

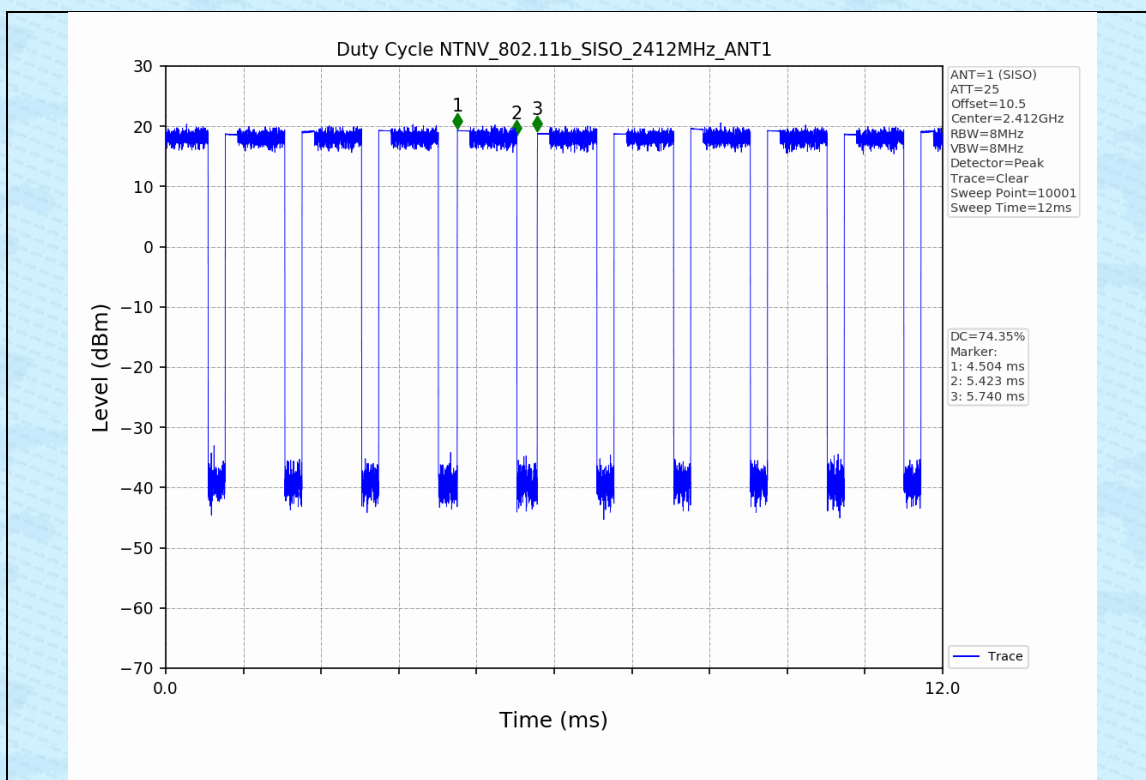
Appendix for 15.247

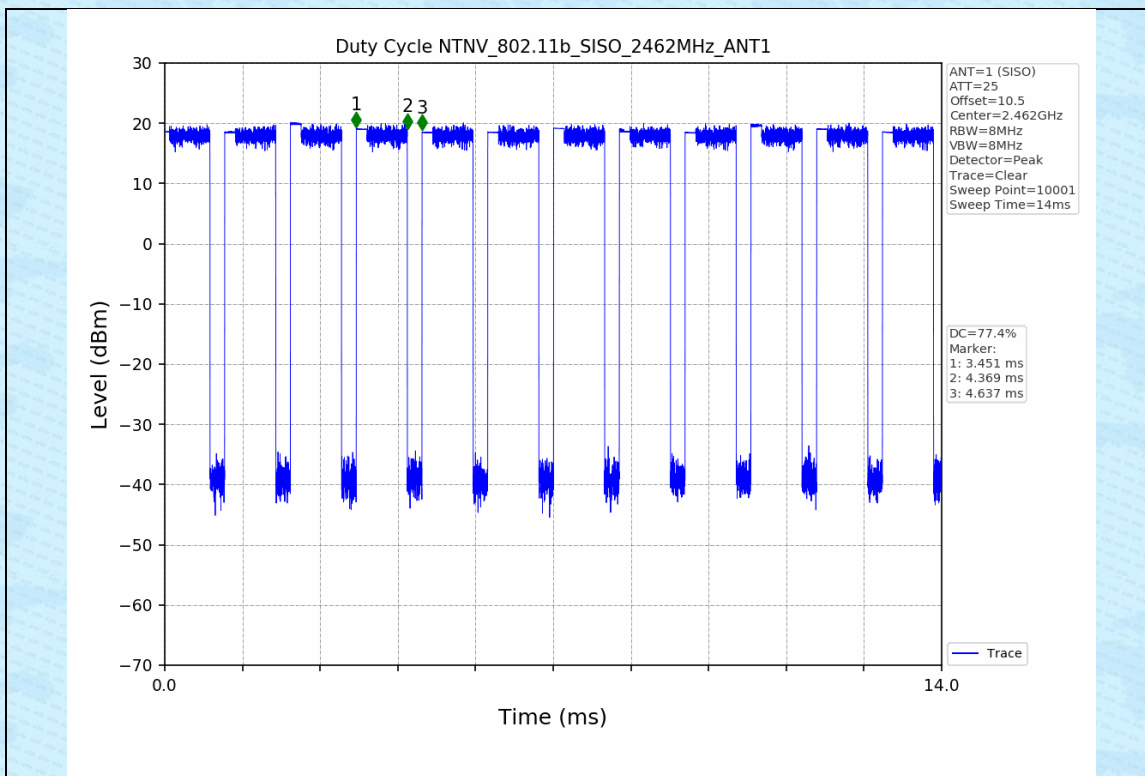
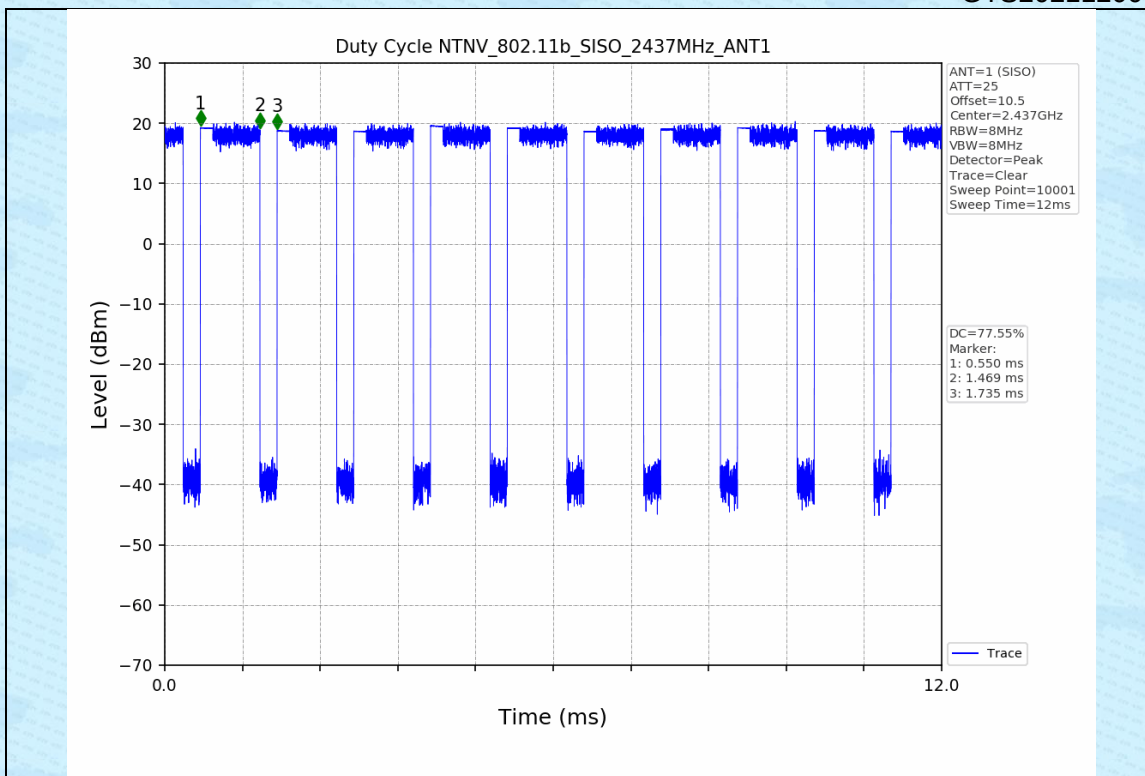
1. Duty Cycle

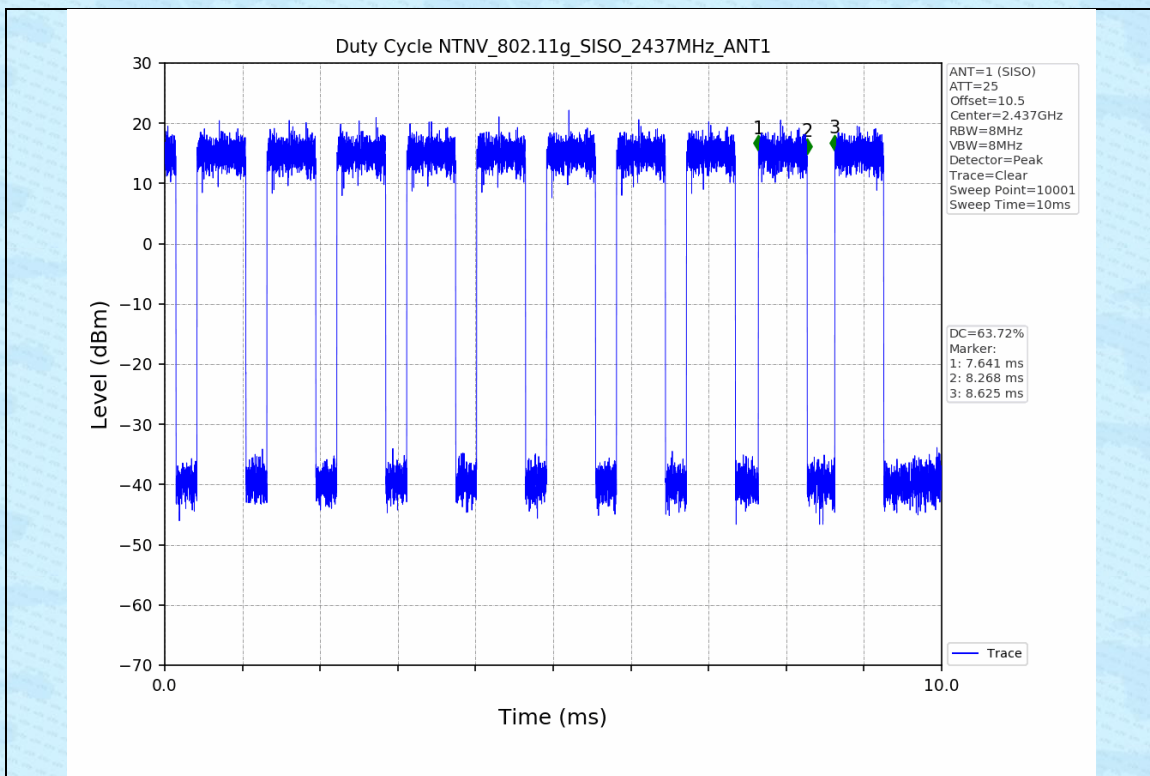
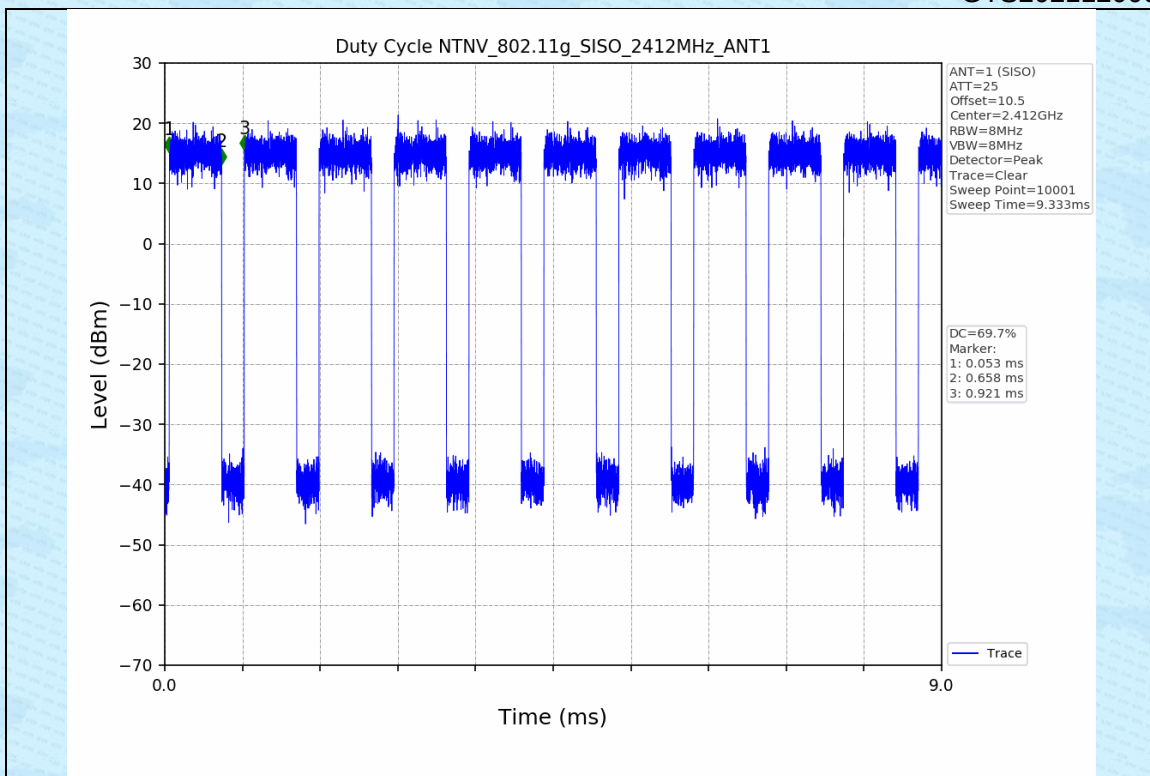
1.1 Test Result

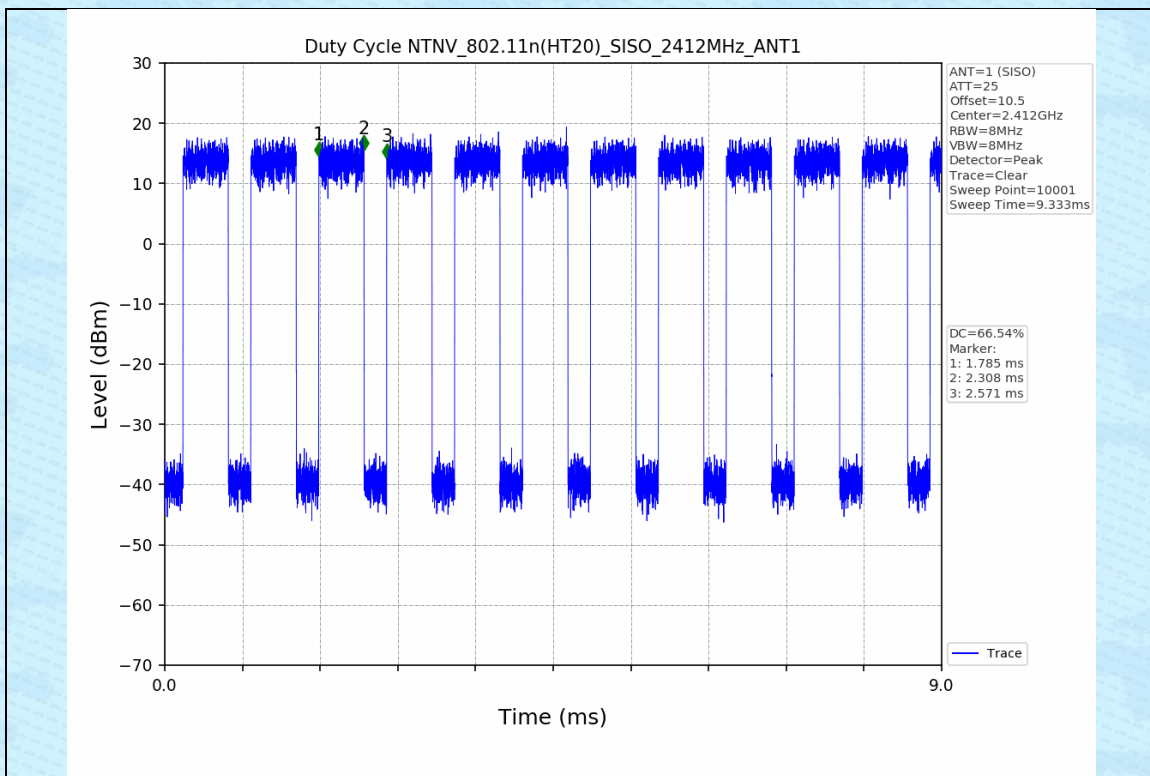
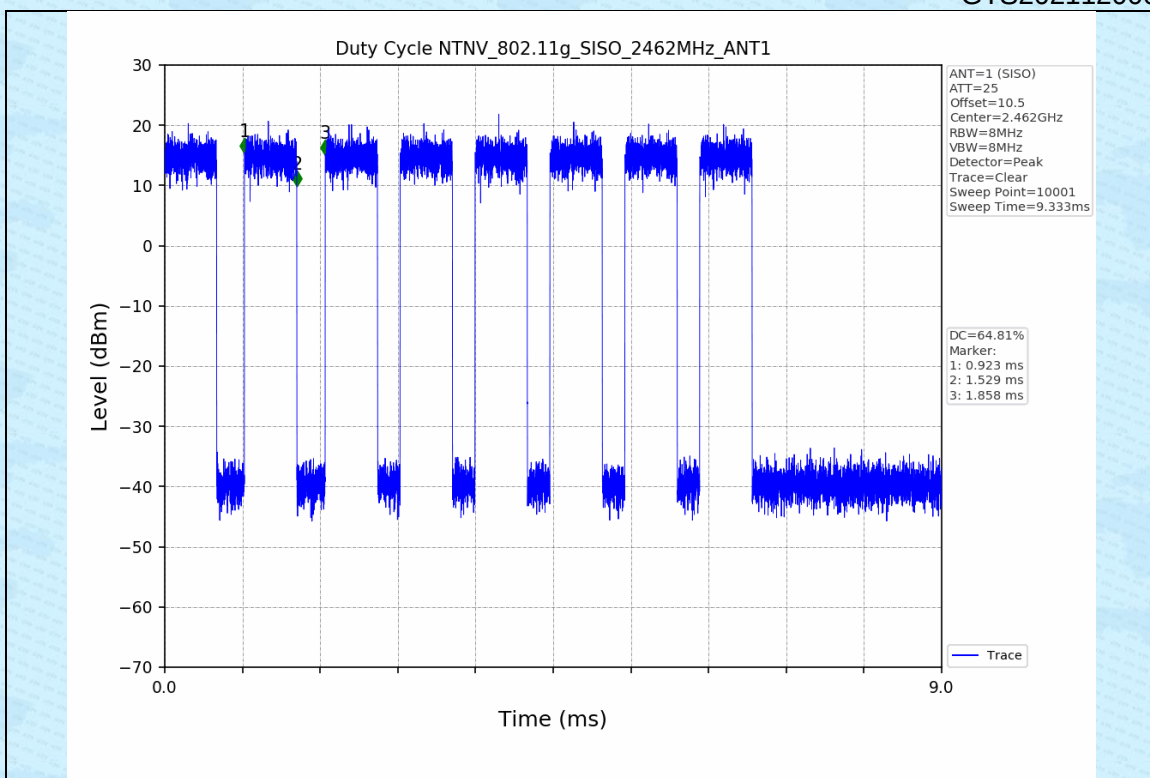
Test Mode	Channel Frequency(MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11b	2412	SISO	1	0.919	1.236	74.35	1.29
	2437	SISO	1	0.919	1.185	77.55	1.10
	2462	SISO	1	0.918	1.186	77.40	1.11
802.11g	2412	SISO	1	0.605	0.868	69.70	1.57
	2437	SISO	1	0.627	0.984	63.72	1.96
	2462	SISO	1	0.606	0.935	64.81	1.88
802.11n(HT20)	2412	SISO	1	0.523	0.786	66.54	1.77
	2437	SISO	1	0.524	0.786	66.67	1.76
	2462	SISO	1	0.528	1.048	50.38	2.98

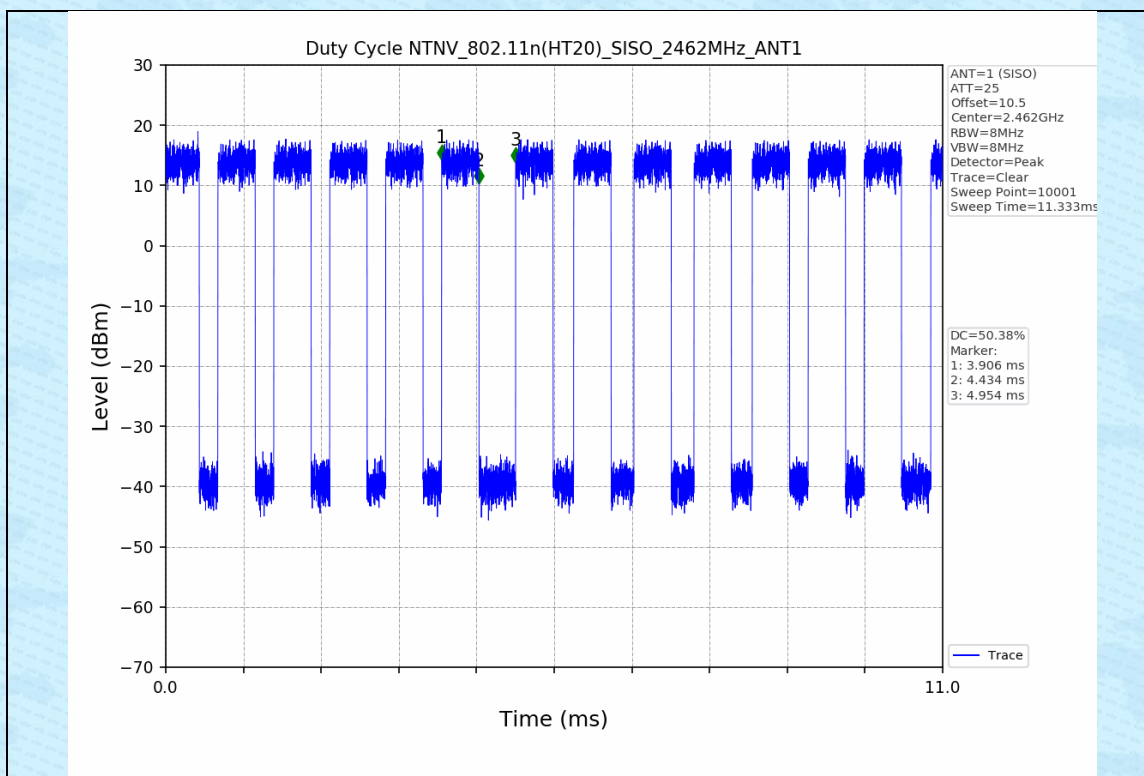
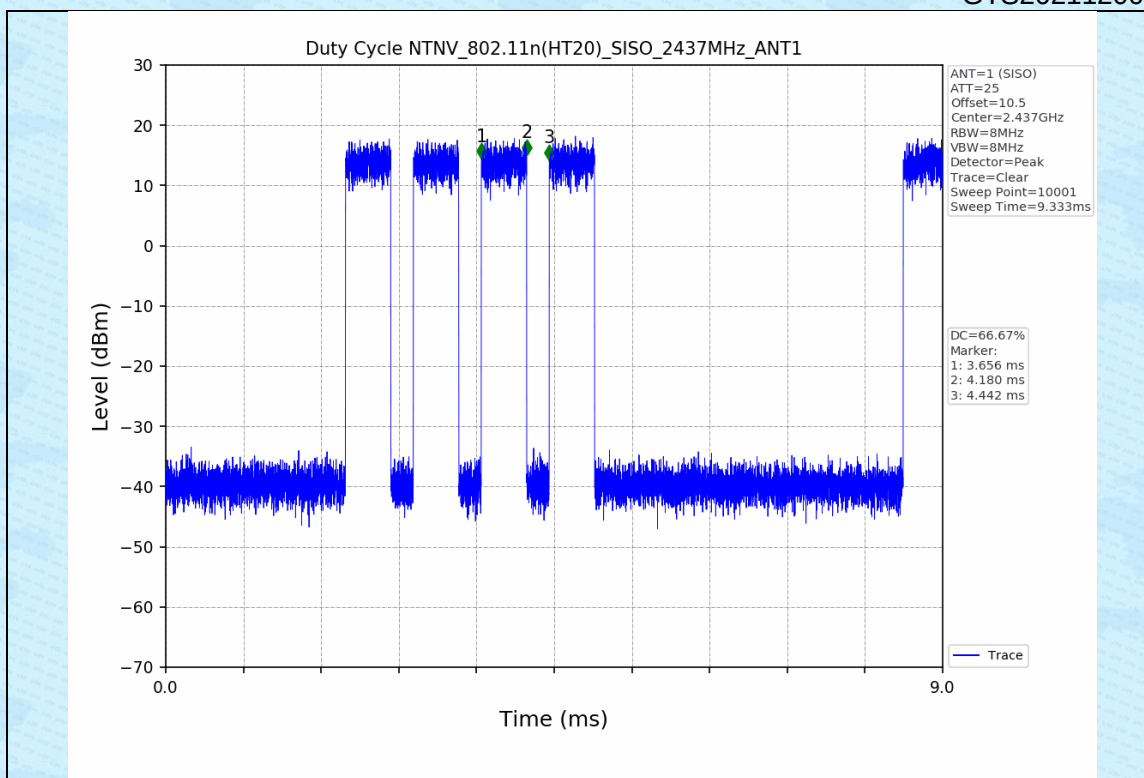
1.2 Test Graph











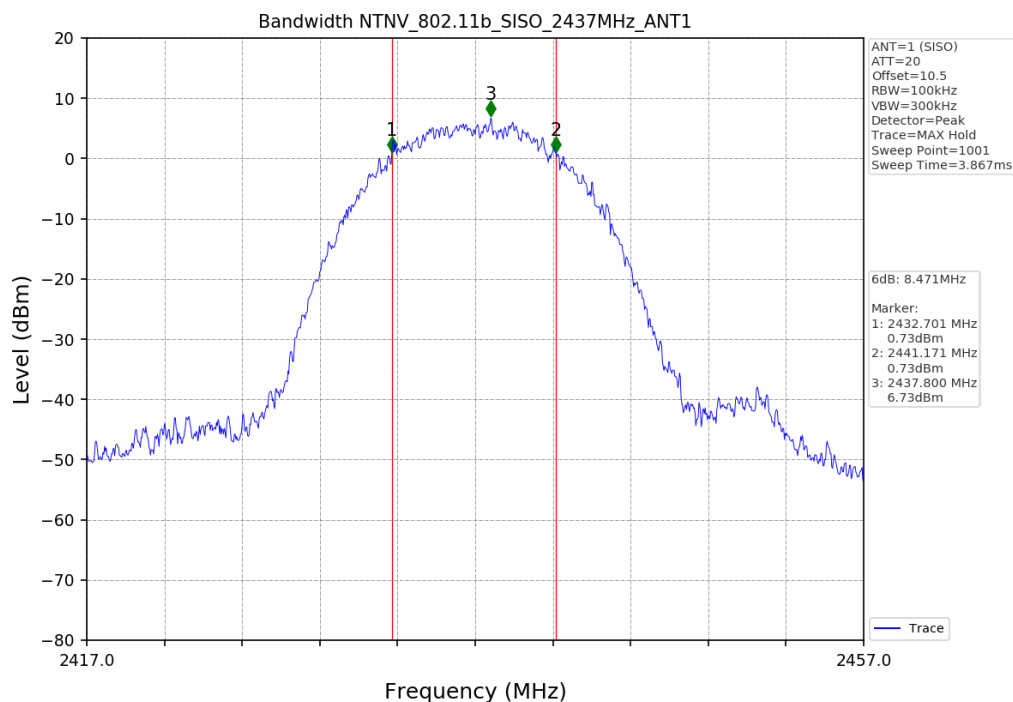
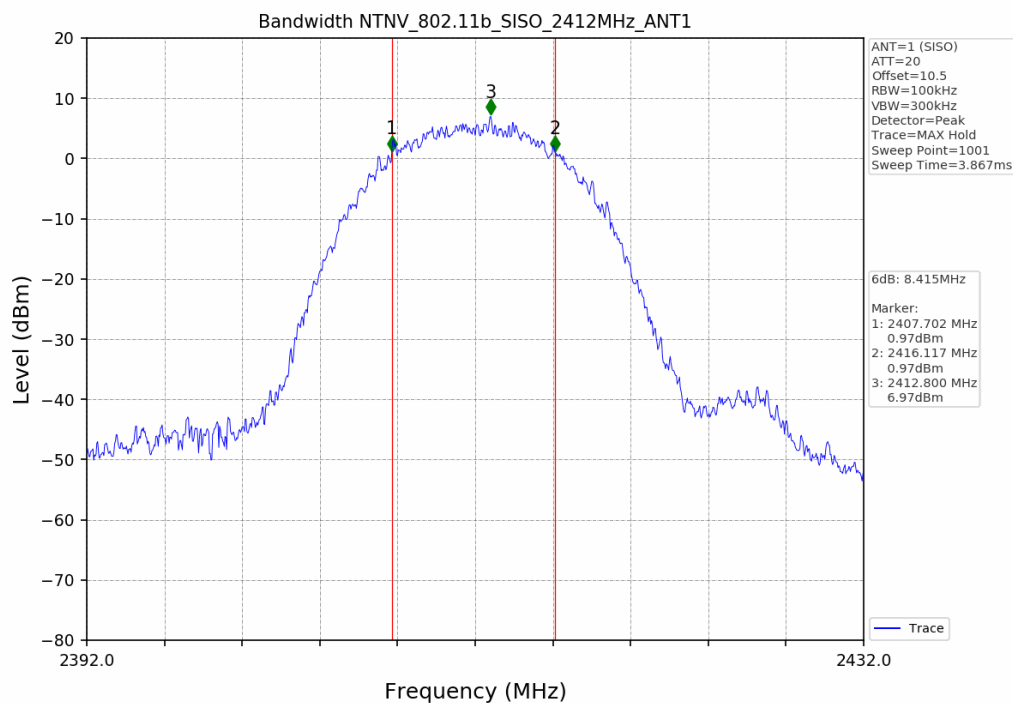
2. Bandwidth

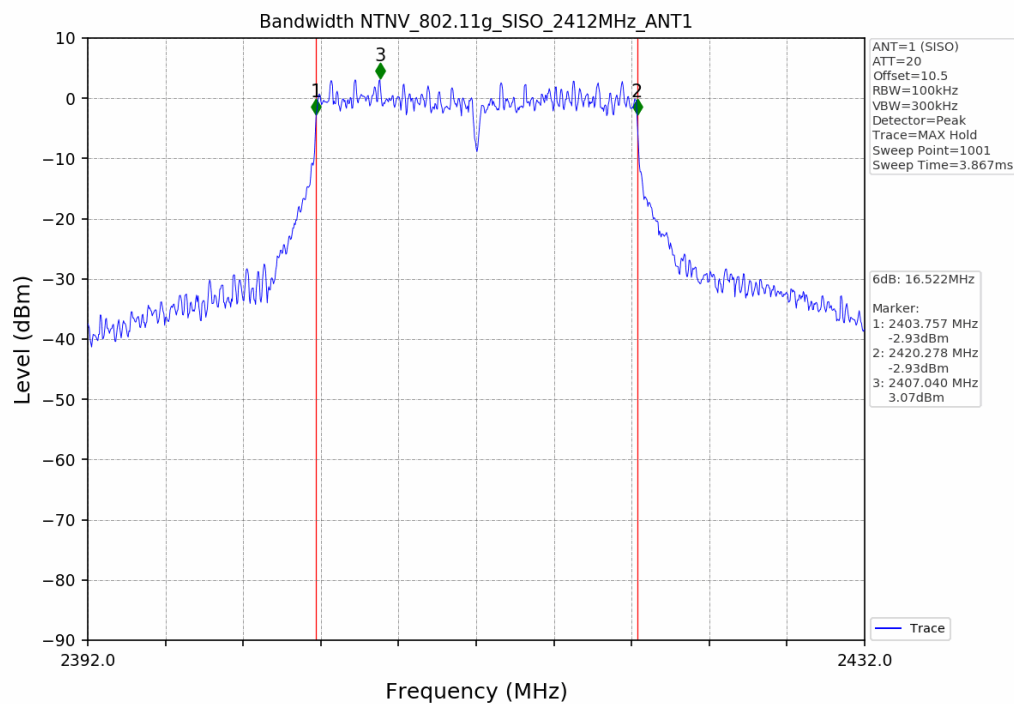
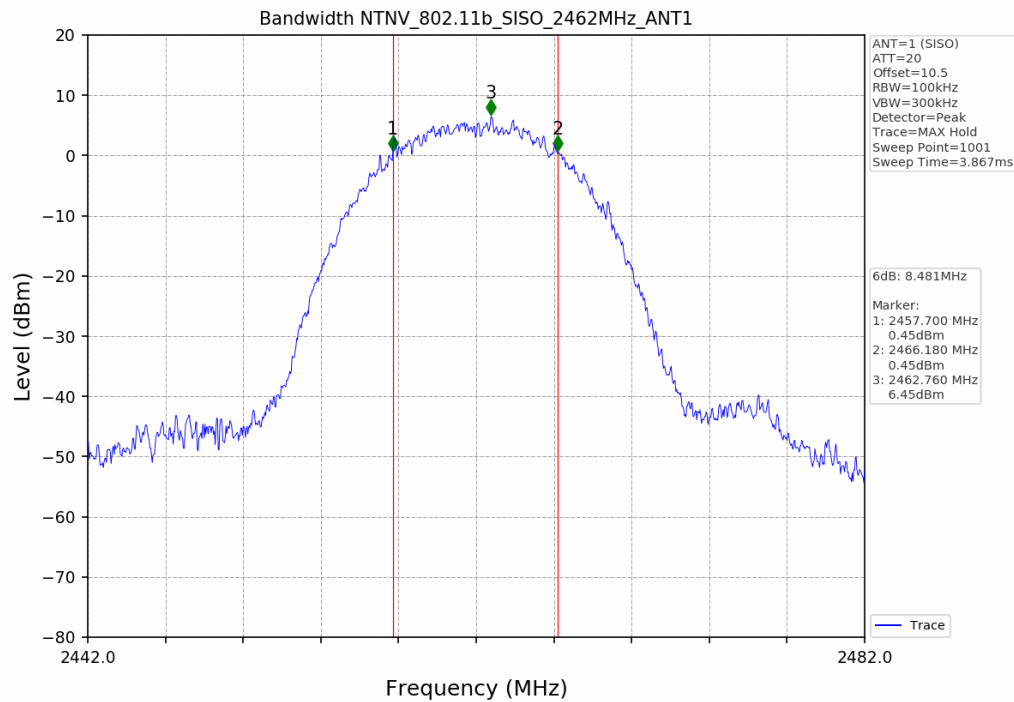
2.1 Test Result

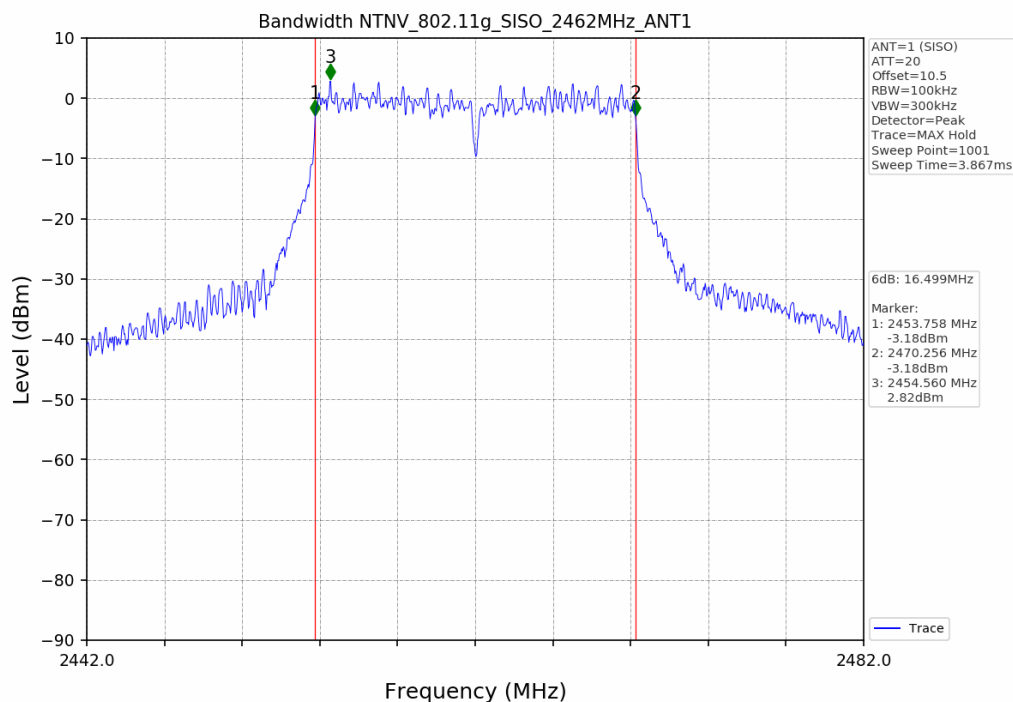
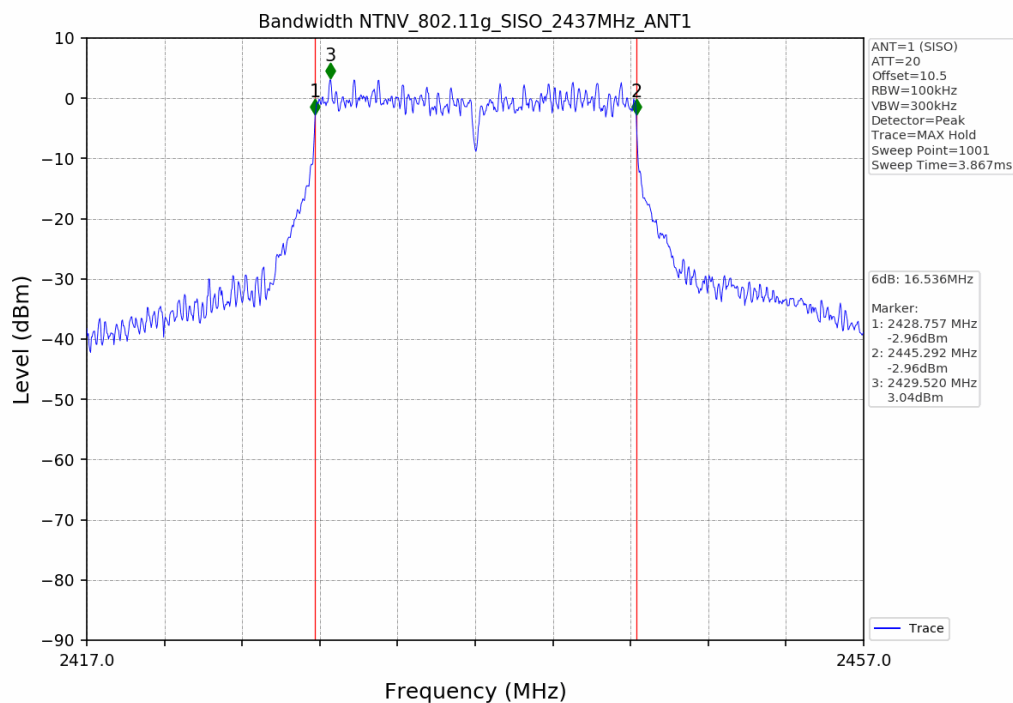
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11b	2412	SISO	1	8.415	≥0.5	PASS
	2437	SISO	1	8.471	≥0.5	PASS
	2462	SISO	1	8.481	≥0.5	PASS
802.11g	2412	SISO	1	16.522	≥0.5	PASS
	2437	SISO	1	16.536	≥0.5	PASS
	2462	SISO	1	16.499	≥0.5	PASS
802.11n(HT20)	2412	SISO	1	17.704	≥0.5	PASS
	2437	SISO	1	17.701	≥0.5	PASS
	2462	SISO	1	17.700	≥0.5	PASS

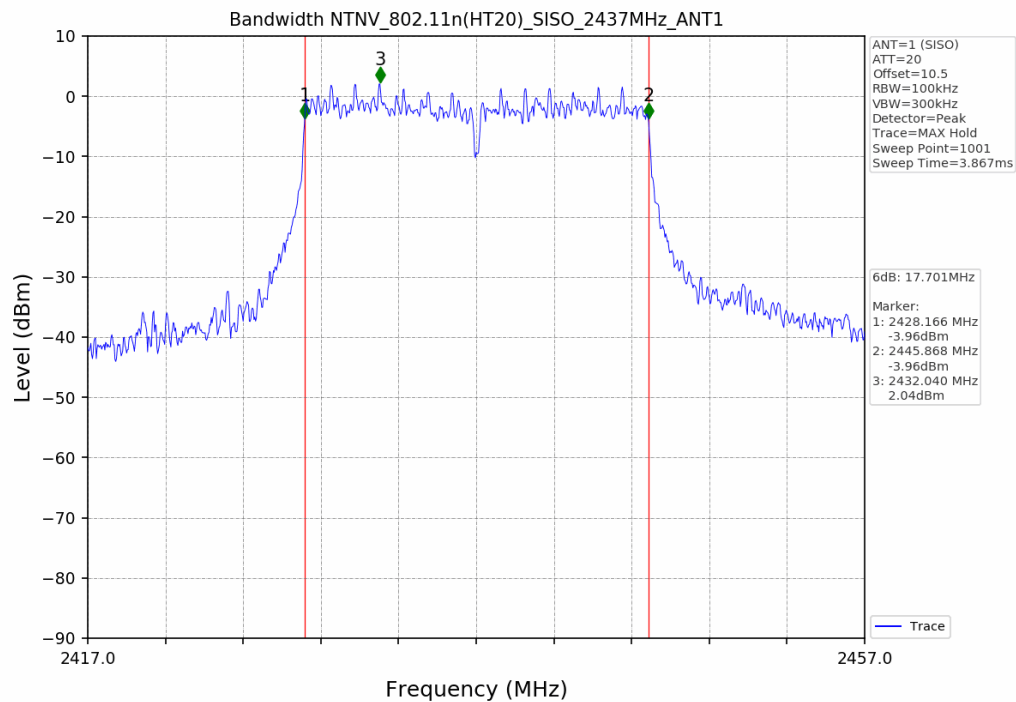
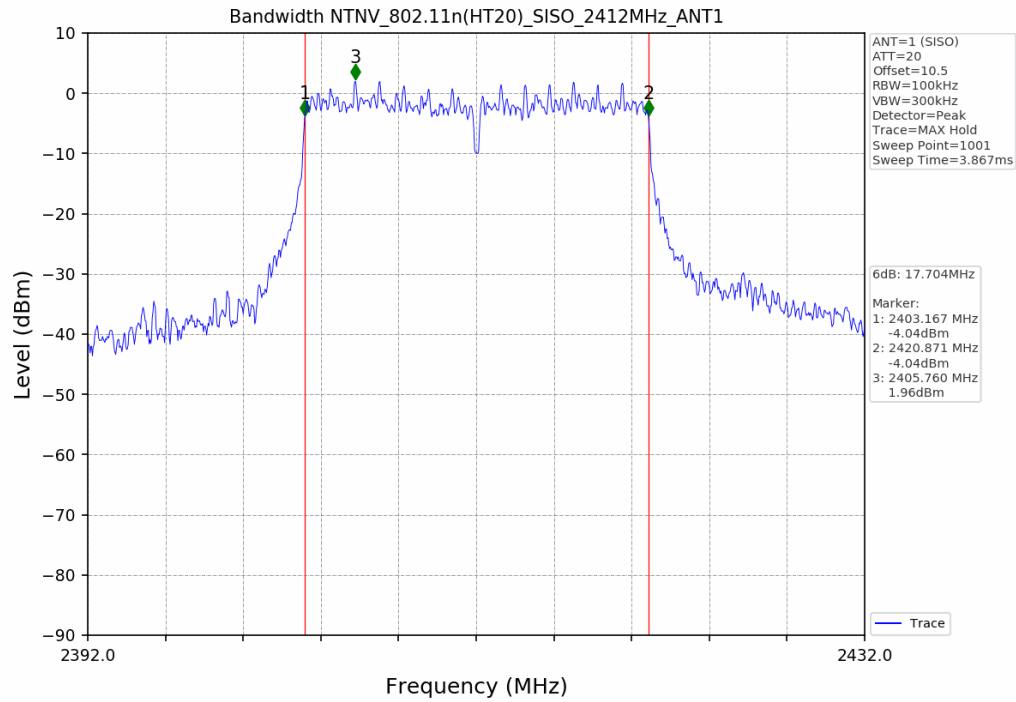
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	12.832	Only for Report Use
	2437	SISO	1	12.818	Only for Report Use
	2462	SISO	1	12.814	Only for Report Use
802.11g	2412	SISO	1	16.828	Only for Report Use
	2437	SISO	1	16.809	Only for Report Use
	2462	SISO	1	16.828	Only for Report Use
802.11n(HT20)	2412	SISO	1	17.804	Only for Report Use
	2437	SISO	1	17.800	Only for Report Use
	2462	SISO	1	17.793	Only for Report Use

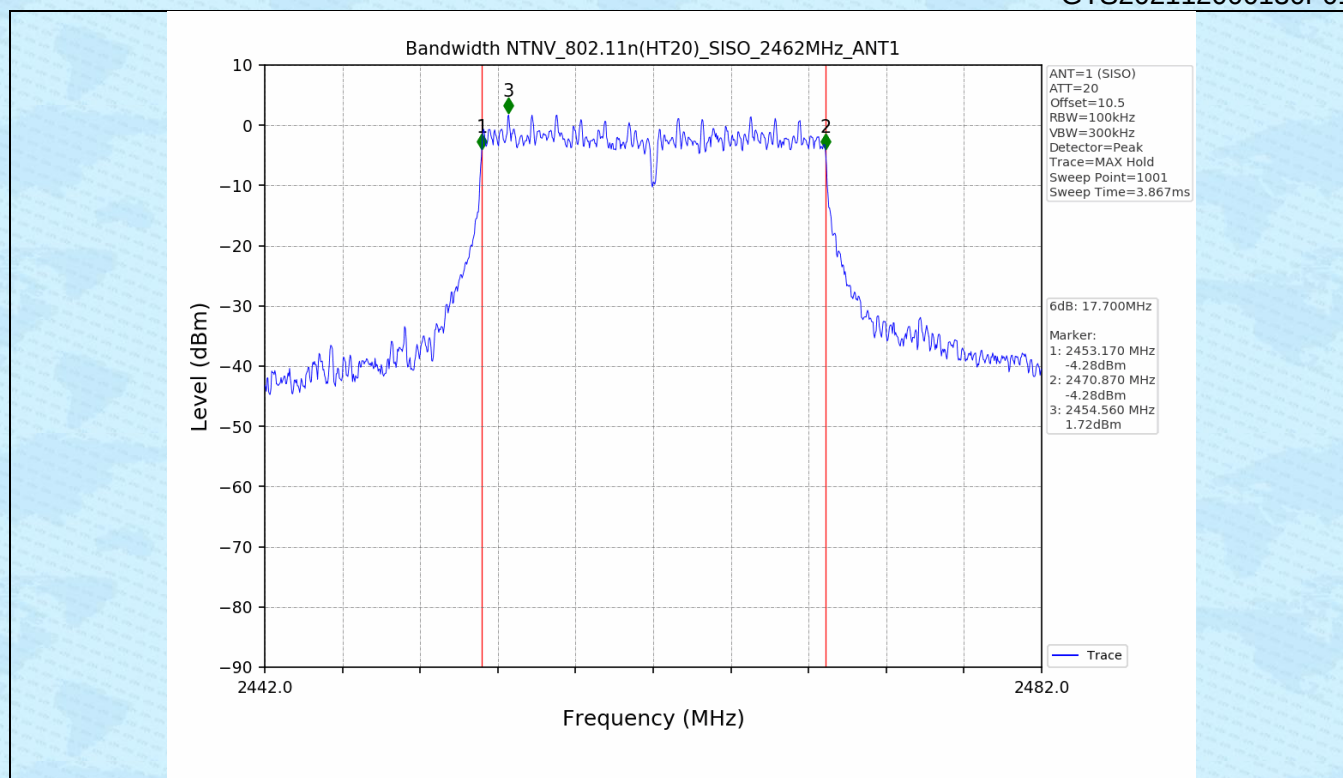
2.2 Test Graph - 6dB Bandwidth



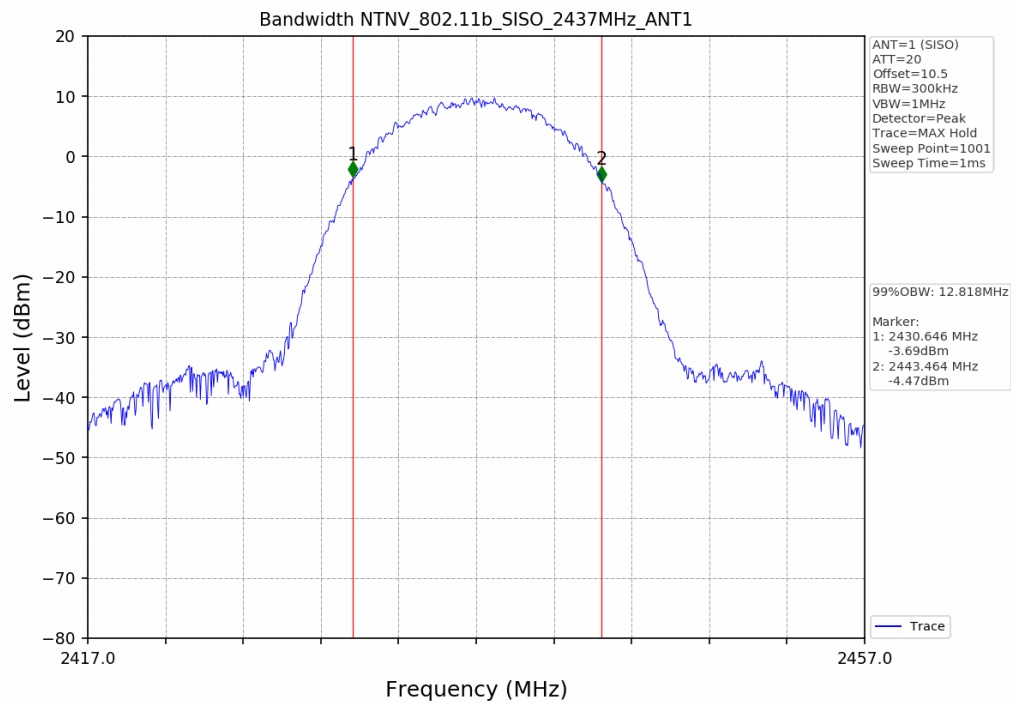
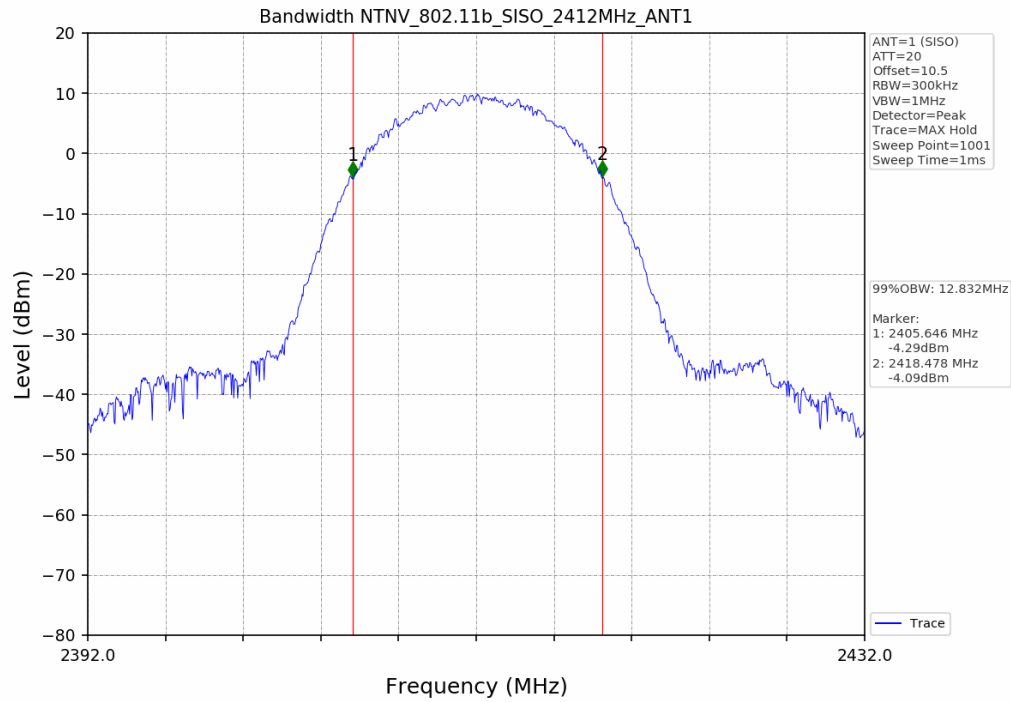


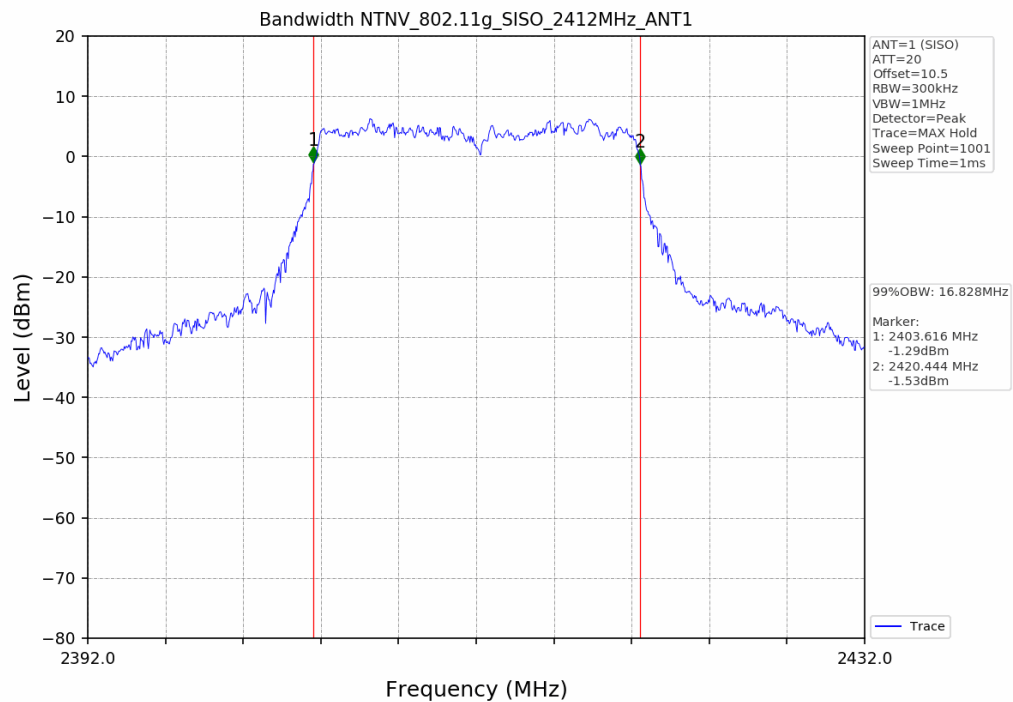
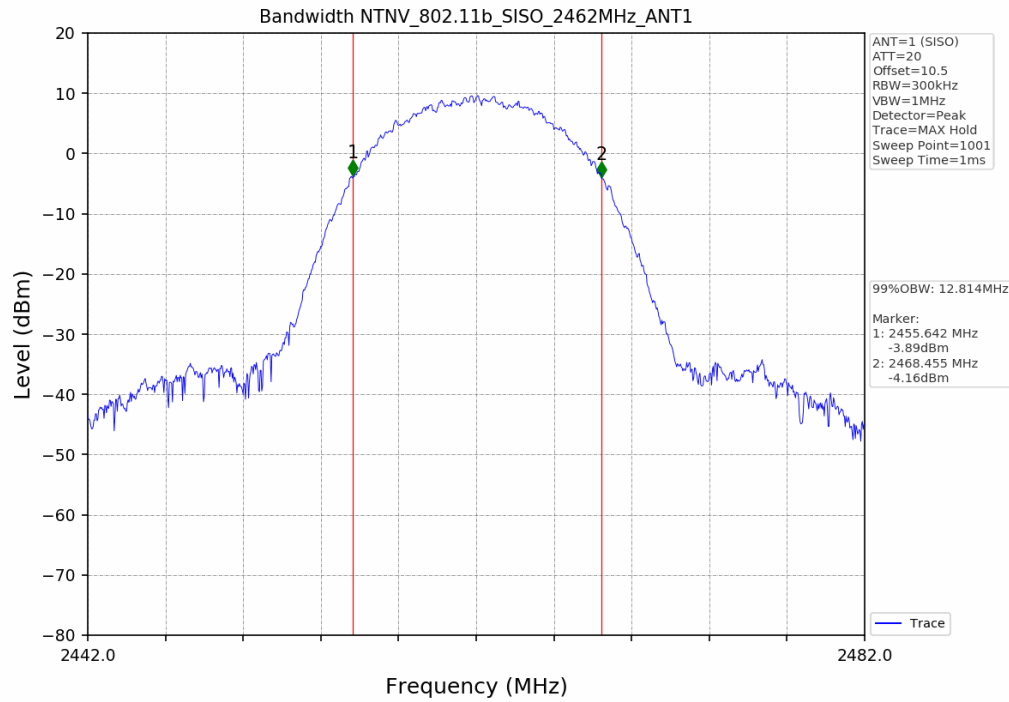


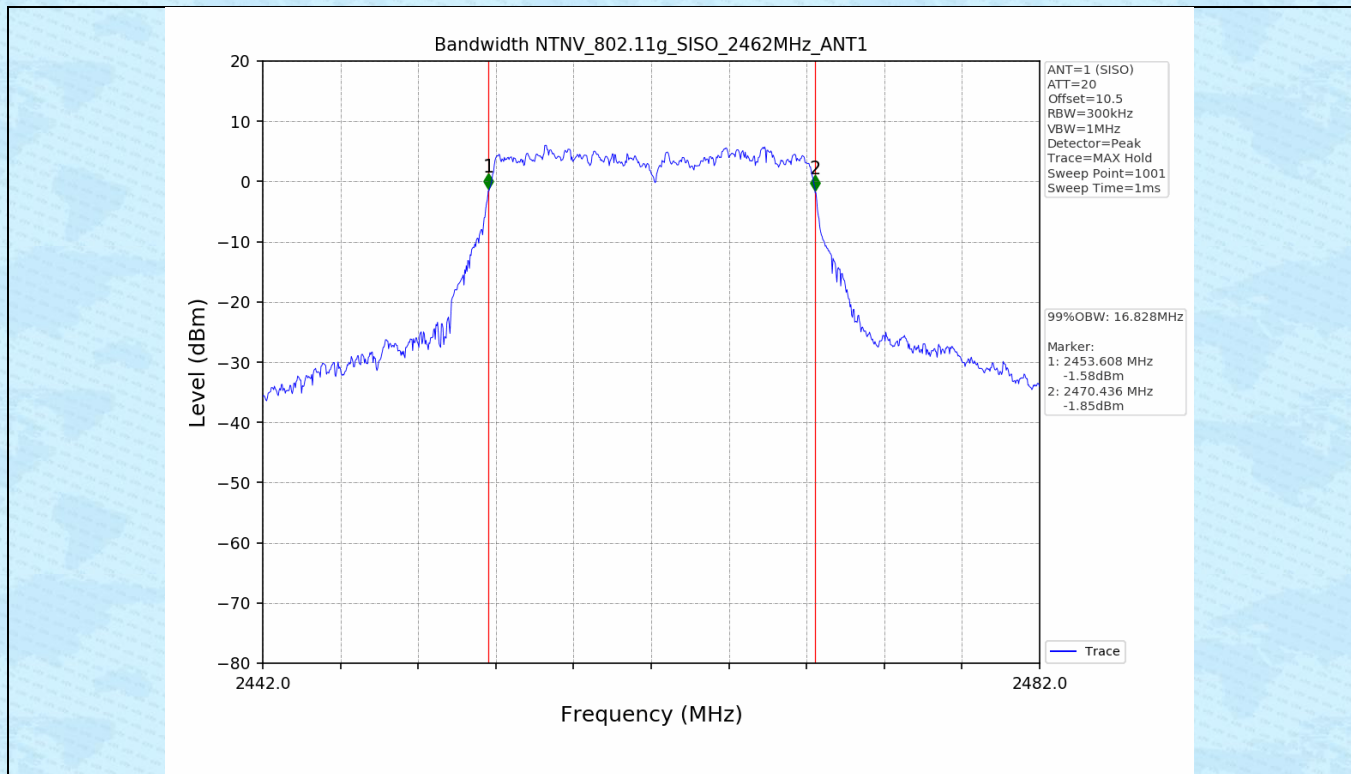
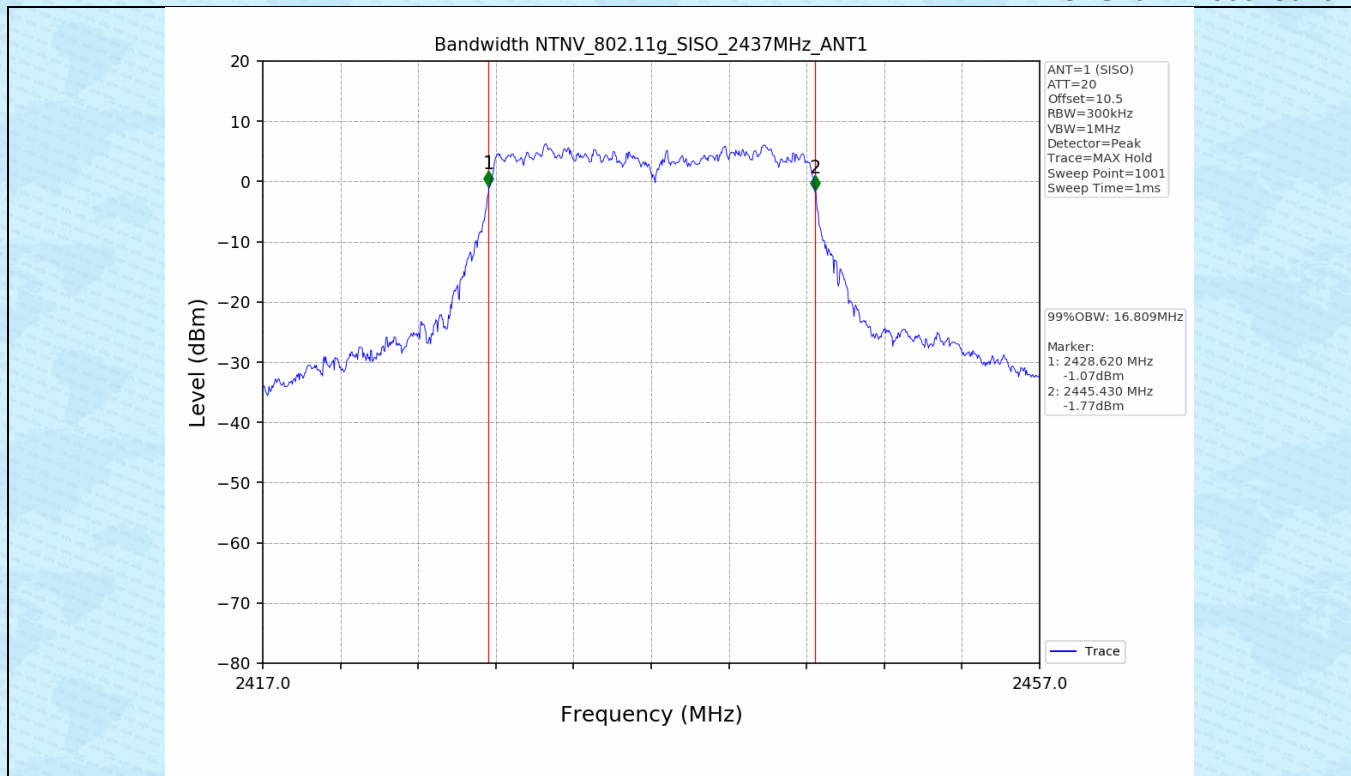


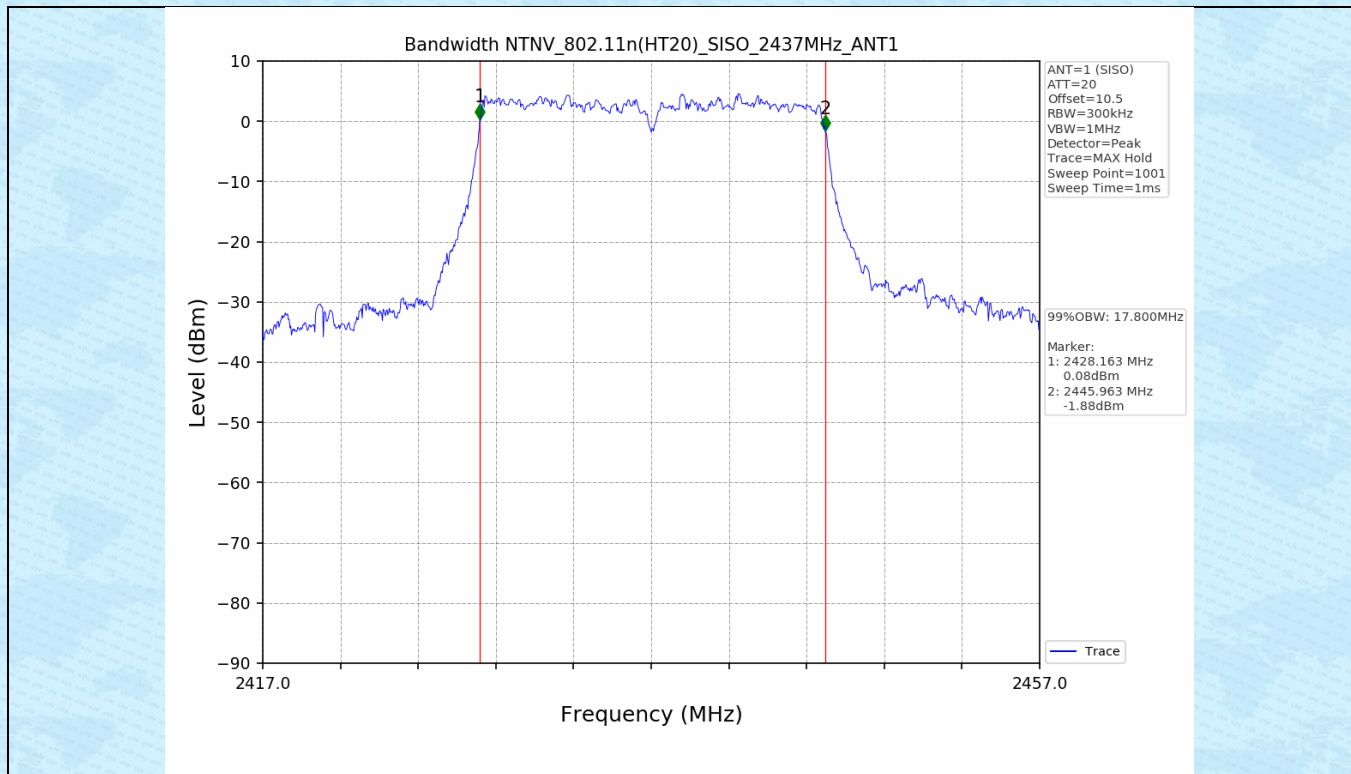
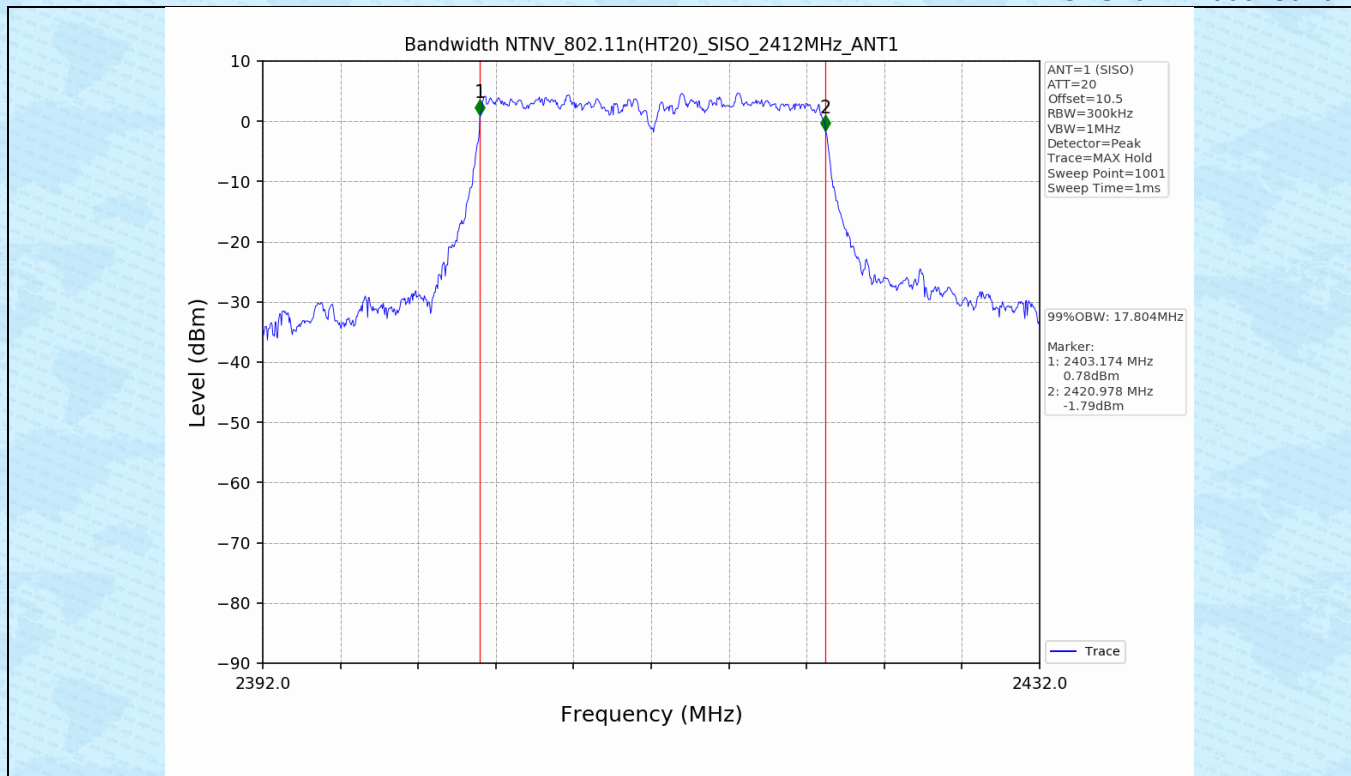


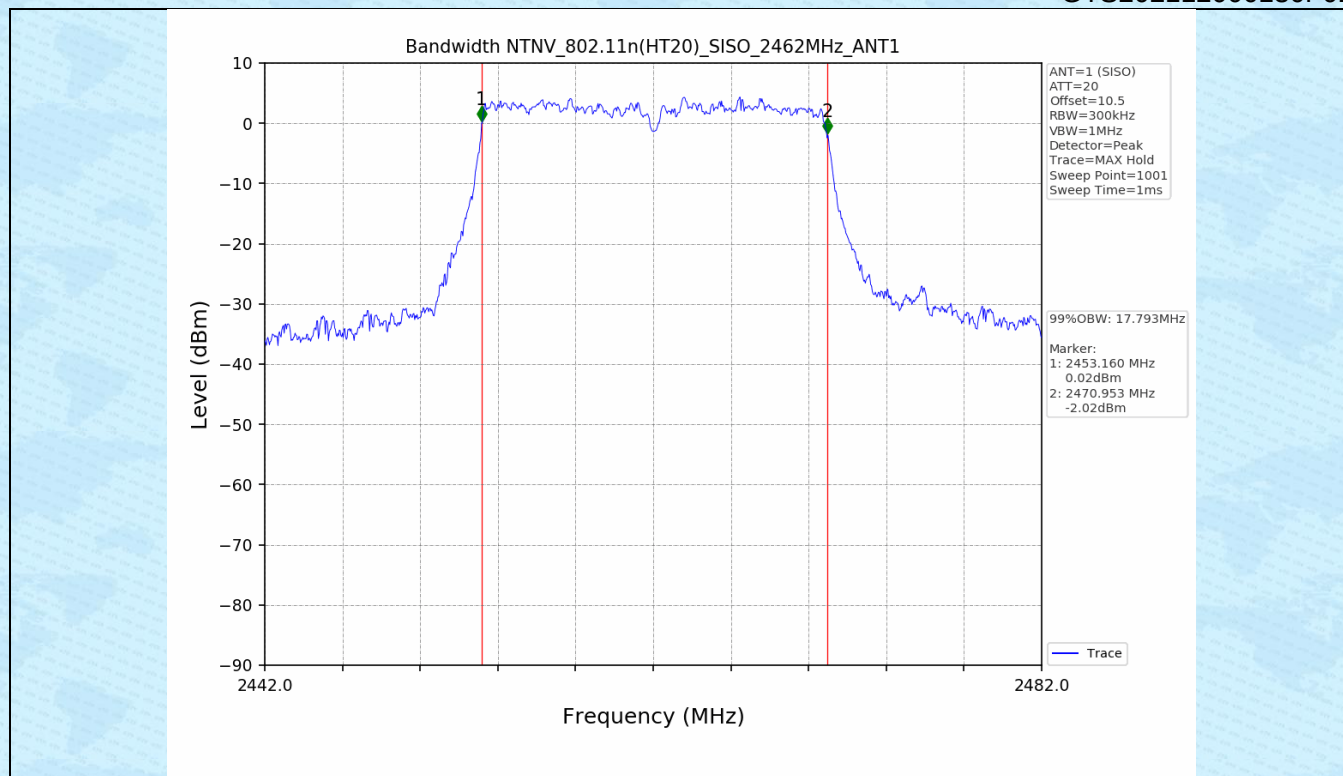
2.3 Test Graph - 99% Occupied Bandwidth











3. Maximum Conducted Output Power

3.1 Test Result

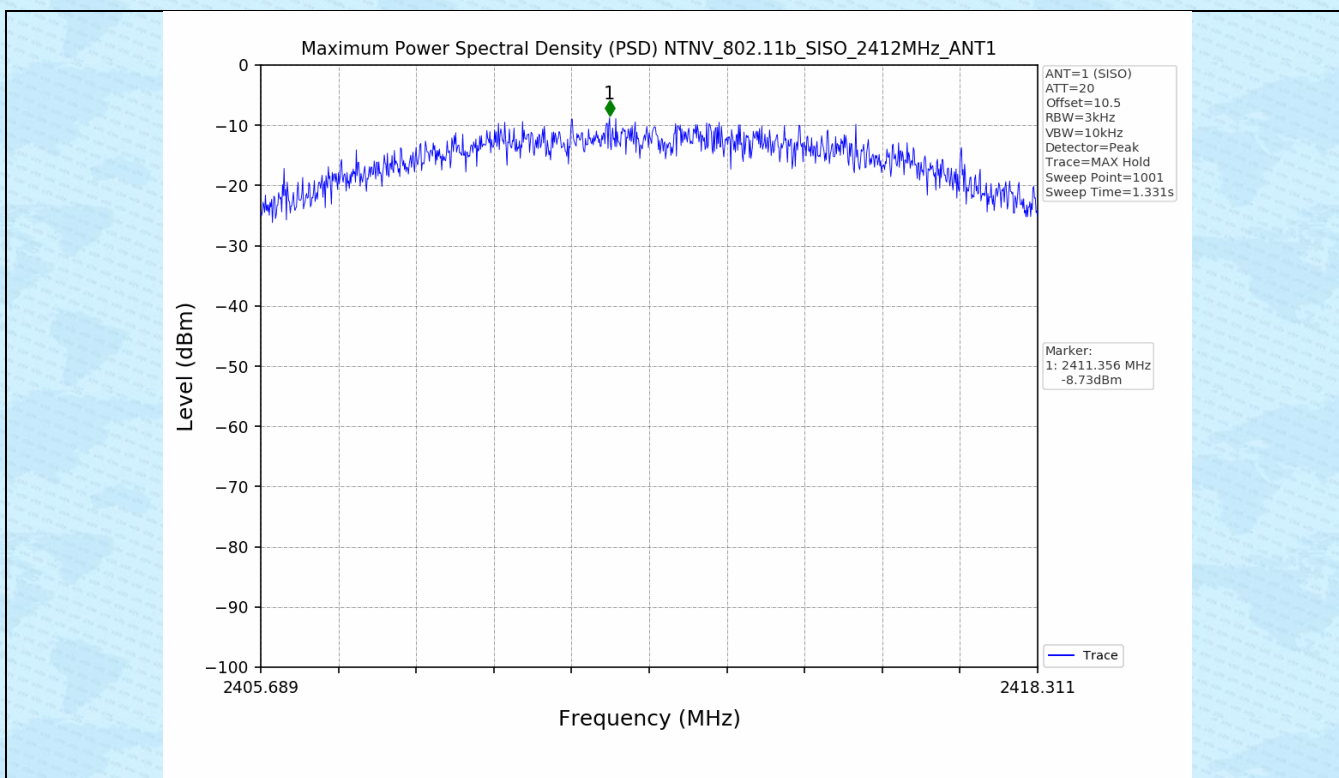
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
802.11b	2412	SISO	20.85	30	PASS
	2437	SISO	20.75	30	PASS
	2462	SISO	20.52	30	PASS
802.11g	2412	SISO	22.03	30	PASS
	2437	SISO	21.97	30	PASS
	2462	SISO	21.67	30	PASS
802.11n(HT20)	2412	SISO	21.11	30	PASS
	2437	SISO	20.98	30	PASS
	2462	SISO	20.75	30	PASS

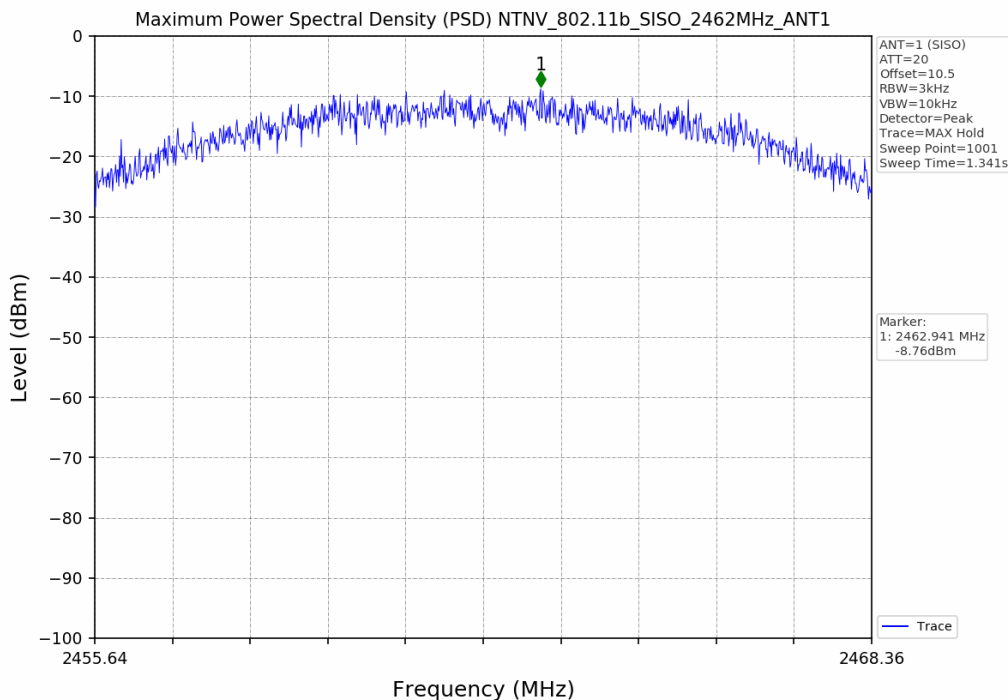
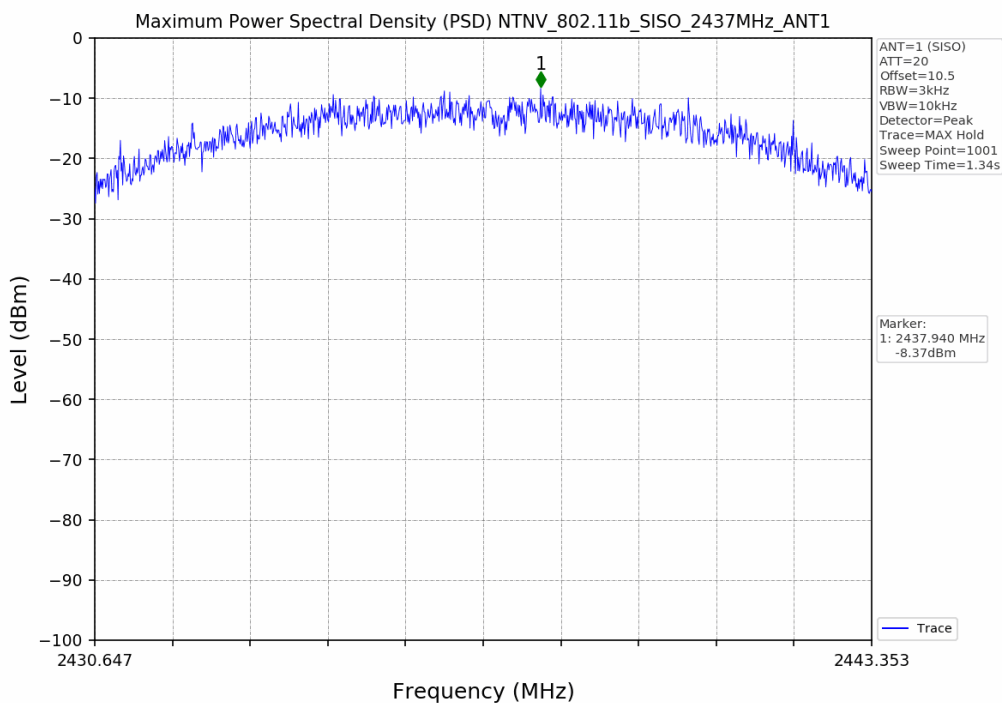
4. Maximum Power Spectral Density (PSD)

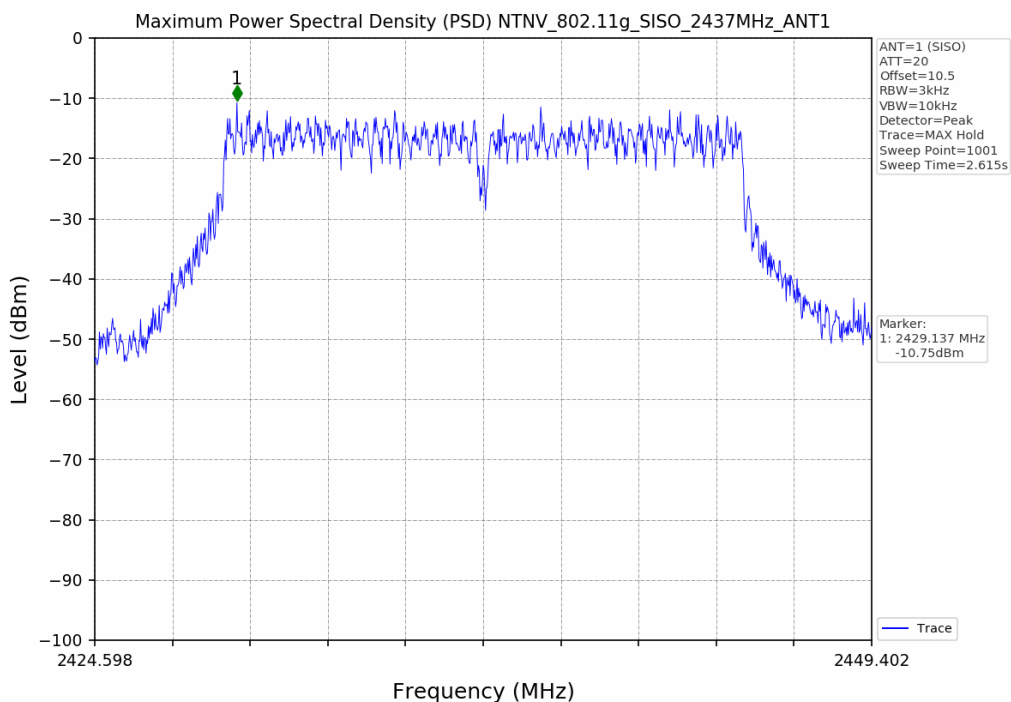
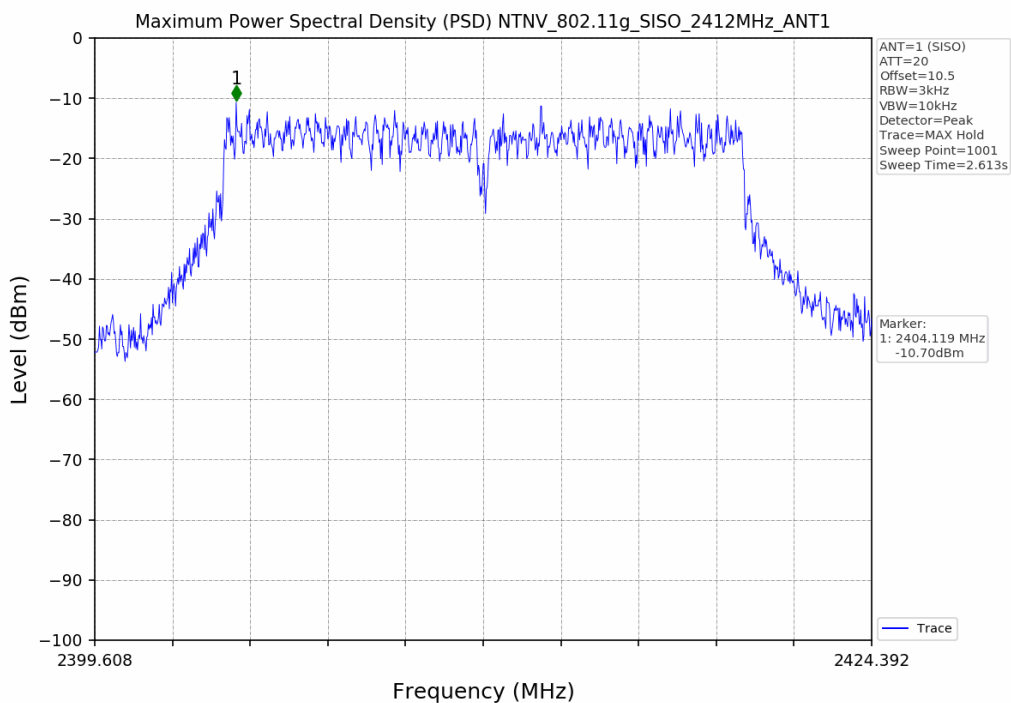
4.1 Test Result

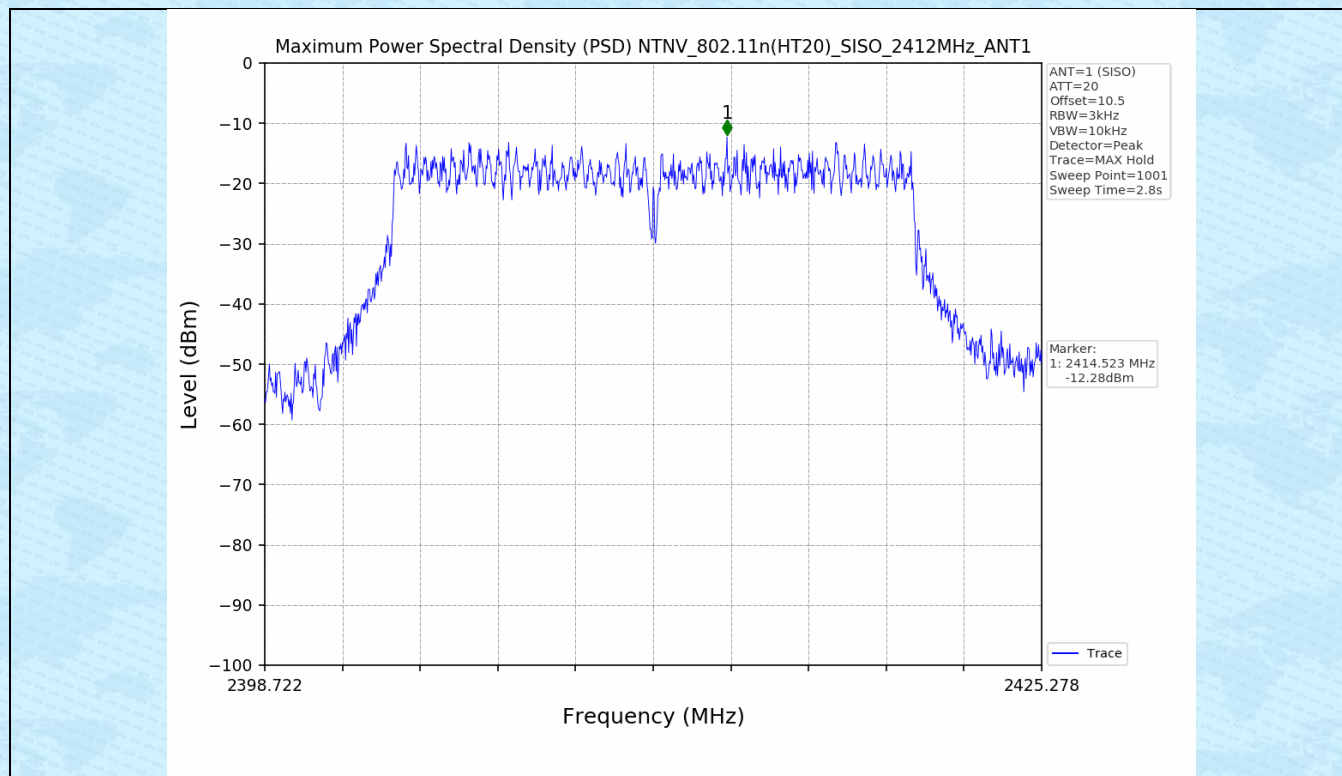
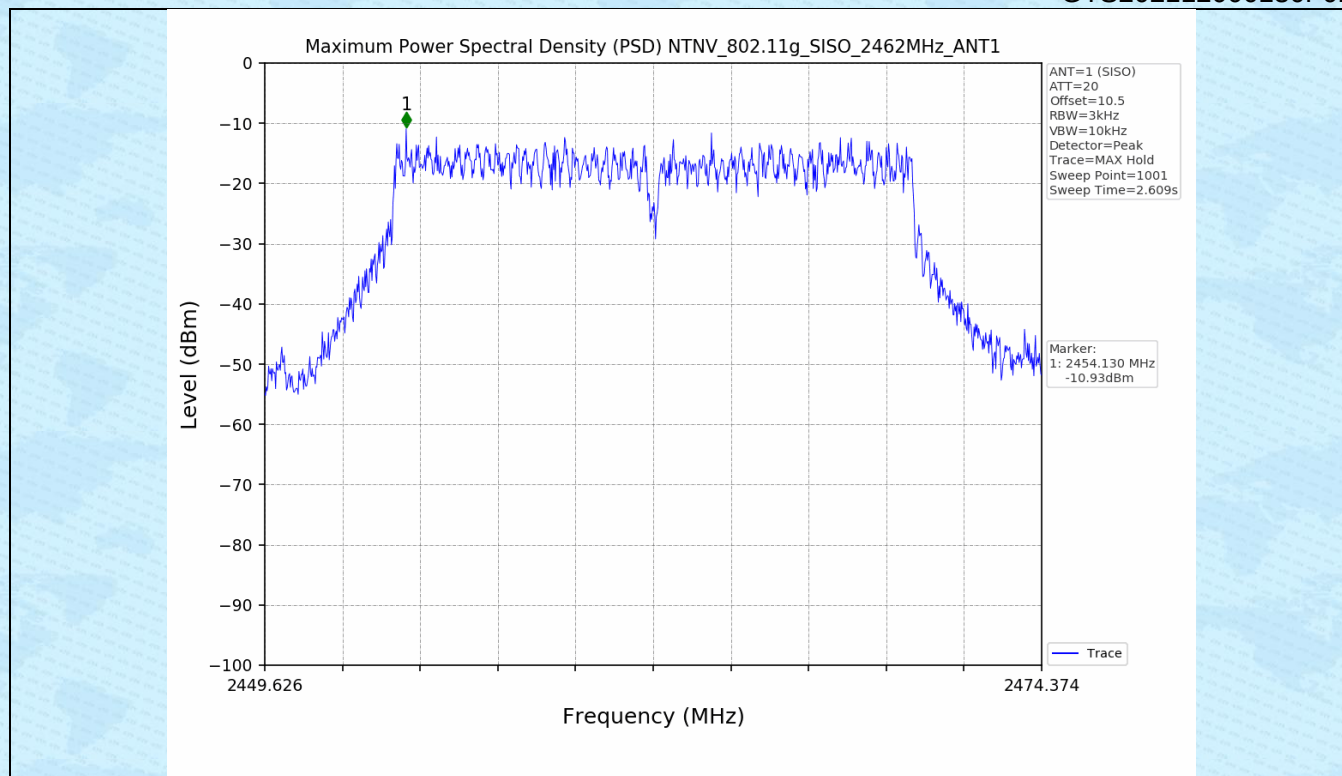
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3KHz)	Verdict
			Ant 1		
802.11b	2412	SISO	-8.73	≤8	PASS
	2437	SISO	-8.37	≤8	PASS
	2462	SISO	-8.76	≤8	PASS
802.11g	2412	SISO	-10.70	≤8	PASS
	2437	SISO	-10.75	≤8	PASS
	2462	SISO	-10.93	≤8	PASS
802.11n(HT20)	2412	SISO	-12.28	≤8	PASS
	2437	SISO	-12.35	≤8	PASS
	2462	SISO	-12.62	≤8	PASS

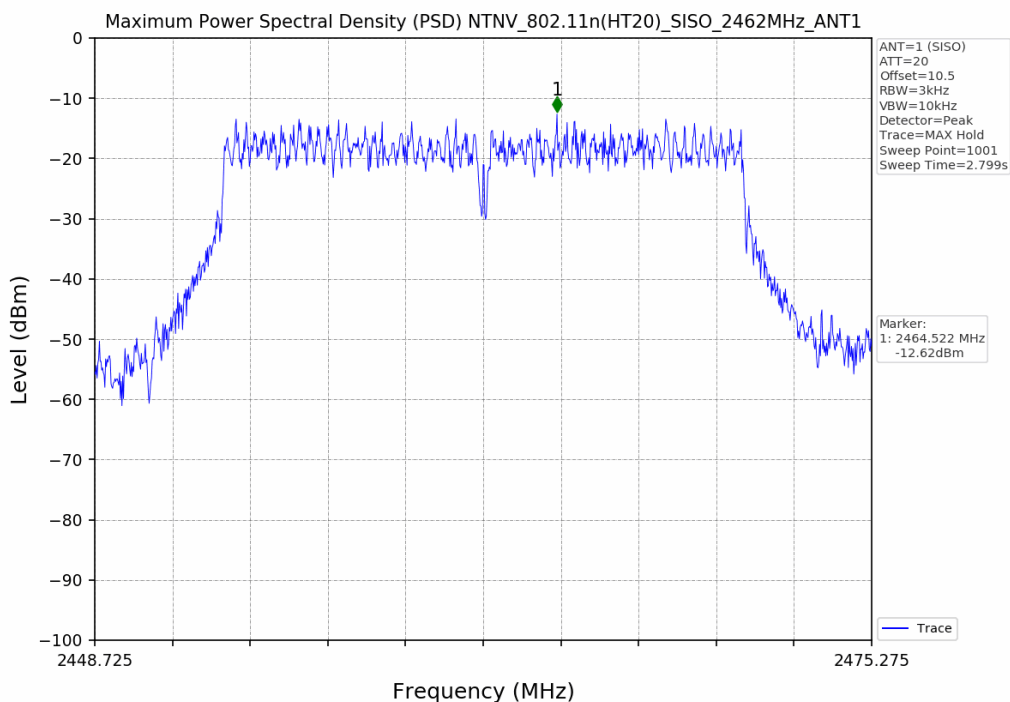
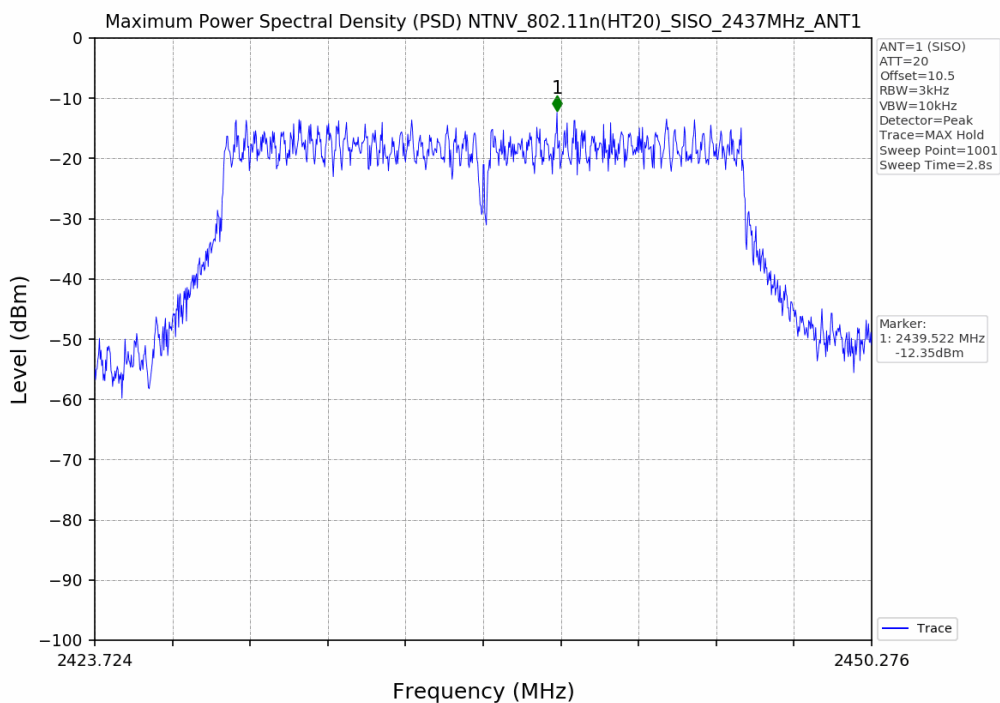
4.2 Test Graph









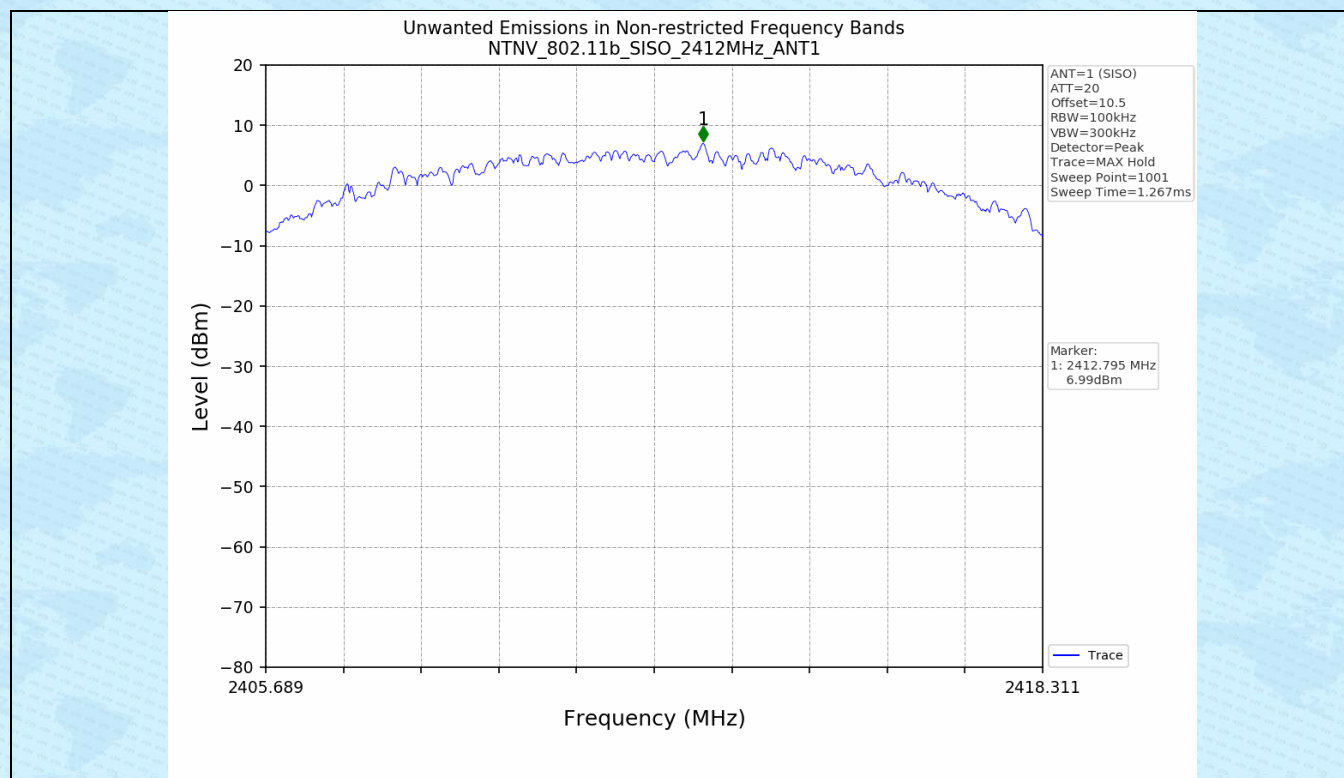


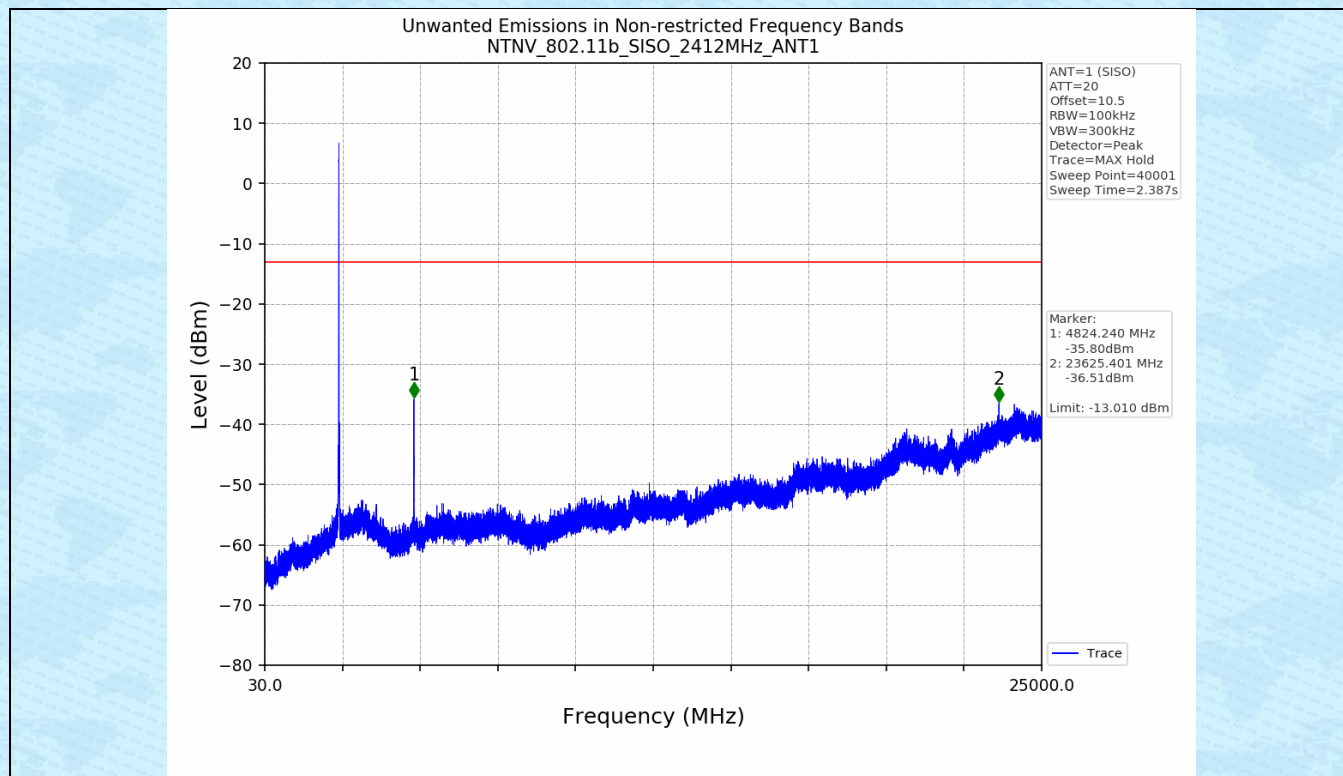
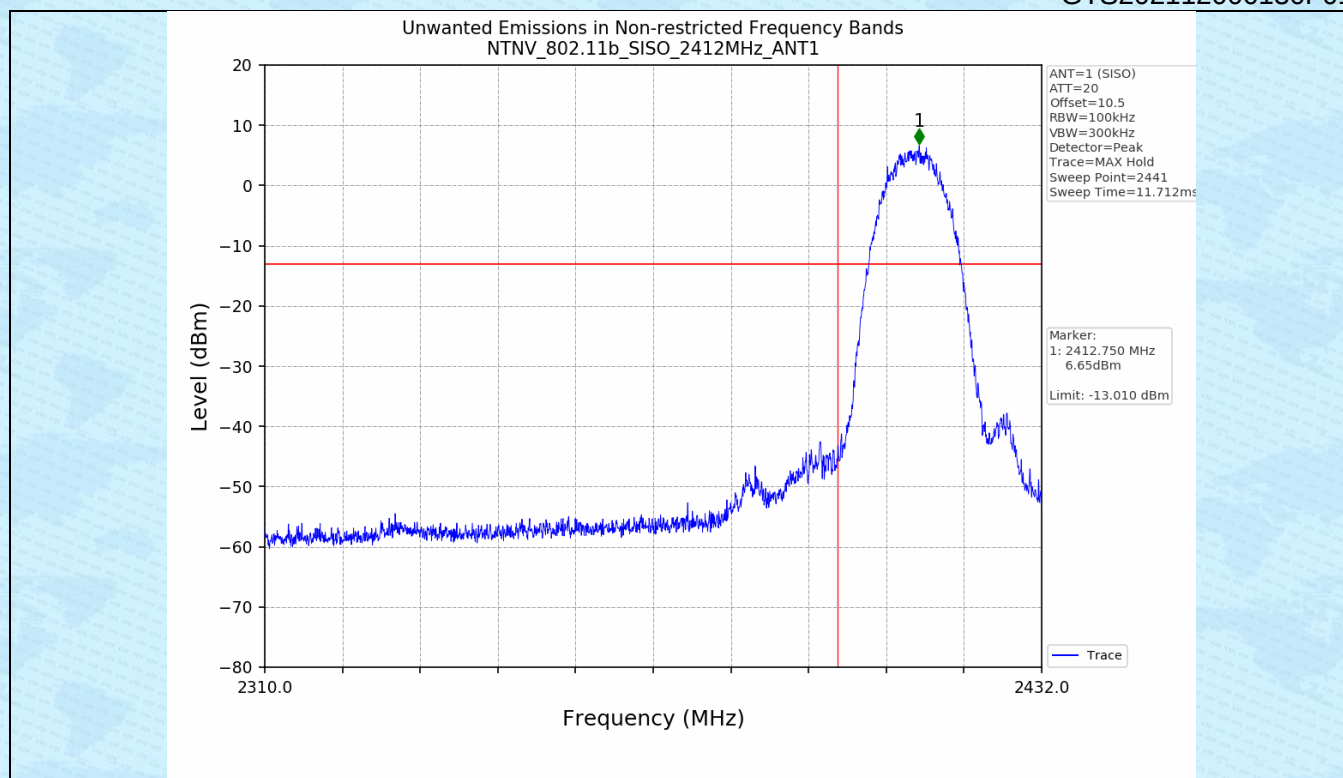
5. Unwanted Emissions in Non-restricted Frequency Bands

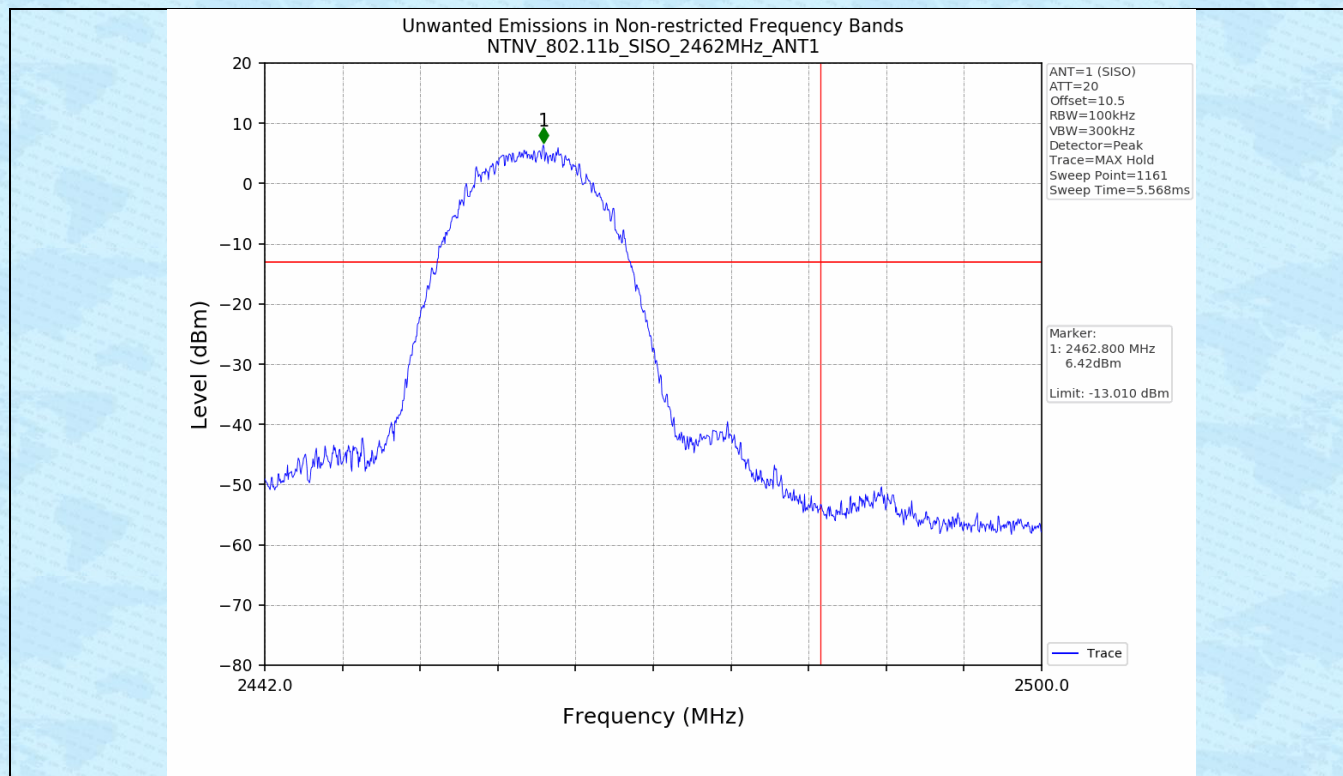
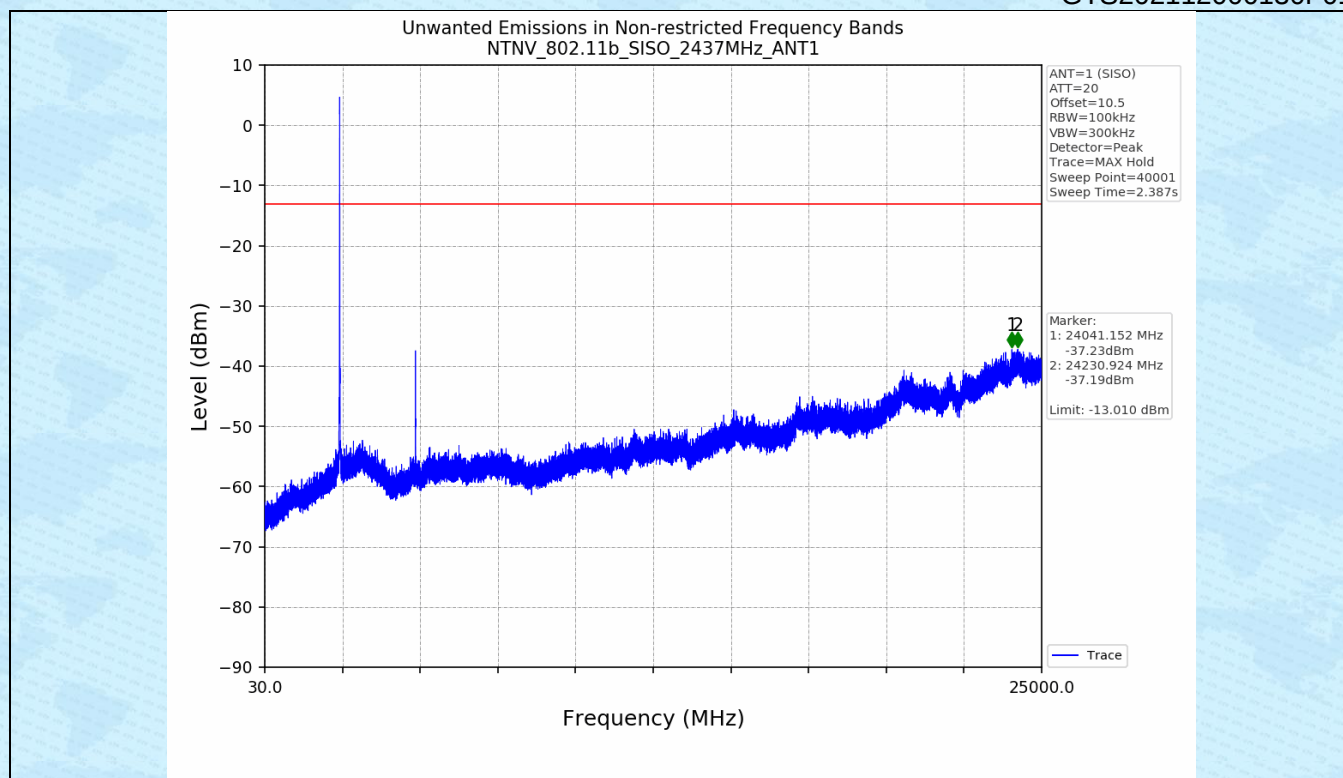
5.1 Test Result

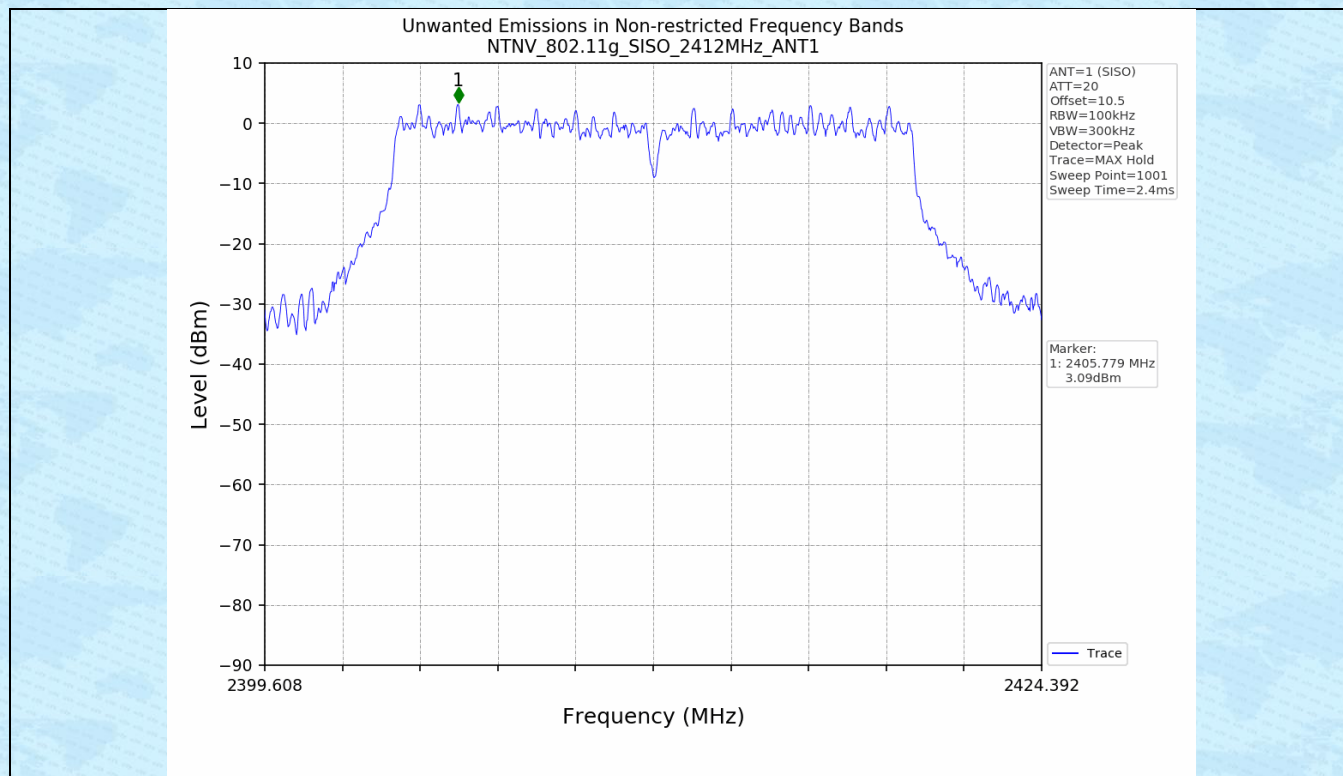
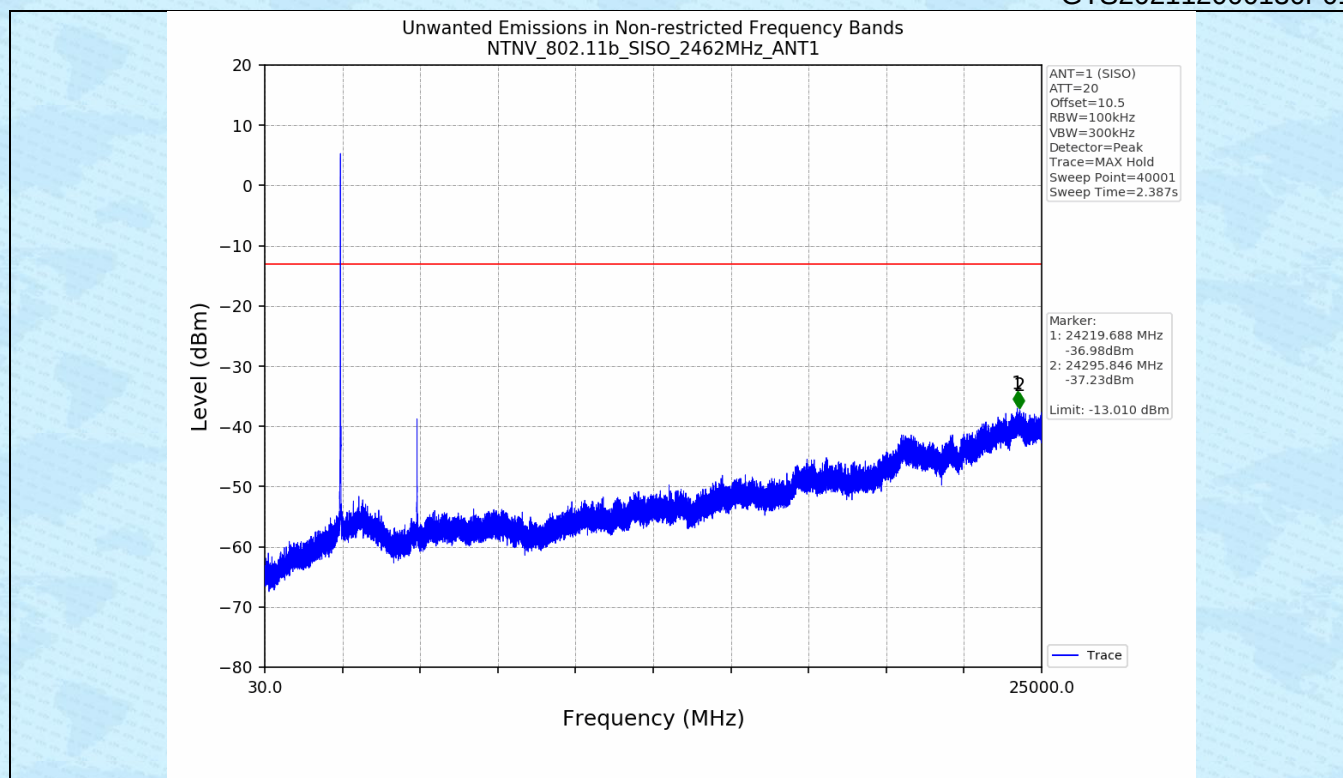
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	1	Refer to test graph	-13.01	PASS
	2437	SISO	1	Refer to test graph	-13.01	PASS
	2462	SISO	1	Refer to test graph	-13.01	PASS
802.11g	2412	SISO	1	Refer to test graph	-16.91	PASS
	2437	SISO	1	Refer to test graph	-16.91	PASS
	2462	SISO	1	Refer to test graph	-16.91	PASS
802.11n(HT20)	2412	SISO	1	Refer to test graph	-18.02	PASS
	2437	SISO	1	Refer to test graph	-18.02	PASS
	2462	SISO	1	Refer to test graph	-18.02	PASS

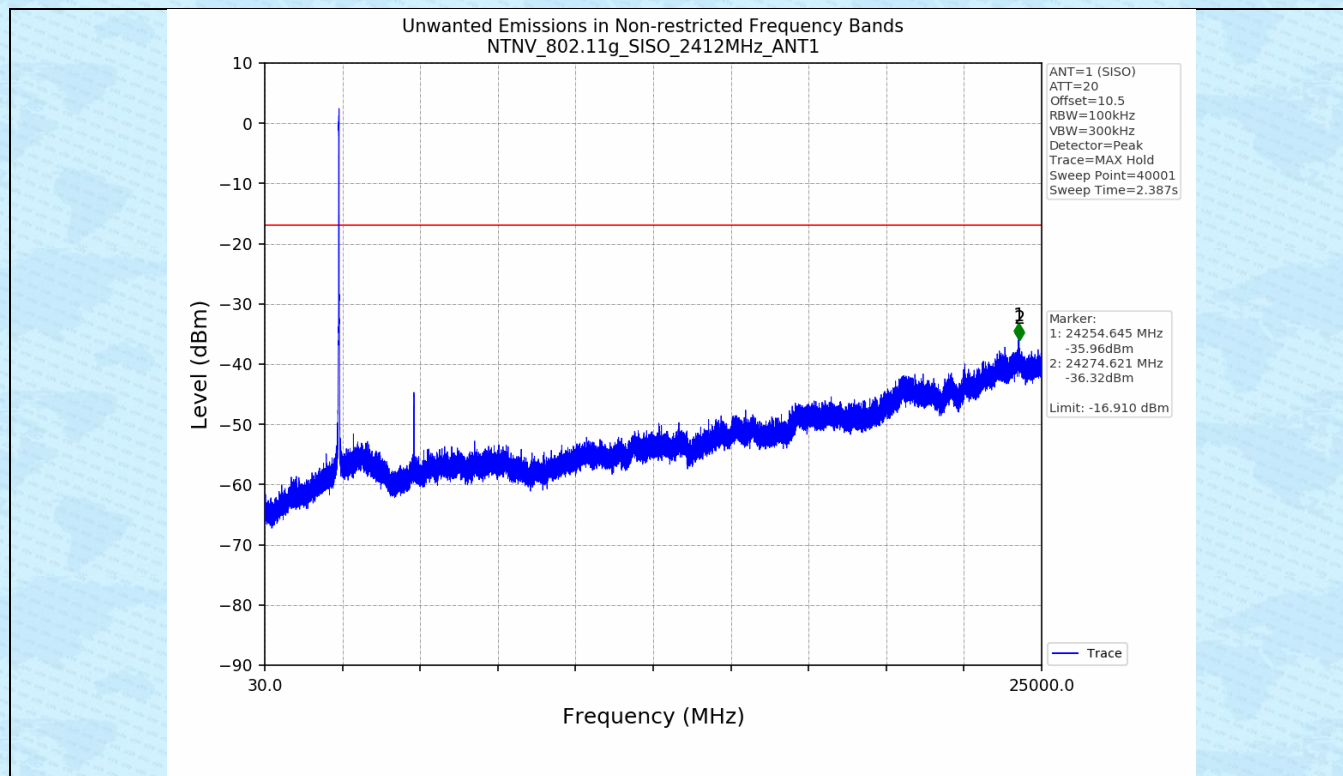
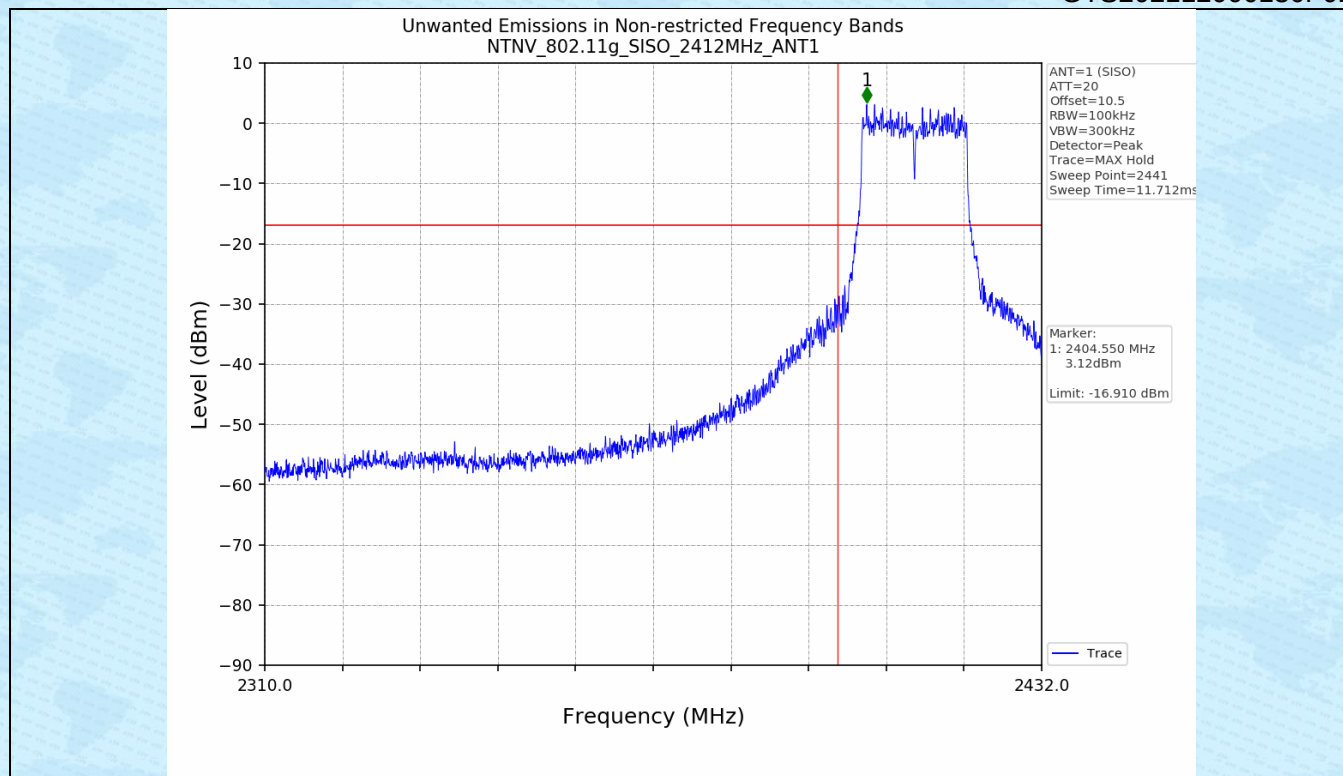
5.2 Test Graph

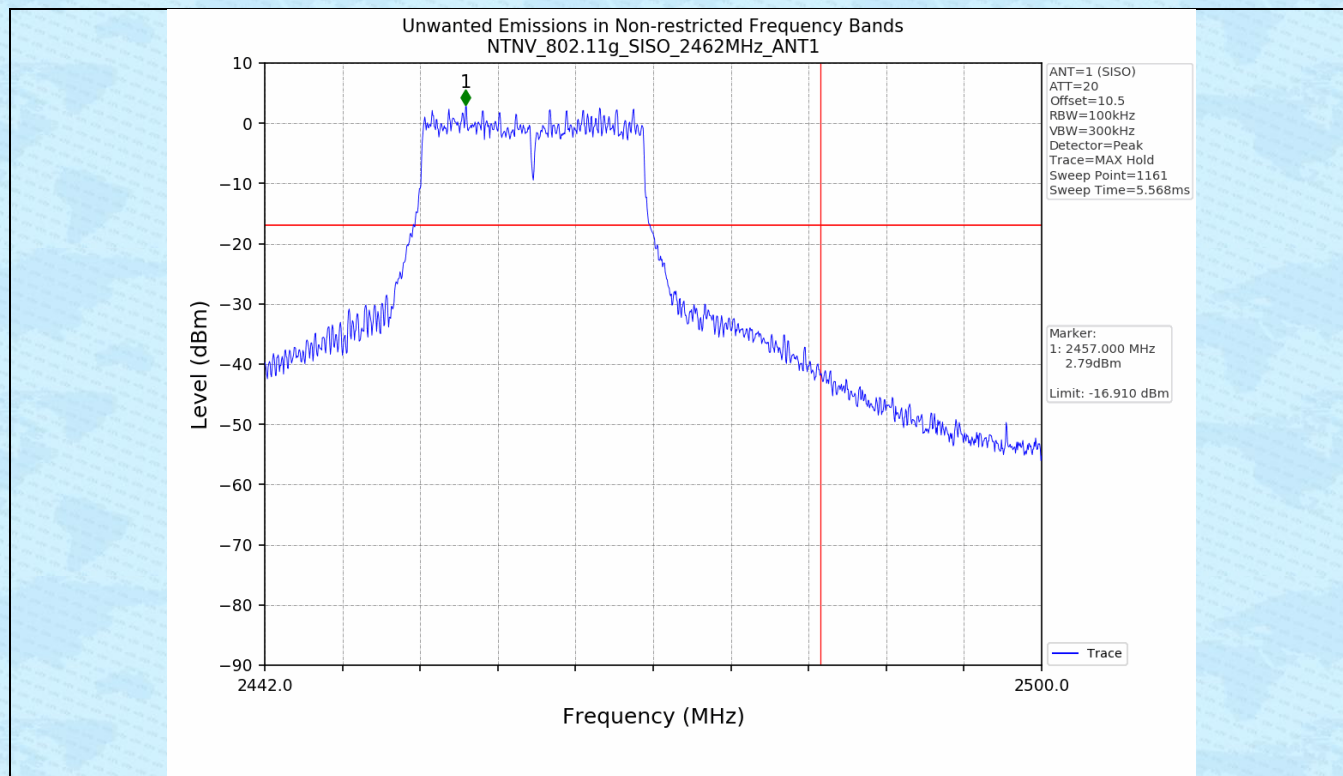
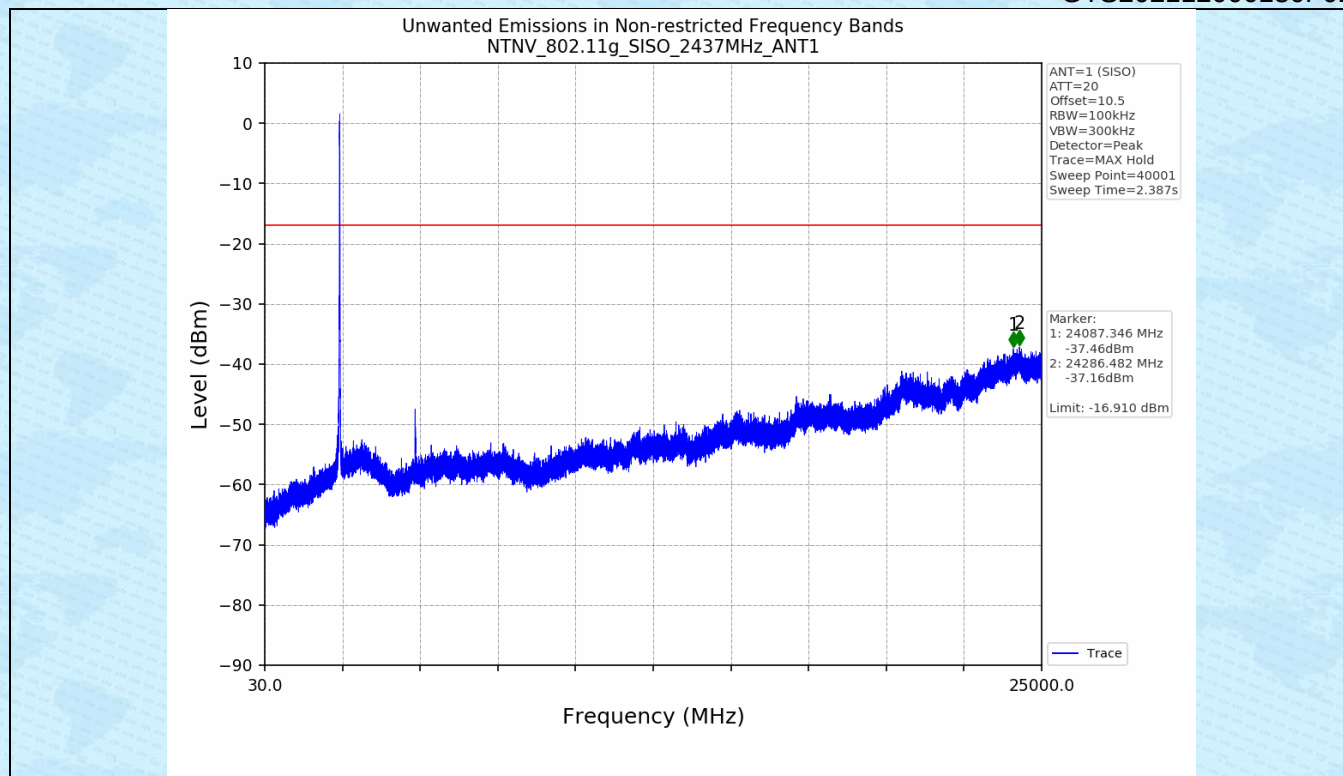


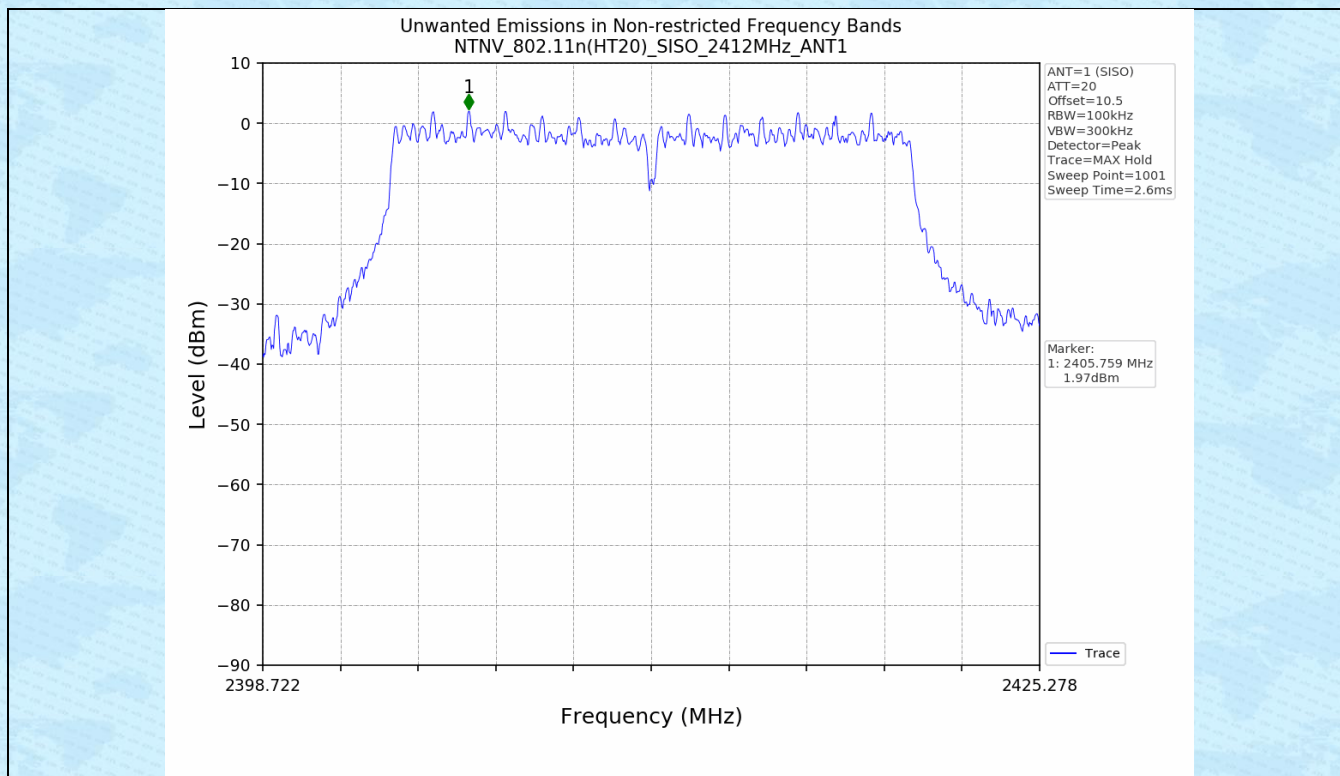
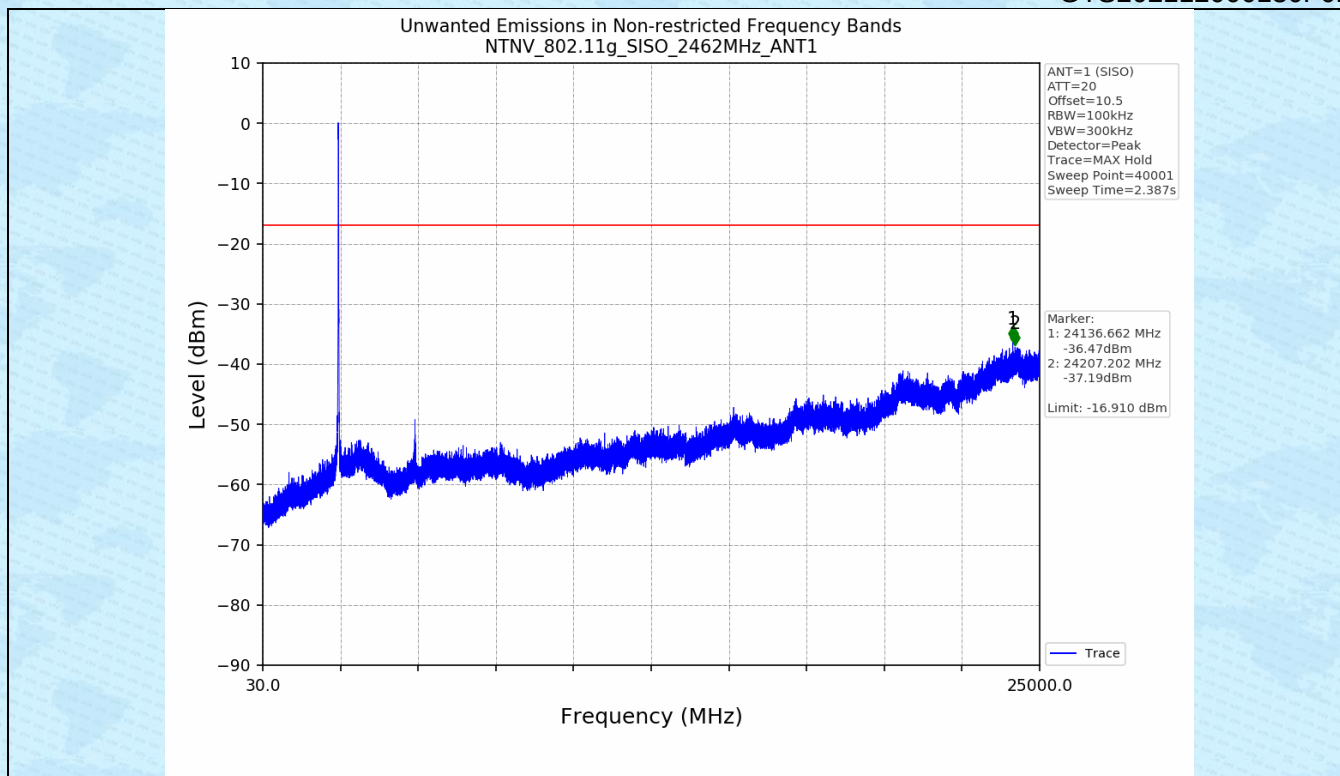


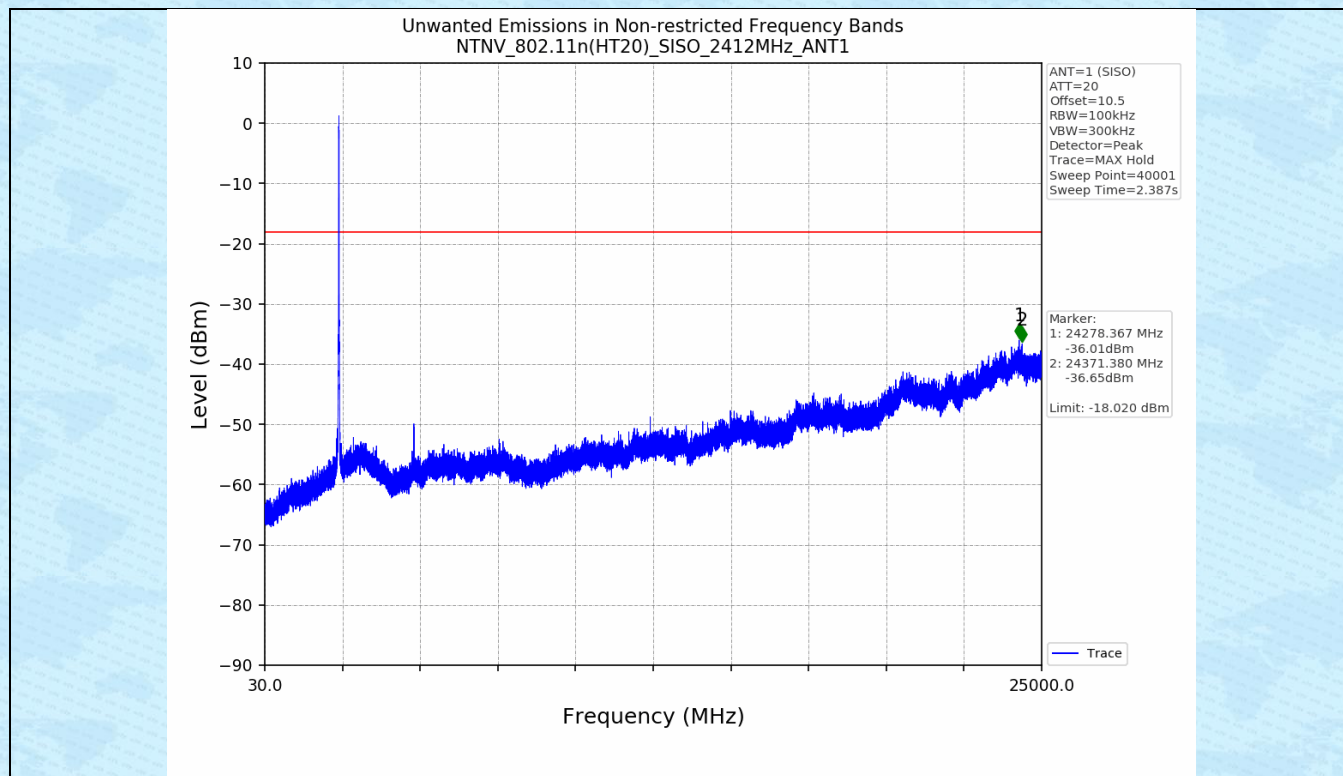
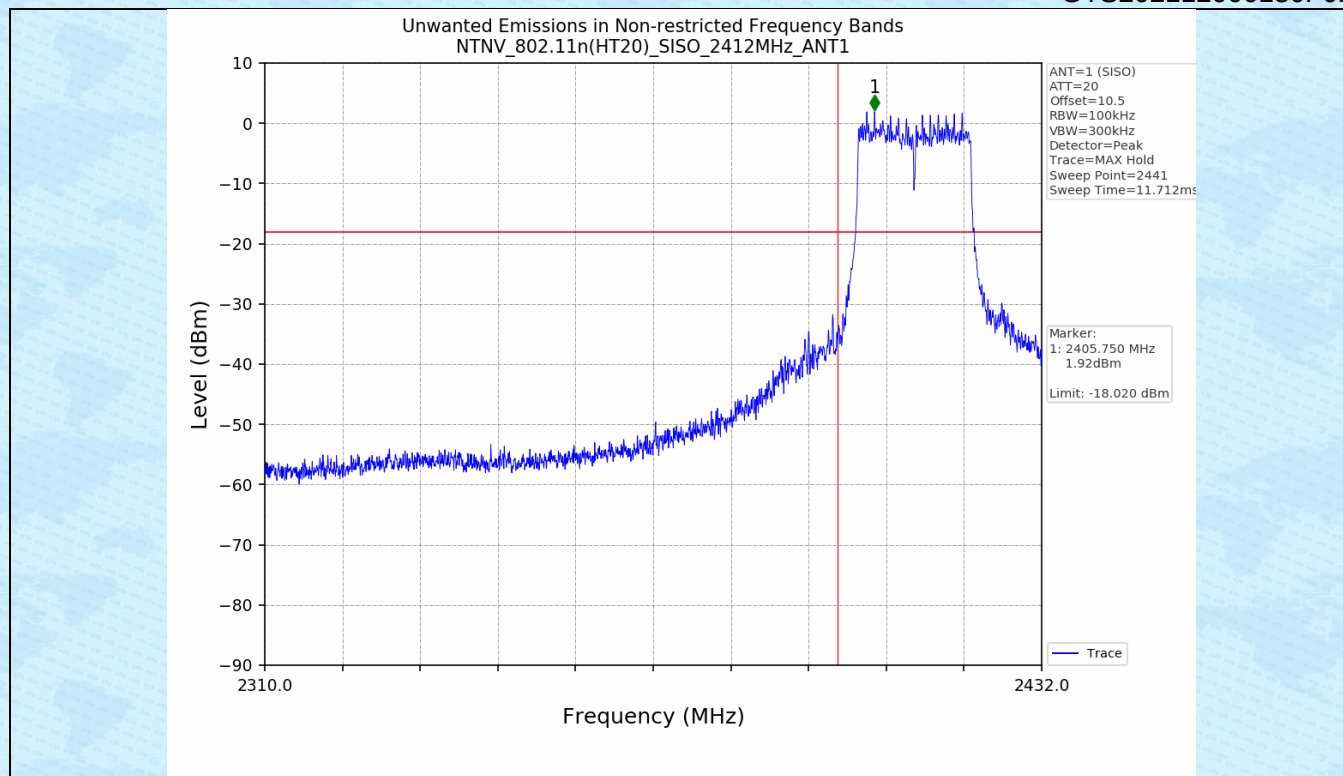


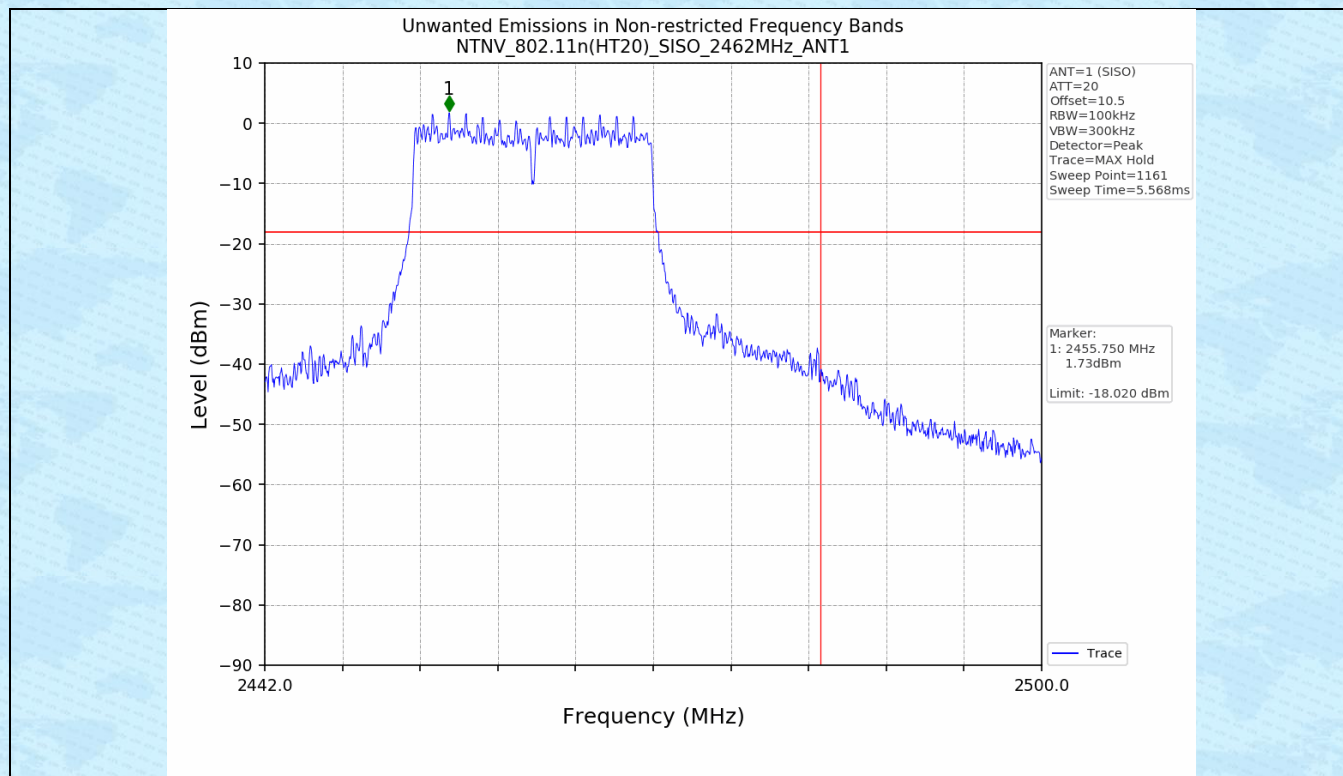
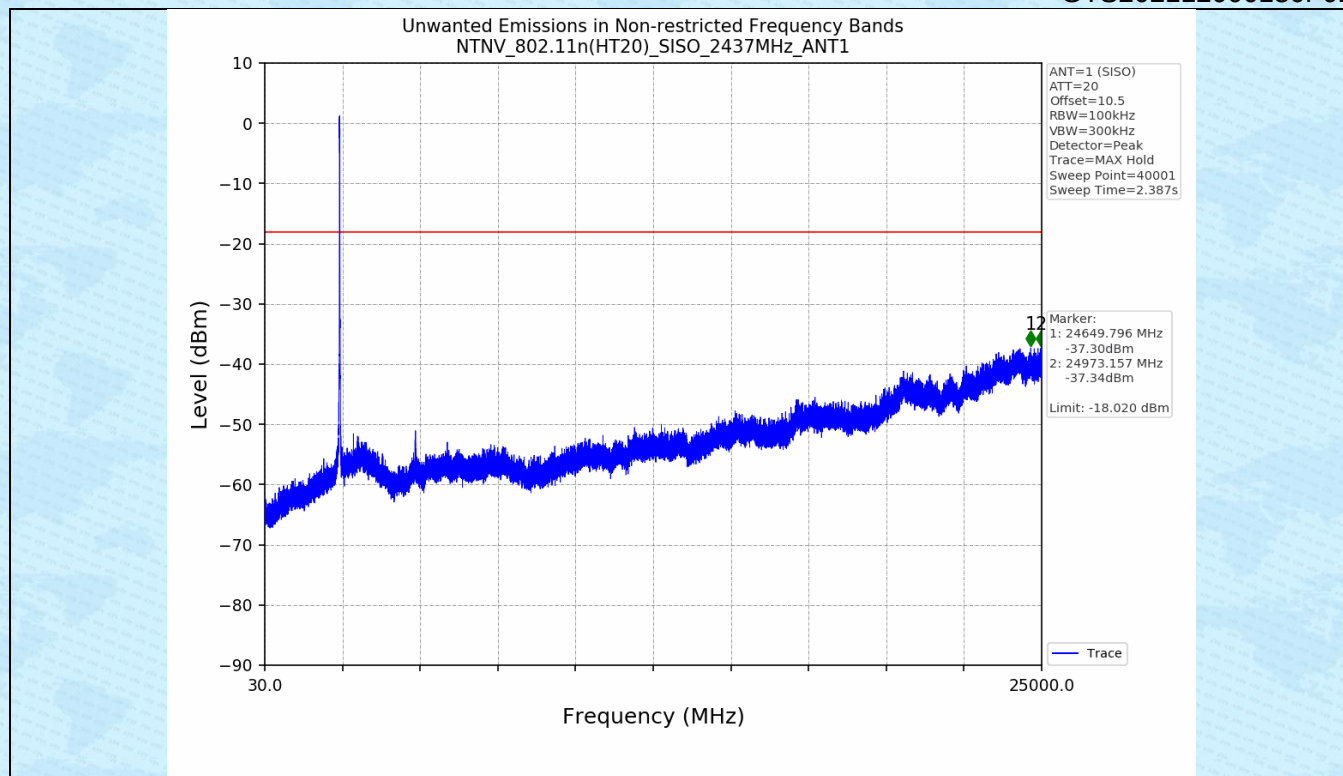


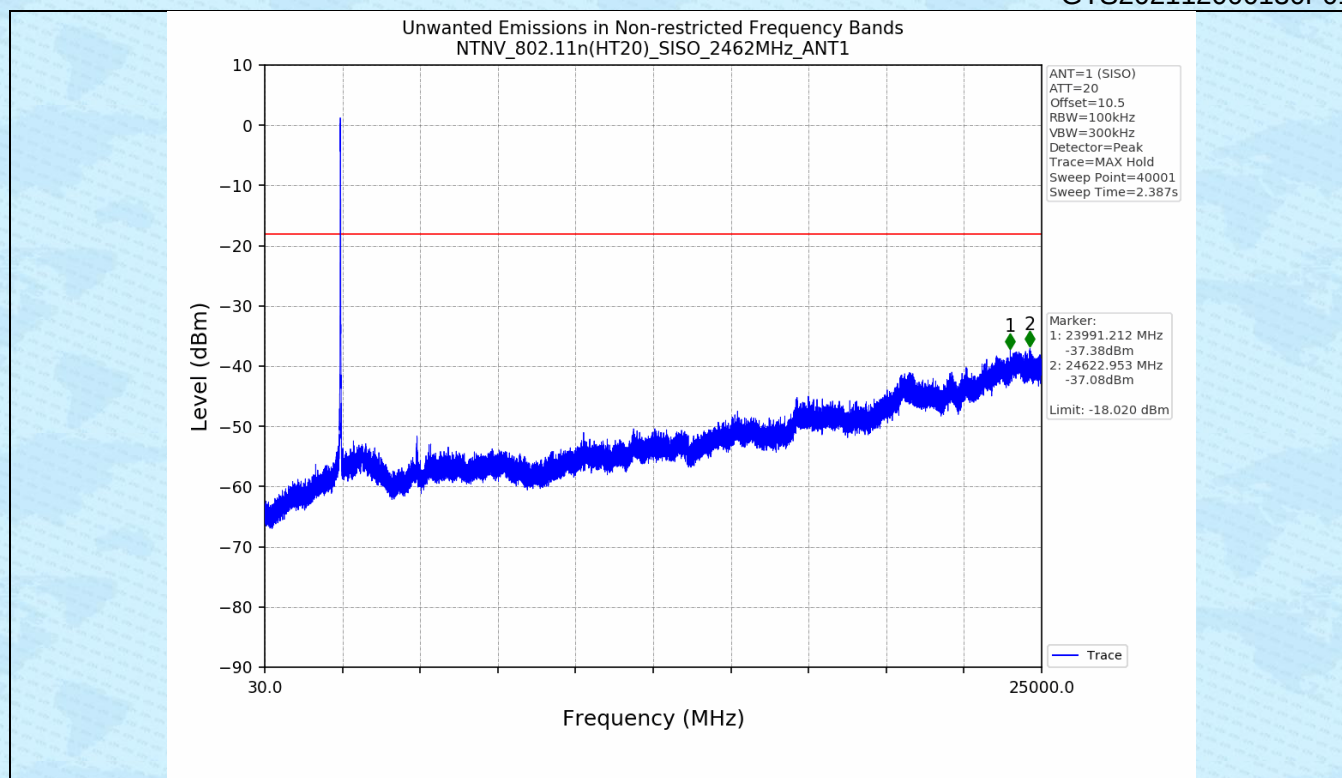












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