

Appendix for 15.247

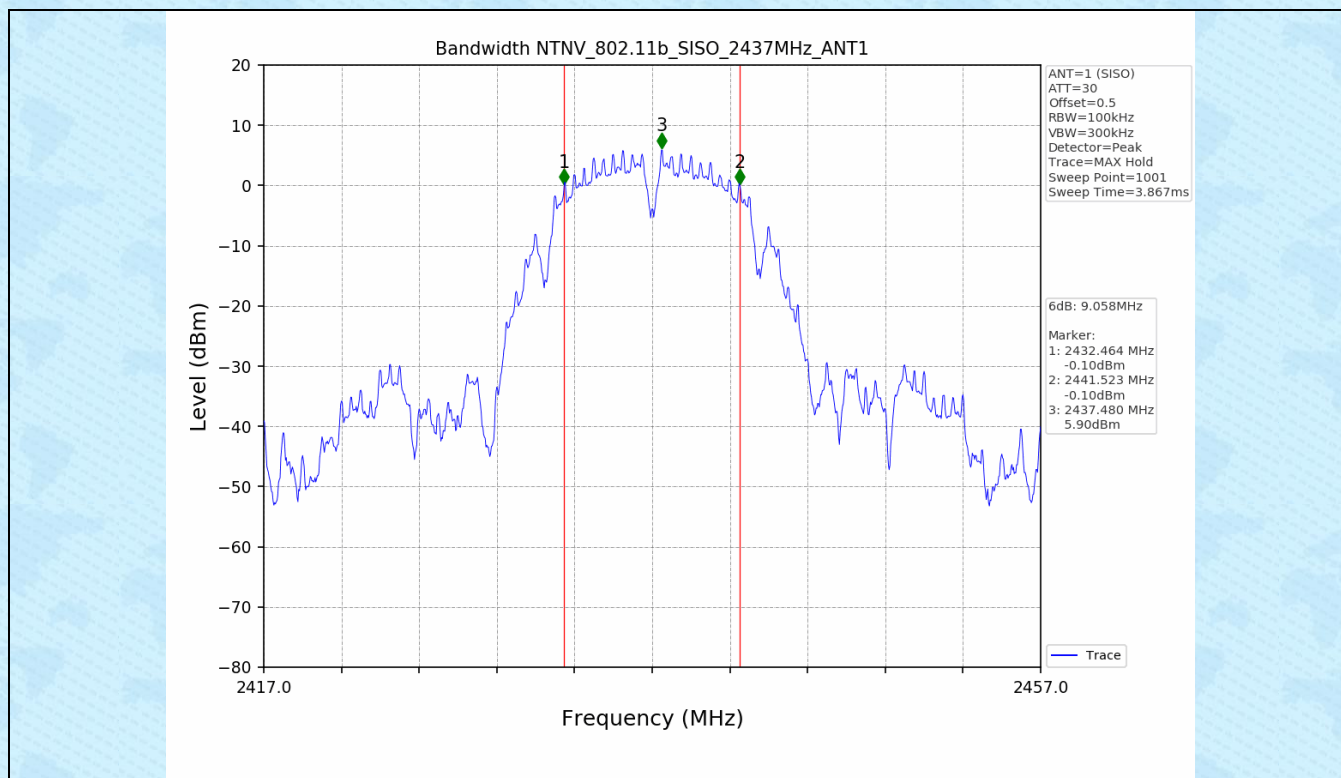
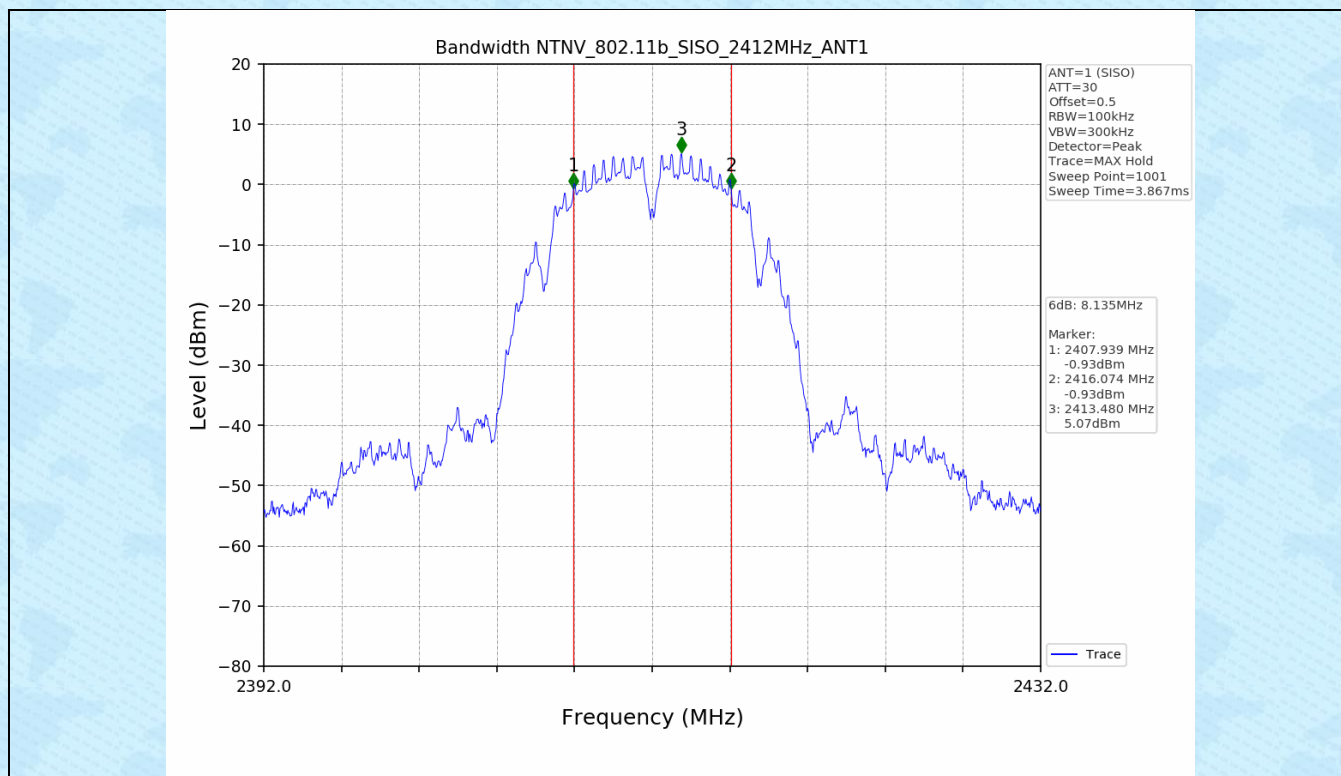
1. Bandwidth

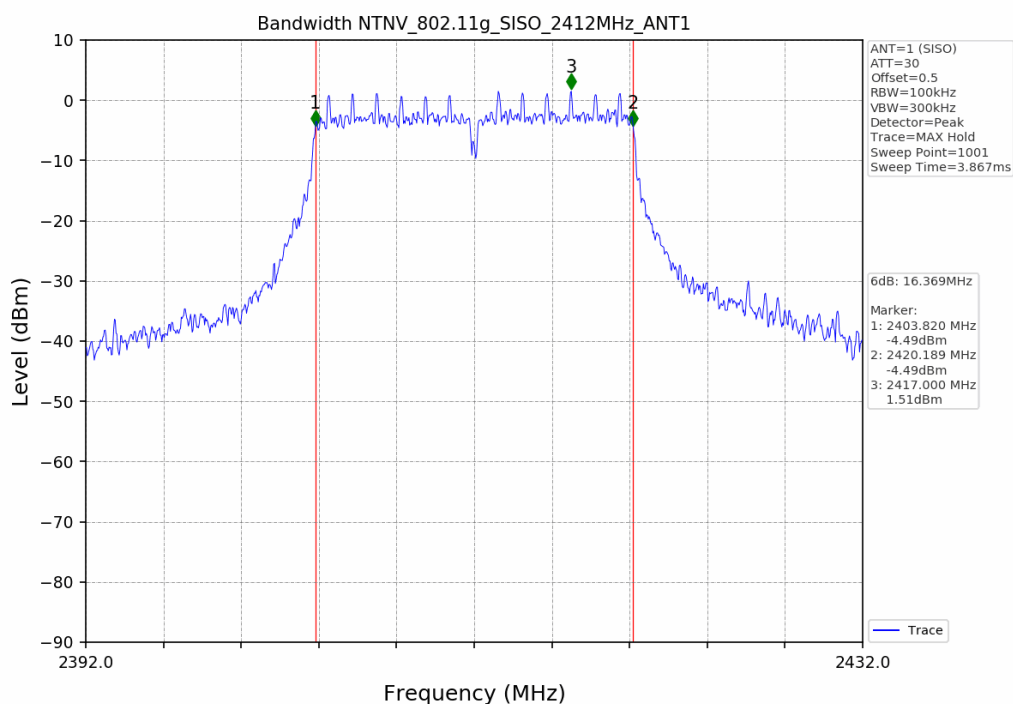
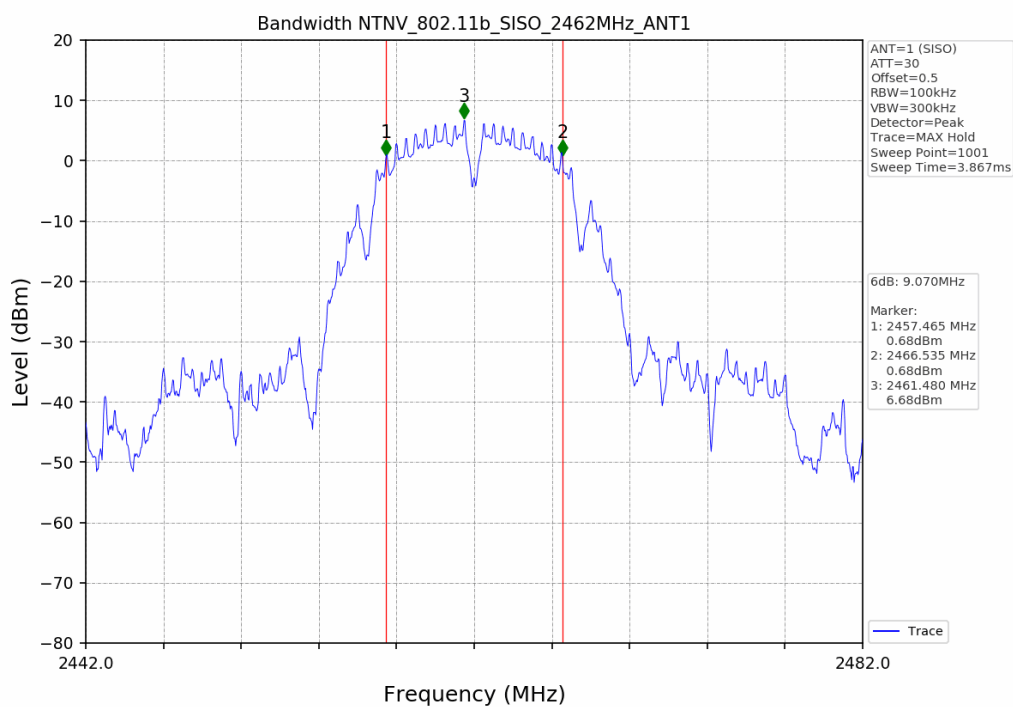
1.1 Test Result

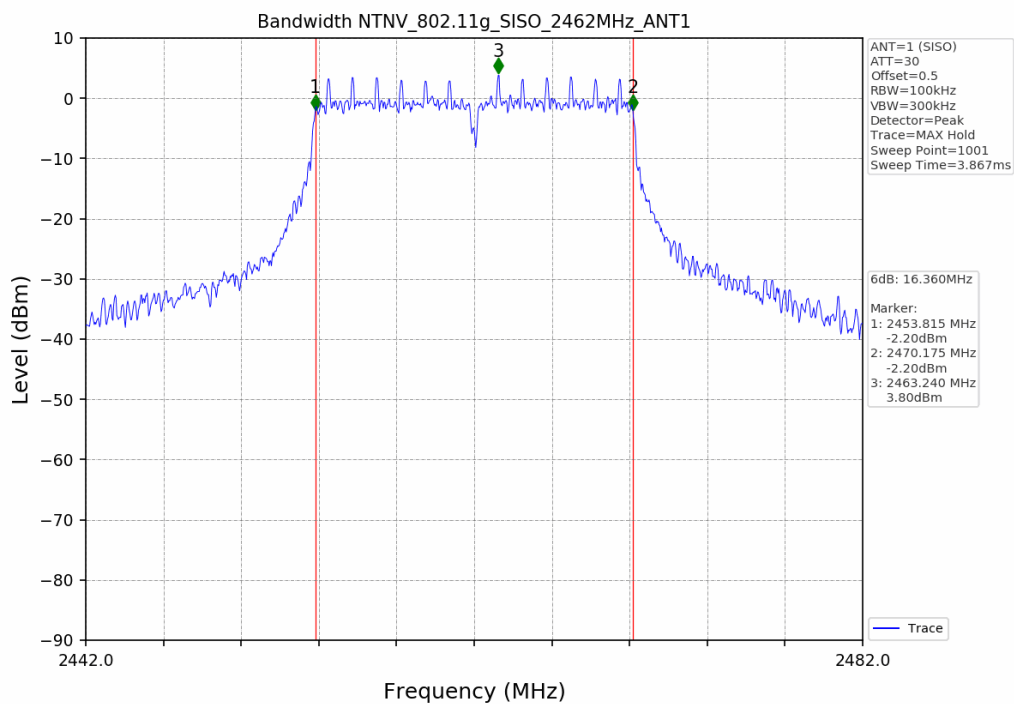
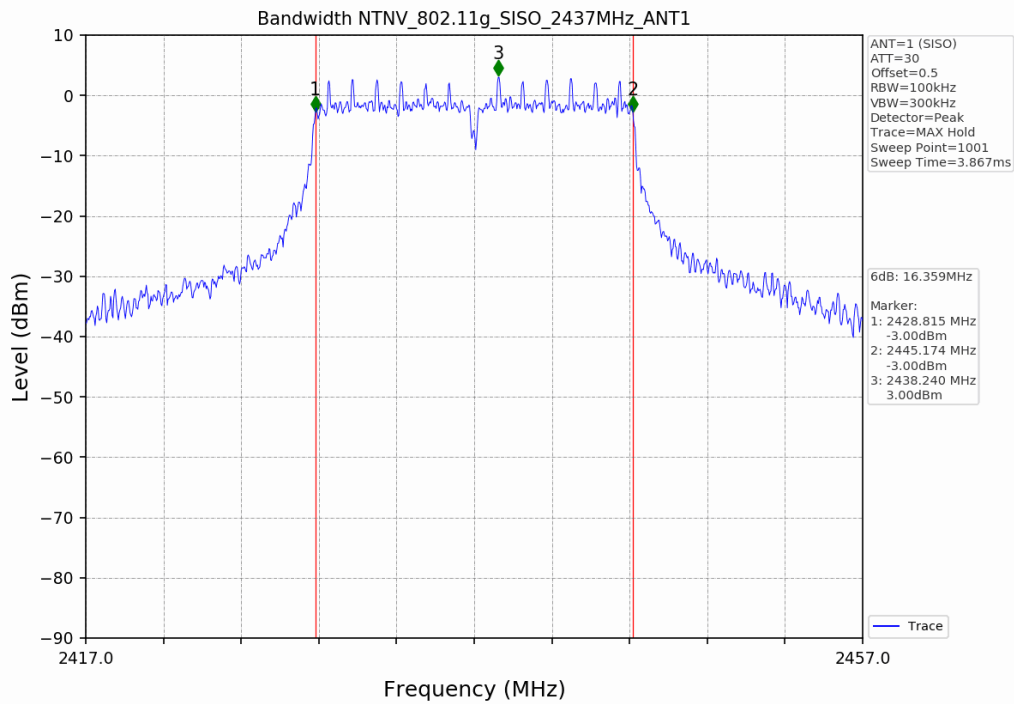
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11b	2412	SISO	1	8.135	≥0.5	PASS
	2437	SISO	1	9.058	≥0.5	PASS
	2462	SISO	1	9.070	≥0.5	PASS
802.11g	2412	SISO	1	16.369	≥0.5	PASS
	2437	SISO	1	16.359	≥0.5	PASS
	2462	SISO	1	16.360	≥0.5	PASS
802.11n(HT20)	2412	SISO	1	17.313	≥0.5	PASS
	2437	SISO	1	17.296	≥0.5	PASS
	2462	SISO	1	17.264	≥0.5	PASS

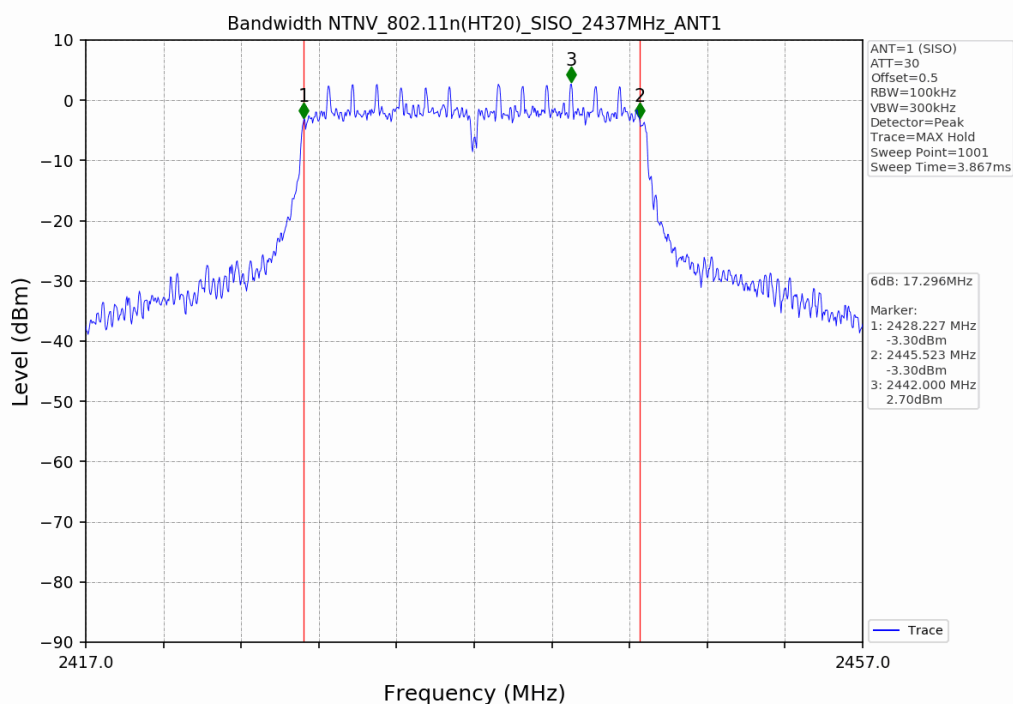
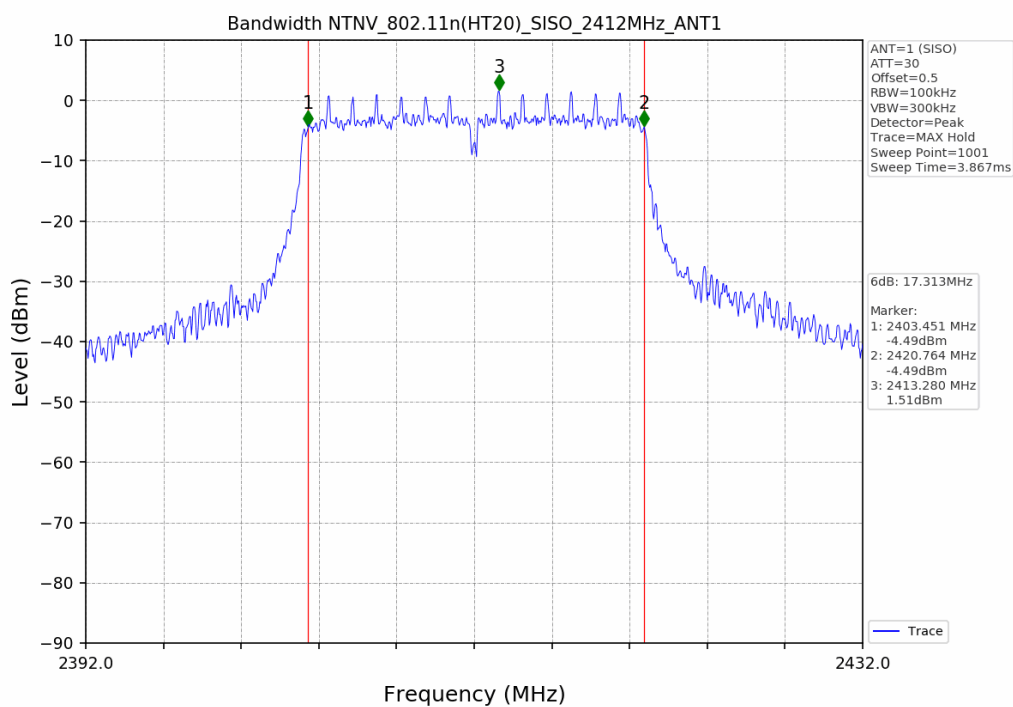
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	11.216	Only for Report Use
	2437	SISO	1	11.878	Only for Report Use
	2462	SISO	1	11.678	Only for Report Use
802.11g	2412	SISO	1	16.874	Only for Report Use
	2437	SISO	1	16.958	Only for Report Use
	2462	SISO	1	16.931	Only for Report Use
802.11n(HT20)	2412	SISO	1	17.887	Only for Report Use
	2437	SISO	1	17.966	Only for Report Use
	2462	SISO	1	17.964	Only for Report Use

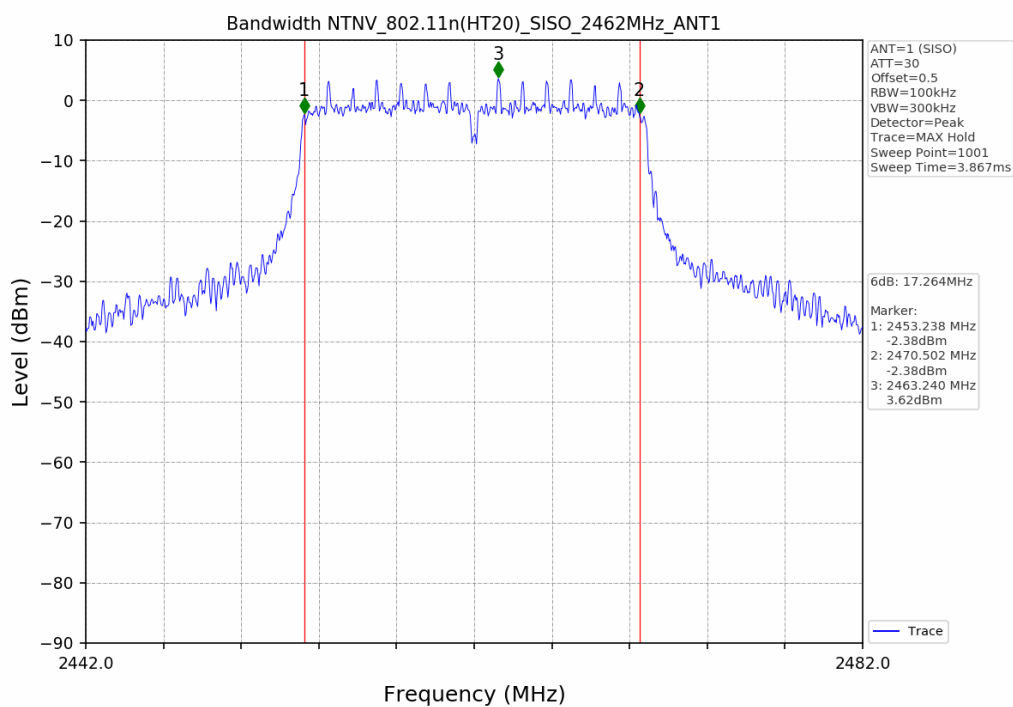
1.2 Test Graph - 6dB Bandwidth



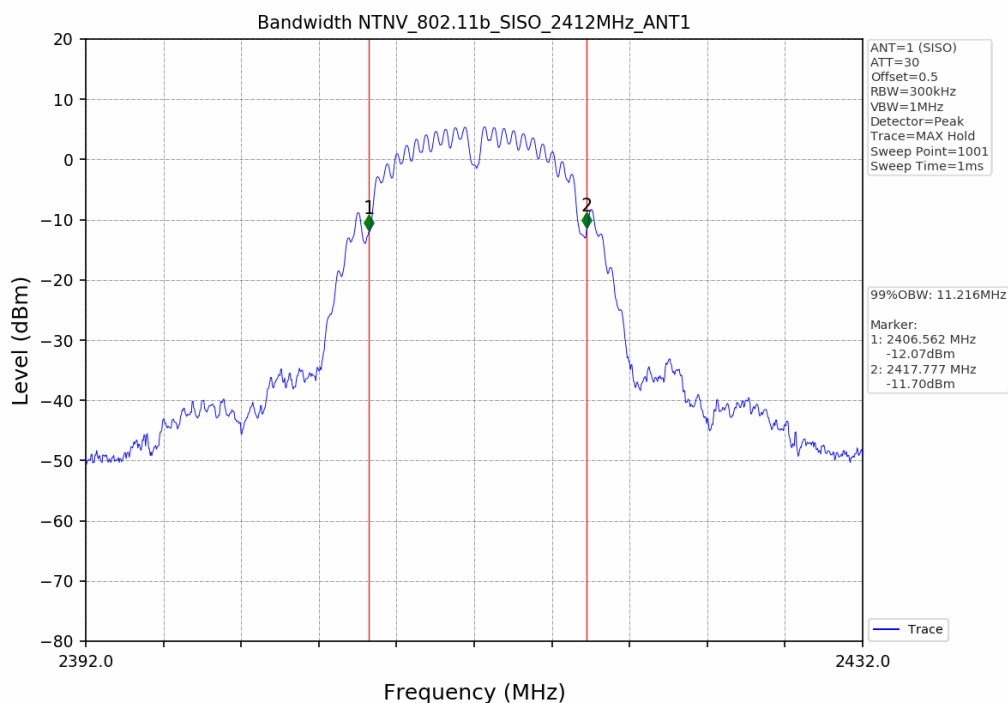


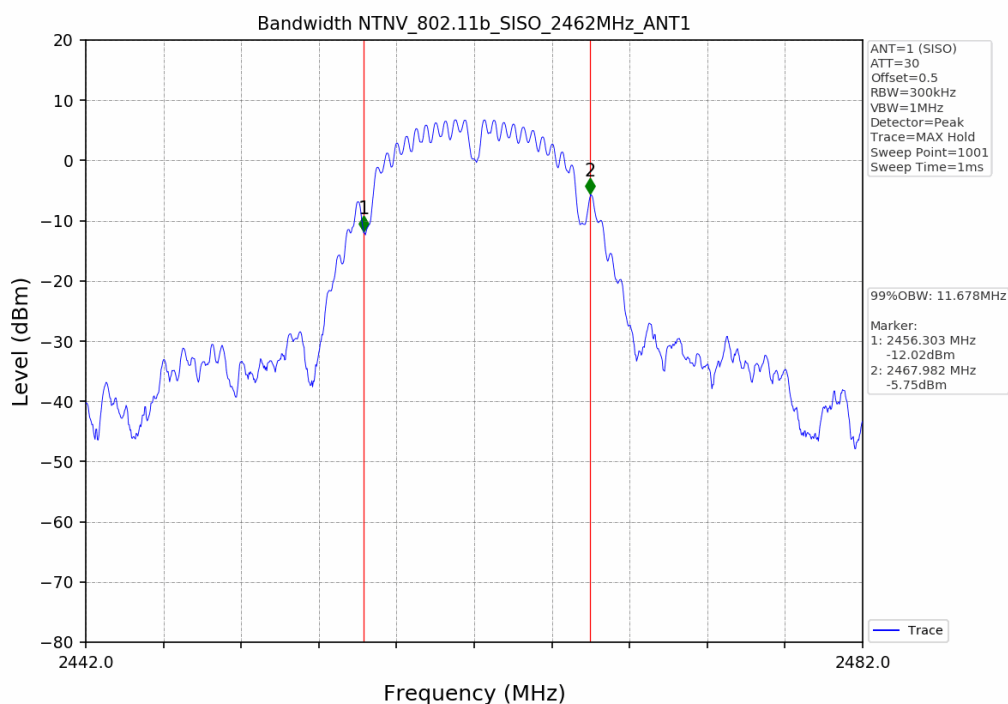
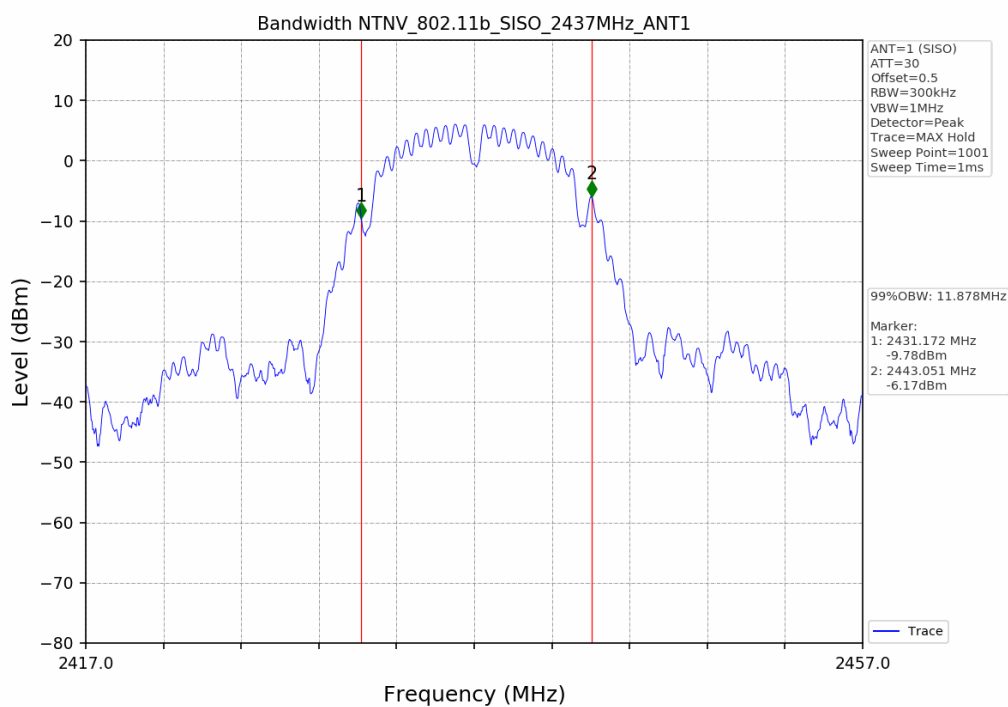


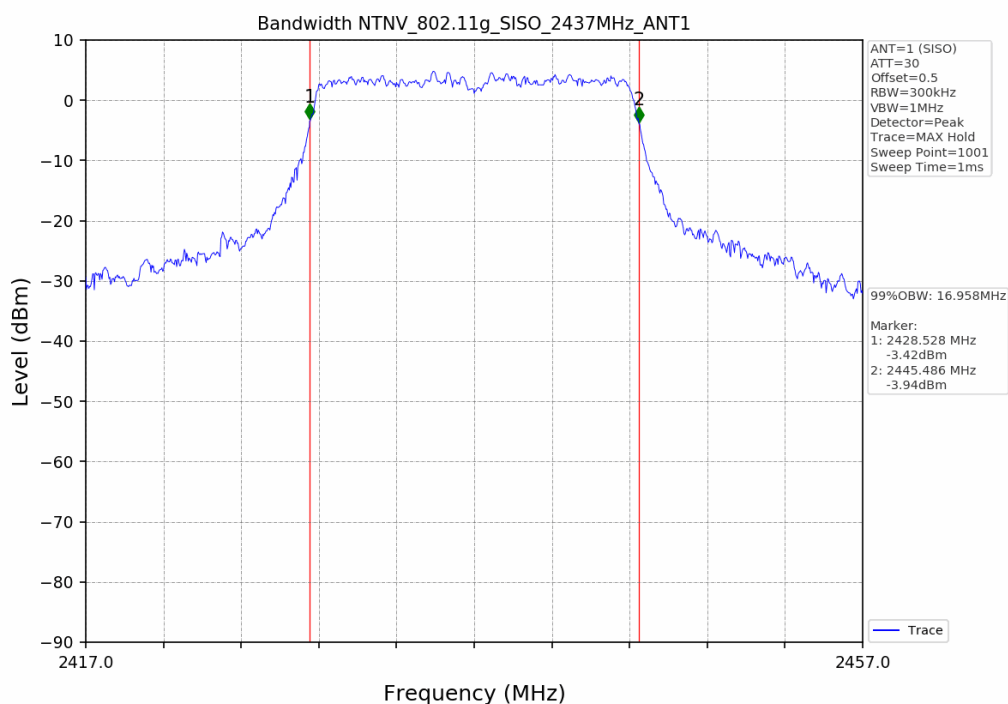
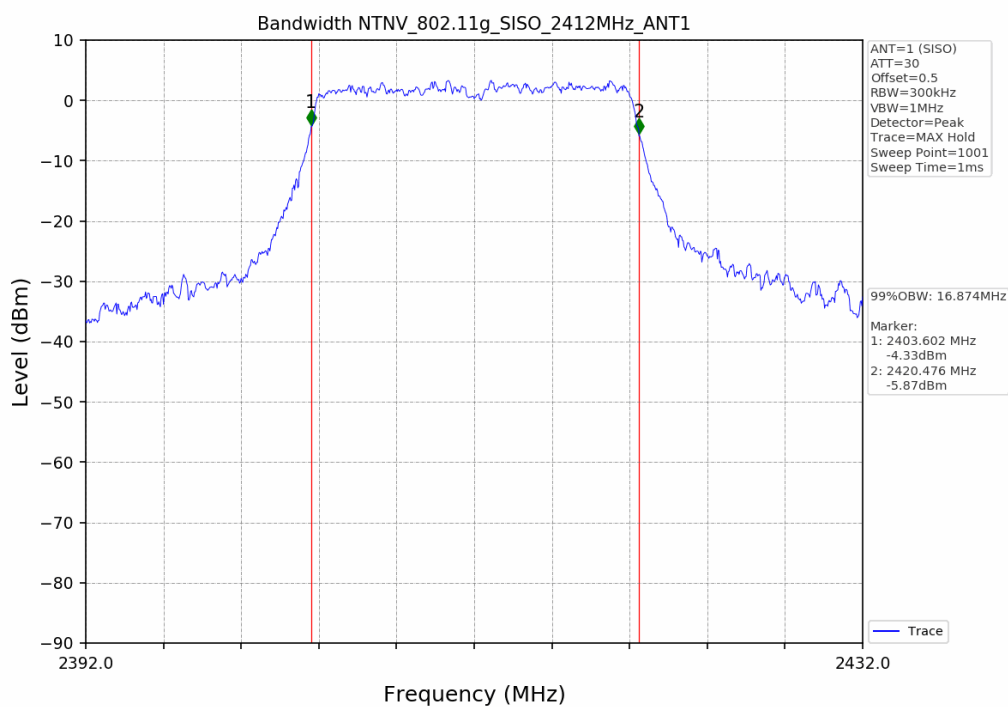


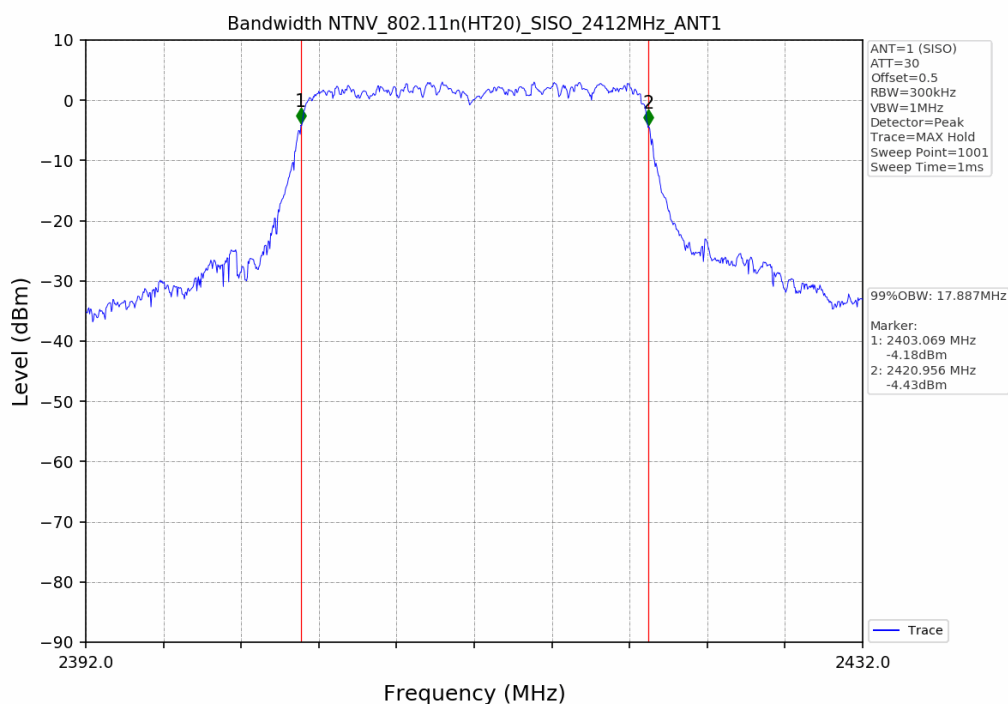
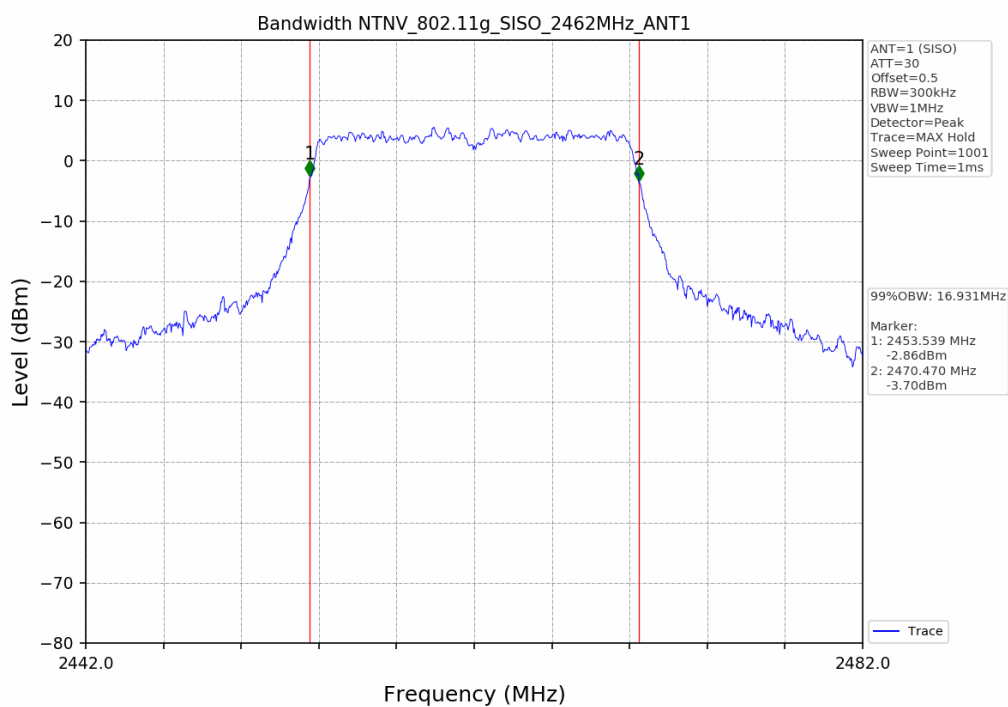


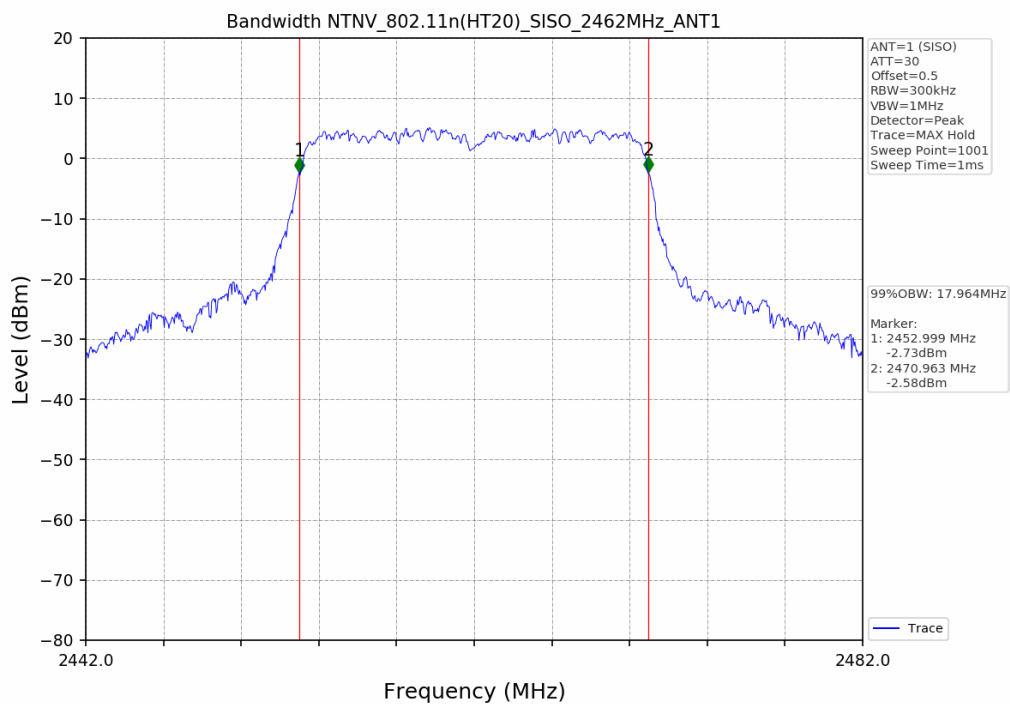
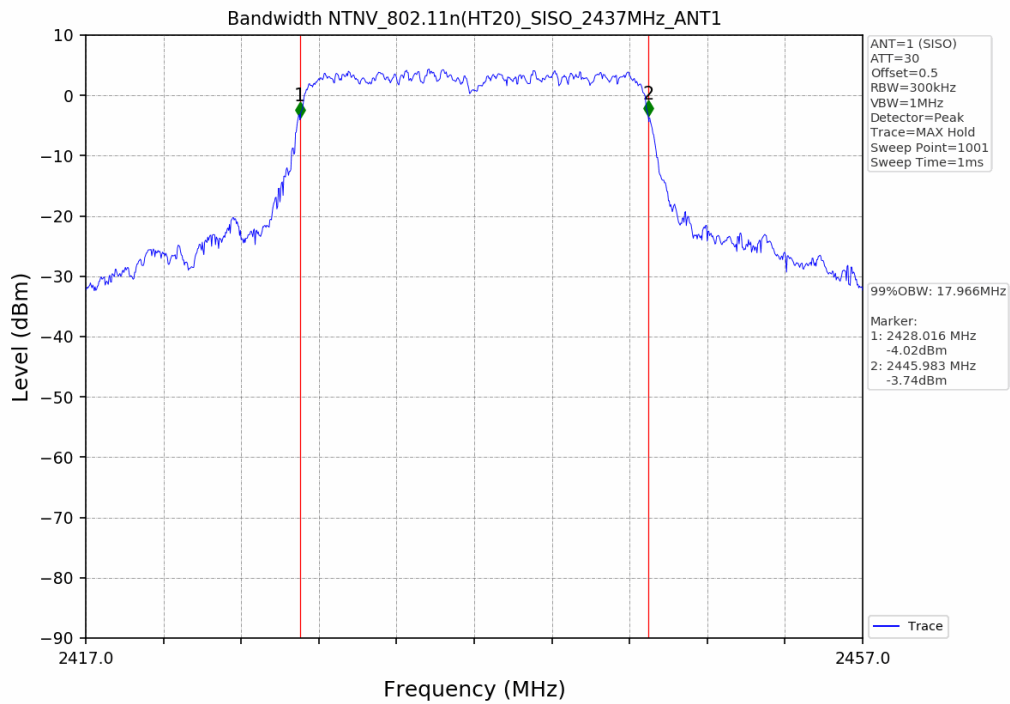
1.3 Test Graph - 99% Occupied Bandwidth











2. Maximum Conducted Output Power

2.1 Test Result

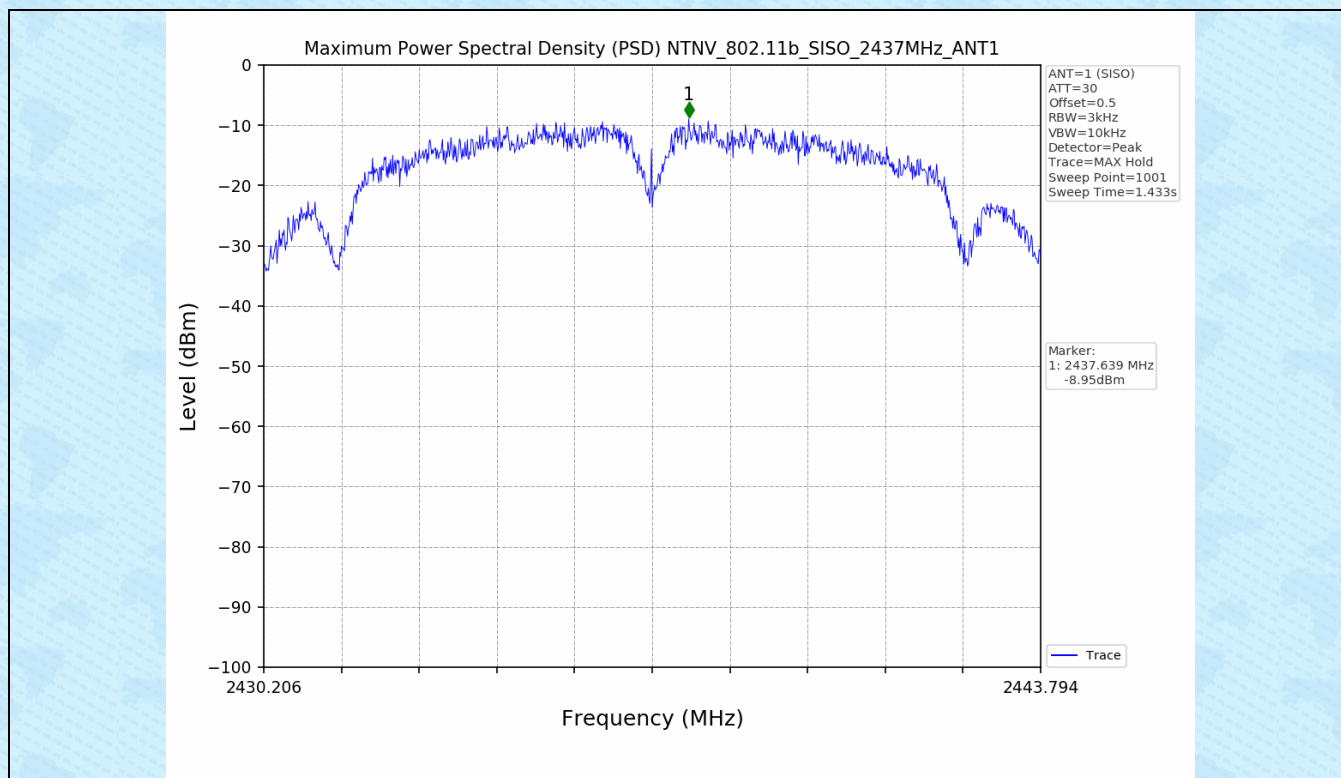
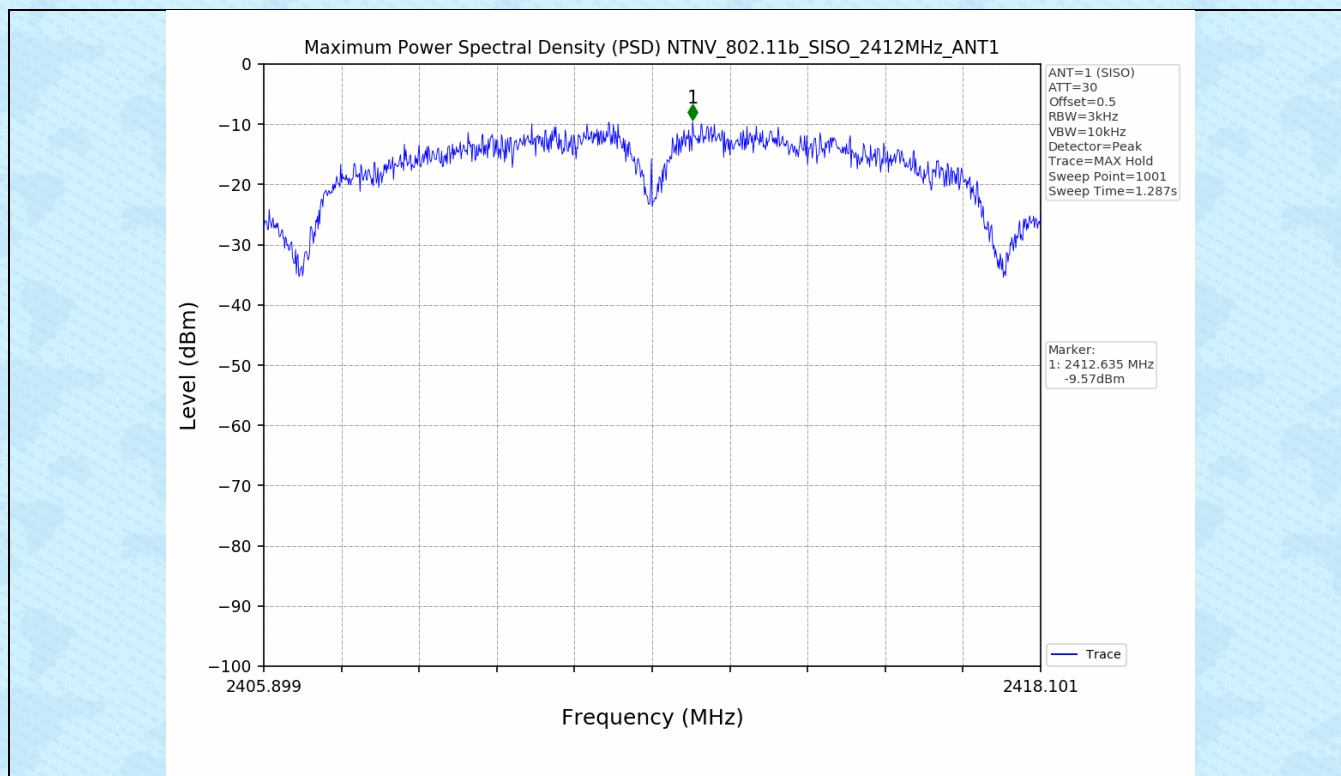
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	15.86	30	PASS
	2437	SISO	16.79	30	PASS
	2462	SISO	17.58	30	PASS
802.11g	2412	SISO	19.93	30	PASS
	2437	SISO	21.13	30	PASS
	2462	SISO	21.98	30	PASS
802.11n(HT20)	2412	SISO	19.80	30	PASS
	2437	SISO	20.99	30	PASS
	2462	SISO	21.99	30	PASS

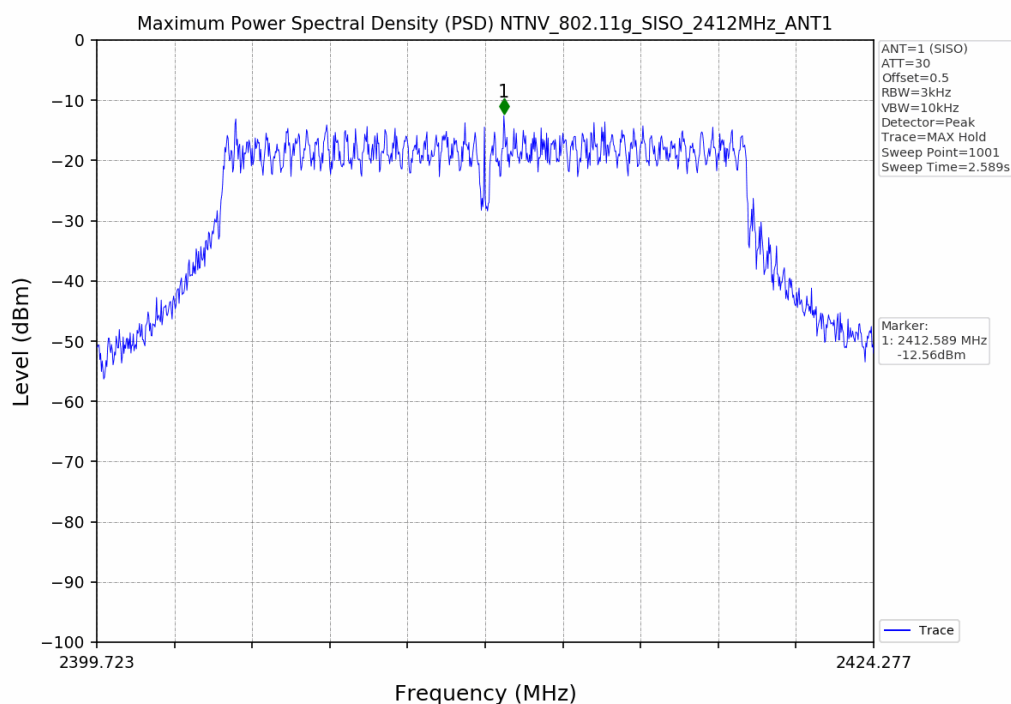
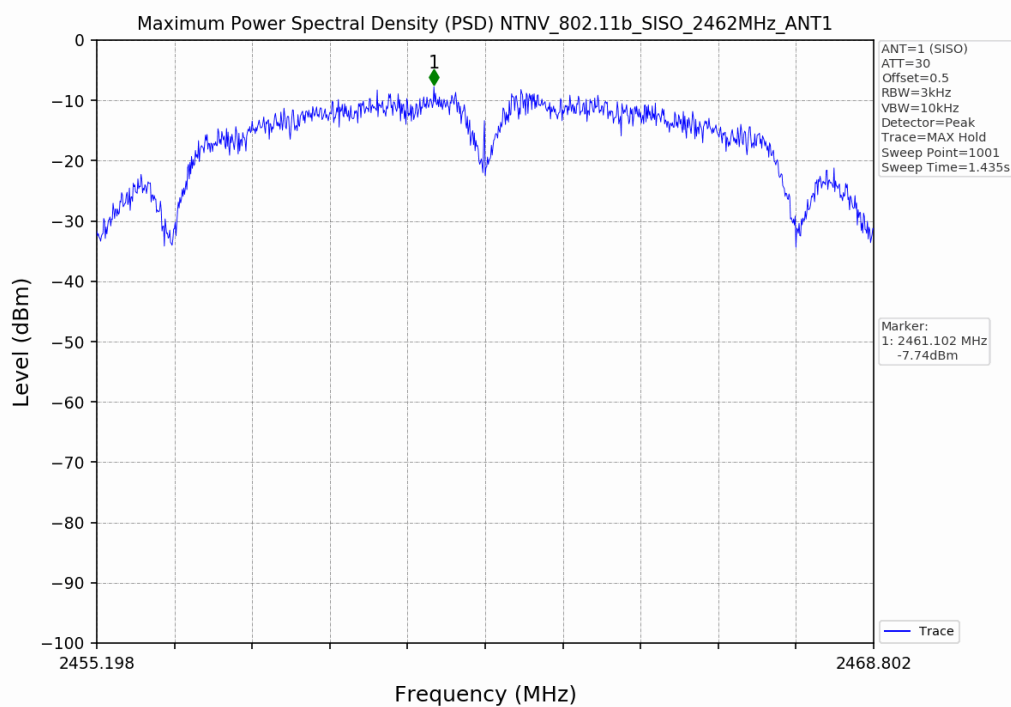
3. Maximum Power Spectral Density (PSD)

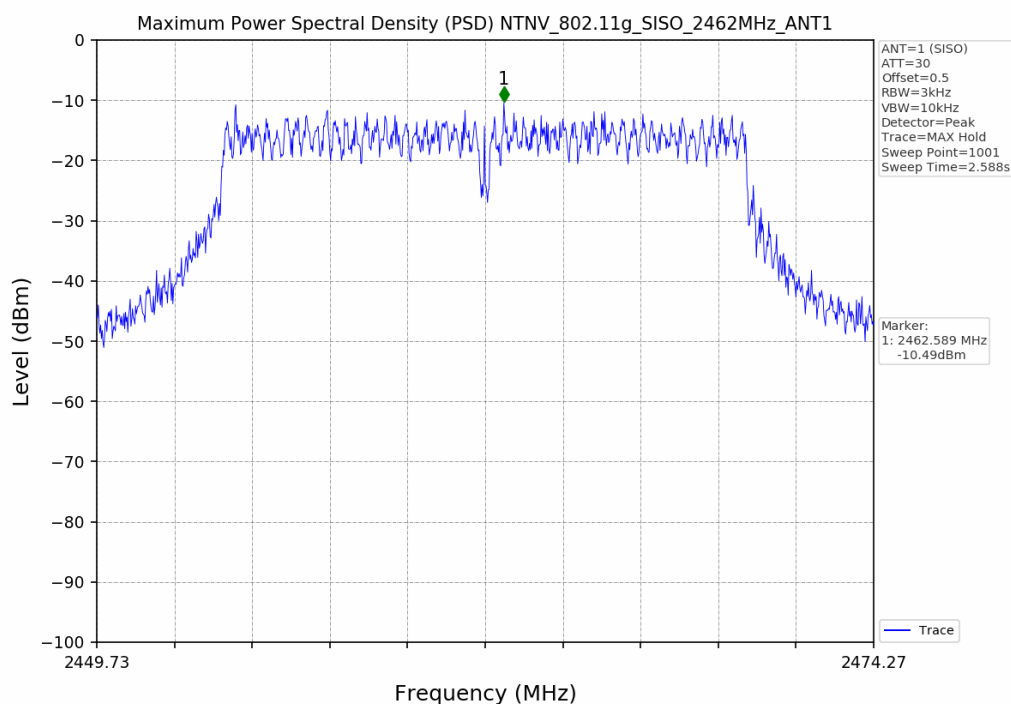
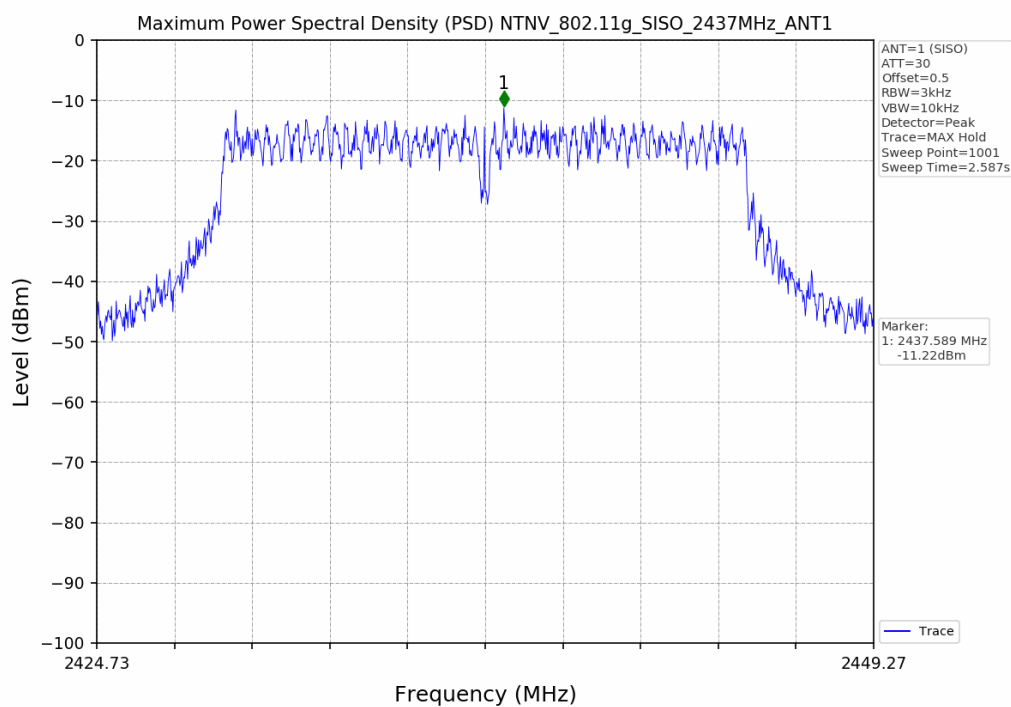
3.1 Test Result

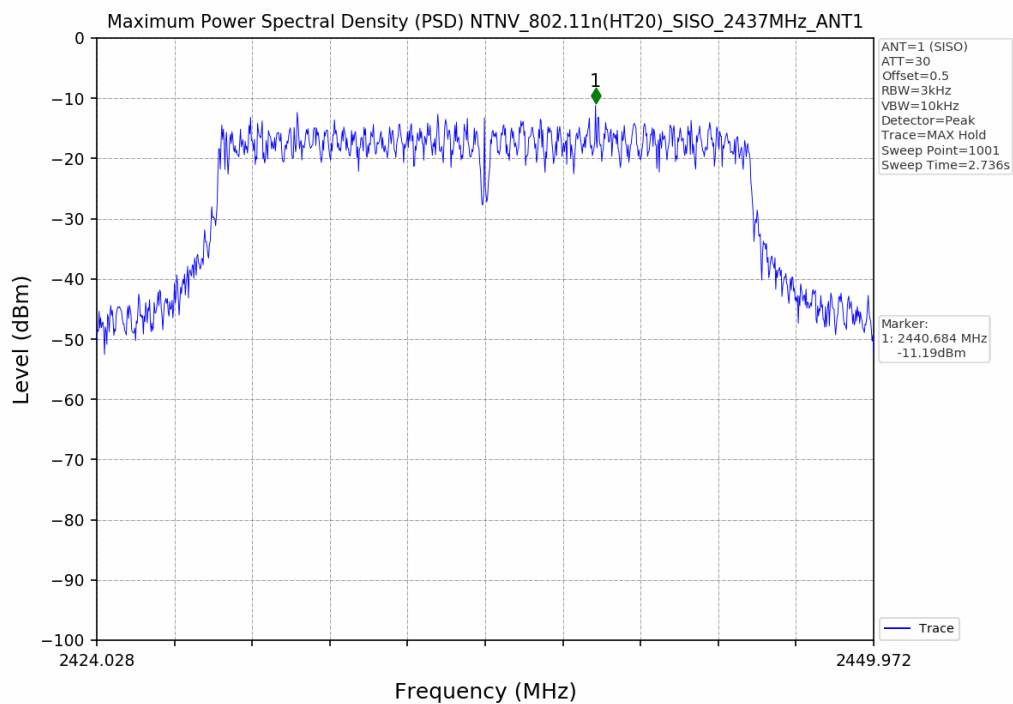
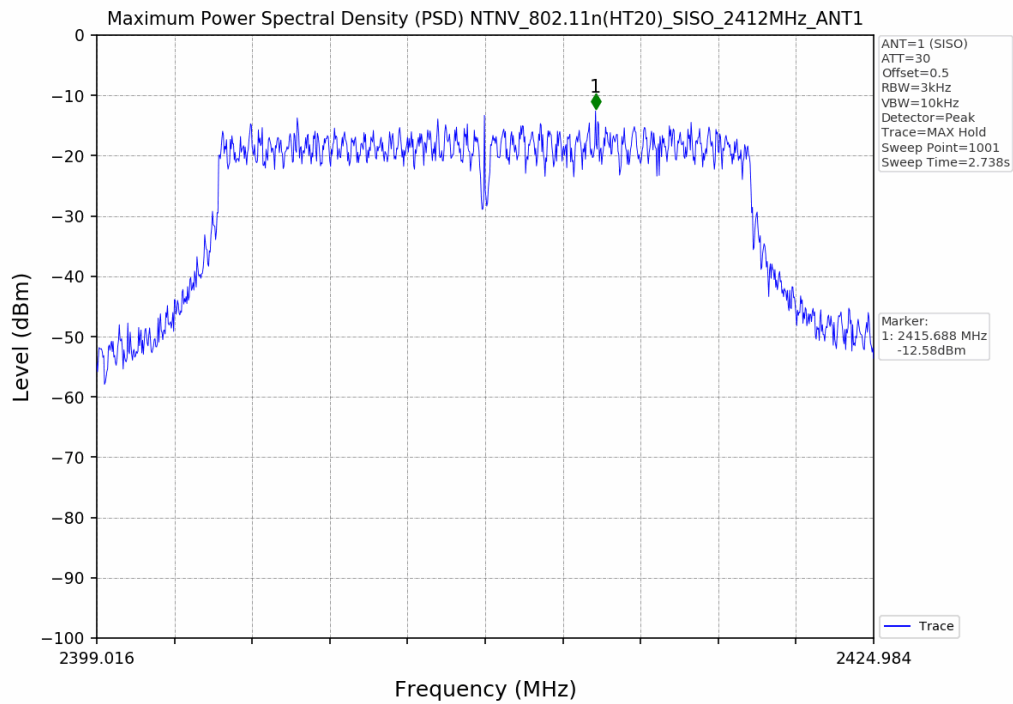
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
802.11b	2412	SISO	-9.57	≤8	PASS
	2437	SISO	-8.95	≤8	PASS
	2462	SISO	-7.74	≤8	PASS
802.11g	2412	SISO	-12.56	≤8	PASS
	2437	SISO	-11.22	≤8	PASS
	2462	SISO	-10.49	≤8	PASS
802.11n(HT20)	2412	SISO	-12.58	≤8	PASS
	2437	SISO	-11.19	≤8	PASS
	2462	SISO	-10.54	≤8	PASS

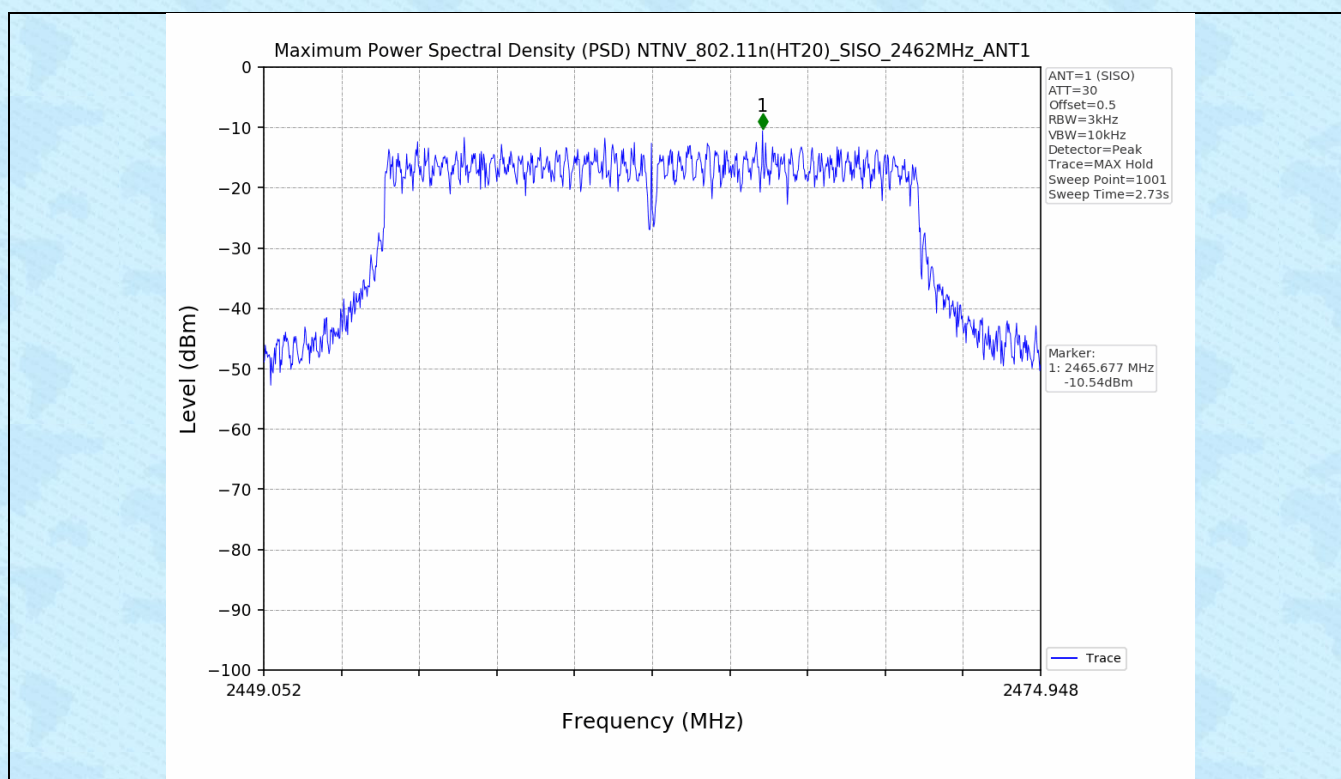
3.2 Test Graph









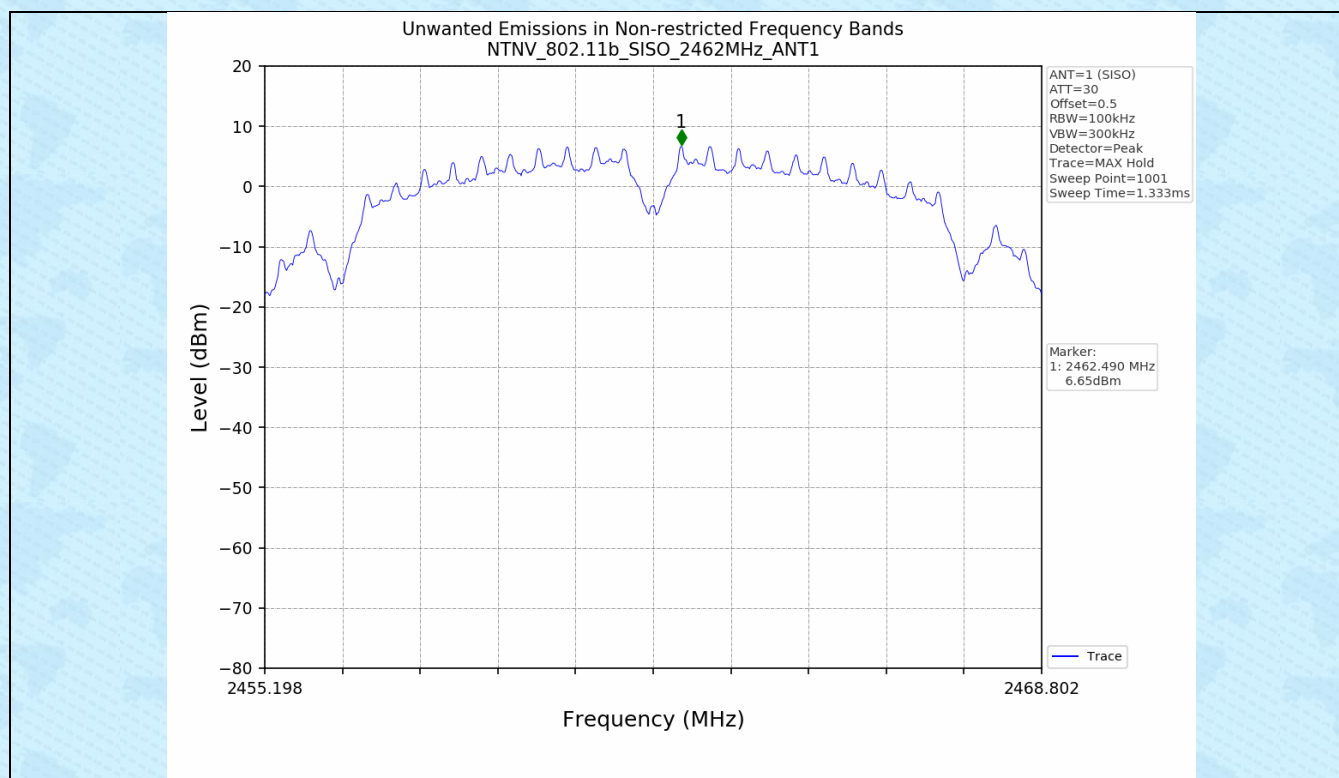


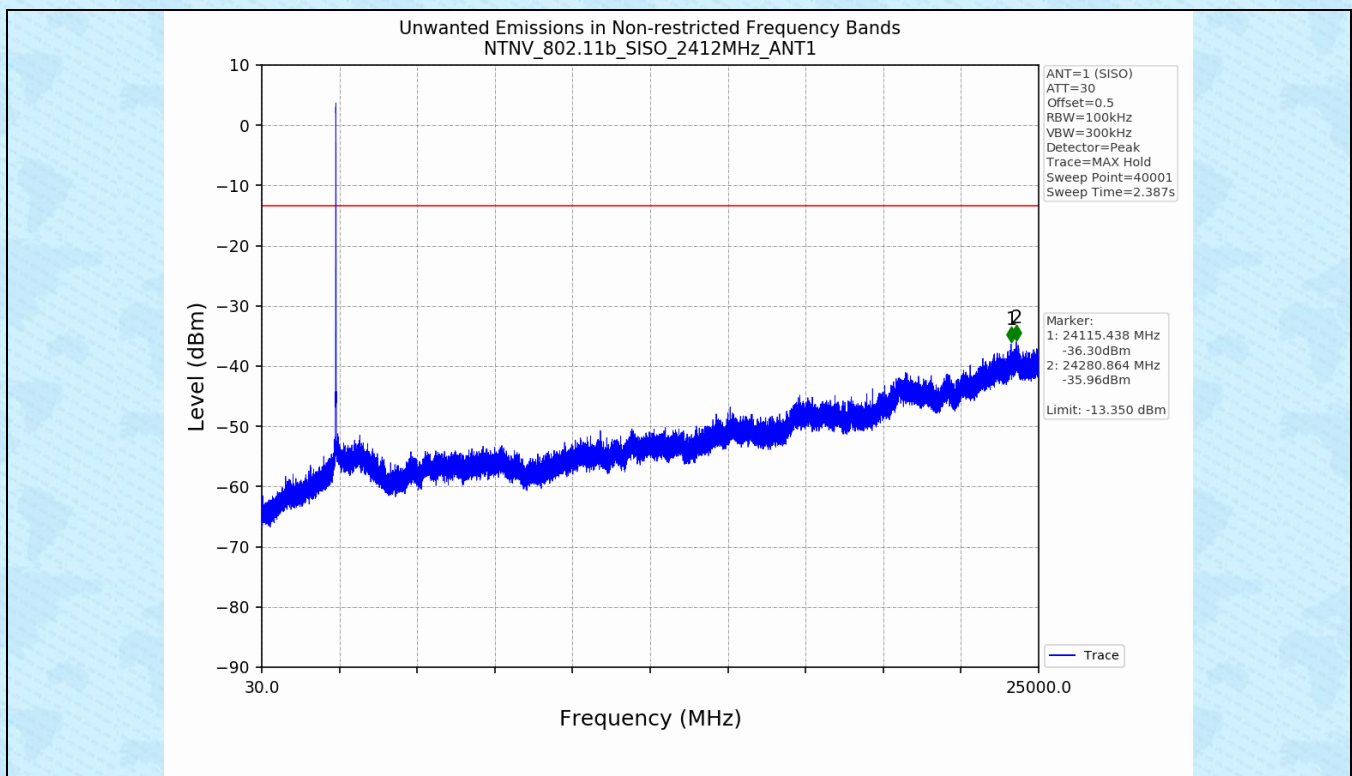
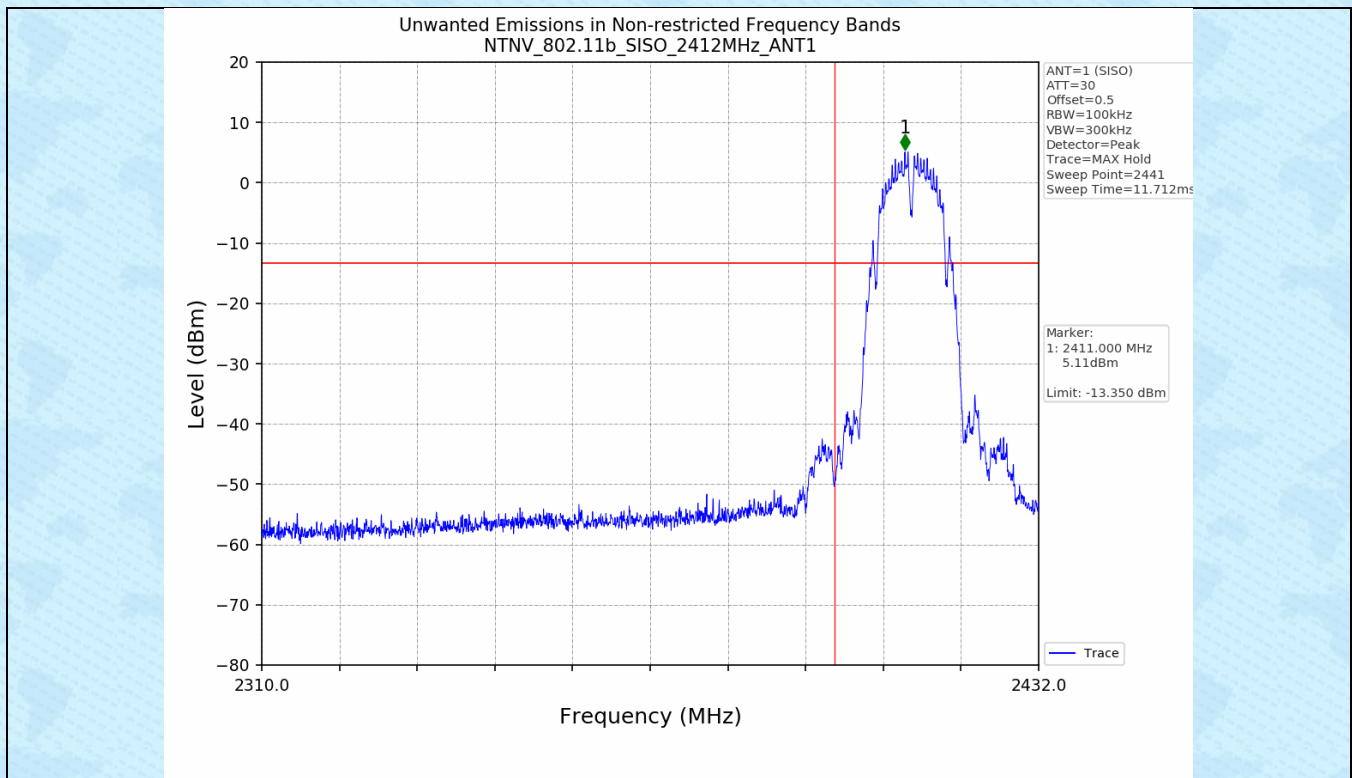
4. Unwanted Emissions in Non-restricted Frequency Bands

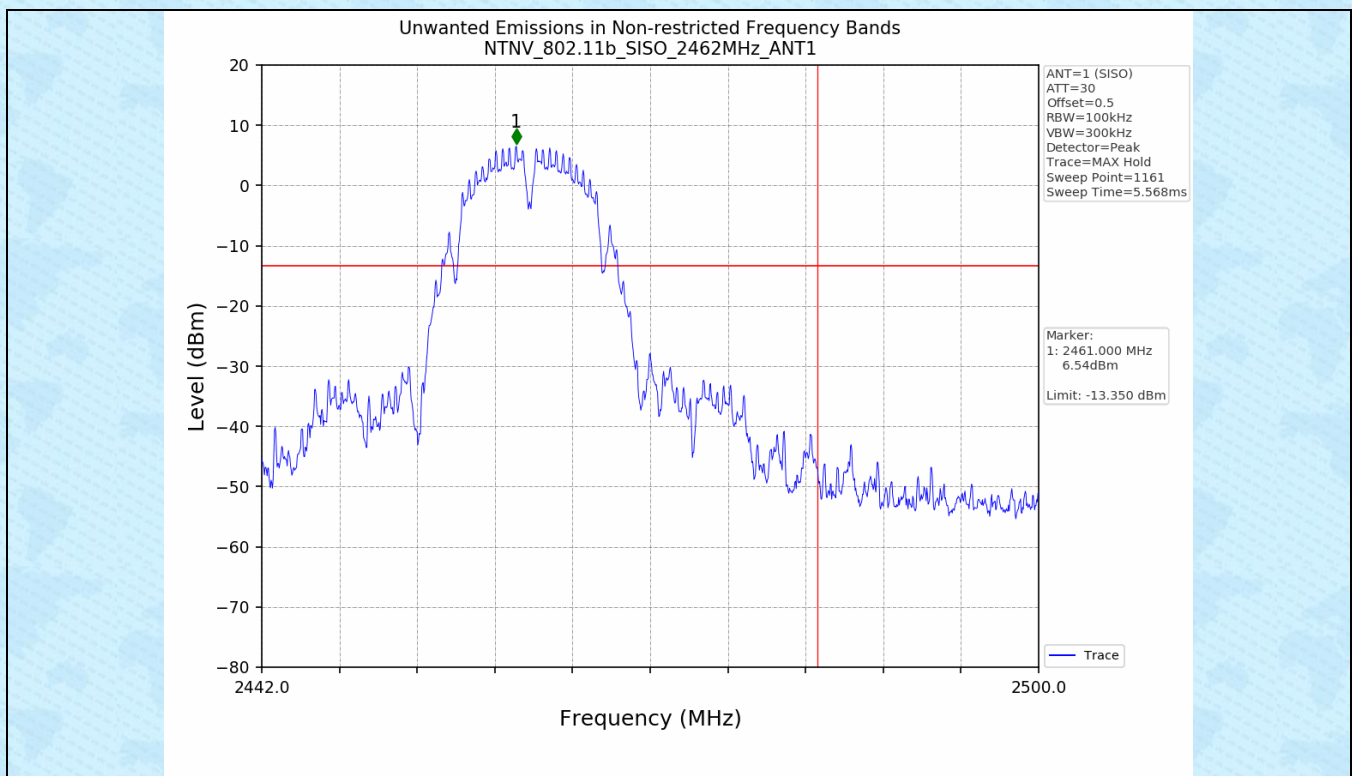
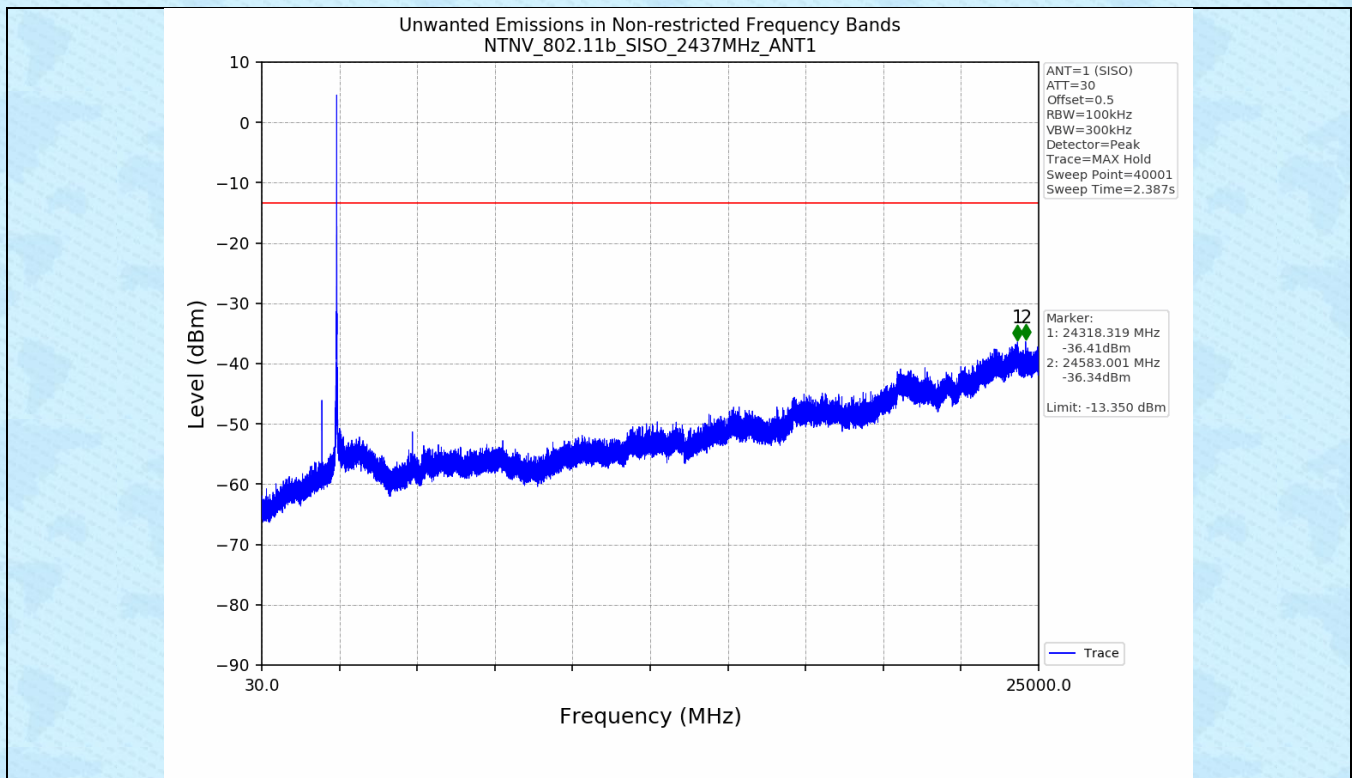
4.1 Test Result

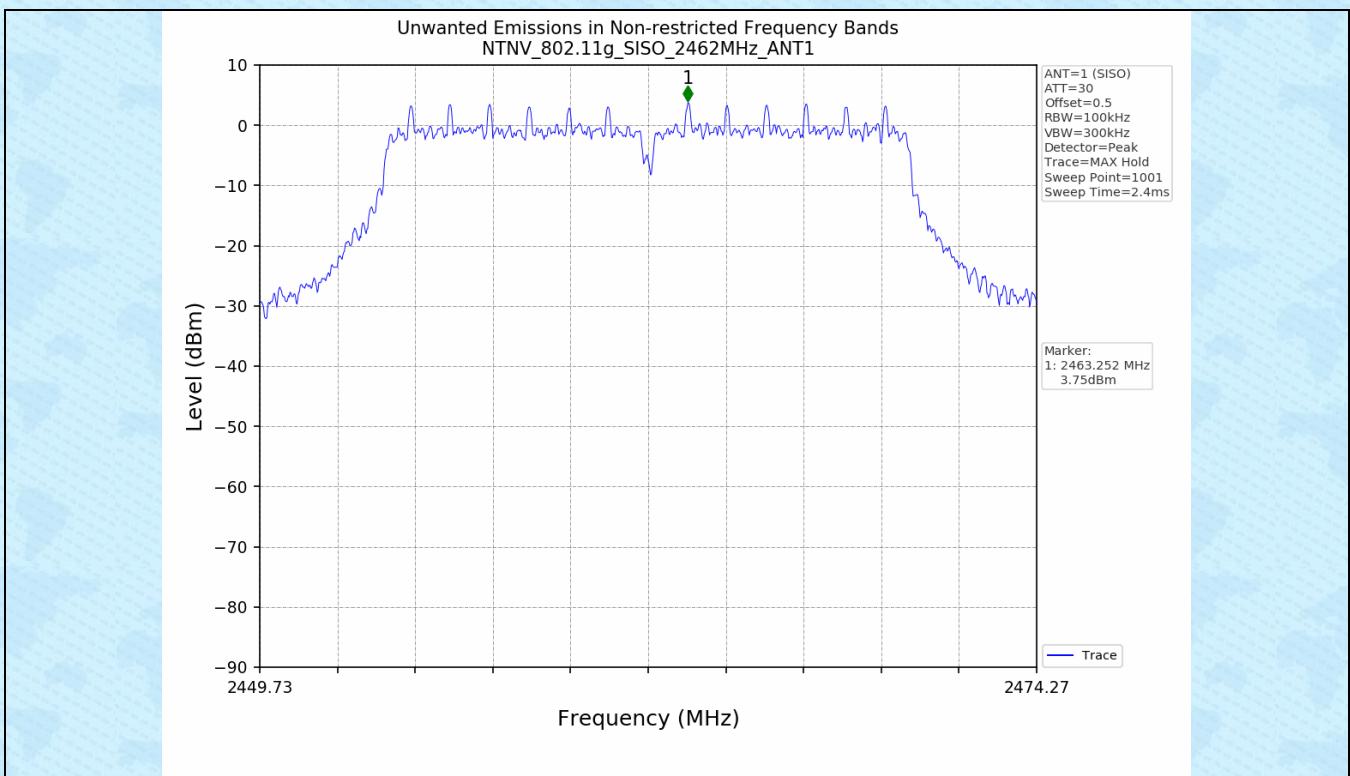
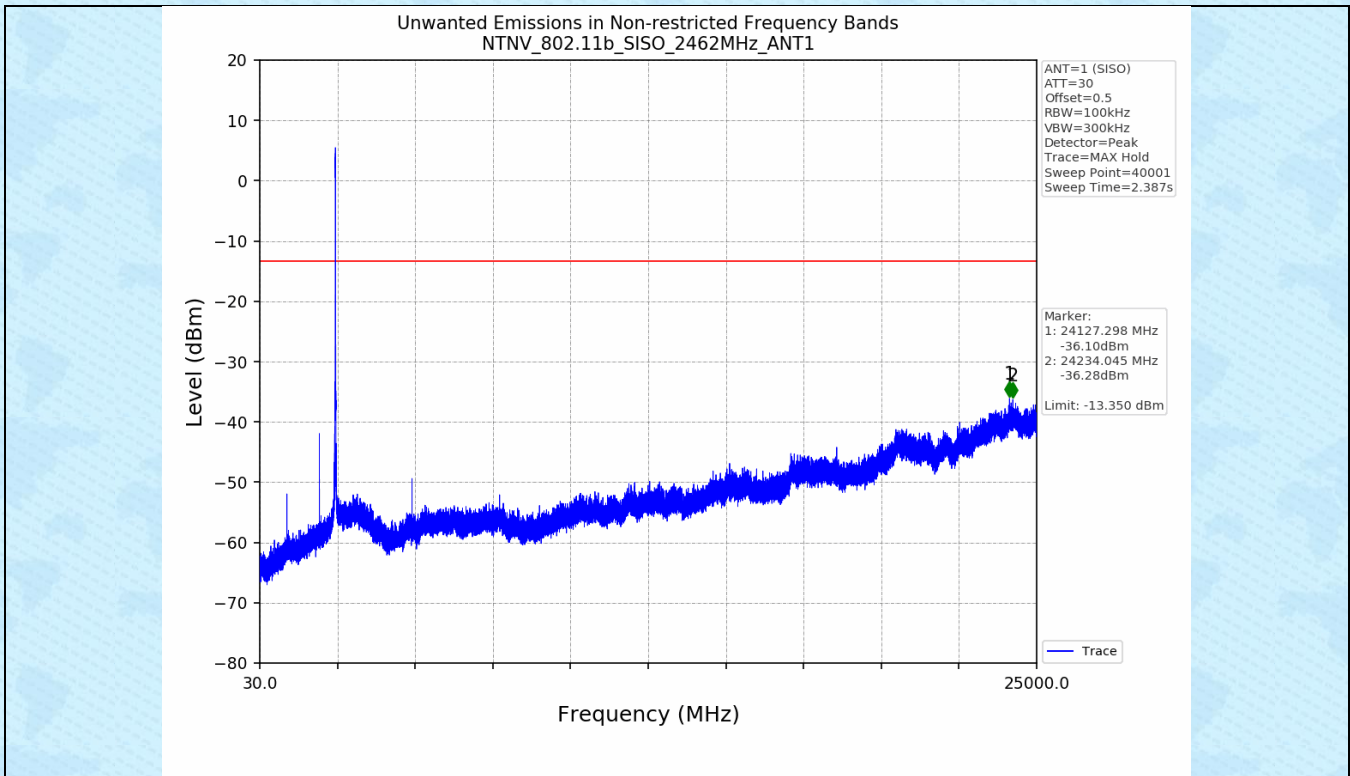
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	1	Refer to test graph	-13.35	PASS
	2437	SISO	1	Refer to test graph	-13.35	PASS
	2462	SISO	1	Refer to test graph	-13.35	PASS
802.11g	2412	SISO	1	Refer to test graph	-16.25	PASS
	2437	SISO	1	Refer to test graph	-16.25	PASS
	2462	SISO	1	Refer to test graph	-16.25	PASS
802.11n(HT20)	2412	SISO	1	Refer to test graph	-16.29	PASS
	2437	SISO	1	Refer to test graph	-16.29	PASS
	2462	SISO	1	Refer to test graph	-16.29	PASS

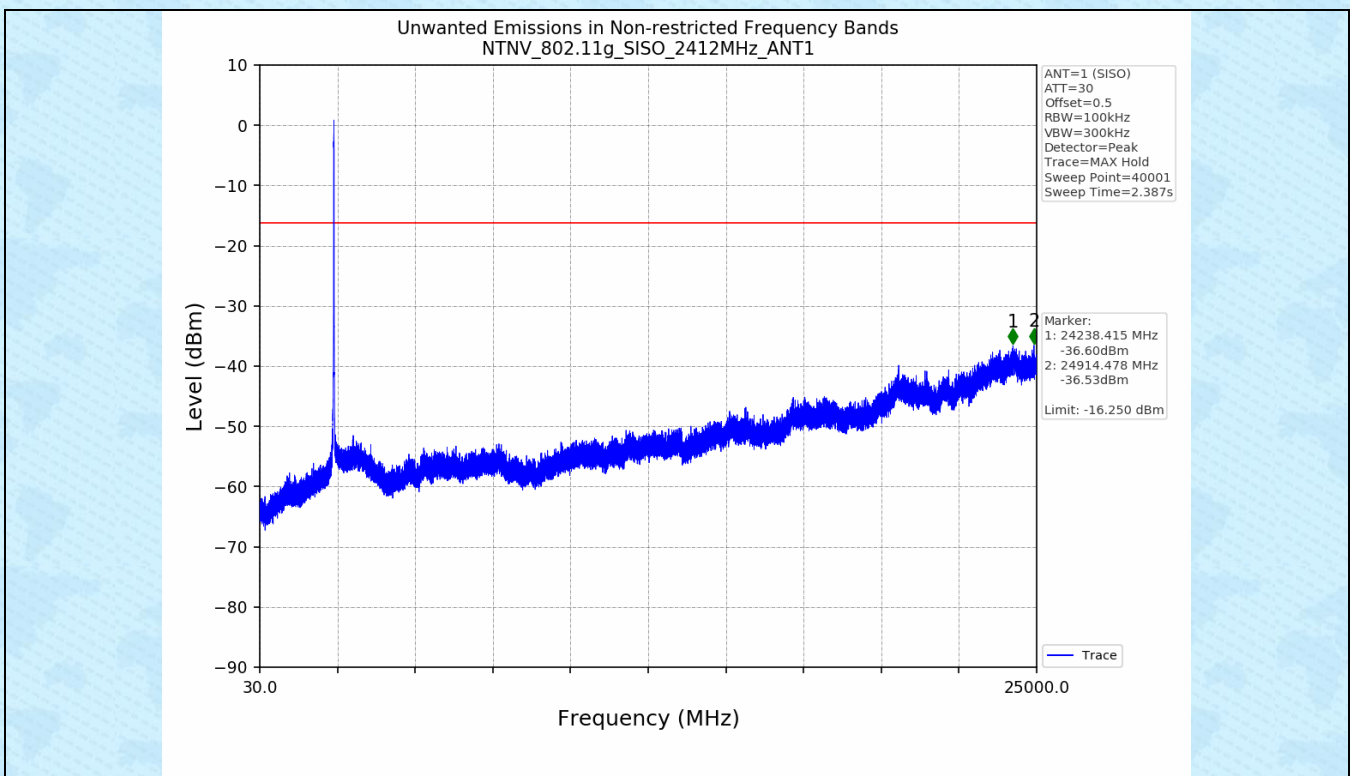
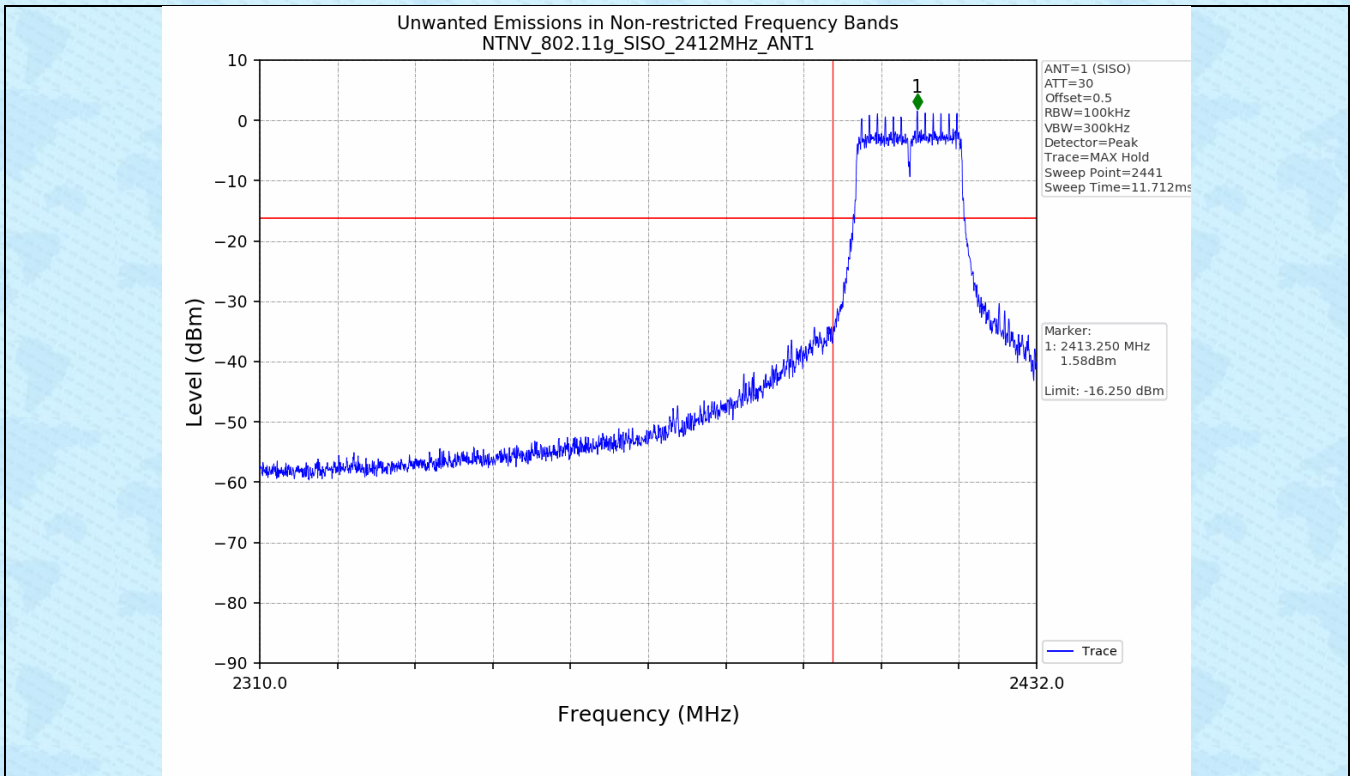
4.2 Test Graph

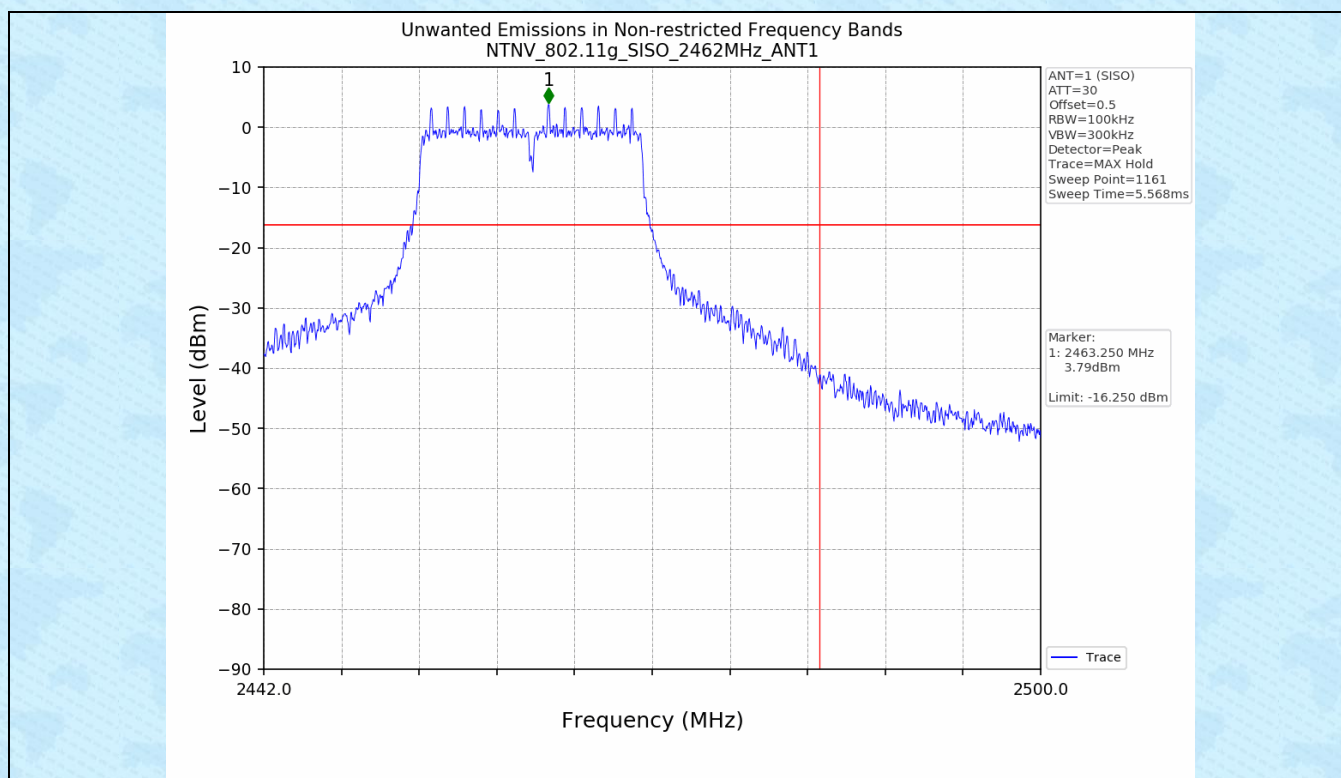
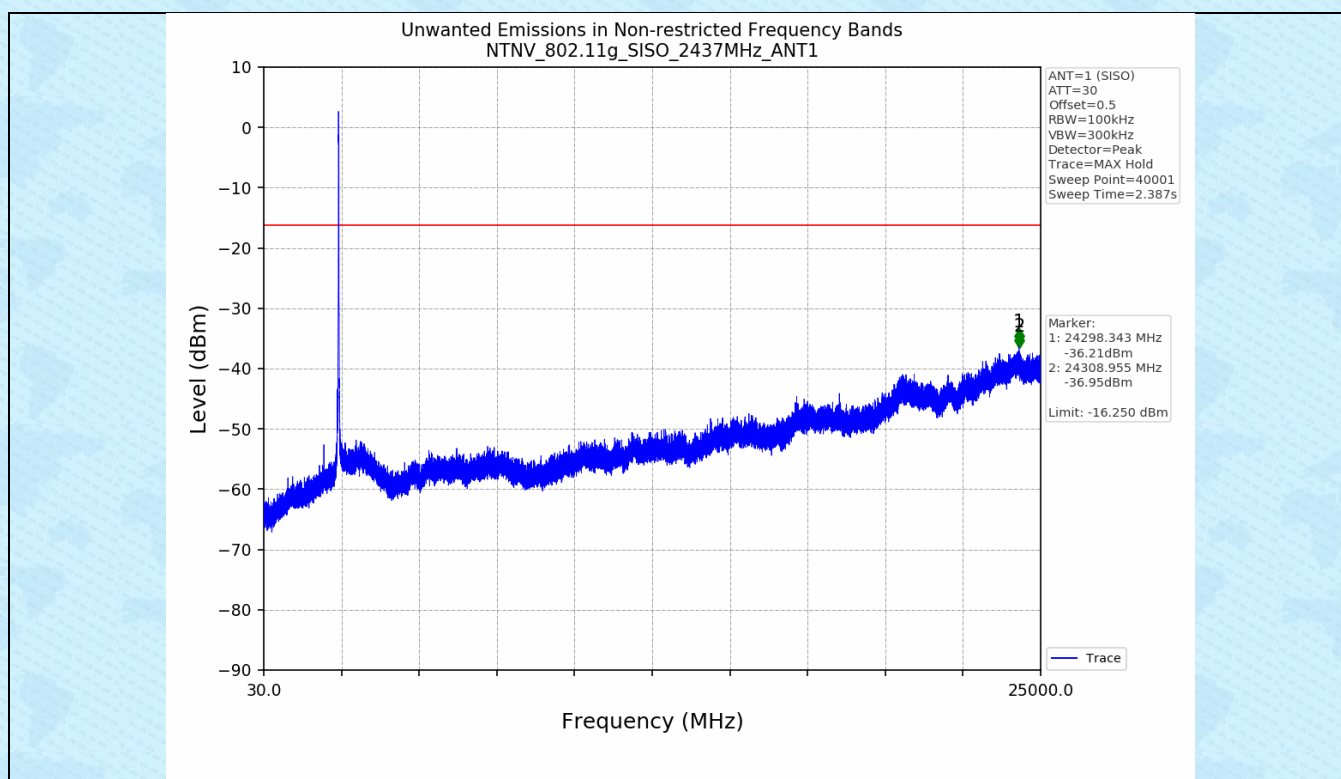


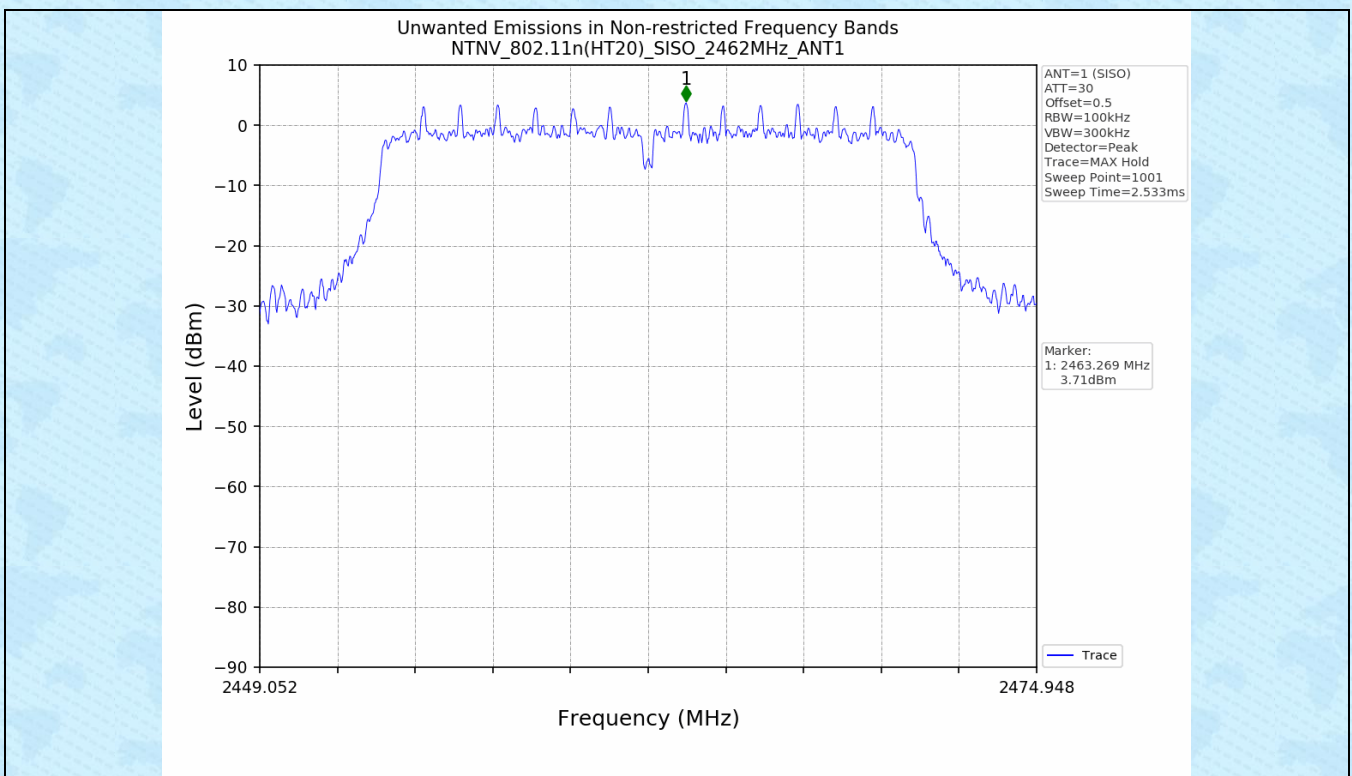
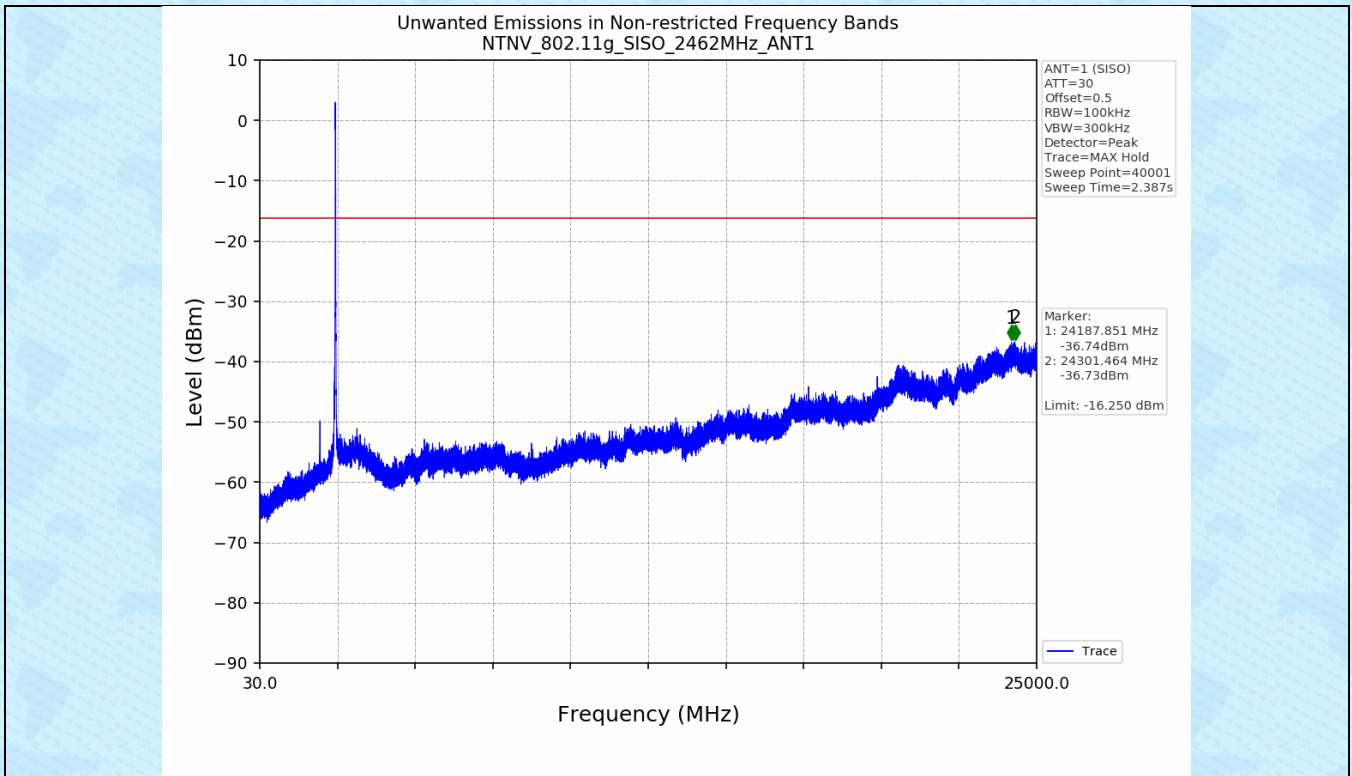


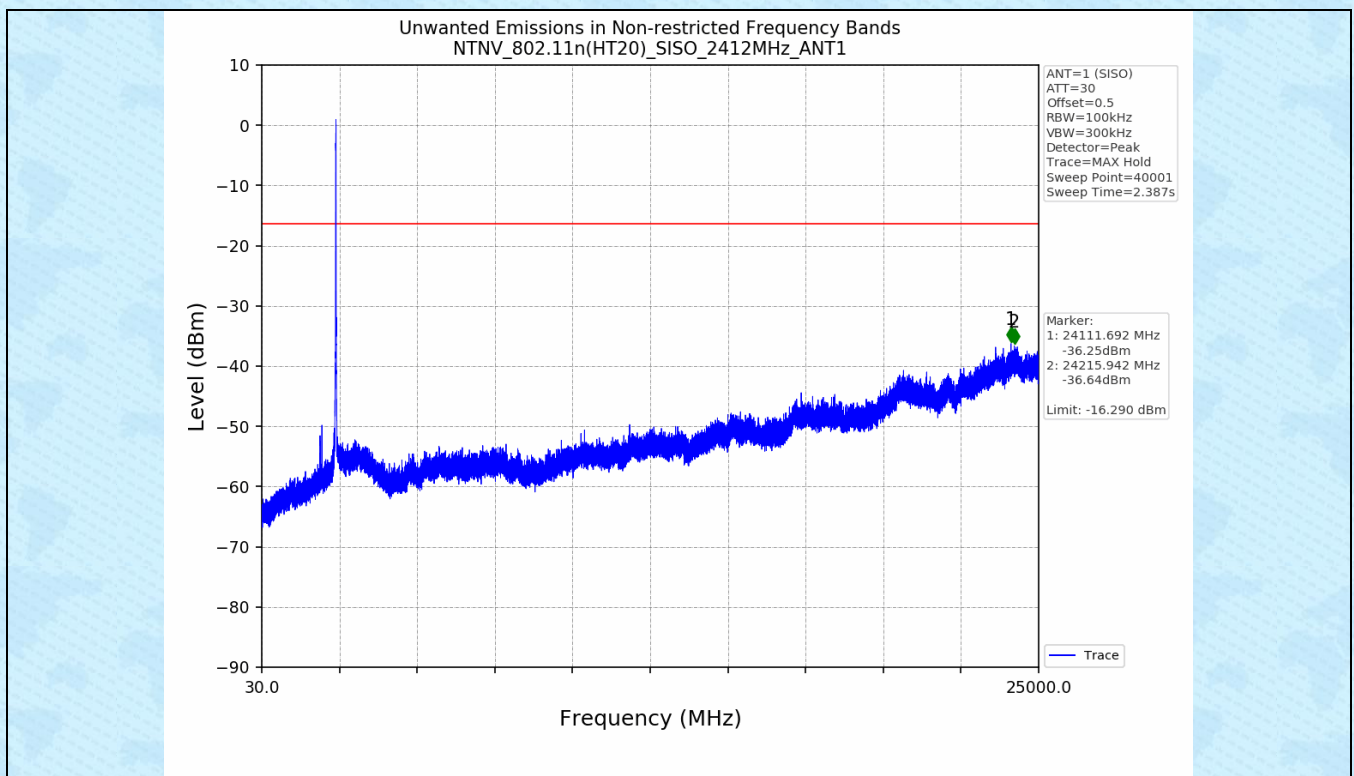
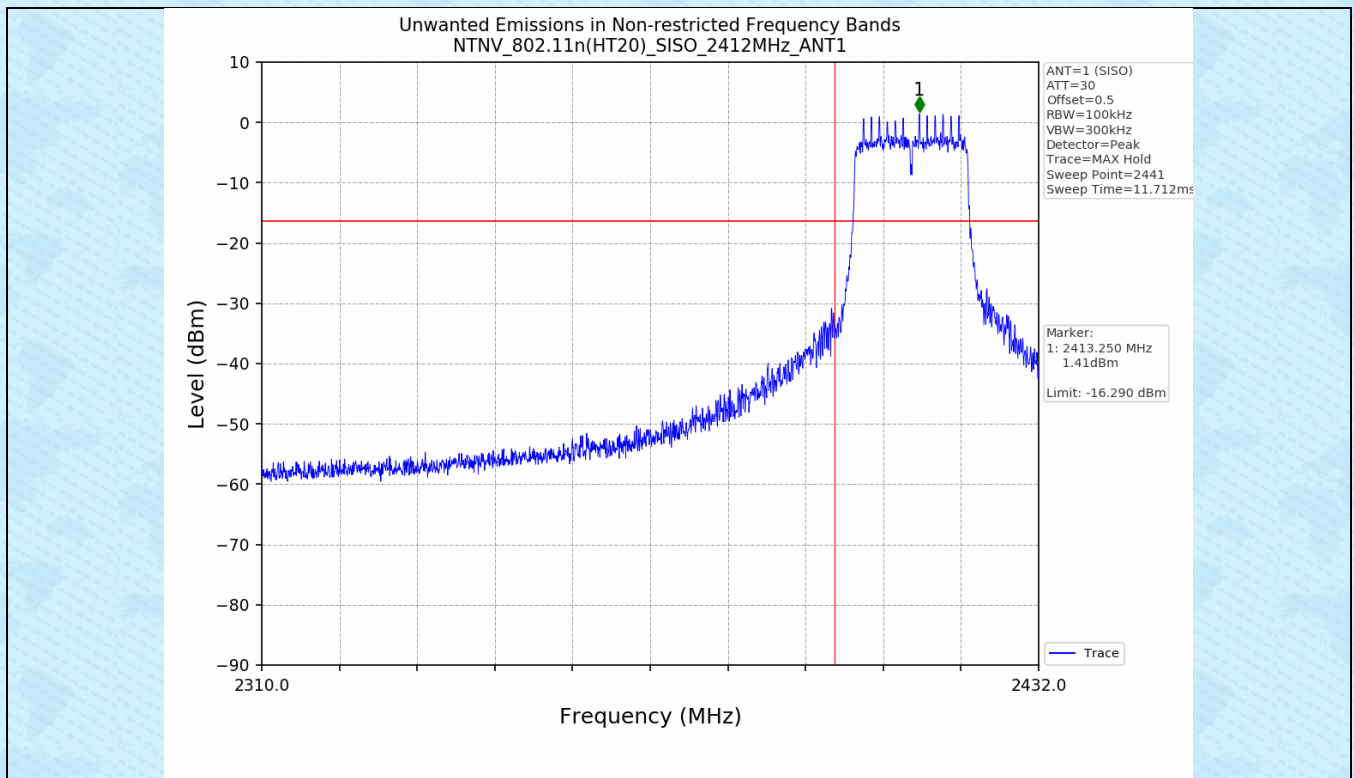


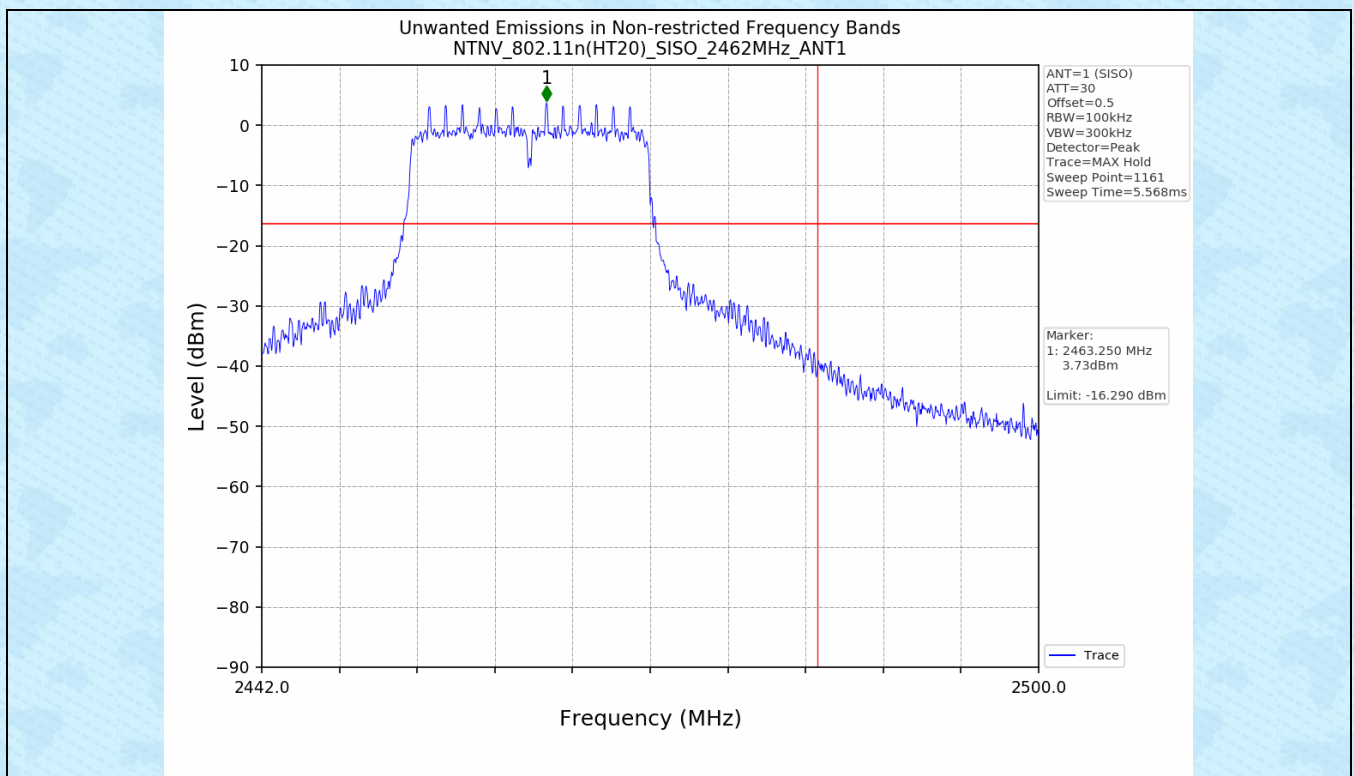
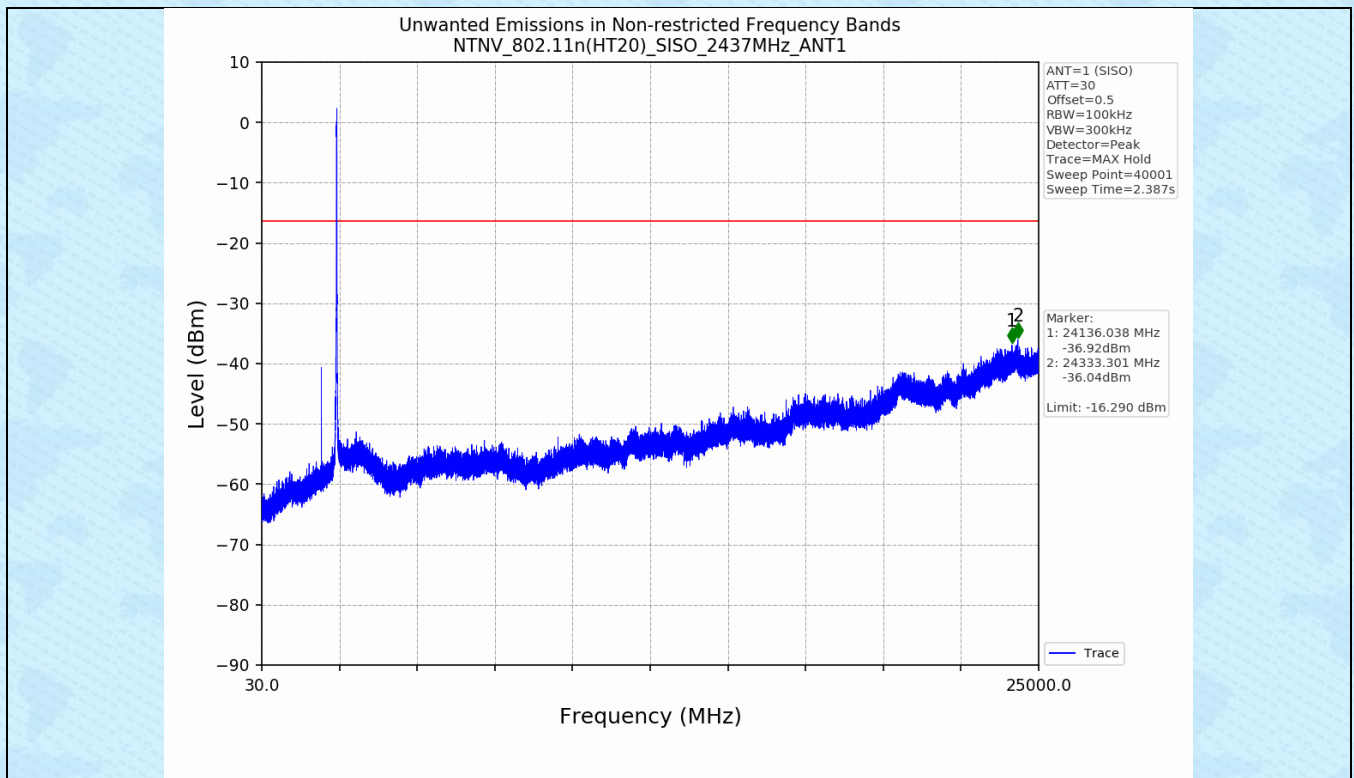


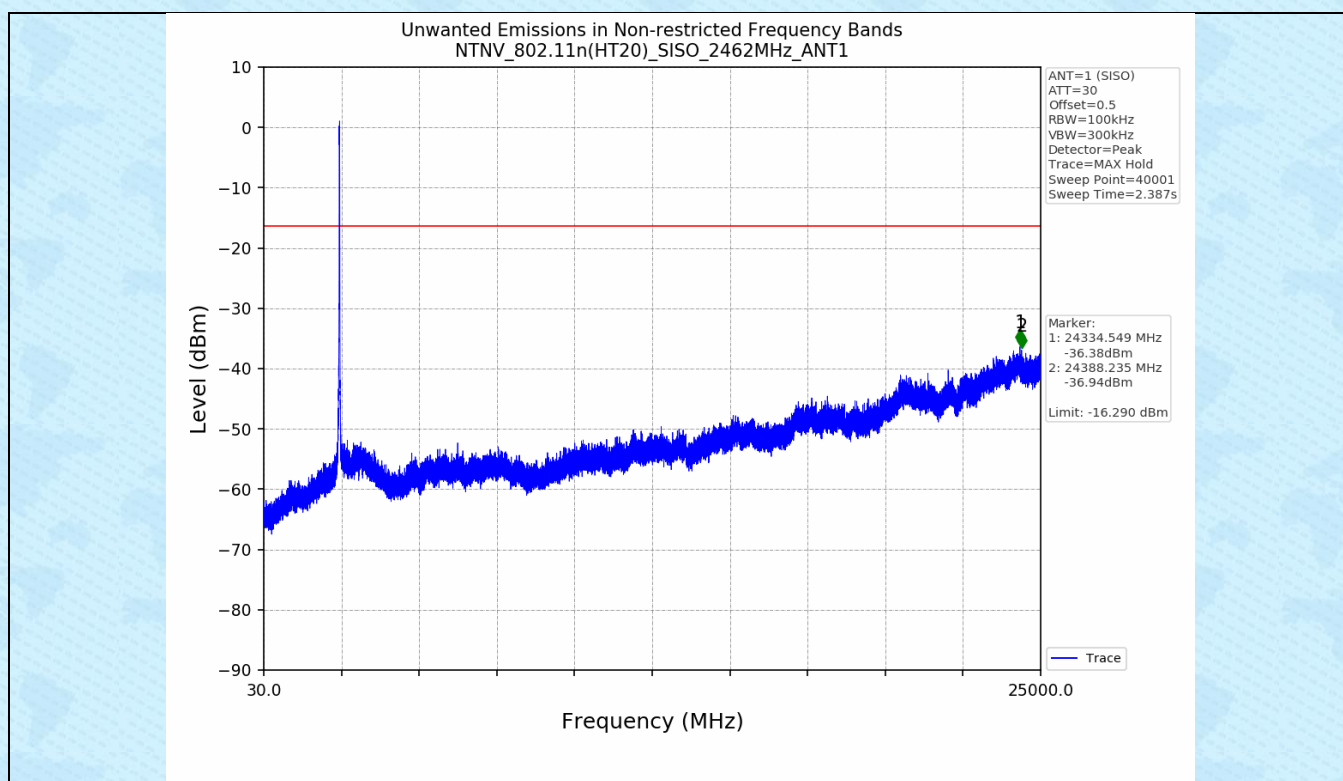












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