

Appendix for 15.247

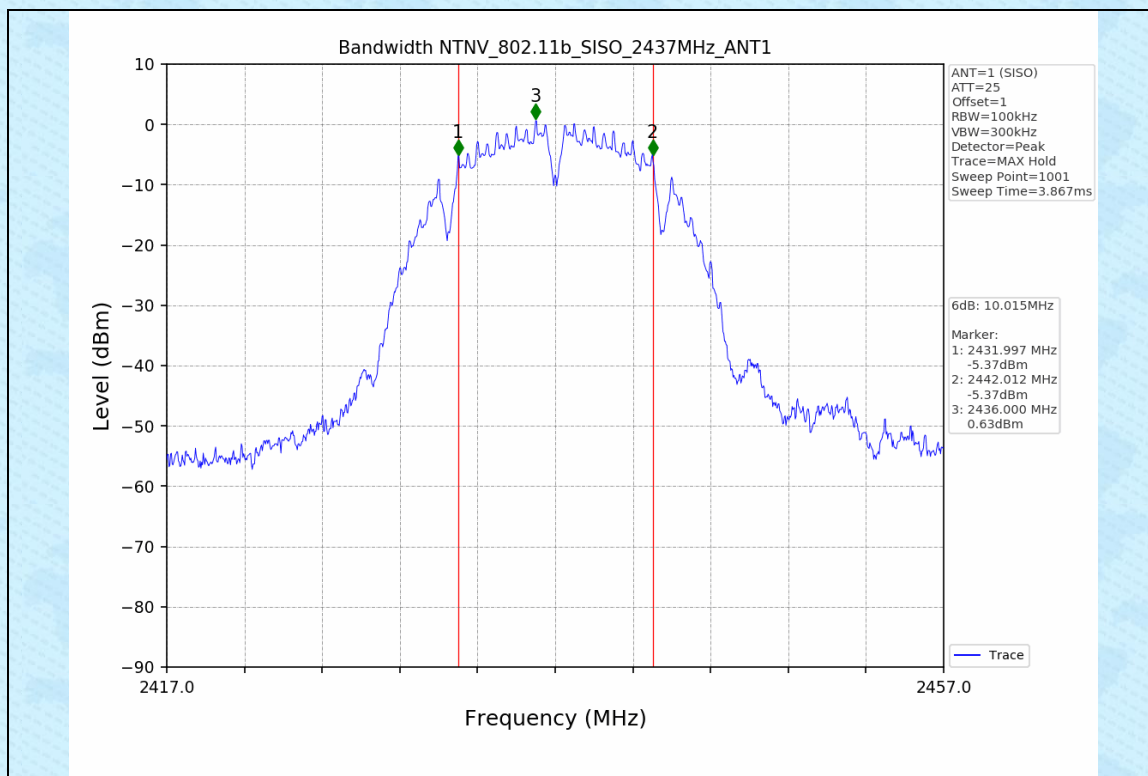
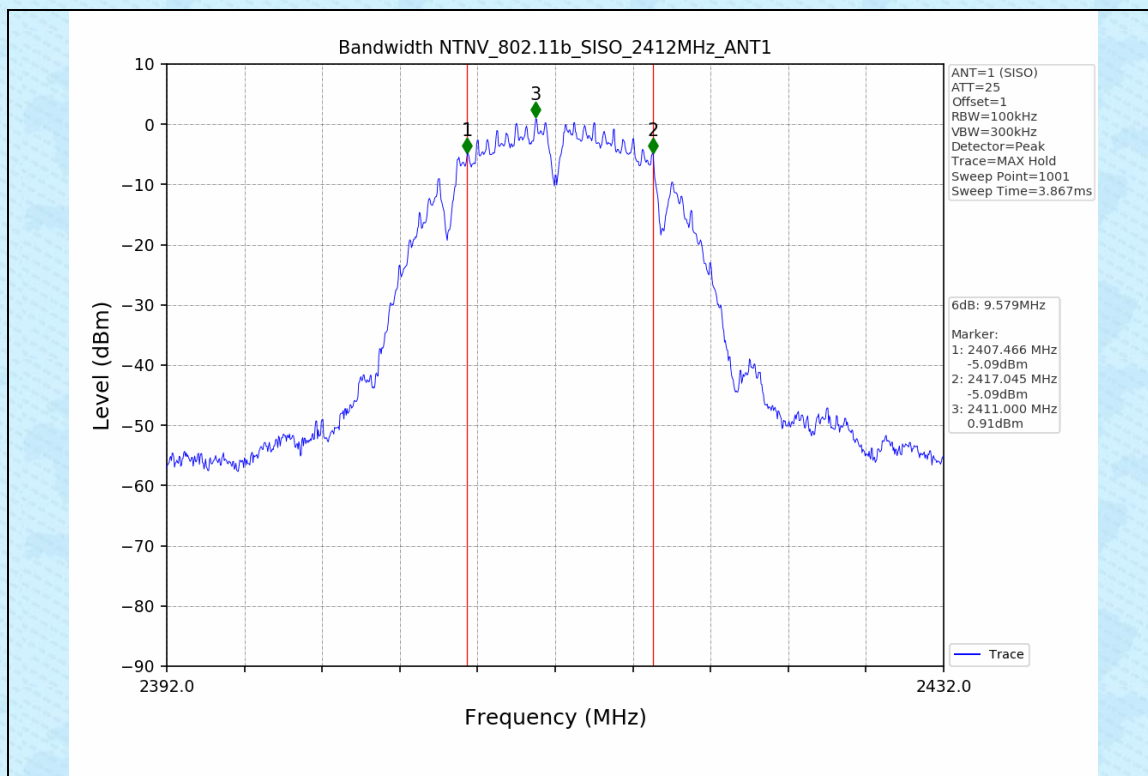
1. Bandwidth

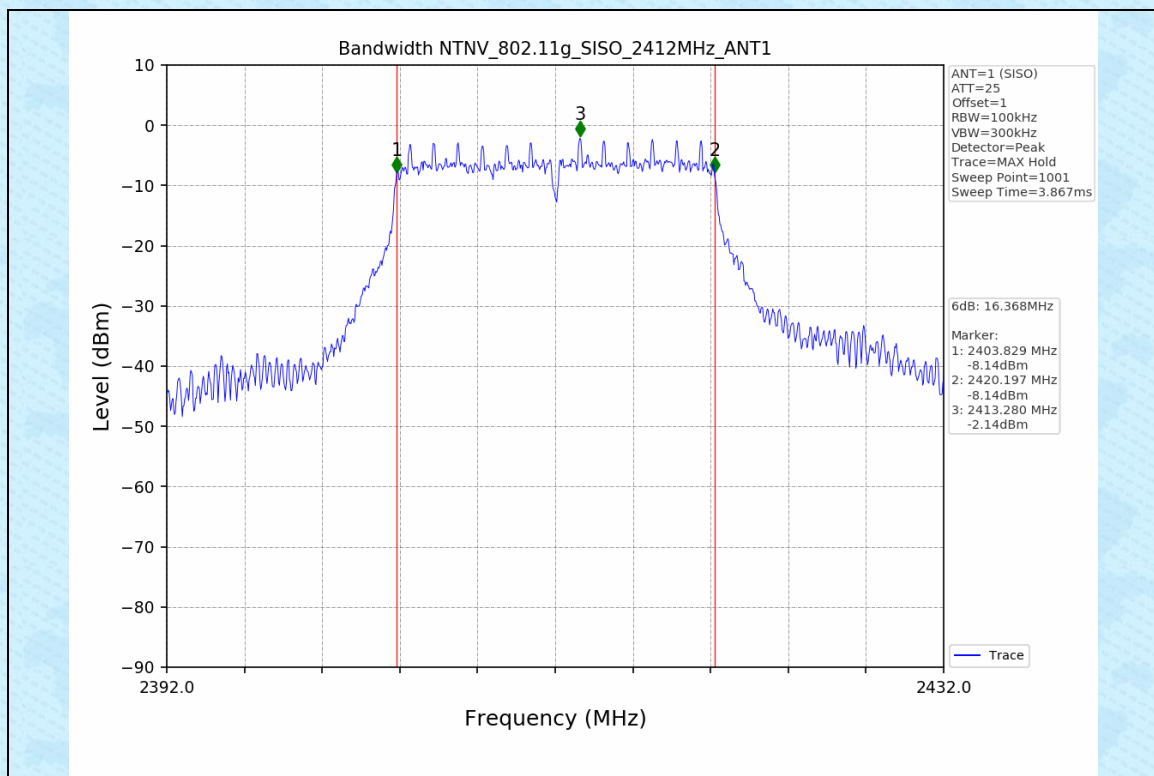
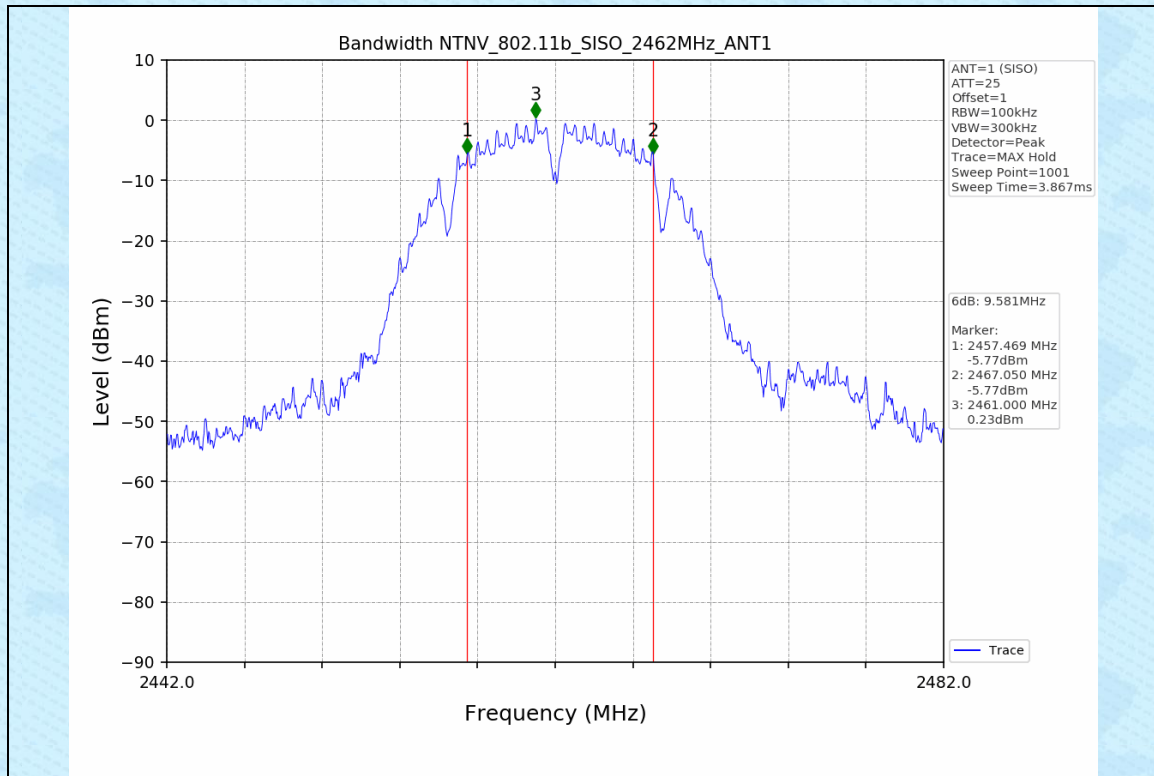
1.1 Test Result

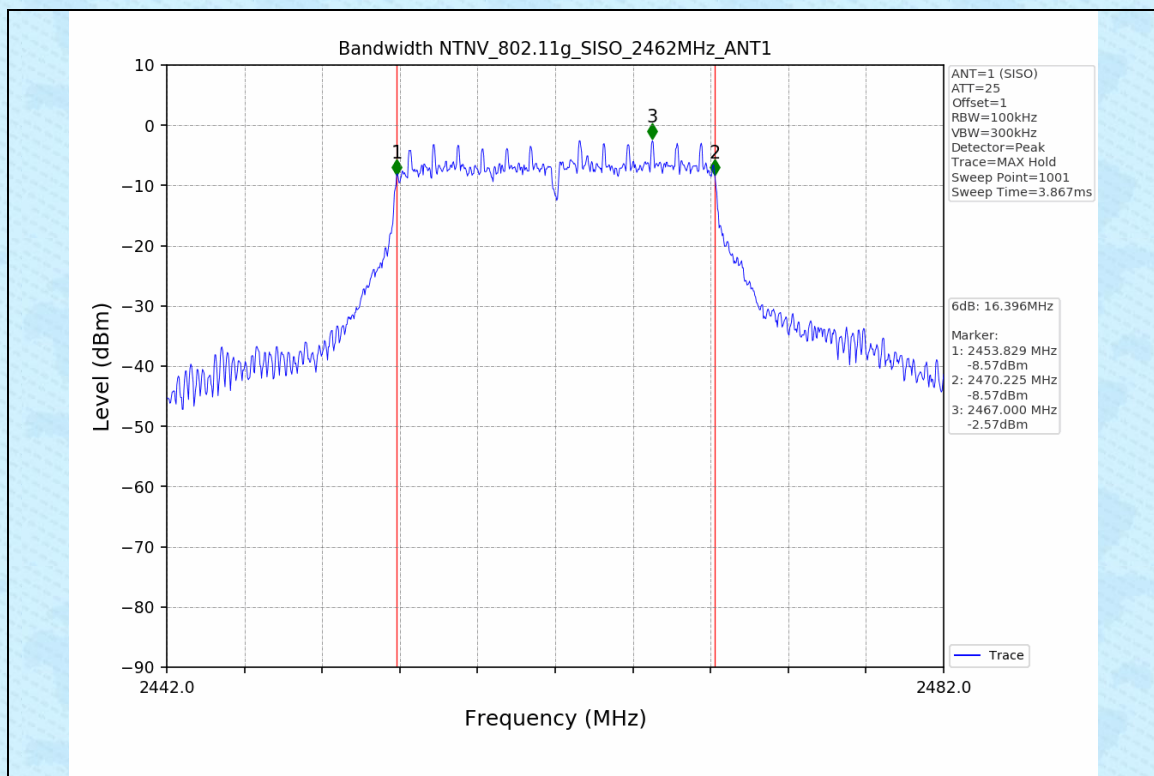
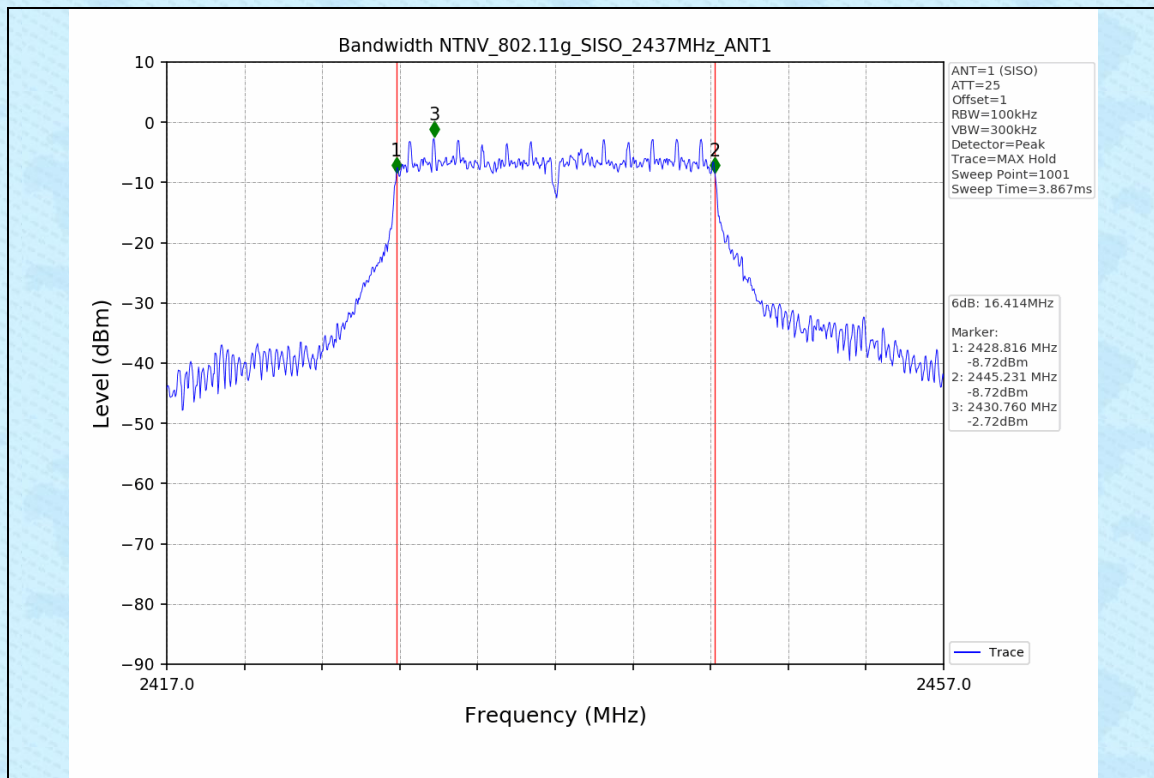
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11b	2412	SISO	ANT1	9.579	≥0.5	PASS
	2437	SISO	ANT1	10.015	≥0.5	PASS
	2462	SISO	ANT1	9.581	≥0.5	PASS
802.11g	2412	SISO	ANT1	16.368	≥0.5	PASS
	2437	SISO	ANT1	16.414	≥0.5	PASS
	2462	SISO	ANT1	16.396	≥0.5	PASS
802.11n(HT20)	2412	SISO	ANT1	17.597	≥0.5	PASS
	2437	SISO	ANT1	17.593	≥0.5	PASS
	2462	SISO	ANT1	17.575	≥0.5	PASS
802.11n(HT40)	2422	SISO	ANT1	35.189	≥0.5	PASS
	2437	SISO	ANT1	35.404	≥0.5	PASS
	2452	SISO	ANT1	35.529	≥0.5	PASS

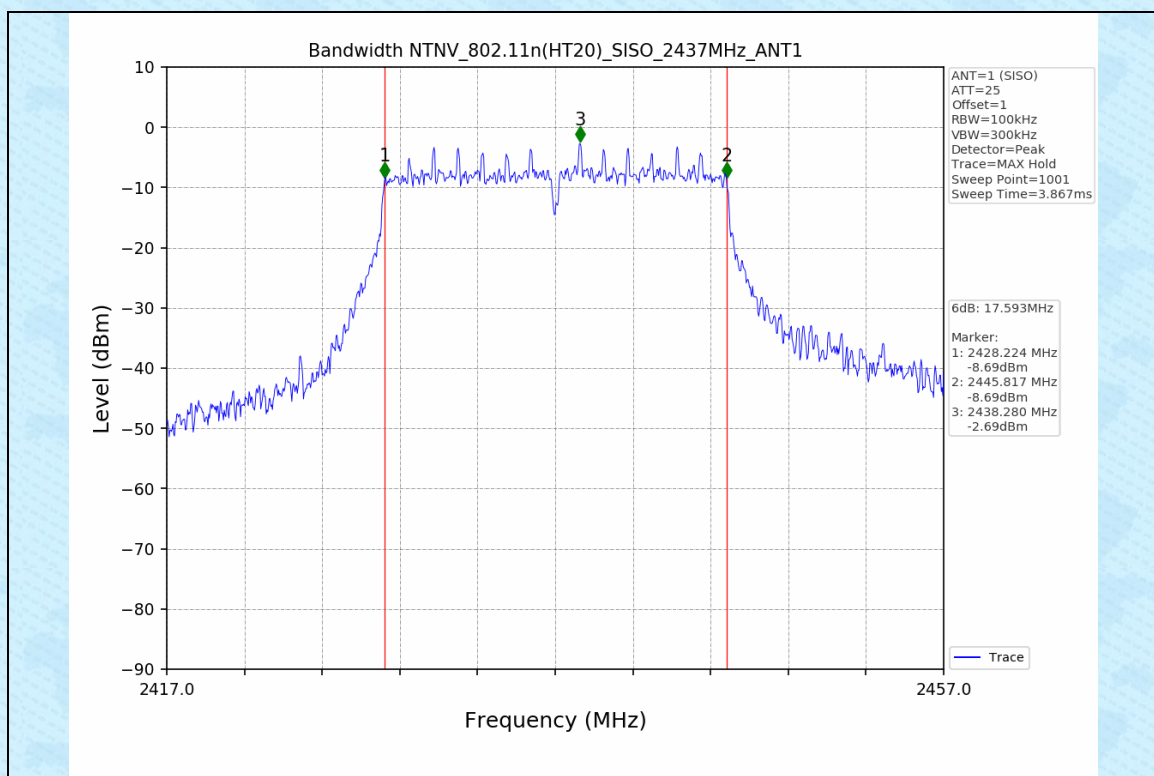
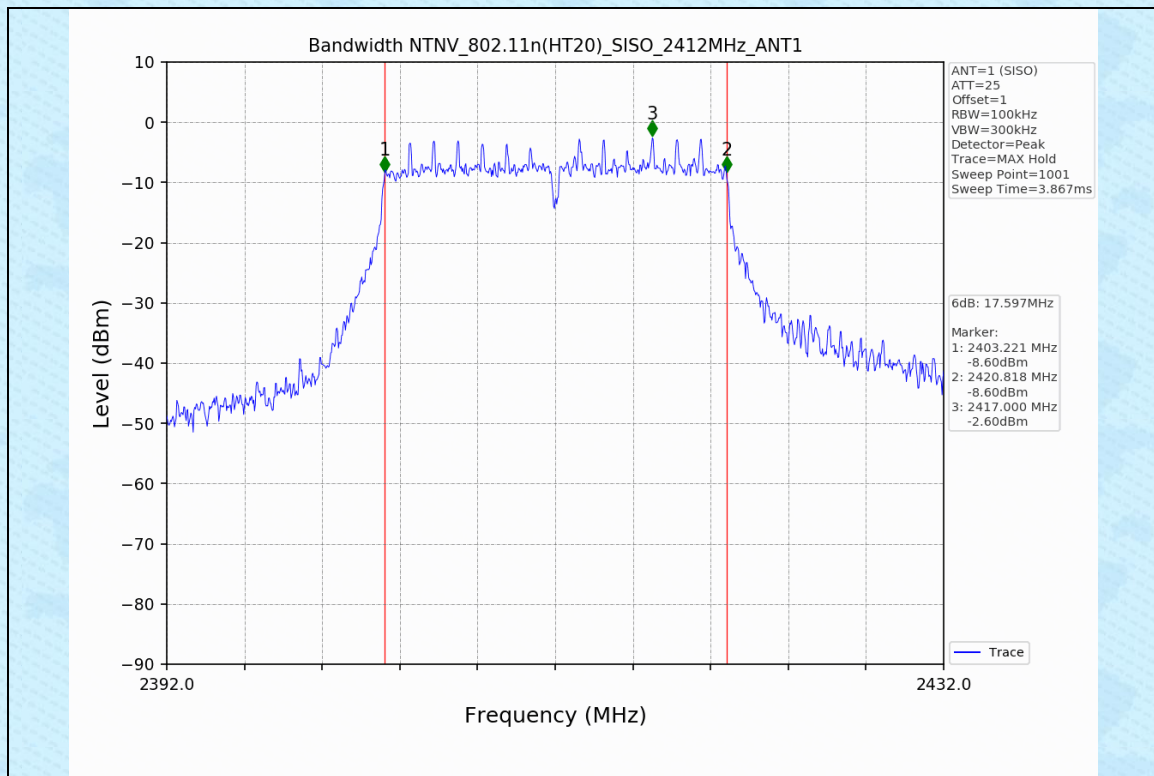
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	ANT1	13.073	Only for Report Use
	2437	SISO	ANT1	13.103	Only for Report Use
	2462	SISO	ANT1	13.220	Only for Report Use
802.11g	2412	SISO	ANT1	17.236	Only for Report Use
	2437	SISO	ANT1	17.307	Only for Report Use
	2462	SISO	ANT1	17.292	Only for Report Use
802.11n(HT20)	2412	SISO	ANT1	18.162	Only for Report Use
	2437	SISO	ANT1	18.198	Only for Report Use
	2462	SISO	ANT1	18.197	Only for Report Use
802.11n(HT40)	2422	SISO	ANT1	37.194	Only for Report Use
	2437	SISO	ANT1	37.216	Only for Report Use
	2452	SISO	ANT1	37.159	Only for Report Use

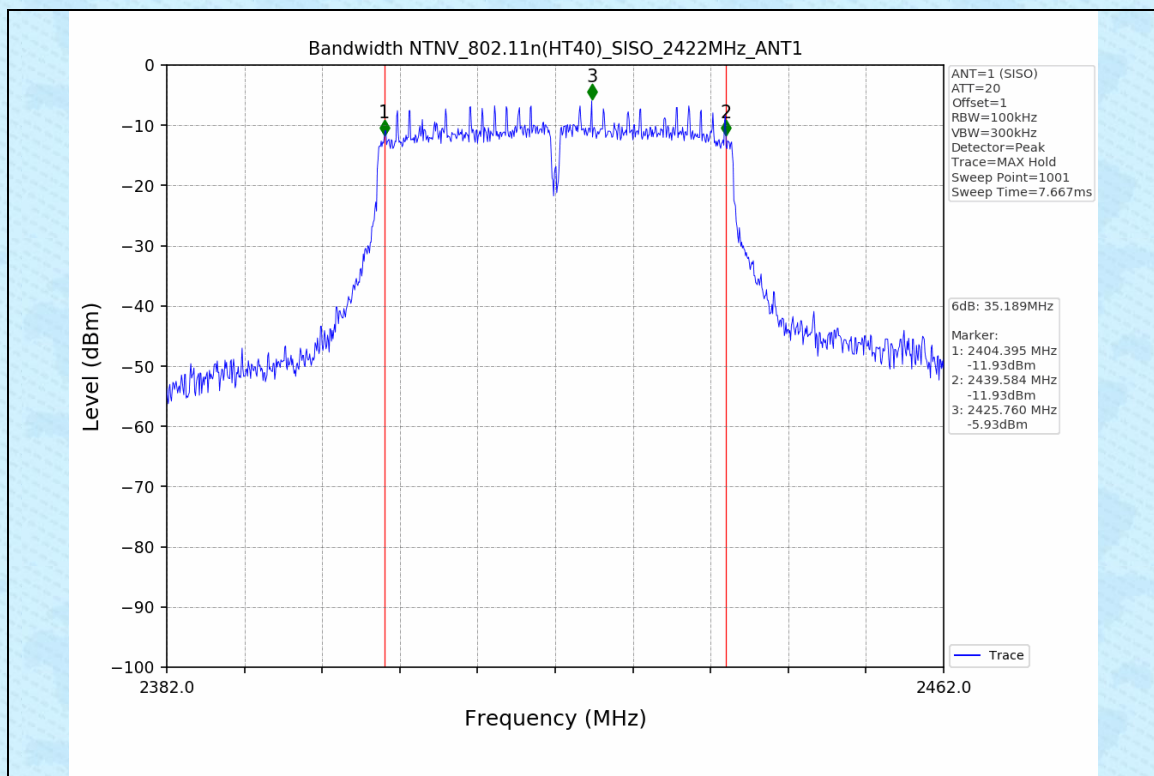
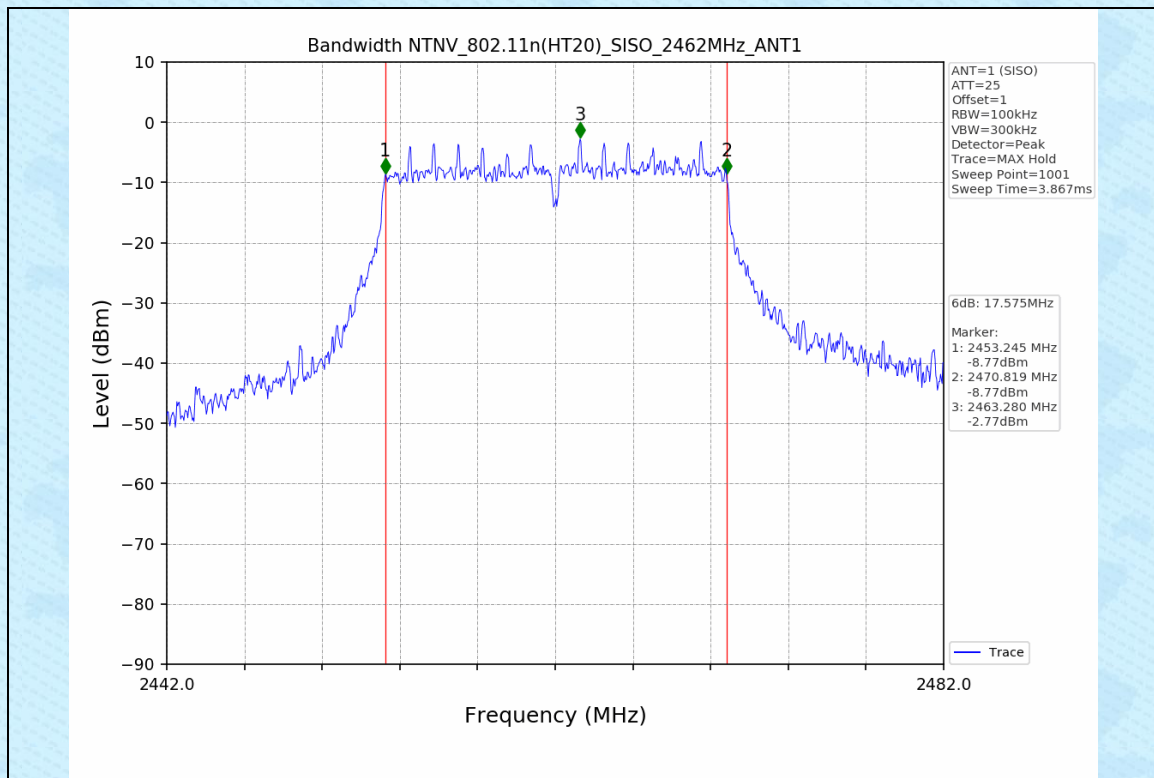
1.2 Test Graph - 6dB Bandwidth

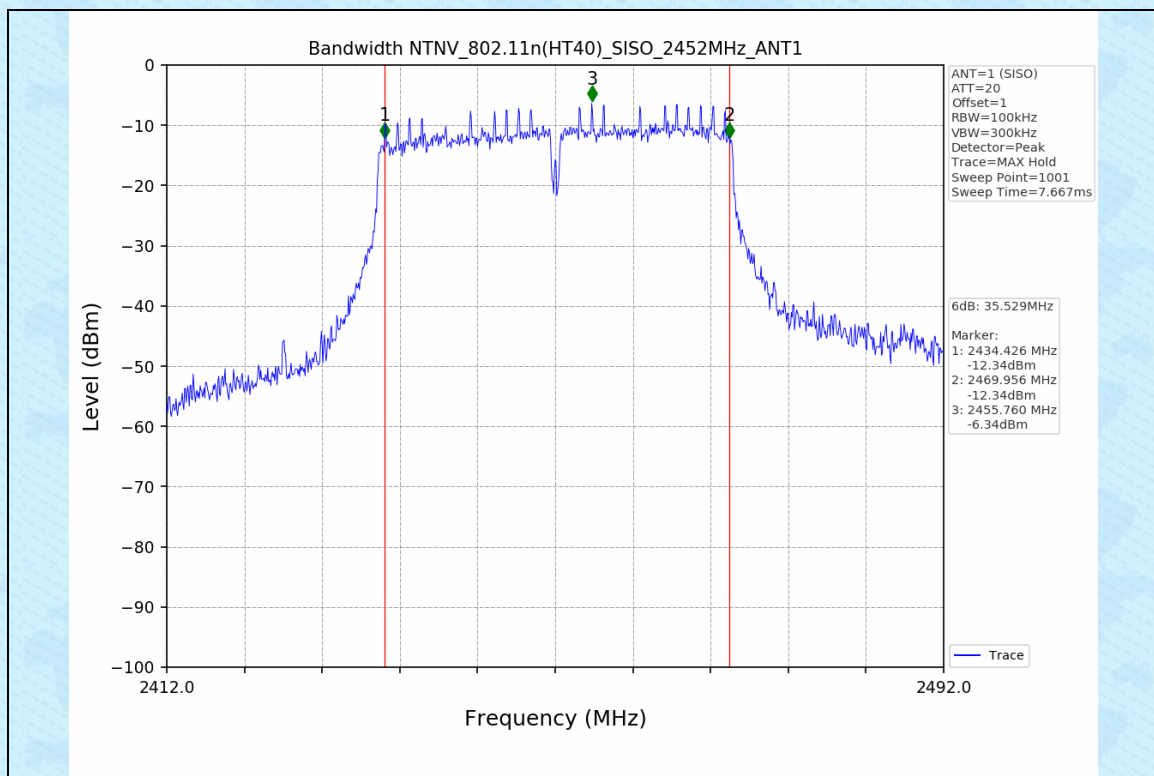
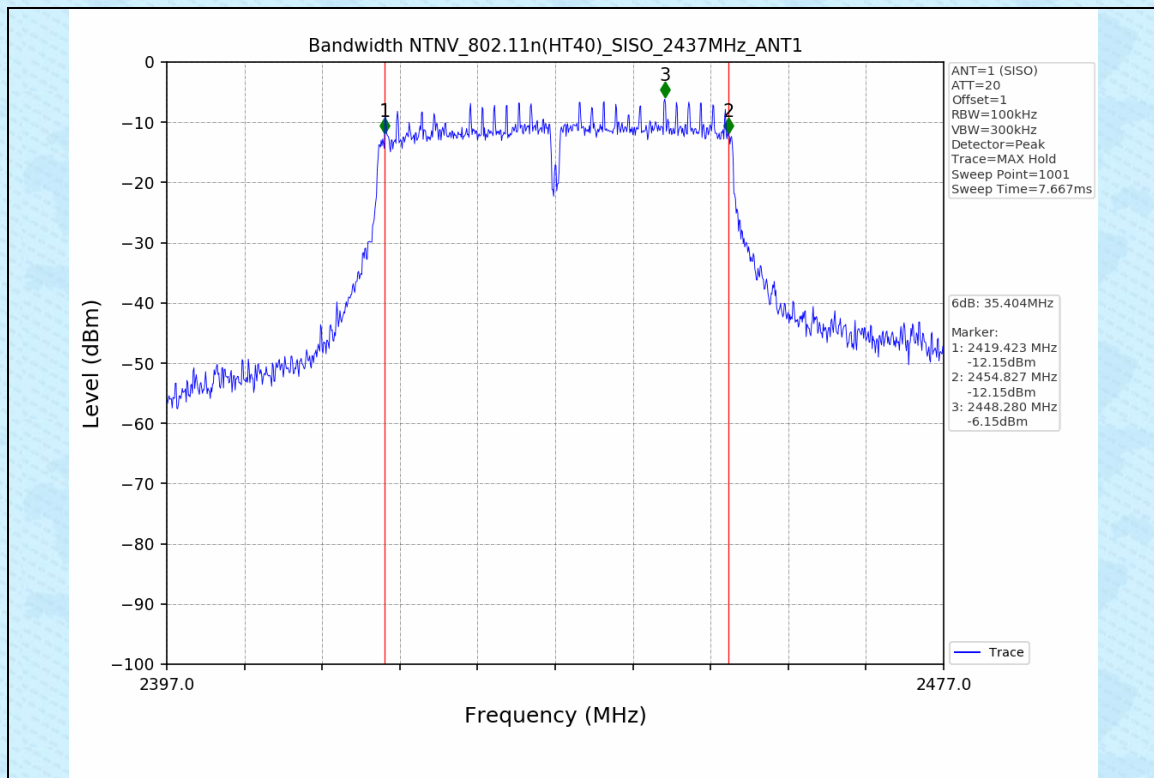




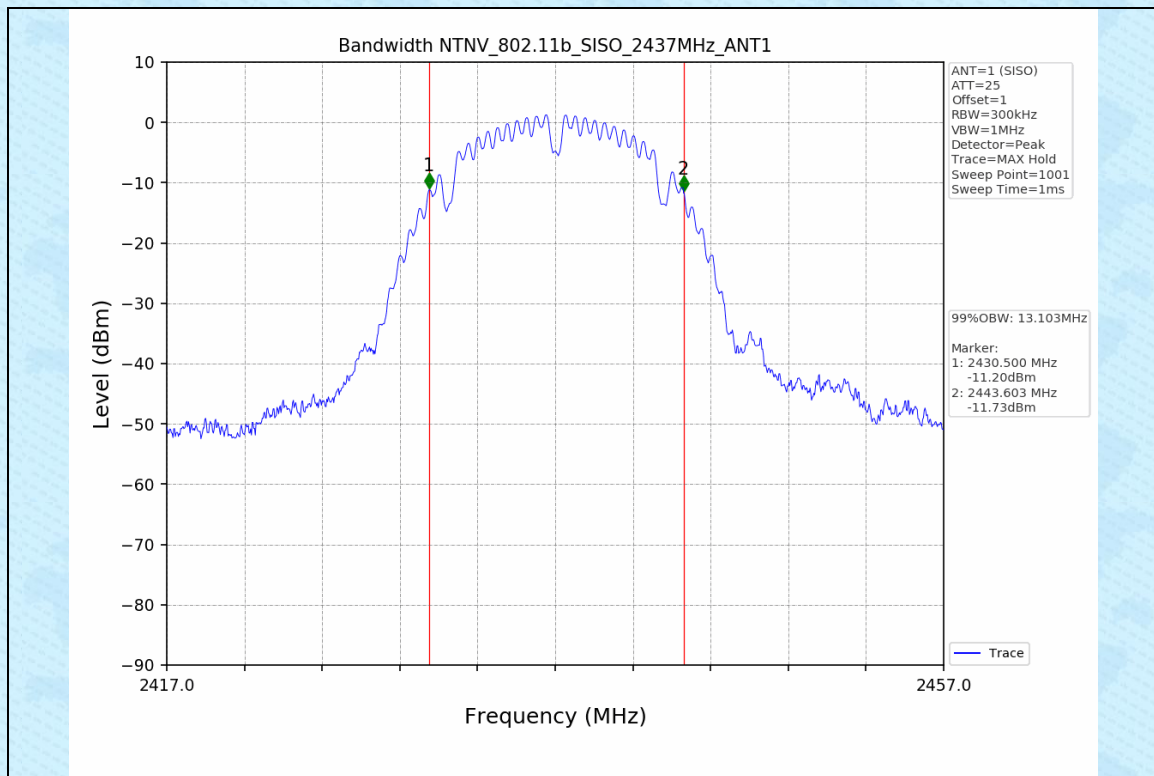
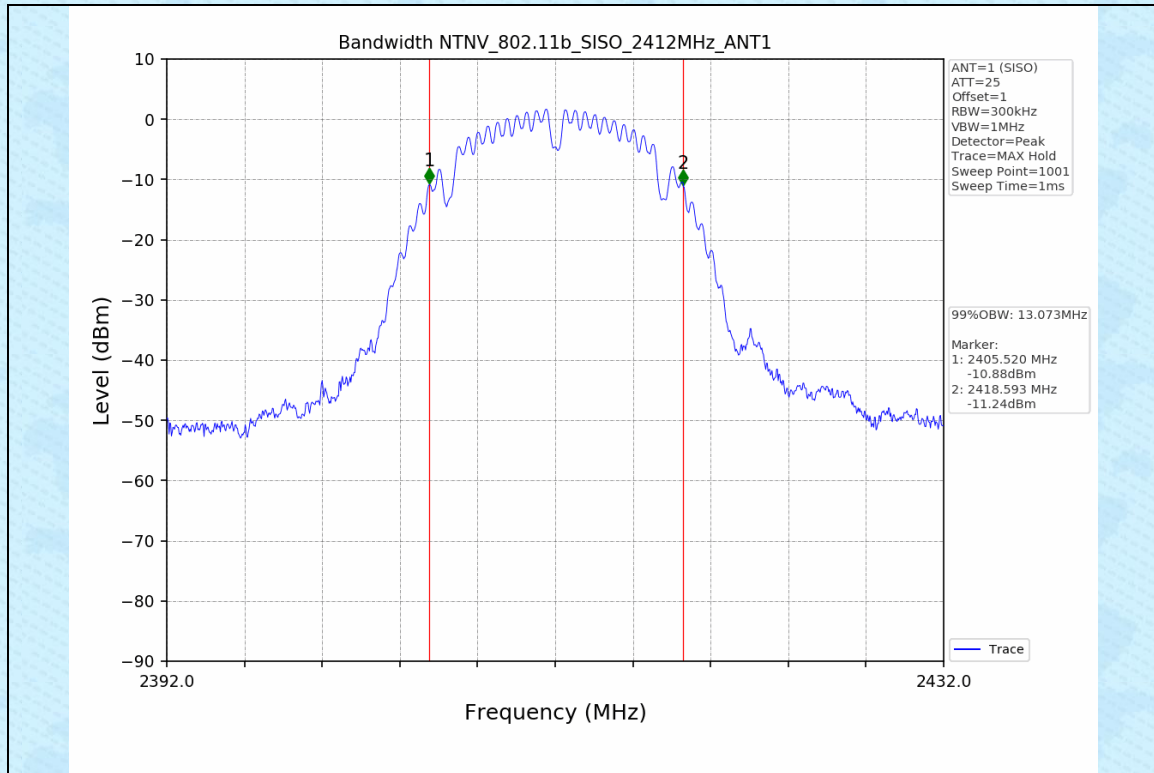


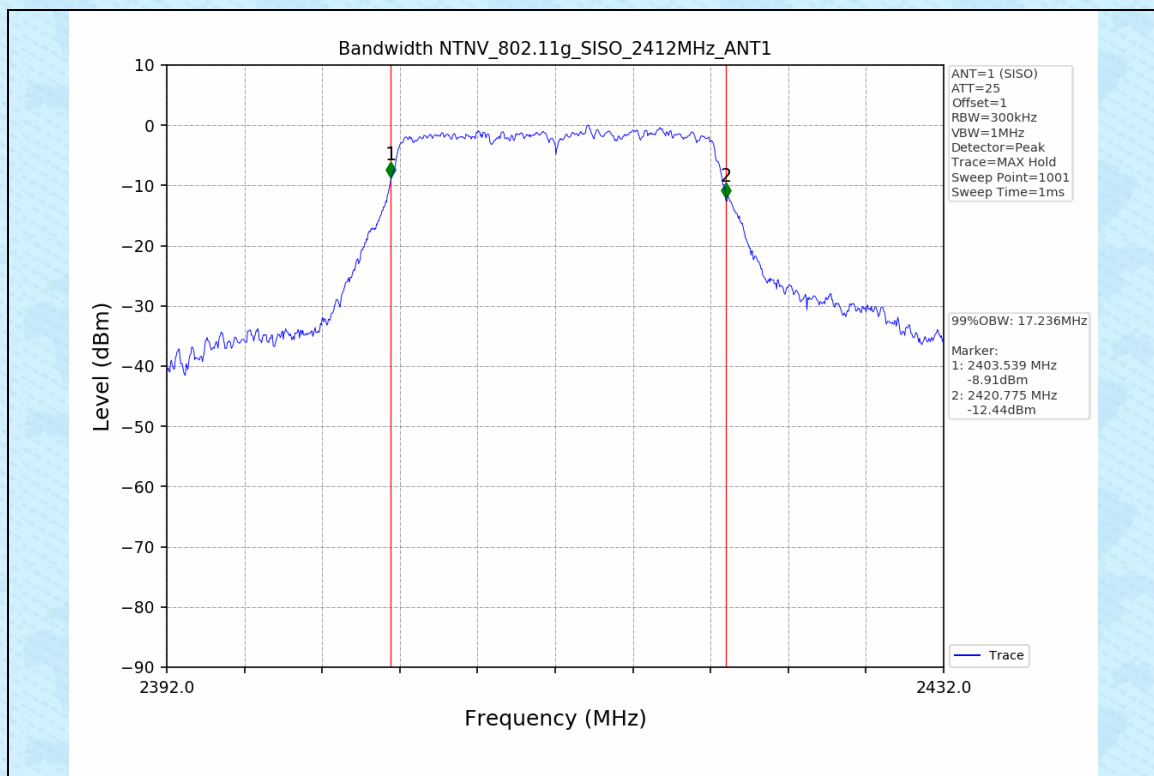
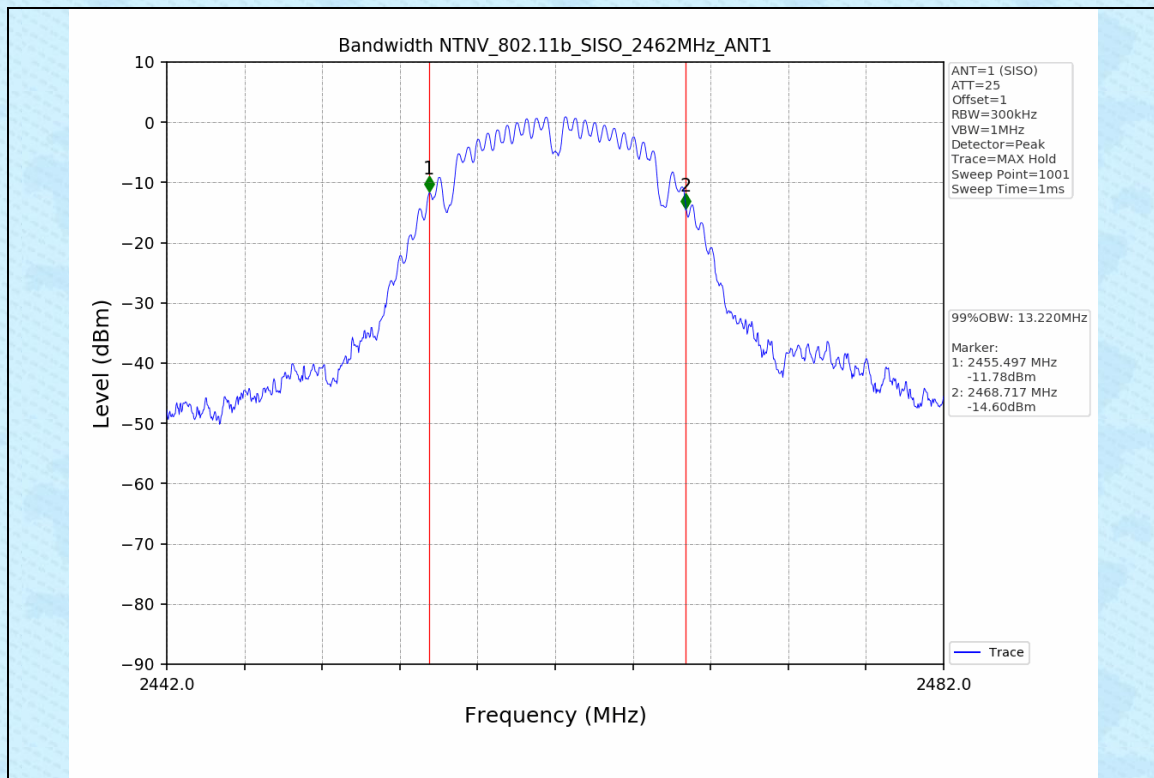


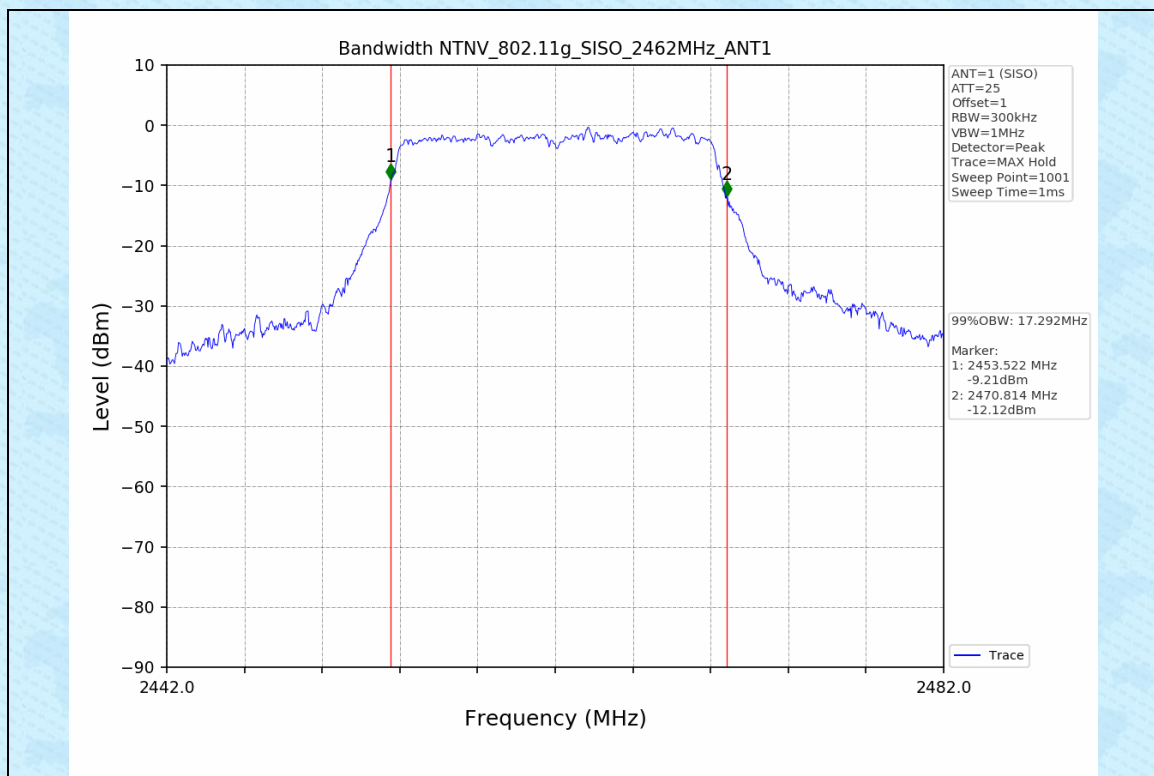
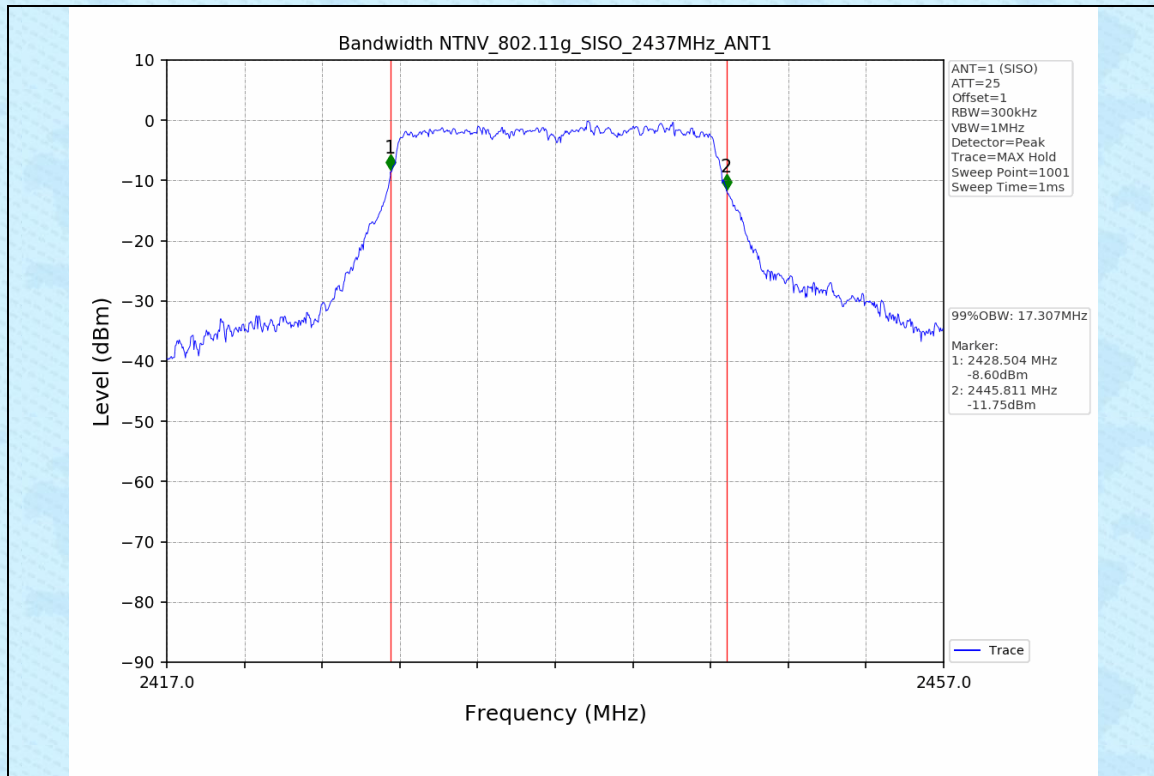


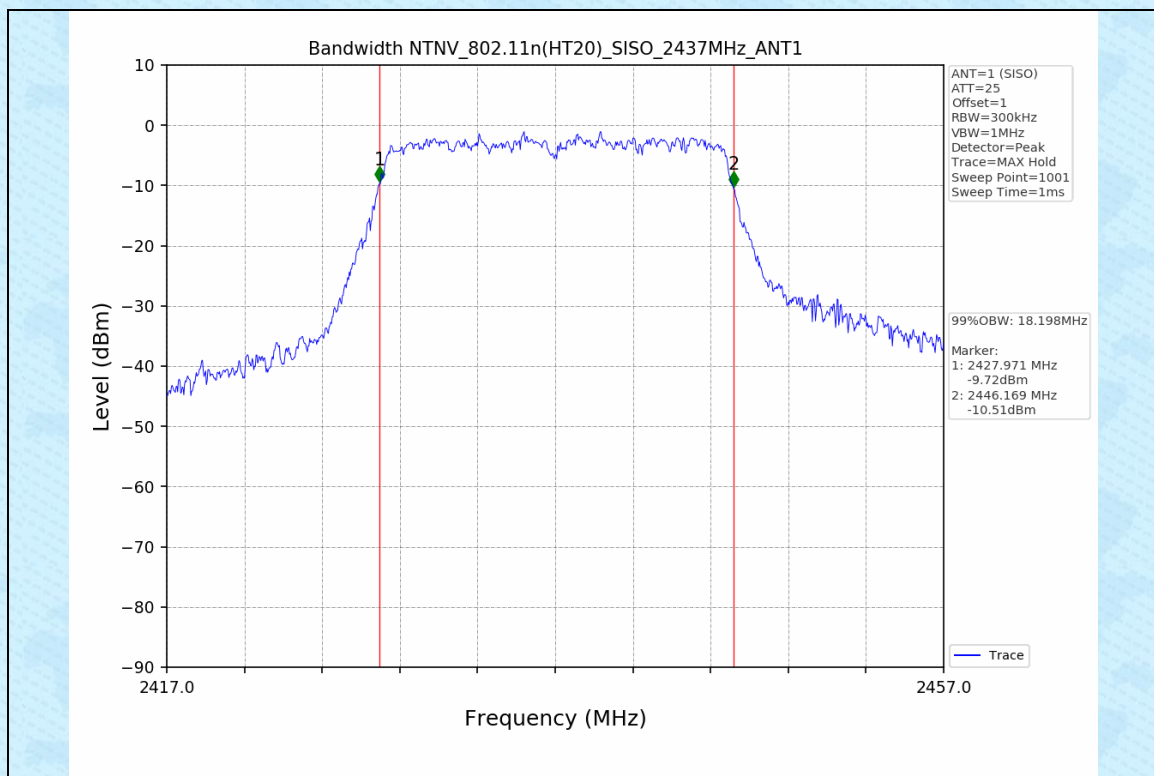
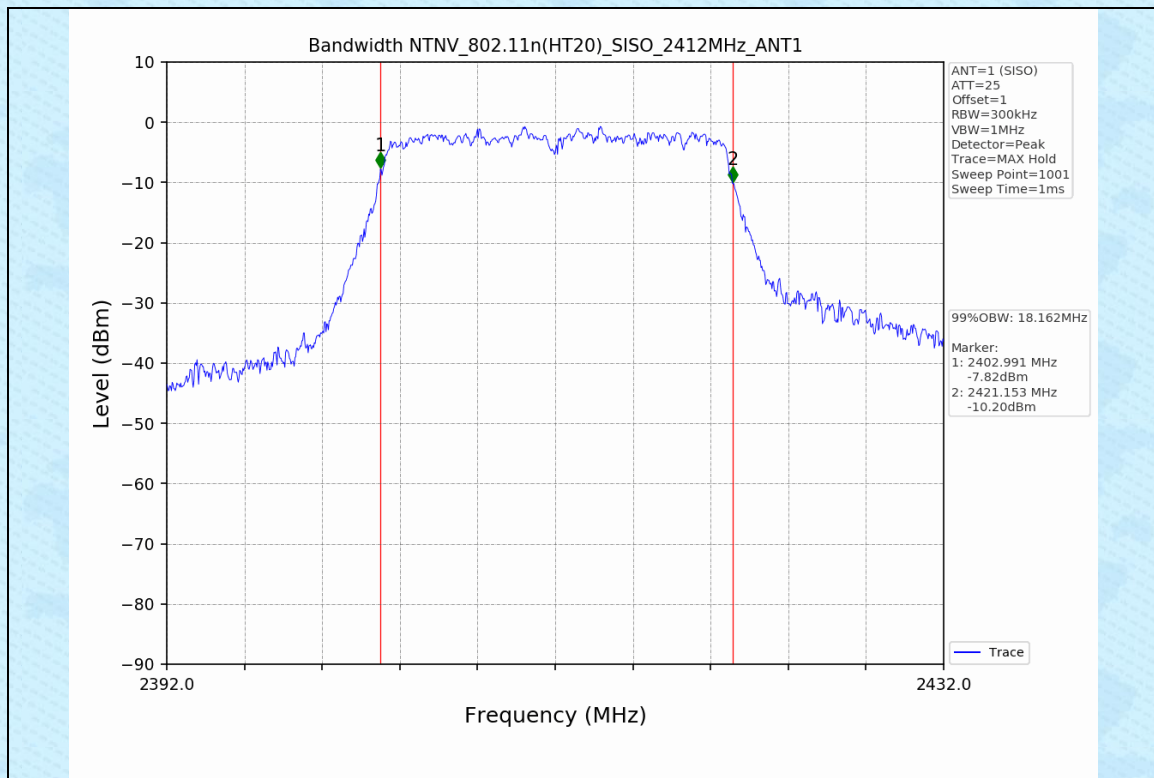


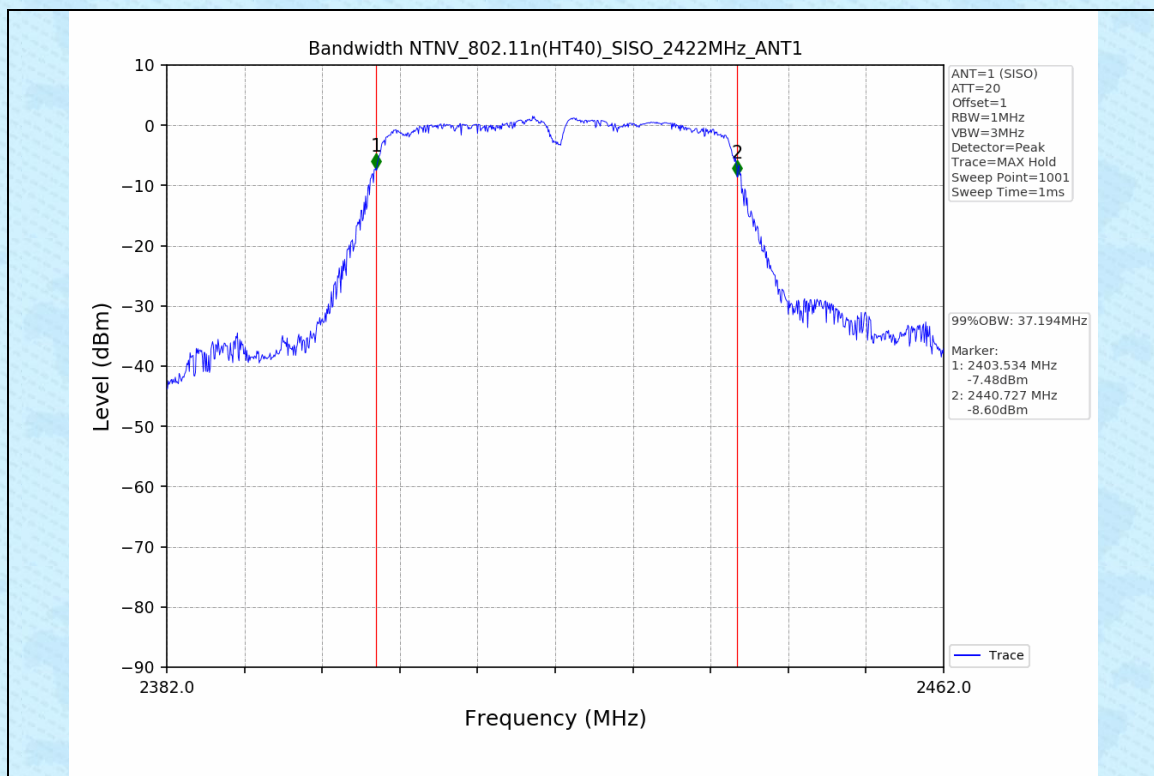
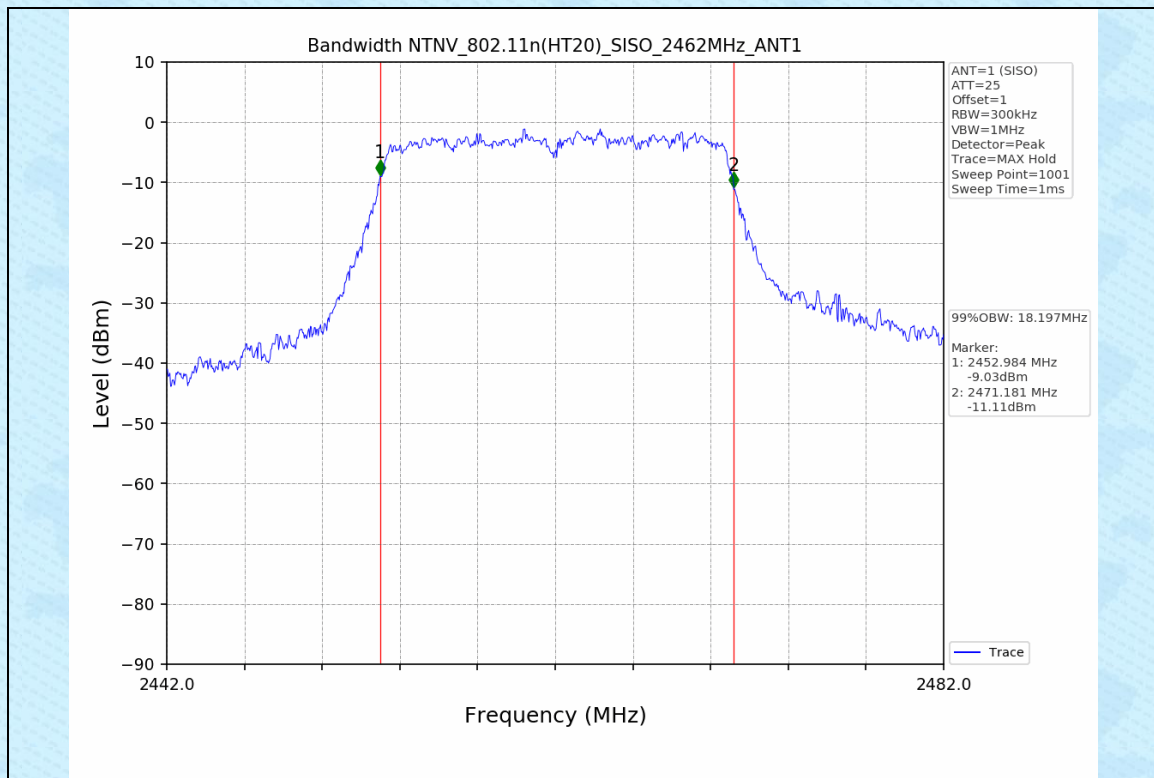
1.3 Test Graph - 99% Occupied Bandwidth

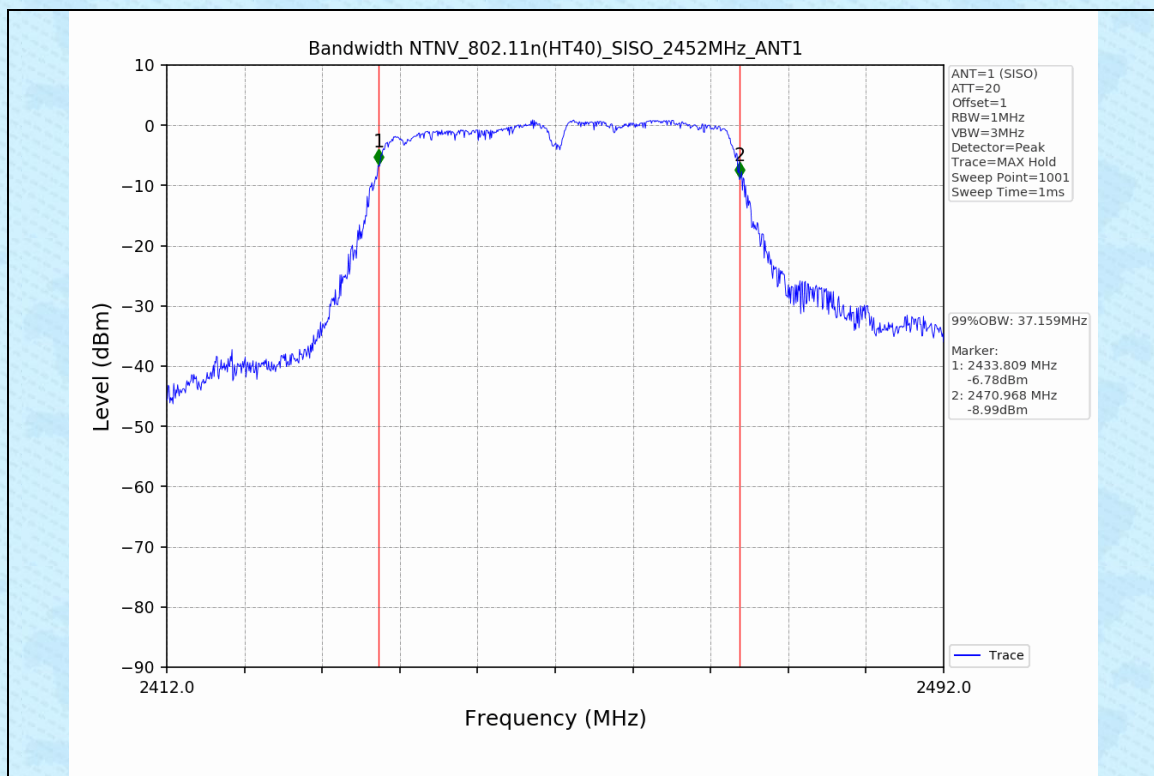
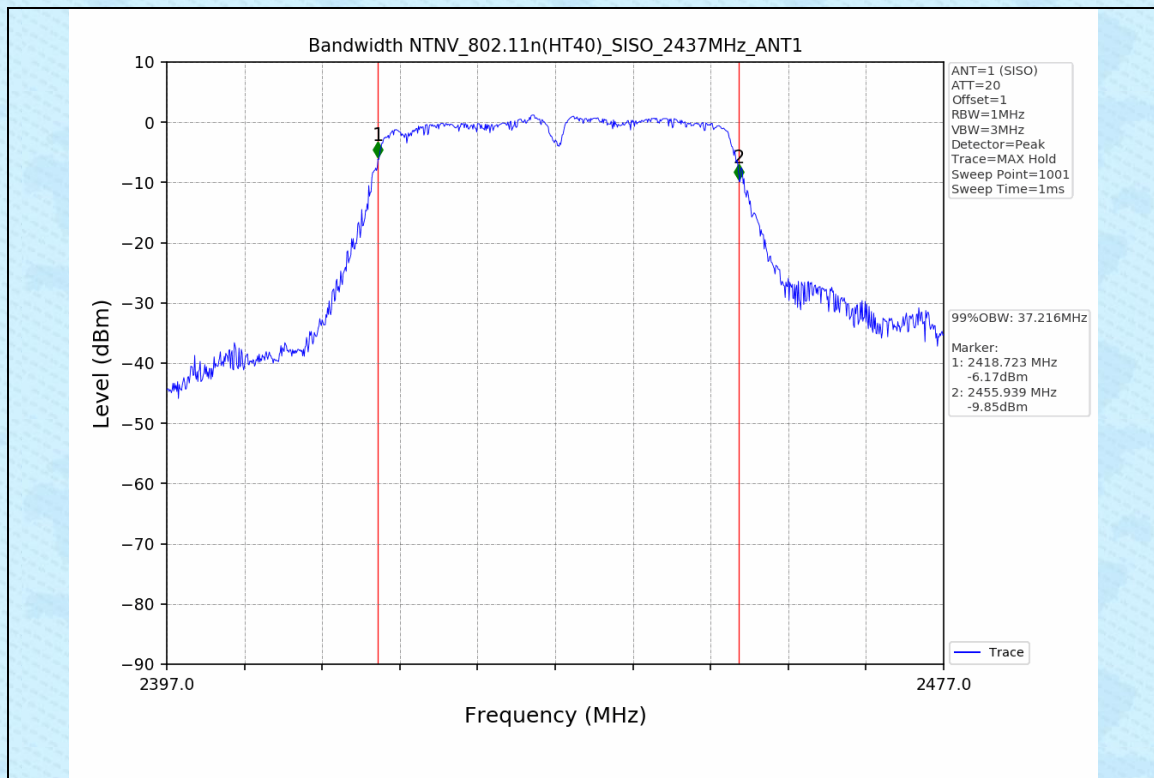










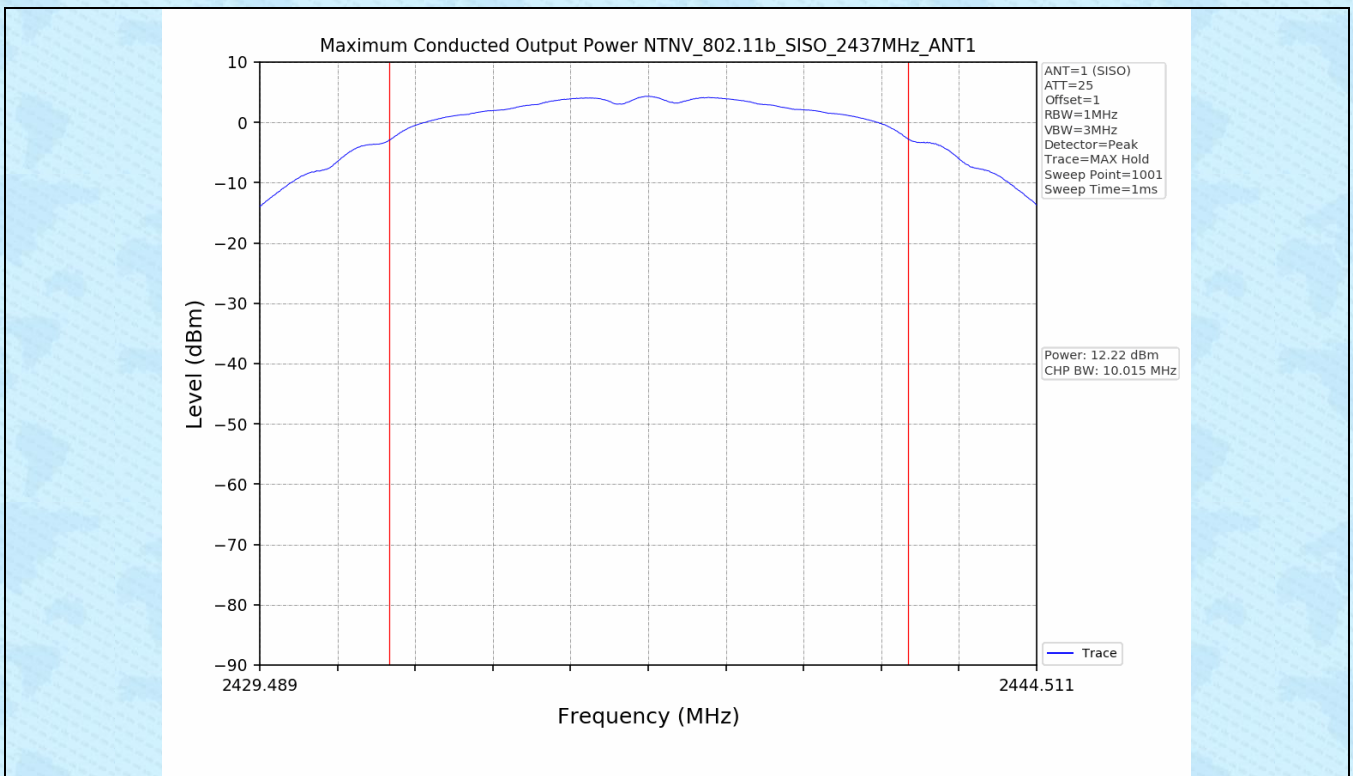
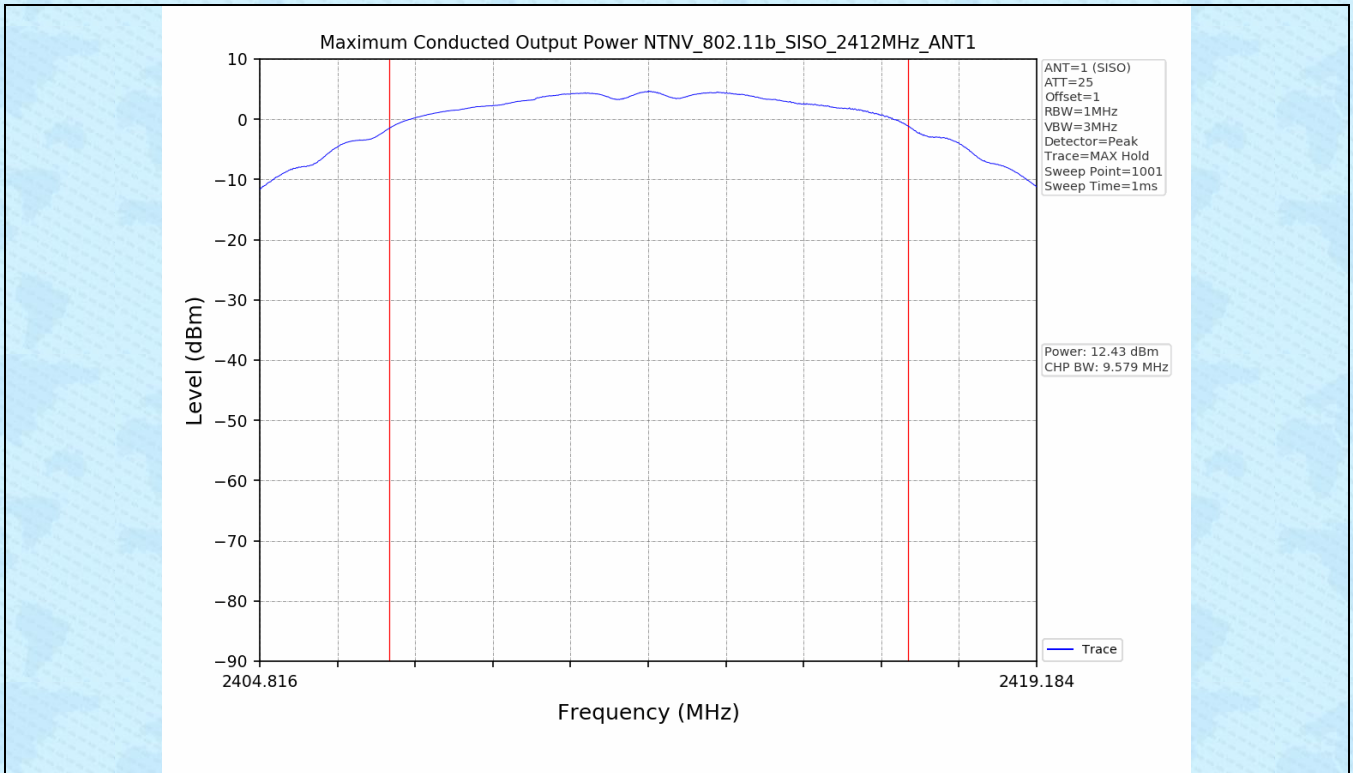


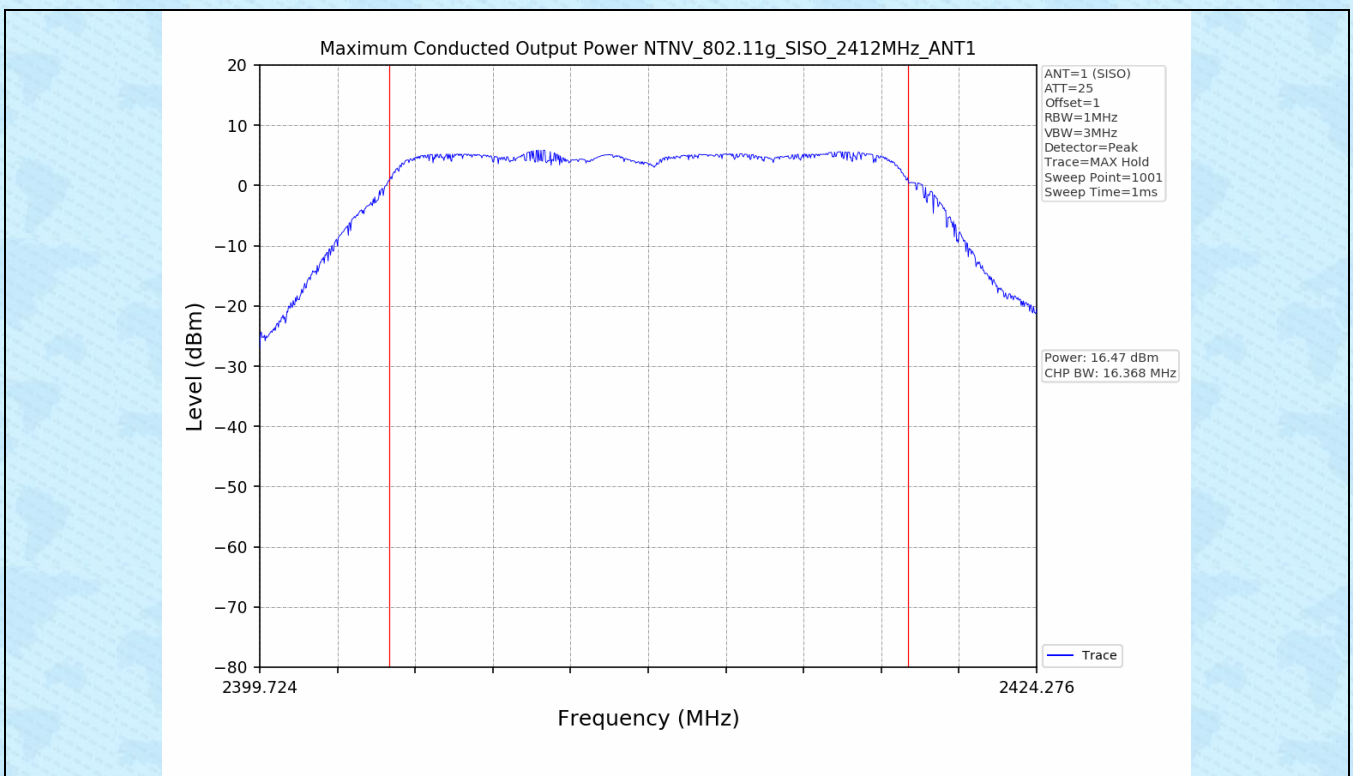
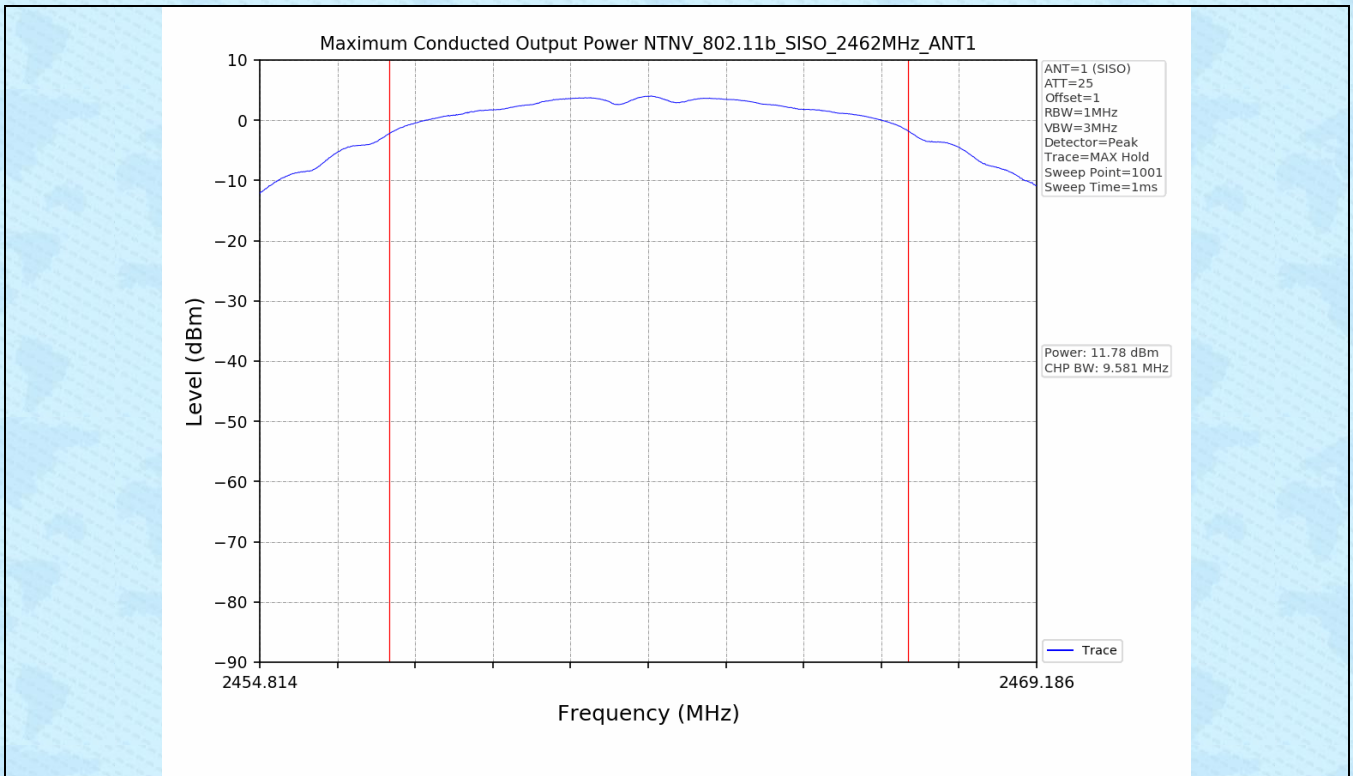
2. Maximum Conducted Output Power

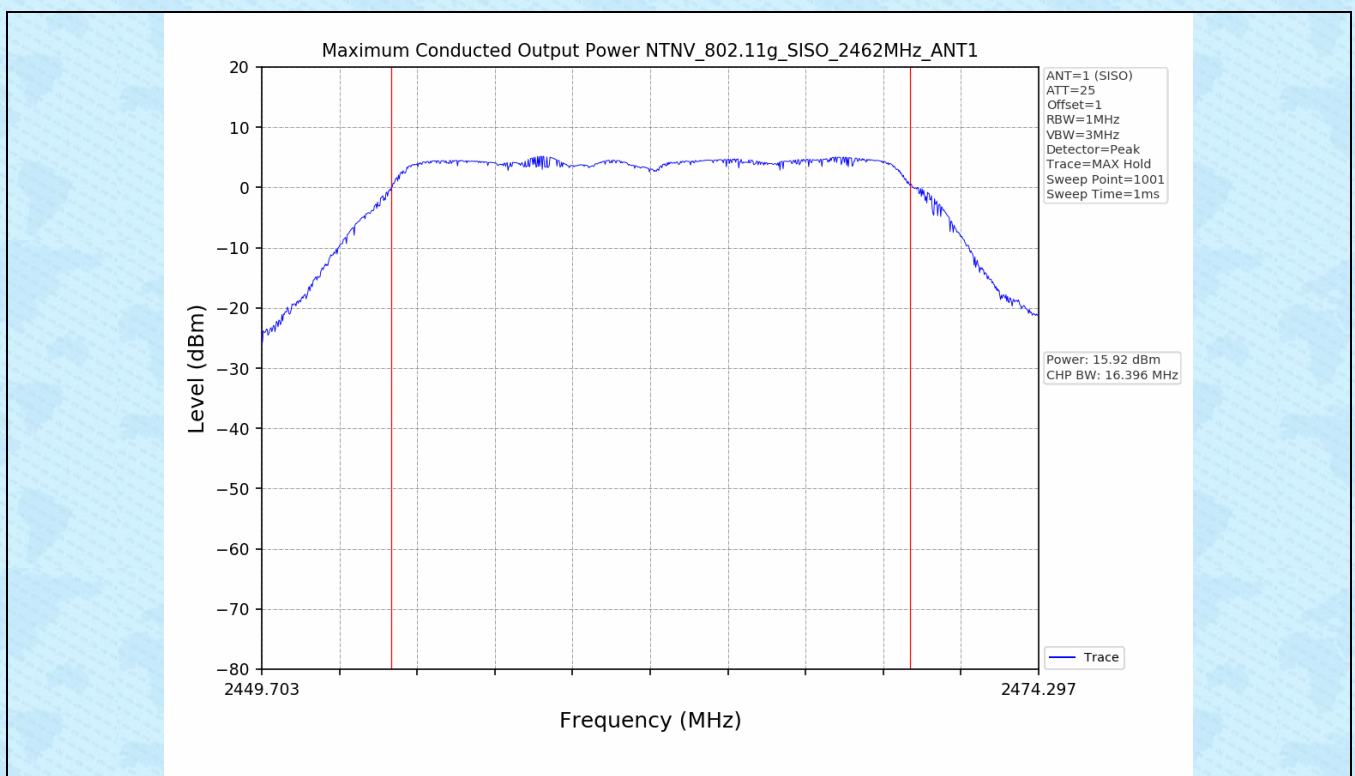
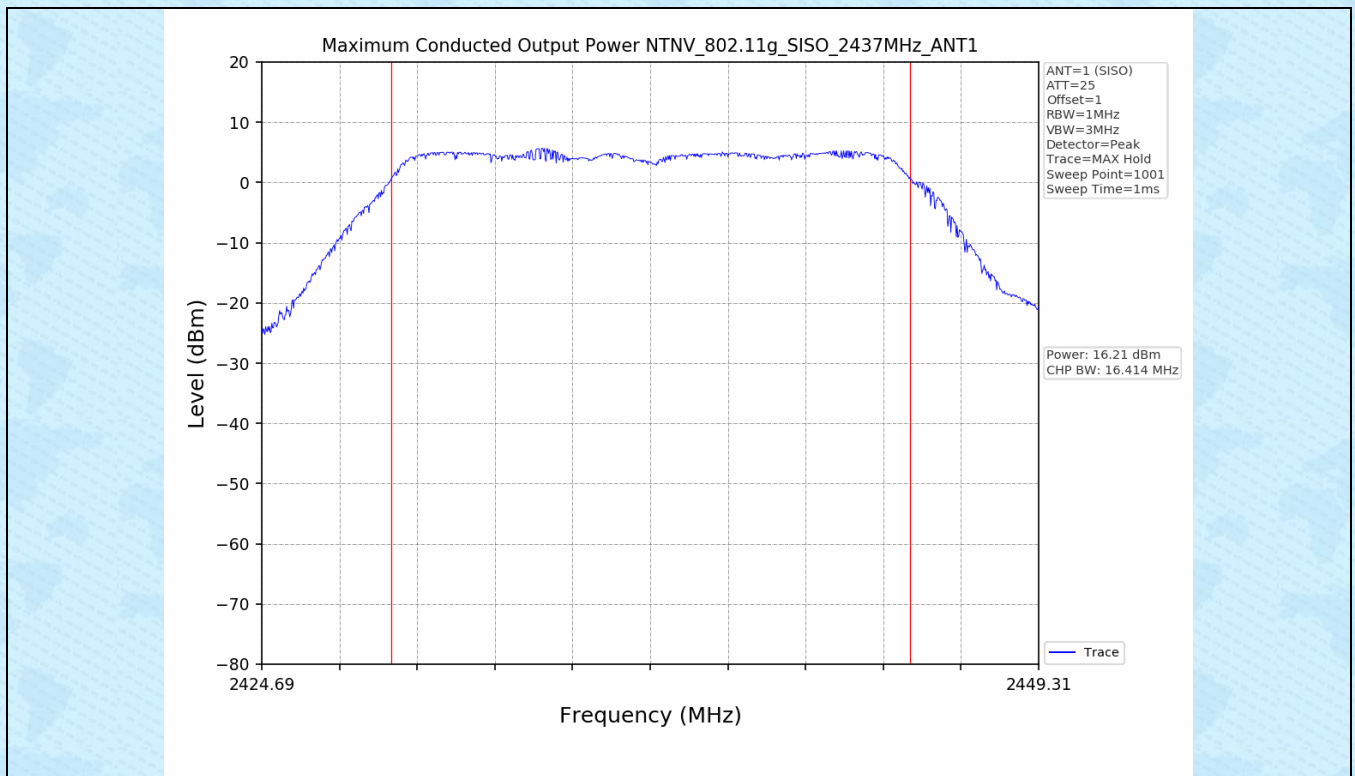
2.1 Test Result

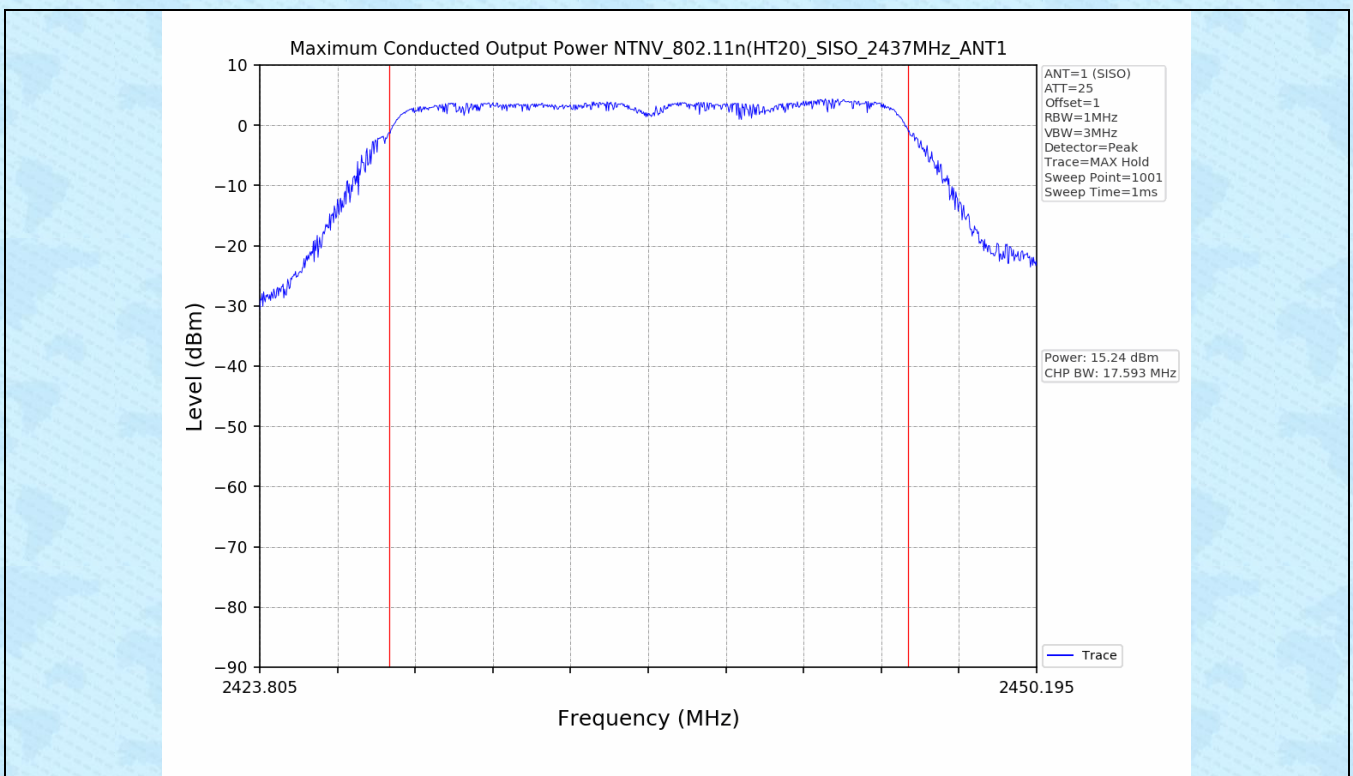
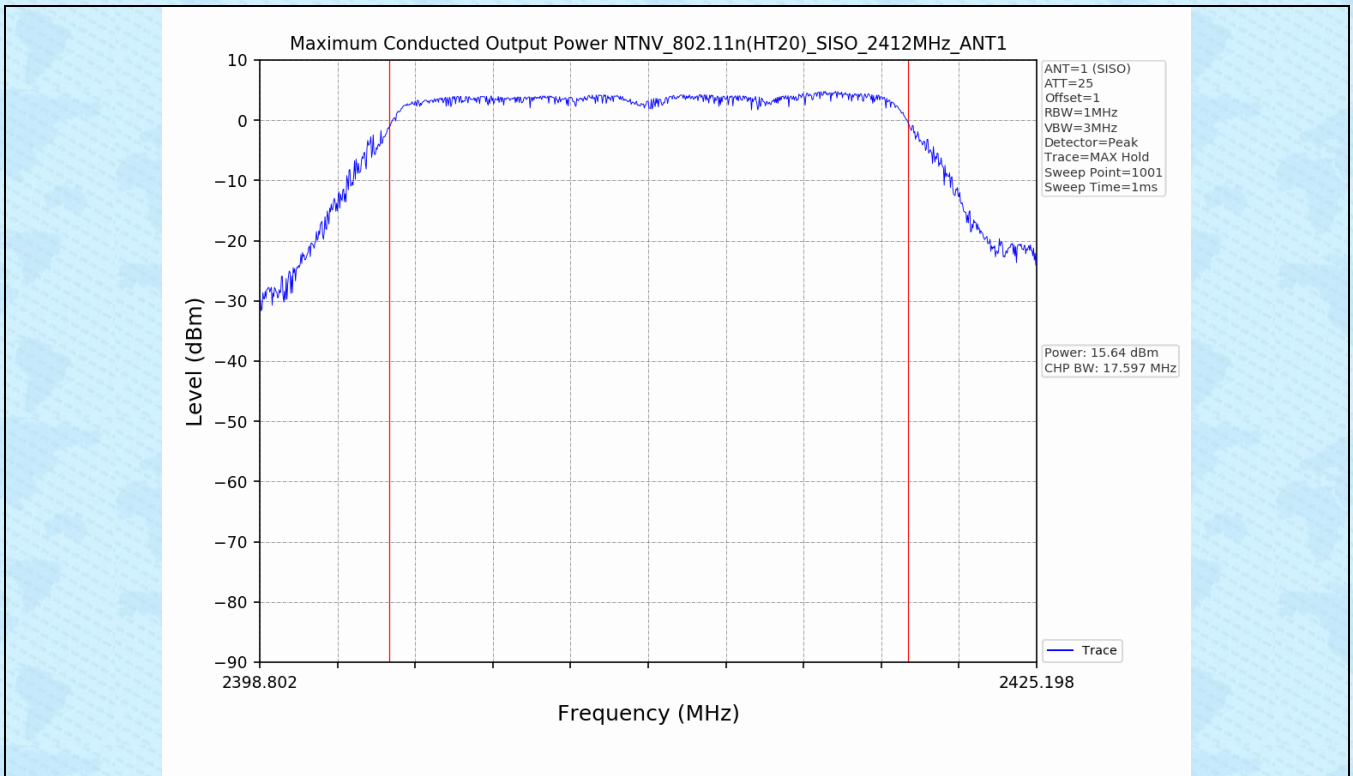
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
802.11b	2412	SISO	12.43	30	PASS
	2437	SISO	12.22	30	PASS
	2462	SISO	11.78	30	PASS
802.11g	2412	SISO	16.47	30	PASS
	2437	SISO	16.21	30	PASS
	2462	SISO	15.92	30	PASS
802.11n(HT20)	2412	SISO	15.64	30	PASS
	2437	SISO	15.24	30	PASS
	2462	SISO	15.15	30	PASS
802.11n(HT40)	2422	SISO	14.67	30	PASS
	2437	SISO	14.55	30	PASS
	2452	SISO	14.37	30	PASS

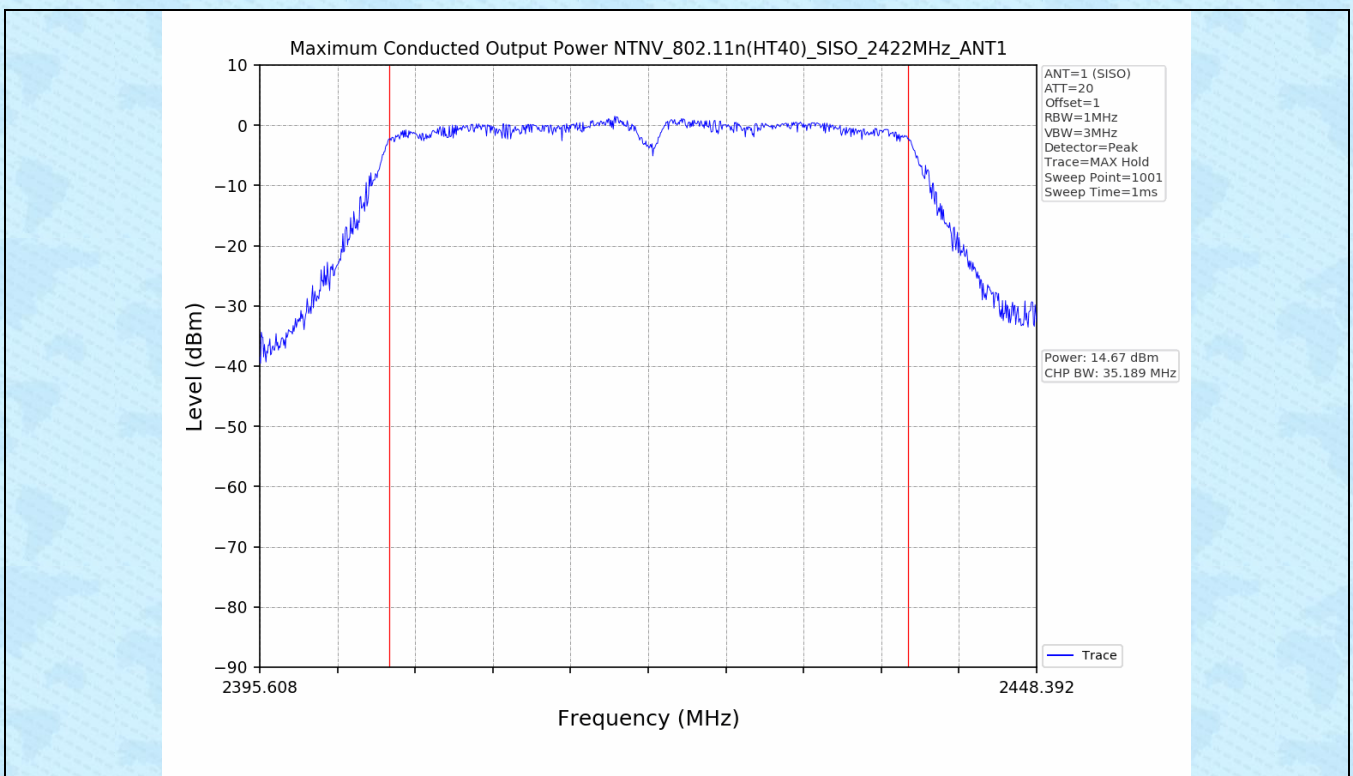
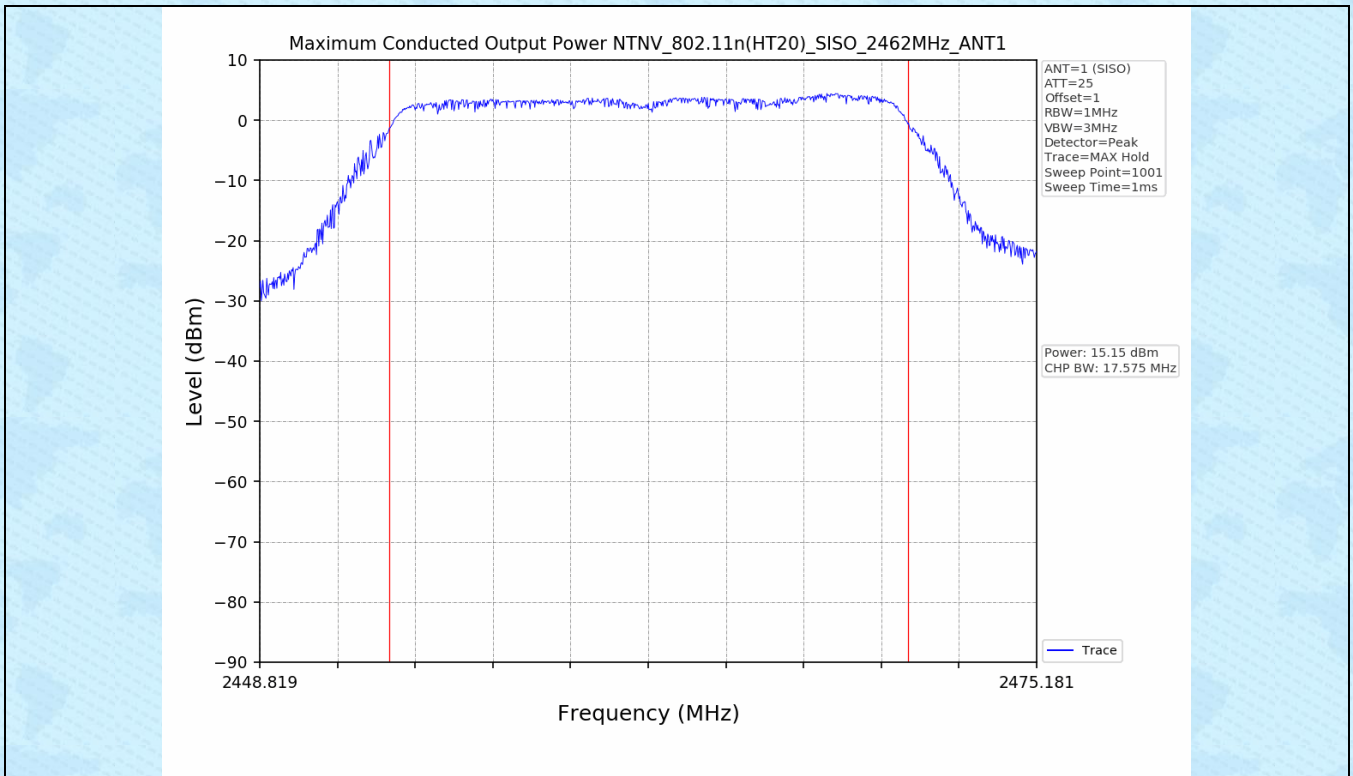
2.2 Test Graph

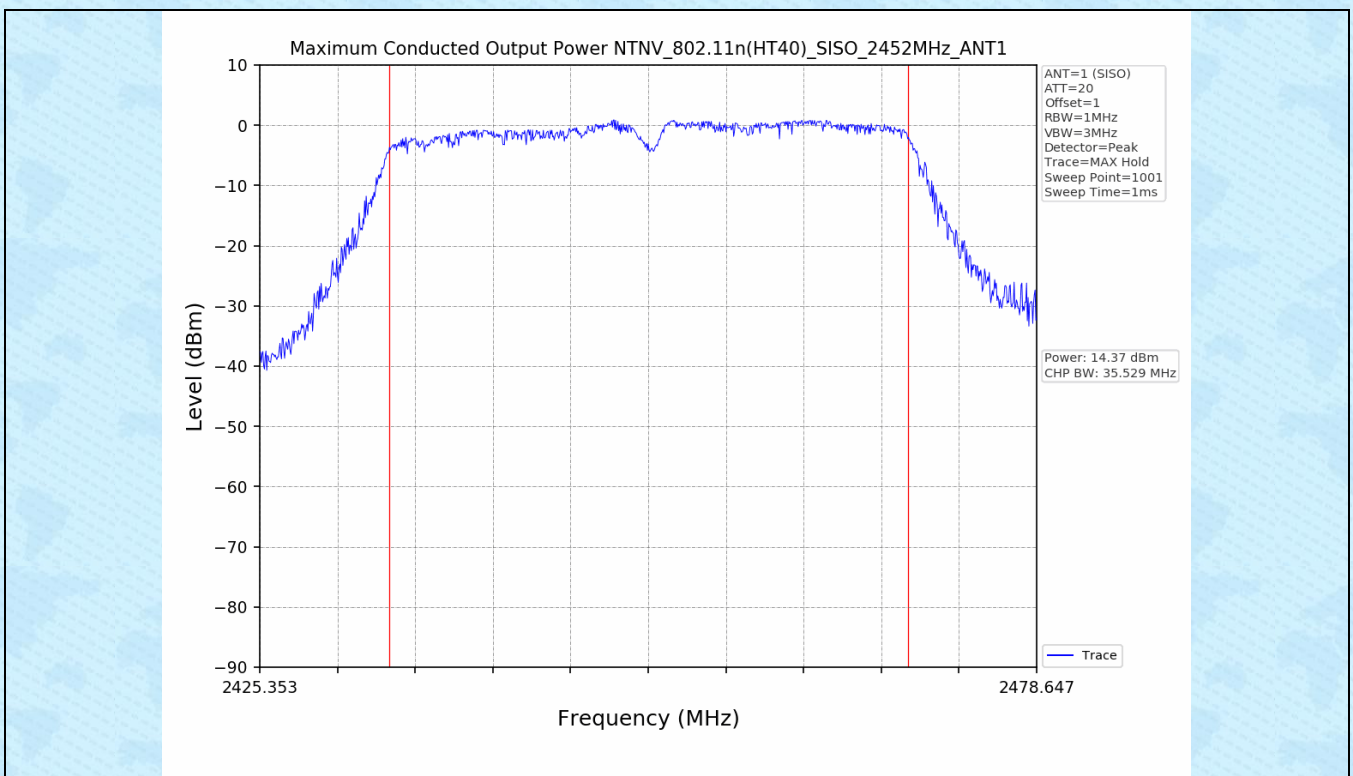
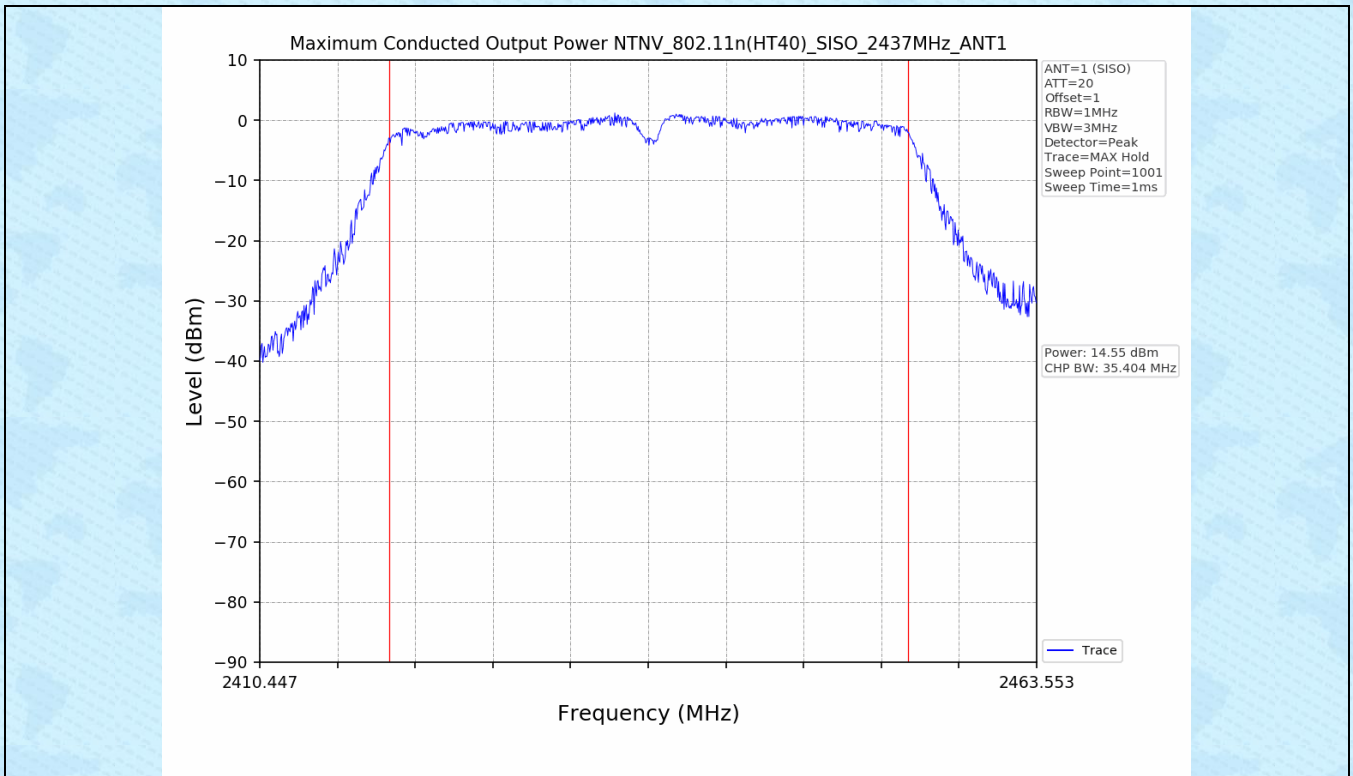










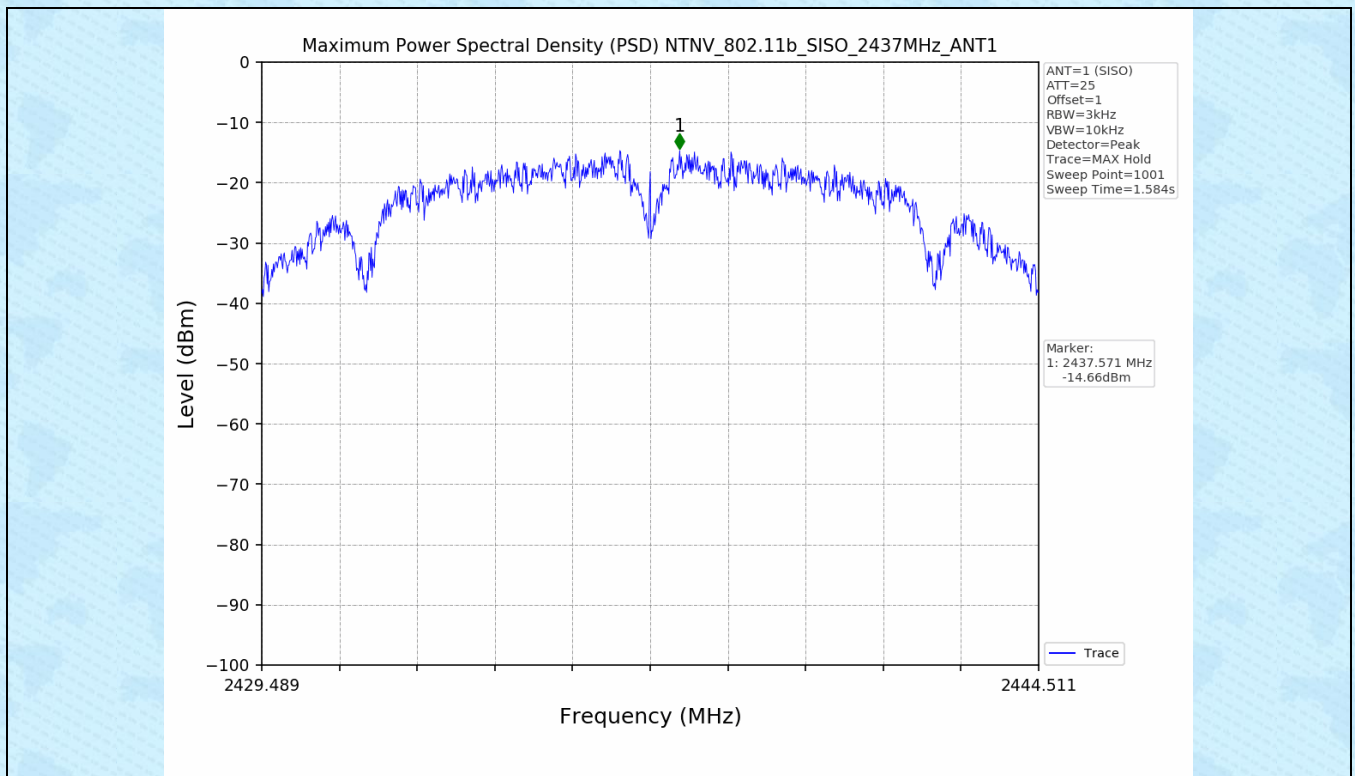
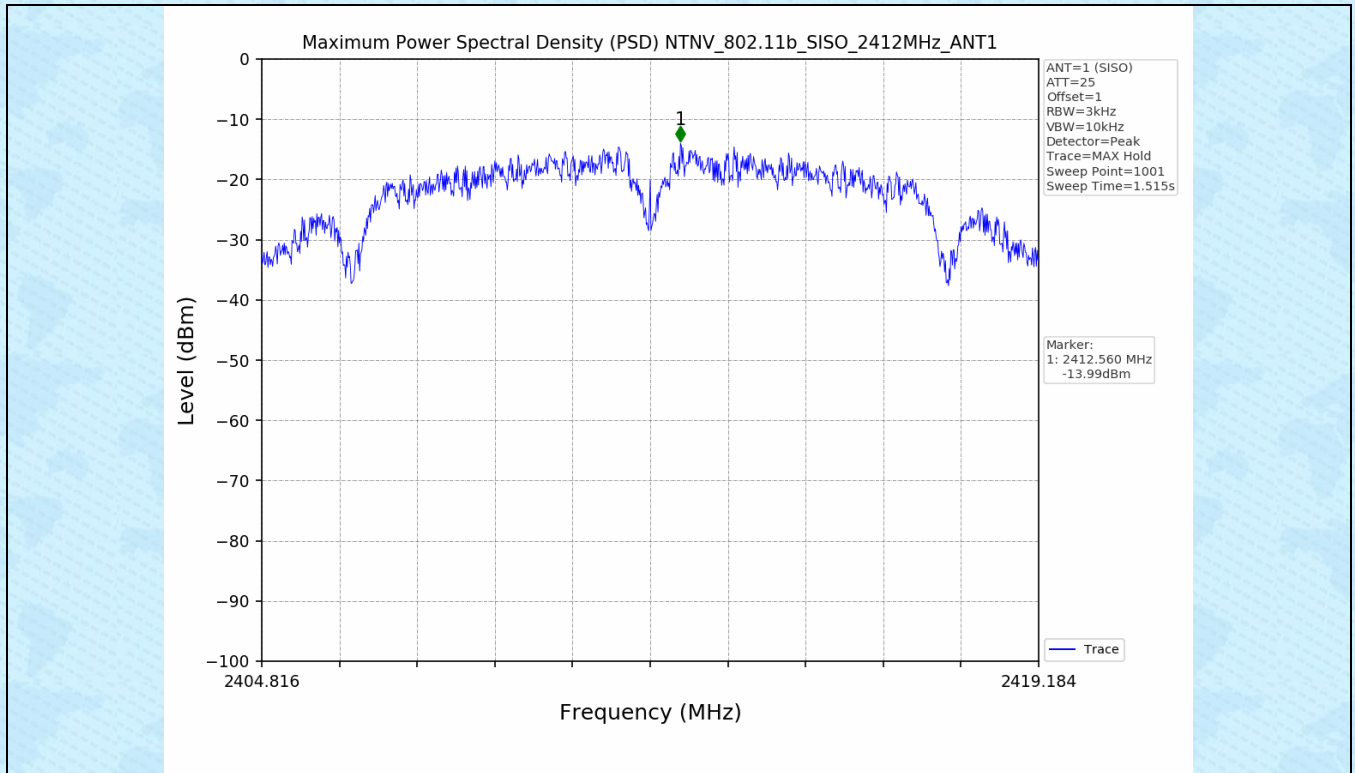


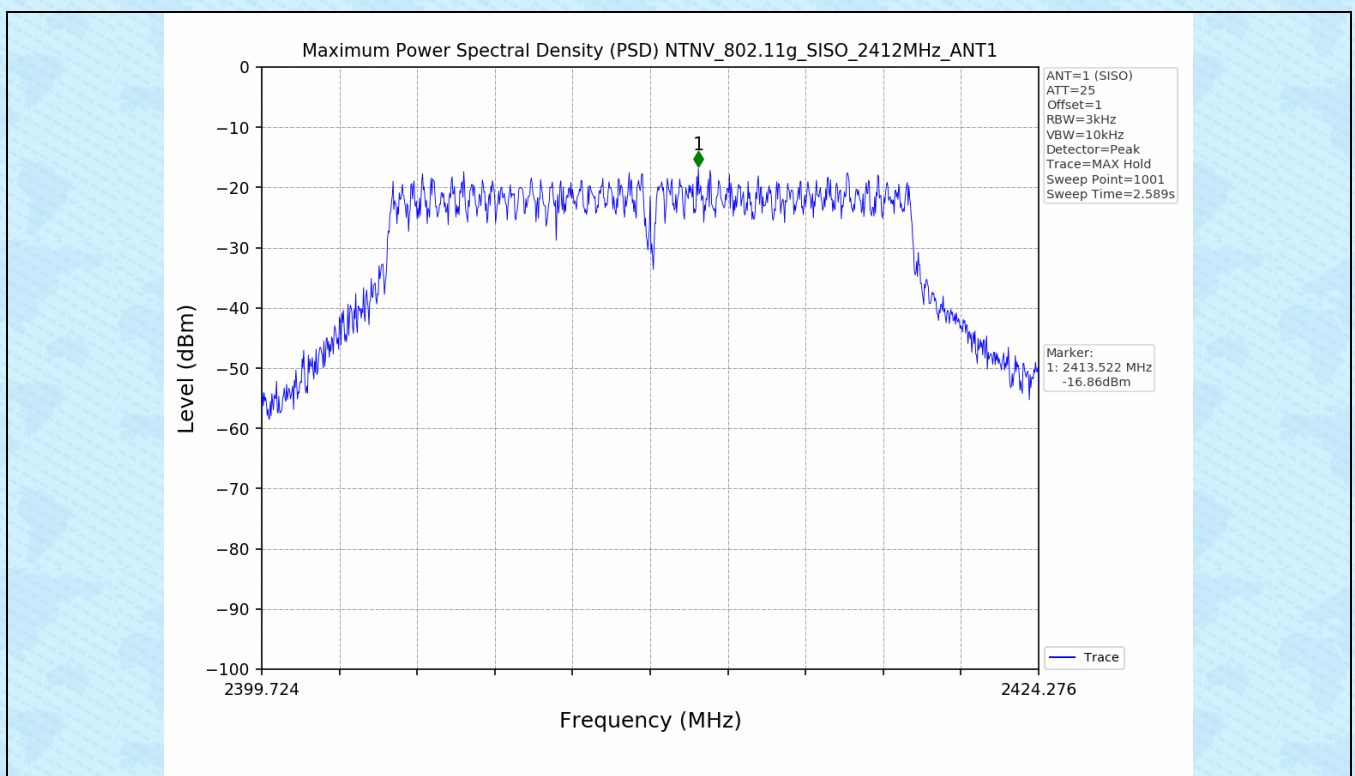
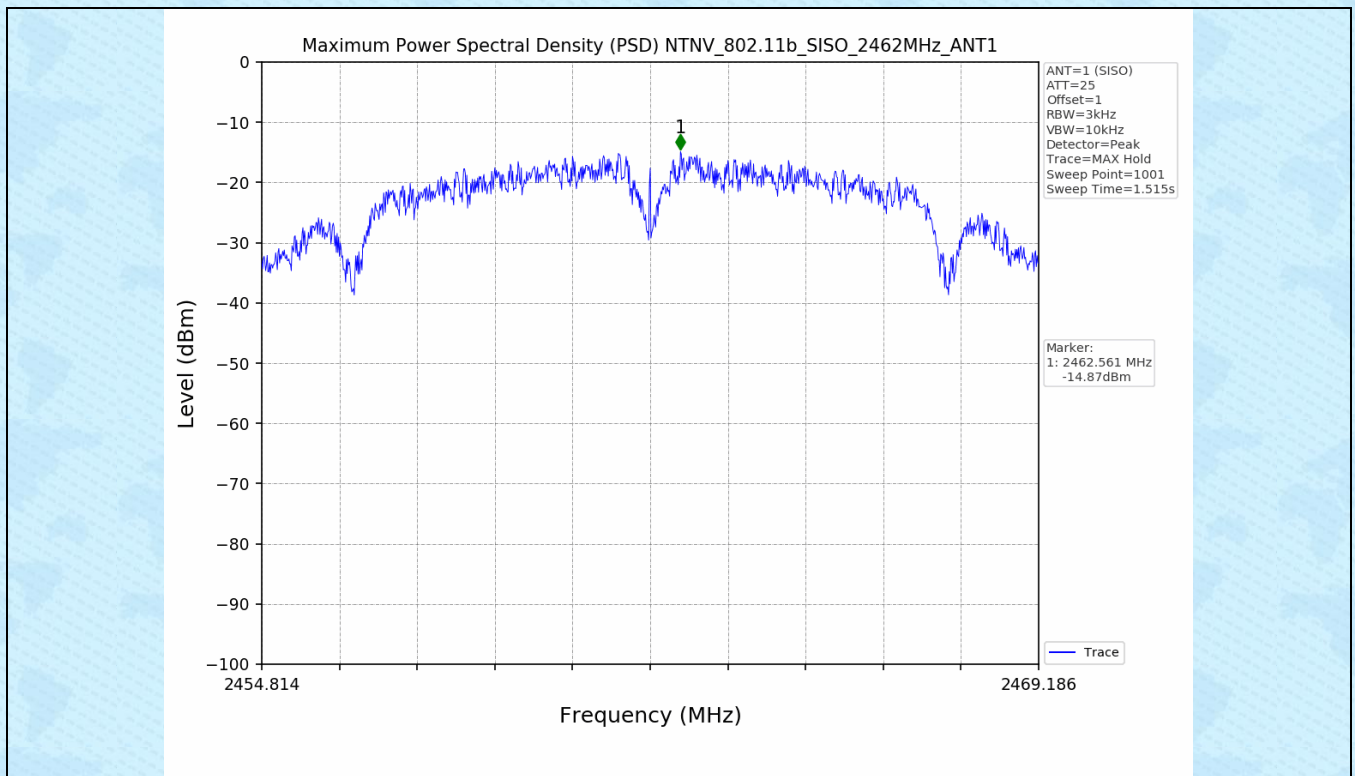
3. Maximum Power Spectral Density (PSD)

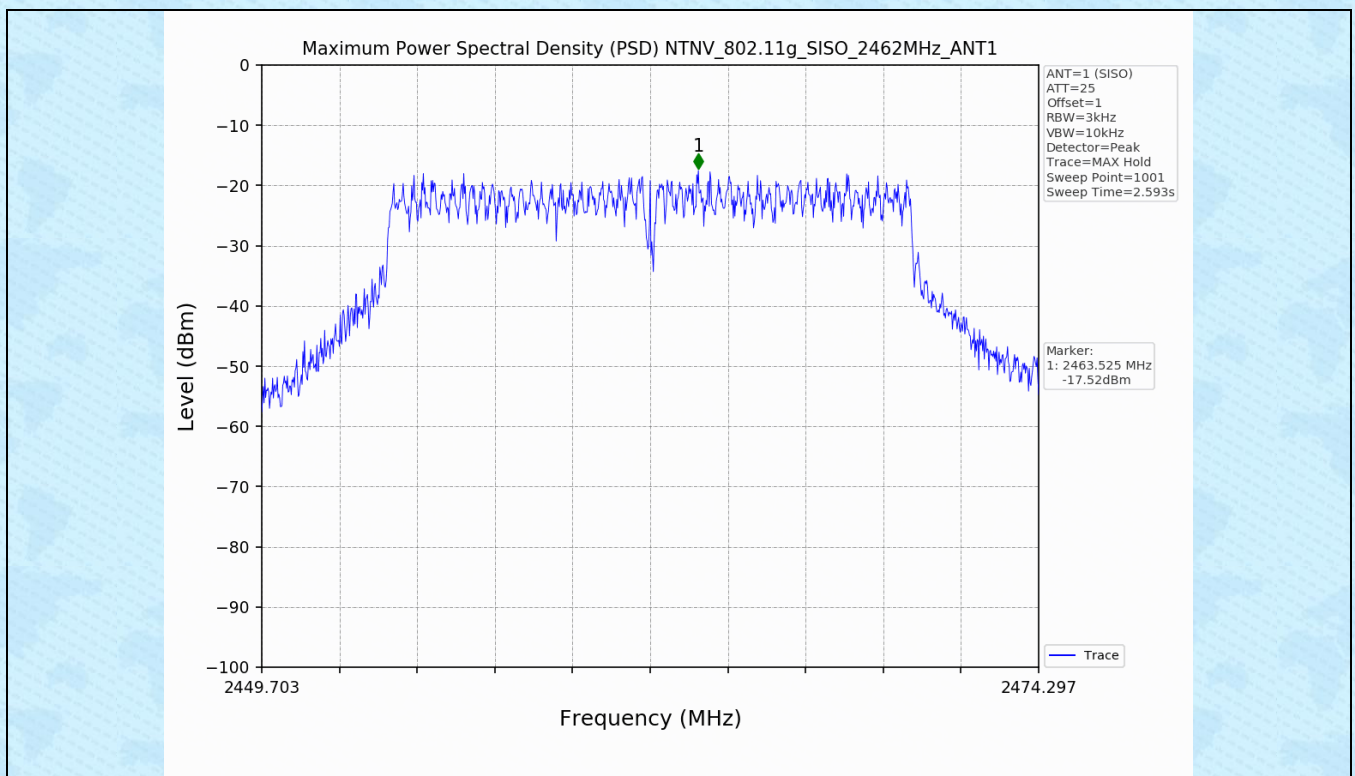
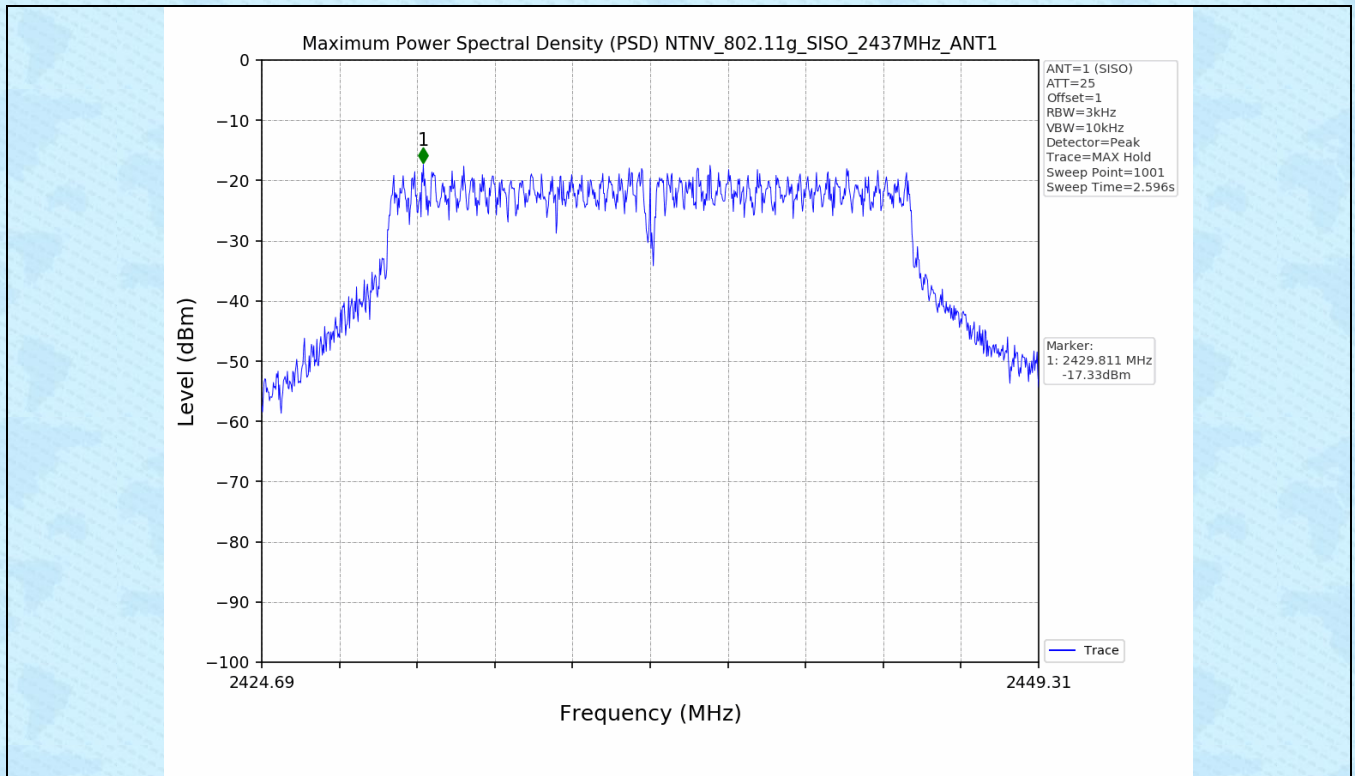
3.1 Test Result

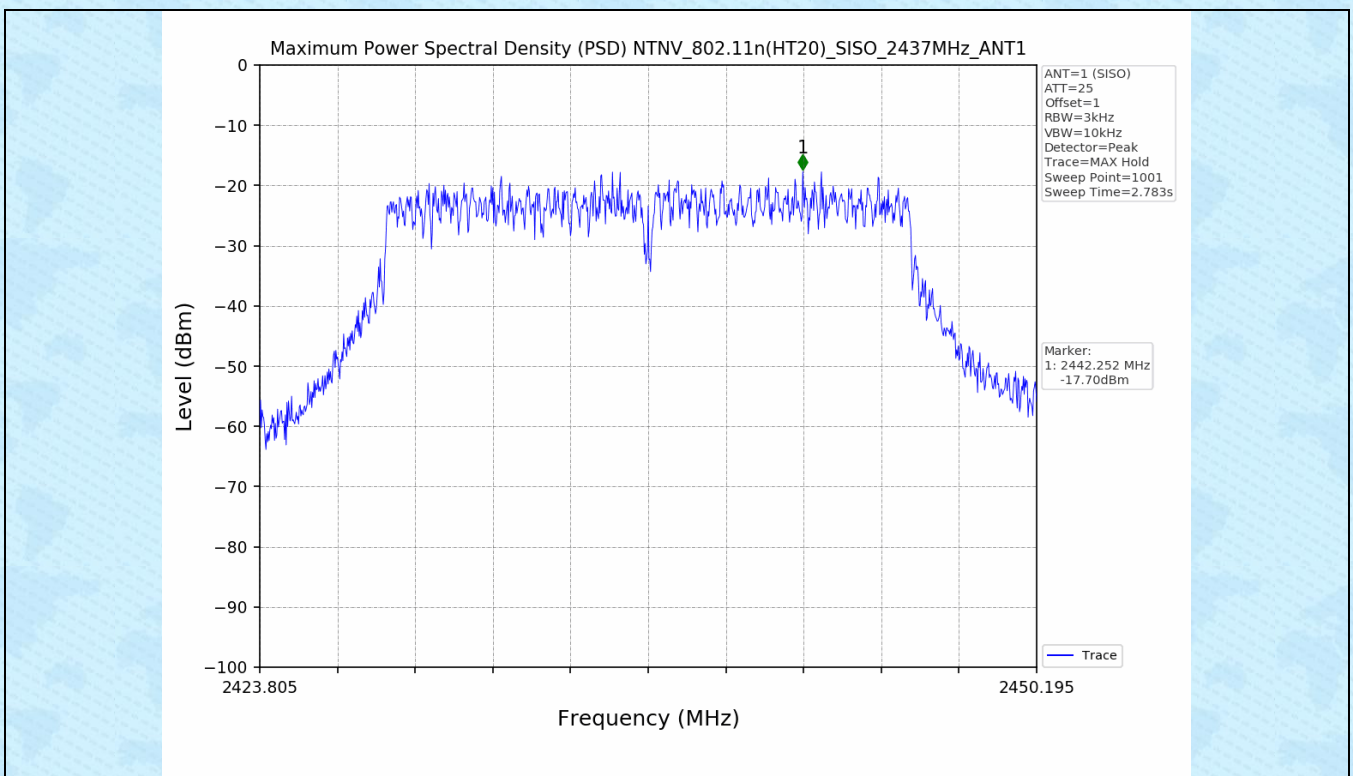
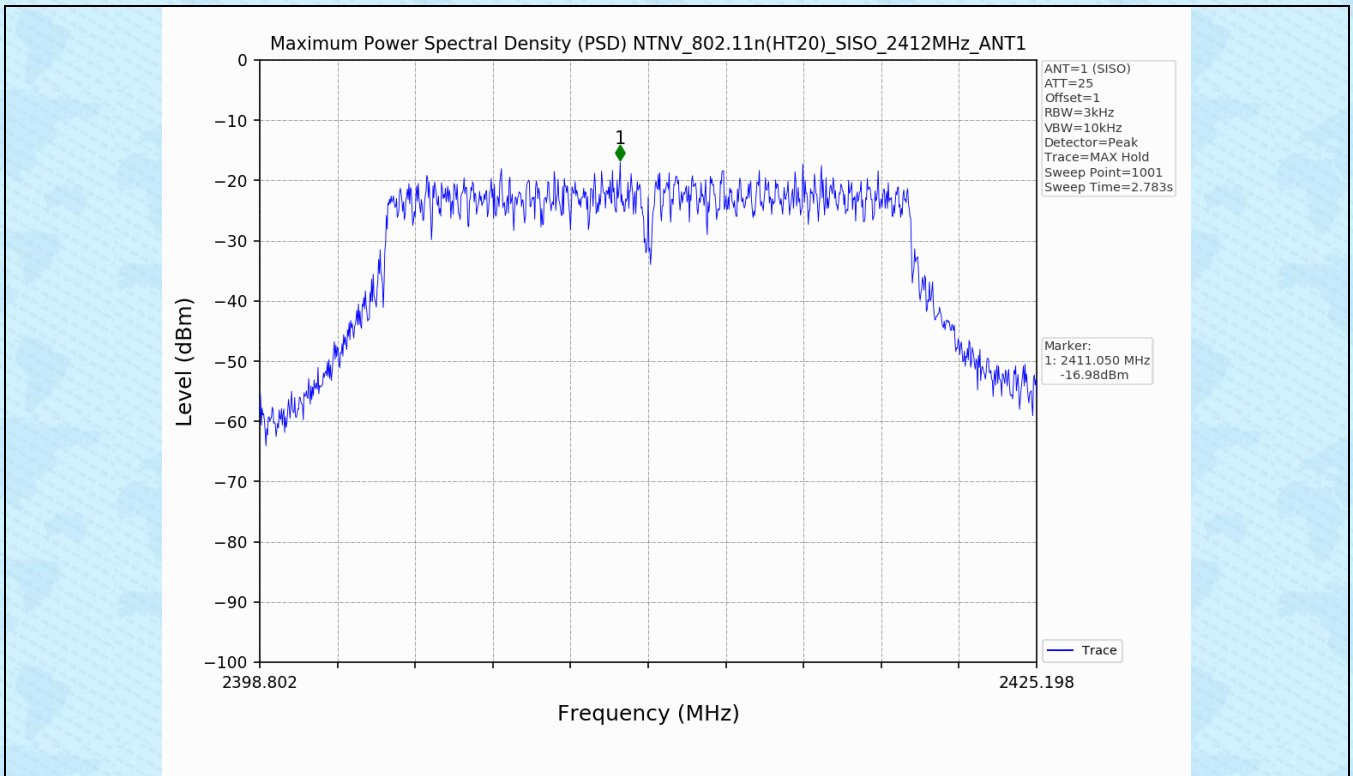
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
802.11b	2412	SISO	-13.99	≤8	PASS
	2437	SISO	-14.66	≤8	PASS
	2462	SISO	-14.87	≤8	PASS
802.11g	2412	SISO	-16.86	≤8	PASS
	2437	SISO	-17.33	≤8	PASS
	2462	SISO	-17.52	≤8	PASS
802.11n(HT20)	2412	SISO	-16.98	≤8	PASS
	2437	SISO	-17.70	≤8	PASS
	2462	SISO	-17.69	≤8	PASS
802.11n(HT40)	2422	SISO	-19.60	≤8	PASS
	2437	SISO	-20.63	≤8	PASS
	2452	SISO	-19.92	≤8	PASS

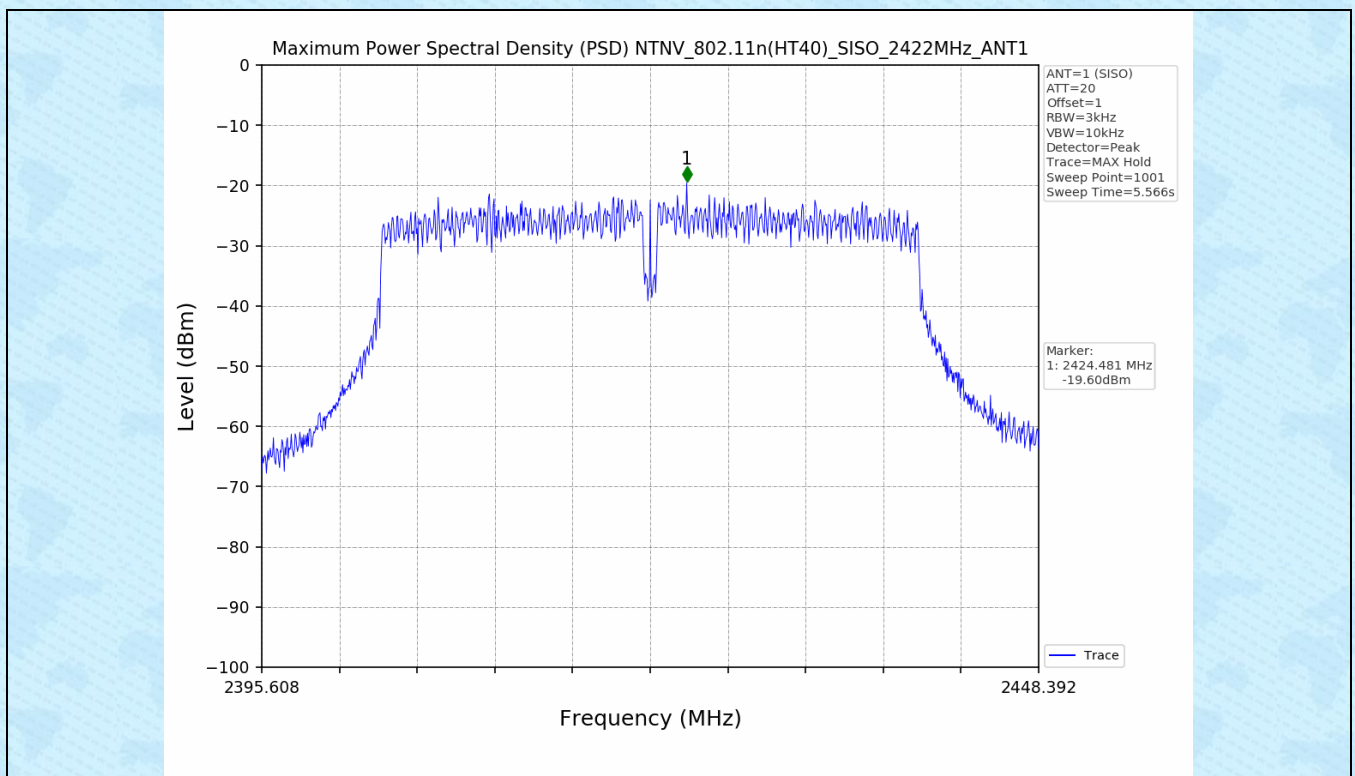
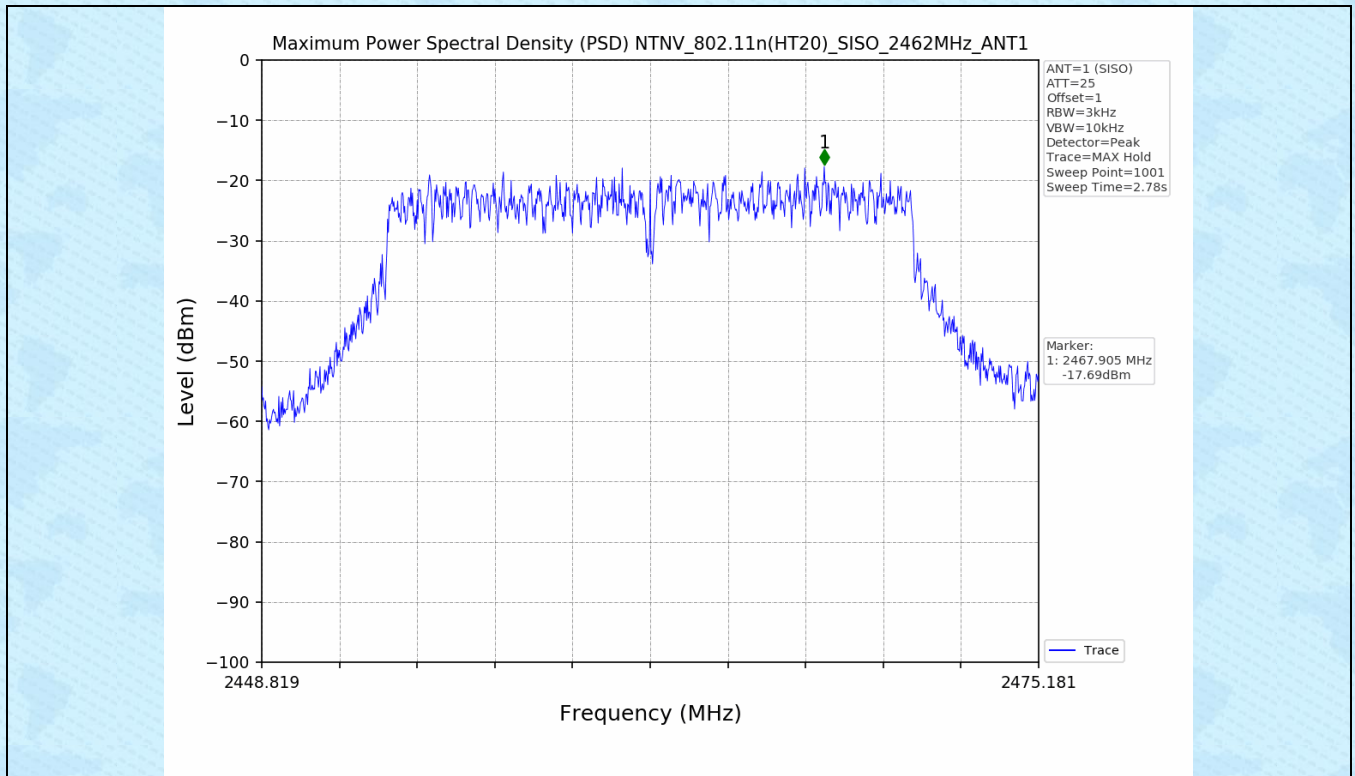
3.2 Test Graph

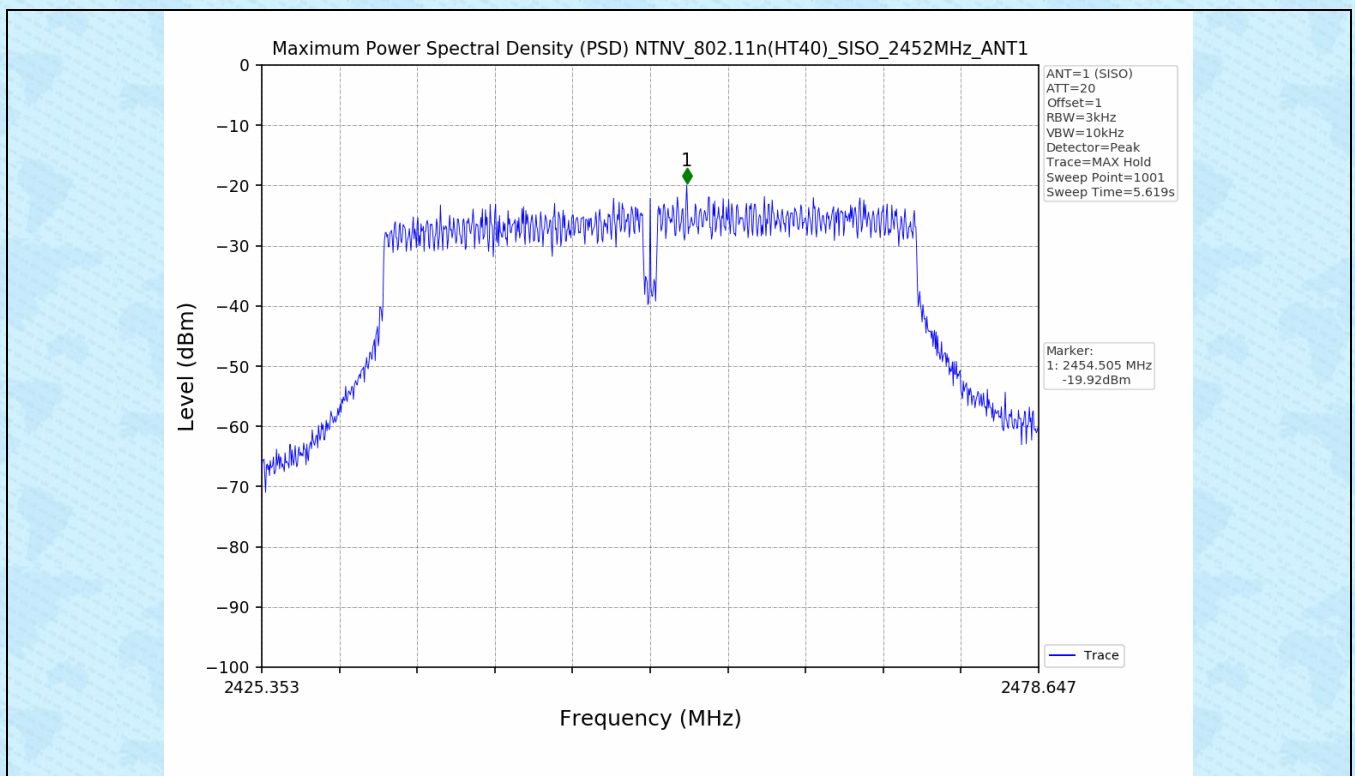
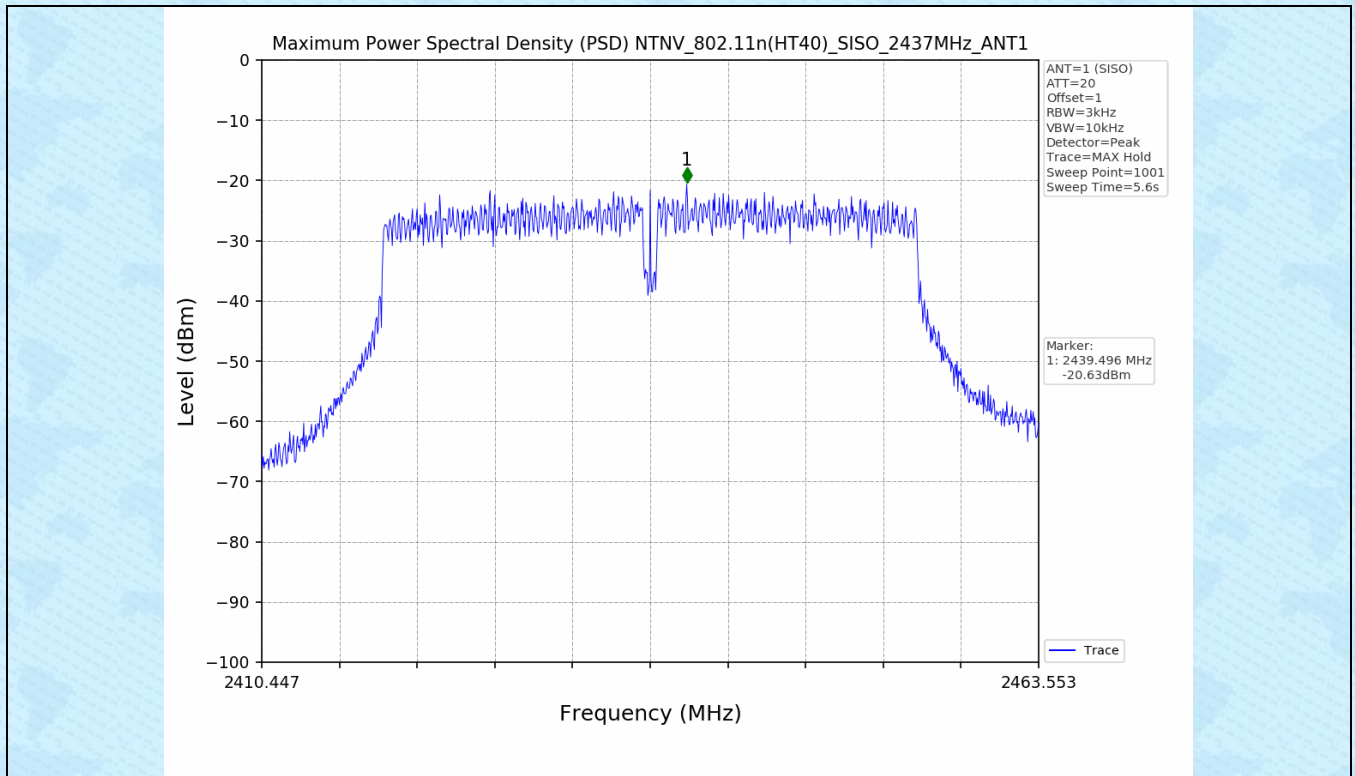










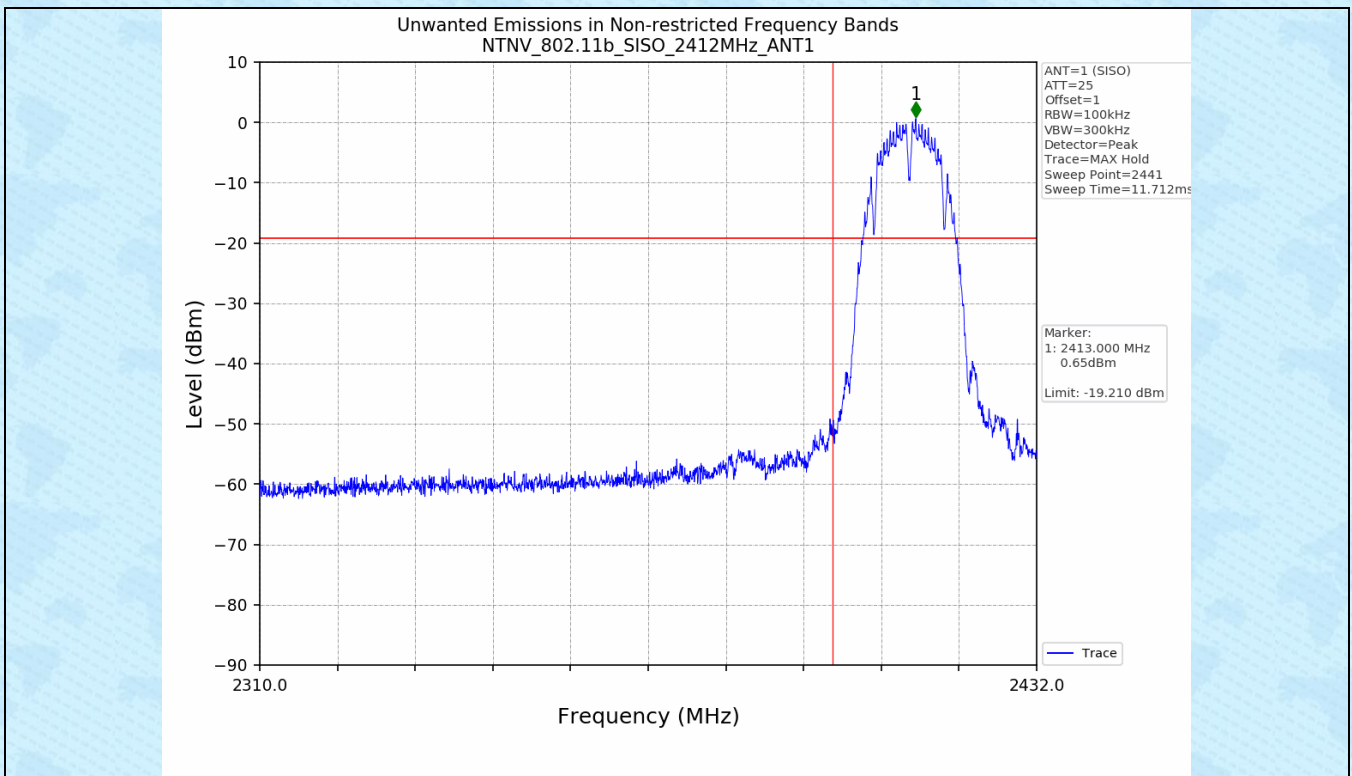
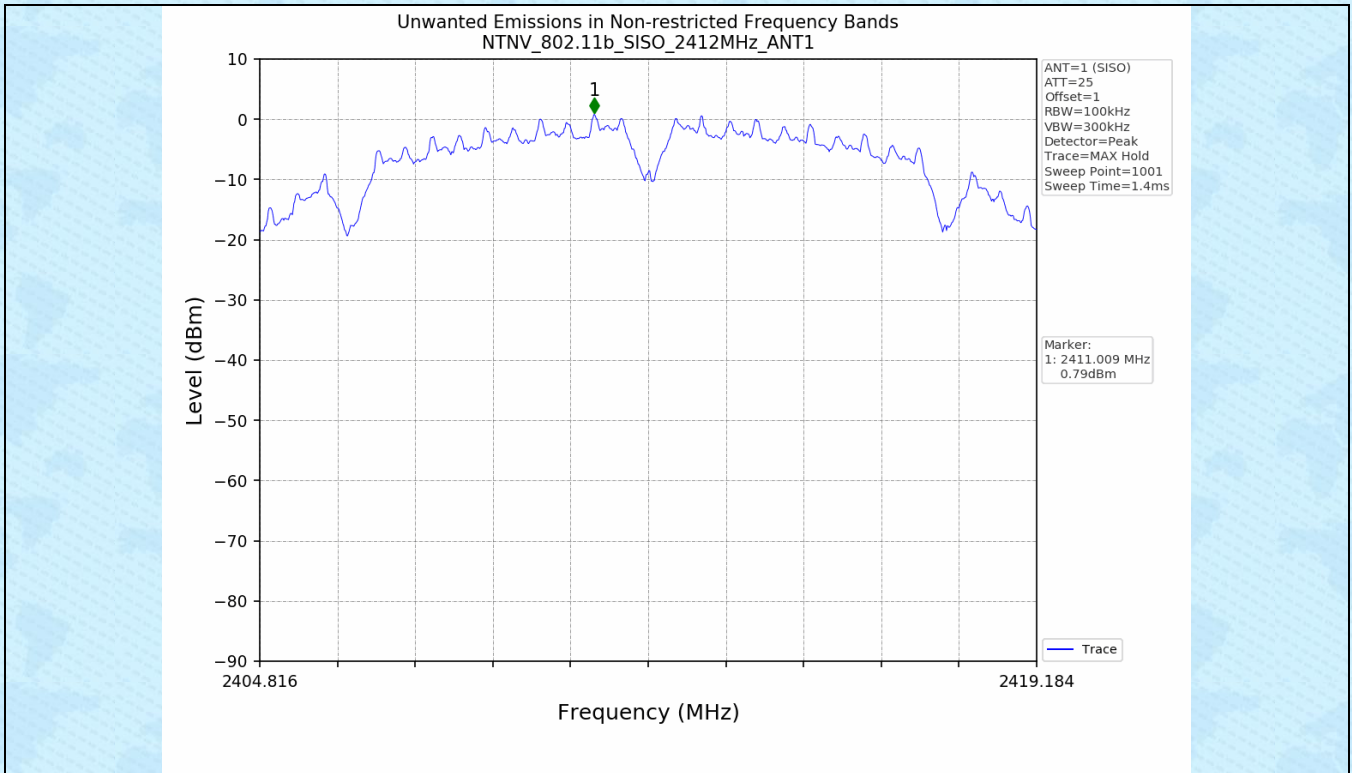


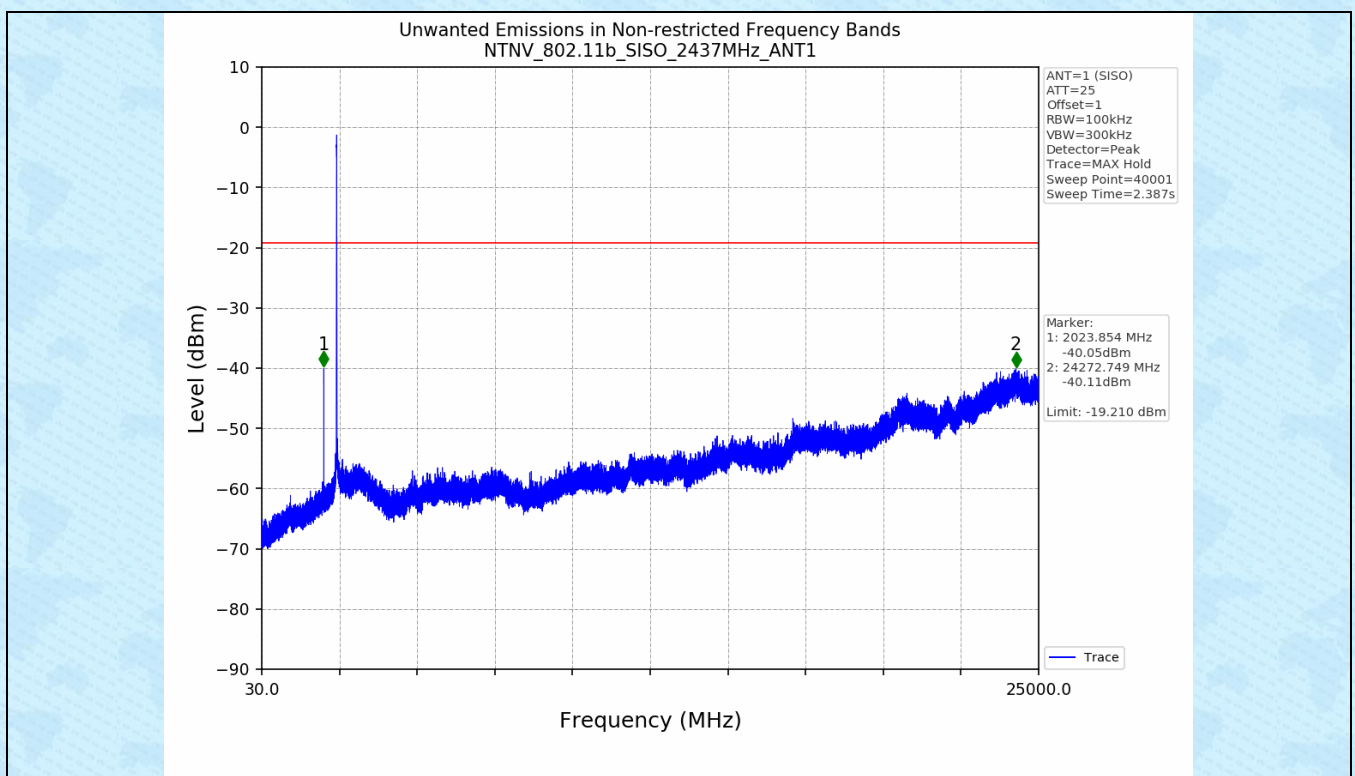
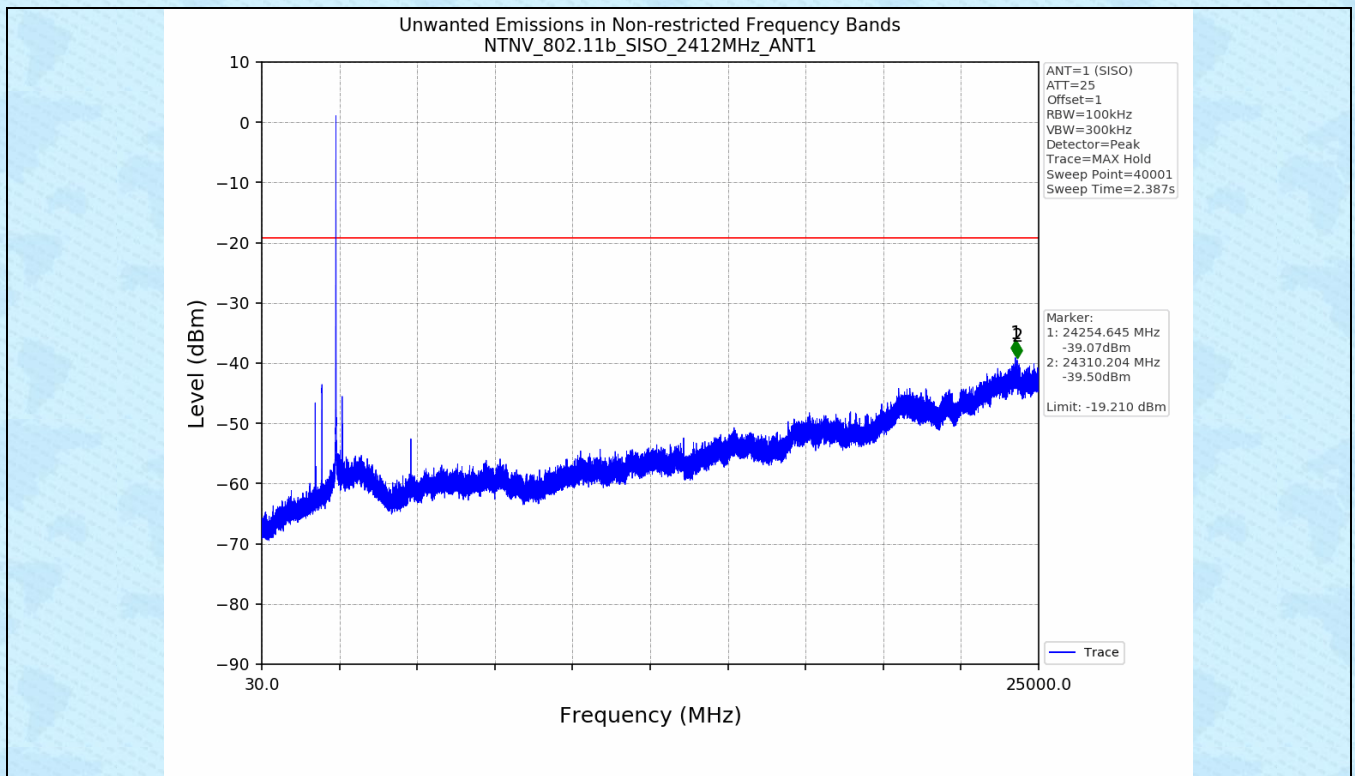
4. Unwanted Emissions in Non-restricted Frequency Bands

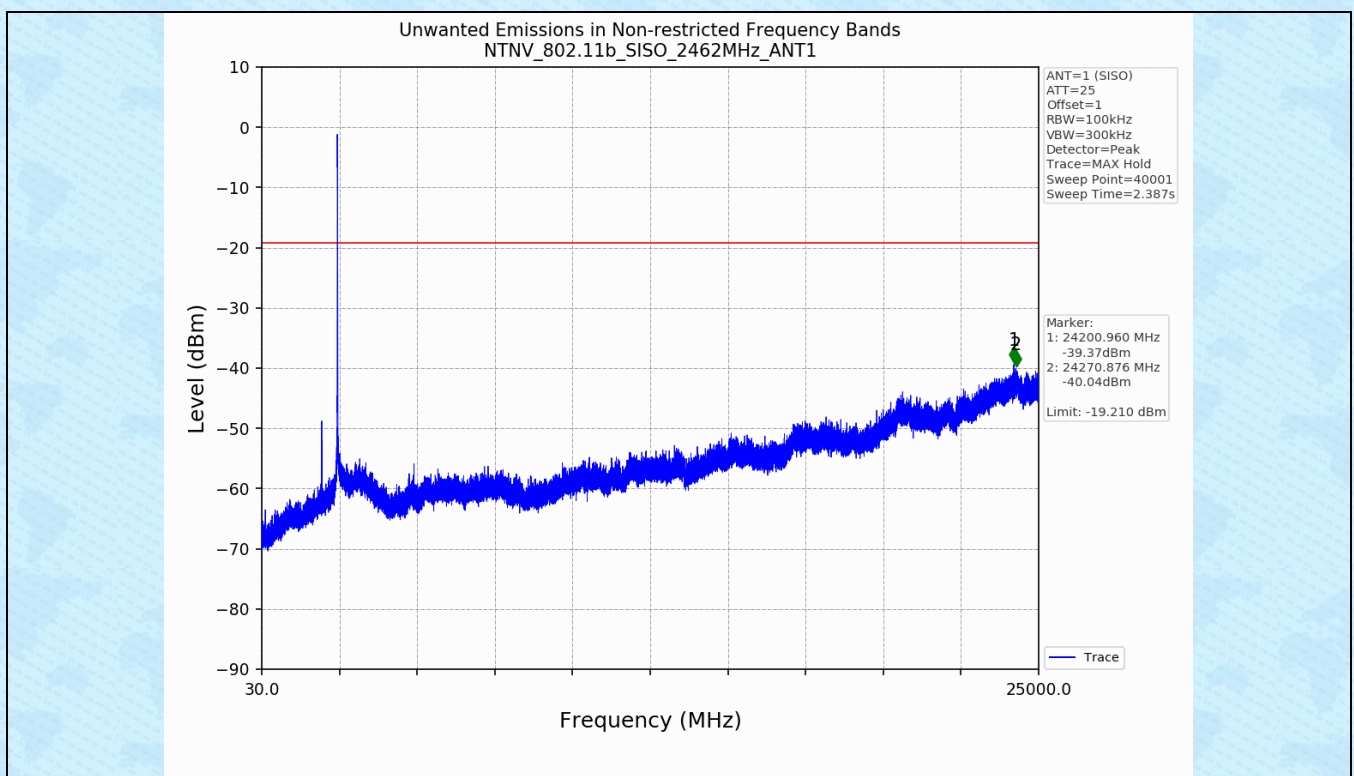
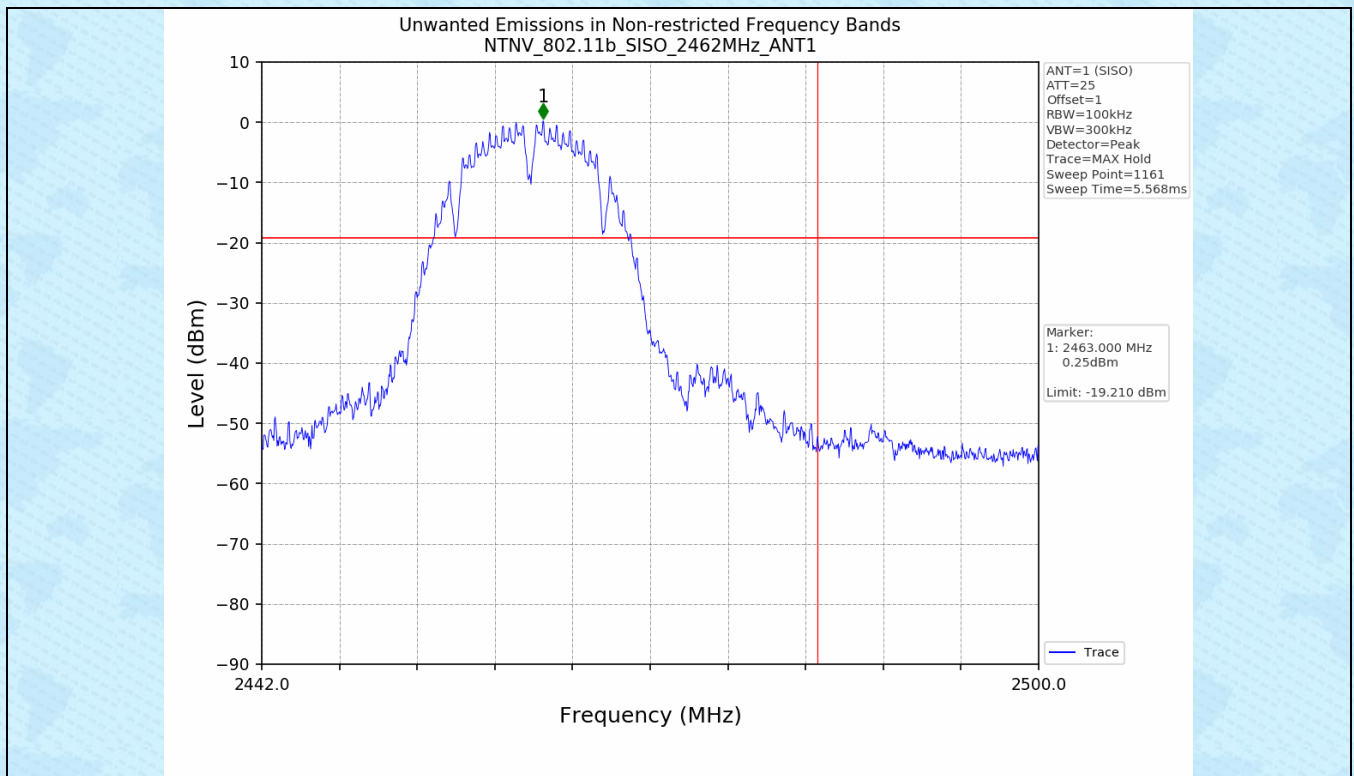
4.1 Test Result

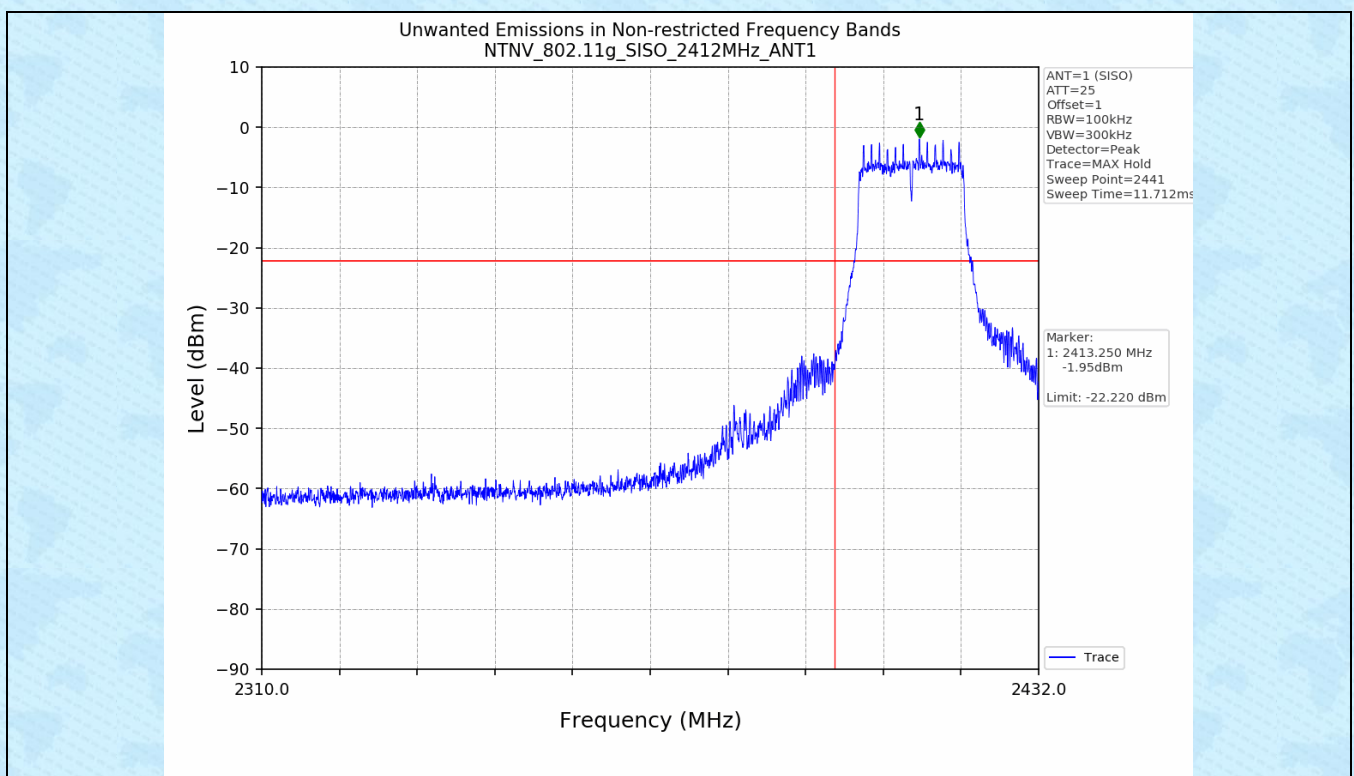
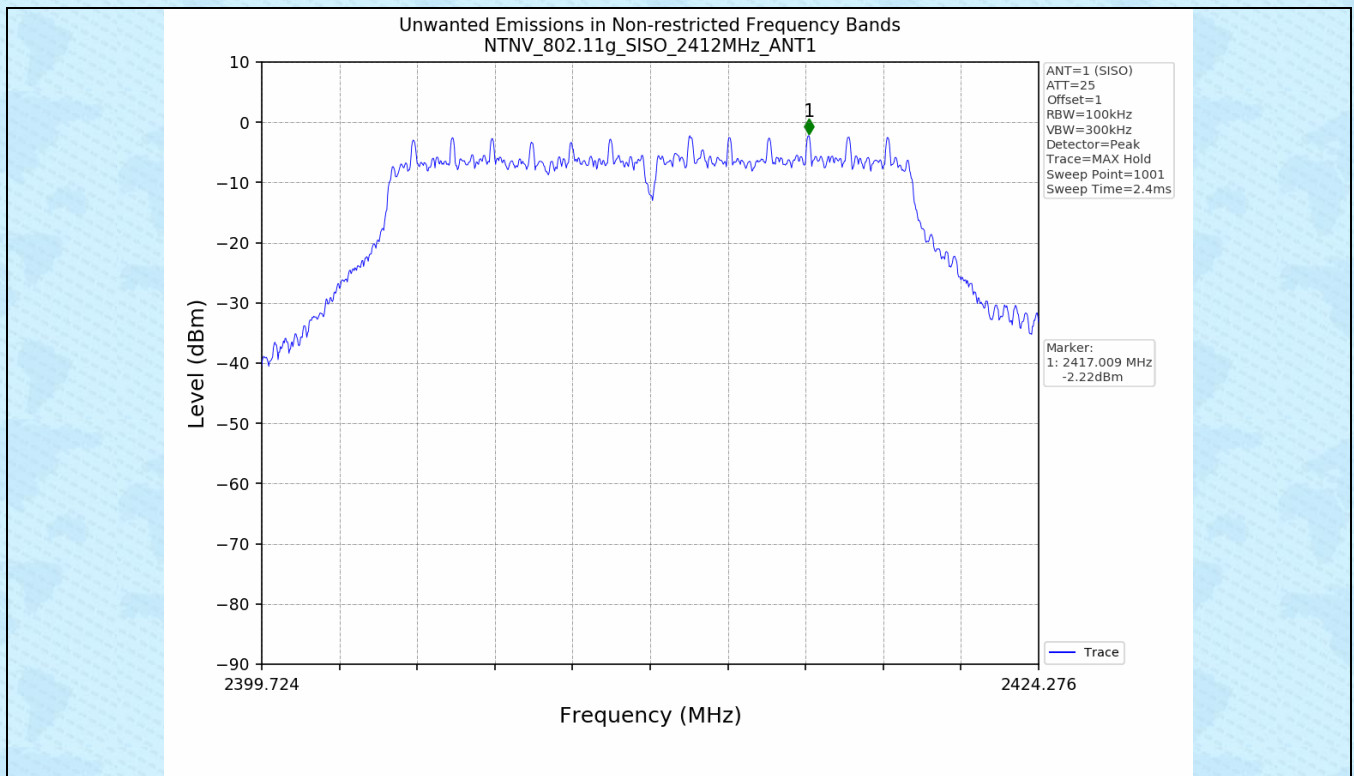
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	ANT1	Refer to test graph	-19.21	PASS
	2437	SISO	ANT1	Refer to test graph	-19.21	PASS
	2462	SISO	ANT1	Refer to test graph	-19.21	PASS
802.11g	2412	SISO	ANT1	Refer to test graph	-22.22	PASS
	2437	SISO	ANT1	Refer to test graph	-22.22	PASS
	2462	SISO	ANT1	Refer to test graph	-22.22	PASS
802.11n(HT20)	2412	SISO	ANT1	Refer to test graph	-22.20	PASS
	2437	SISO	ANT1	Refer to test graph	-22.20	PASS
	2462	SISO	ANT1	Refer to test graph	-22.20	PASS
802.11n(HT40)	2422	SISO	ANT1	Refer to test graph	-25.82	PASS
	2437	SISO	ANT1	Refer to test graph	-25.82	PASS
	2452	SISO	ANT1	Refer to test graph	-25.82	PASS

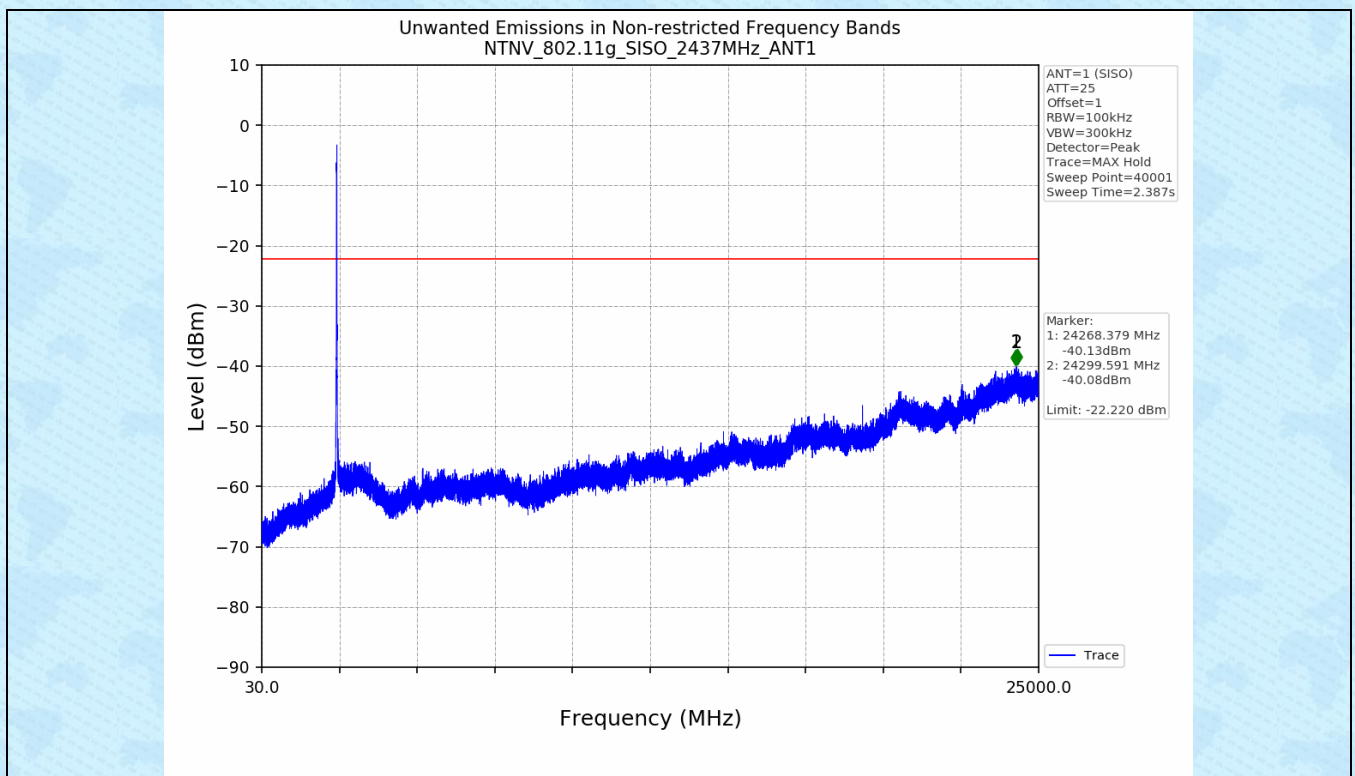
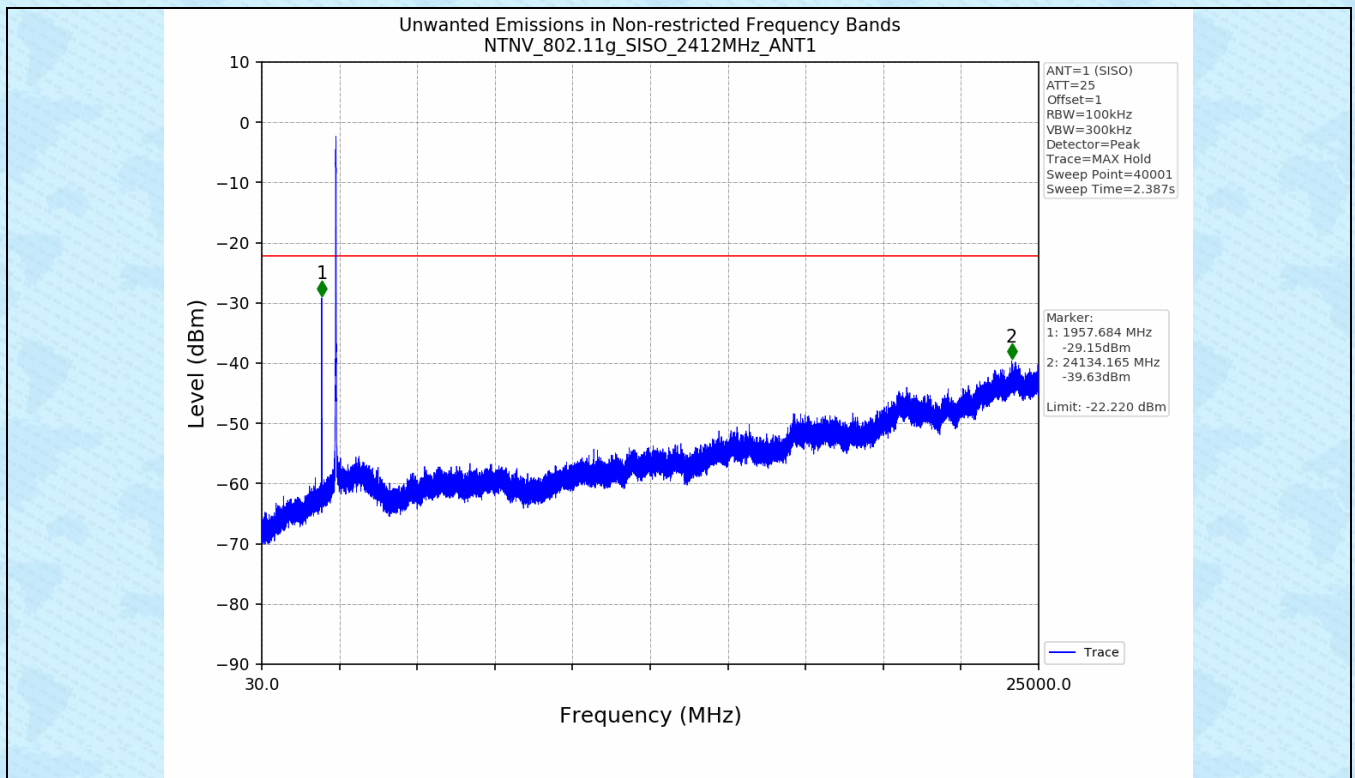
4.2 Test Graph

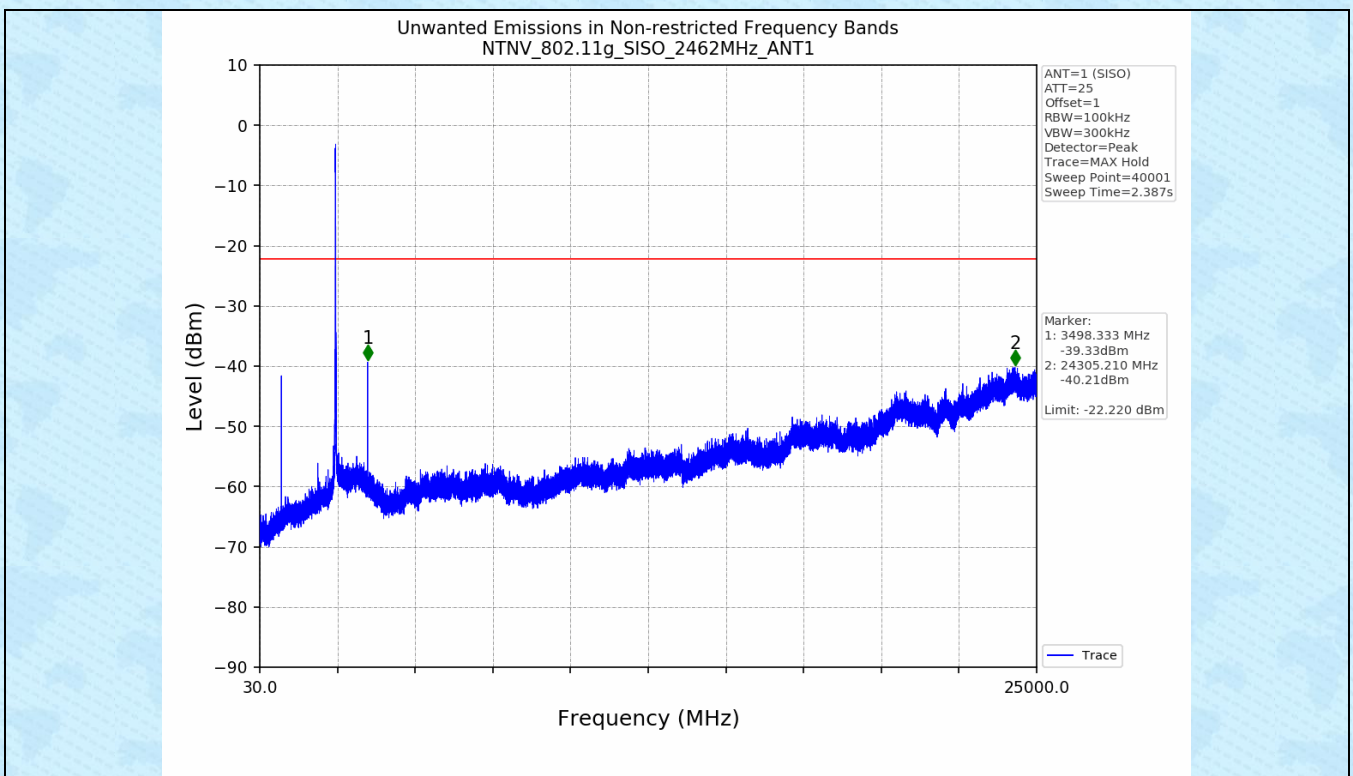
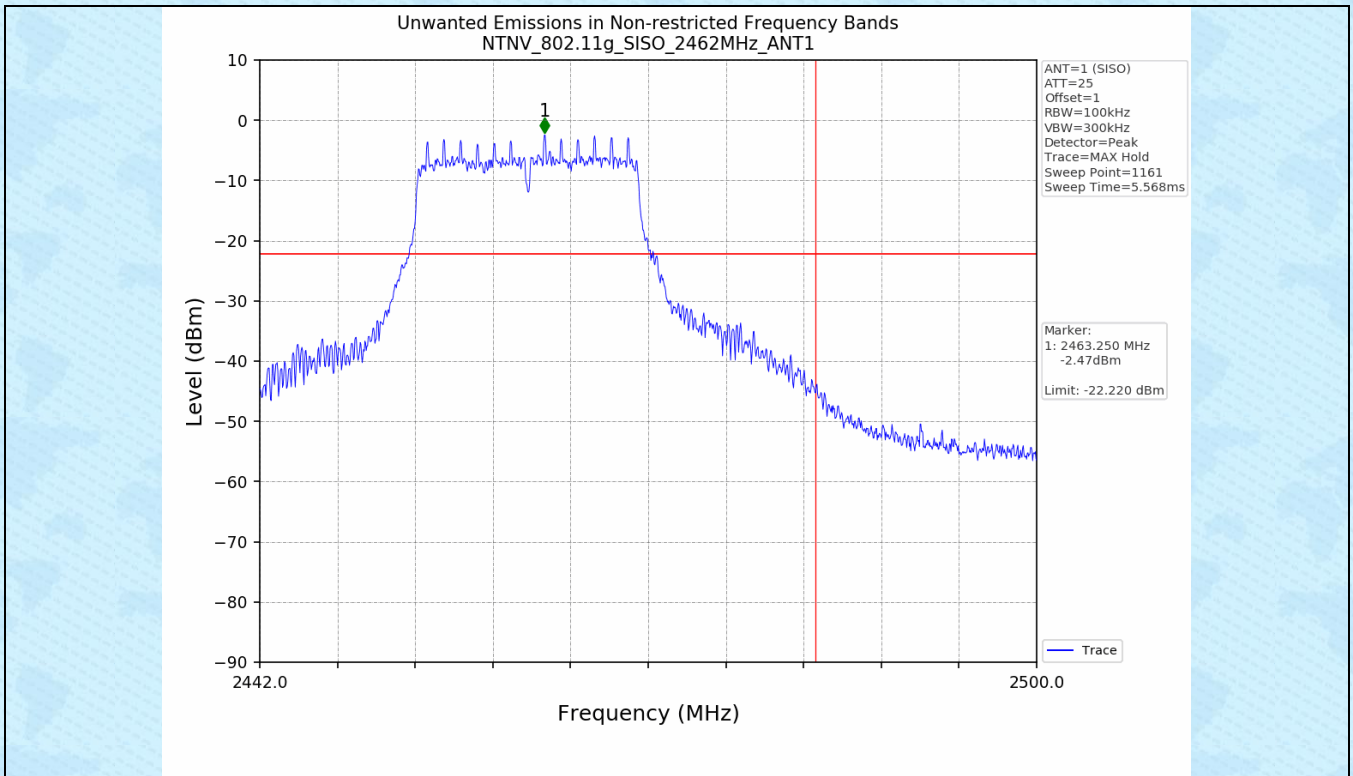


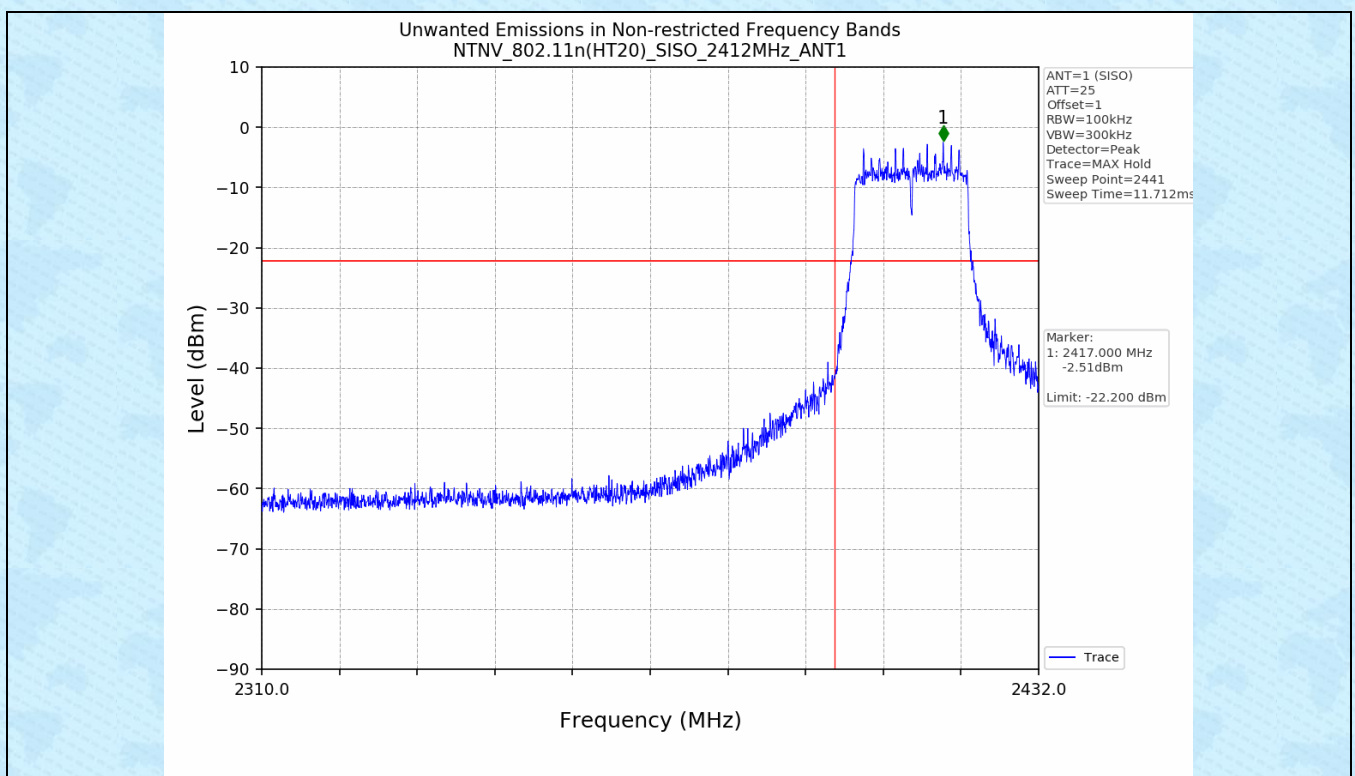
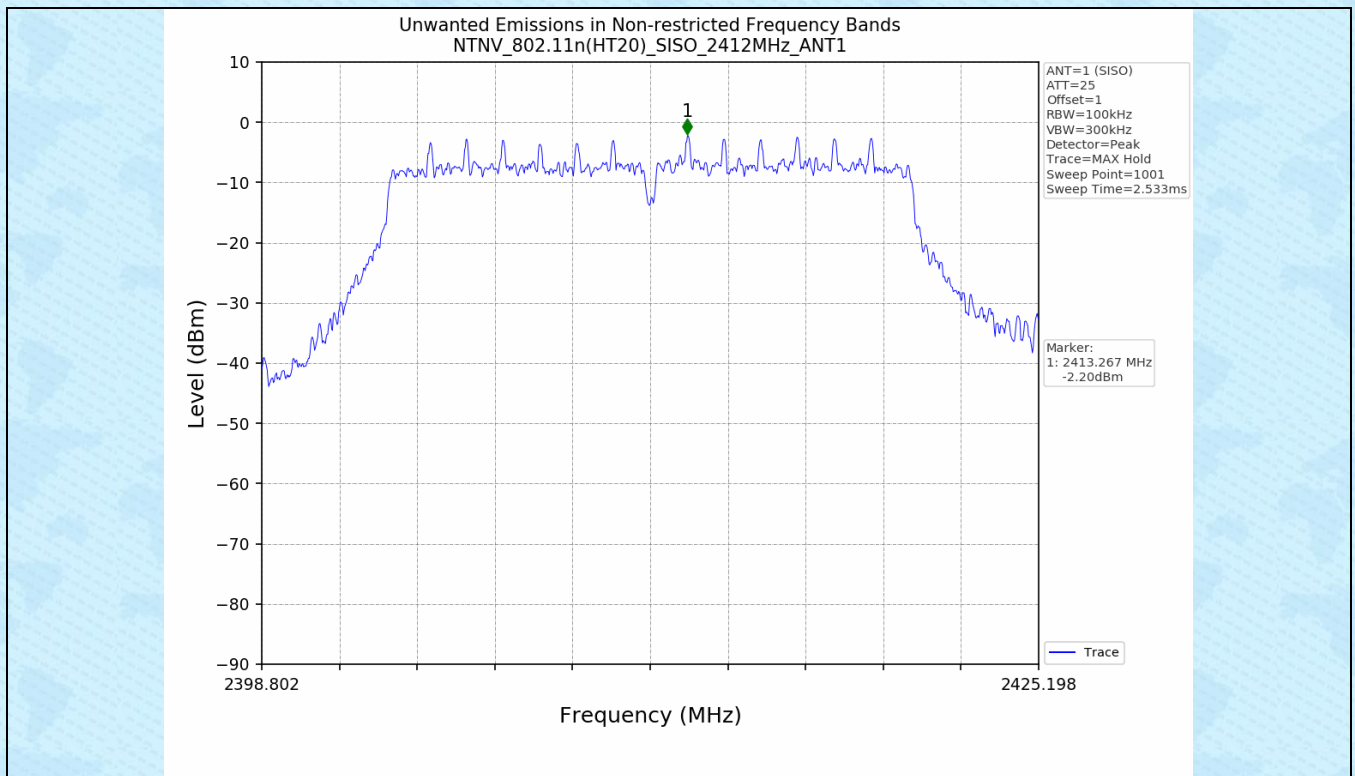


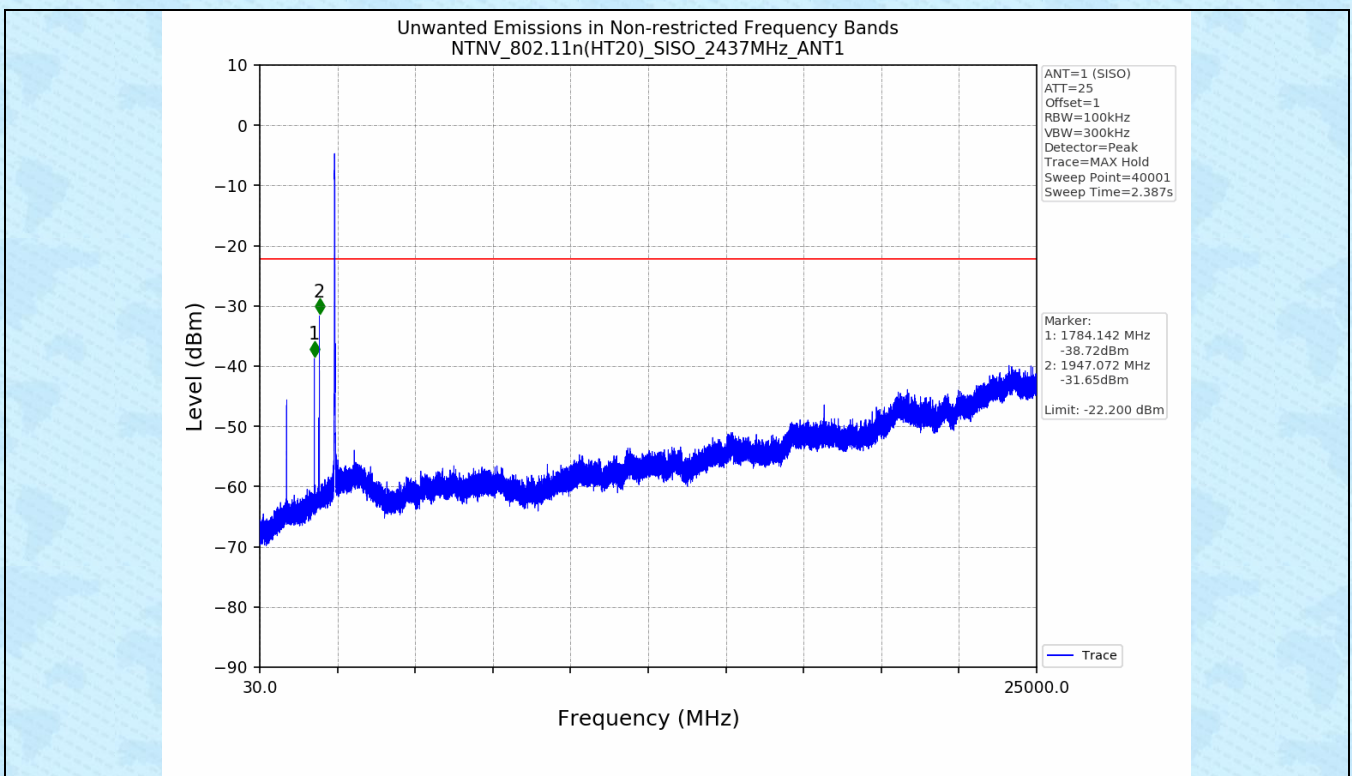
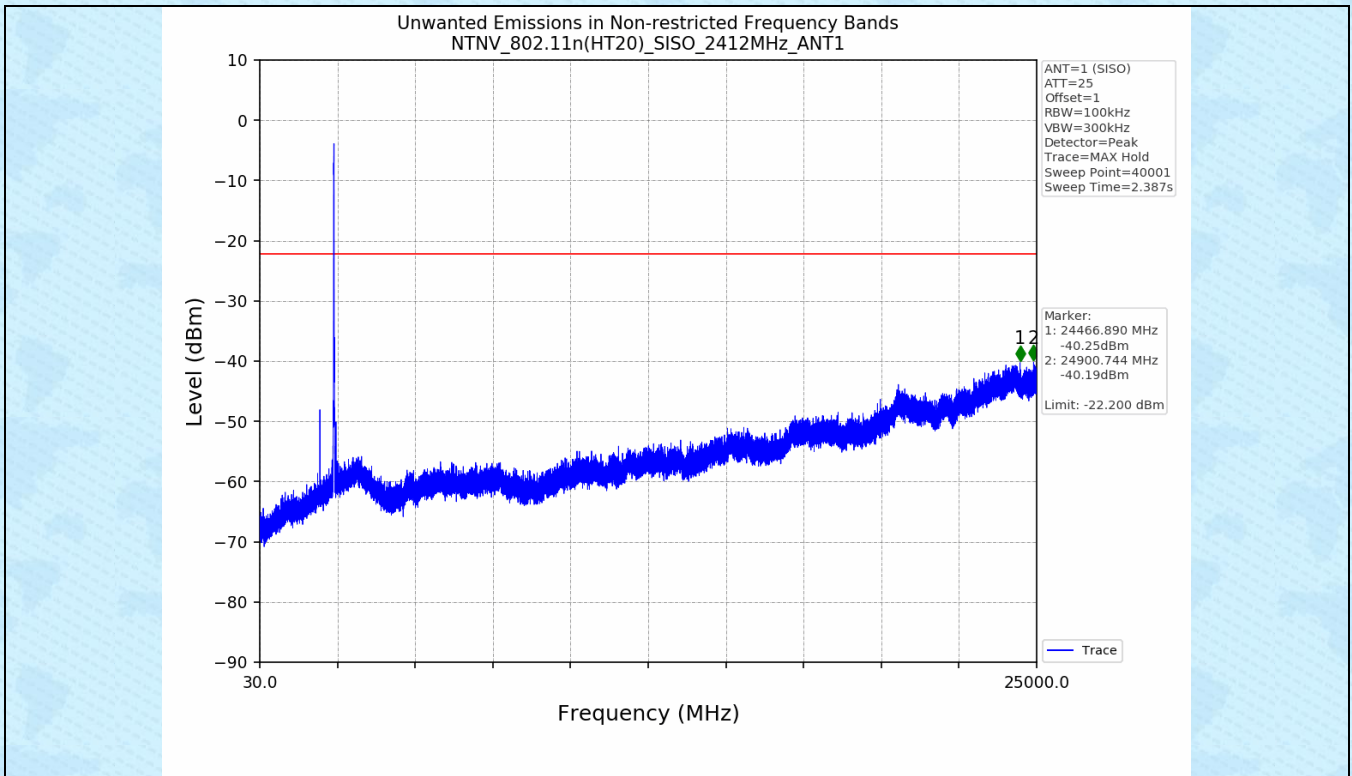


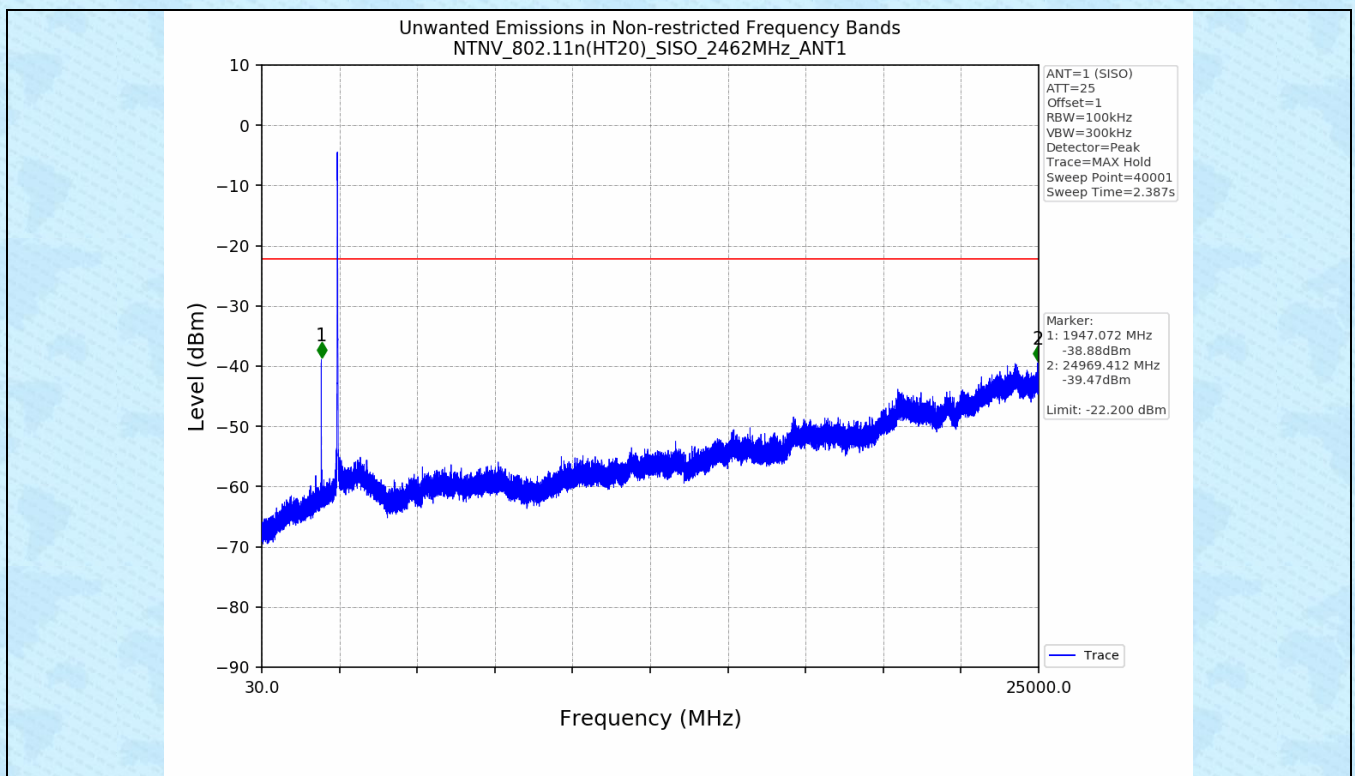
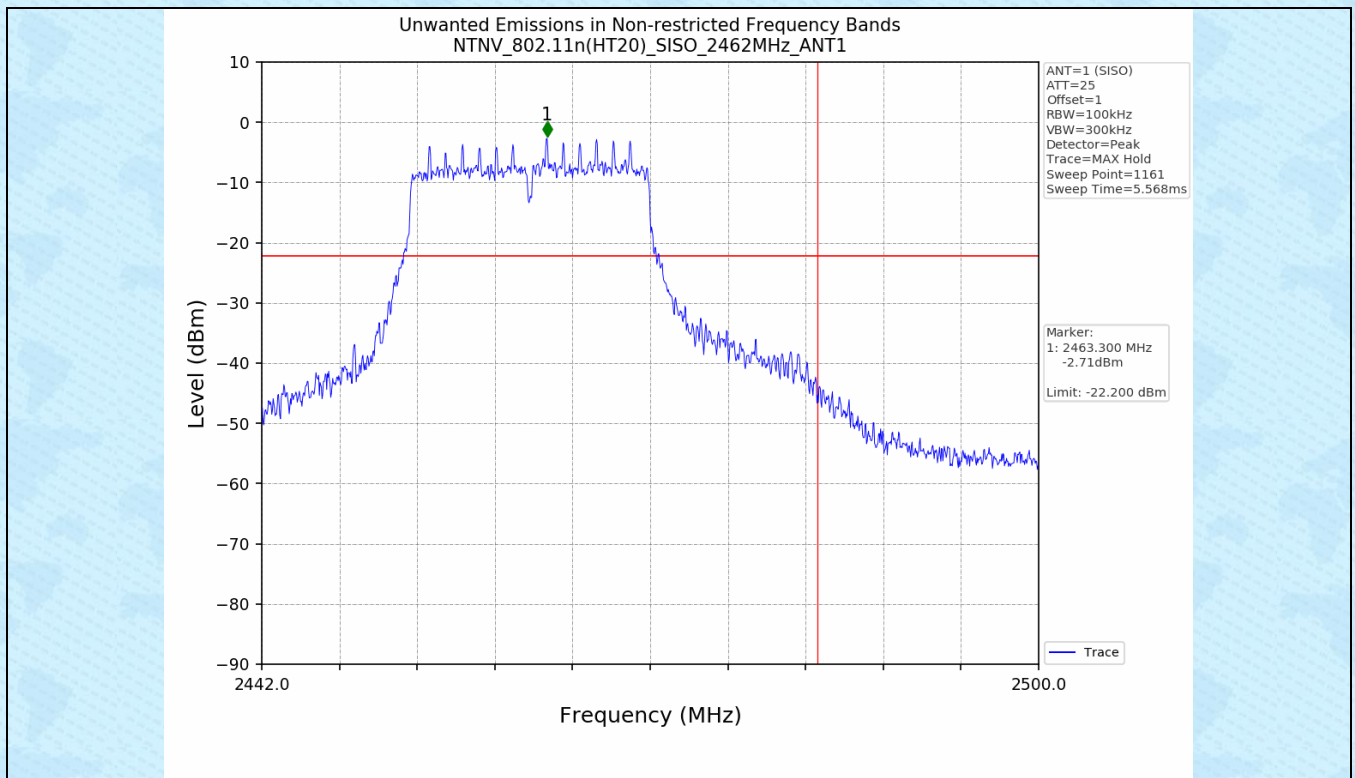


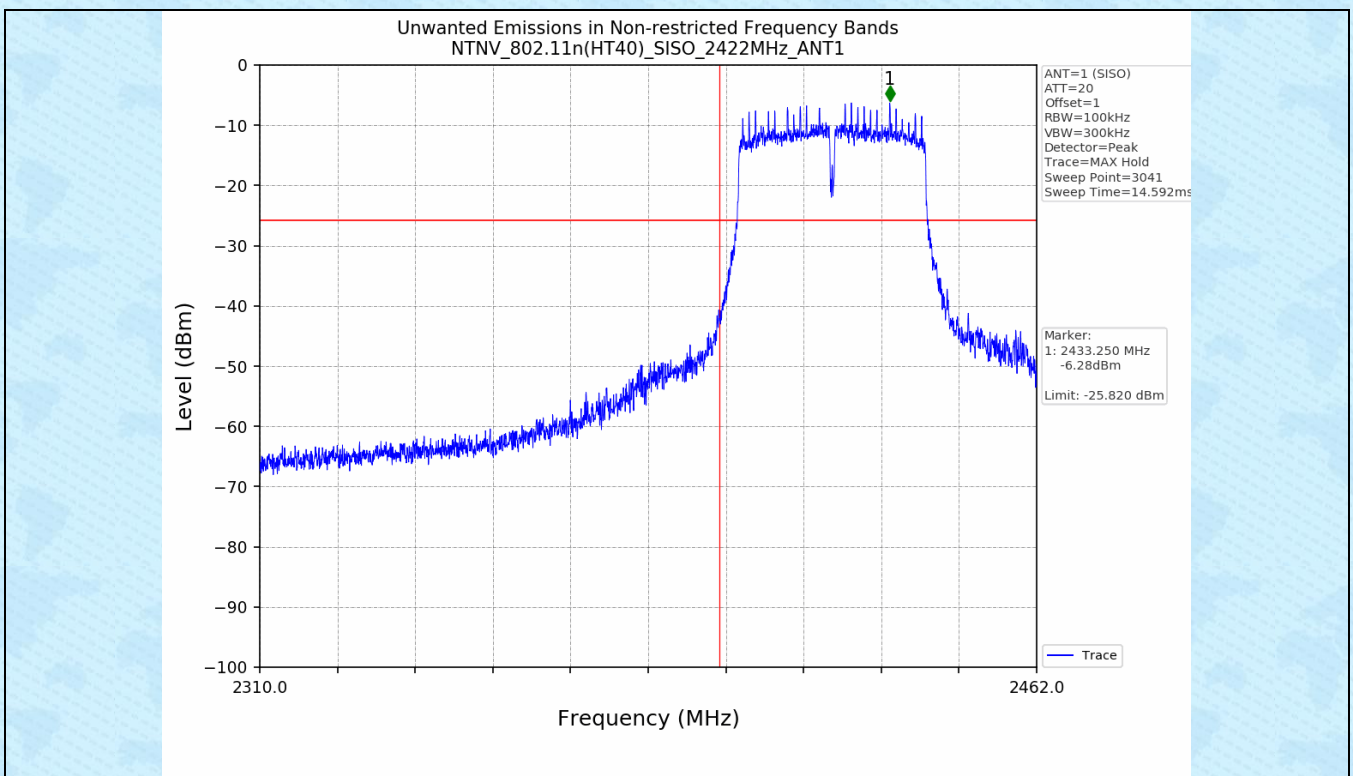
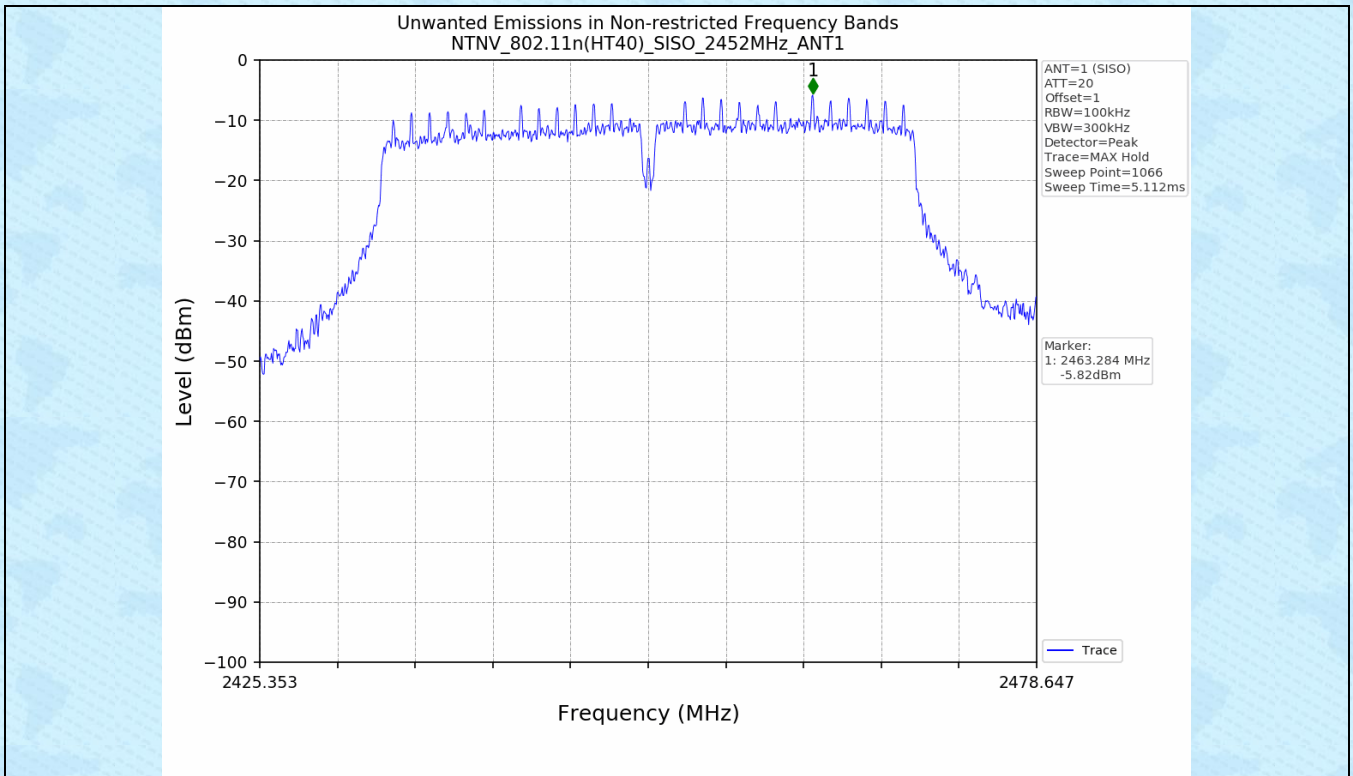


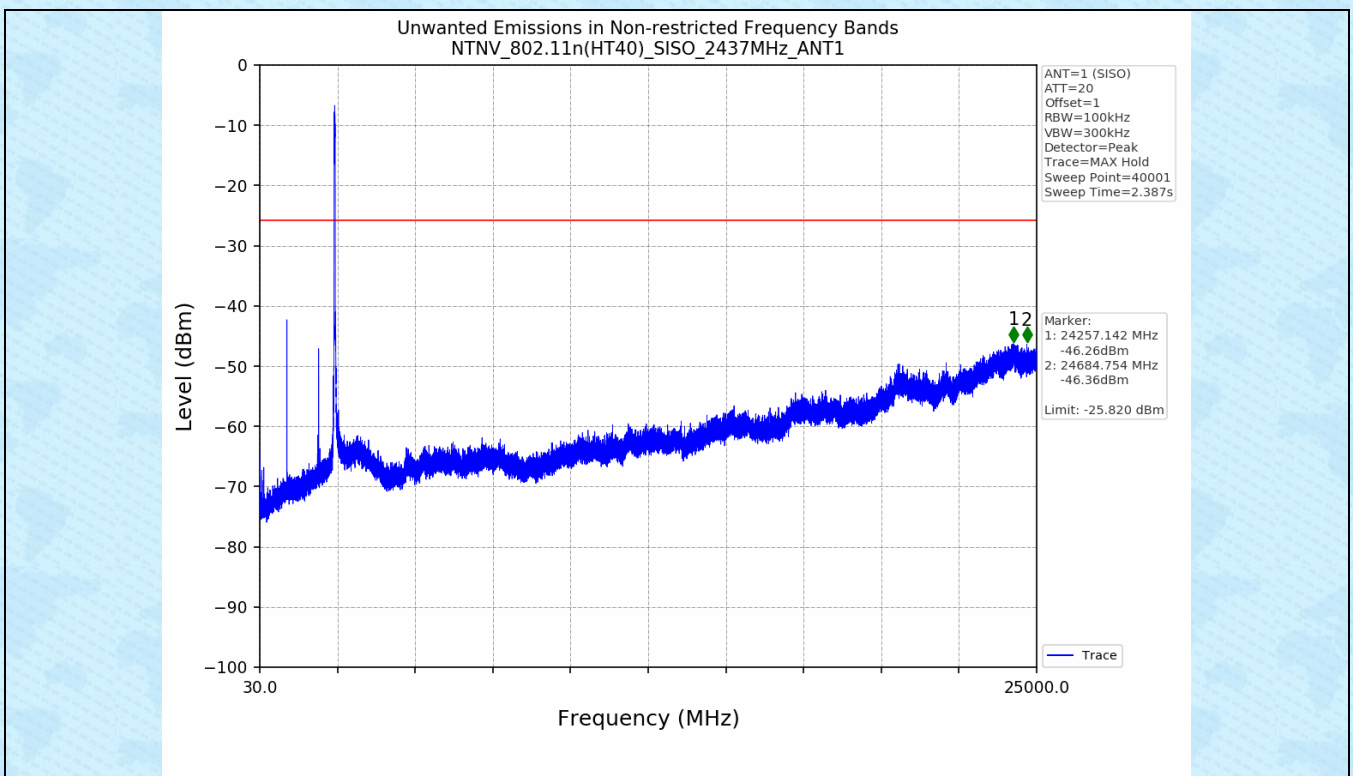
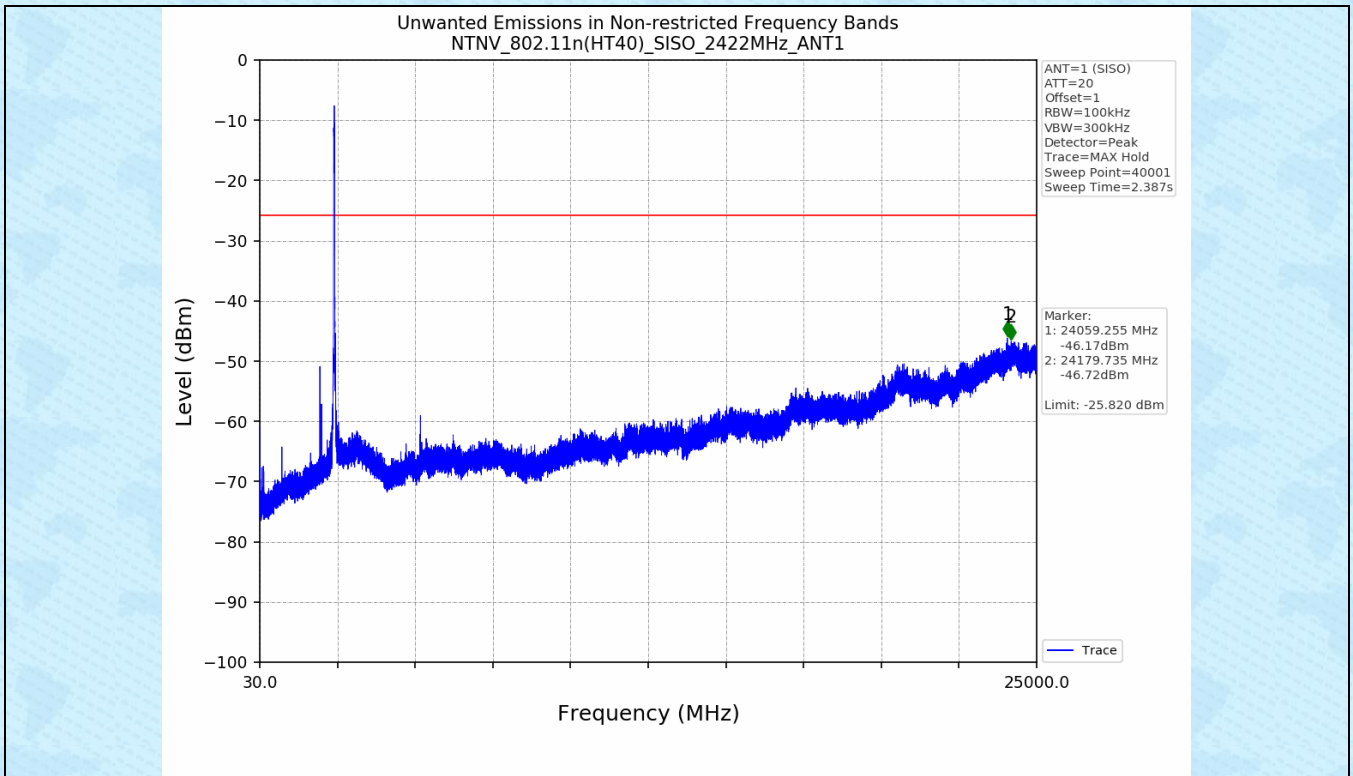


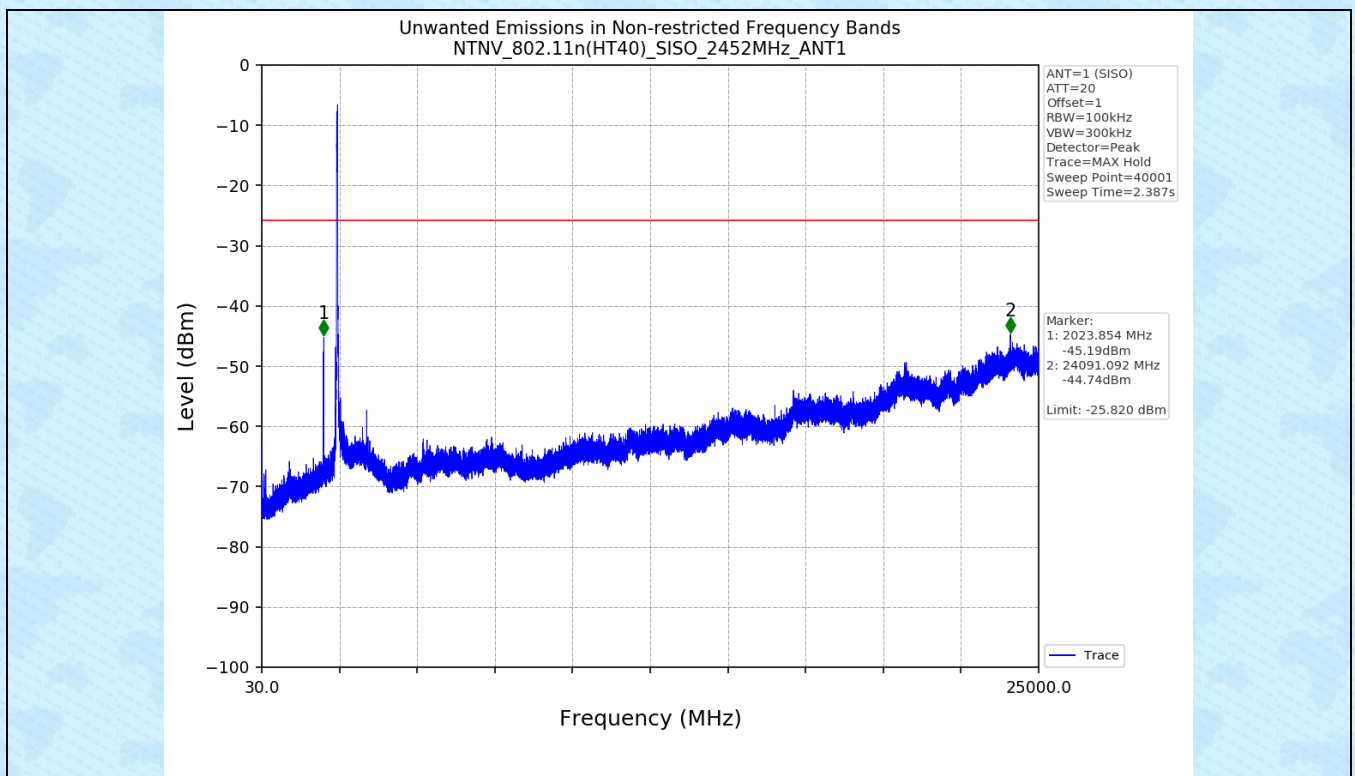
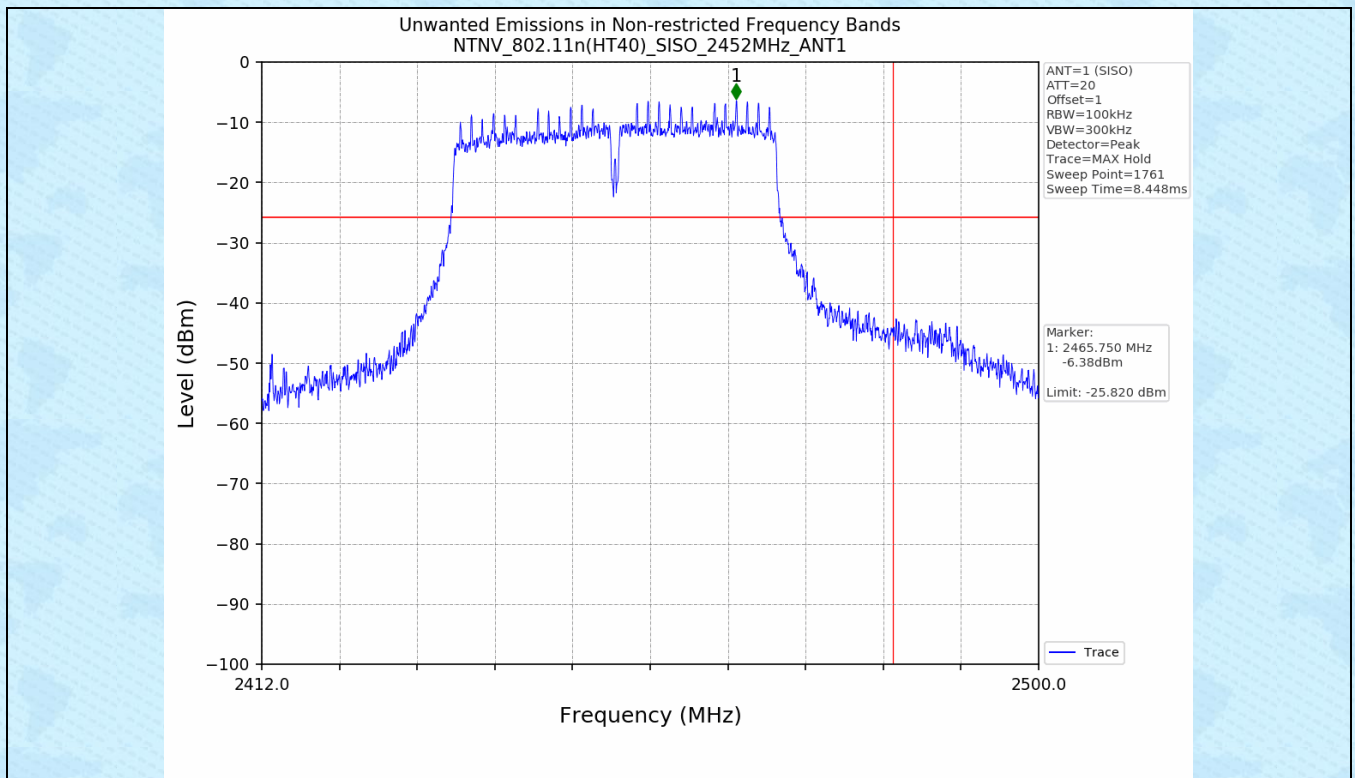












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