

Appendix for 15.247

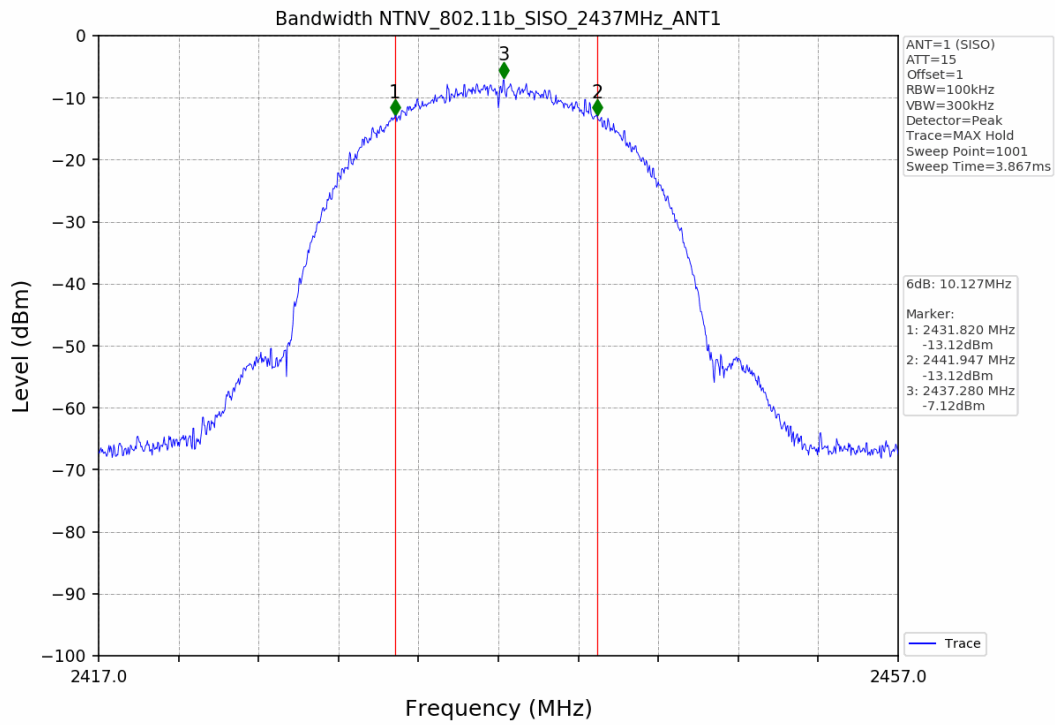
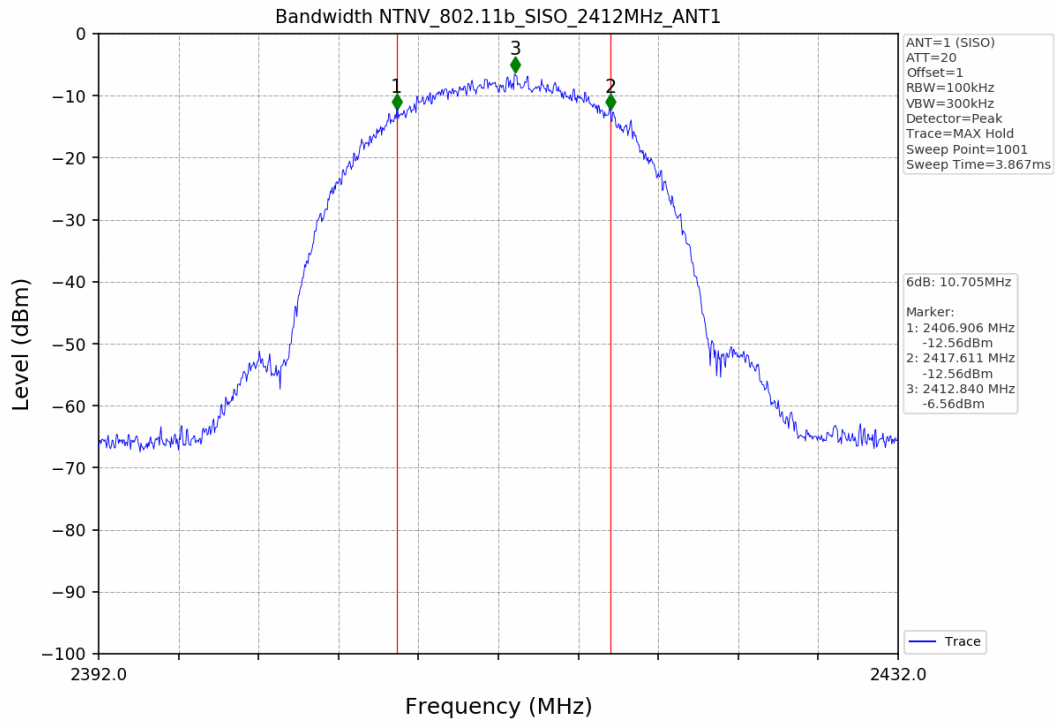
1. Bandwidth

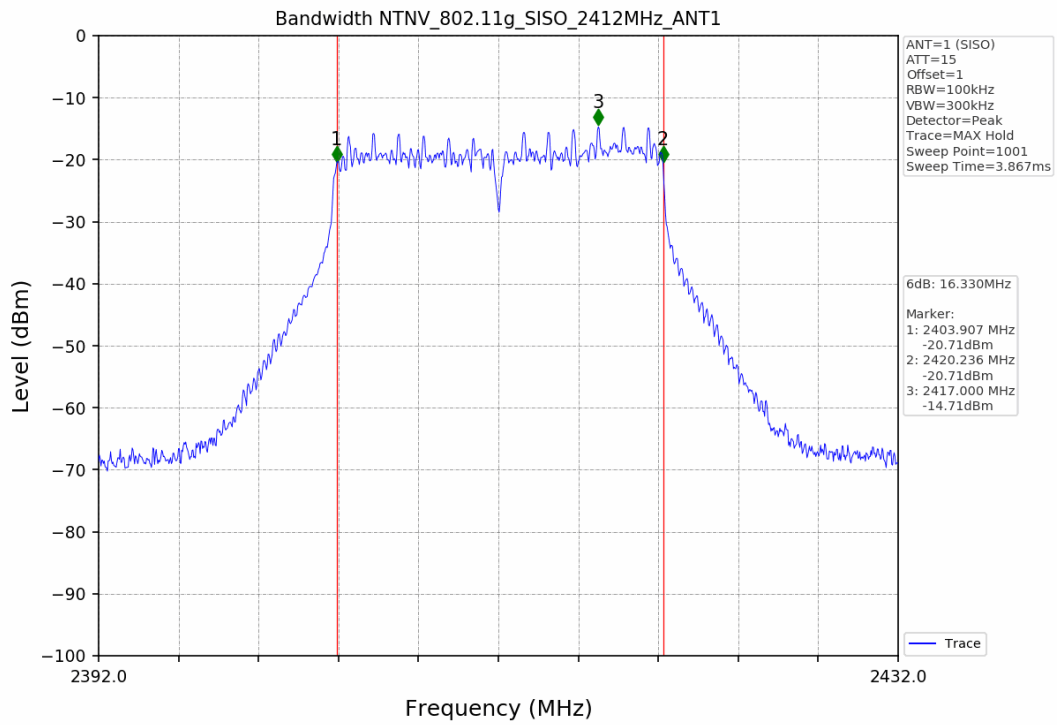
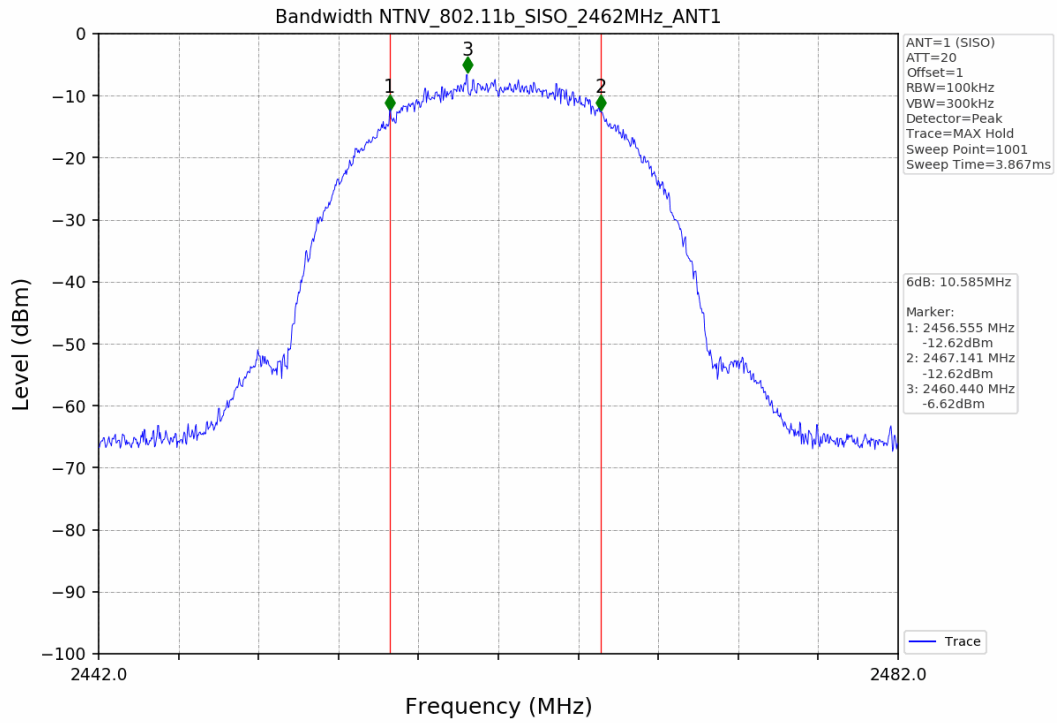
1.1 Test Result

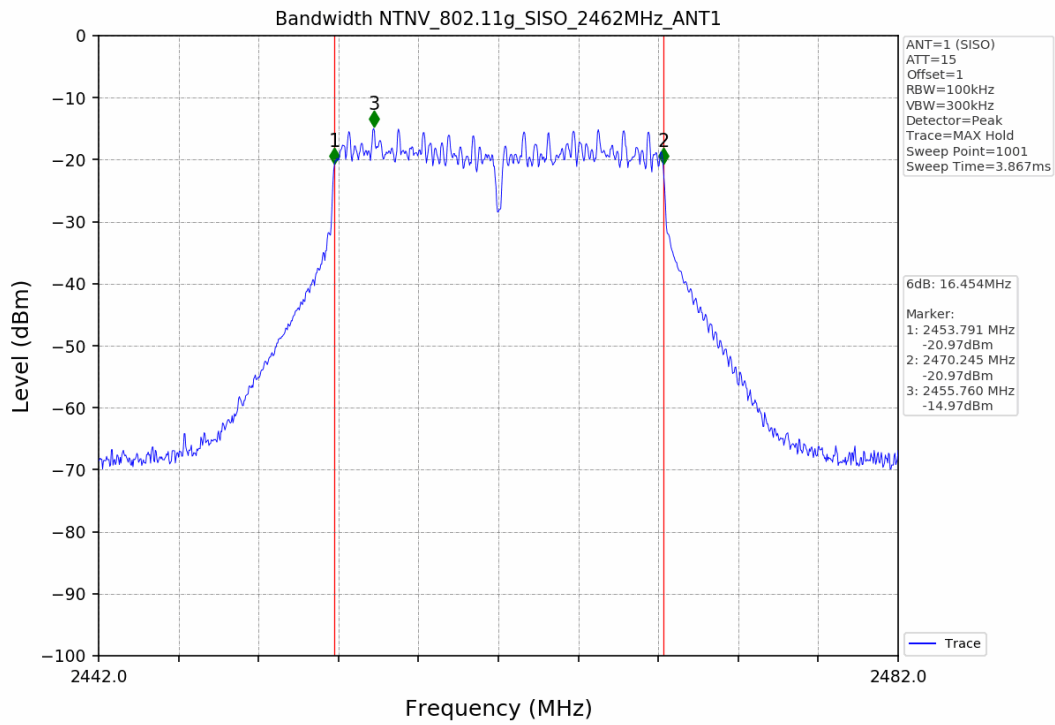
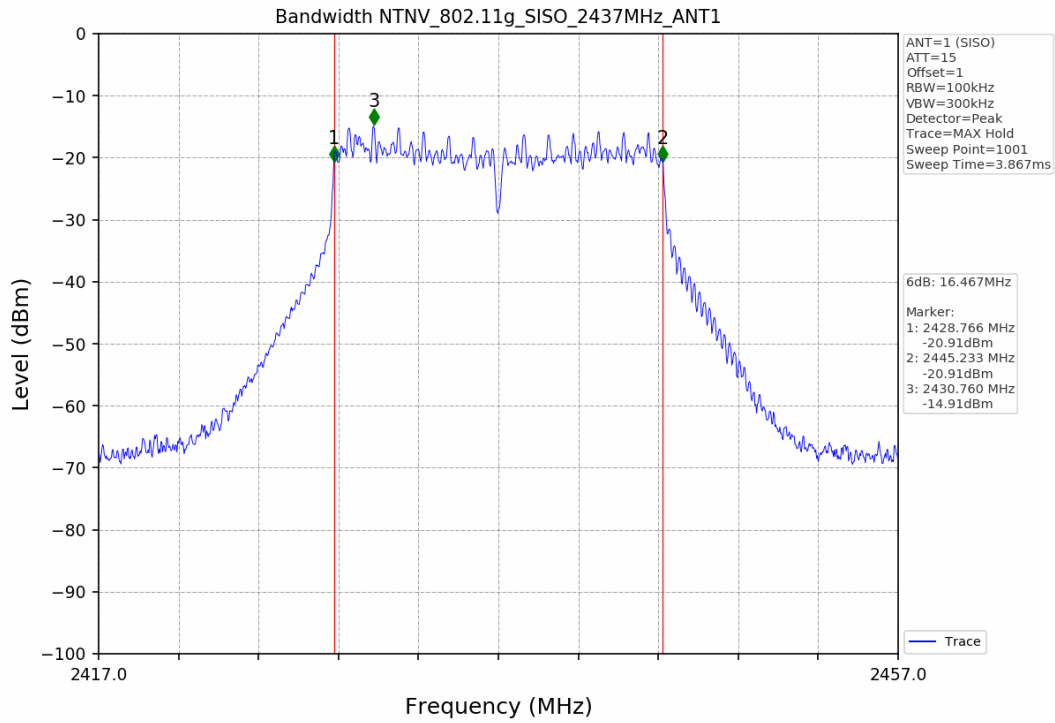
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth	Verdict
				Test Result (MHz)	
802.11b	2412	SISO	1	10.705	PASS
	2437	SISO	1	10.127	PASS
	2462	SISO	1	10.585	PASS
802.11g	2412	SISO	1	16.330	PASS
	2437	SISO	1	16.467	PASS
	2462	SISO	1	16.454	PASS
802.11n(HT20)	2412	SISO	1	17.601	PASS
	2437	SISO	1	17.579	PASS
	2462	SISO	1	17.594	PASS
802.11n(HT40)	2422	SISO	1	35.526	PASS
	2437	SISO	1	35.913	PASS
	2452	SISO	1	36.405	PASS

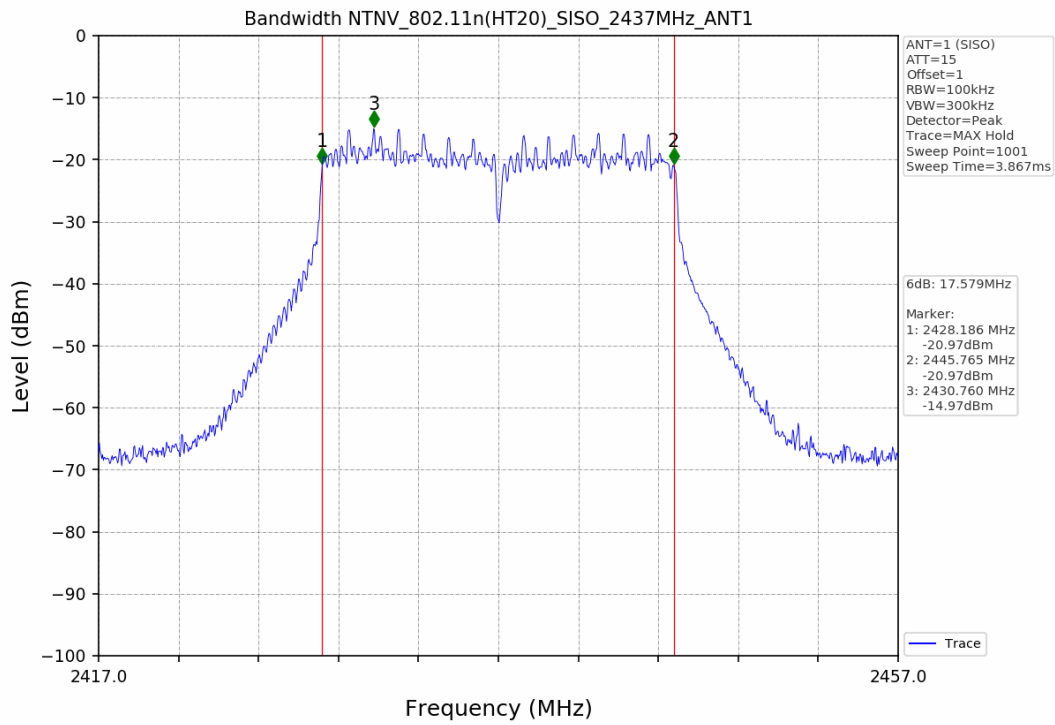
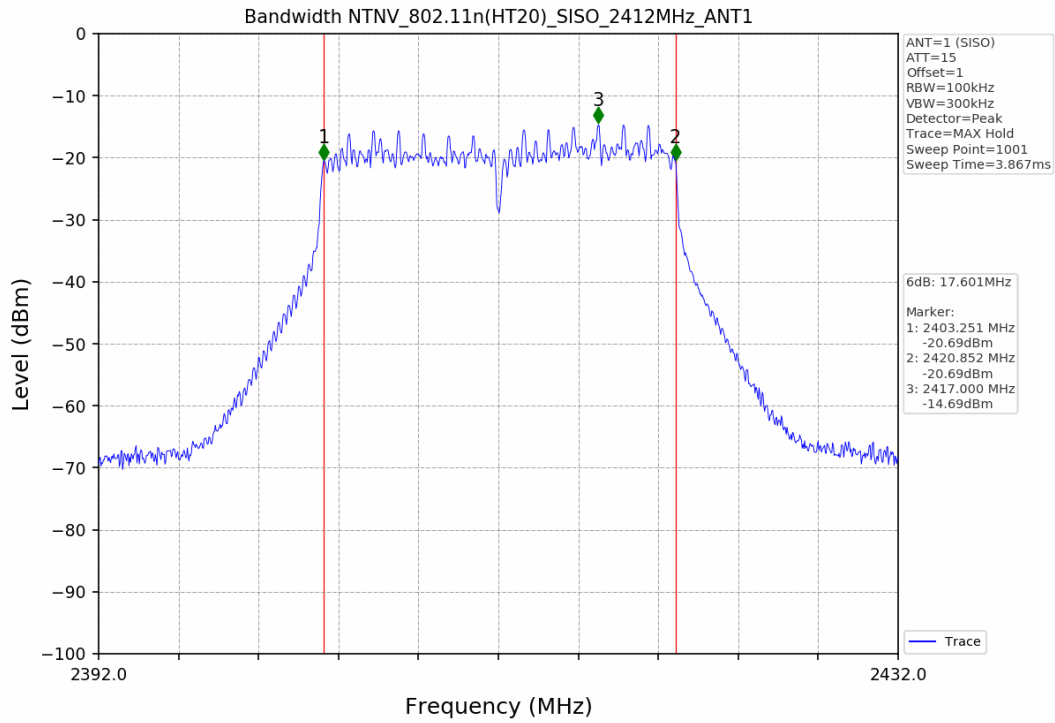
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	14.889	Only for Report Use
	2437	SISO	1	15.066	Only for Report Use
	2462	SISO	1	14.811	Only for Report Use
802.11g	2412	SISO	1	16.732	Only for Report Use
	2437	SISO	1	16.712	Only for Report Use
	2462	SISO	1	16.743	Only for Report Use
802.11n(HT20)	2412	SISO	1	17.856	Only for Report Use
	2437	SISO	1	17.900	Only for Report Use
	2462	SISO	1	17.825	Only for Report Use
802.11n(HT40)	2422	SISO	1	36.026	Only for Report Use
	2437	SISO	1	37.210	Only for Report Use
	2452	SISO	1	37.106	Only for Report Use

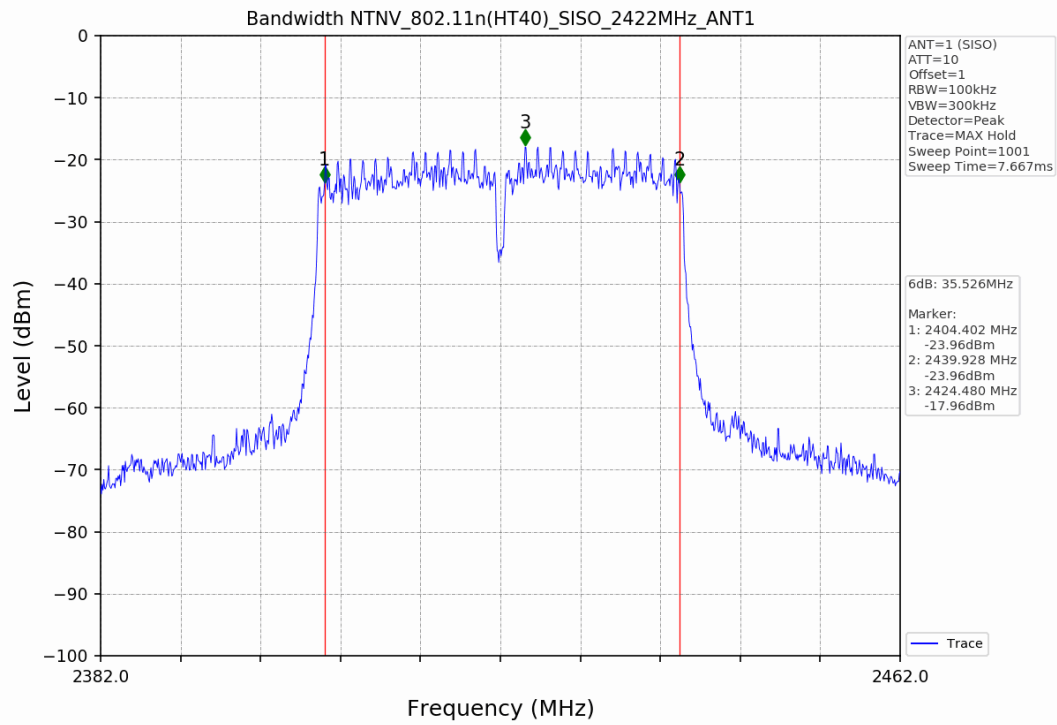
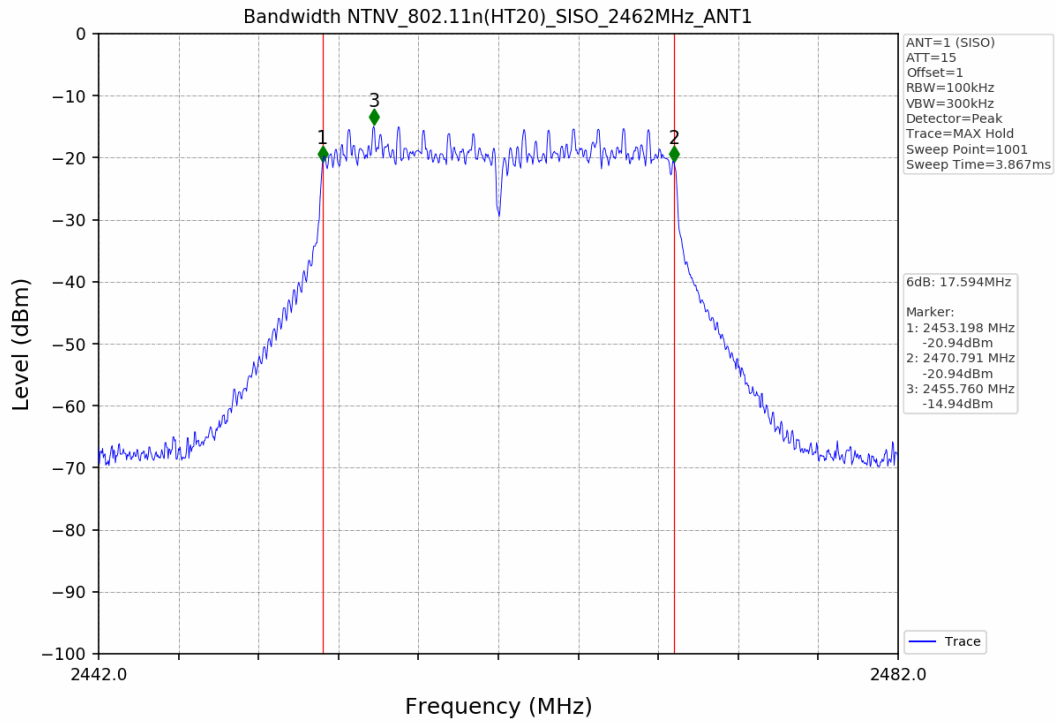
1.2 Test Graph - 6dB Bandwidth

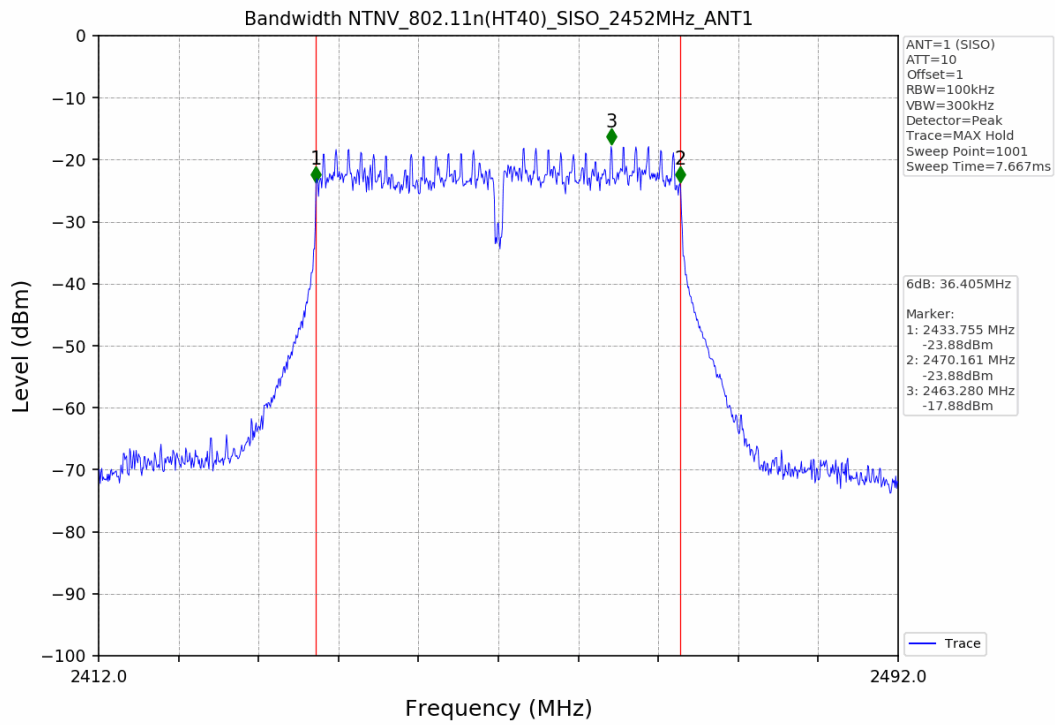
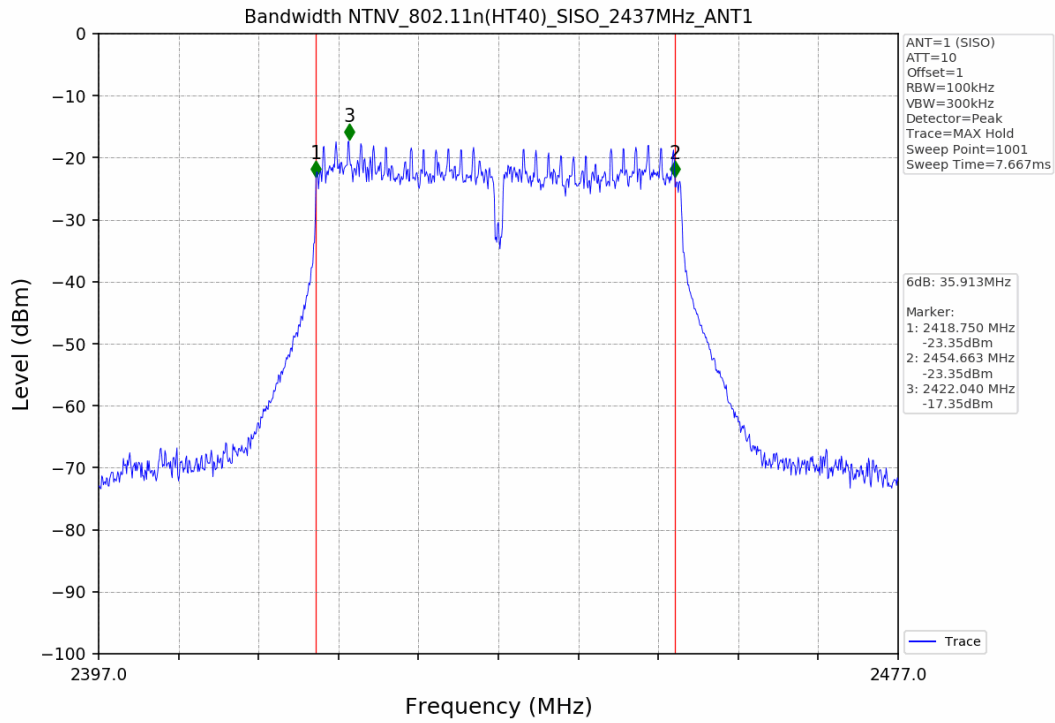




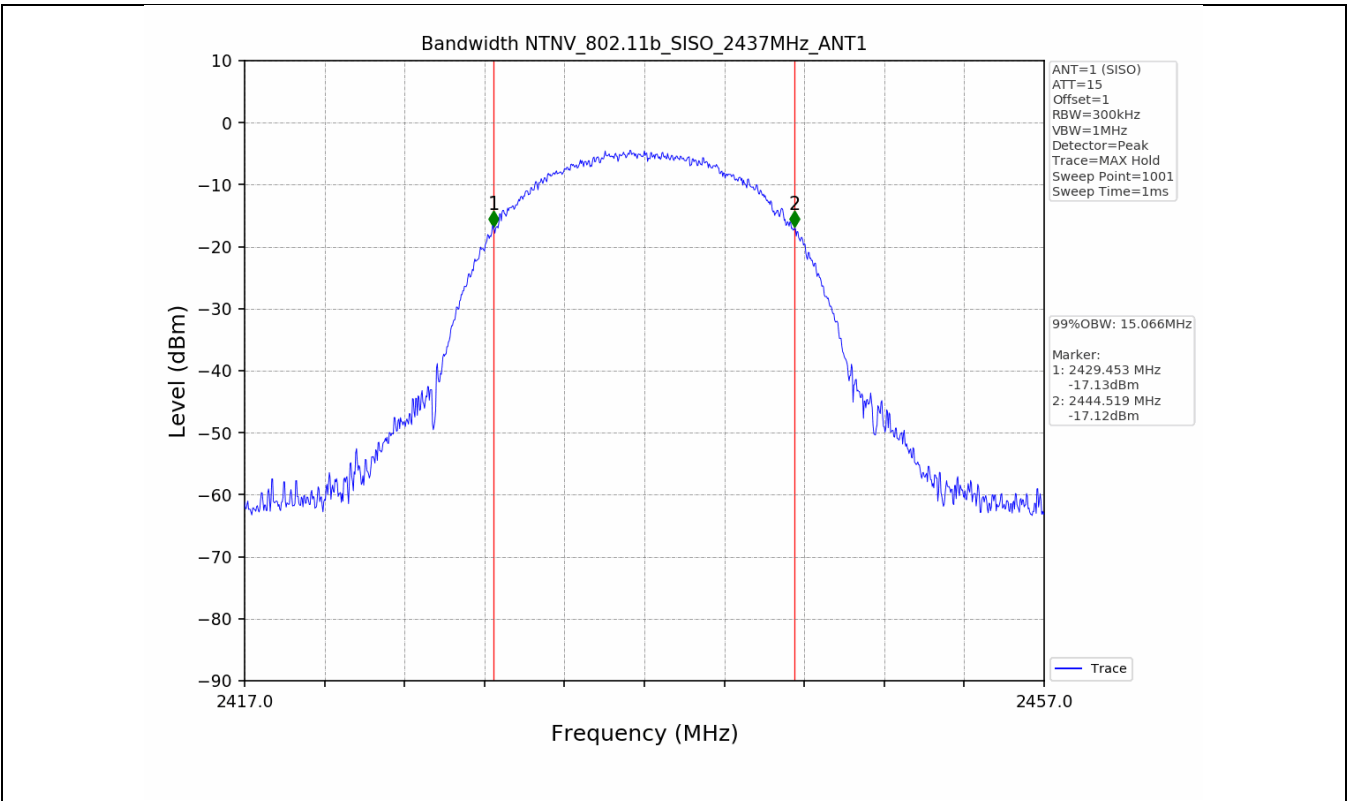
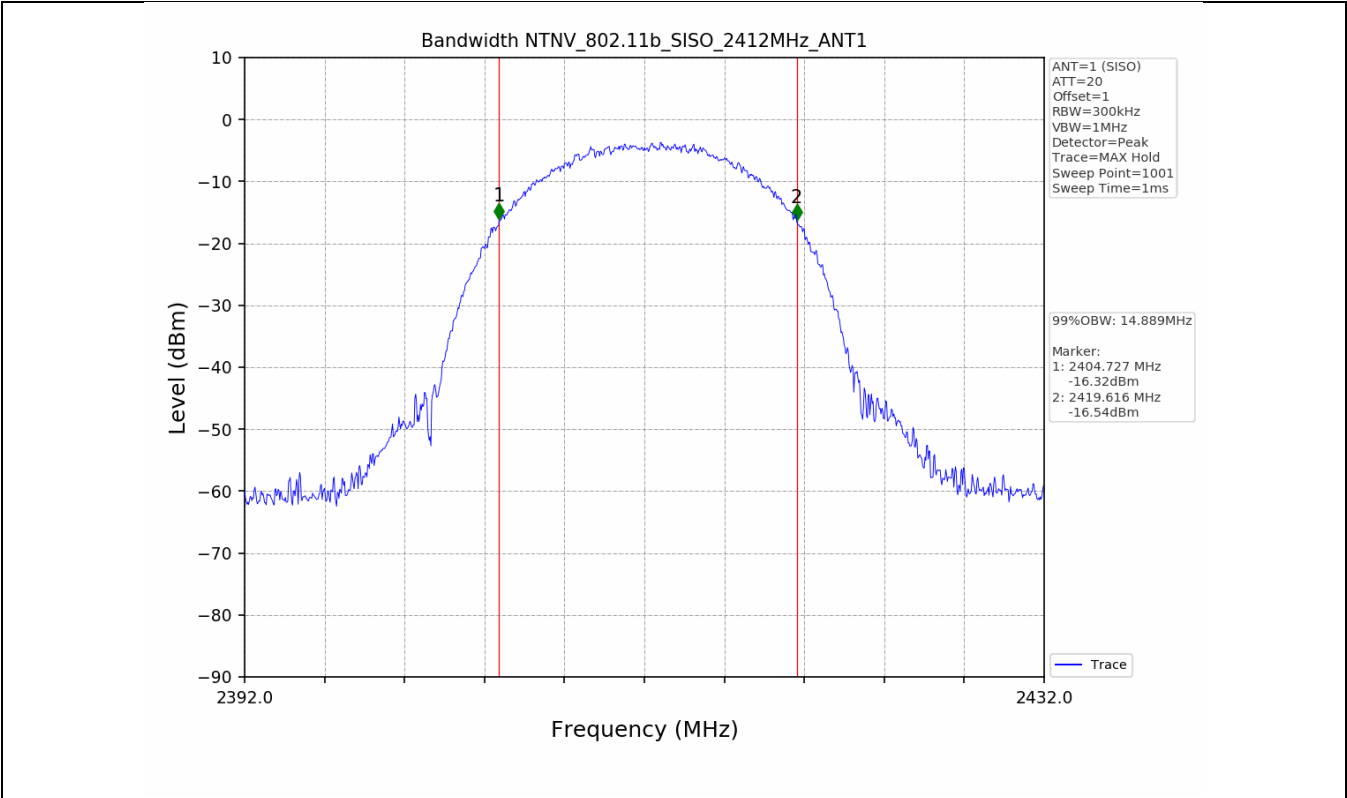


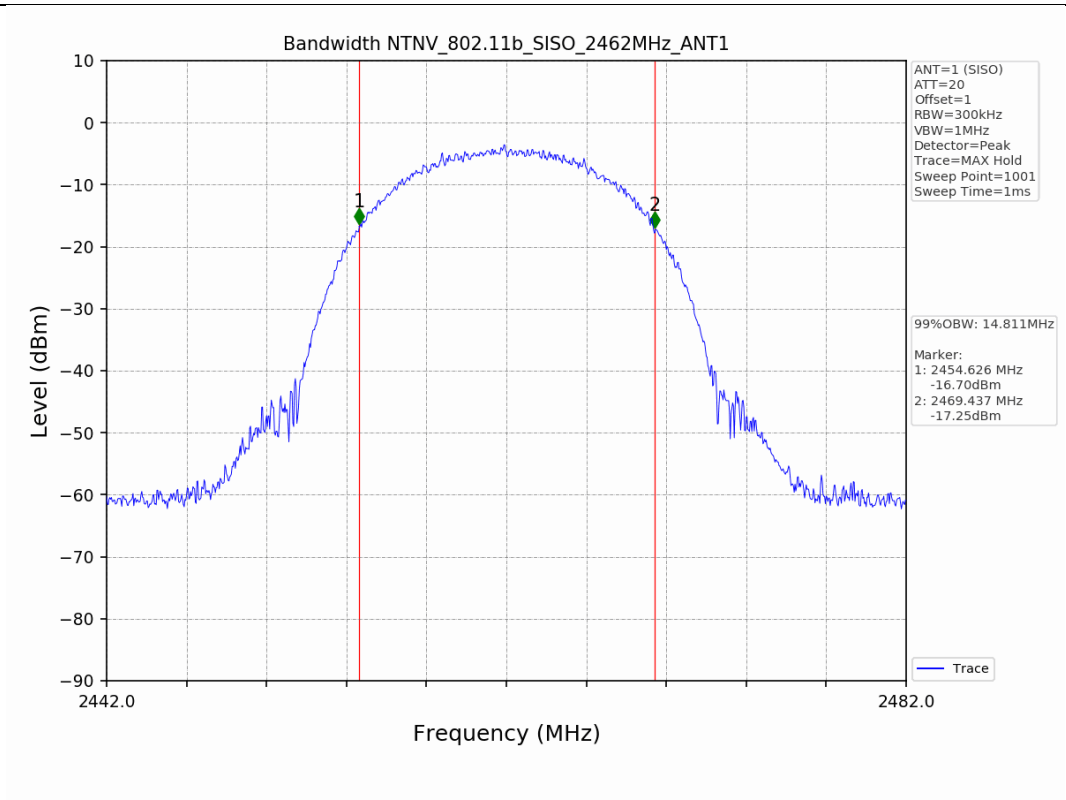


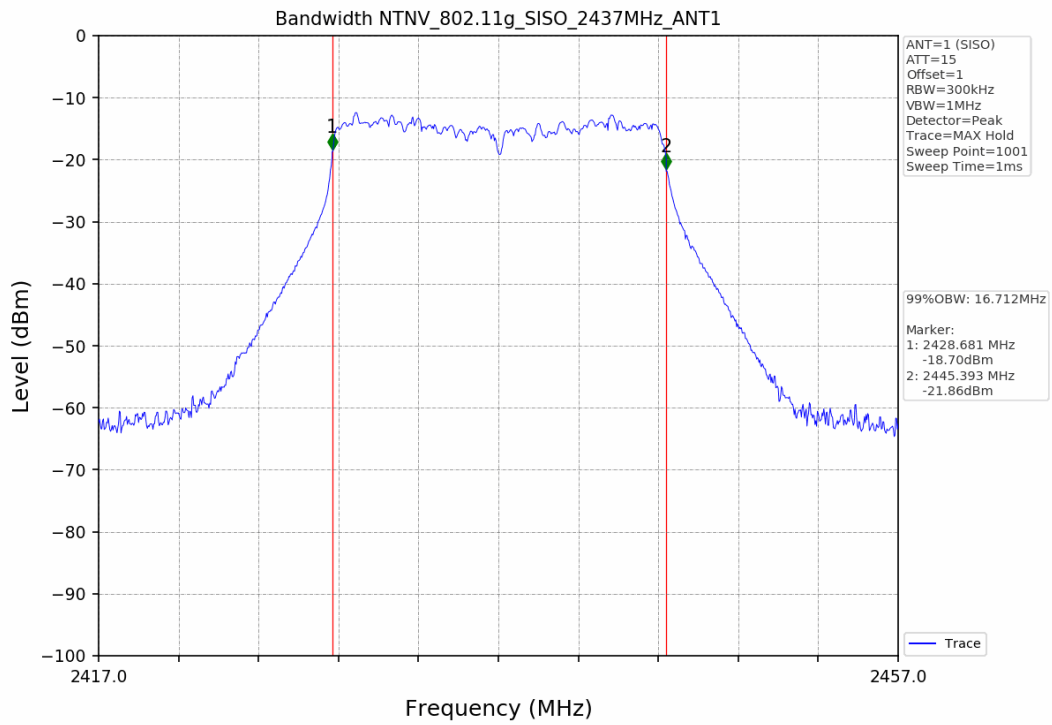
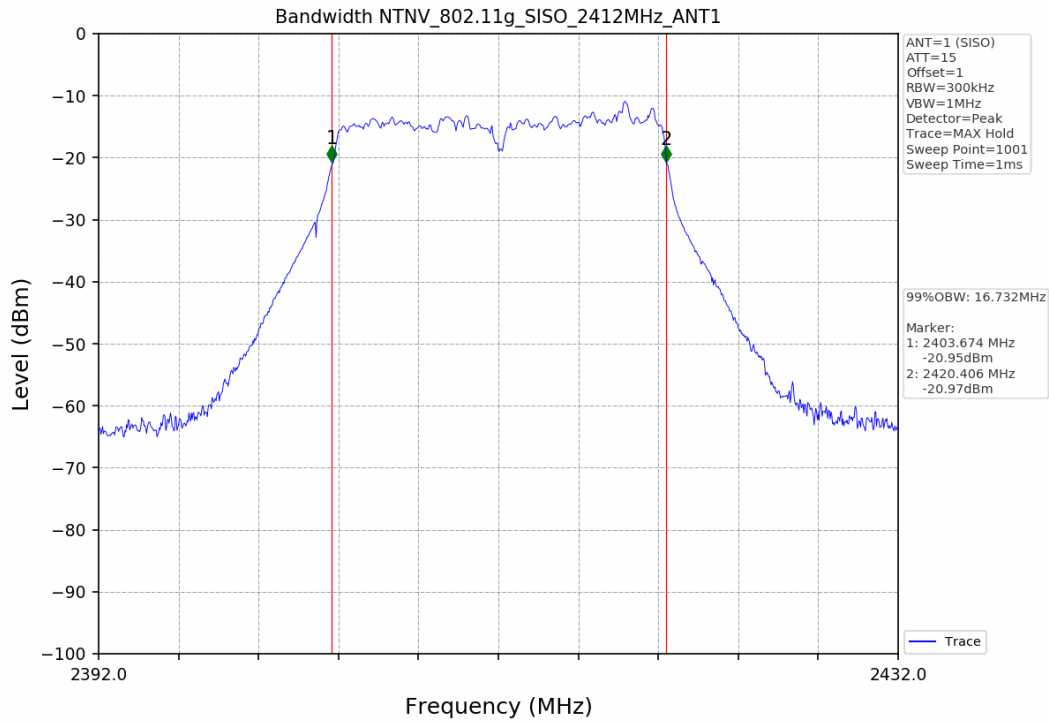


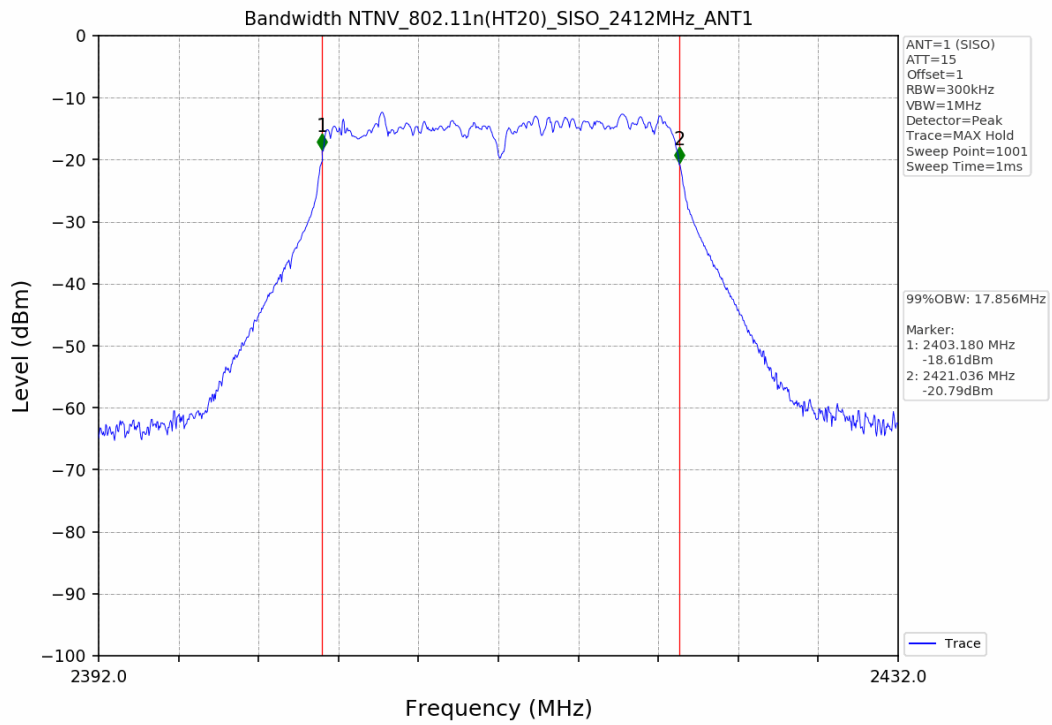
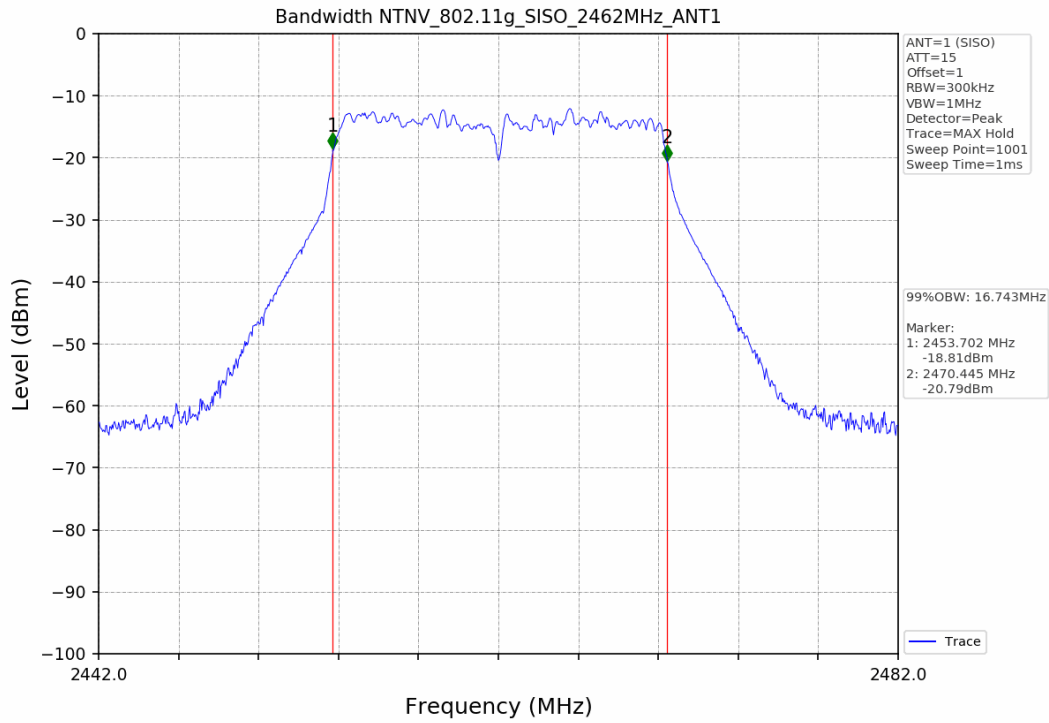


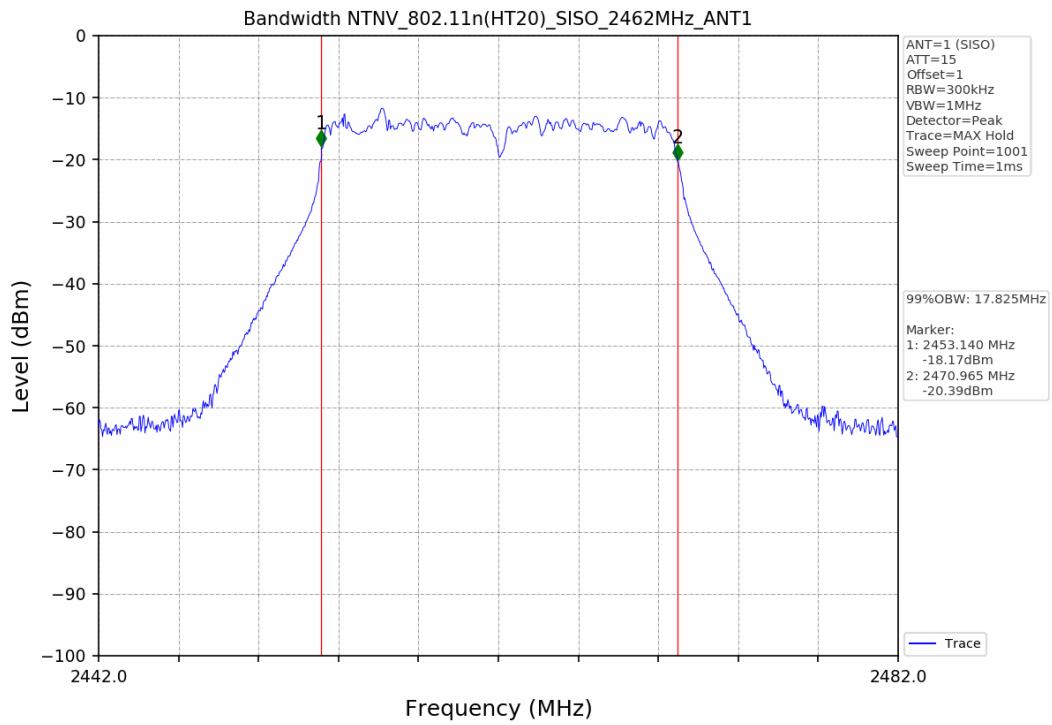
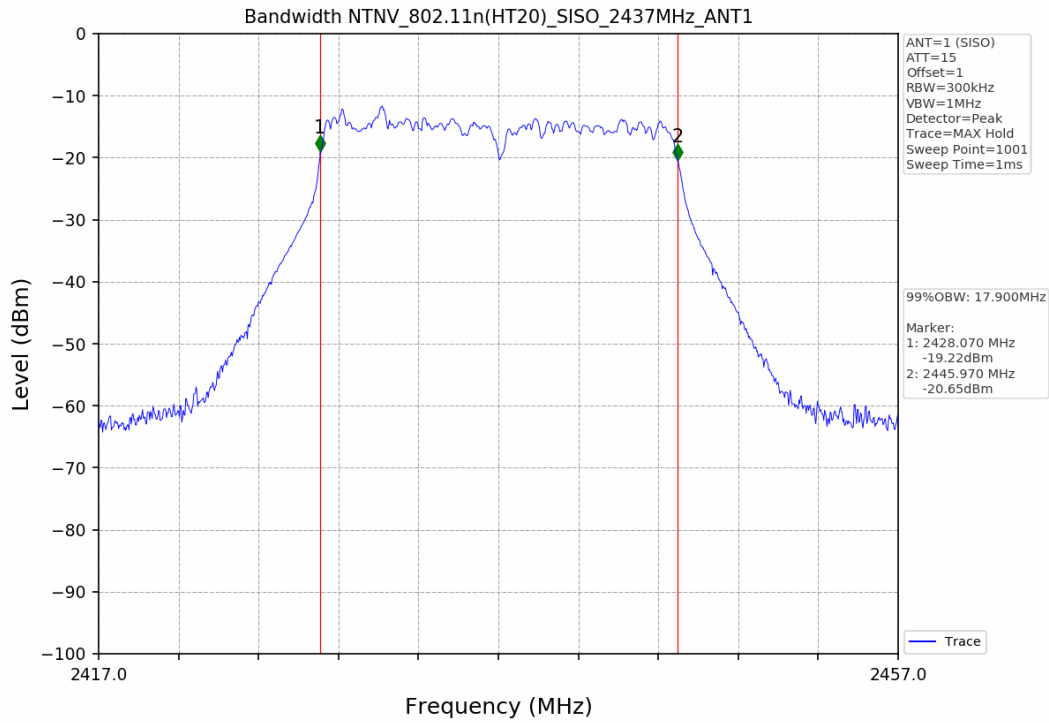
1.3 Test Graph - 99% Occupied Bandwidth

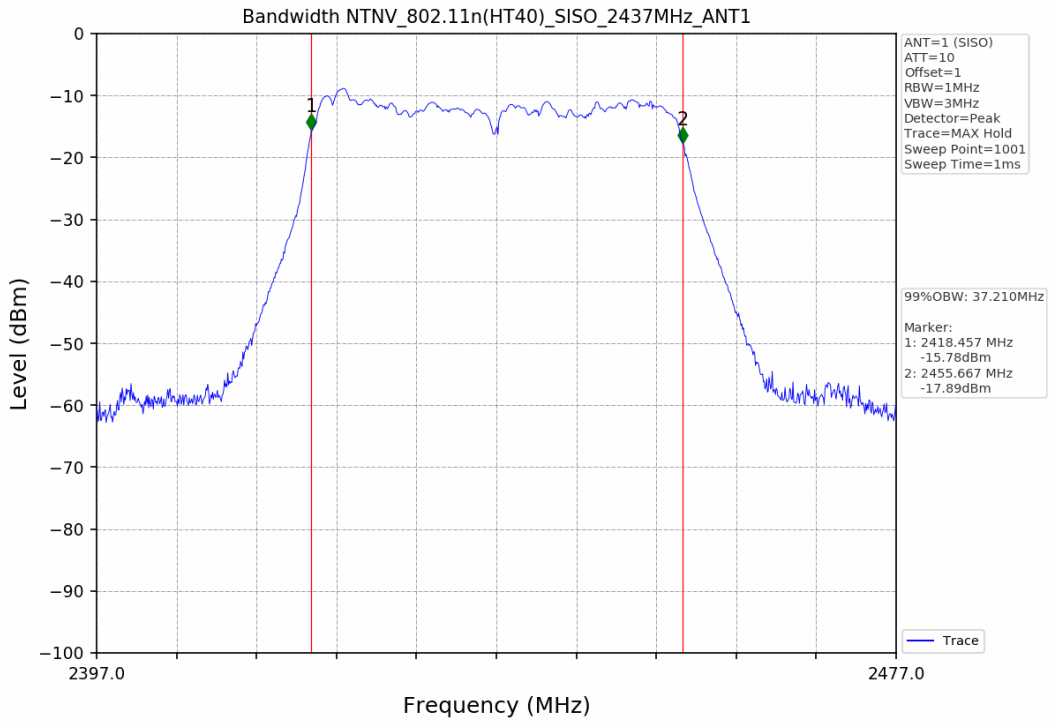
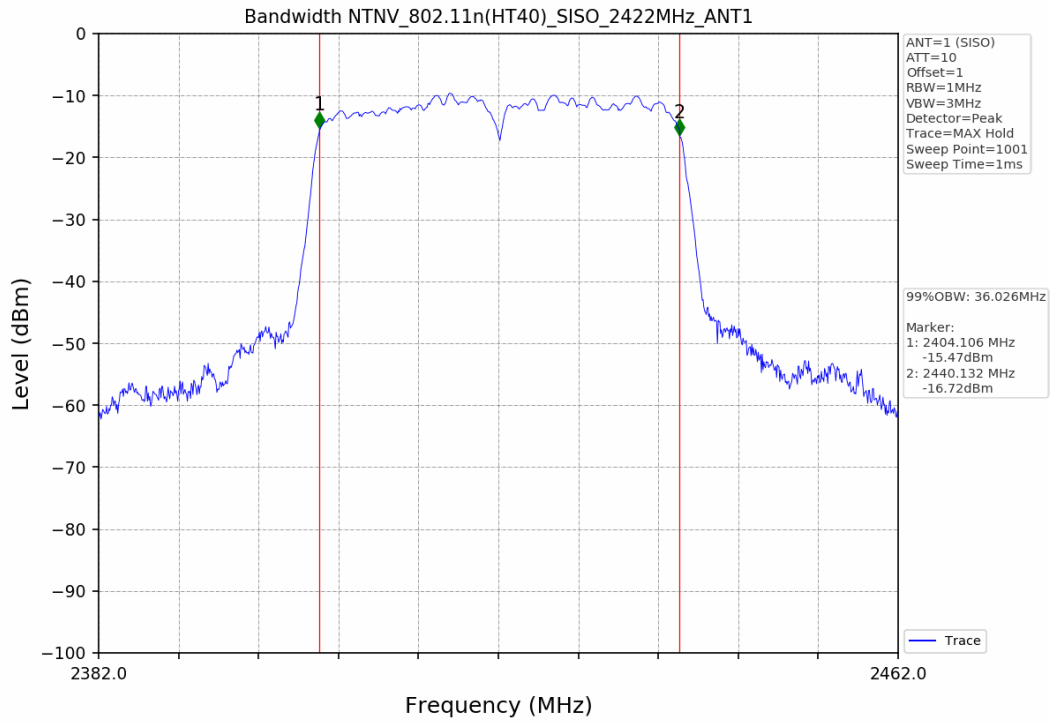


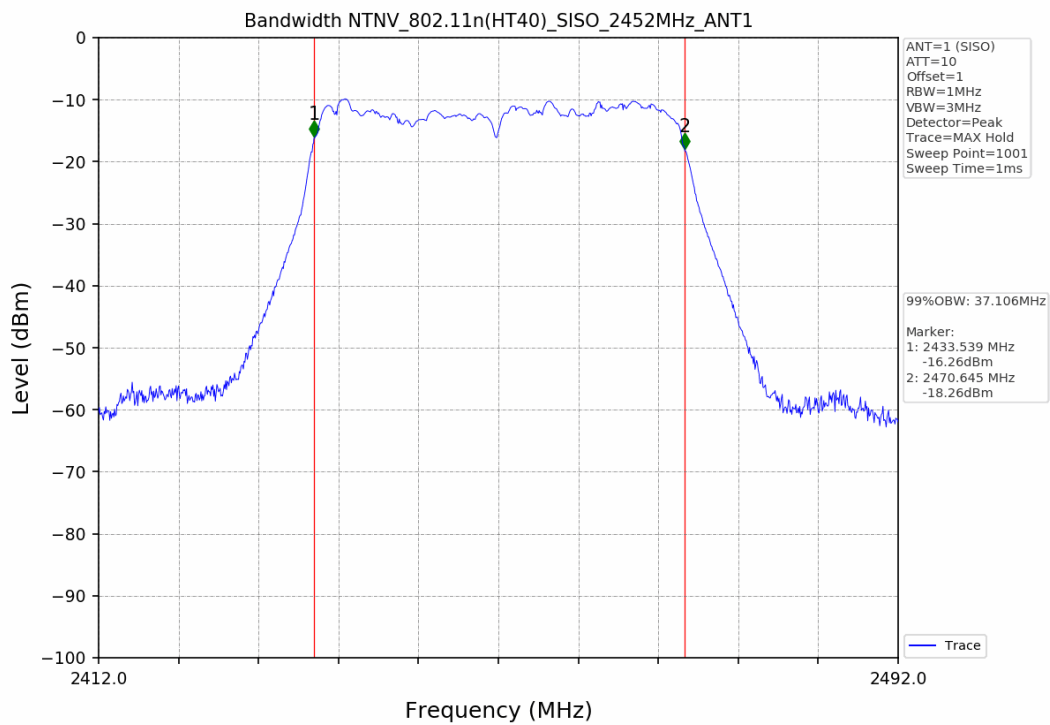










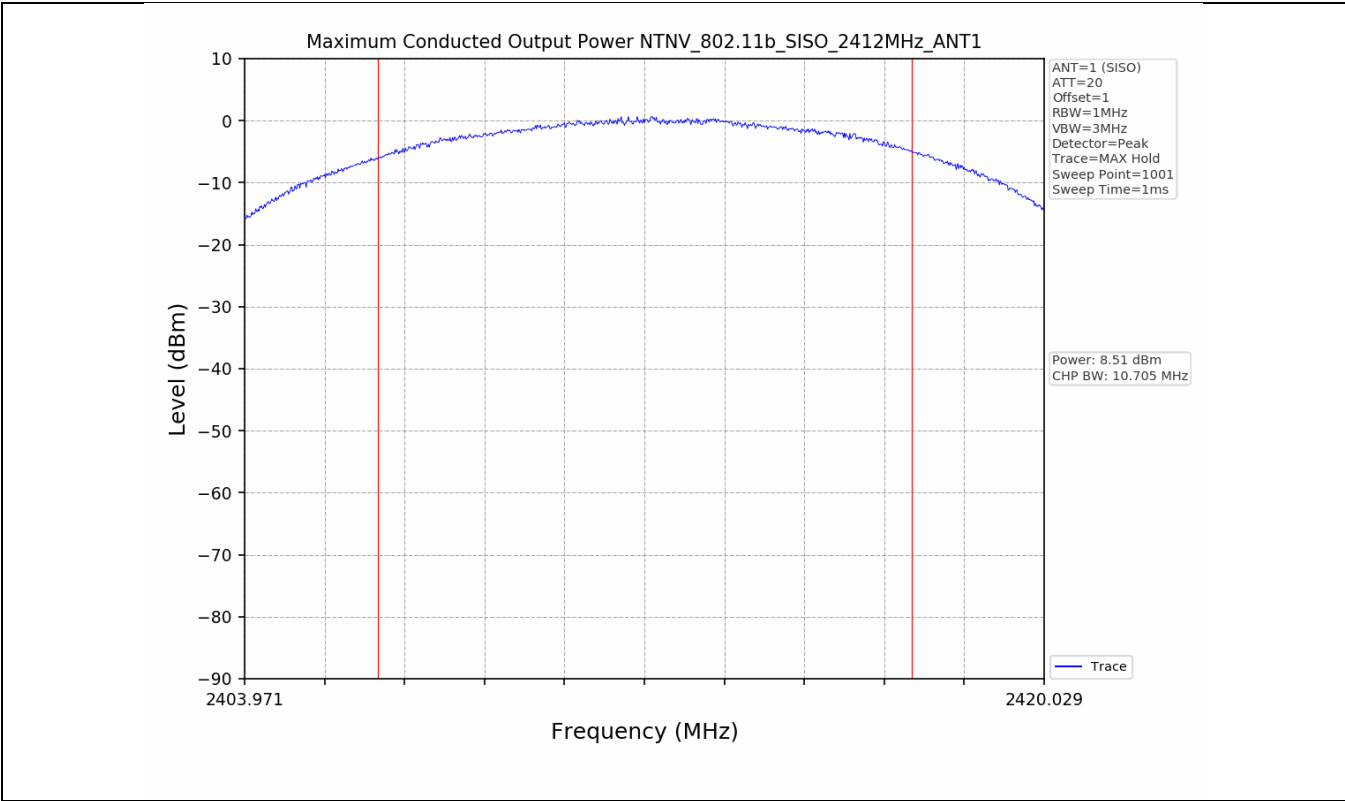


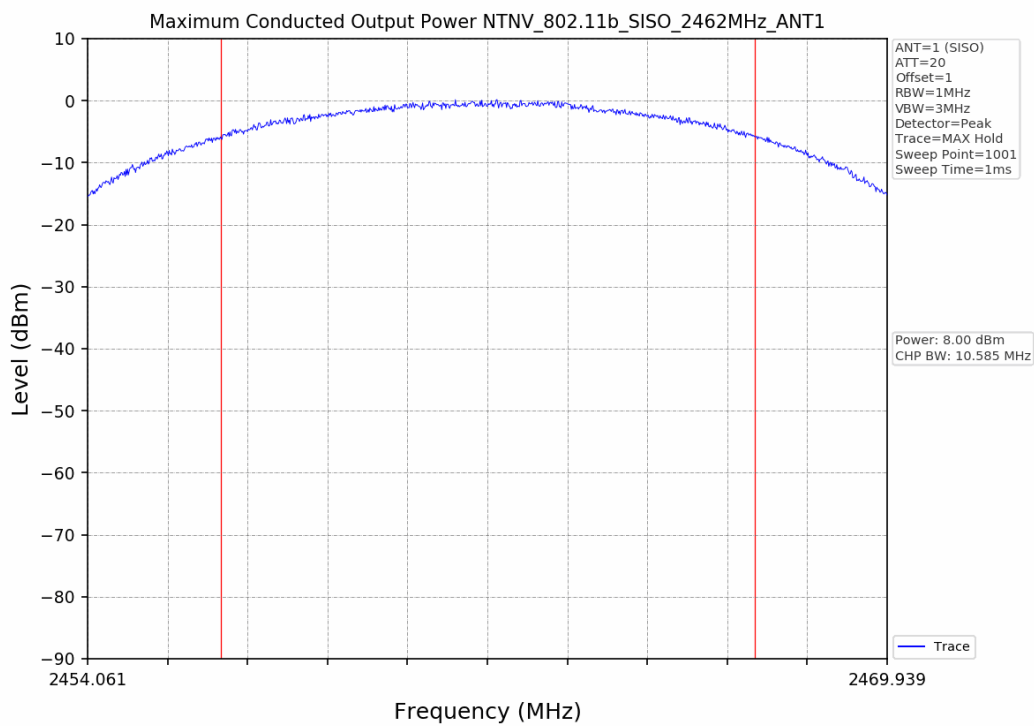
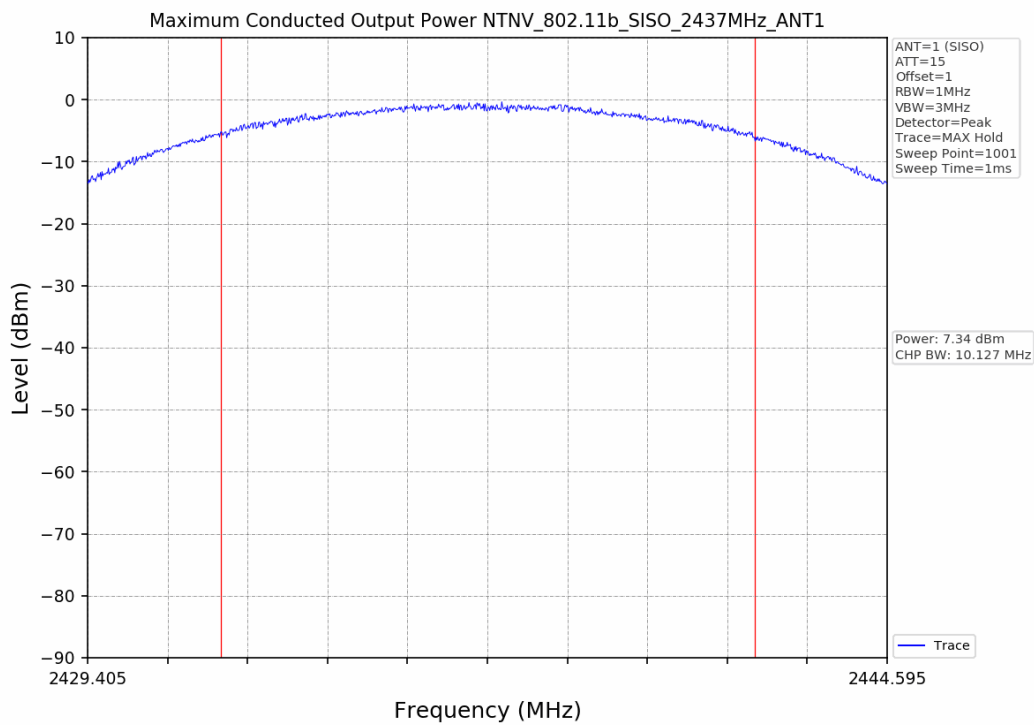
2. Maximum Conducted Output Power

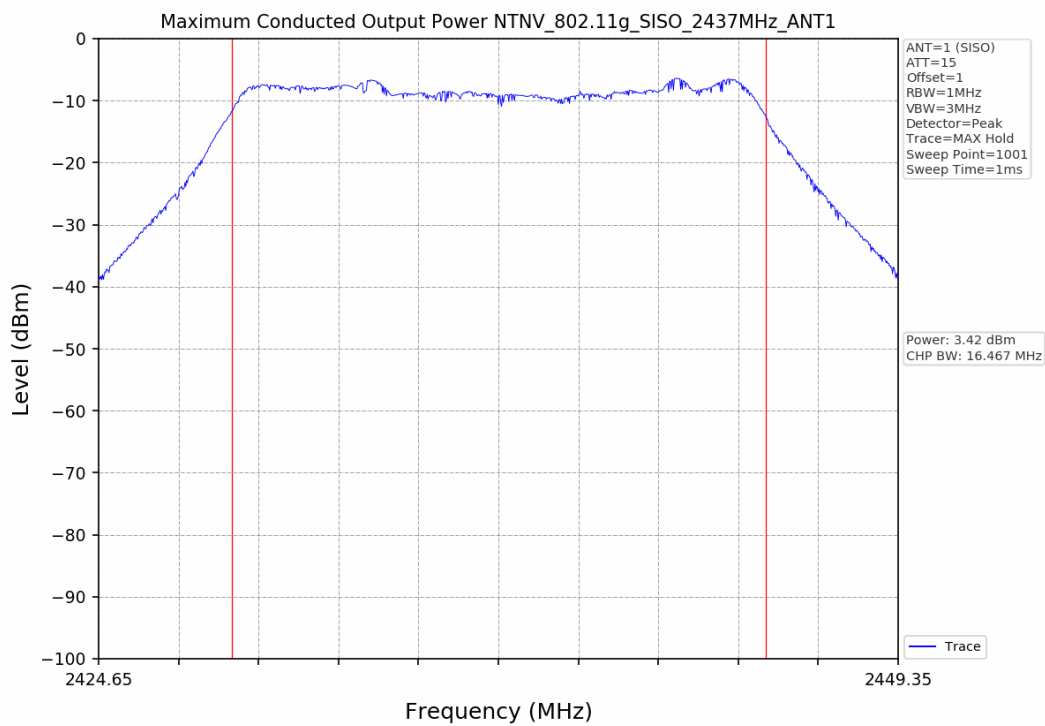
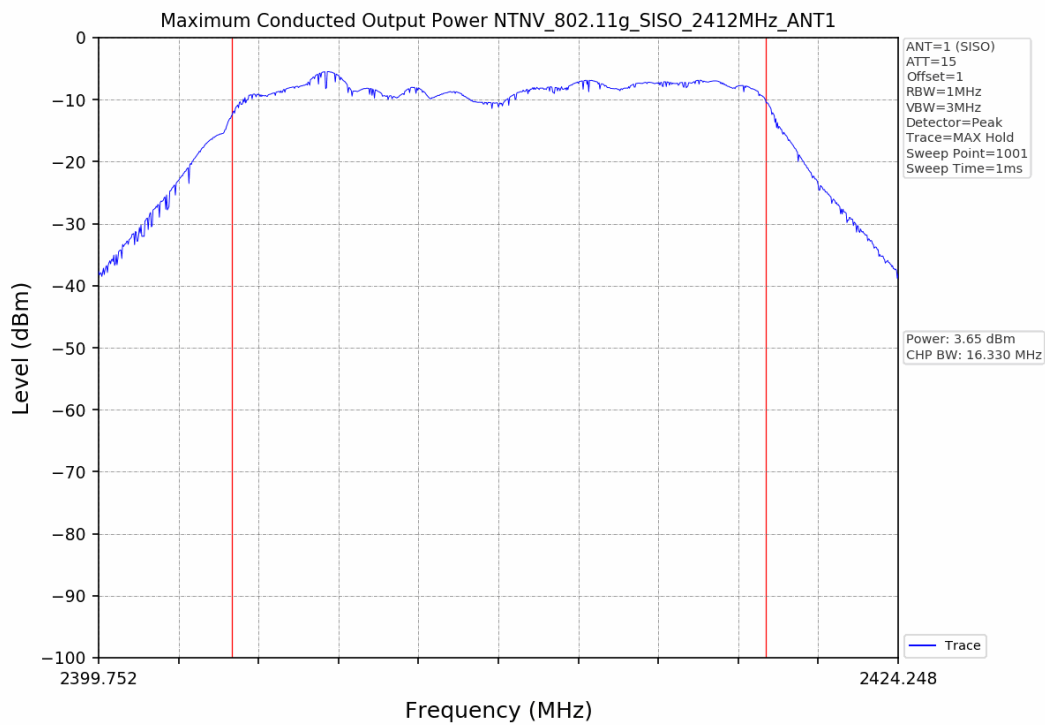
2.1 Test Result

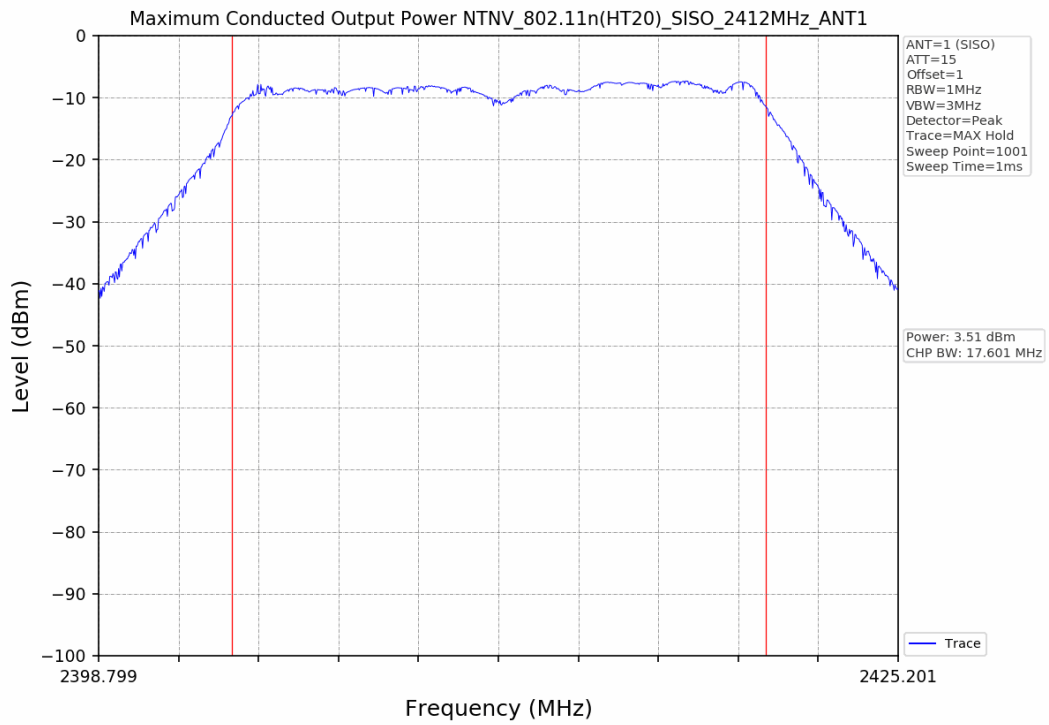
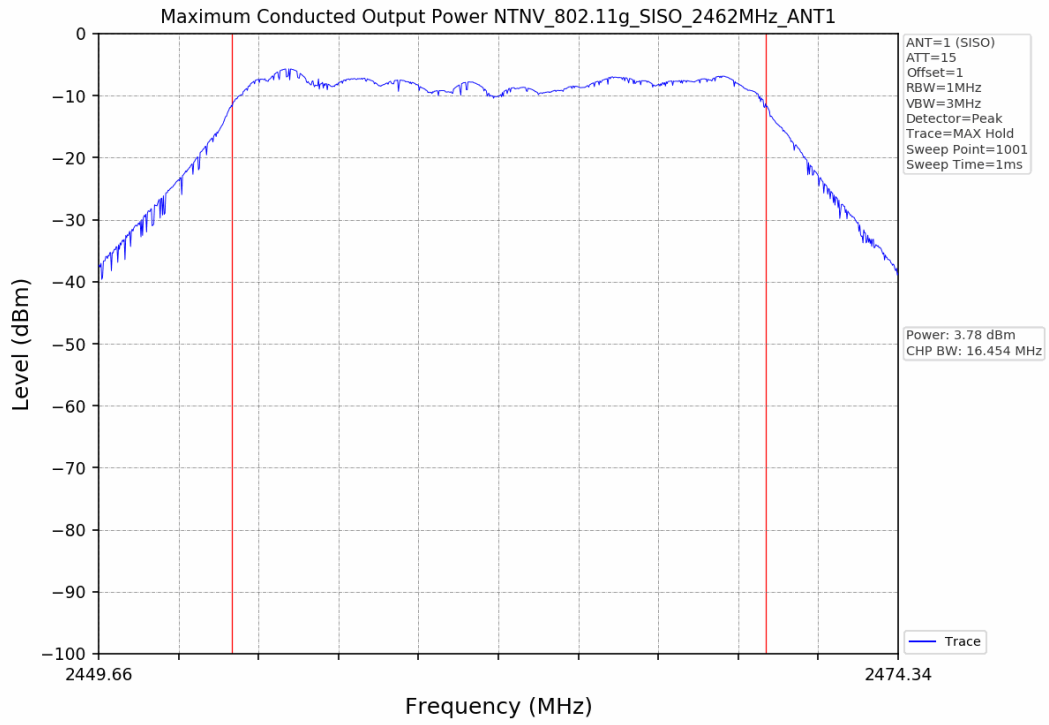
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
802.11b	2412	SISO	8.51	30	PASS
	2437	SISO	7.34	30	PASS
	2462	SISO	8.00	30	PASS
802.11g	2412	SISO	3.65	30	PASS
	2437	SISO	3.42	30	PASS
	2462	SISO	3.78	30	PASS
802.11n(HT20)	2412	SISO	3.51	30	PASS
	2437	SISO	3.23	30	PASS
	2462	SISO	3.62	30	PASS
802.11n(HT40)	2422	SISO	3.39	30	PASS
	2437	SISO	3.31	30	PASS
	2452	SISO	3.24	30	PASS

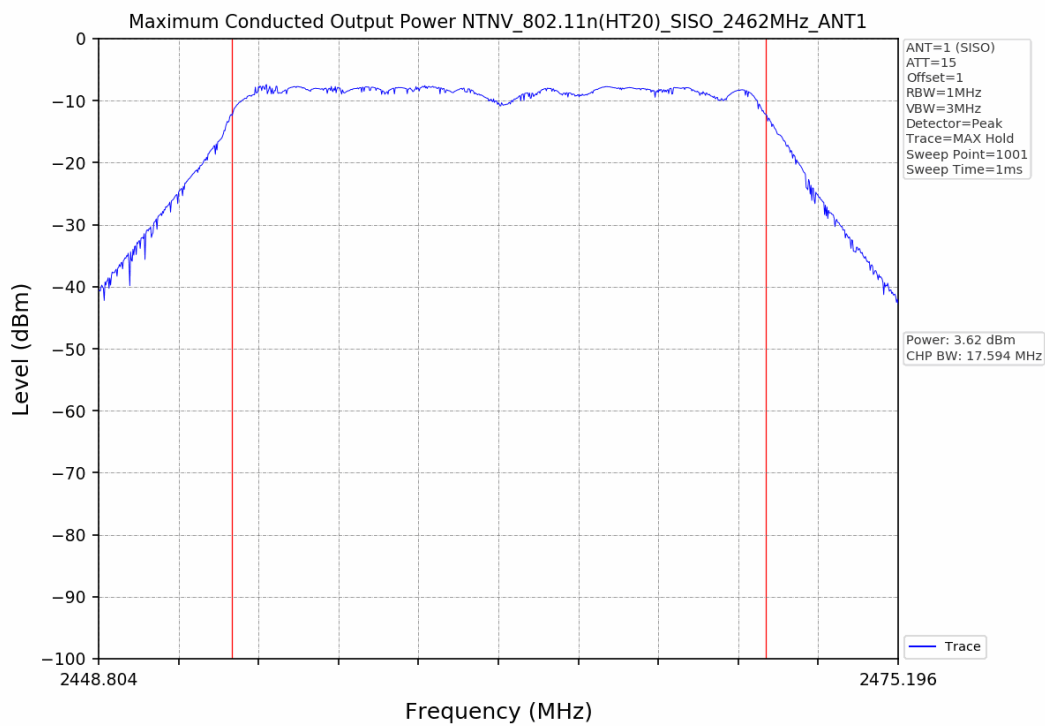
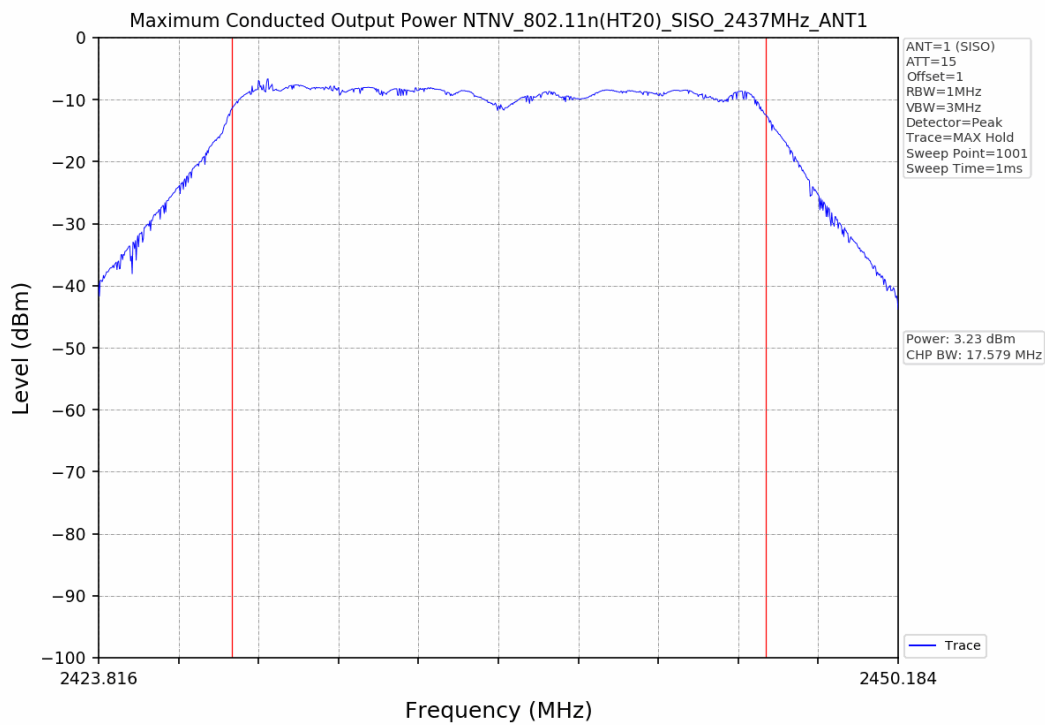
2.2 Test Graph

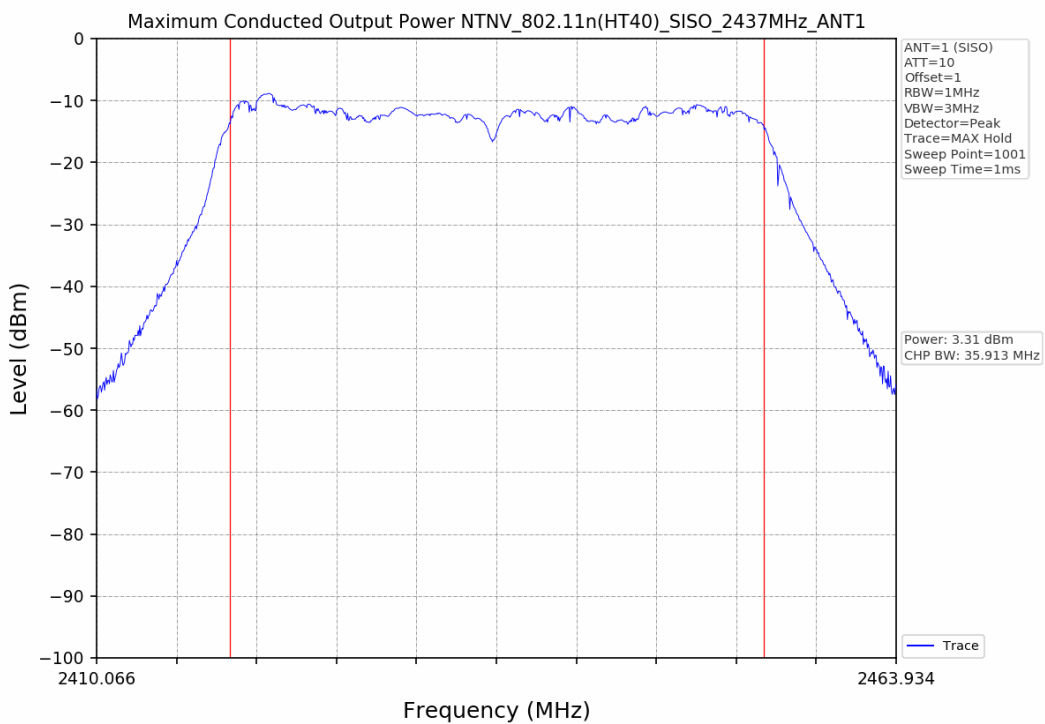
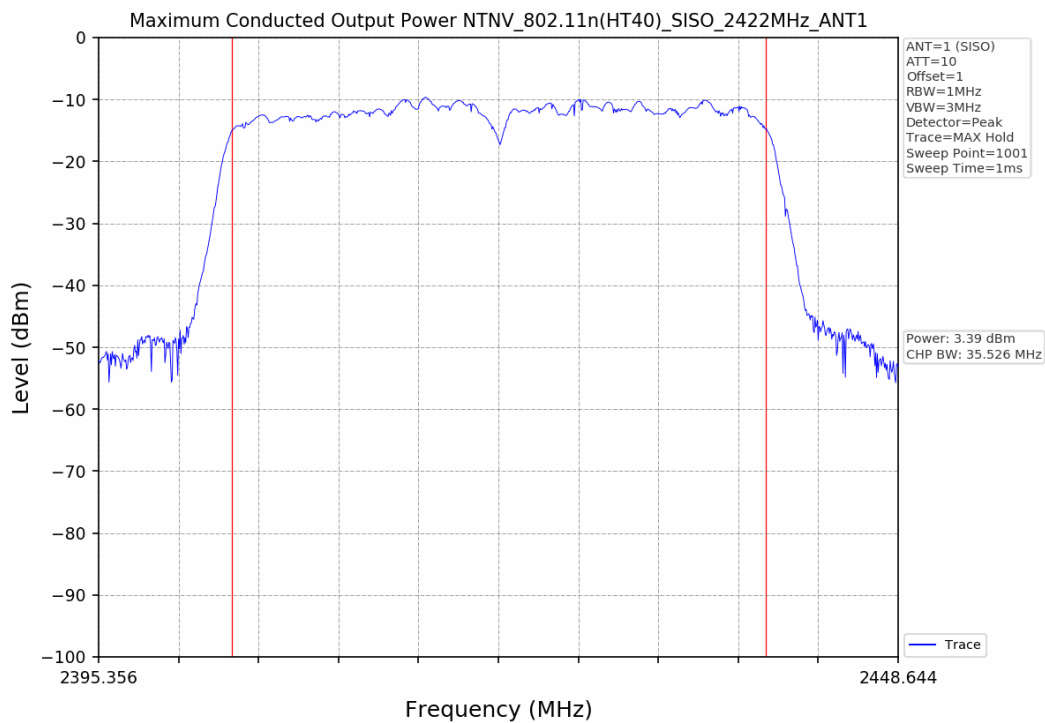


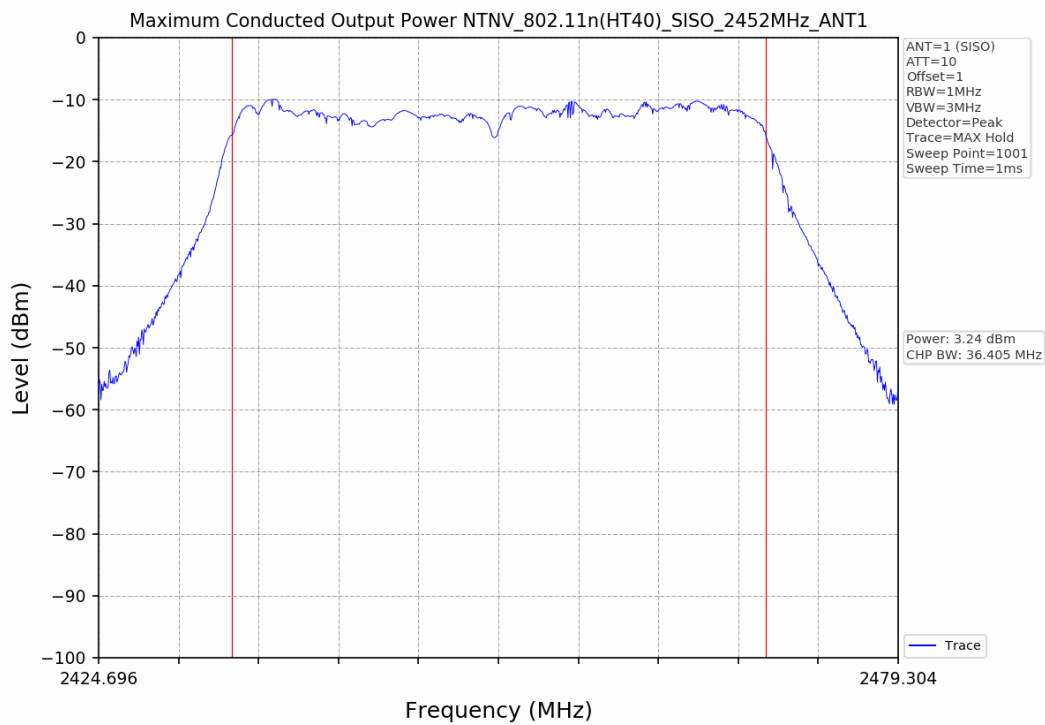










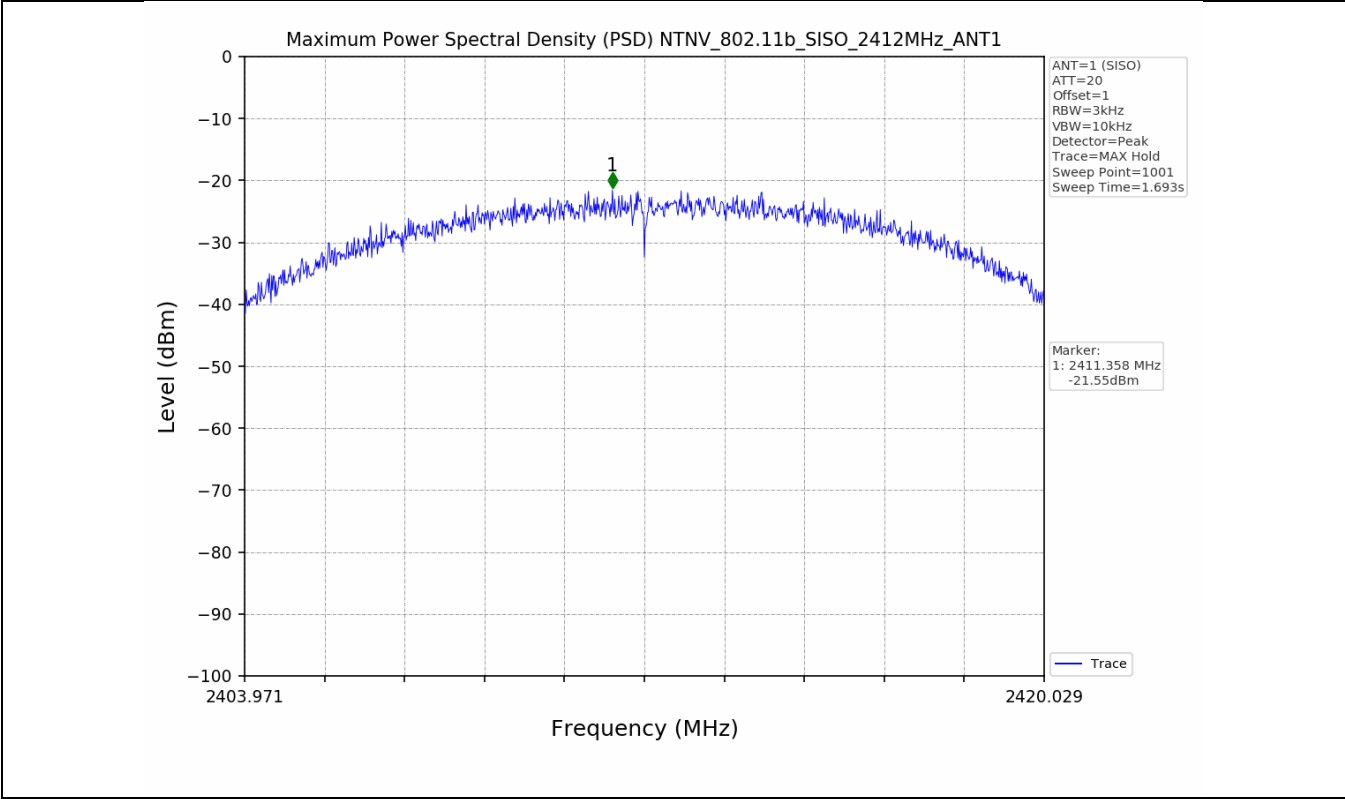


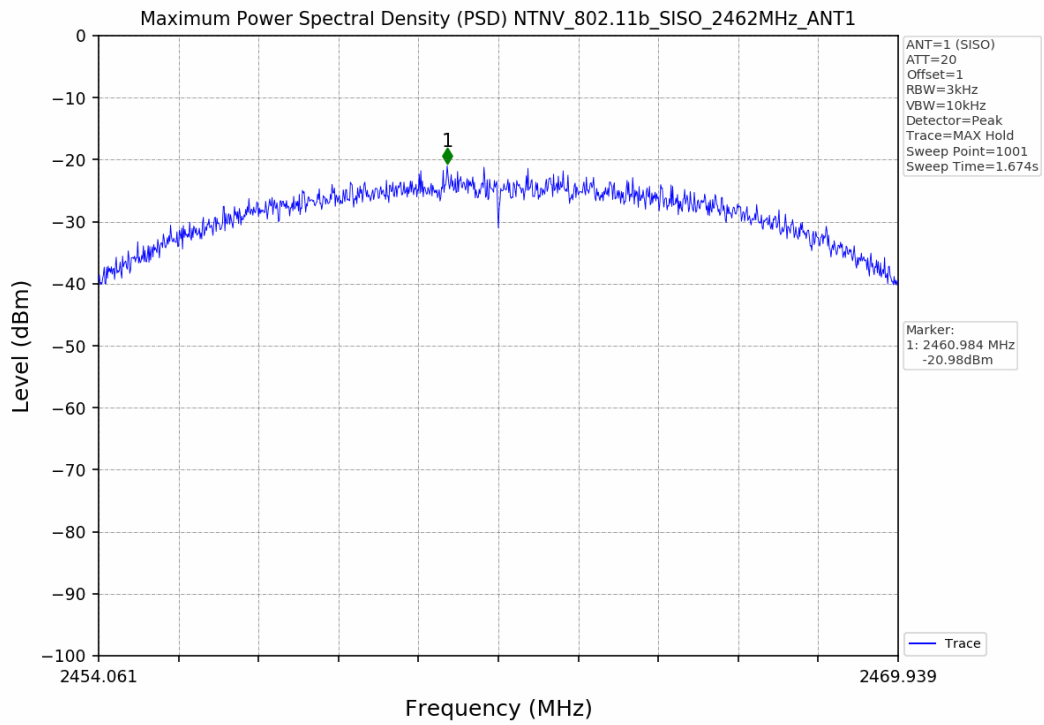
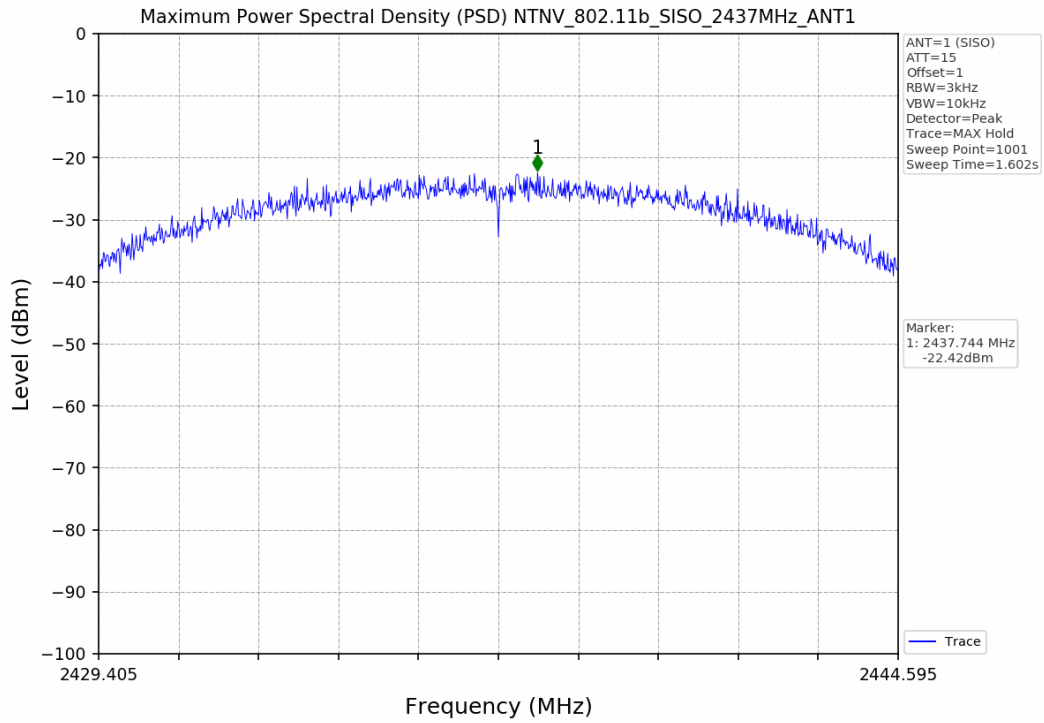
3. Maximum Power Spectral Density (PSD)

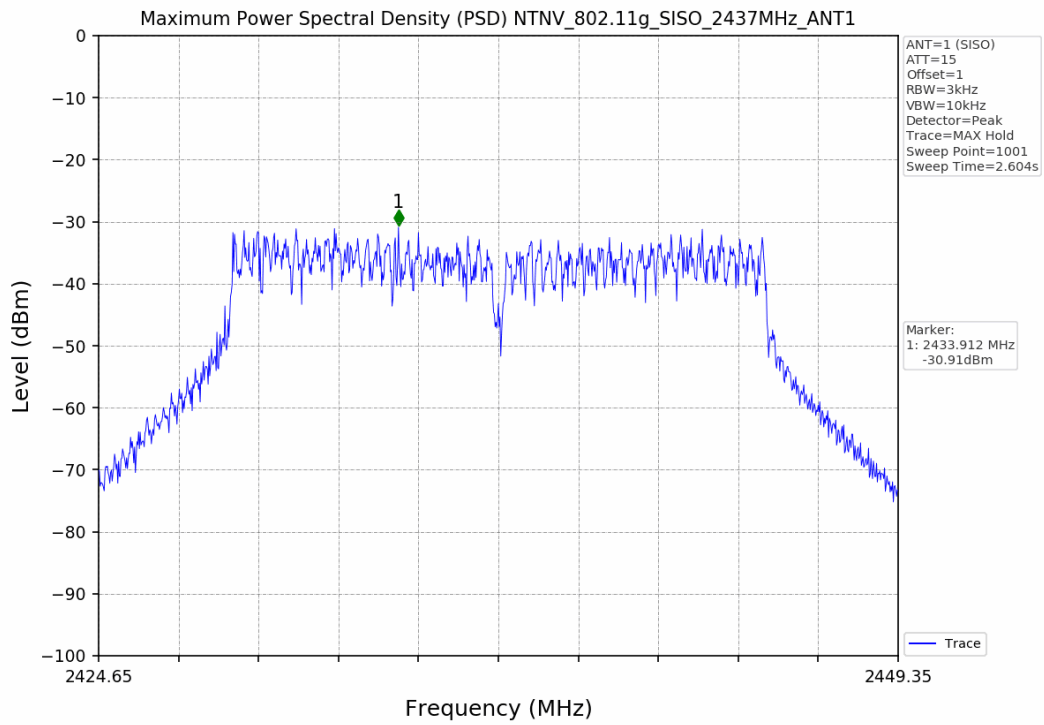
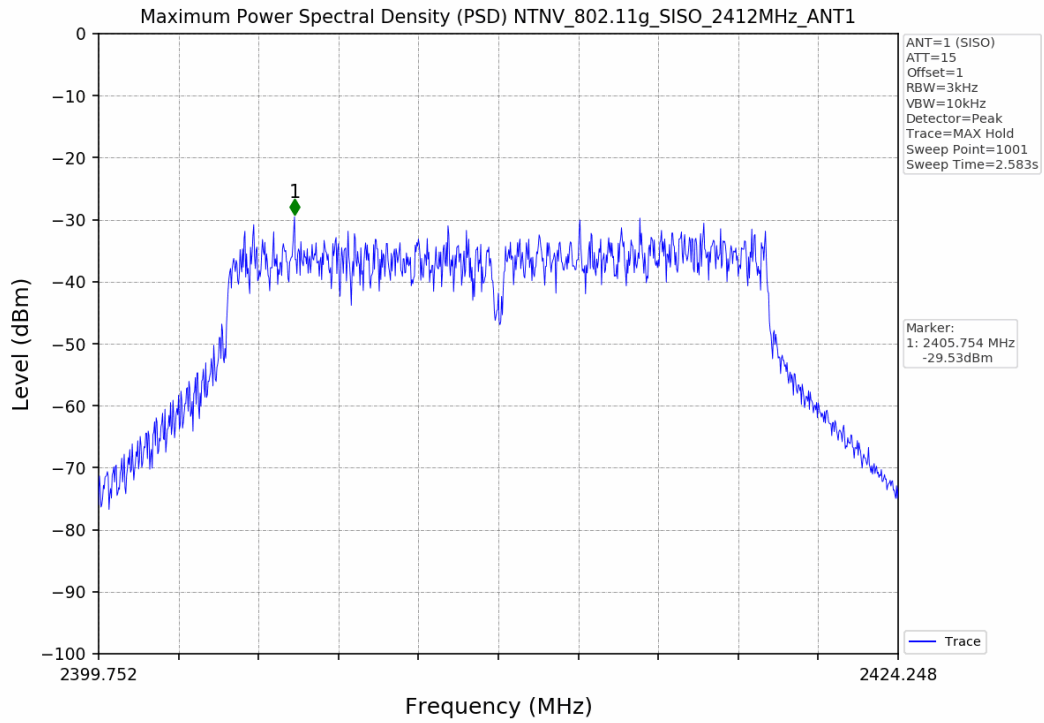
3.1 Test Result

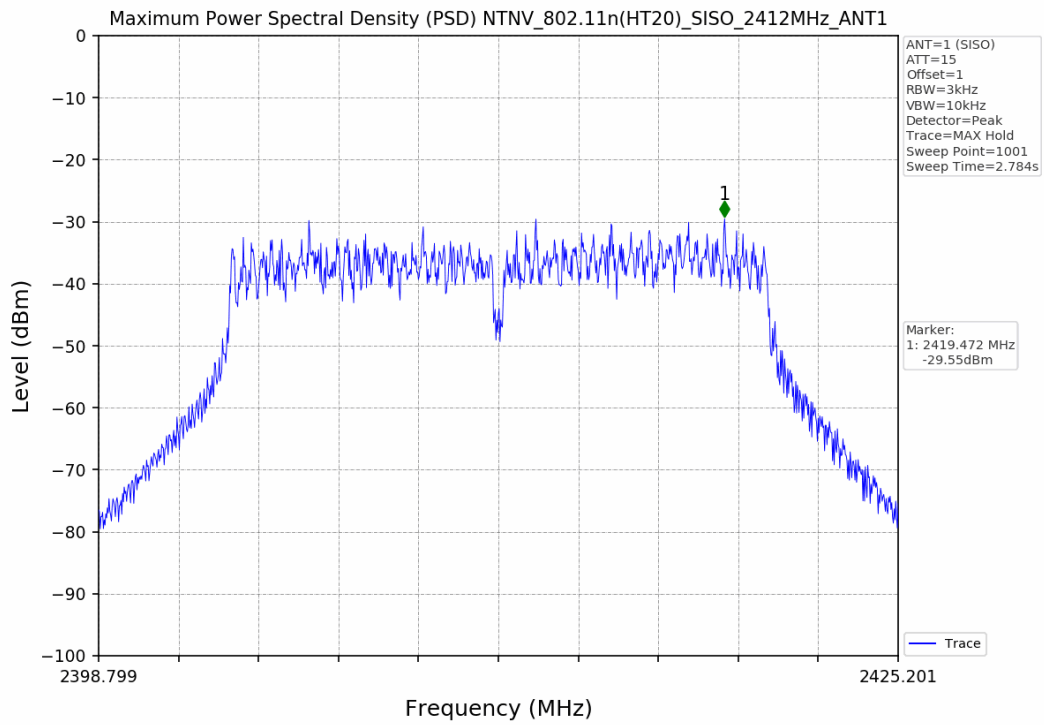
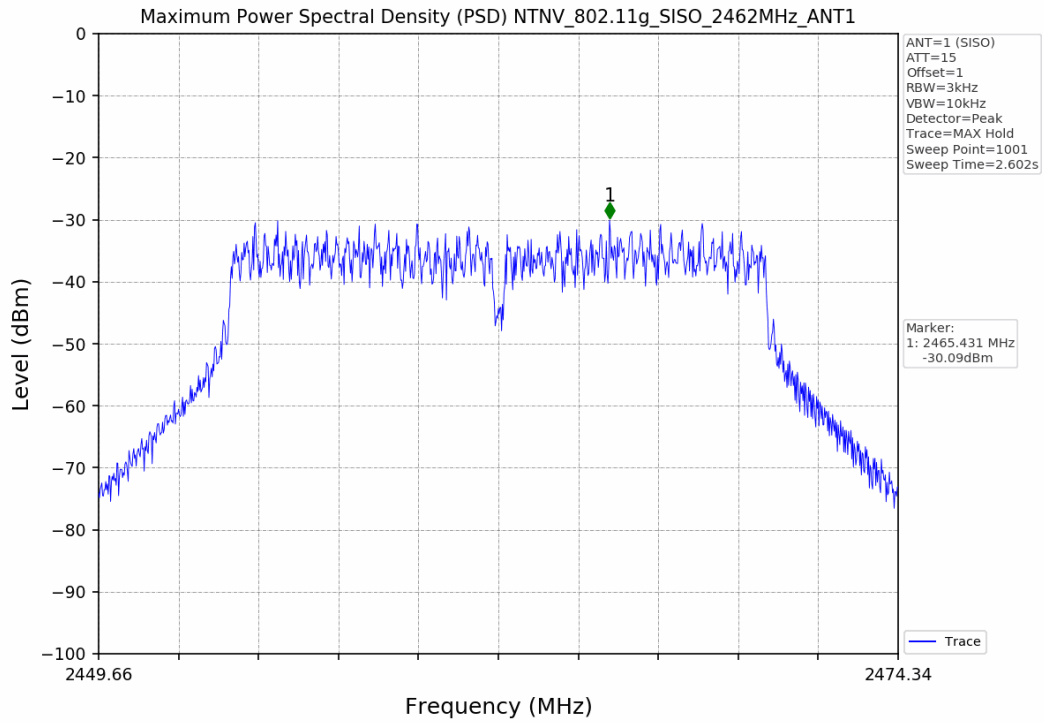
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
802.11b	2412	SISO	-21.55	≤8	PASS
	2437	SISO	-22.42	≤8	PASS
	2462	SISO	-20.98	≤8	PASS
802.11g	2412	SISO	-29.53	≤8	PASS
	2437	SISO	-30.91	≤8	PASS
	2462	SISO	-30.09	≤8	PASS
802.11n(HT20)	2412	SISO	-29.55	≤8	PASS
	2437	SISO	-29.55	≤8	PASS
	2462	SISO	-29.30	≤8	PASS
802.11n(HT40)	2422	SISO	-30.77	≤8	PASS
	2437	SISO	-31.58	≤8	PASS
	2452	SISO	-32.62	≤8	PASS

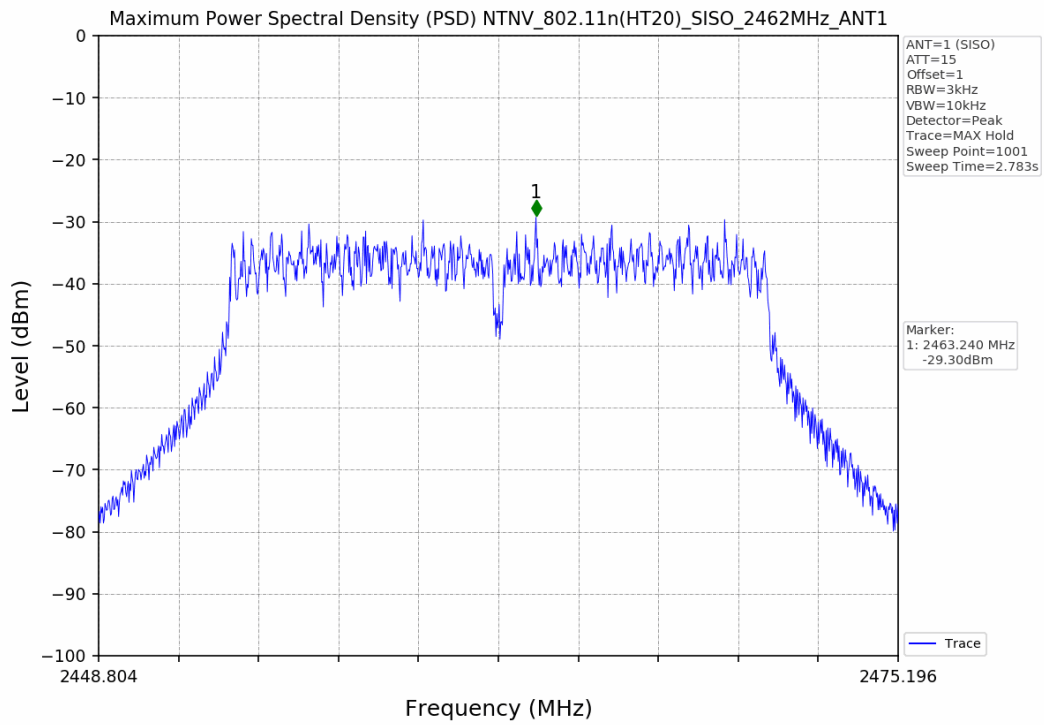
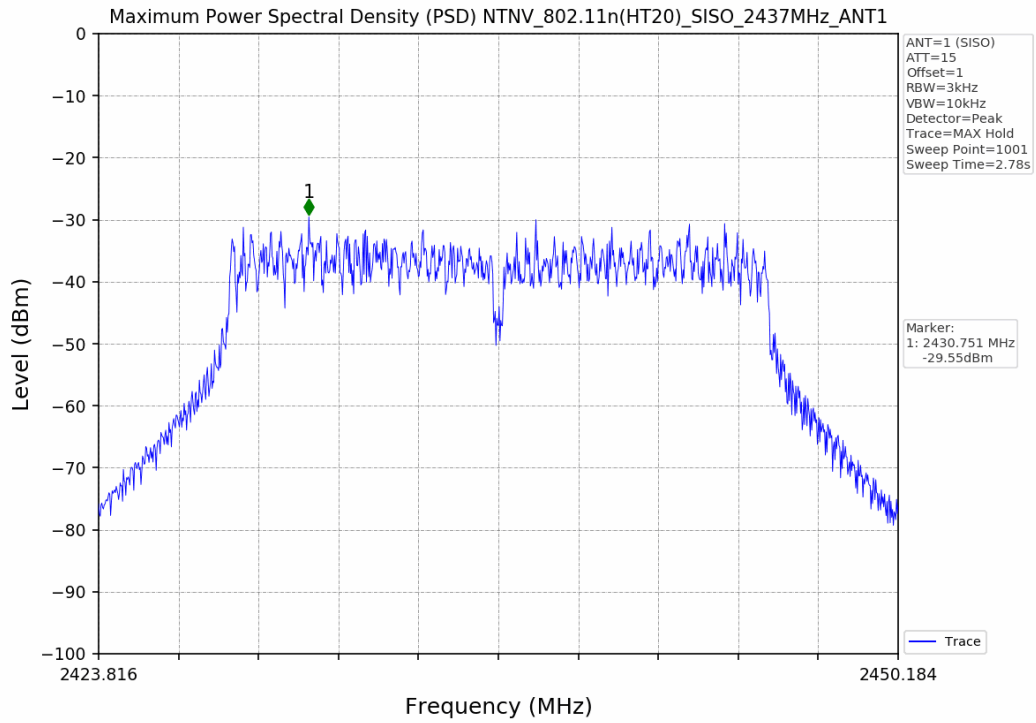
3.2 Test Graph

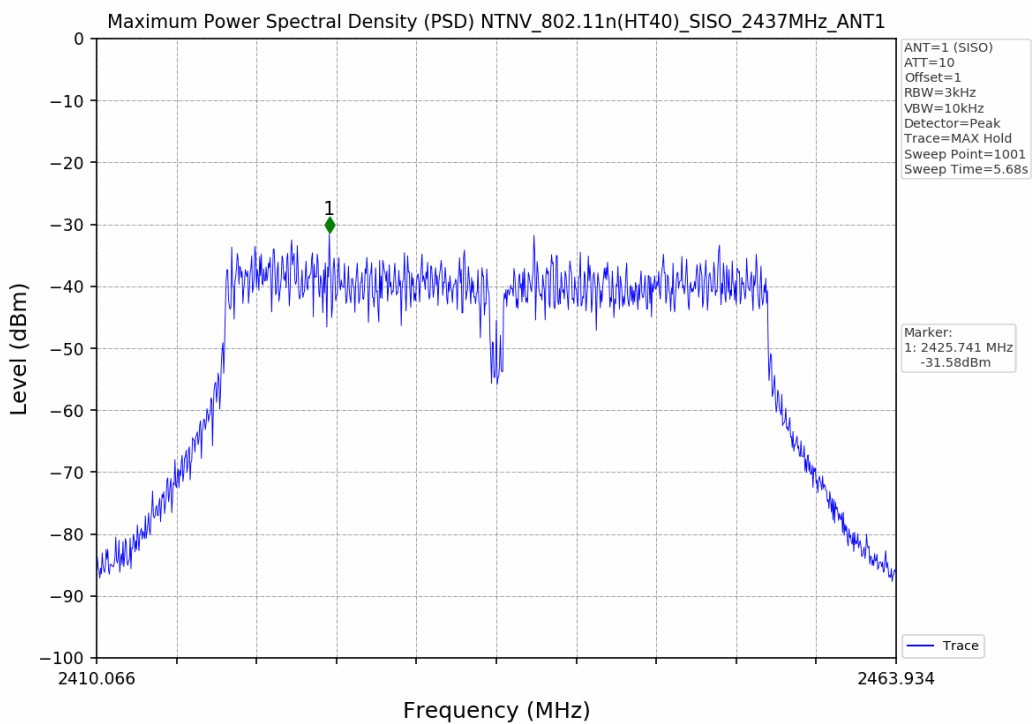
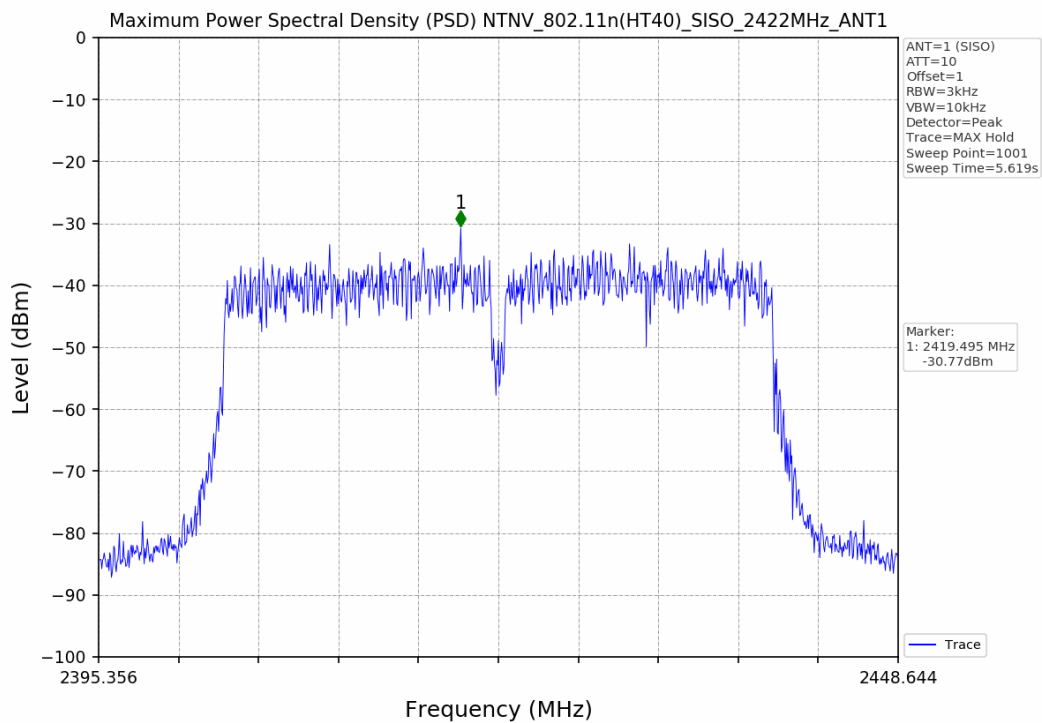


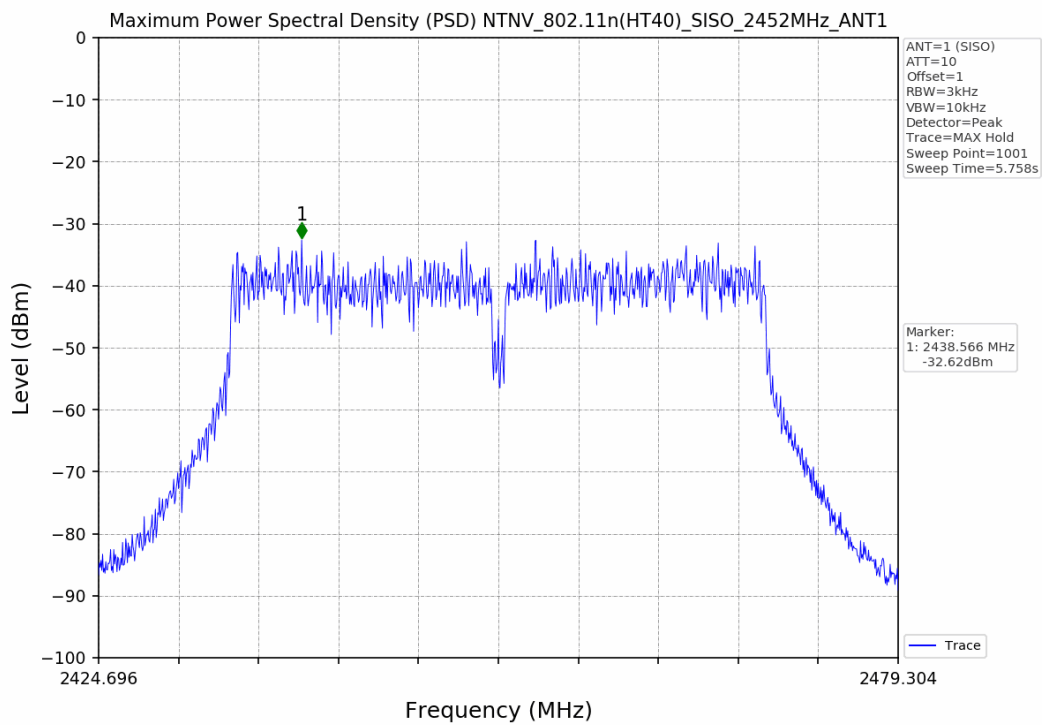










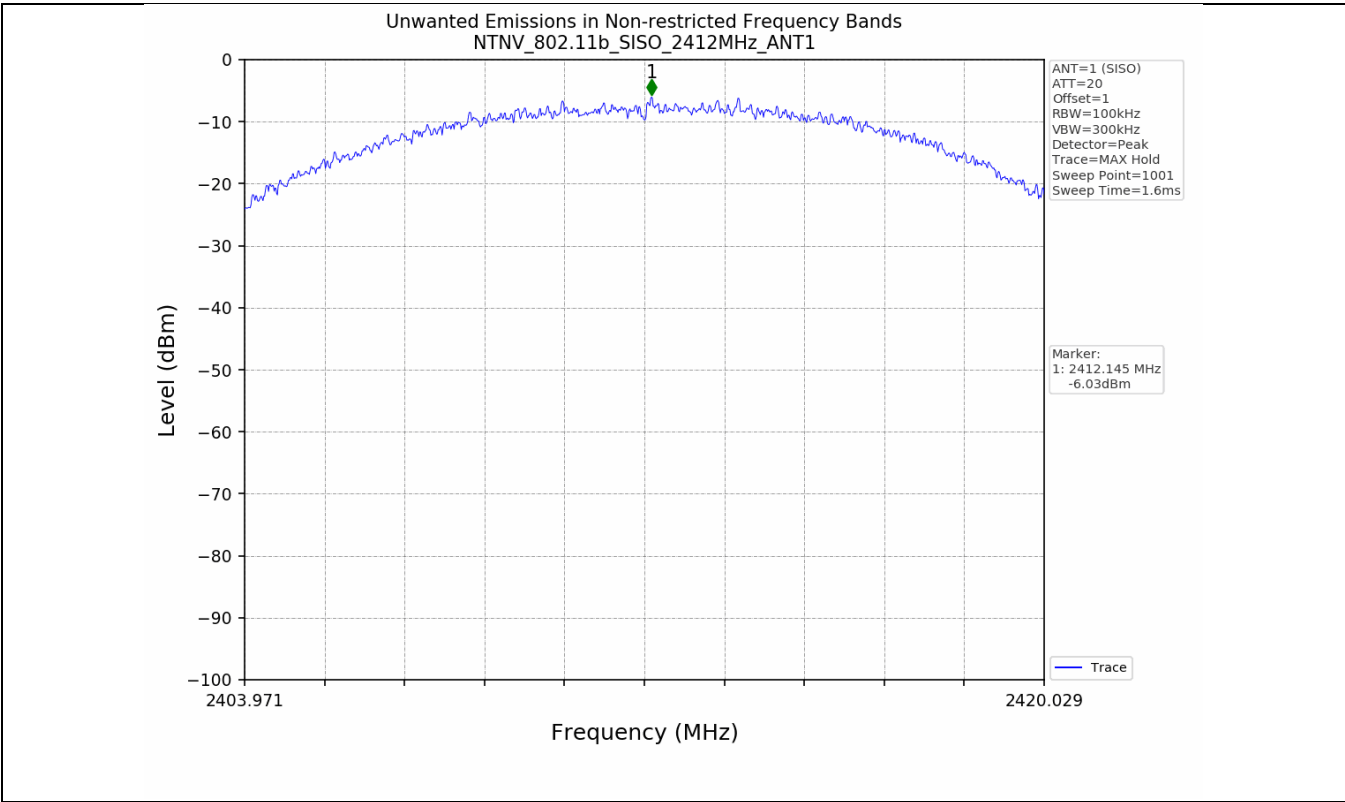


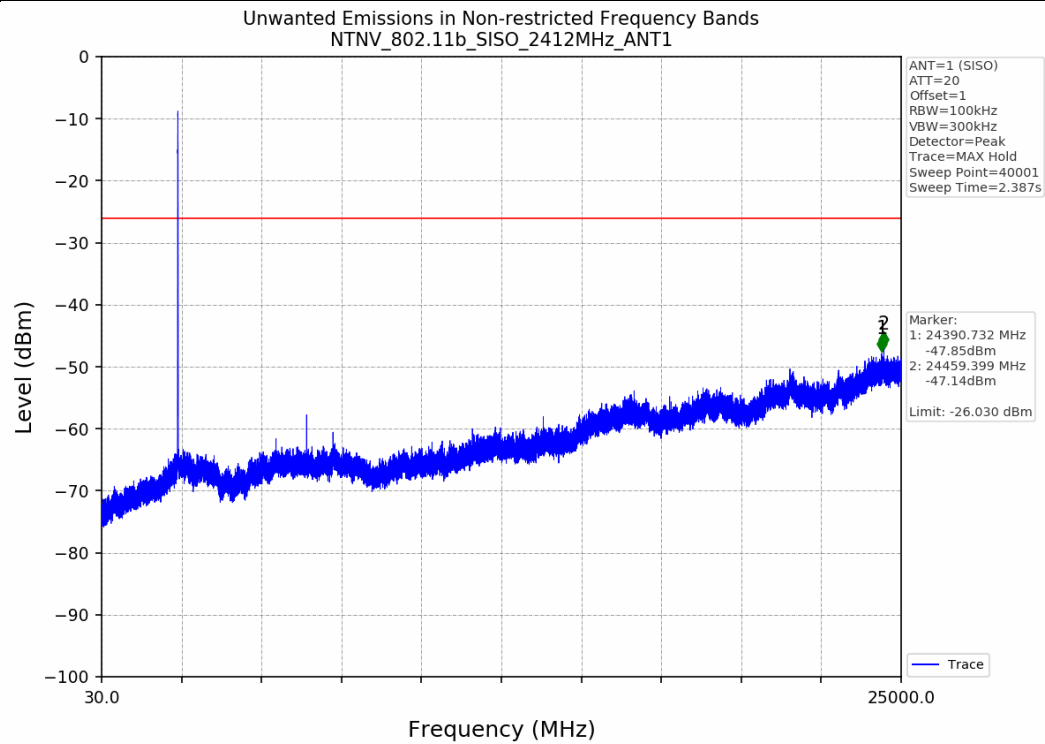
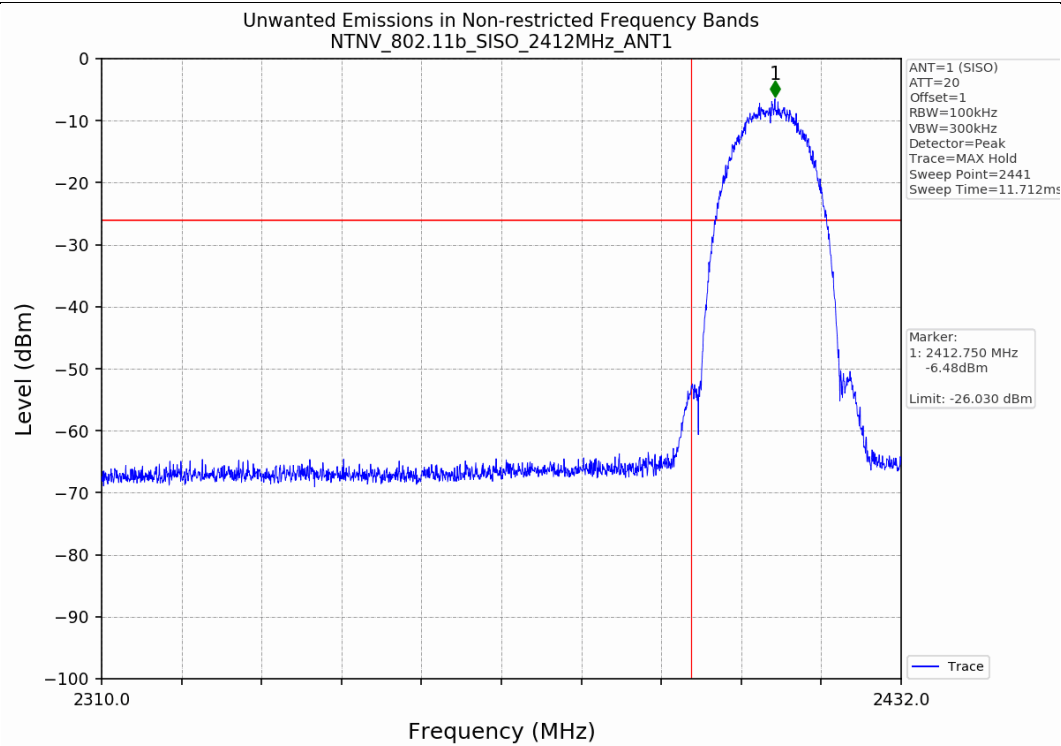
4. Unwanted Emissions in Non-restricted Frequency Bands

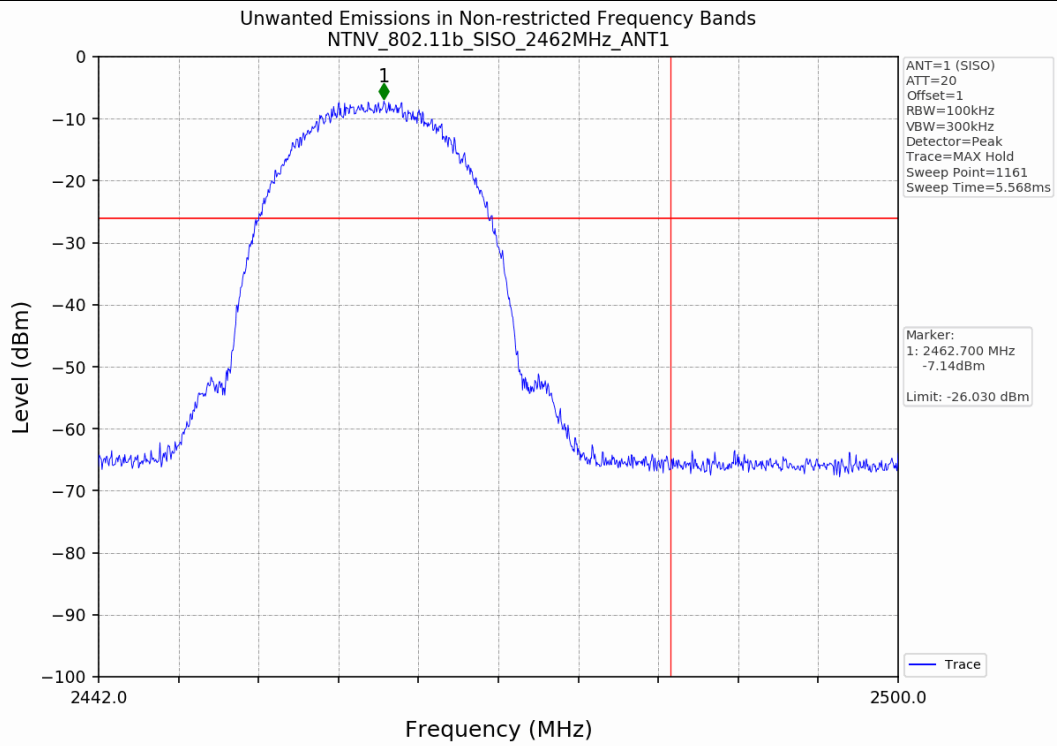
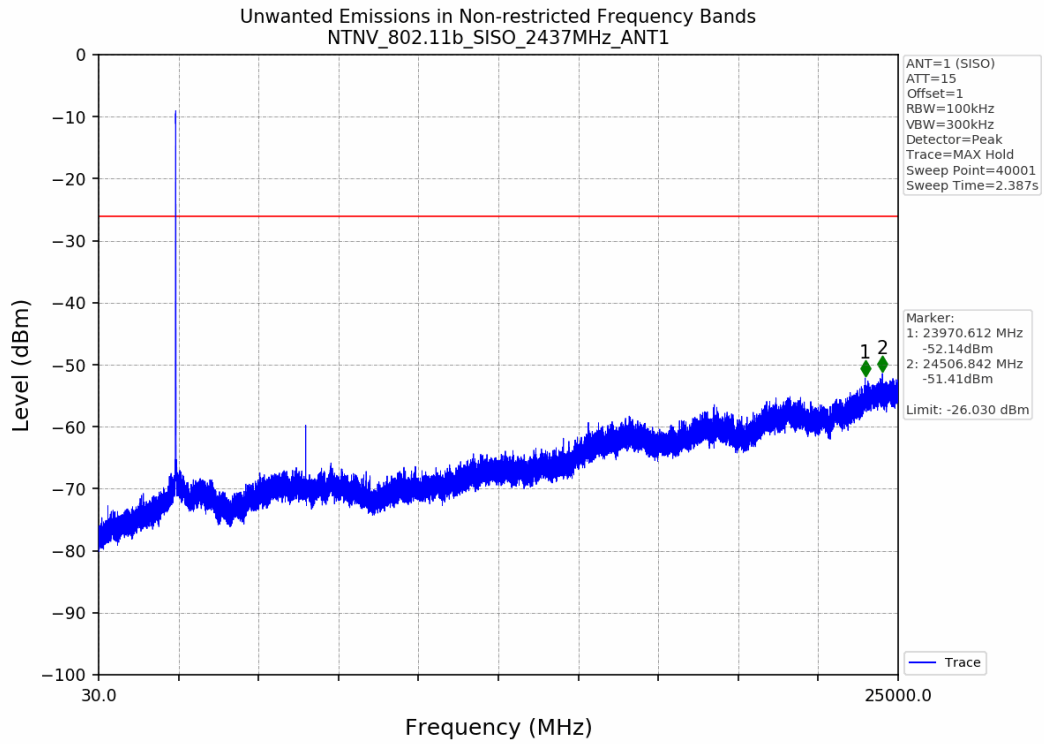
4.1 Test Result

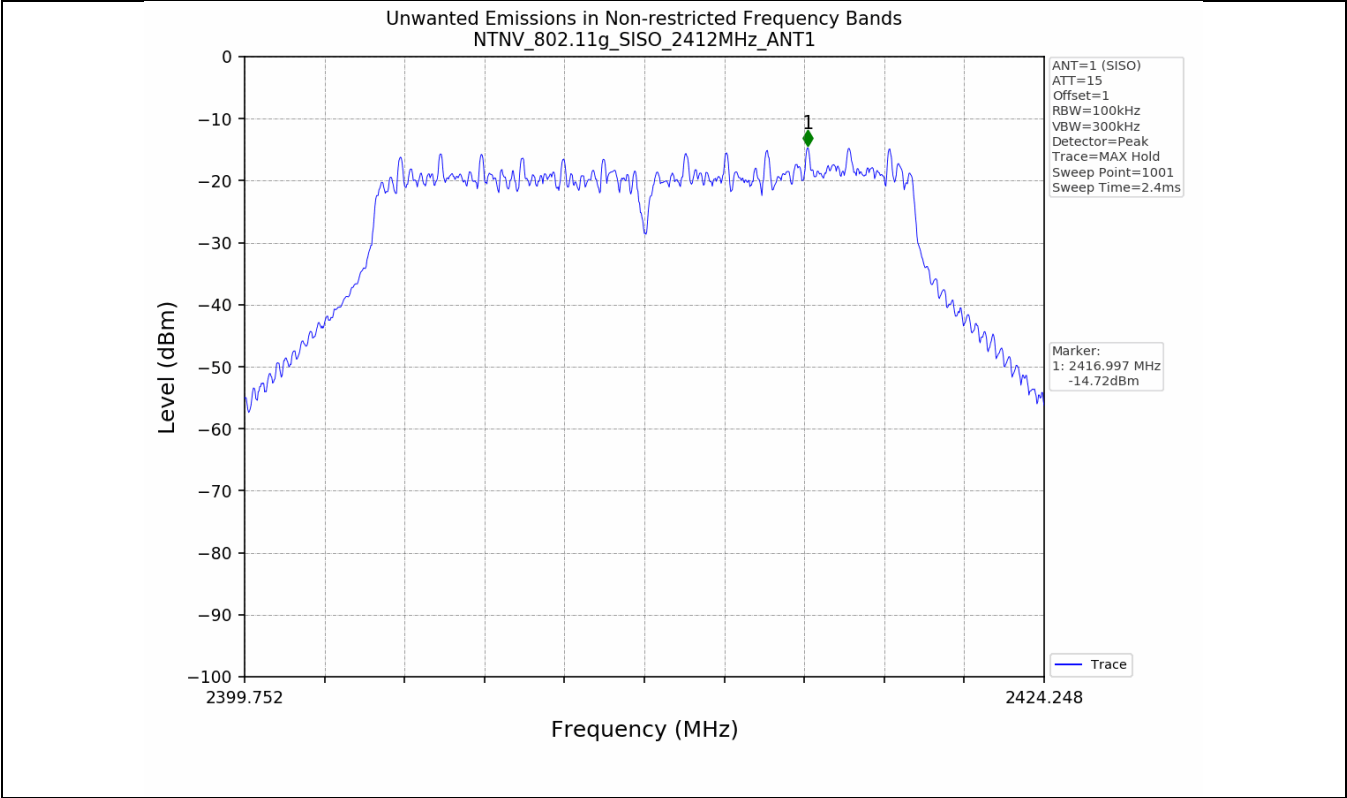
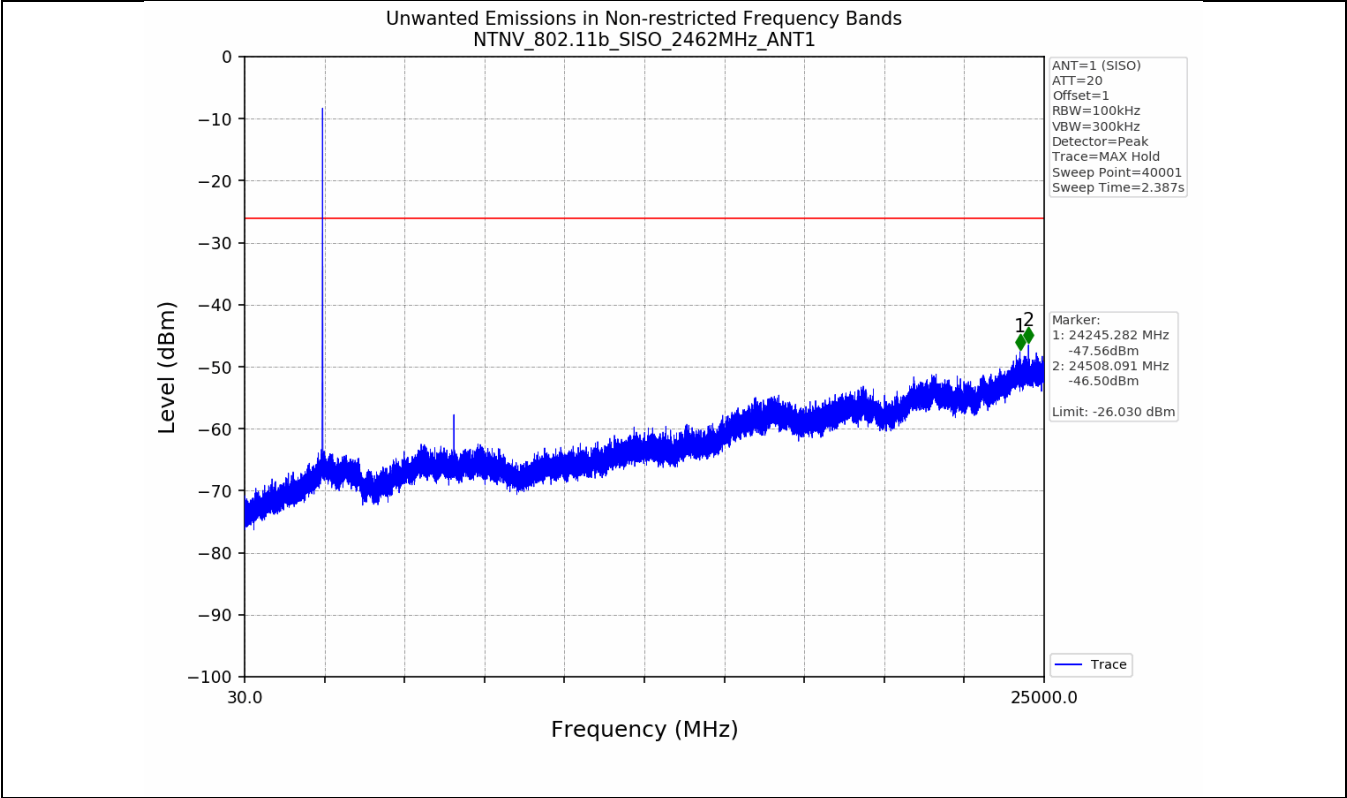
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	1	Refer to test graph	-26.03	PASS
	2437	SISO	1	Refer to test graph	-26.03	PASS
	2462	SISO	1	Refer to test graph	-26.03	PASS
802.11g	2412	SISO	1	Refer to test graph	-34.72	PASS
	2437	SISO	1	Refer to test graph	-34.72	PASS
	2462	SISO	1	Refer to test graph	-34.72	PASS
802.11n(HT20)	2412	SISO	1	Refer to test graph	-34.66	PASS
	2437	SISO	1	Refer to test graph	-34.66	PASS
	2462	SISO	1	Refer to test graph	-34.66	PASS
802.11n(HT40)	2422	SISO	1	Refer to test graph	-37.27	PASS
	2437	SISO	1	Refer to test graph	-37.27	PASS
	2452	SISO	1	Refer to test graph	-37.27	PASS

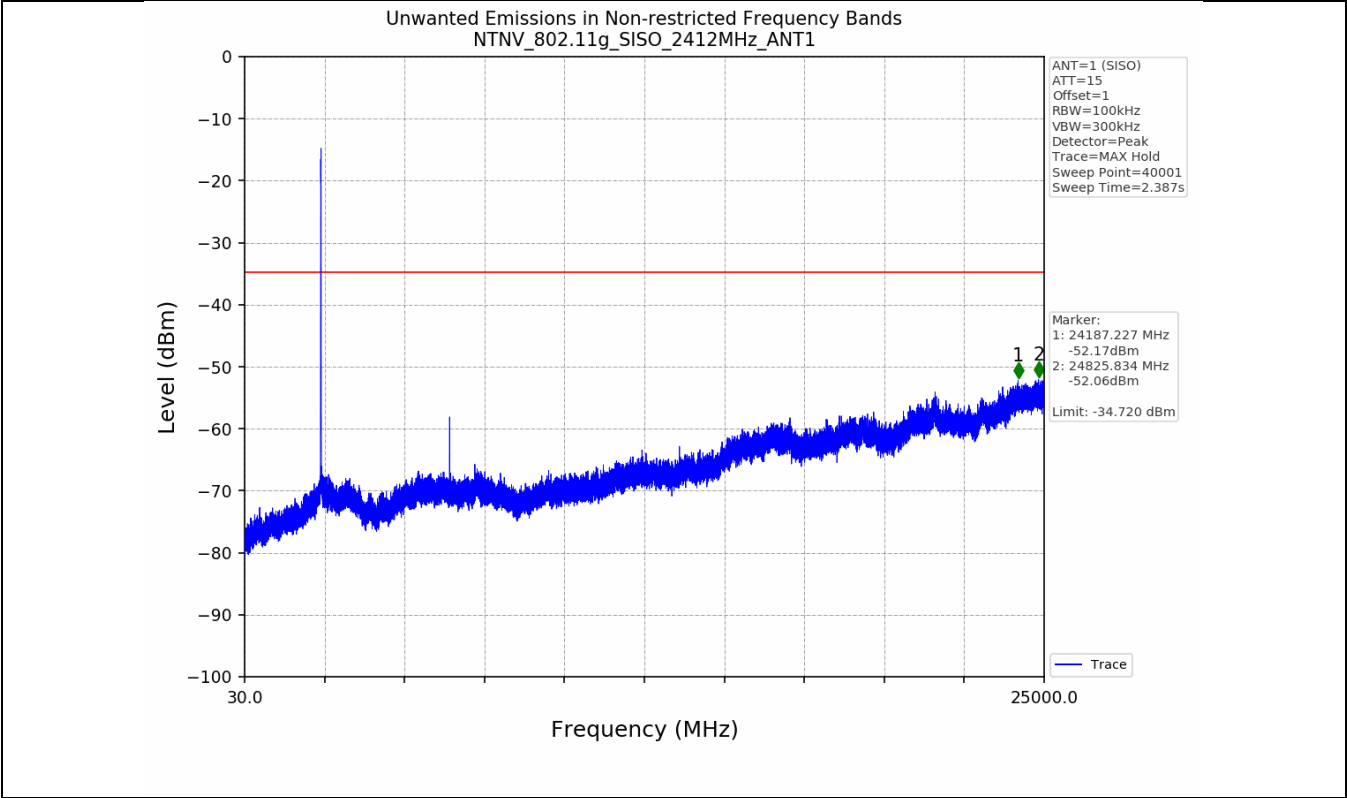
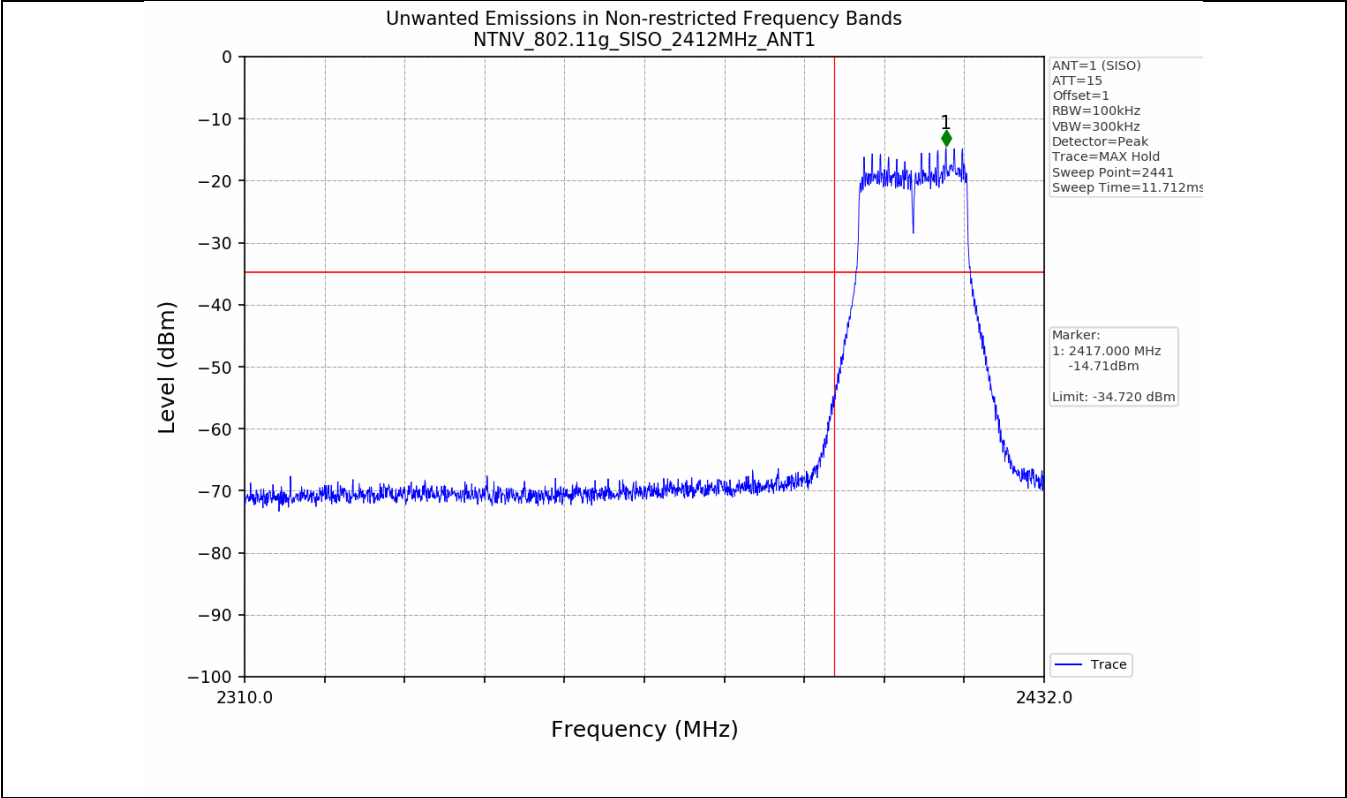
4.2 Test Graph

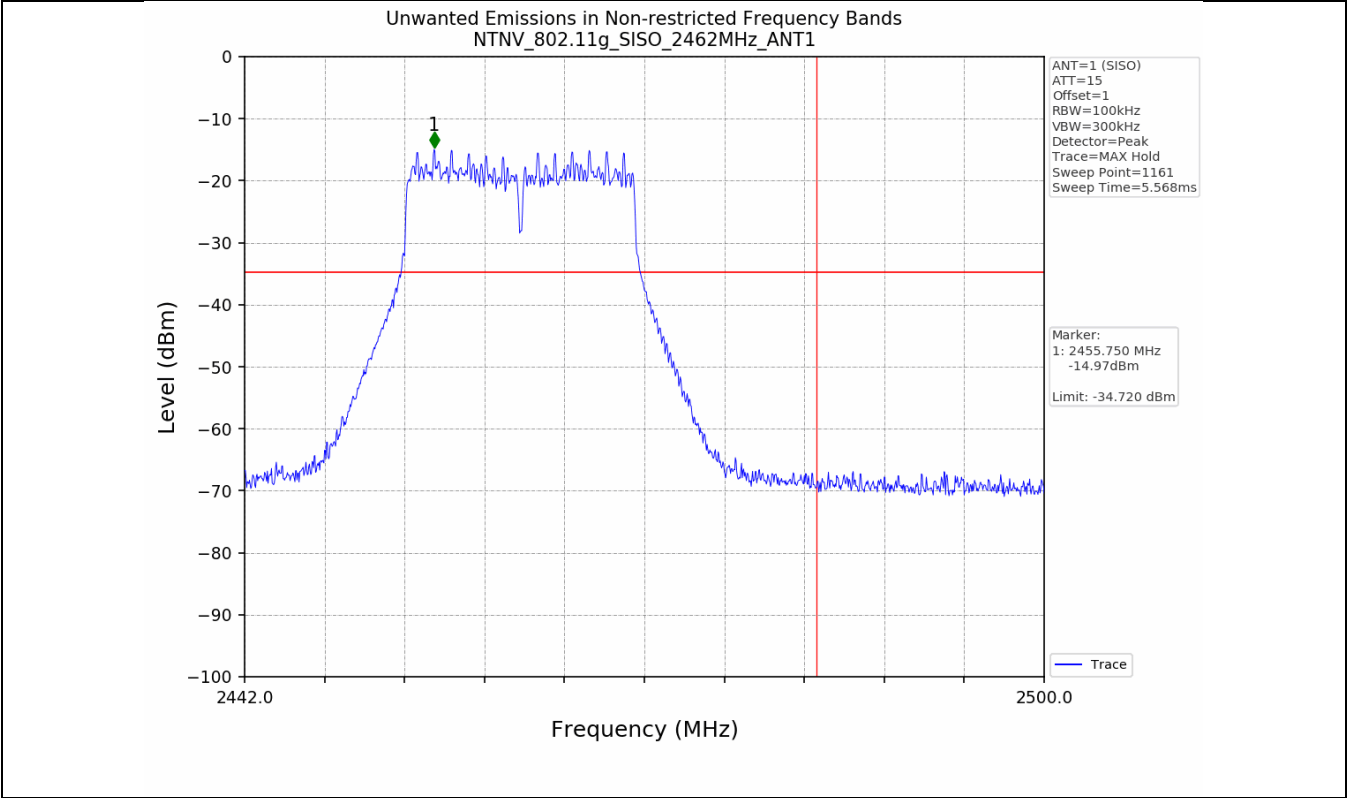
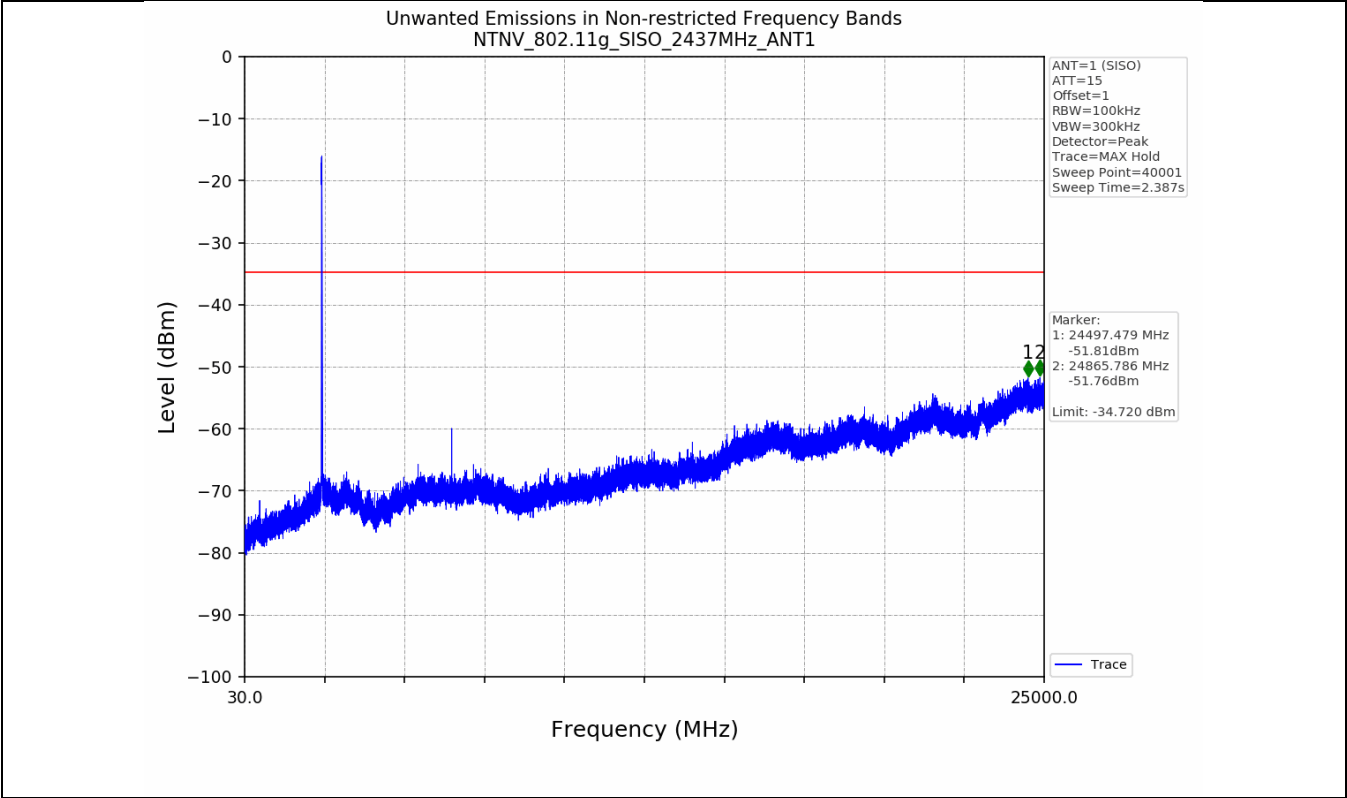


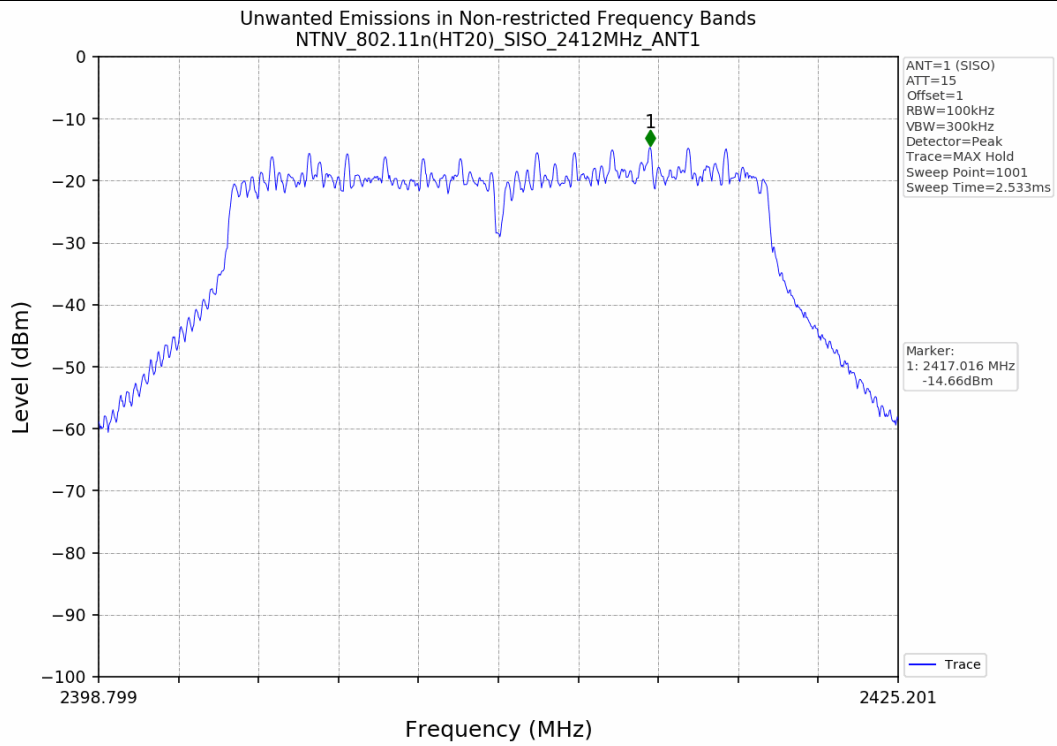
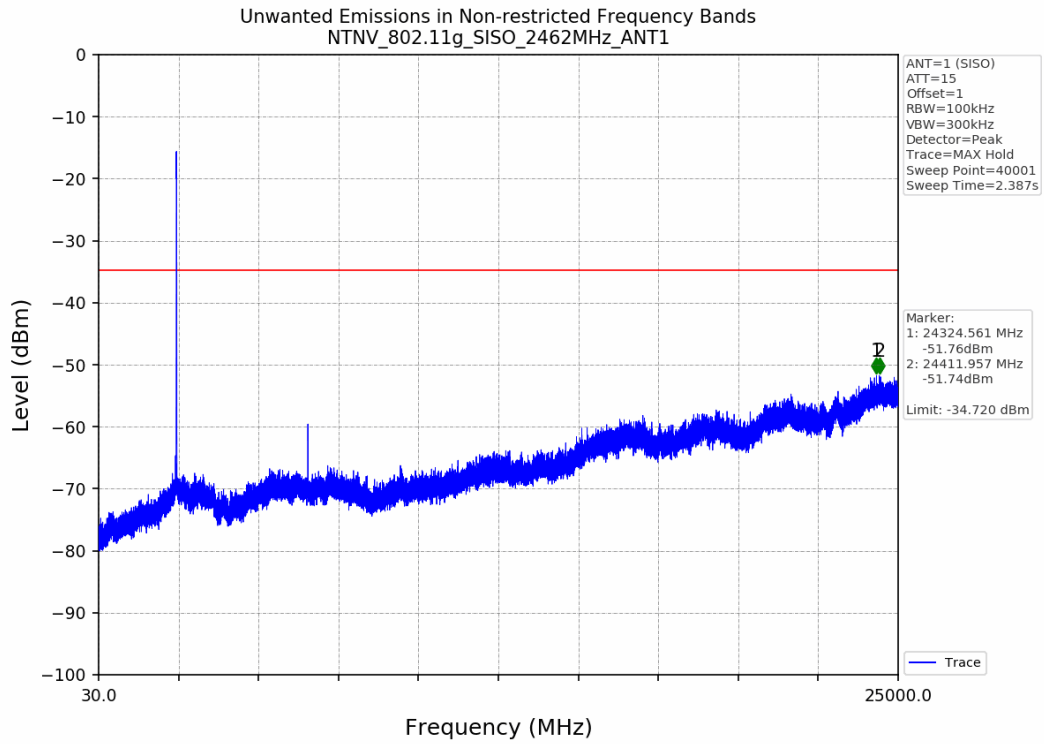


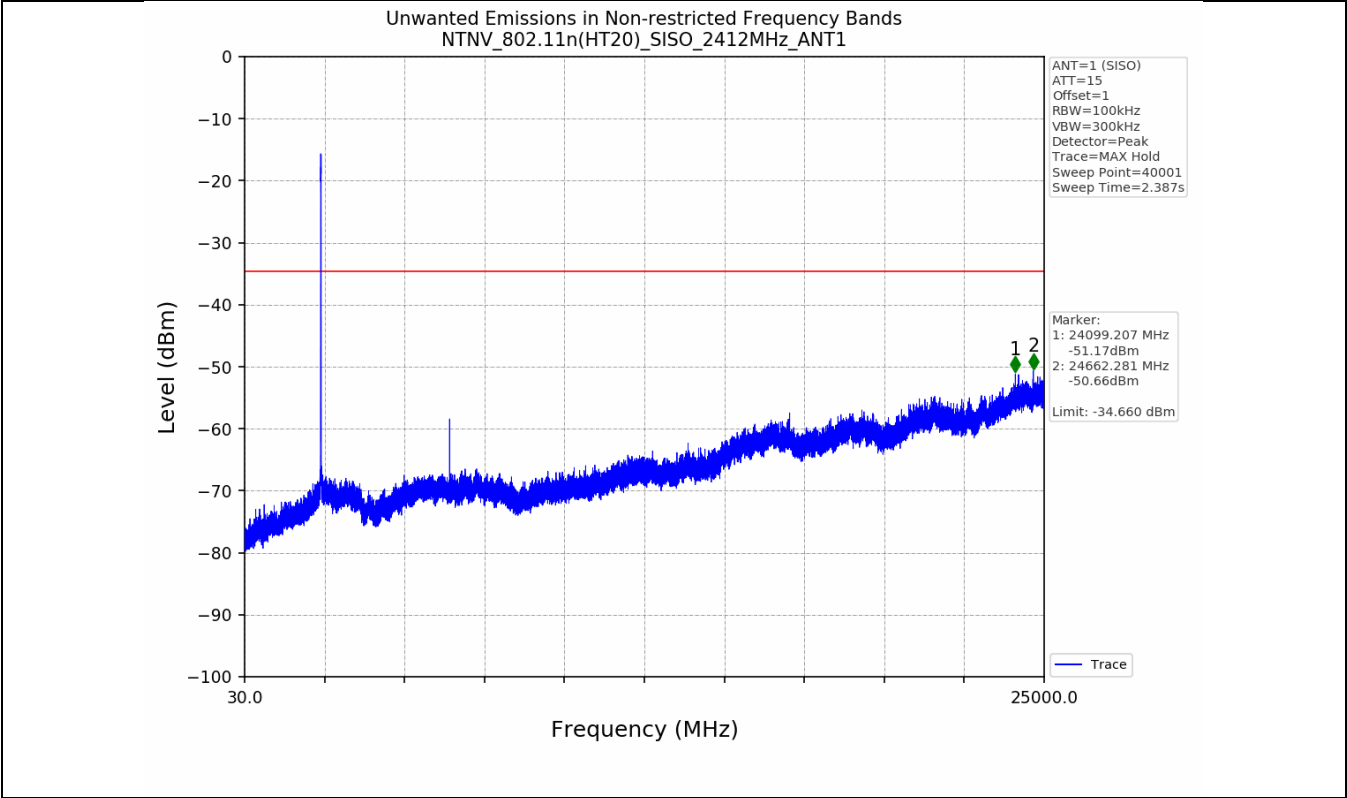
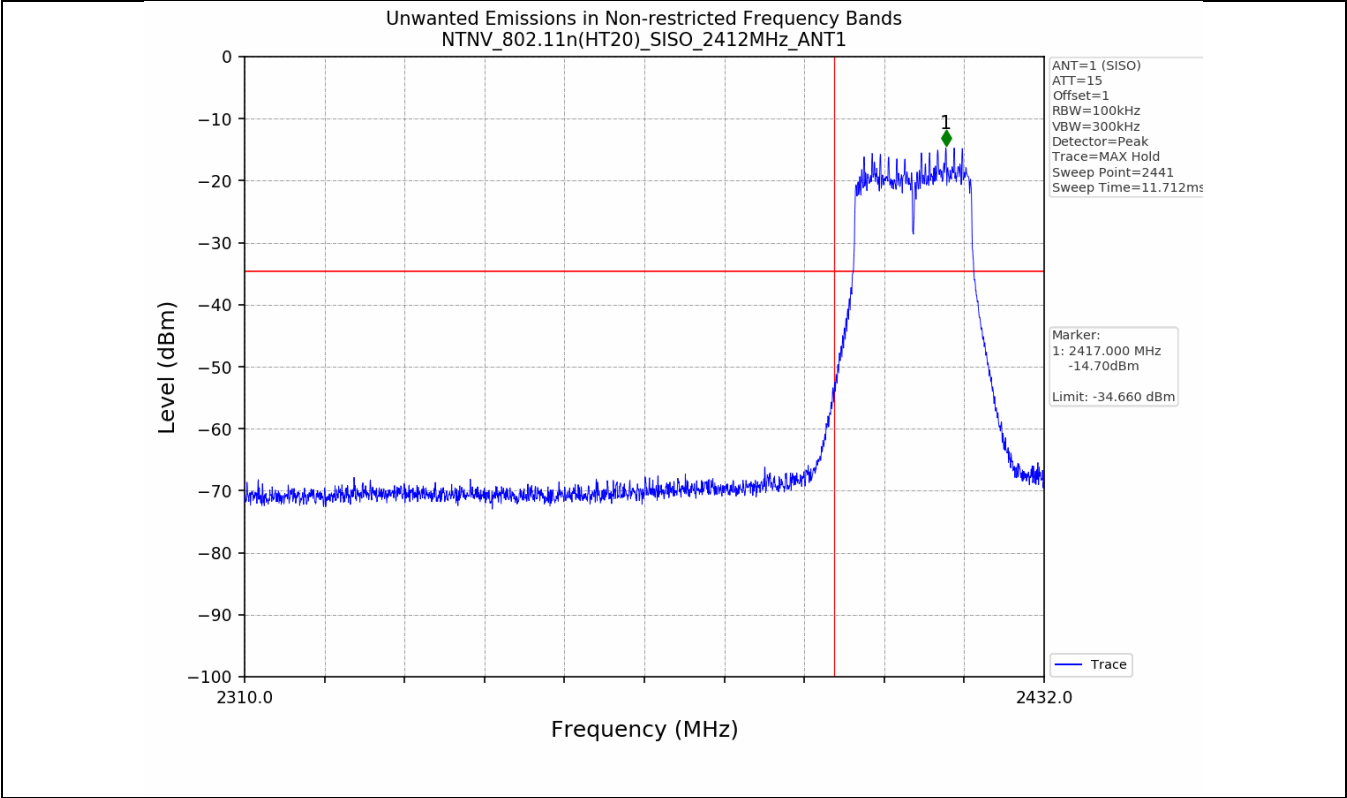


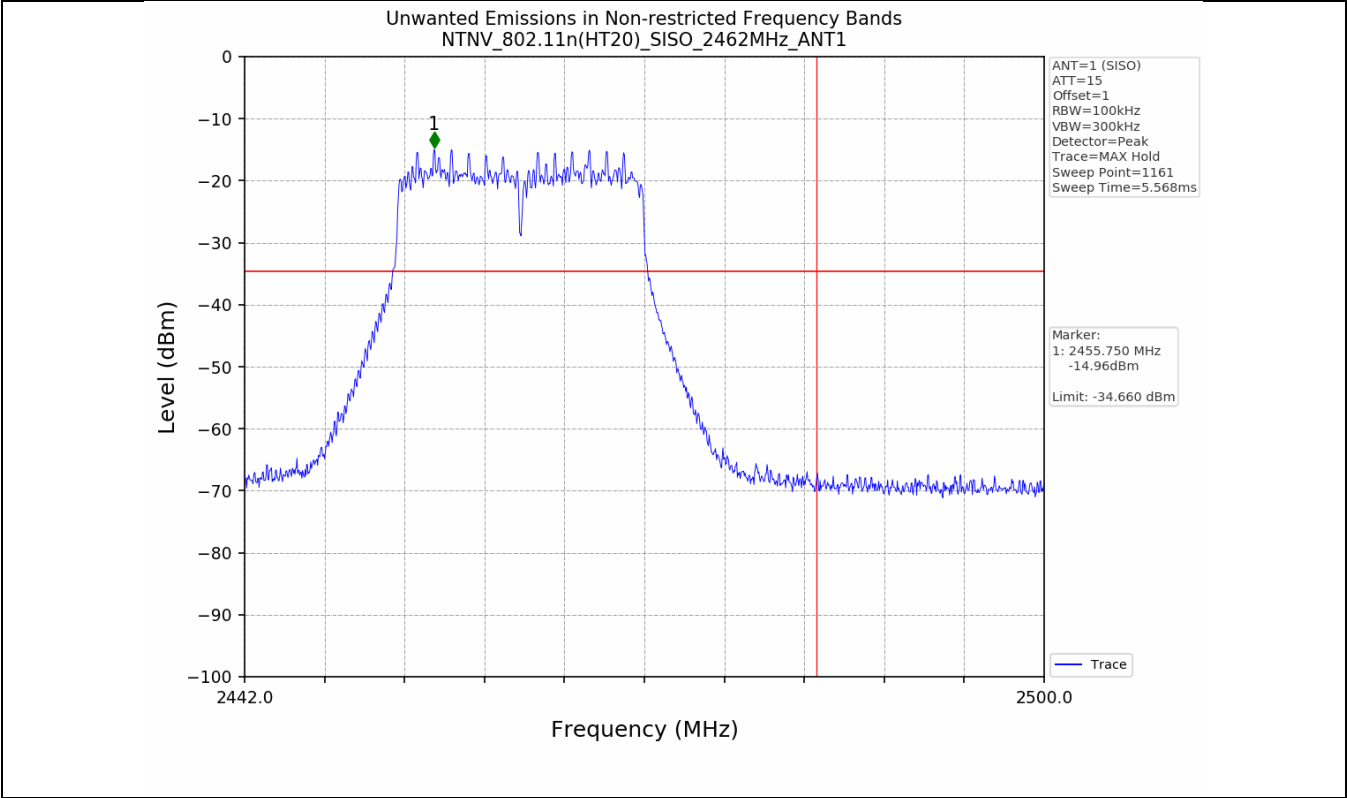
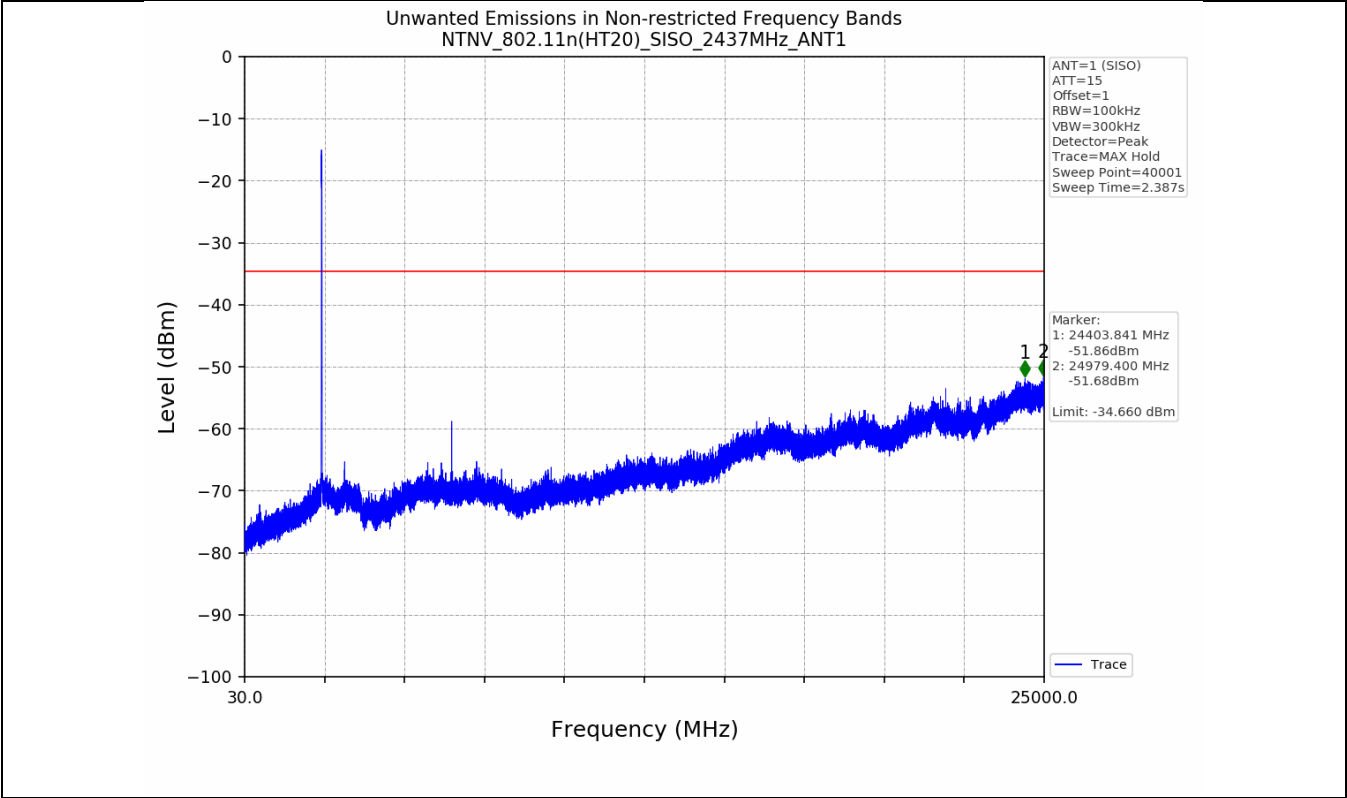


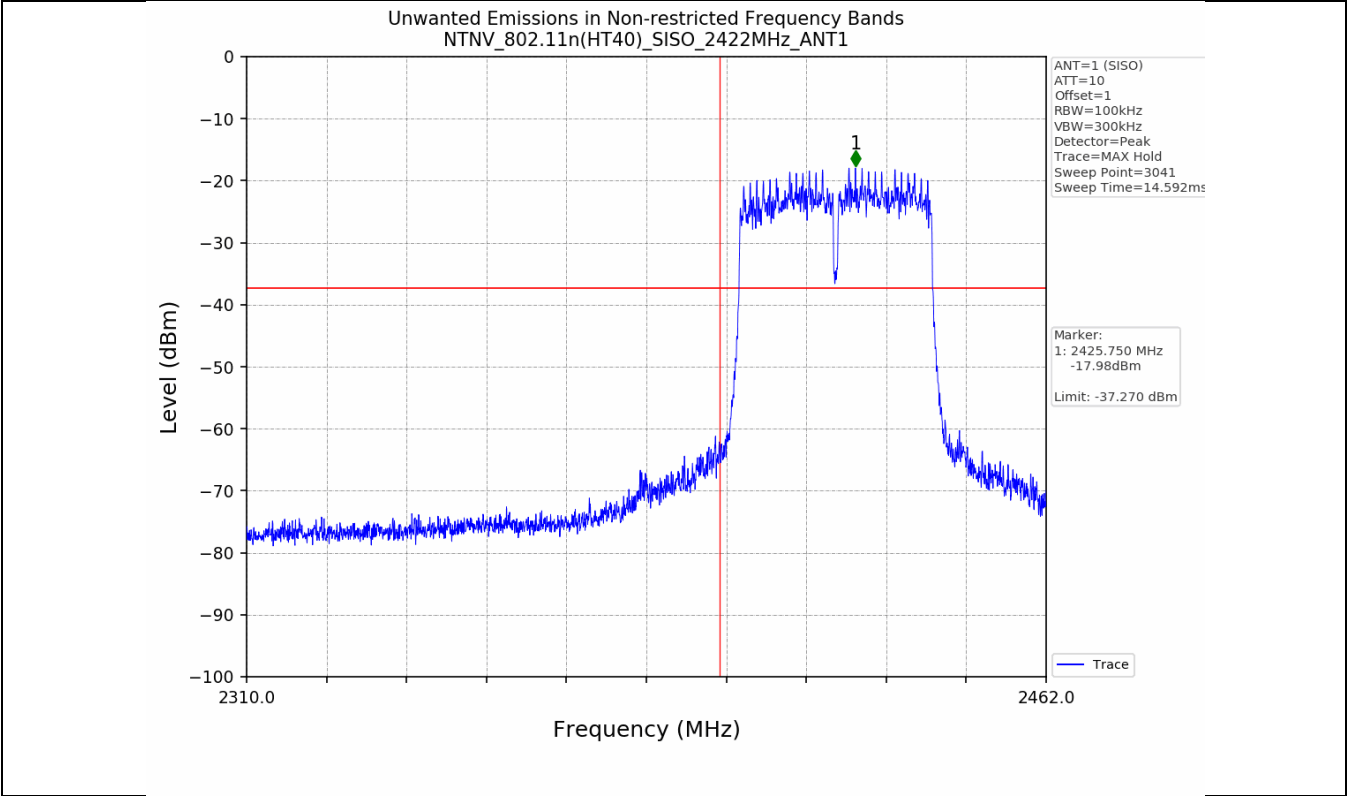
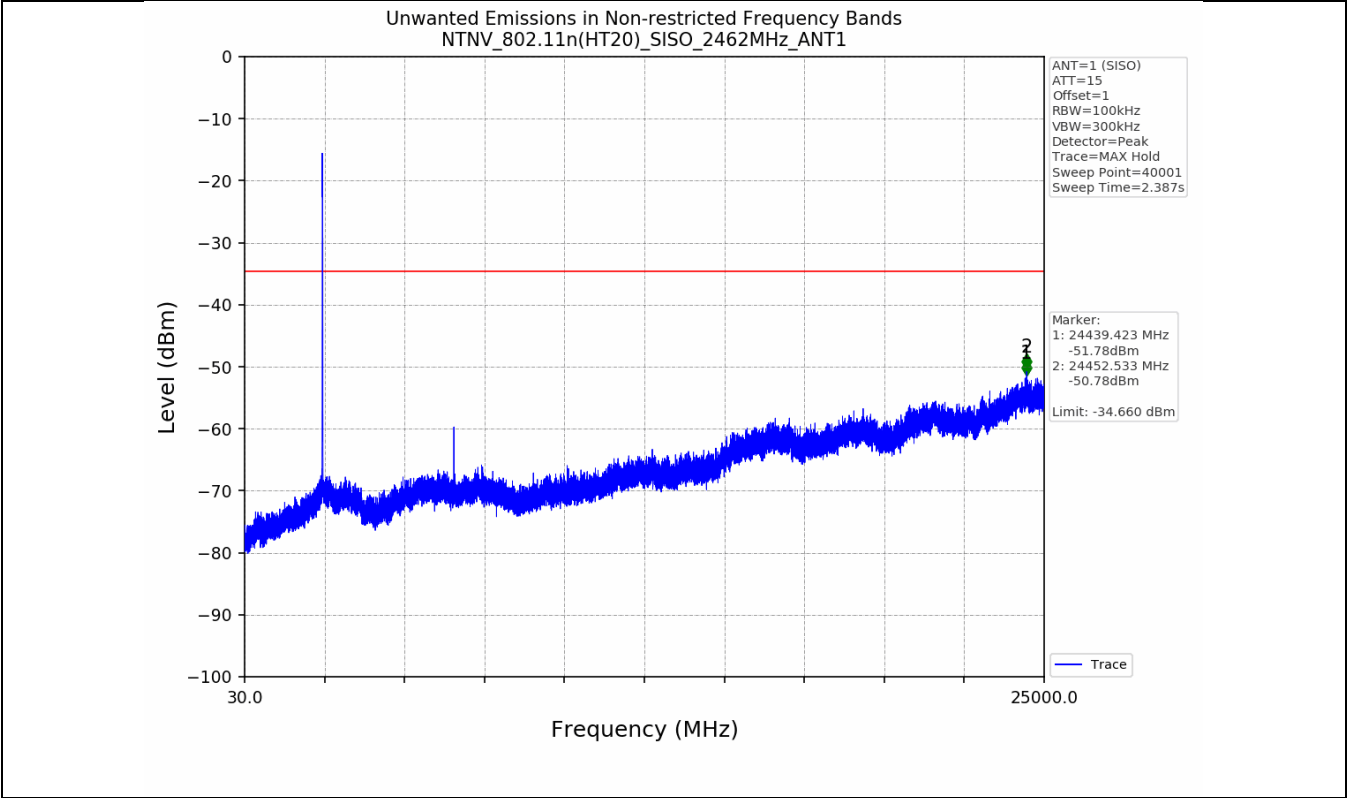


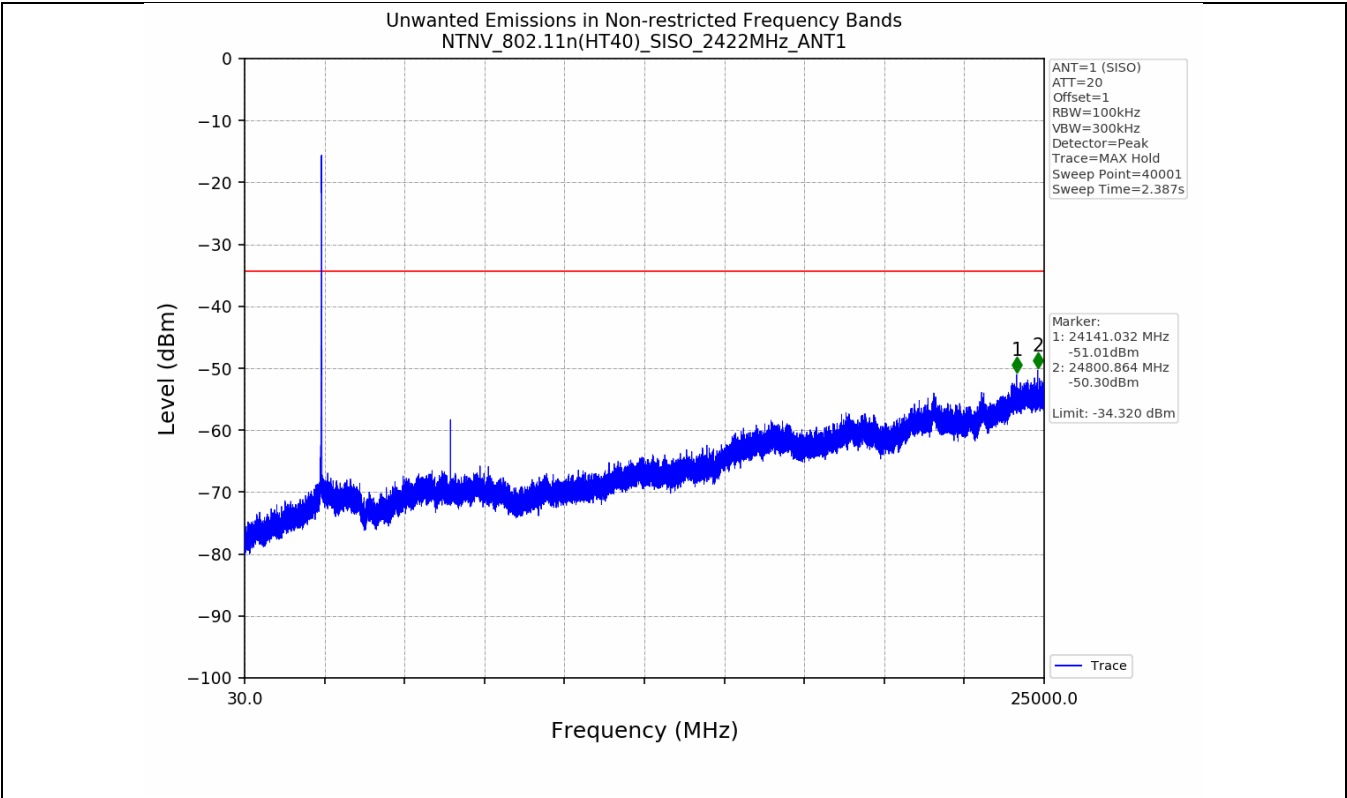
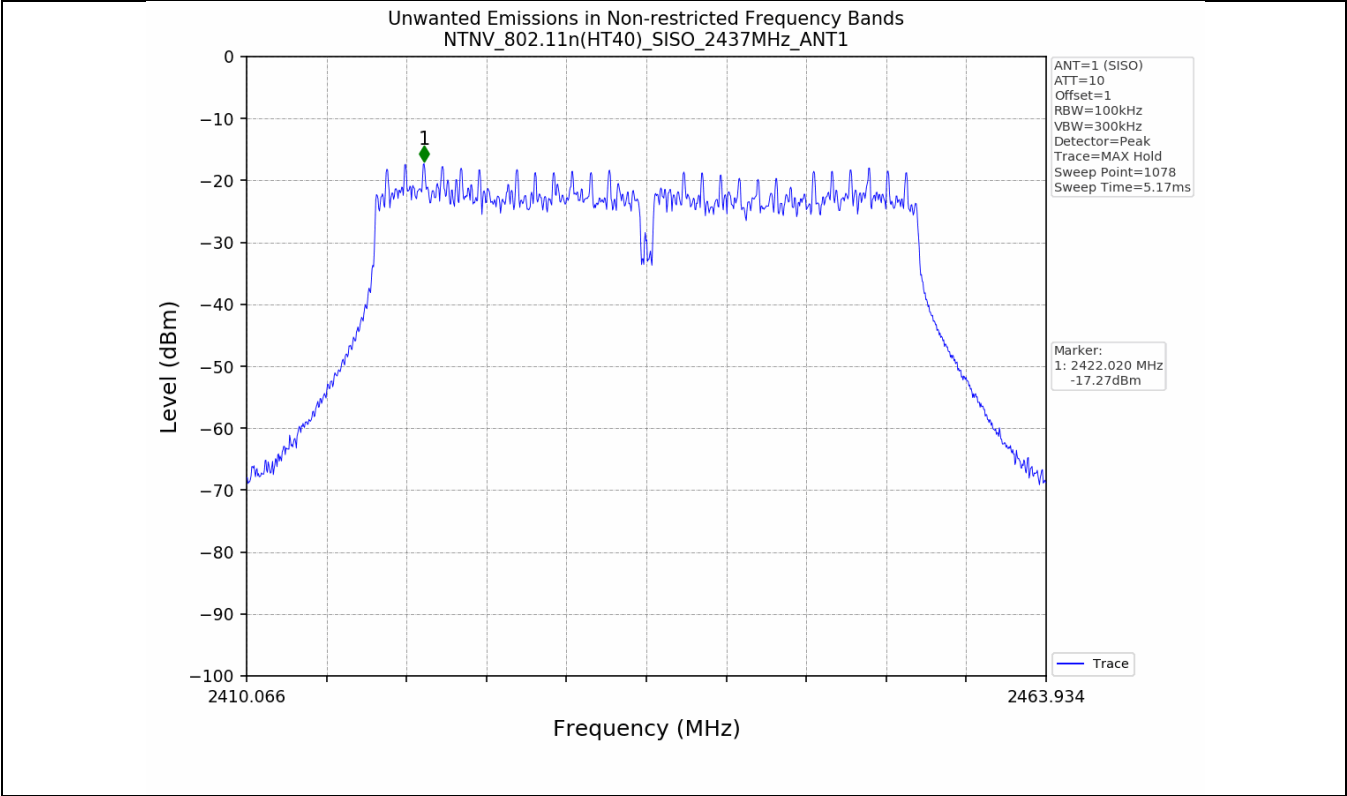


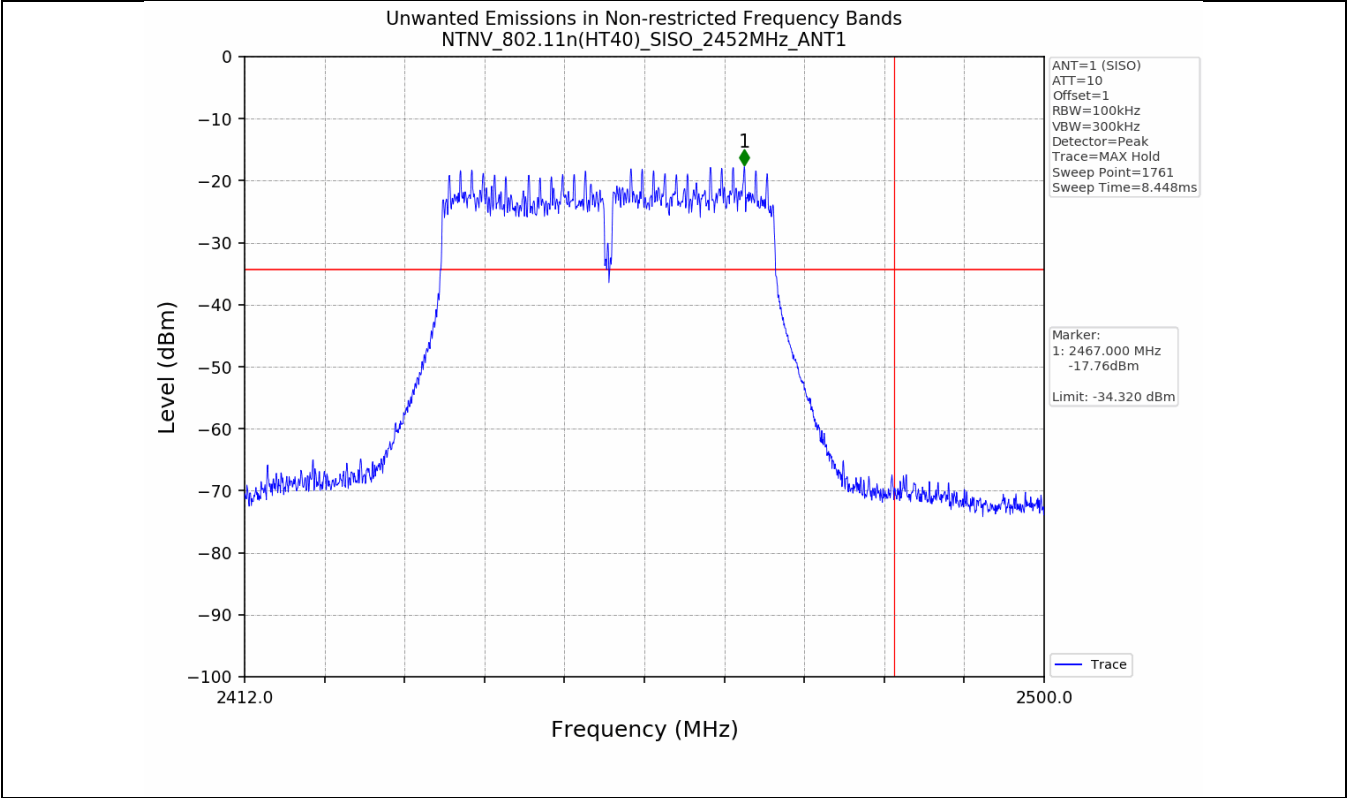
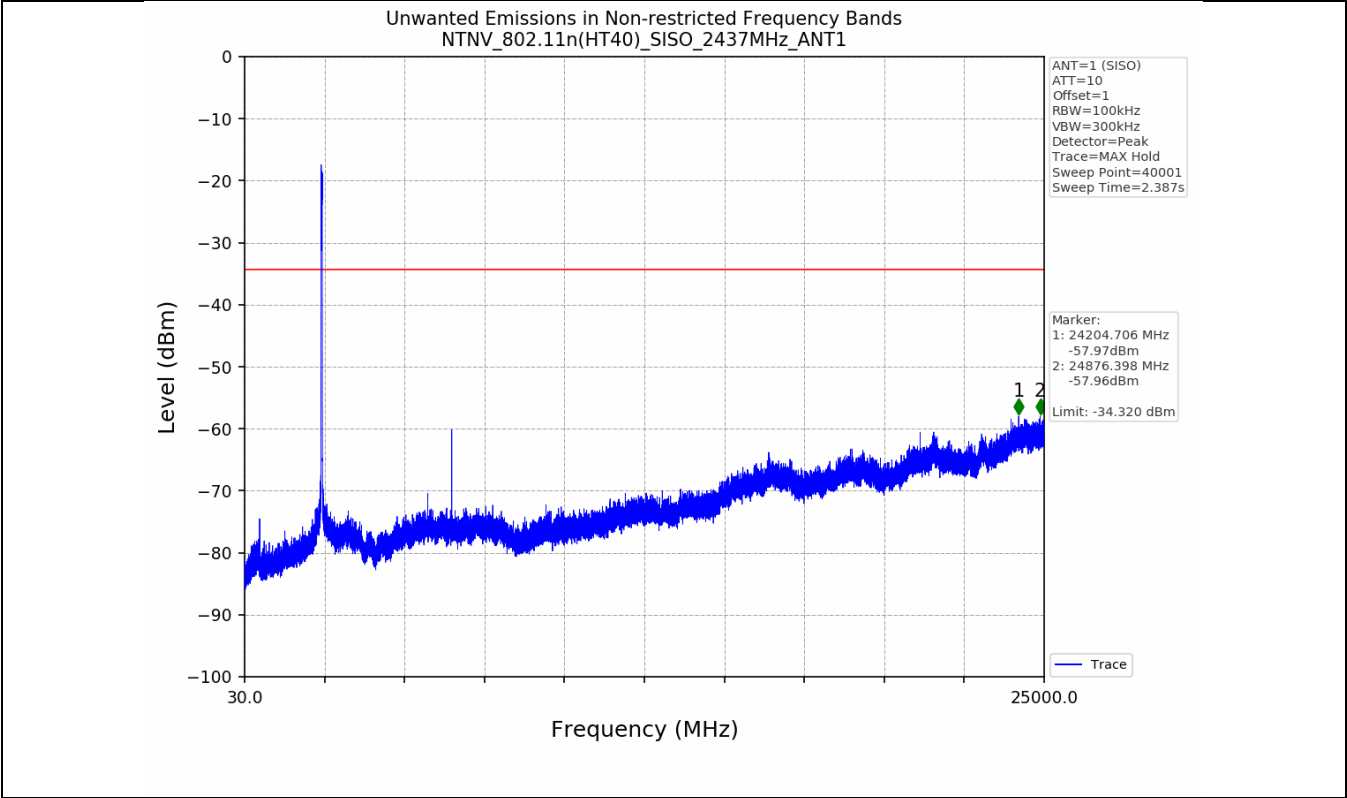




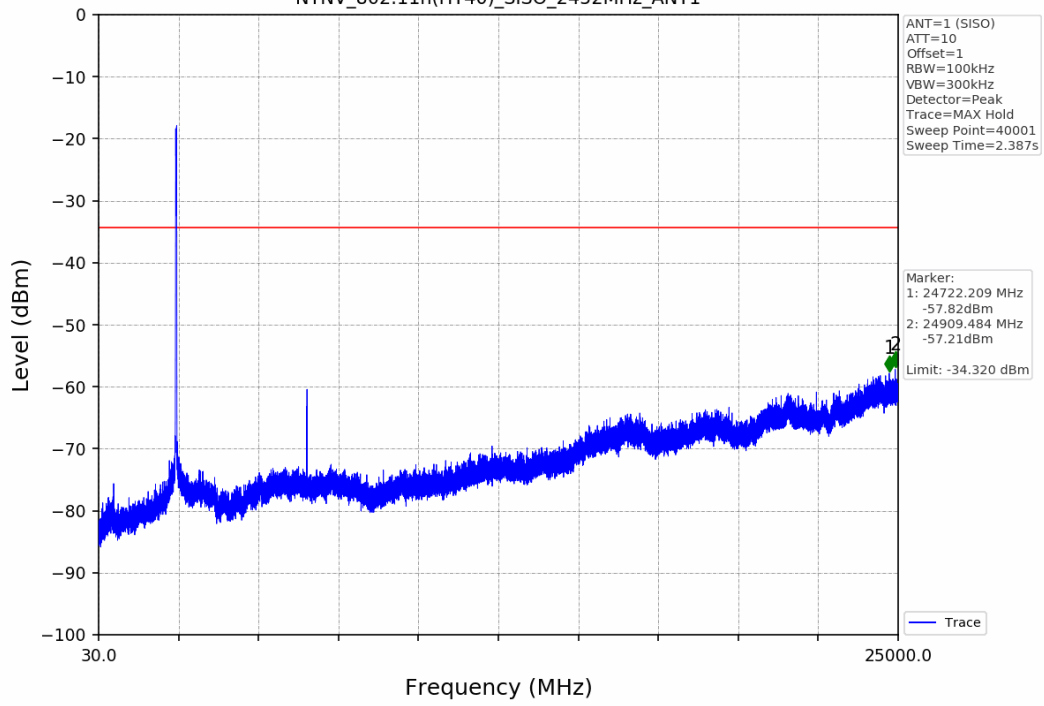








Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11n(HT40)_SISO_2452MHz_ANT1



5. Frequency Error

5.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT	Measured Frequency (MHz)		Verdict
				Test Result	Limit	
802.11b	2412	SISO	1	2412.30	2400-2483.5	PASS
	2437	SISO	1	2436.84	2400-2483.5	PASS
	2462	SISO	1	2461.98	2400-2483.5	PASS
802.11n(HT40)	2422	SISO	1	2422.00	2400-2483.5	PASS
	2437	SISO	1	2437.00	2400-2483.5	PASS
	2452	SISO	1	2452.00	2400-2483.5	PASS

5.2 Test Graph

