

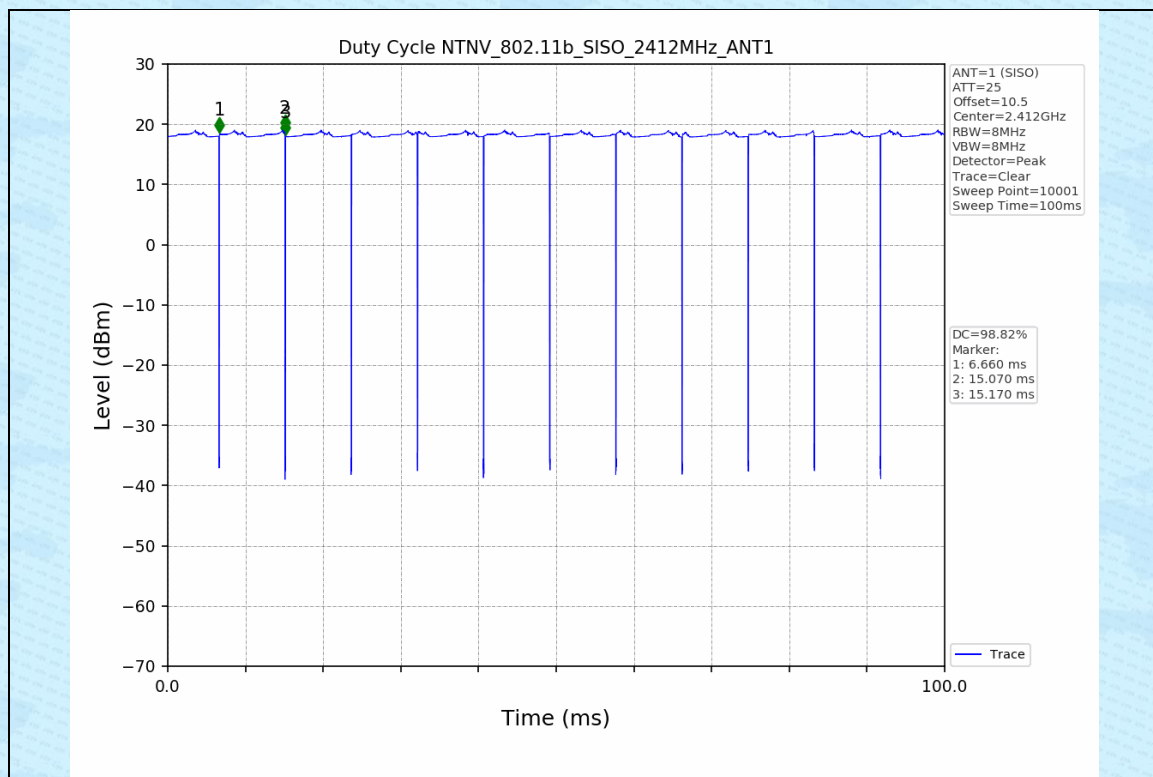
Appendix for 15.247

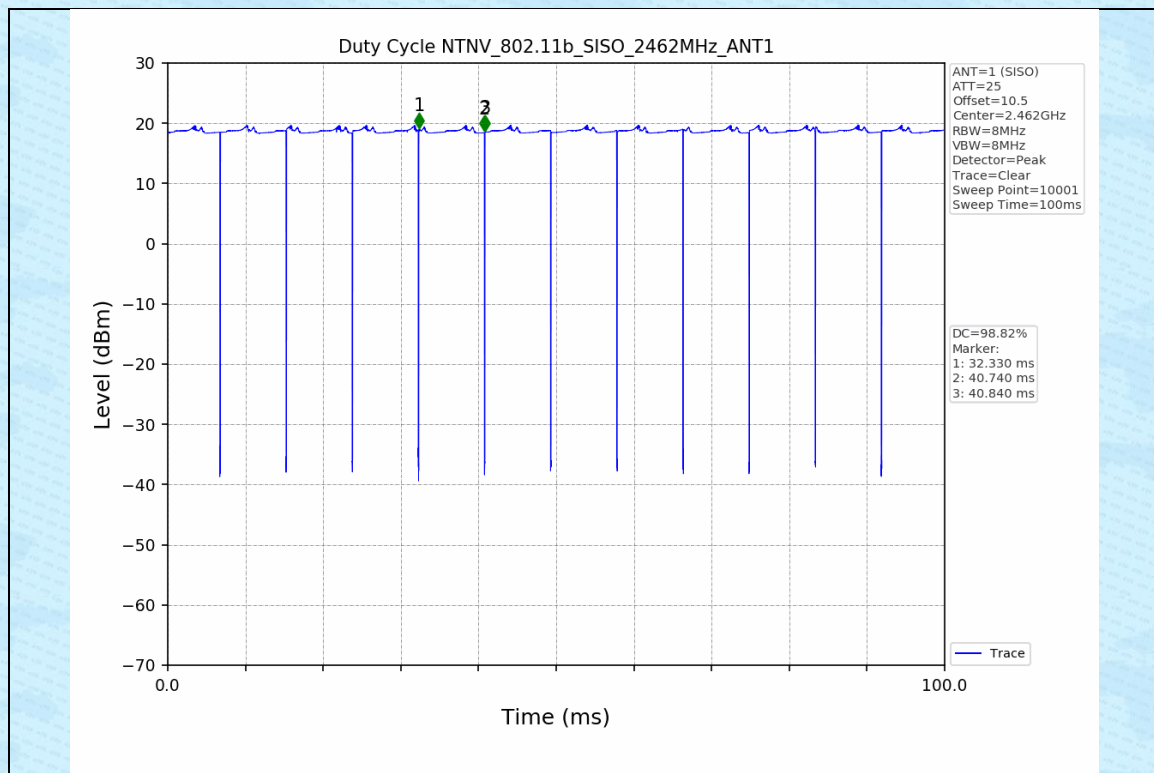
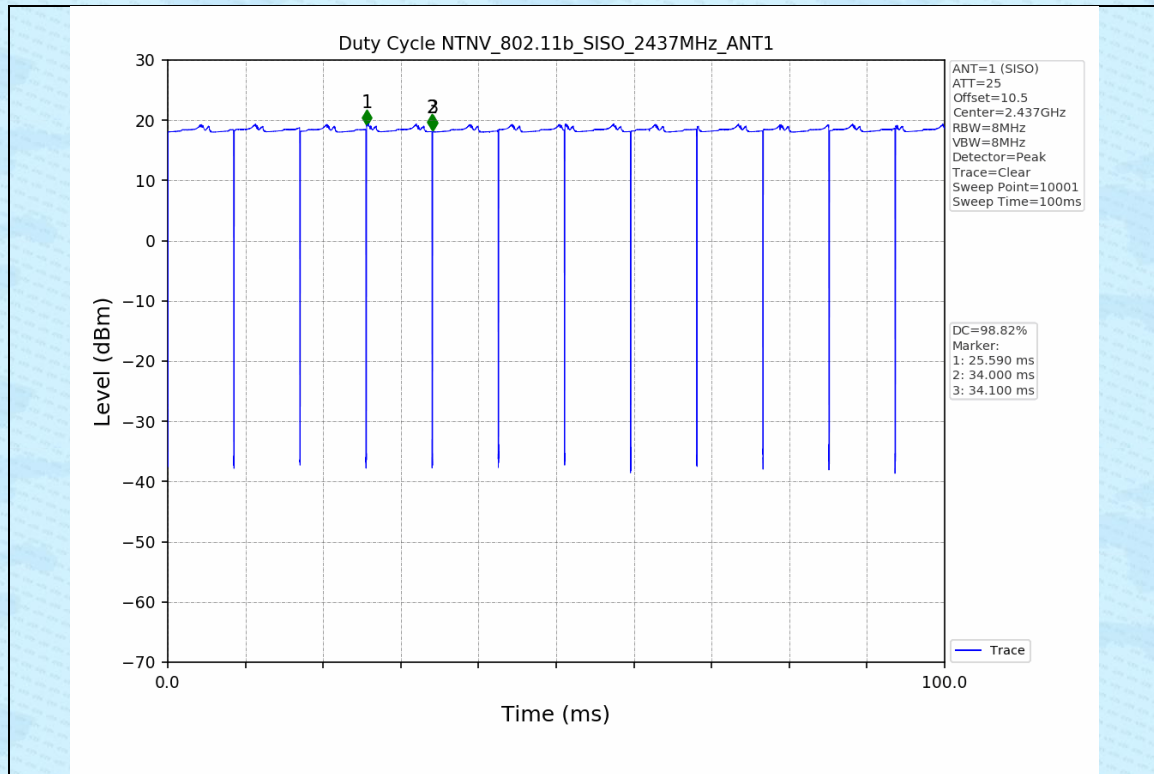
1. Duty Cycle

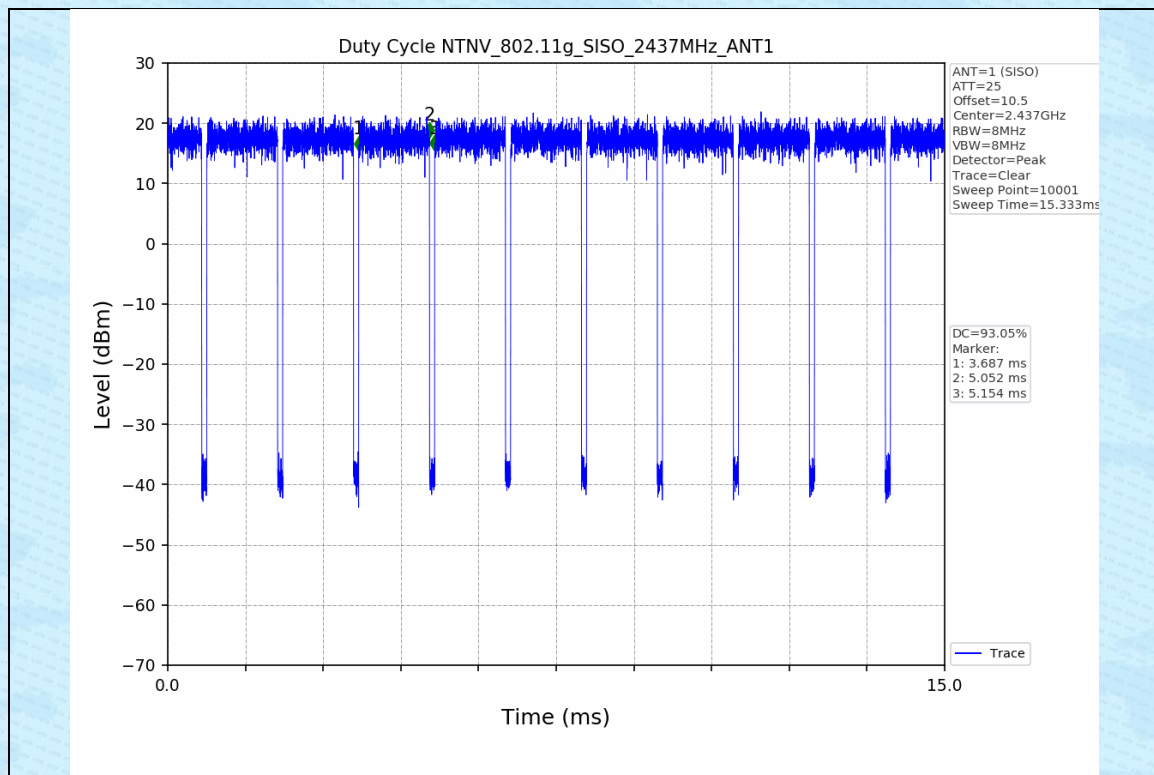
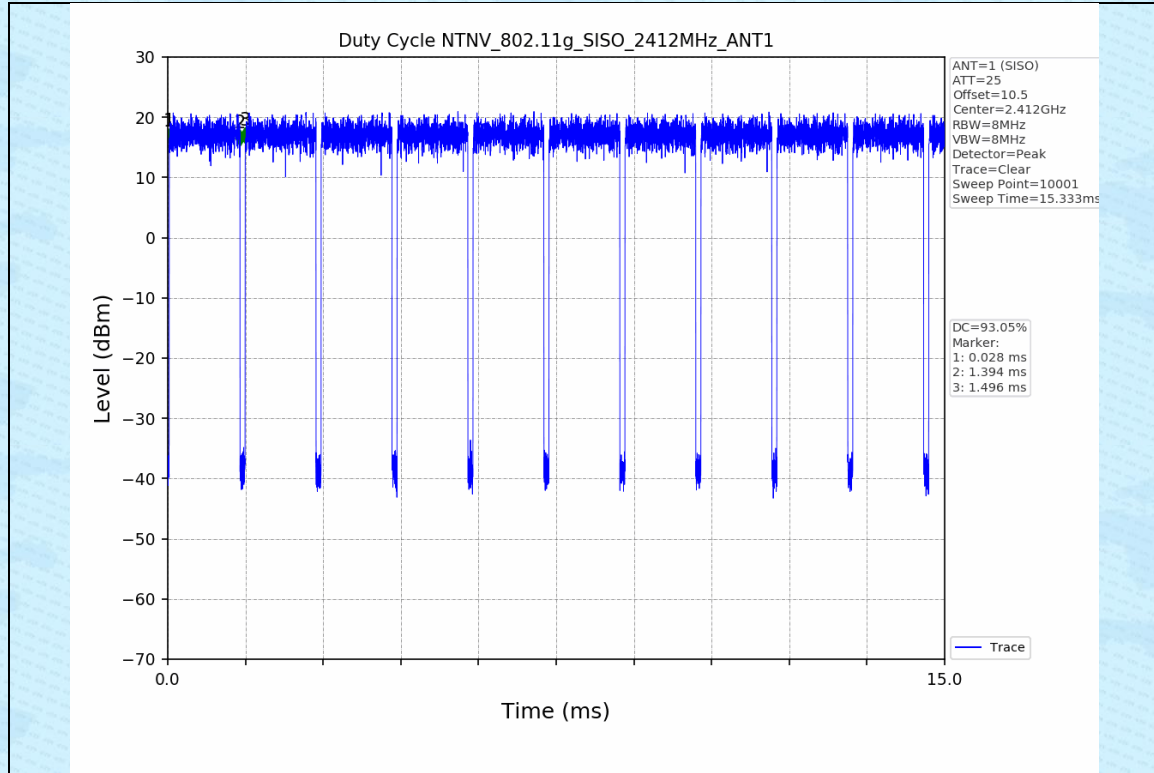
1.1 Test Result

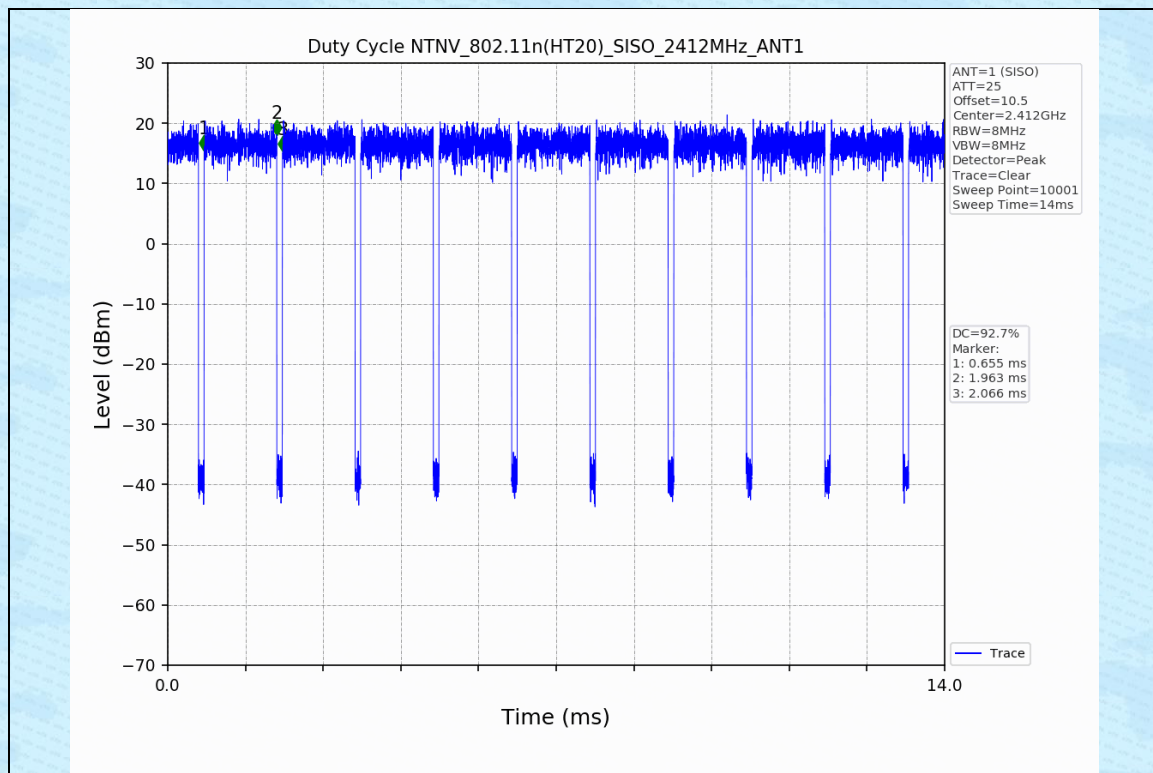
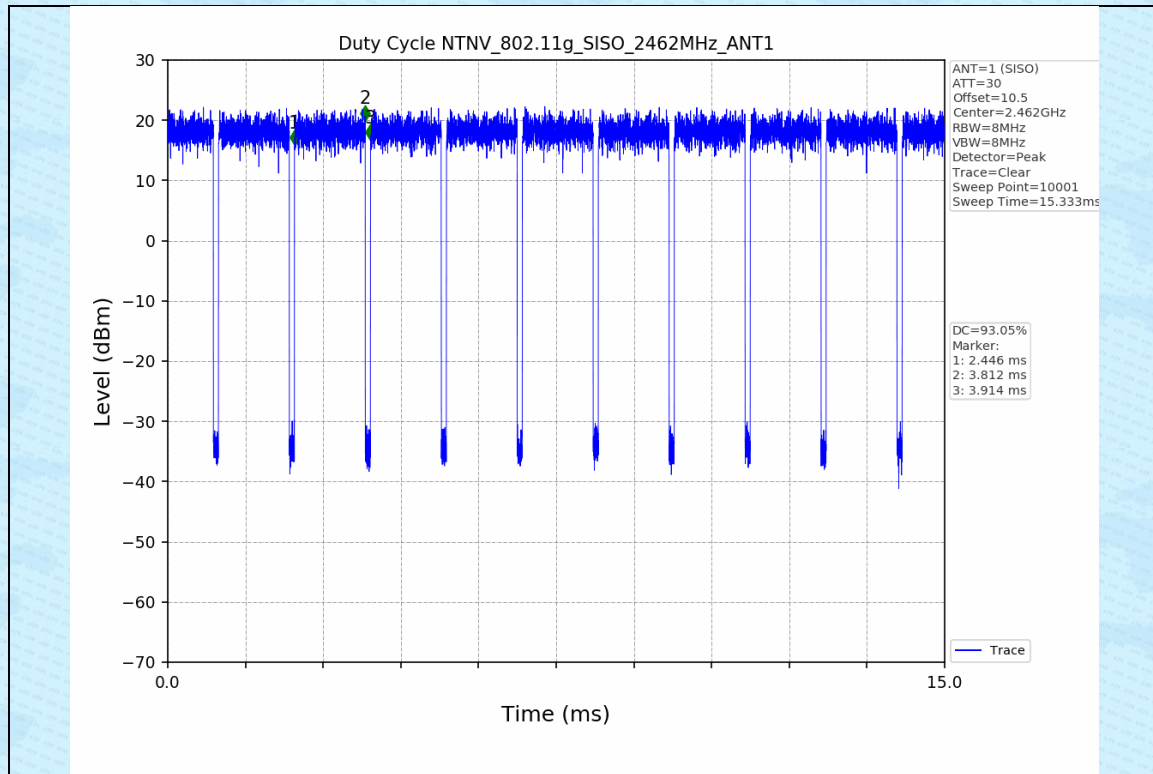
Test Mode	Channel Frequency(MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11b	2412	SISO	1	8.410	8.510	98.82	0.05
	2437	SISO	1	8.410	8.510	98.82	0.05
	2462	SISO	1	8.410	8.510	98.82	0.05
802.11g	2412	SISO	1	1.366	1.468	93.05	0.31
	2437	SISO	1	1.365	1.467	93.05	0.31
	2462	SISO	1	1.366	1.468	93.05	0.31
802.11n(HT20)	2412	SISO	1	1.308	1.411	92.70	0.33
	2437	SISO	1	1.308	1.412	92.63	0.33
	2462	SISO	1	1.307	1.411	92.63	0.33

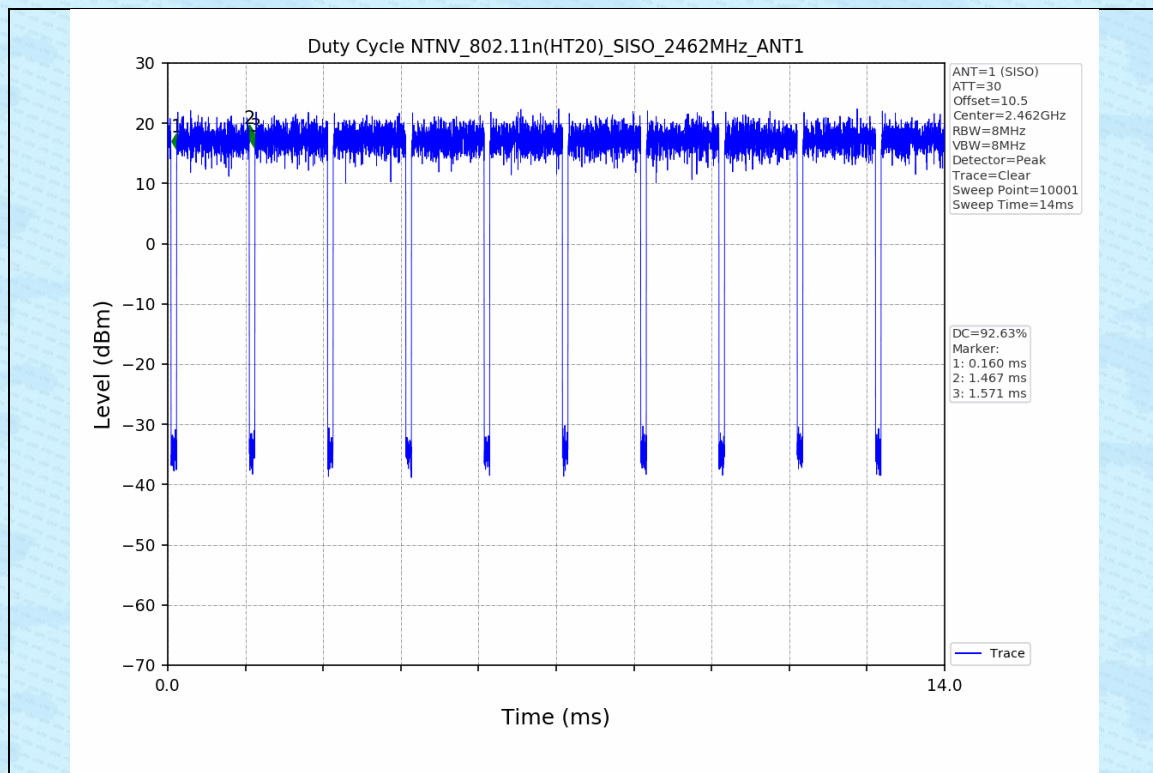
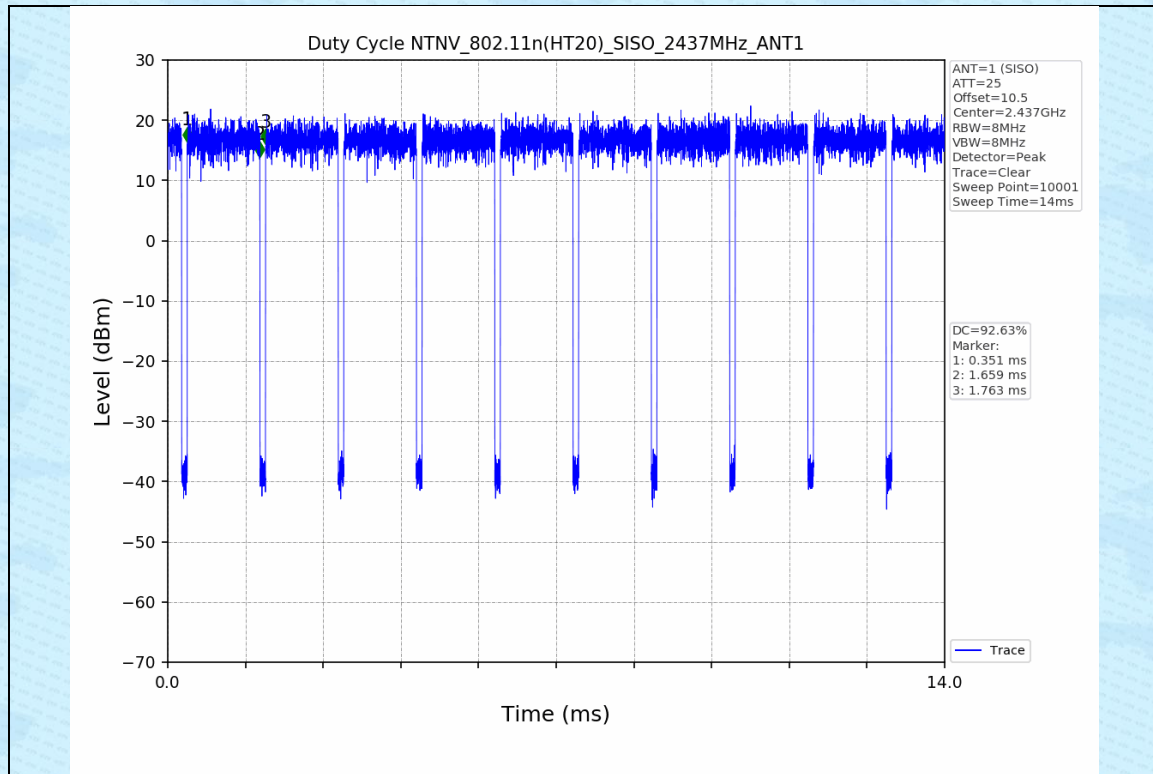
1.2 Test Graph











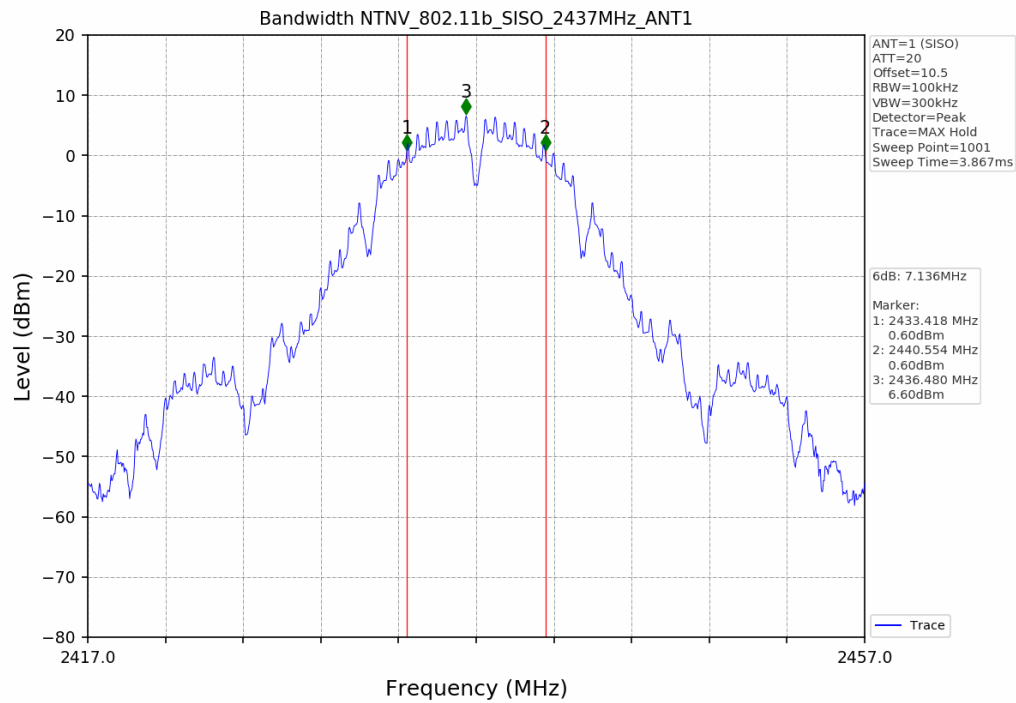
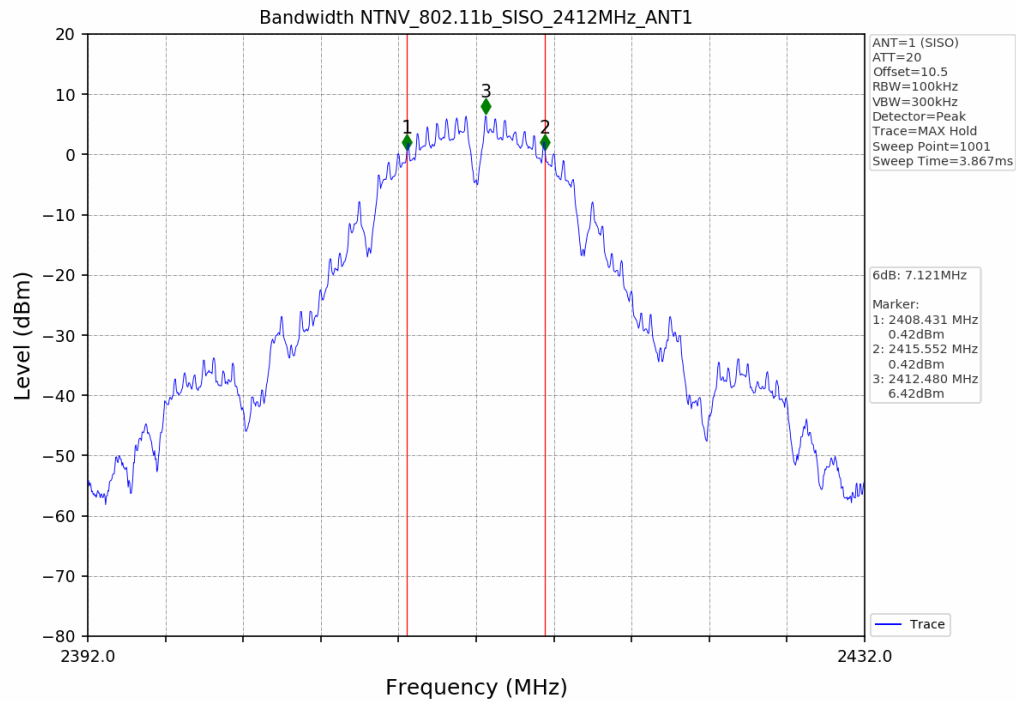
2. Bandwidth

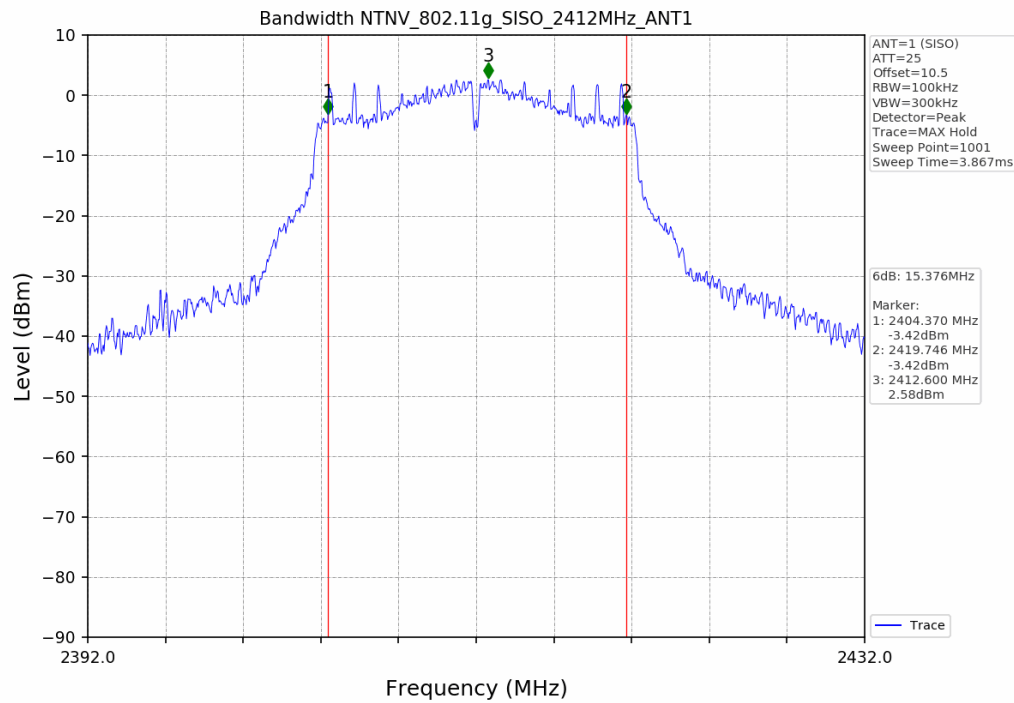
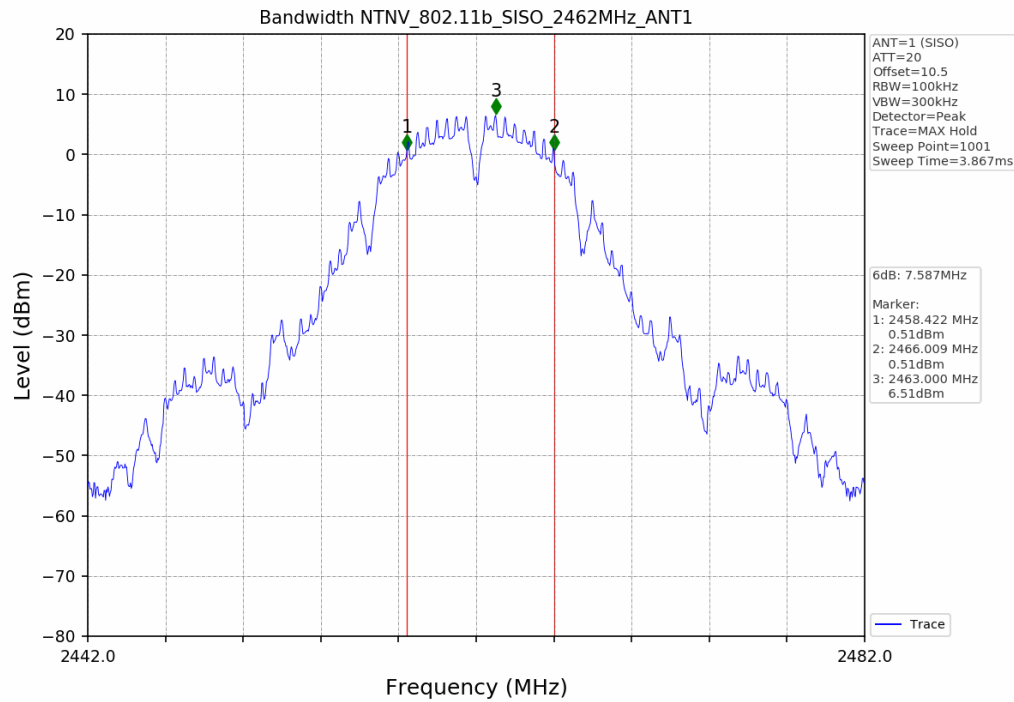
2.1 Test Result

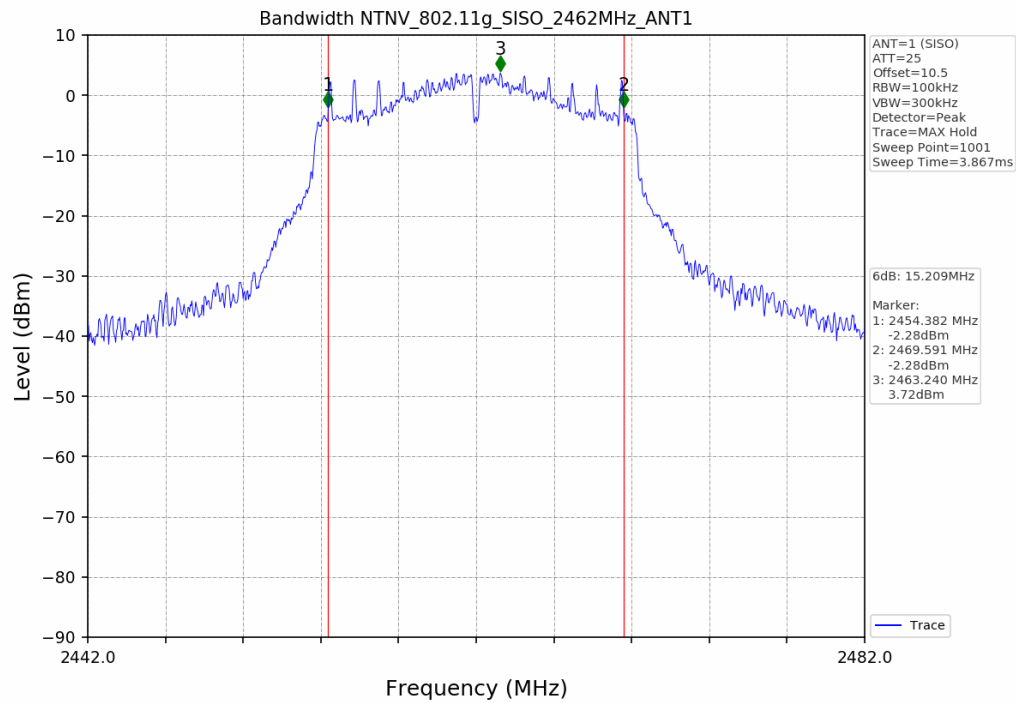
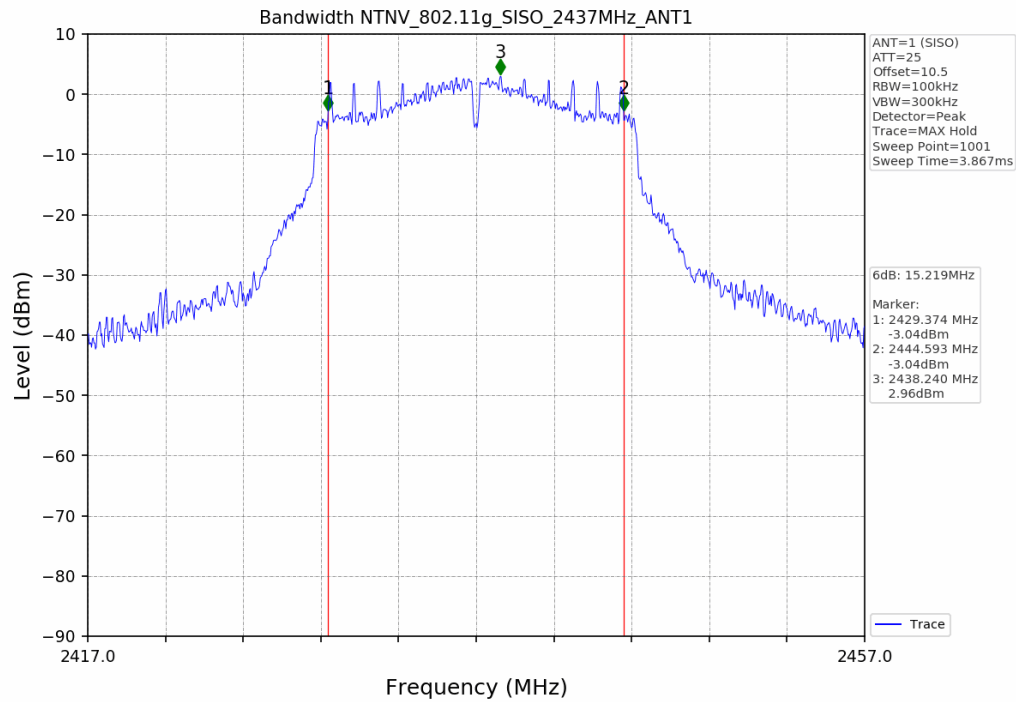
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11b	2412	SISO	1	7.121	≥0.5	PASS
	2437	SISO	1	7.136	≥0.5	PASS
	2462	SISO	1	7.587	≥0.5	PASS
802.11g	2412	SISO	1	15.376	≥0.5	PASS
	2437	SISO	1	15.219	≥0.5	PASS
	2462	SISO	1	15.209	≥0.5	PASS
802.11n(HT20)	2412	SISO	1	15.215	≥0.5	PASS
	2437	SISO	1	15.217	≥0.5	PASS
	2462	SISO	1	15.207	≥0.5	PASS

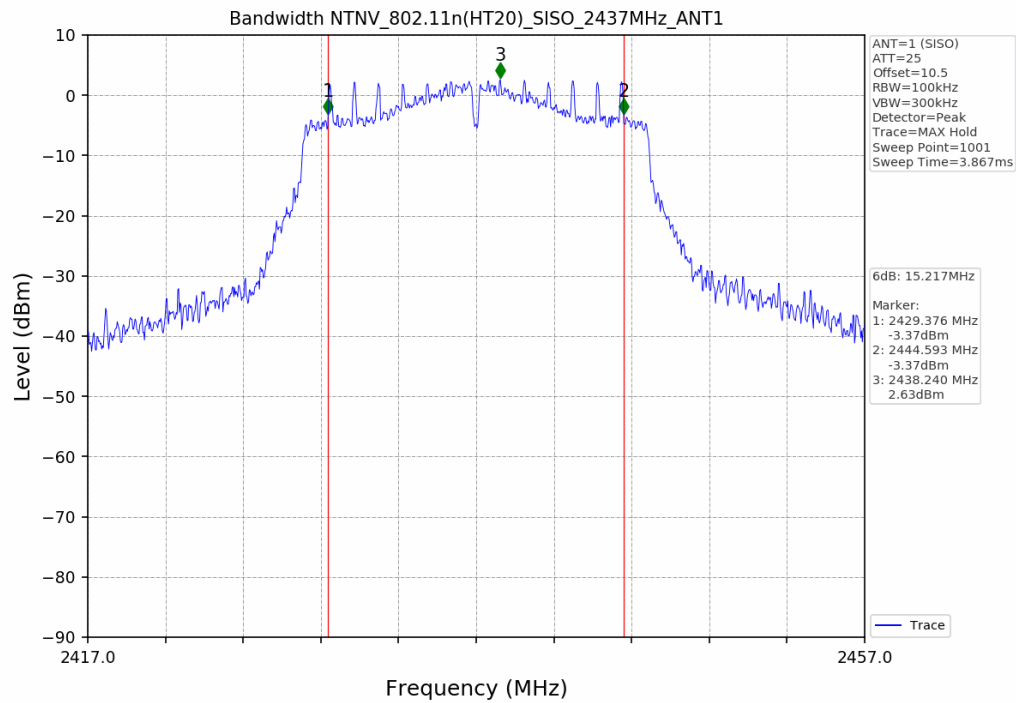
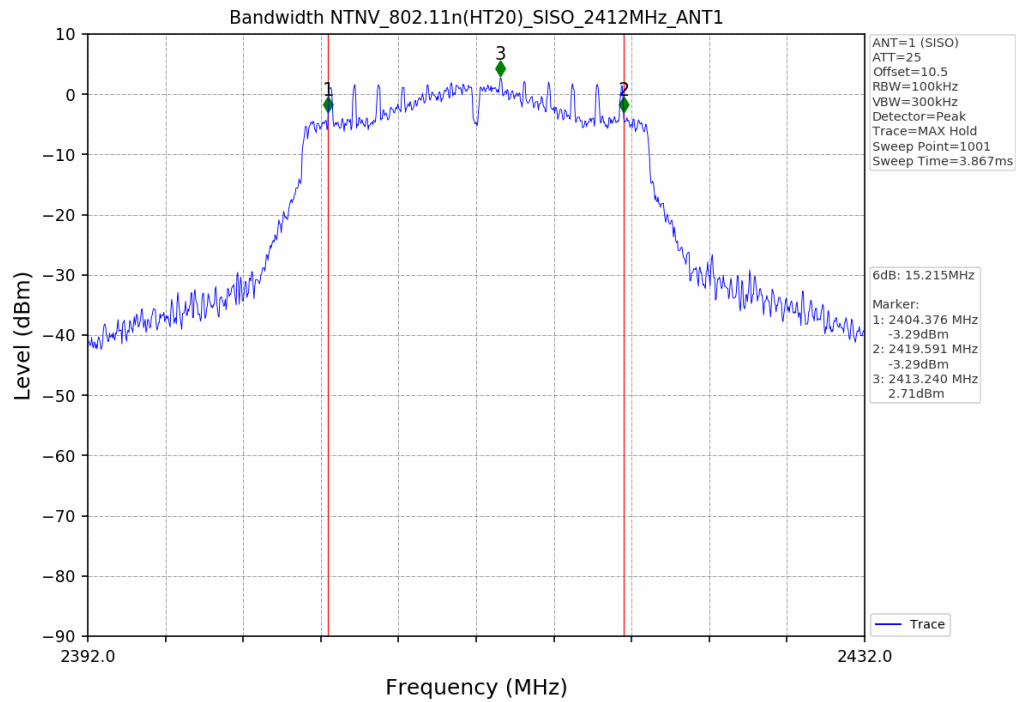
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	11.825	Only for Report Use
	2437	SISO	1	11.770	Only for Report Use
	2462	SISO	1	11.770	Only for Report Use
802.11g	2412	SISO	1	16.723	Only for Report Use
	2437	SISO	1	16.732	Only for Report Use
	2462	SISO	1	16.575	Only for Report Use
802.11n(HT20)	2412	SISO	1	17.755	Only for Report Use
	2437	SISO	1	17.799	Only for Report Use
	2462	SISO	1	17.725	Only for Report Use

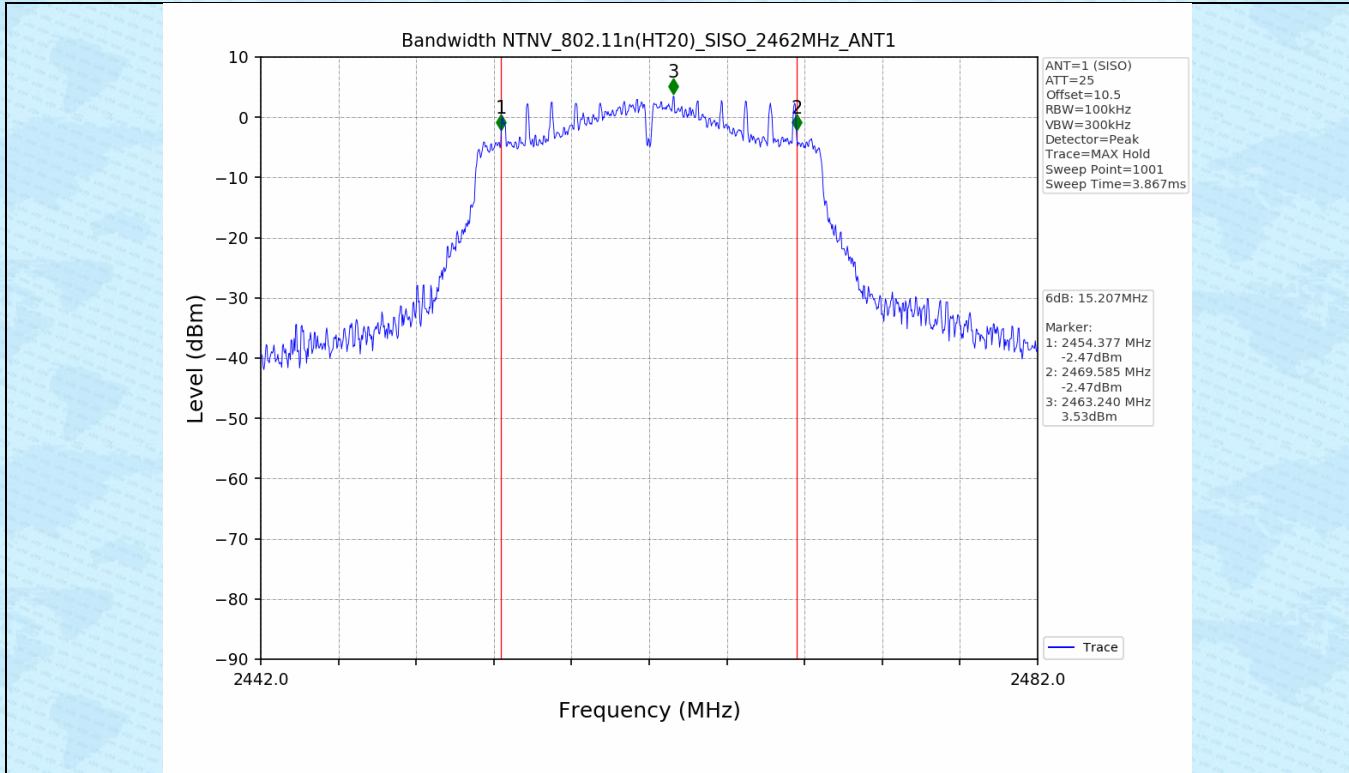
2.2 Test Graph - 6dB Bandwidth



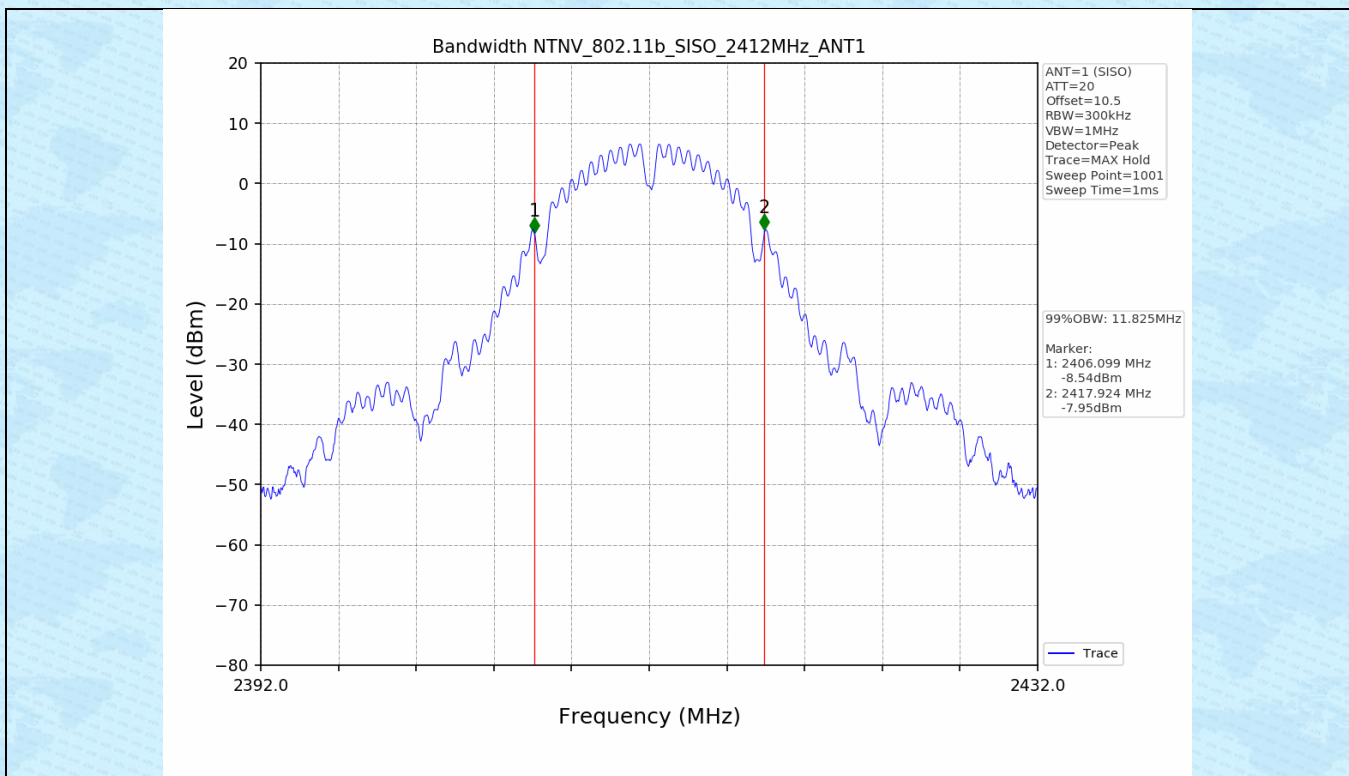


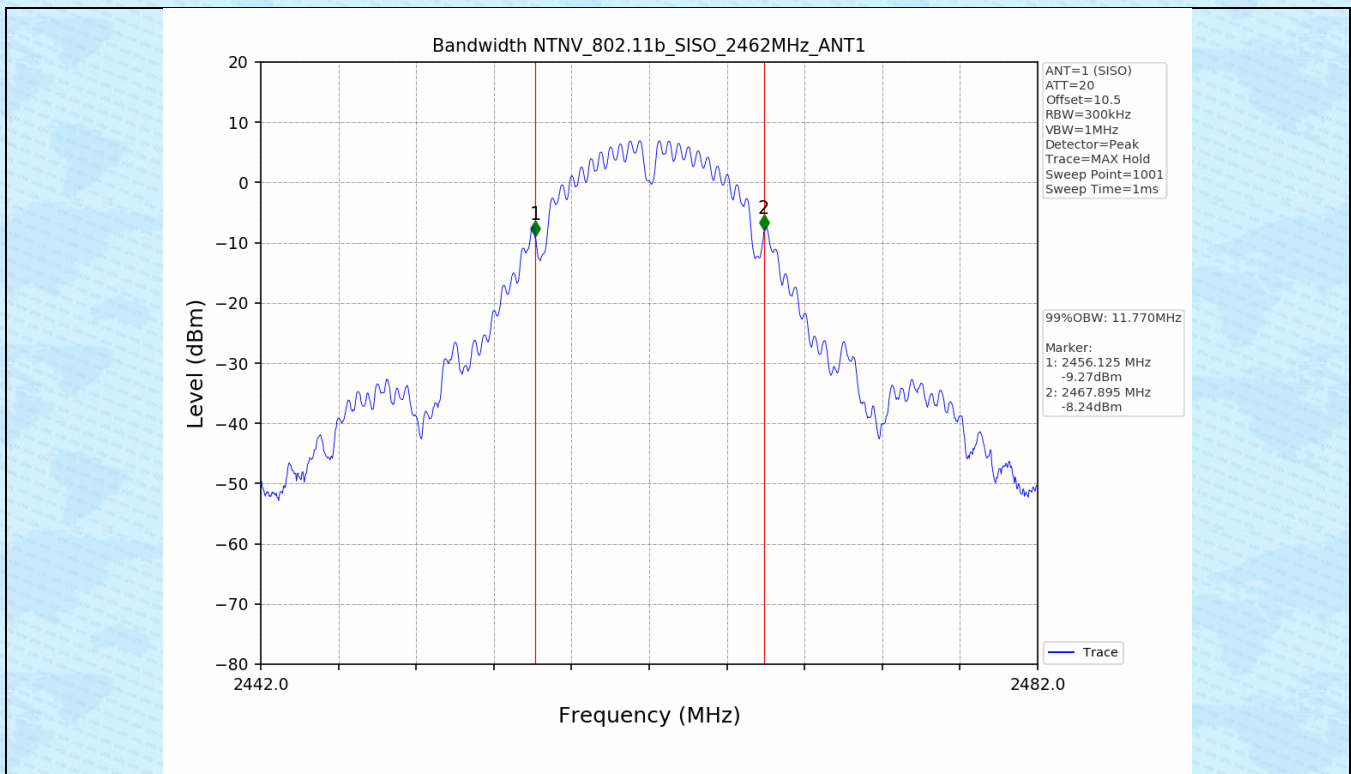
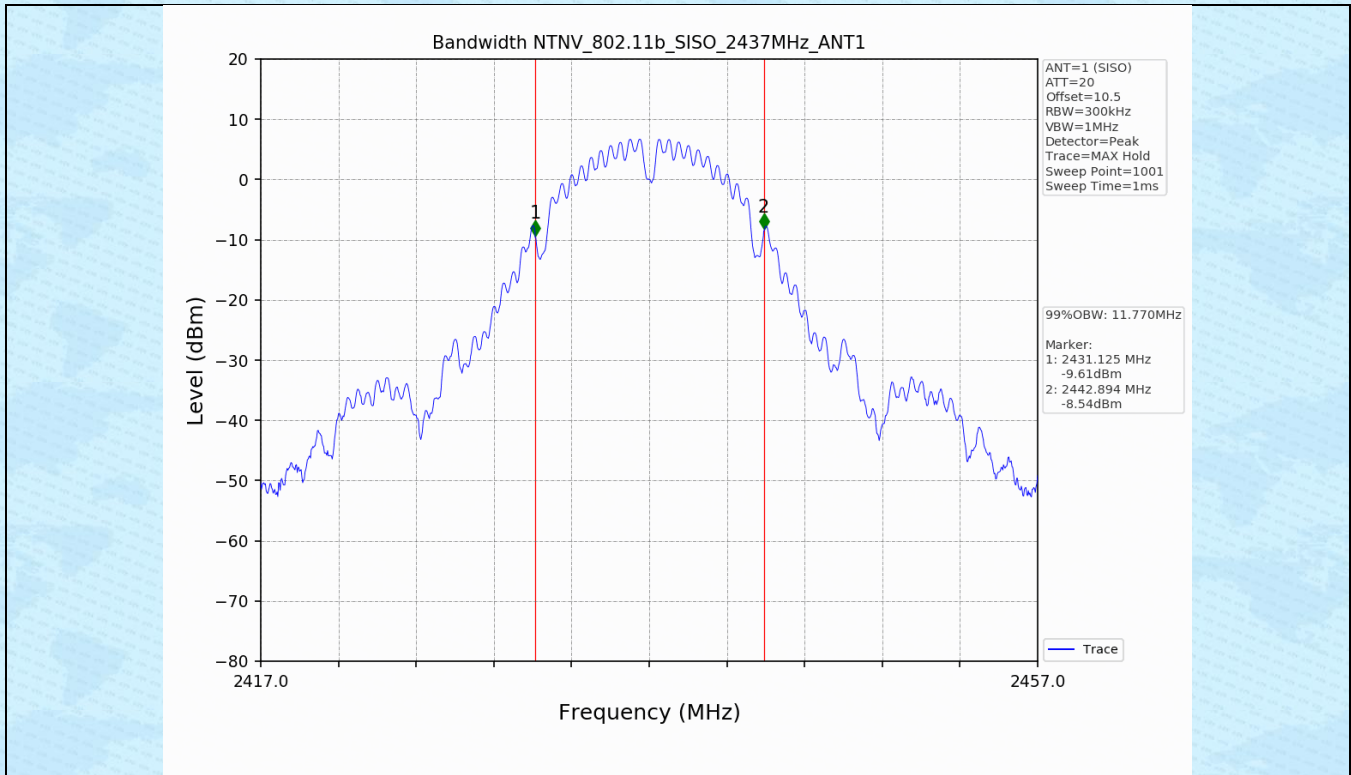


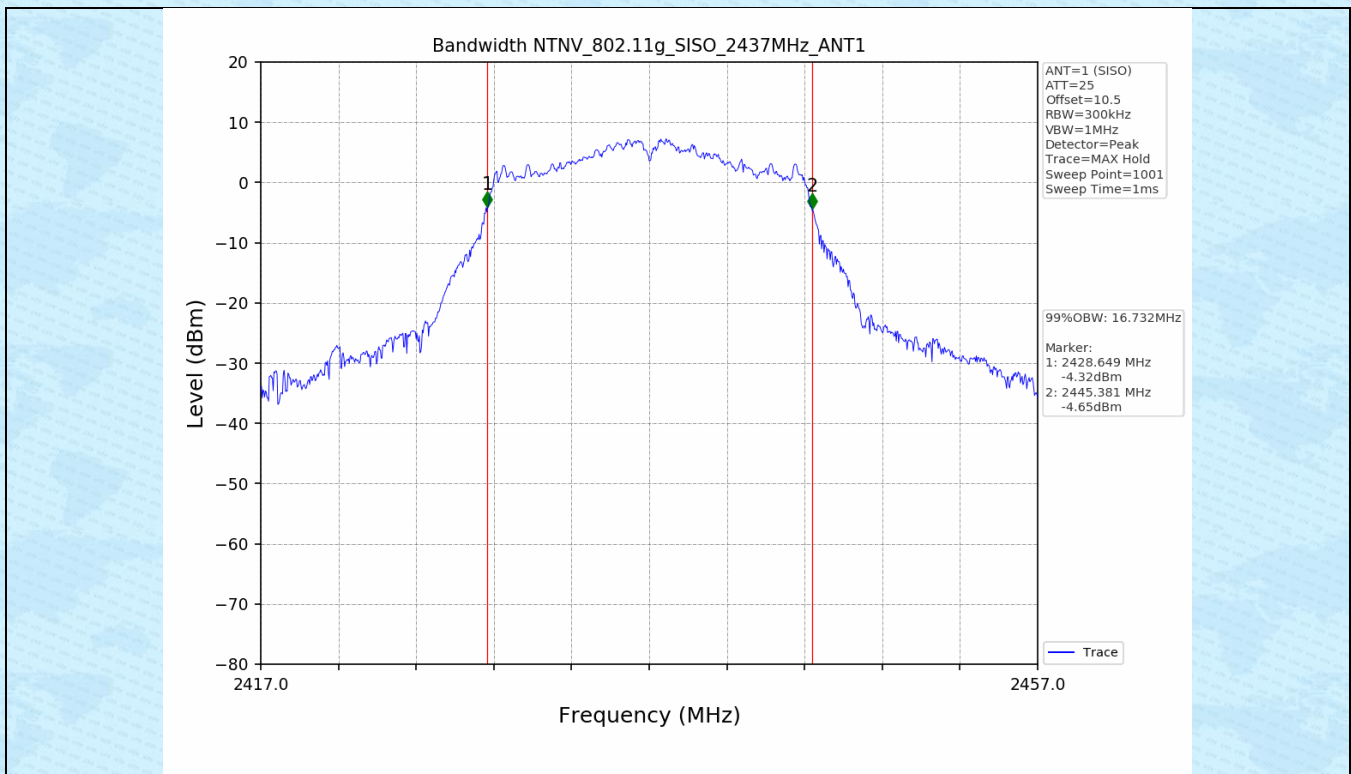
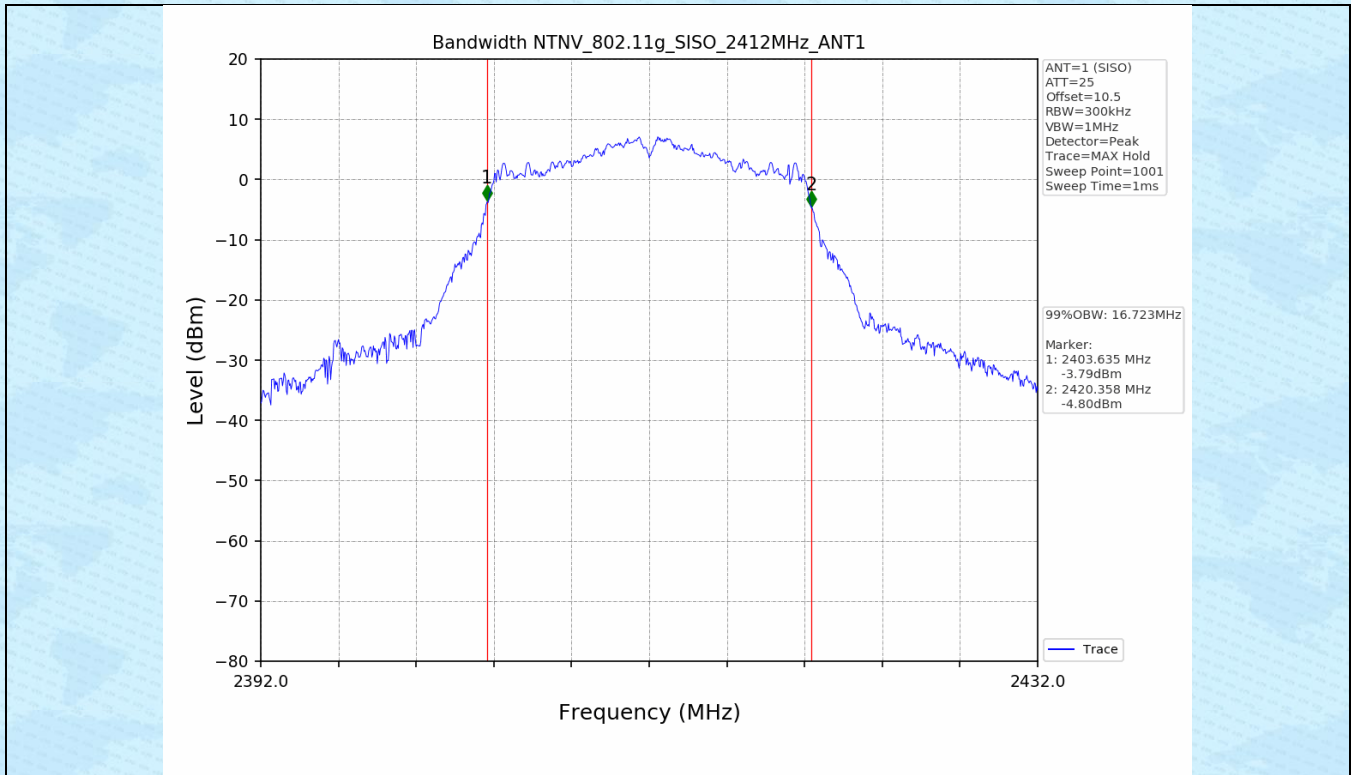


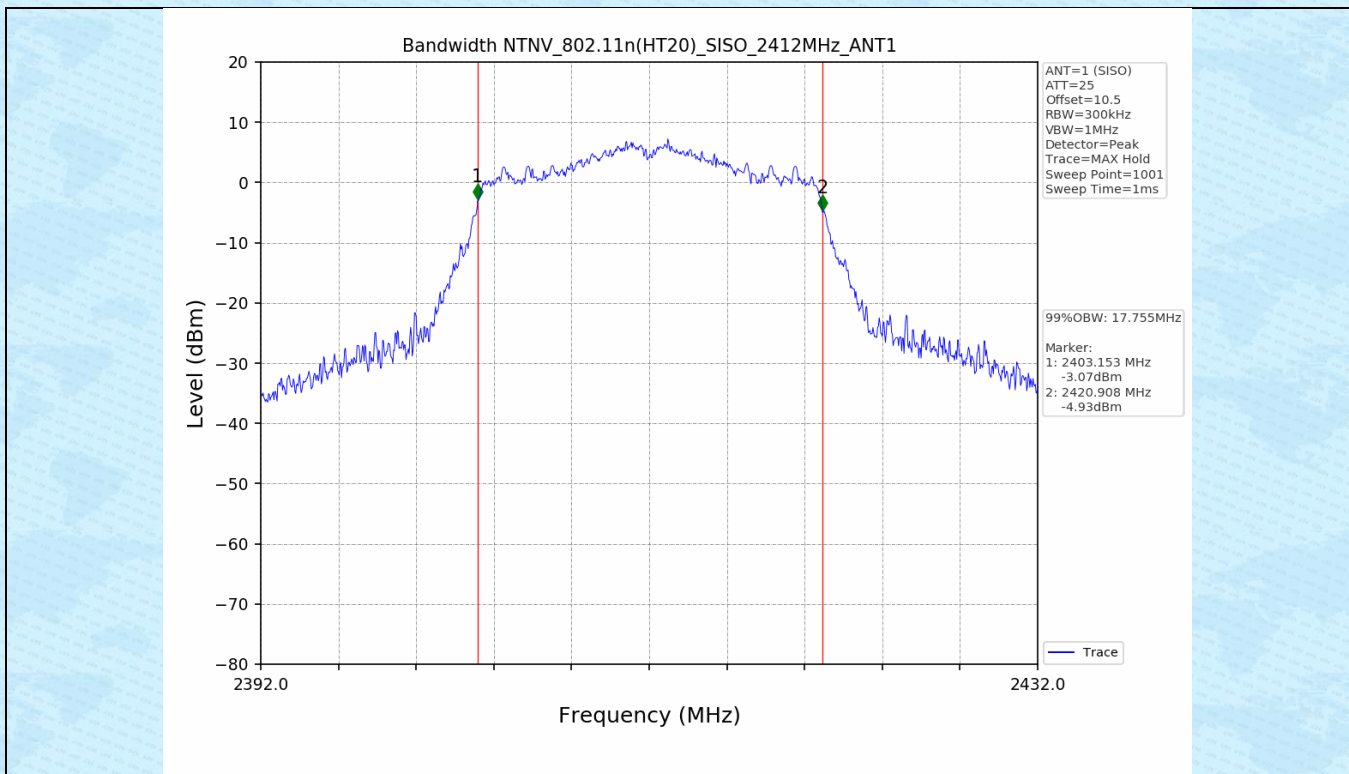
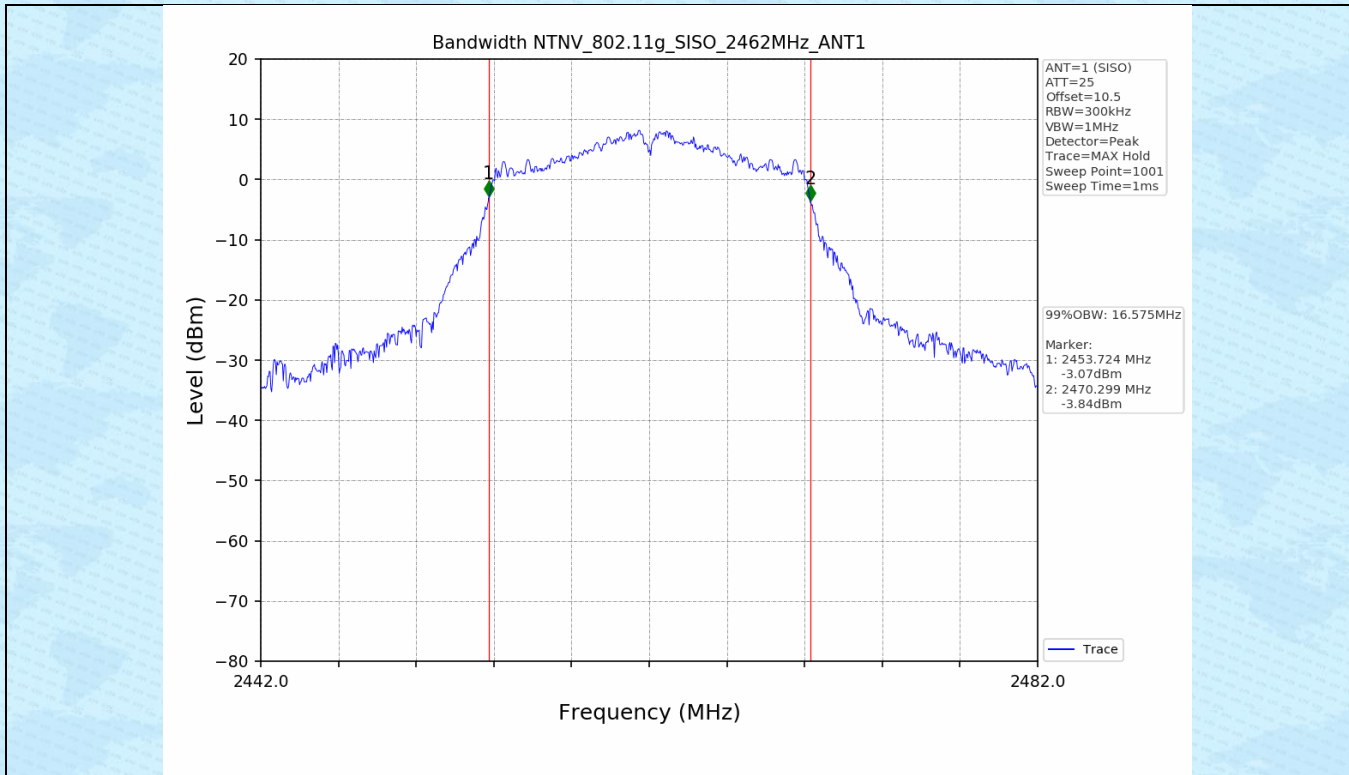


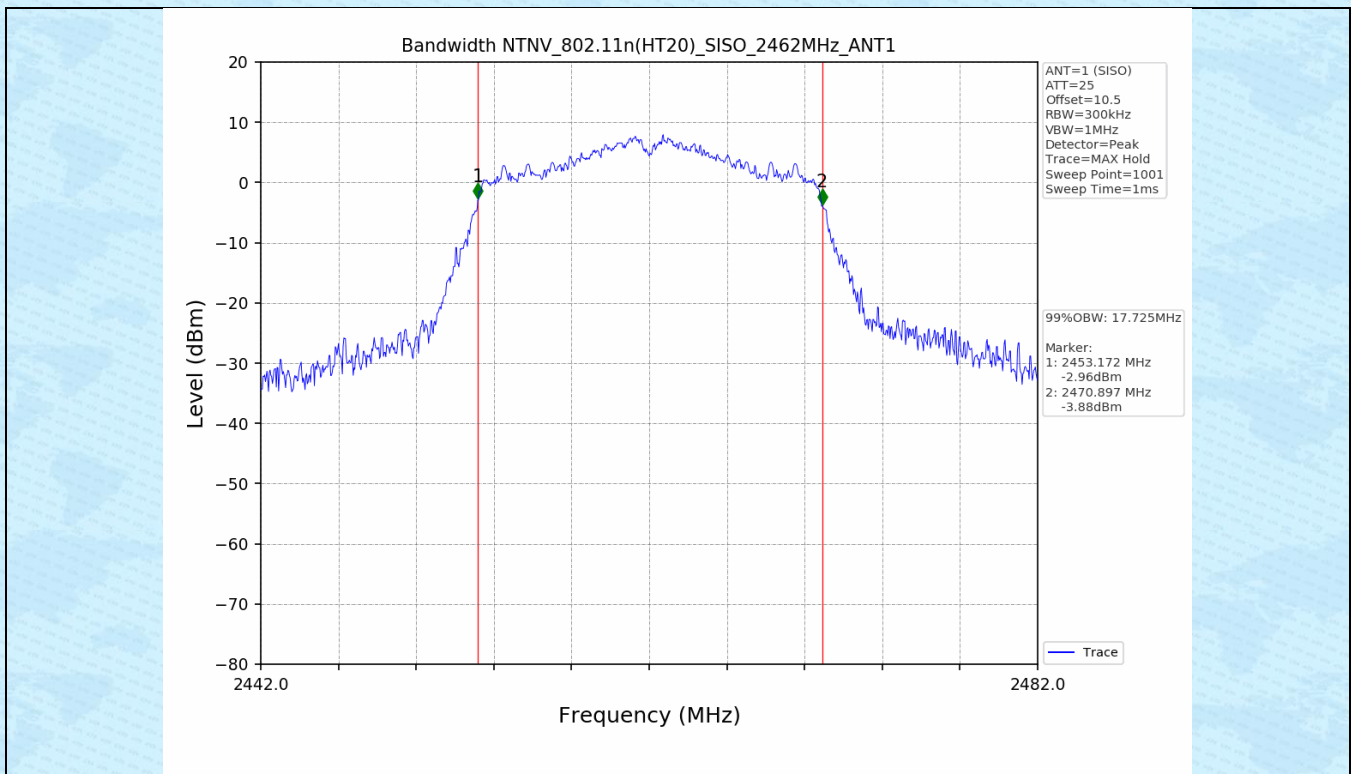
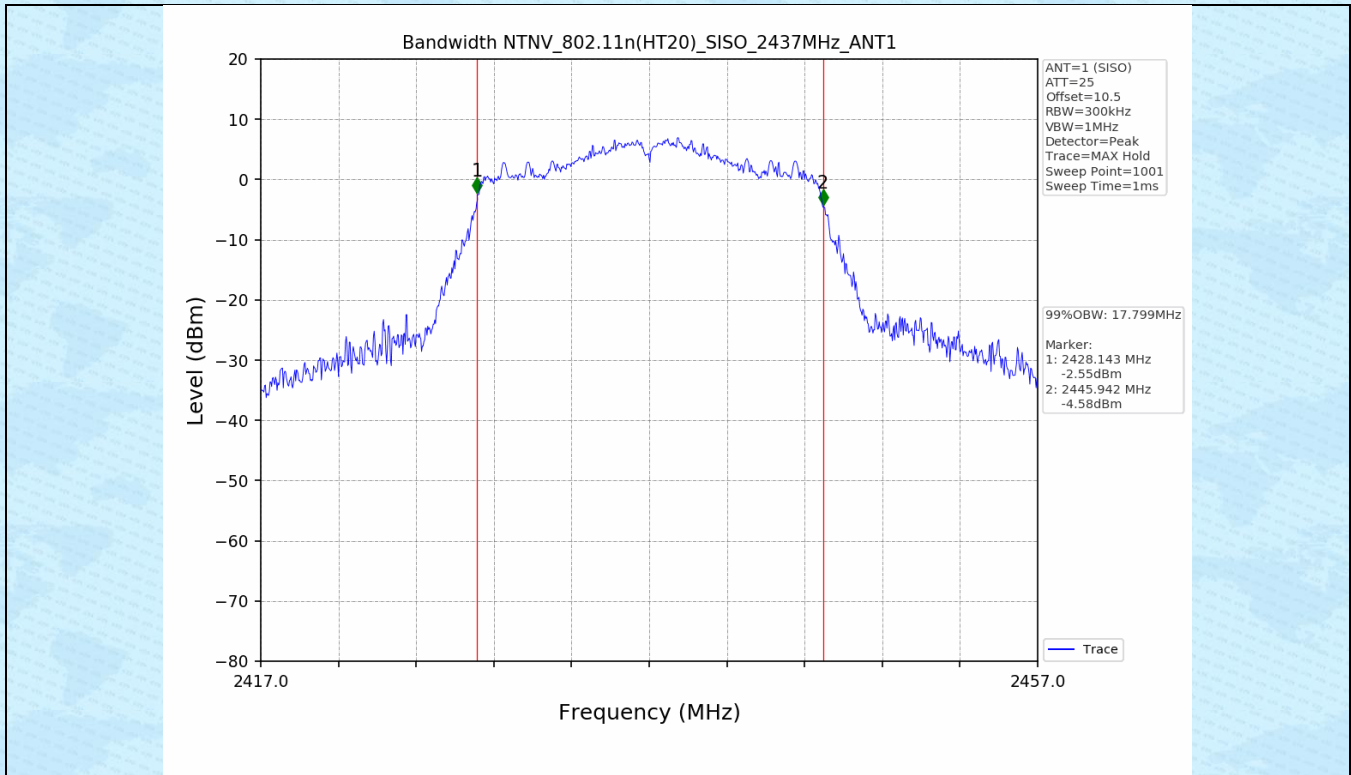
2.3 Test Graph - 99% Occupied Bandwidth











3. Maximum Conducted Output Power

3.1 Test Result

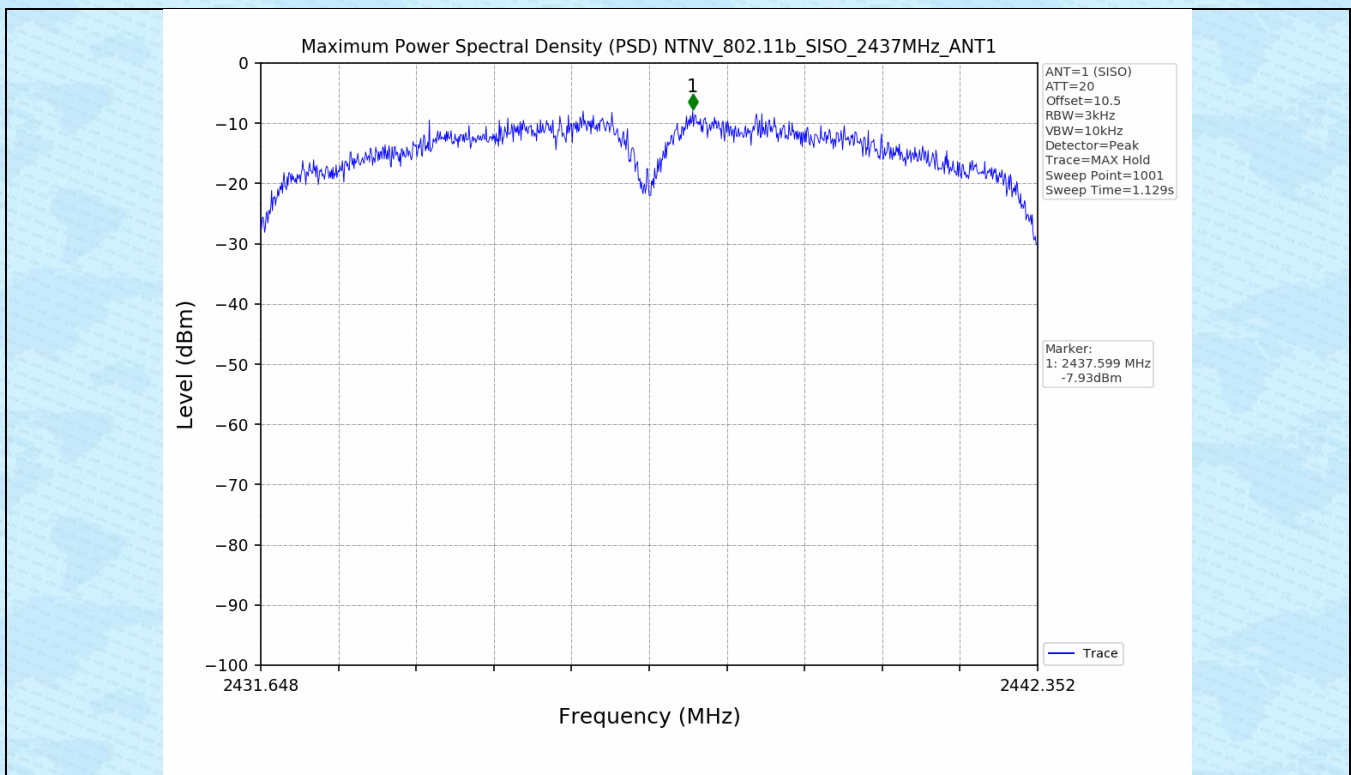
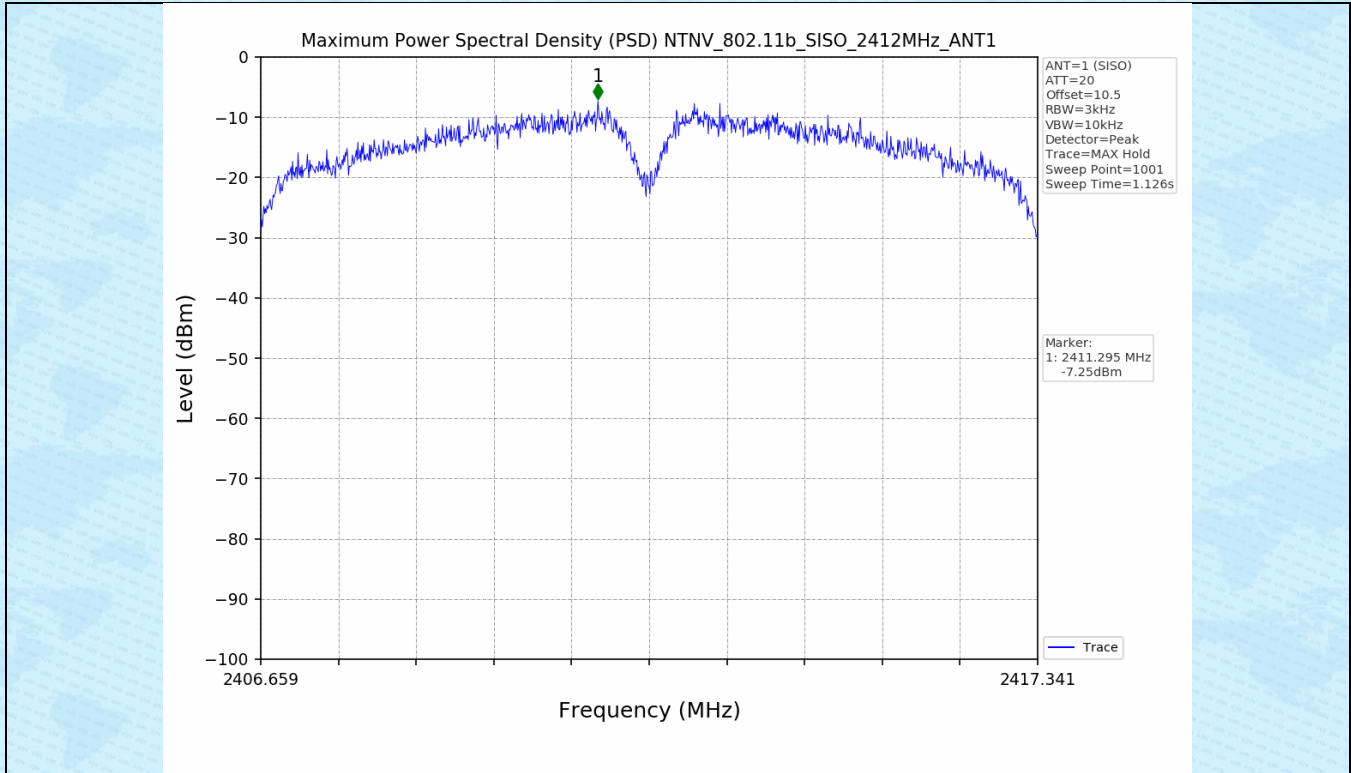
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	19.30	30	PASS
	2437	SISO	19.61	30	PASS
	2462	SISO	19.71	30	PASS
802.11g	2412	SISO	21.51	30	PASS
	2437	SISO	21.77	30	PASS
	2462	SISO	22.46	30	PASS
802.11n(HT20)	2412	SISO	20.92	30	PASS
	2437	SISO	21.25	30	PASS
	2462	SISO	21.73	30	PASS

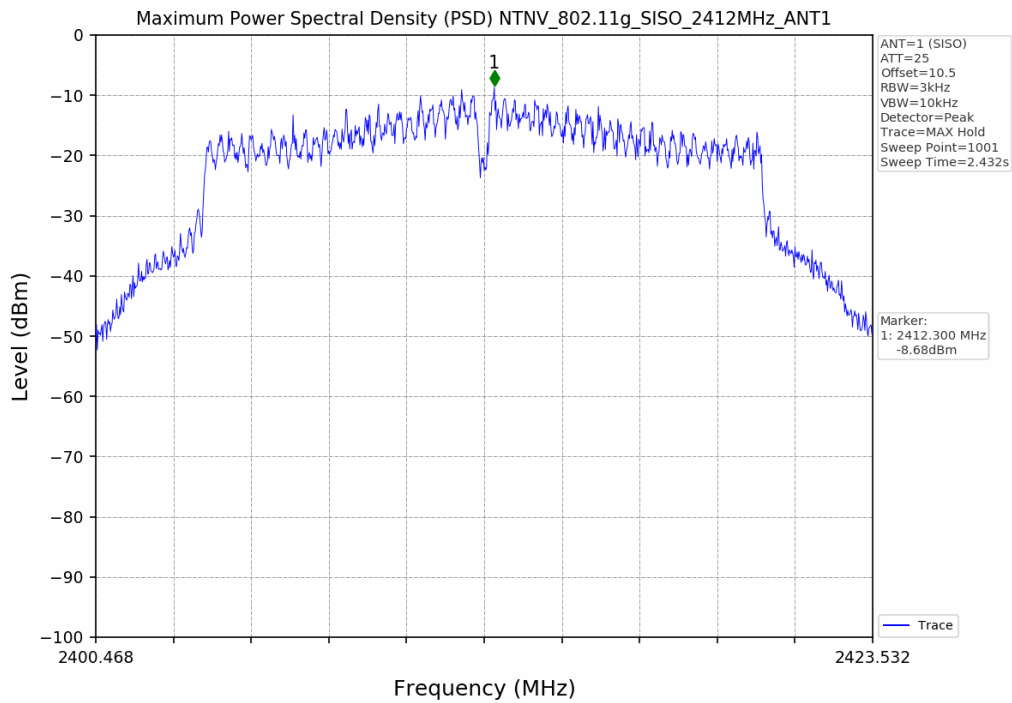
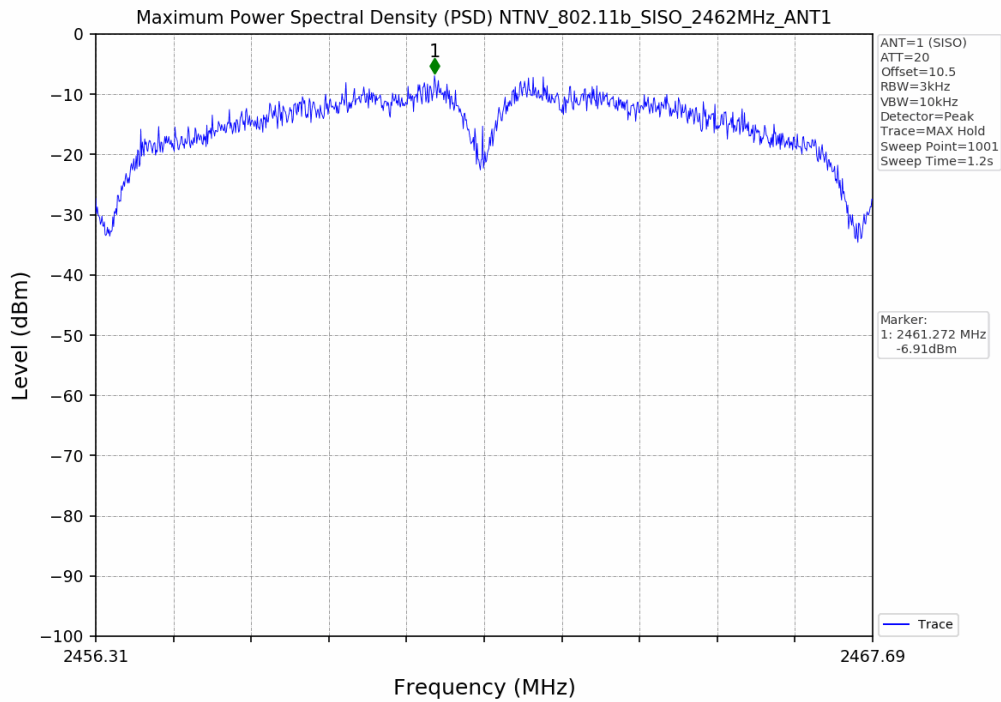
4. Maximum Power Spectral Density (PSD)

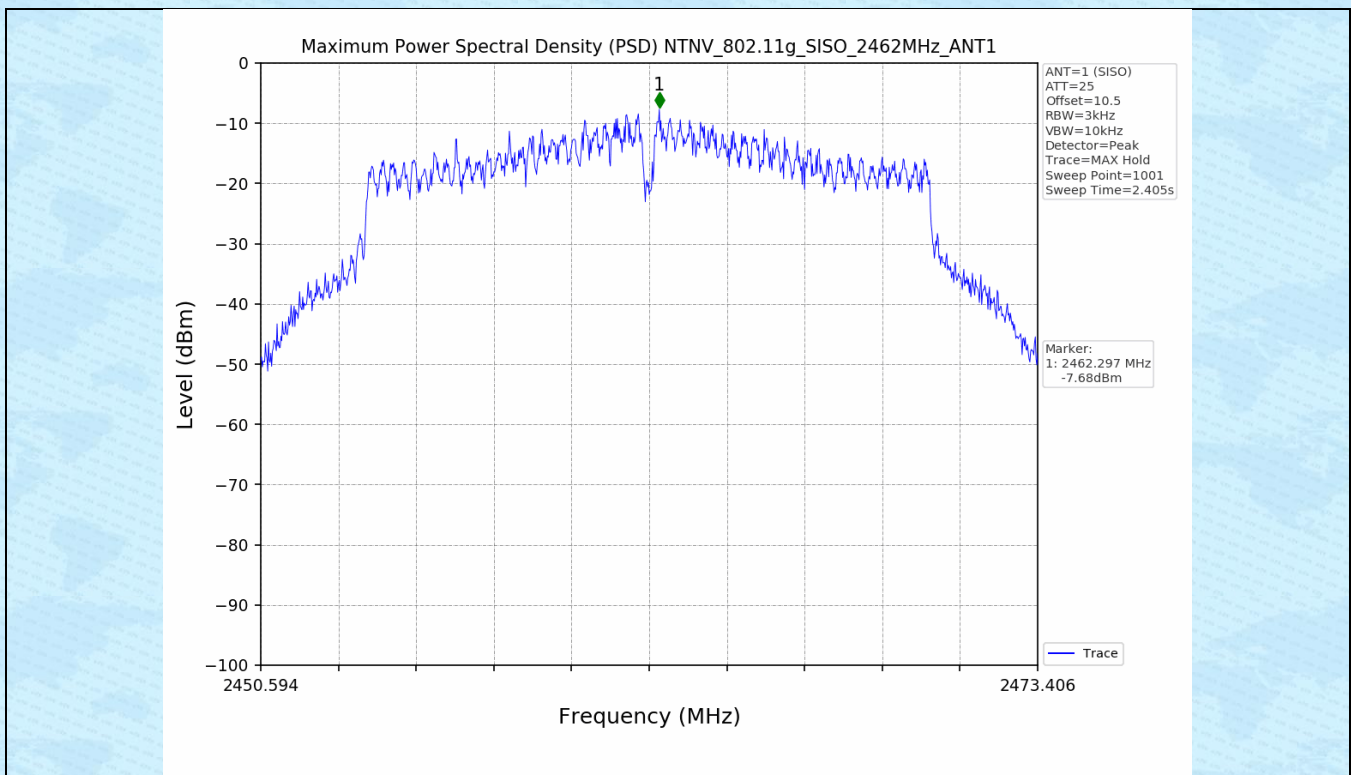
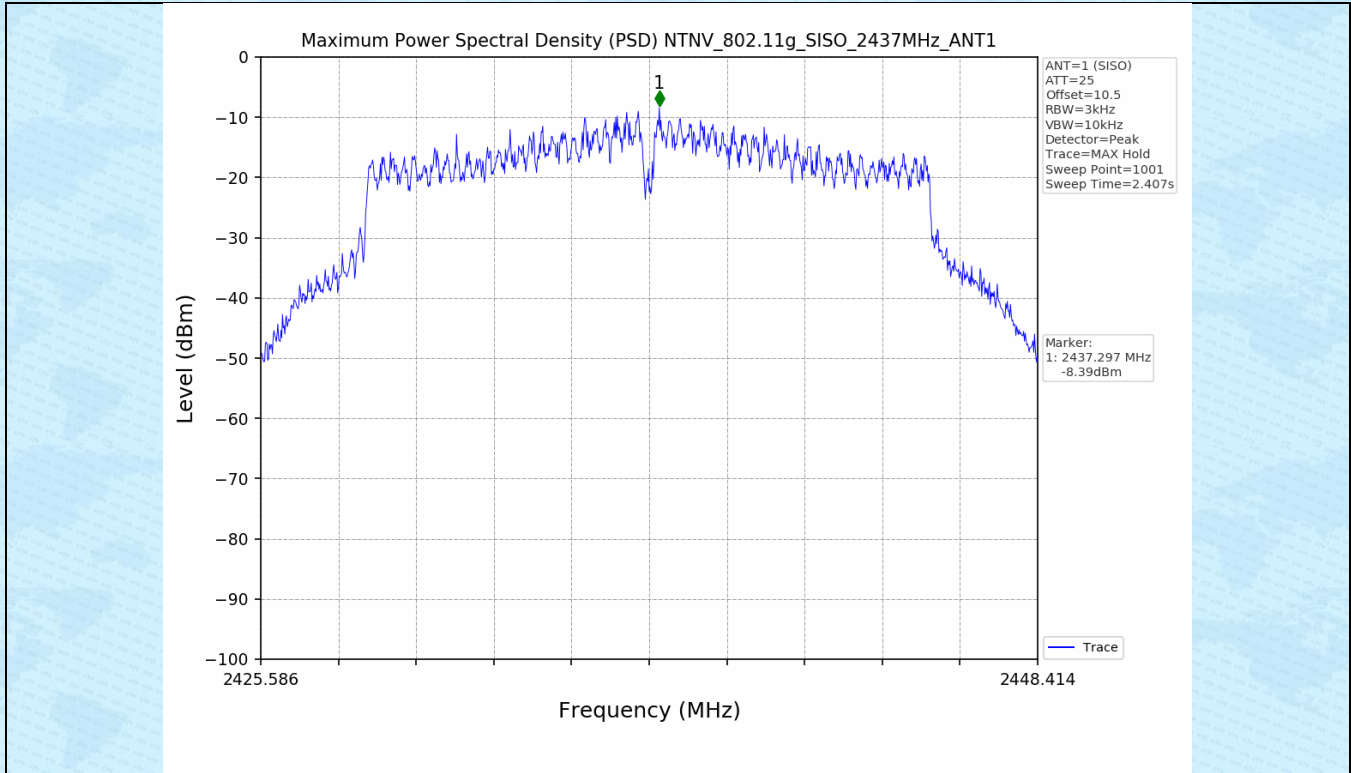
4.1 Test Result

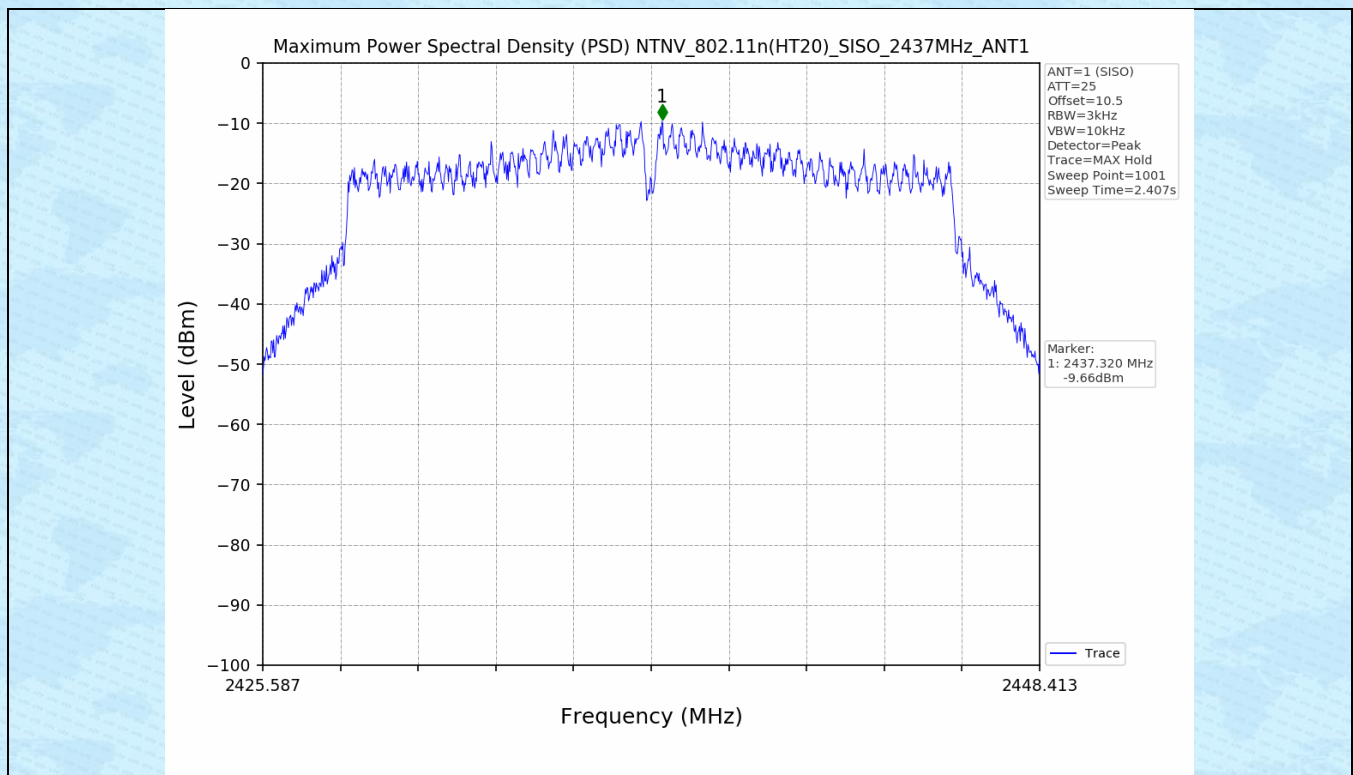
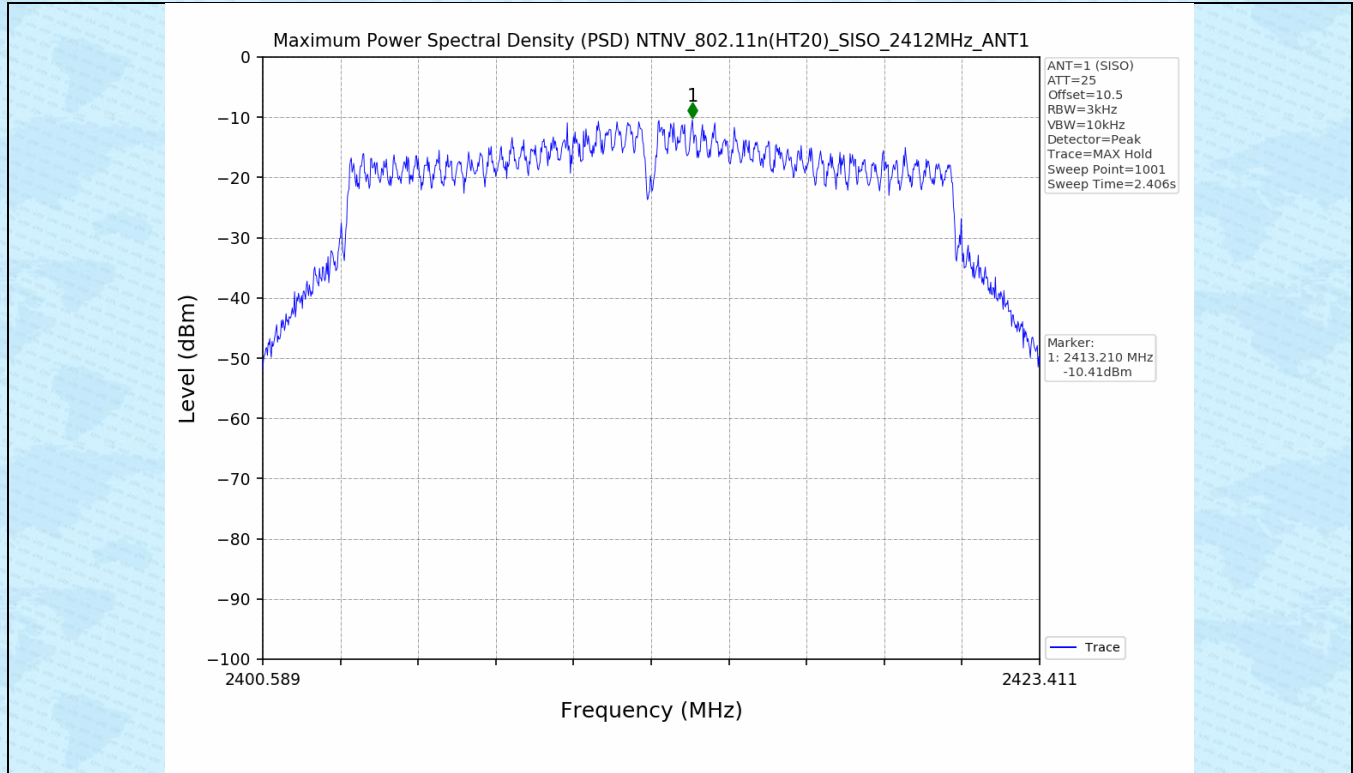
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
802.11b	2412	SISO	-7.25	≤8	PASS
	2437	SISO	-7.93	≤8	PASS
	2462	SISO	-6.91	≤8	PASS
802.11g	2412	SISO	-8.68	≤8	PASS
	2437	SISO	-8.39	≤8	PASS
	2462	SISO	-7.68	≤8	PASS
802.11n(HT20)	2412	SISO	-10.41	≤8	PASS
	2437	SISO	-9.66	≤8	PASS
	2462	SISO	-7.65	≤8	PASS

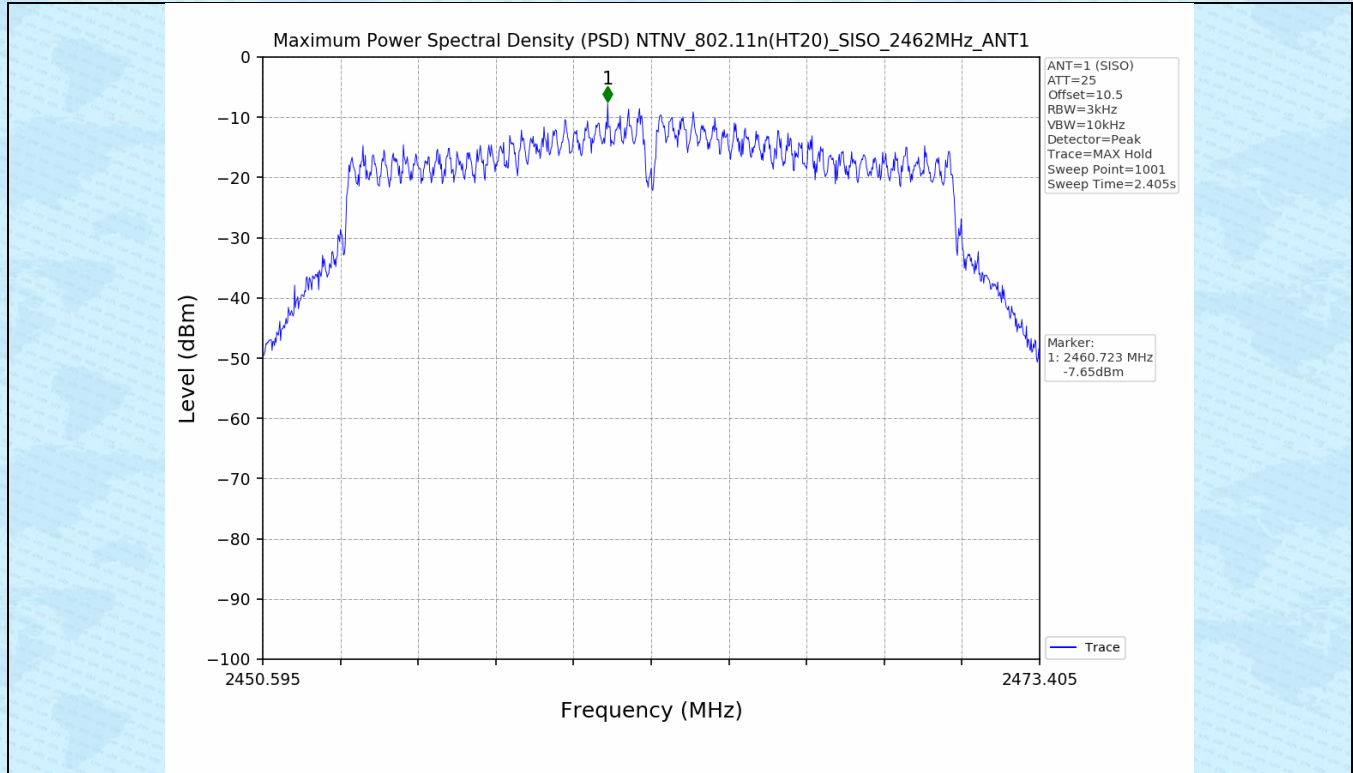
4.2 Test Graph









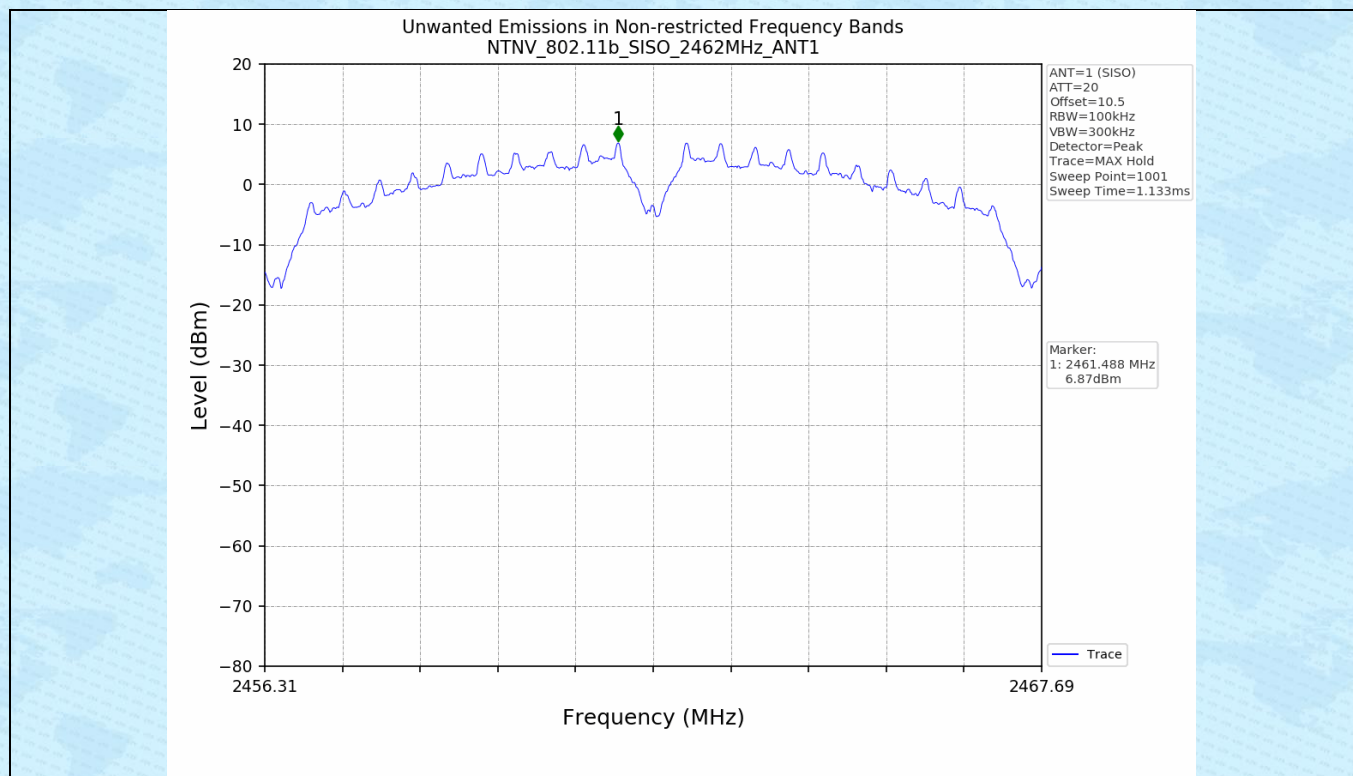


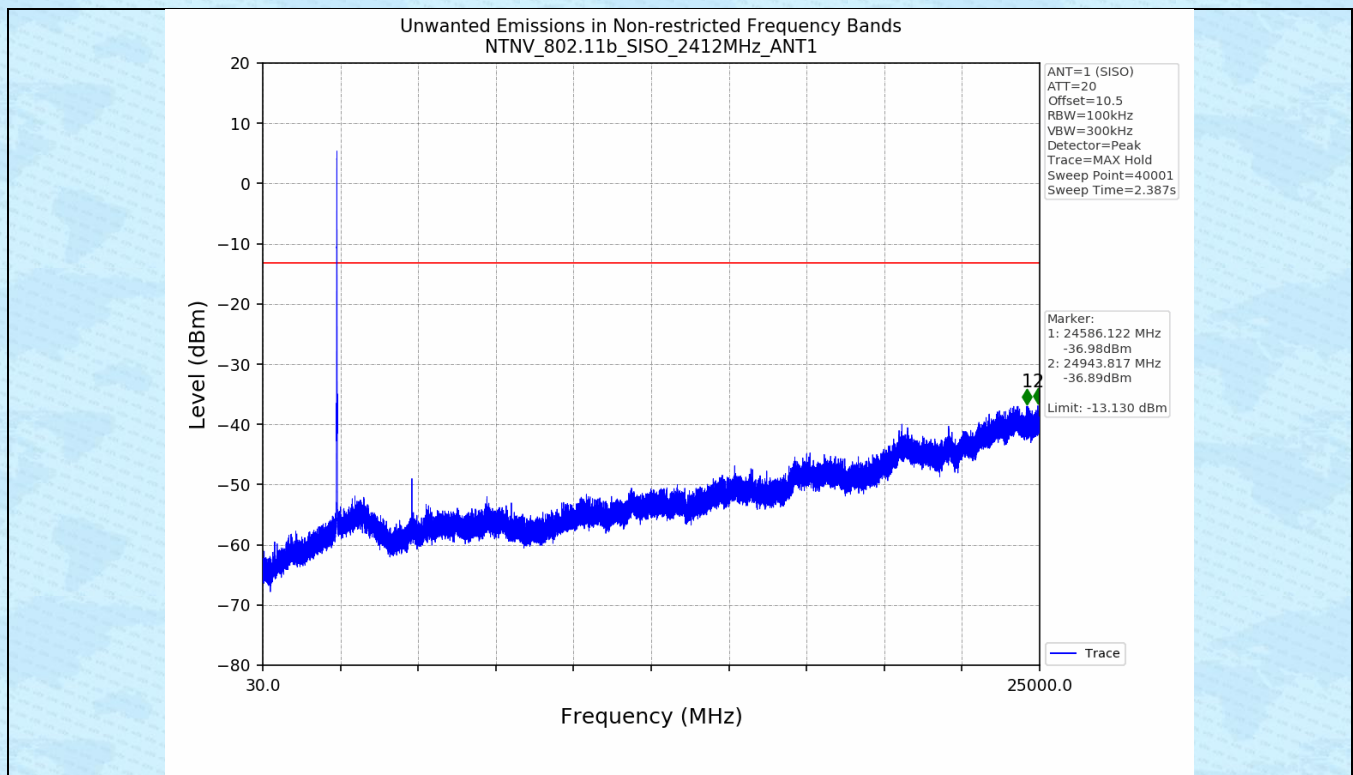
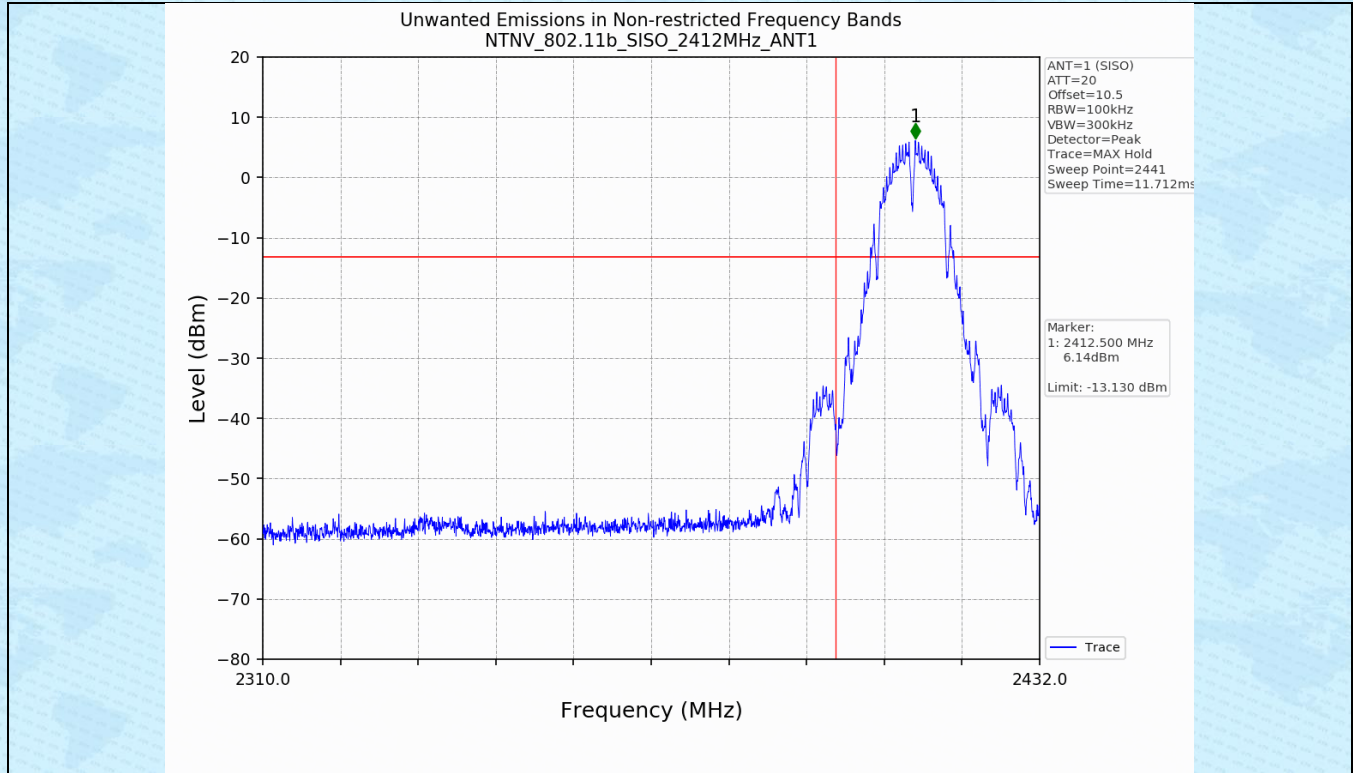
5. Unwanted Emissions in Non-restricted Frequency Bands

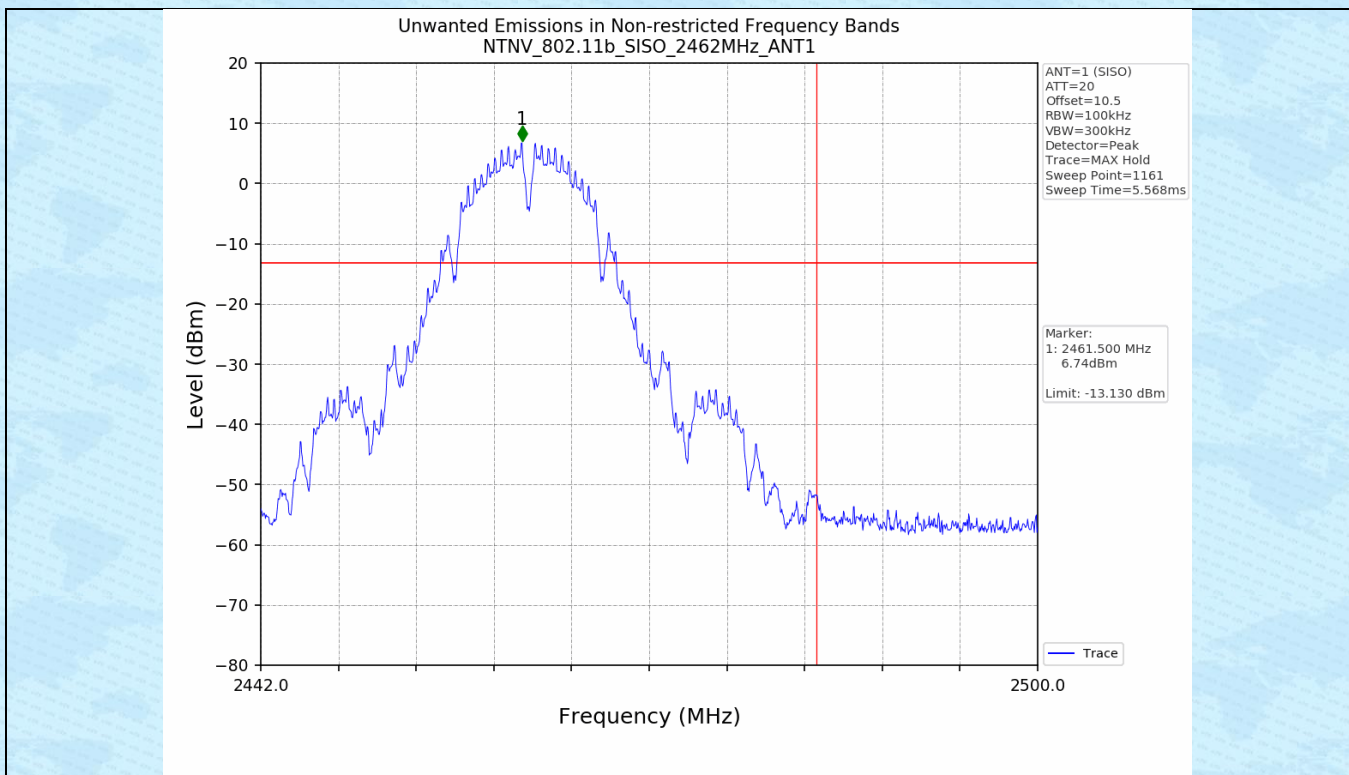
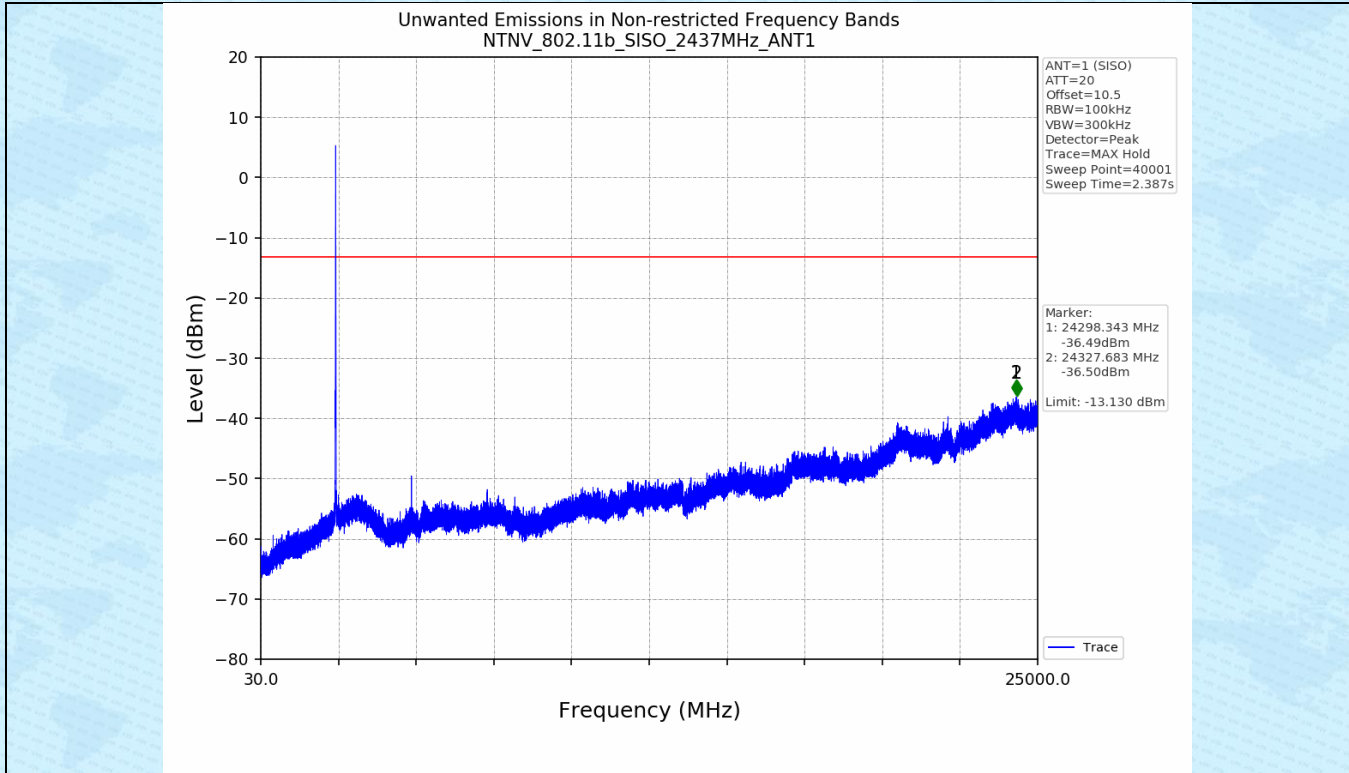
5.1 Test Result

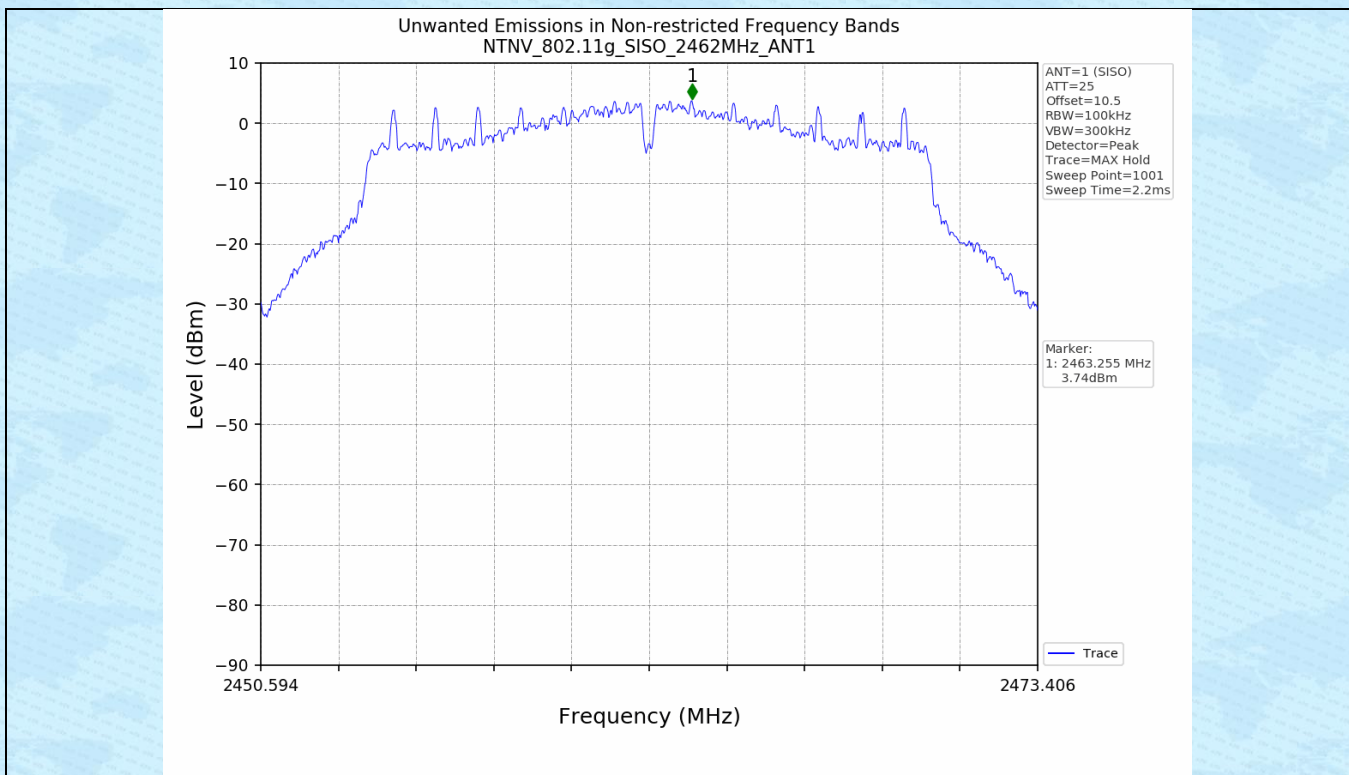
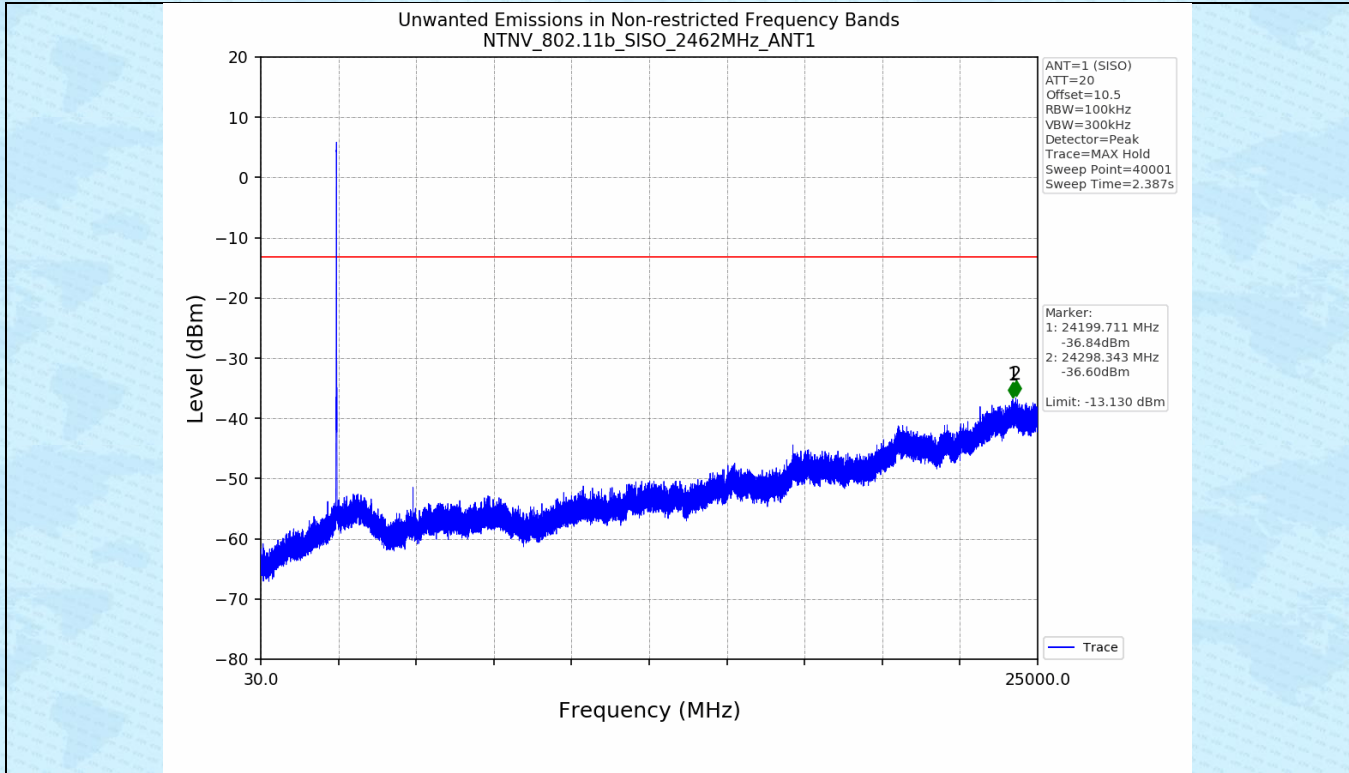
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	1	Refer to test graph	-13.13	PASS
	2437	SISO	1	Refer to test graph	-13.13	PASS
	2462	SISO	1	Refer to test graph	-13.13	PASS
802.11g	2412	SISO	1	Refer to test graph	-16.26	PASS
	2437	SISO	1	Refer to test graph	-16.26	PASS
	2462	SISO	1	Refer to test graph	-16.26	PASS
802.11n(HT20)	2412	SISO	1	Refer to test graph	-16.47	PASS
	2437	SISO	1	Refer to test graph	-16.47	PASS
	2462	SISO	1	Refer to test graph	-16.47	PASS

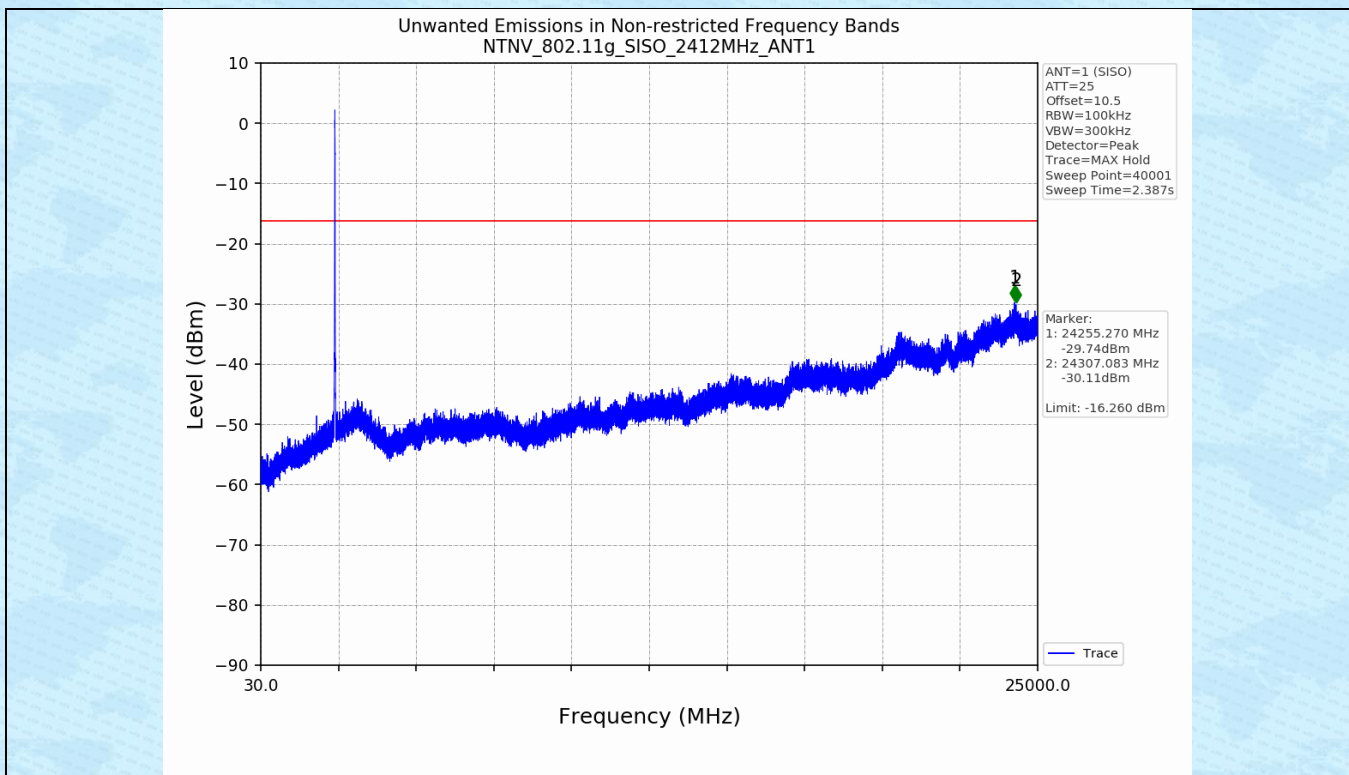
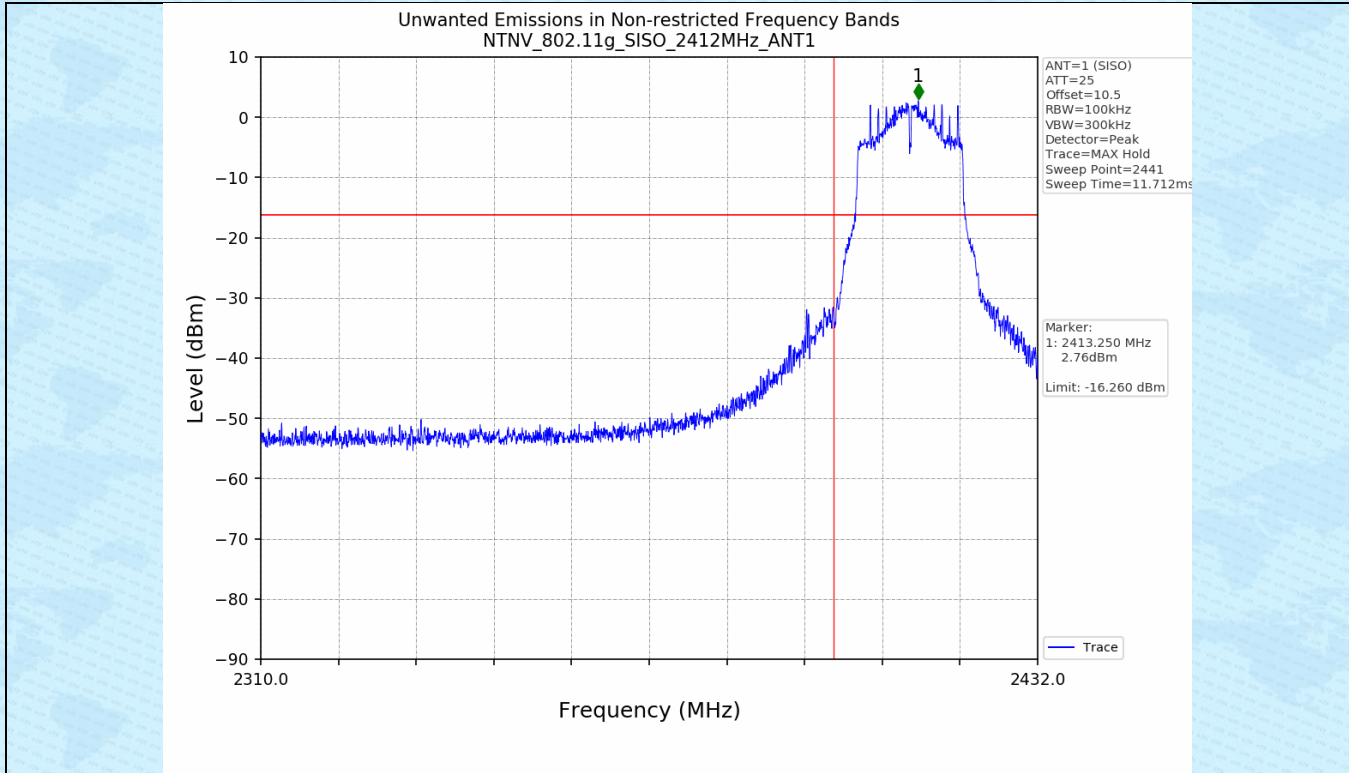
5.2 Test Graph

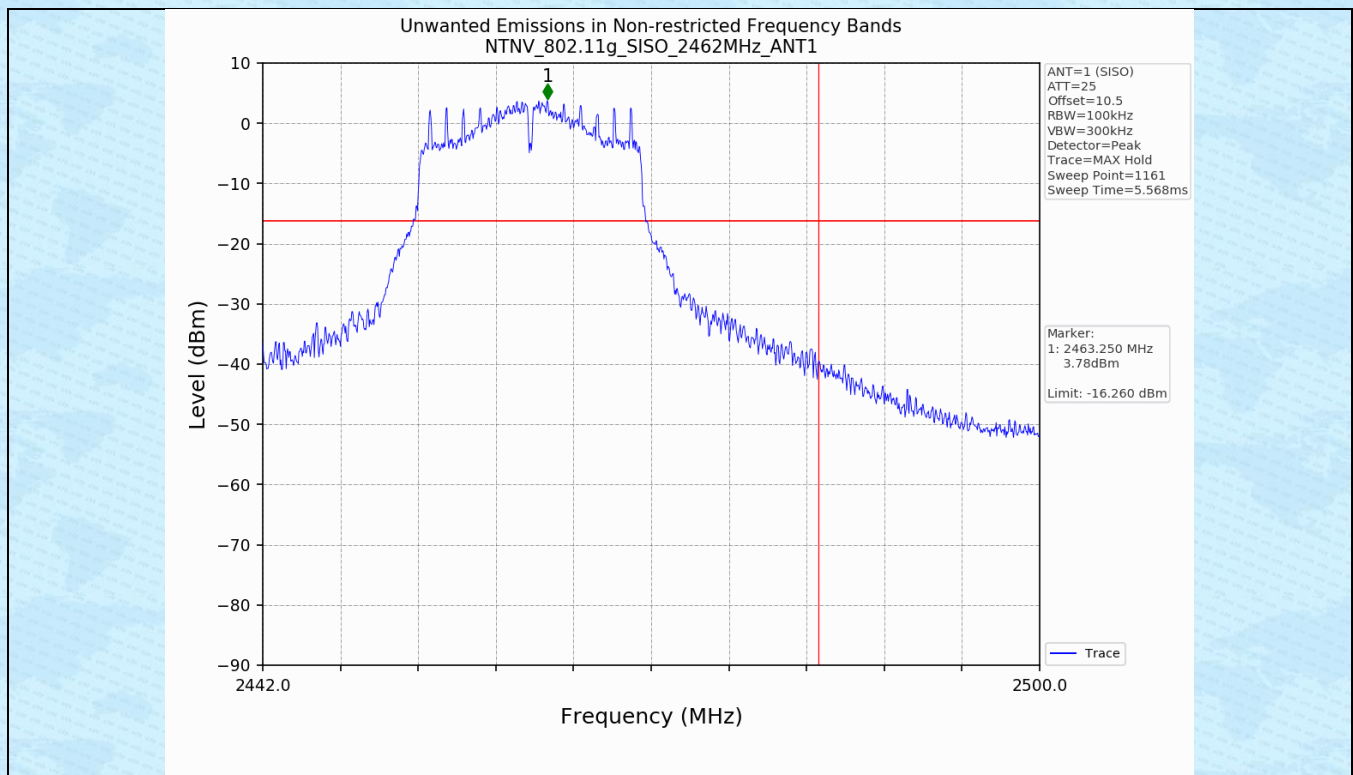
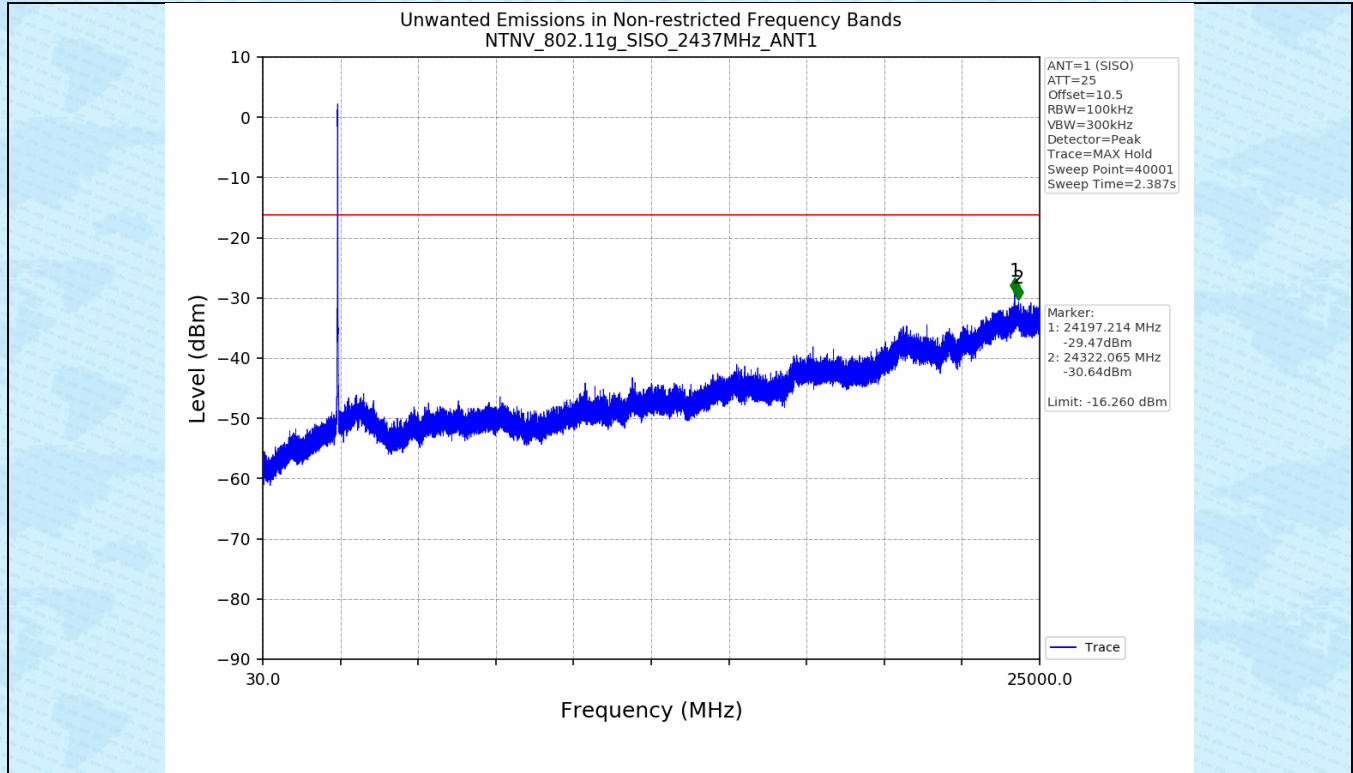


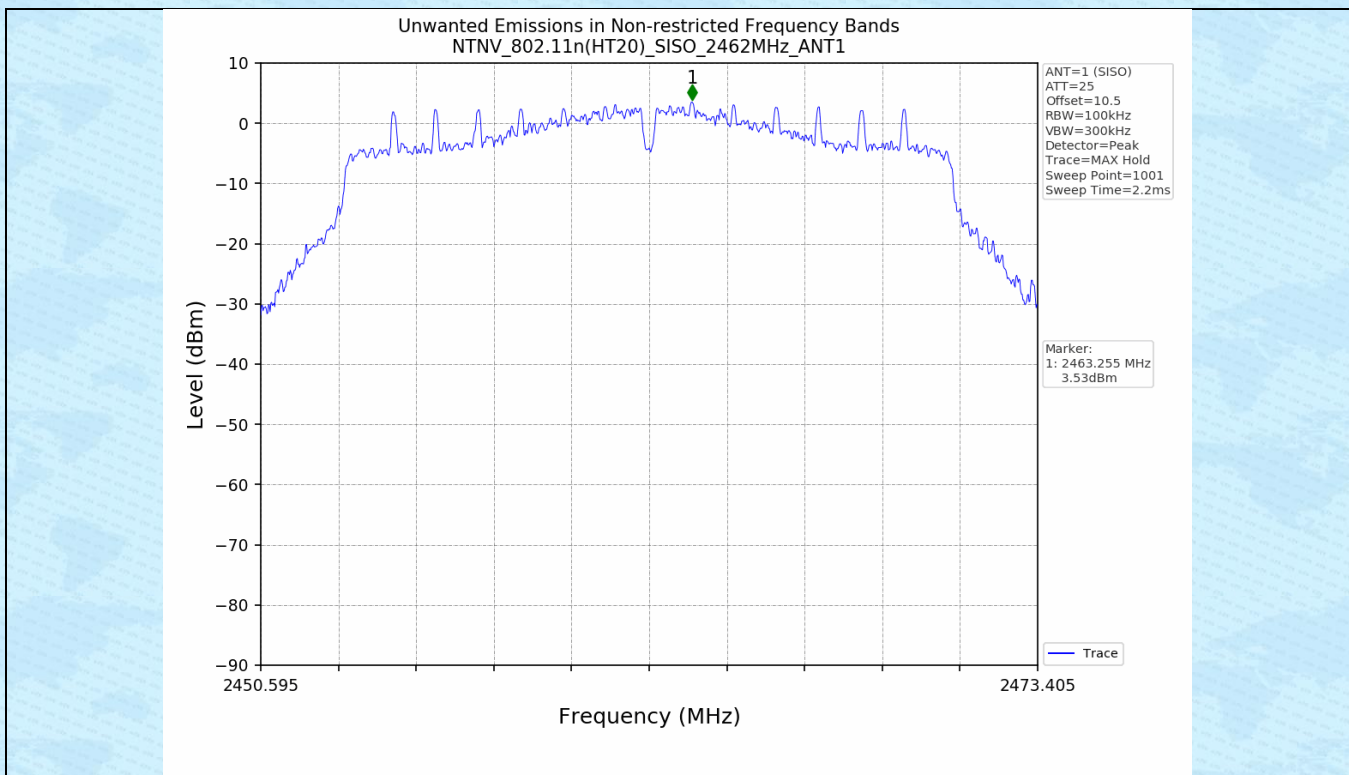
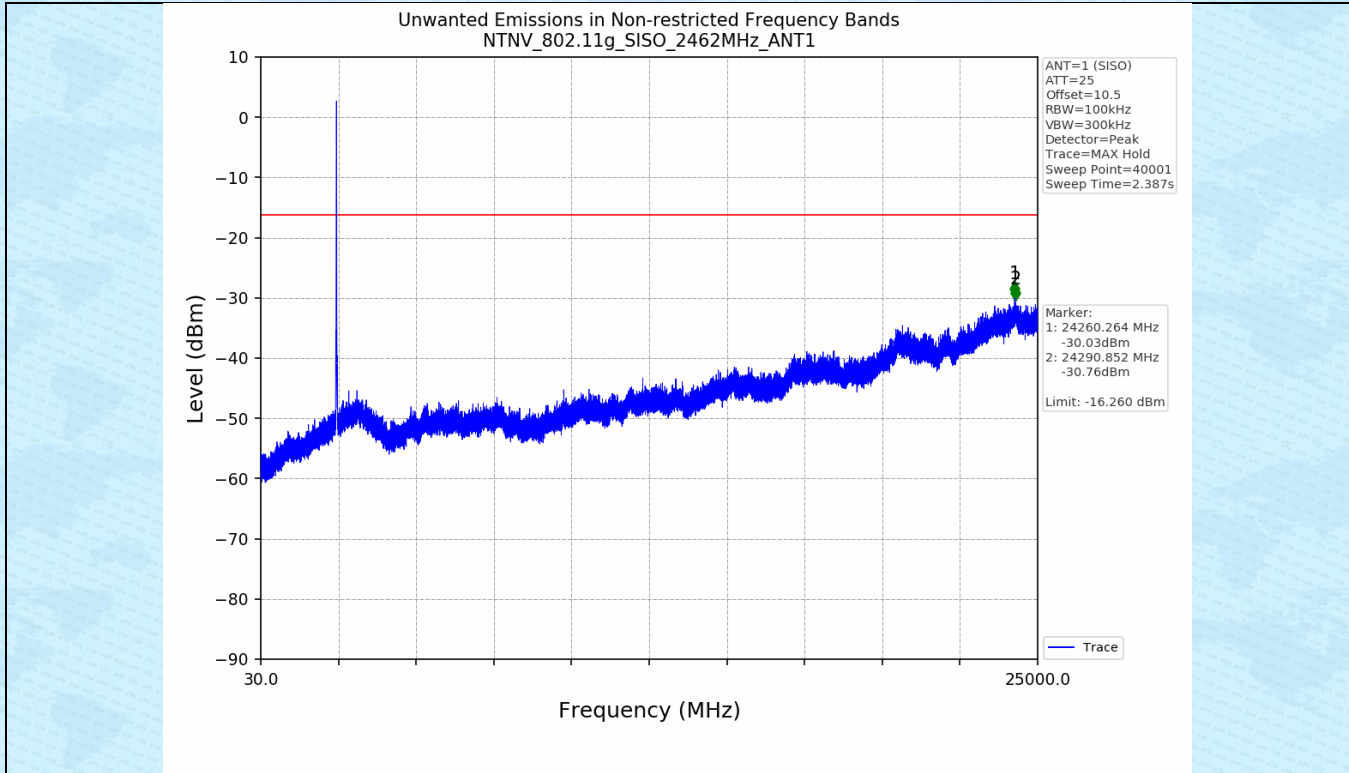


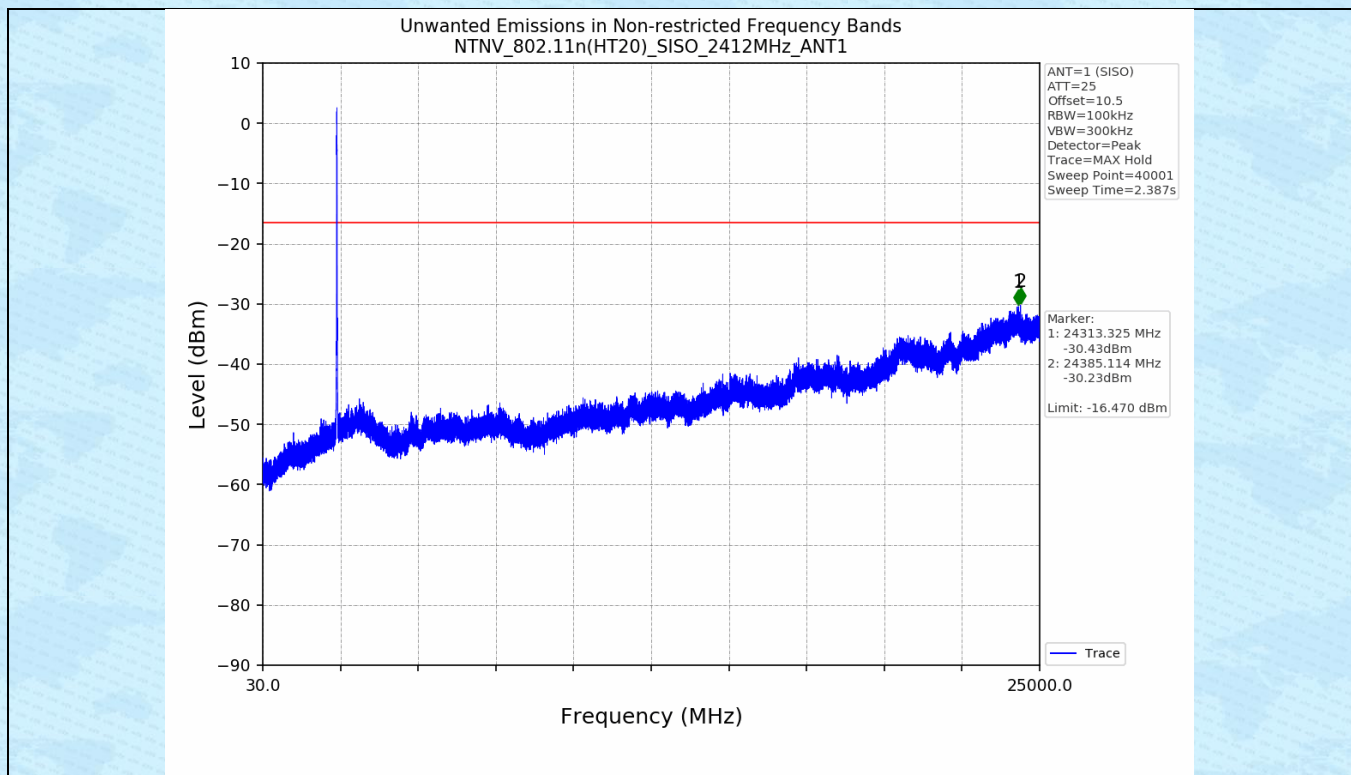
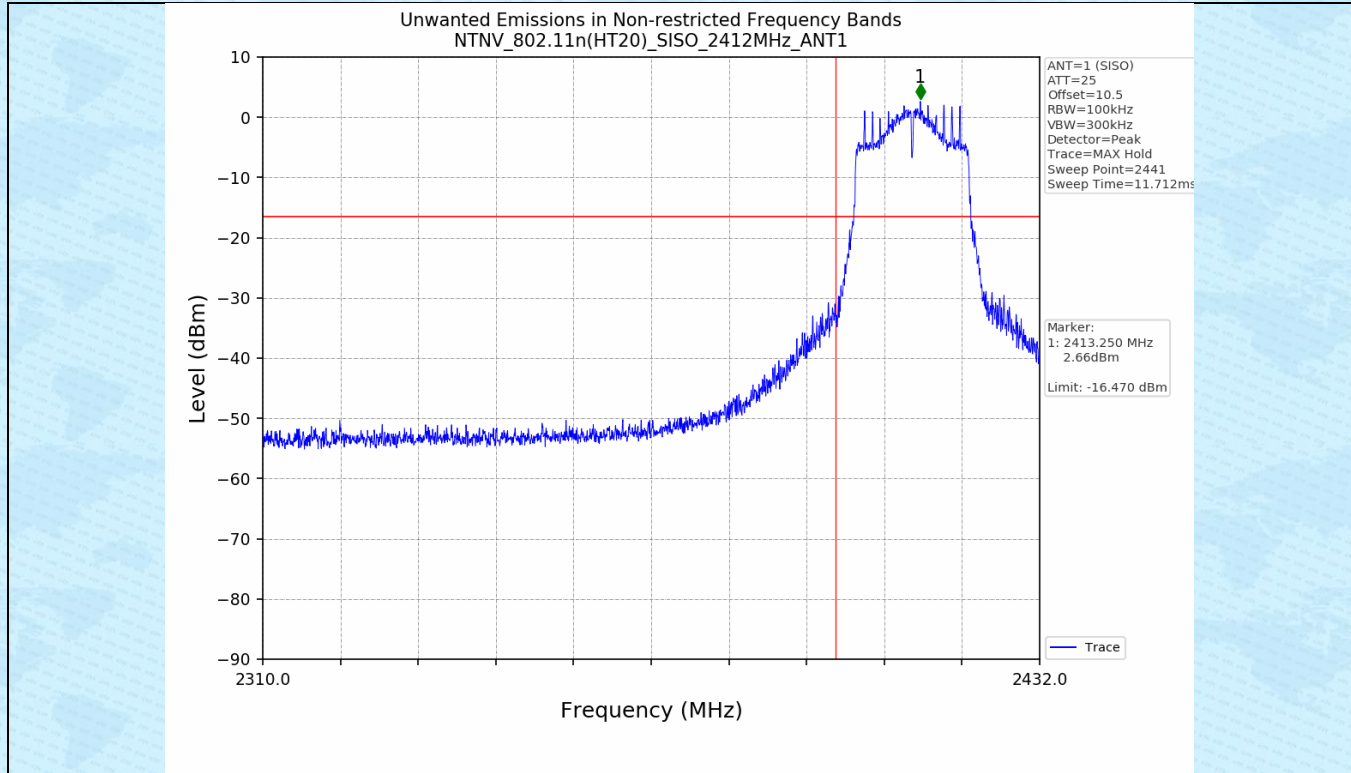


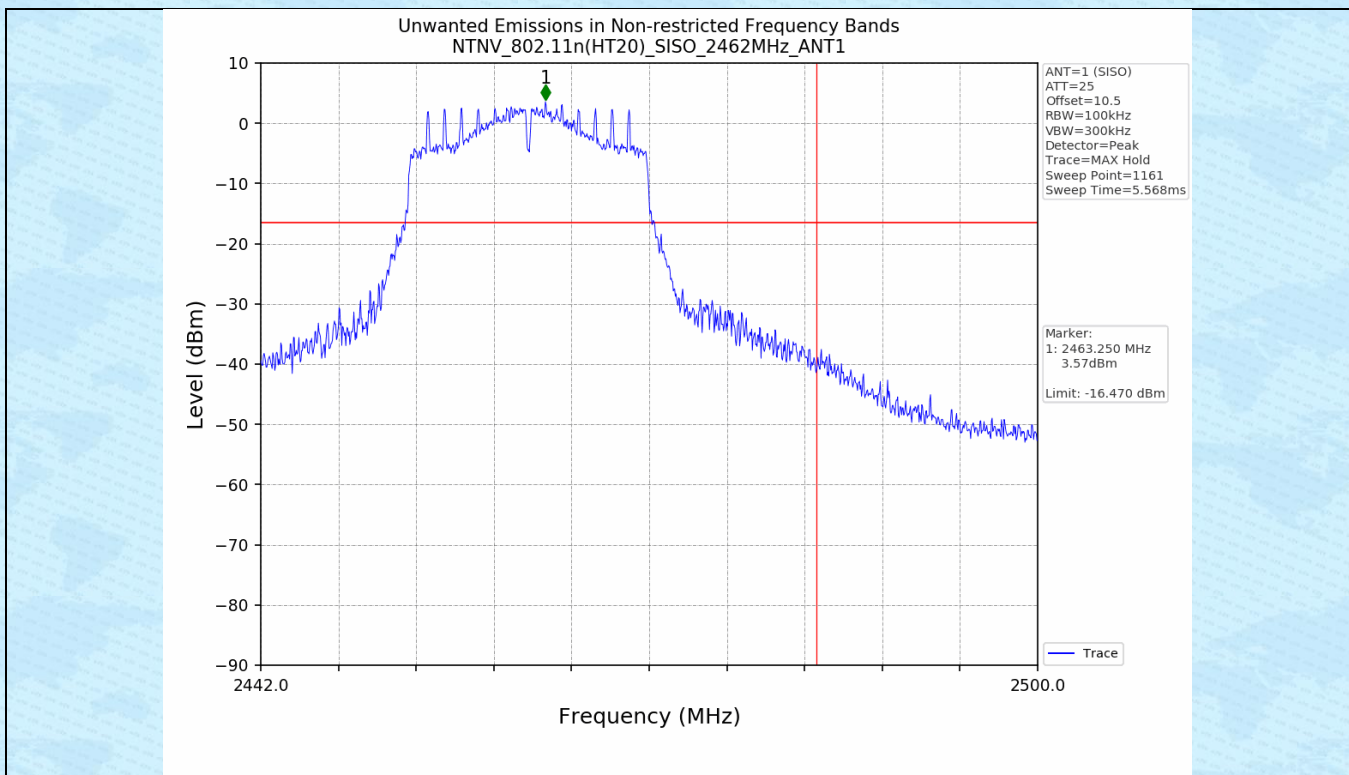
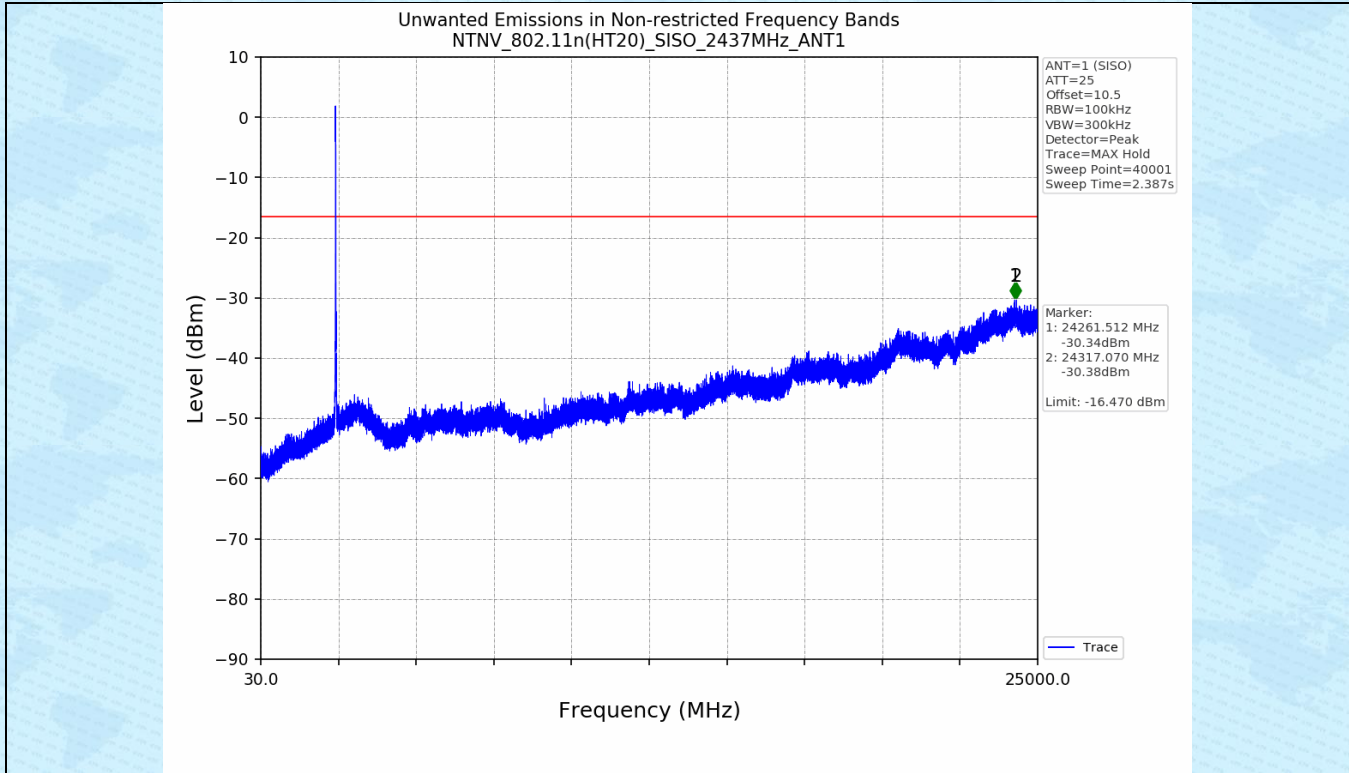


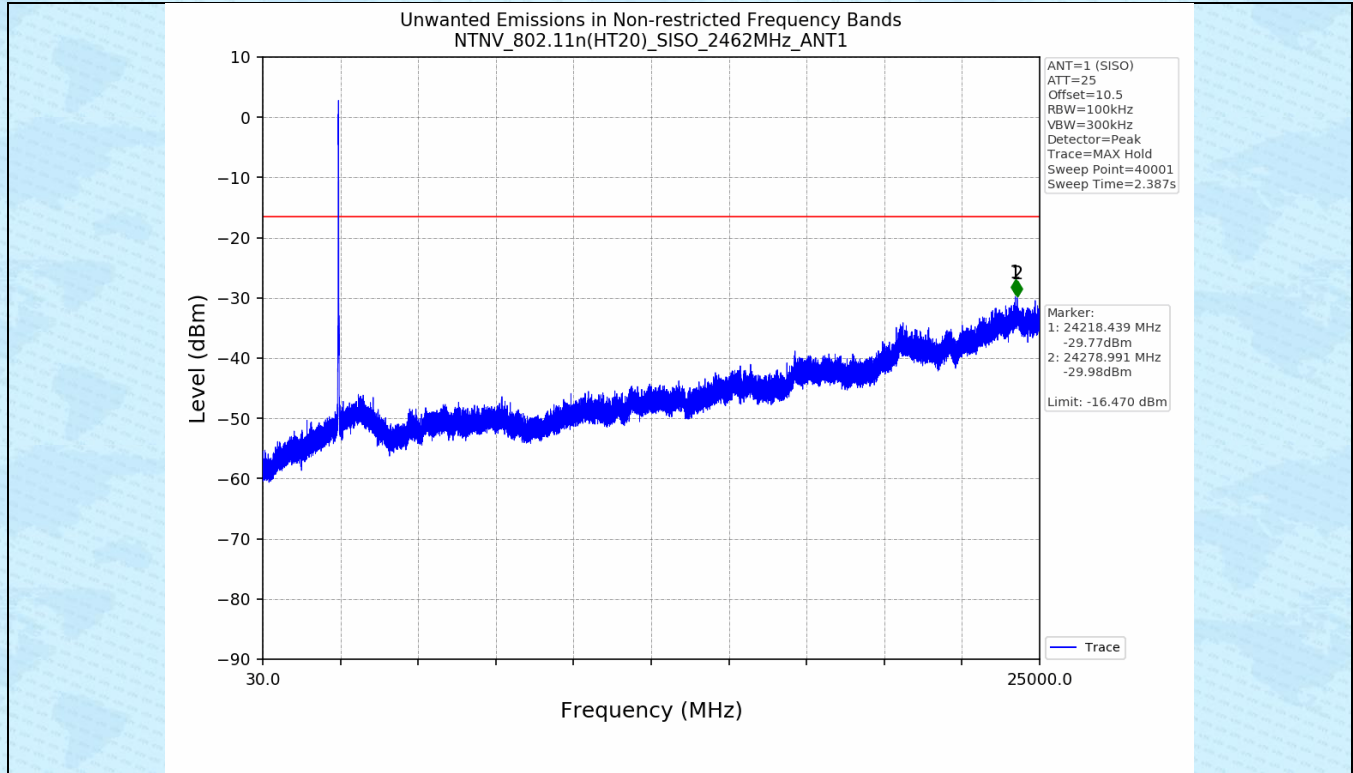












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