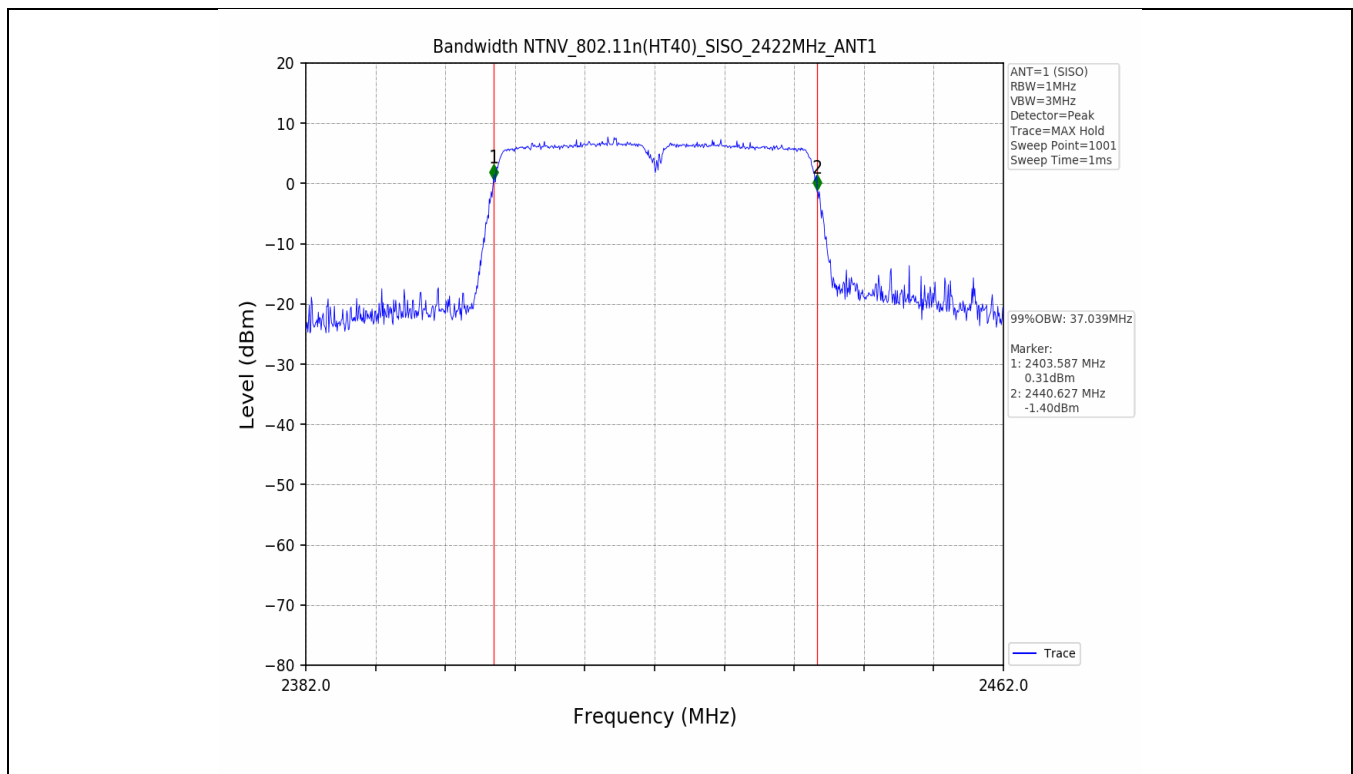
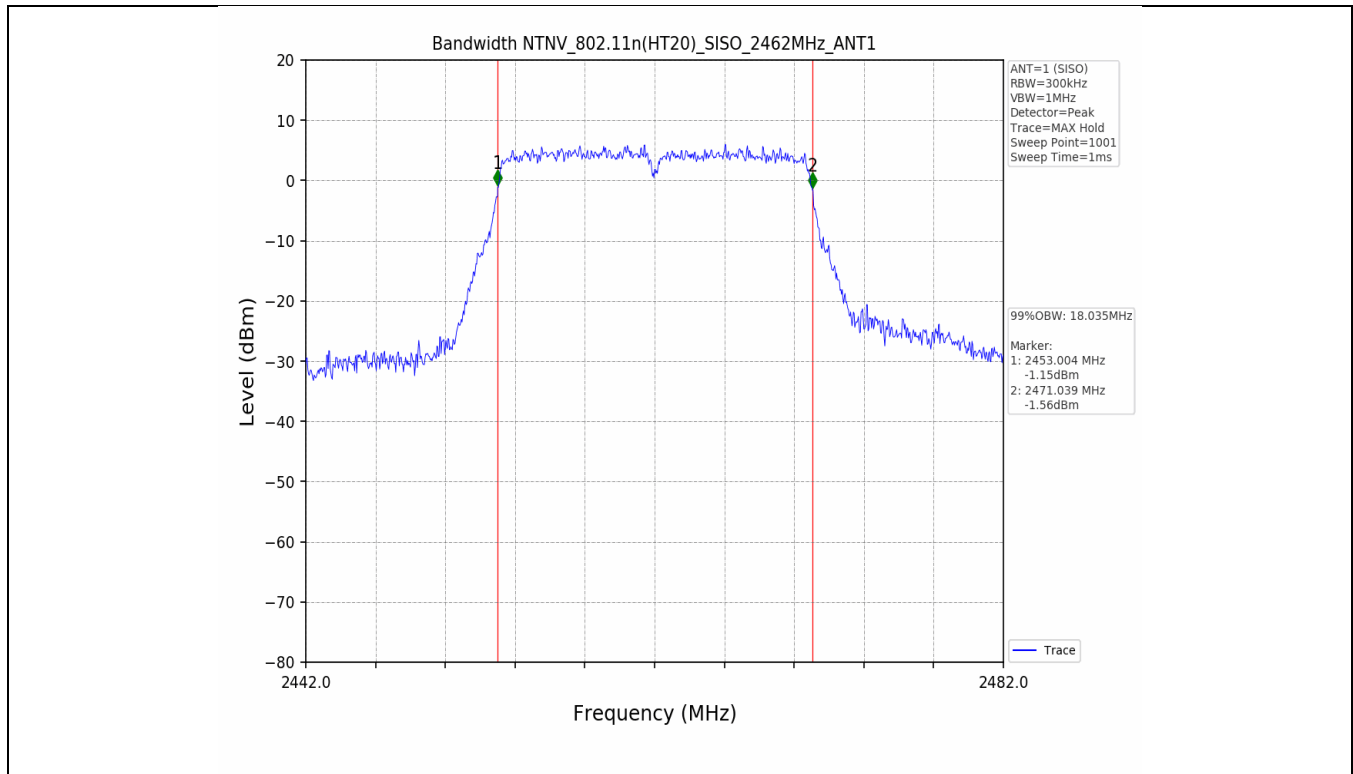
2.3 Test Graph - 99% Occupied Bandwidth

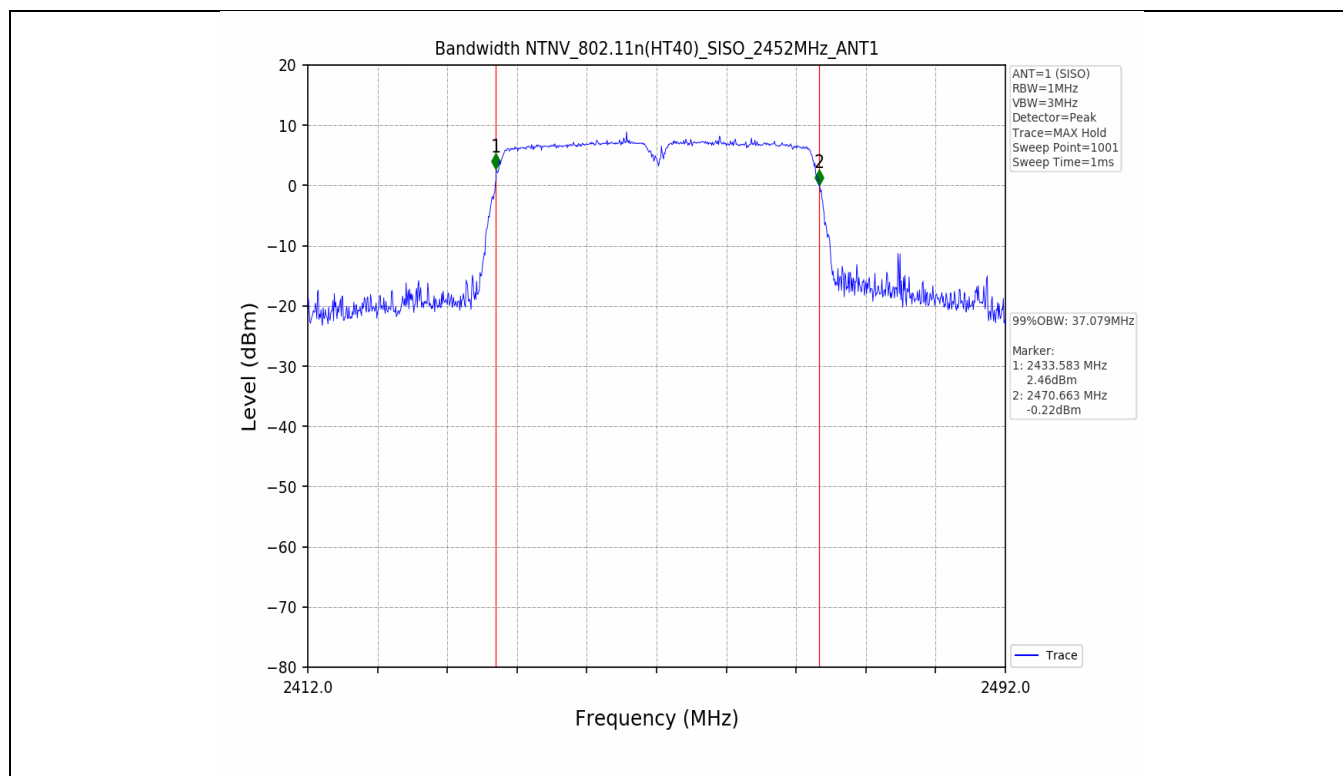
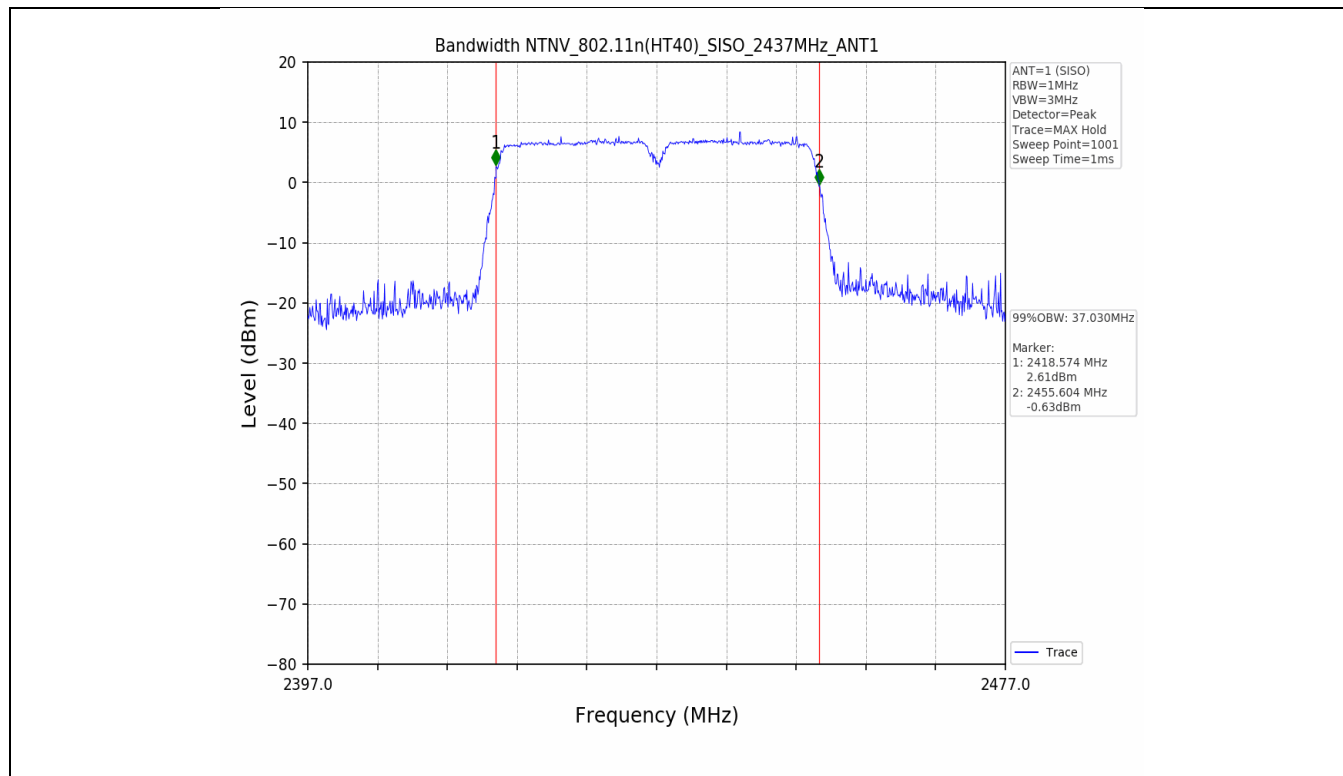












3. Maximum Conducted Output Power

3.1 Test Result

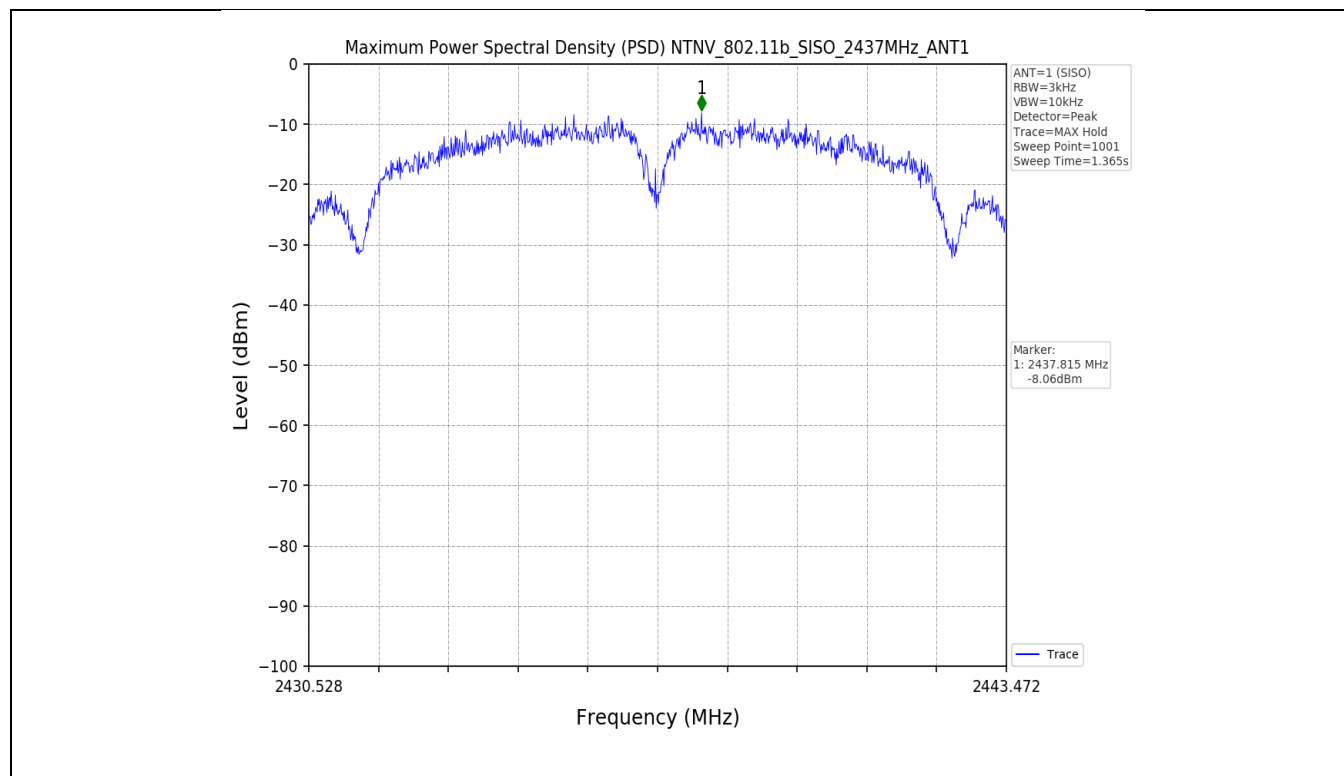
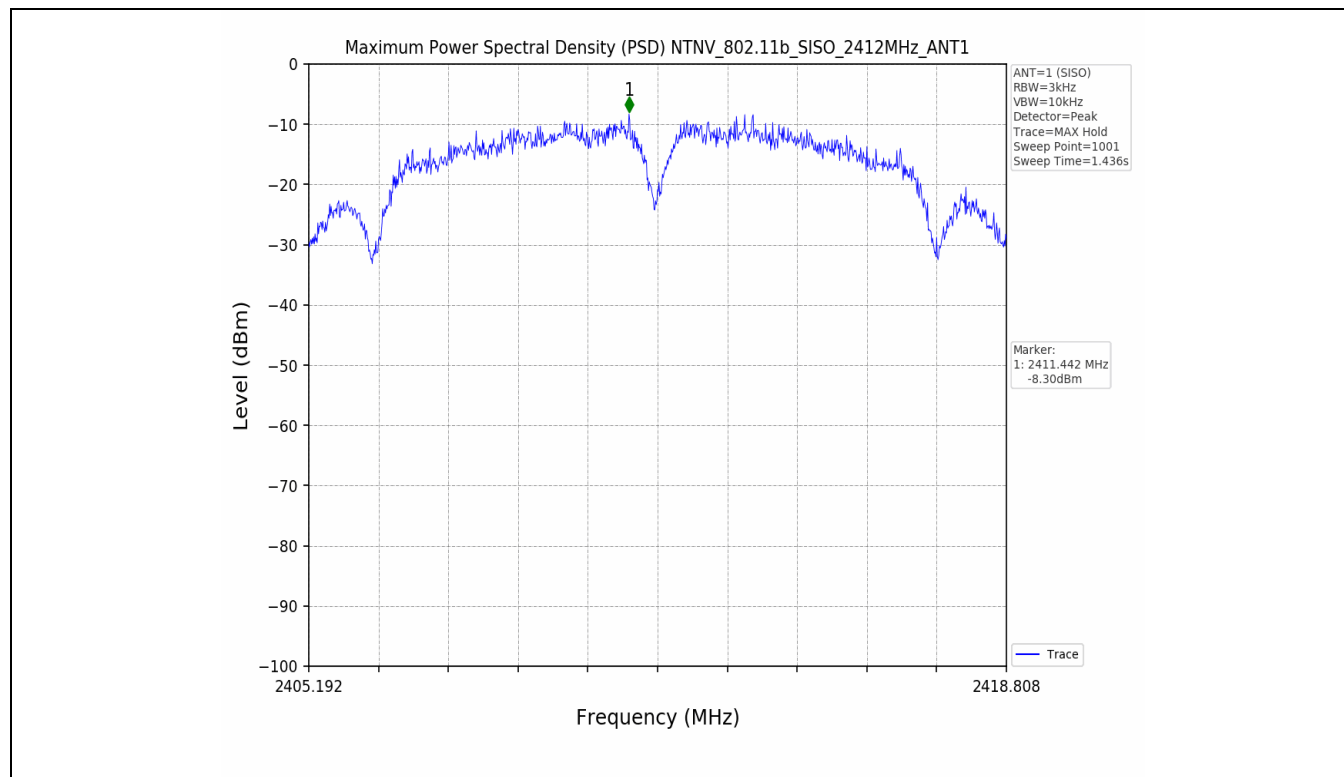
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
802.11b	2412	SISO	16.68	30	PASS
	2437	SISO	16.80	30	PASS
	2462	SISO	17.42	30	PASS
802.11g	2412	SISO	21.73	30	PASS
	2437	SISO	22.34	30	PASS
	2462	SISO	22.63	30	PASS
802.11n(HT20)	2412	SISO	20.88	30	PASS
	2437	SISO	21.26	30	PASS
	2462	SISO	21.74	30	PASS
802.11n(HT40)	2422	SISO	21.20	30	PASS
	2437	SISO	21.61	30	PASS
	2452	SISO	21.84	30	PASS

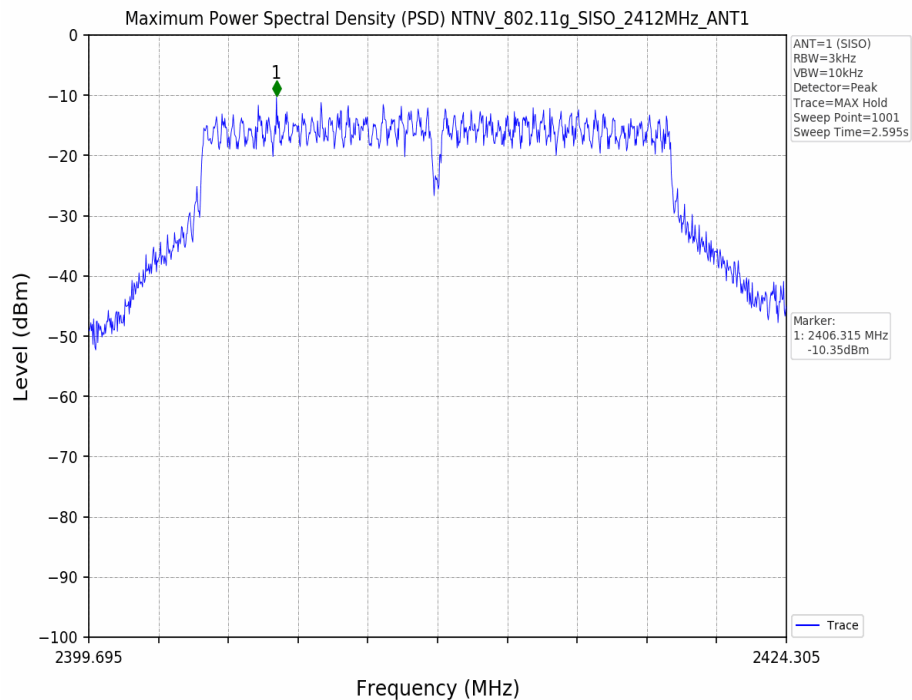
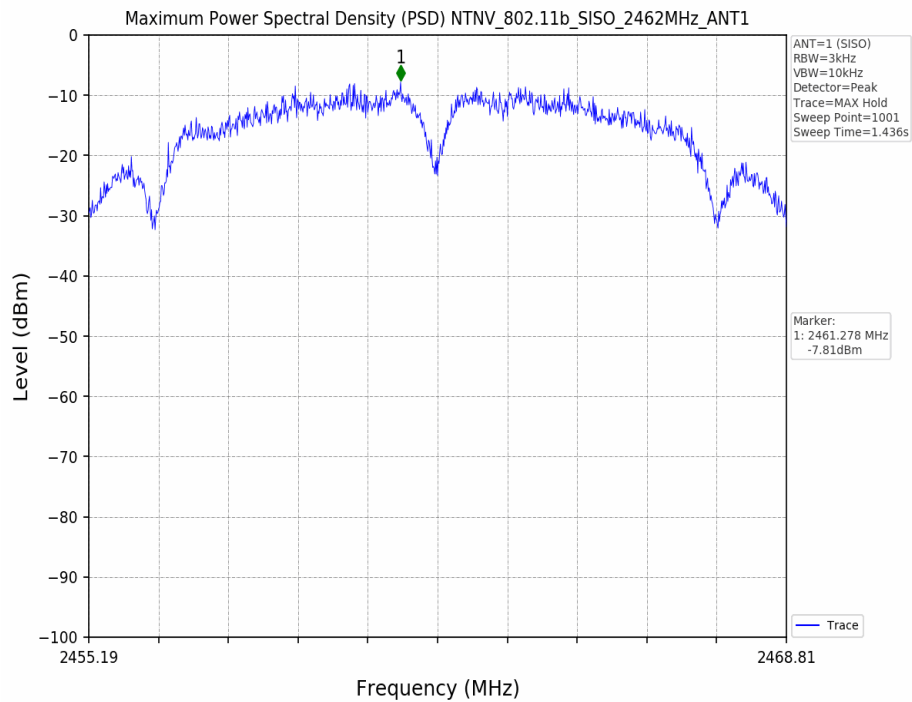
4. Maximum Power Spectral Density (PSD)

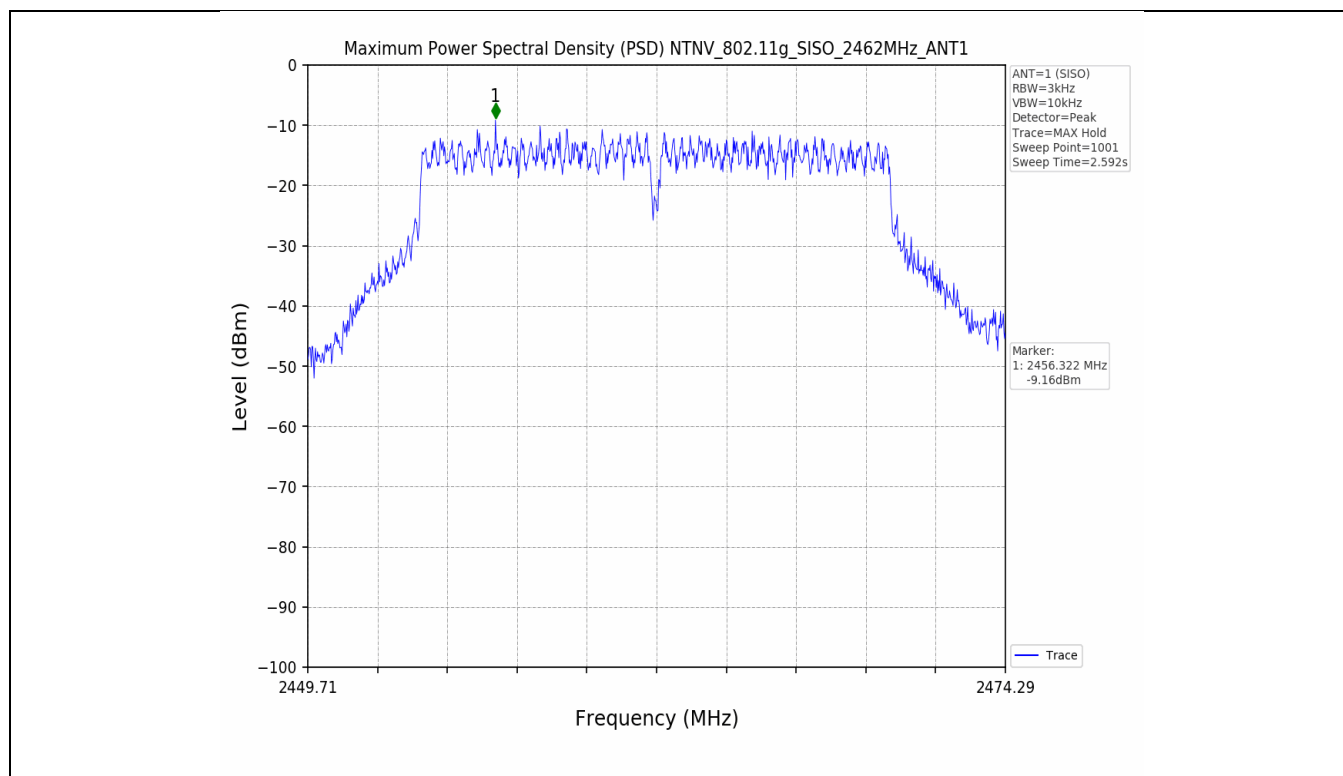
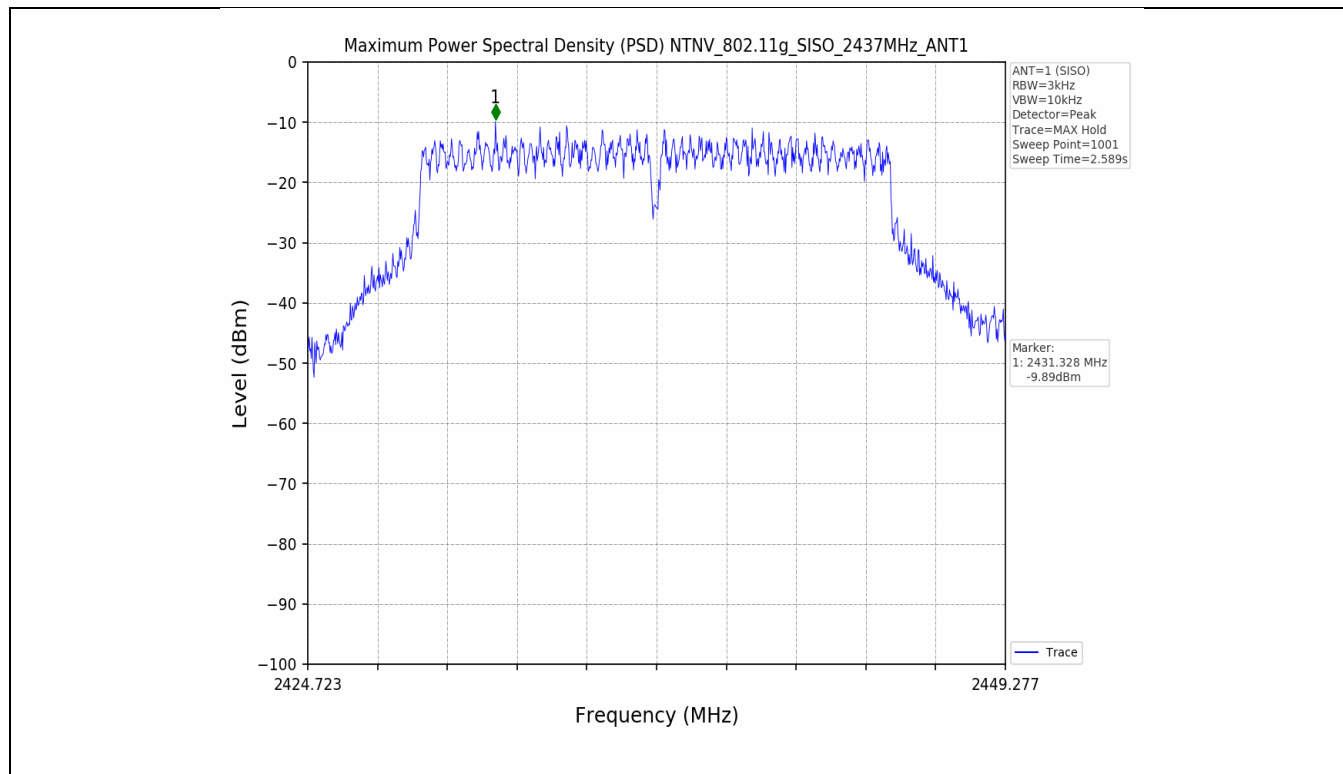
4.1 Test Result

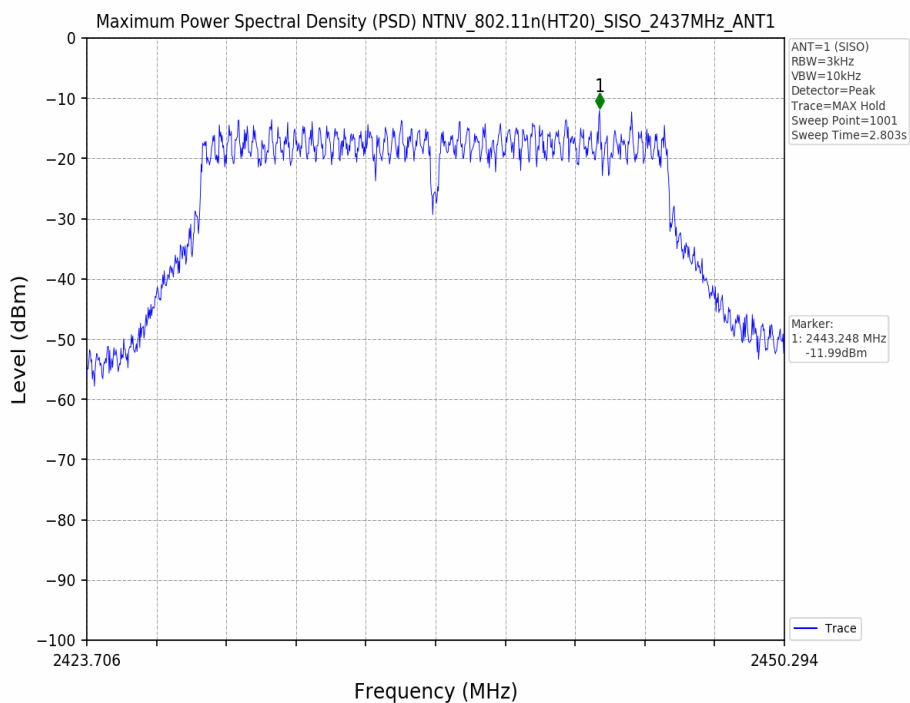
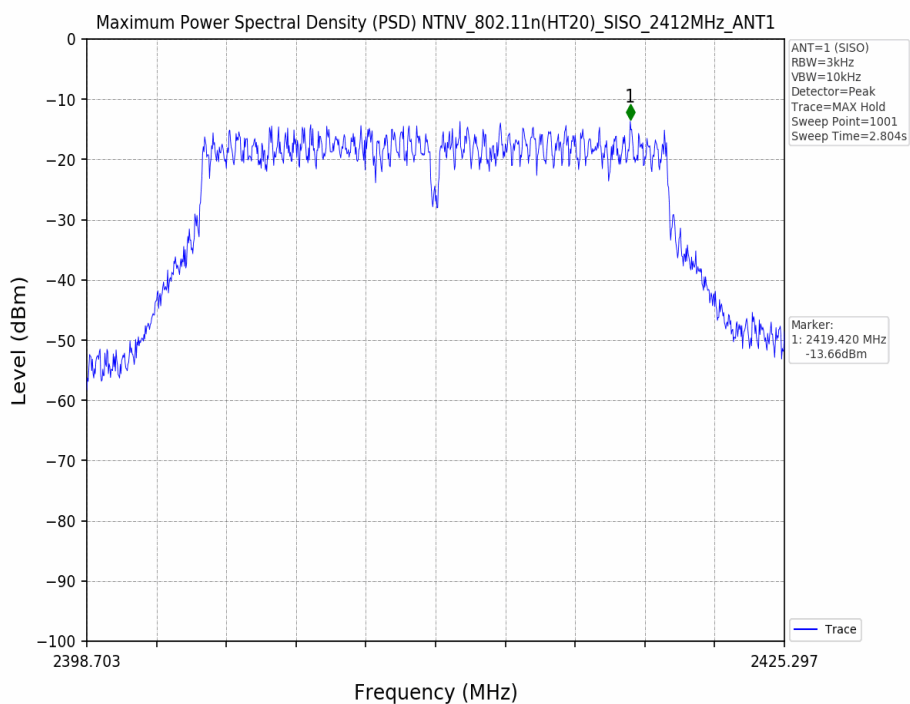
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
802.11b	2412	SISO	-8.30	≤8	PASS
	2437	SISO	-8.06	≤8	PASS
	2462	SISO	-7.81	≤8	PASS
802.11g	2412	SISO	-10.35	≤8	PASS
	2437	SISO	-9.89	≤8	PASS
	2462	SISO	-9.16	≤8	PASS
802.11n(HT20)	2412	SISO	-13.66	≤8	PASS
	2437	SISO	-11.99	≤8	PASS
	2462	SISO	-12.94	≤8	PASS
802.11n(HT40)	2422	SISO	-13.56	≤8	PASS
	2437	SISO	-13.49	≤8	PASS
	2452	SISO	-14.32	≤8	PASS

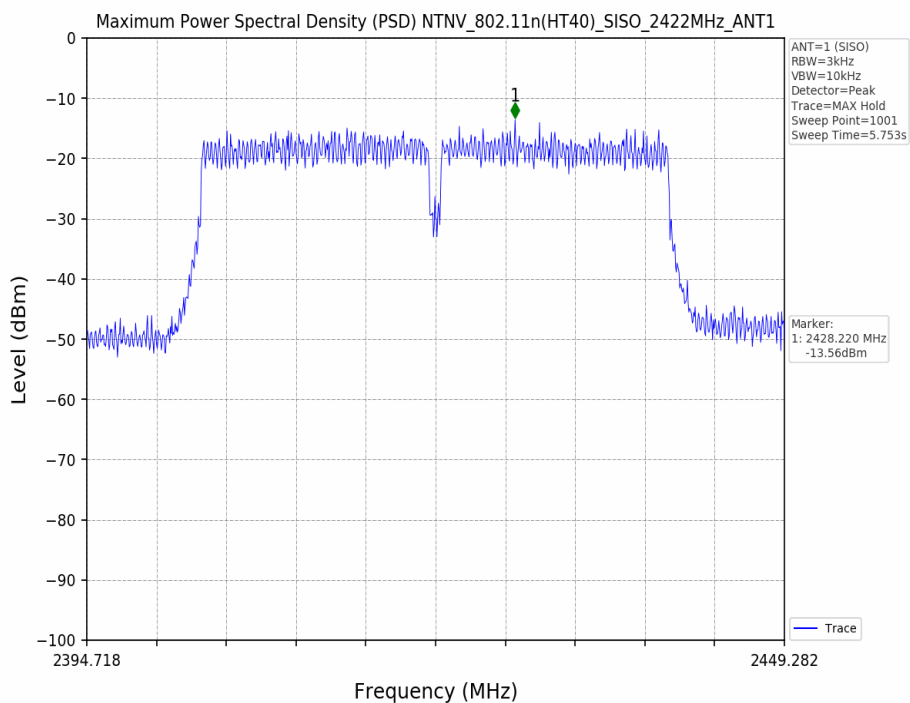
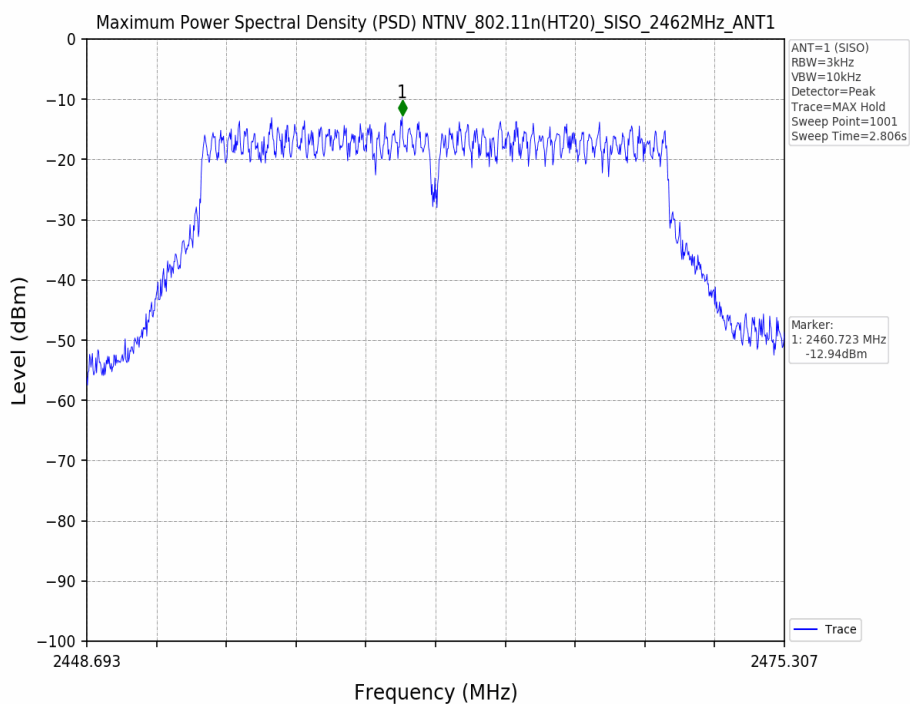
4.2 Test Graph

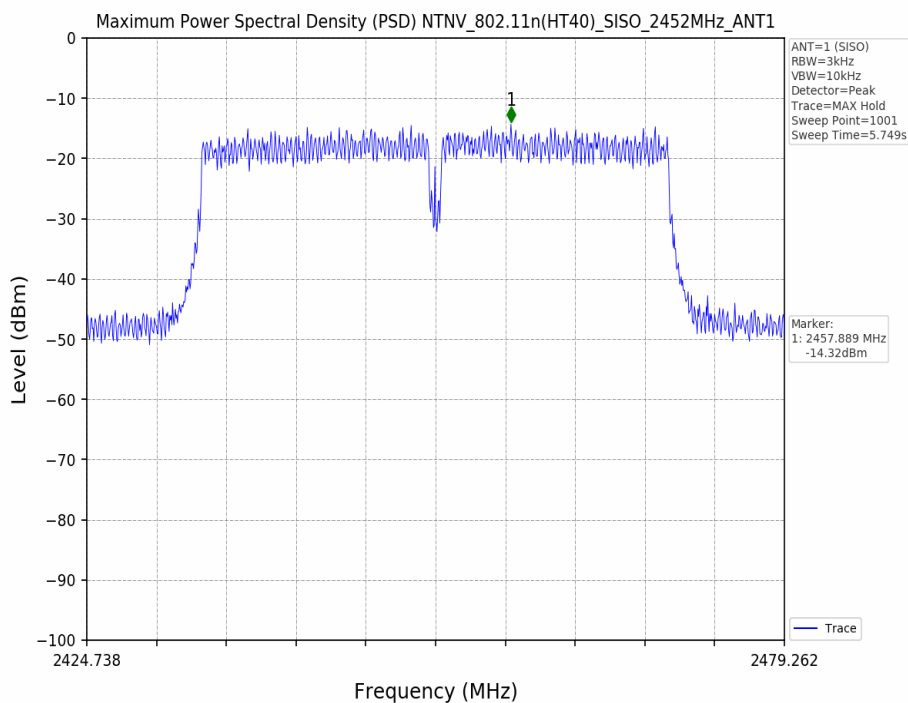
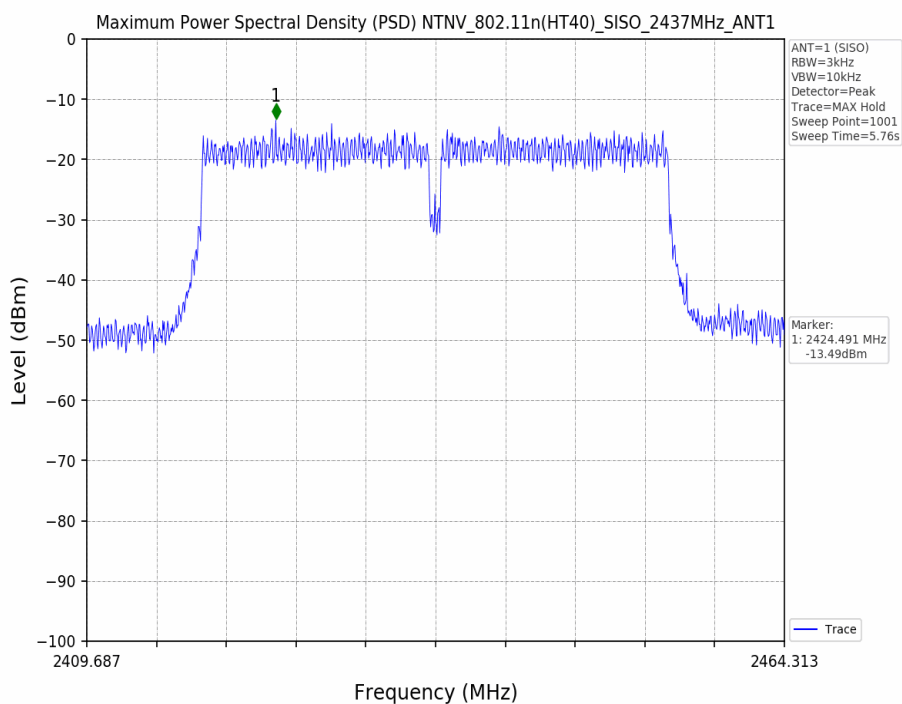










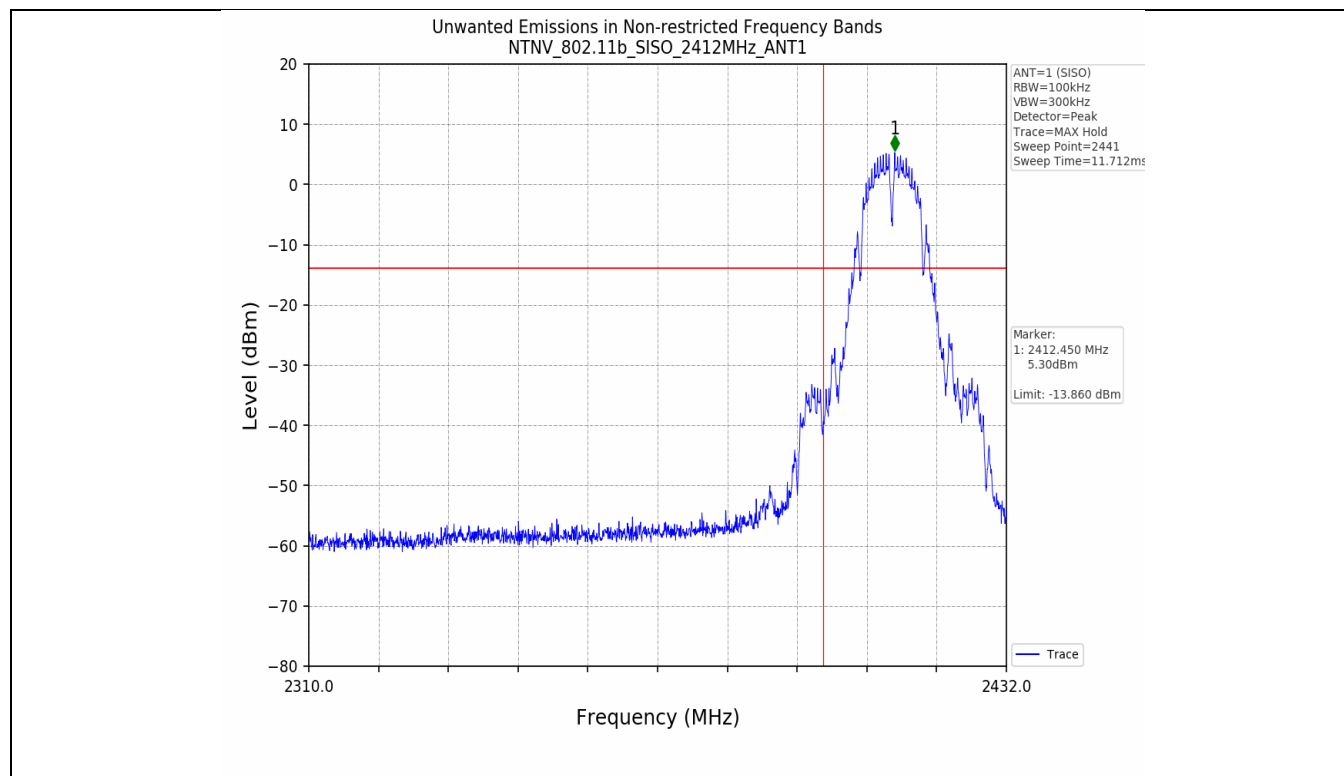
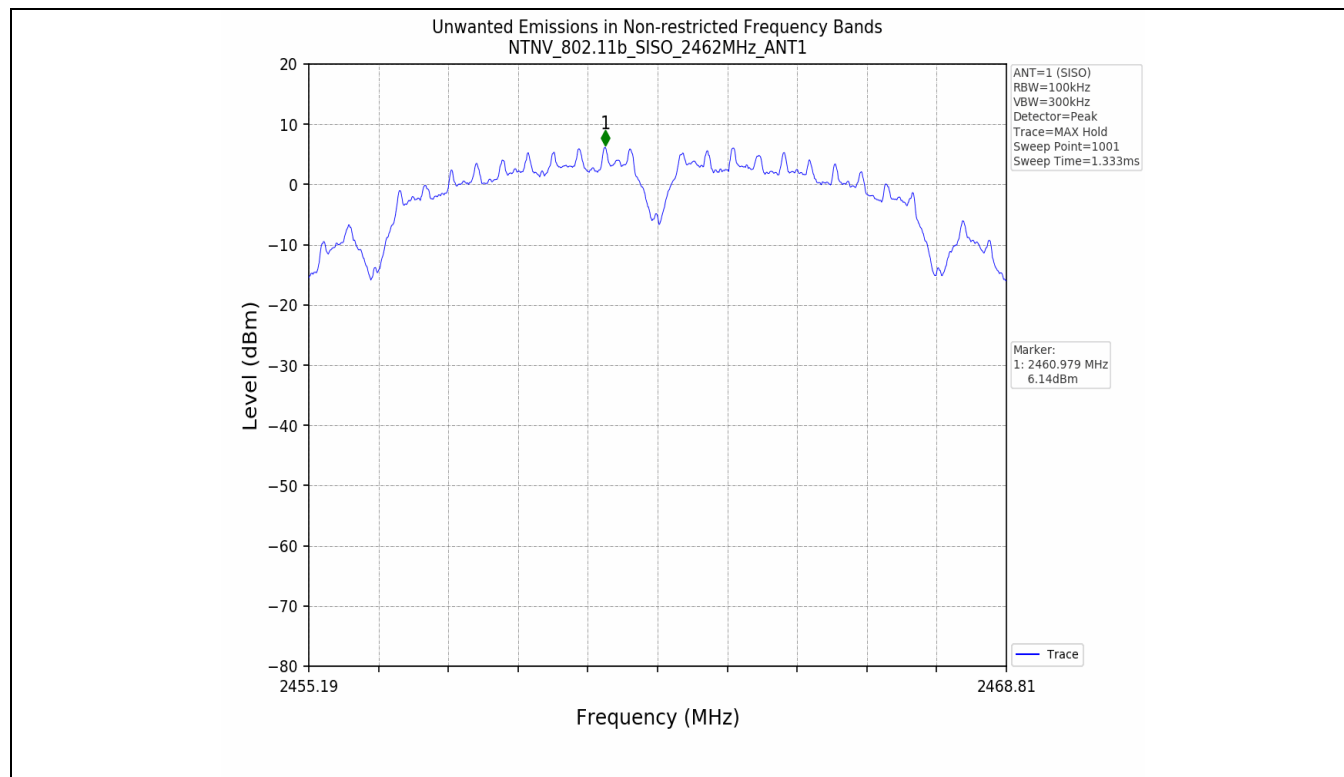


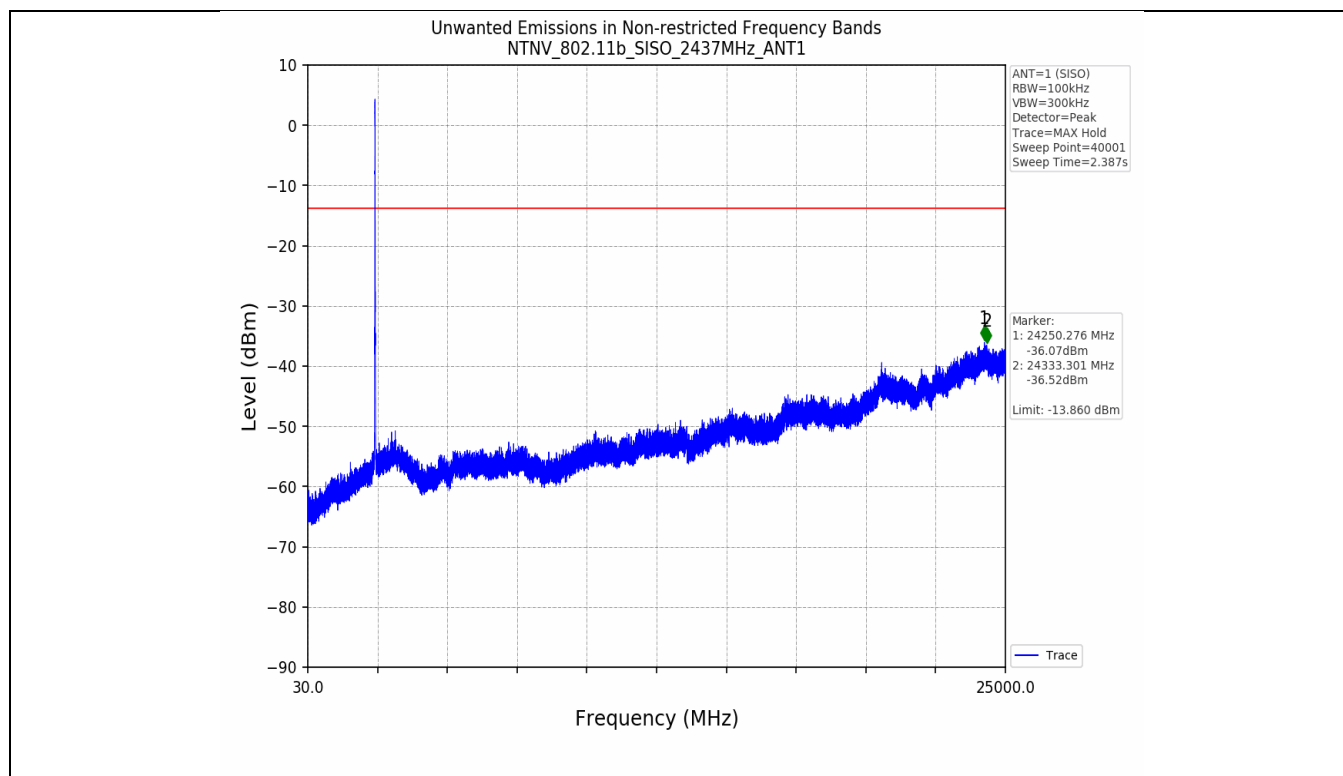
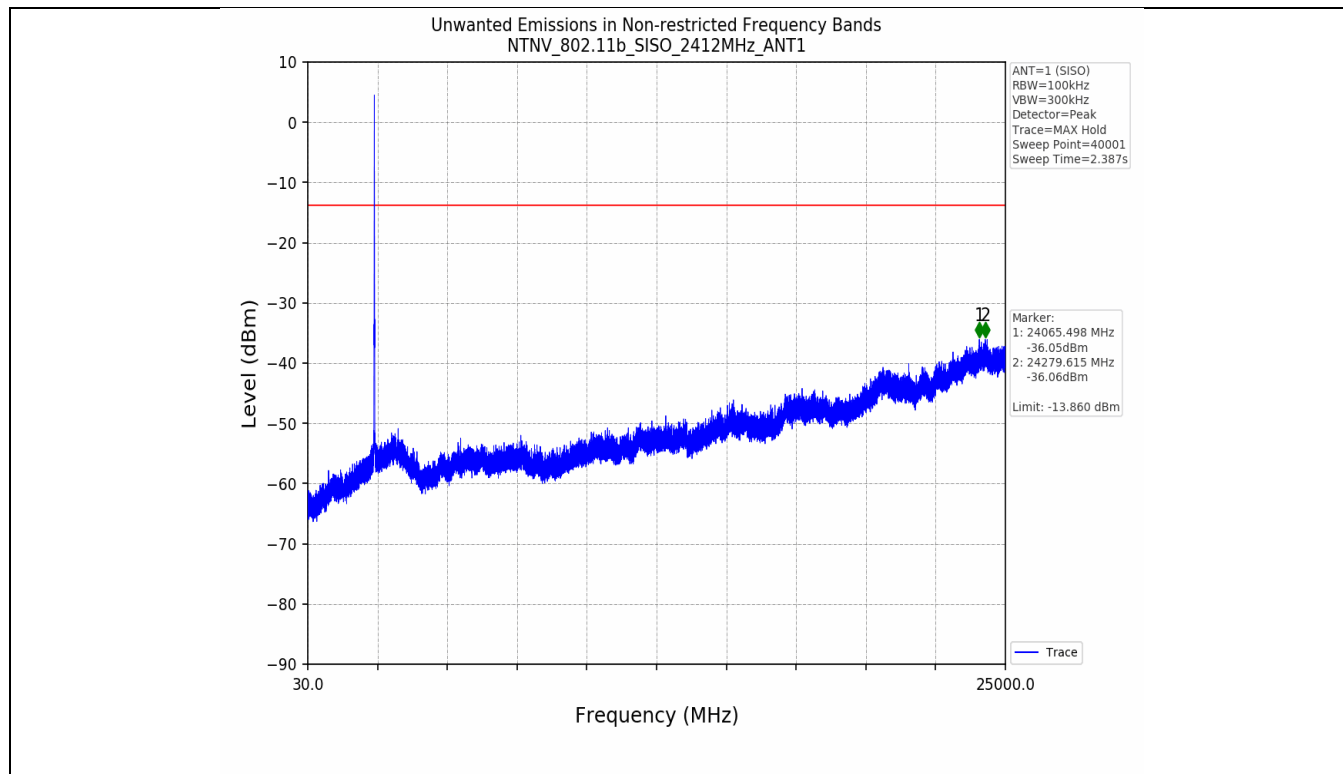
5. Unwanted Emissions in Non-restricted Frequency Bands

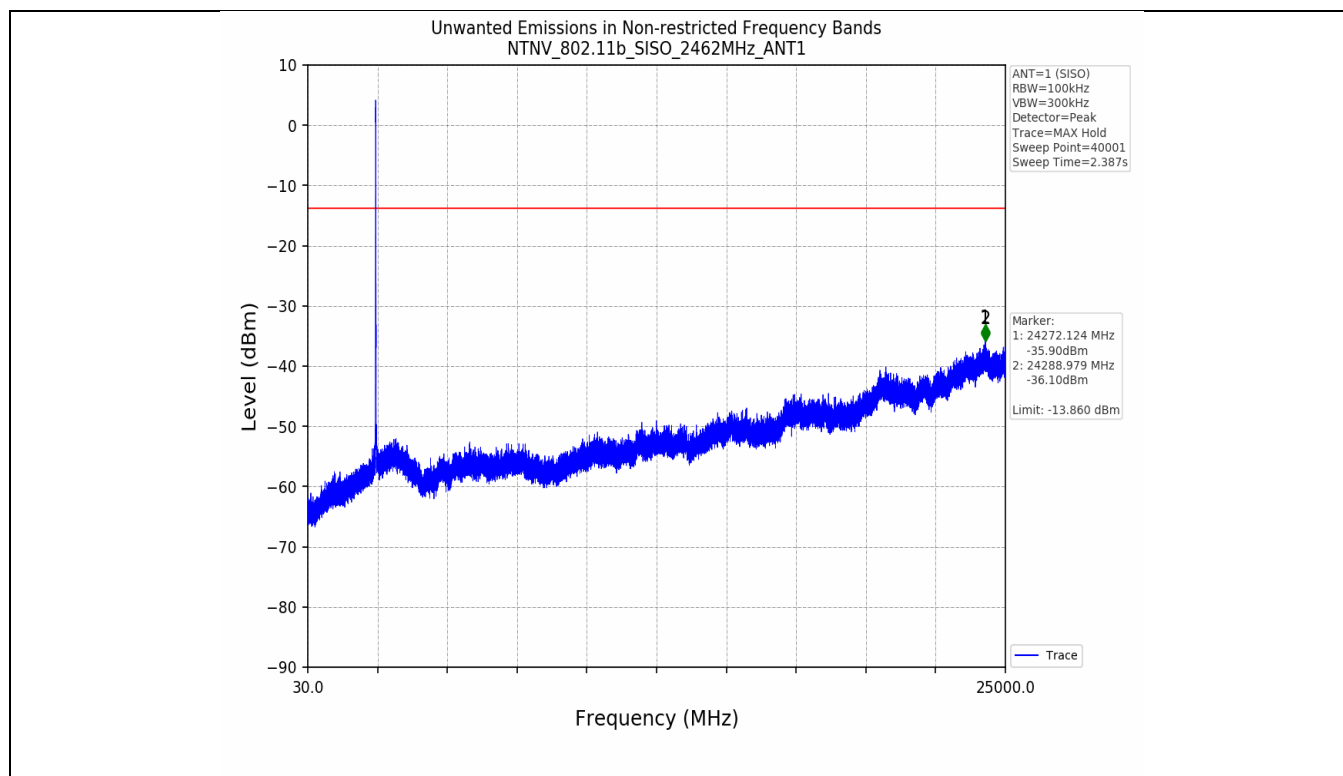
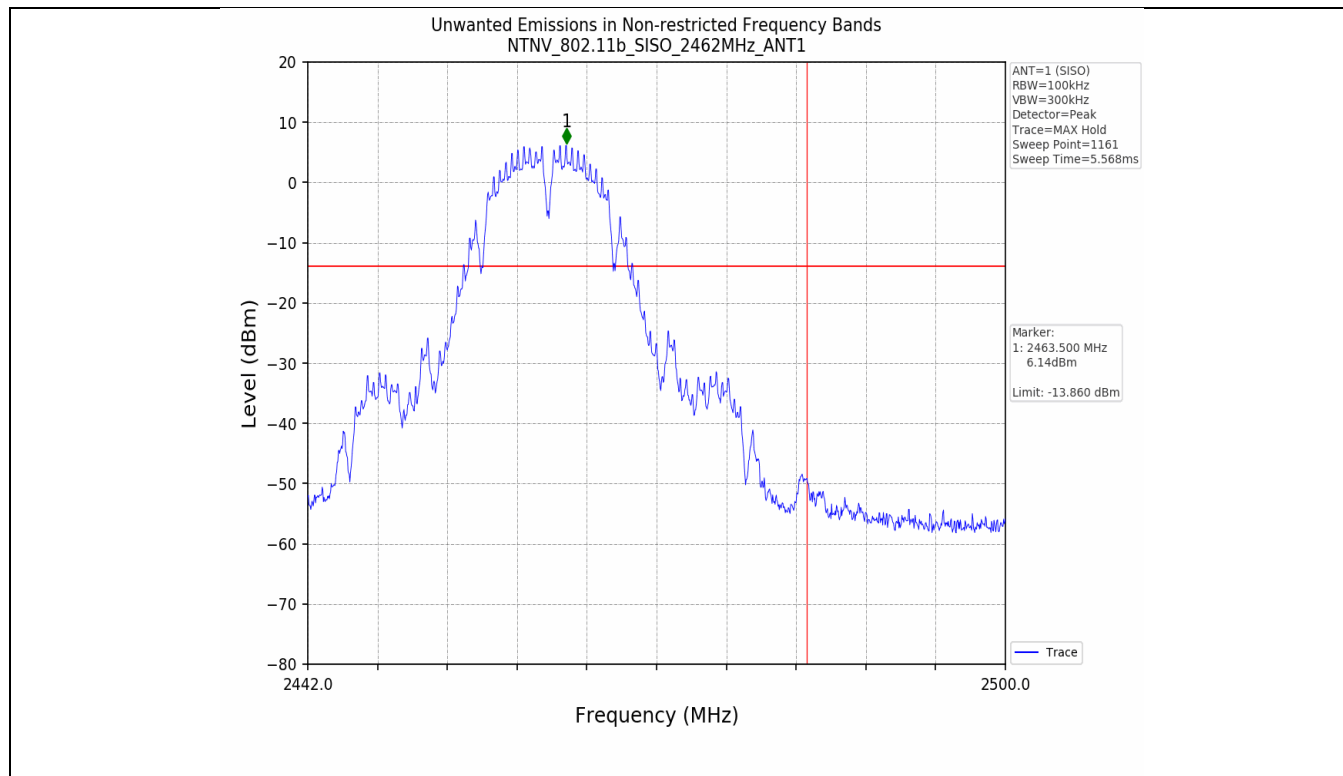
5.1 Test Result

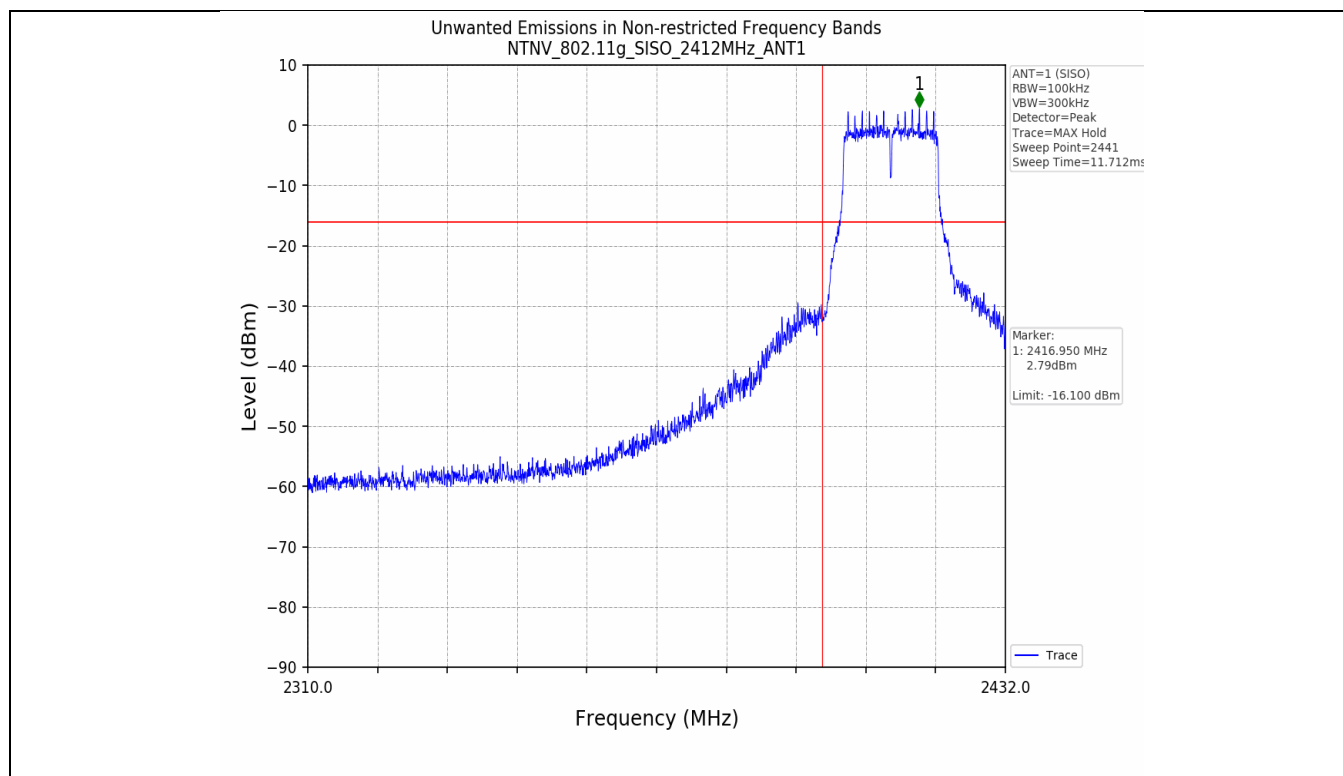
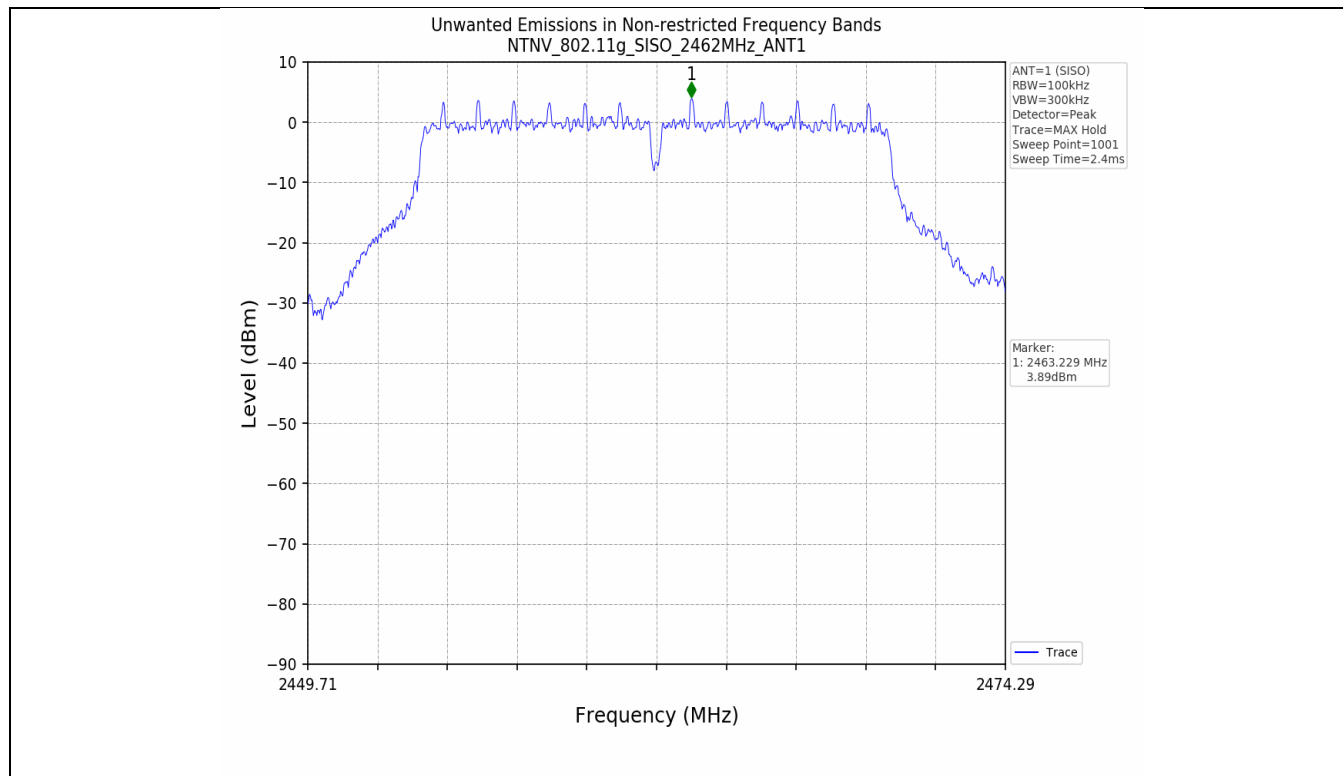
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	1	Refer to test graph	-13.86	PASS
	2437	SISO	1	Refer to test graph	-13.86	PASS
	2462	SISO	1	Refer to test graph	-13.86	PASS
802.11g	2412	SISO	1	Refer to test graph	-16.10	PASS
	2437	SISO	1	Refer to test graph	-16.10	PASS
	2462	SISO	1	Refer to test graph	-16.10	PASS
802.11n(HT20)	2412	SISO	1	Refer to test graph	-16.92	PASS
	2437	SISO	1	Refer to test graph	-16.92	PASS
	2462	SISO	1	Refer to test graph	-16.92	PASS
802.11n(HT40)	2422	SISO	1	Refer to test graph	-19.87	PASS
	2437	SISO	1	Refer to test graph	-19.87	PASS
	2452	SISO	1	Refer to test graph	-19.87	PASS

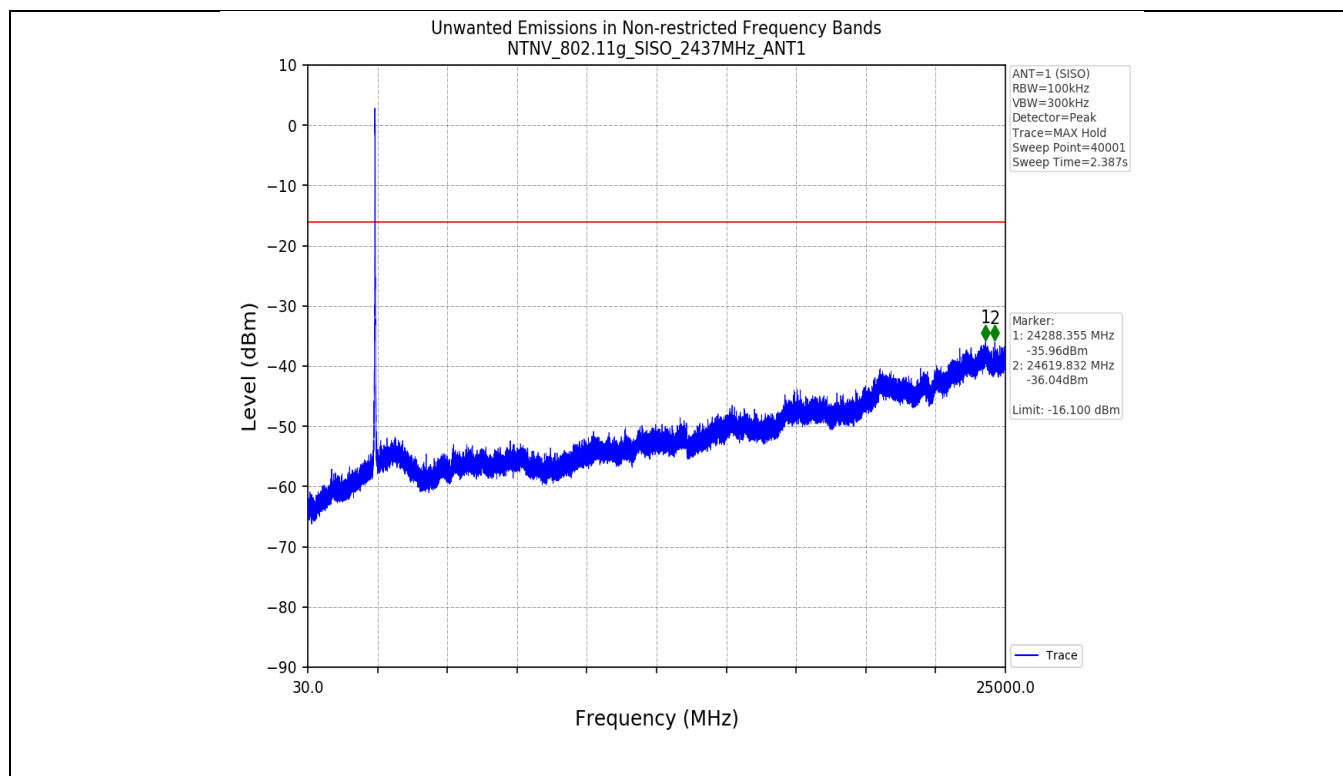
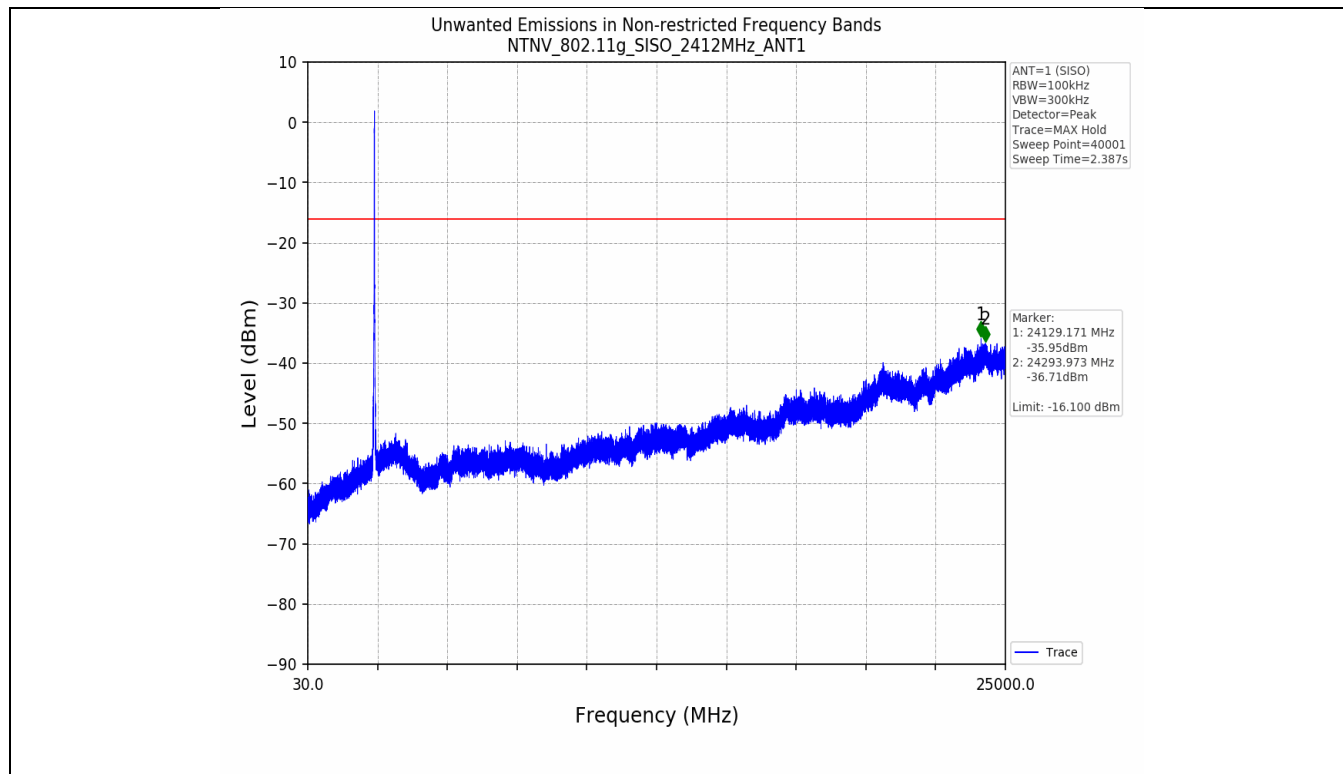
5.2 Test Graph

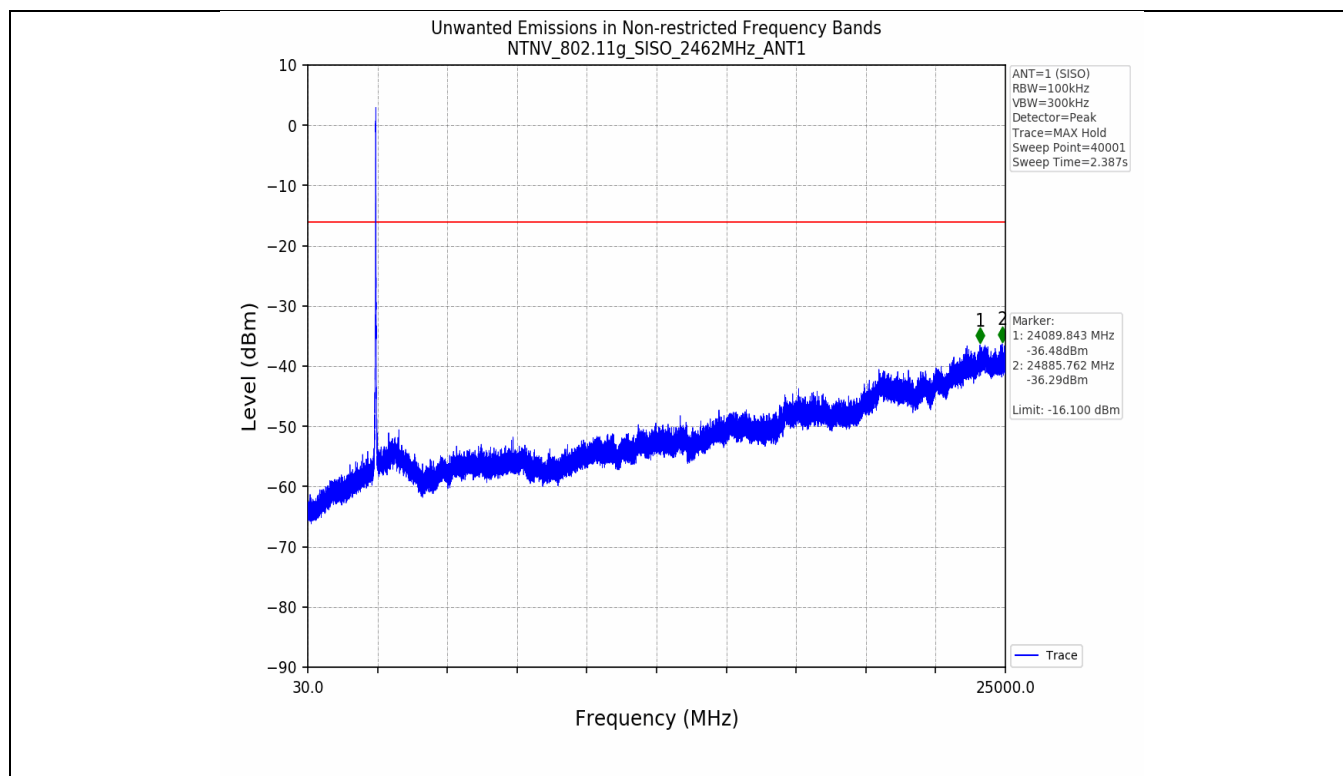
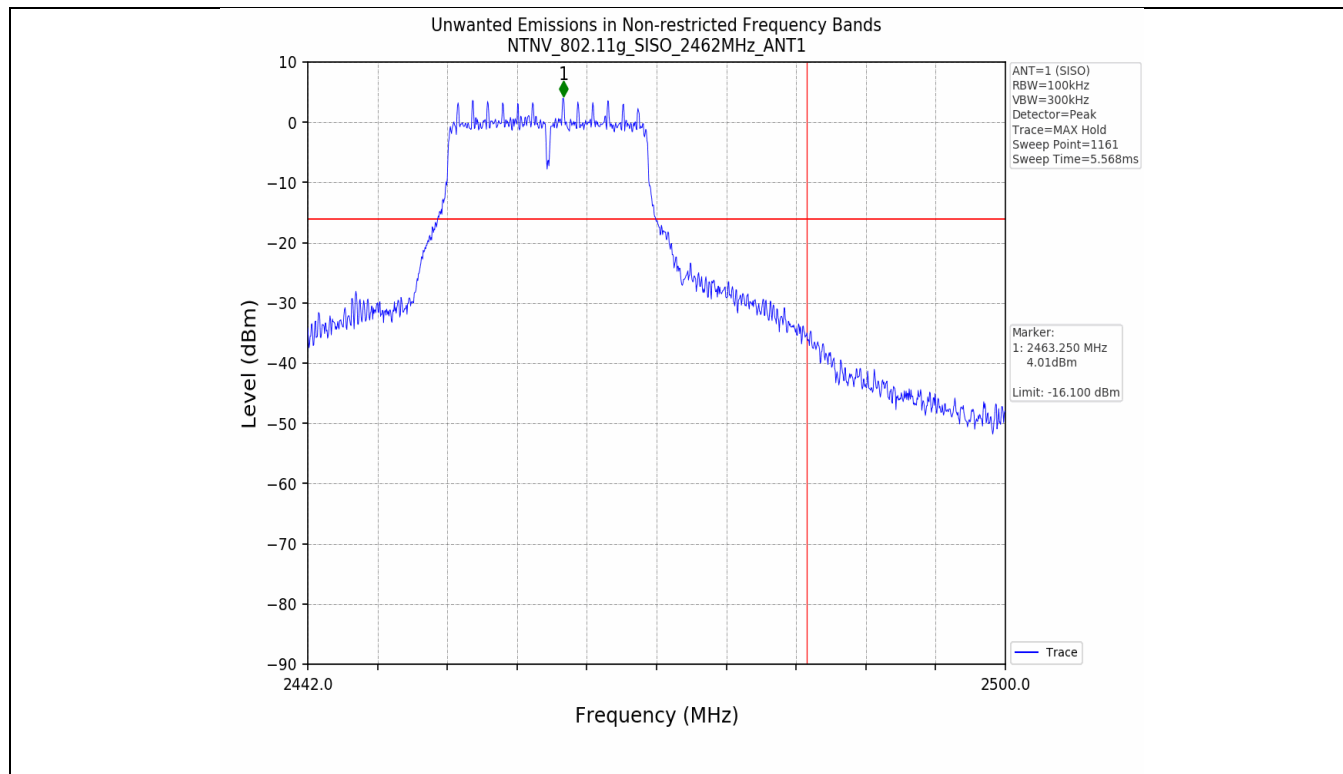


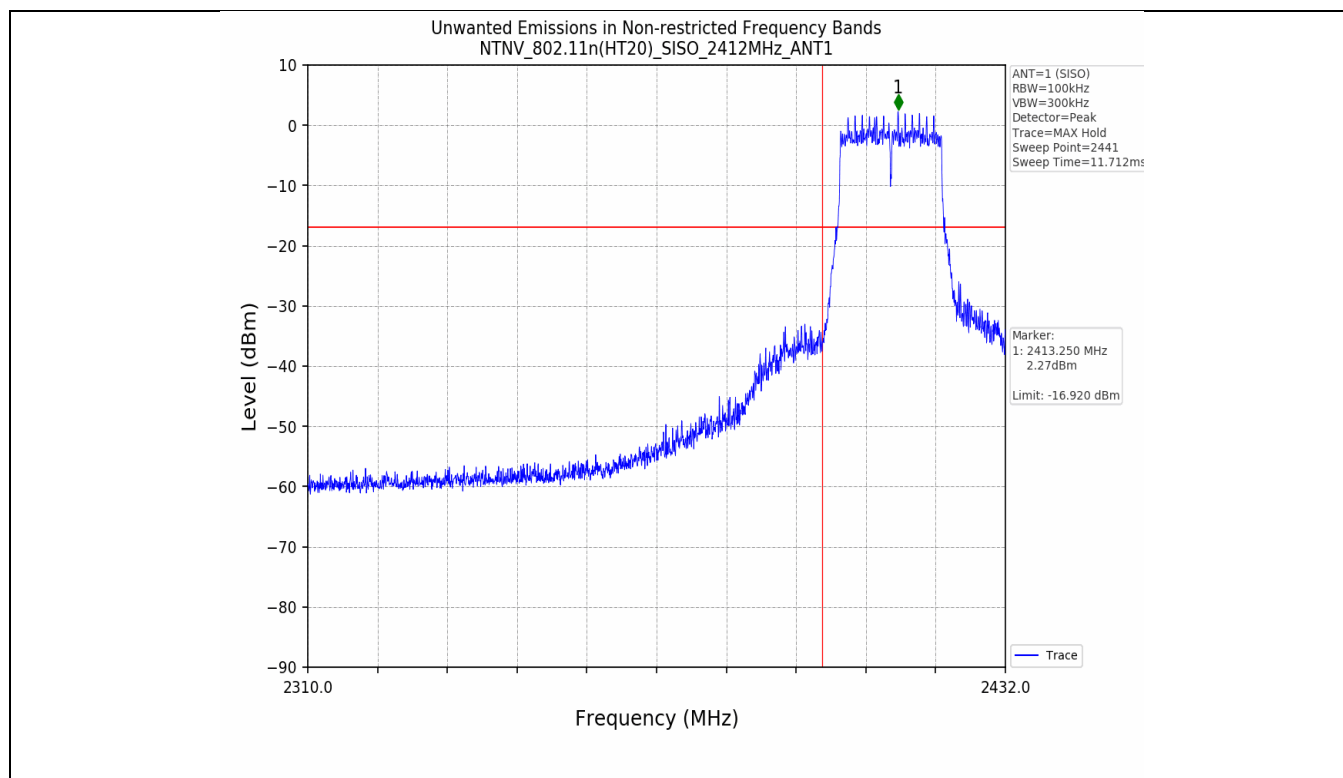
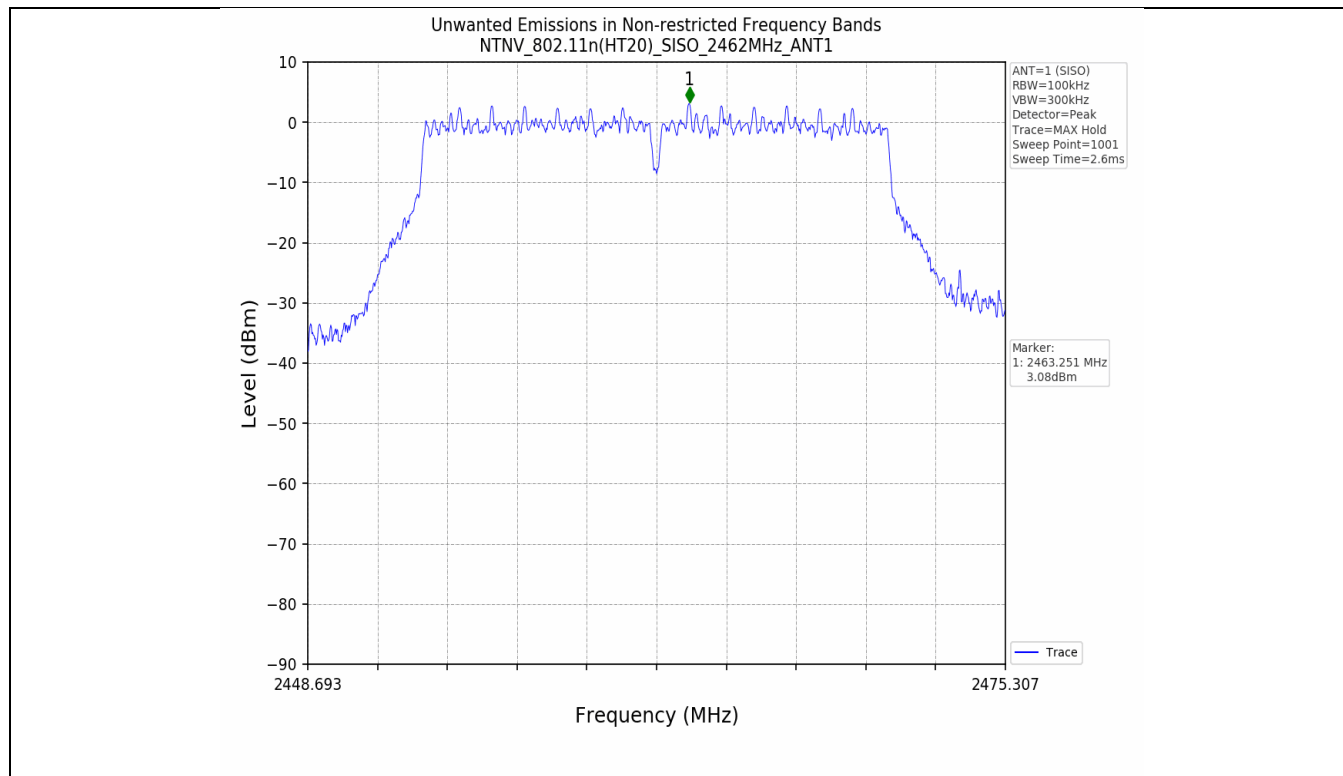


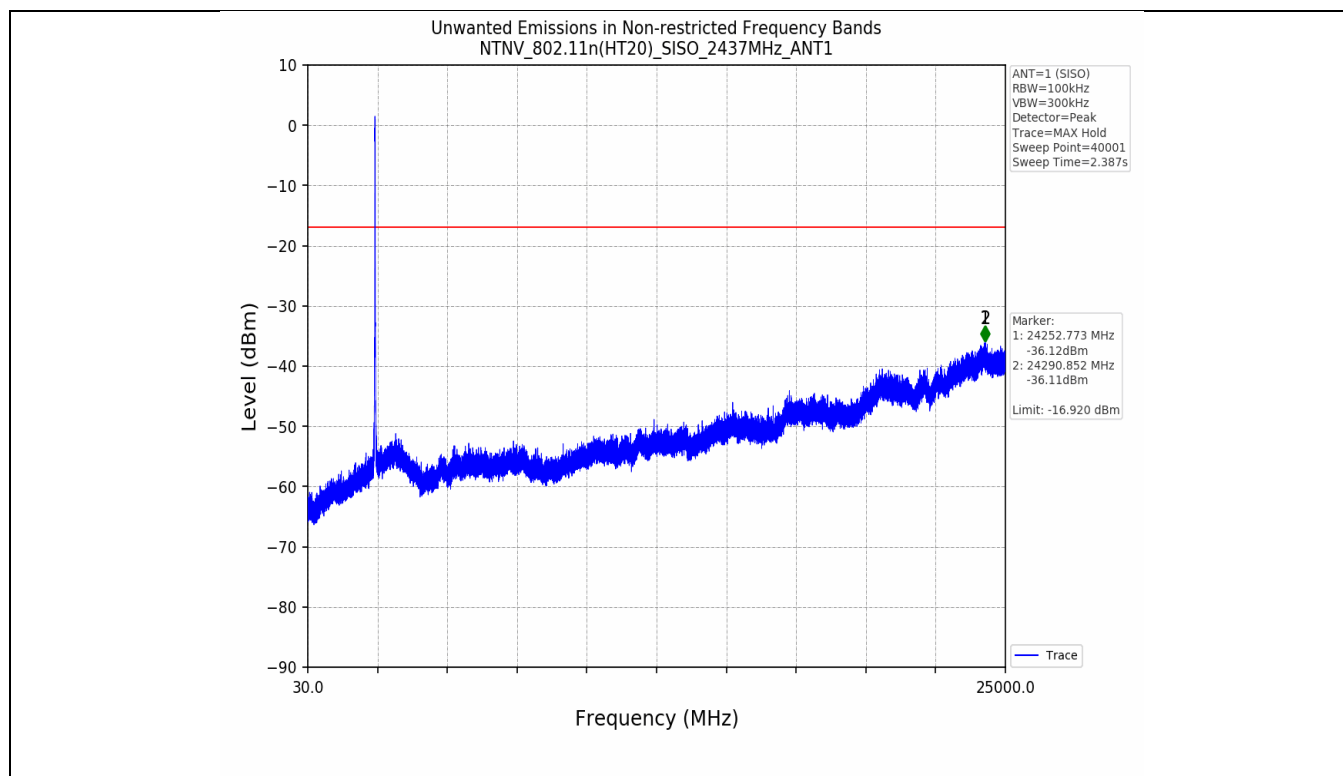
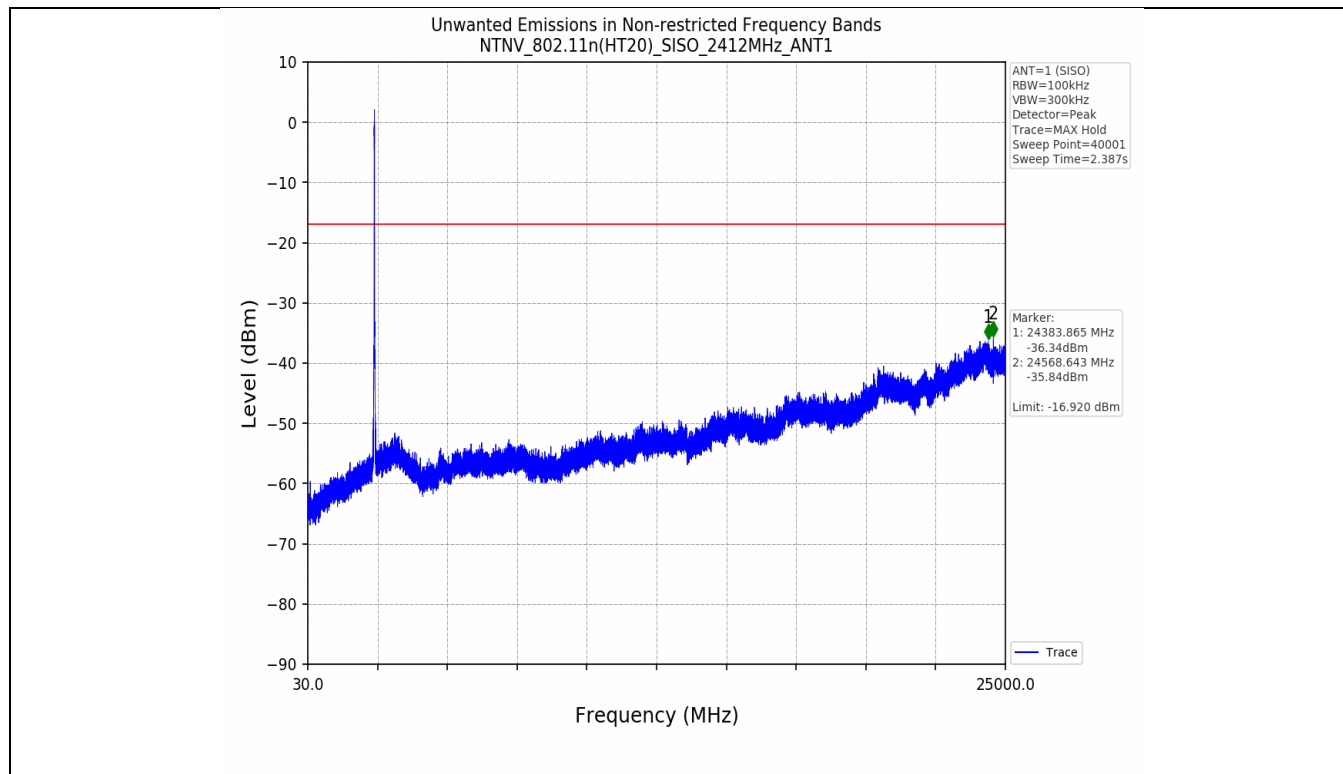


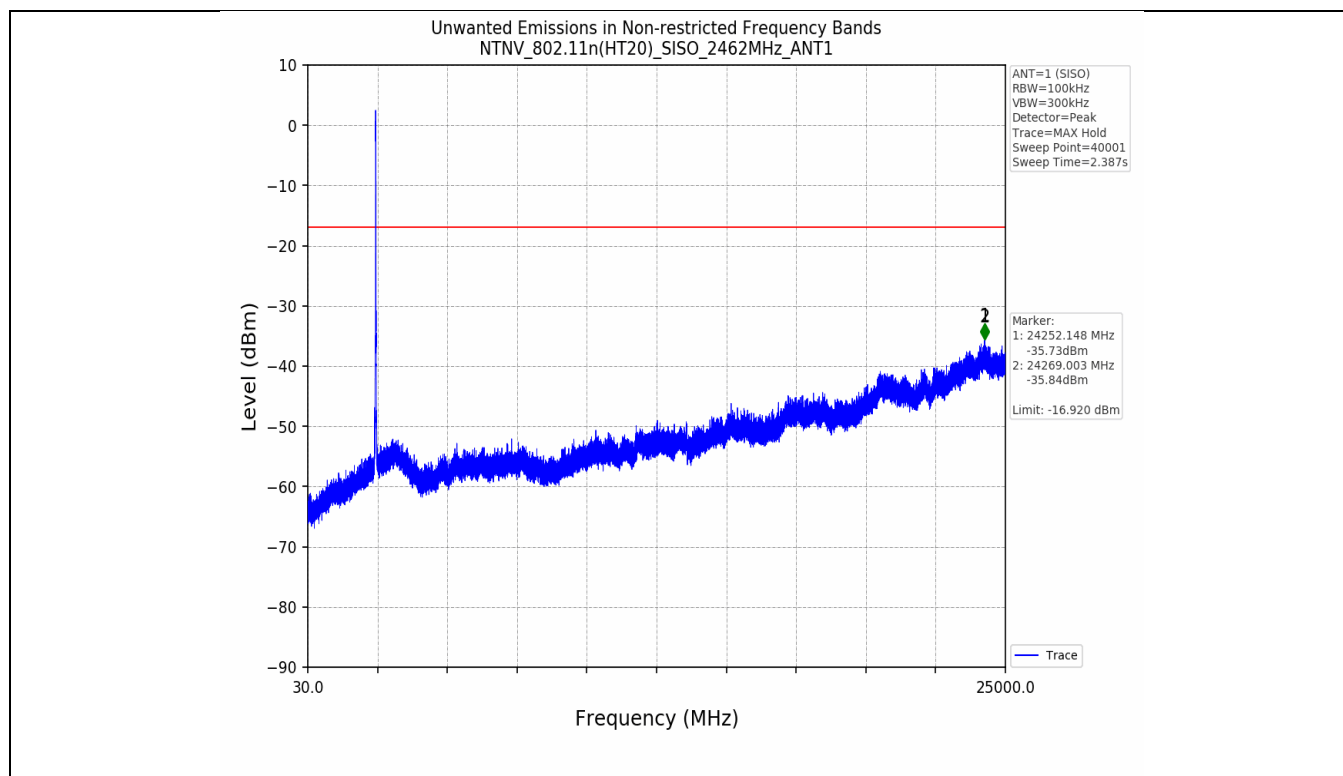
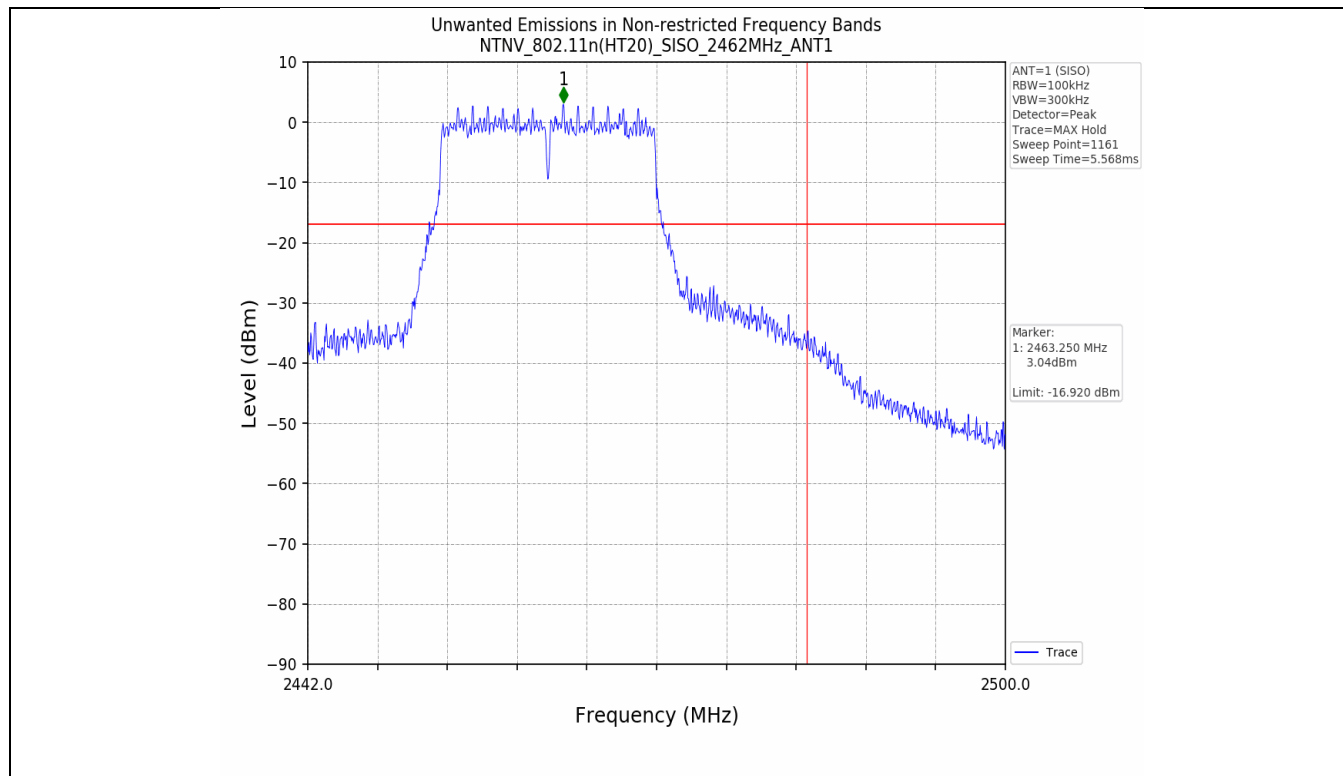


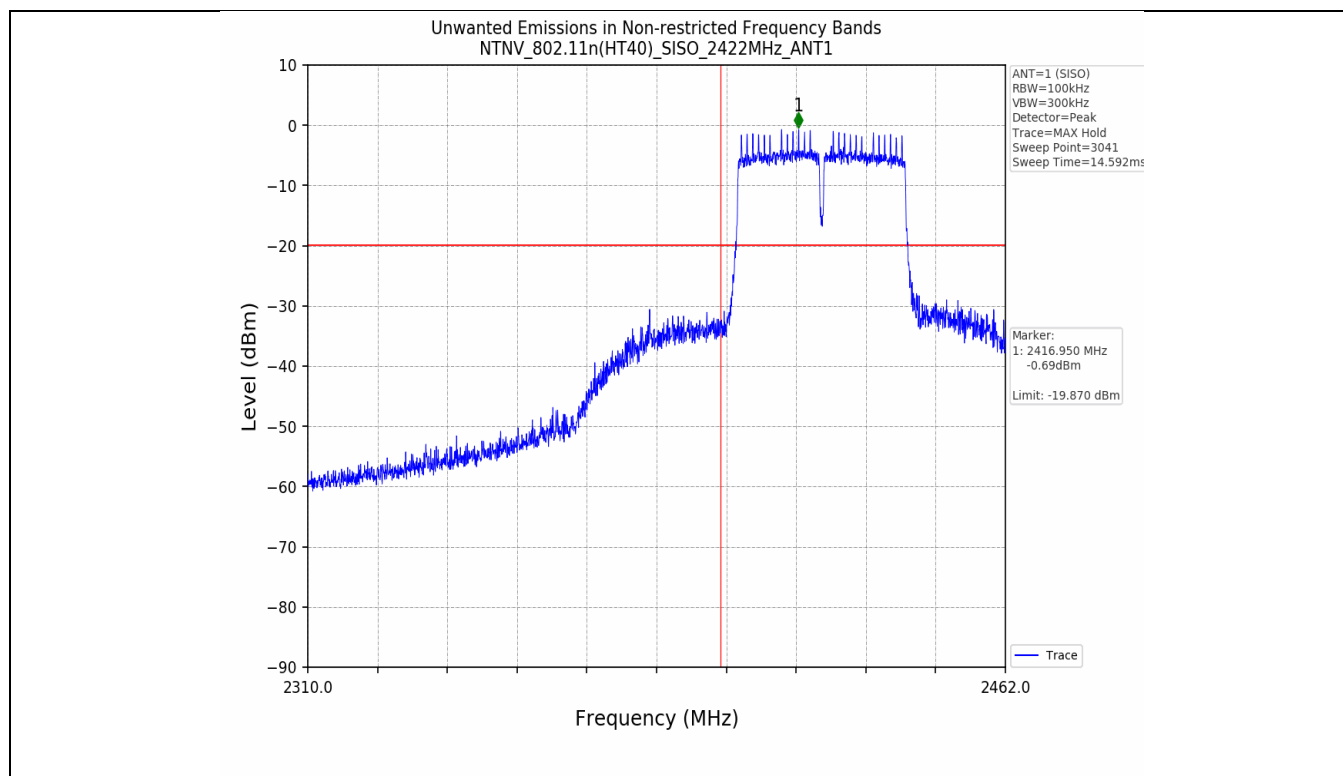
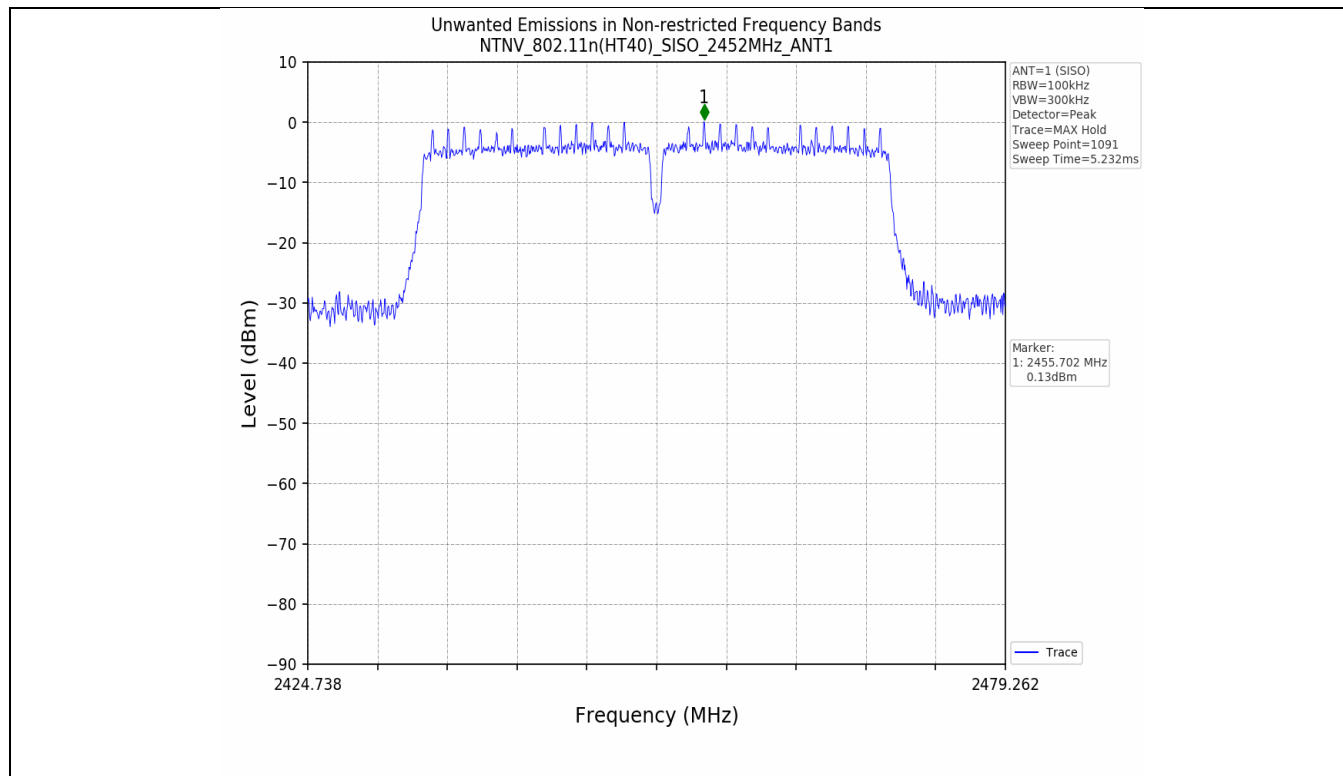


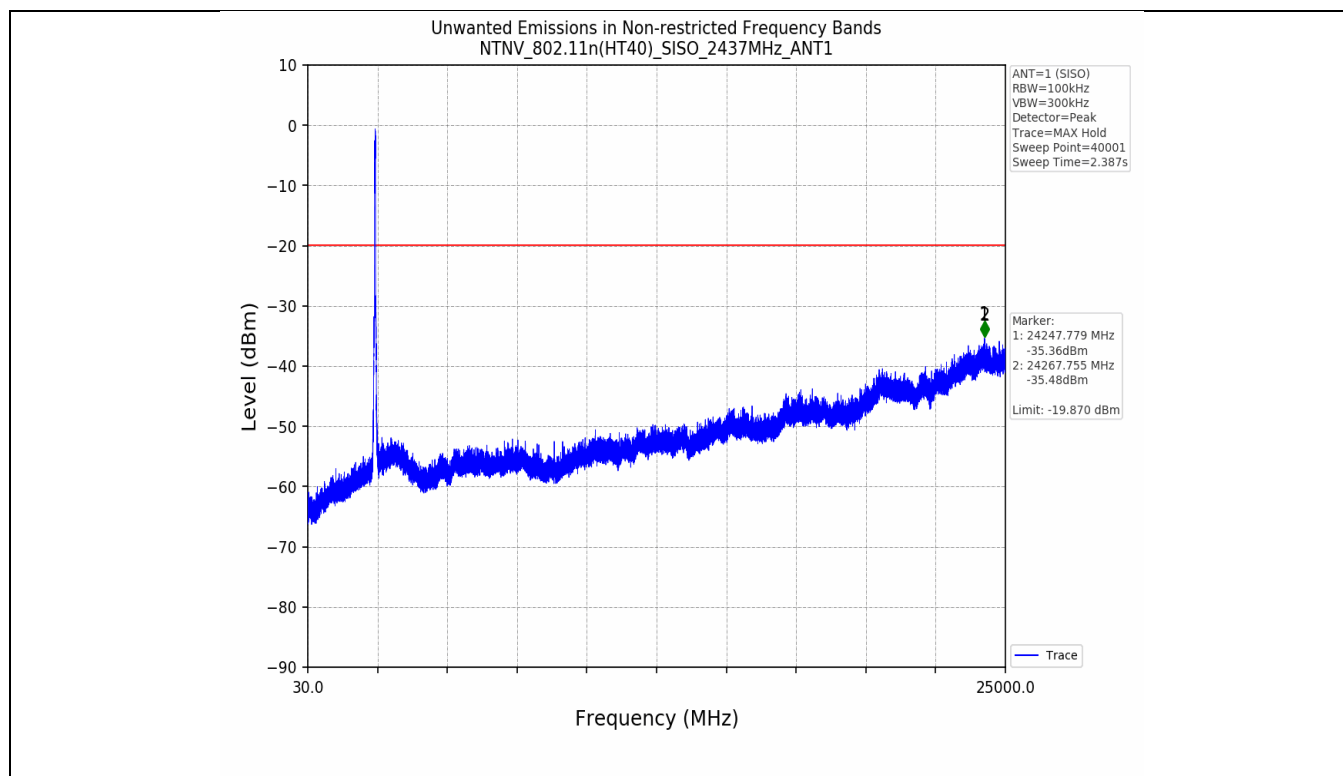
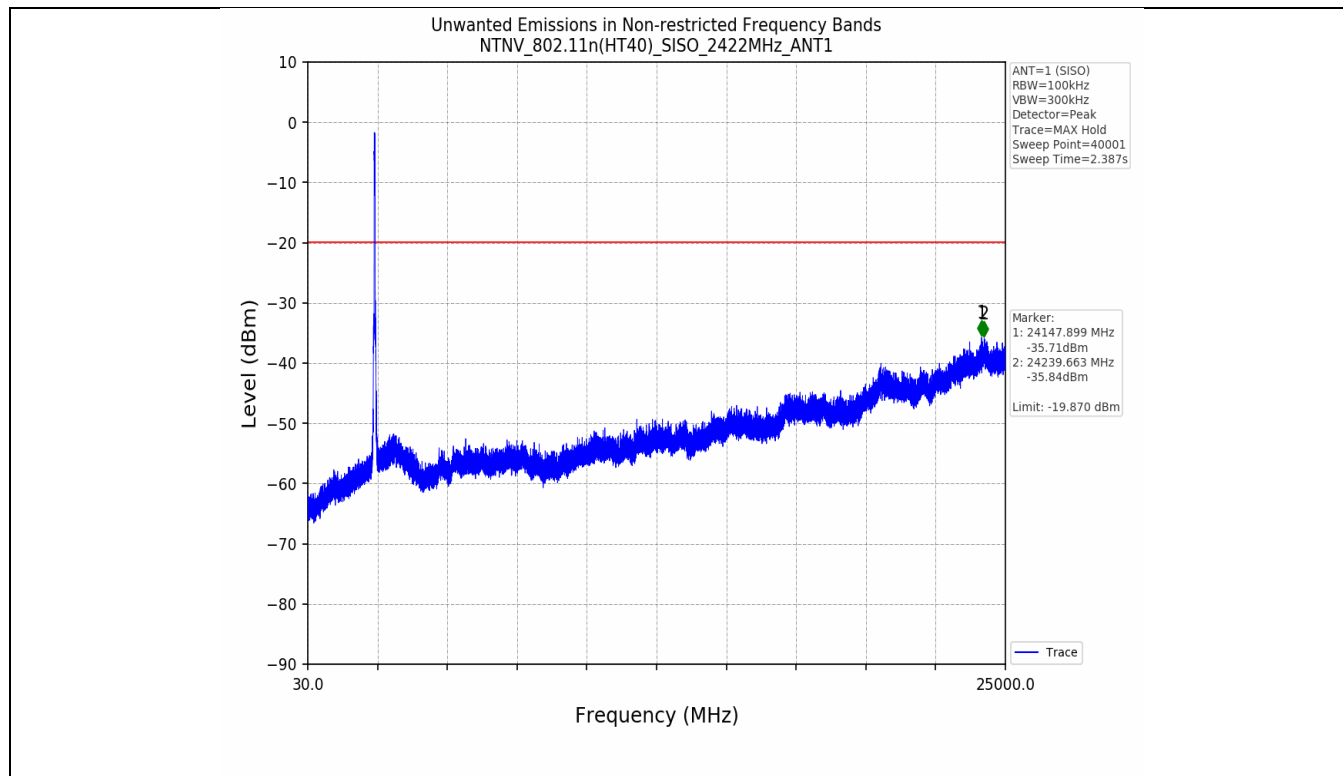


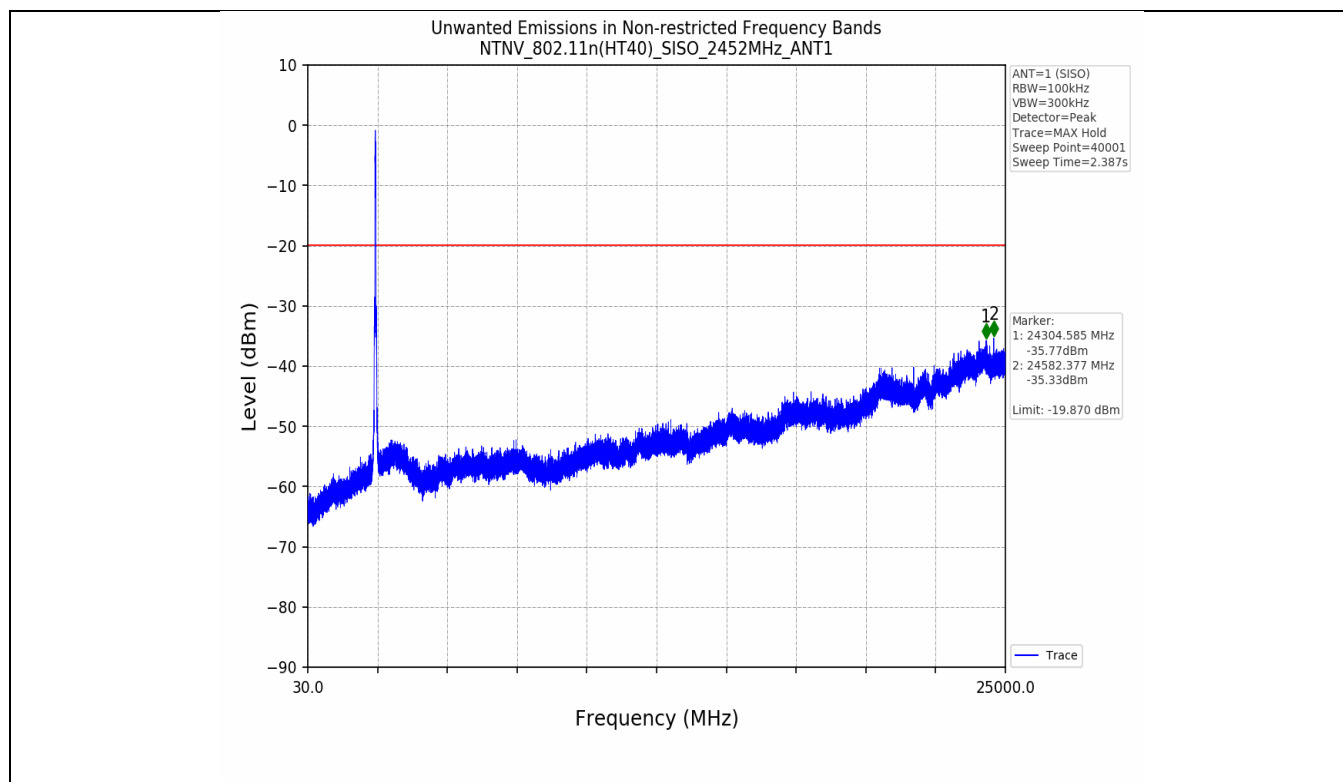
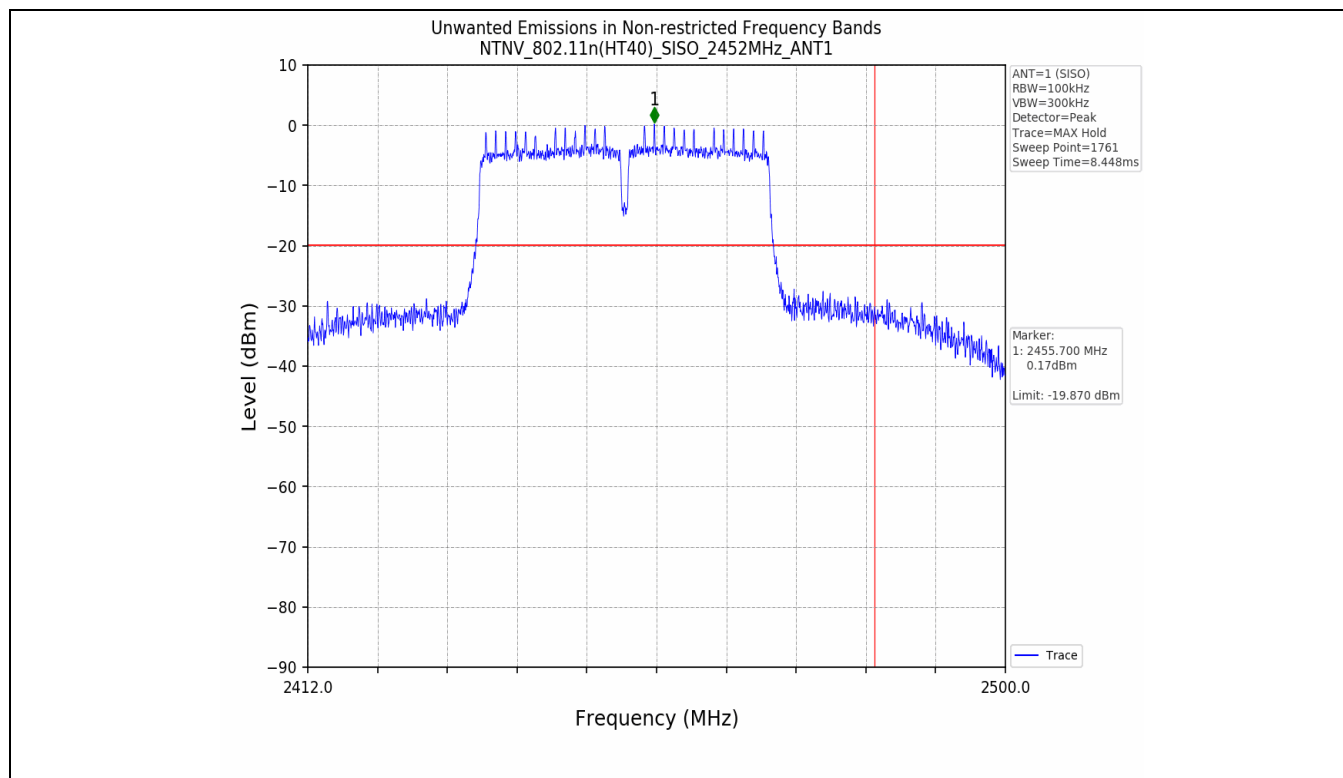












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