

Appendix for 15.247

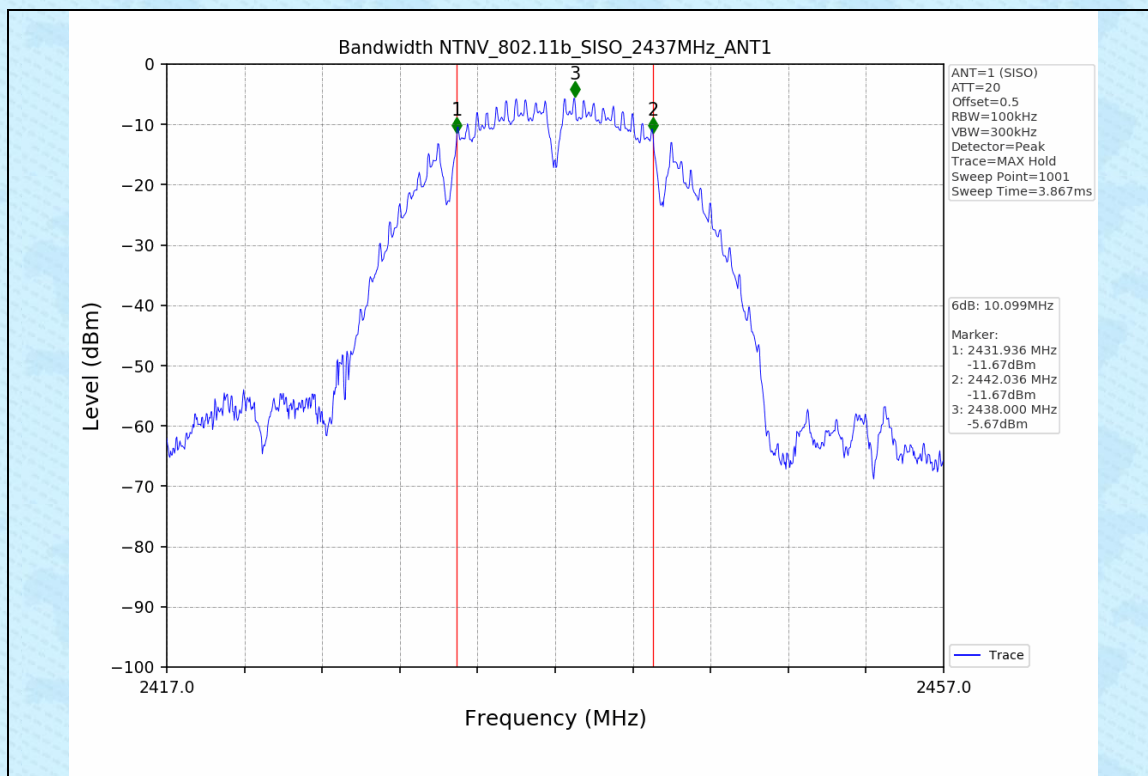
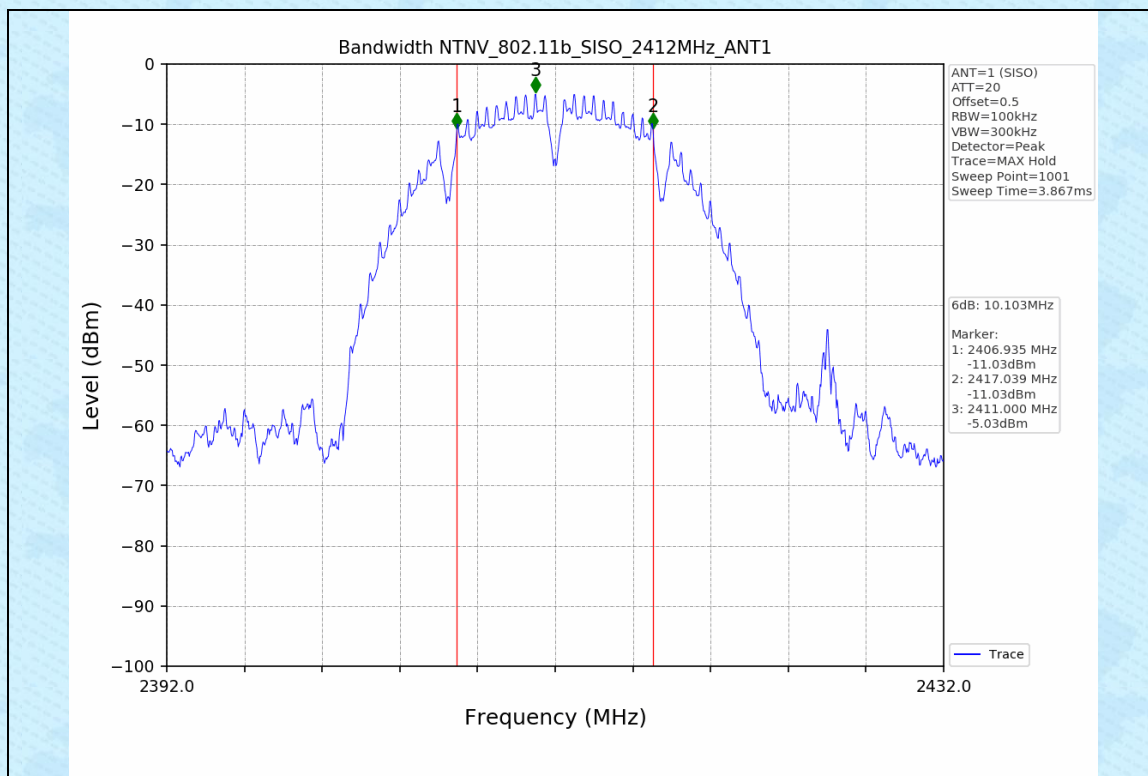
1. Bandwidth

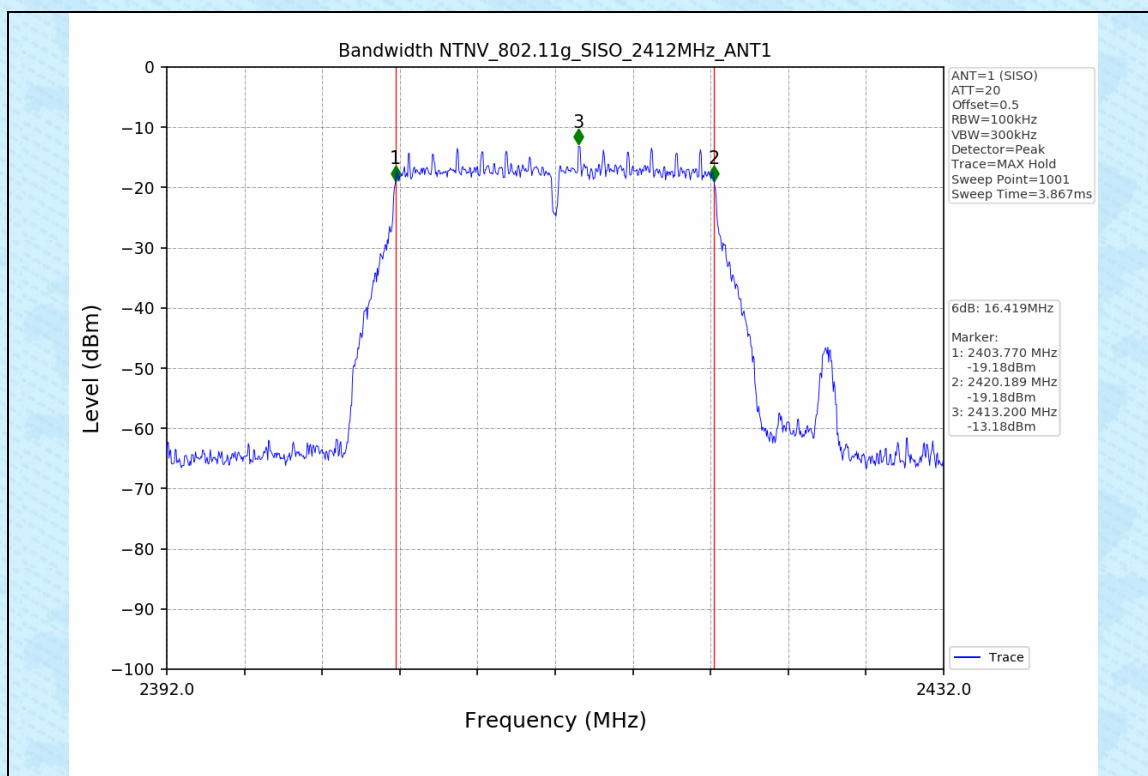
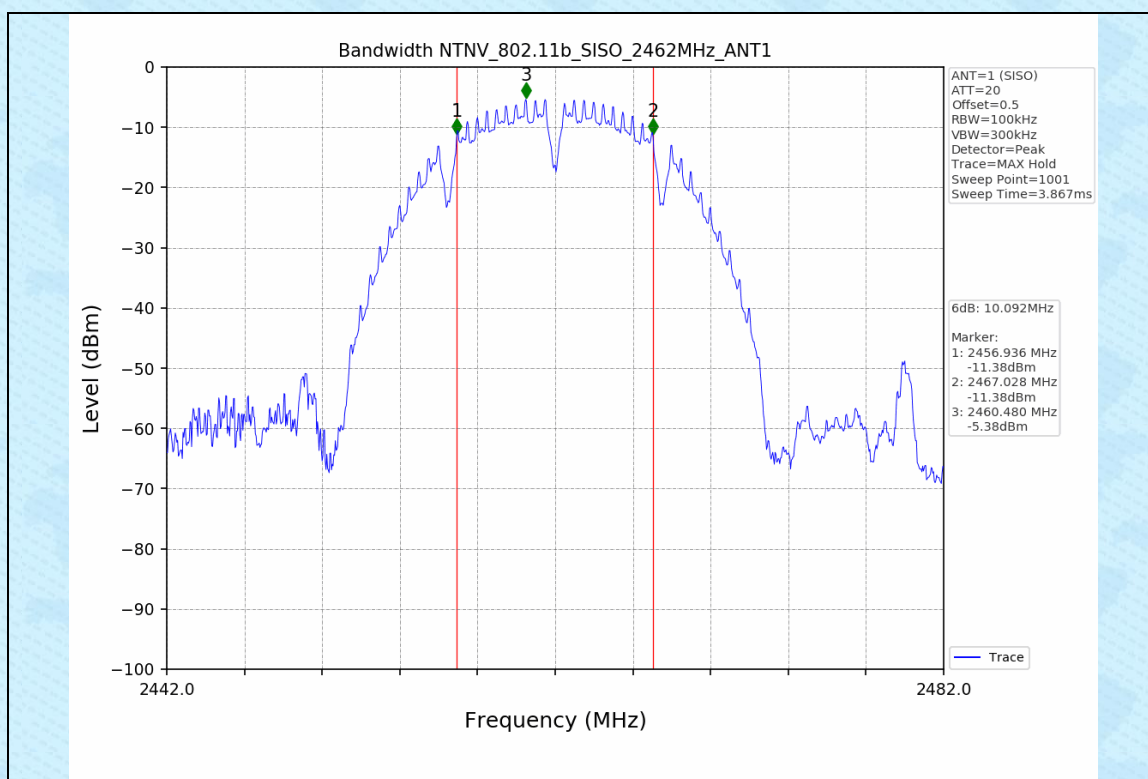
1.1 Test Result

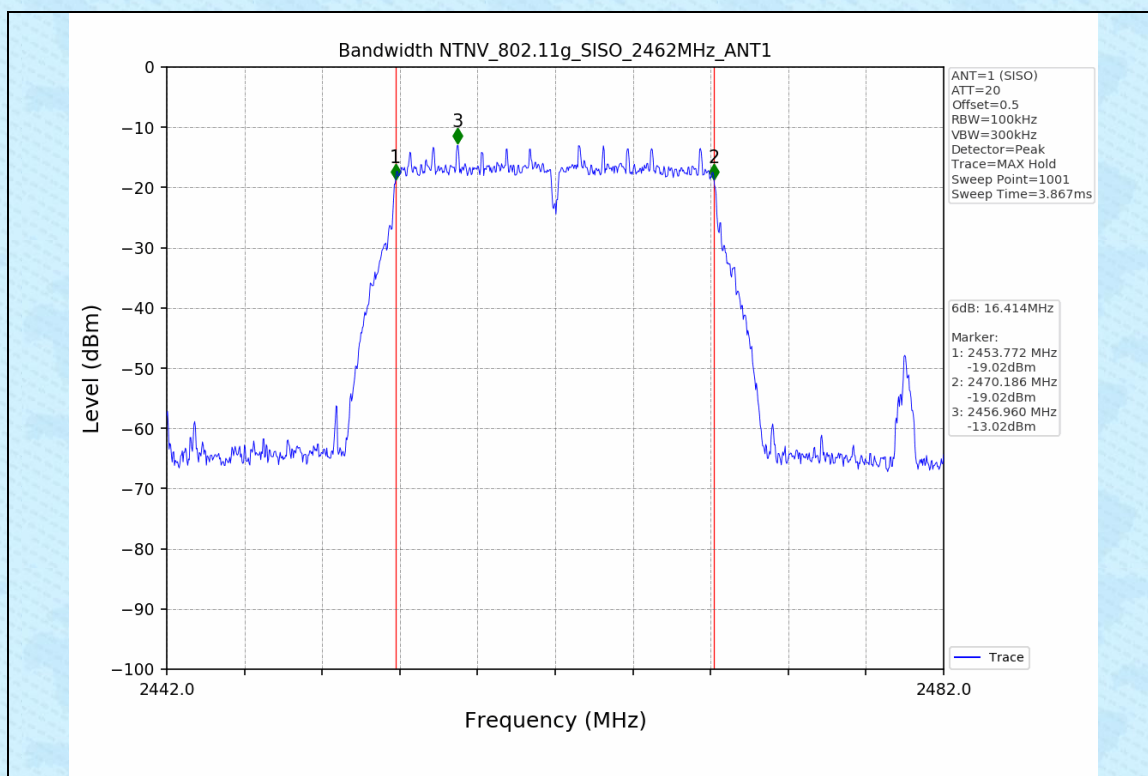
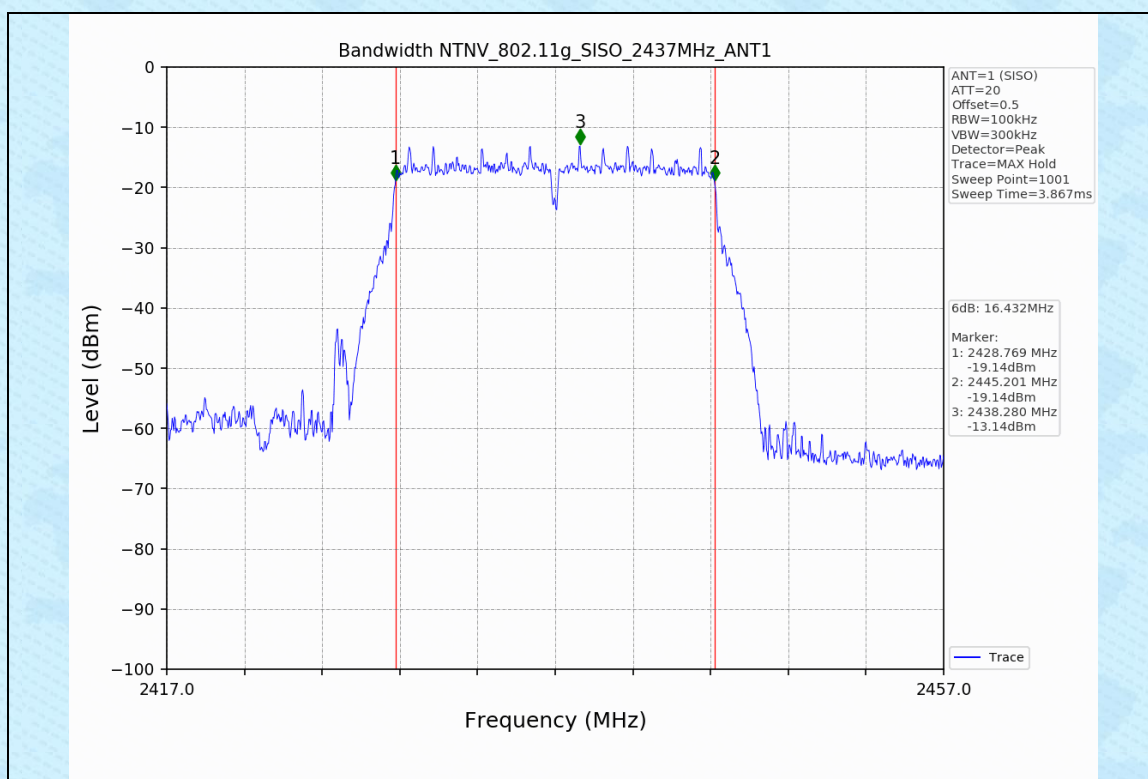
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11b	2412	SISO	ANT1	10.103	≥0.5	PASS
	2437	SISO	ANT1	10.099	≥0.5	PASS
	2462	SISO	ANT1	10.092	≥0.5	PASS
802.11g	2412	SISO	ANT1	16.419	≥0.5	PASS
	2437	SISO	ANT1	16.432	≥0.5	PASS
	2462	SISO	ANT1	16.414	≥0.5	PASS
802.11n(HT20)	2412	SISO	ANT1	17.620	≥0.5	PASS
	2437	SISO	ANT1	17.659	≥0.5	PASS
	2462	SISO	ANT1	17.638	≥0.5	PASS
802.11n(HT40)	2422	SISO	ANT1	36.059	≥0.5	PASS
	2437	SISO	ANT1	35.821	≥0.5	PASS
	2452	SISO	ANT1	36.033	≥0.5	PASS

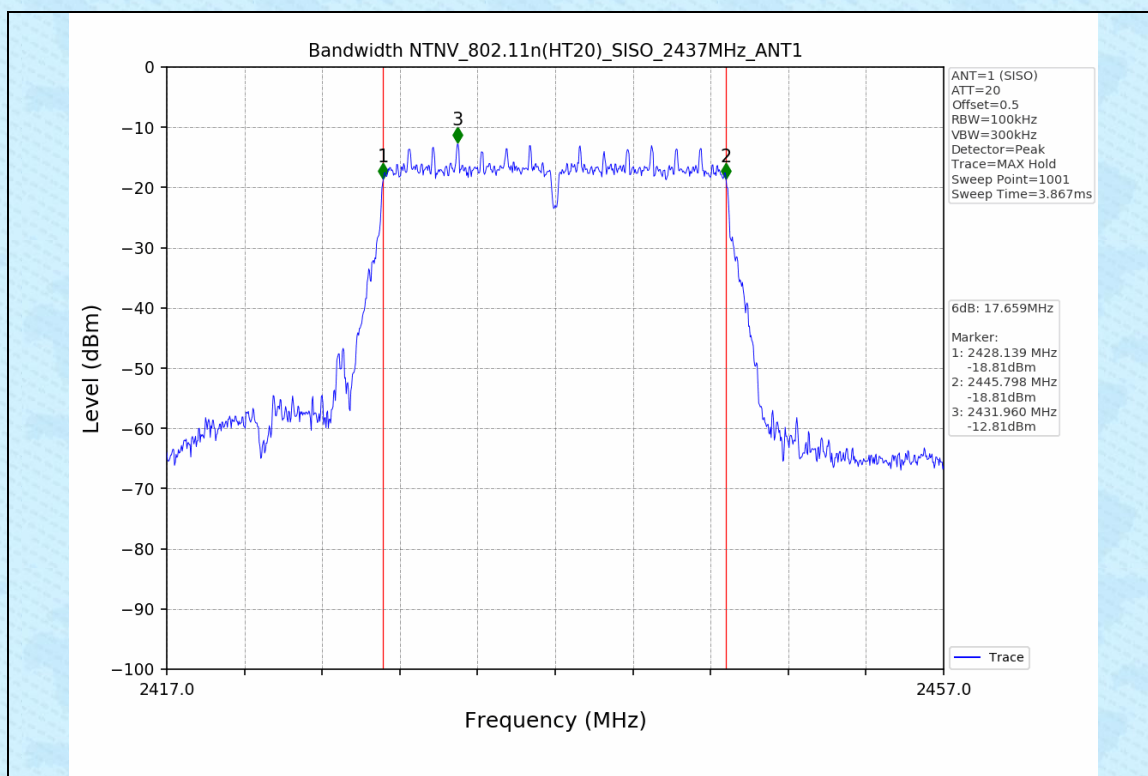
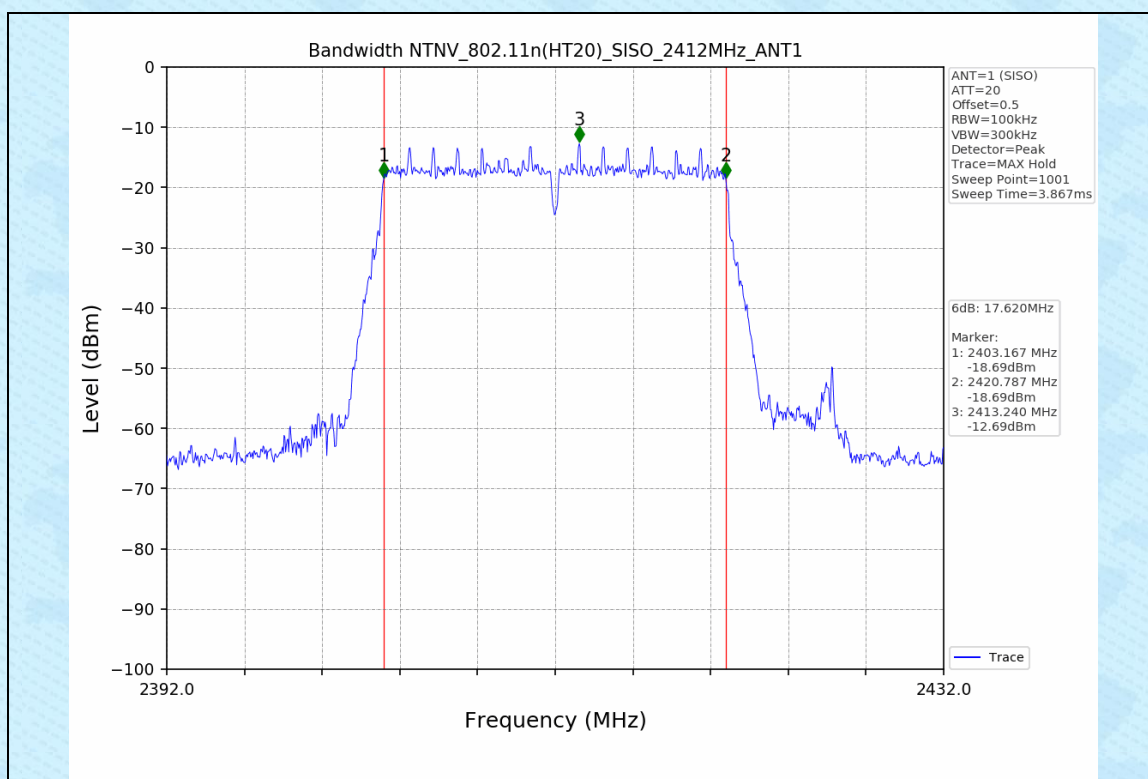
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	ANT1	14.249	Only for Report Use
	2437	SISO	ANT1	14.238	Only for Report Use
	2462	SISO	ANT1	14.235	Only for Report Use
802.11g	2412	SISO	ANT1	16.946	Only for Report Use
	2437	SISO	ANT1	16.936	Only for Report Use
	2462	SISO	ANT1	16.922	Only for Report Use
802.11n(HT20)	2412	SISO	ANT1	17.825	Only for Report Use
	2437	SISO	ANT1	17.851	Only for Report Use
	2462	SISO	ANT1	17.875	Only for Report Use
802.11n(HT40)	2422	SISO	ANT1	36.473	Only for Report Use
	2437	SISO	ANT1	36.510	Only for Report Use
	2452	SISO	ANT1	36.499	Only for Report Use

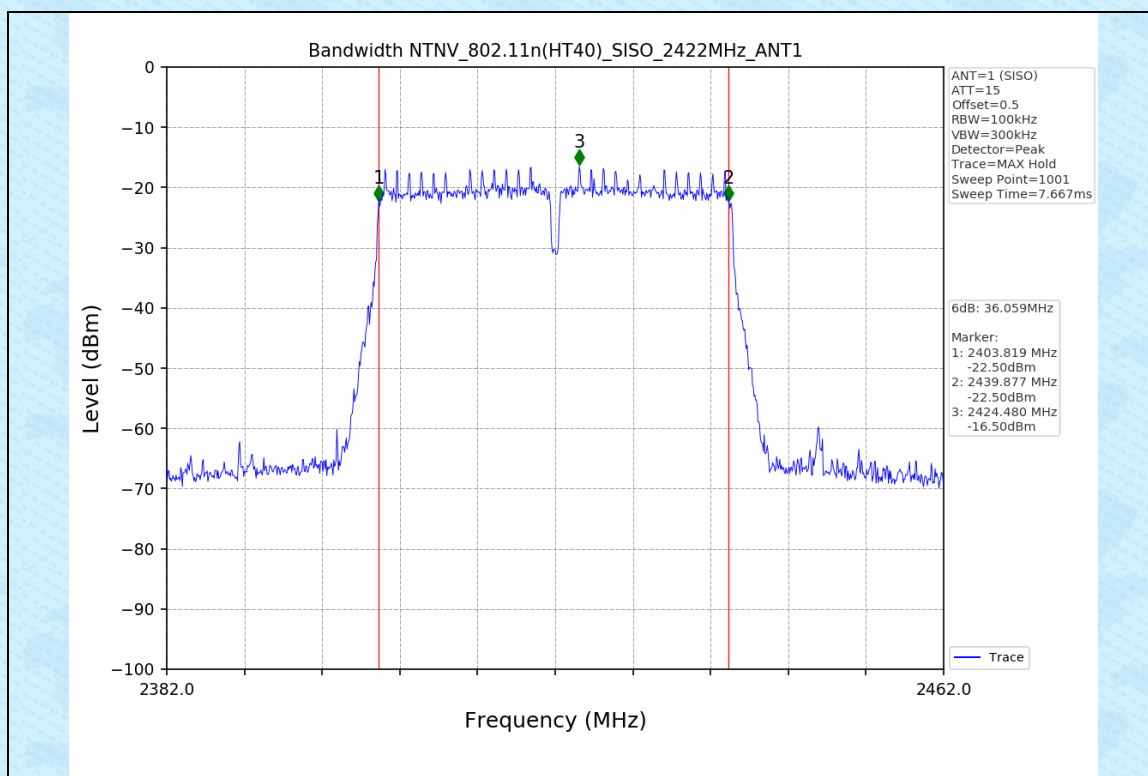
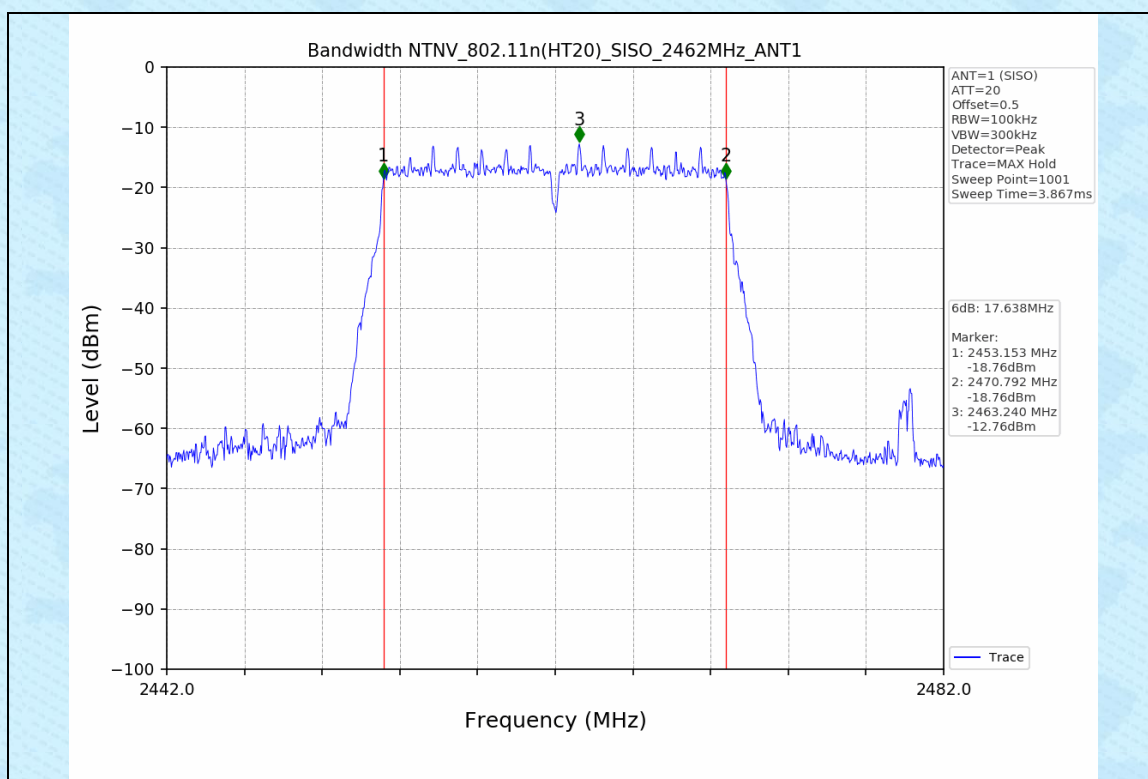
1.2 Test Graph - 6dB Bandwidth

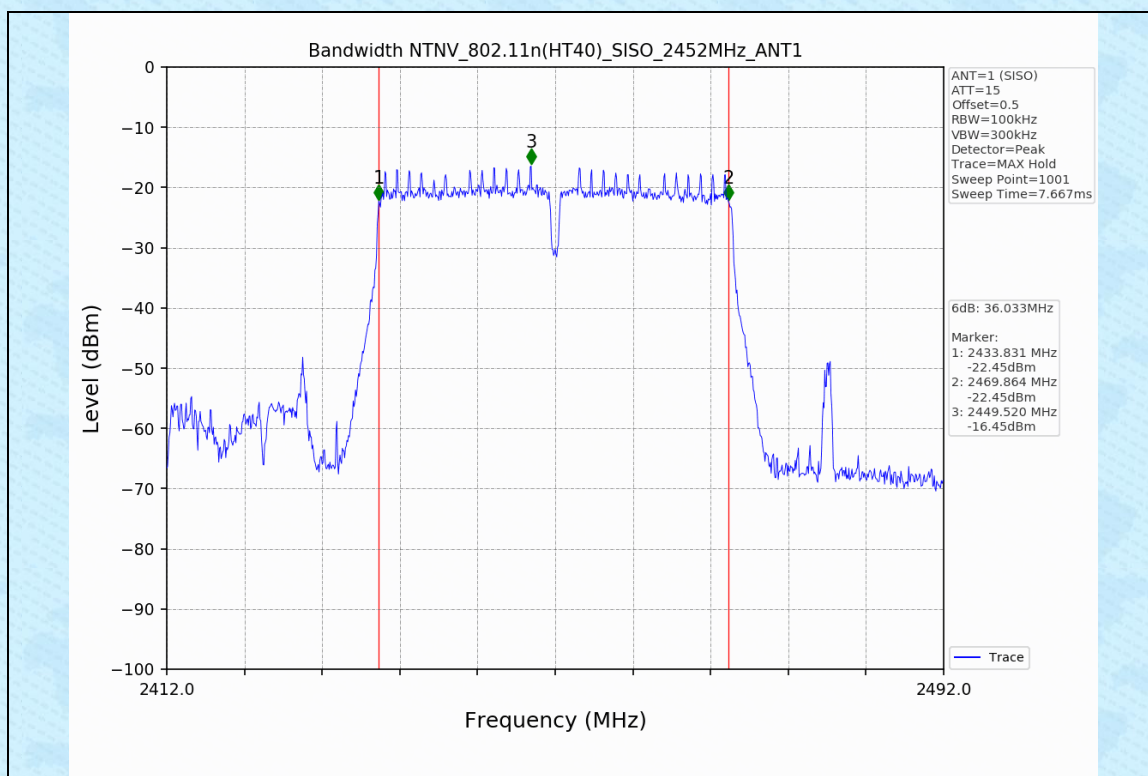
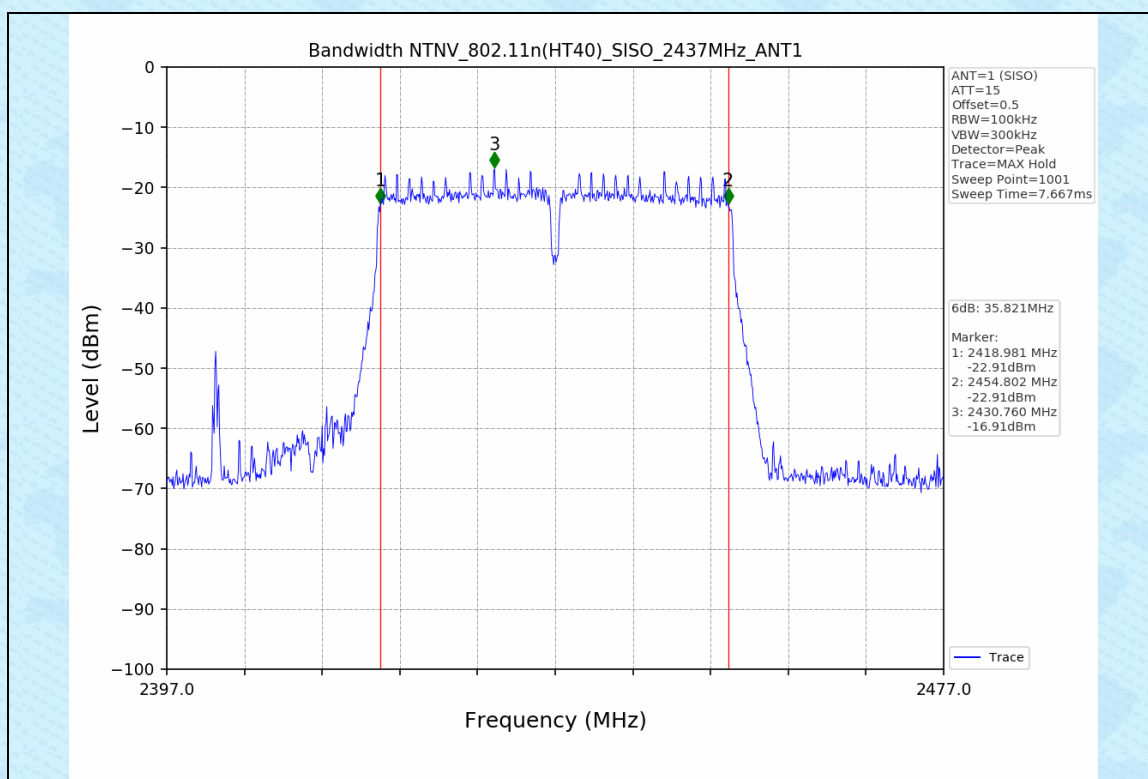




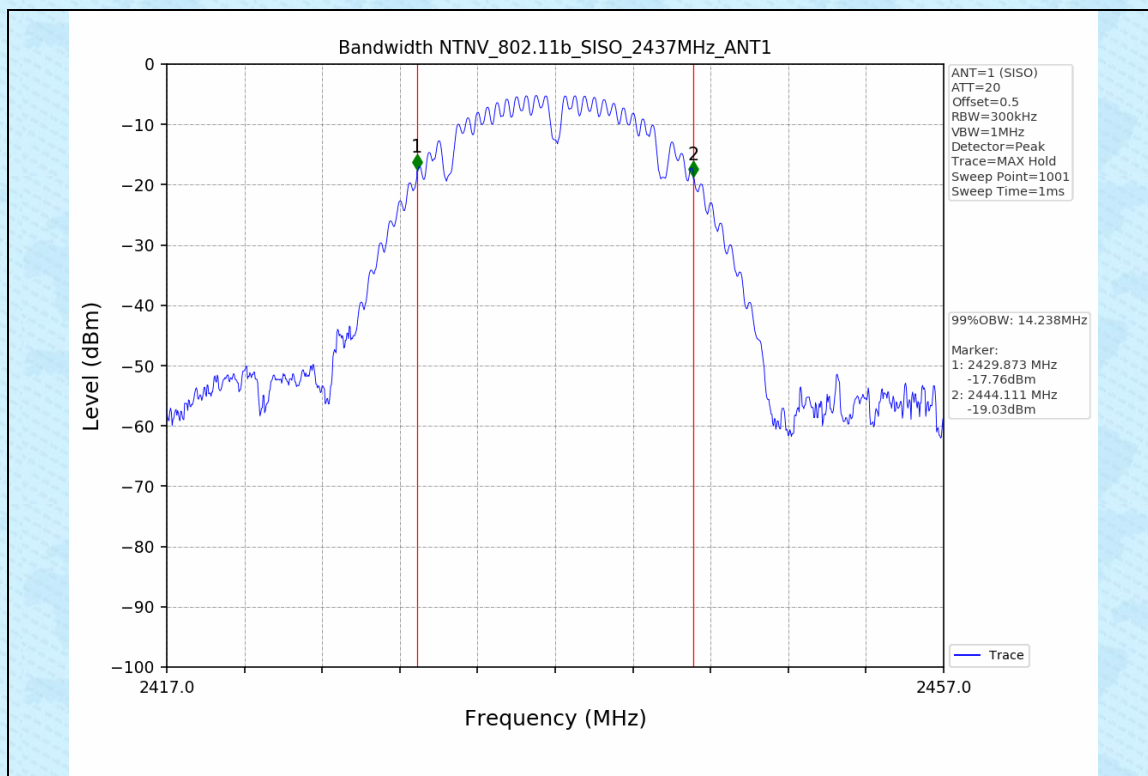
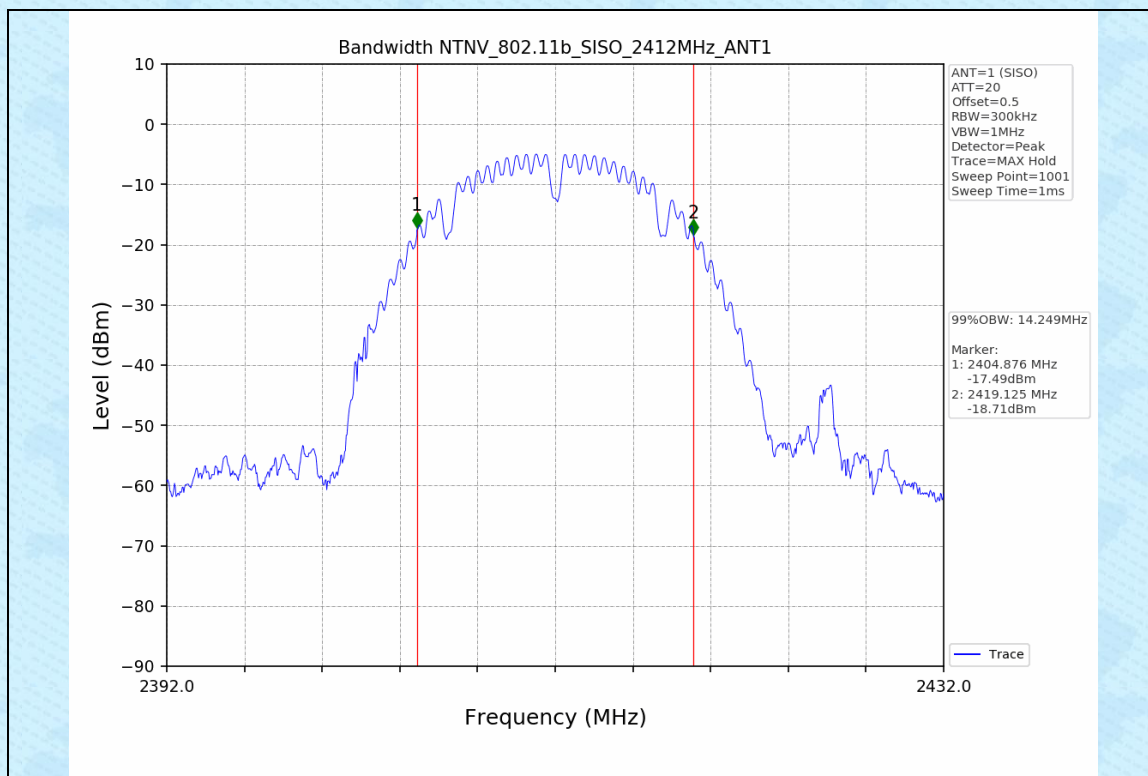


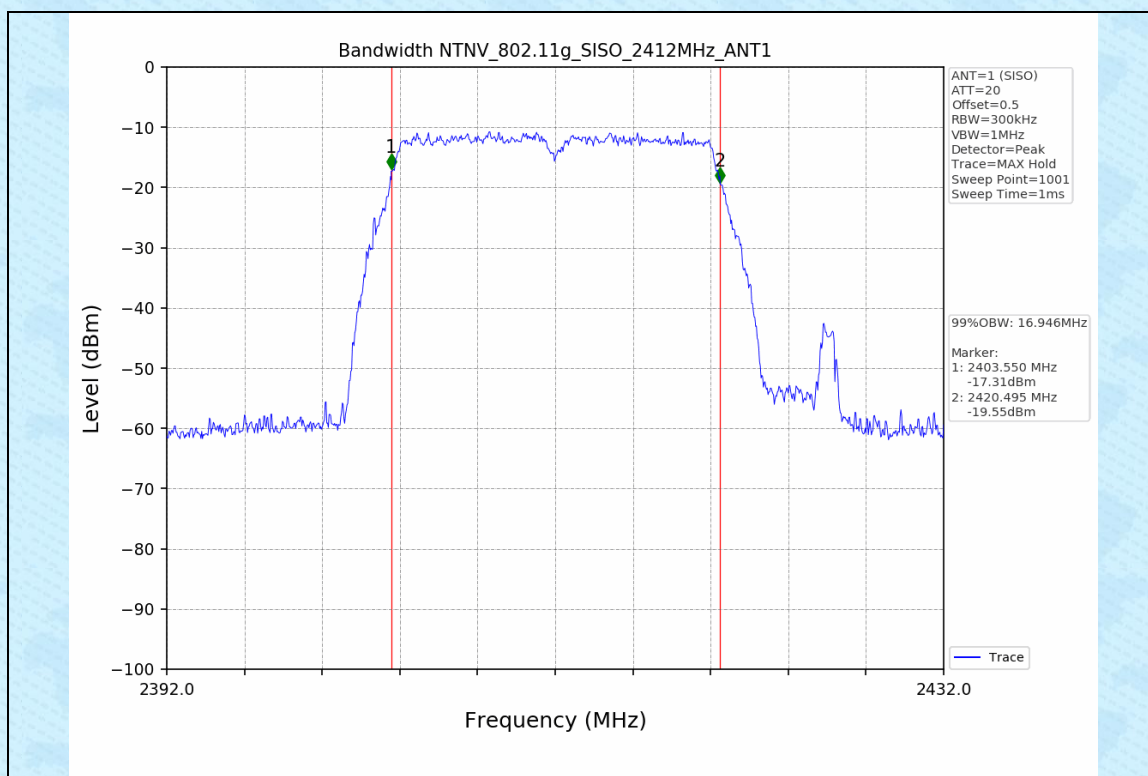
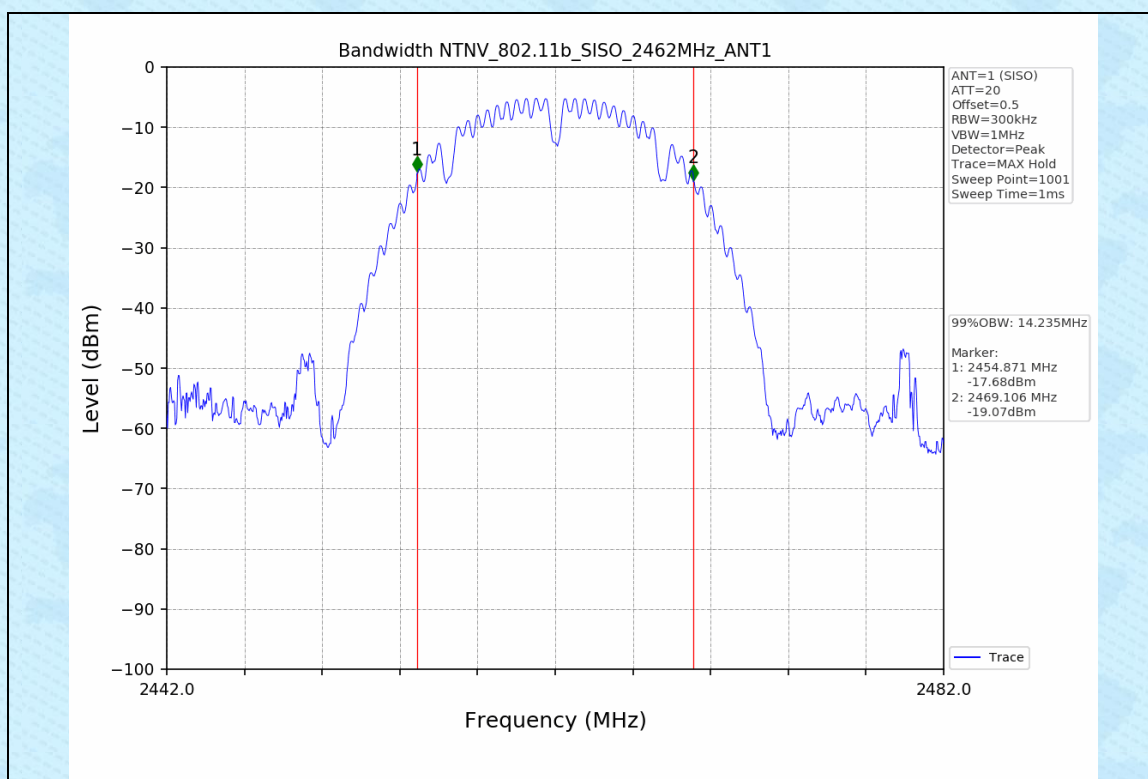


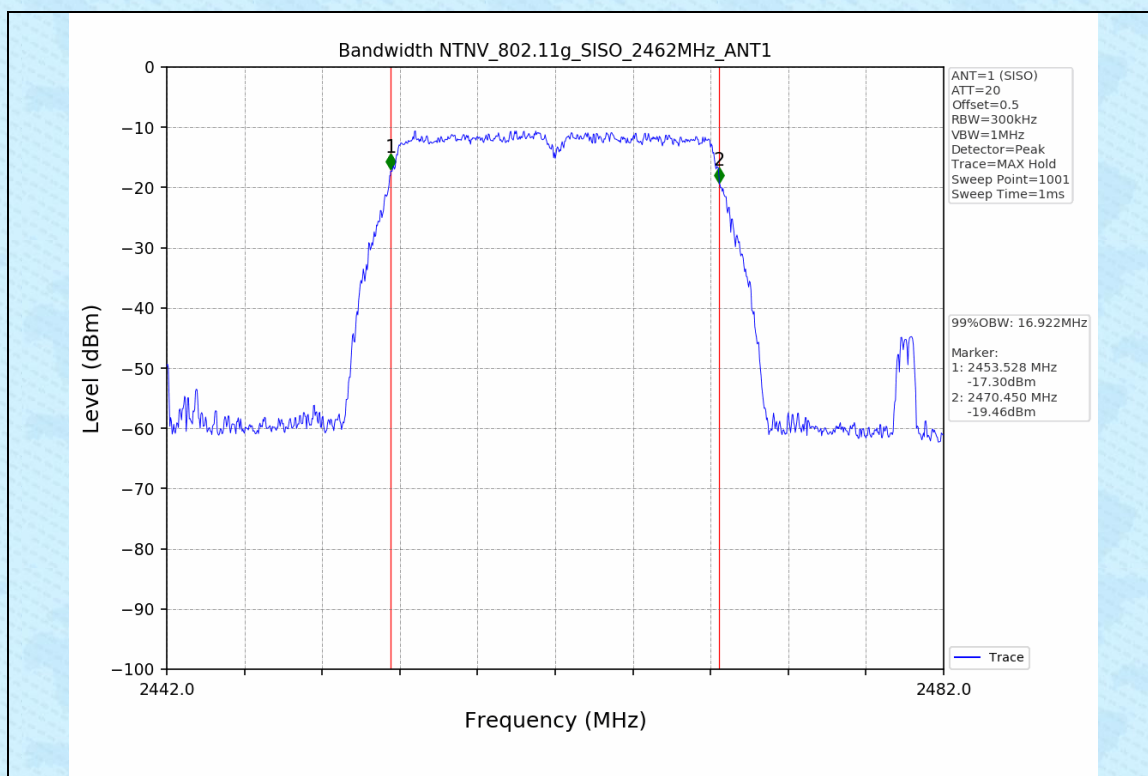
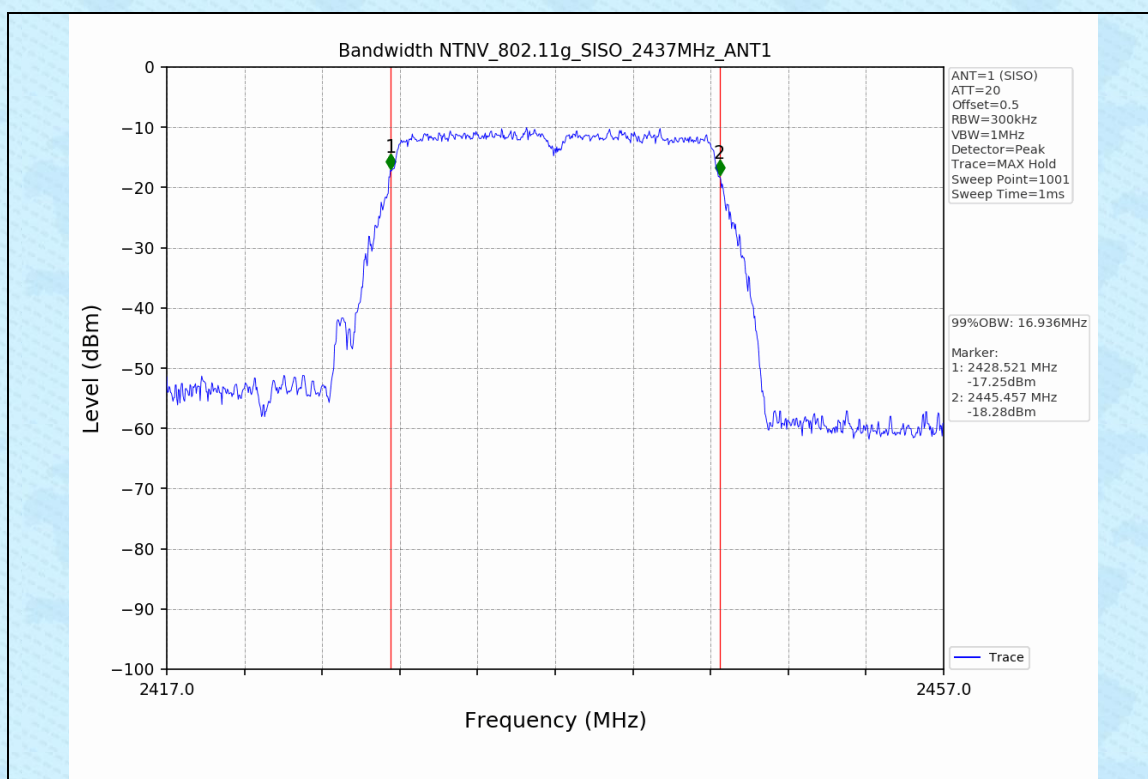


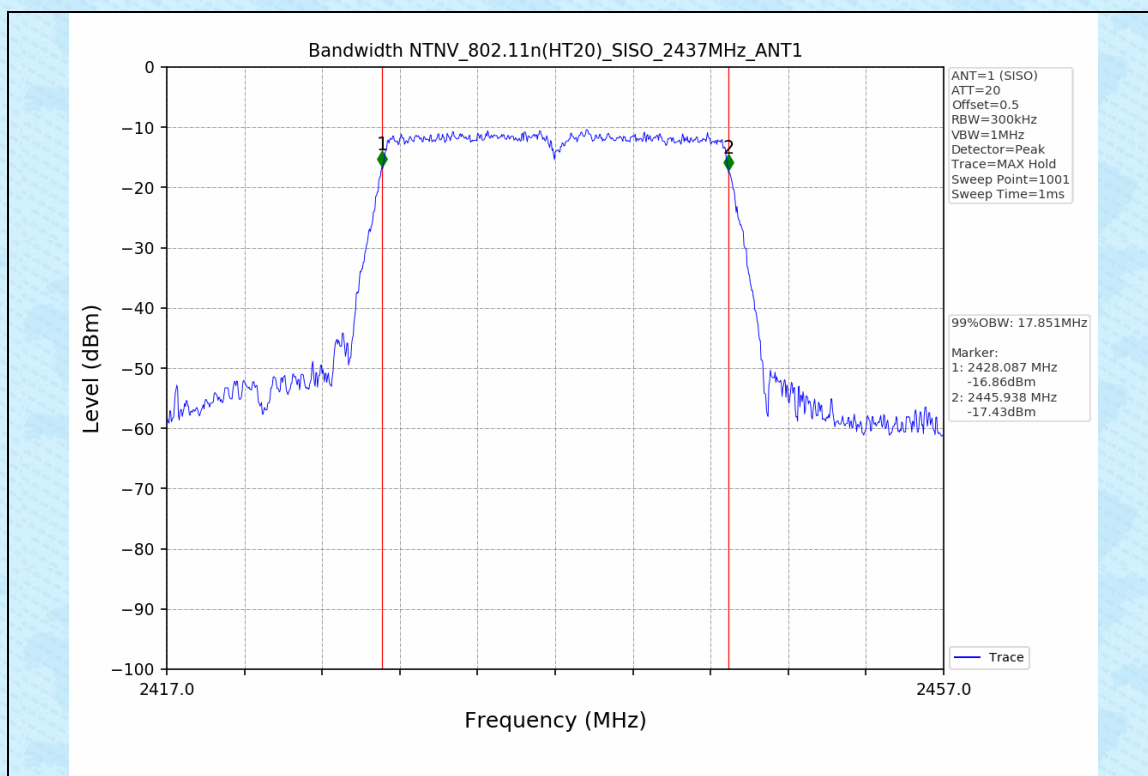
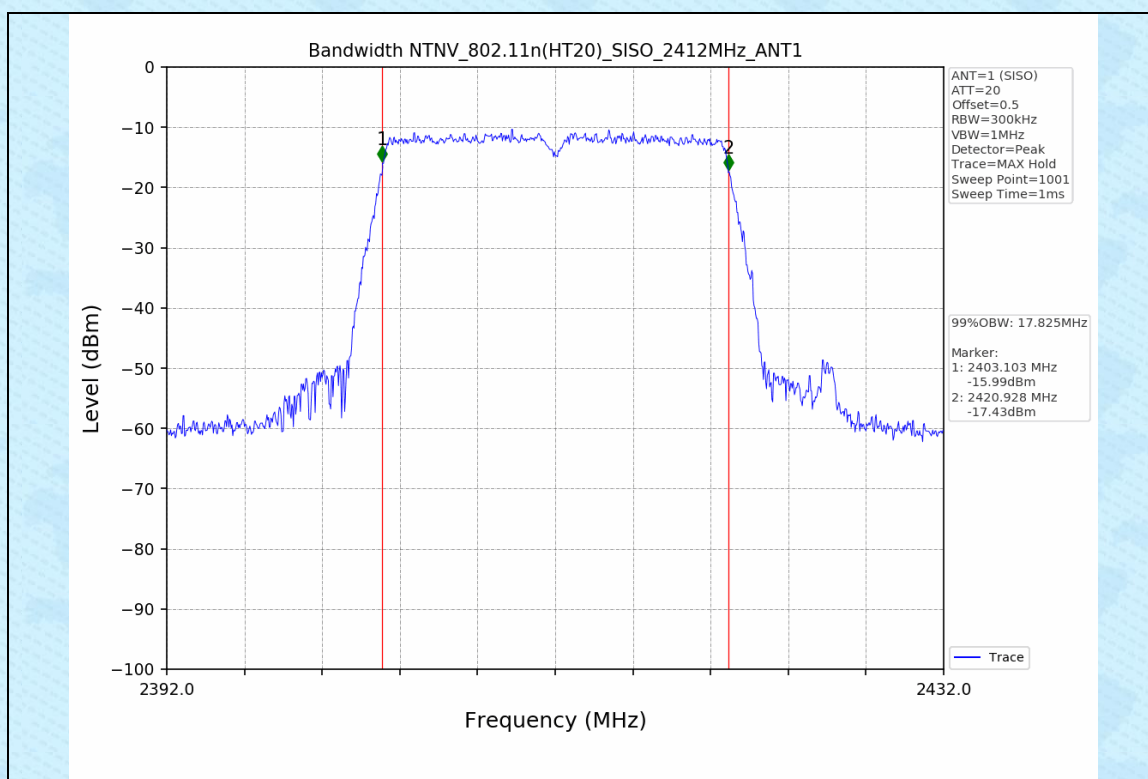


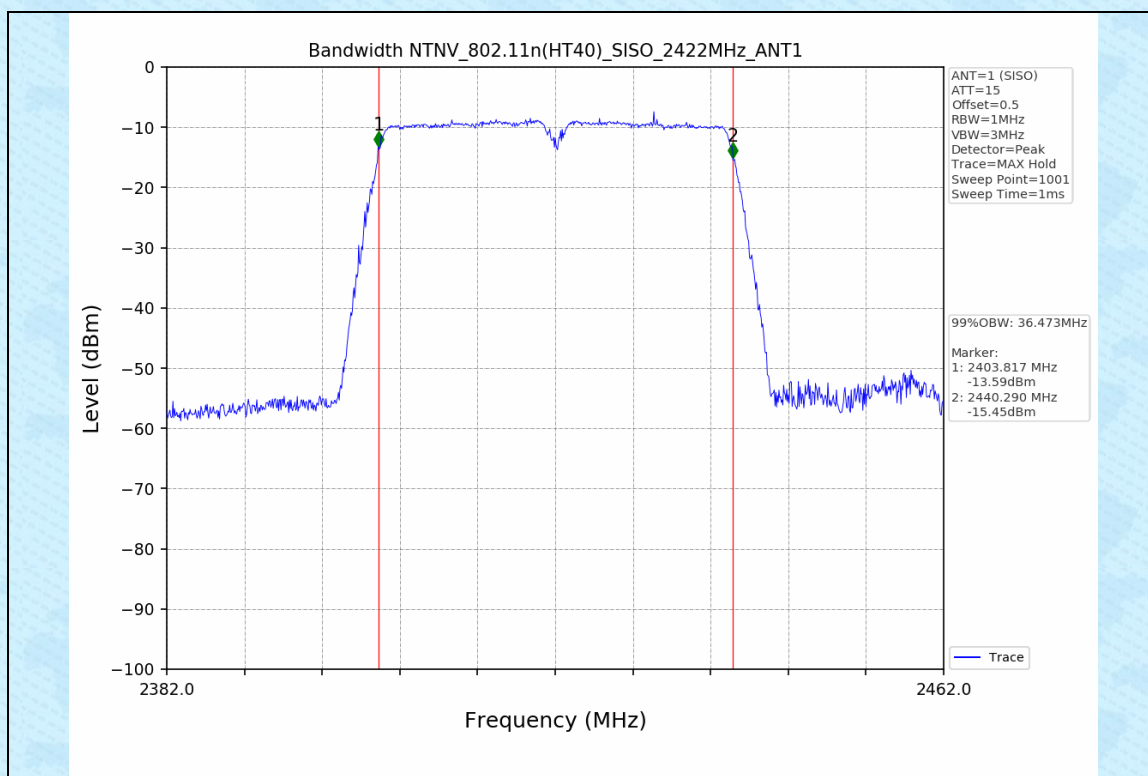
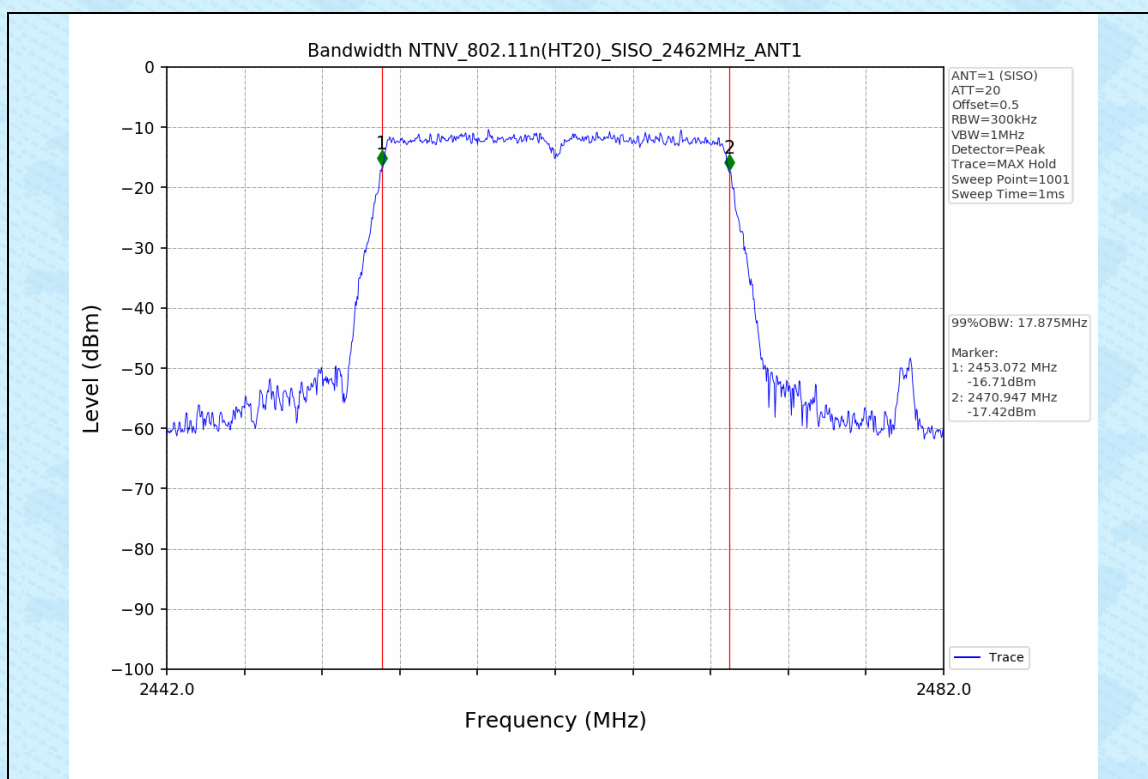
1.3 Test Graph - 99% Occupied Bandwidth

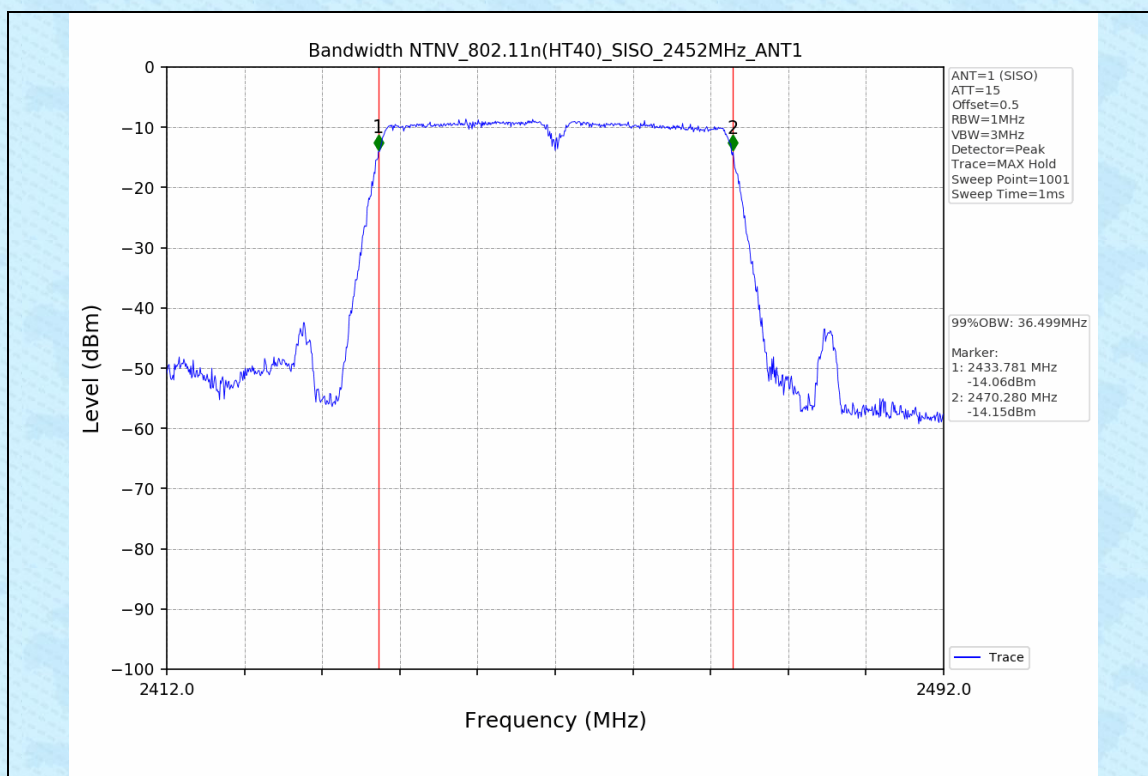
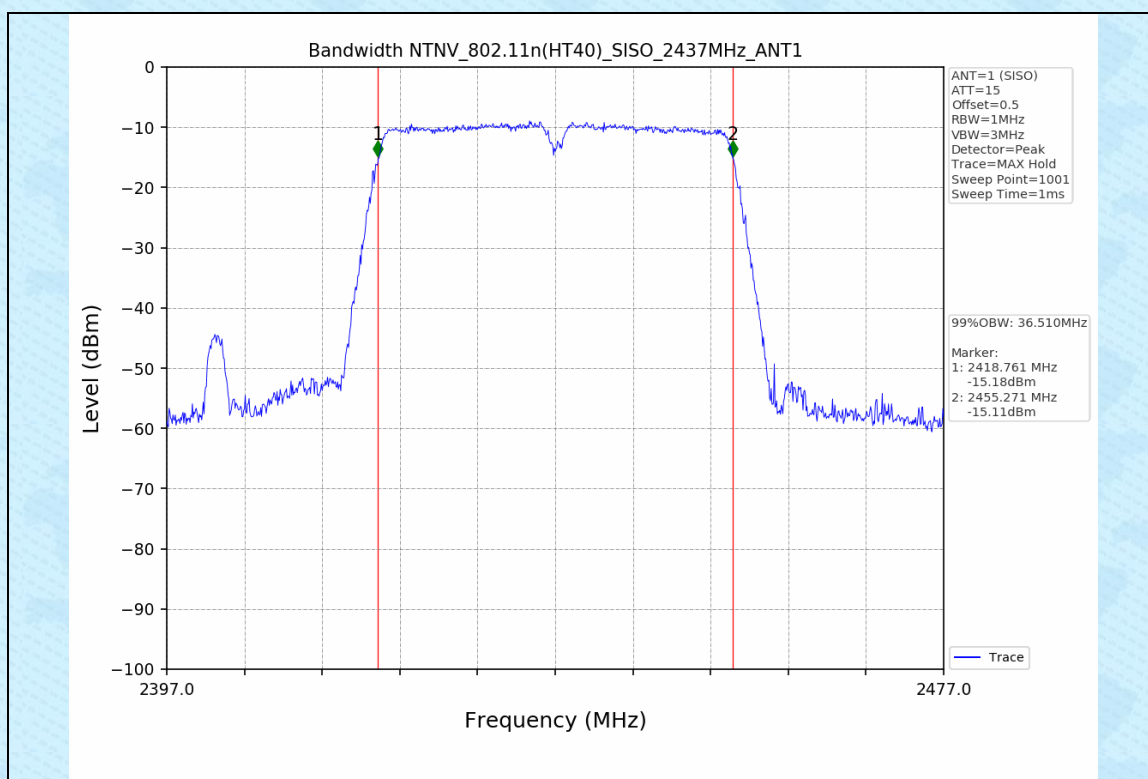










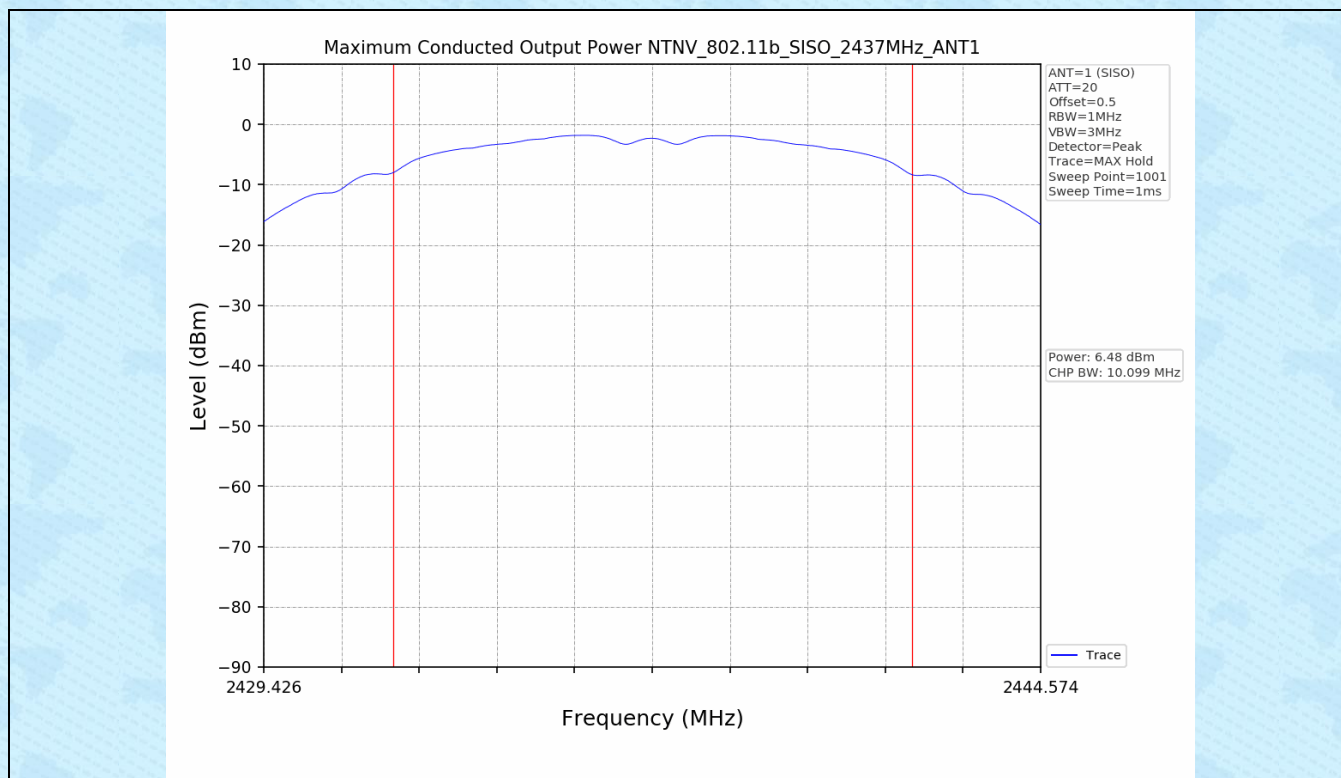
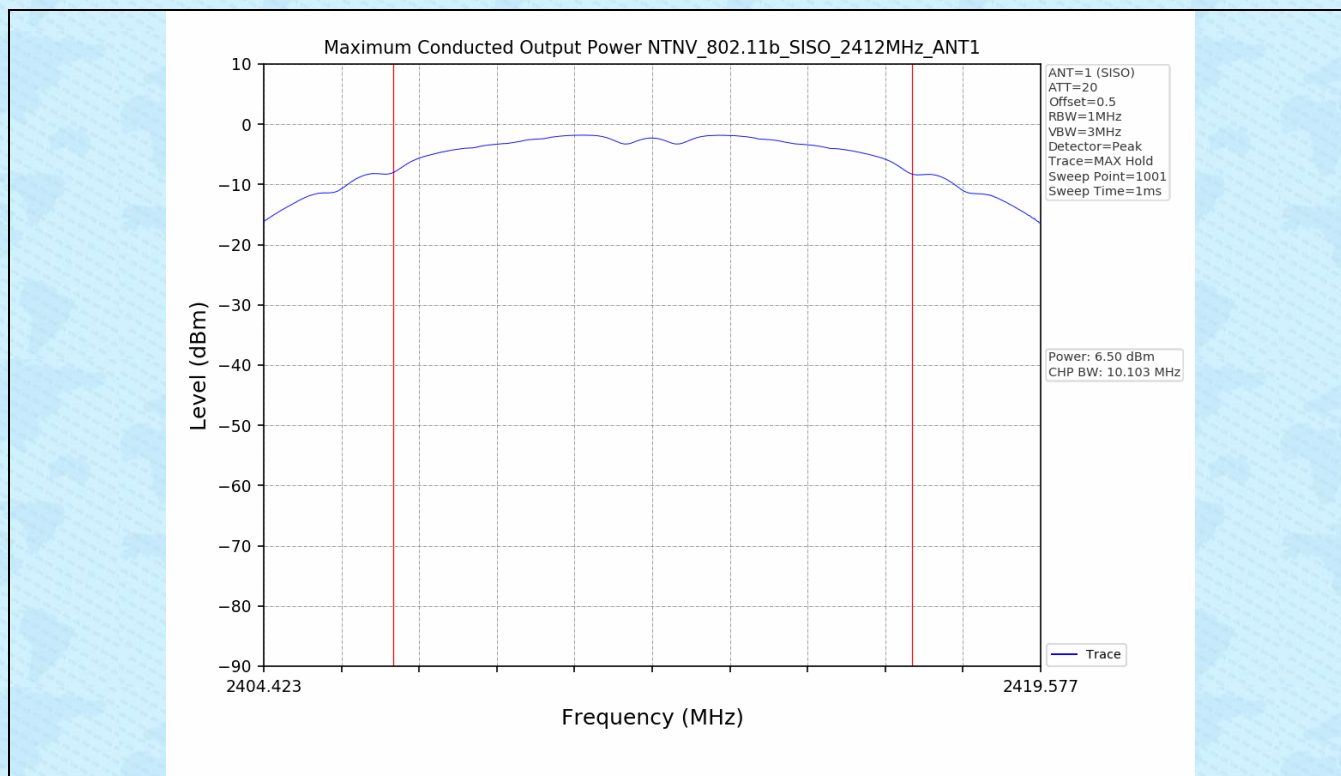


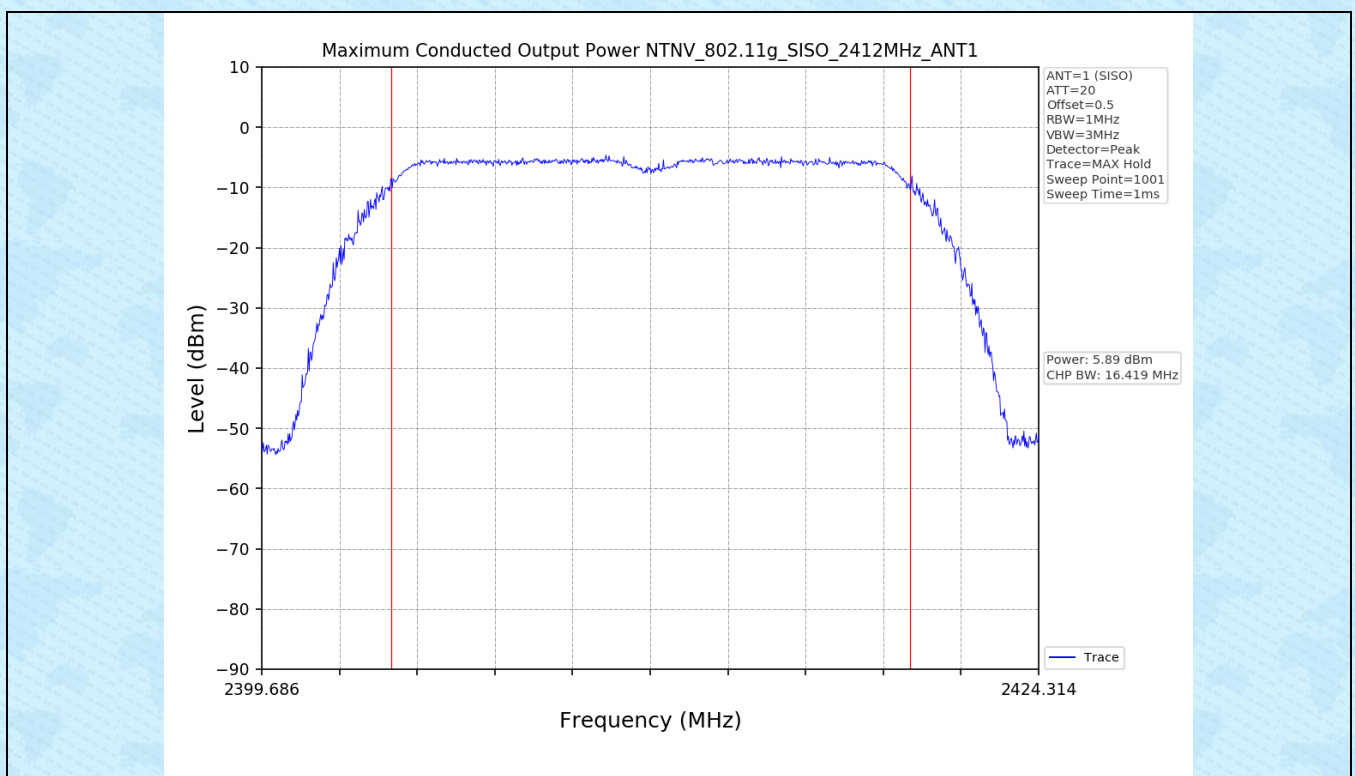
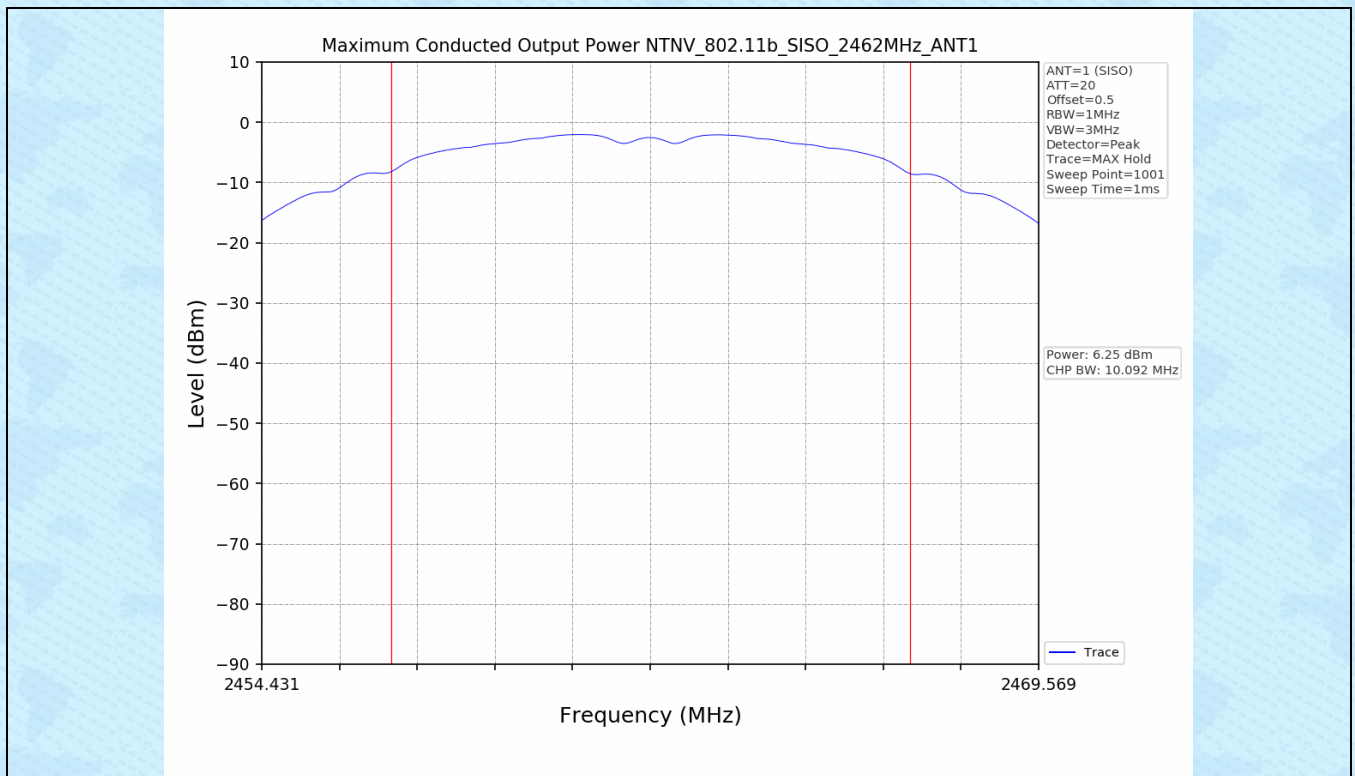
2. Maximum Conducted Output Power

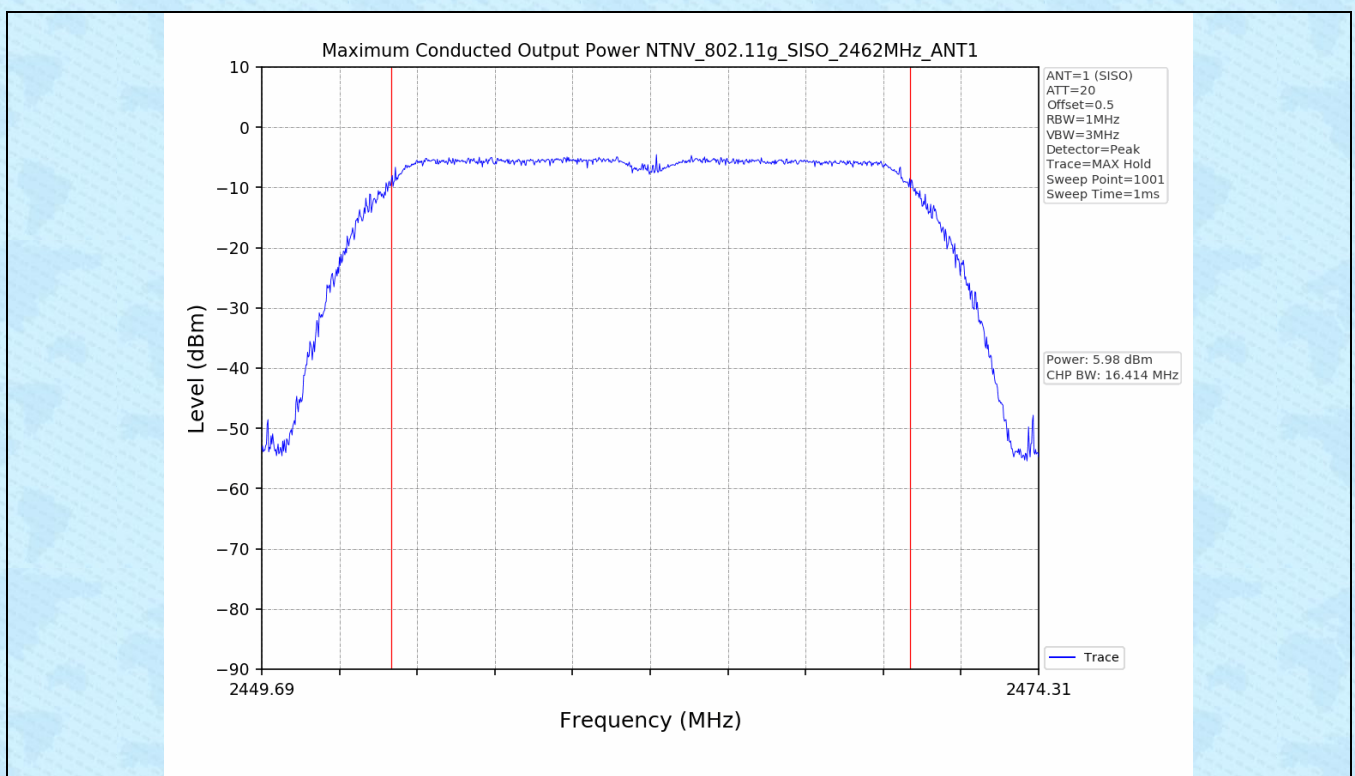
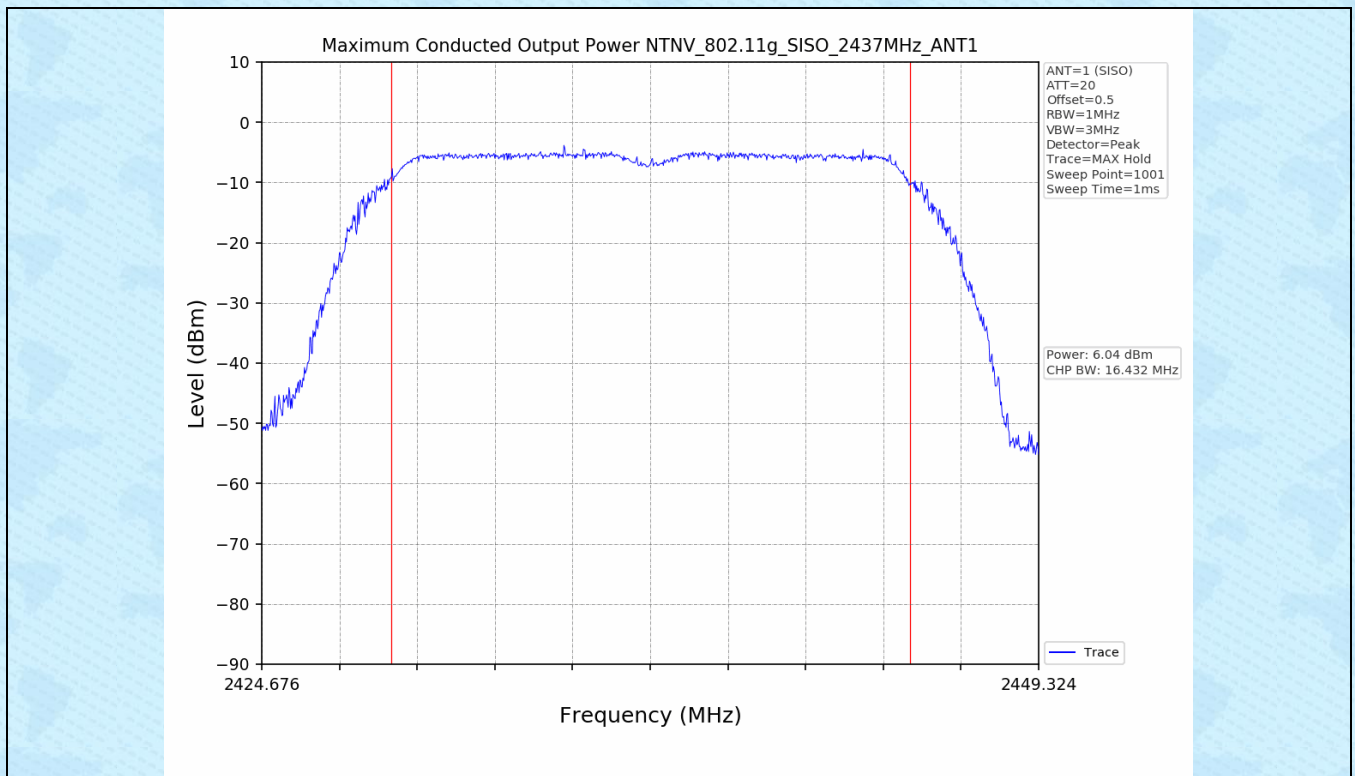
2.1 Test Result

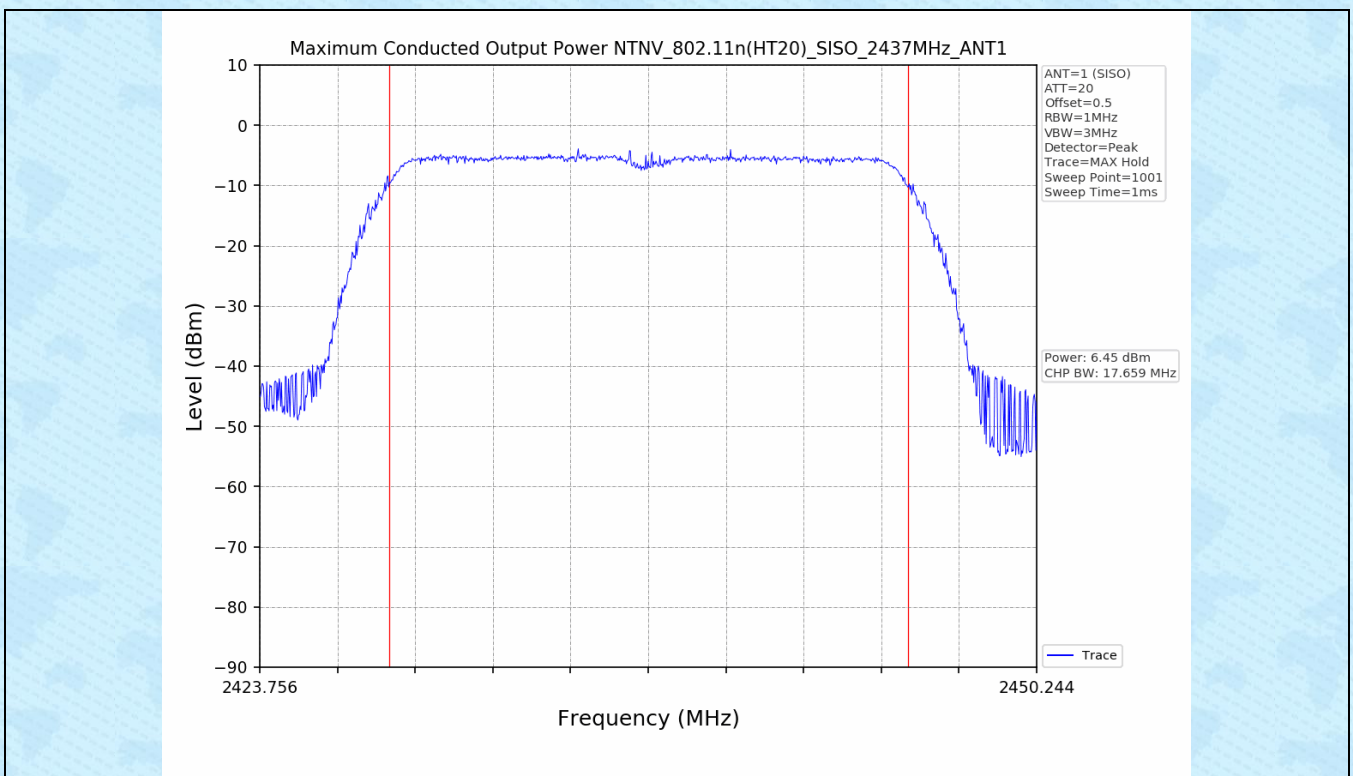
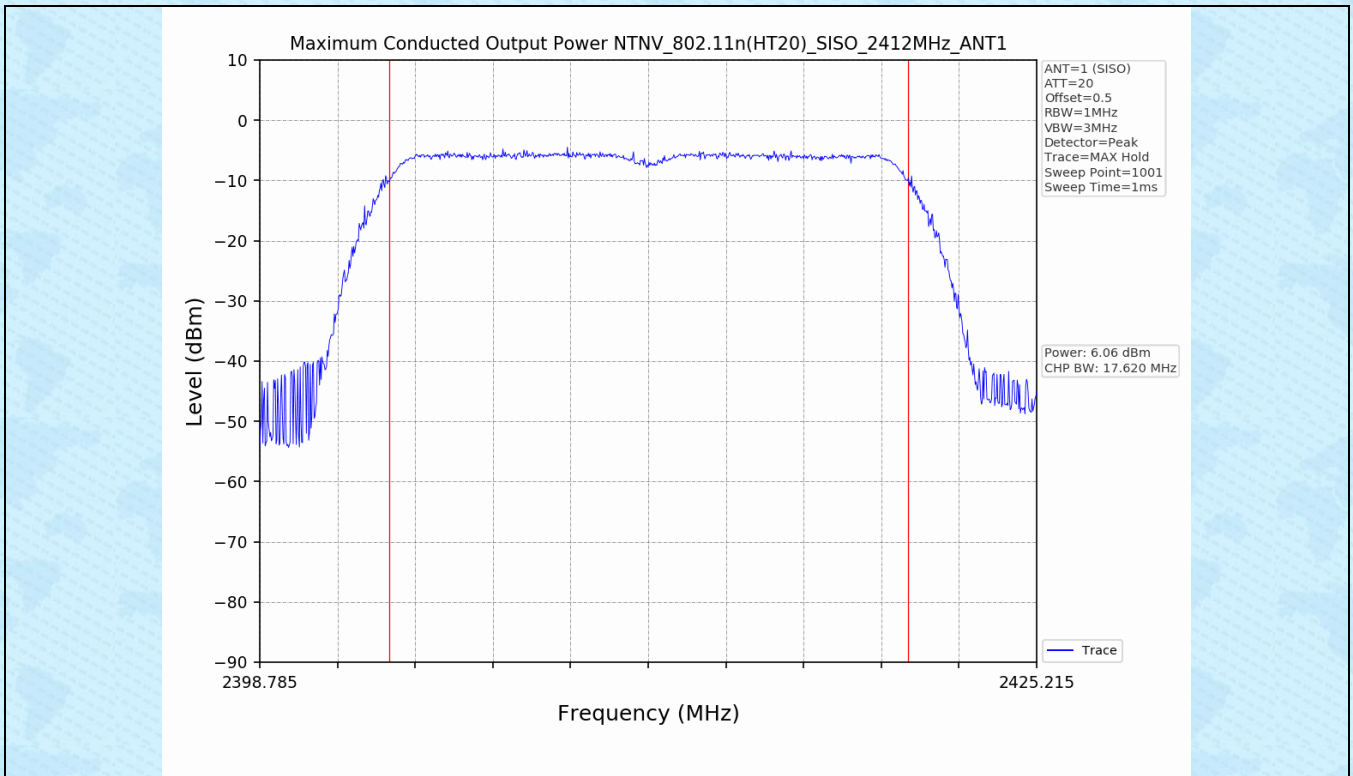
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
802.11b	2412	SISO	6.50	30	PASS
	2437	SISO	6.48	30	PASS
	2462	SISO	6.25	30	PASS
802.11g	2412	SISO	5.89	30	PASS
	2437	SISO	6.04	30	PASS
	2462	SISO	5.98	30	PASS
802.11n(HT20)	2412	SISO	6.06	30	PASS
	2437	SISO	6.45	30	PASS
	2462	SISO	6.13	30	PASS
802.11n(HT40)	2422	SISO	5.48	30	PASS
	2437	SISO	4.92	30	PASS
	2452	SISO	5.34	30	PASS

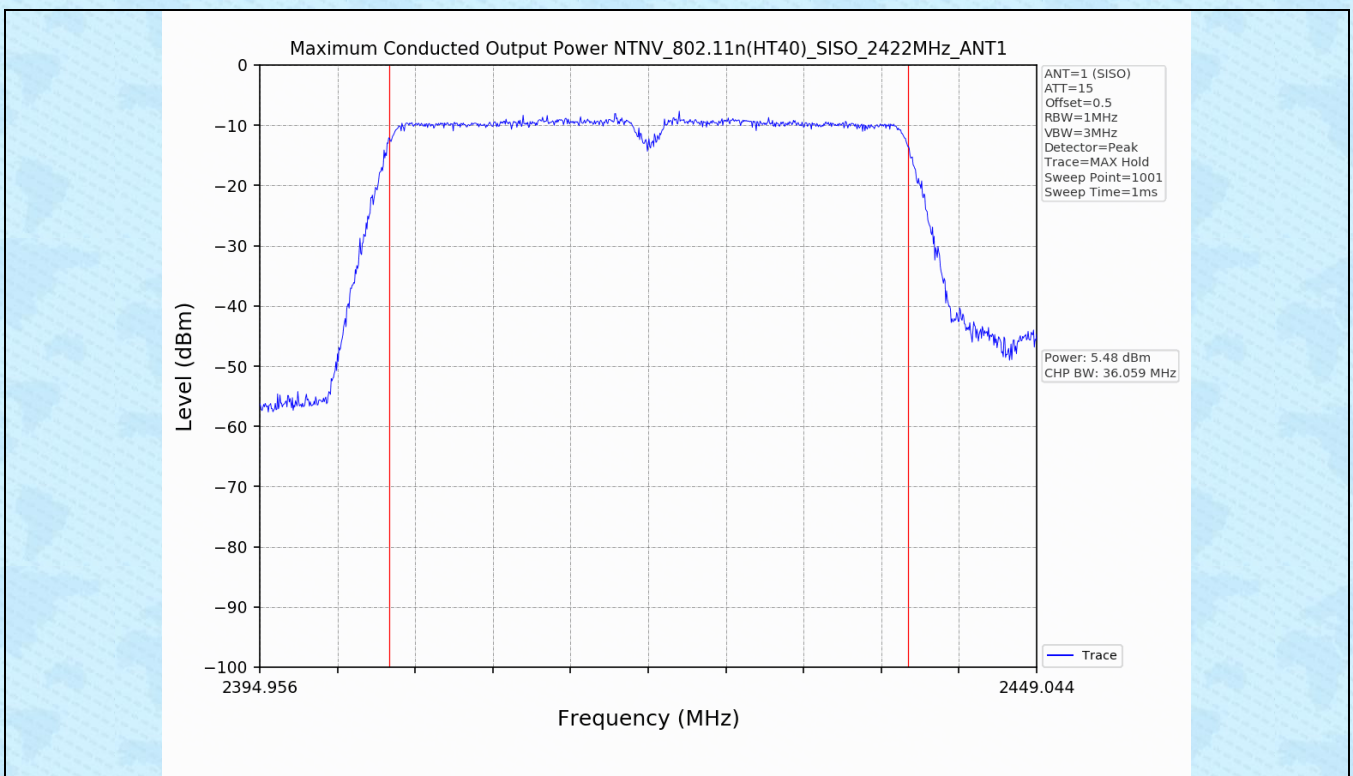
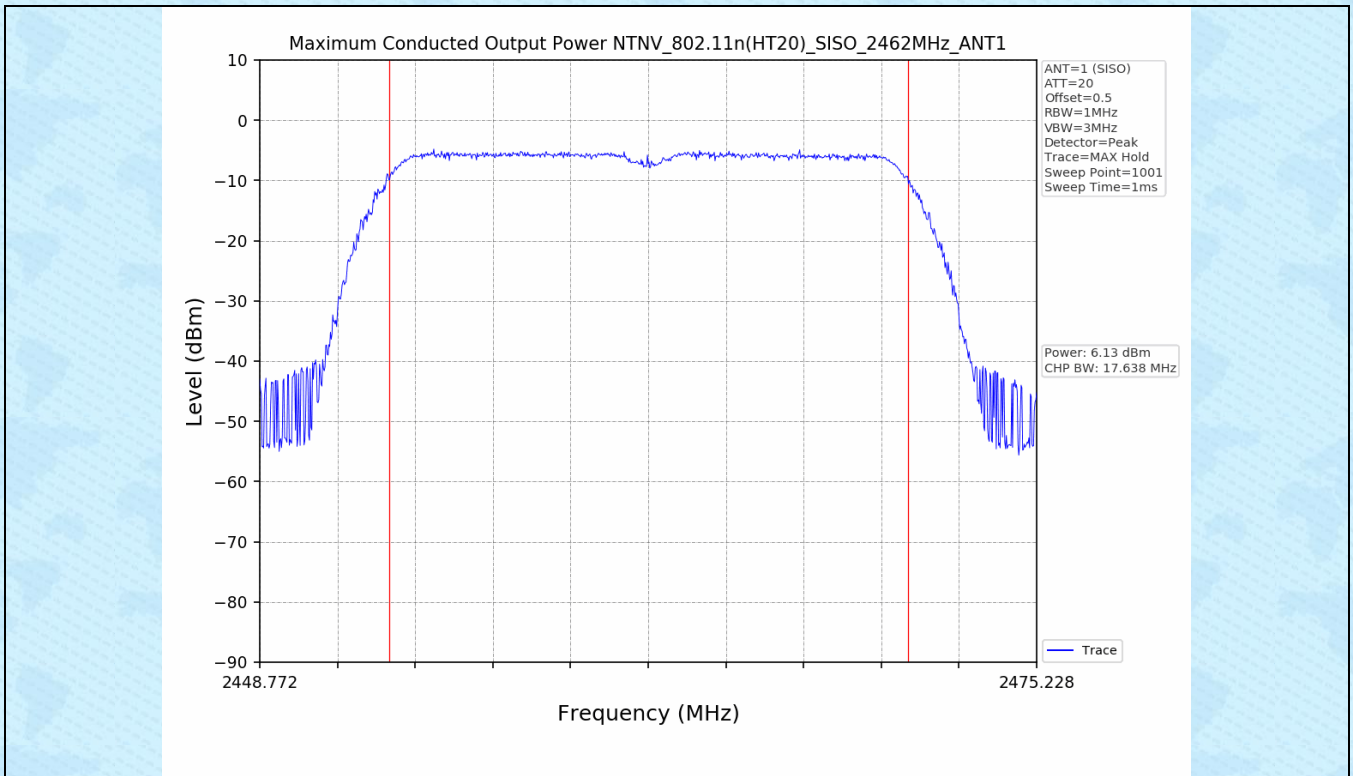
2.2 Test Graph

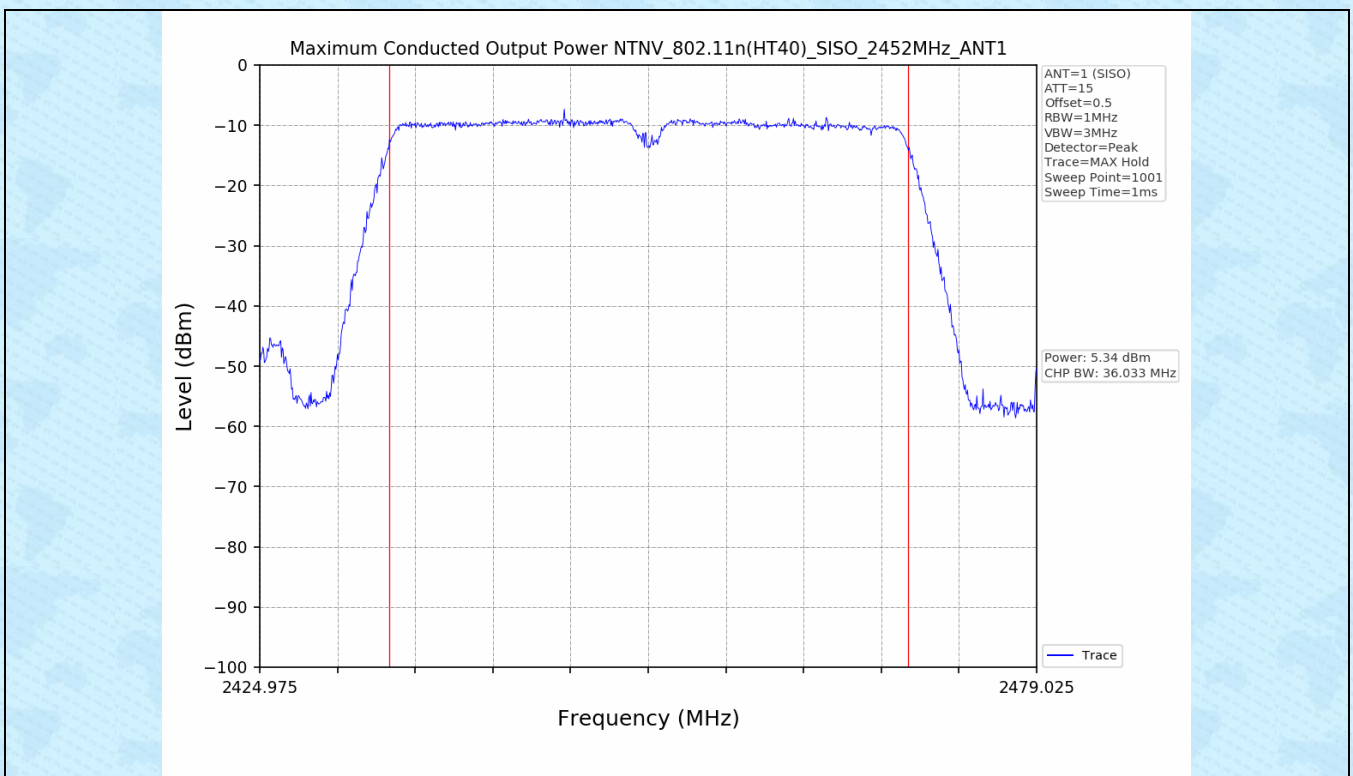
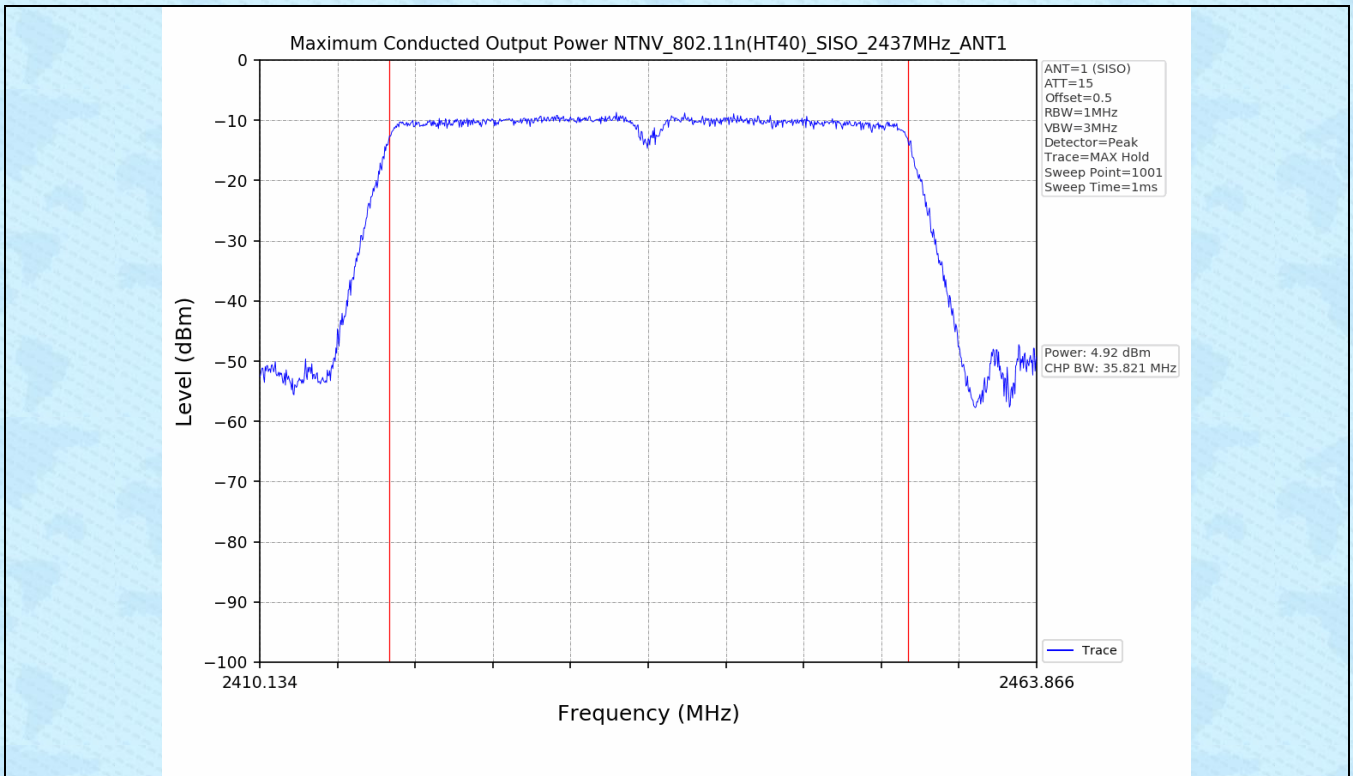










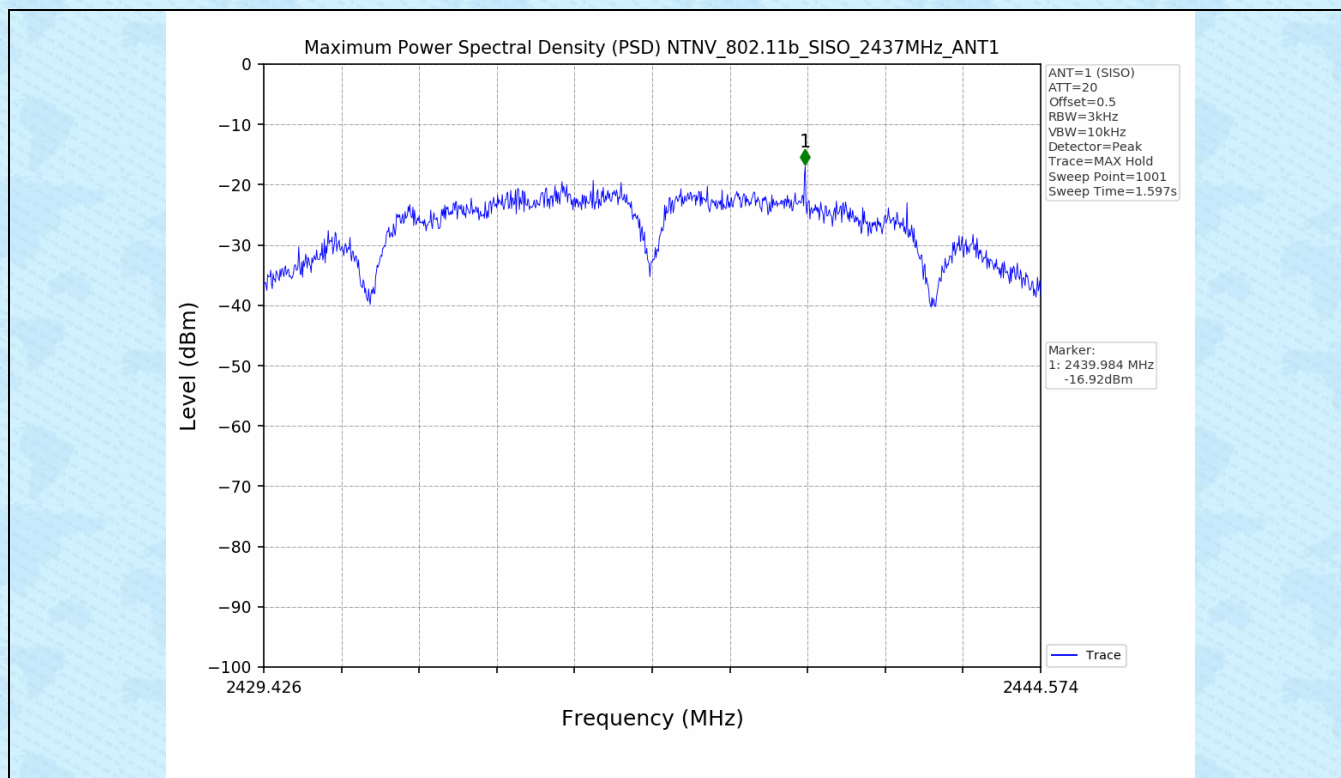
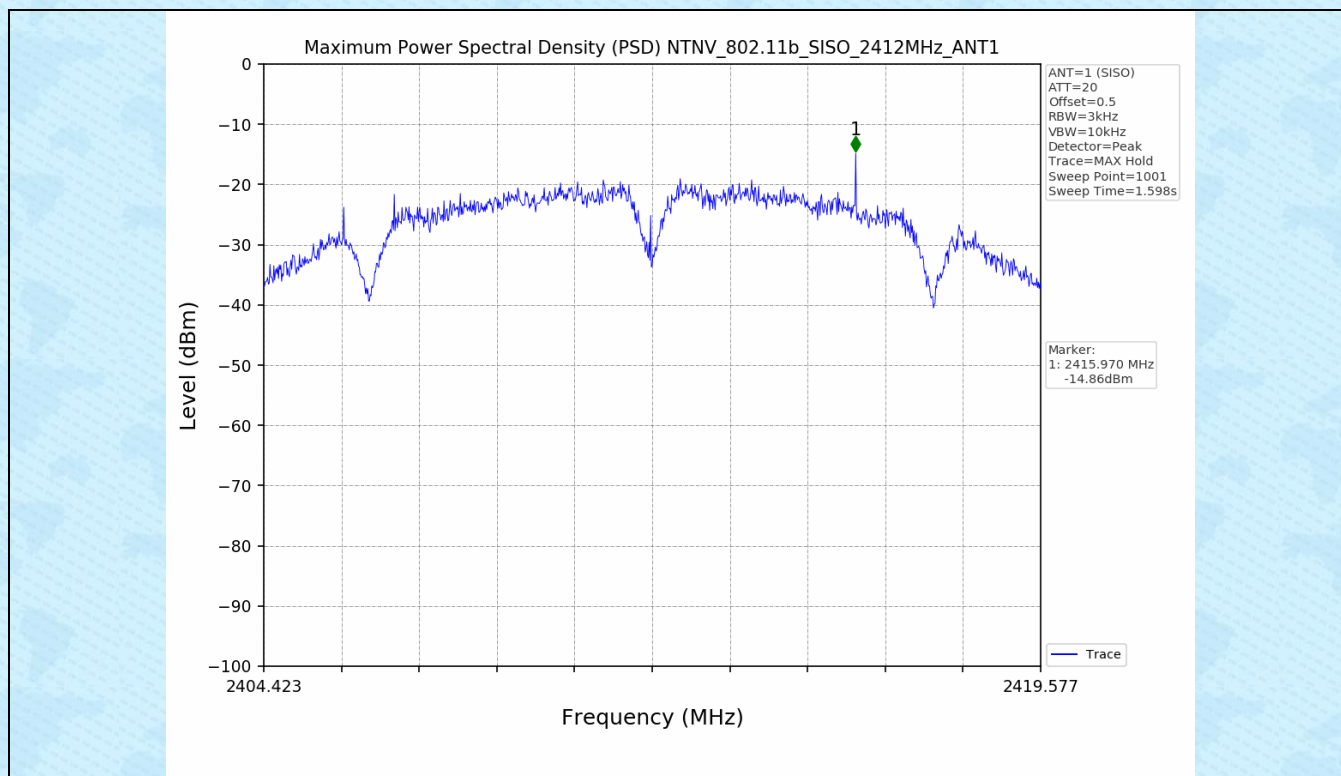


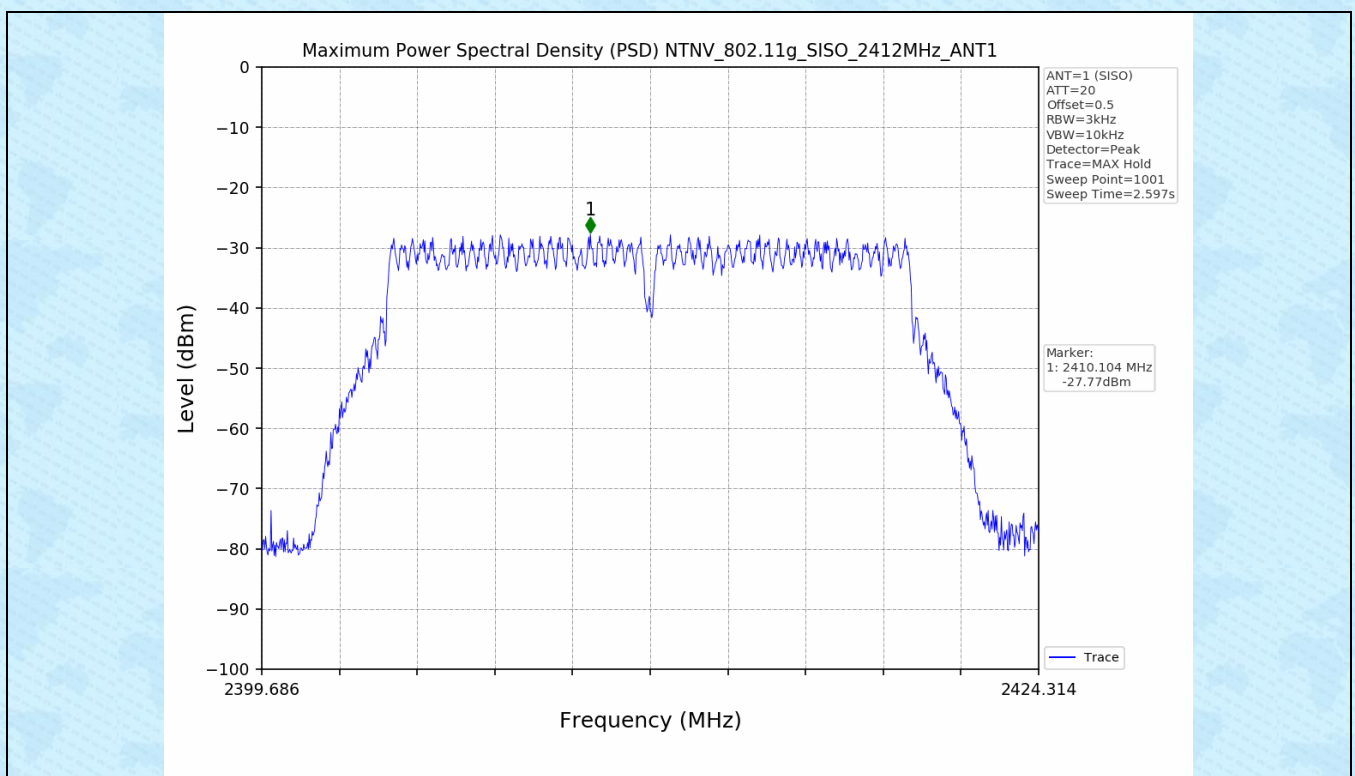
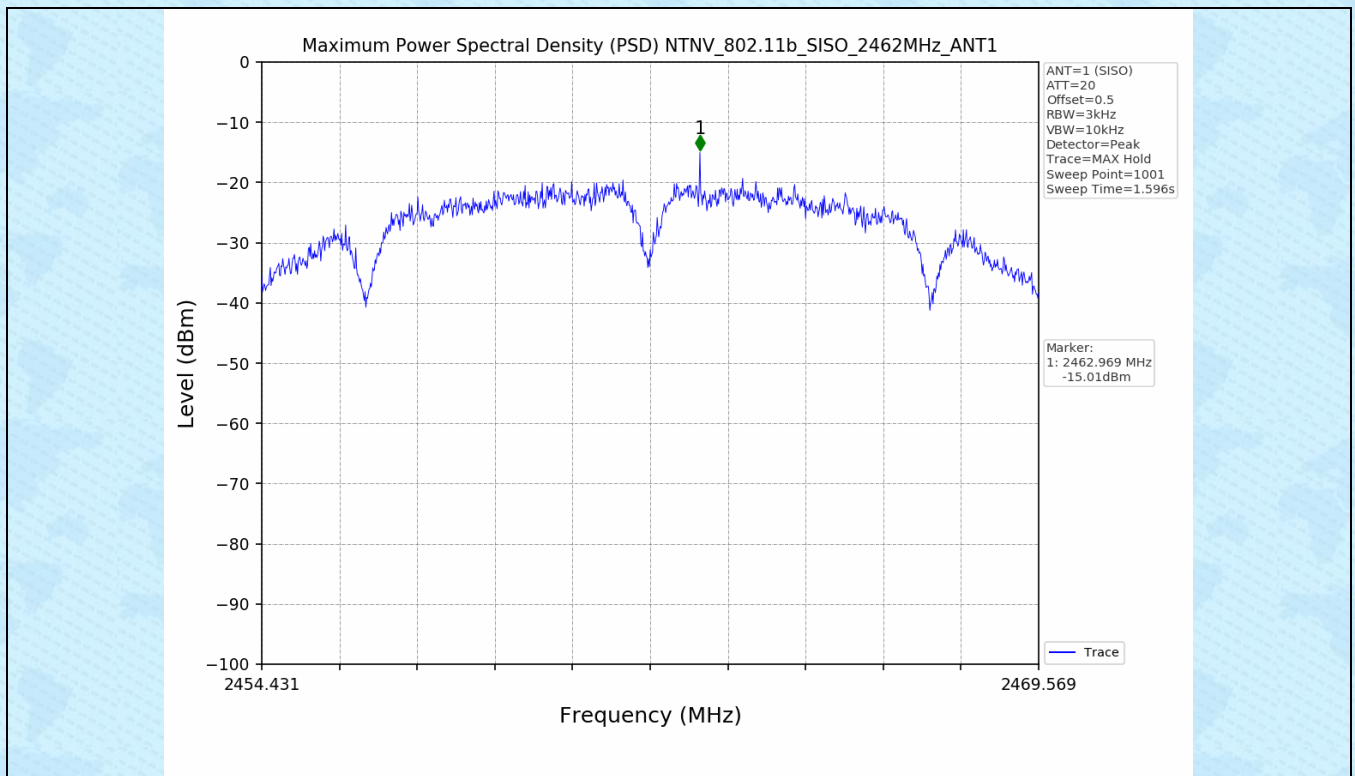
3. Maximum Power Spectral Density (PSD)

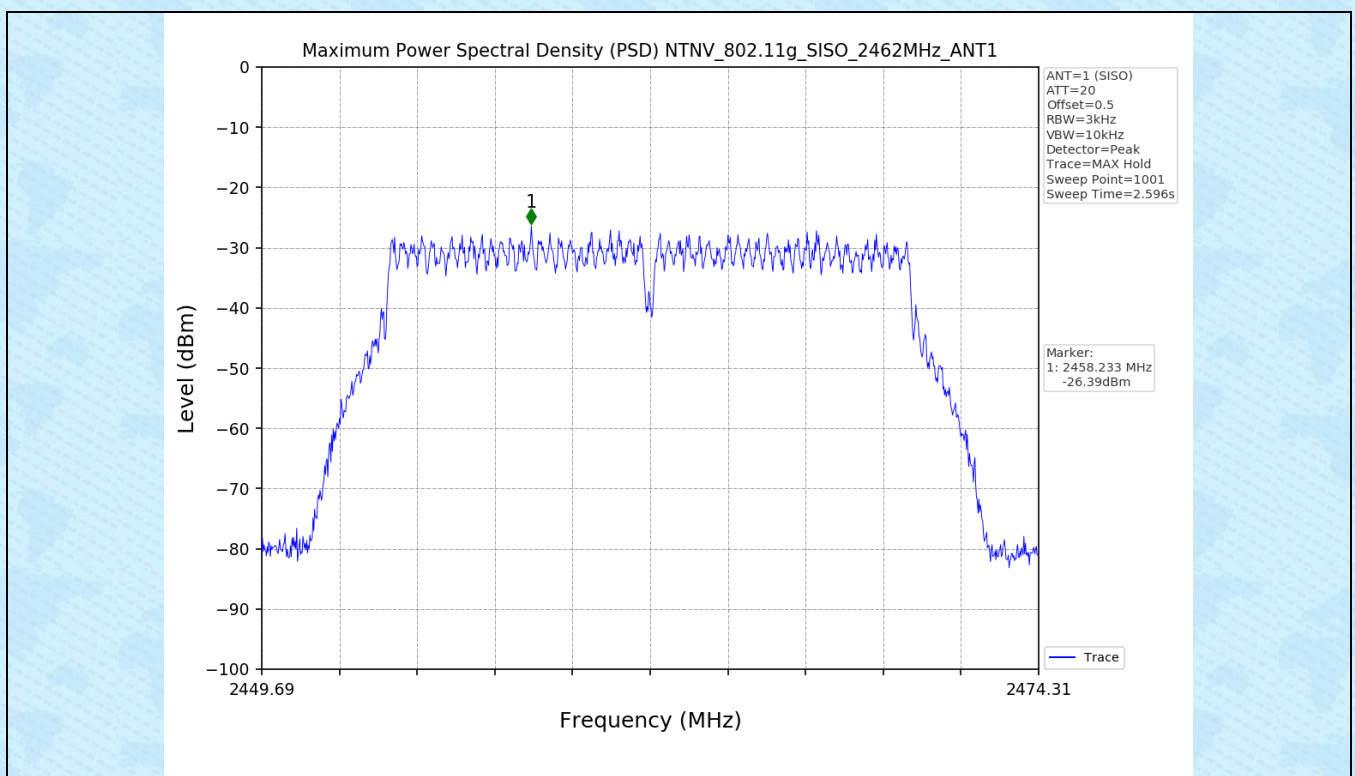
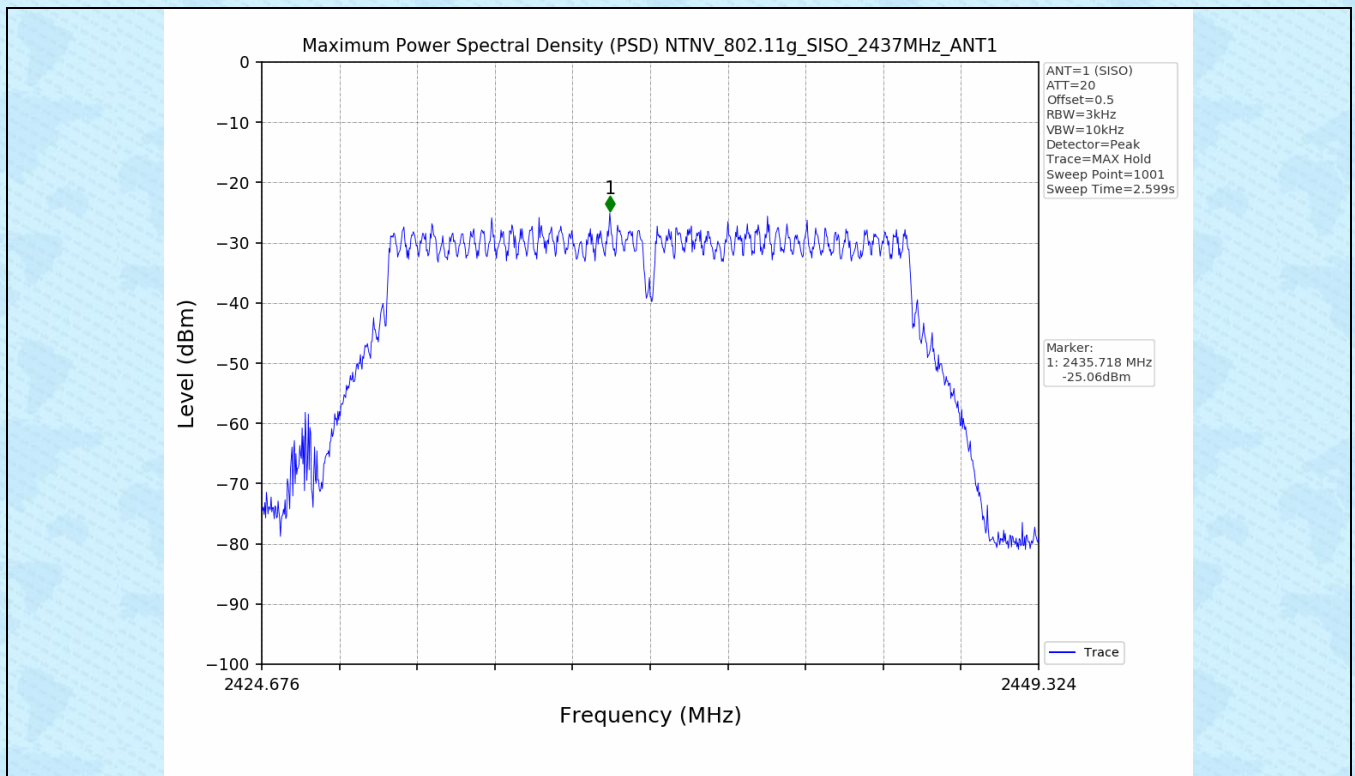
3.1 Test Result

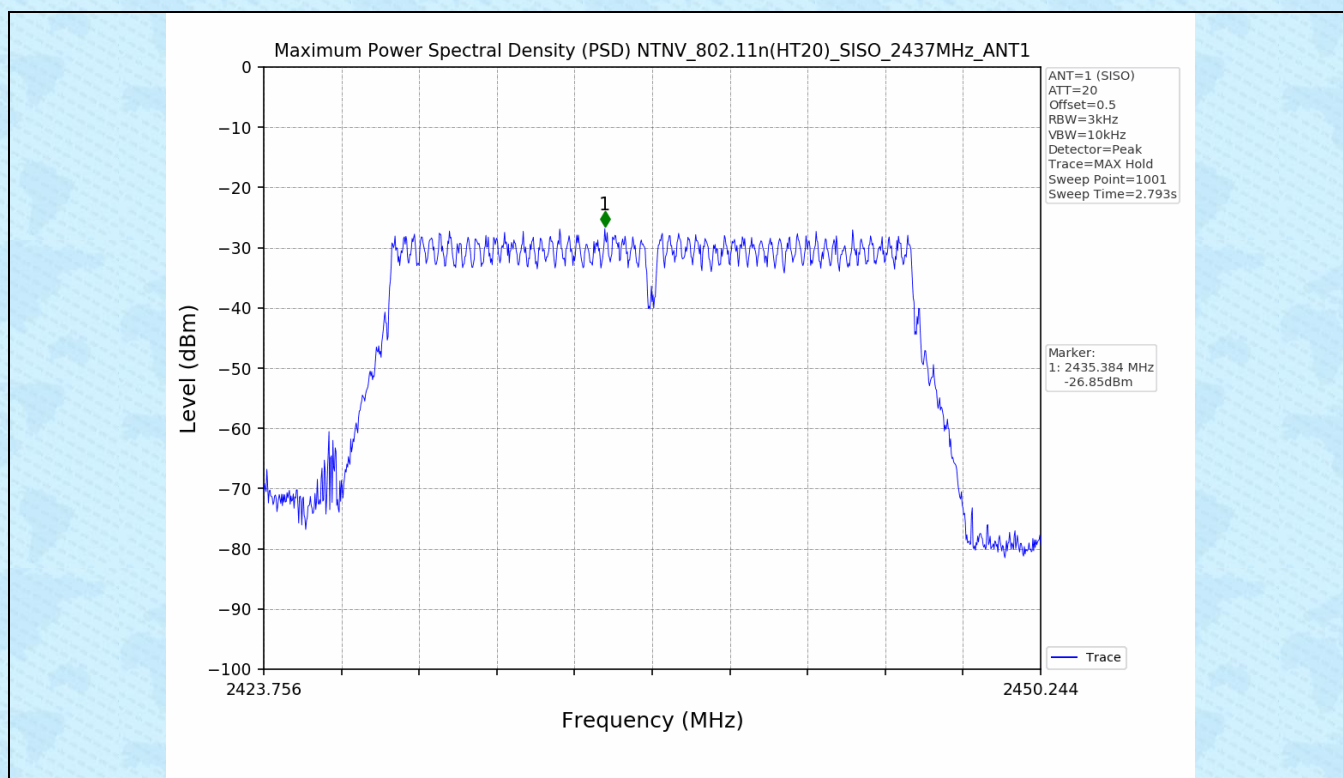
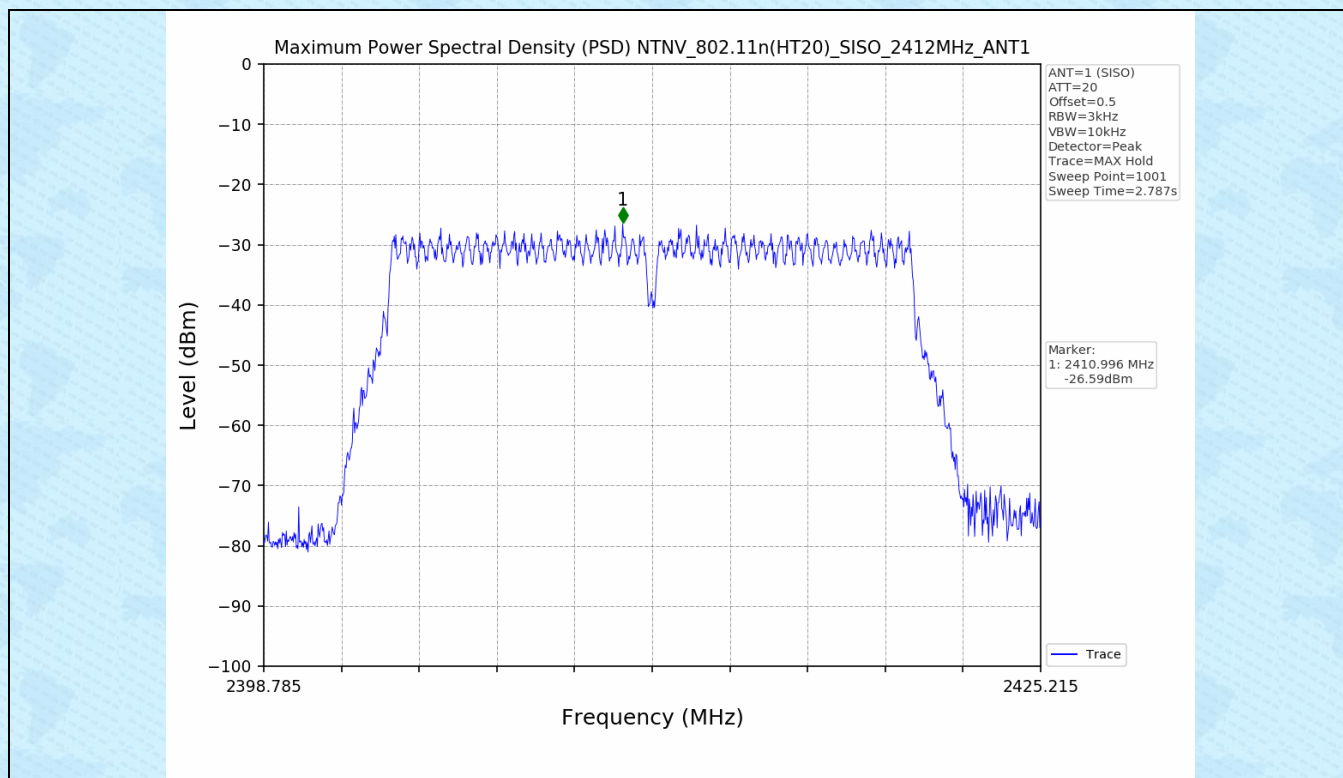
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
802.11b	2412	SISO	-14.86	≤8	PASS
	2437	SISO	-16.92	≤8	PASS
	2462	SISO	-15.01	≤8	PASS
802.11g	2412	SISO	-27.77	≤8	PASS
	2437	SISO	-25.06	≤8	PASS
	2462	SISO	-26.39	≤8	PASS
802.11n(HT20)	2412	SISO	-26.59	≤8	PASS
	2437	SISO	-26.85	≤8	PASS
	2462	SISO	-26.86	≤8	PASS
802.11n(HT40)	2422	SISO	-30.74	≤8	PASS
	2437	SISO	-30.45	≤8	PASS
	2452	SISO	-30.83	≤8	PASS

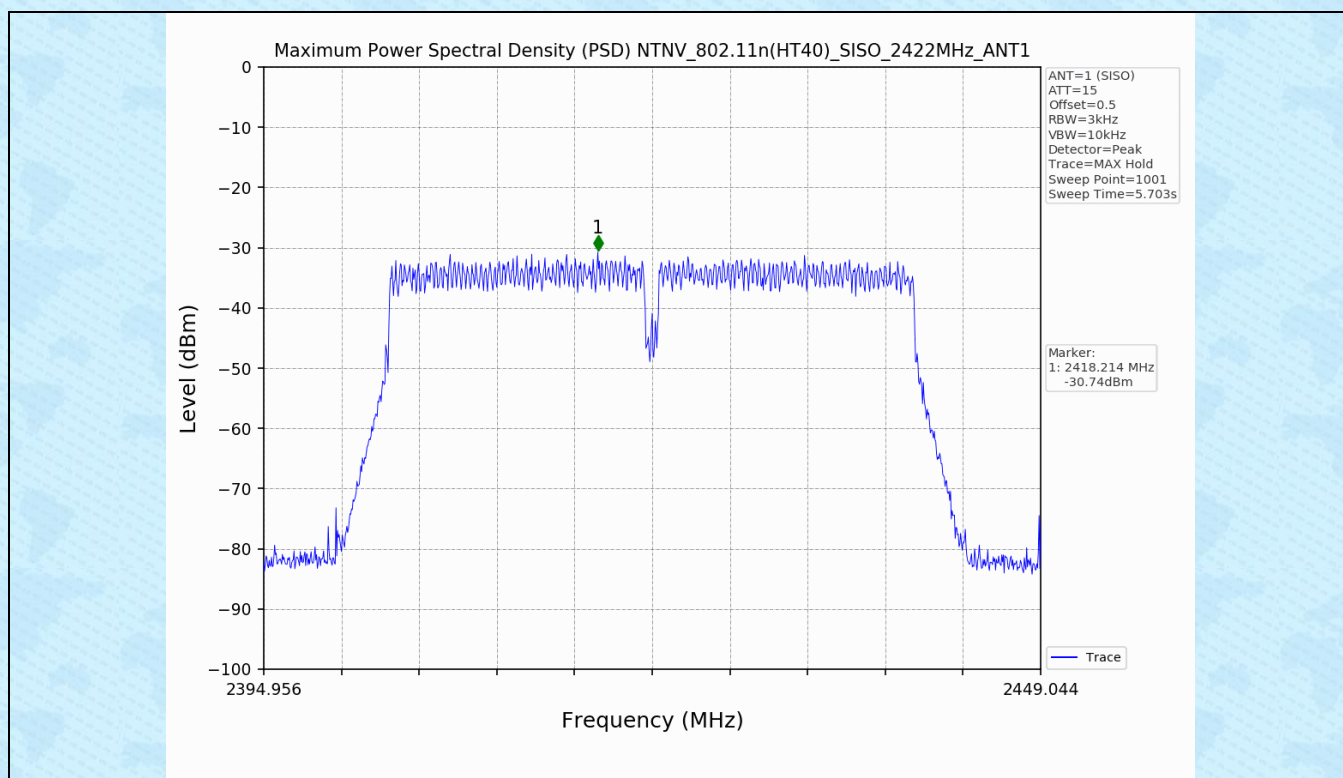
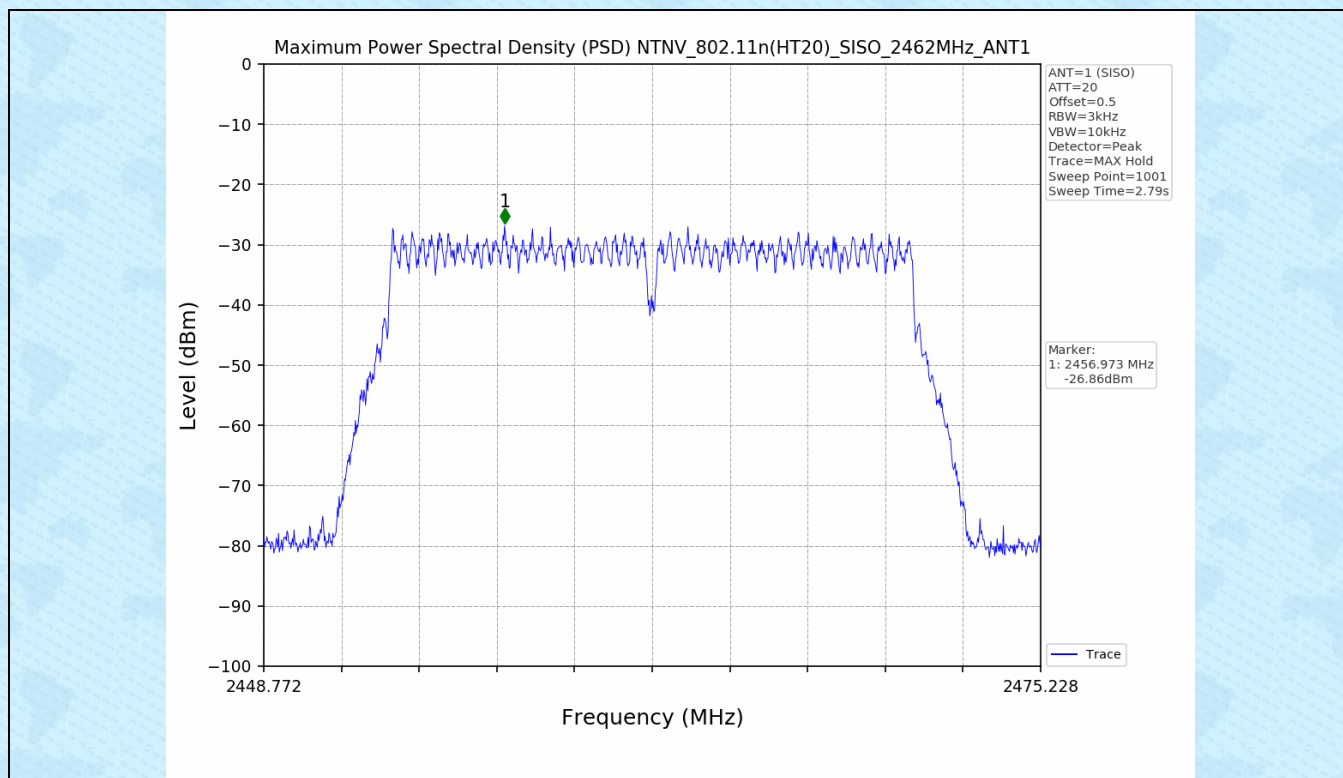
3.2 Test Graph

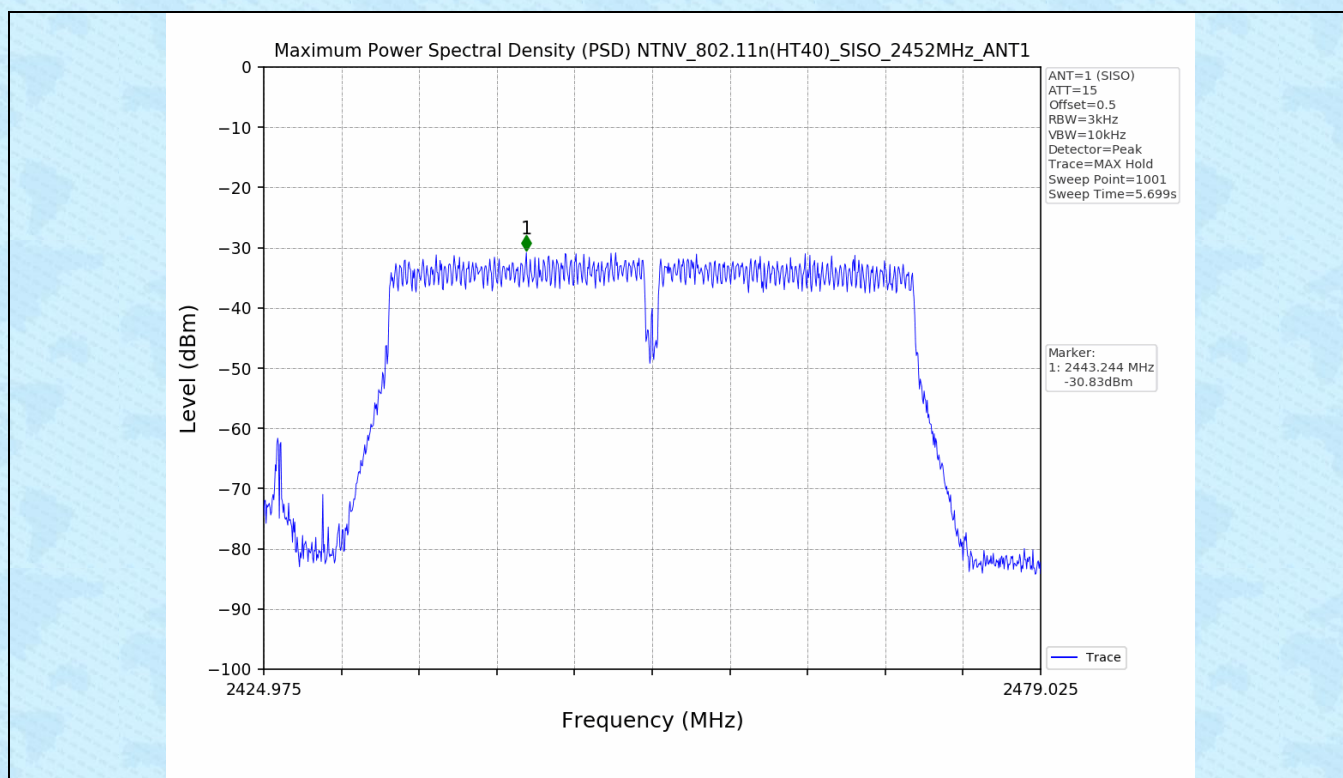
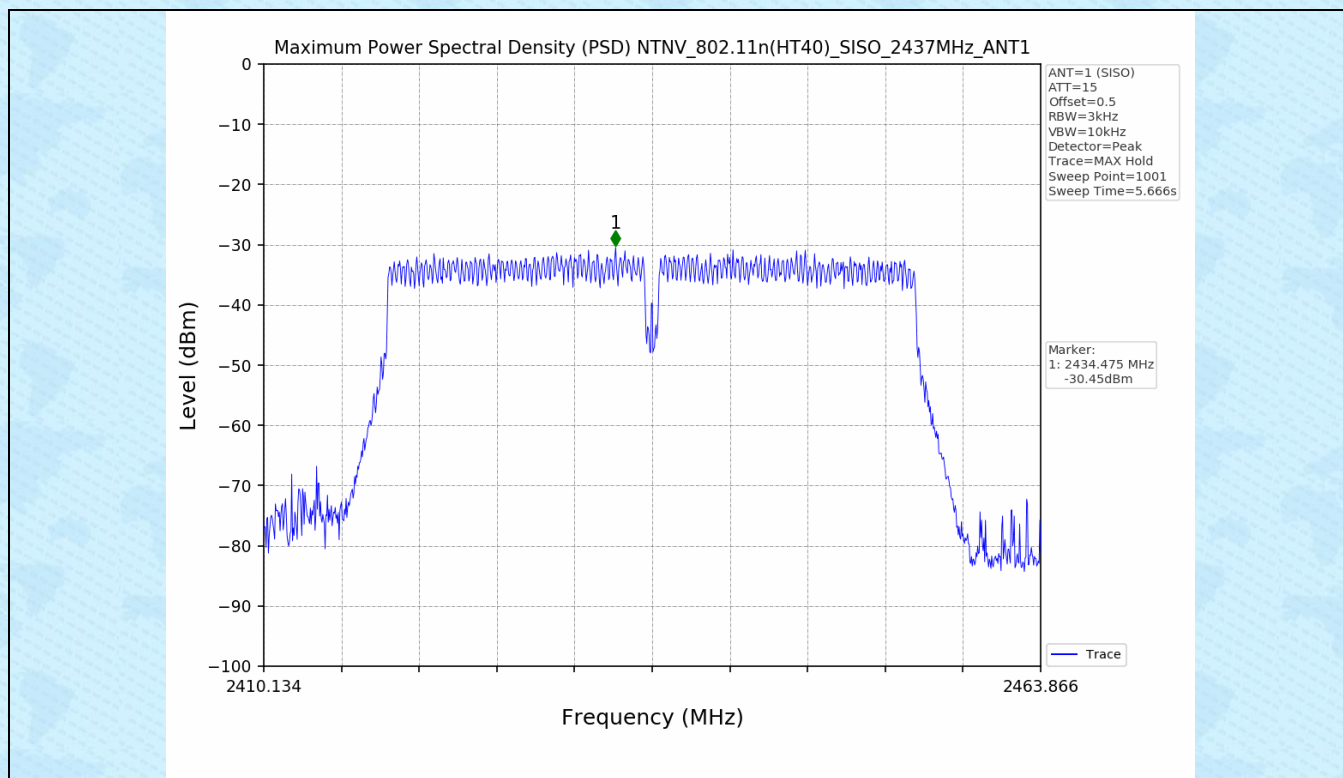










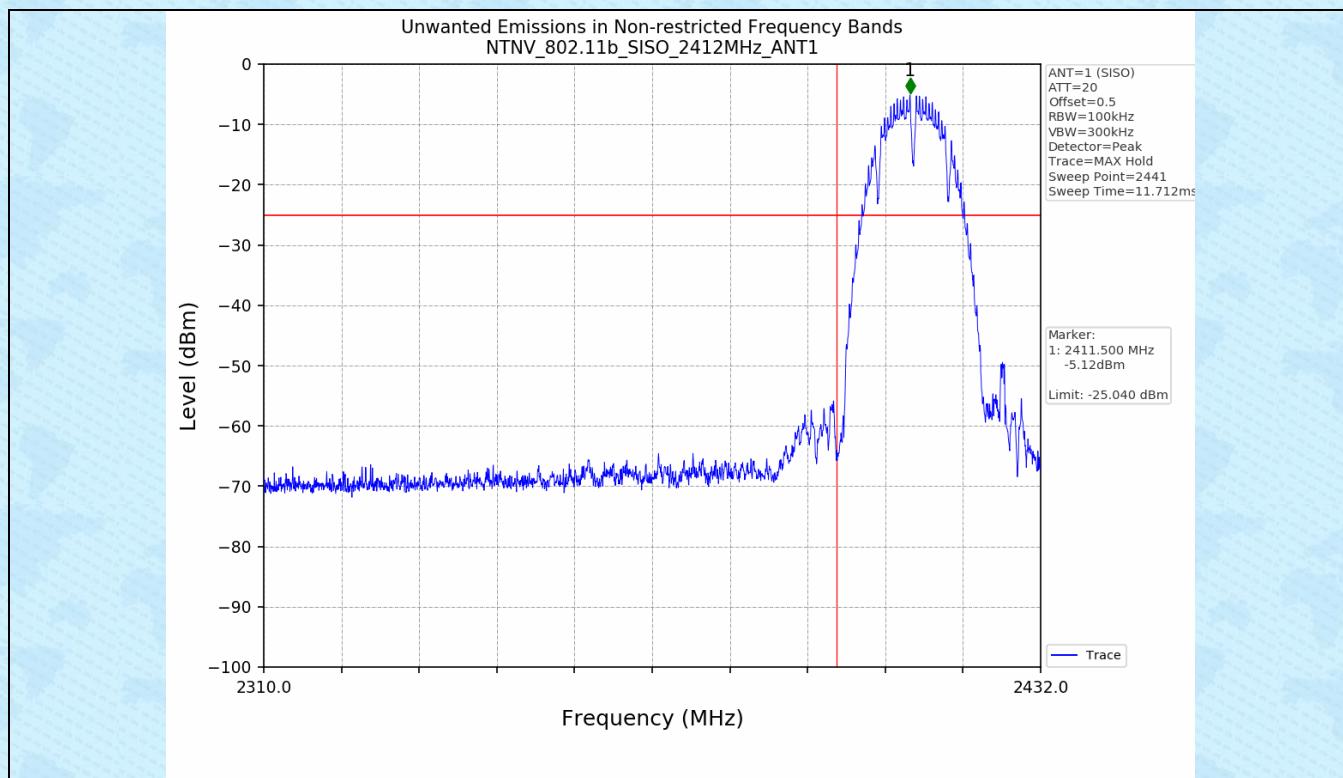
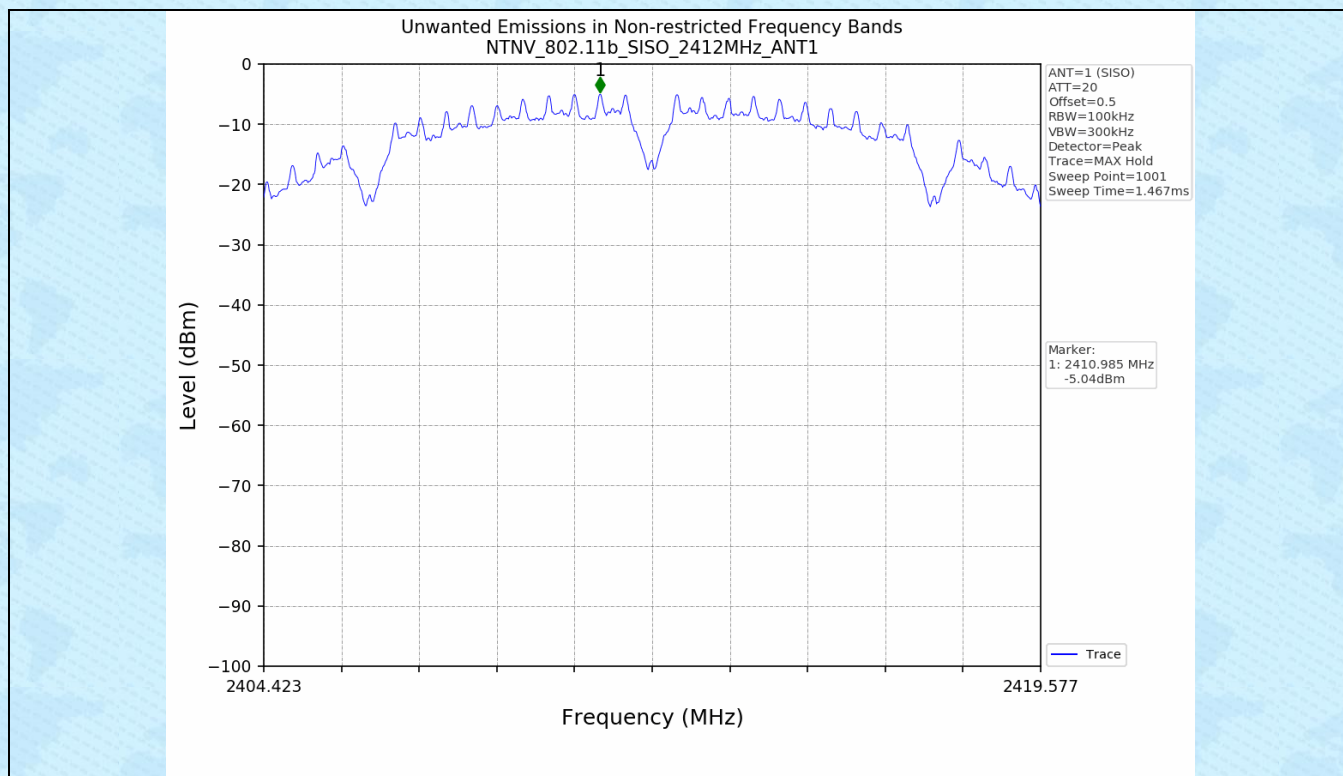


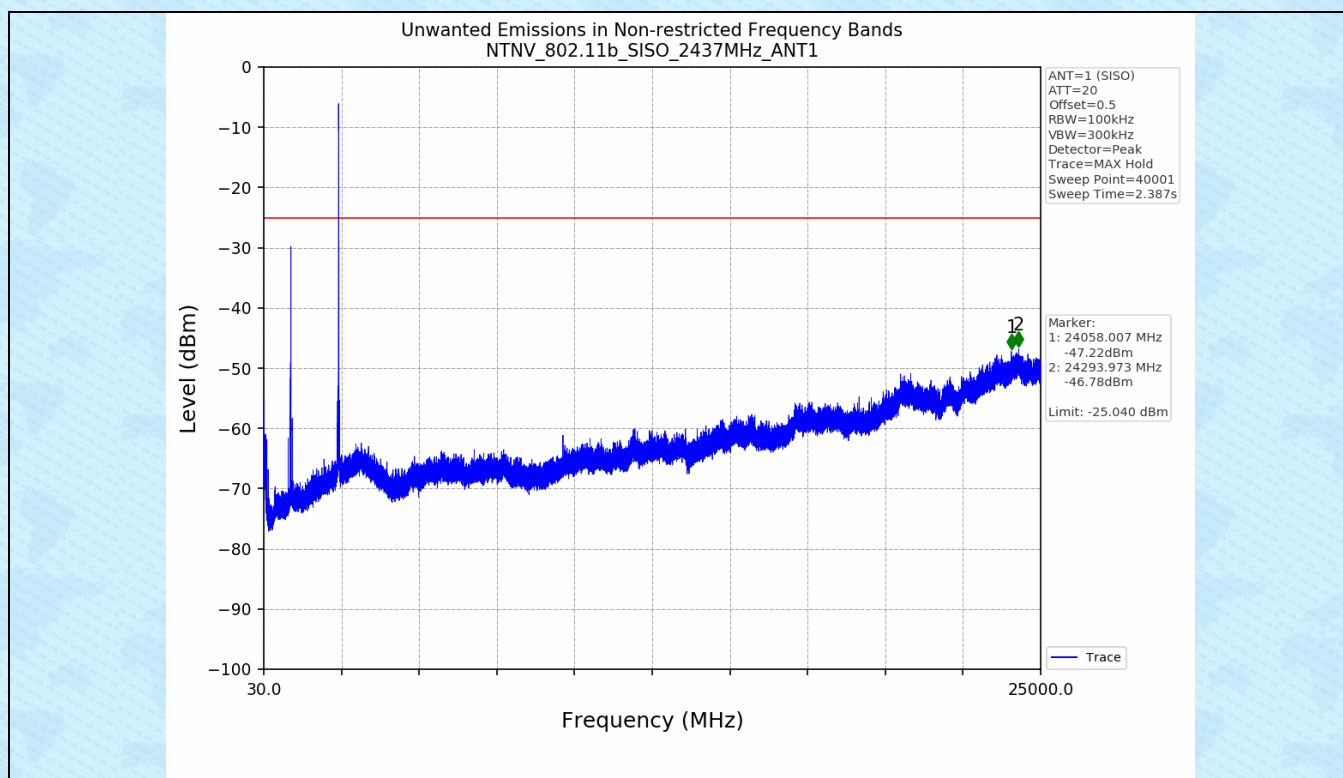
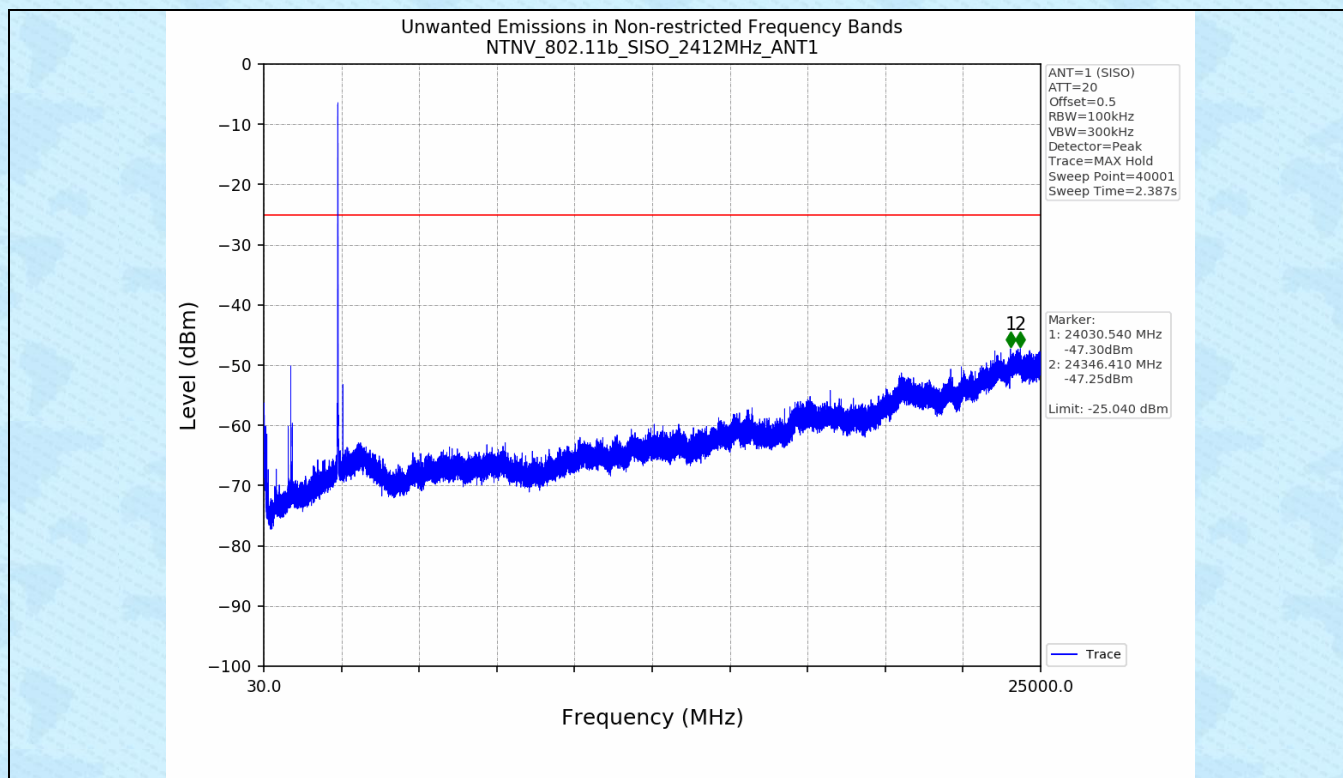
4. Unwanted Emissions in Non-restricted Frequency Bands

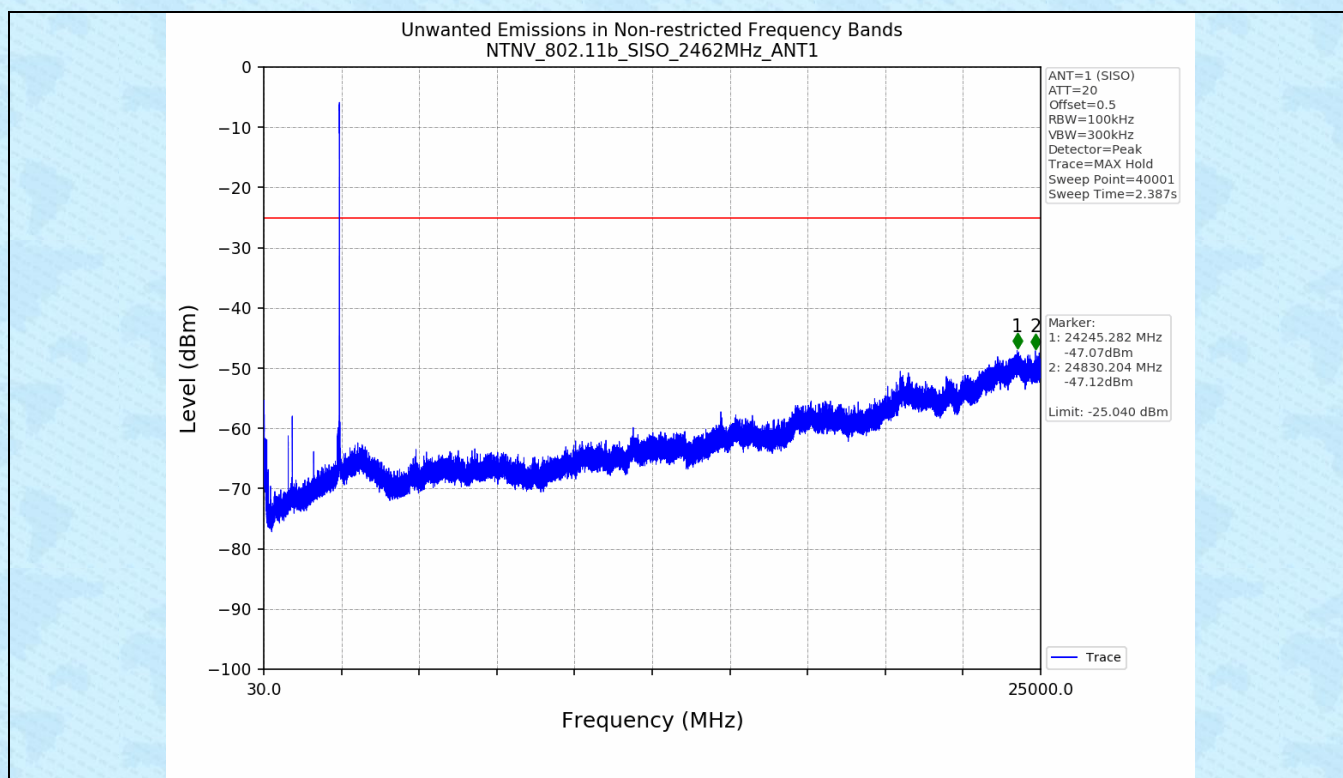
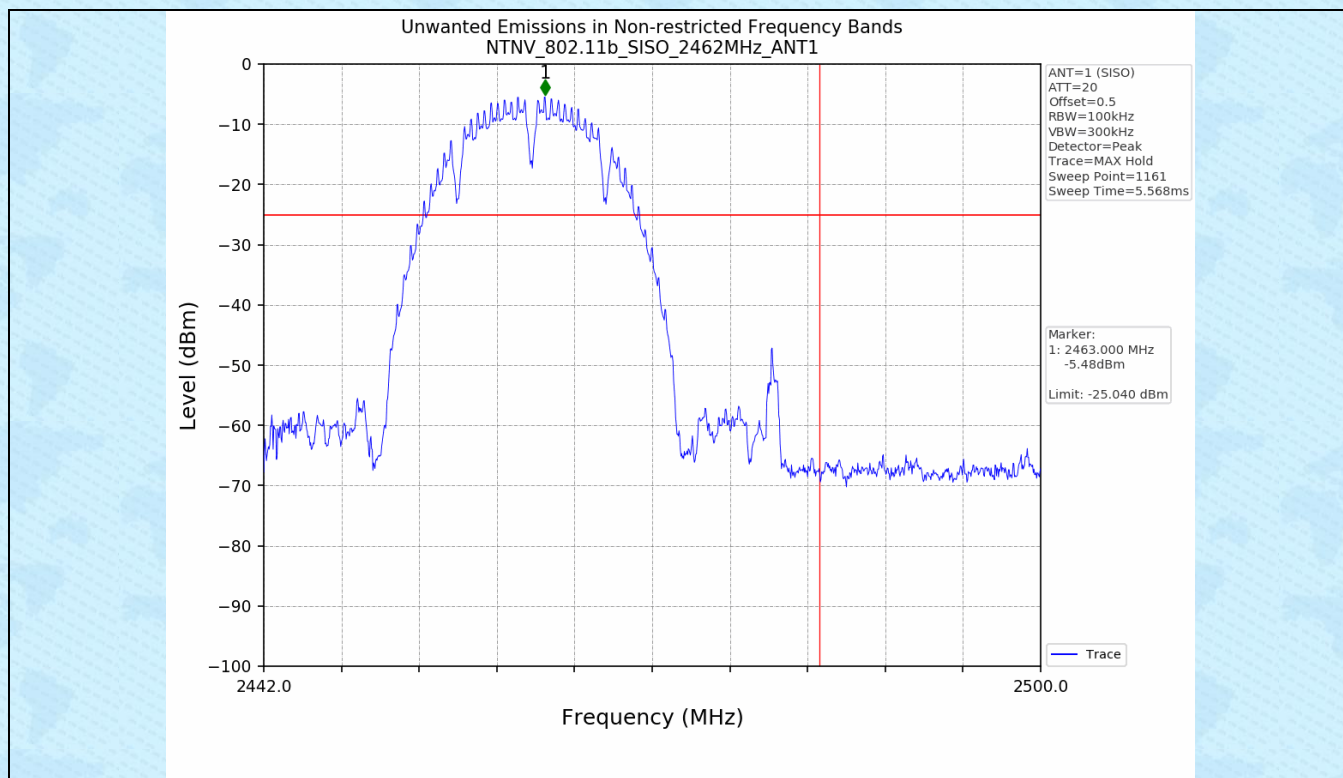
4.1 Test Result

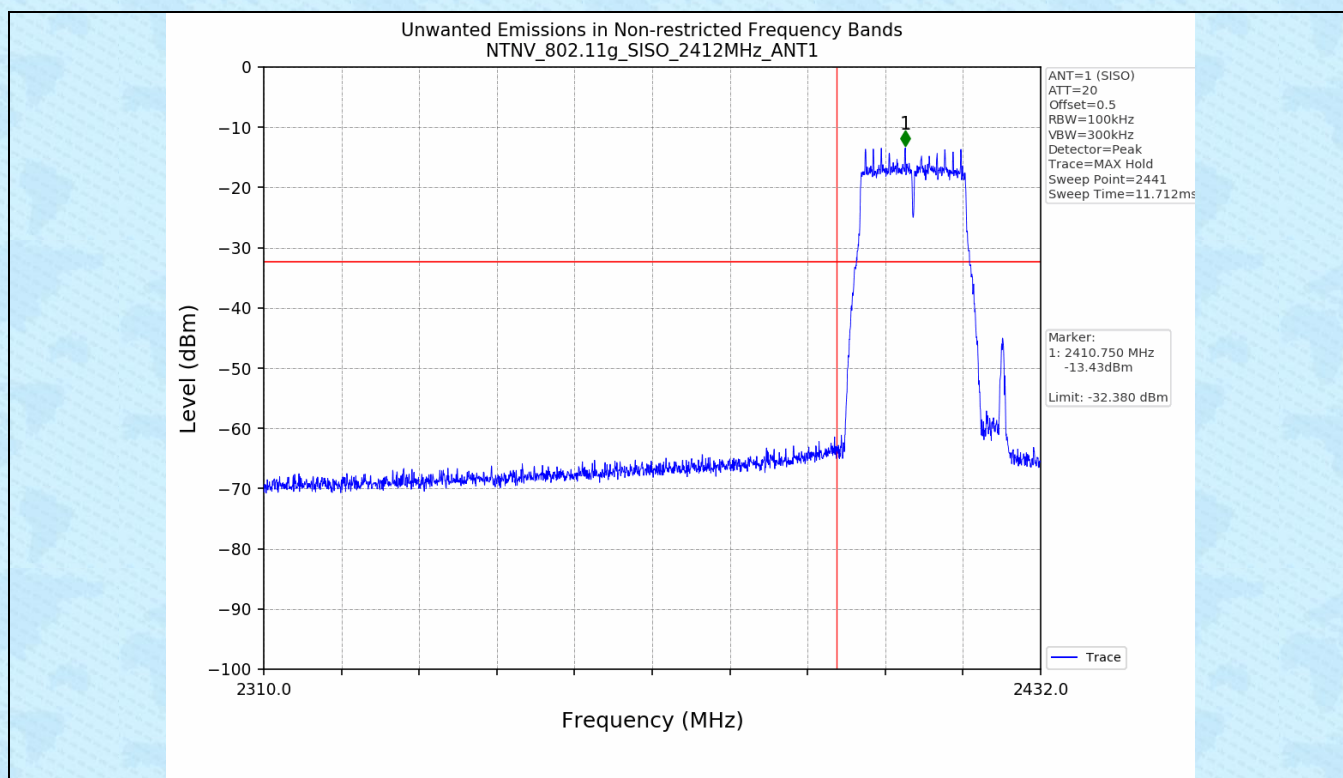
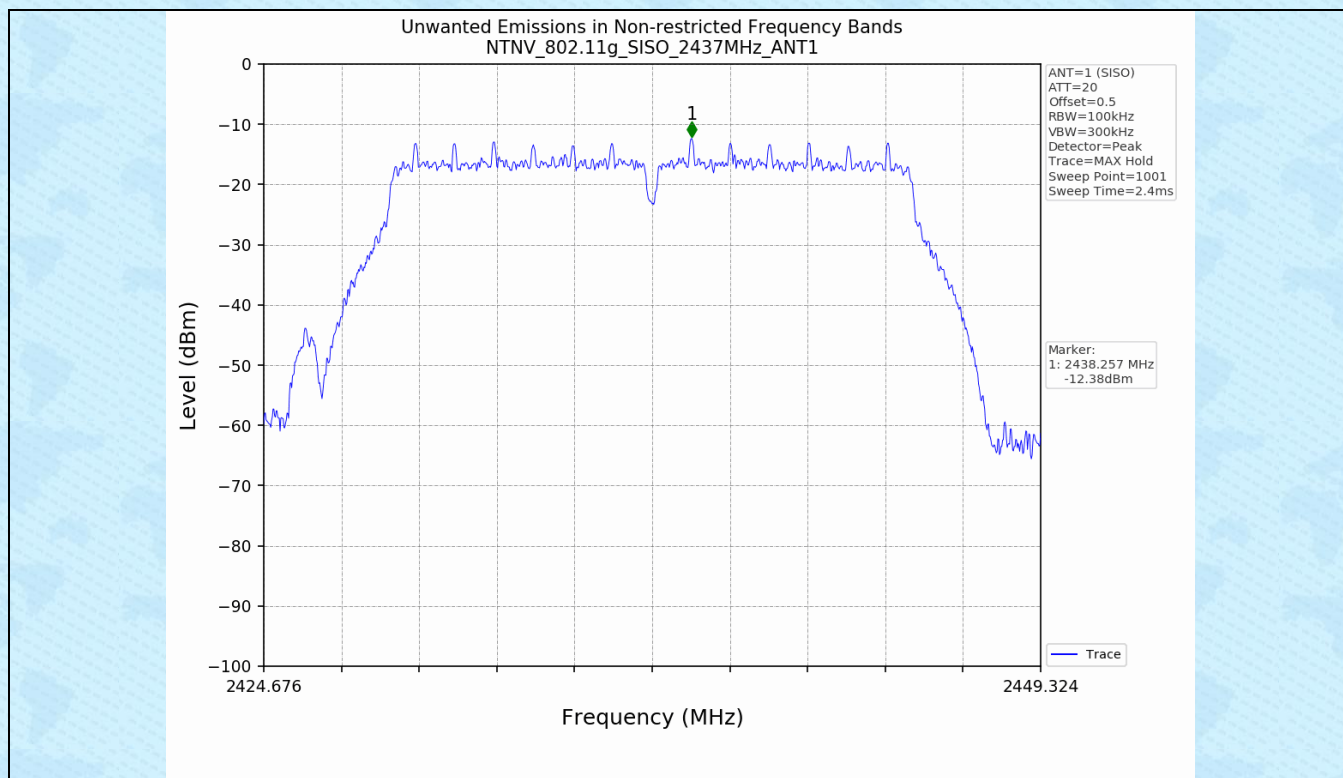
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	ANT1	Refer to test graph	-25.04	PASS
	2437	SISO	ANT1	Refer to test graph	-25.04	PASS
	2462	SISO	ANT1	Refer to test graph	-25.04	PASS
802.11g	2412	SISO	ANT1	Refer to test graph	-32.38	PASS
	2437	SISO	ANT1	Refer to test graph	-32.38	PASS
	2462	SISO	ANT1	Refer to test graph	-32.38	PASS
802.11n(HT20)	2412	SISO	ANT1	Refer to test graph	-32.52	PASS
	2437	SISO	ANT1	Refer to test graph	-32.52	PASS
	2462	SISO	ANT1	Refer to test graph	-32.52	PASS
802.11n(HT40)	2422	SISO	ANT1	Refer to test graph	-36.38	PASS
	2437	SISO	ANT1	Refer to test graph	-36.38	PASS
	2452	SISO	ANT1	Refer to test graph	-36.38	PASS

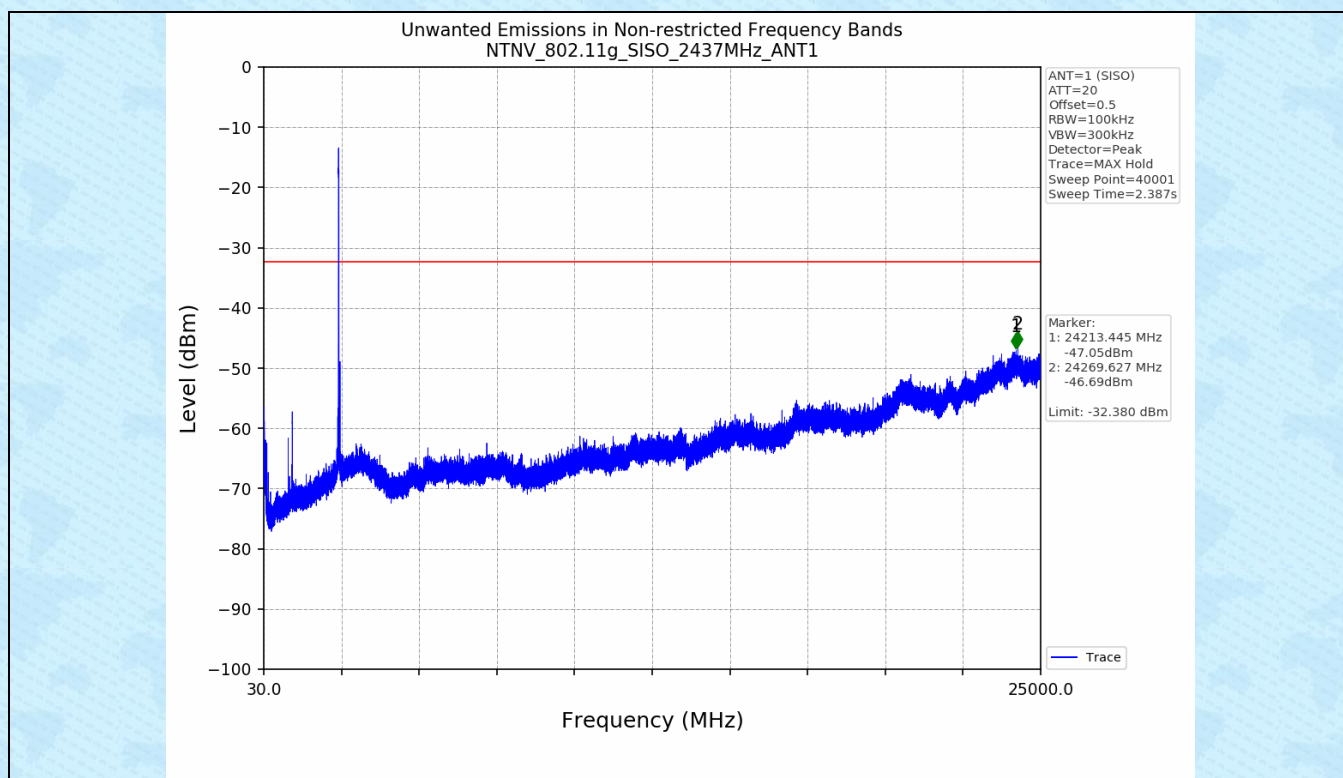
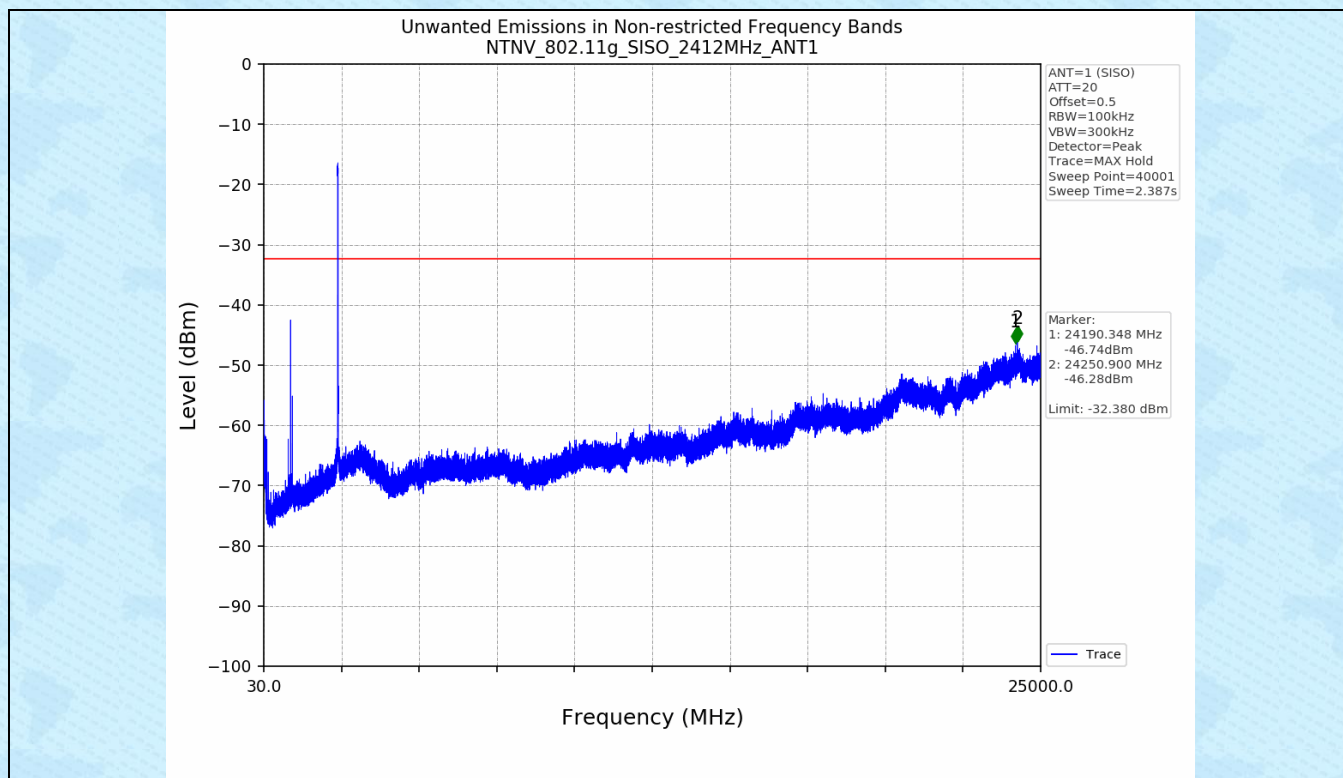
4.2 Test Graph

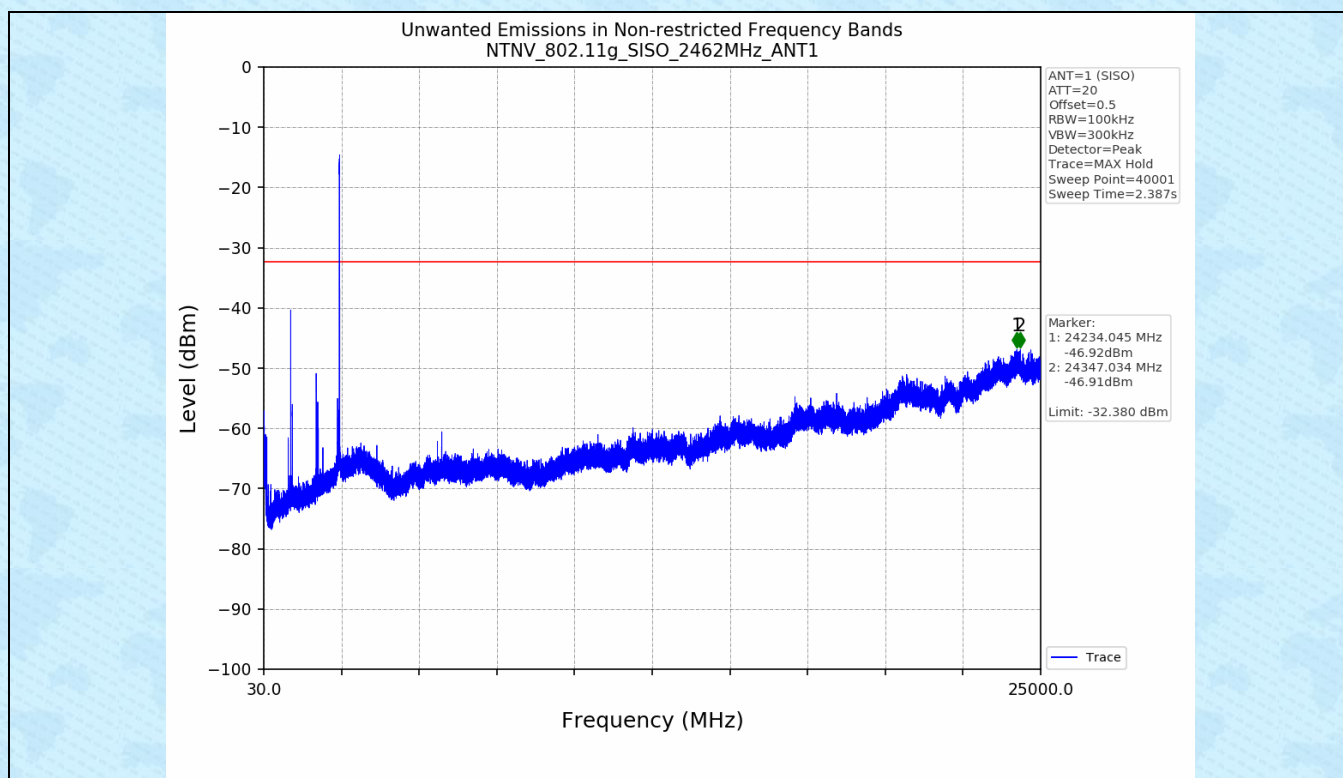
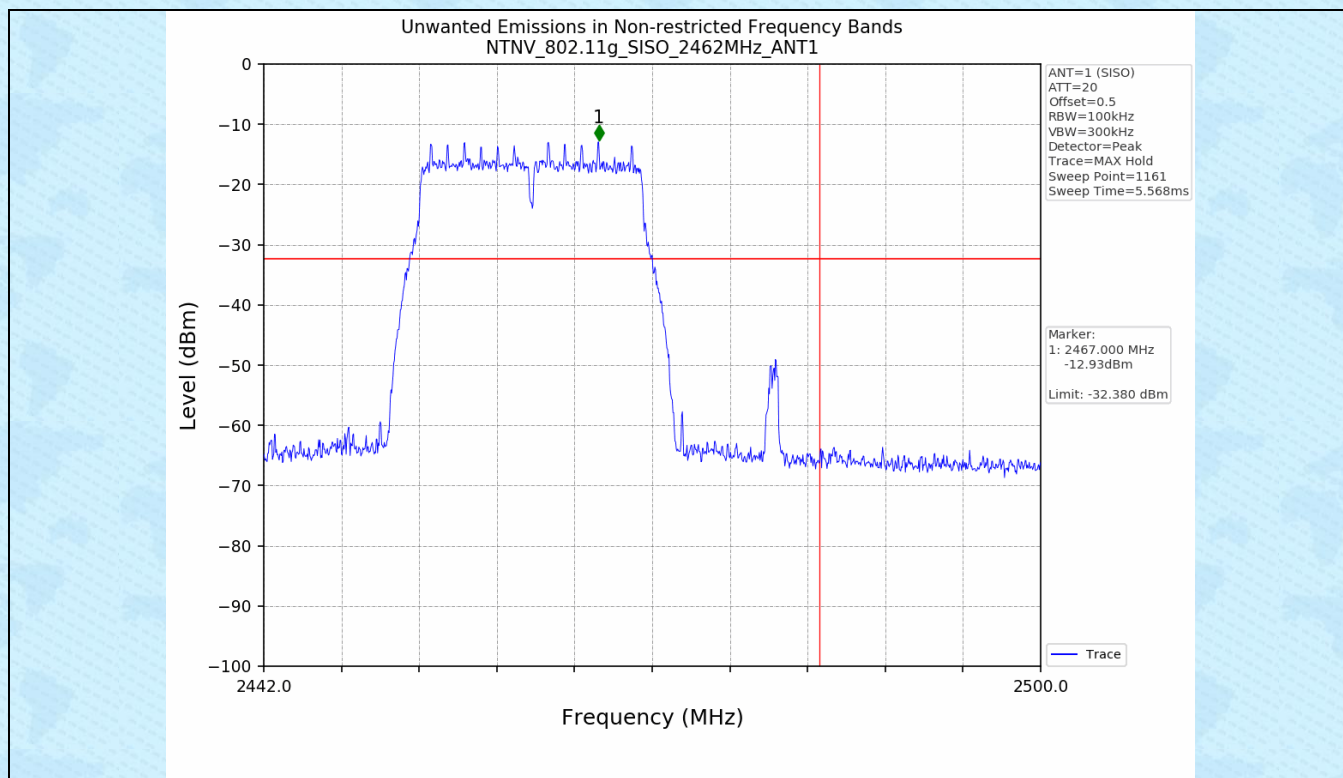


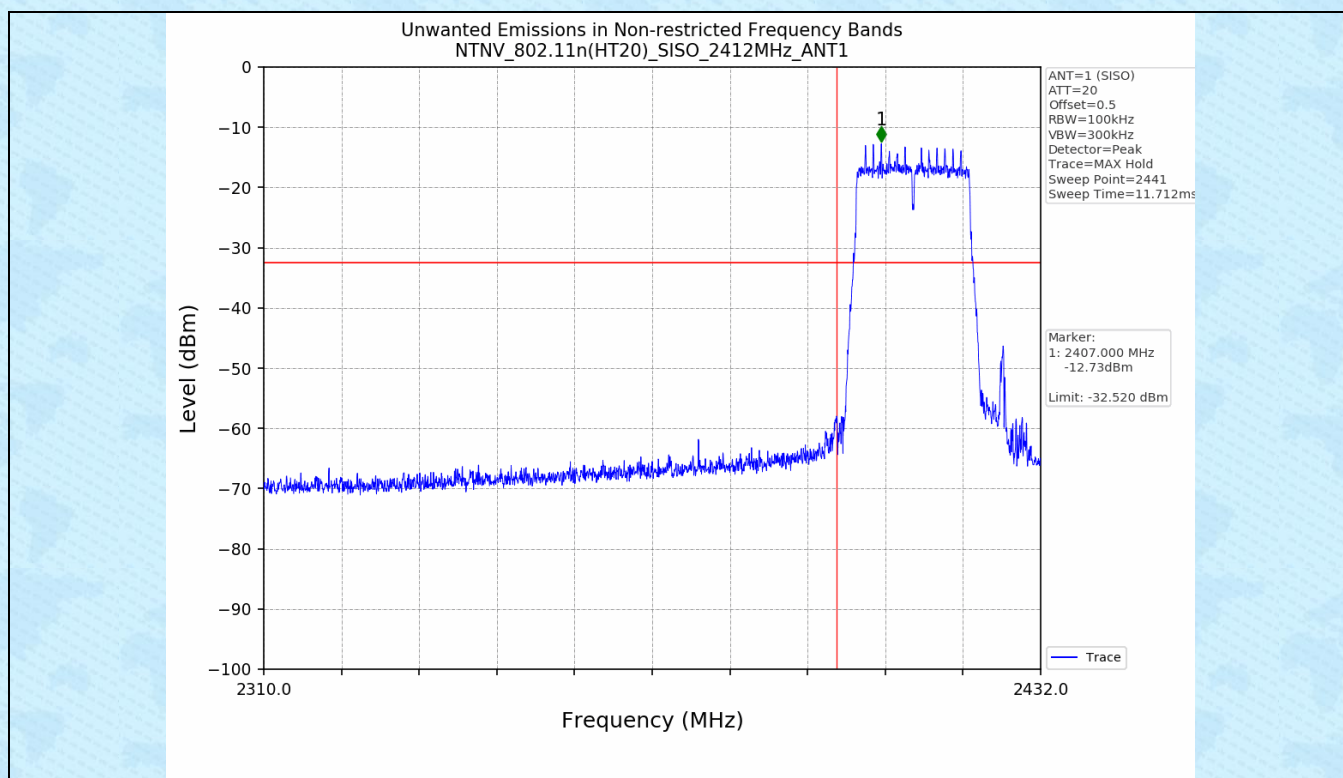
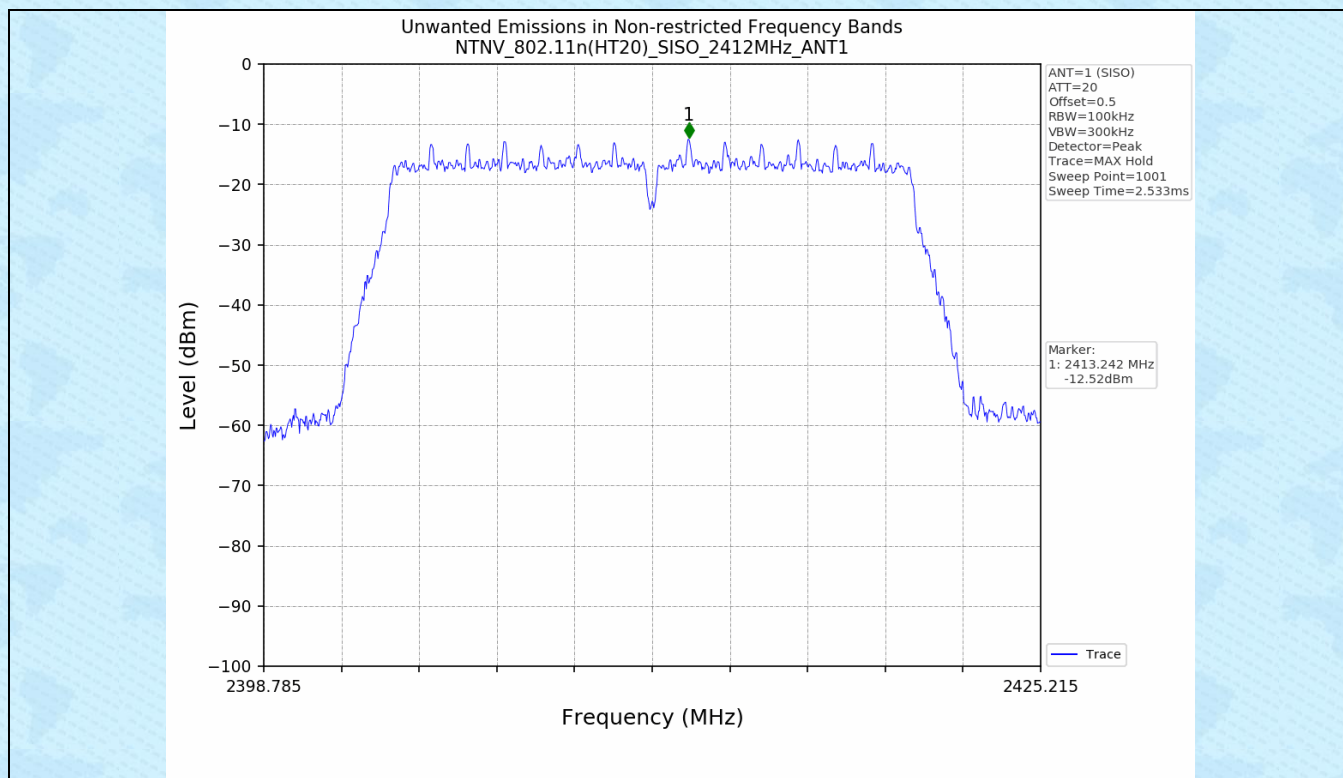


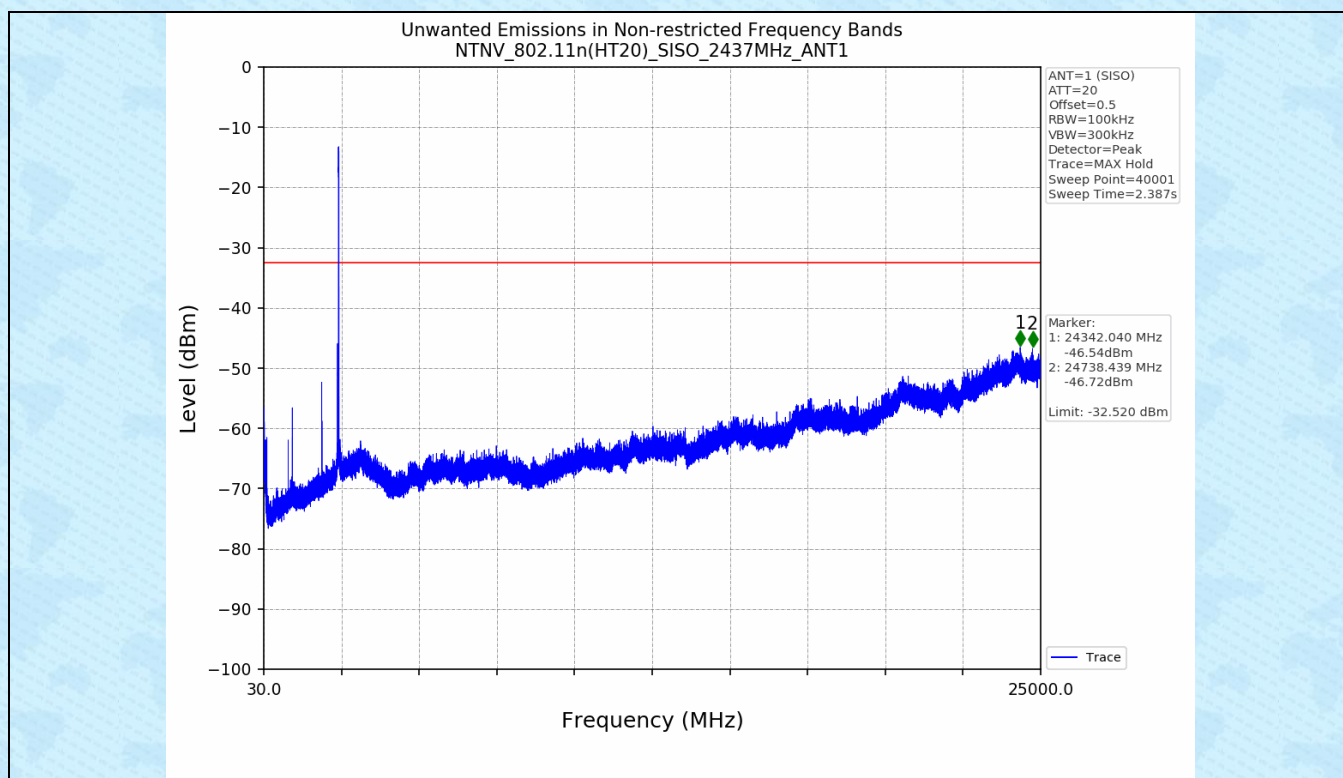
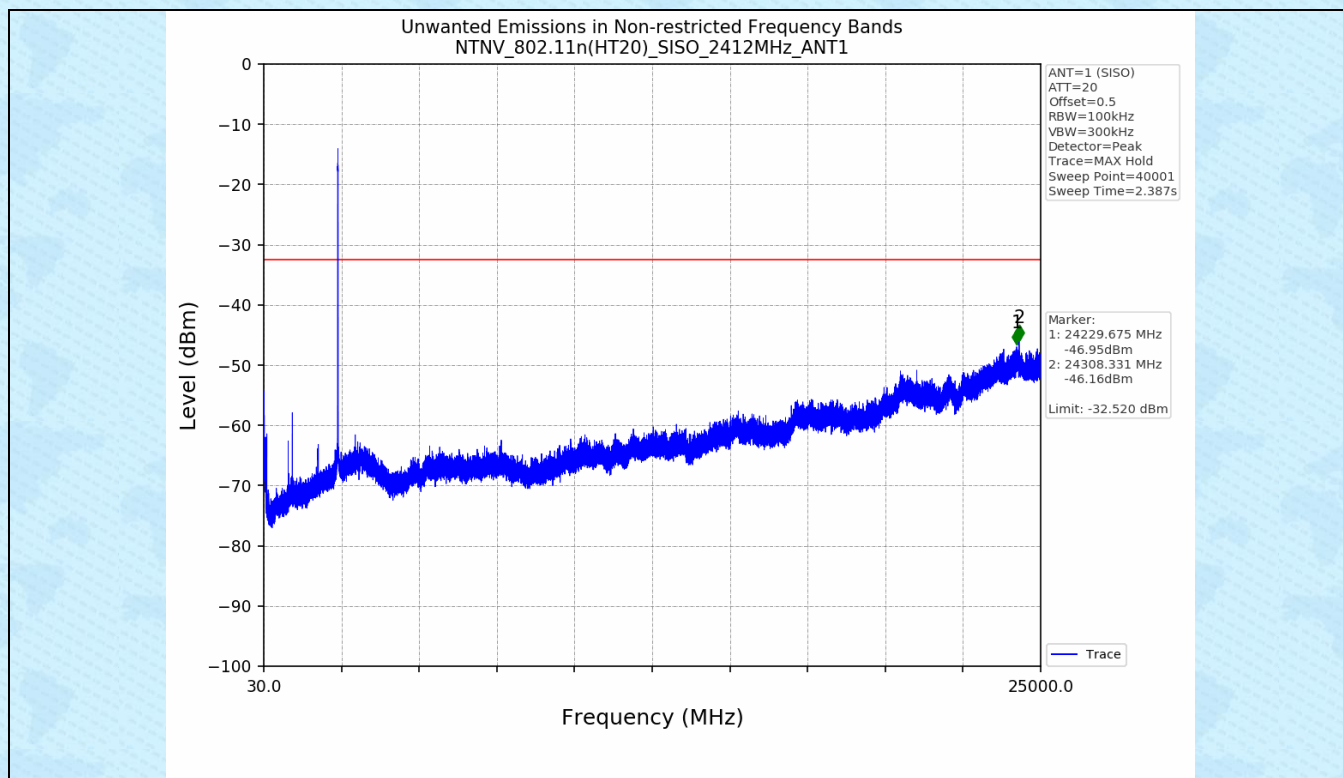


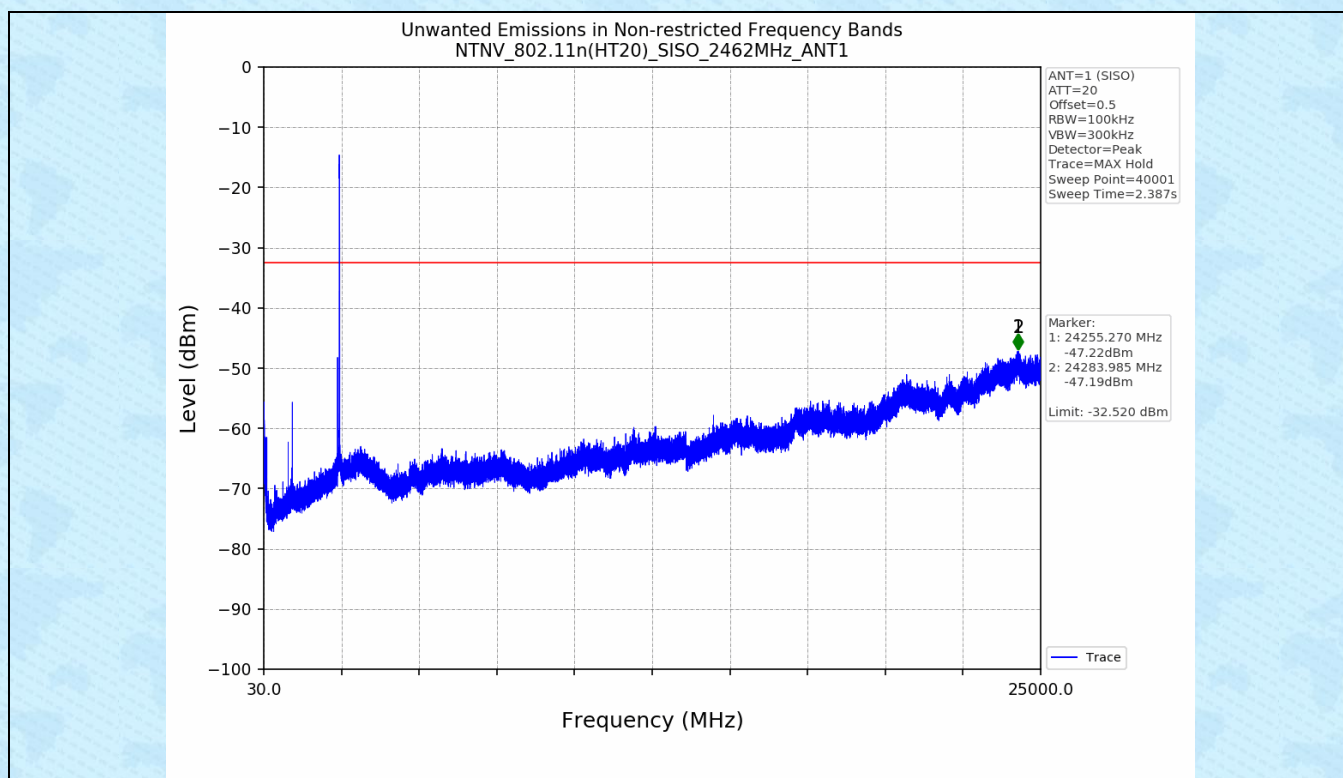
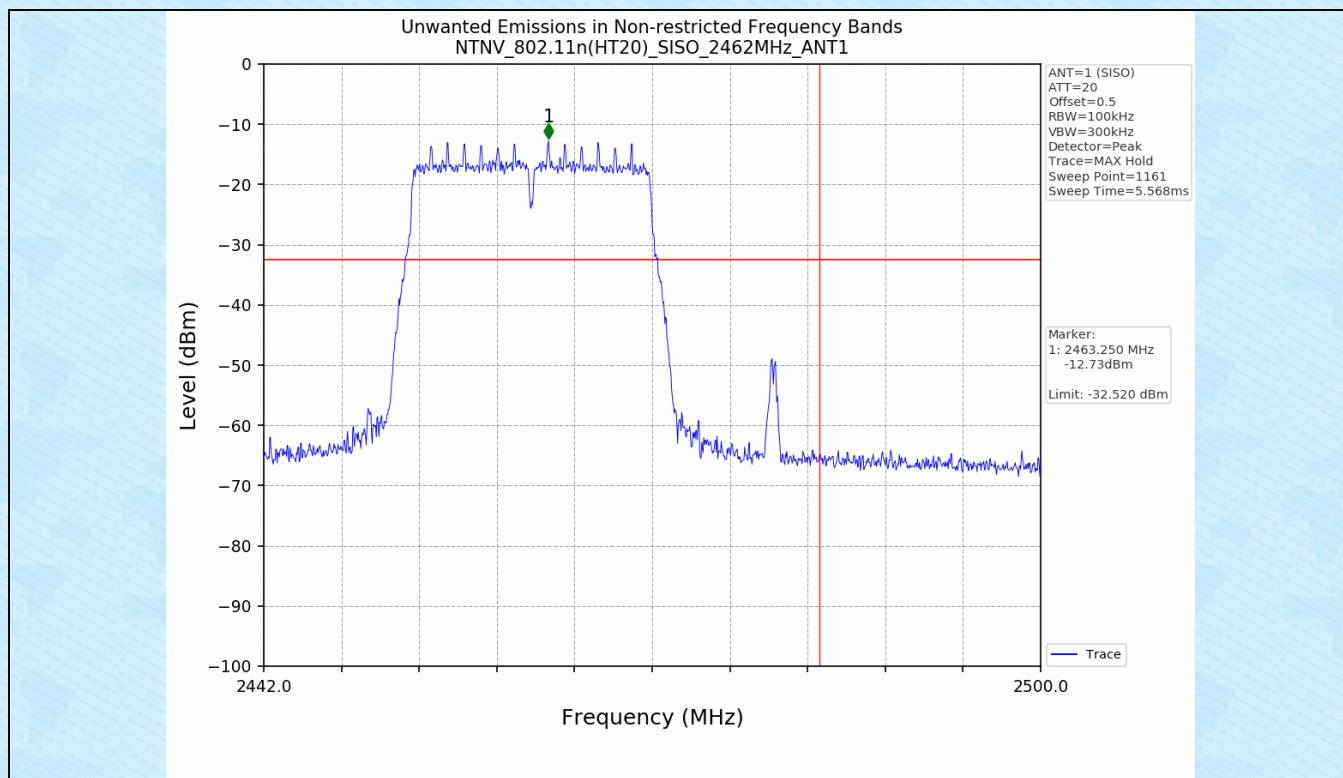


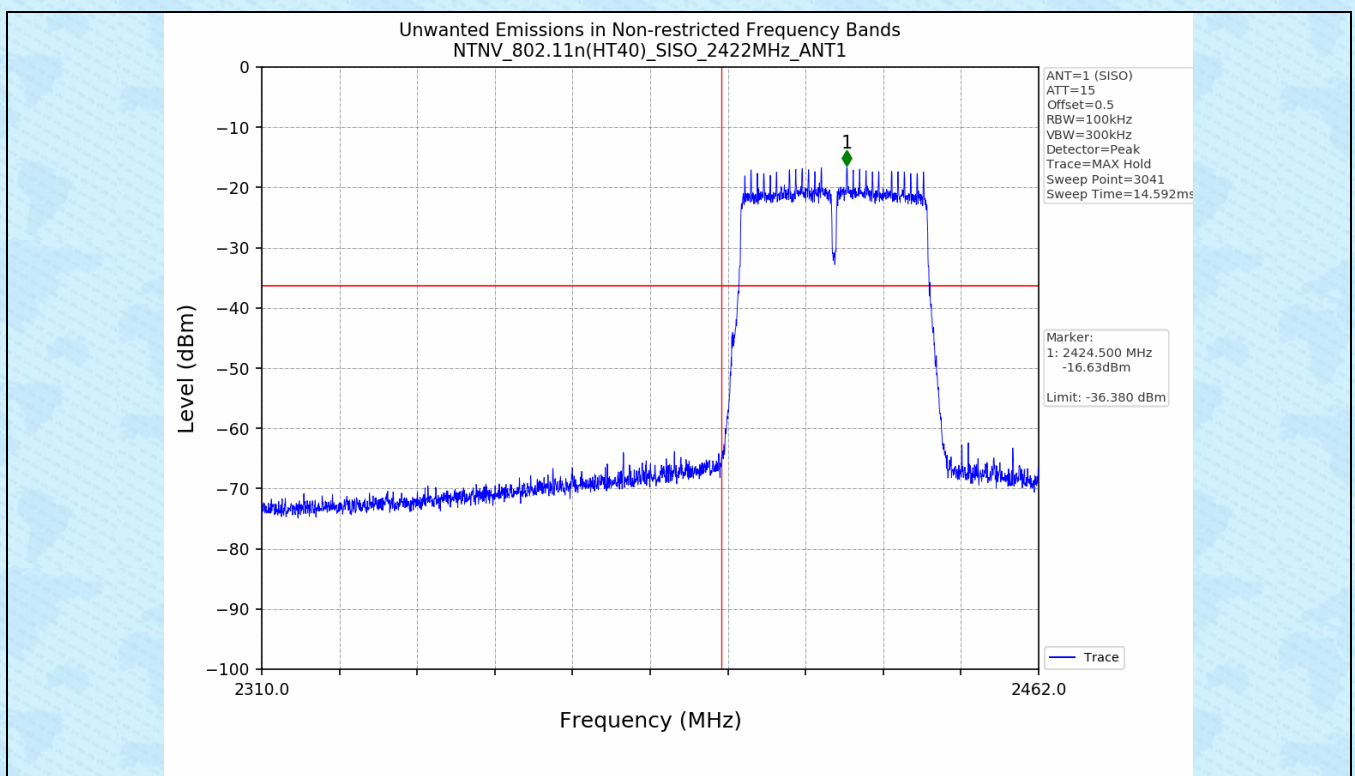
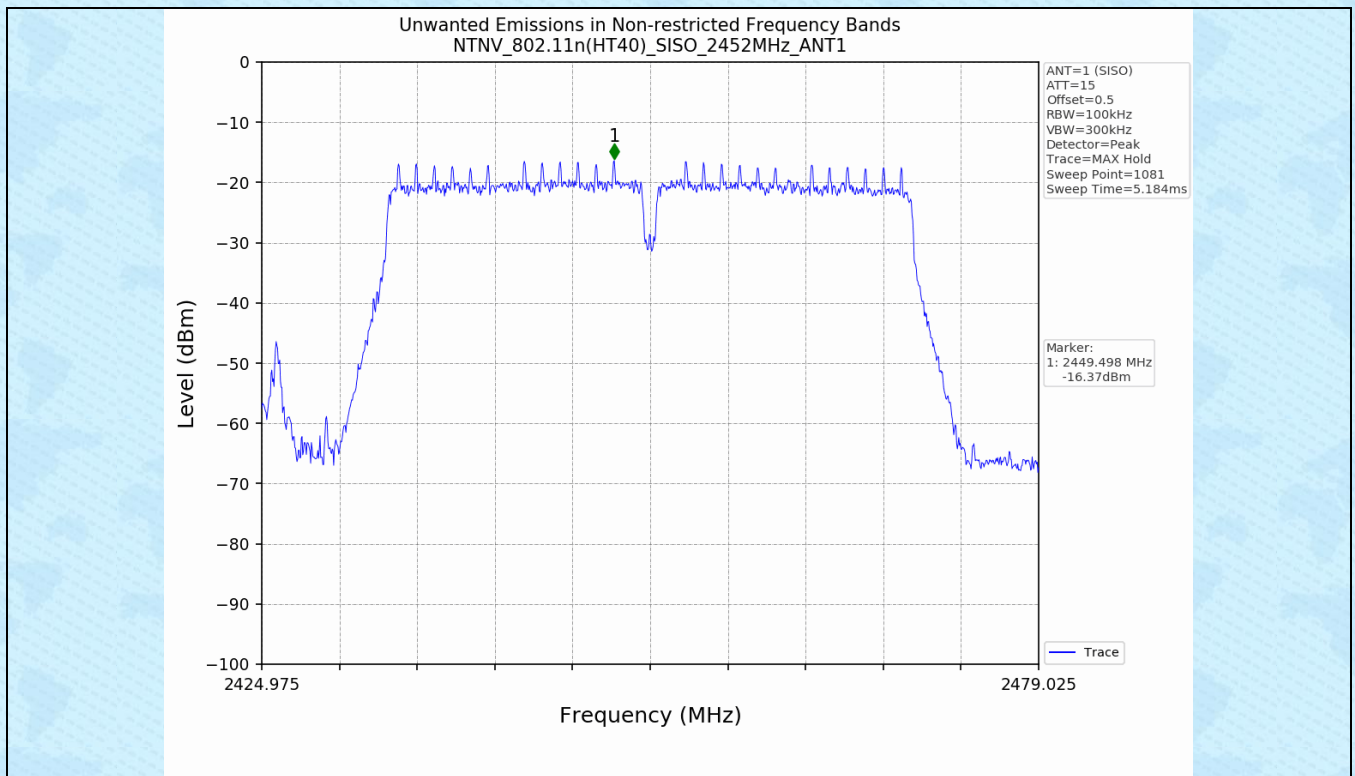


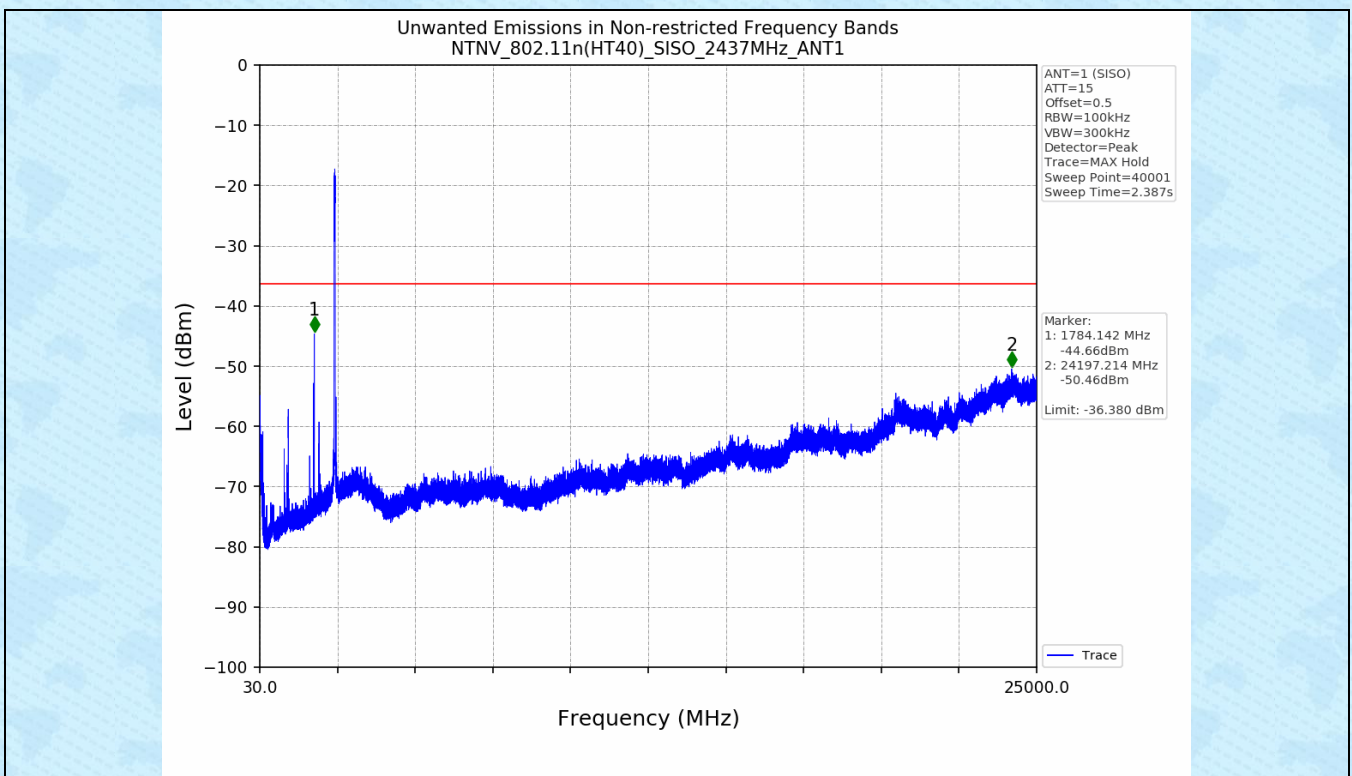
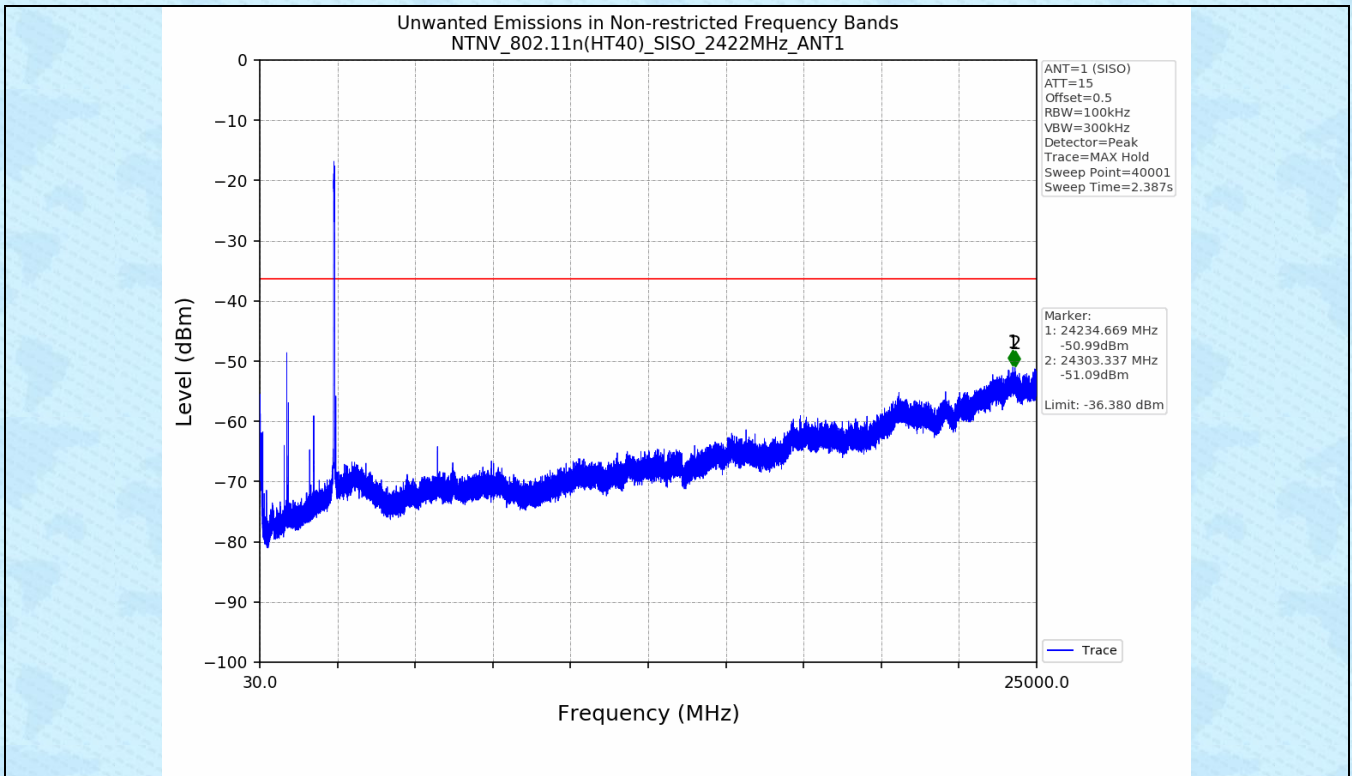


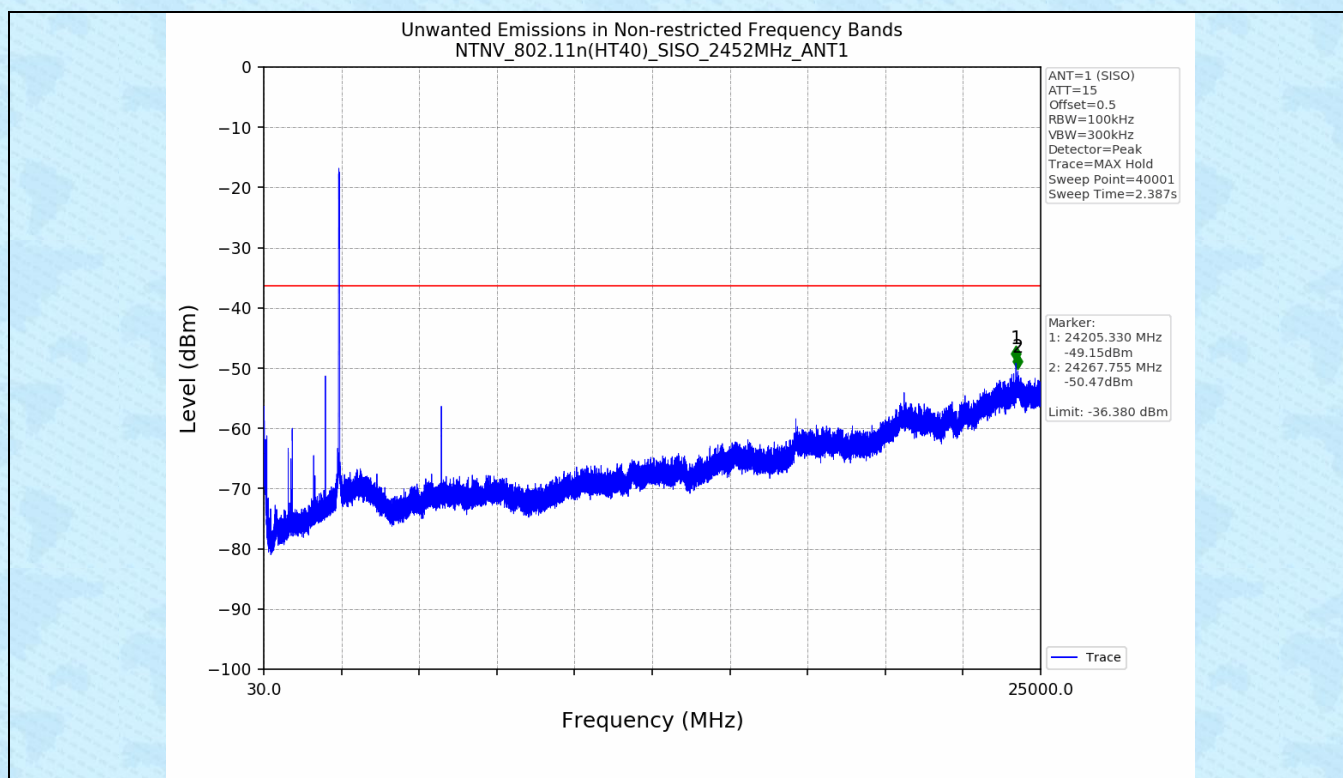
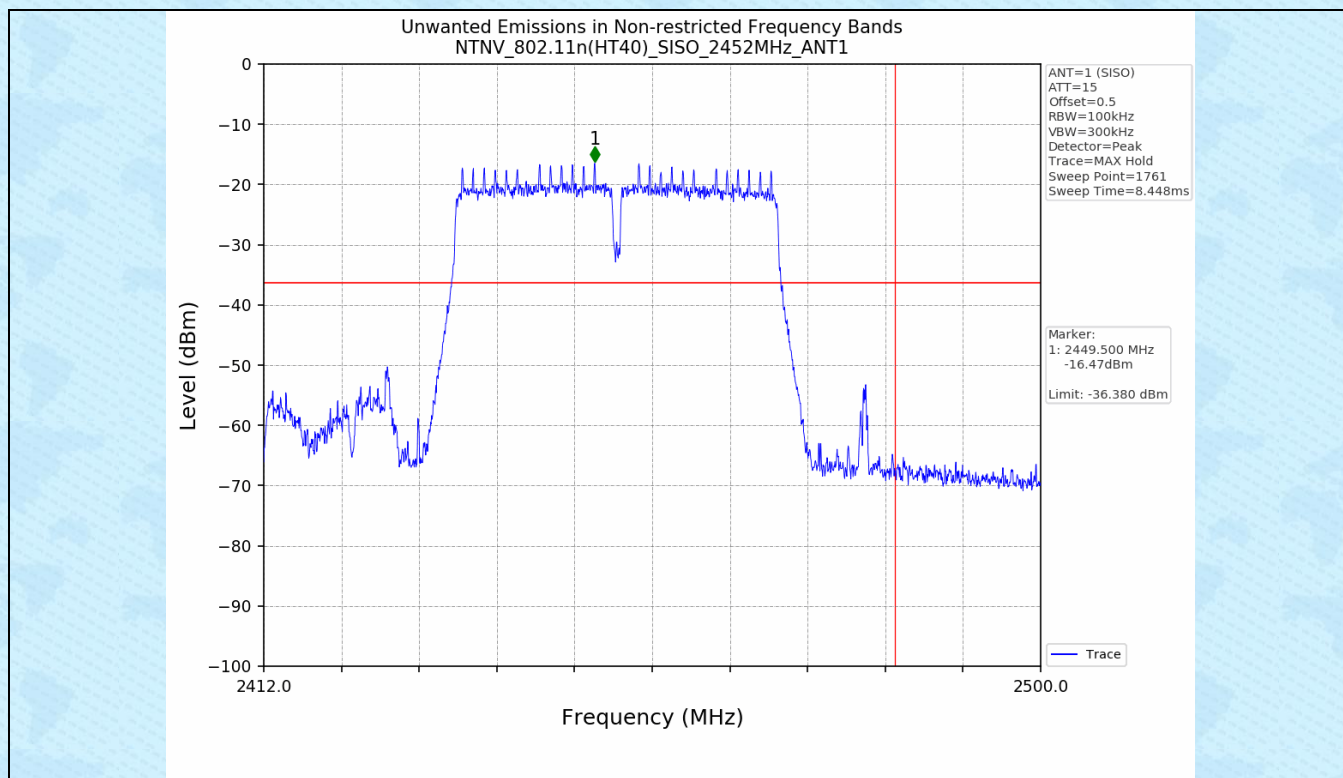












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