

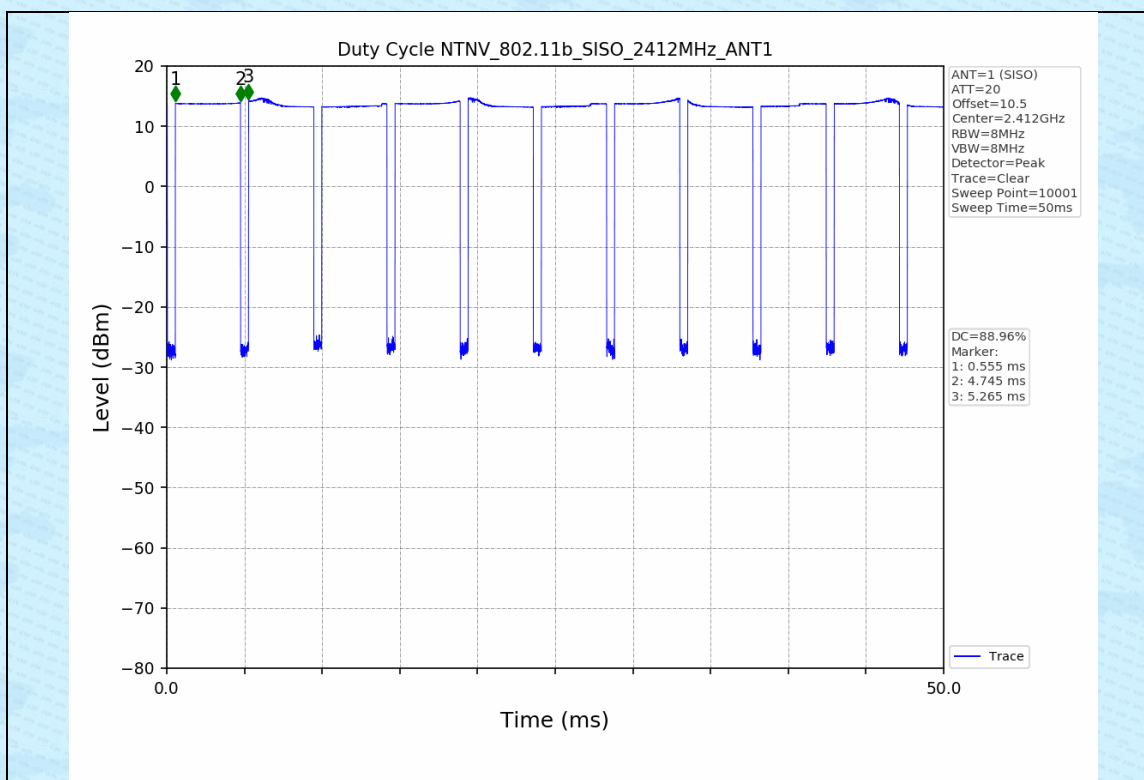
Appendix for 15.247

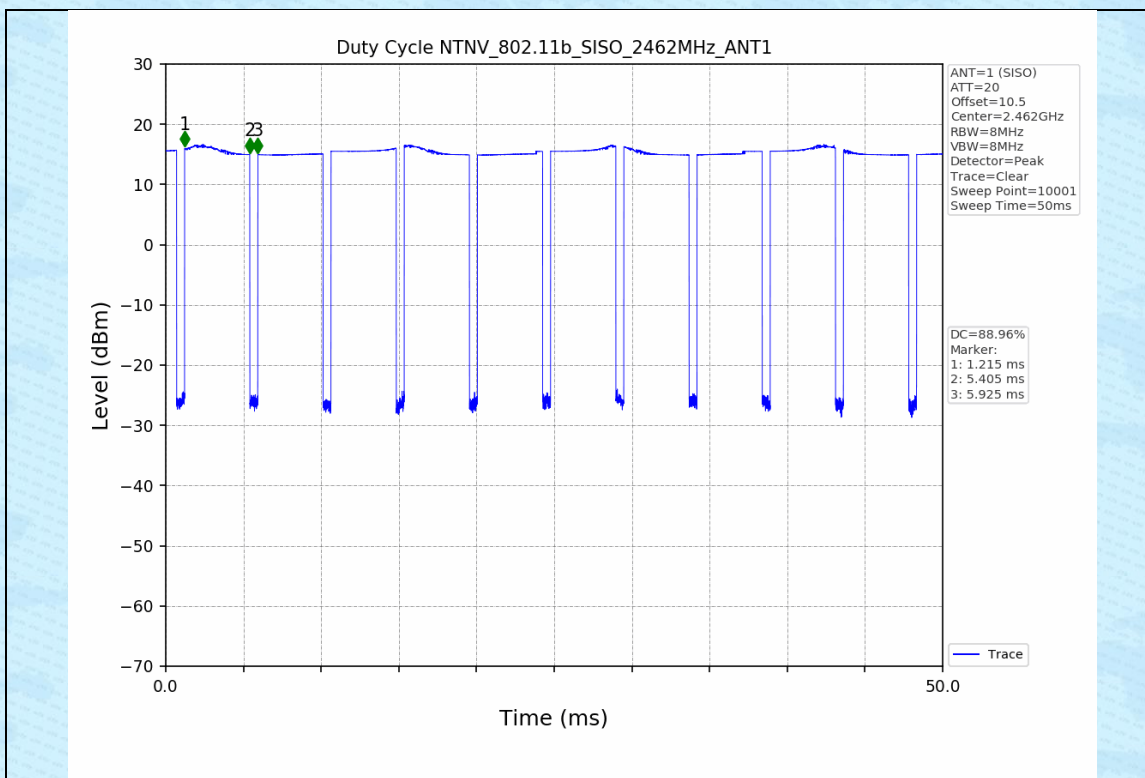
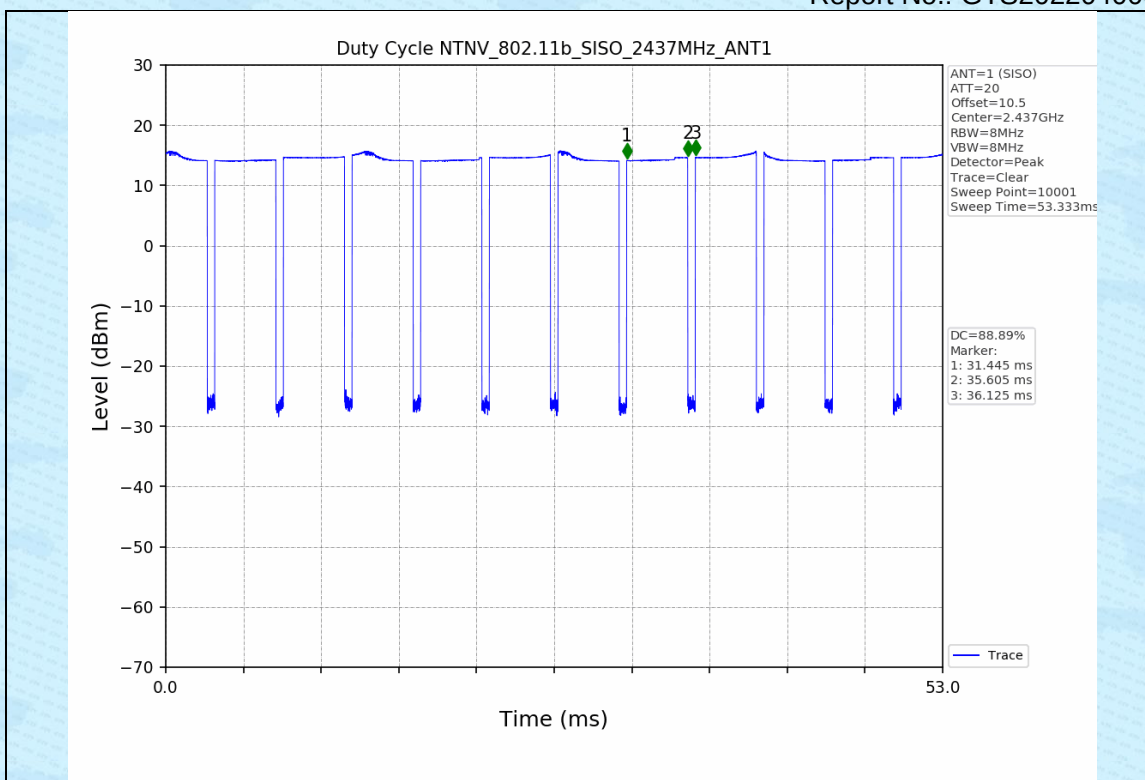
1. Duty Cycle

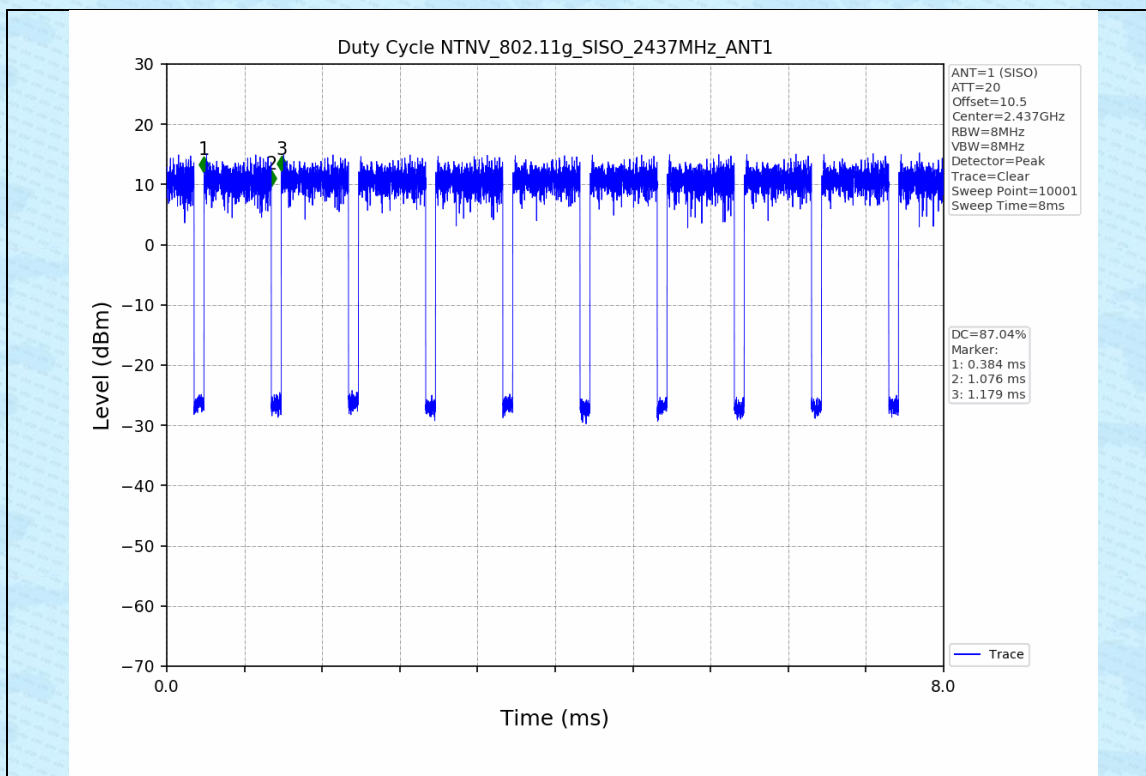
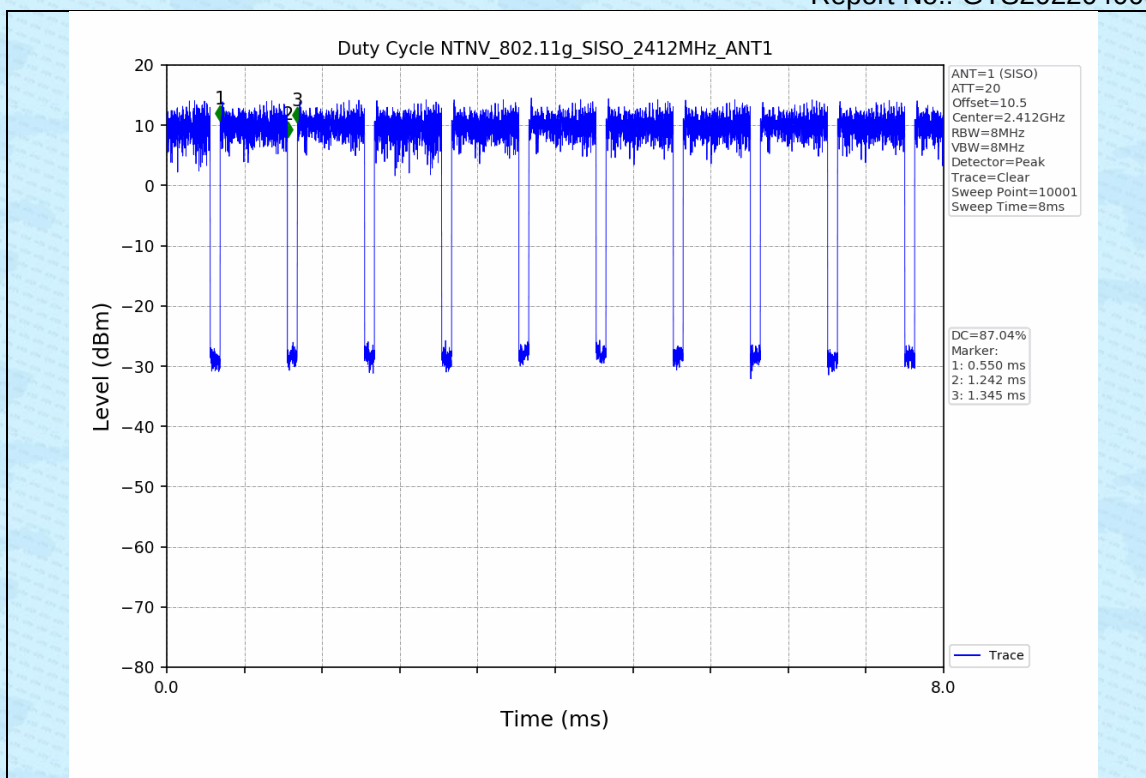
1.1 Test Result

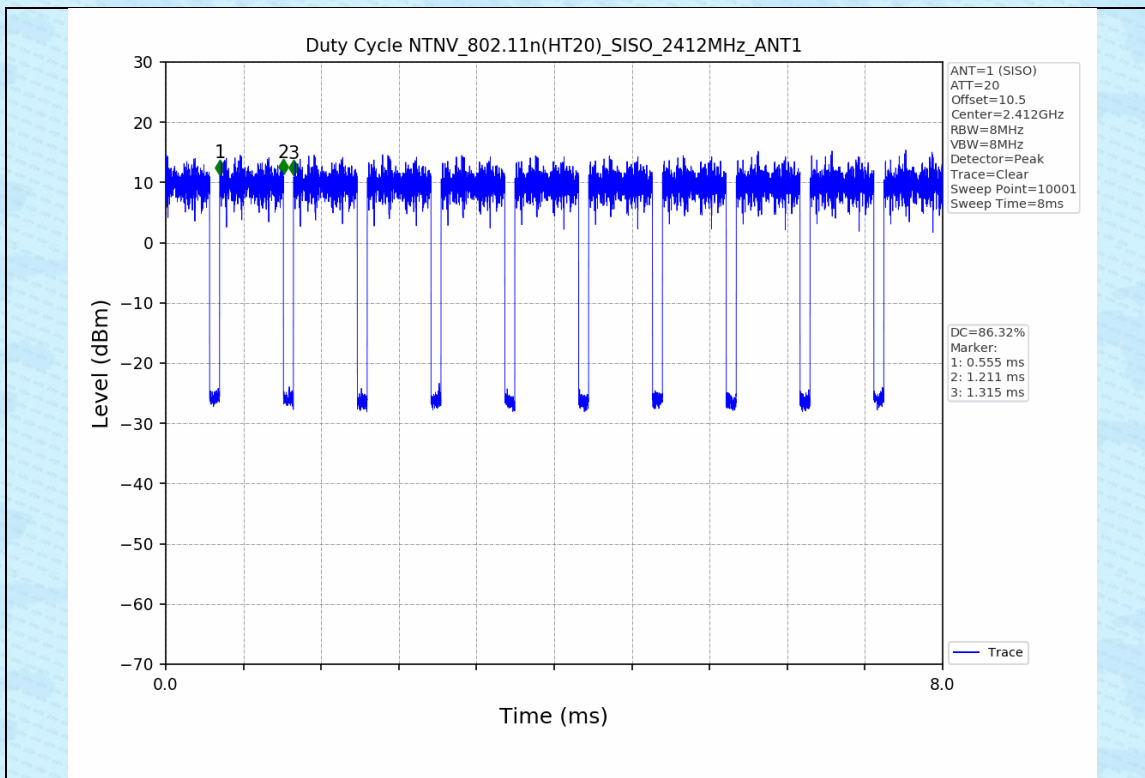
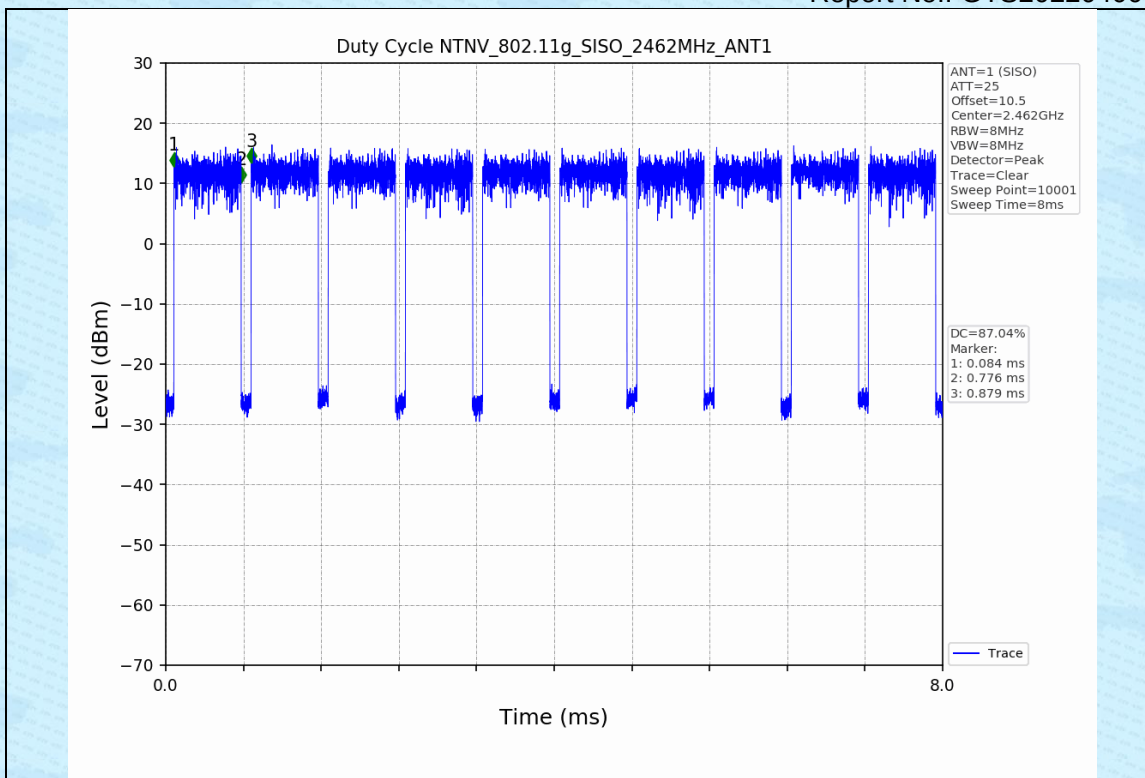
Test Mode	Channel Frequency(MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11b	2412	SISO	1	4.190	4.710	88.96	0.51
	2437	SISO	1	4.160	4.680	88.89	0.51
	2462	SISO	1	4.190	4.710	88.96	0.51
802.11g	2412	SISO	1	0.692	0.795	87.04	0.60
	2437	SISO	1	0.692	0.795	87.04	0.60
	2462	SISO	1	0.692	0.795	87.04	0.60
802.11n(HT20)	2412	SISO	1	0.656	0.760	86.32	0.64
	2437	SISO	1	0.655	0.758	86.41	0.63
	2462	SISO	1	0.656	0.760	86.32	0.64

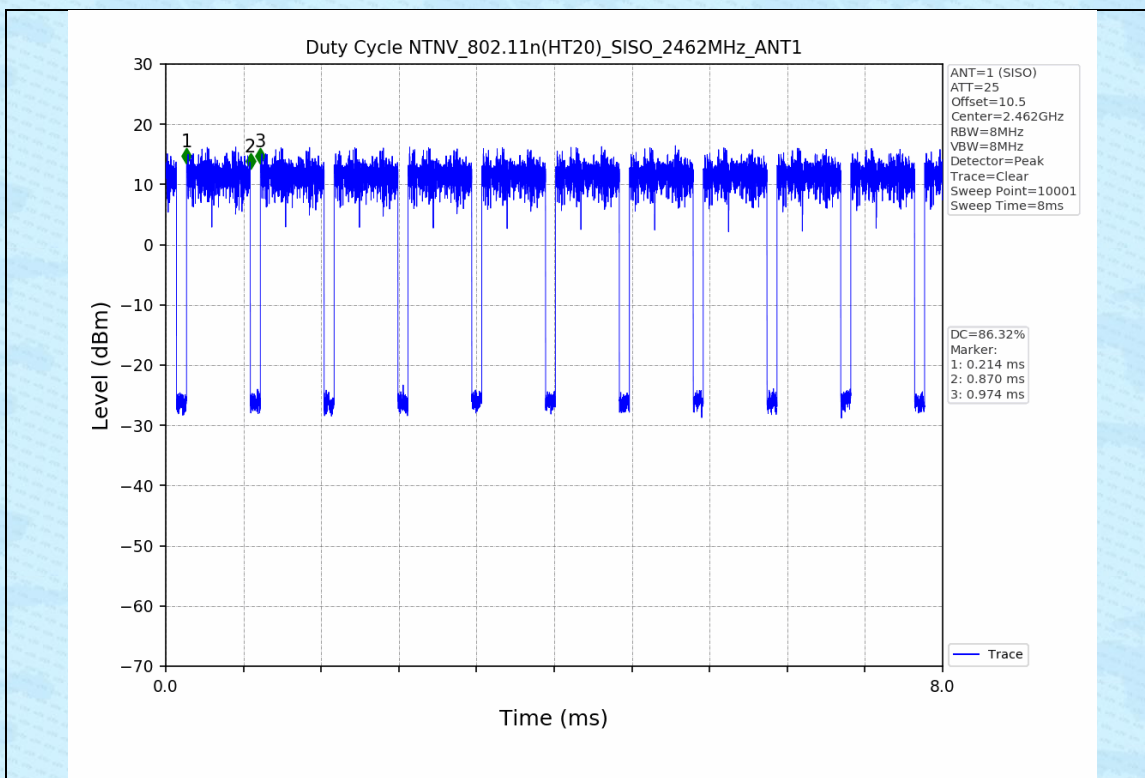
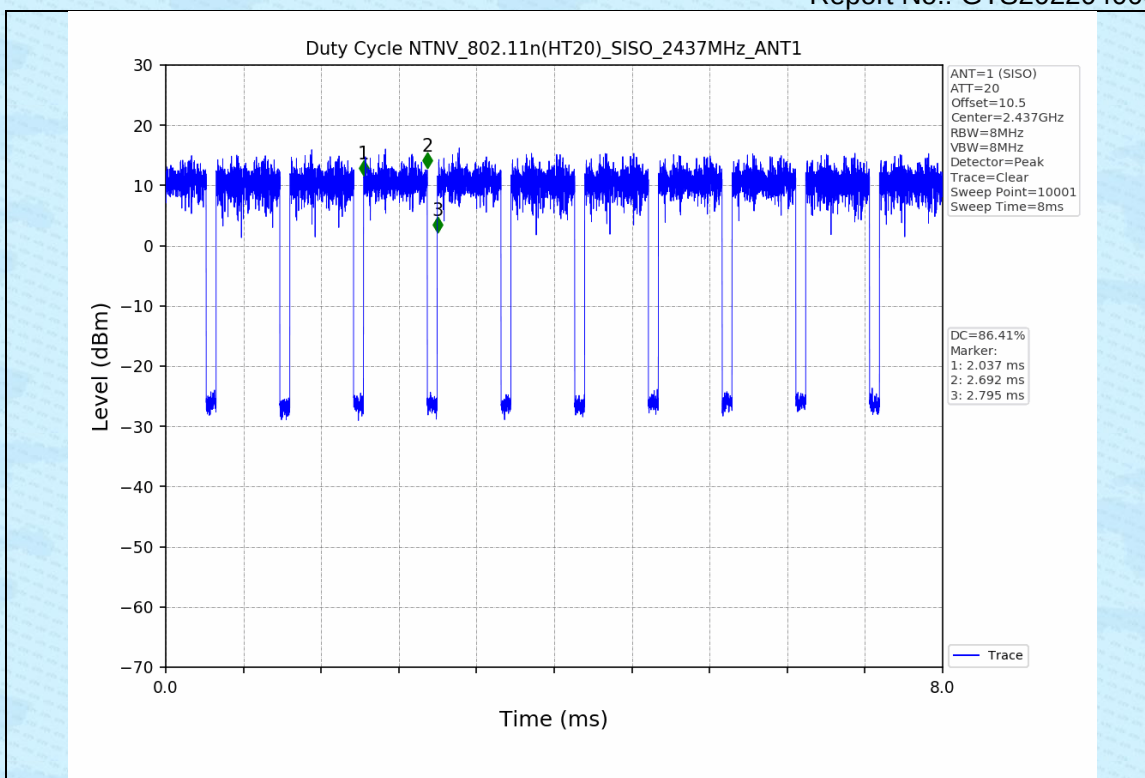
1.2 Test Graph











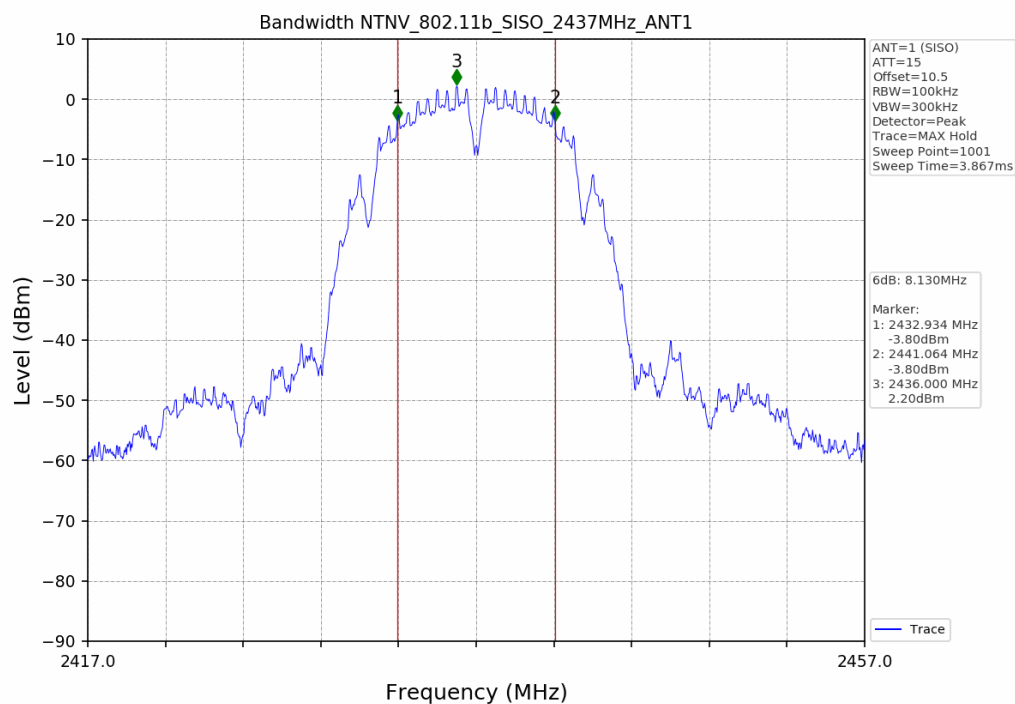
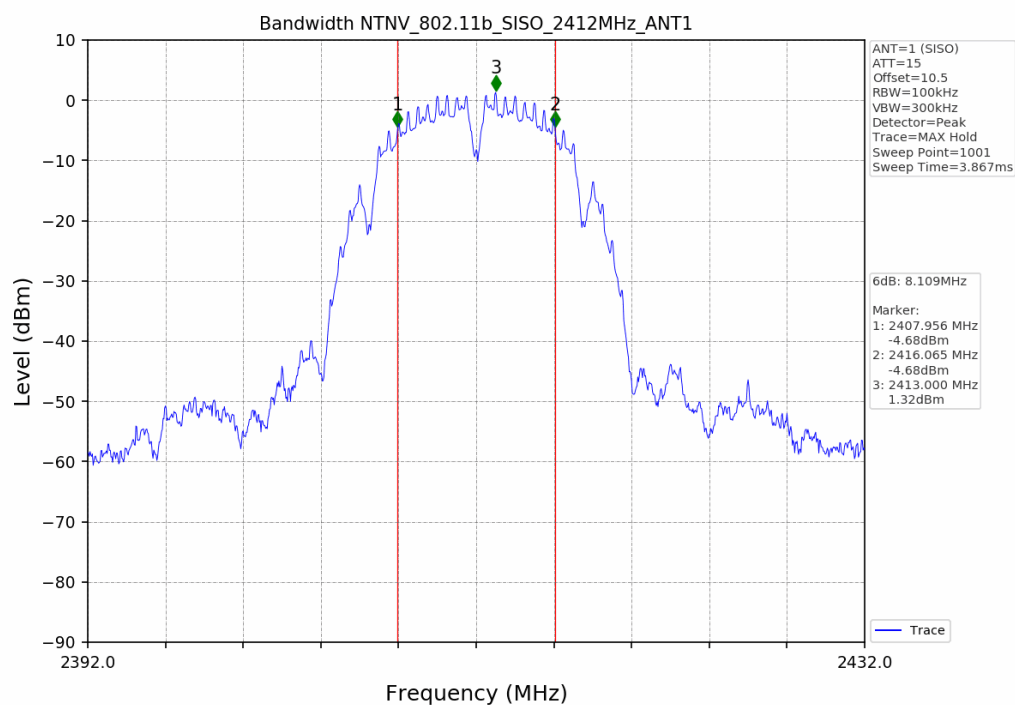
2. Bandwidth

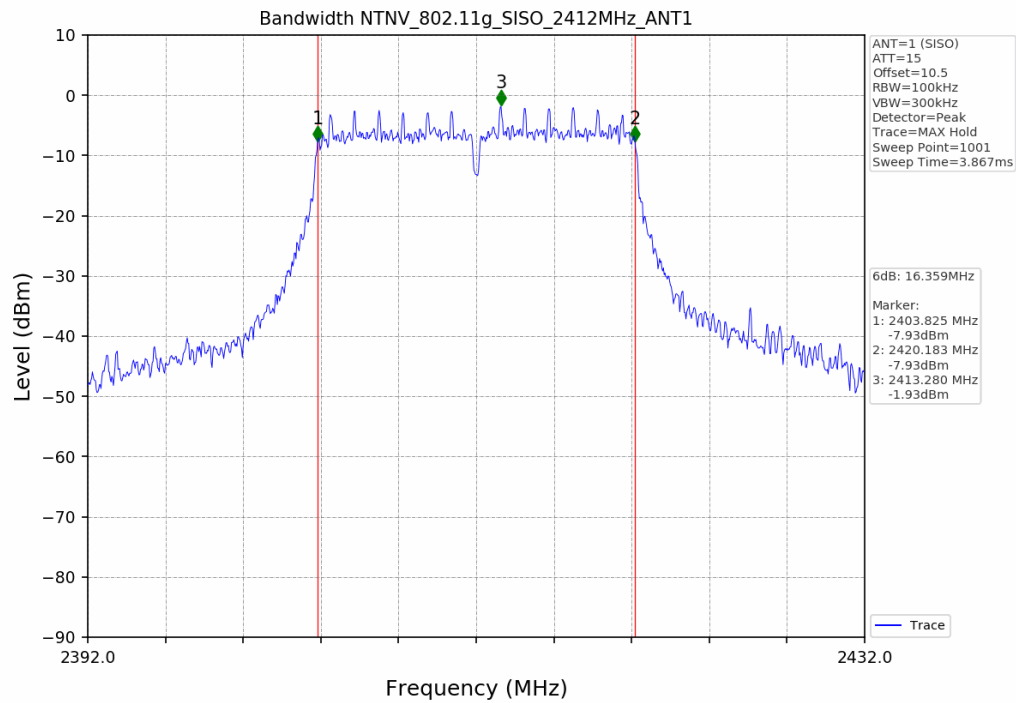
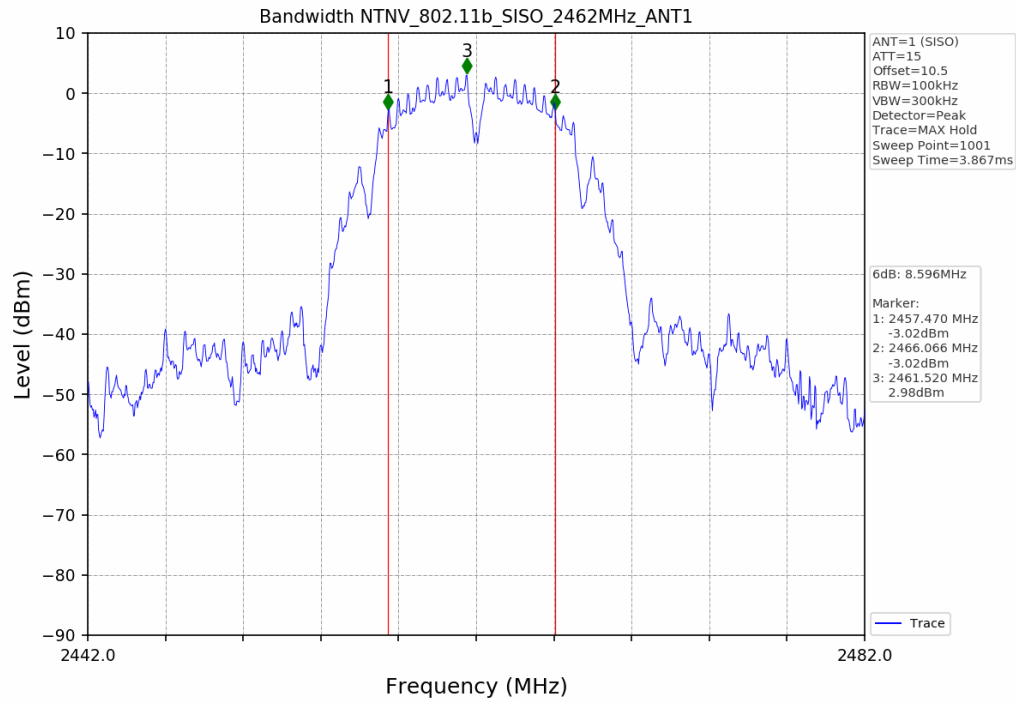
2.1 Test Result

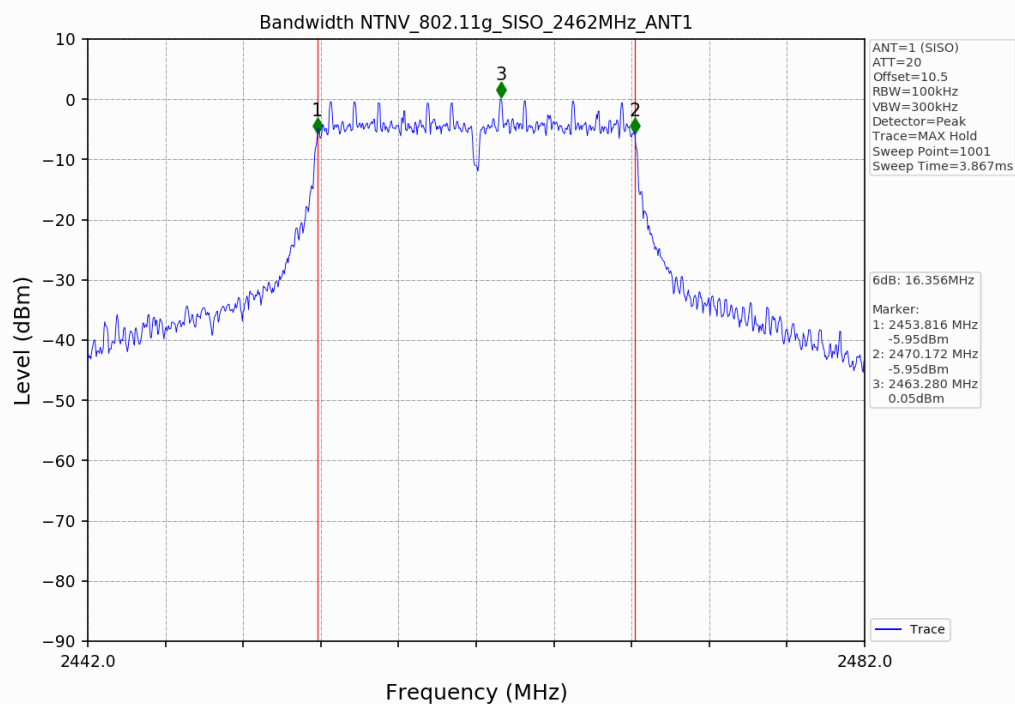
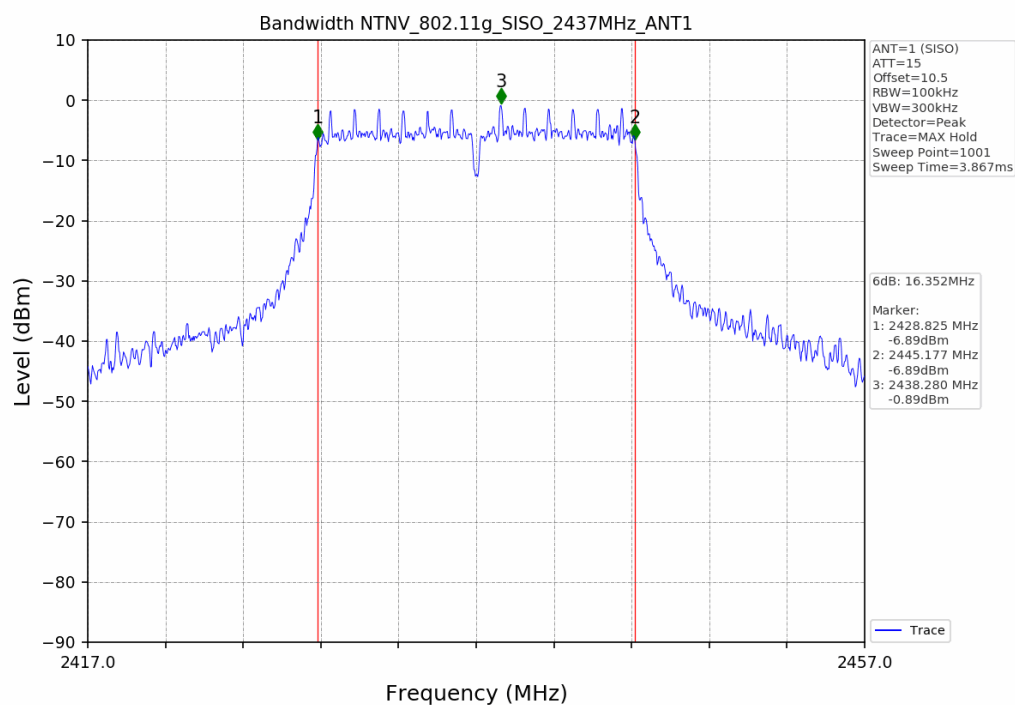
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11b	2412	SISO	1	8.109	≥0.5	PASS
	2437	SISO	1	8.130	≥0.5	PASS
	2462	SISO	1	8.596	≥0.5	PASS
802.11g	2412	SISO	1	16.359	≥0.5	PASS
	2437	SISO	1	16.352	≥0.5	PASS
	2462	SISO	1	16.356	≥0.5	PASS
802.11n(HT20)	2412	SISO	1	16.700	≥0.5	PASS
	2437	SISO	1	16.715	≥0.5	PASS
	2462	SISO	1	16.959	≥0.5	PASS

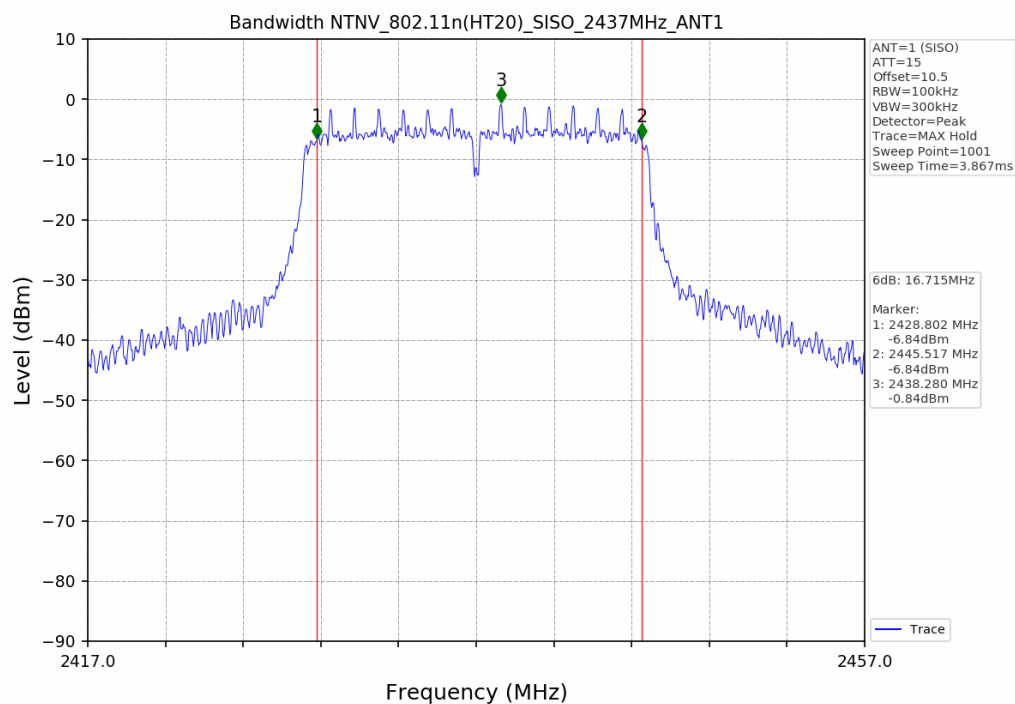
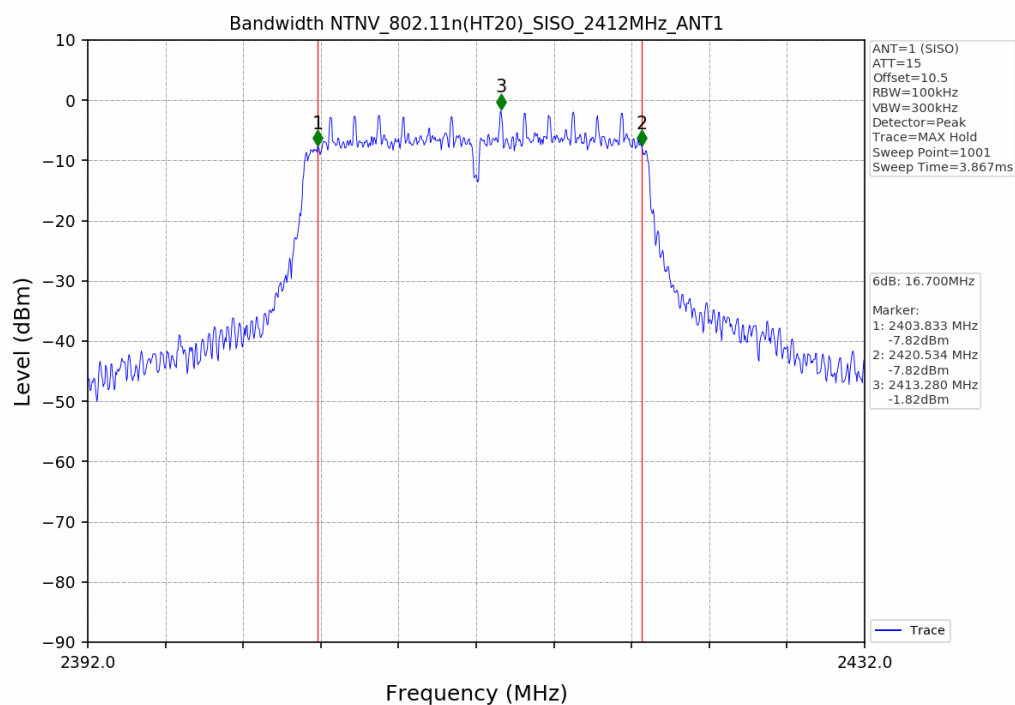
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	10.879	Only for Report Use
	2437	SISO	1	10.971	Only for Report Use
	2462	SISO	1	11.337	Only for Report Use
802.11g	2412	SISO	1	16.770	Only for Report Use
	2437	SISO	1	16.793	Only for Report Use
	2462	SISO	1	16.823	Only for Report Use
802.11n(HT20)	2412	SISO	1	17.743	Only for Report Use
	2437	SISO	1	17.784	Only for Report Use
	2462	SISO	1	17.794	Only for Report Use

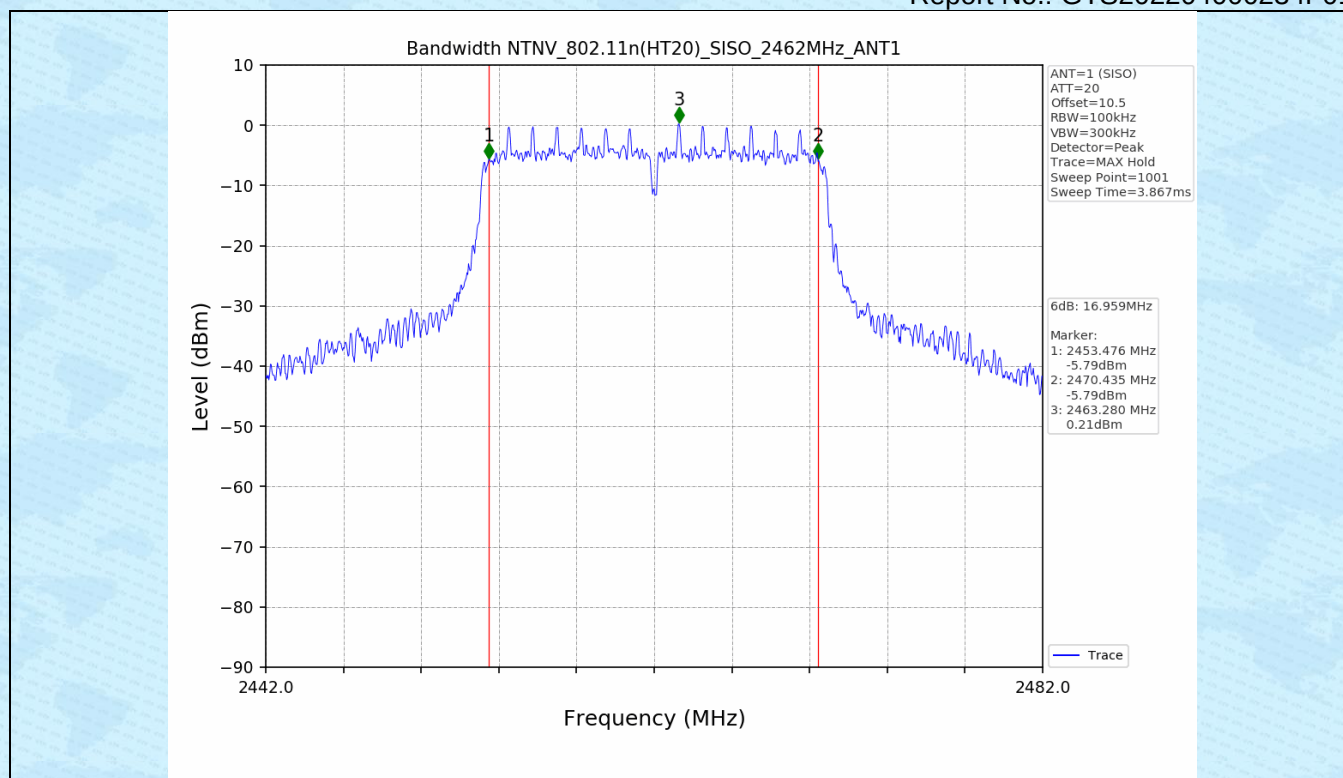
2.2 Test Graph - 6dB Bandwidth



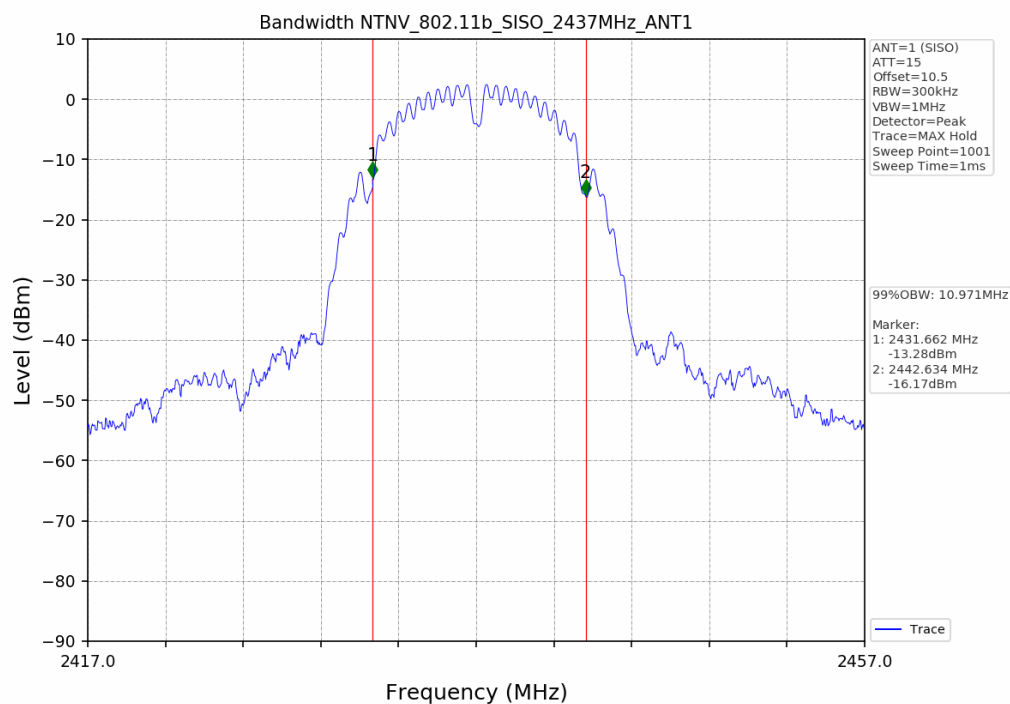
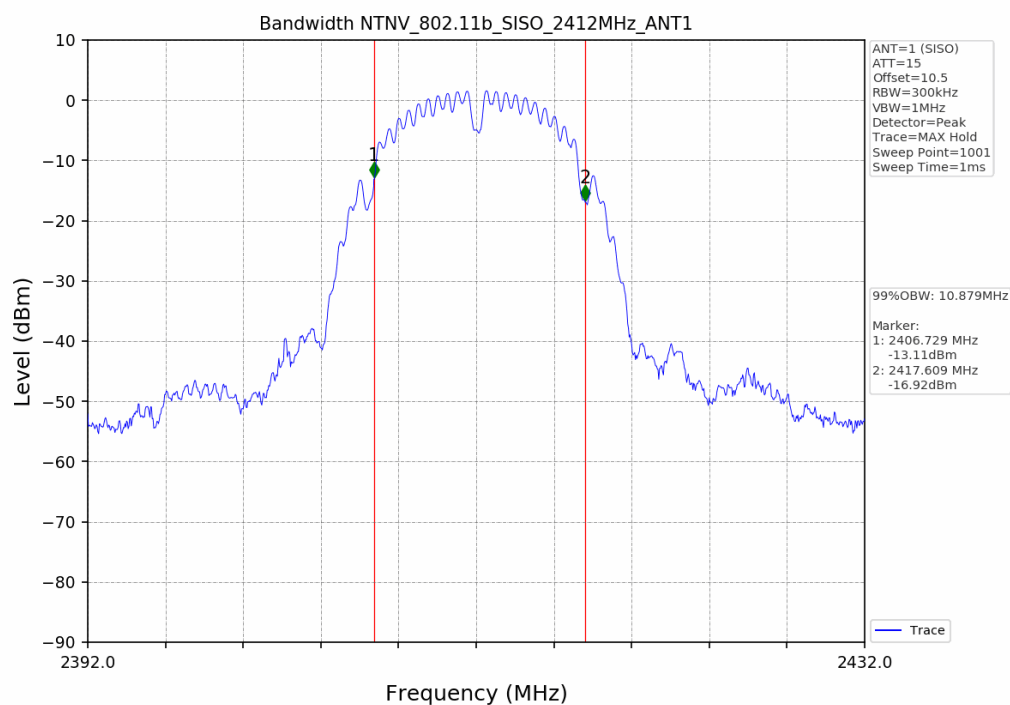


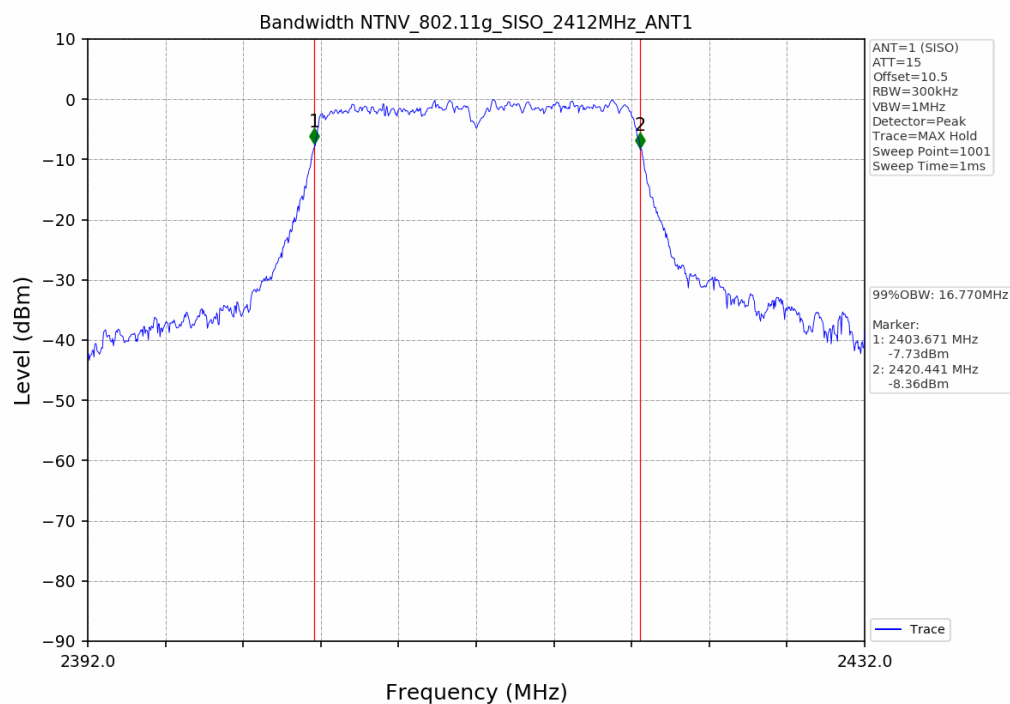
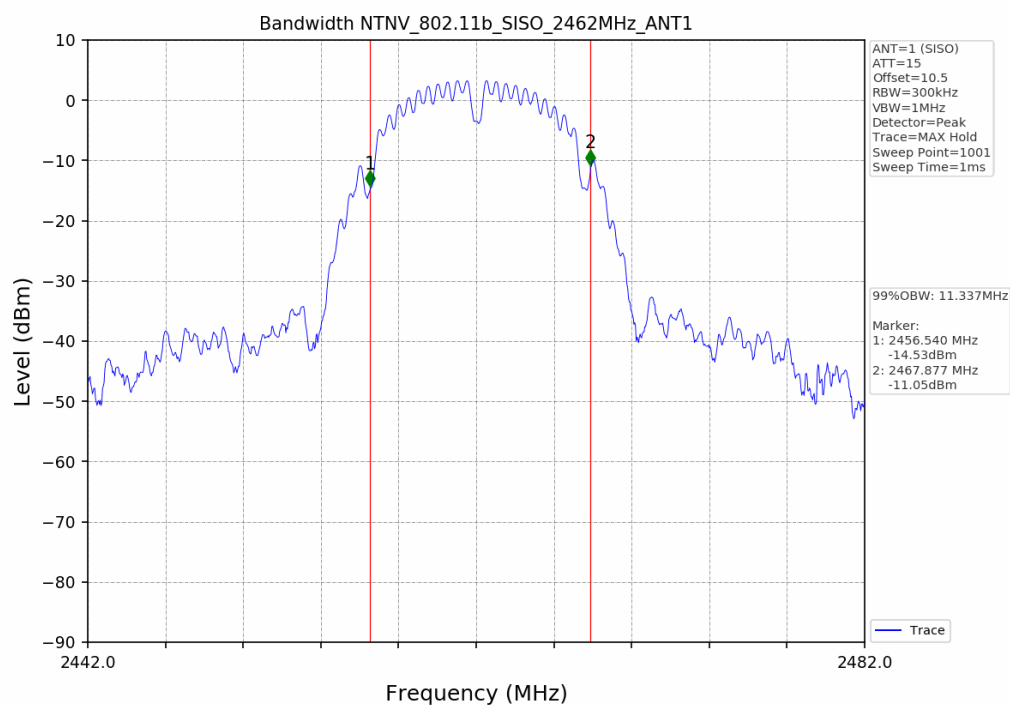


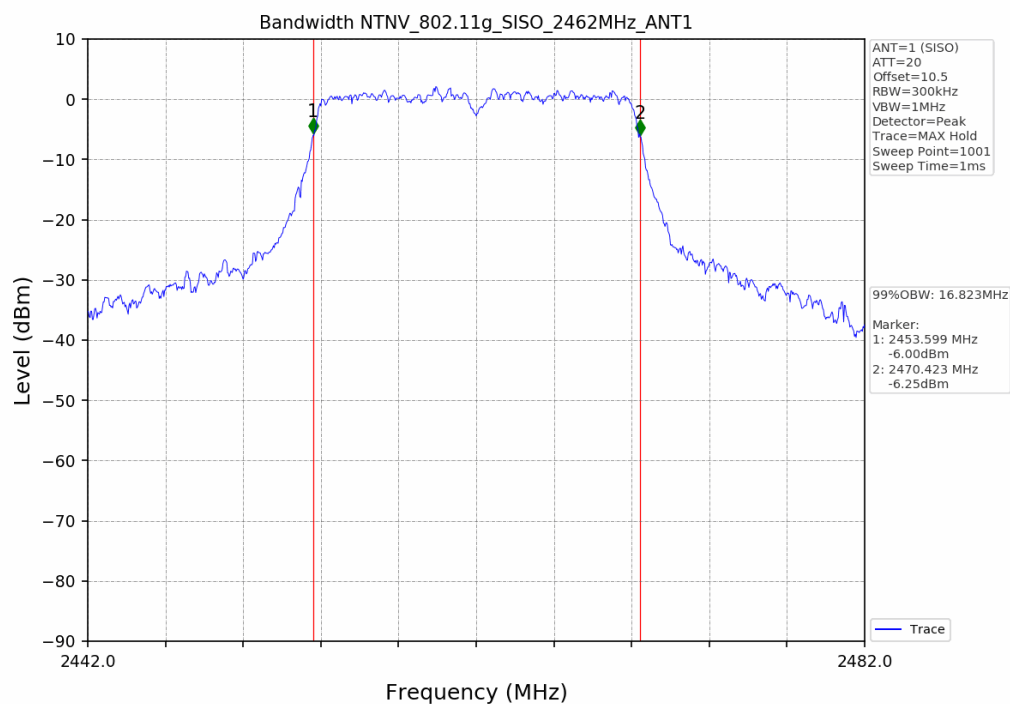
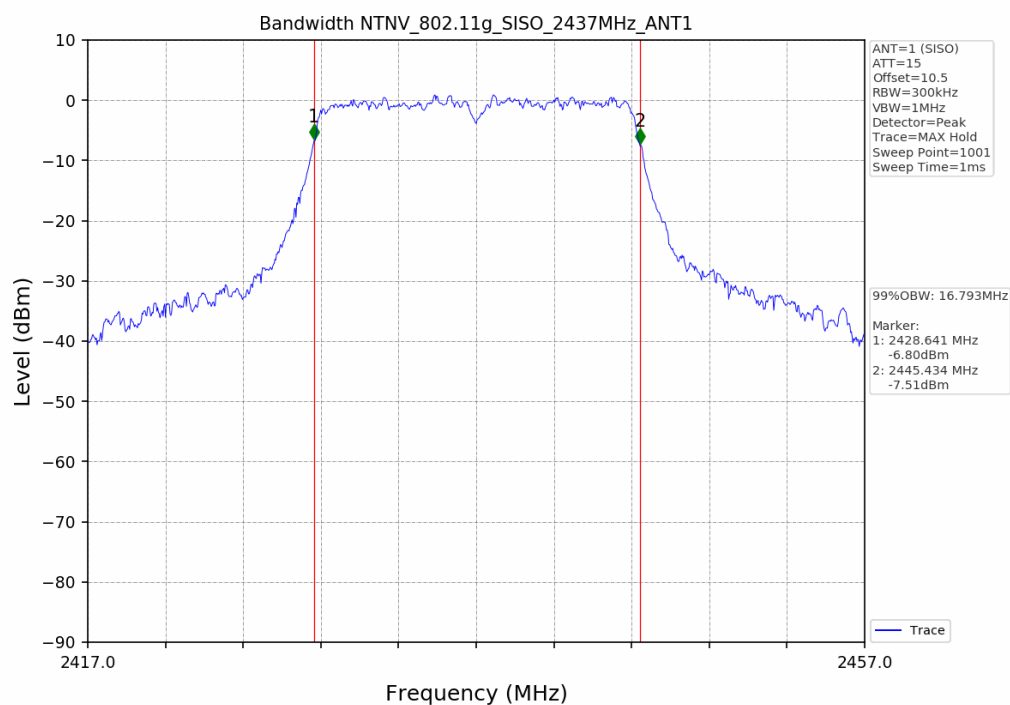


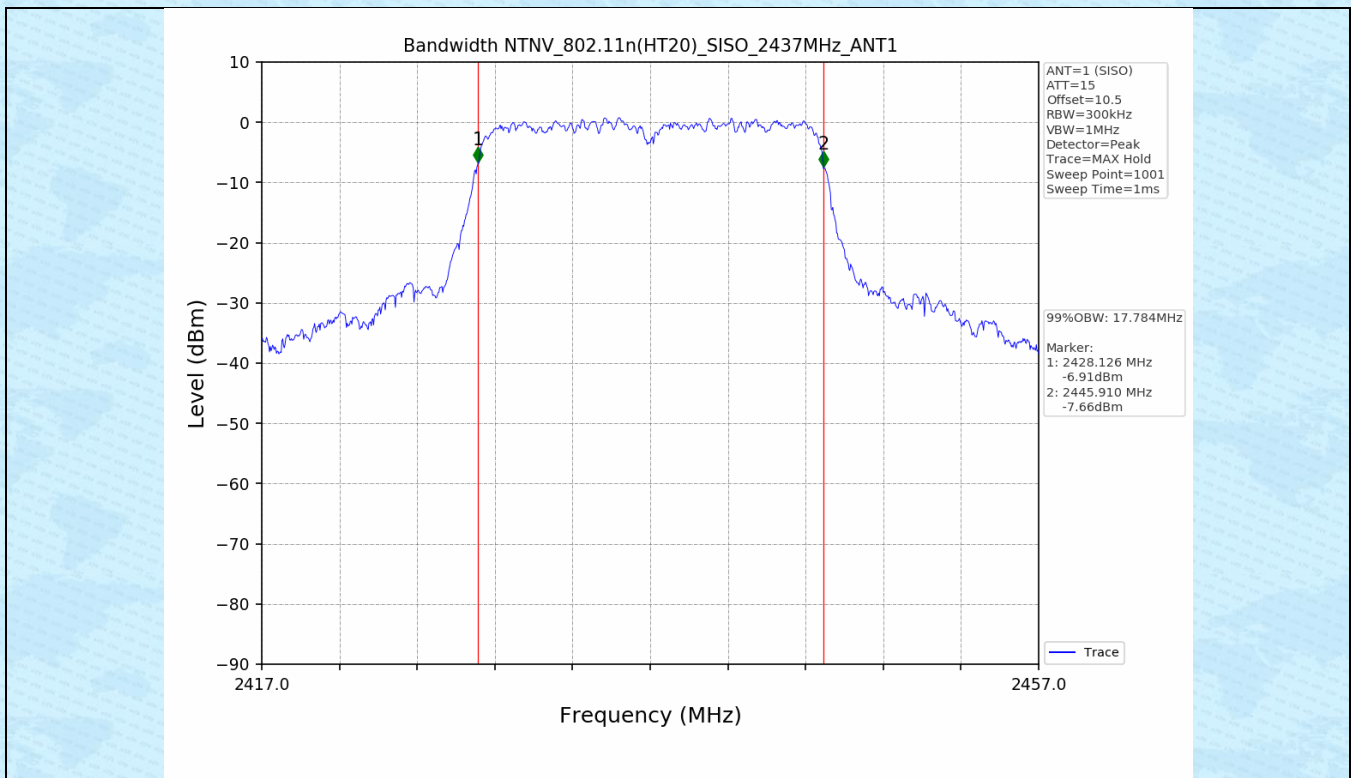
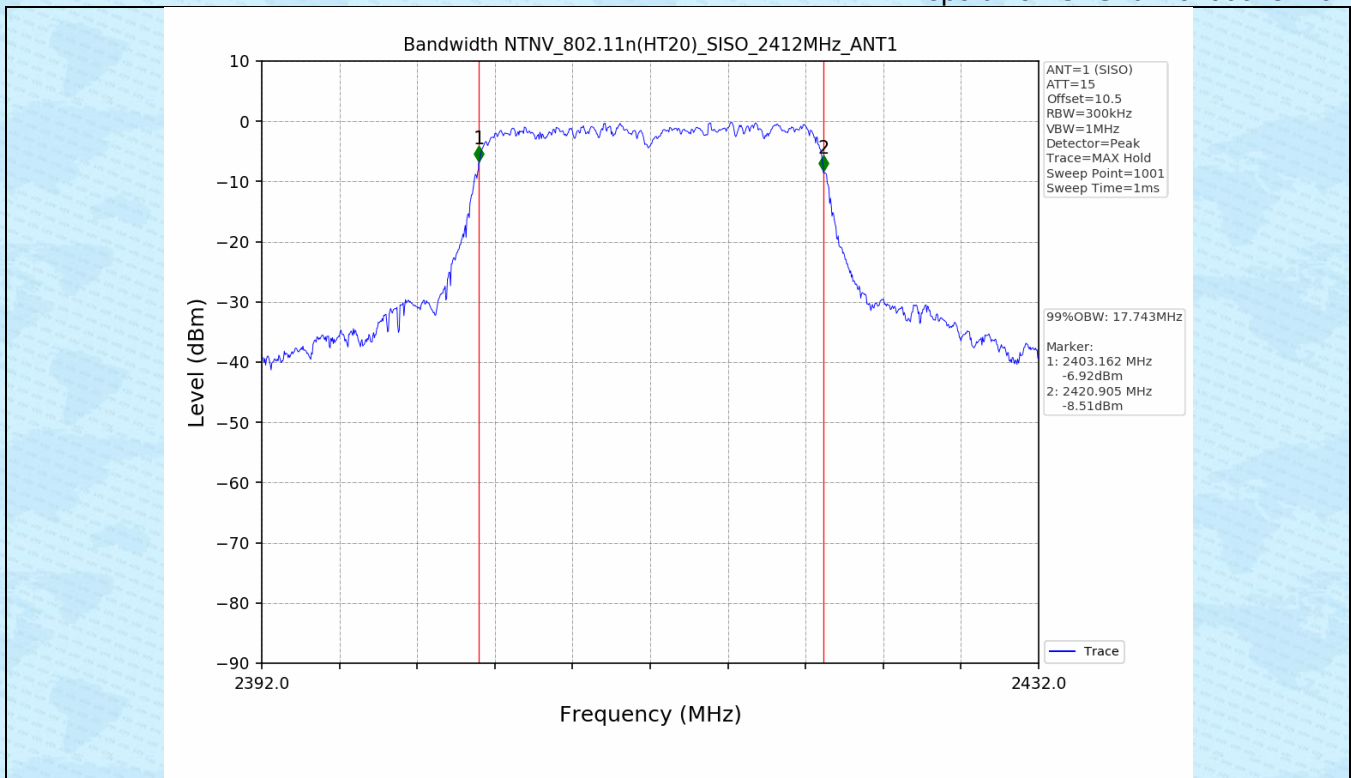


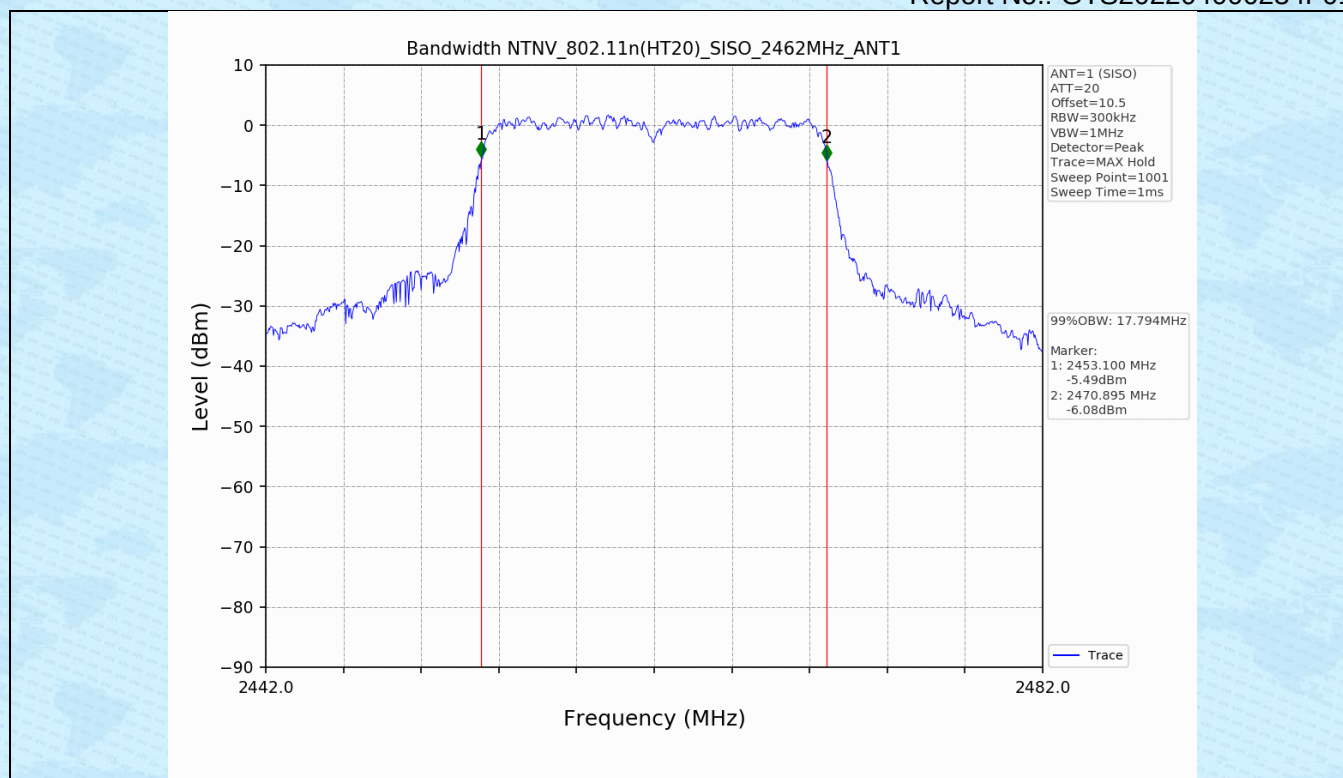
2.3 Test Graph - 99% Occupied Bandwidth











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	12.00	30	PASS
	2437	SISO	12.92	30	PASS
	2462	SISO	13.90	30	PASS
802.11g	2412	SISO	16.55	30	PASS
	2437	SISO	17.46	30	PASS
	2462	SISO	18.43	30	PASS
802.11n(HT20)	2412	SISO	16.45	30	PASS
	2437	SISO	17.29	30	PASS
	2462	SISO	18.32	30	PASS

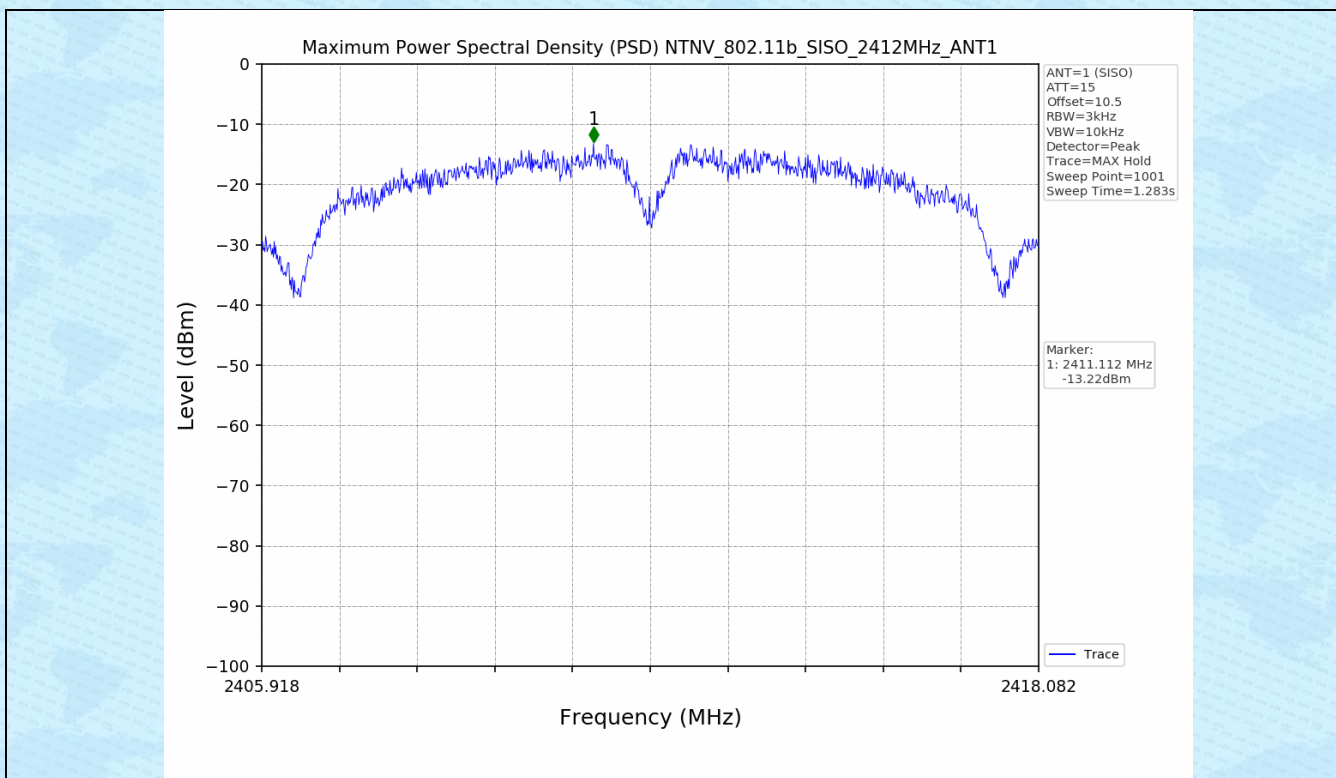
4. Maximum Power Spectral Density (PSD)

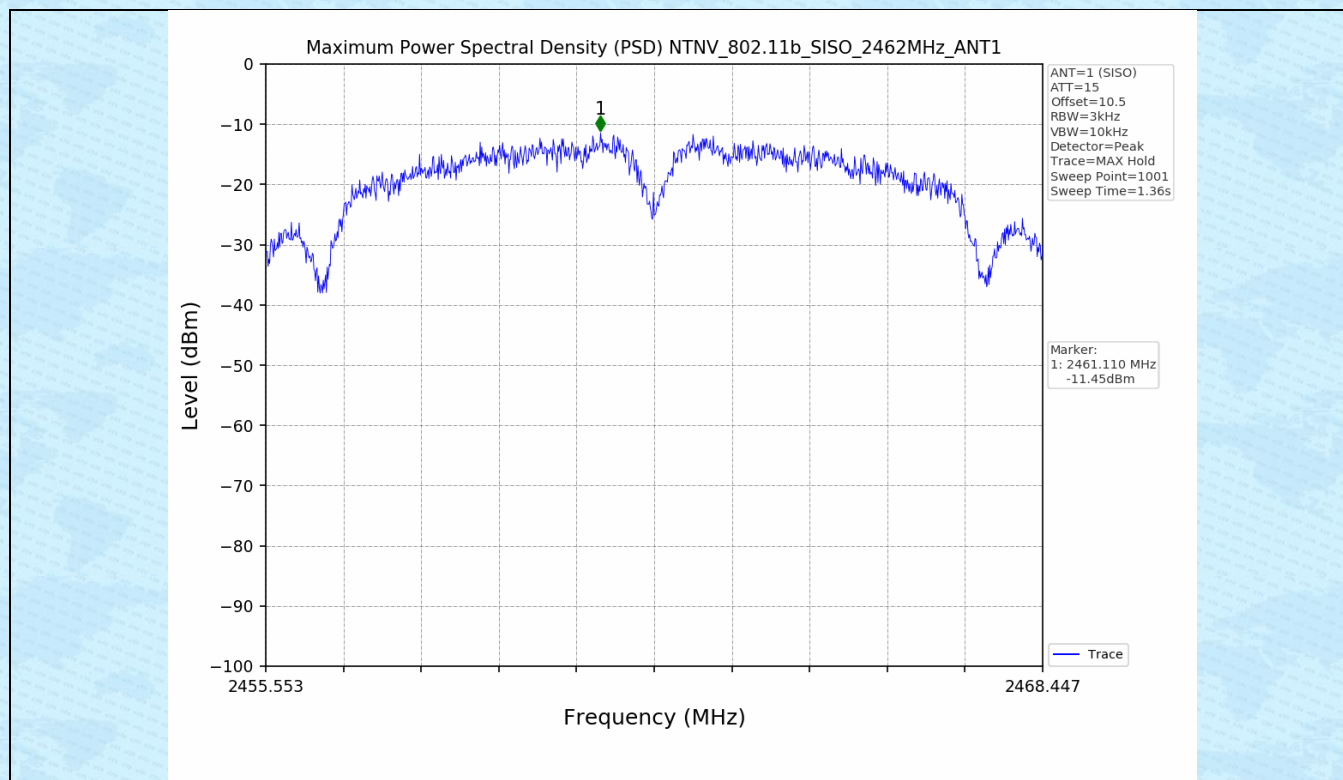
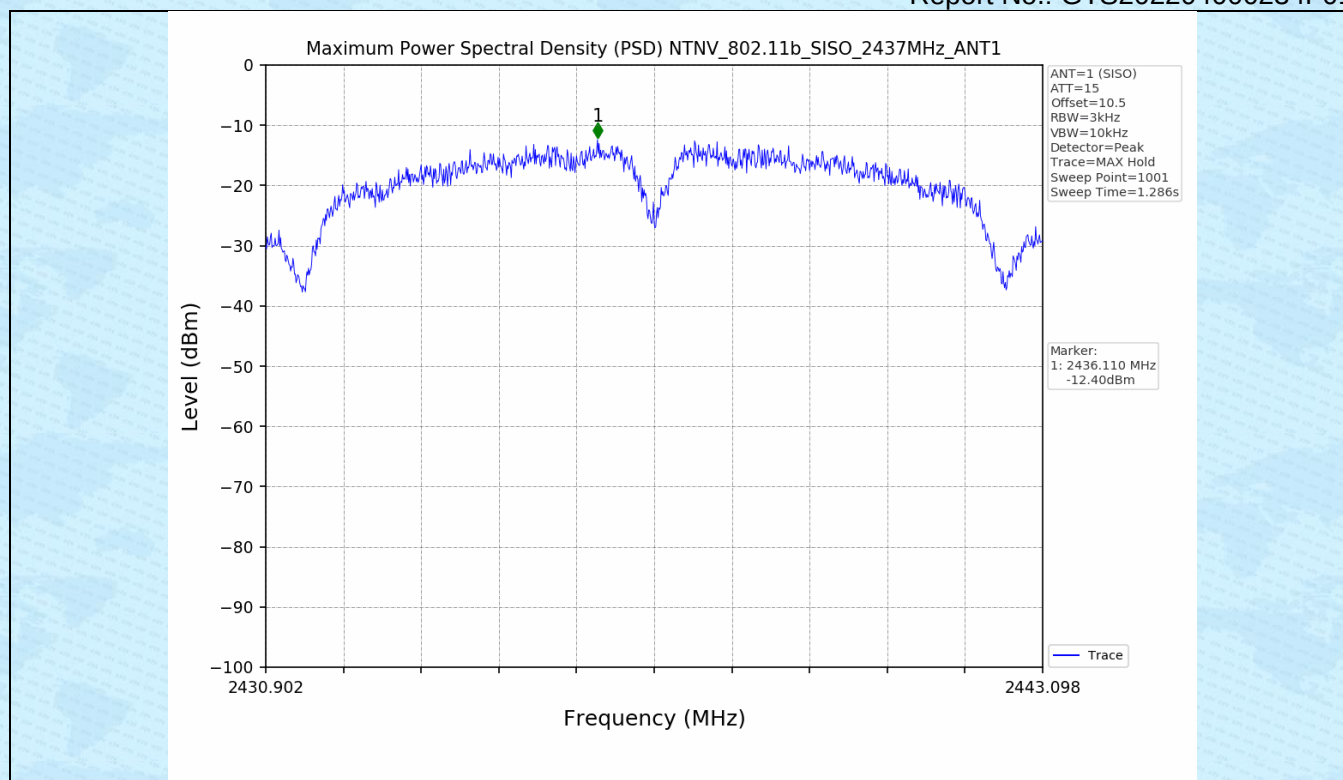
4.1 Test Result

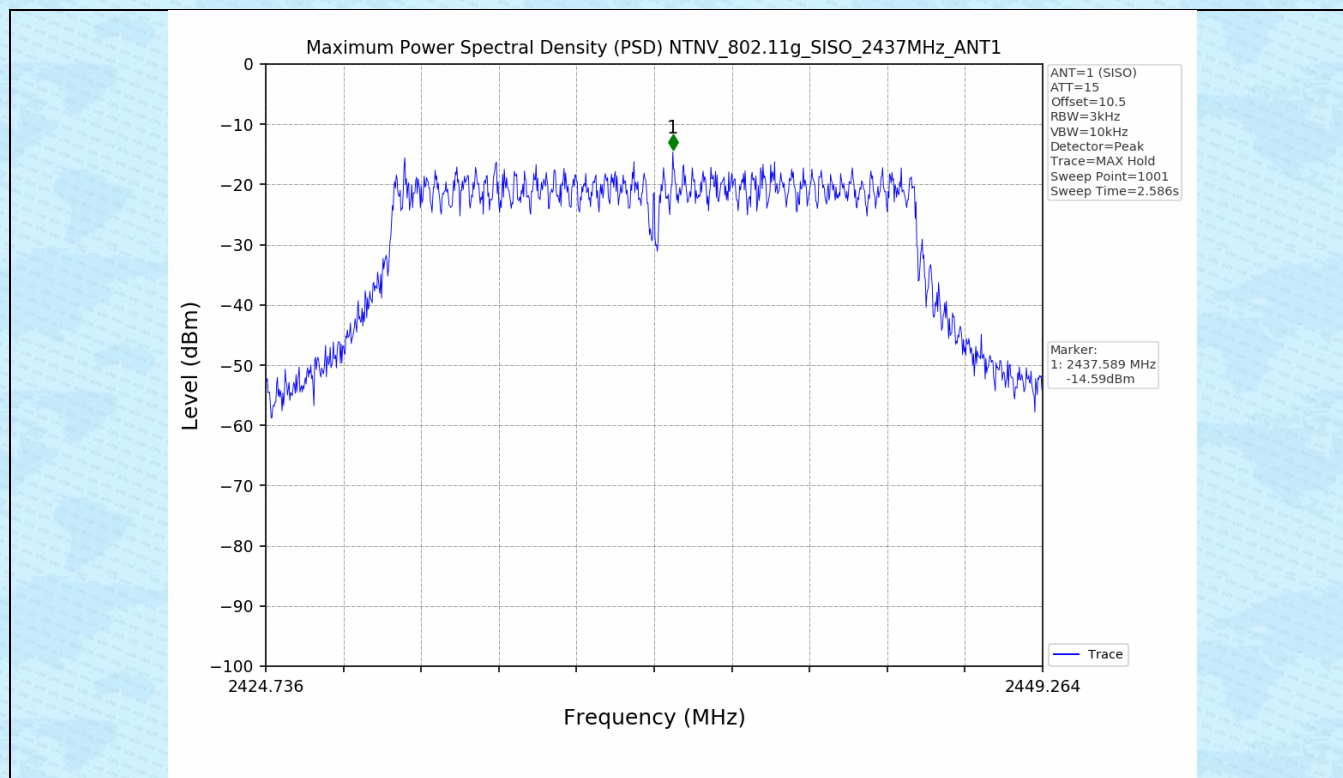
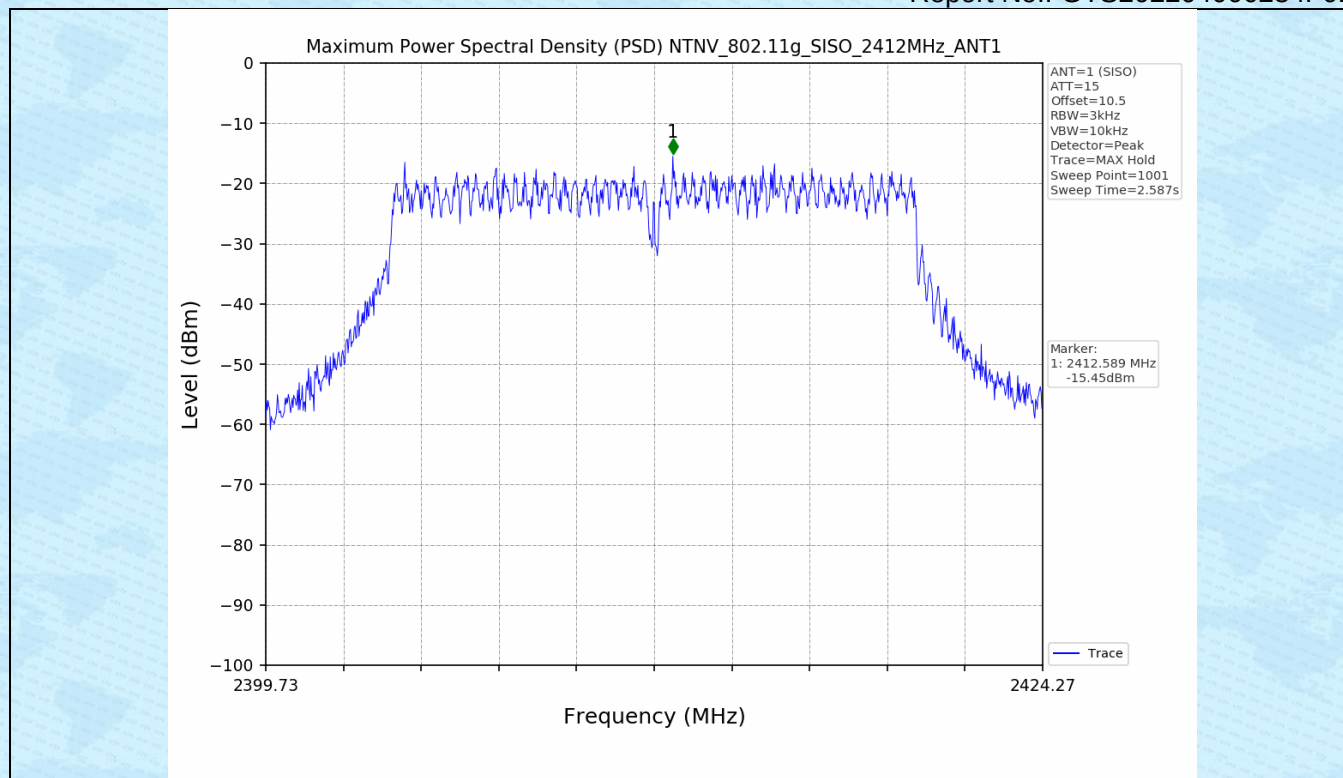
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
802.11b	2412	SISO	-13.22	≤8	PASS

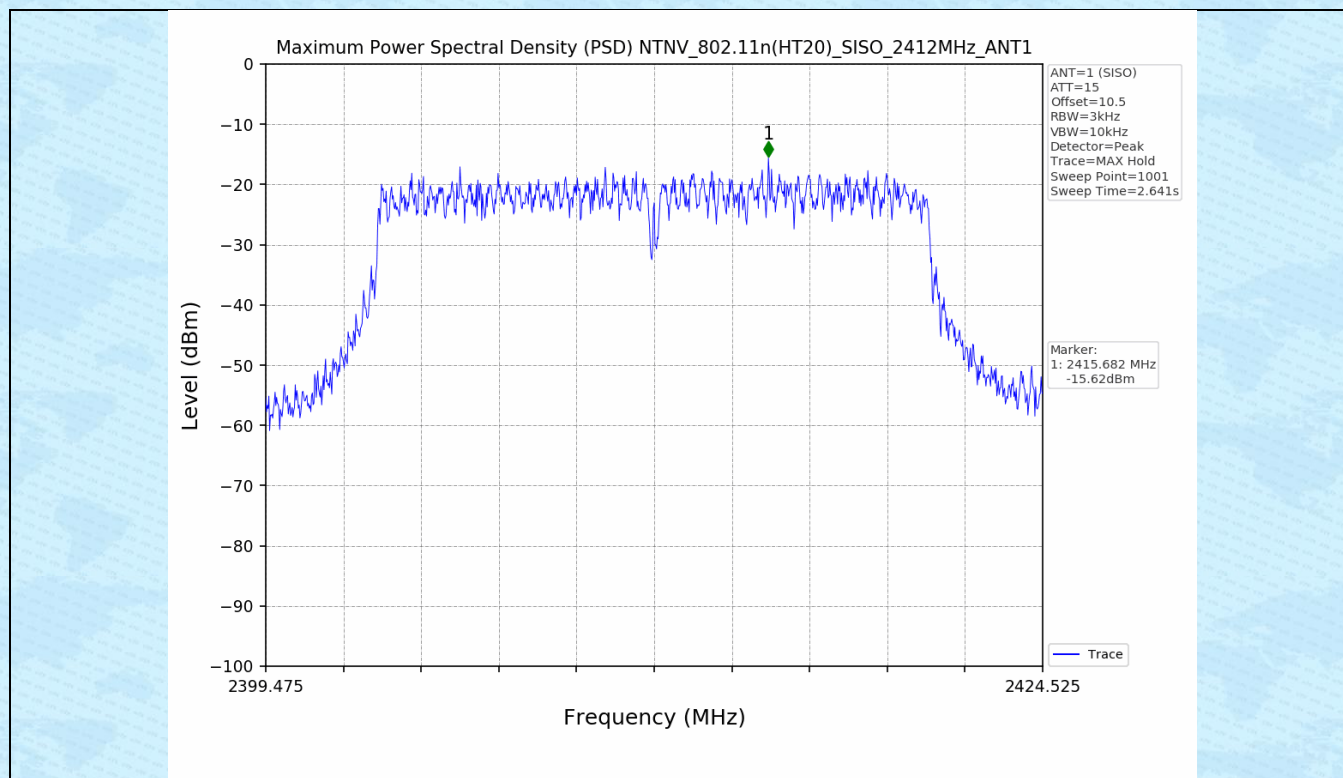
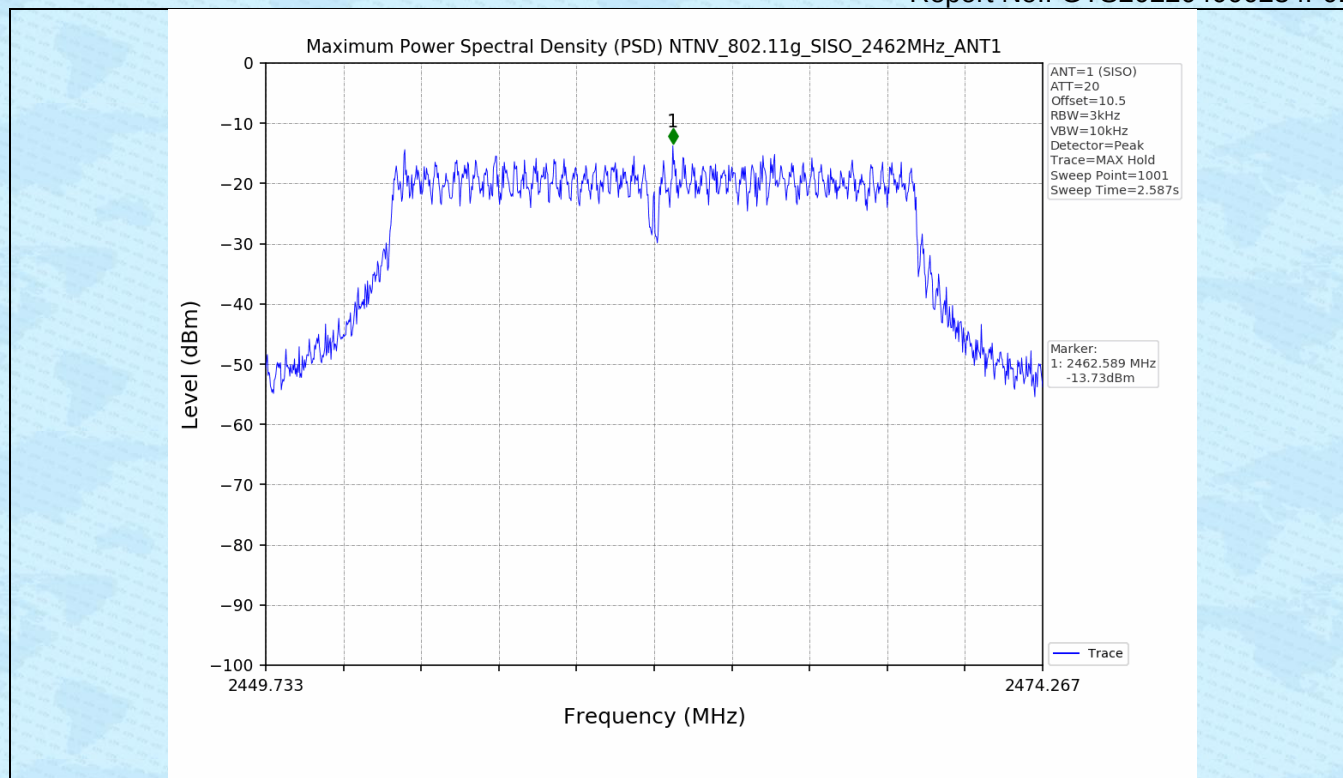
	2437	SISO	-12.40	≤ 8	PASS
	2462	SISO	-11.45	≤ 8	PASS
	2412	SISO	-15.45	≤ 8	PASS
802.11g	2437	SISO	-14.59	≤ 8	PASS
	2462	SISO	-13.73	≤ 8	PASS
	2412	SISO	-15.62	≤ 8	PASS
802.11n(HT20)	2437	SISO	-14.70	≤ 8	PASS
	2462	SISO	-13.95	≤ 8	PASS
	2412	SISO	-15.62	≤ 8	PASS

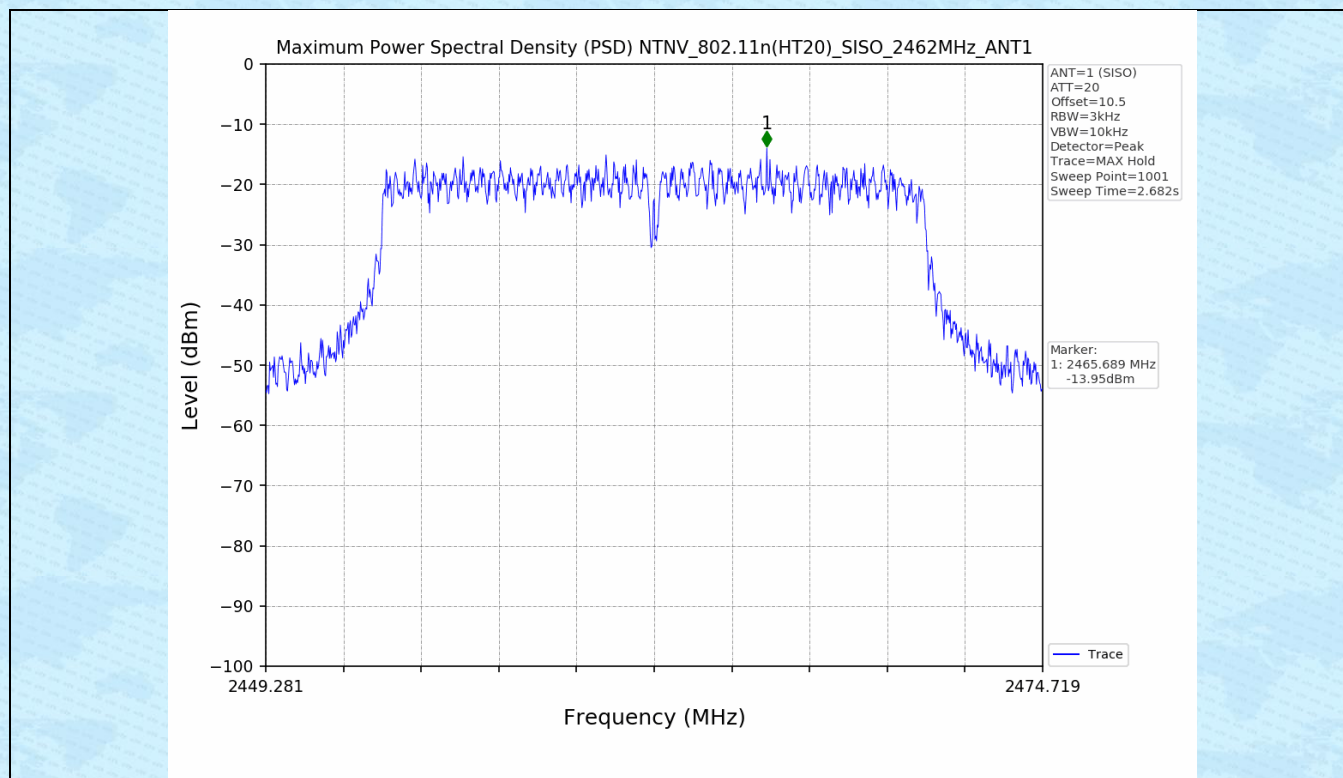
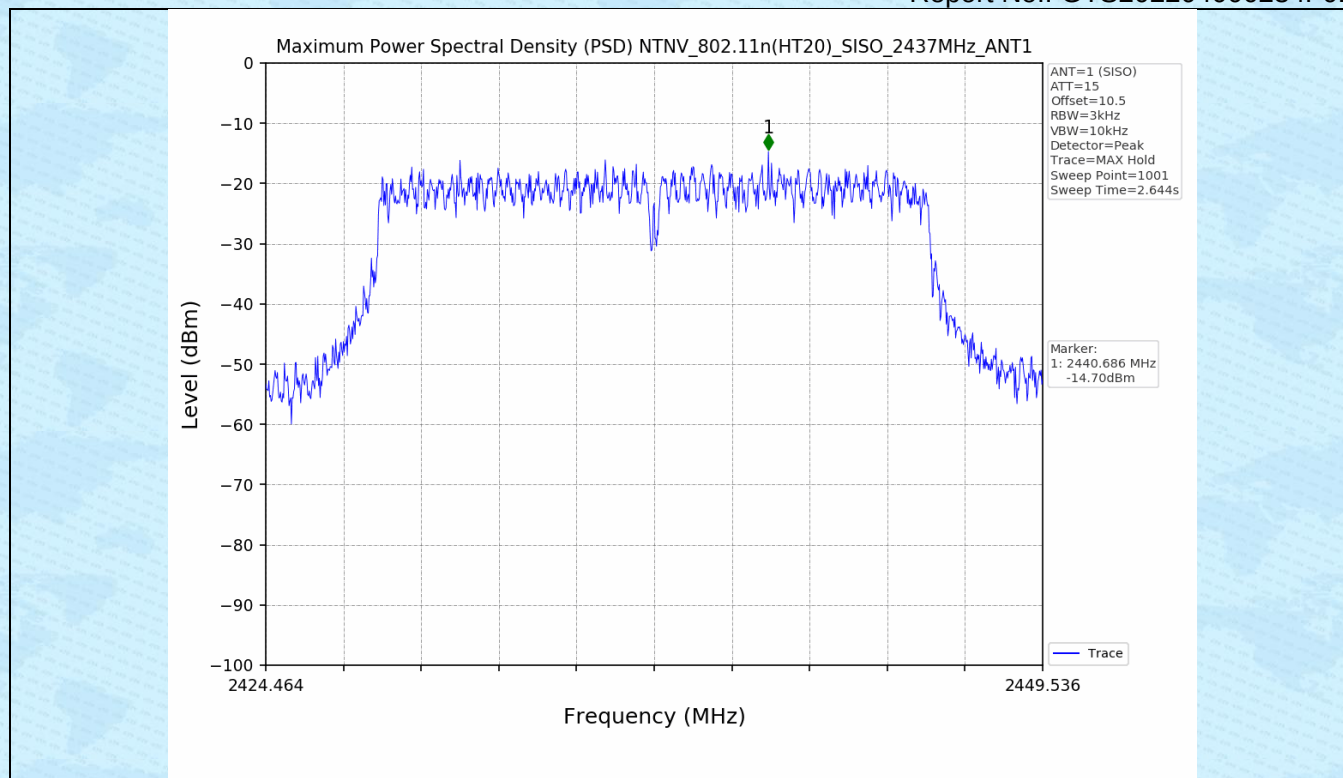
4.2 Test Graph









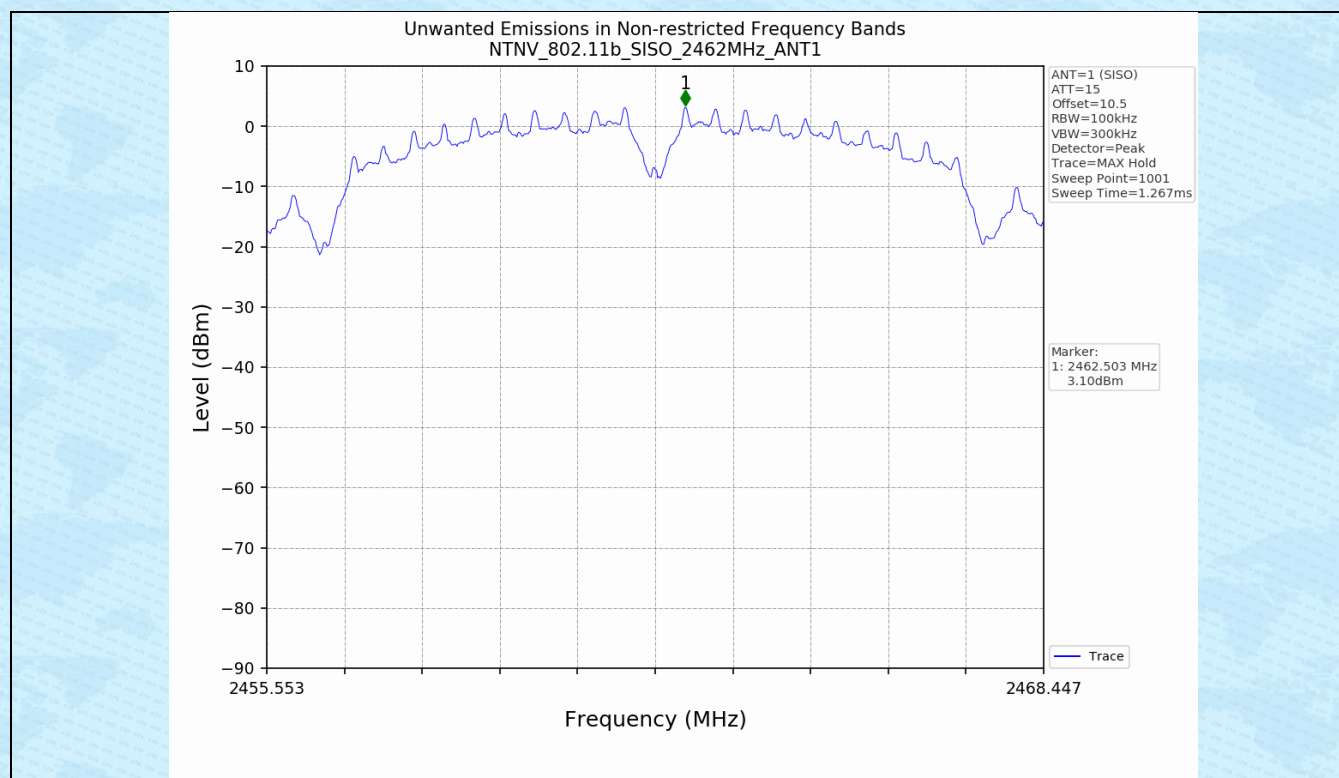


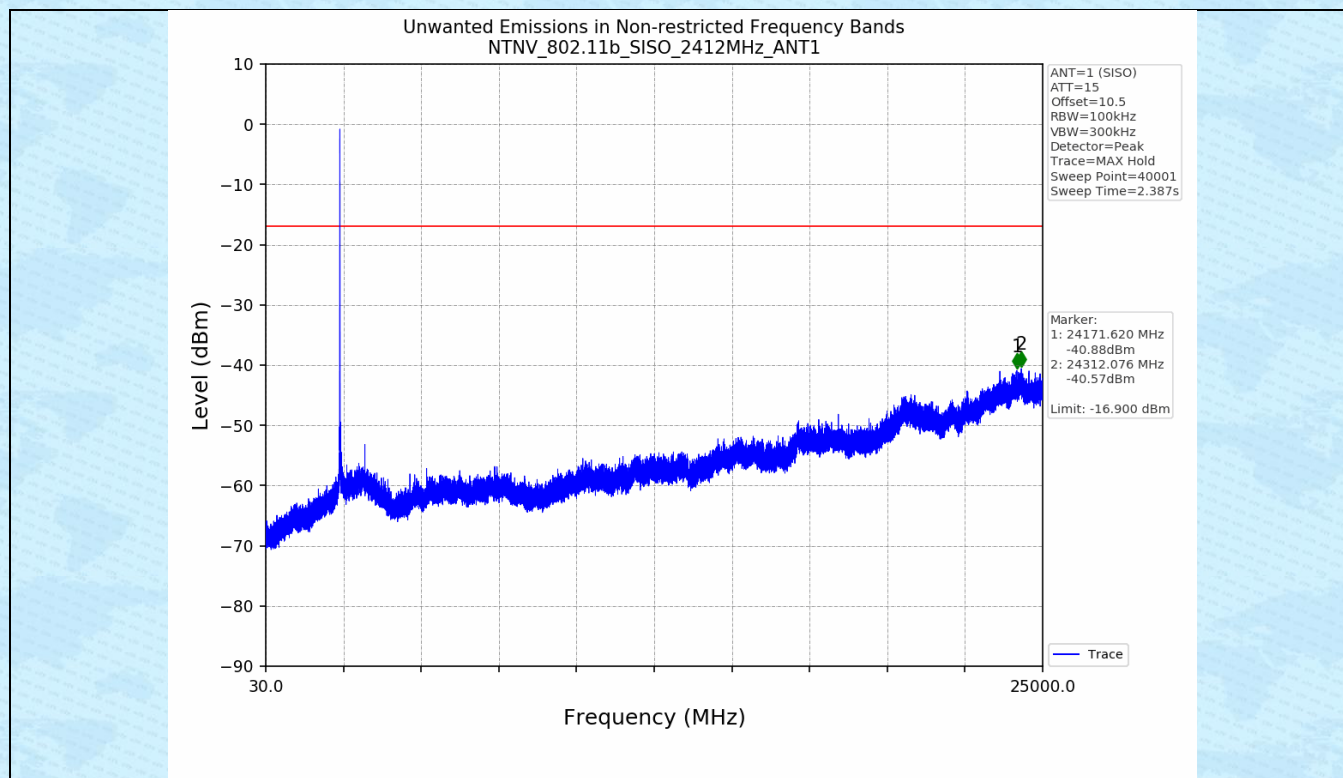
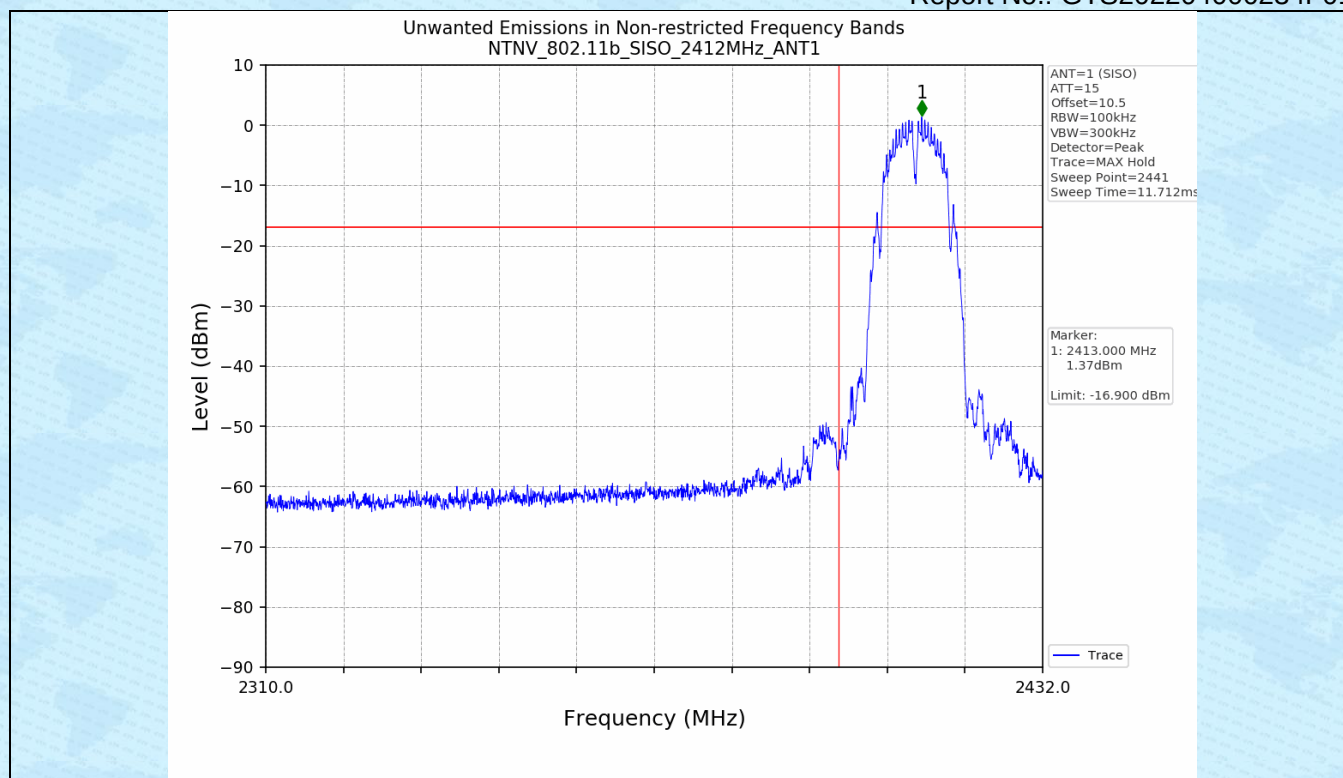
5. Unwanted Emissions in Non-restricted Frequency Bands

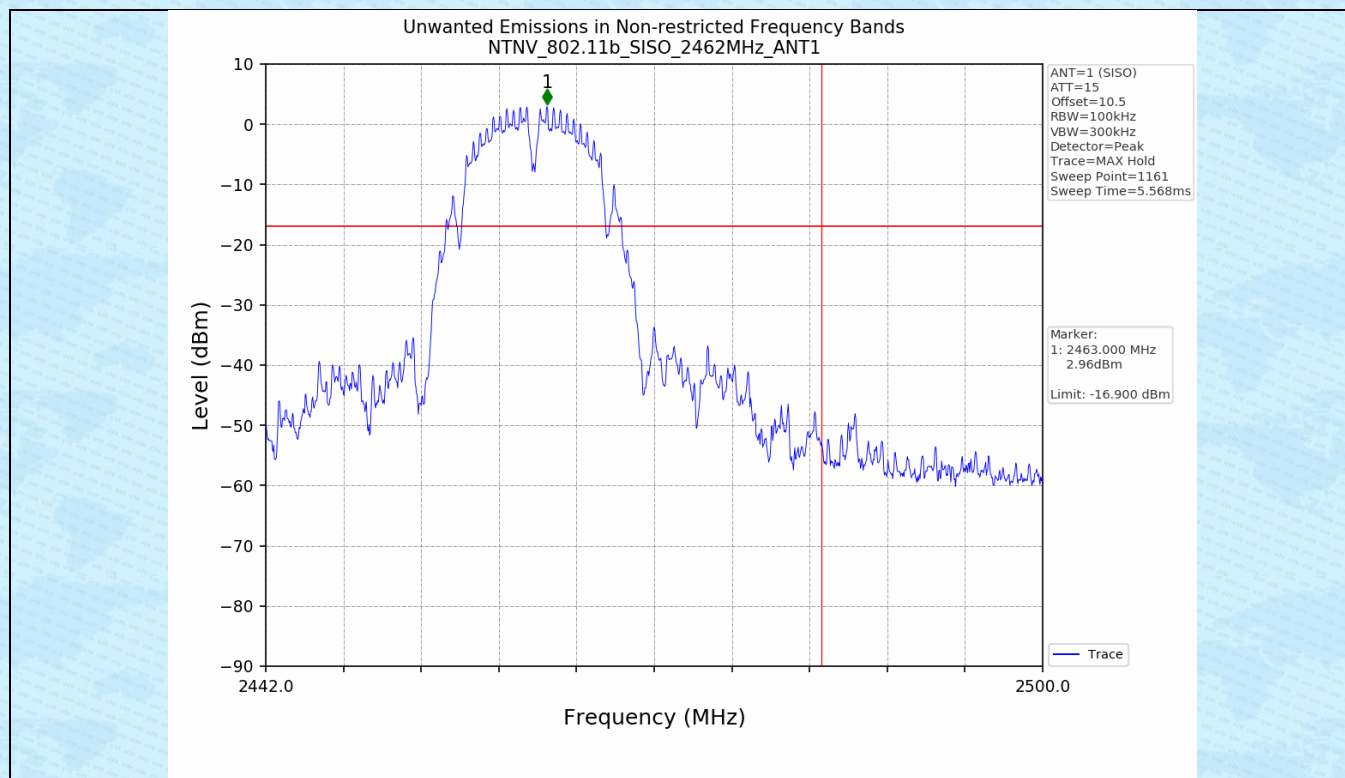
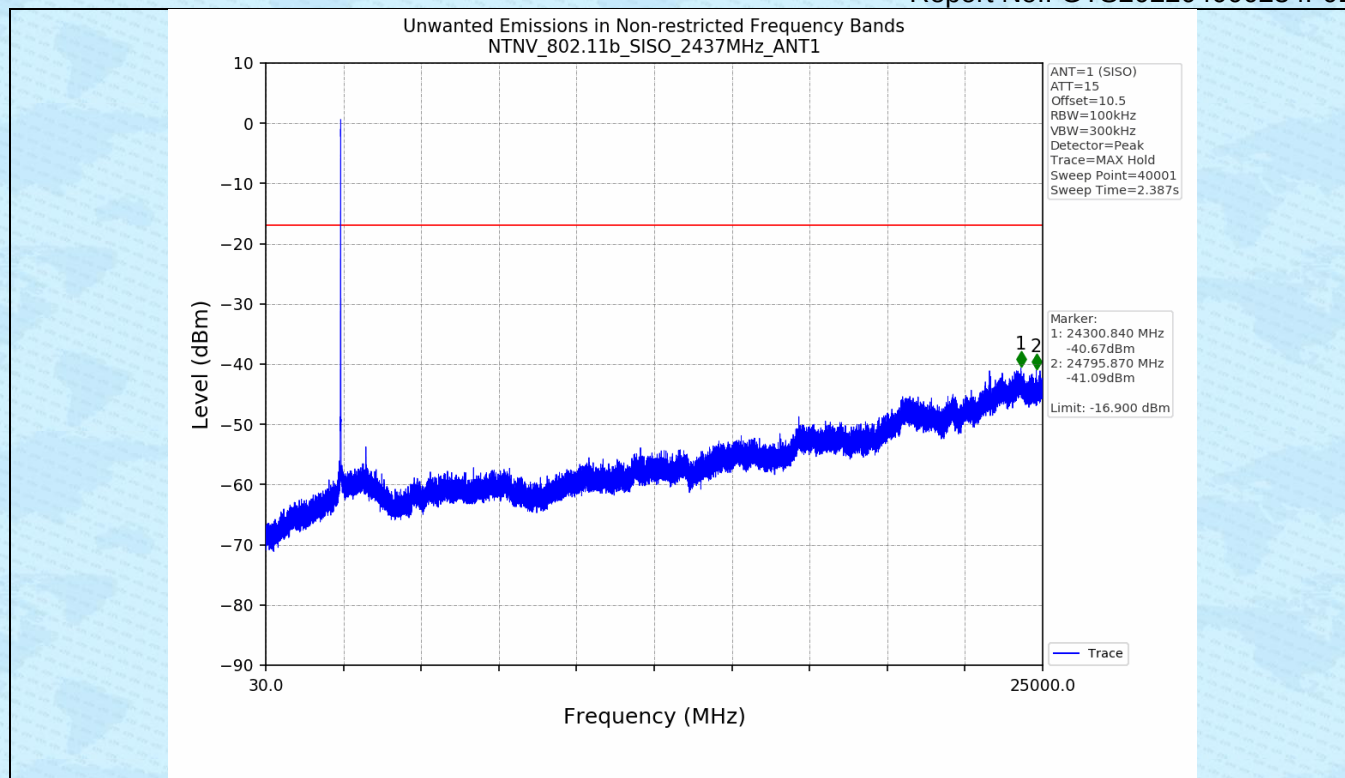
5.1 Test Result

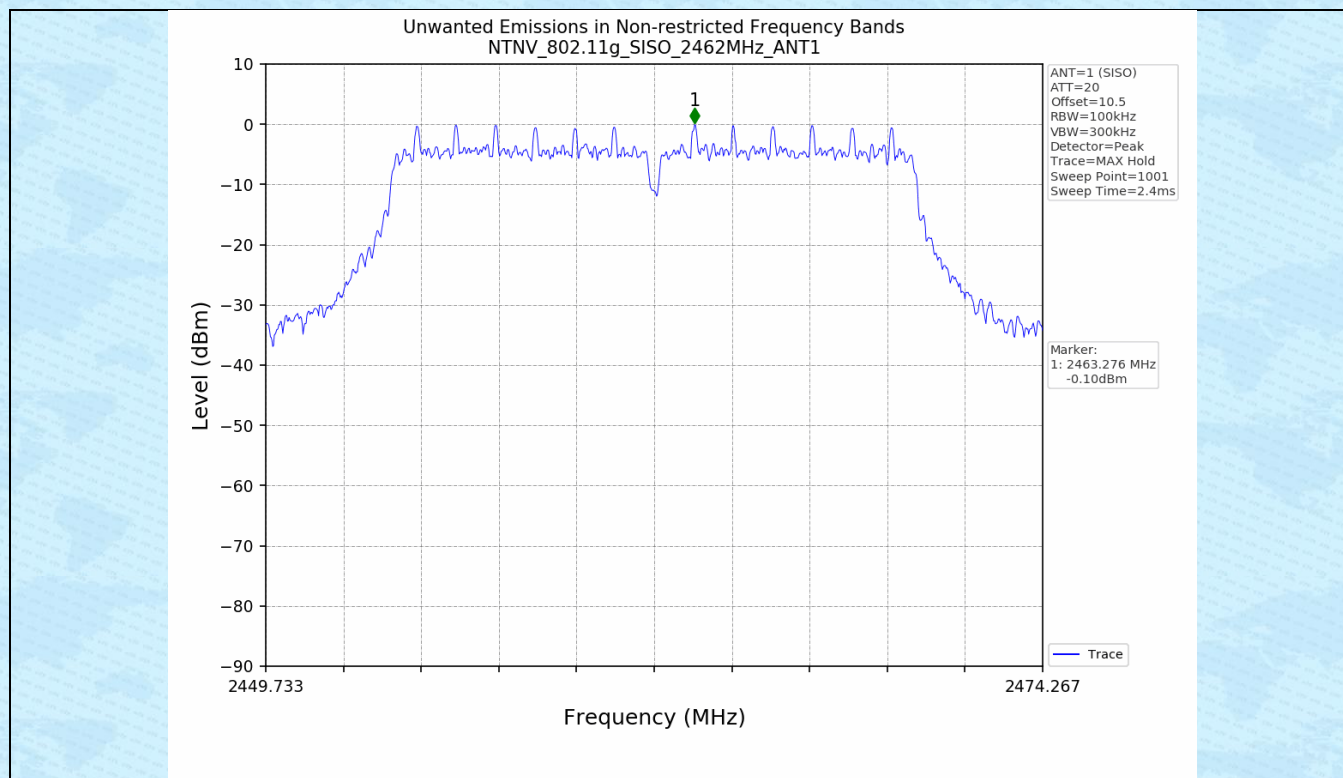
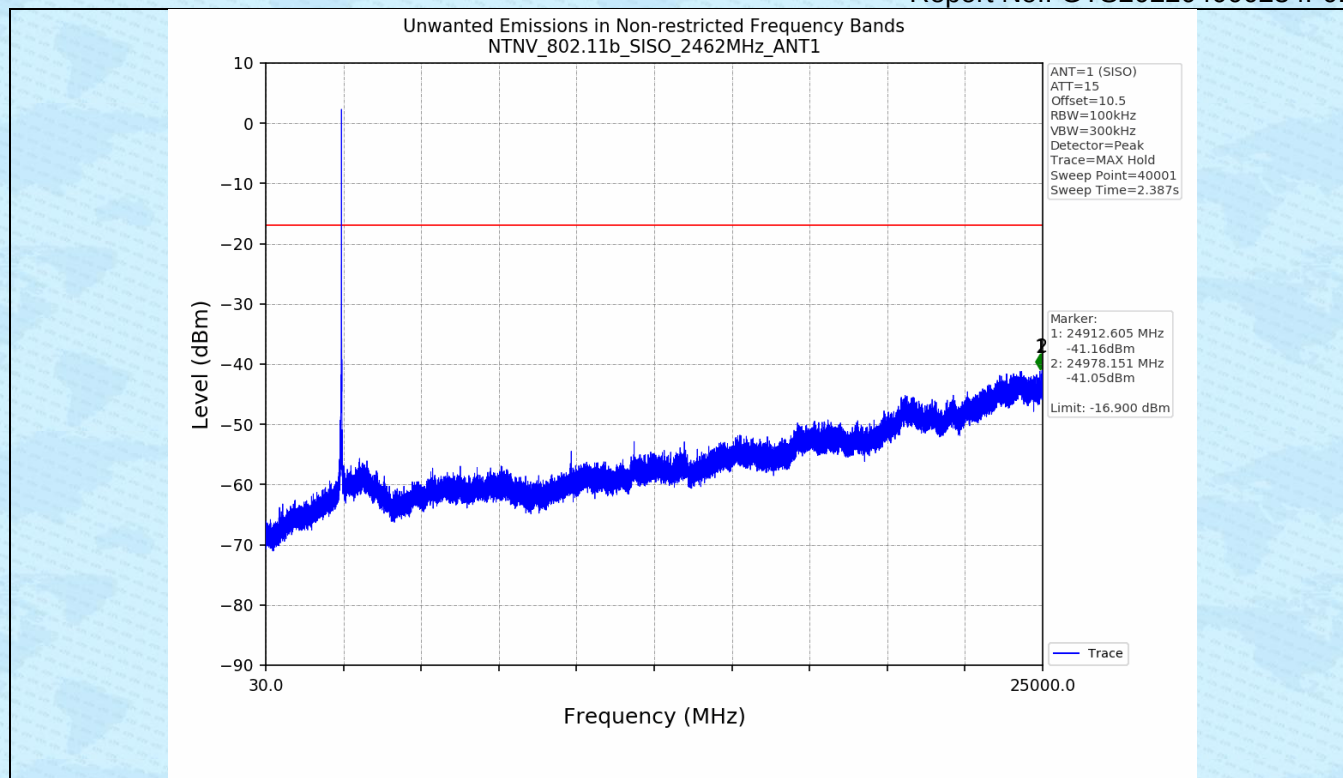
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	1	Refer to test graph	-16.90	PASS
	2437	SISO	1	Refer to test graph	-16.90	PASS
	2462	SISO	1	Refer to test graph	-16.90	PASS
802.11g	2412	SISO	1	Refer to test graph	-20.10	PASS
	2437	SISO	1	Refer to test graph	-20.10	PASS
	2462	SISO	1	Refer to test graph	-20.10	PASS
802.11n(HT20)	2412	SISO	1	Refer to test graph	-19.80	PASS
	2437	SISO	1	Refer to test graph	-19.80	PASS
	2462	SISO	1	Refer to test graph	-19.80	PASS

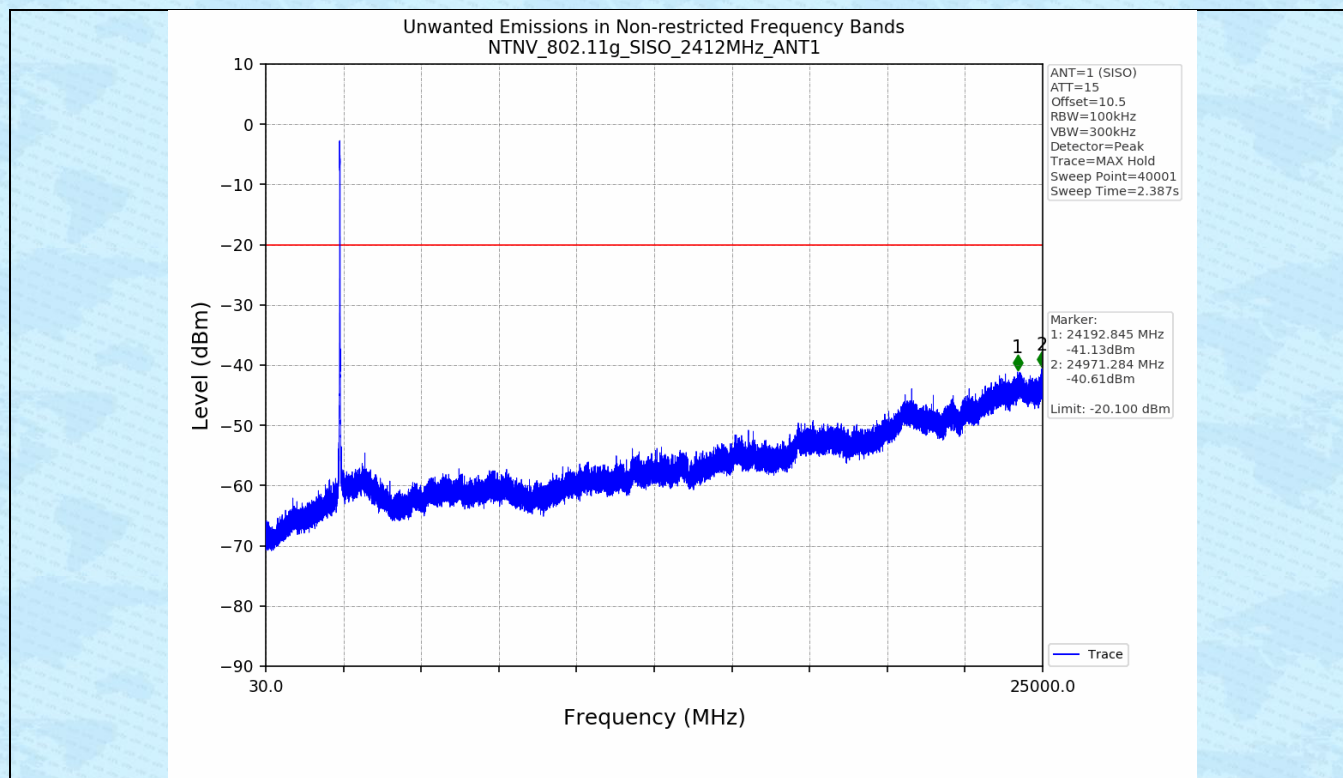
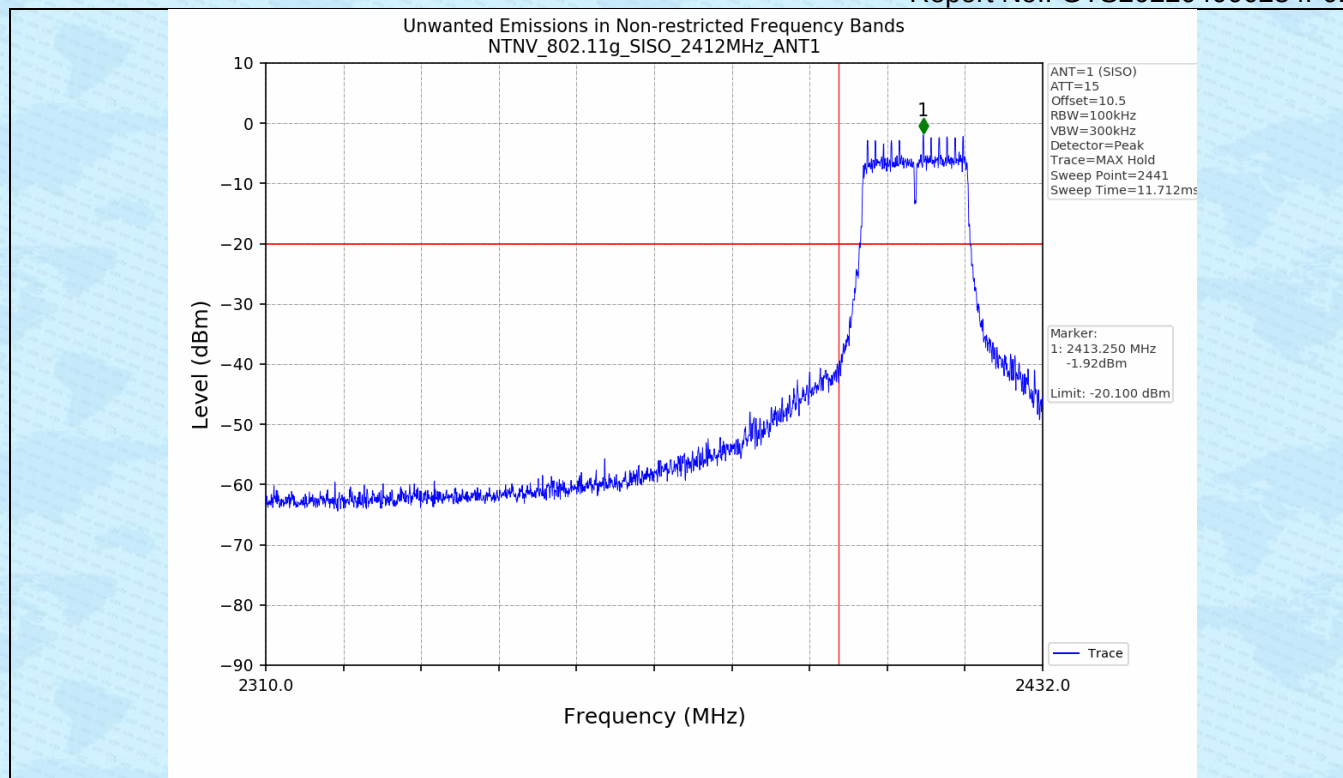
5.2 Test Graph

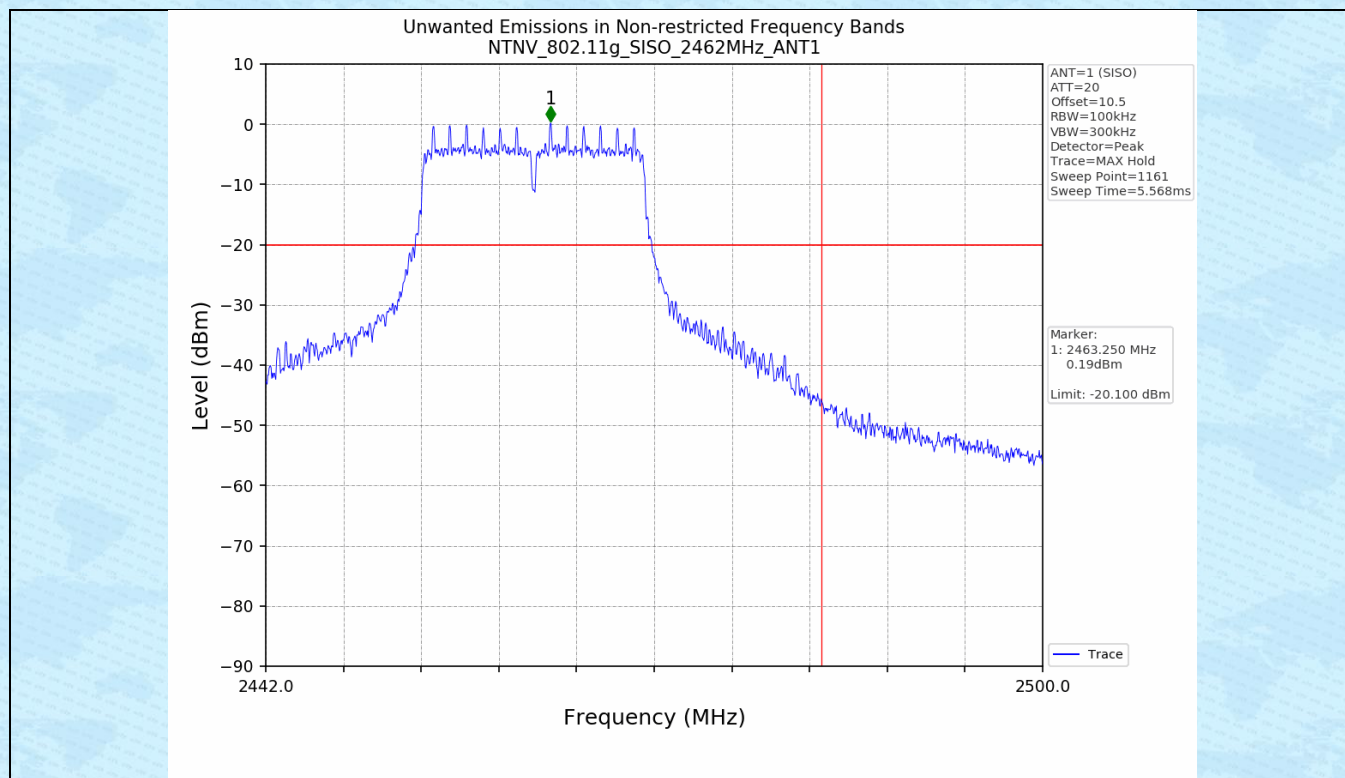
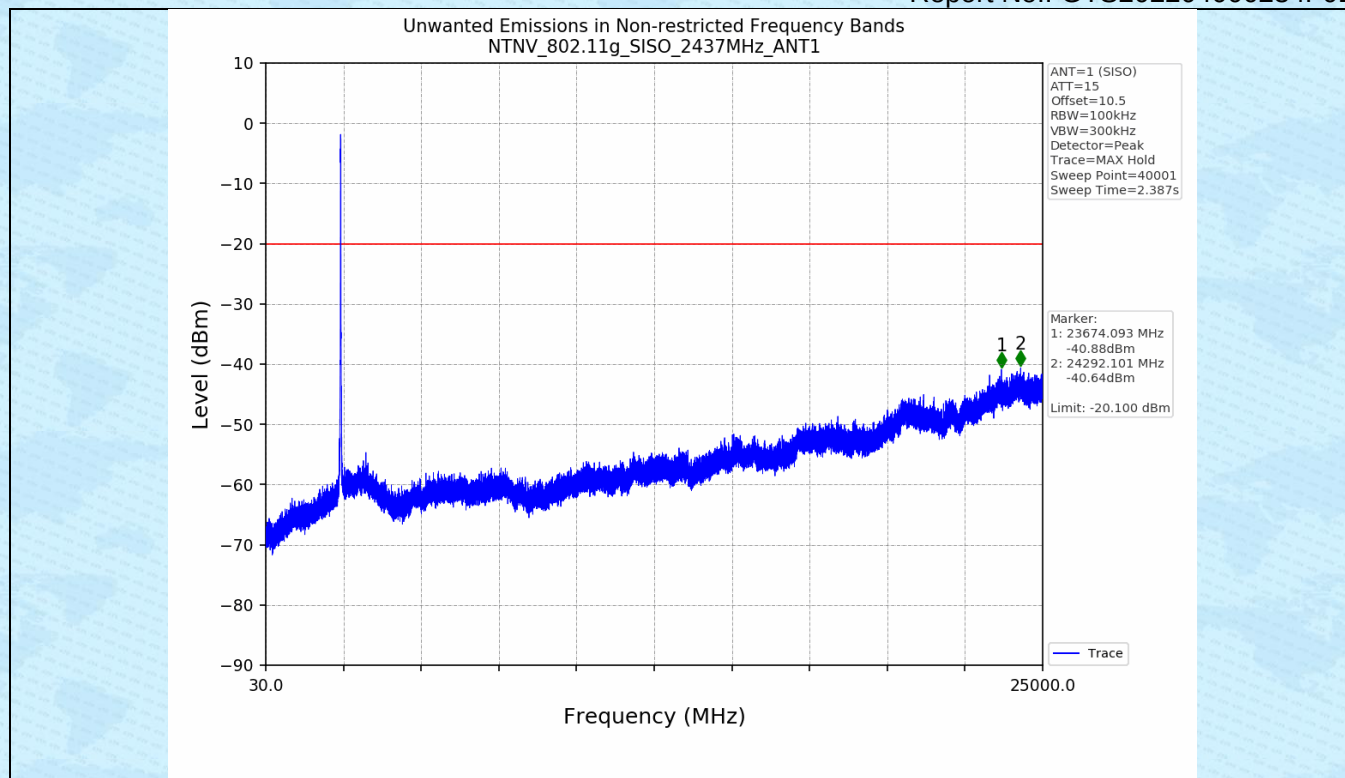


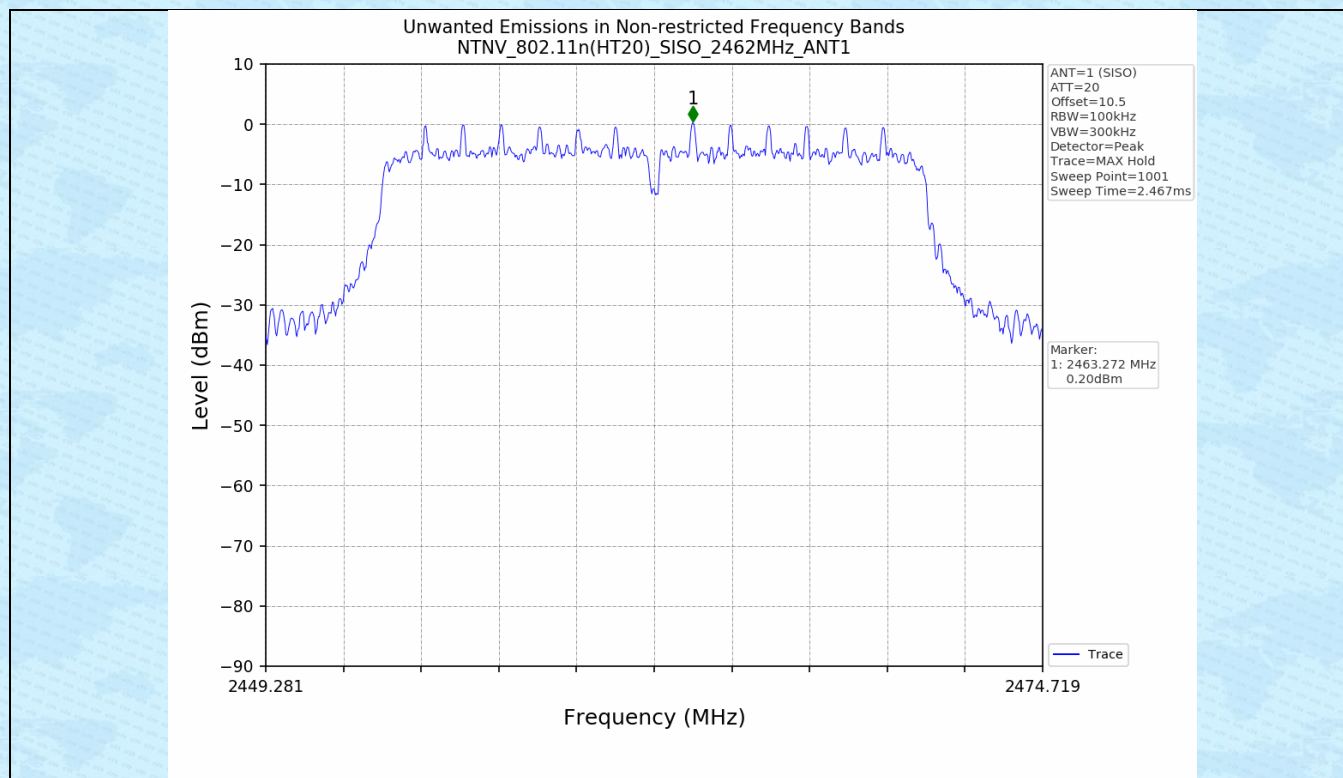
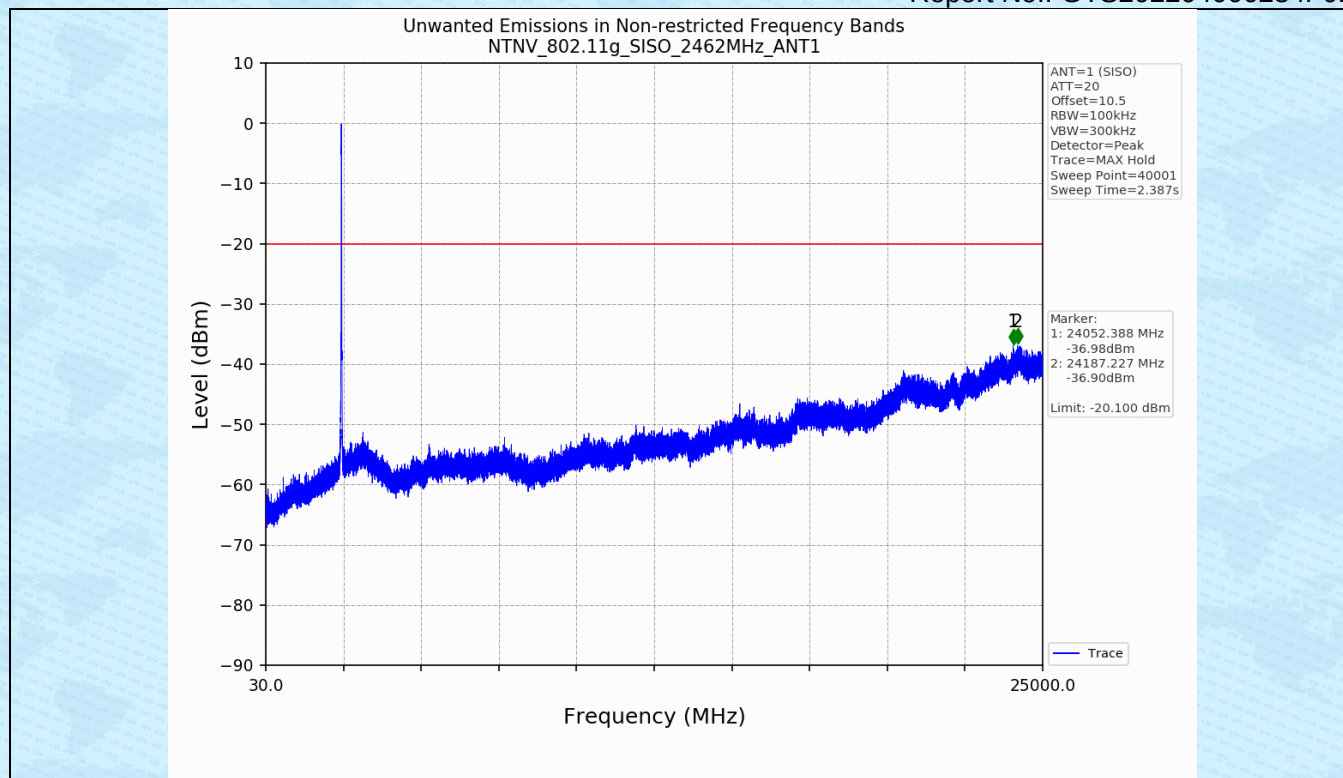


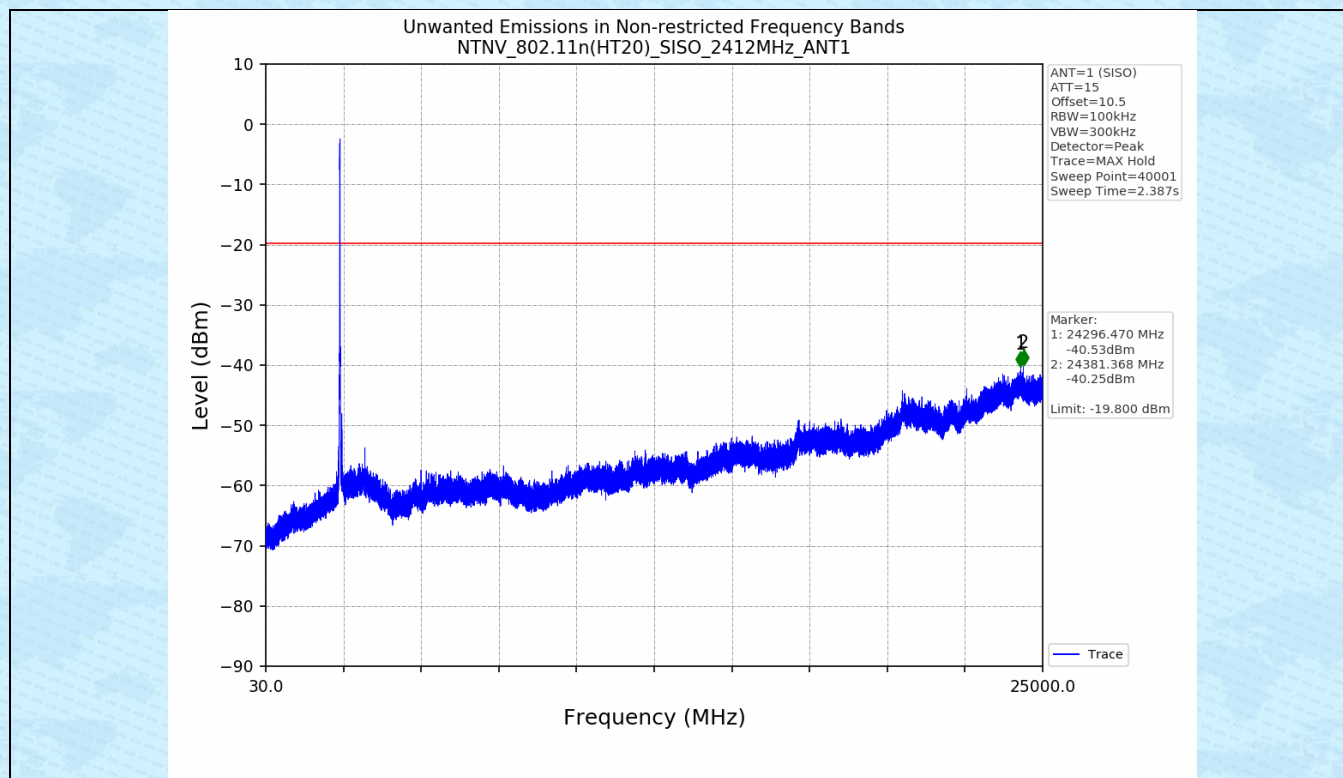
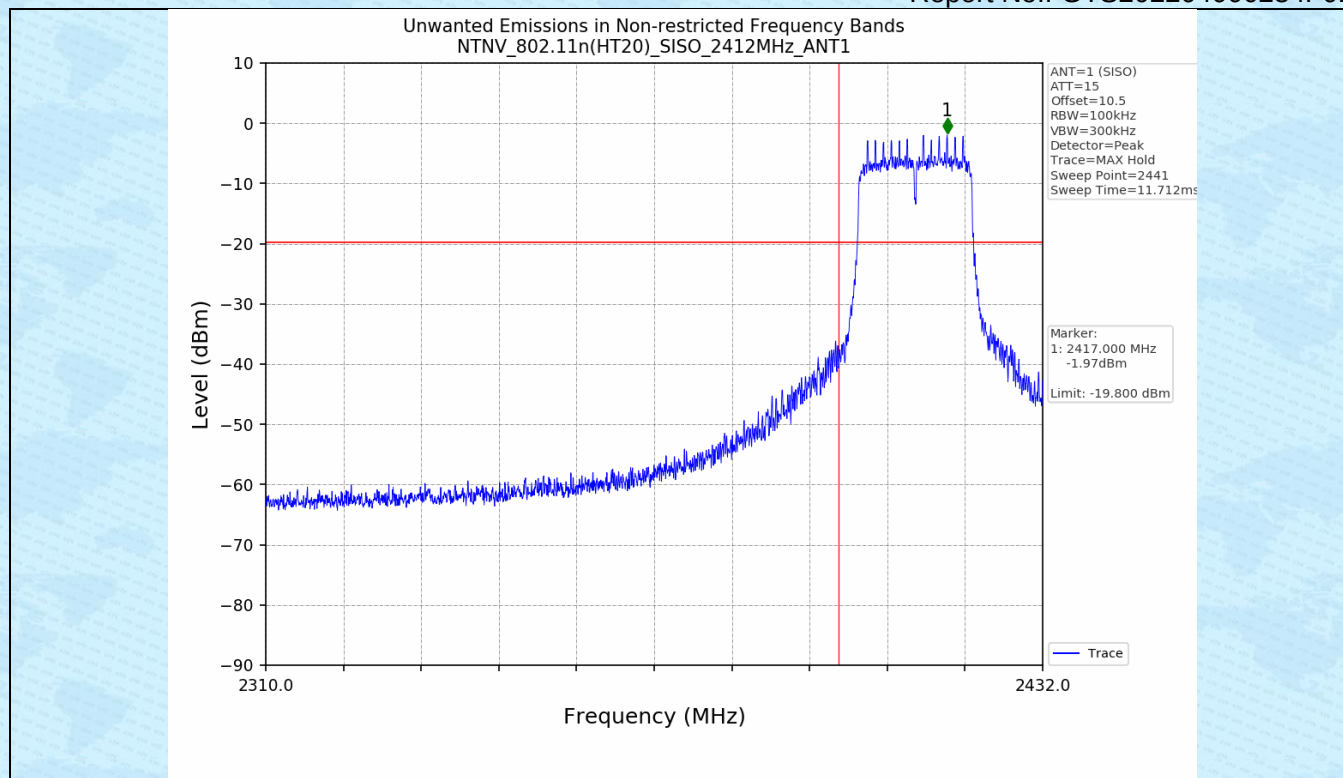


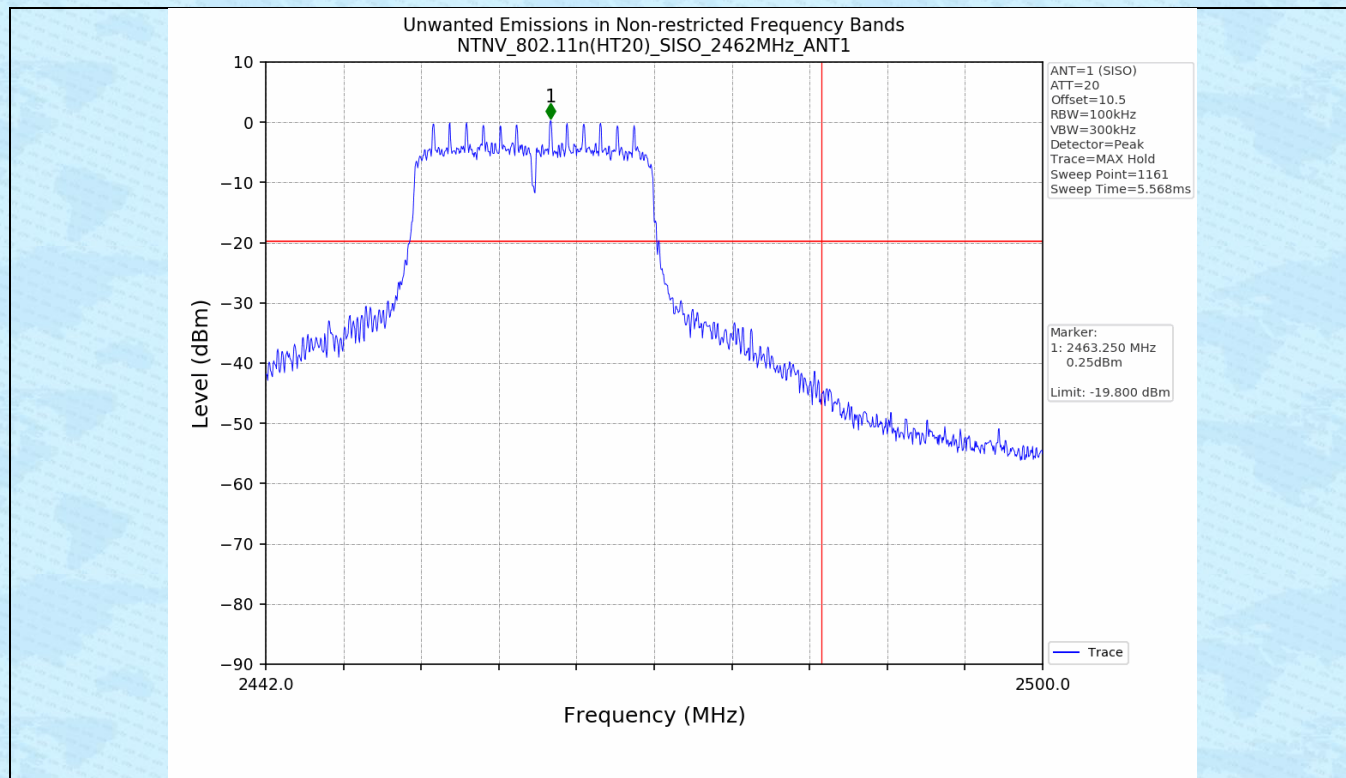
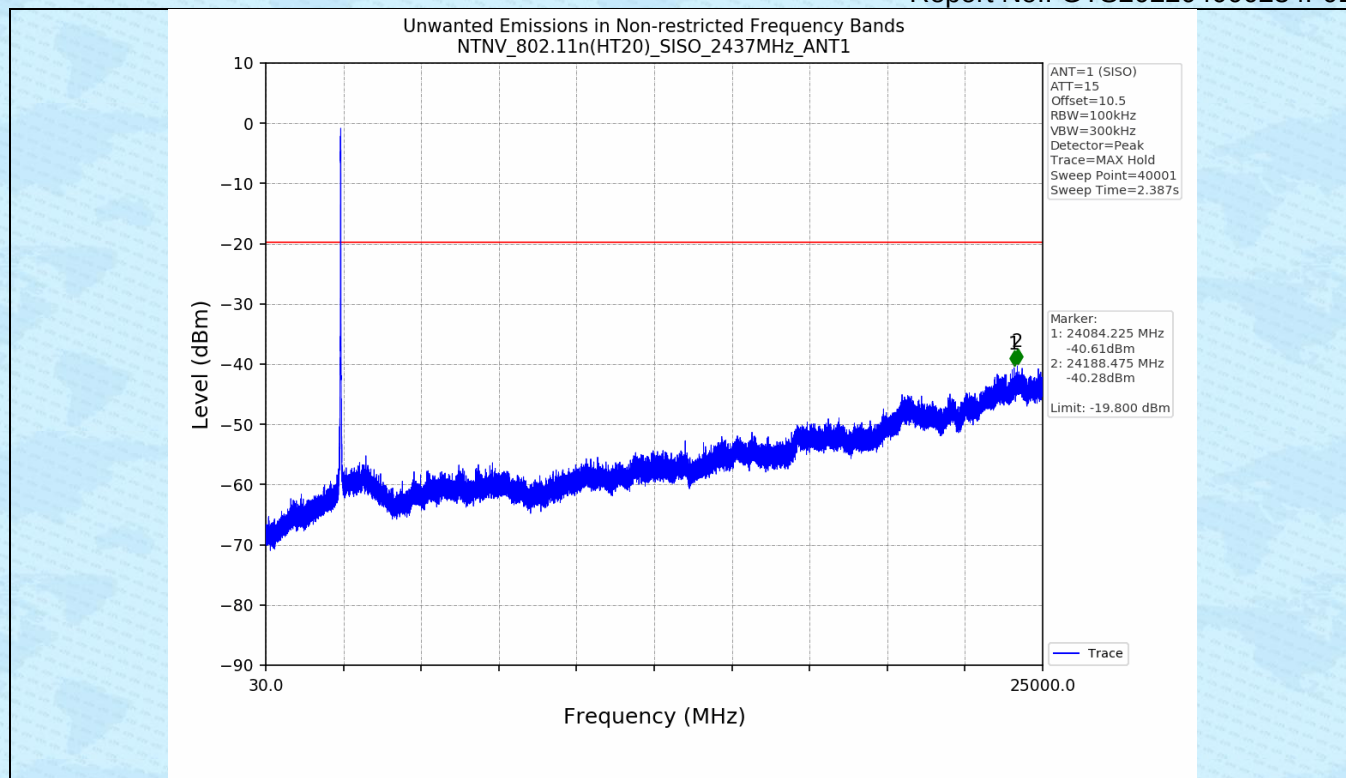


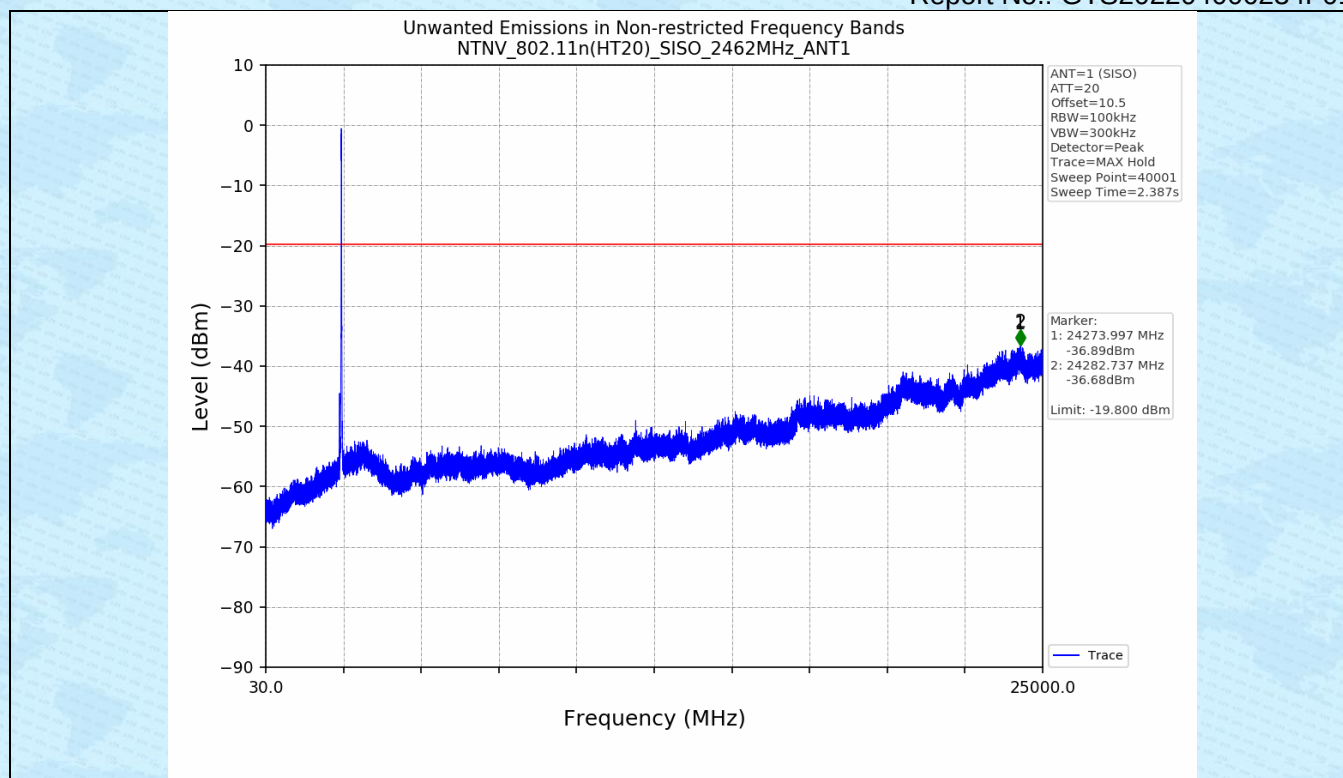












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