

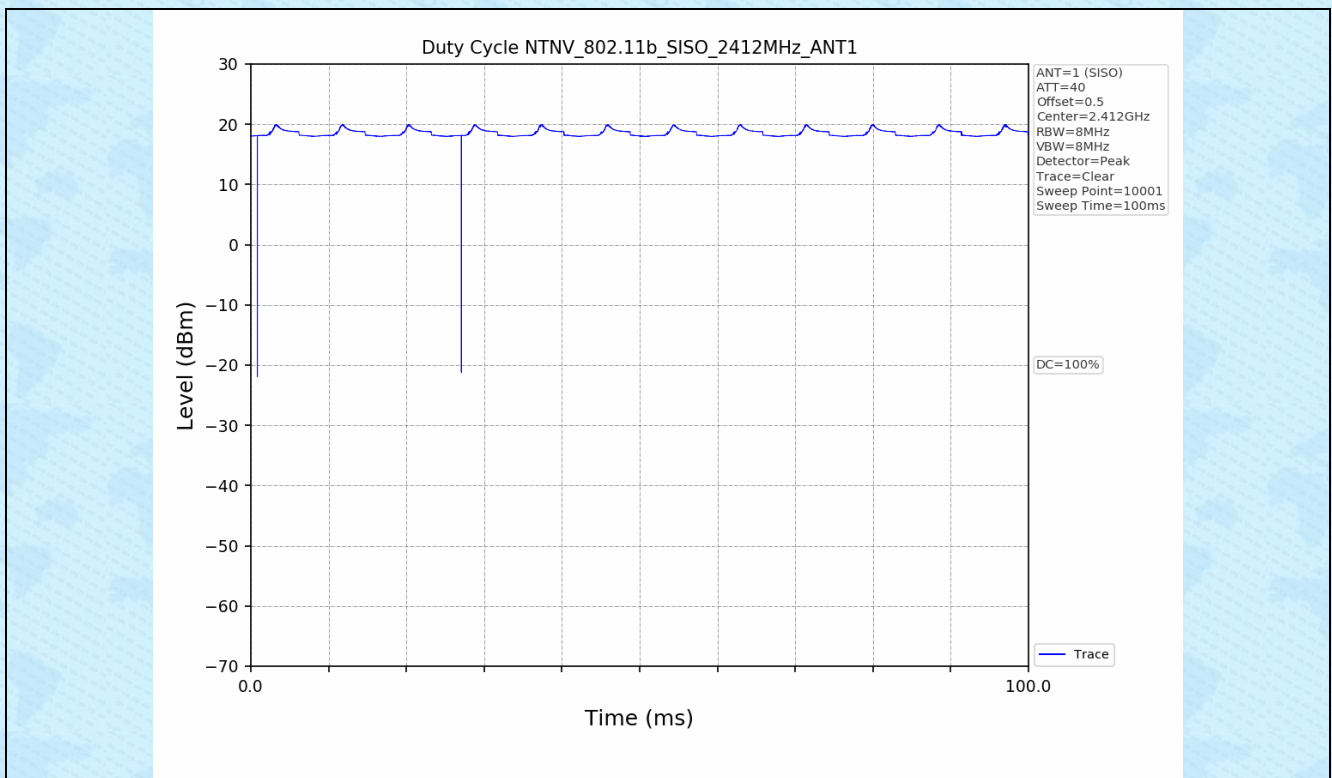
Appendix for 15.247

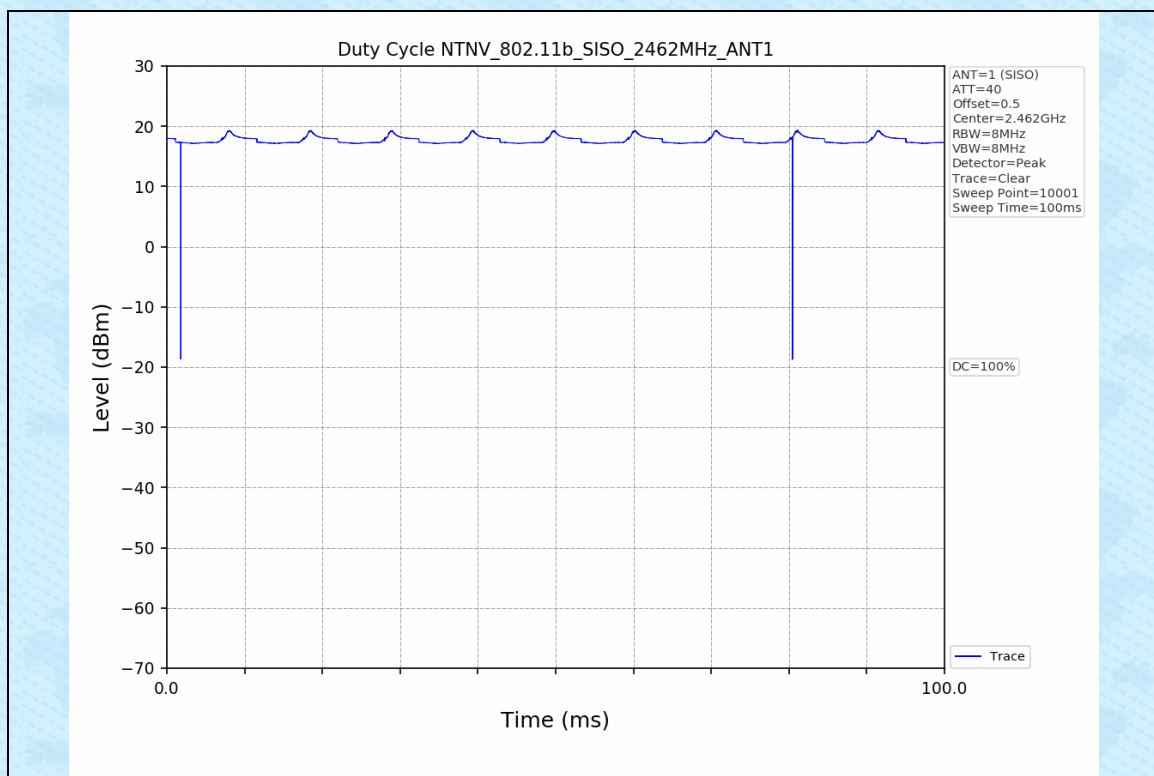
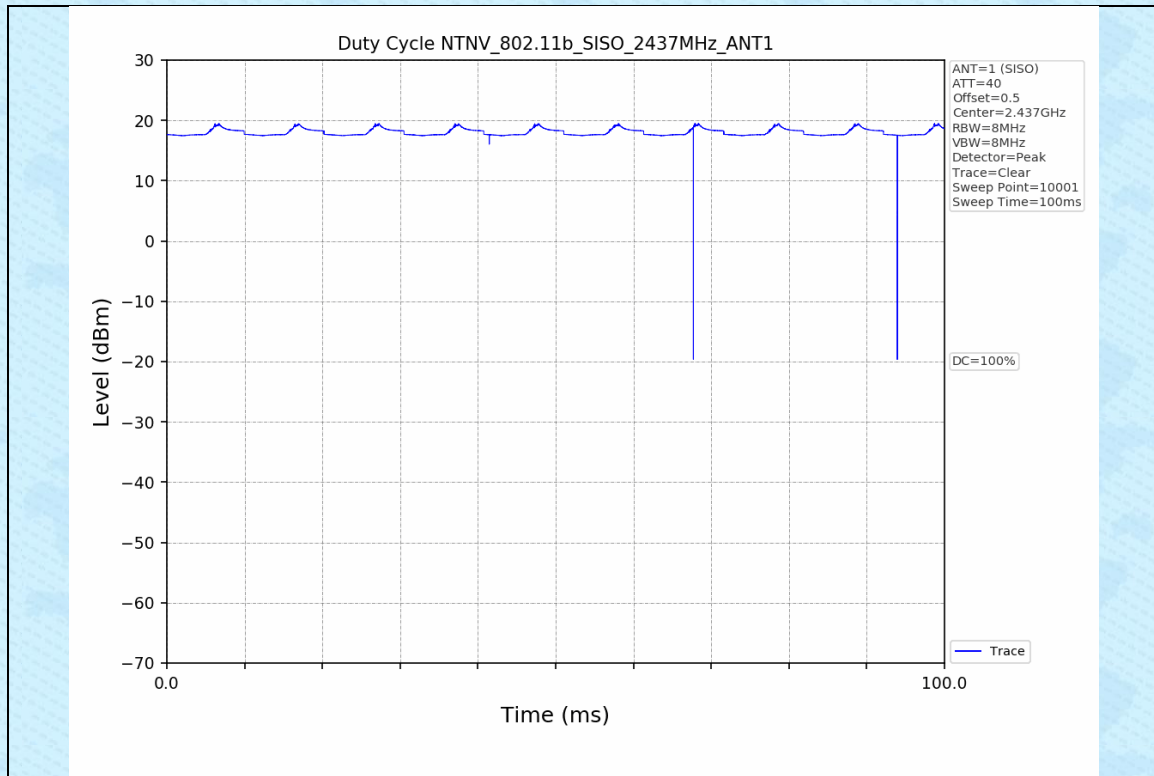
1. Duty Cycle

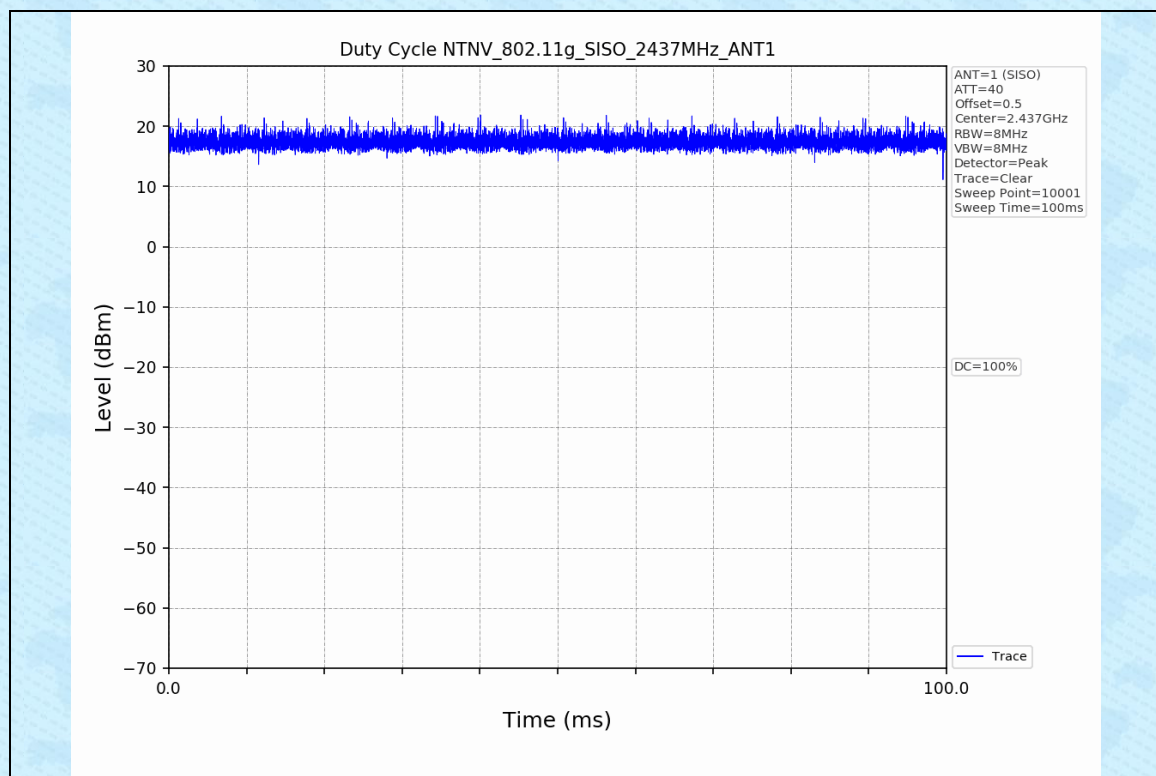
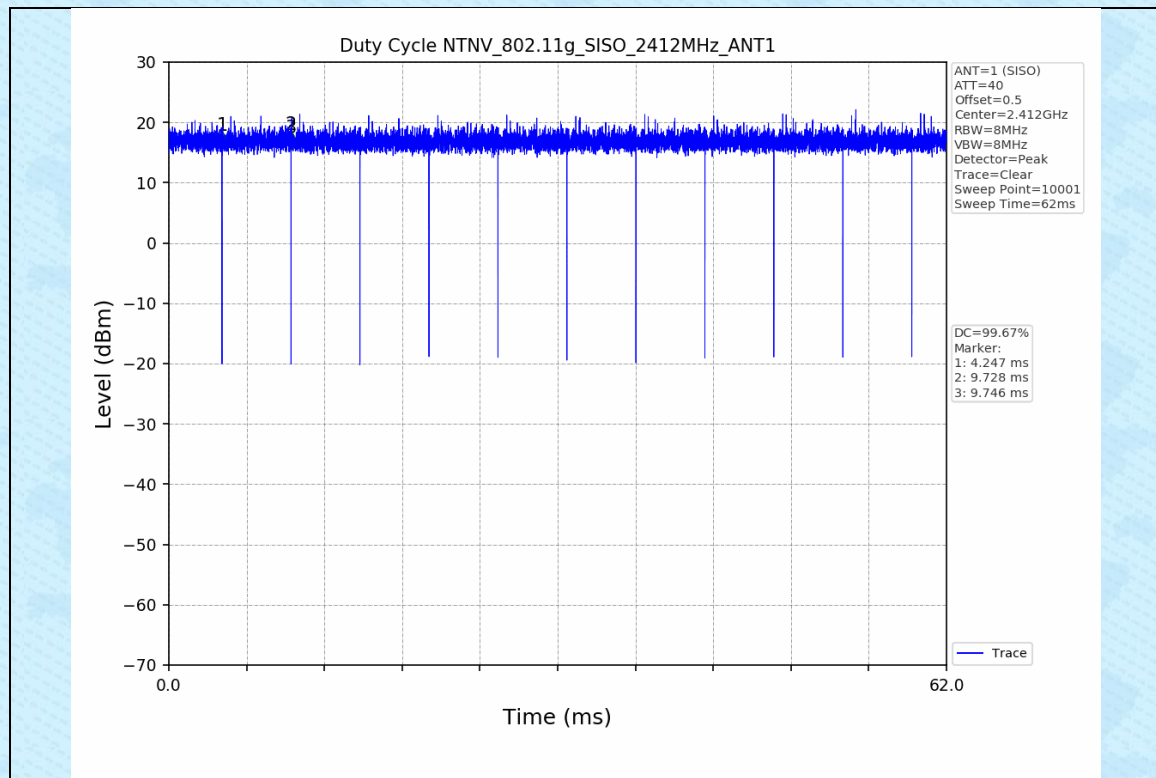
1.1 Test Result

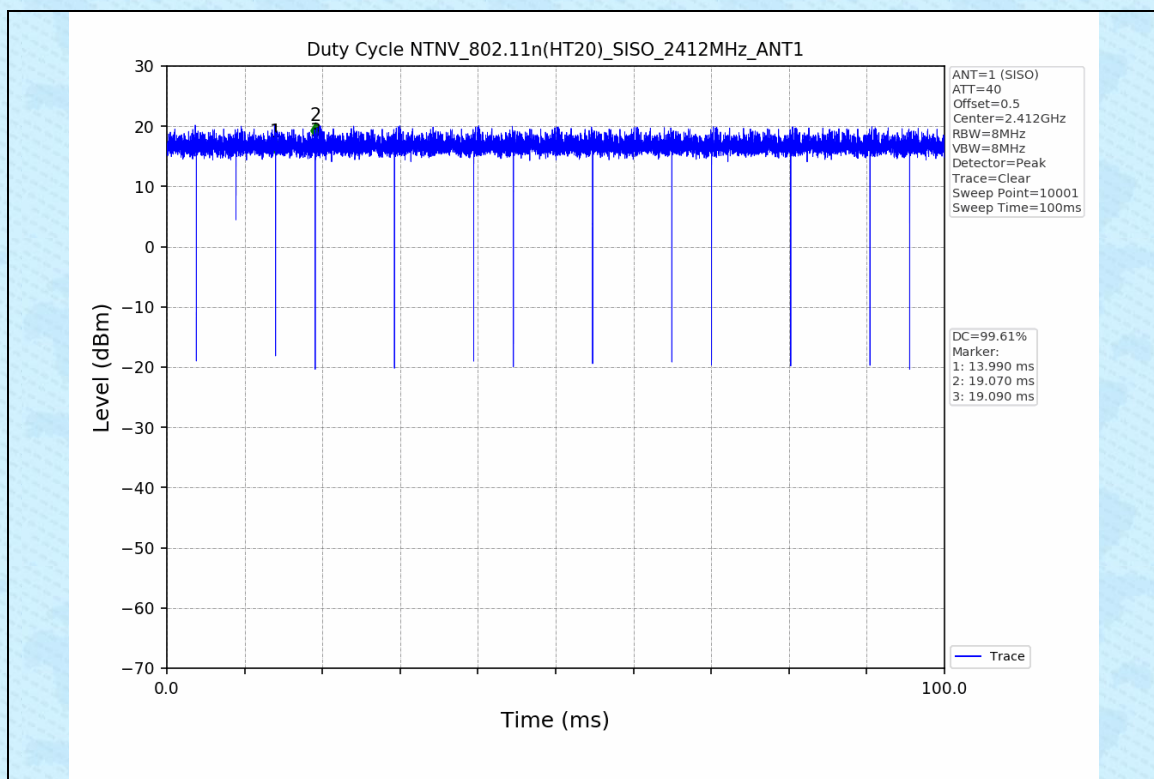
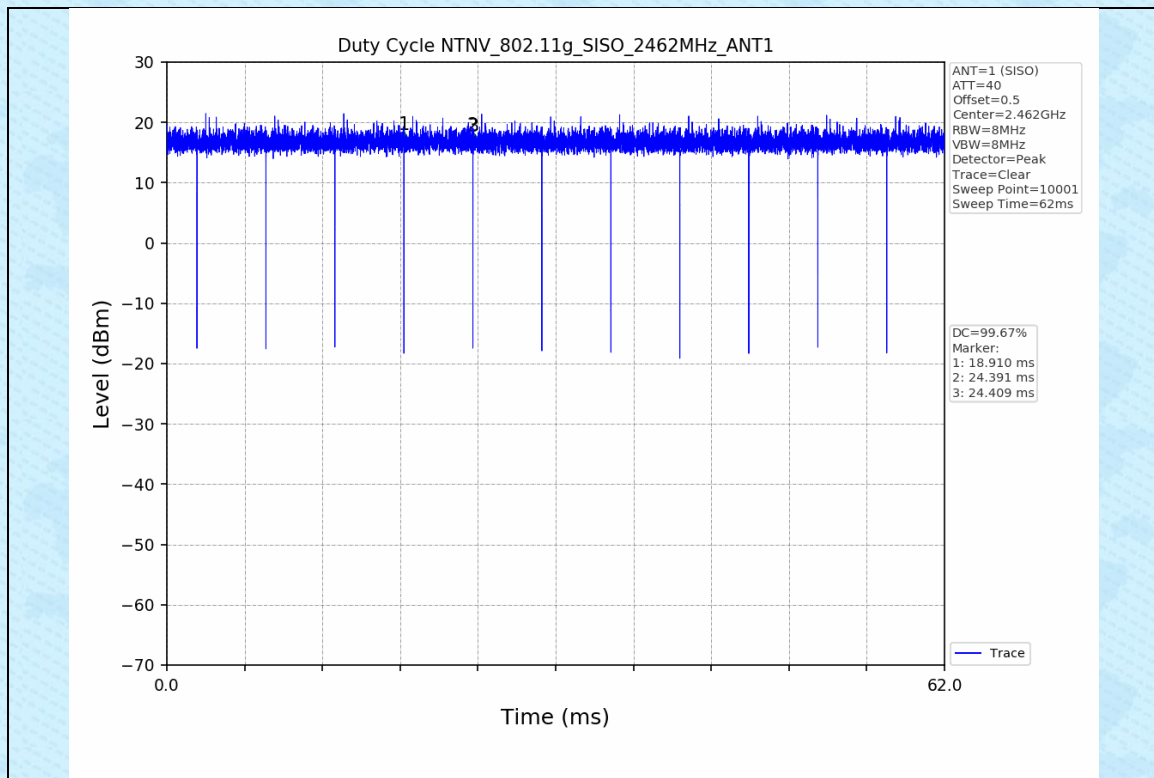
Test Mode	Channel Frequency(M Hz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11b	2412	SISO	1	100.000	100.000	100.00	0.00
	2437	SISO	1	100.000	100.000	100.00	0.00
	2462	SISO	1	100.000	100.000	100.00	0.00
802.11g	2412	SISO	1	5.481	5.499	99.67	0.01
	2437	SISO	1	100.000	100.000	100.00	0.00
	2462	SISO	1	5.481	5.499	99.67	0.01
802.11n(HT20)	2412	SISO	1	5.080	5.100	99.61	0.02
	2437	SISO	1	5.080	5.100	99.61	0.02
	2462	SISO	1	5.080	5.100	99.61	0.02

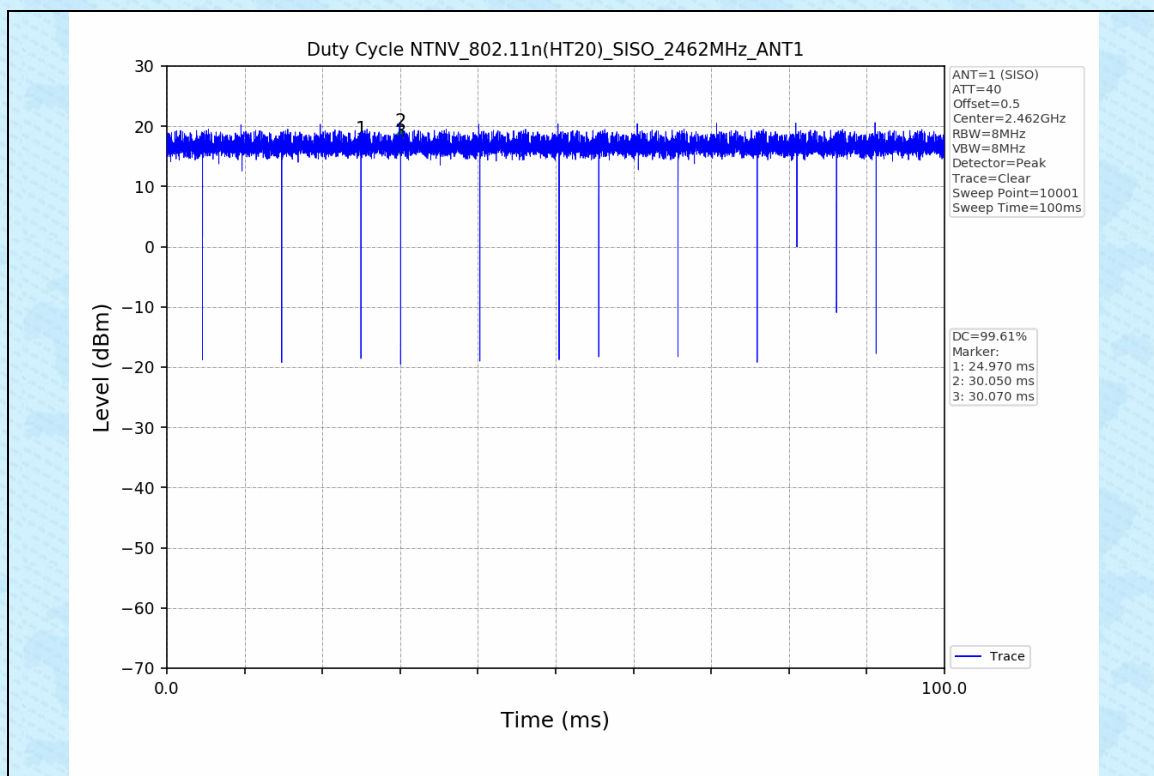
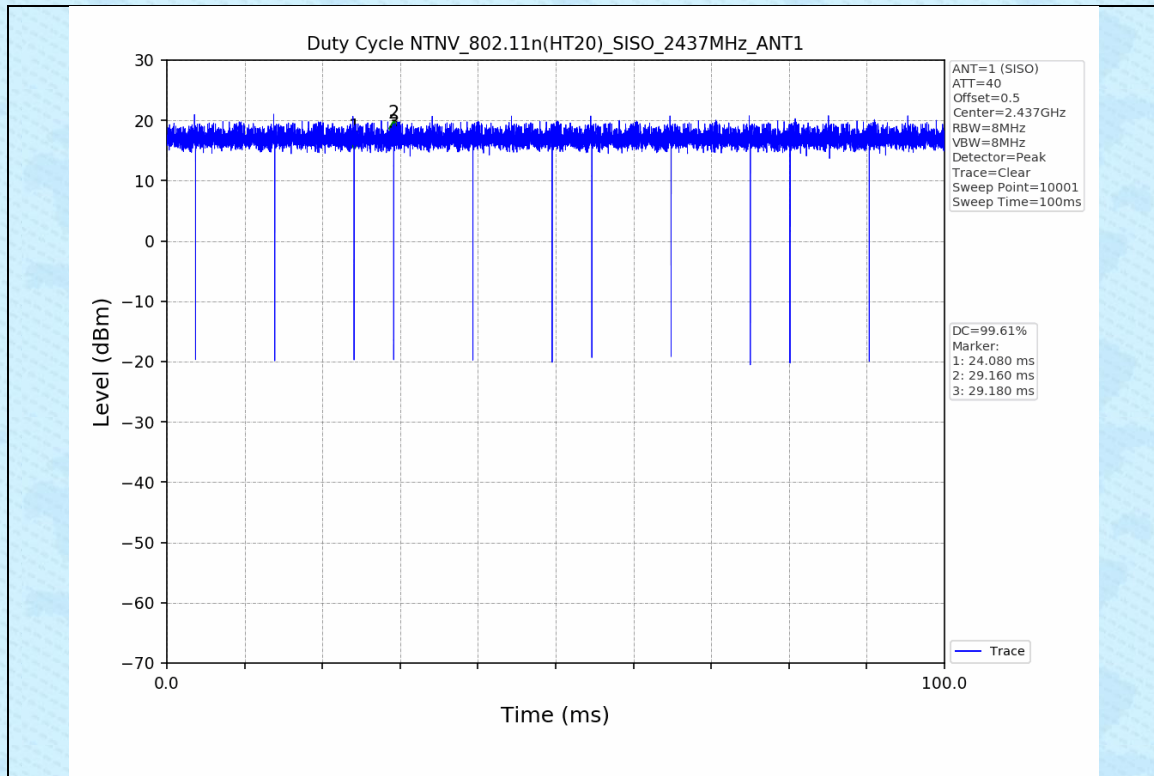
1.2 Test Graph











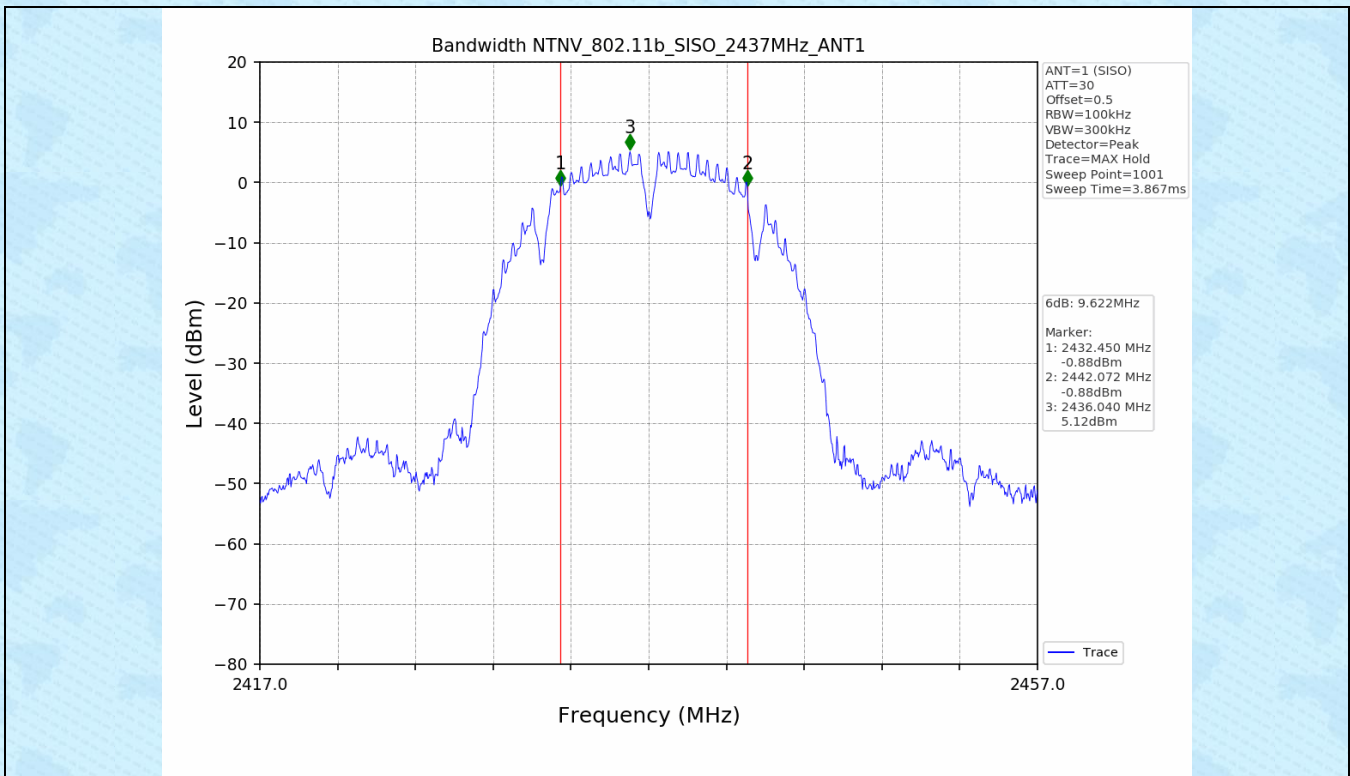
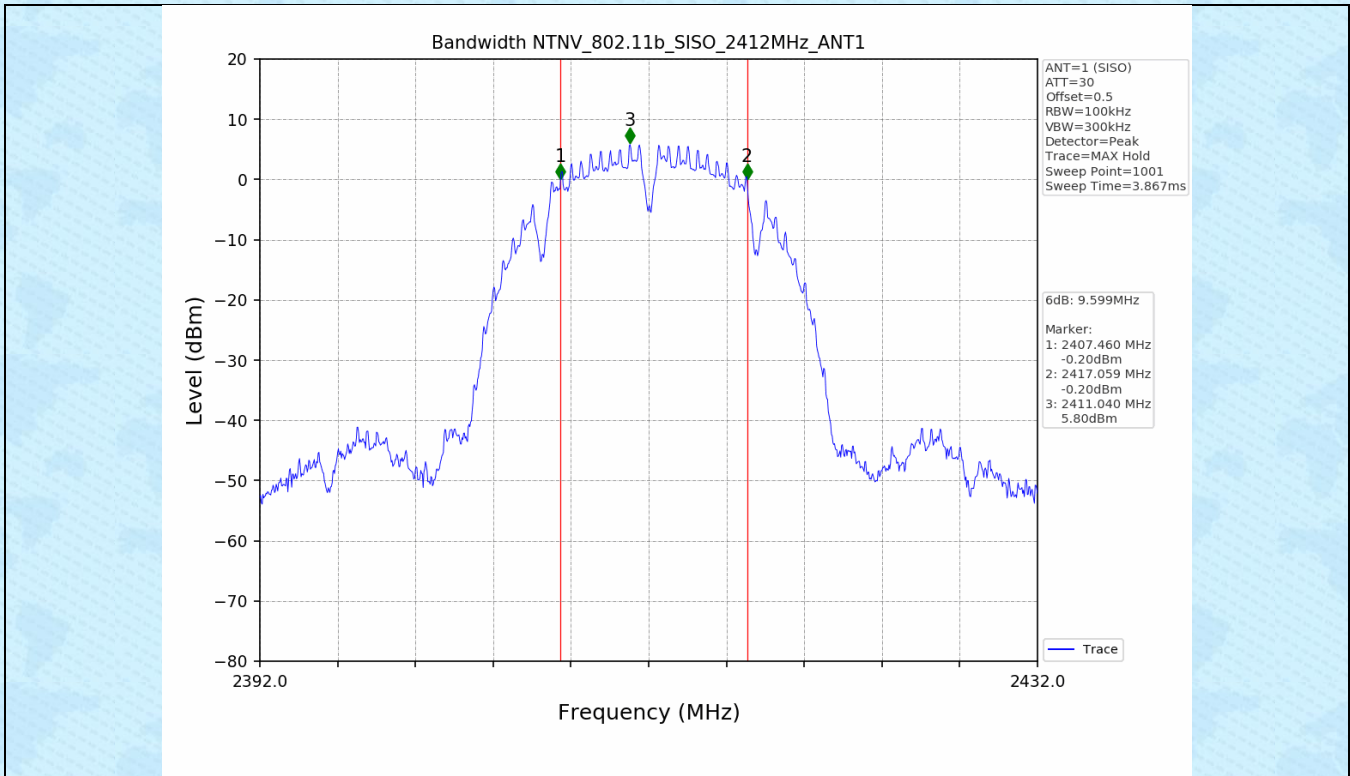
2. Bandwidth

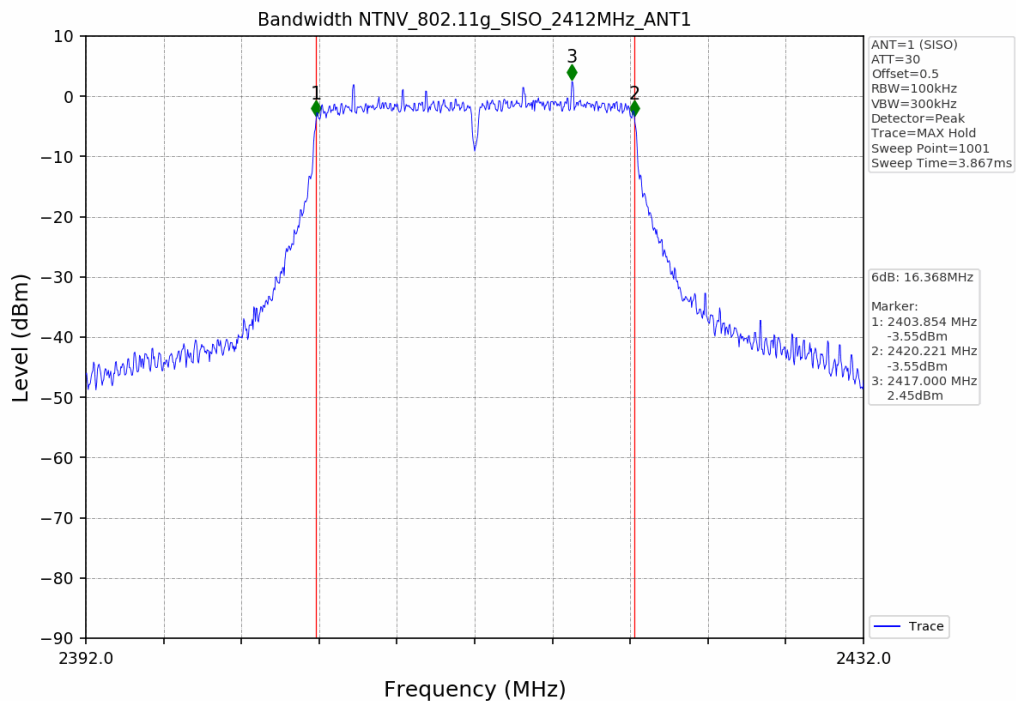
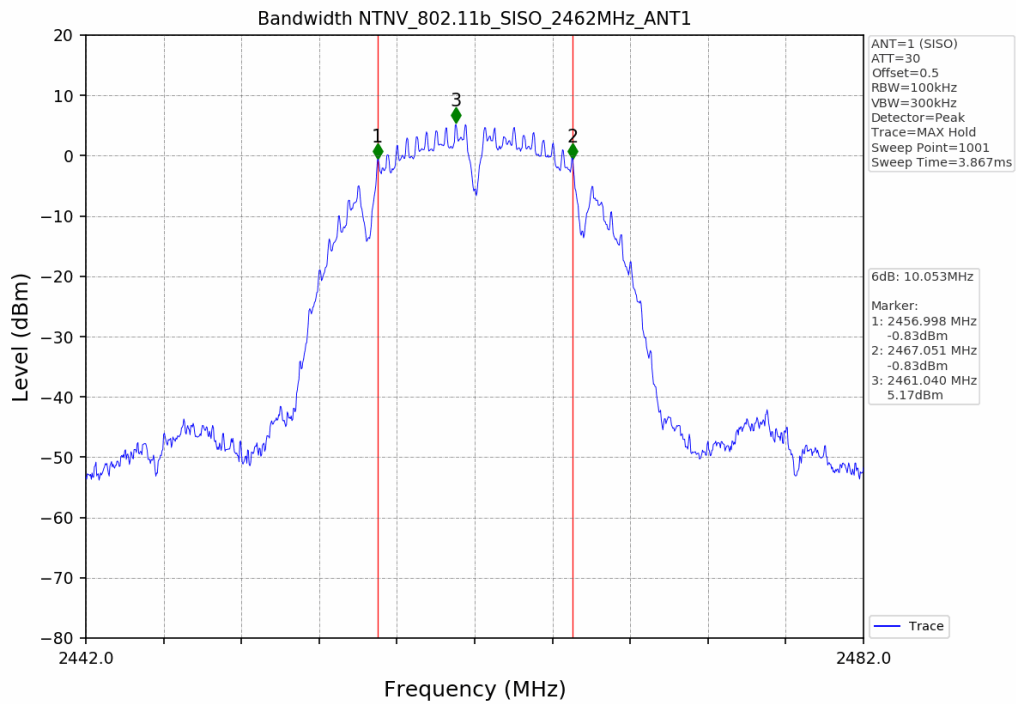
2.1 Test Result

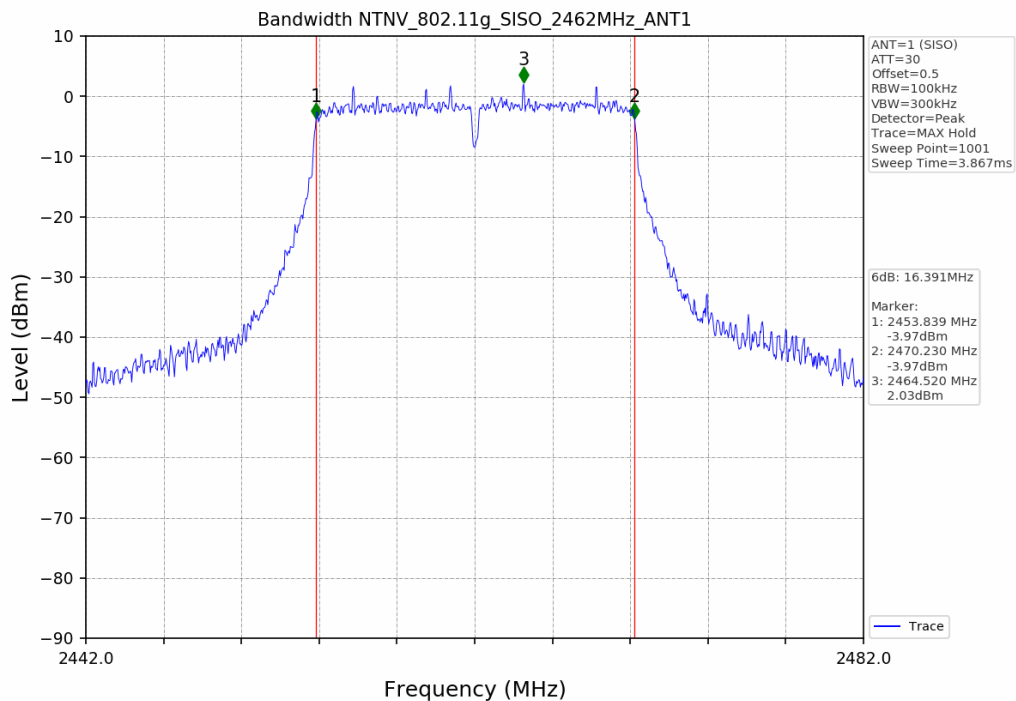
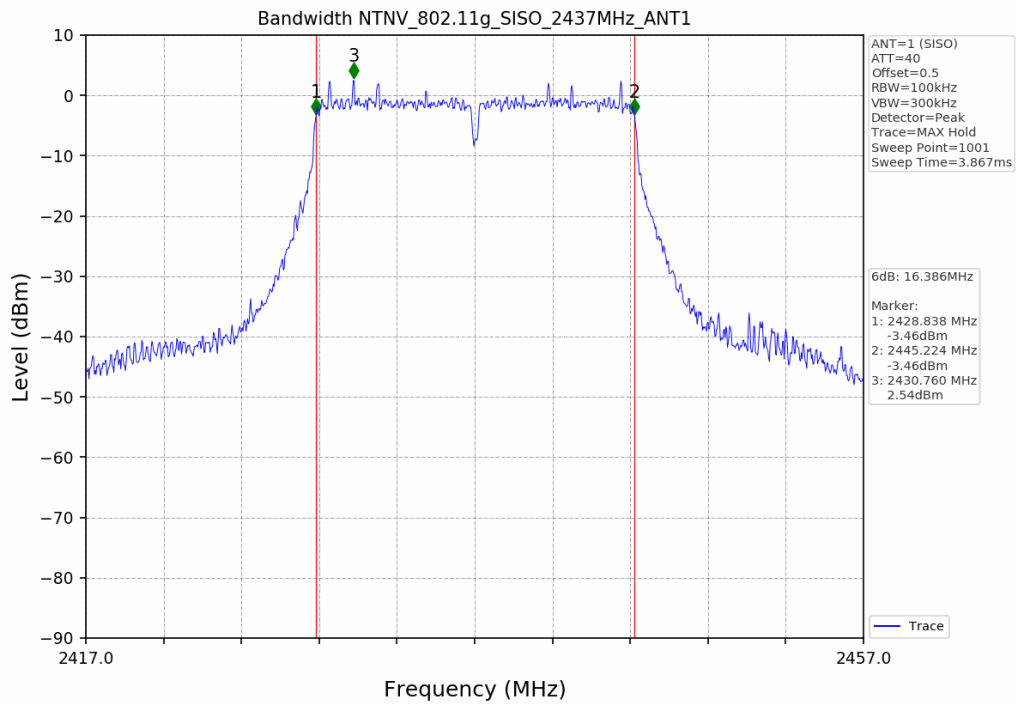
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11b	2412	SISO	1	9.599	≥0.5	PASS
	2437	SISO	1	9.622	≥0.5	PASS
	2462	SISO	1	10.053	≥0.5	PASS
802.11g	2412	SISO	1	16.368	≥0.5	PASS
	2437	SISO	1	16.386	≥0.5	PASS
	2462	SISO	1	16.391	≥0.5	PASS
802.11n(HT20)	2412	SISO	1	17.174	≥0.5	PASS
	2437	SISO	1	17.210	≥0.5	PASS
	2462	SISO	1	17.056	≥0.5	PASS

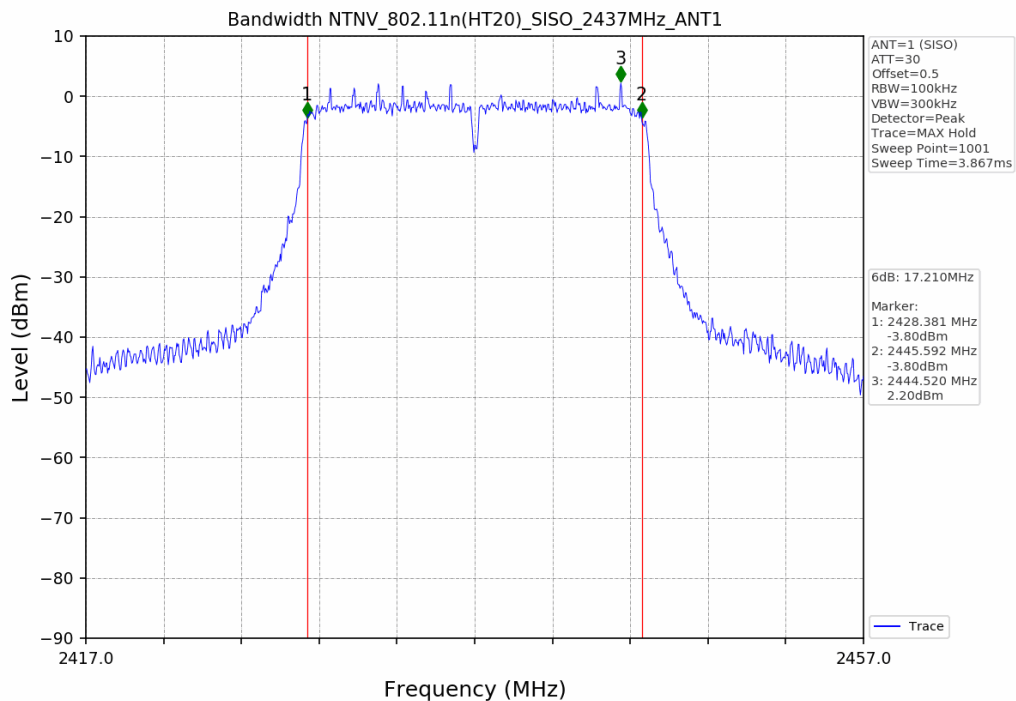
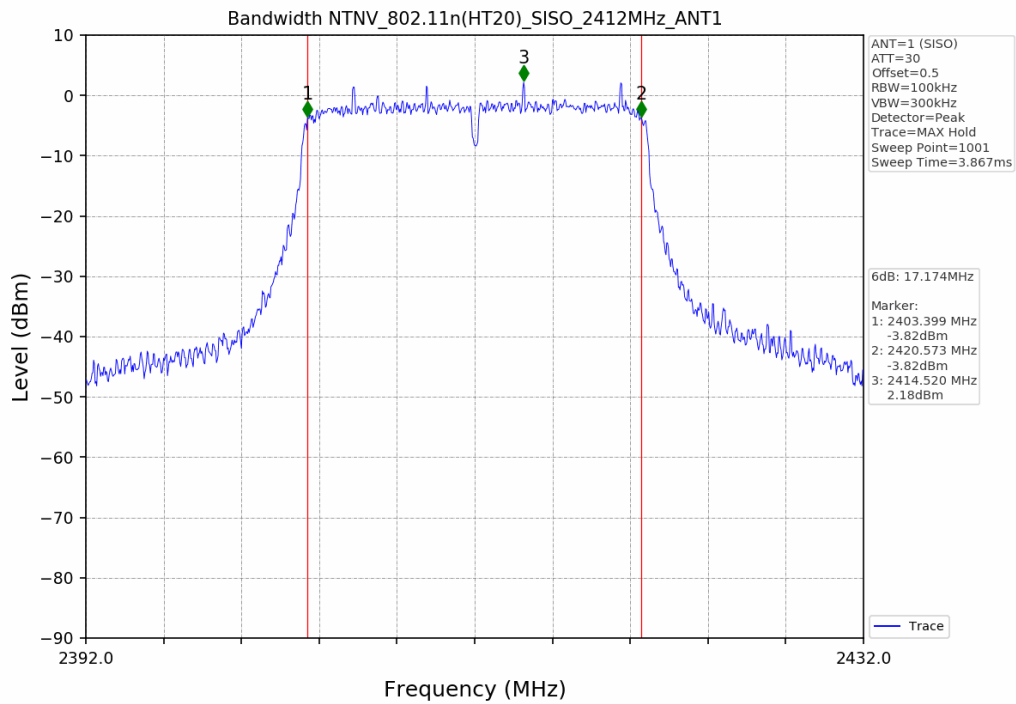
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	13.150	Only for Report Use
	2437	SISO	1	13.165	Only for Report Use
	2462	SISO	1	13.155	Only for Report Use
802.11g	2412	SISO	1	16.636	Only for Report Use
	2437	SISO	1	16.660	Only for Report Use
	2462	SISO	1	16.639	Only for Report Use
802.11n(HT20)	2412	SISO	1	17.622	Only for Report Use
	2437	SISO	1	17.644	Only for Report Use
	2462	SISO	1	17.611	Only for Report Use

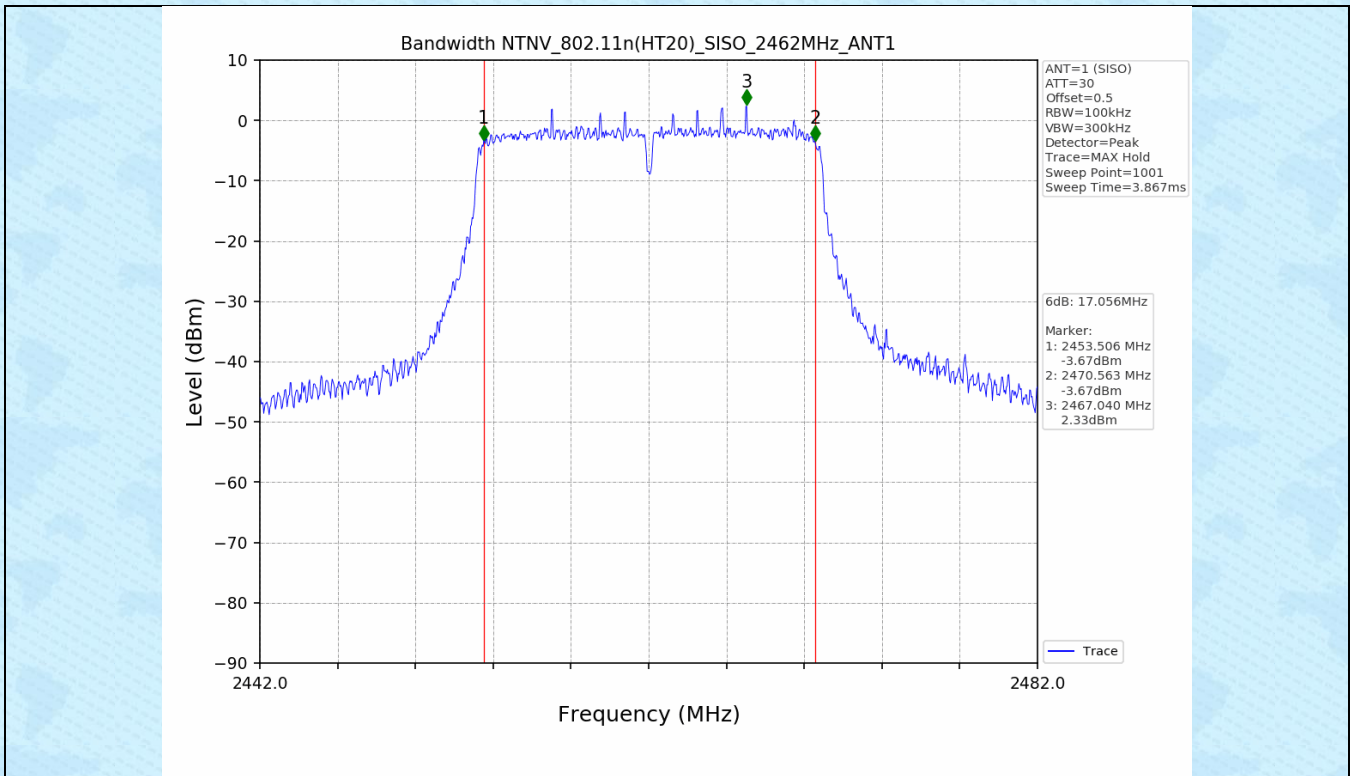
2.2 Test Graph - 6dB Bandwidth



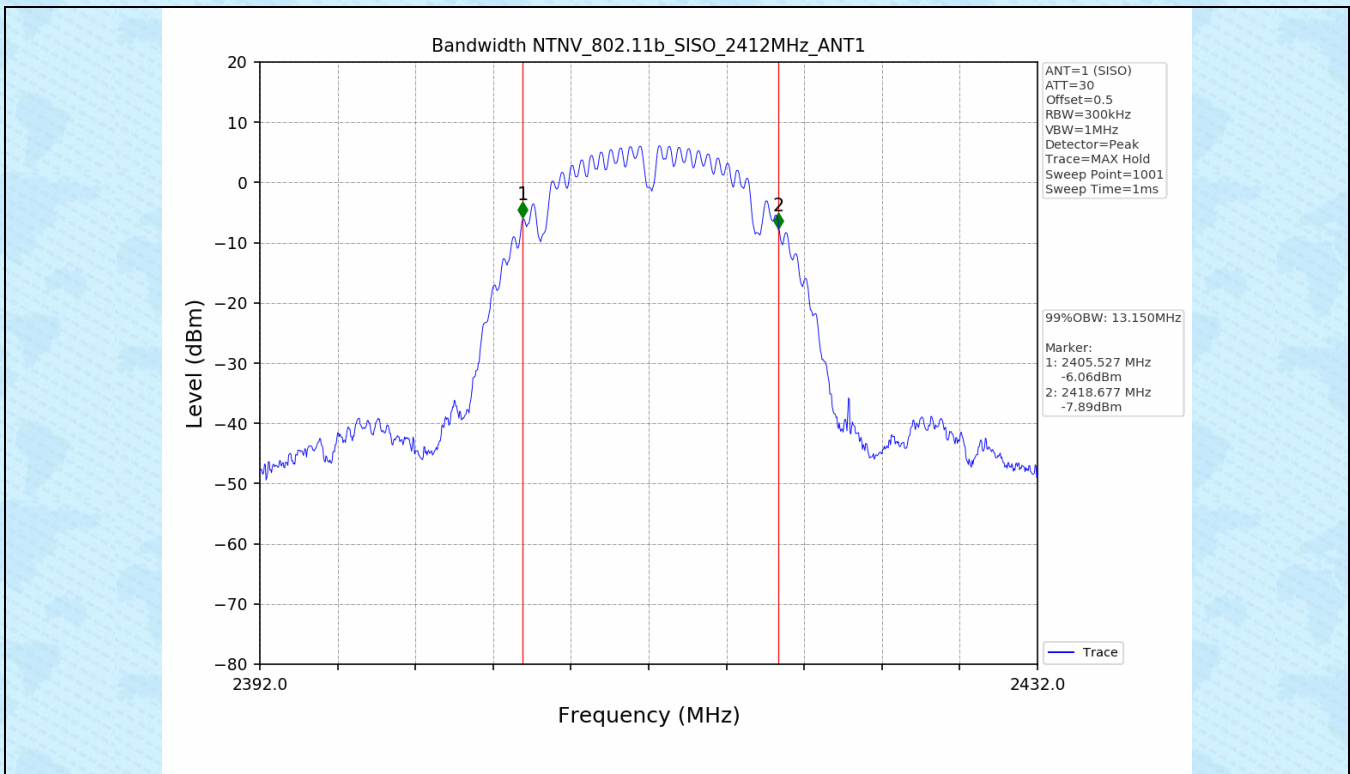


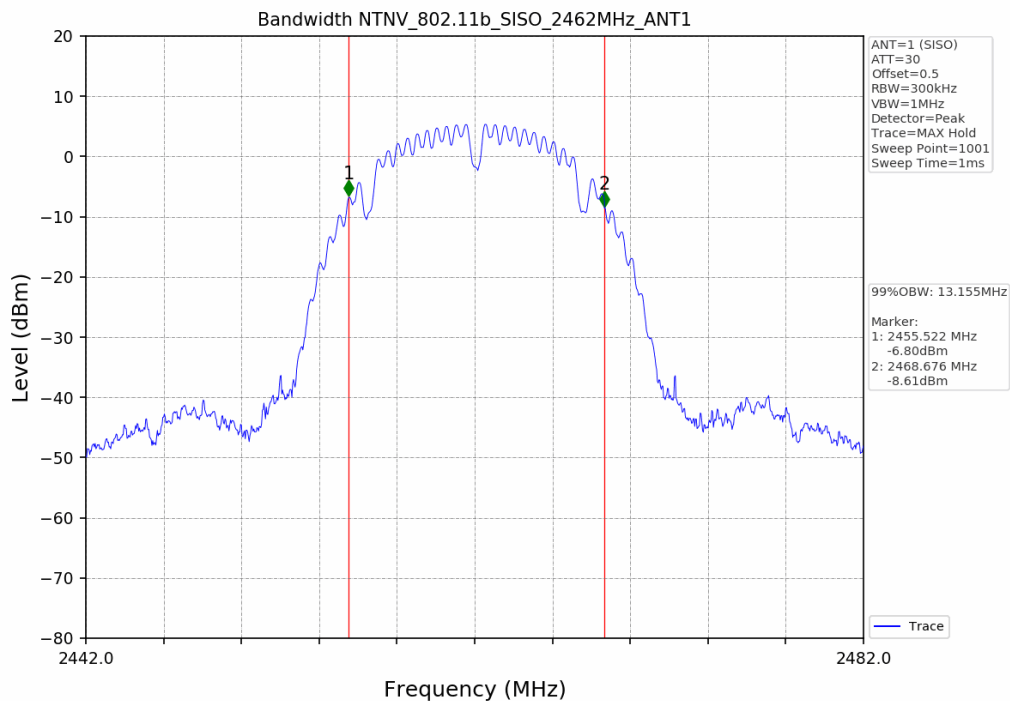
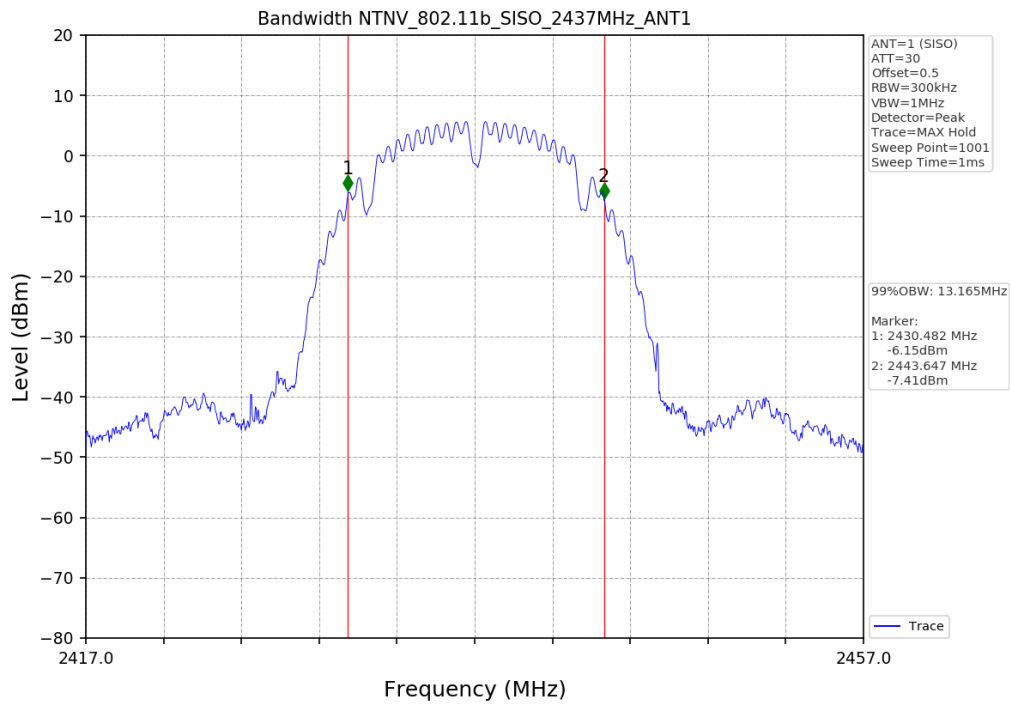


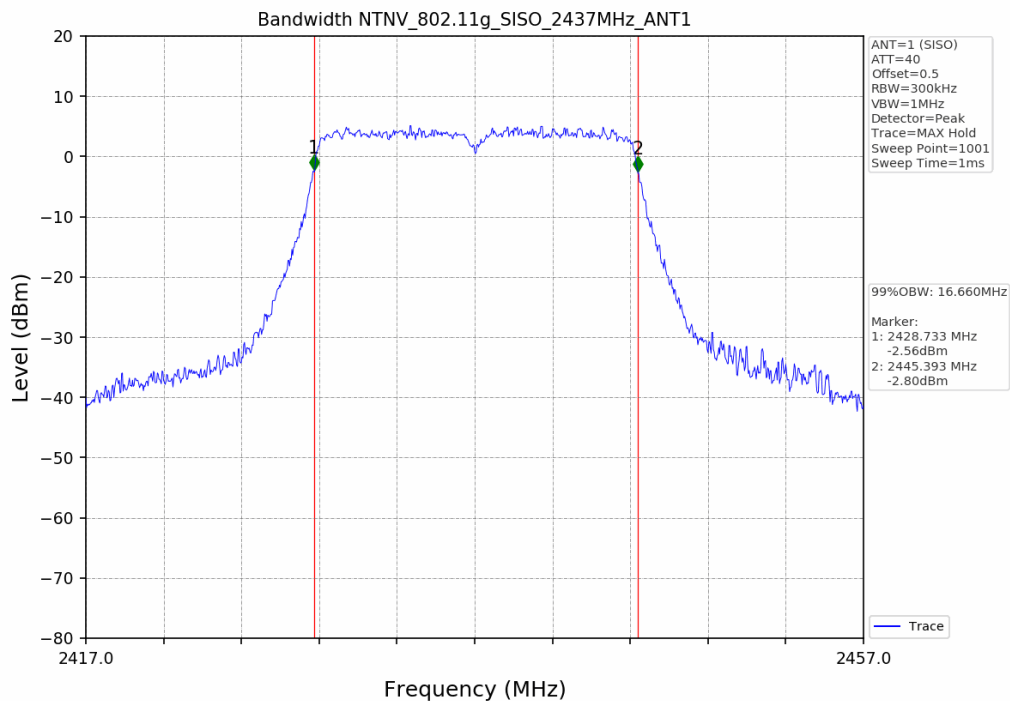
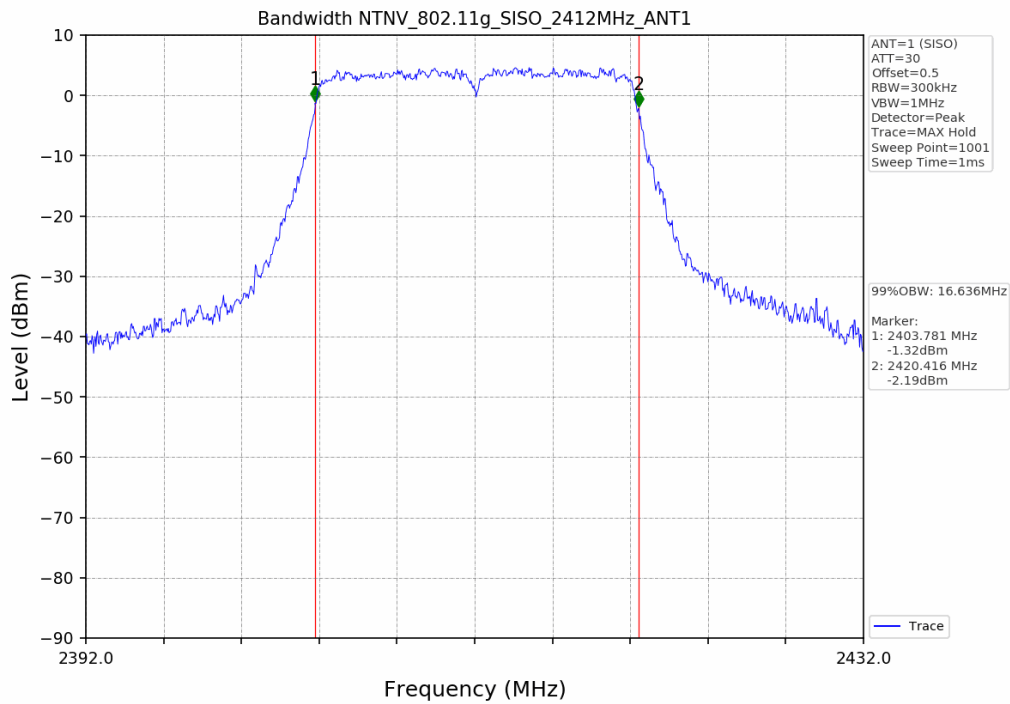


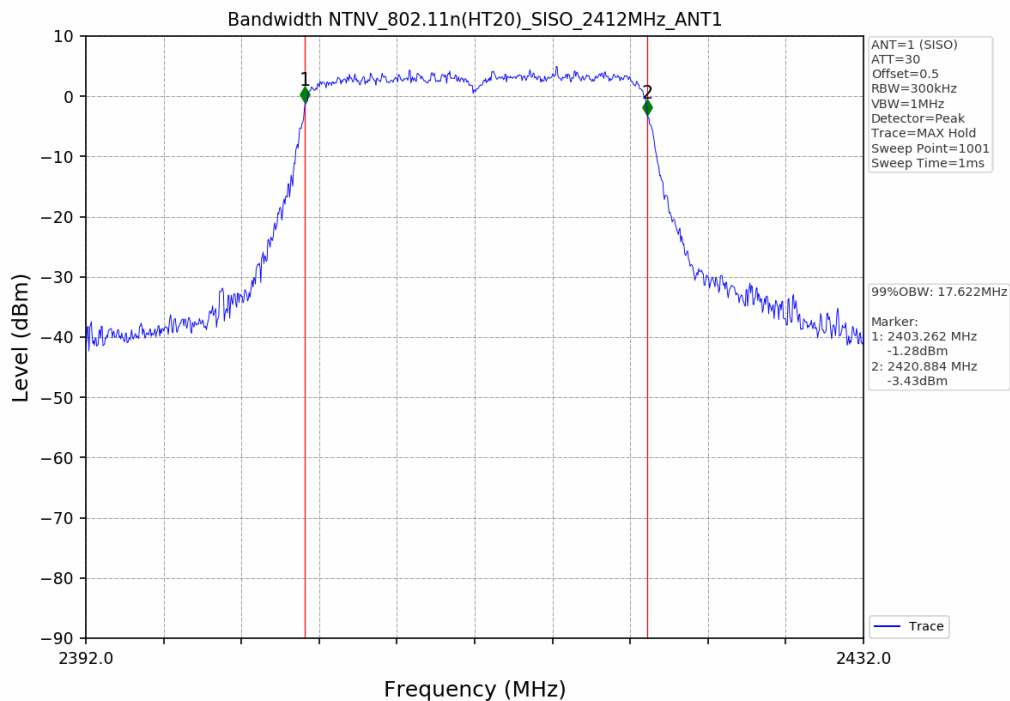
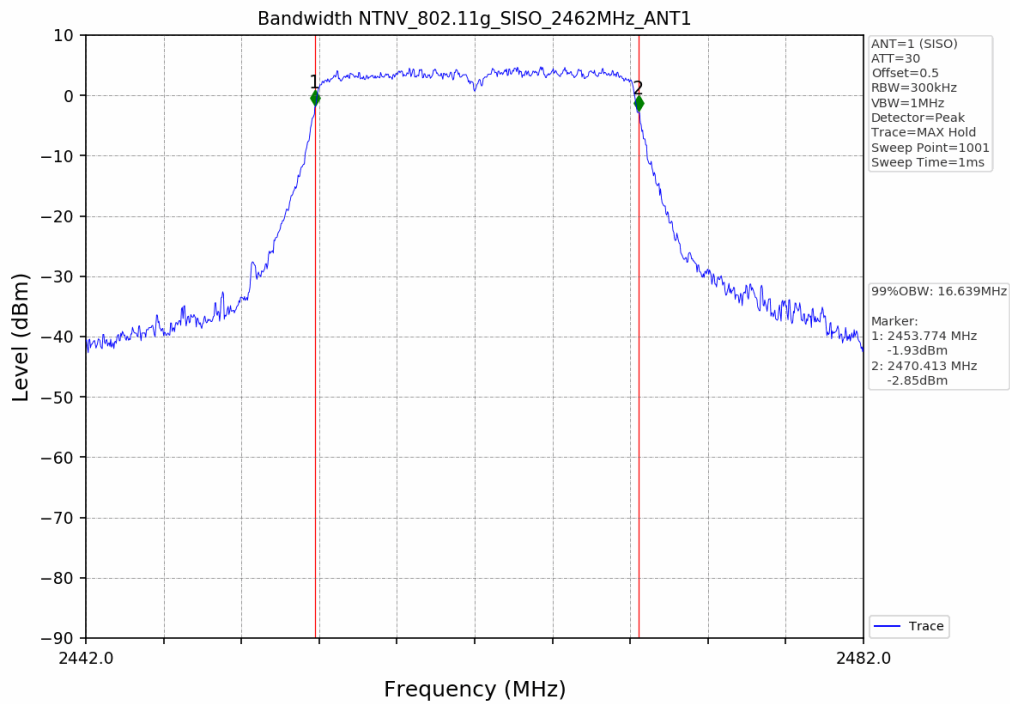


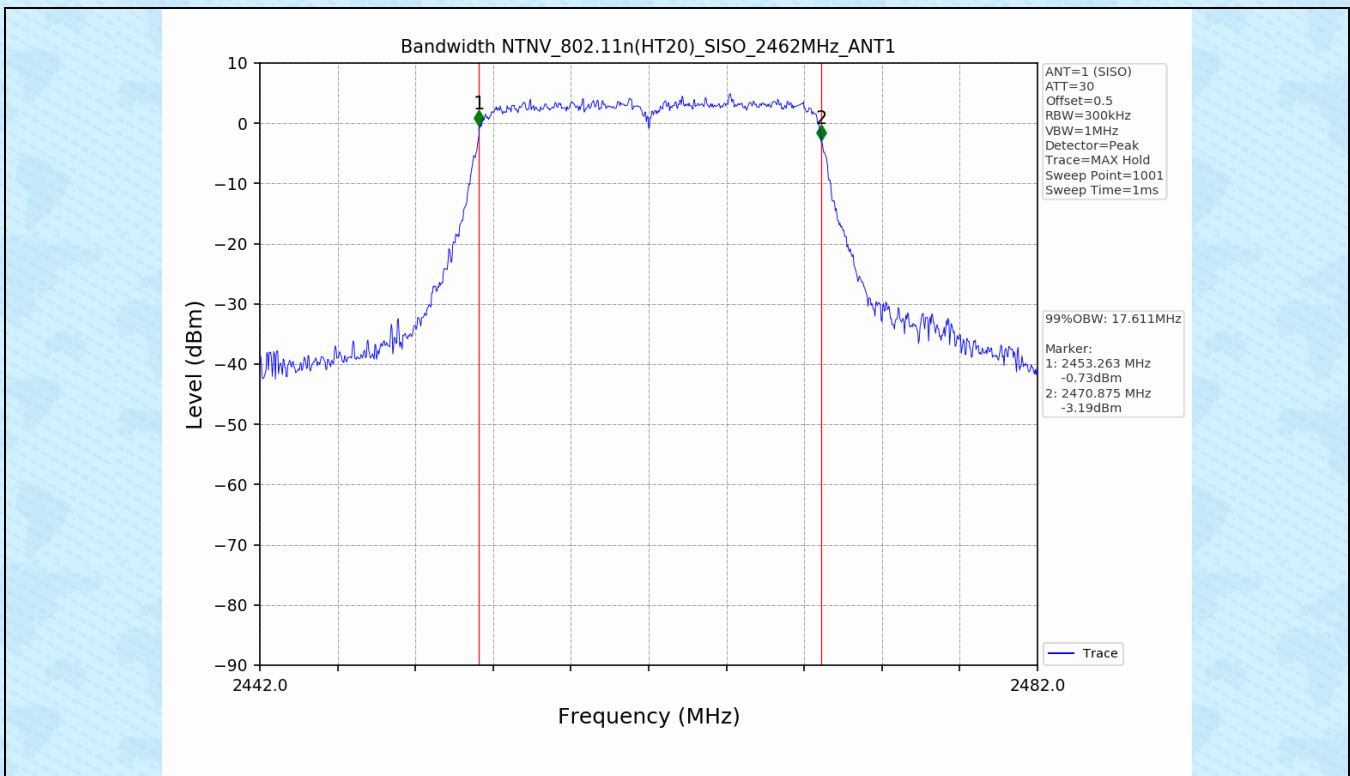
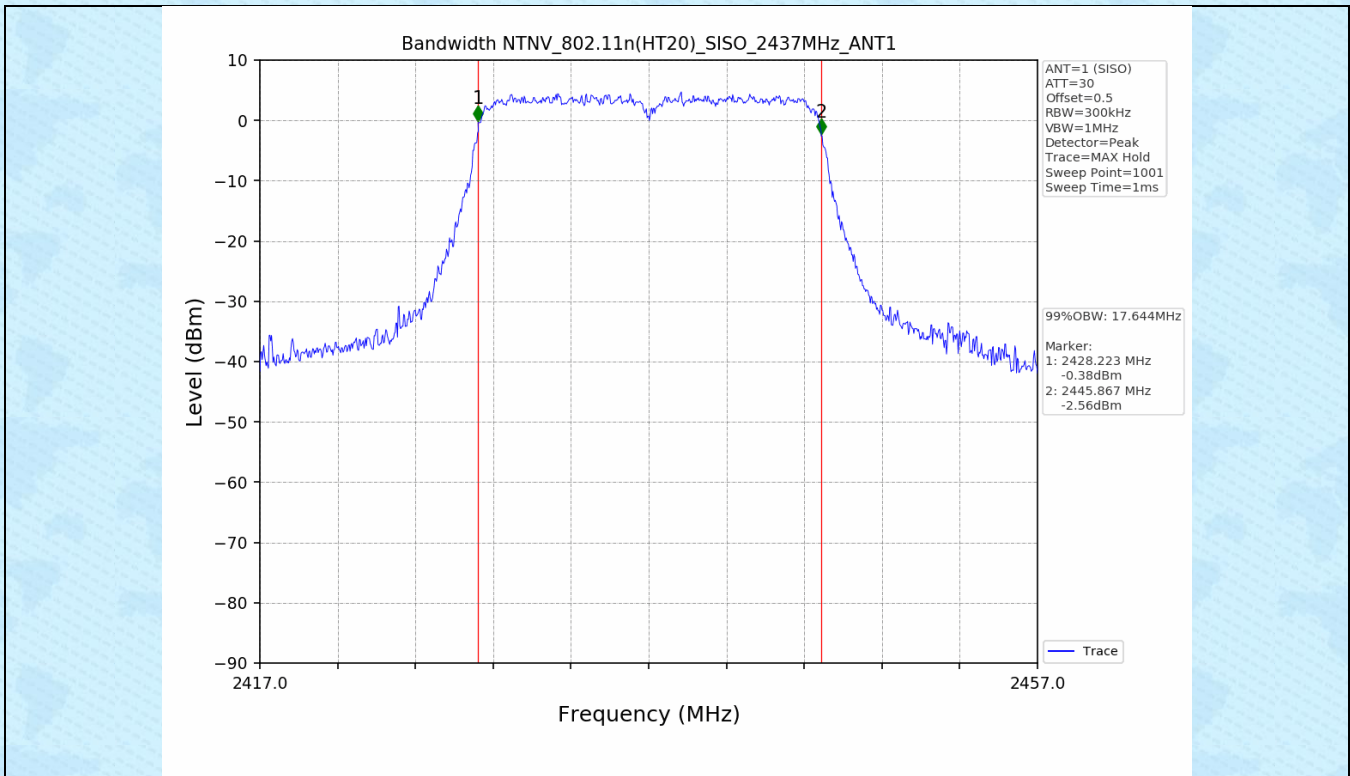
2.3 Test Graph - 99% Occupied Bandwidth











3. Maximum Conducted Output Power

3.1 Test Result

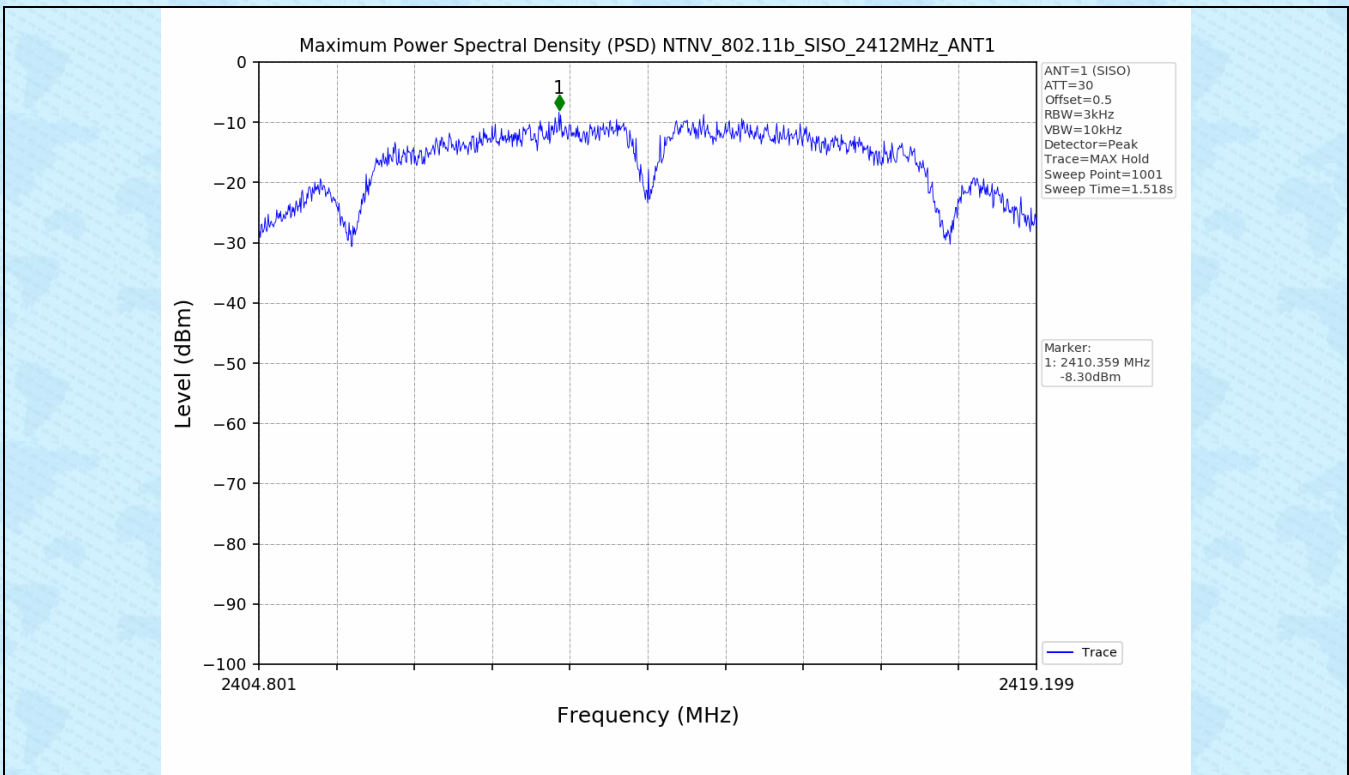
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	17.22	30	PASS
	2437	SISO	16.88	30	PASS
	2462	SISO	16.62	30	PASS
802.11g	2412	SISO	21.31	30	PASS
	2437	SISO	21.57	30	PASS
	2462	SISO	21.21	30	PASS
802.11n(HT20)	2412	SISO	21.11	30	PASS
	2437	SISO	21.43	30	PASS
	2462	SISO	21.19	30	PASS

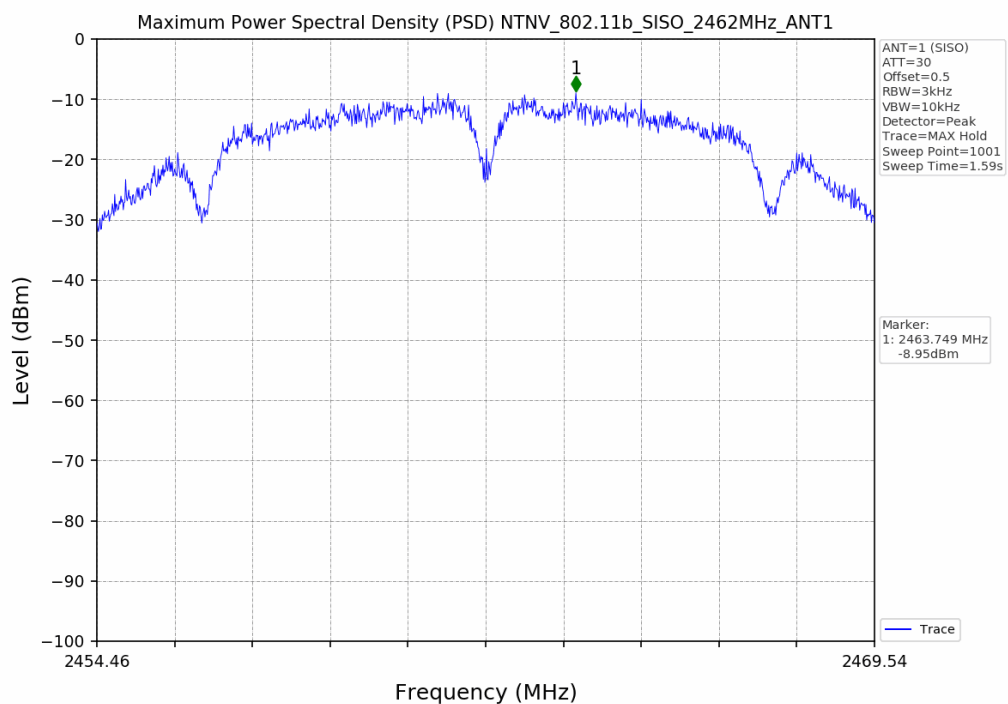
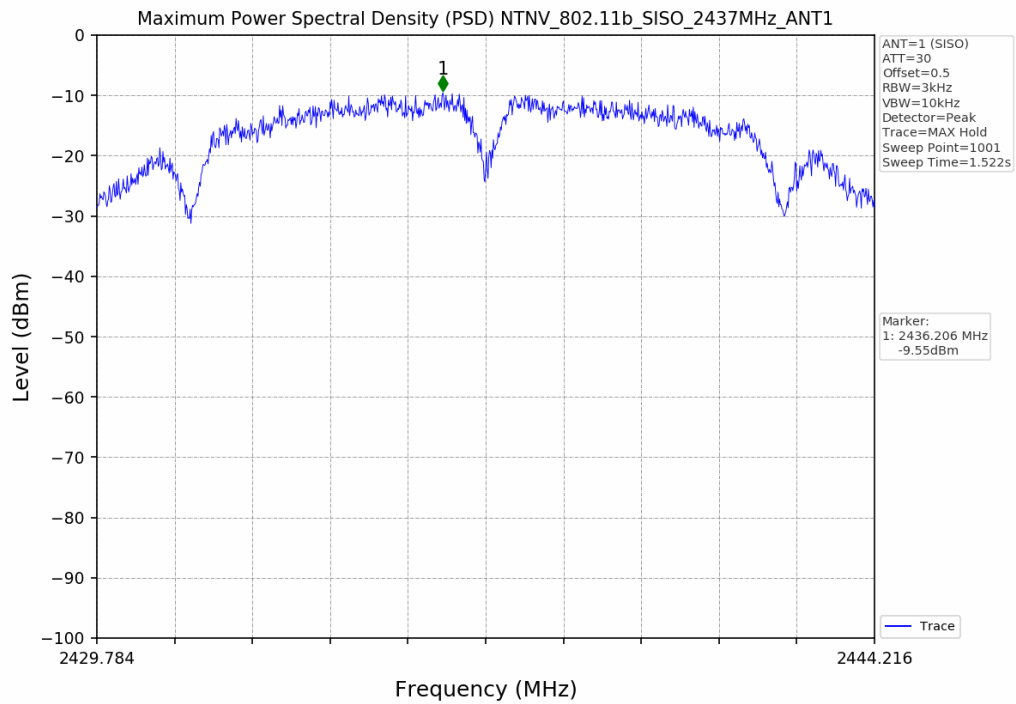
4. Maximum Power Spectral Density (PSD)

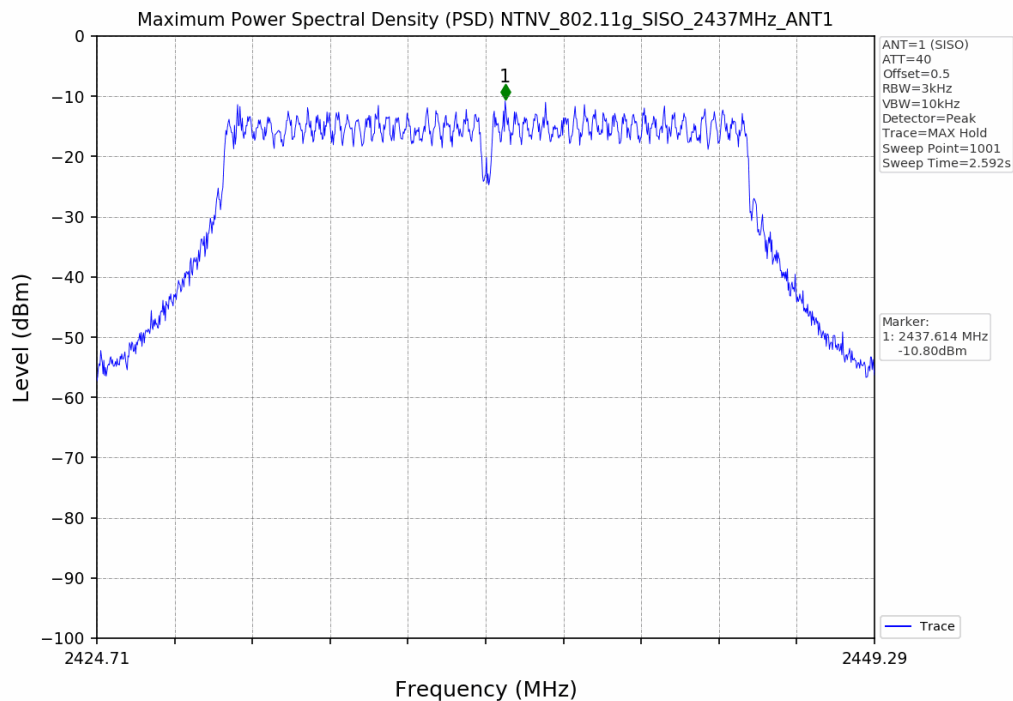
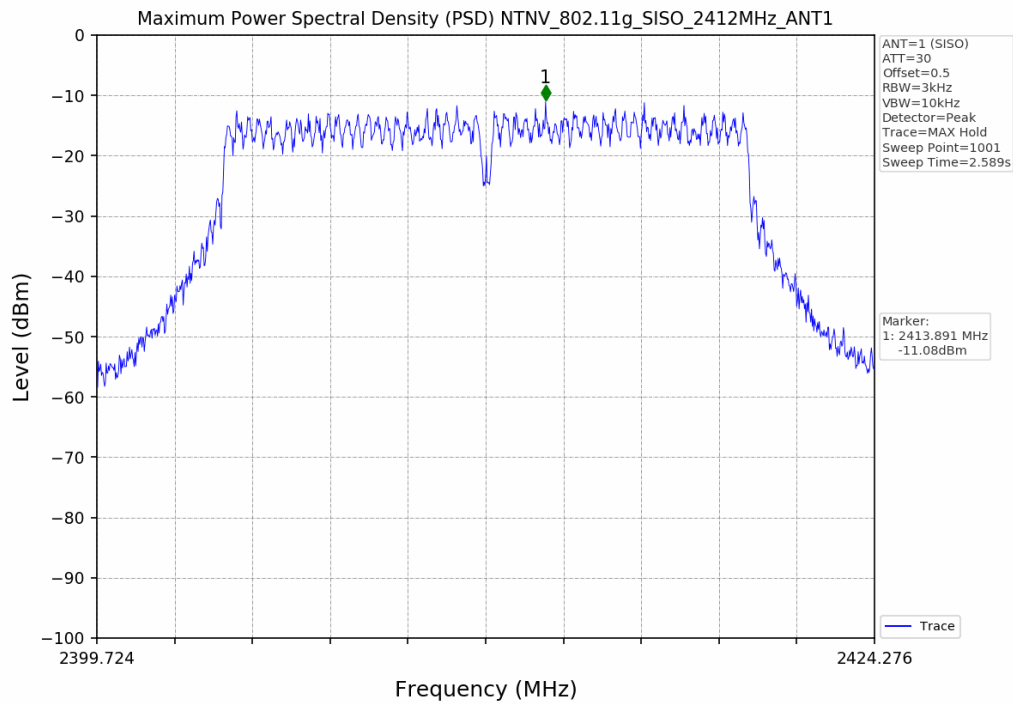
4.1 Test Result

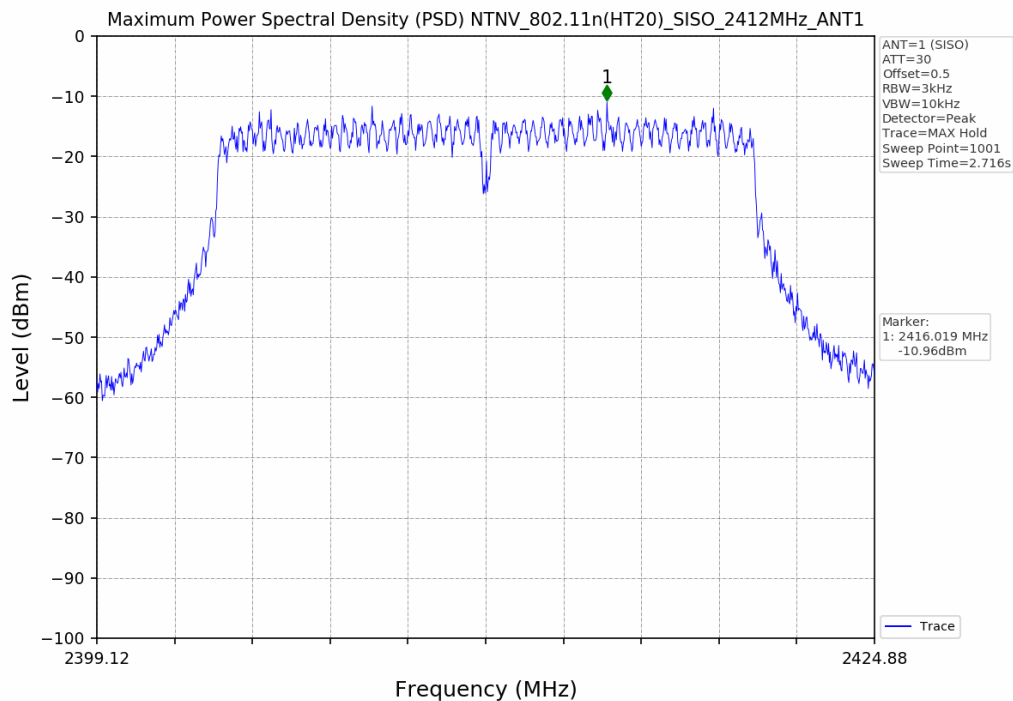
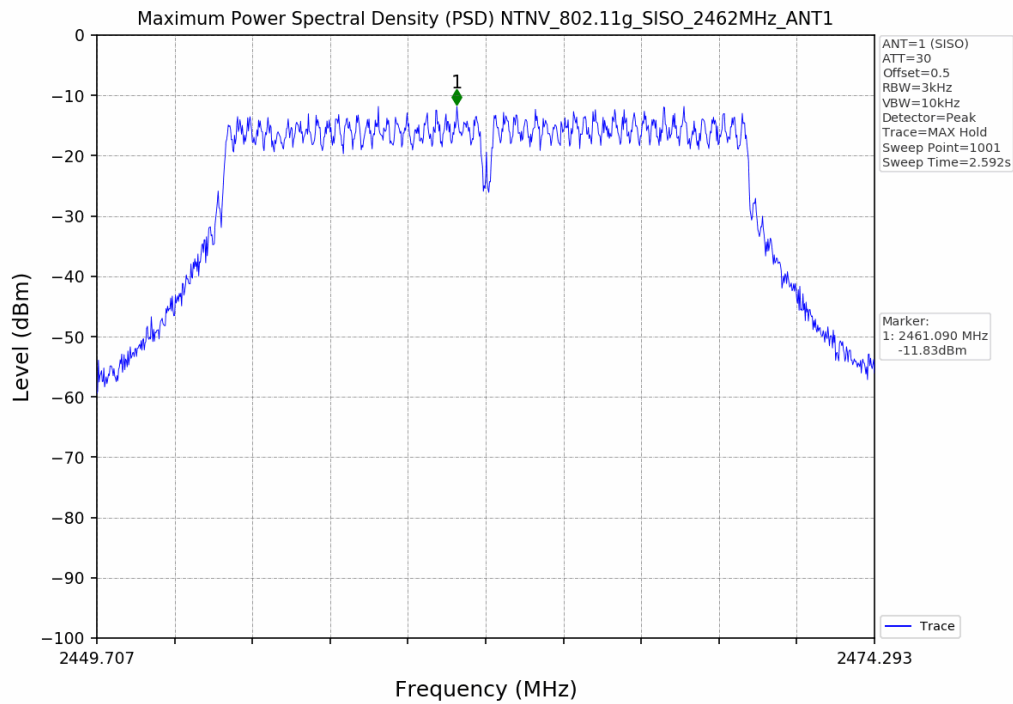
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
802.11b	2412	SISO	-8.30	≤8	PASS
	2437	SISO	-9.55	≤8	PASS
	2462	SISO	-8.95	≤8	PASS
802.11g	2412	SISO	-11.08	≤8	PASS
	2437	SISO	-10.80	≤8	PASS
	2462	SISO	-11.83	≤8	PASS
802.11n(HT20)	2412	SISO	-10.96	≤8	PASS
	2437	SISO	-11.69	≤8	PASS
	2462	SISO	-10.21	≤8	PASS

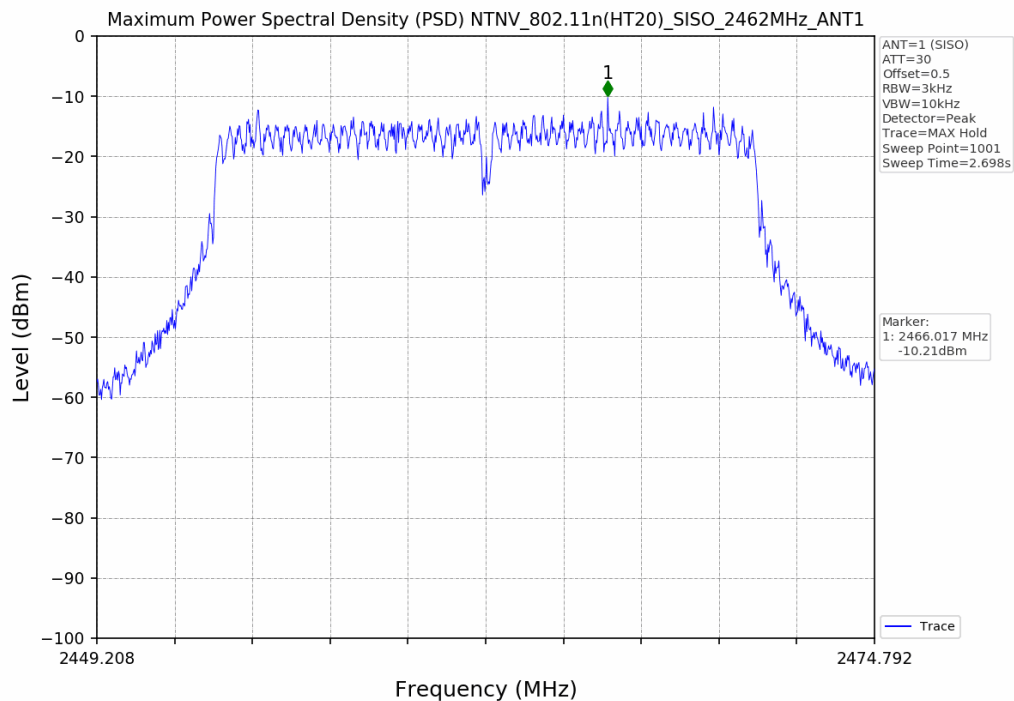
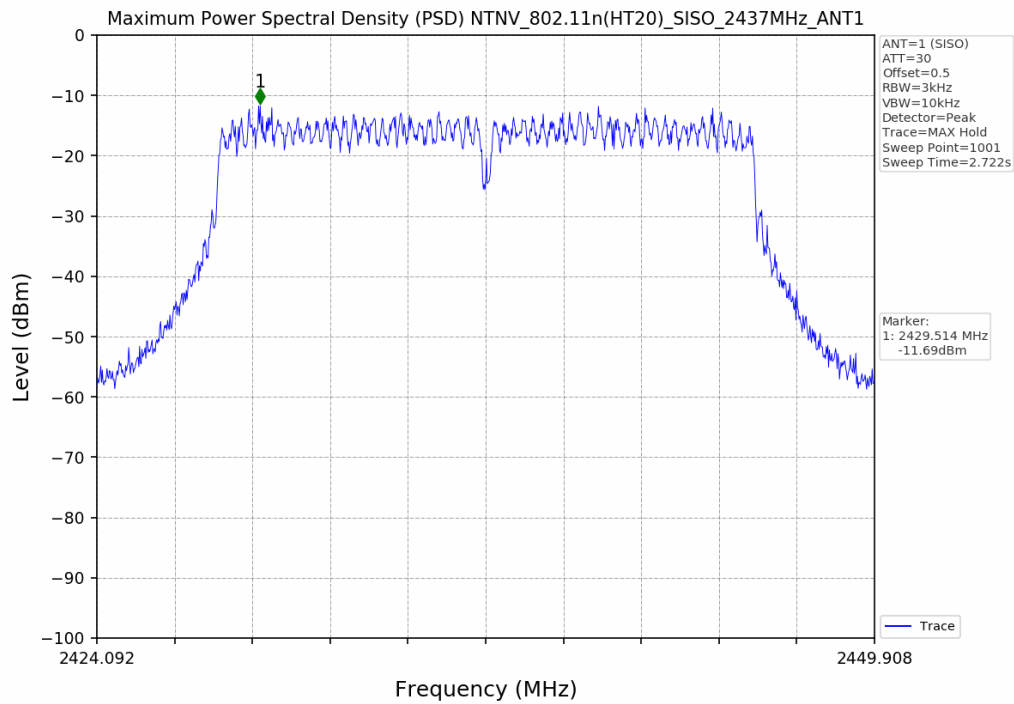
4.2 Test Graph









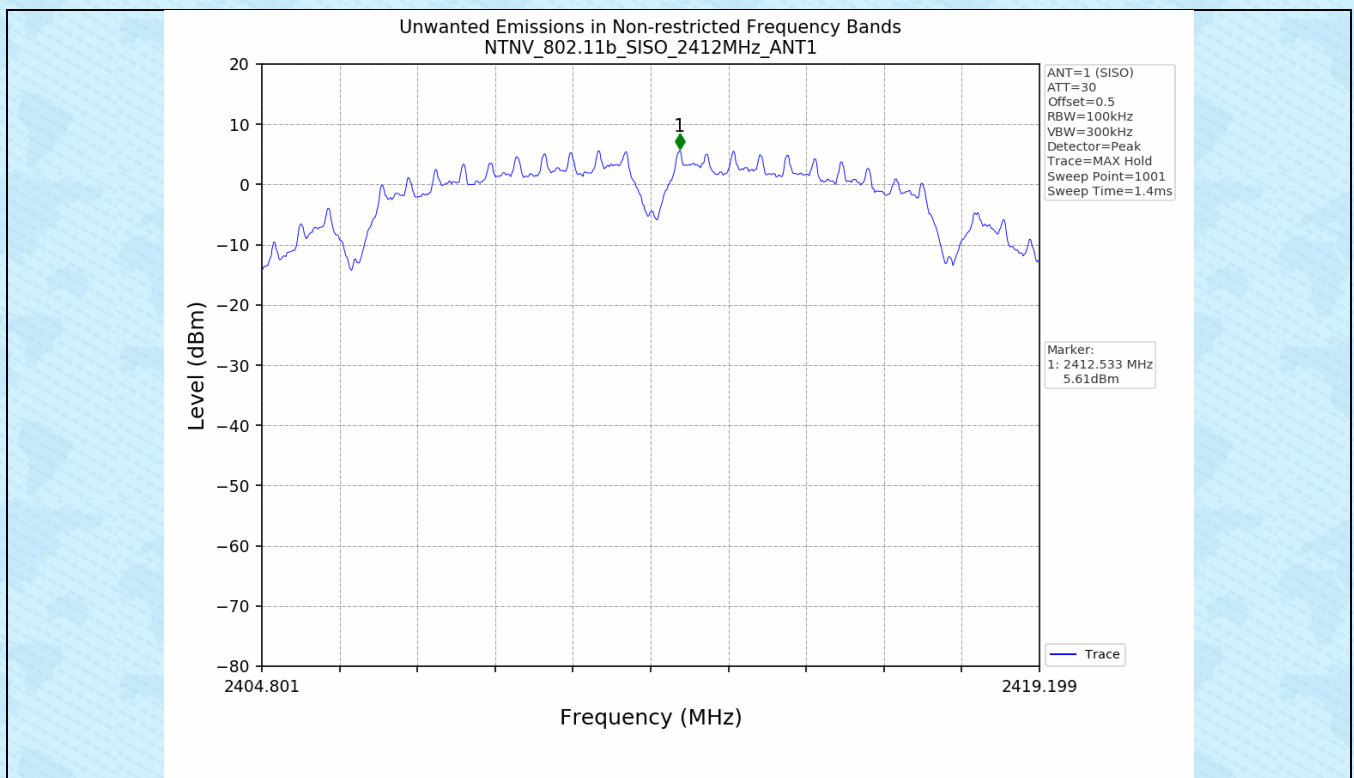


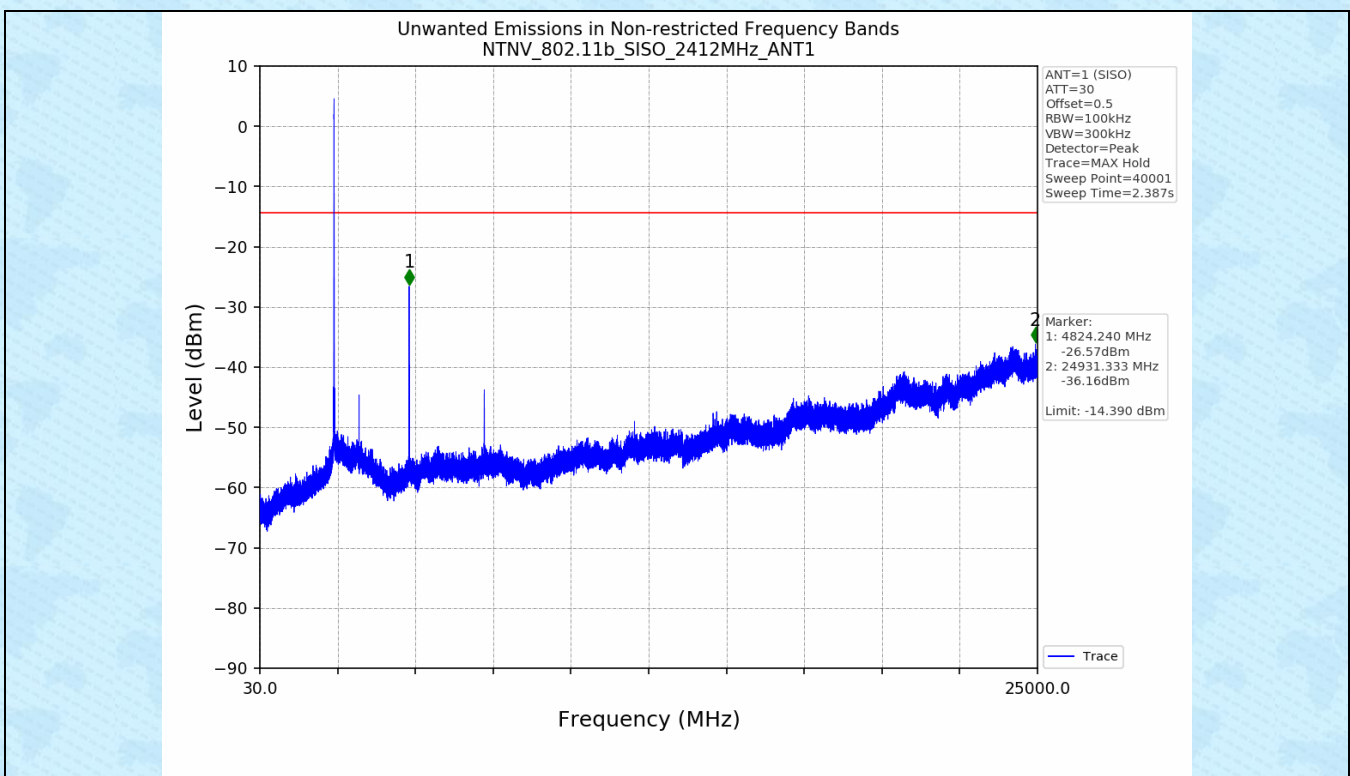
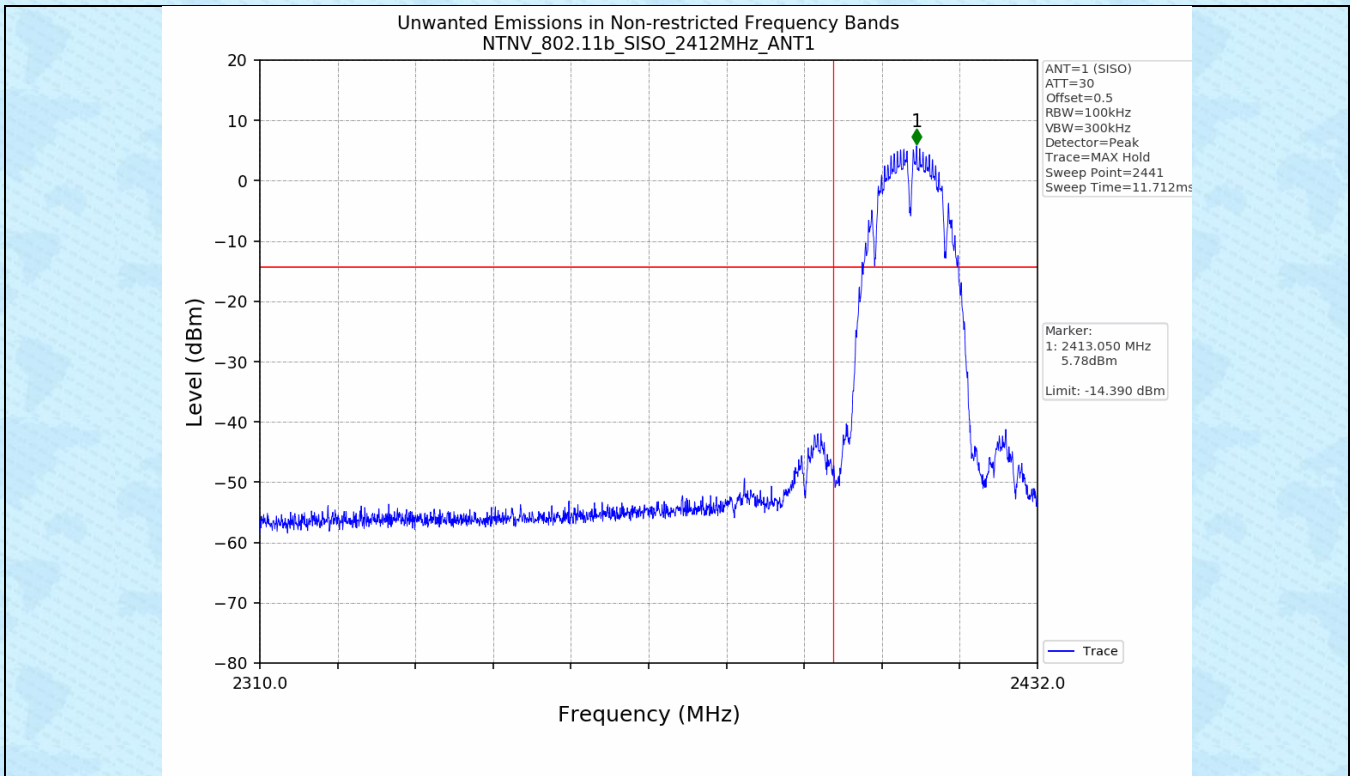
5. Unwanted Emissions in Non-restricted Frequency Bands

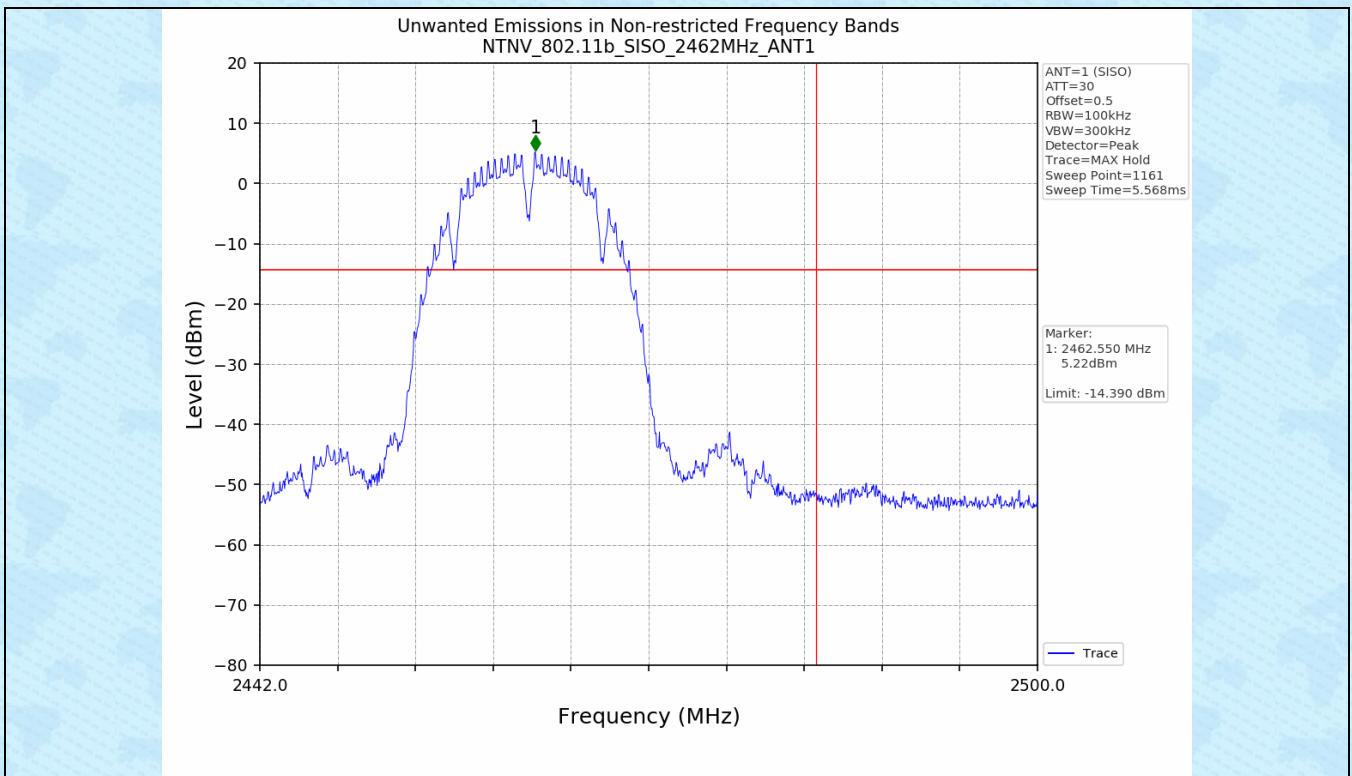
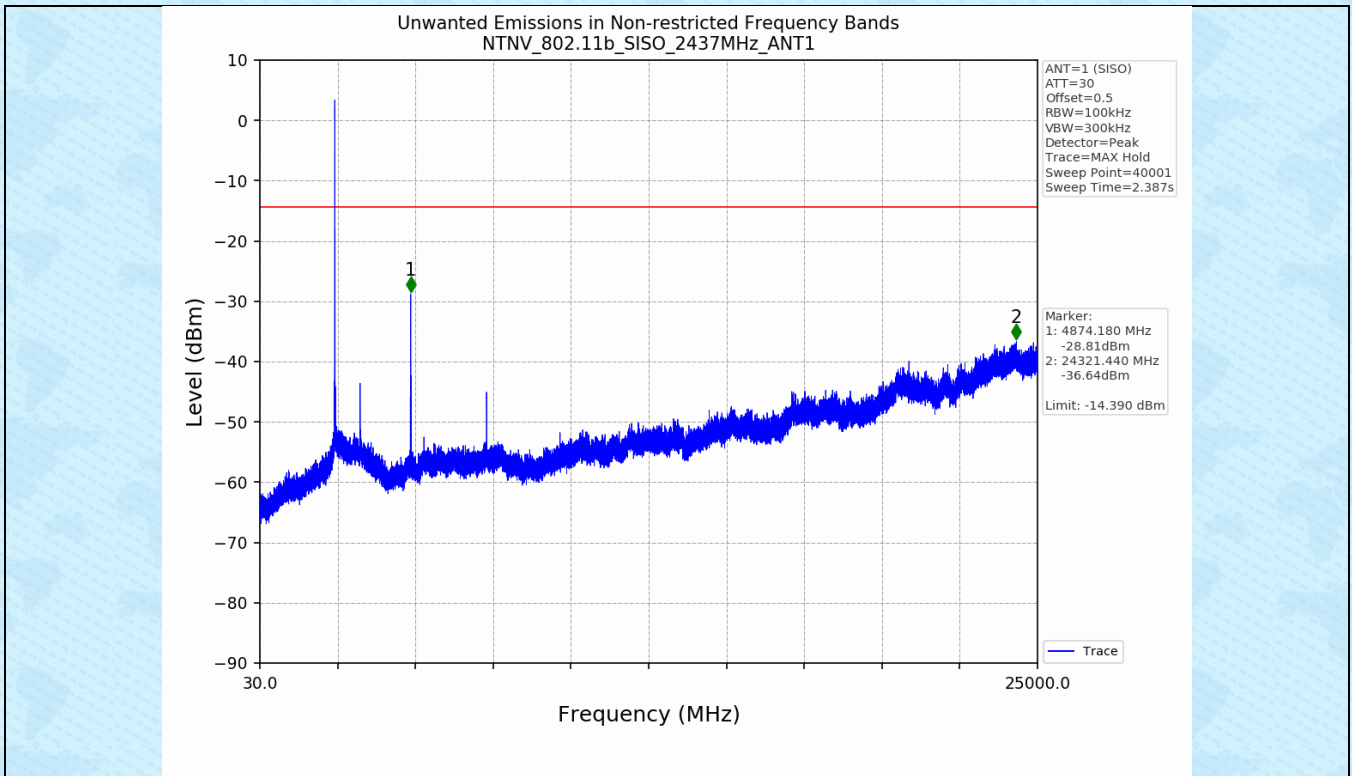
5.1 Test Result

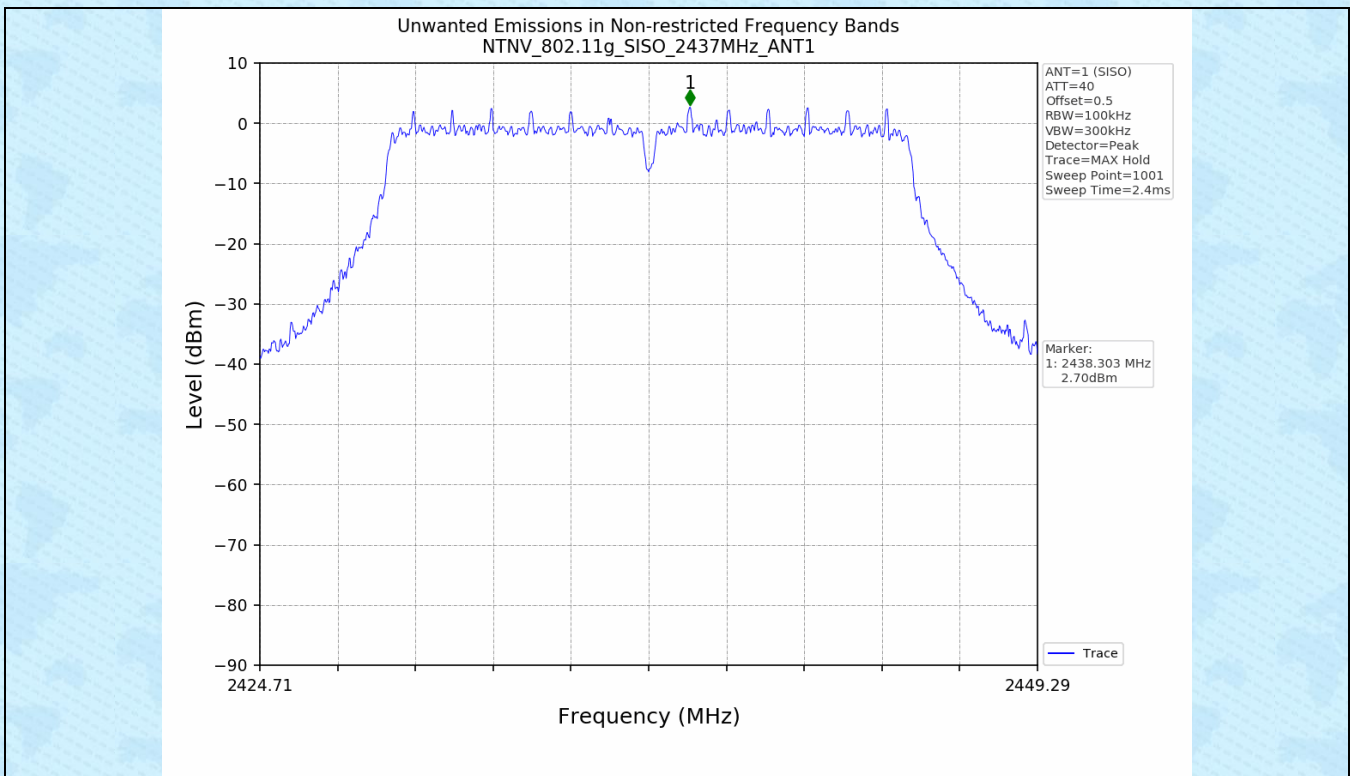
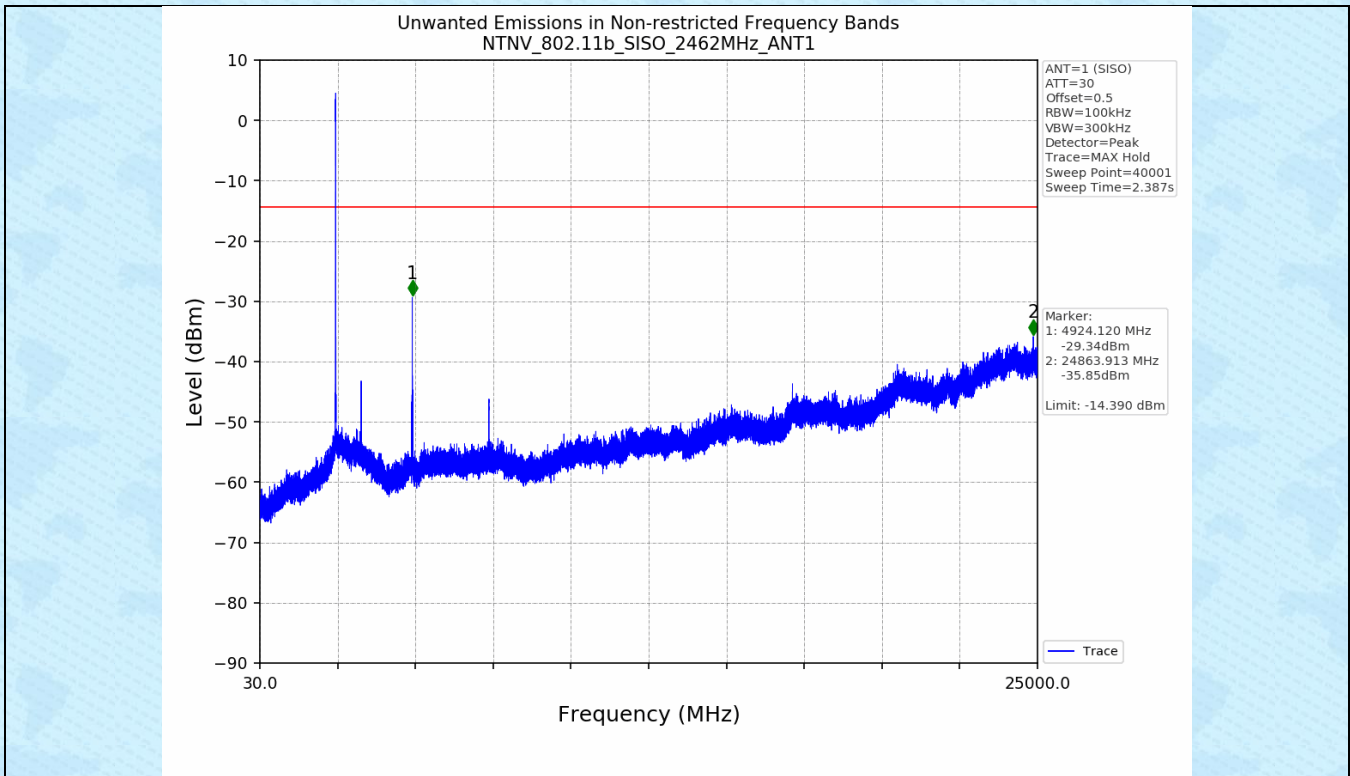
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	1	Refer to test graph	-14.39	PASS
	2437	SISO	1	Refer to test graph	-14.39	PASS
	2462	SISO	1	Refer to test graph	-14.39	PASS
802.11g	2412	SISO	1	Refer to test graph	-17.30	PASS
	2437	SISO	1	Refer to test graph	-17.30	PASS
	2462	SISO	1	Refer to test graph	-17.30	PASS
802.11n(HT20)	2412	SISO	1	Refer to test graph	-17.37	PASS
	2437	SISO	1	Refer to test graph	-17.37	PASS
	2462	SISO	1	Refer to test graph	-17.37	PASS

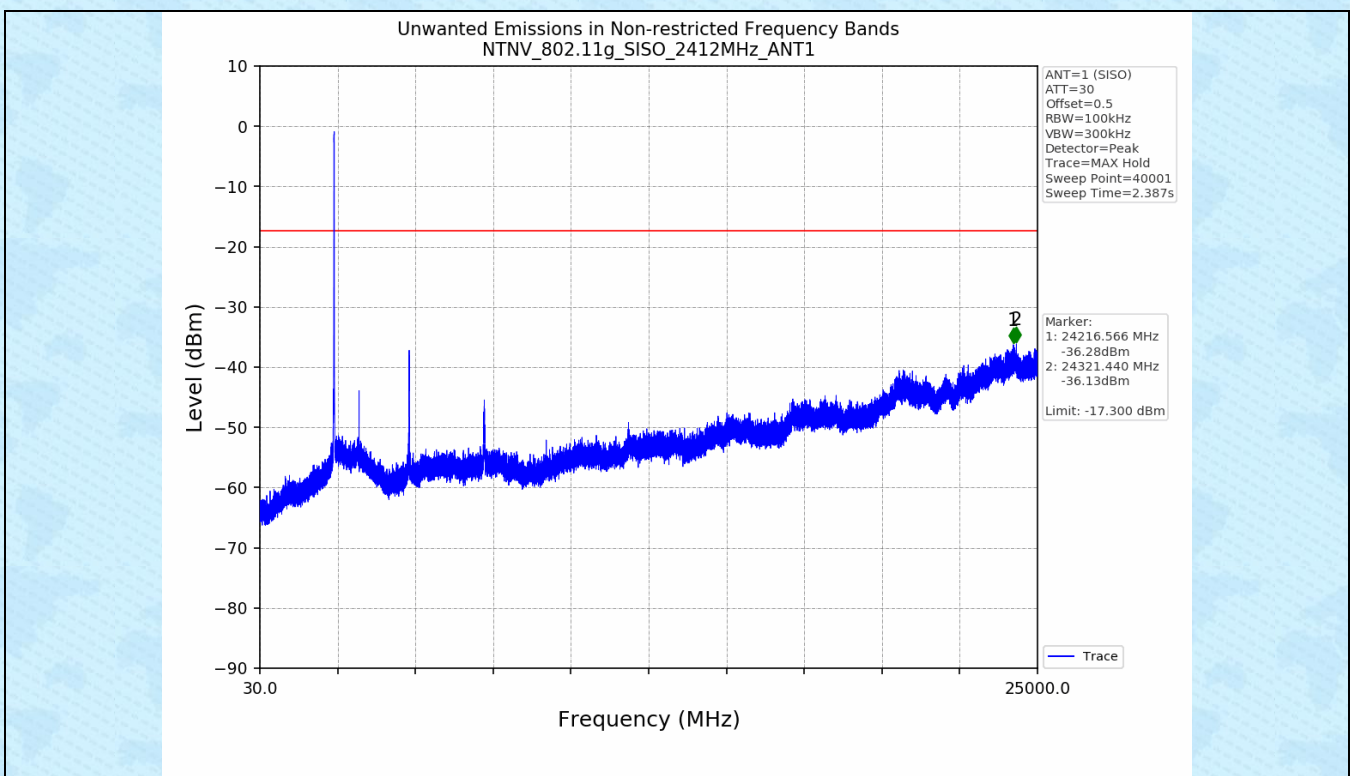
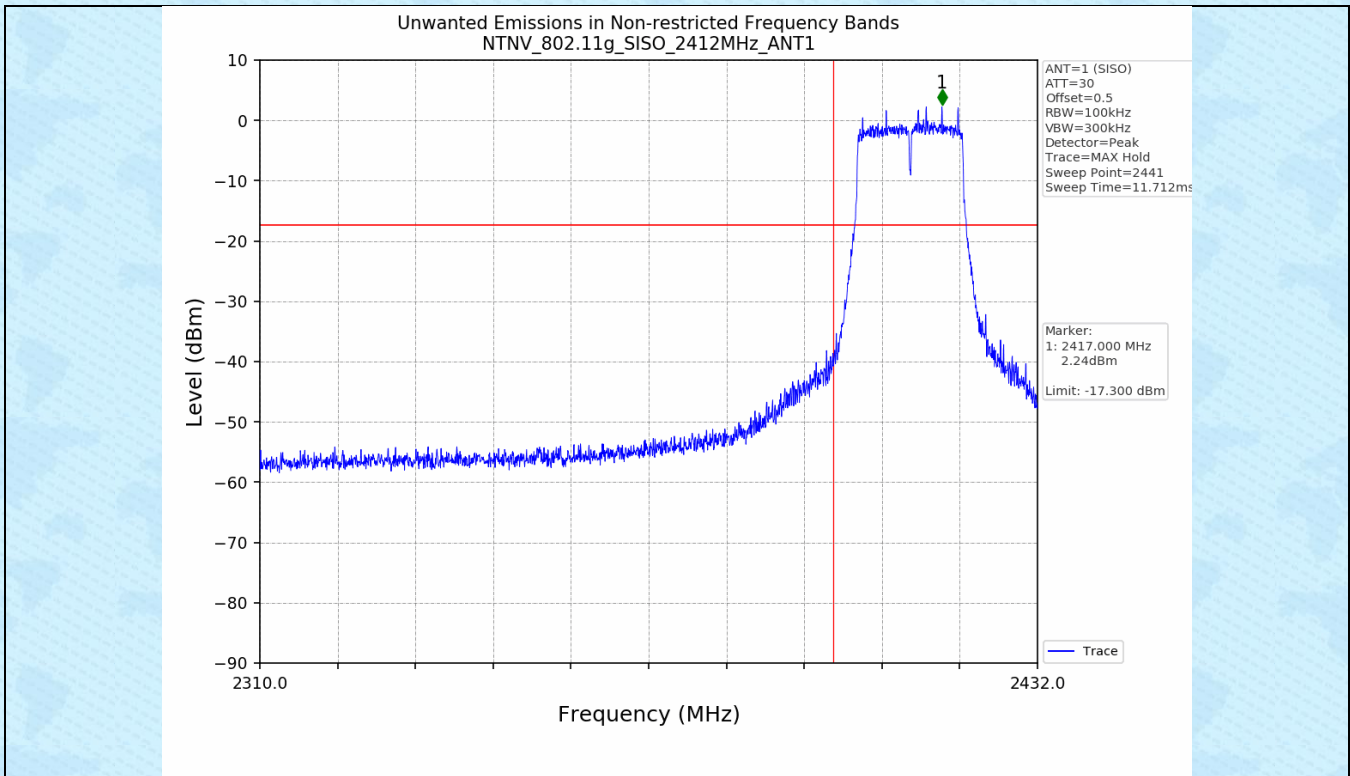
5.2 Test Graph

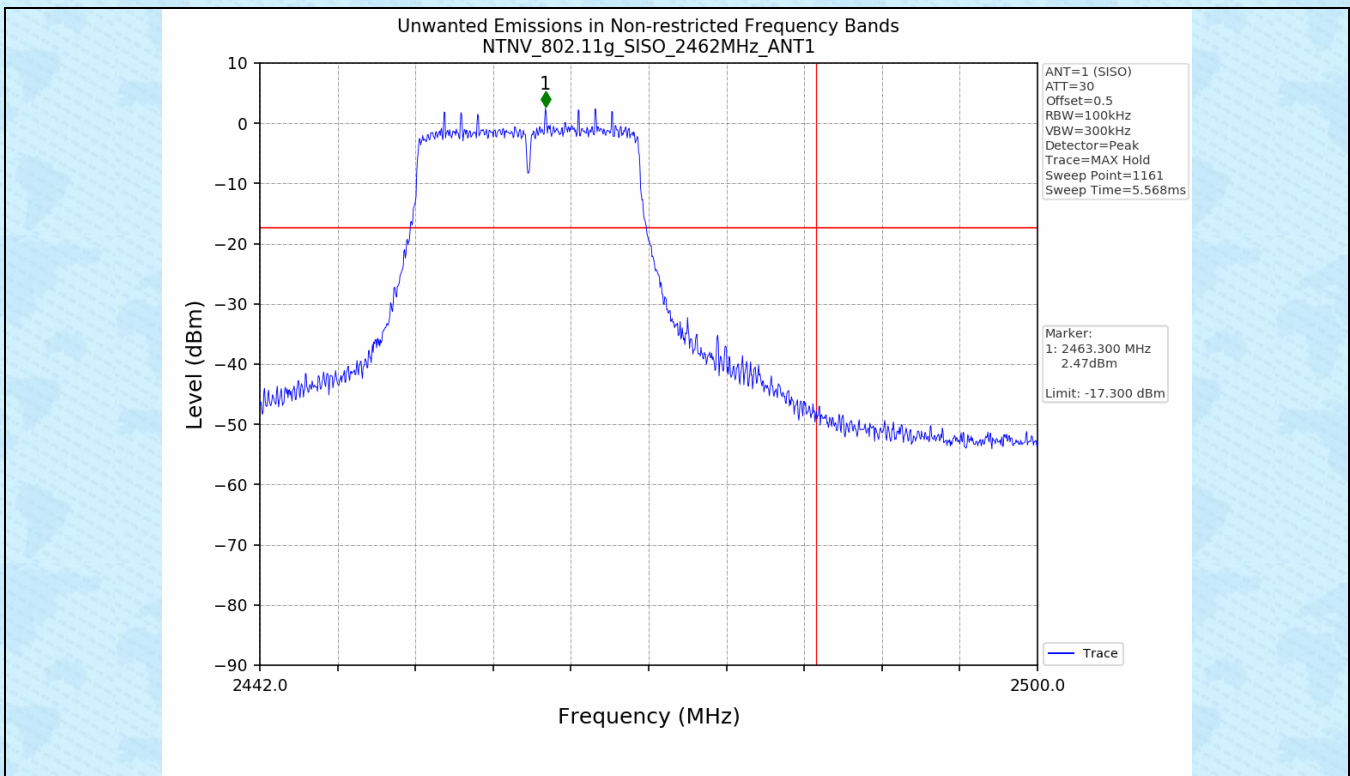
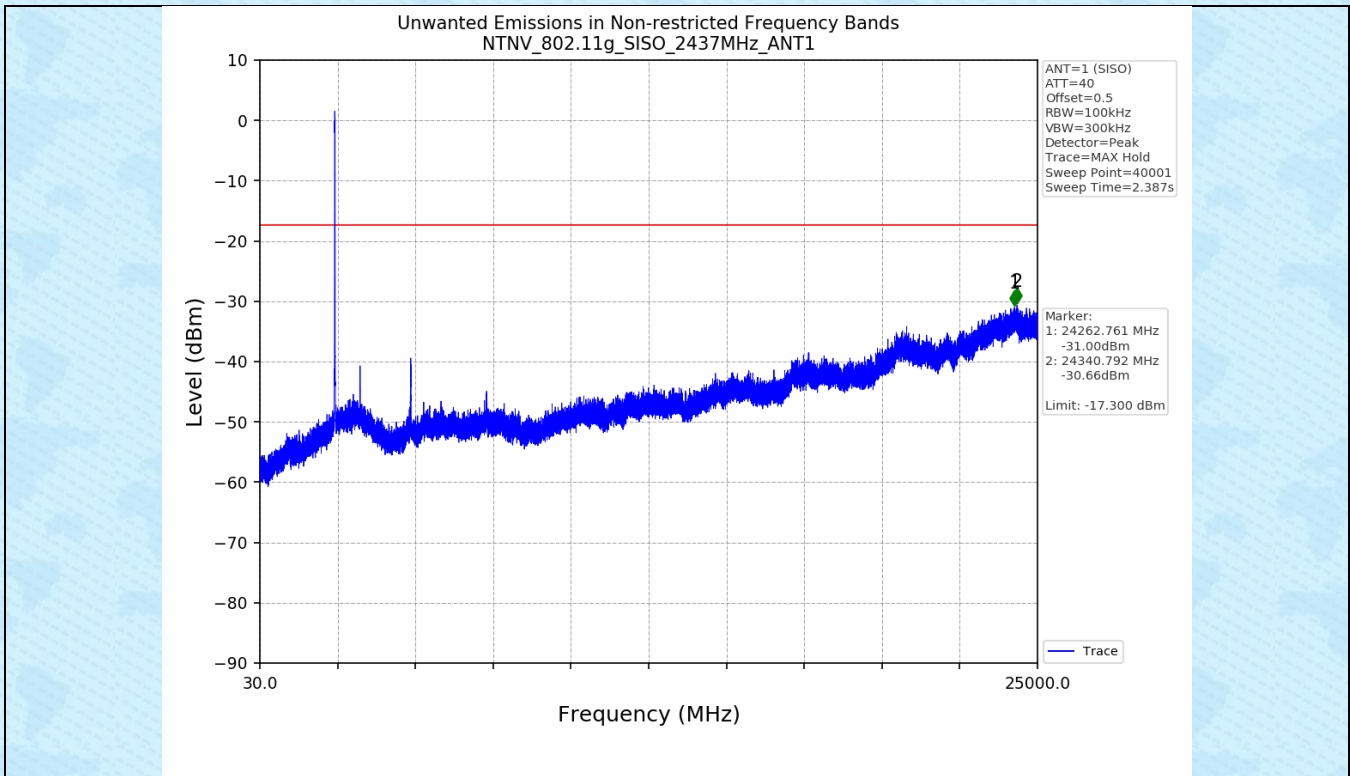


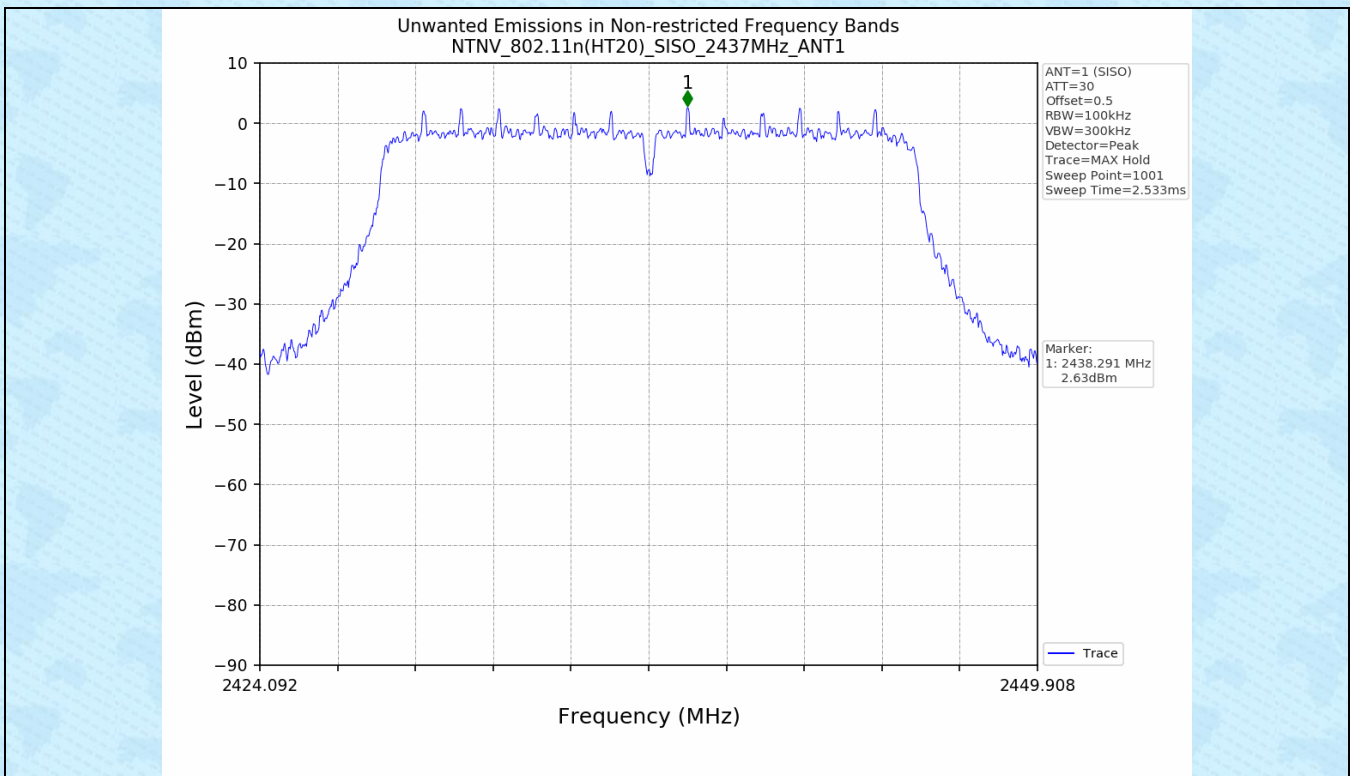
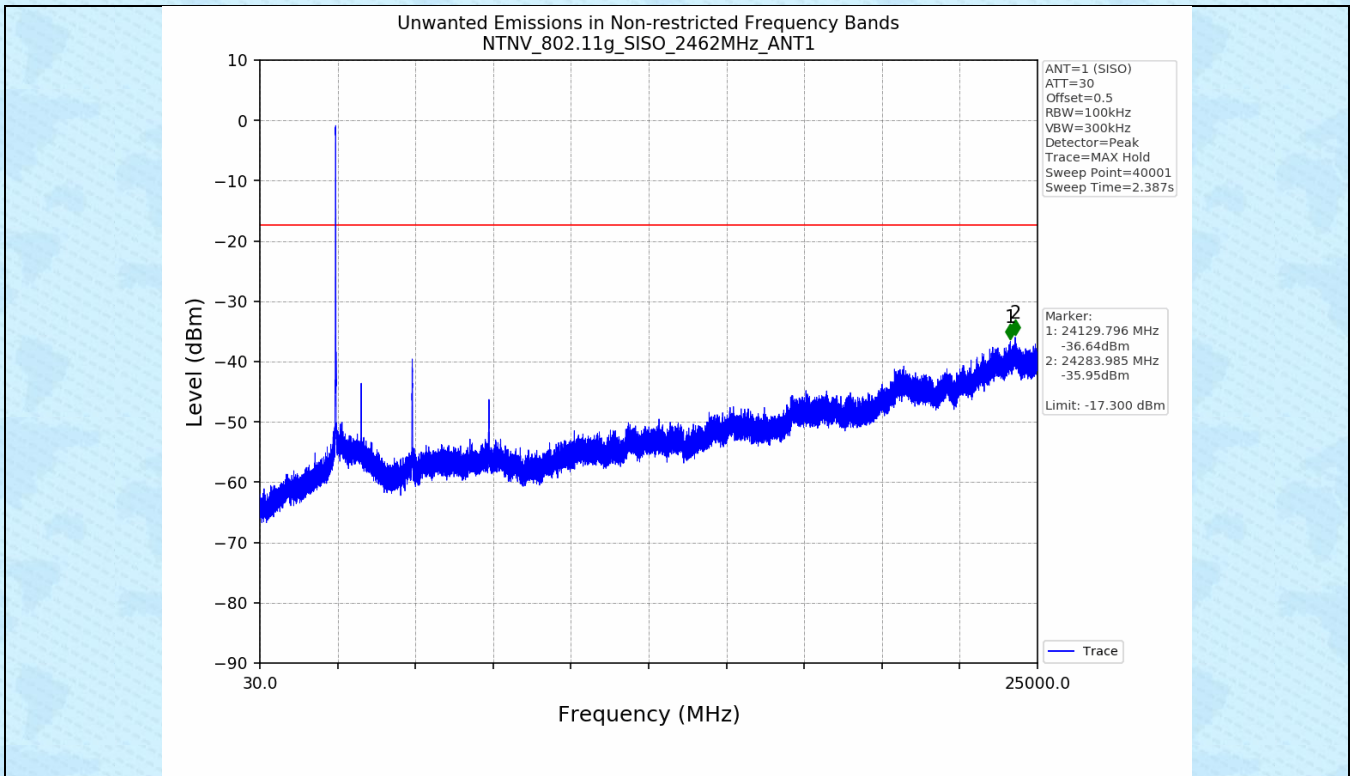


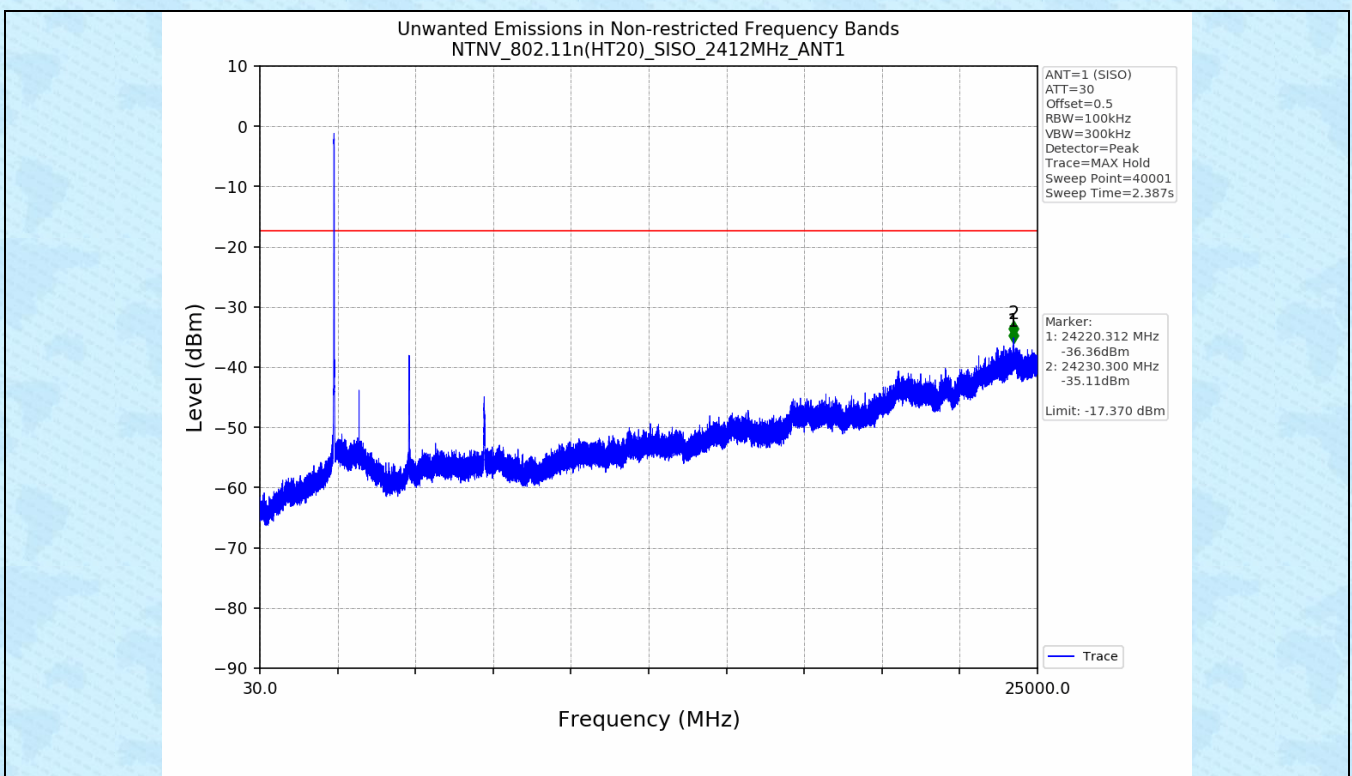
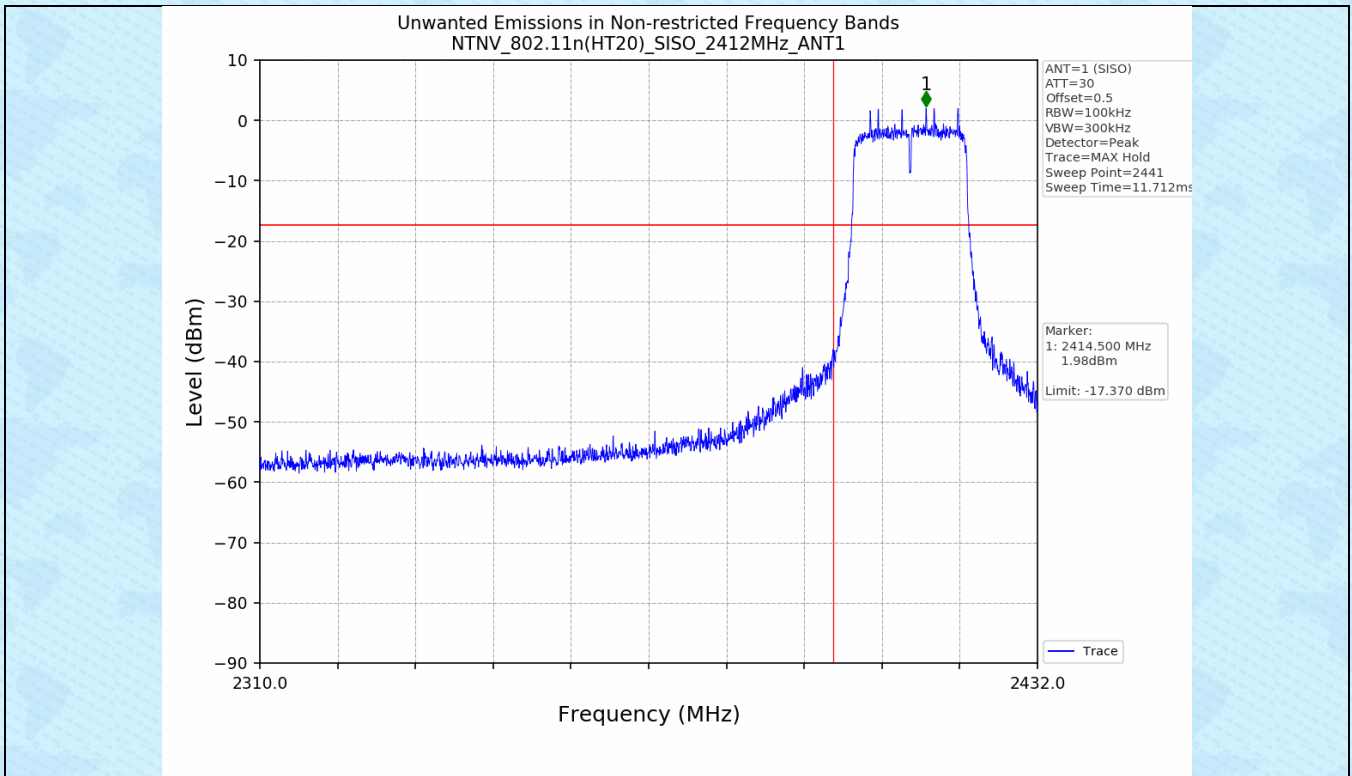


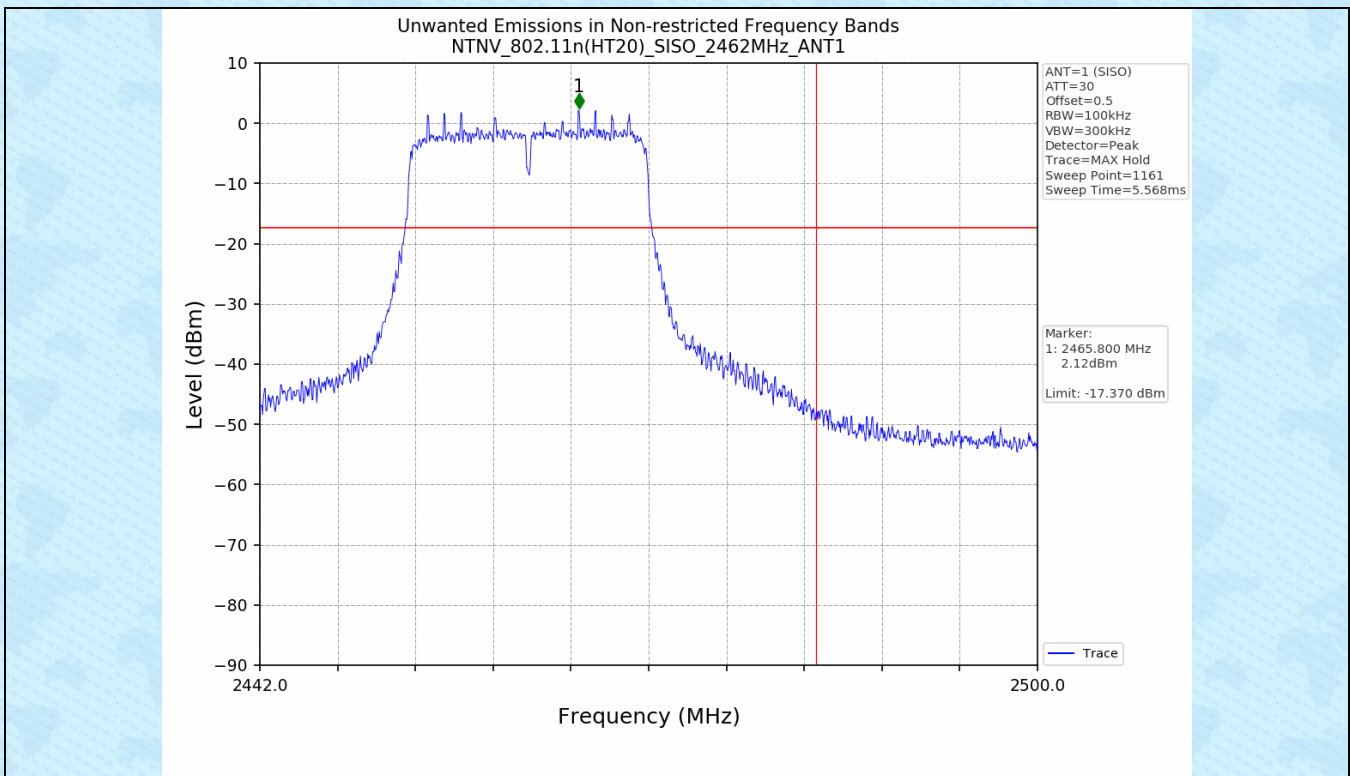
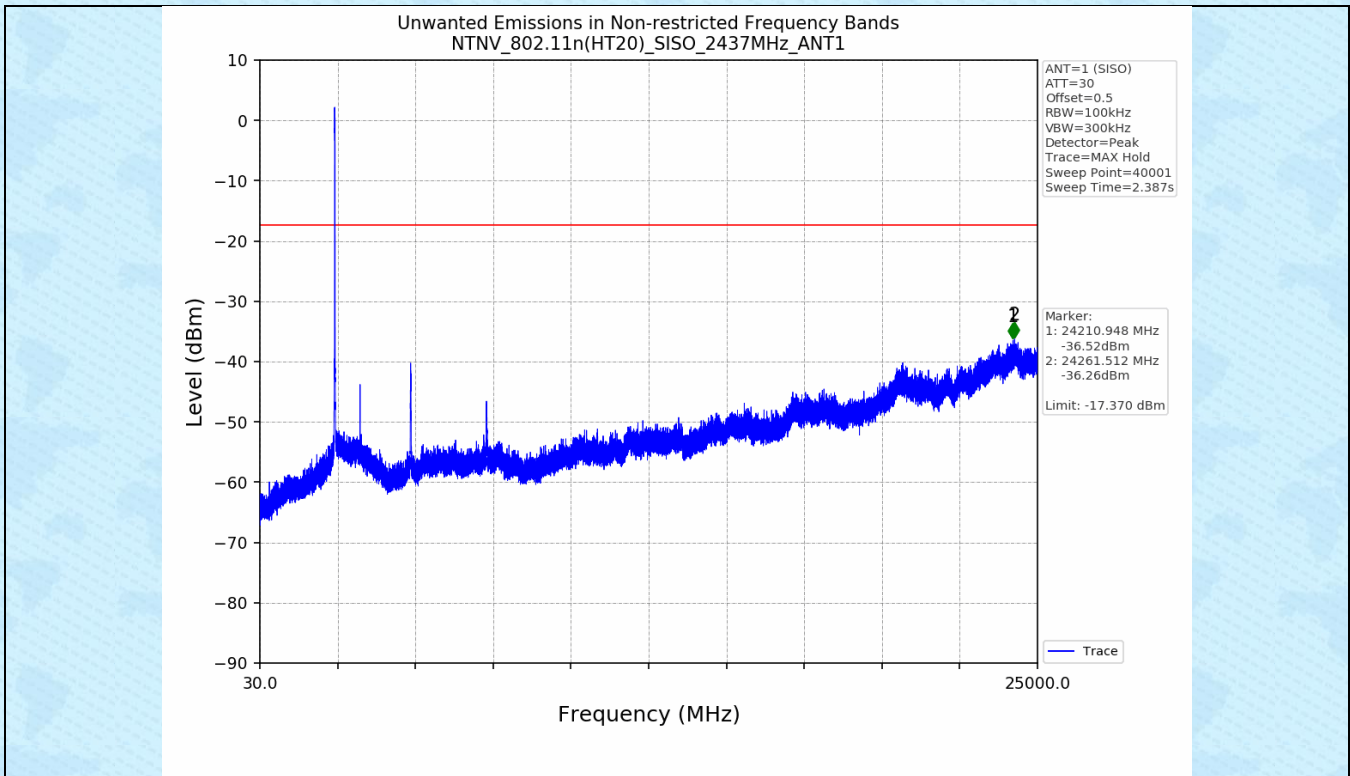


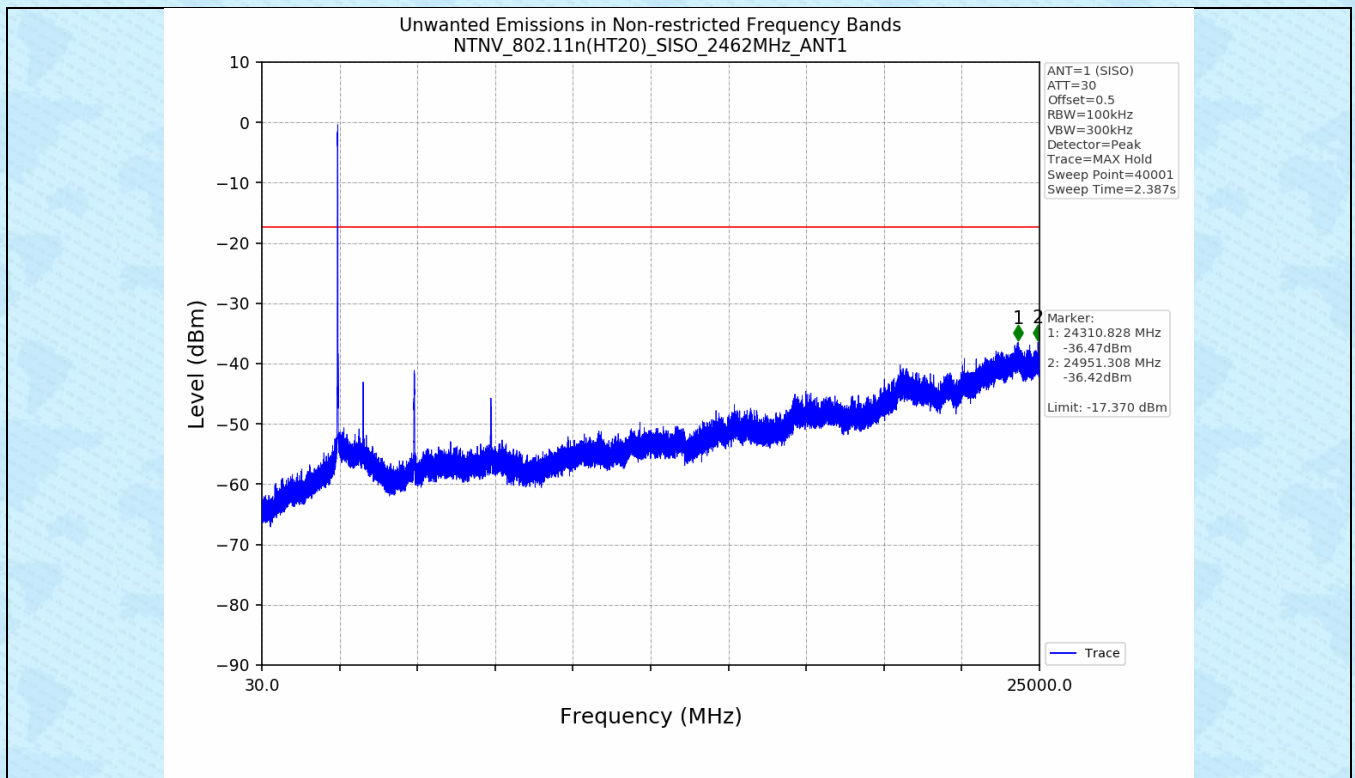












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