

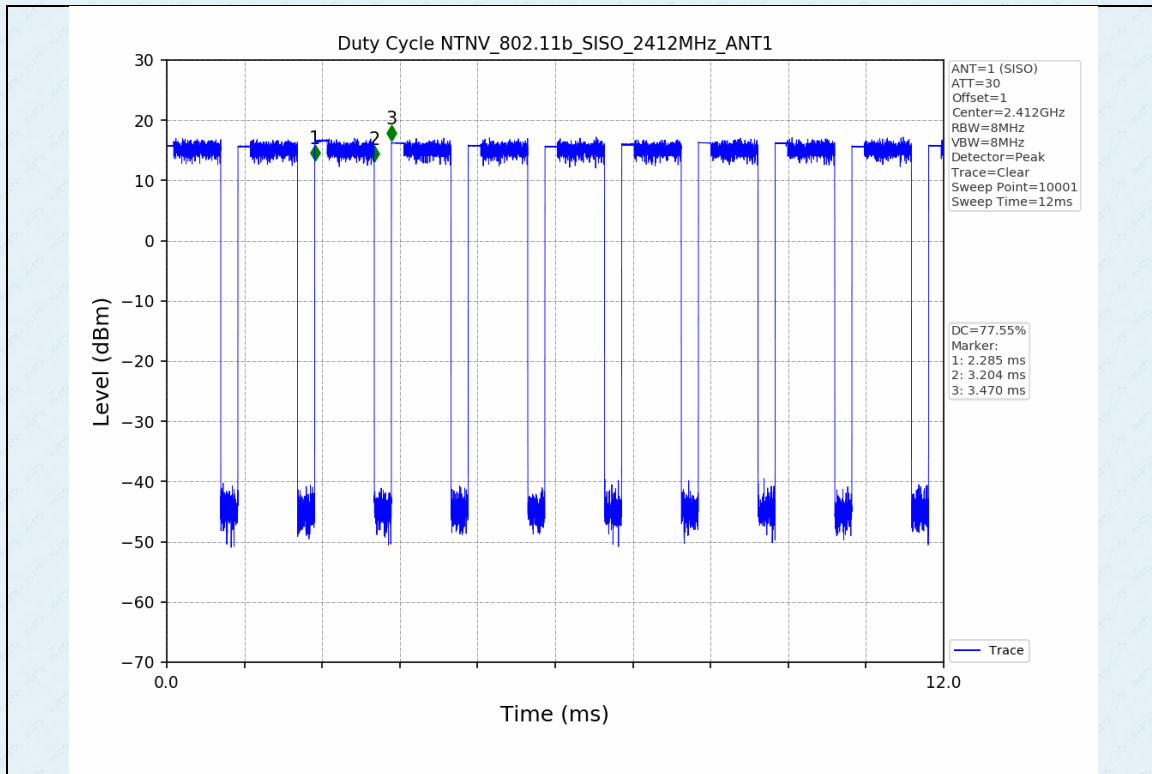
Appendix for 15.247

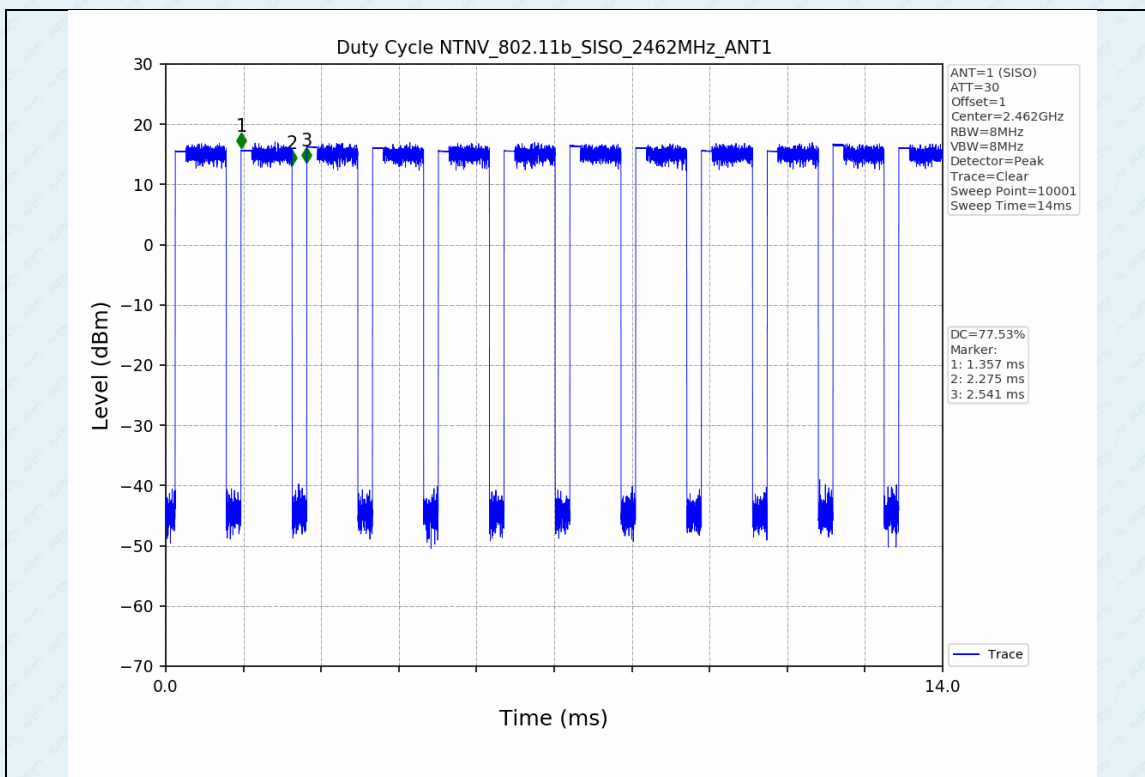
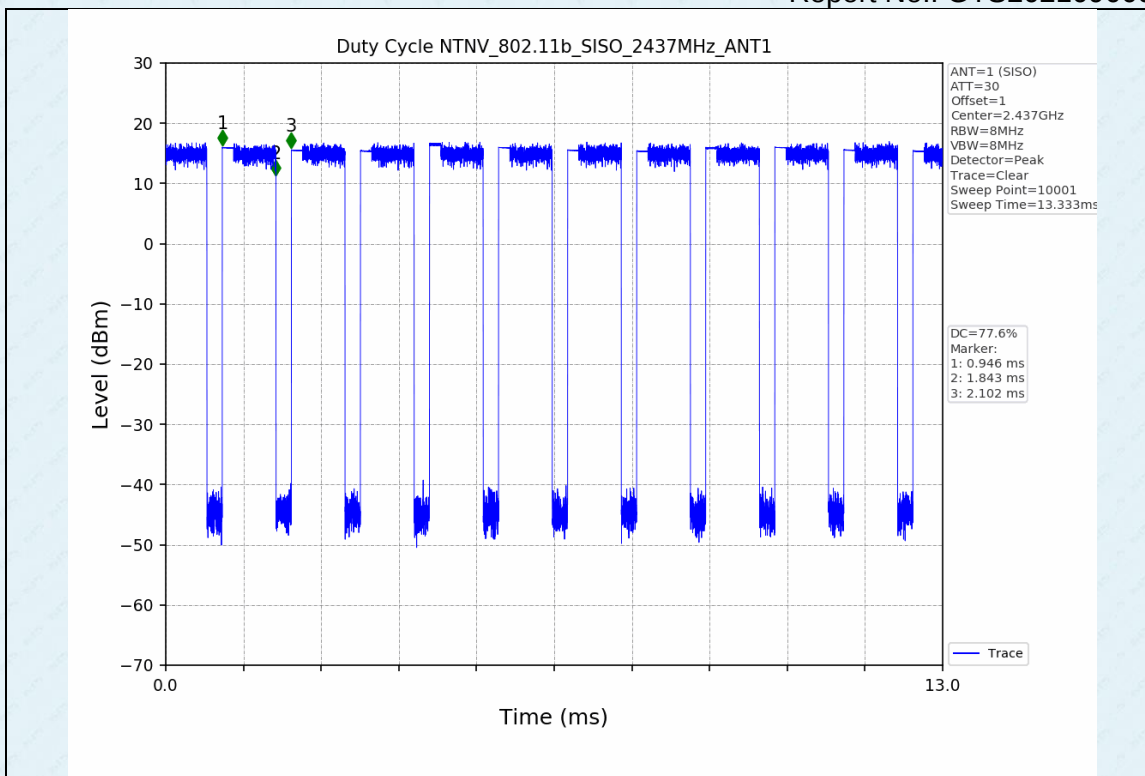
1. Duty Cycle

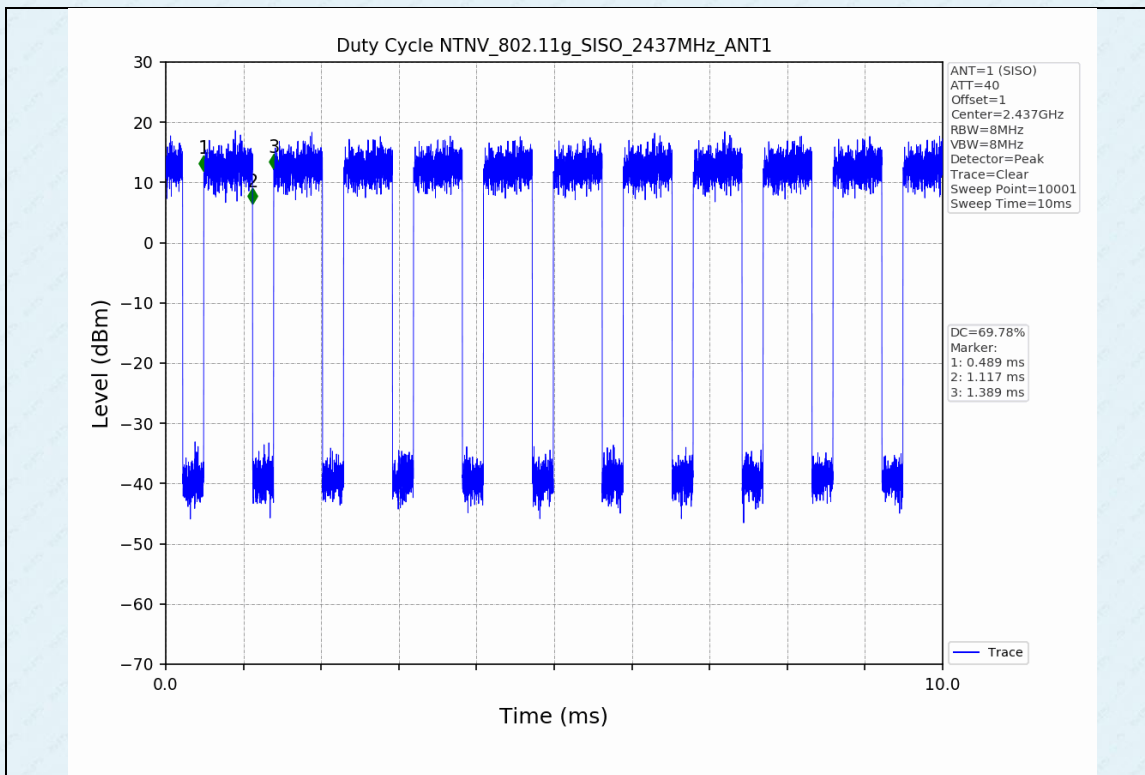
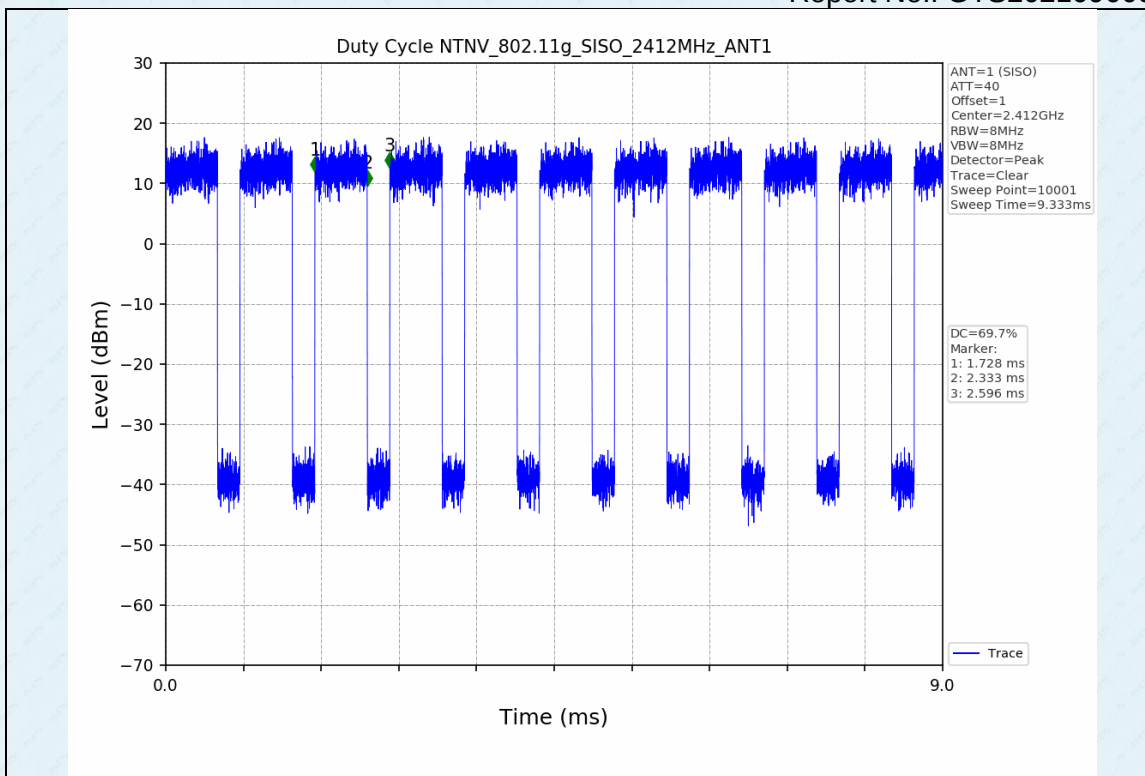
1.1 Test Result

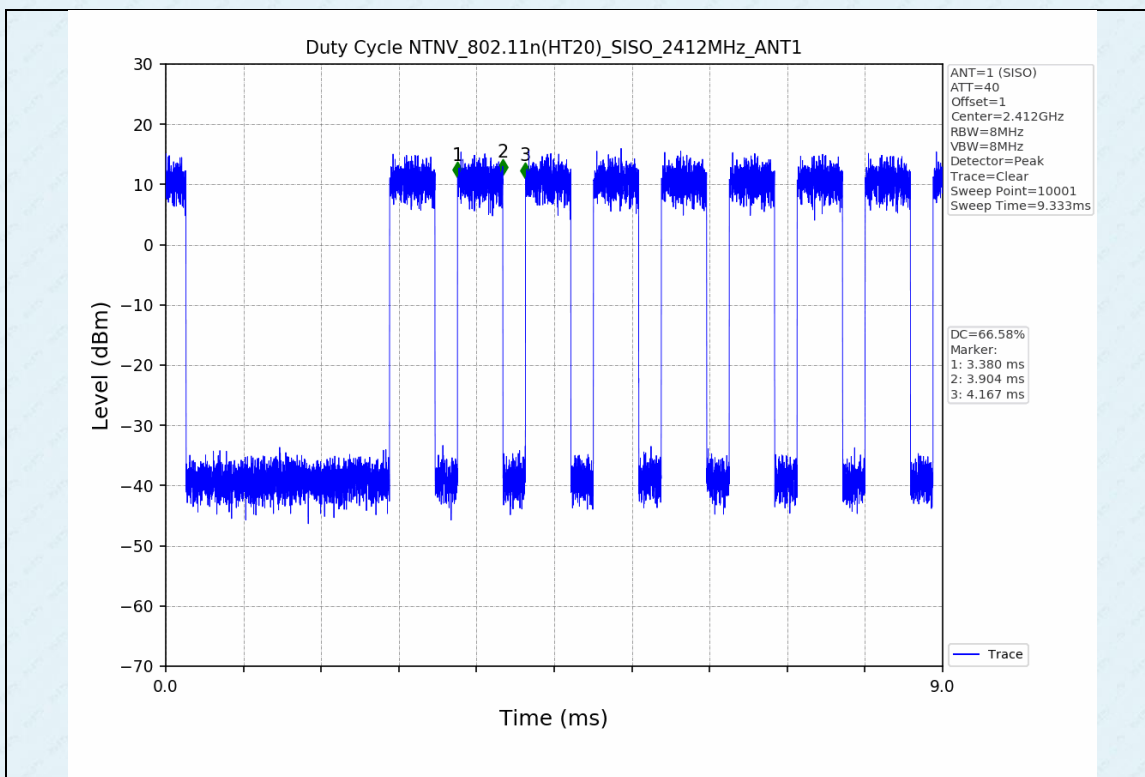
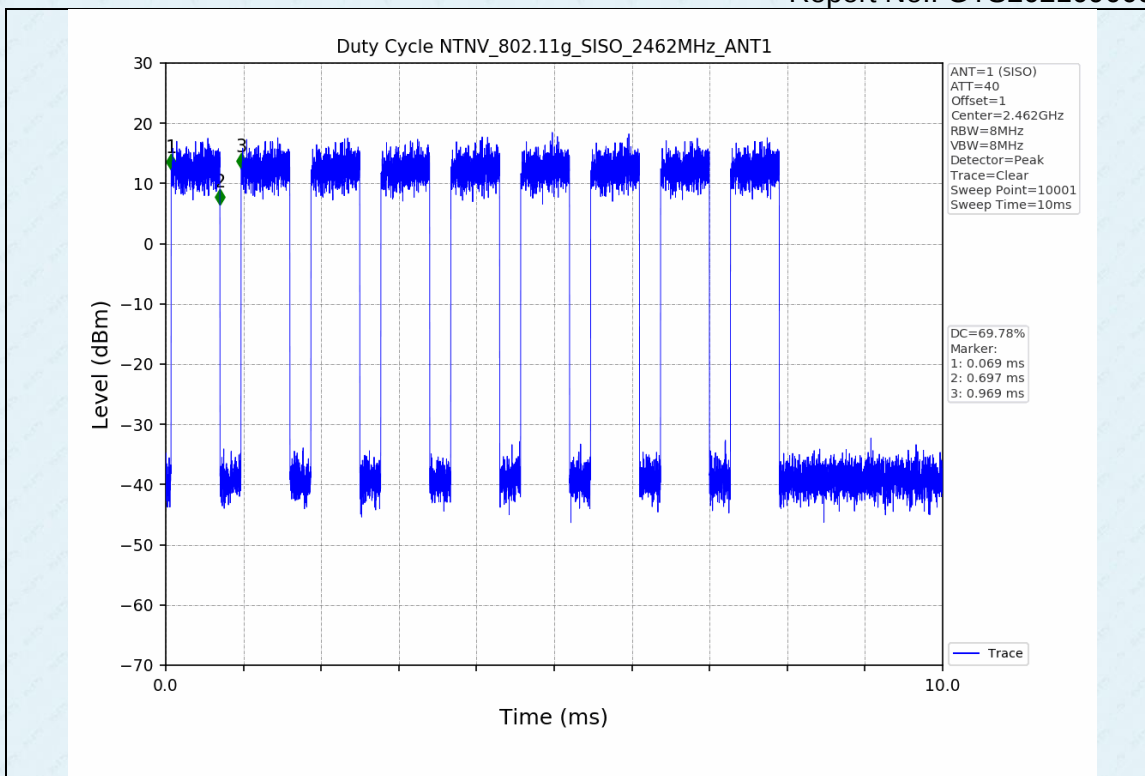
Test Mode	Channel Frequency(MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11b	2412	SISO	1	0.919	1.185	77.55	1.10
	2437	SISO	1	0.897	1.156	77.60	1.10
	2462	SISO	1	0.918	1.184	77.53	1.11
802.11g	2412	SISO	1	0.605	0.868	69.70	1.57
	2437	SISO	1	0.628	0.900	69.78	1.56
	2462	SISO	1	0.628	0.900	69.78	1.56
802.11n(HT20)	2412	SISO	1	0.524	0.787	66.58	1.77
	2437	SISO	1	0.524	0.787	66.58	1.77
	2462	SISO	1	0.523	0.786	66.54	1.77

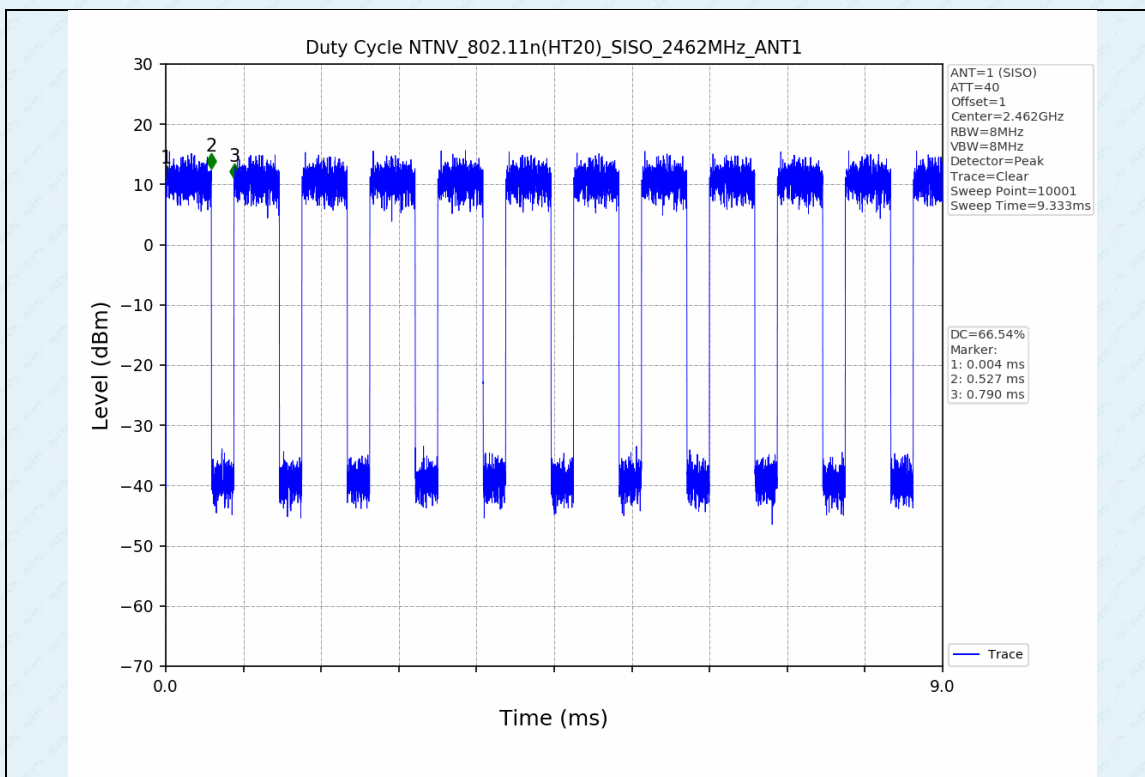
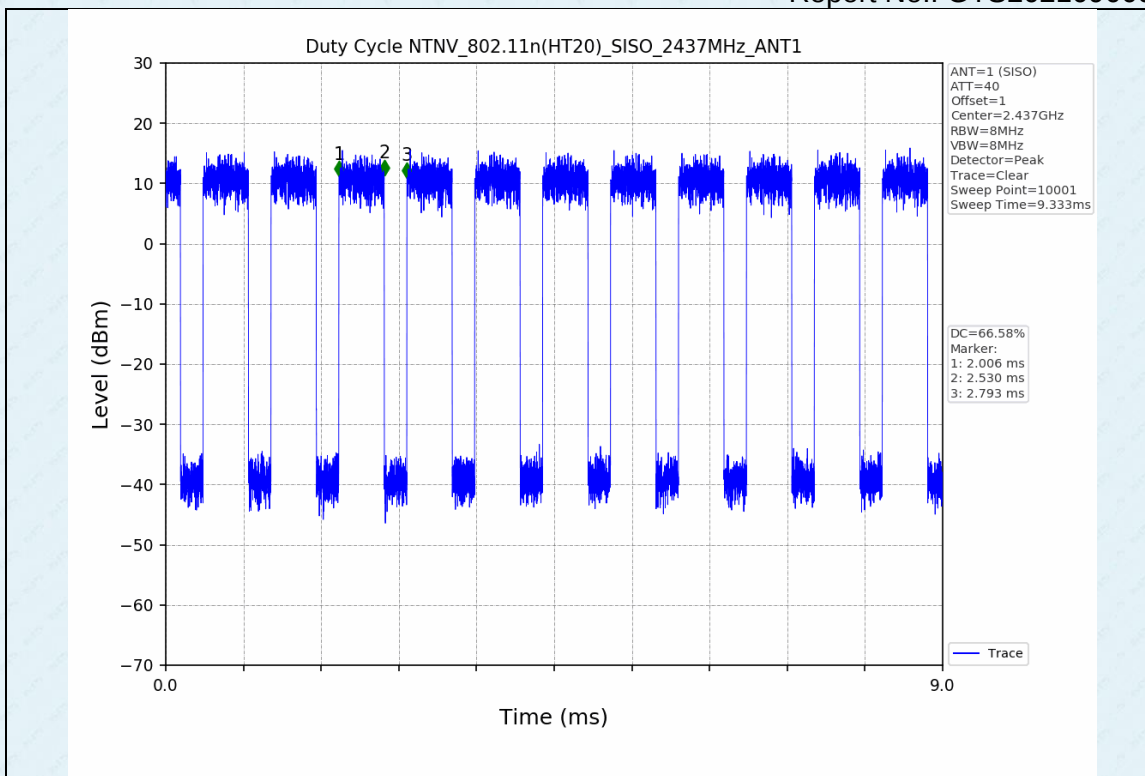
1.2 Test Graph











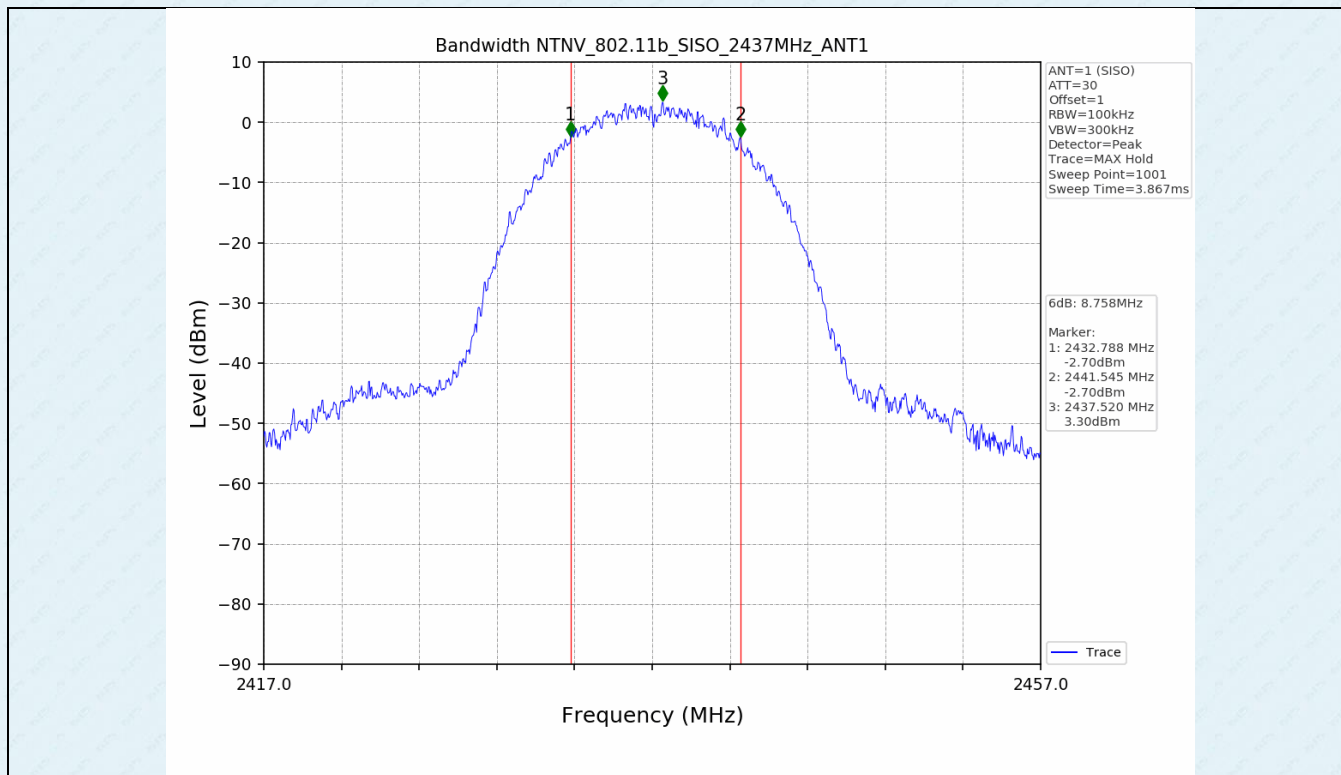
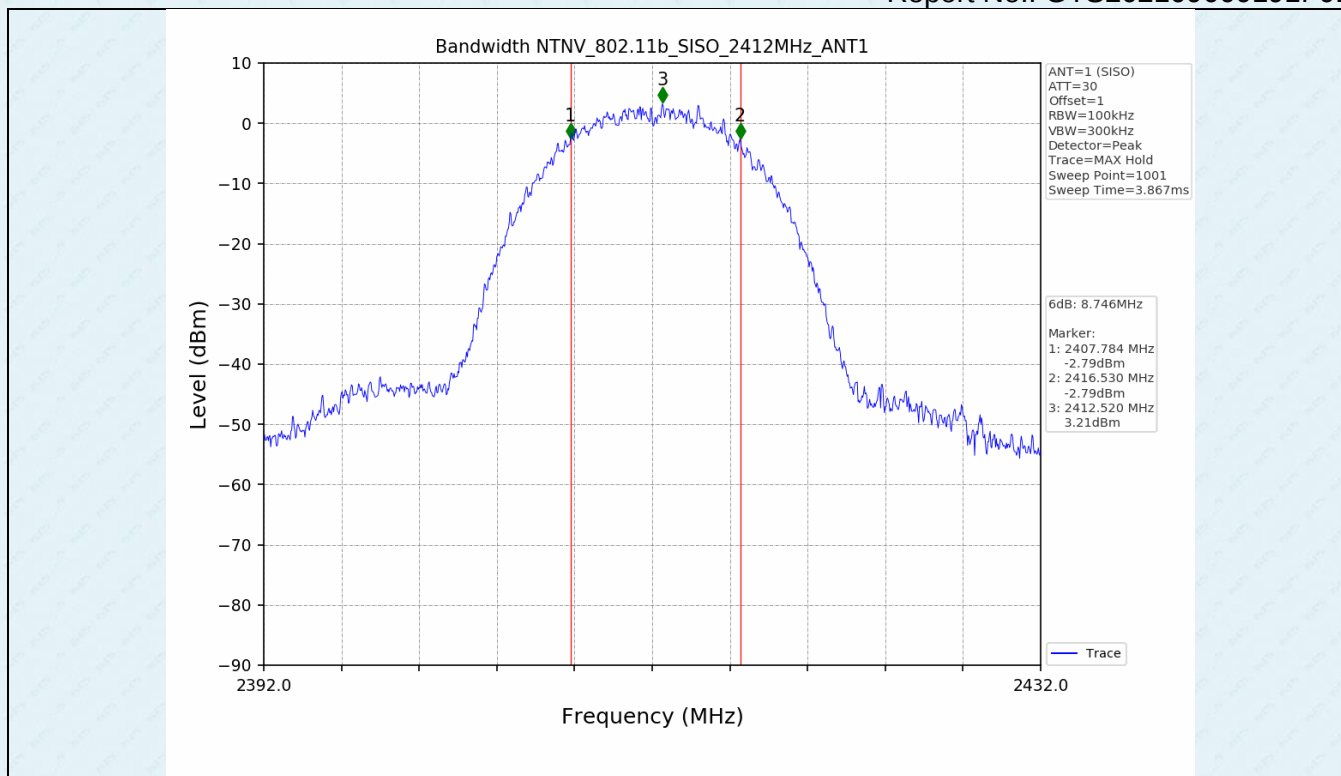
2. Bandwidth

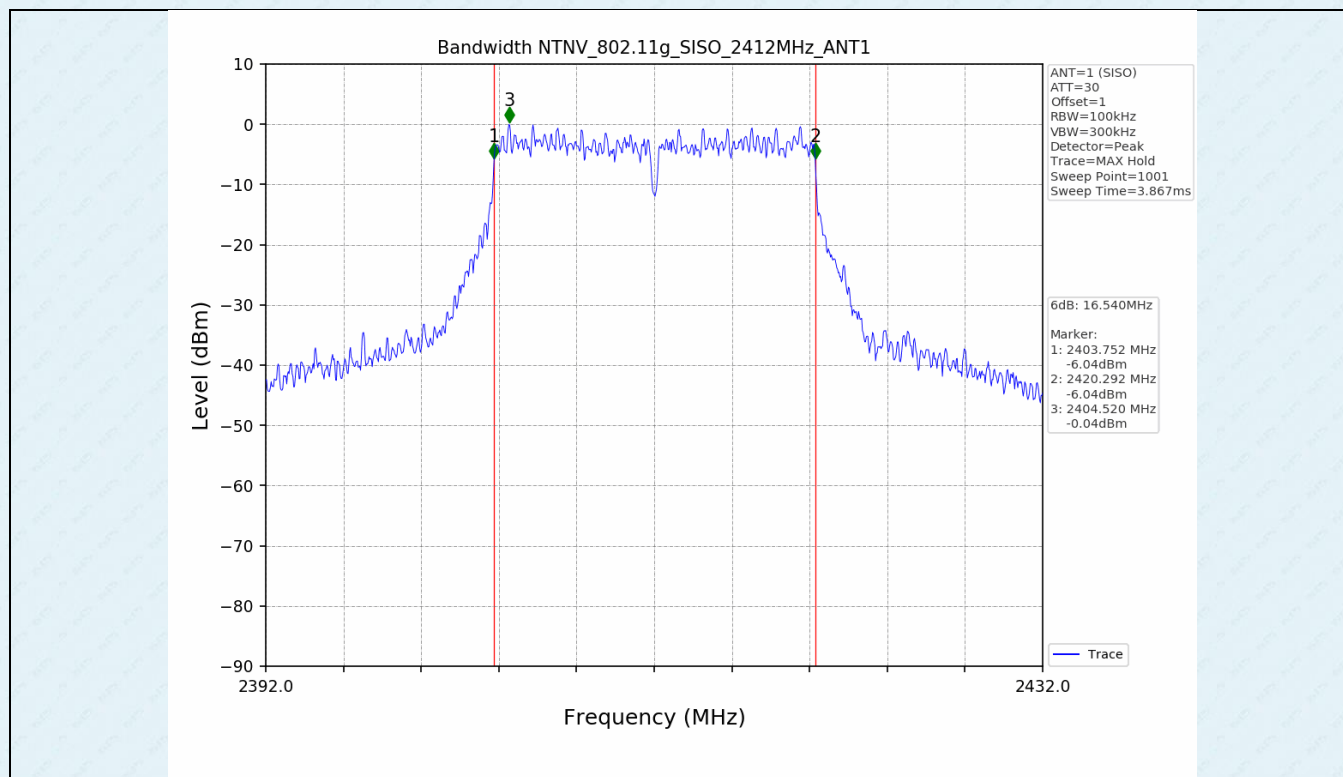
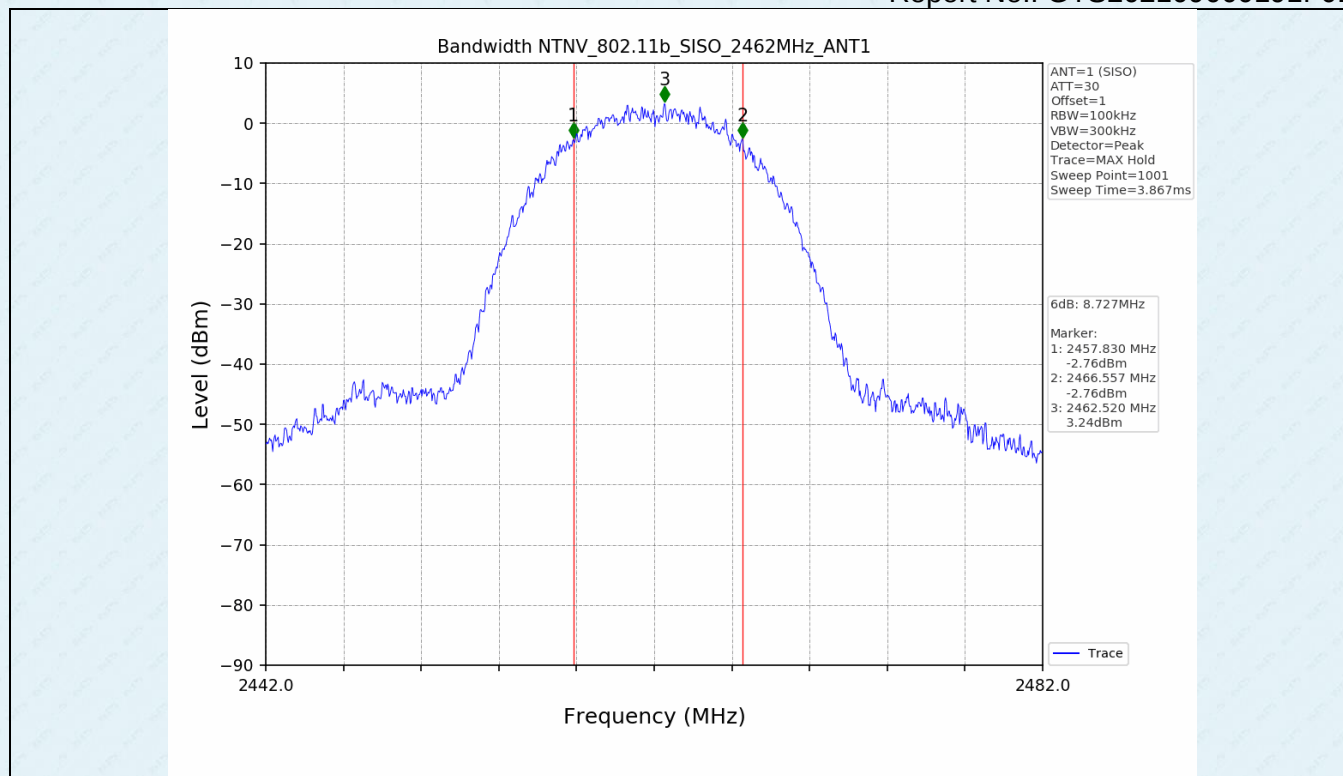
2.1 Test Result

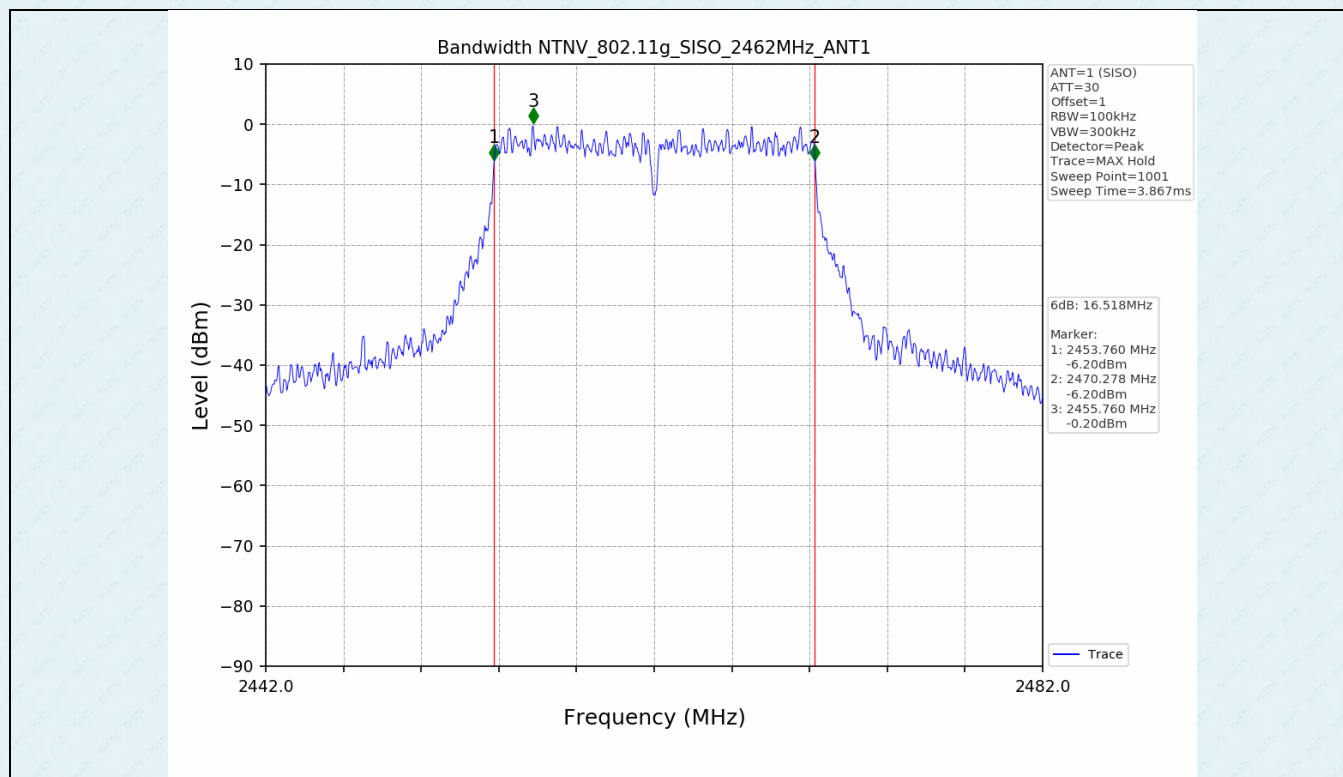
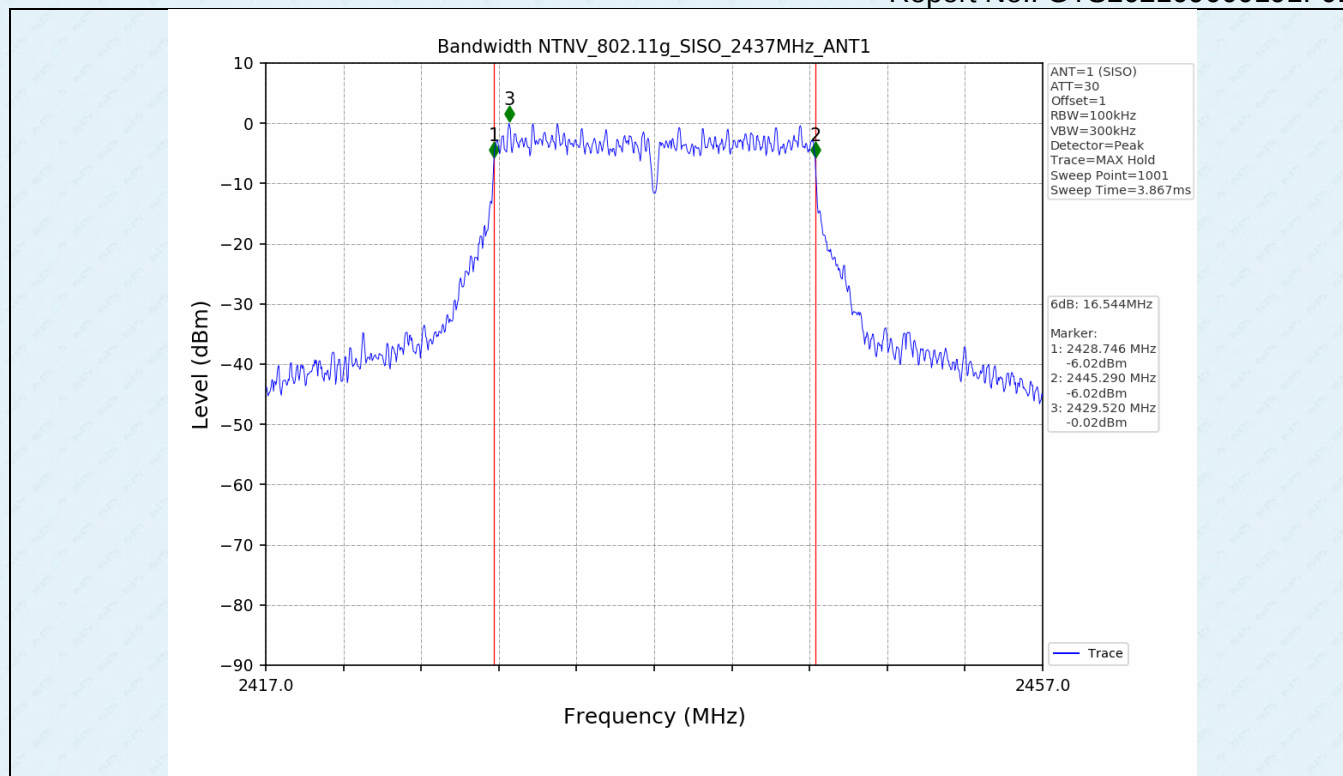
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11b	2412	SISO	1	8.746	≥0.5	PASS
	2437	SISO	1	8.758	≥0.5	PASS
	2462	SISO	1	8.727	≥0.5	PASS
802.11g	2412	SISO	1	16.540	≥0.5	PASS
	2437	SISO	1	16.544	≥0.5	PASS
	2462	SISO	1	16.518	≥0.5	PASS
802.11n(HT20)	2412	SISO	1	17.712	≥0.5	PASS
	2437	SISO	1	17.711	≥0.5	PASS
	2462	SISO	1	17.683	≥0.5	PASS

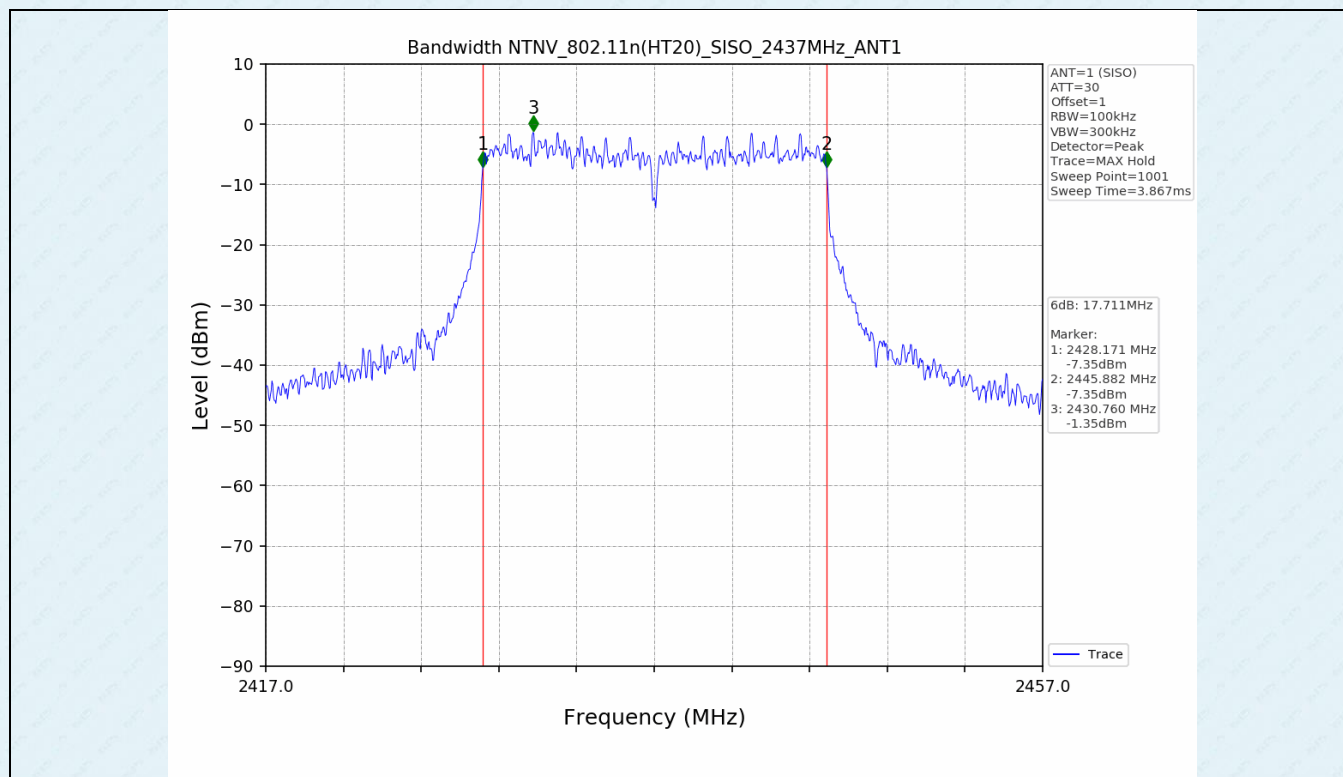
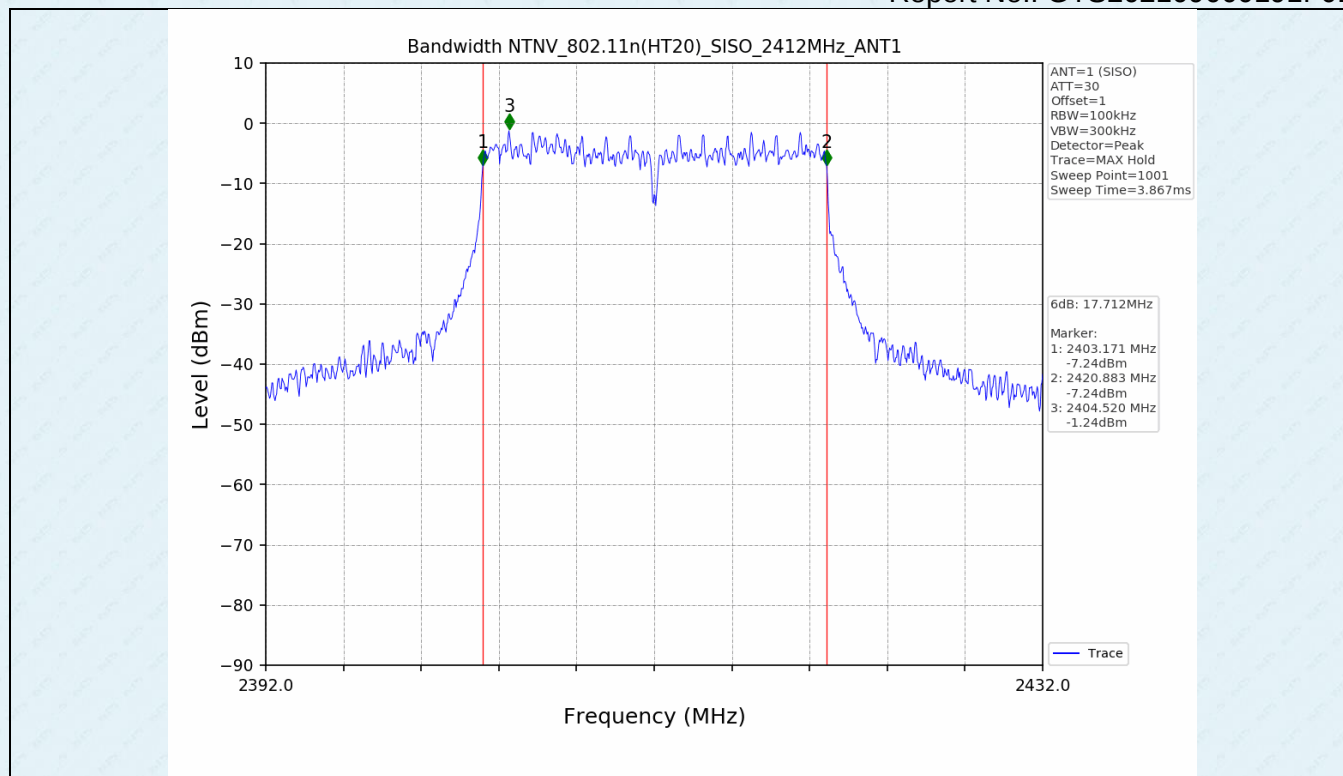
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	12.743	Only for Report Use
	2437	SISO	1	12.745	Only for Report Use
	2462	SISO	1	12.716	Only for Report Use
802.11g	2412	SISO	1	16.867	Only for Report Use
	2437	SISO	1	16.807	Only for Report Use
	2462	SISO	1	16.827	Only for Report Use
802.11n(HT20)	2412	SISO	1	17.801	Only for Report Use
	2437	SISO	1	17.792	Only for Report Use
	2462	SISO	1	17.767	Only for Report Use

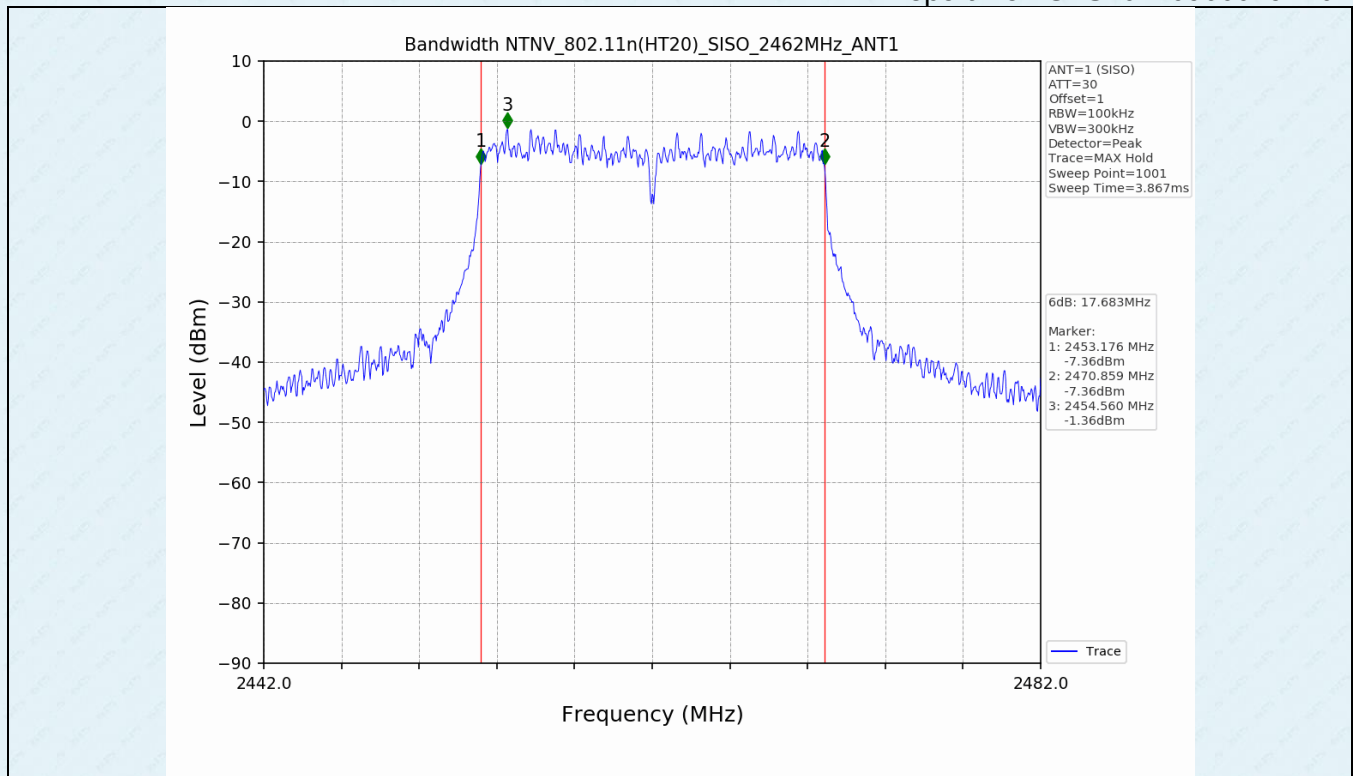
2.2 Test Graph - 6dB Bandwidth



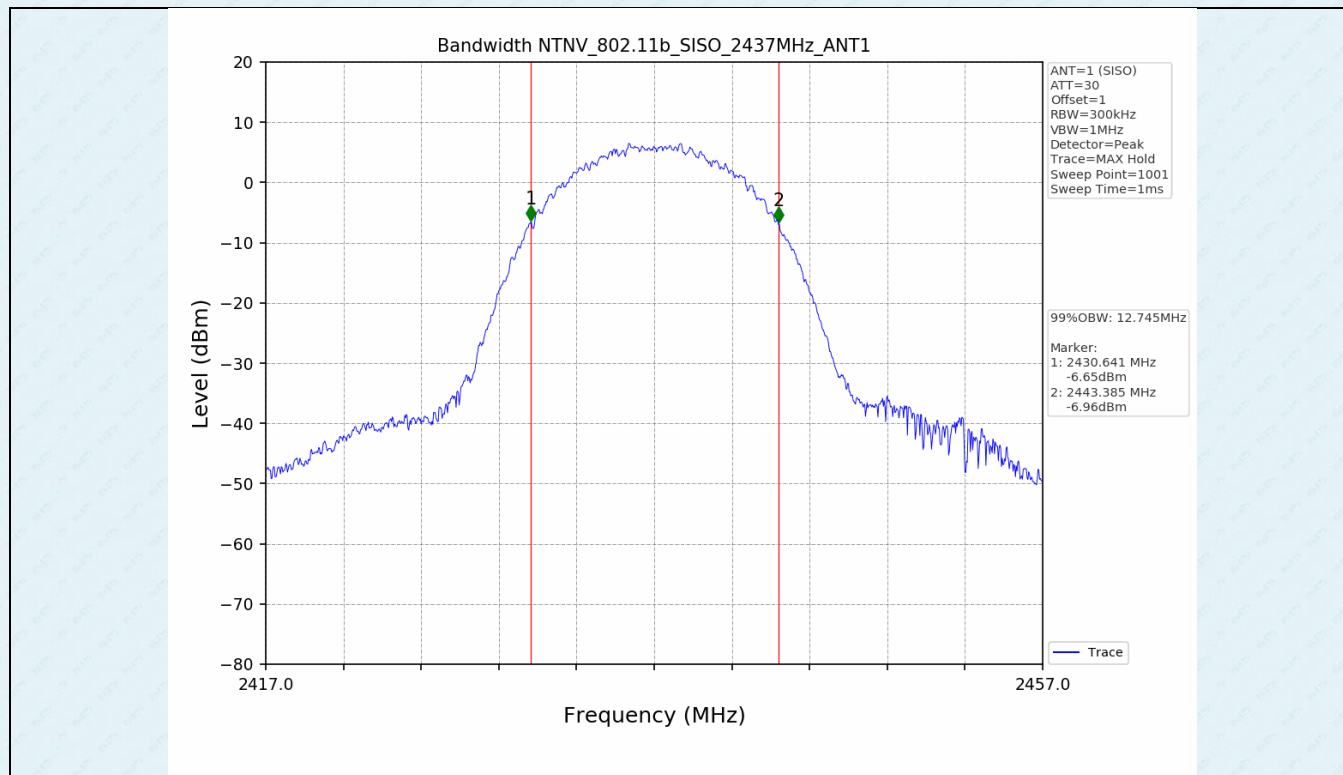
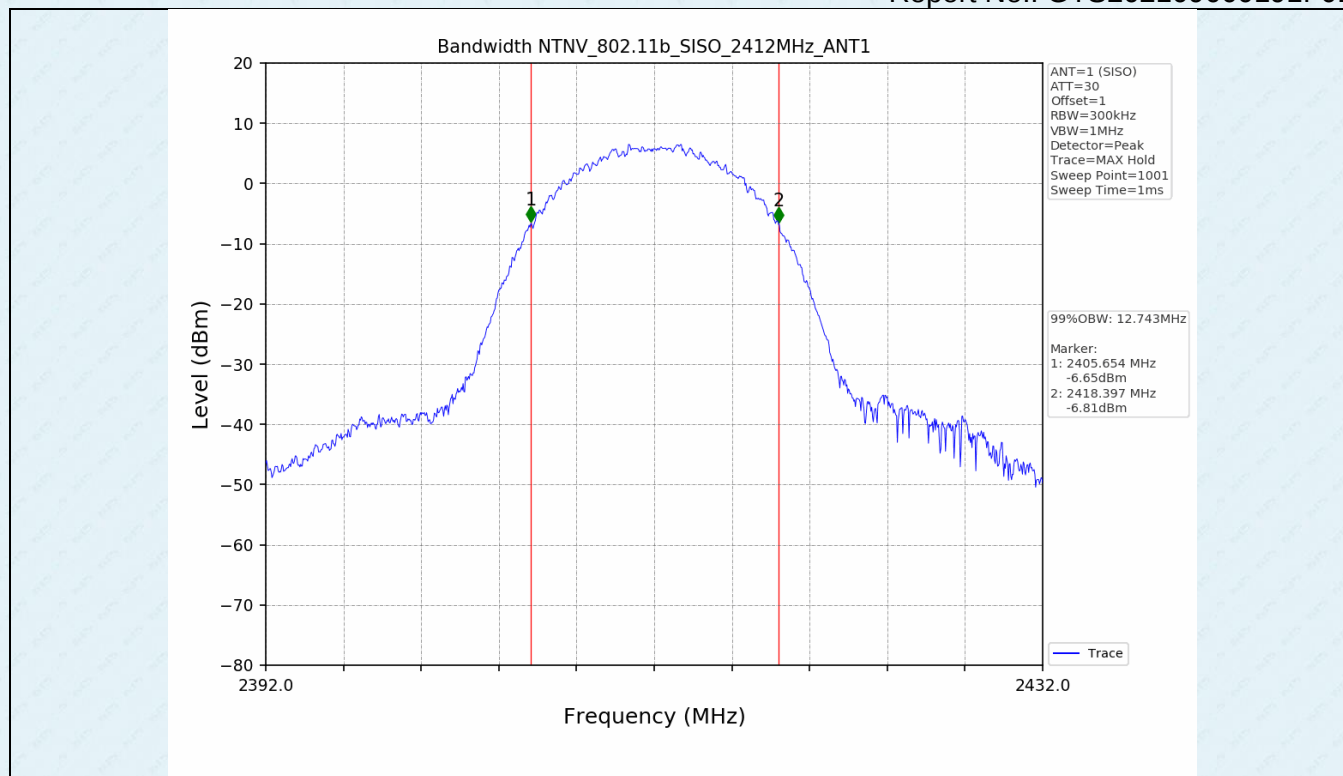


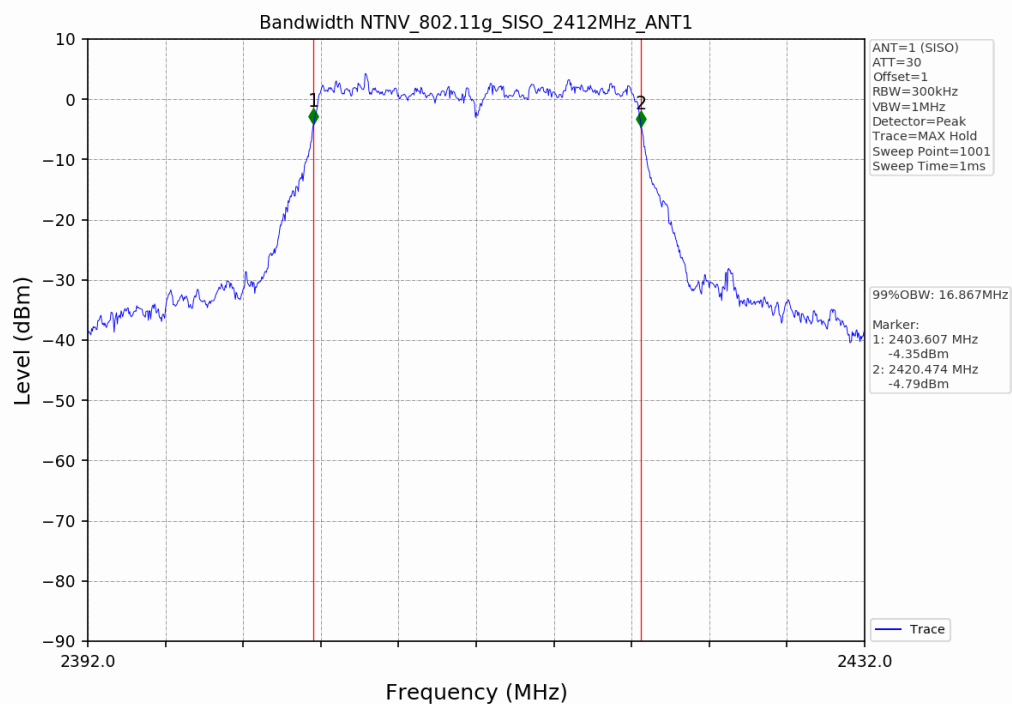
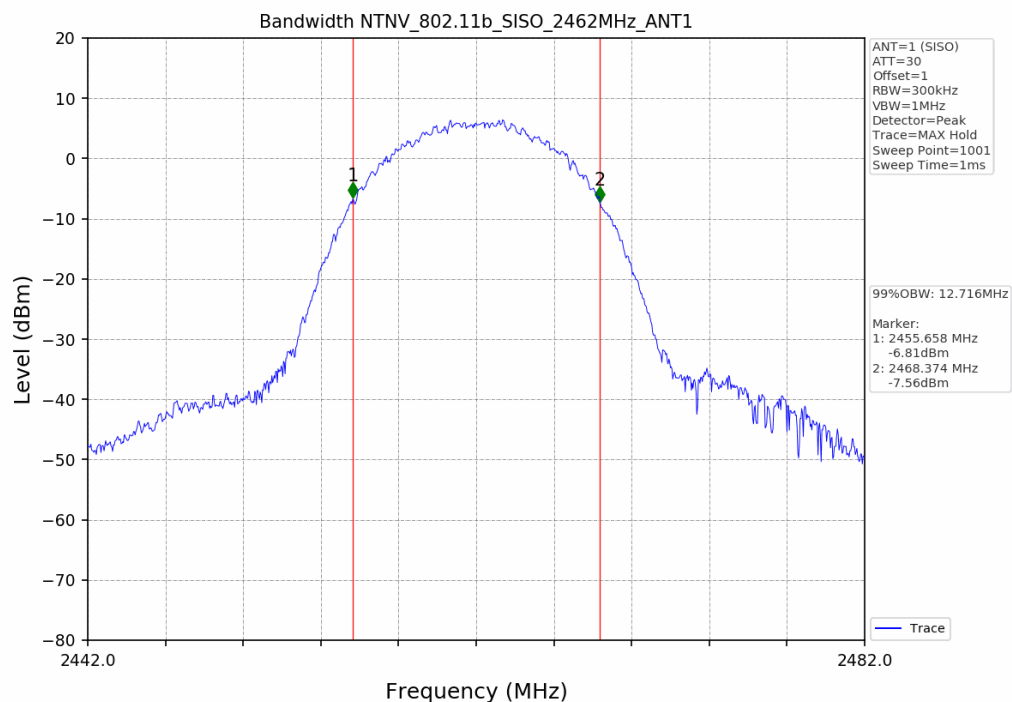


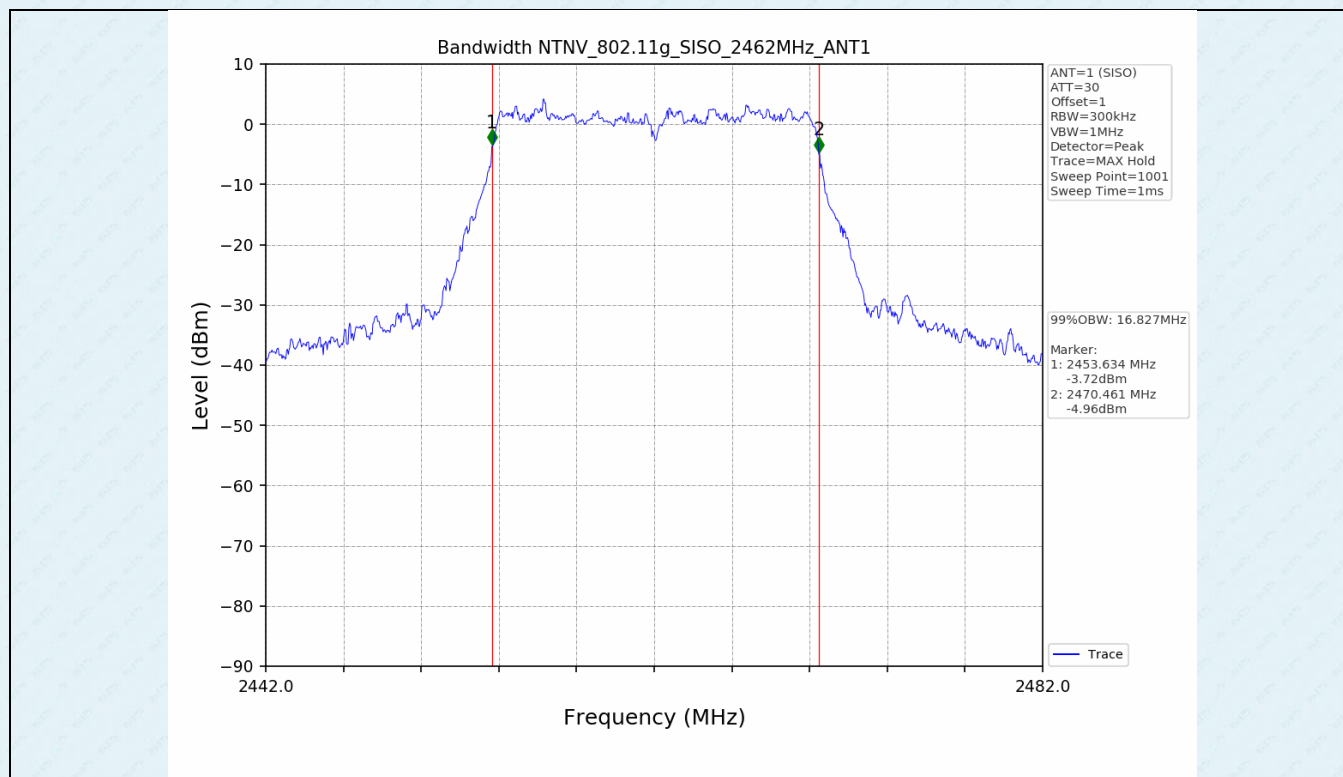
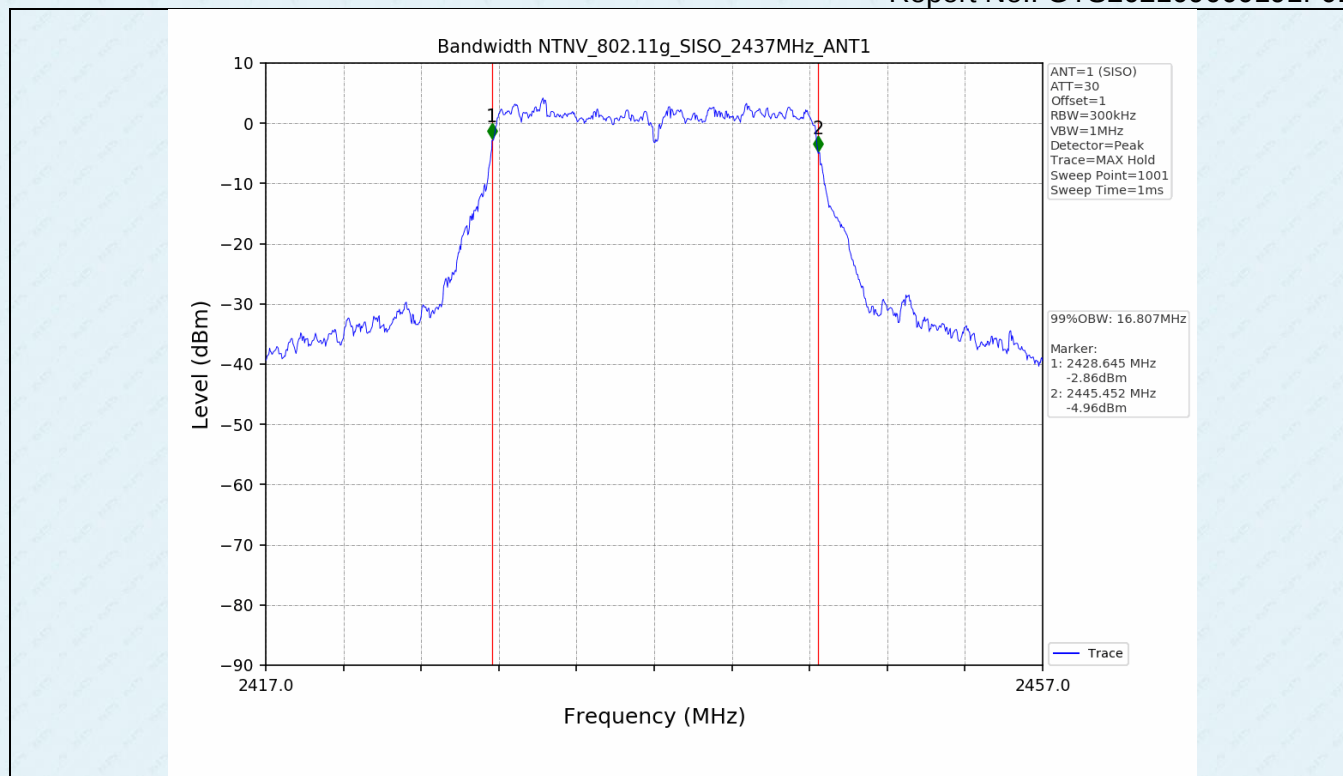


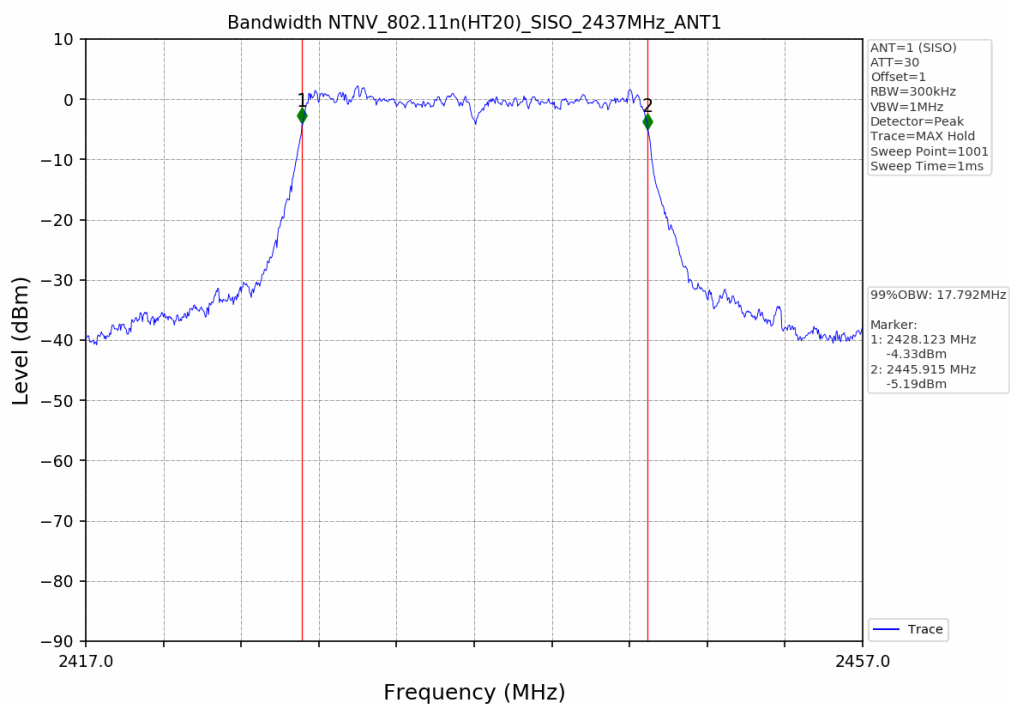
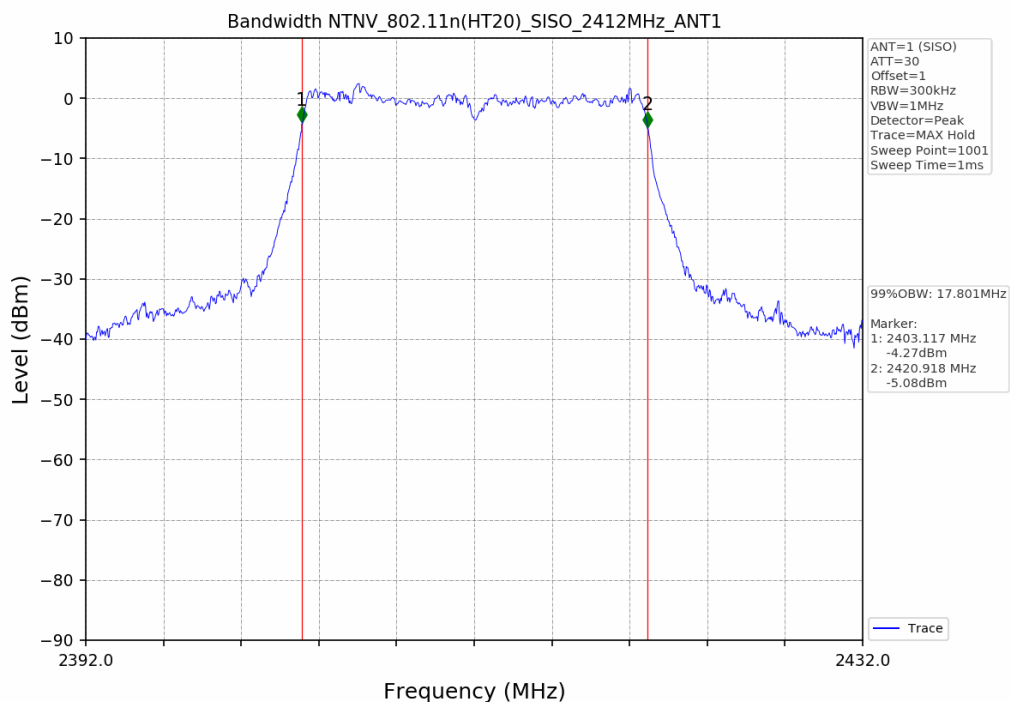


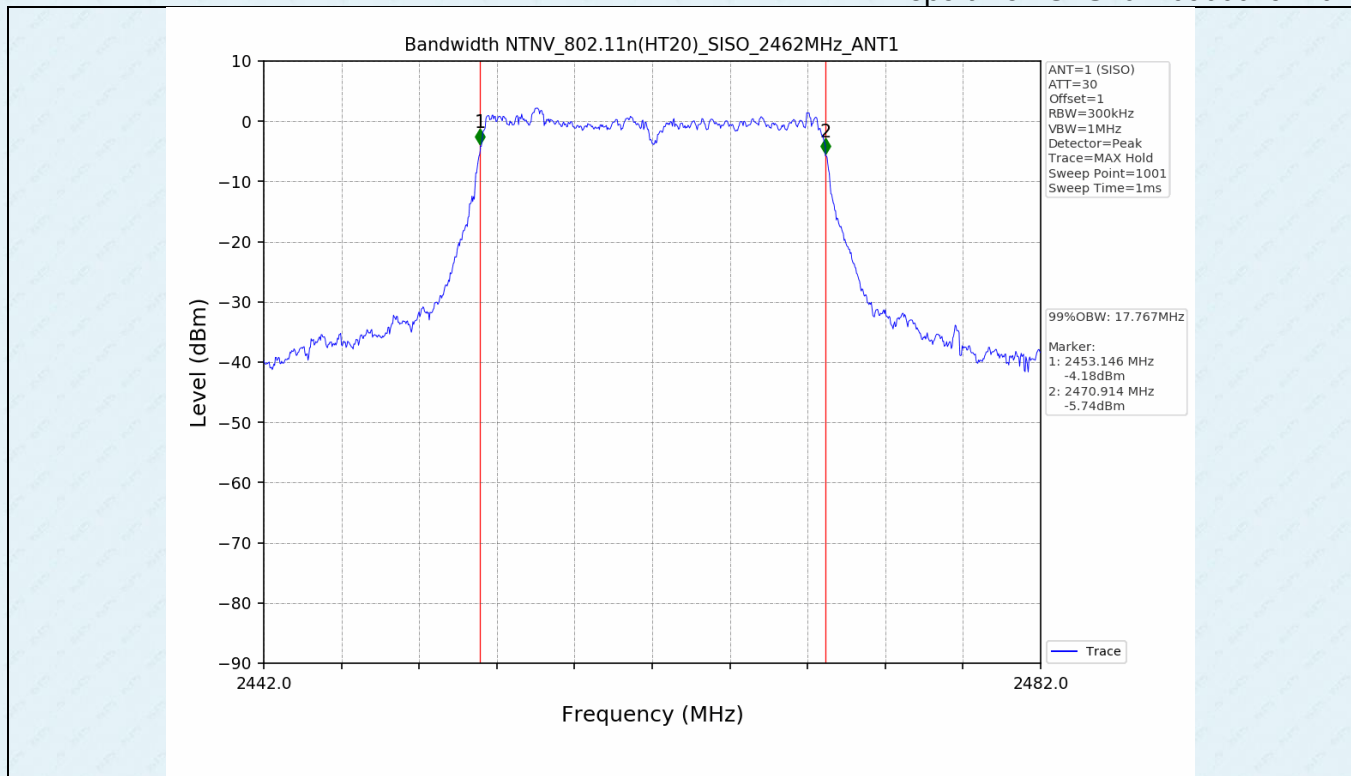
2.3 Test Graph - 99% Occupied Bandwidth











3. Maximum Conducted Output Power

3.1 Test Result

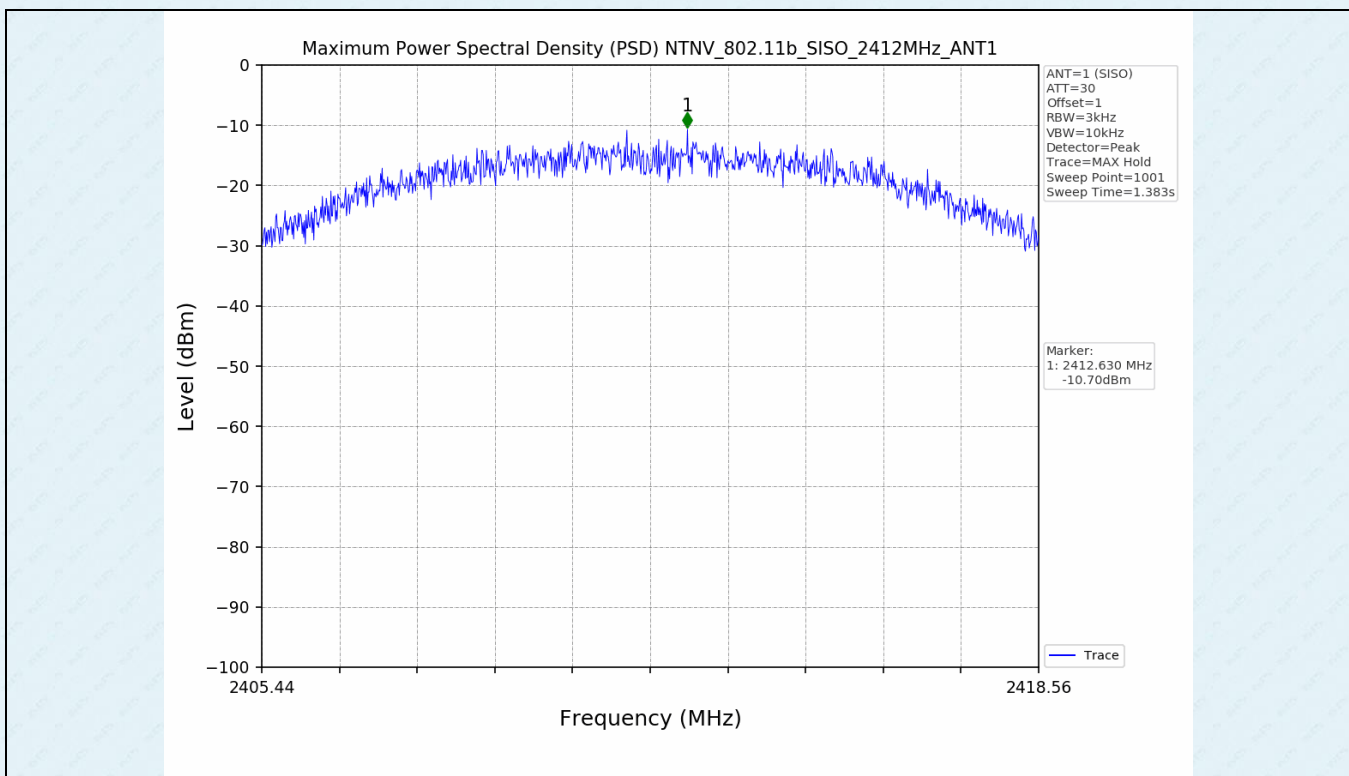
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
802.11b	2412	SISO	19.48	30	PASS
	2437	SISO	19.58	30	PASS
	2462	SISO	19.60	30	PASS
802.11g	2412	SISO	17.14	30	PASS
	2437	SISO	17.18	30	PASS
	2462	SISO	17.11	30	PASS
802.11n(HT20)	2412	SISO	17.95	30	PASS
	2437	SISO	17.86	30	PASS
	2462	SISO	17.73	30	PASS

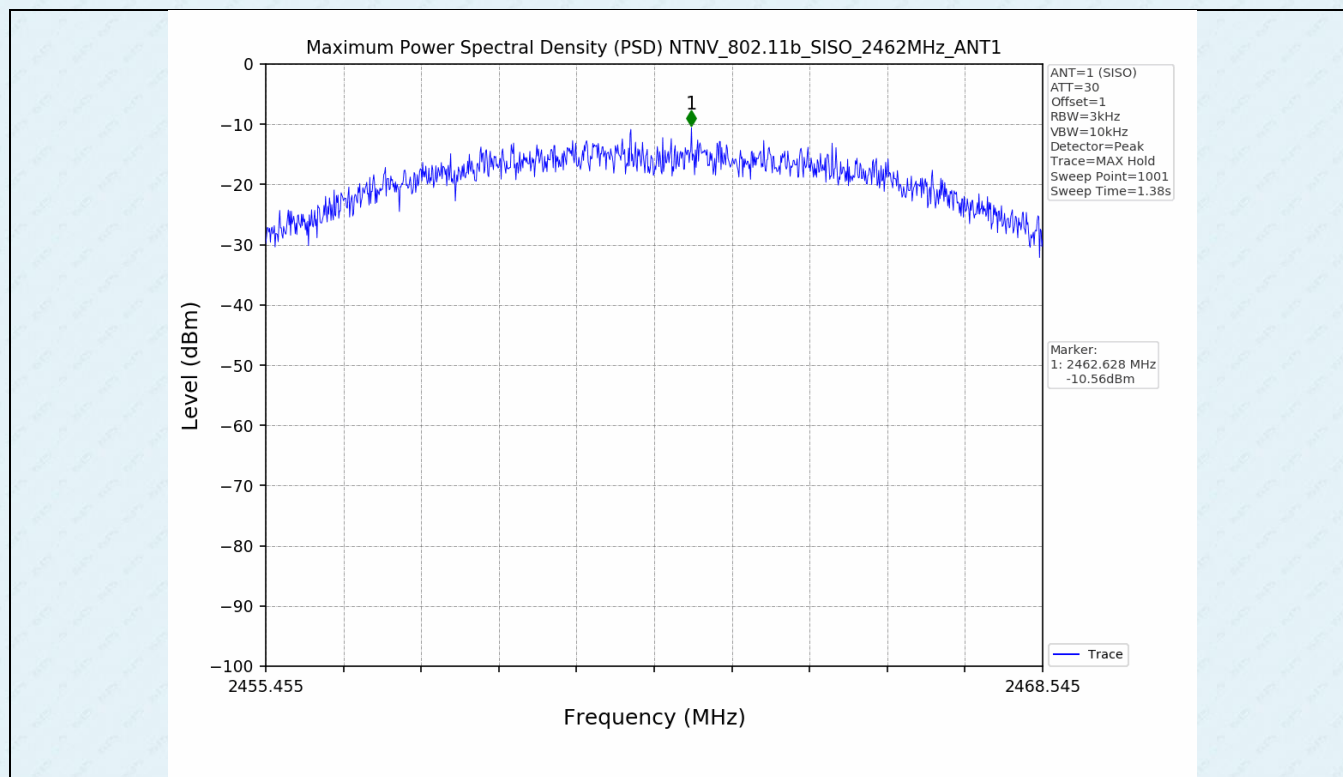
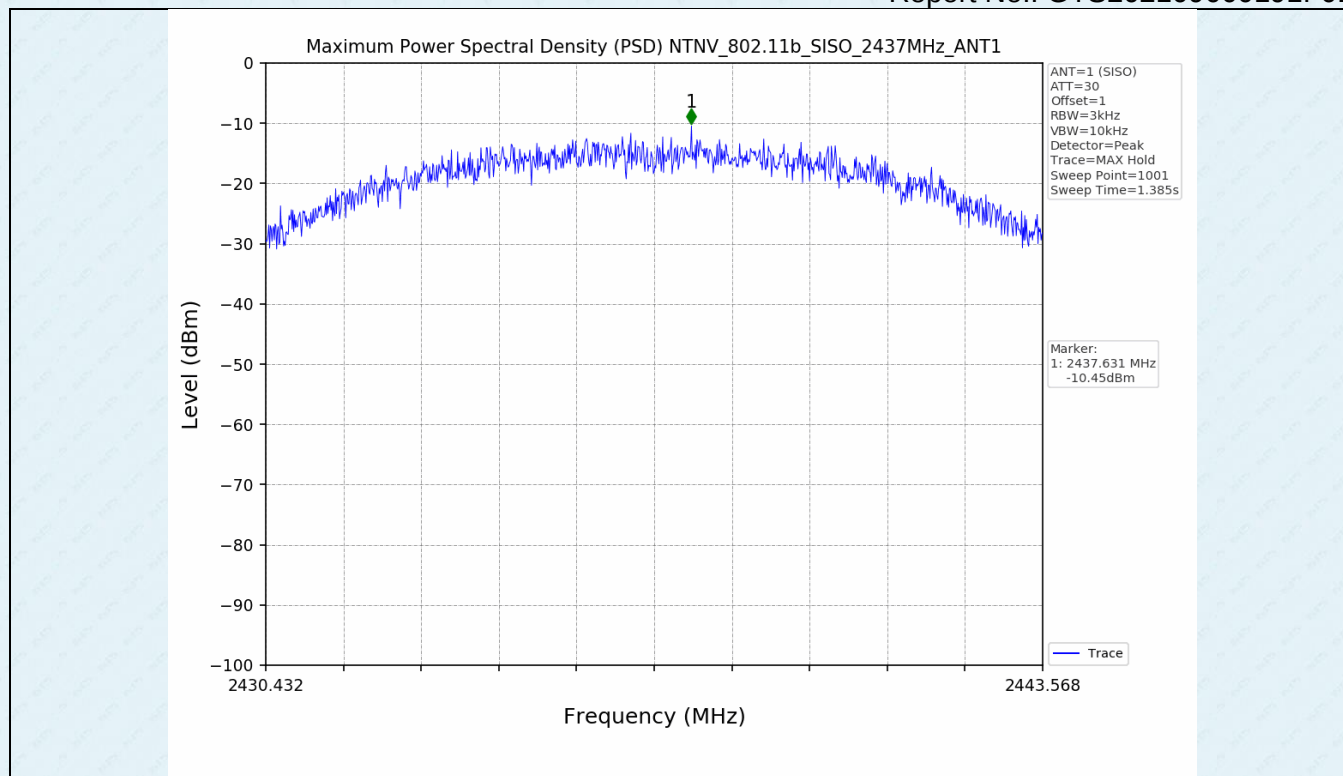
4. Maximum Power Spectral Density (PSD)

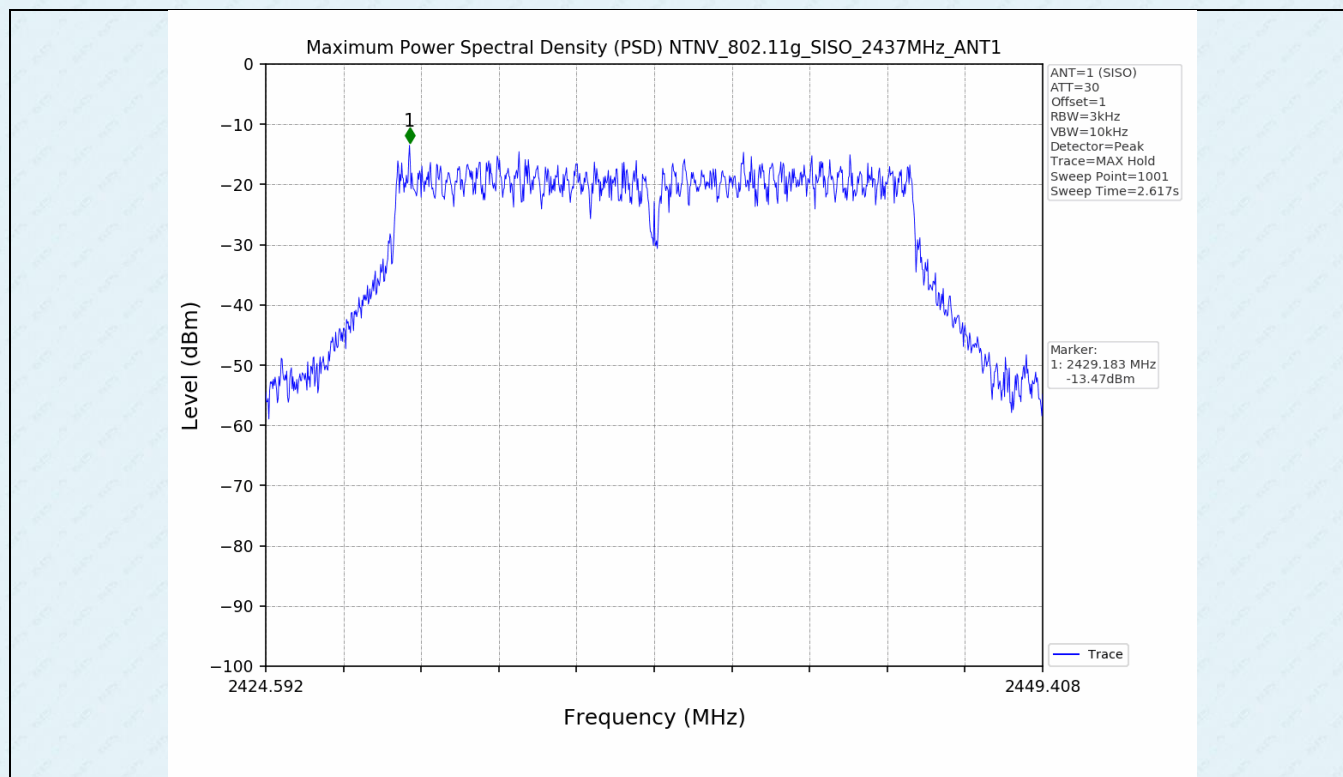
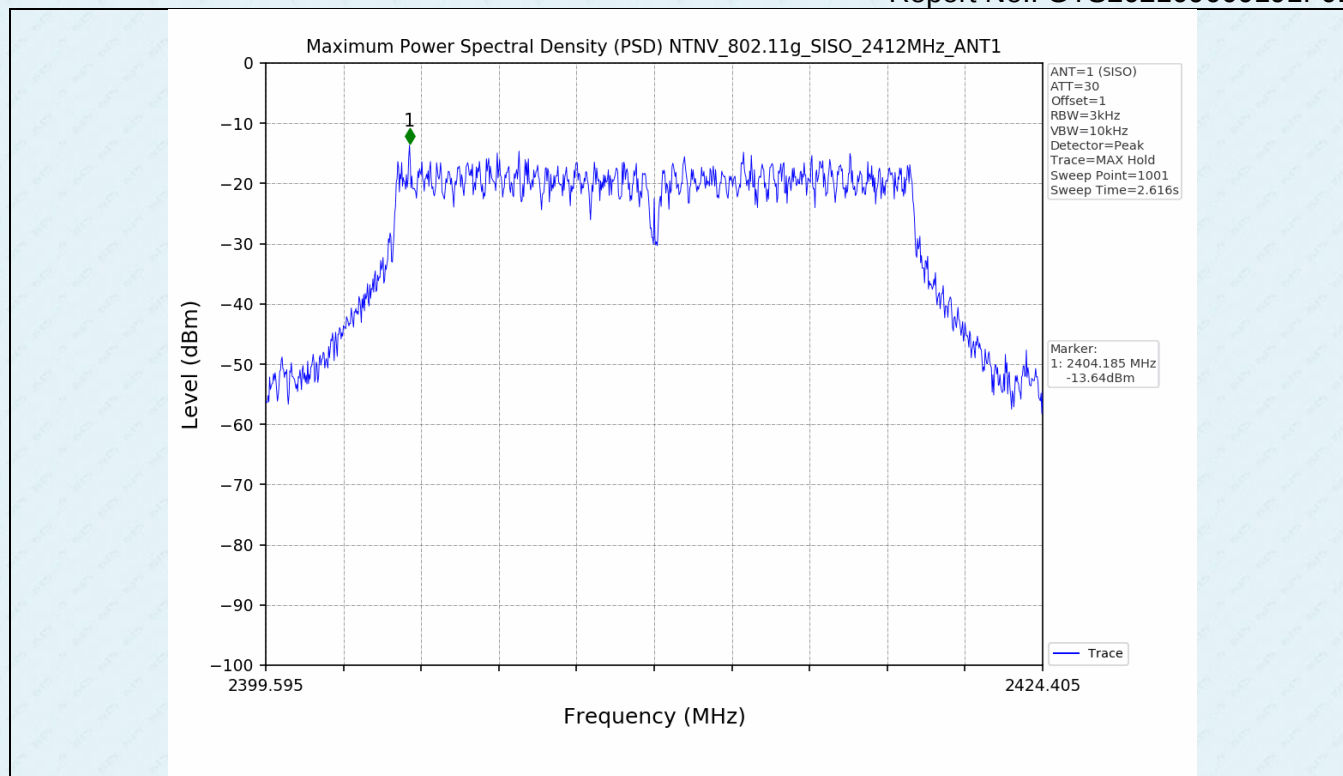
4.1 Test Result

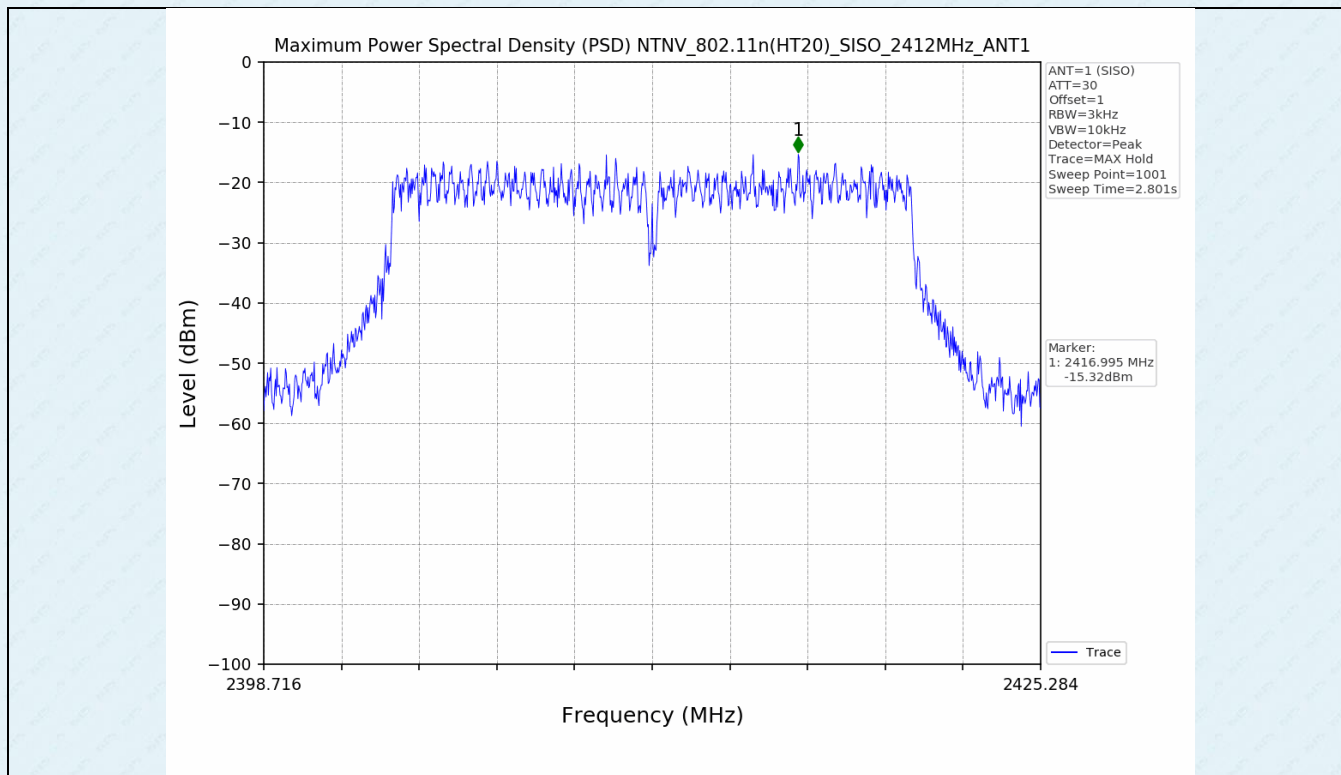
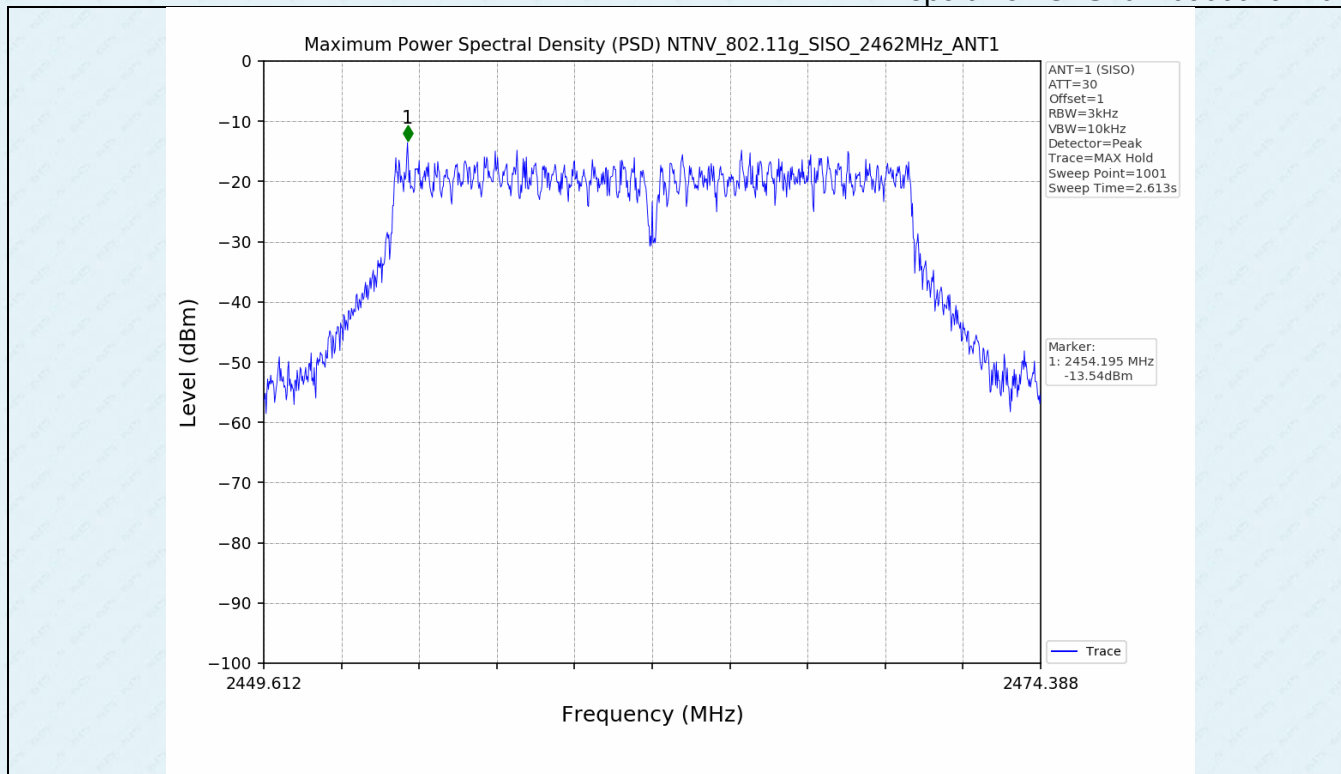
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3KHz)	Verdict
			Ant 1		
802.11b	2412	SISO	-10.70	≤8	PASS
	2437	SISO	-10.45	≤8	PASS
	2462	SISO	-10.56	≤8	PASS
802.11g	2412	SISO	-13.64	≤8	PASS
	2437	SISO	-13.47	≤8	PASS
	2462	SISO	-13.54	≤8	PASS
802.11n(HT20)	2412	SISO	-15.32	≤8	PASS
	2437	SISO	-15.26	≤8	PASS
	2462	SISO	-15.34	≤8	PASS

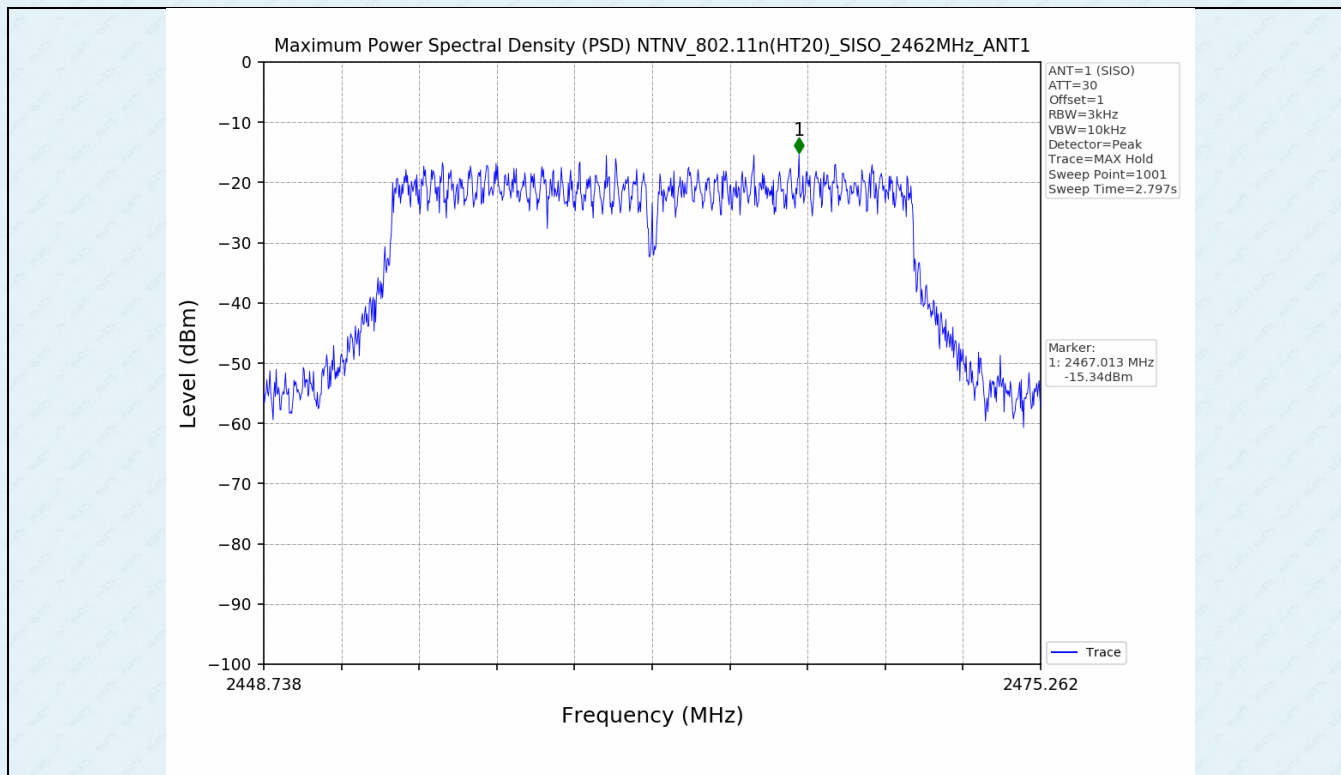
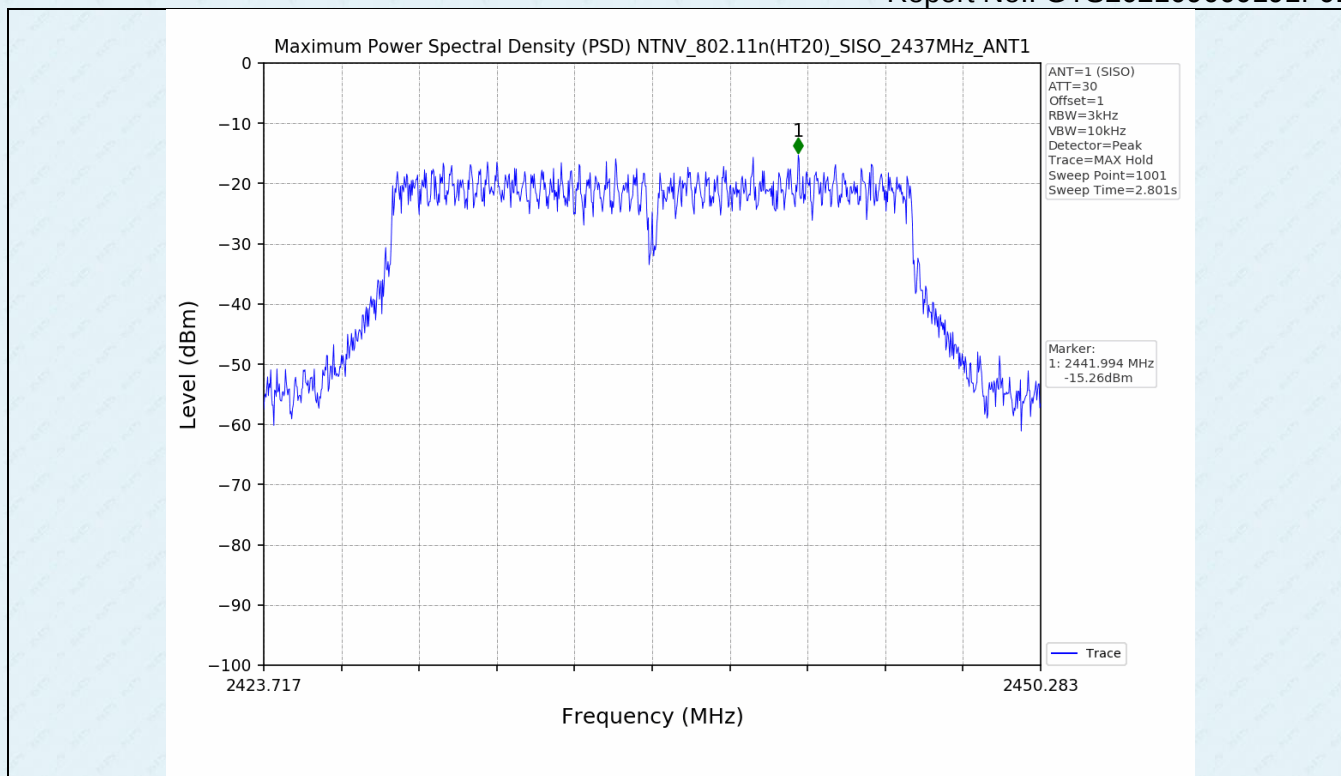
4.2 Test Graph









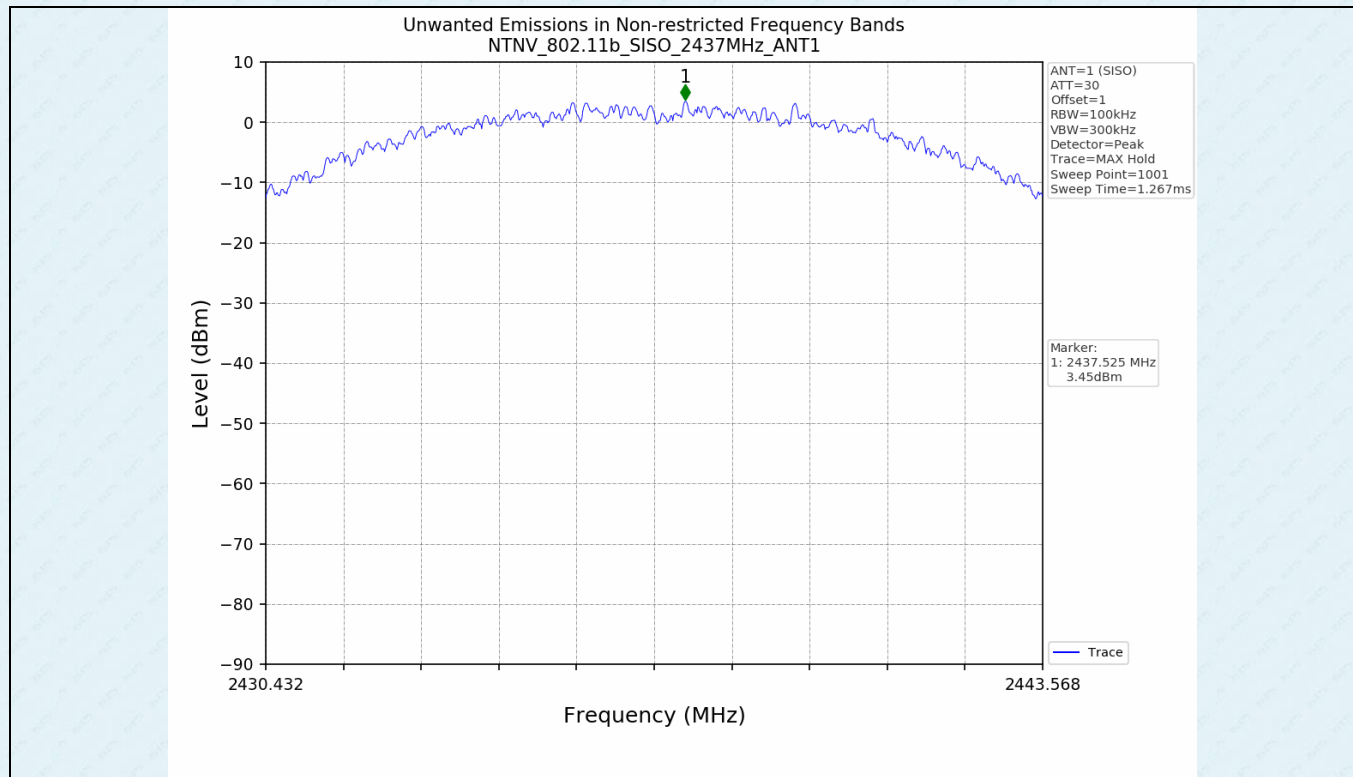


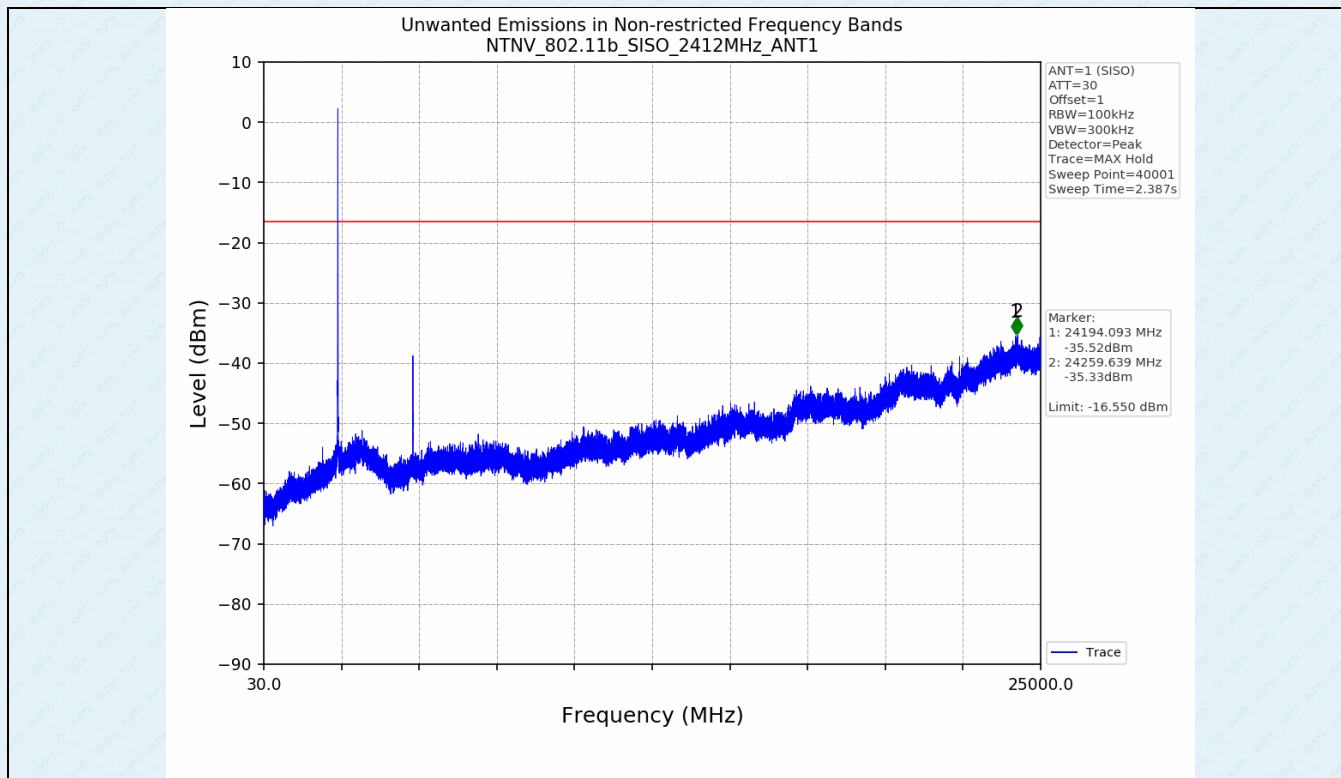
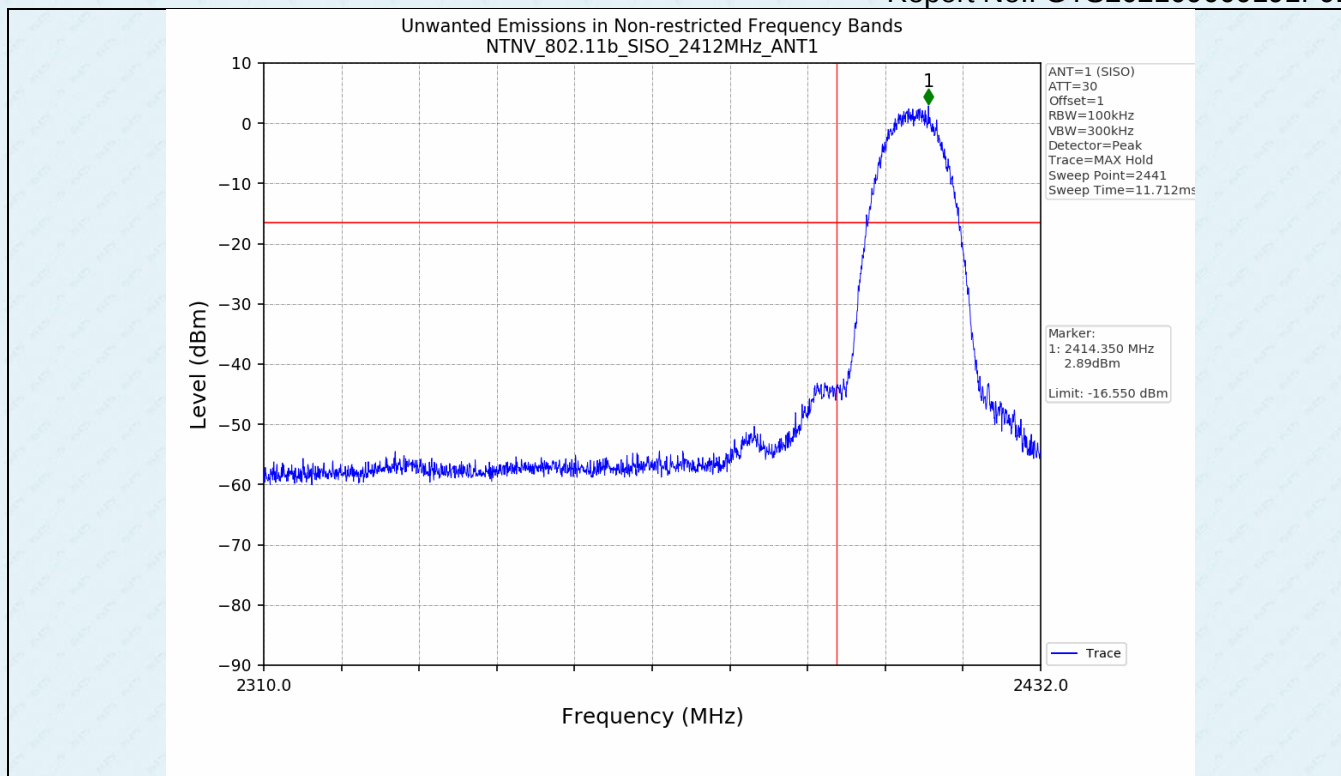
5. Unwanted Emissions in Non-restricted Frequency Bands

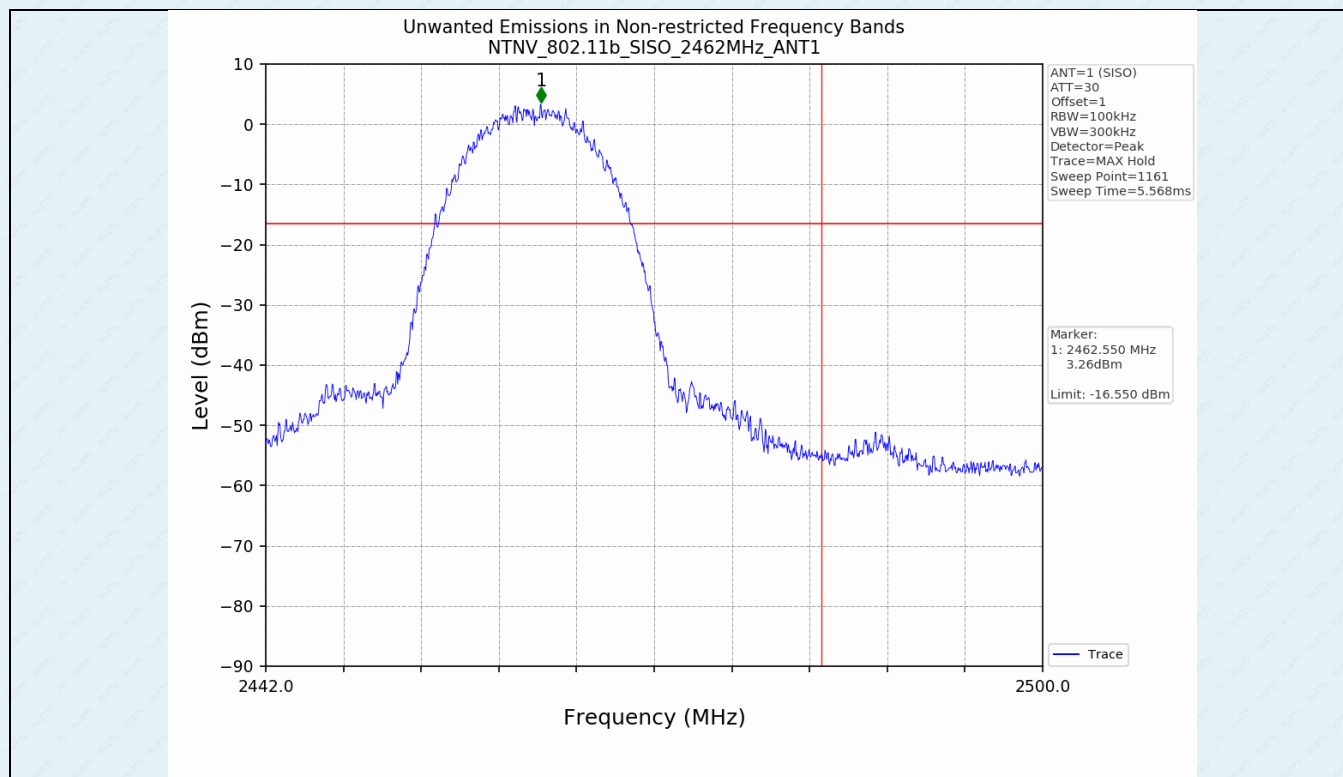
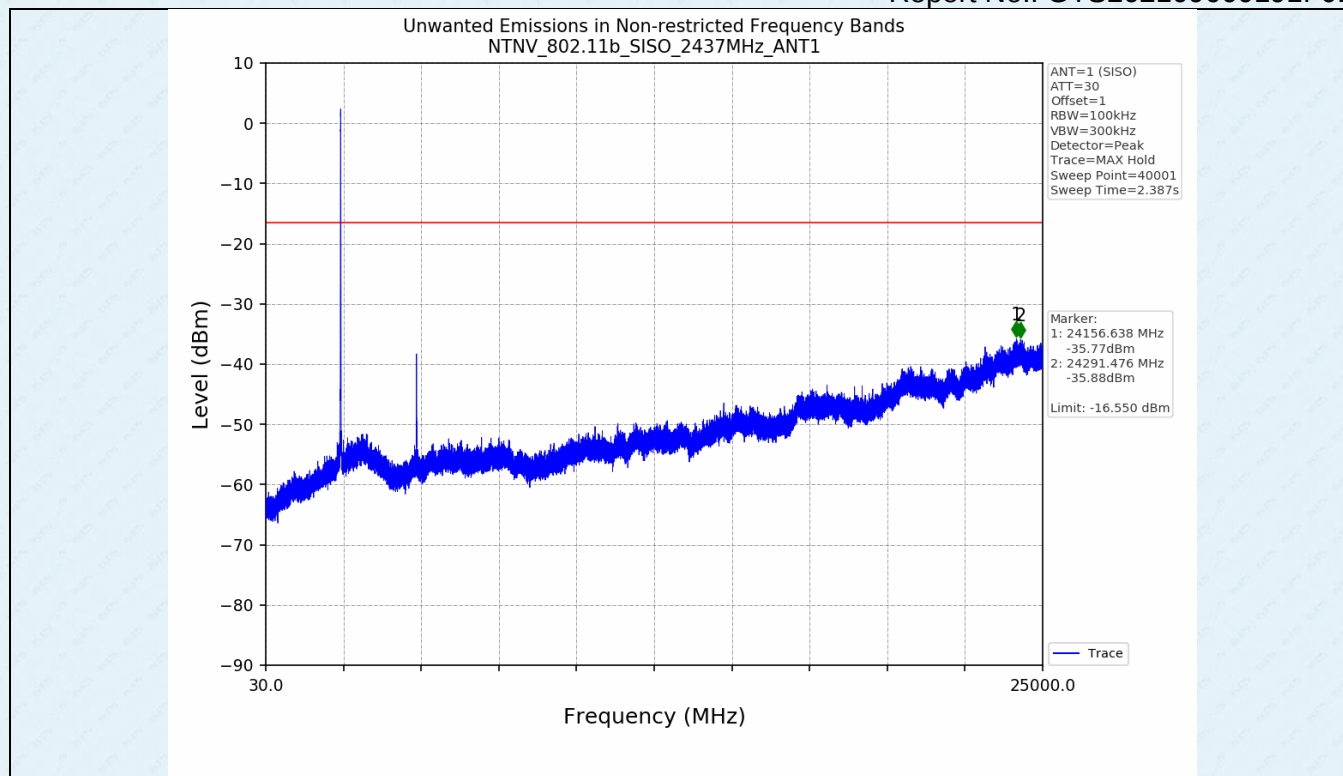
5.1 Test Result

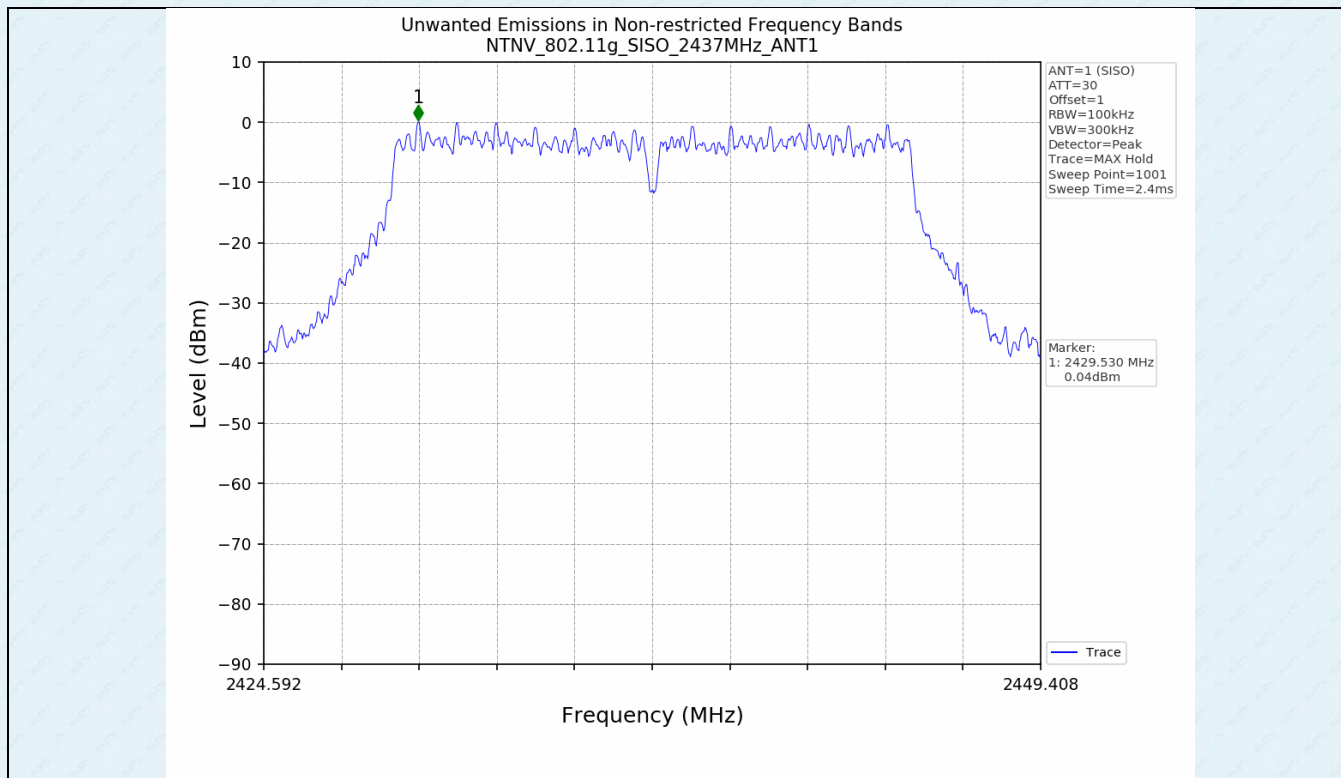
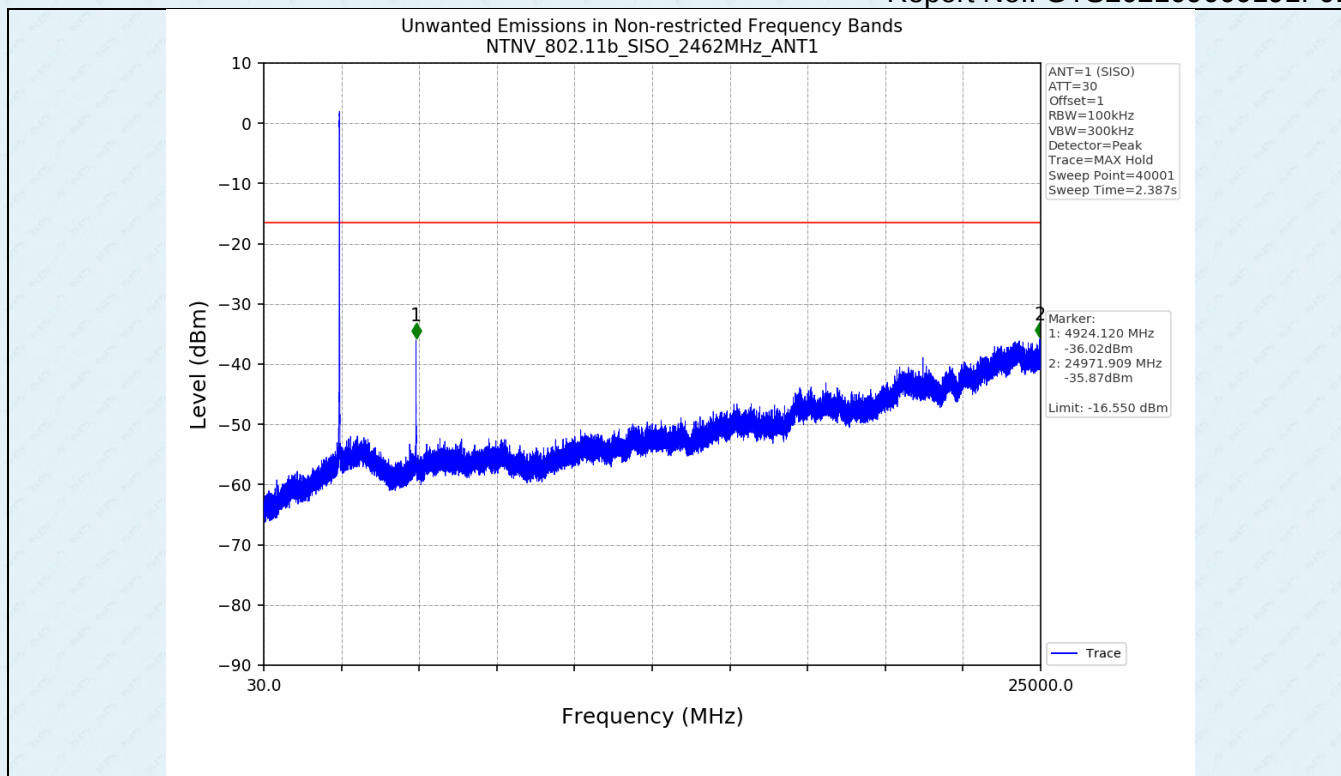
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	1	Refer to test graph	-16.55	PASS
	2437	SISO	1	Refer to test graph	-16.55	PASS
	2462	SISO	1	Refer to test graph	-16.55	PASS
802.11g	2412	SISO	1	Refer to test graph	-19.96	PASS
	2437	SISO	1	Refer to test graph	-19.96	PASS
	2462	SISO	1	Refer to test graph	-19.96	PASS
802.11n(HT20)	2412	SISO	1	Refer to test graph	-21.20	PASS
	2437	SISO	1	Refer to test graph	-21.20	PASS
	2462	SISO	1	Refer to test graph	-21.20	PASS

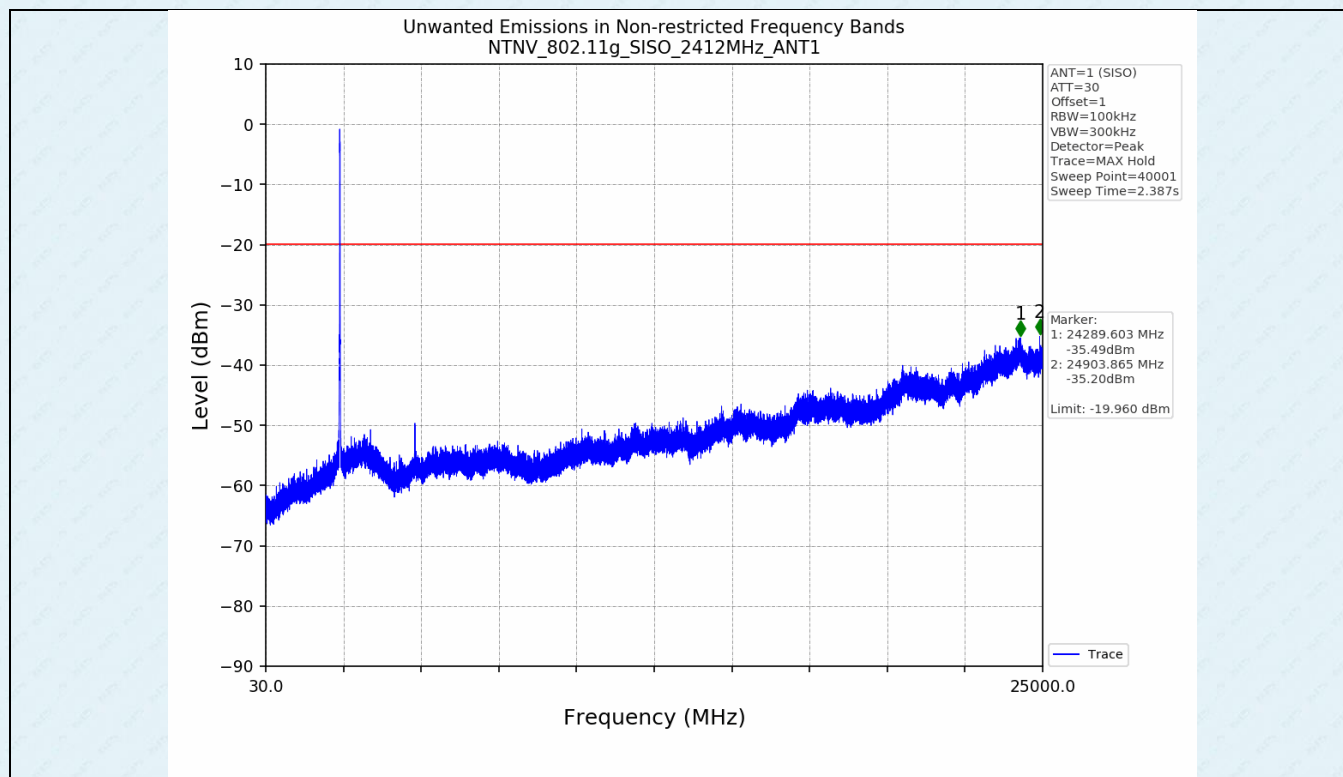
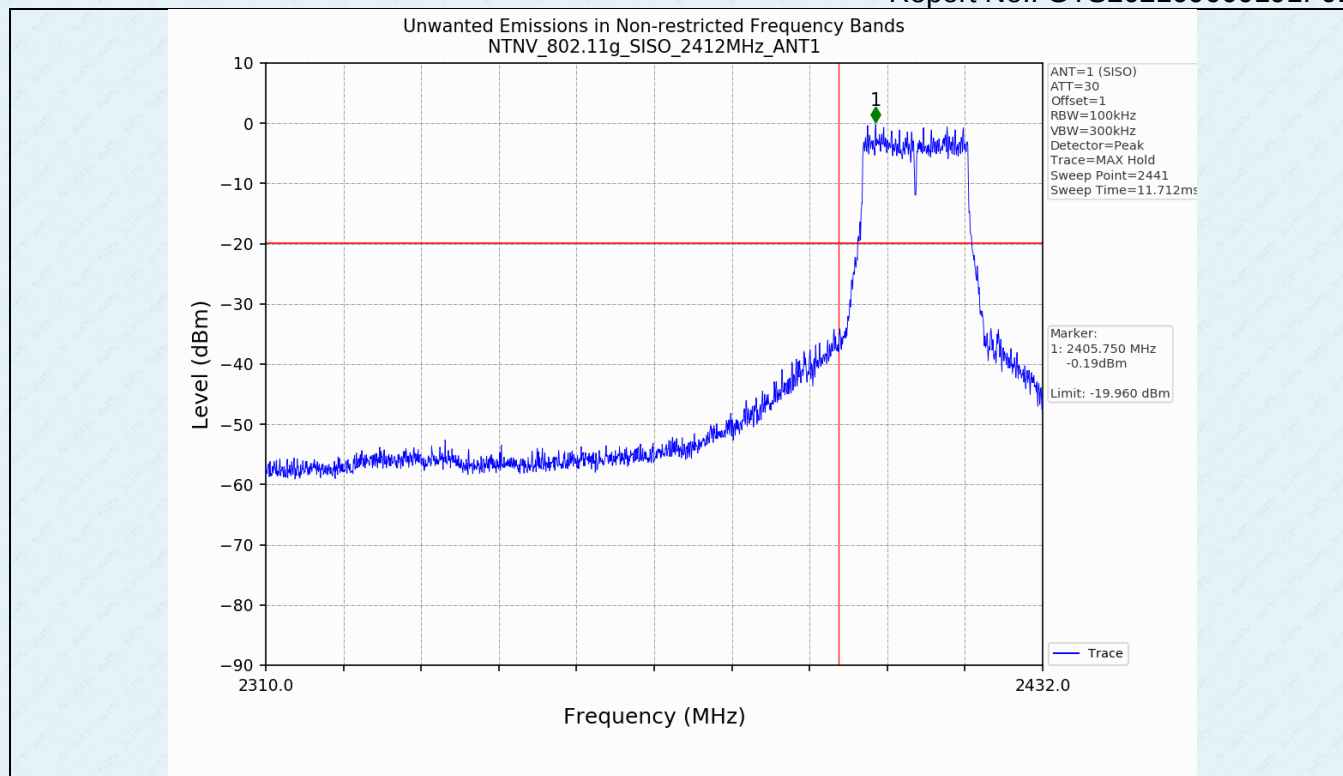
5.2 Test Graph

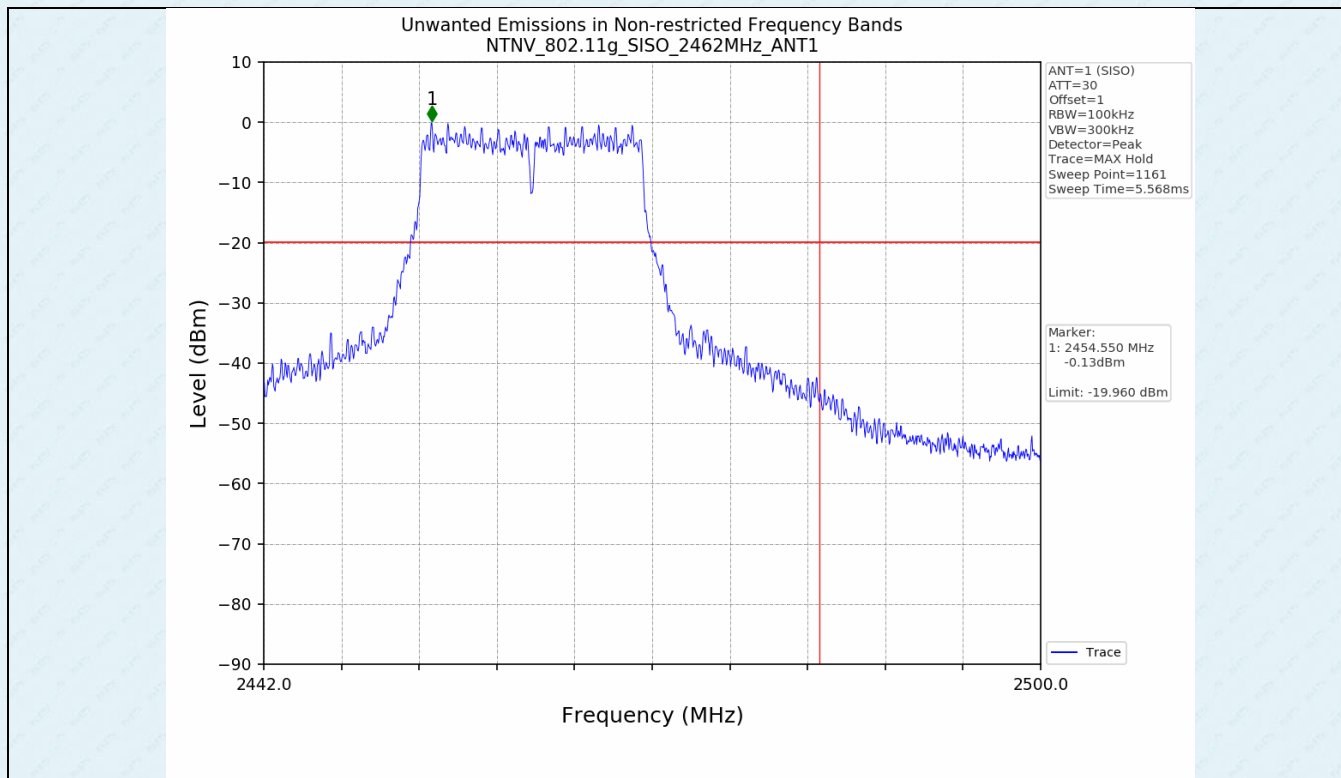
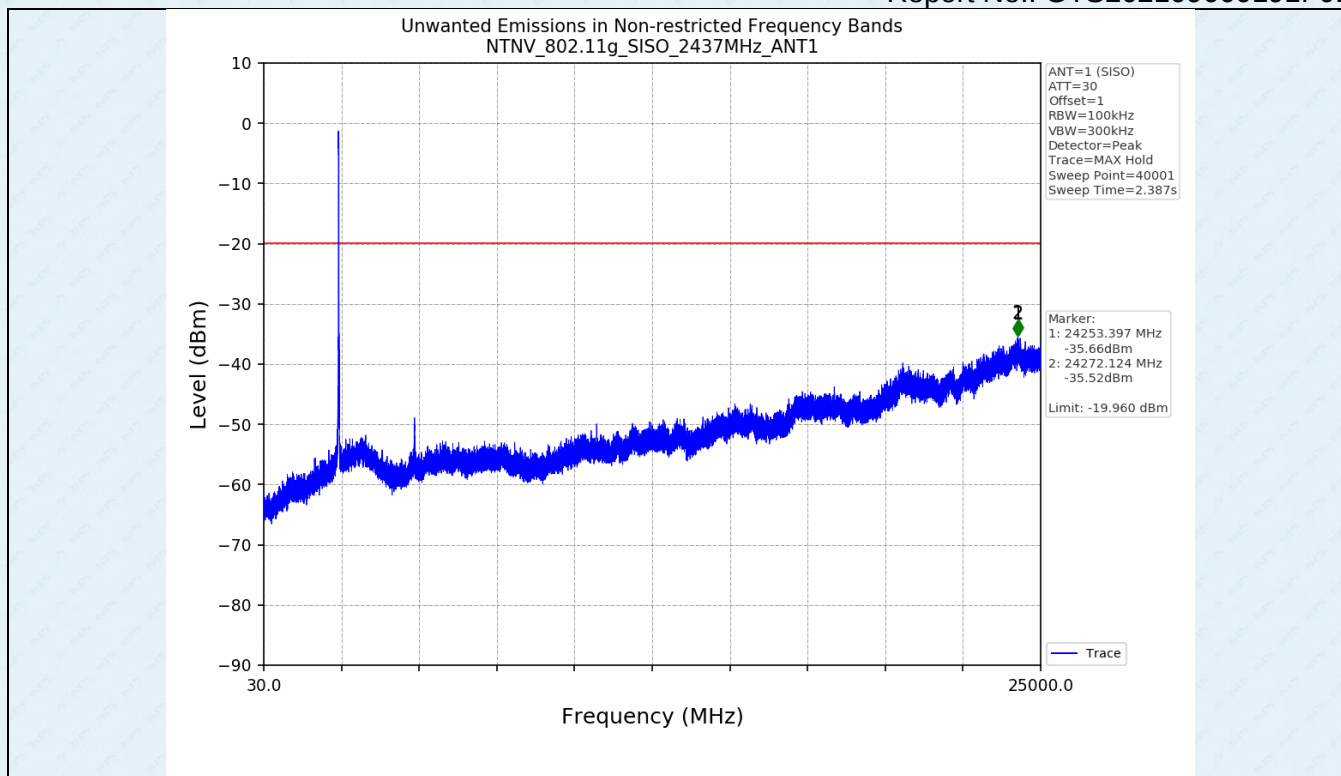


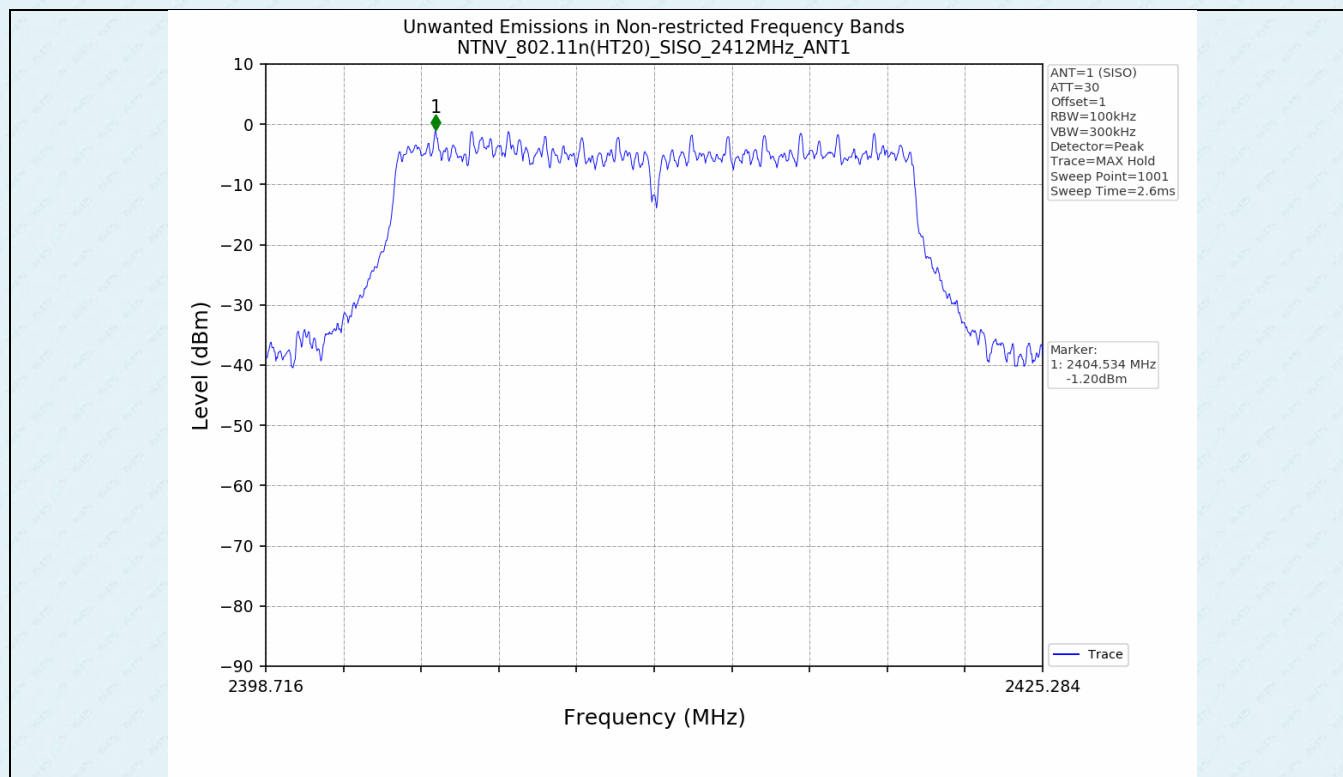
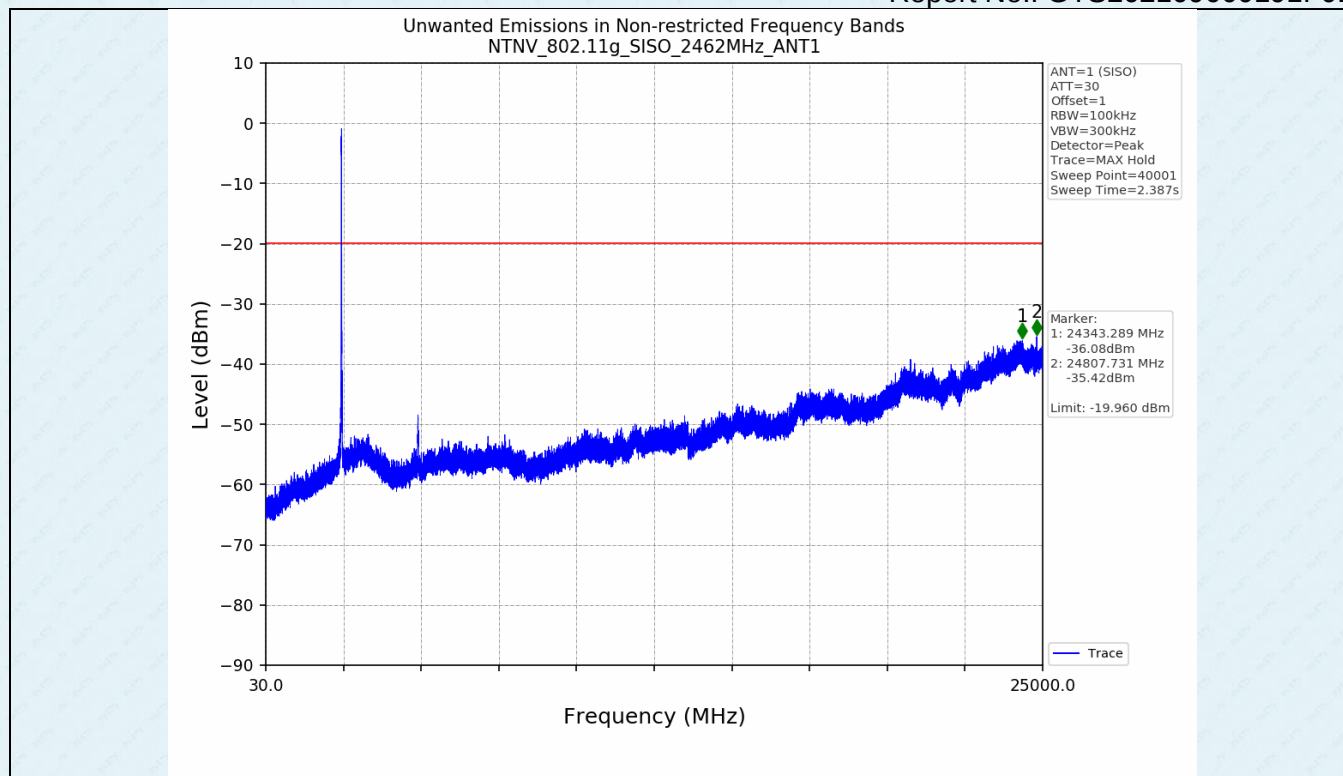


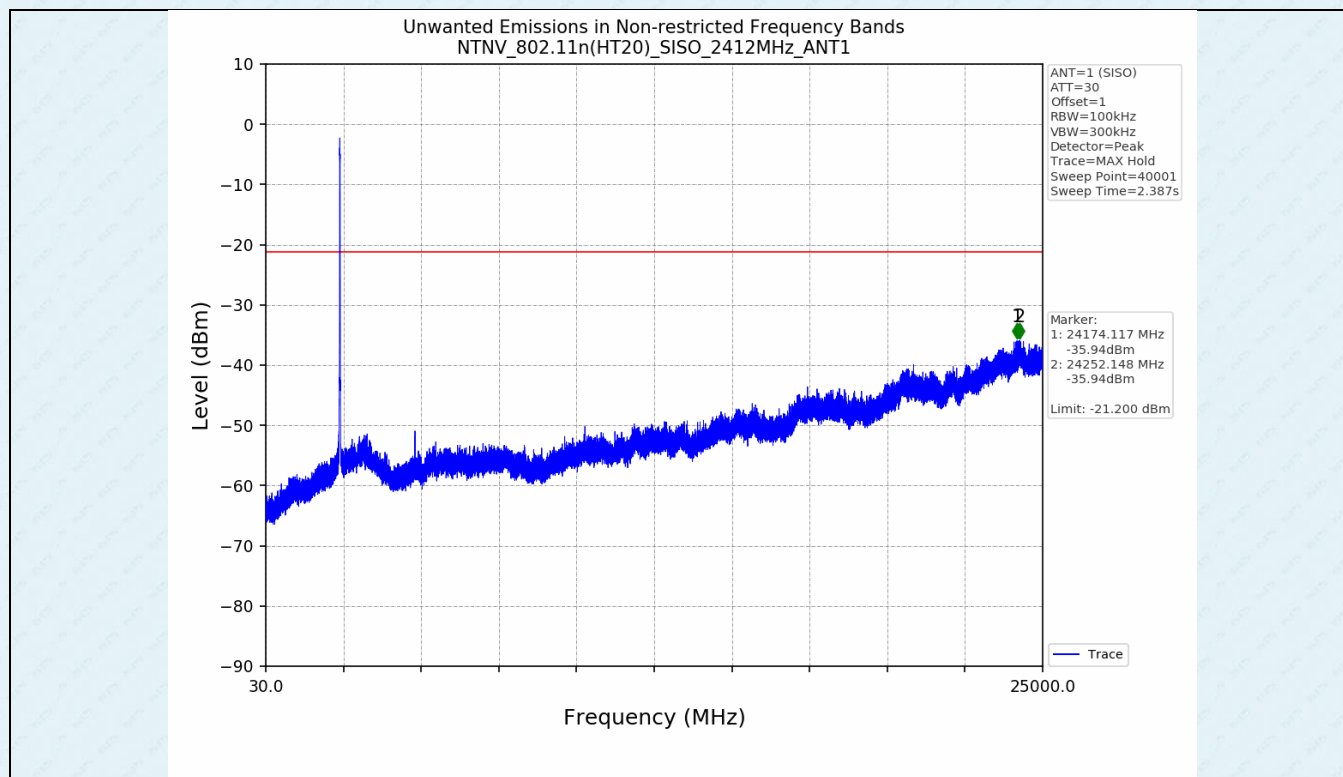
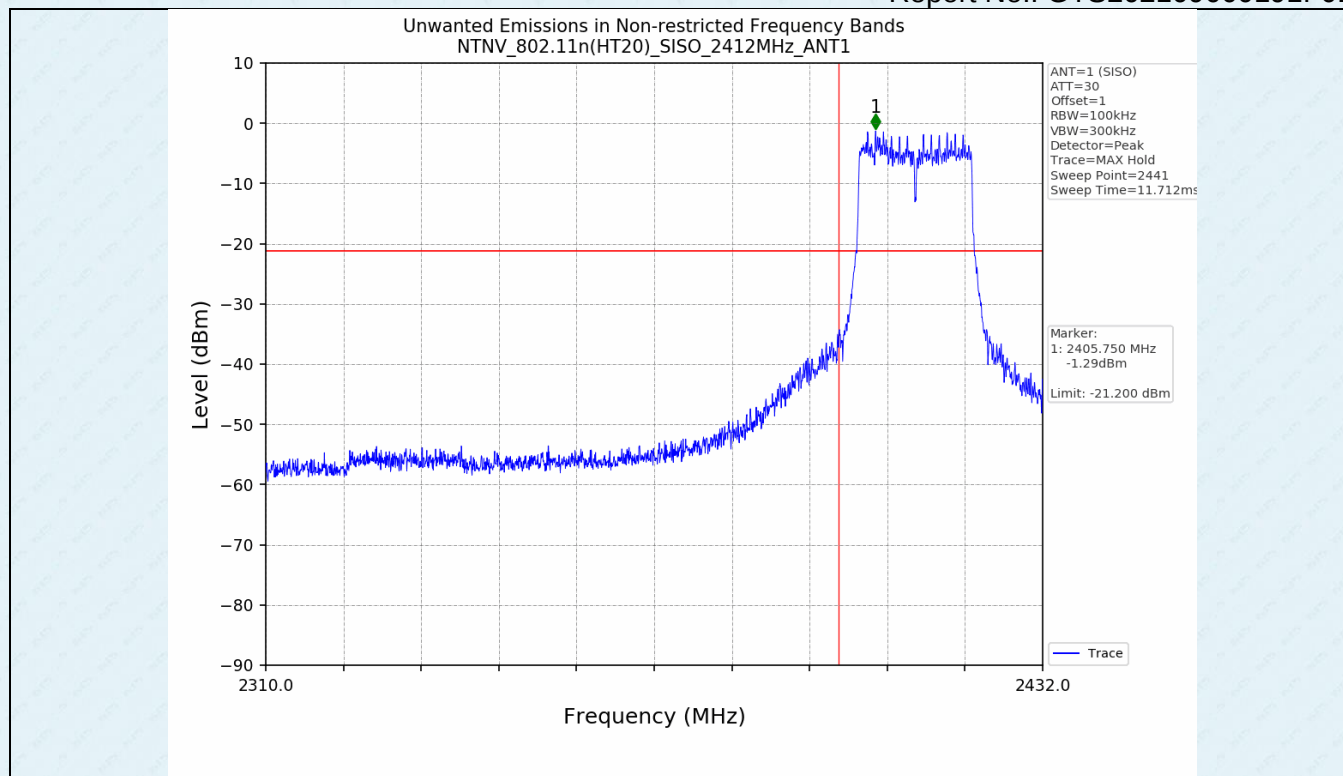


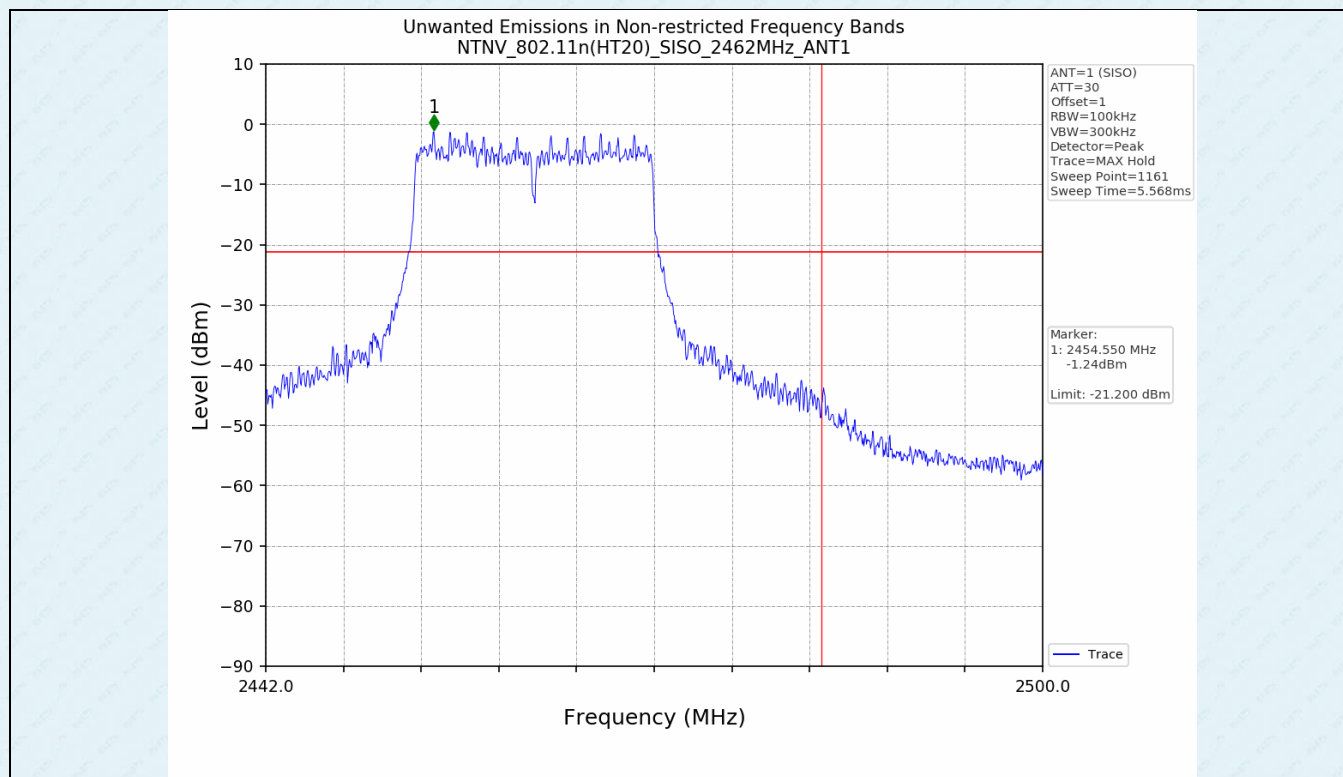
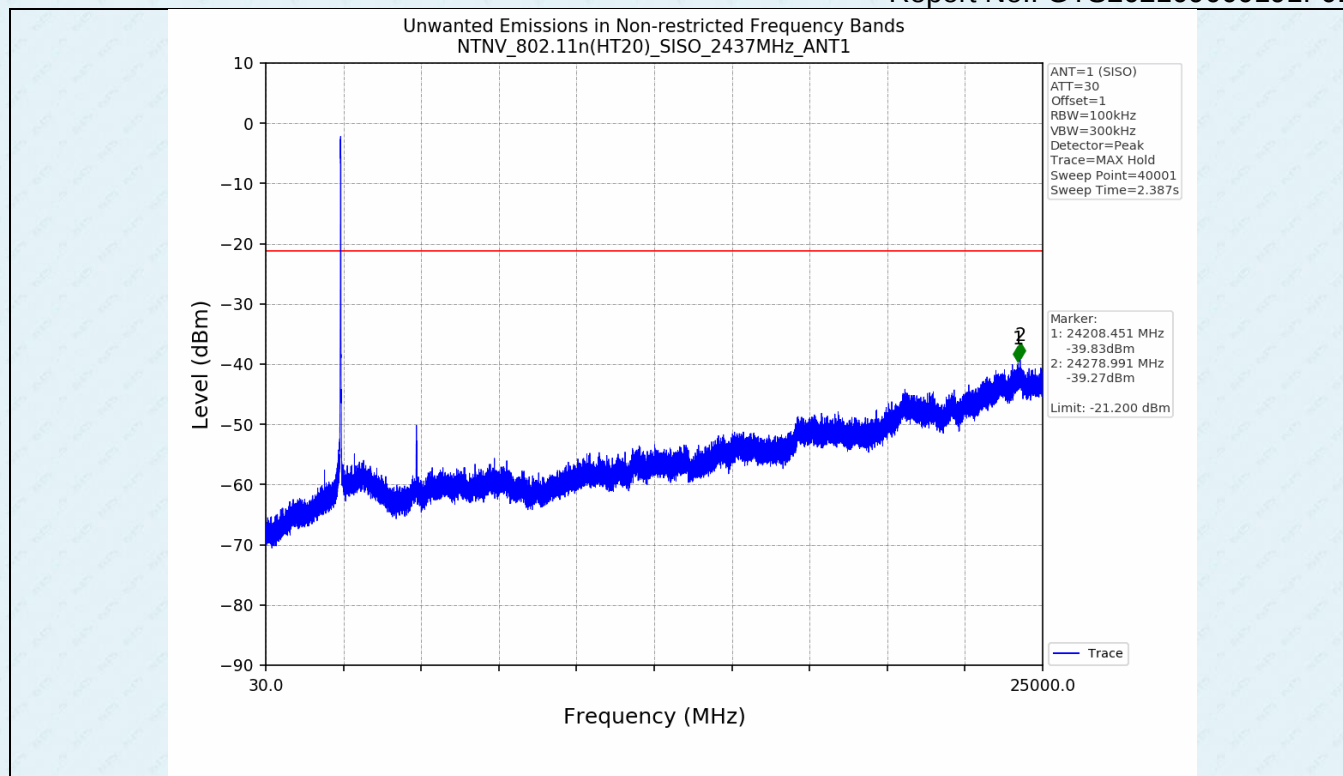


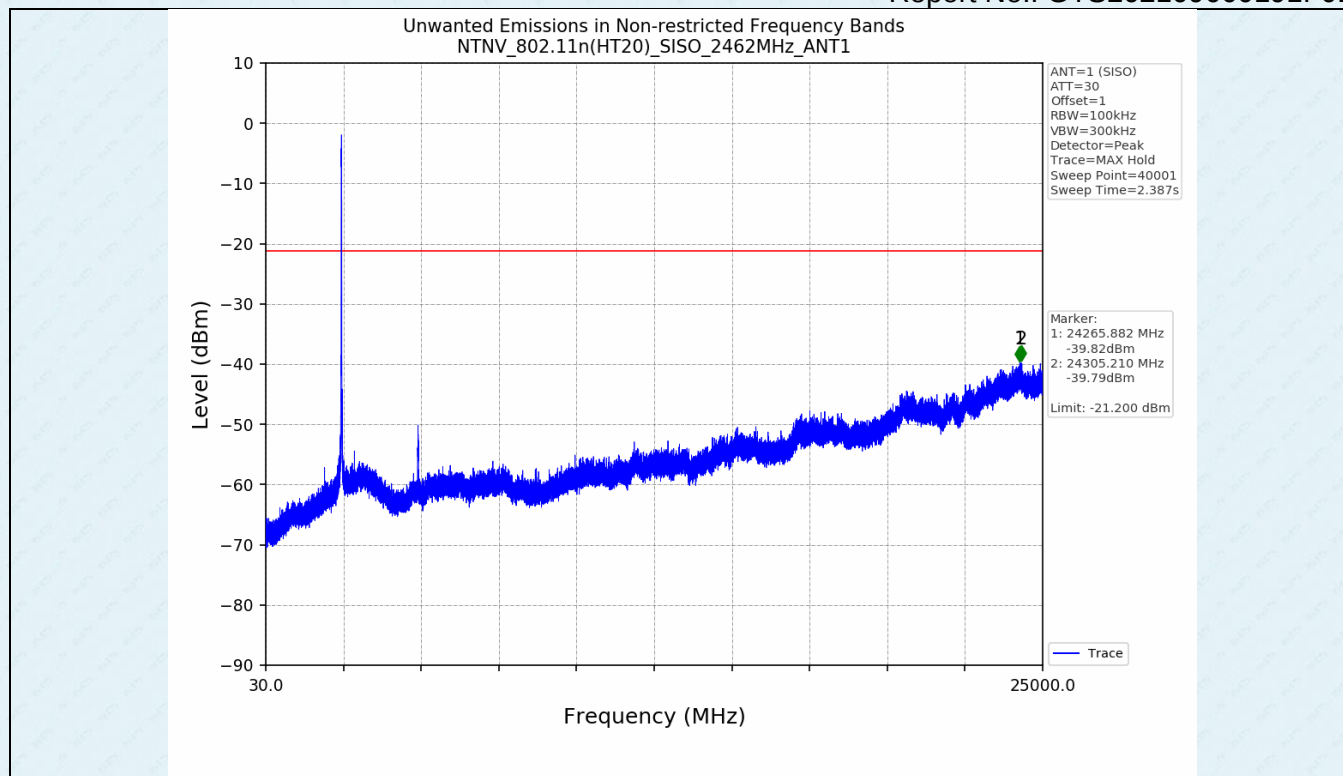












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