

Appendix for 15.247

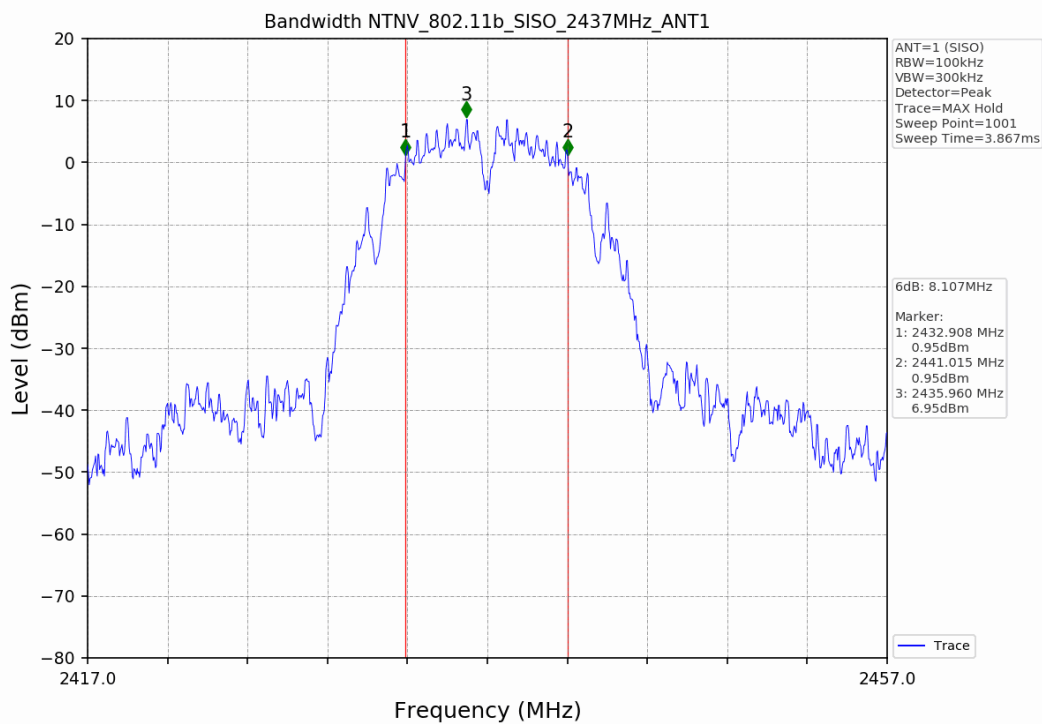
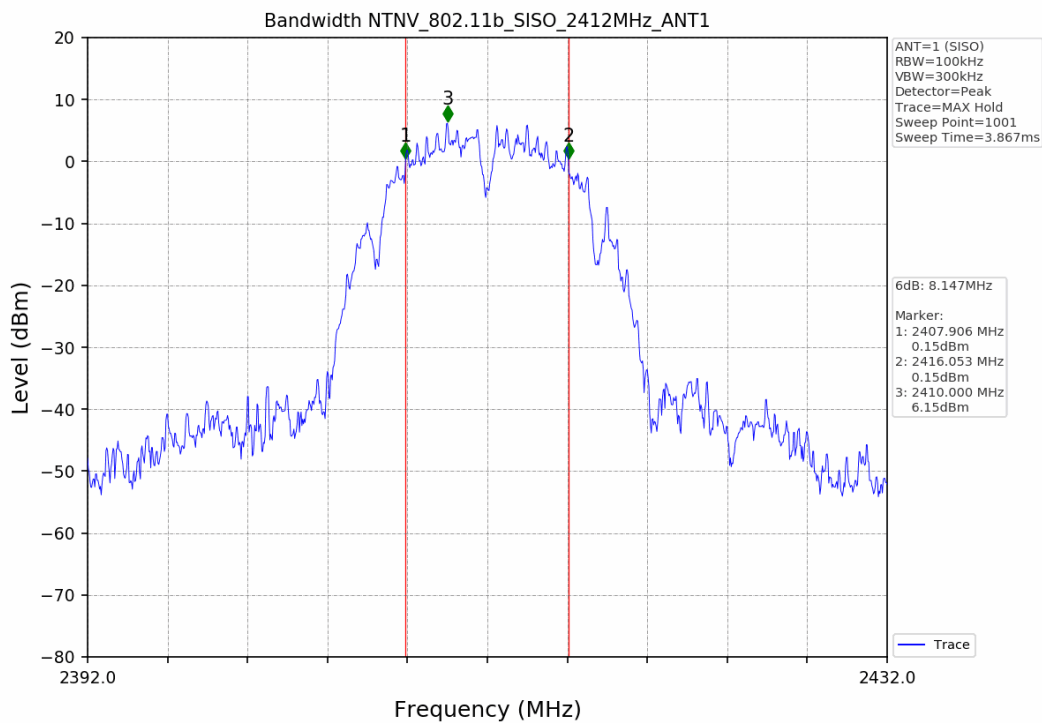
1. Bandwidth

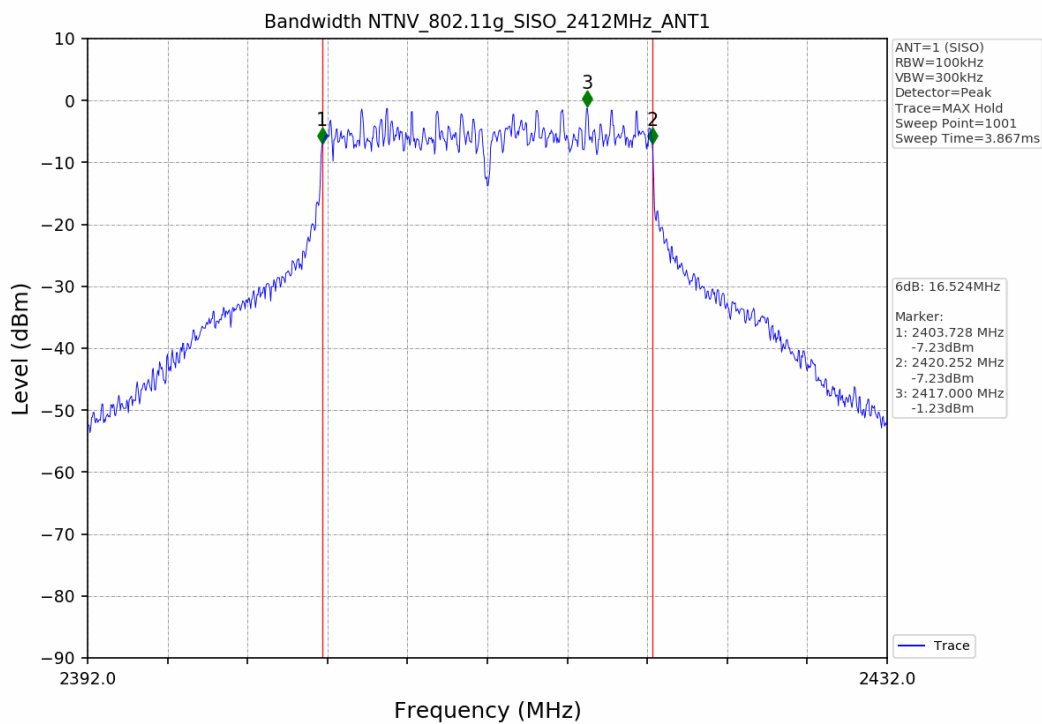
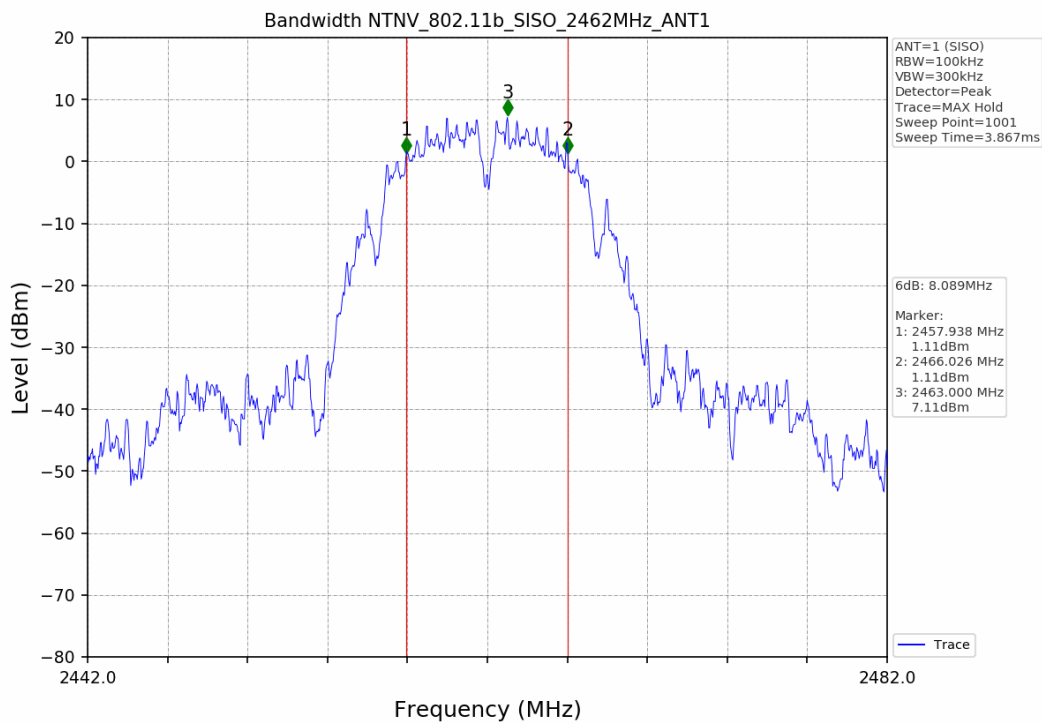
1.1 Test Result

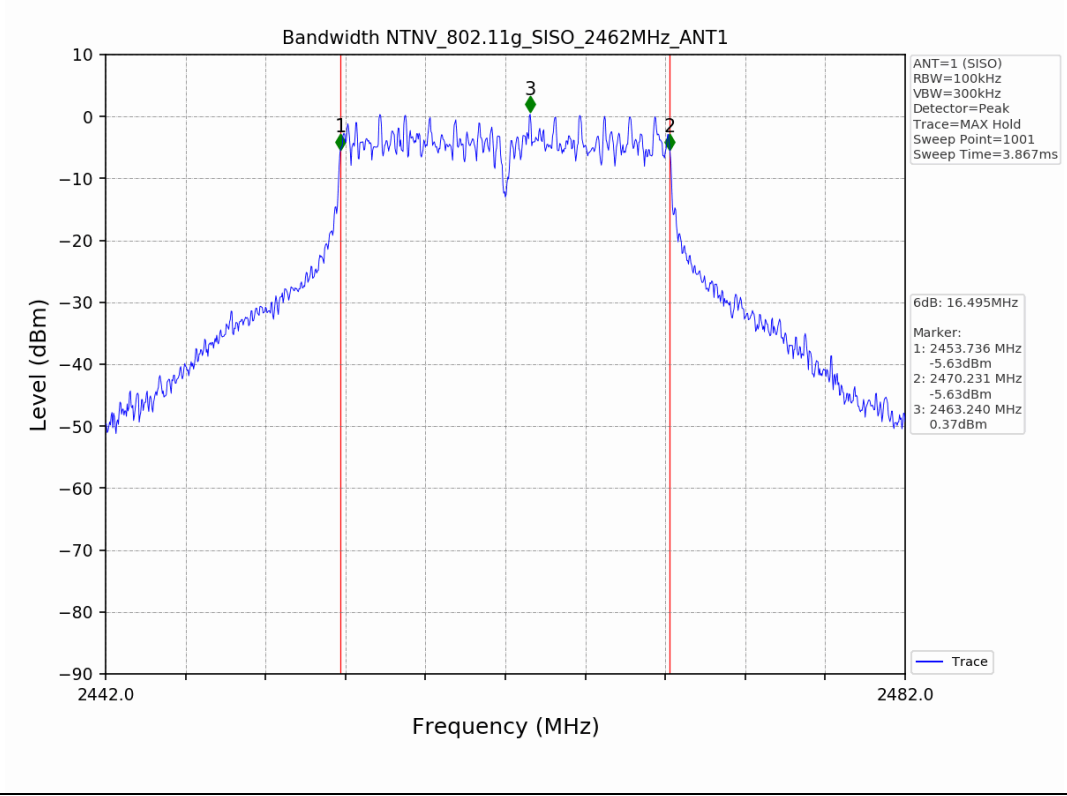
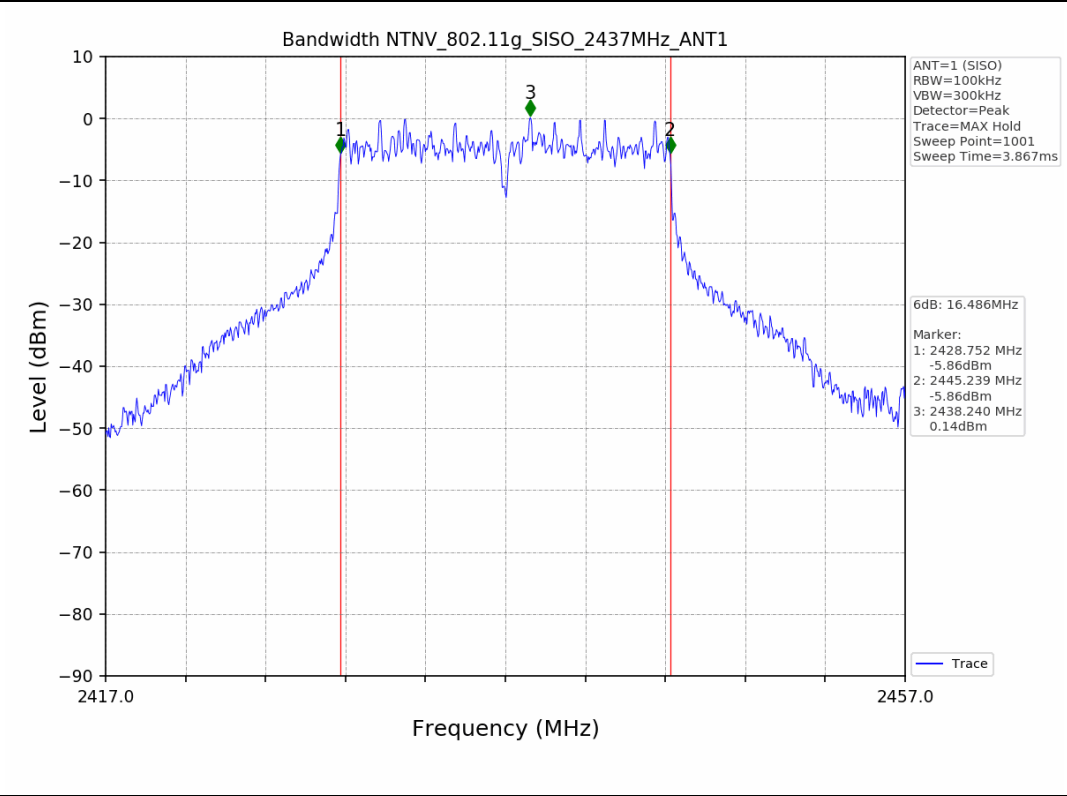
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11b	2412	SISO	1	8.147	≥0.5	PASS
	2437	SISO	1	8.107	≥0.5	PASS
	2462	SISO	1	8.089	≥0.5	PASS
802.11g	2412	SISO	1	16.524	≥0.5	PASS
	2437	SISO	1	16.486	≥0.5	PASS
	2462	SISO	1	16.495	≥0.5	PASS
802.11n(HT20)	2412	SISO	1	17.500	≥0.5	PASS
	2437	SISO	1	17.600	≥0.5	PASS
	2462	SISO	1	17.585	≥0.5	PASS

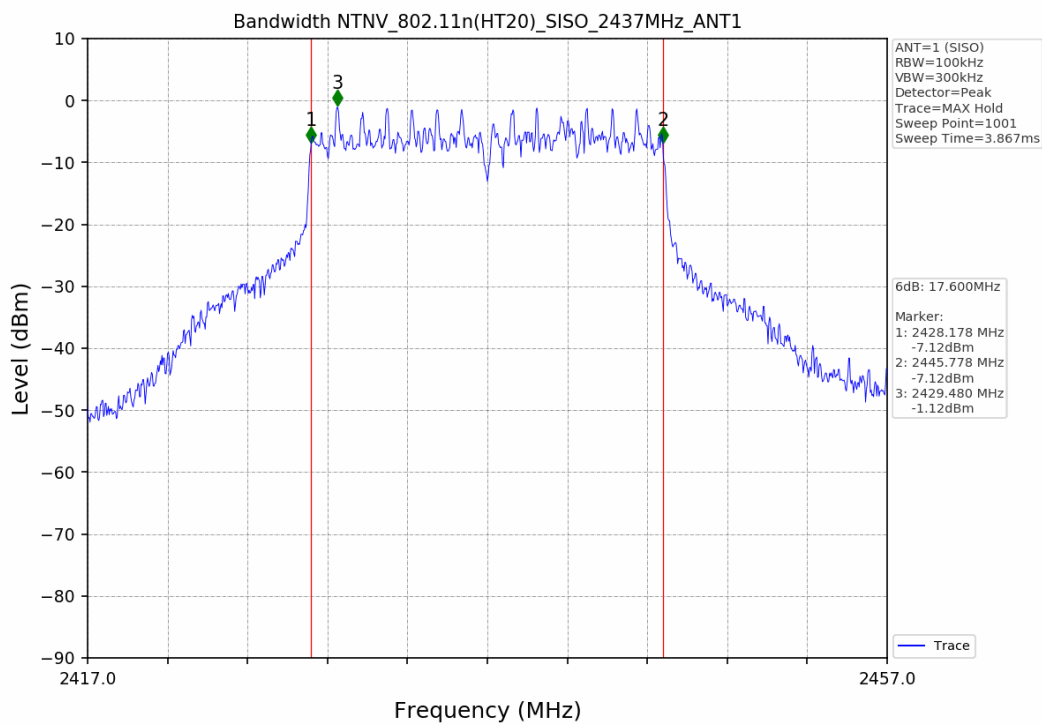
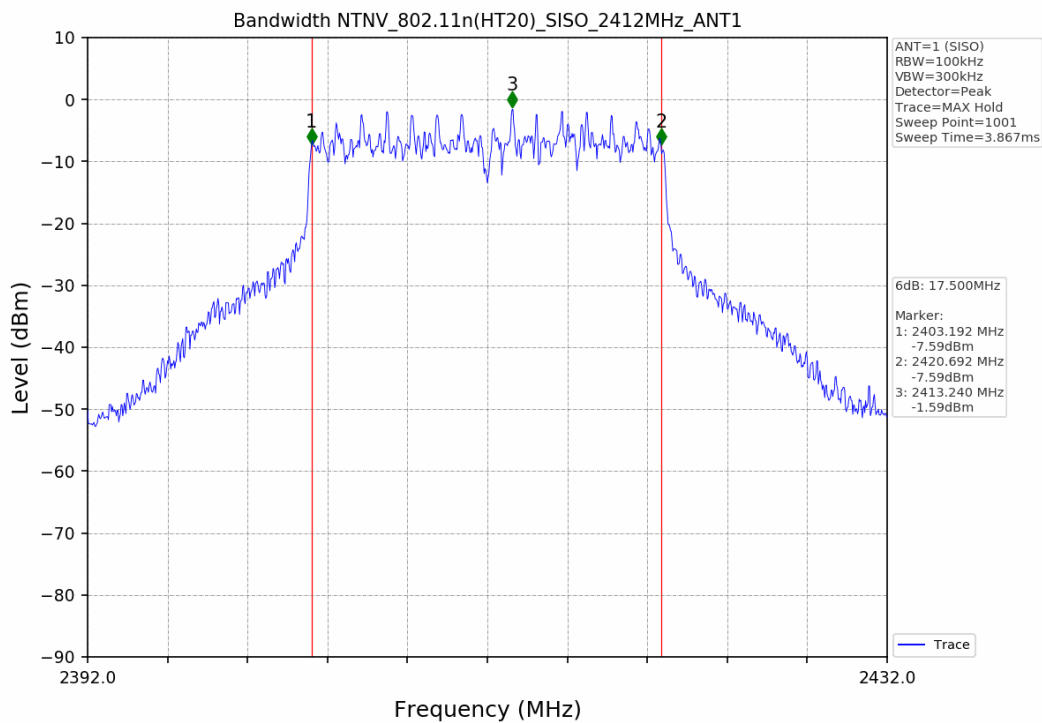
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	11.066	Only for Report Use
	2437	SISO	1	11.129	Only for Report Use
	2462	SISO	1	11.167	Only for Report Use
802.11g	2412	SISO	1	16.937	Only for Report Use
	2437	SISO	1	16.908	Only for Report Use
	2462	SISO	1	16.932	Only for Report Use
802.11n(HT20)	2412	SISO	1	17.955	Only for Report Use
	2437	SISO	1	17.988	Only for Report Use
	2462	SISO	1	17.920	Only for Report Use

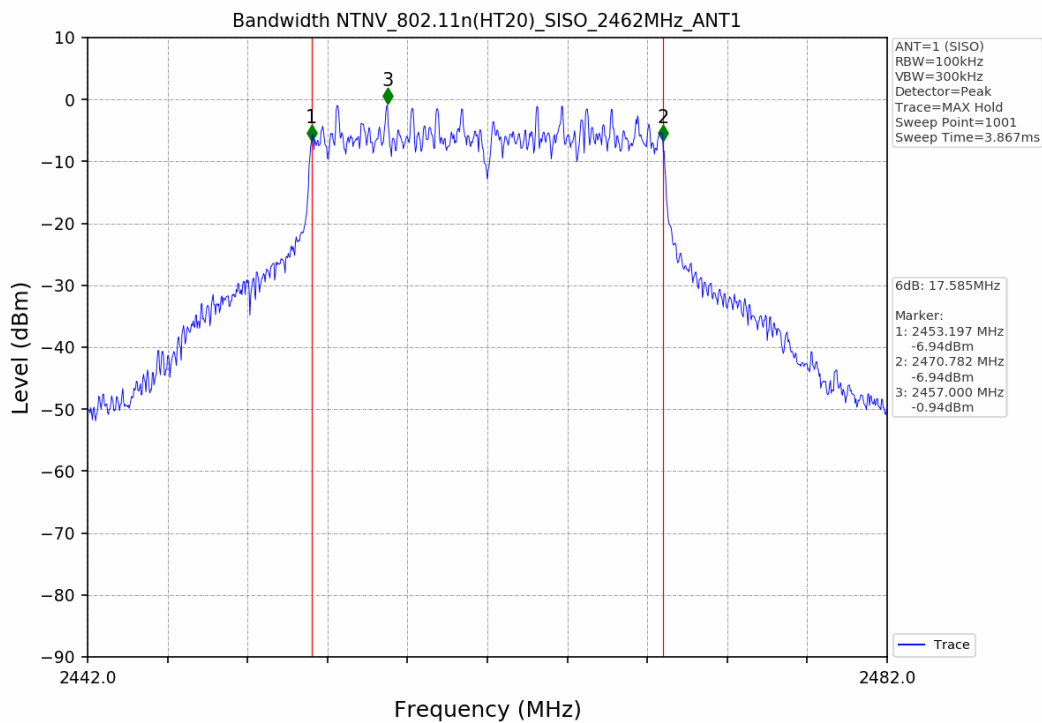
1.2 Test Graph - 6dB Bandwidth



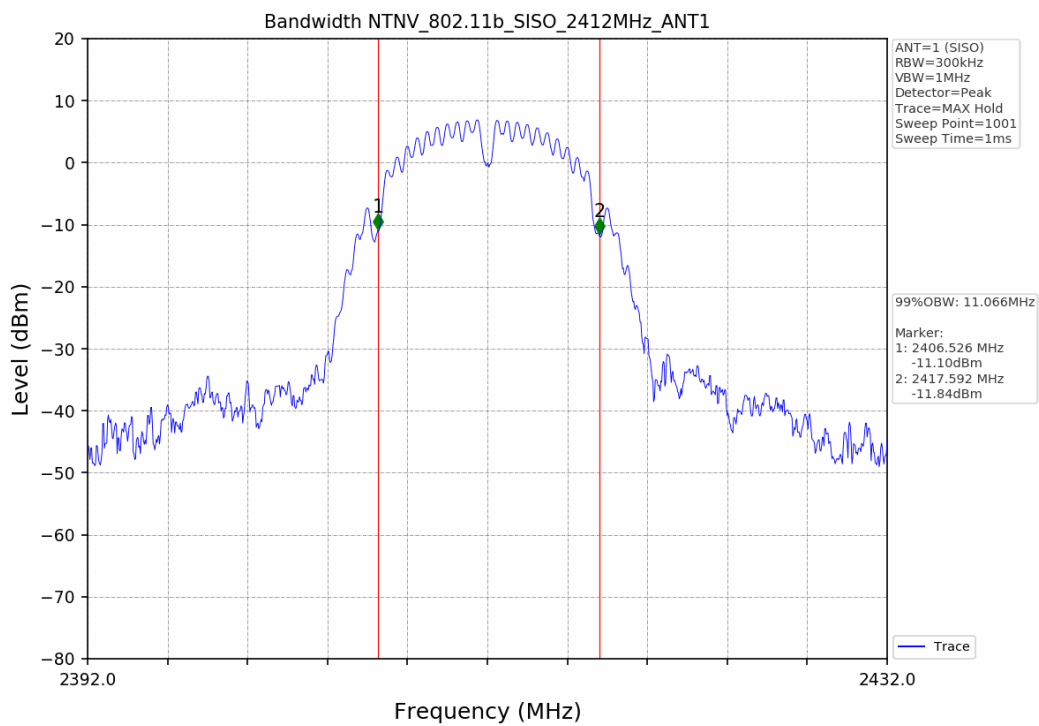


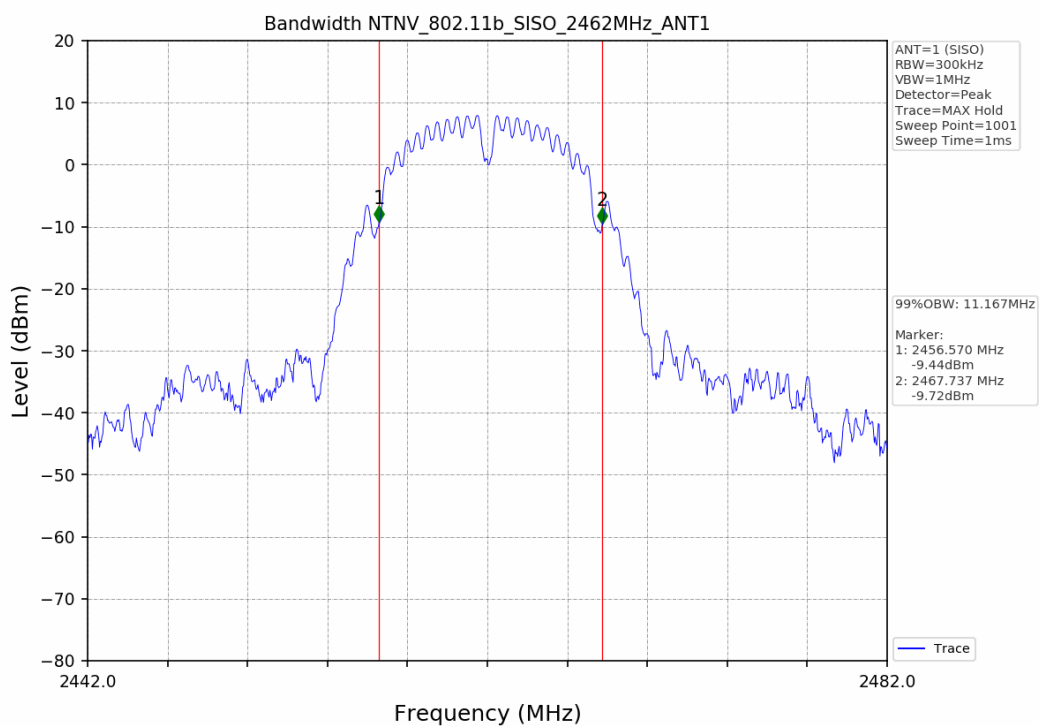
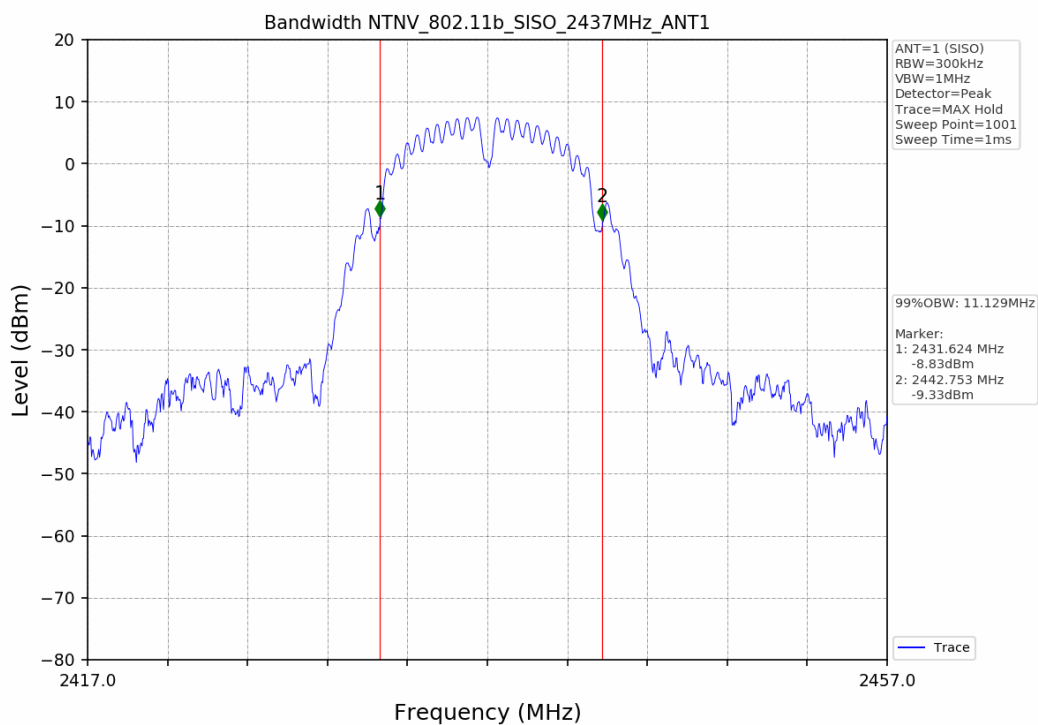


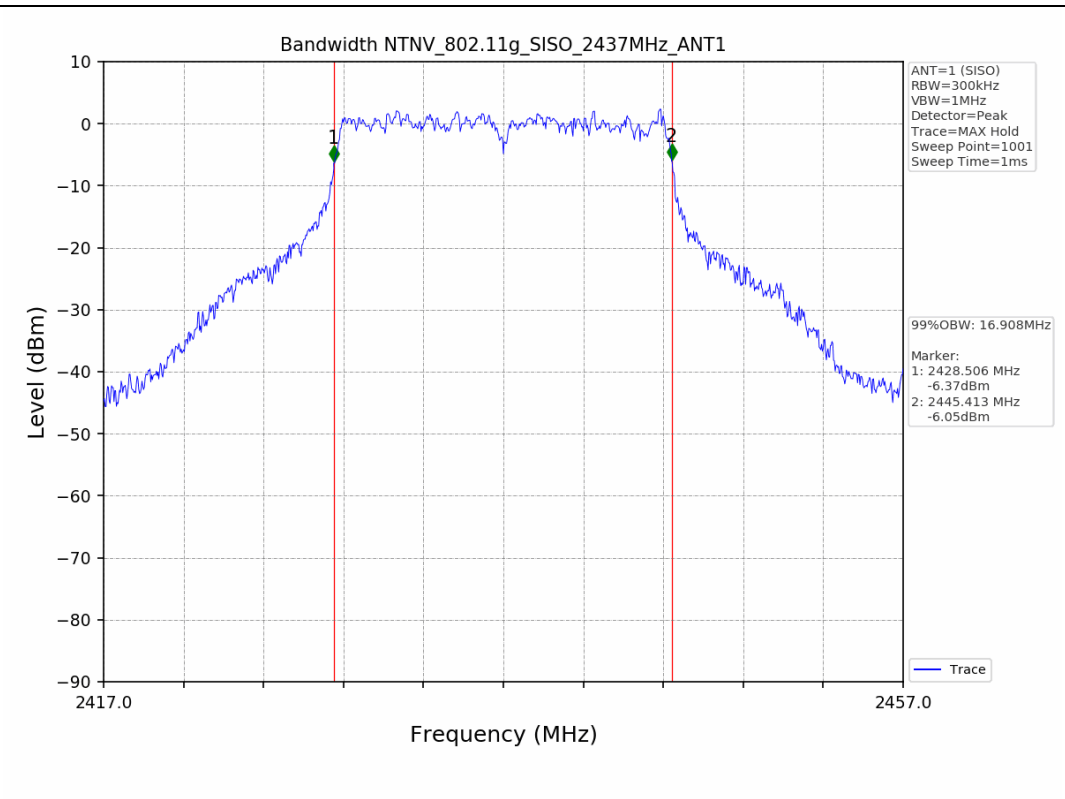
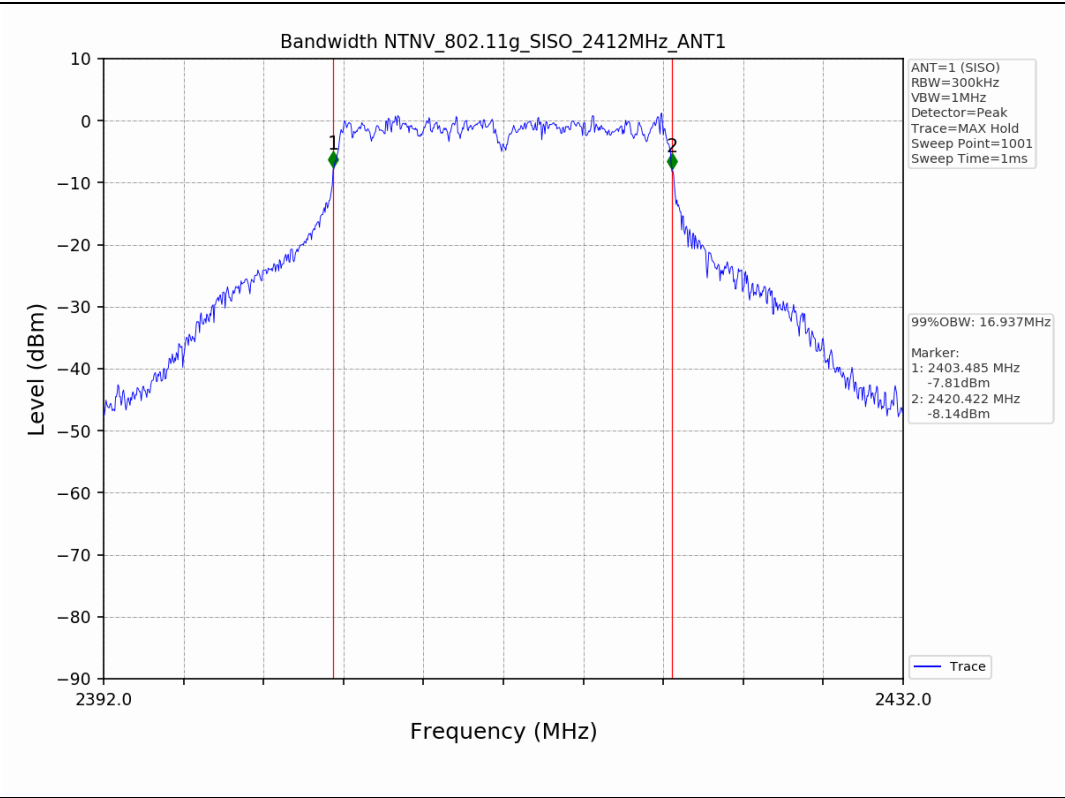


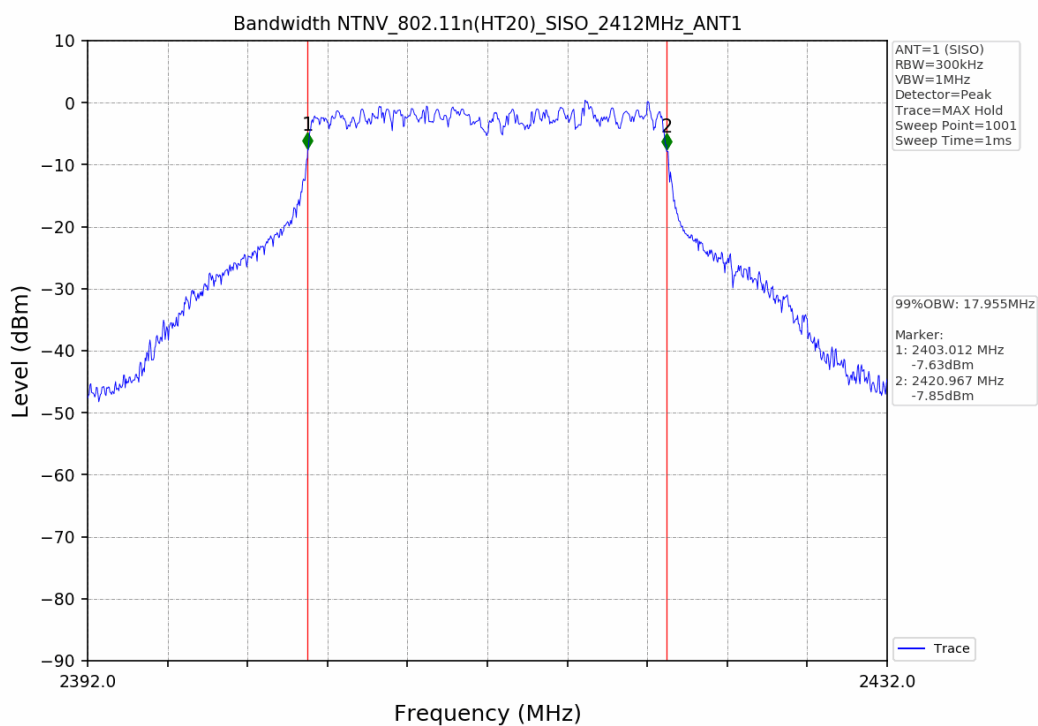
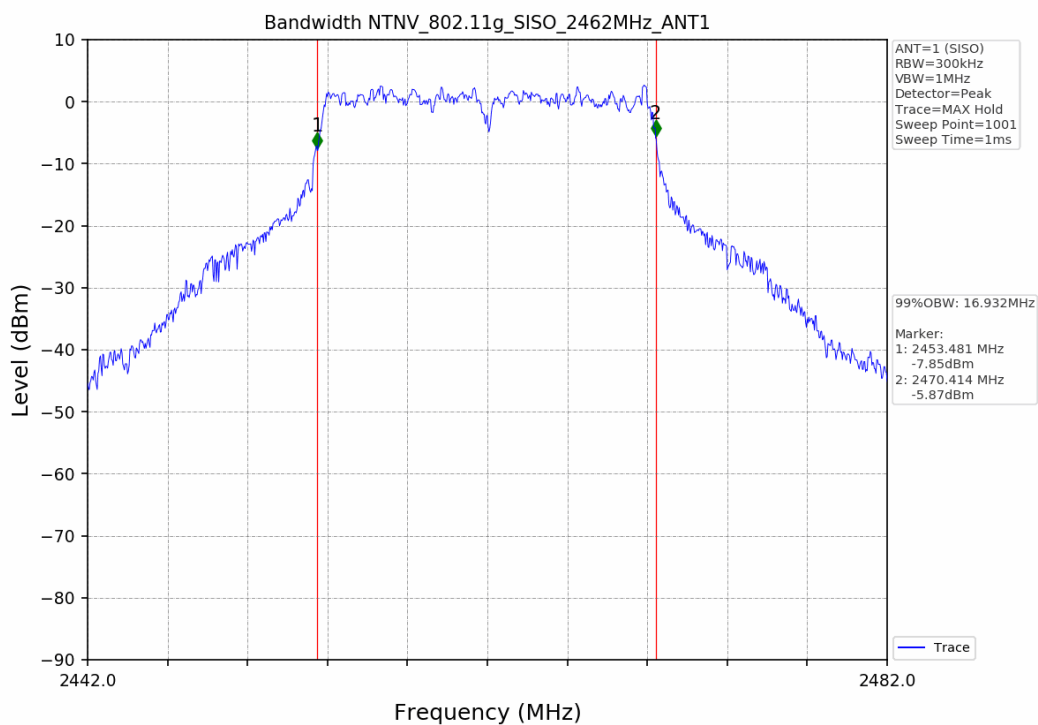


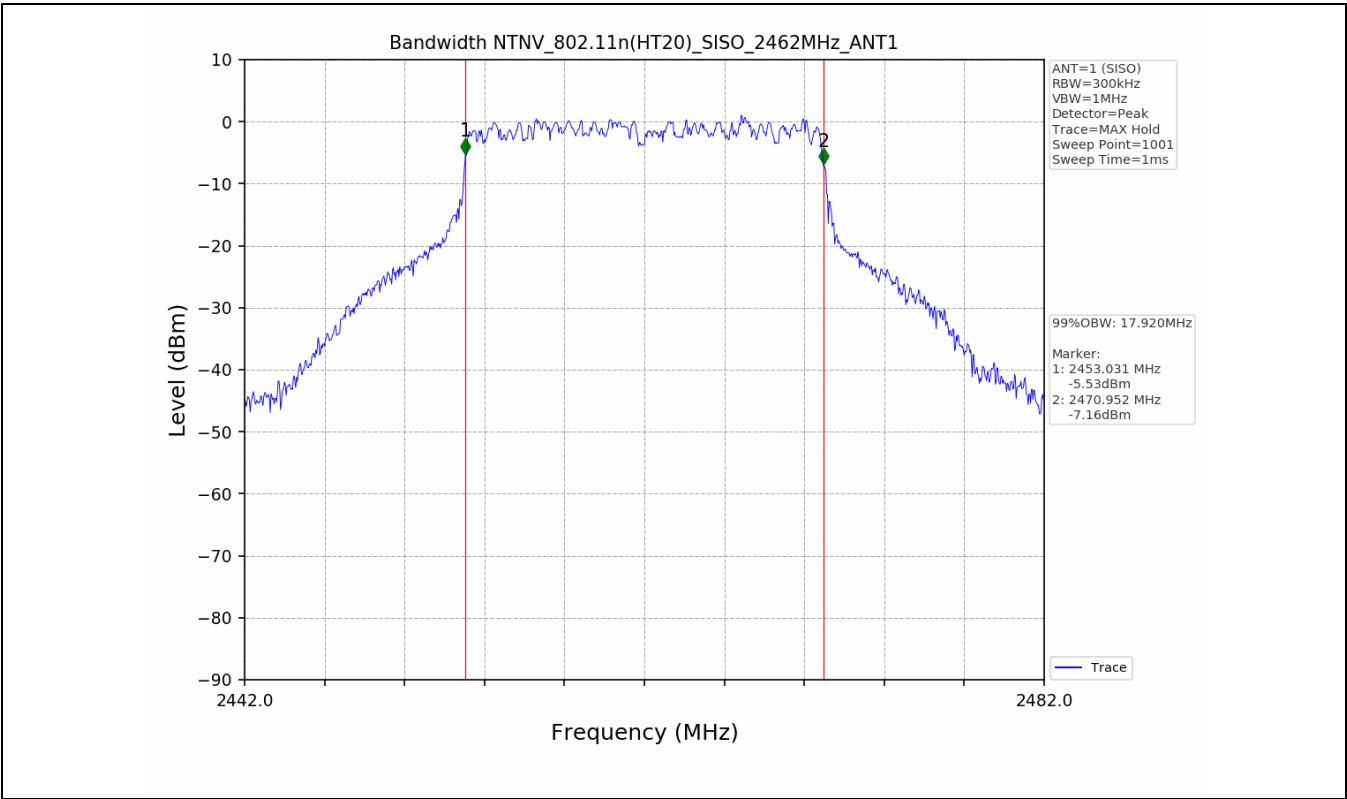
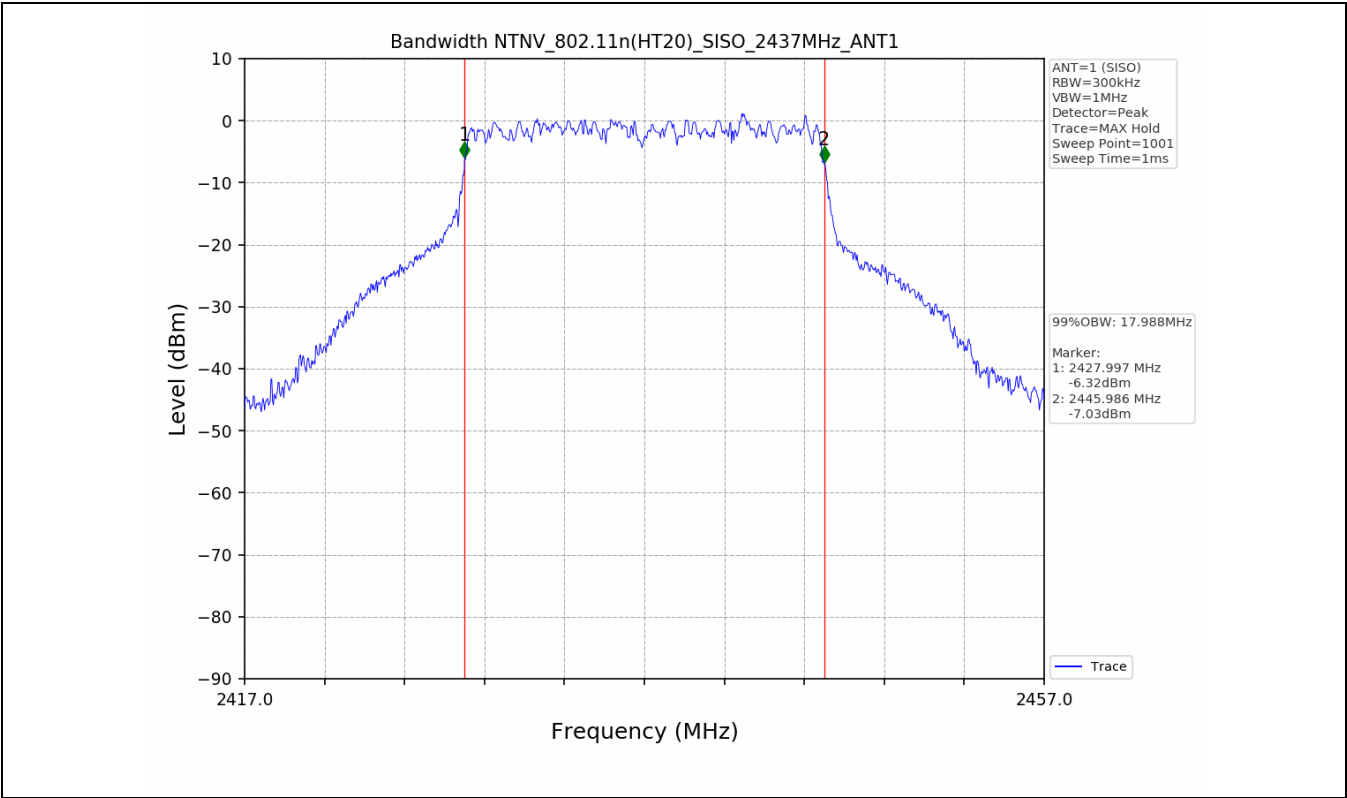
1.3 Test Graph - 99% Occupied Bandwidth









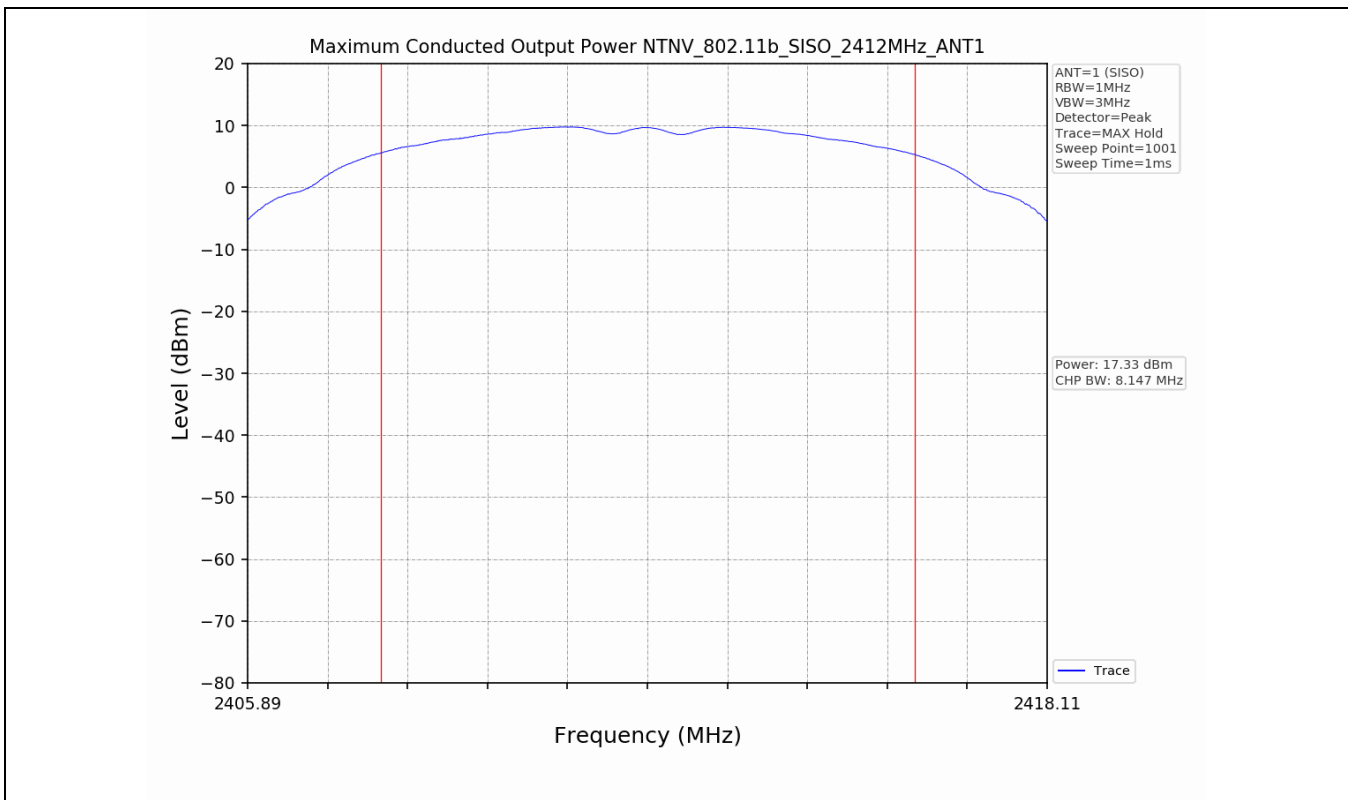


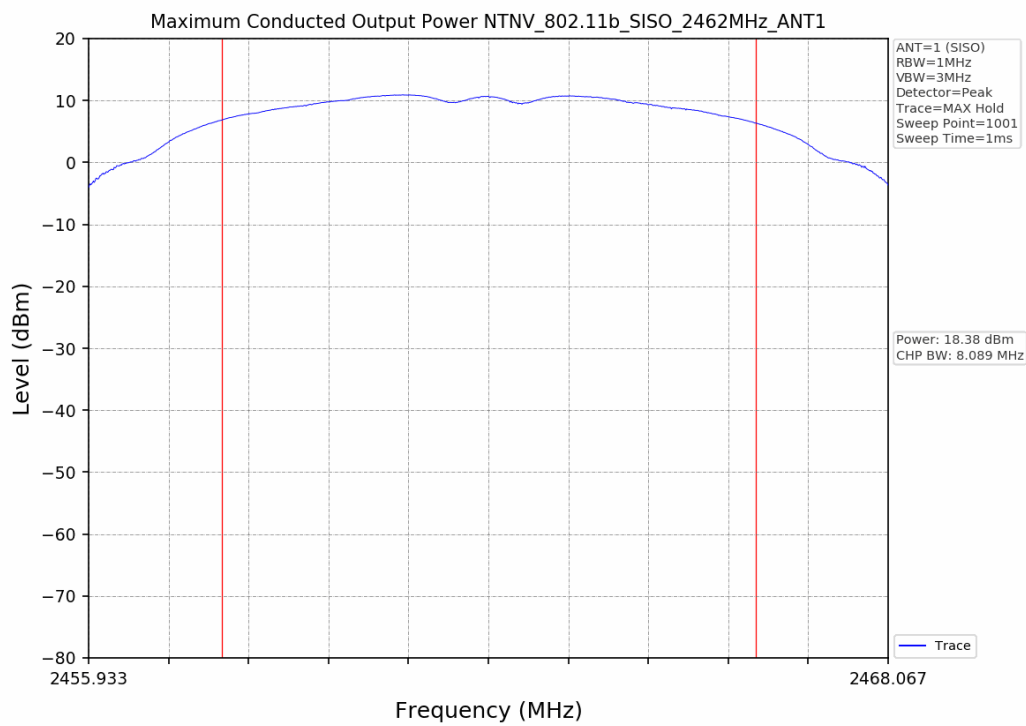
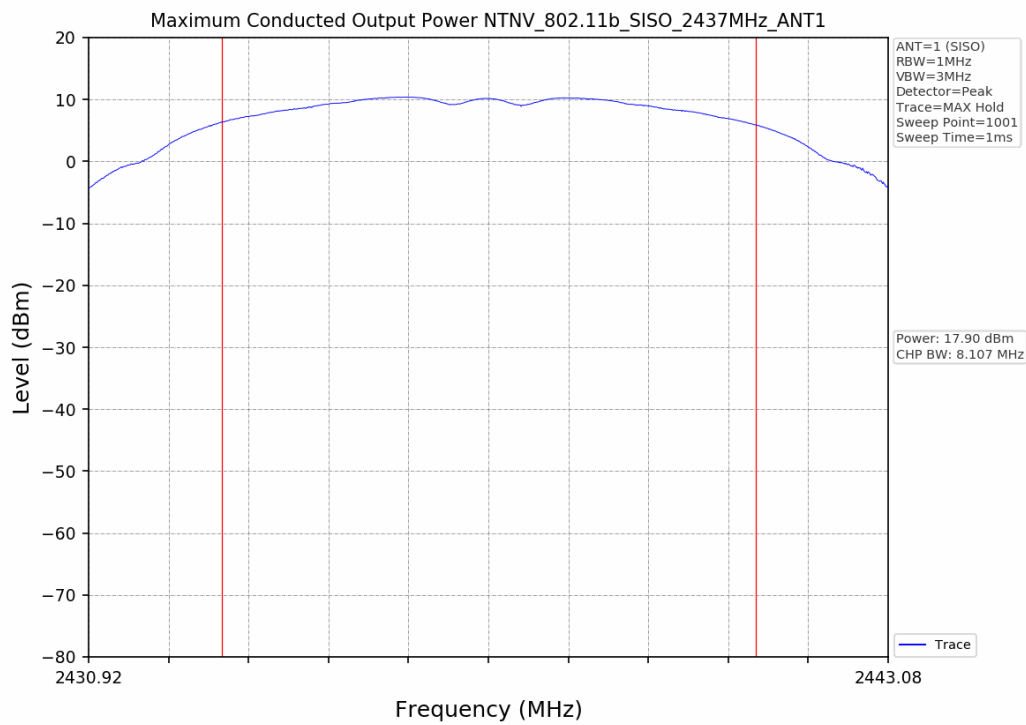
2. Maximum Conducted Output Power

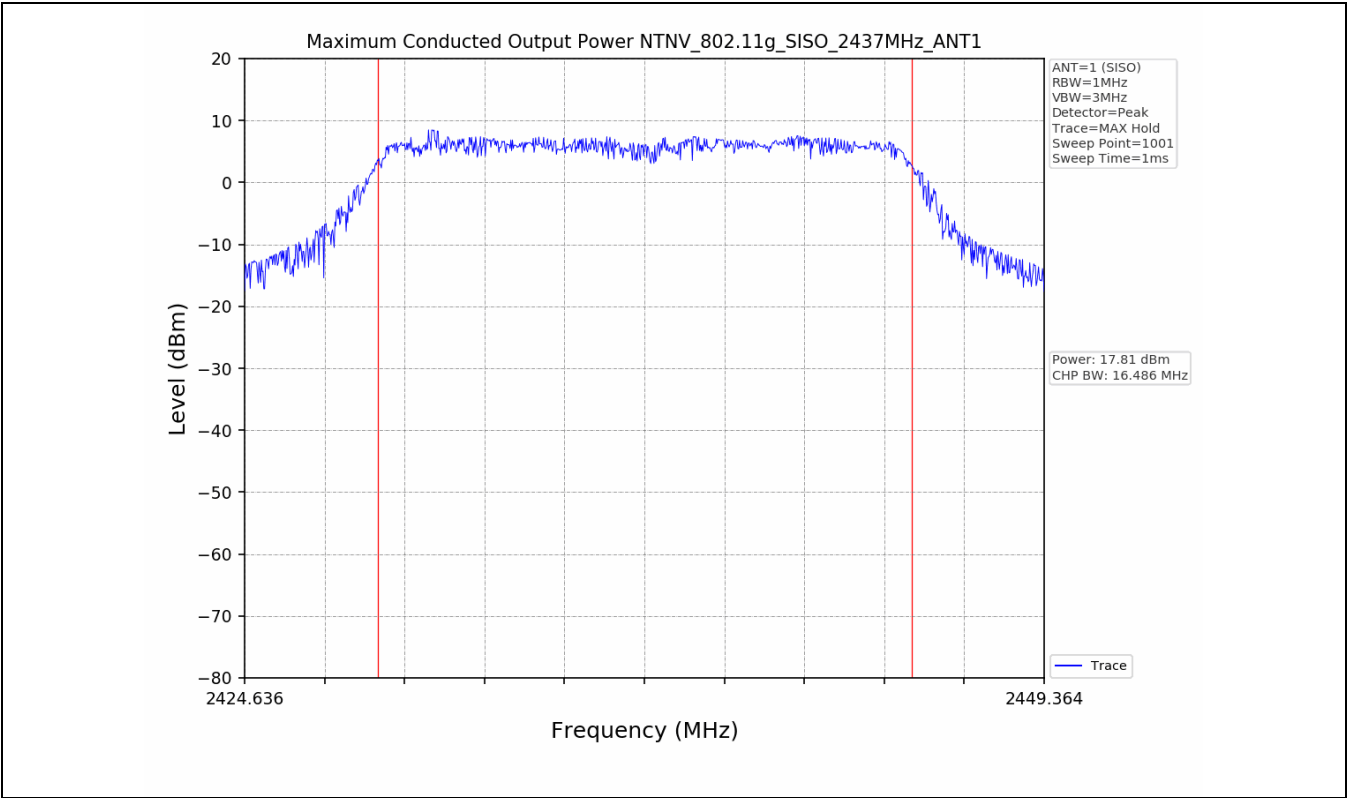
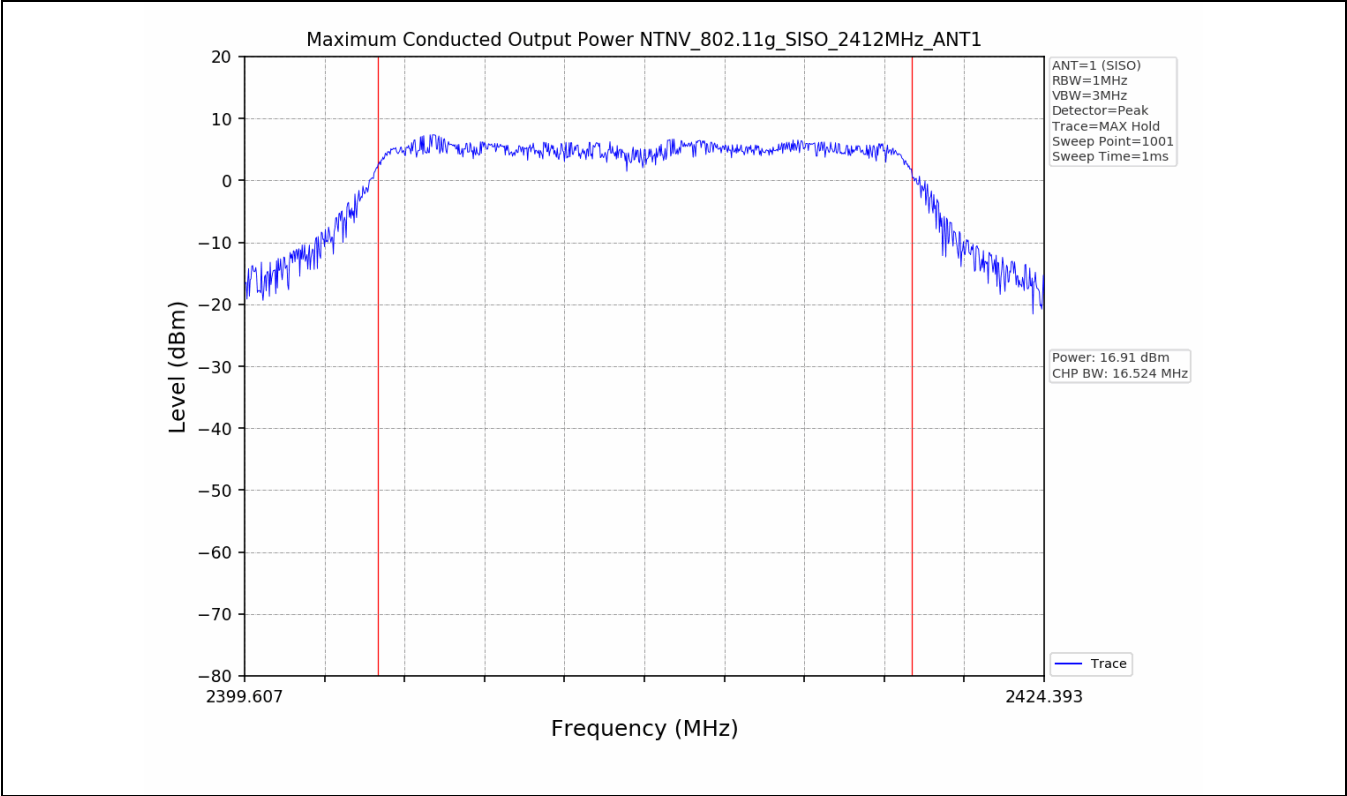
2.1 Test Result

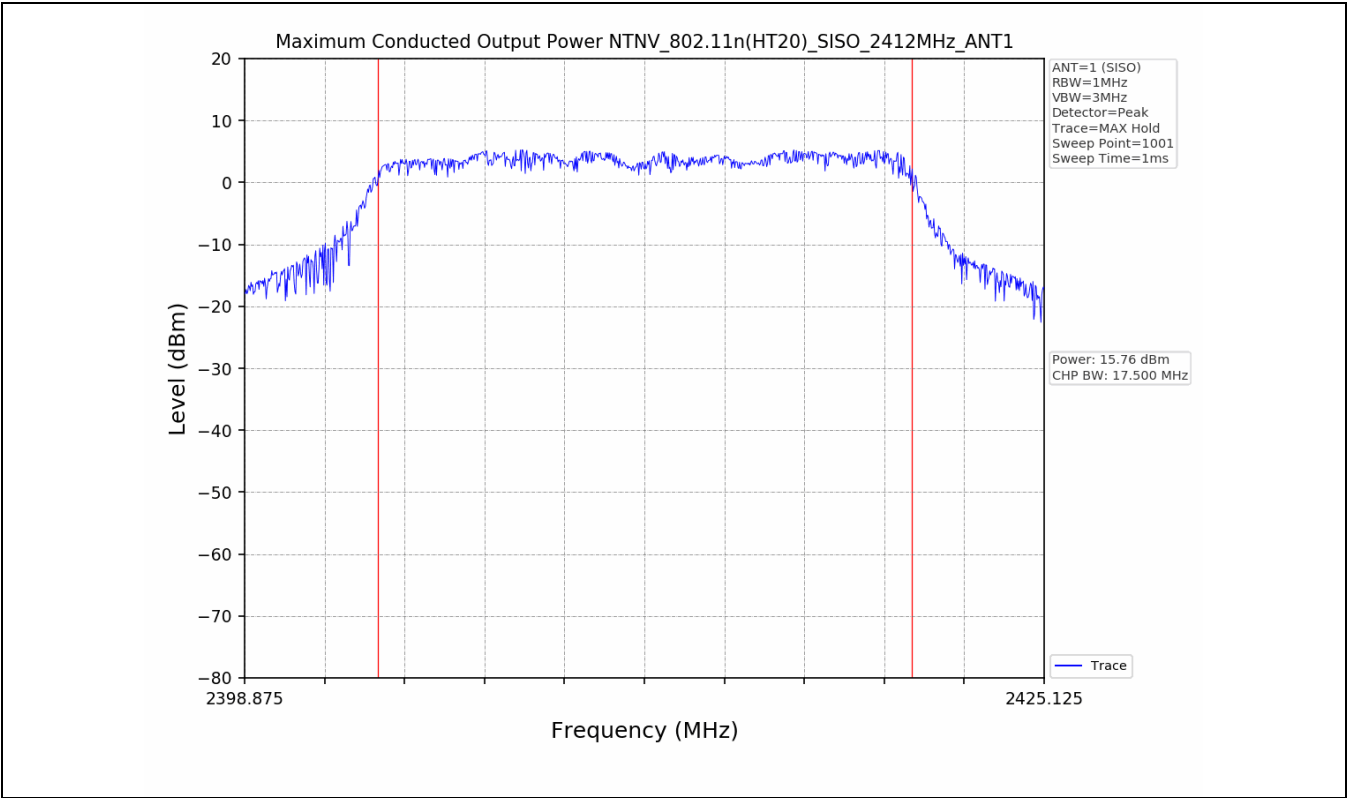
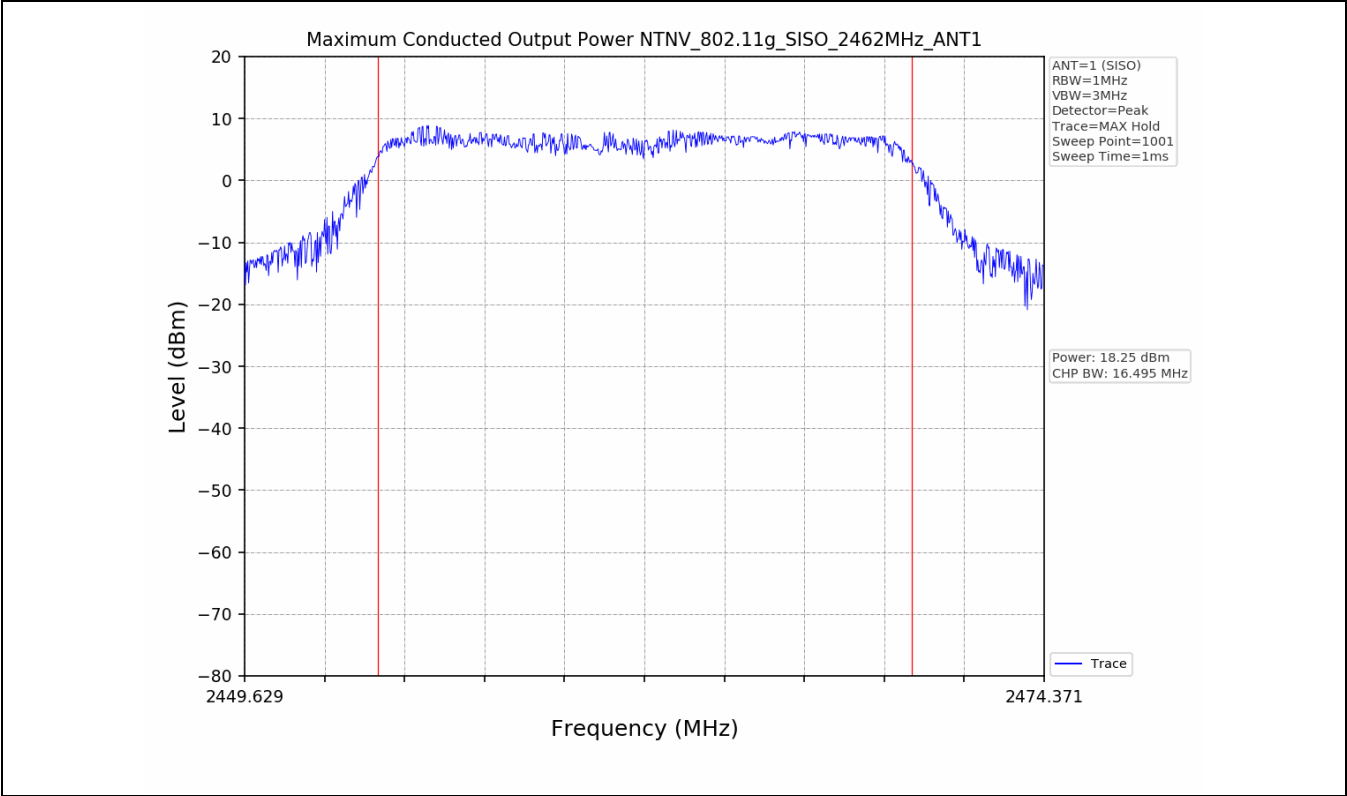
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
802.11b	2412	SISO	17.33	30	PASS
	2437	SISO	17.90	30	PASS
	2462	SISO	18.38	30	PASS
802.11g	2412	SISO	16.91	30	PASS
	2437	SISO	17.81	30	PASS
	2462	SISO	18.25	30	PASS
802.11n(HT20)	2412	SISO	15.76	30	PASS
	2437	SISO	16.45	30	PASS
	2462	SISO	17.08	30	PASS

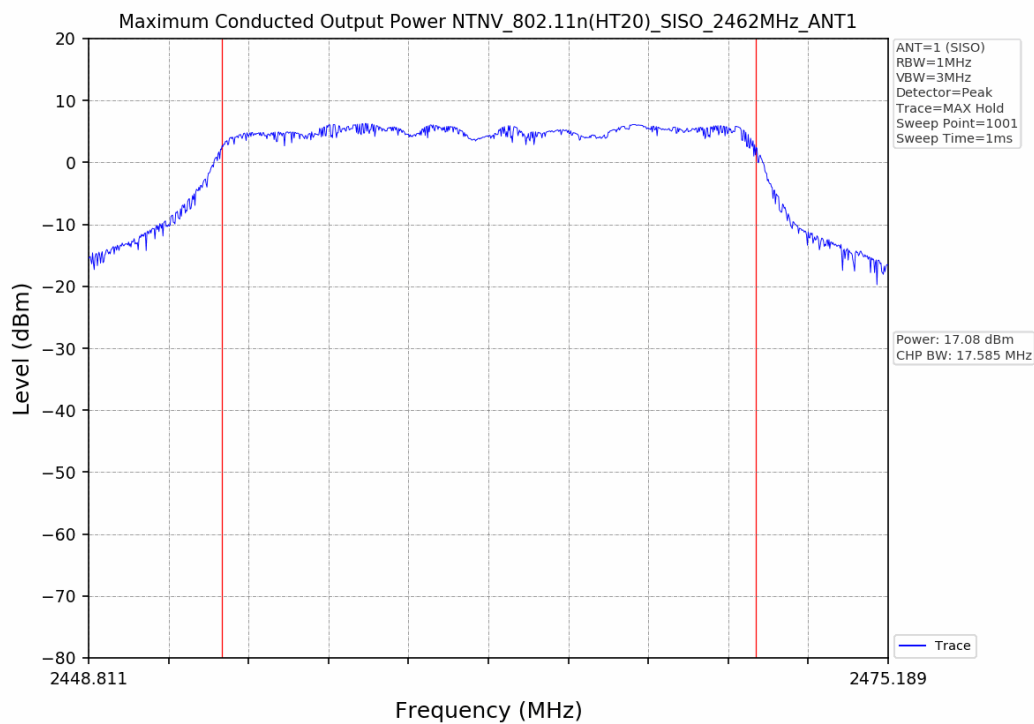
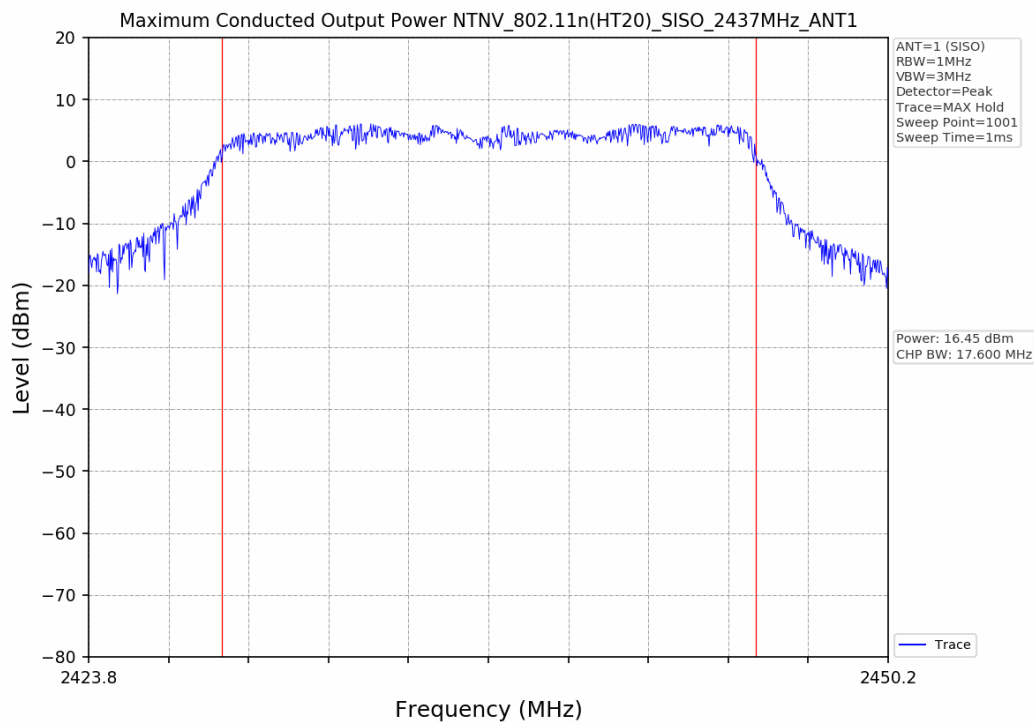
2.2 Test Graph









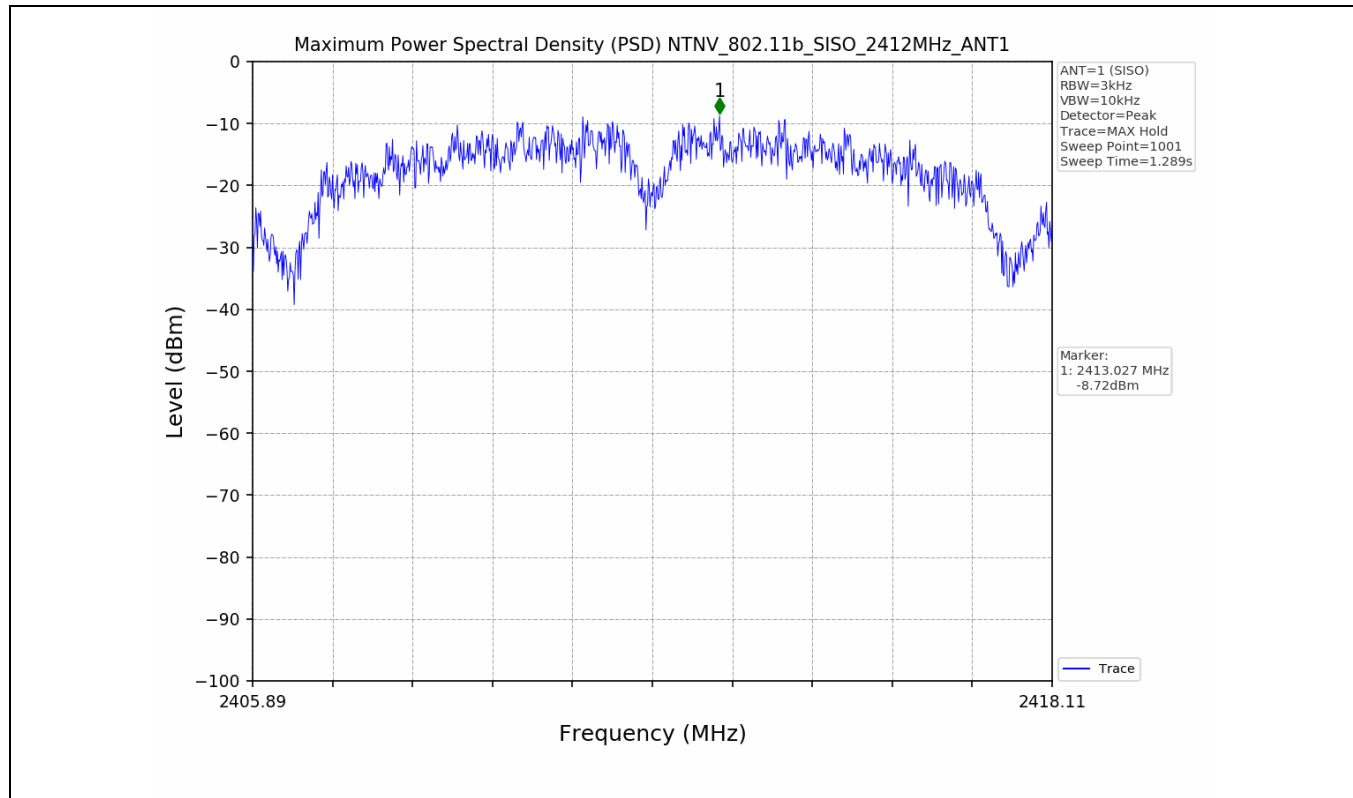


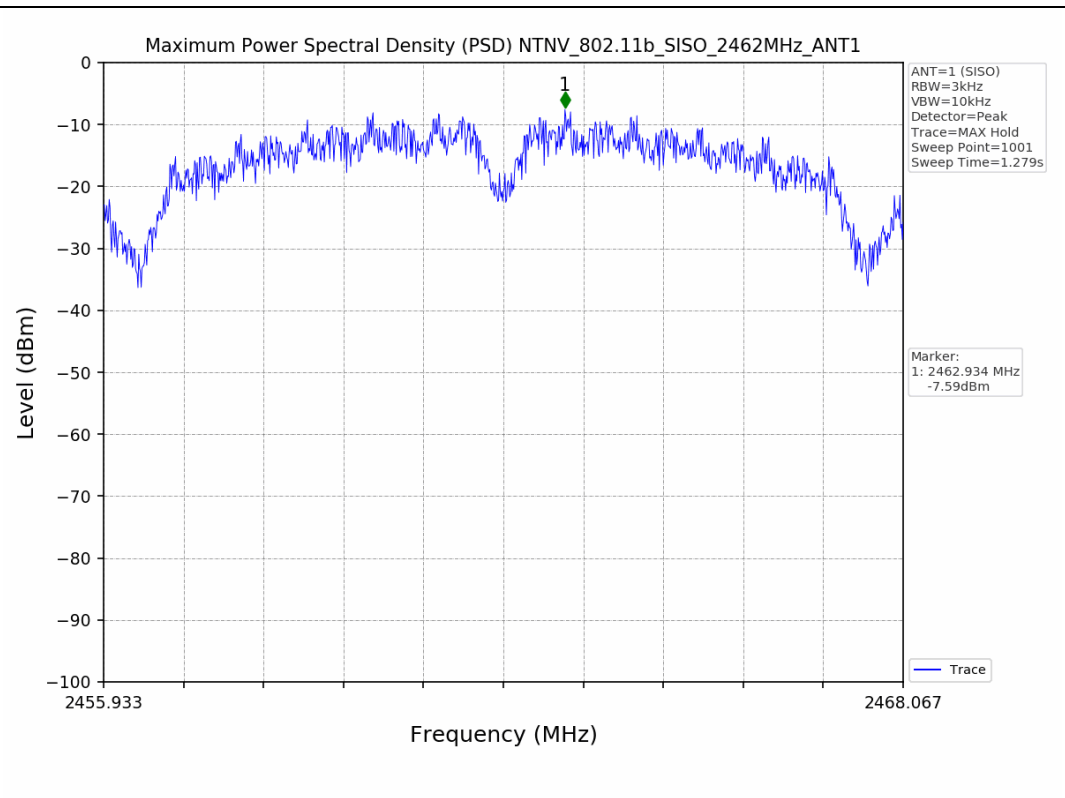
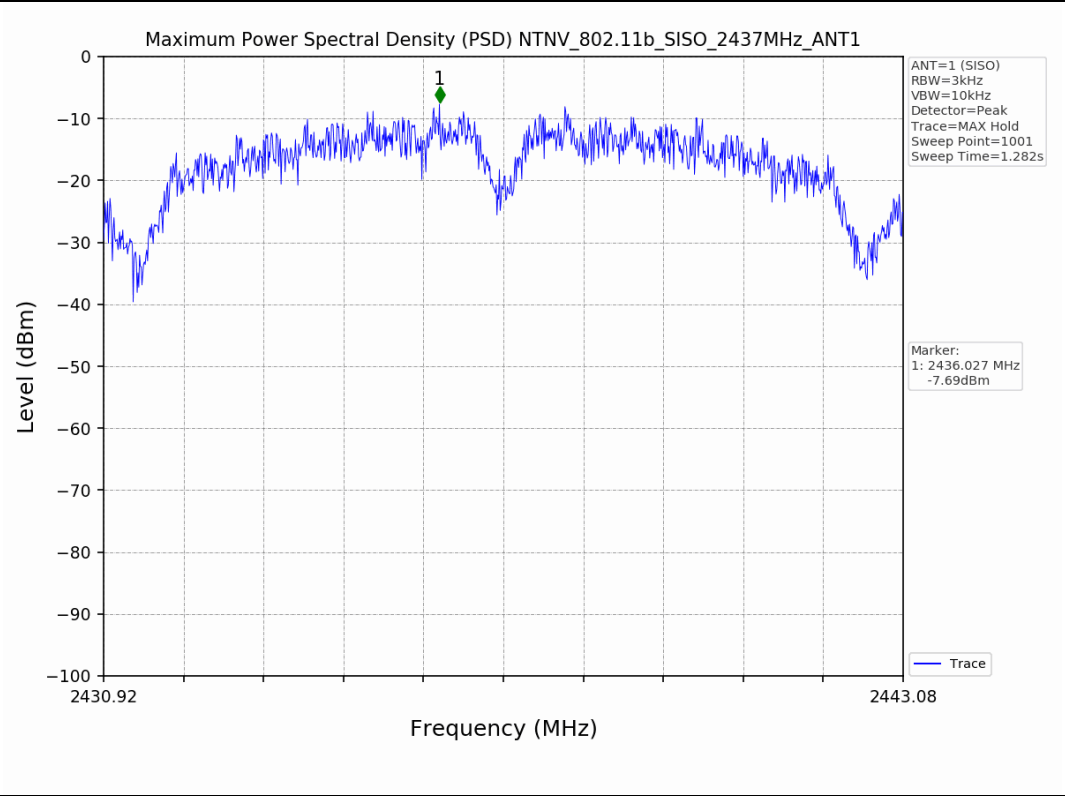
3. Maximum Power Spectral Density (PSD)

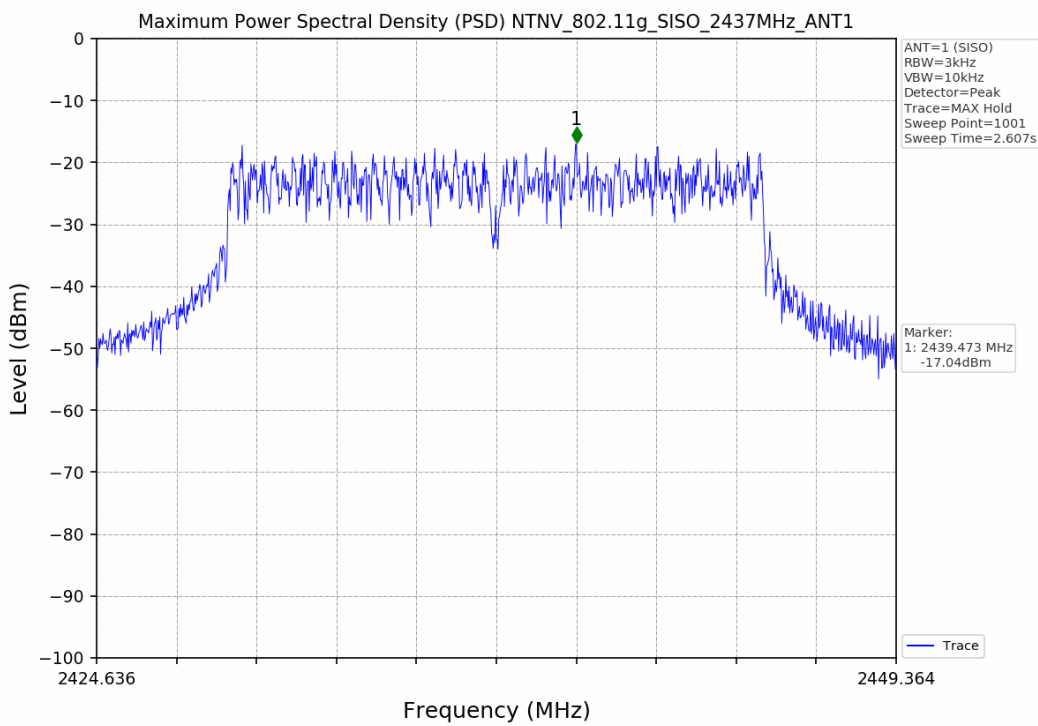
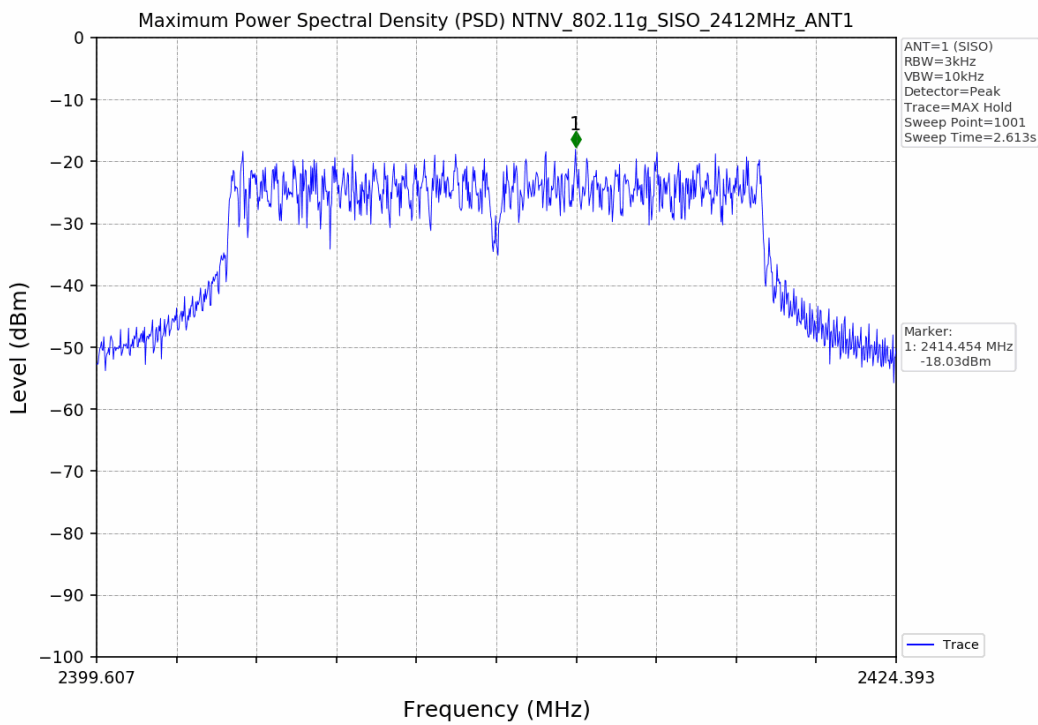
3.1 Test Result

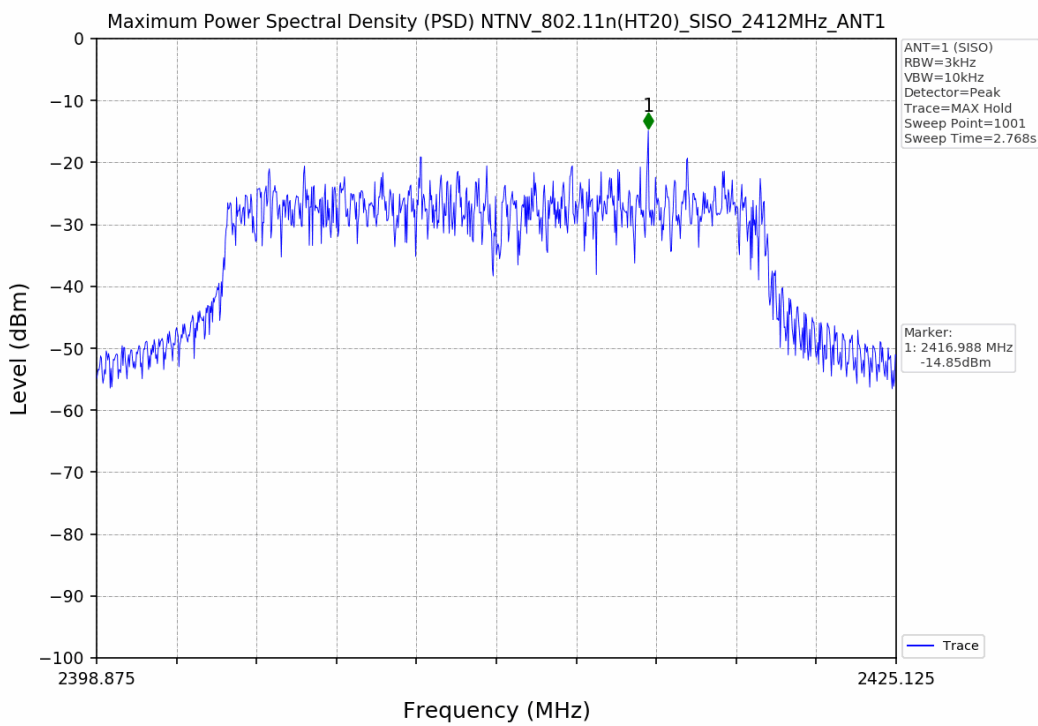
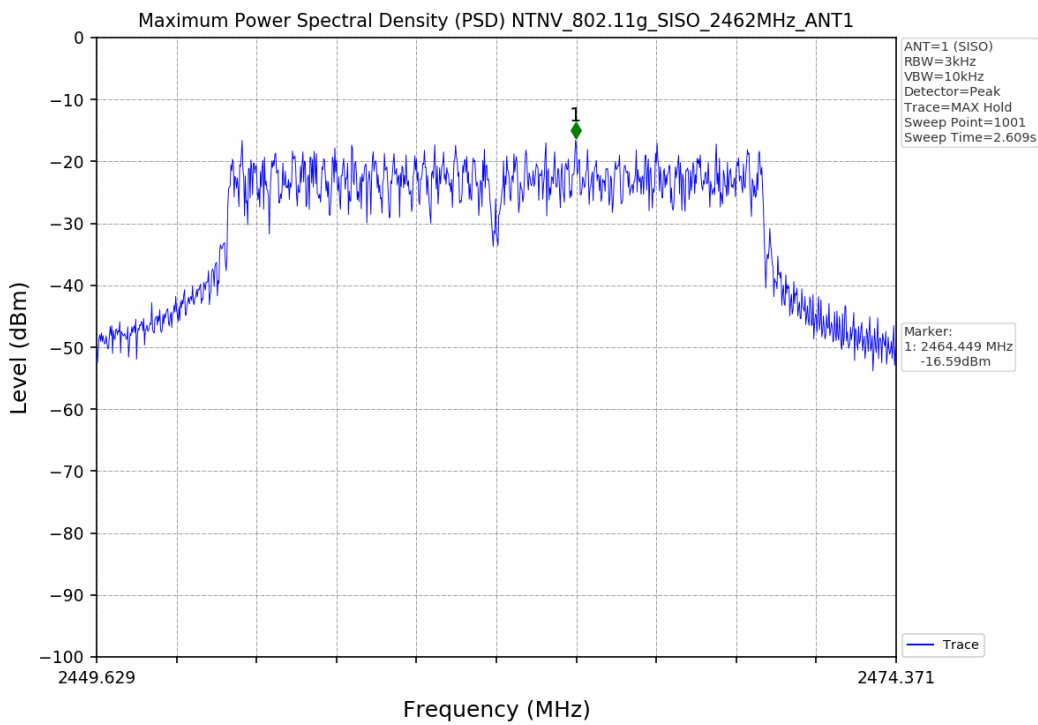
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
802.11b	2412	SISO	-8.72	≤8	PASS
	2437	SISO	-7.69	≤8	PASS
	2462	SISO	-7.59	≤8	PASS
802.11g	2412	SISO	-18.03	≤8	PASS
	2437	SISO	-17.04	≤8	PASS
	2462	SISO	-16.59	≤8	PASS
802.11n(HT20)	2412	SISO	-14.85	≤8	PASS
	2437	SISO	-14.05	≤8	PASS
	2462	SISO	-13.98	≤8	PASS

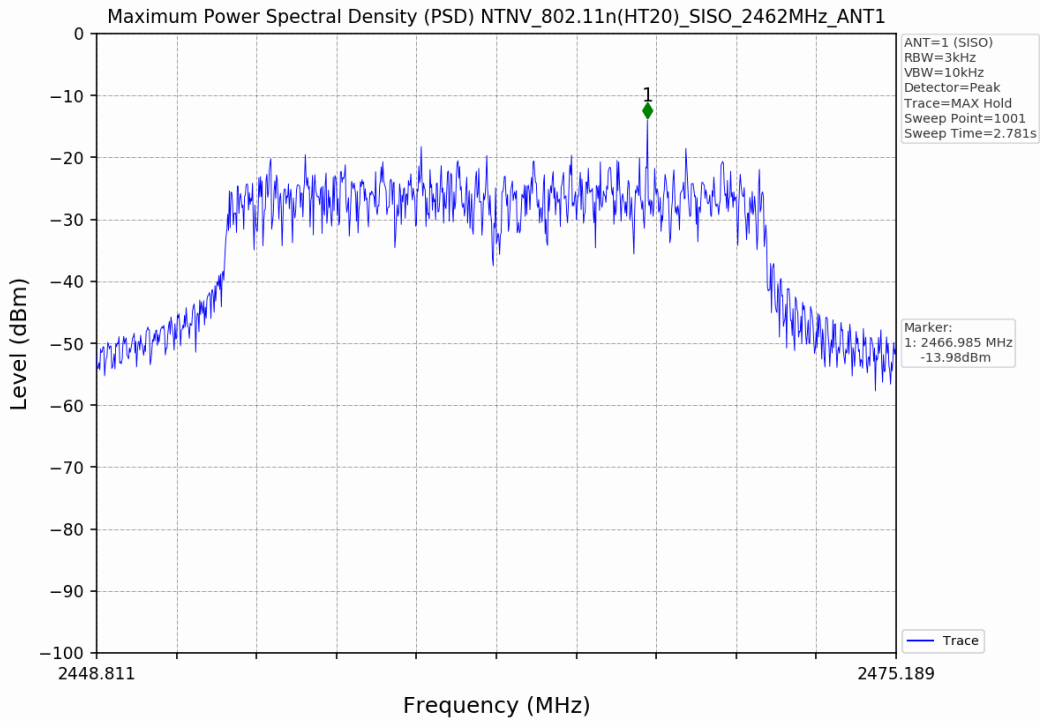
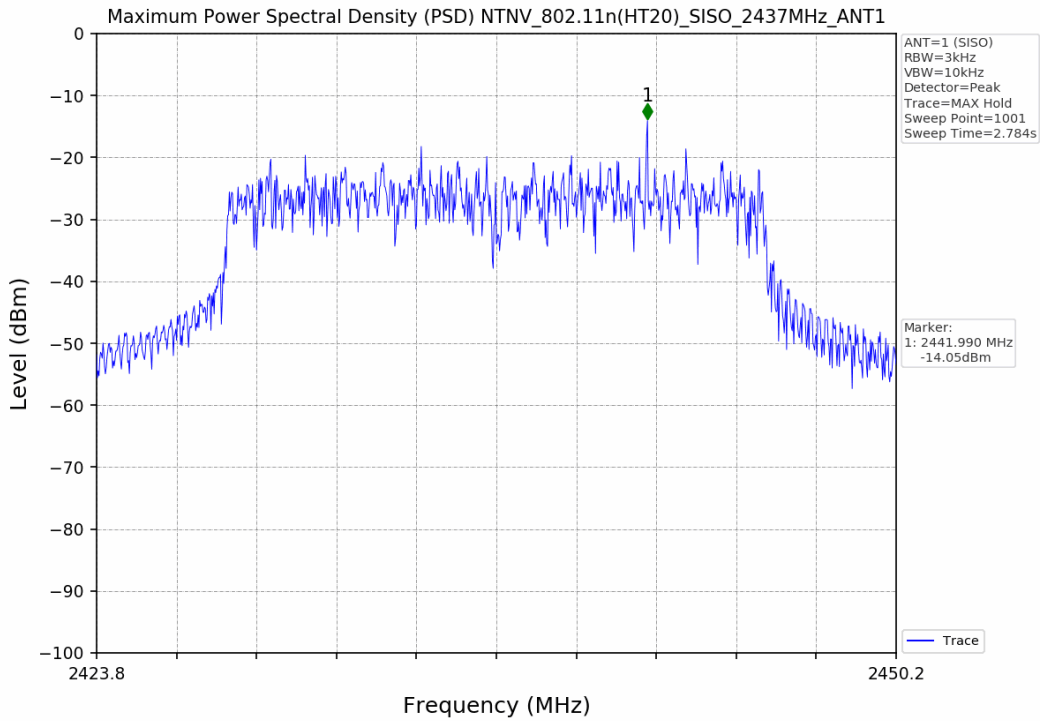
3.2 Test Graph









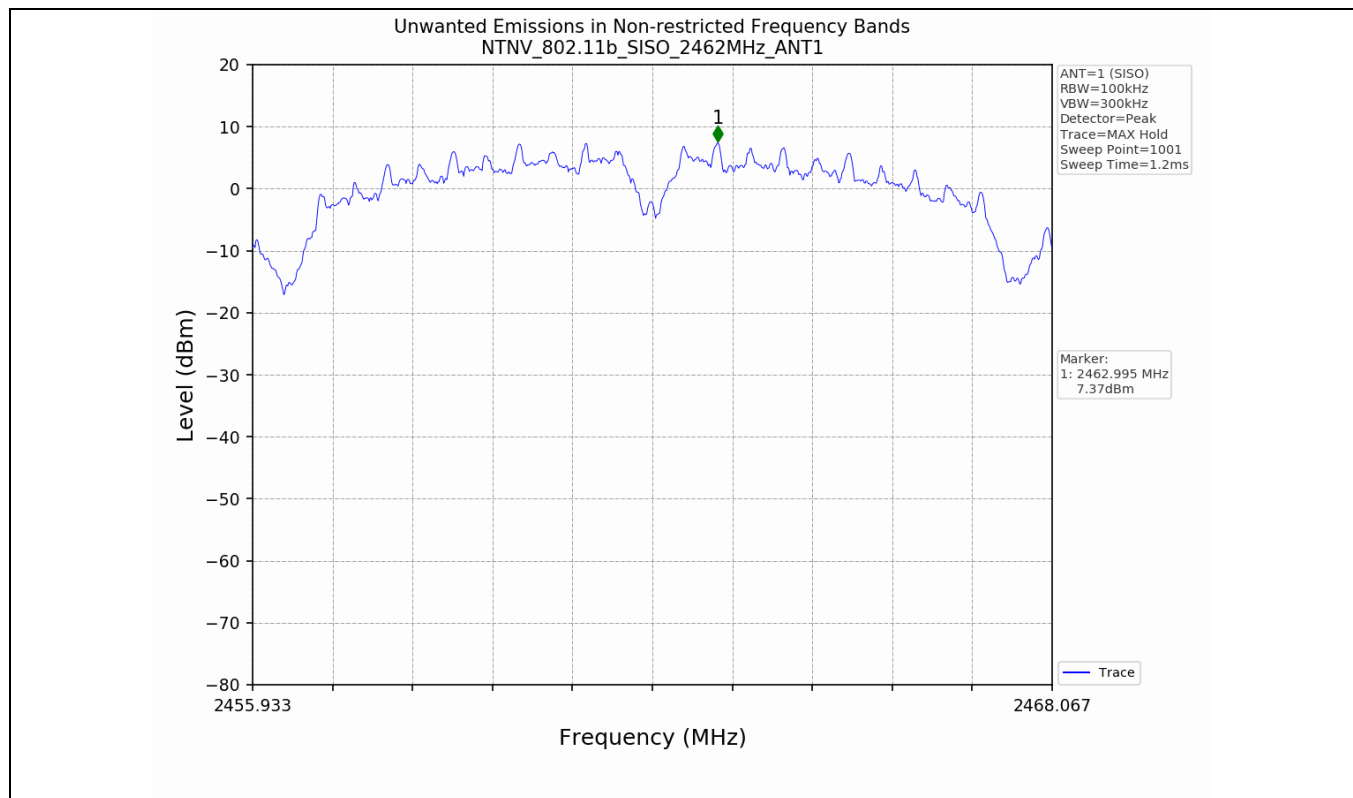


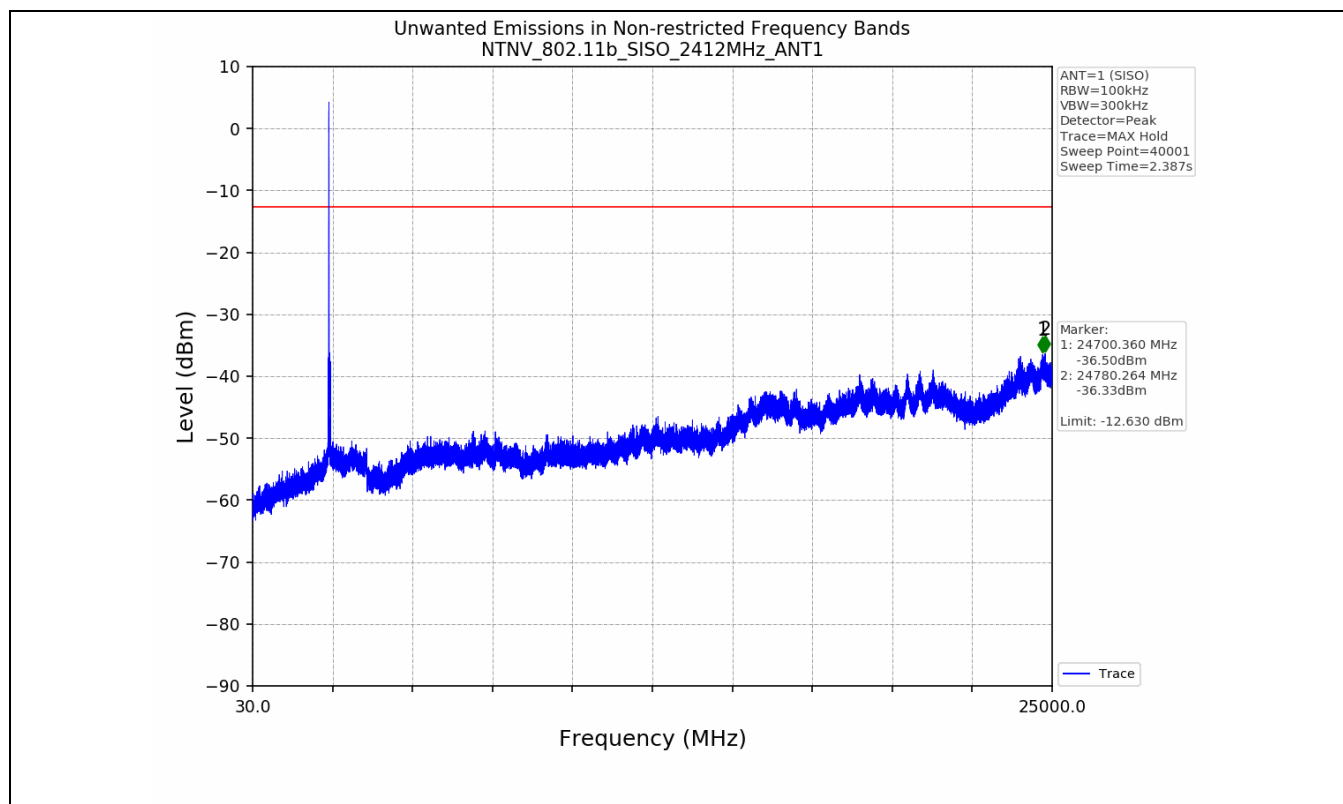
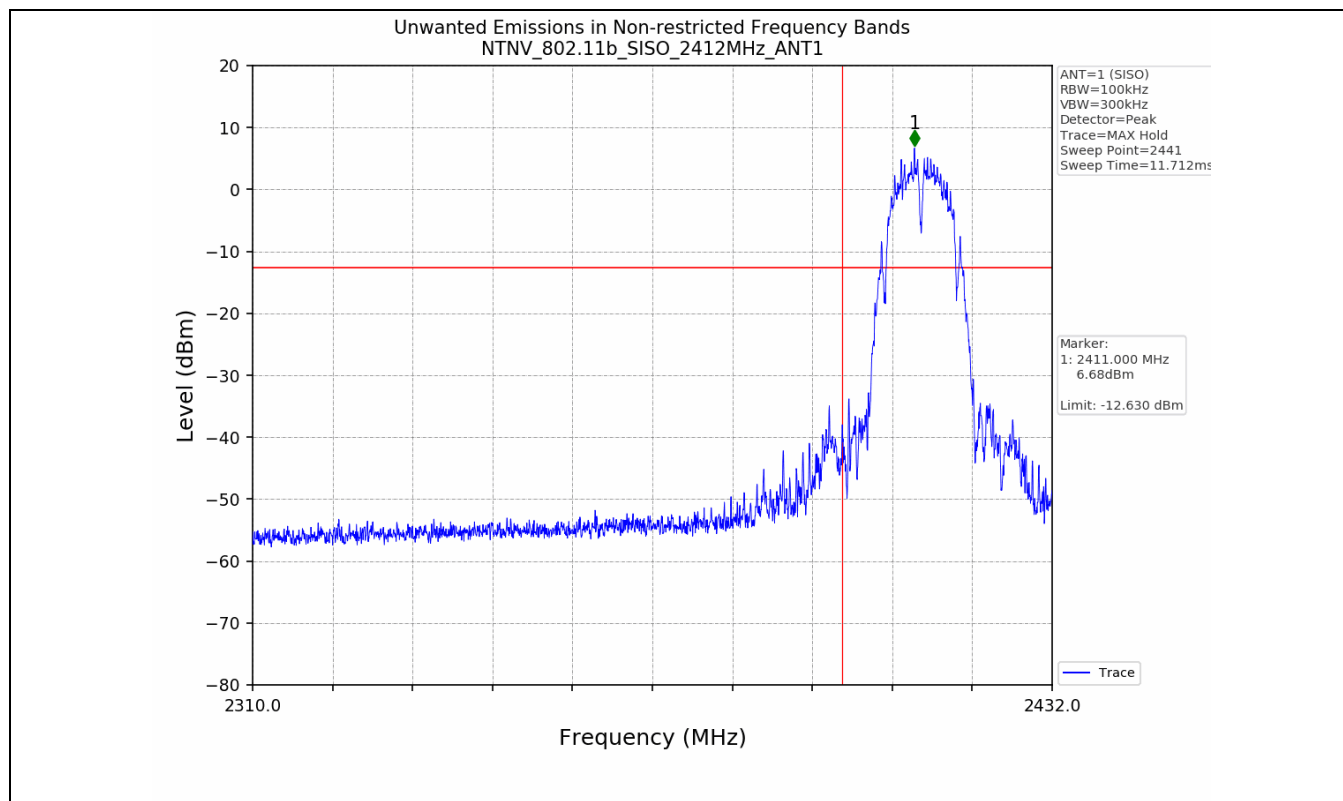
4. Unwanted Emissions in Non-restricted Frequency Bands

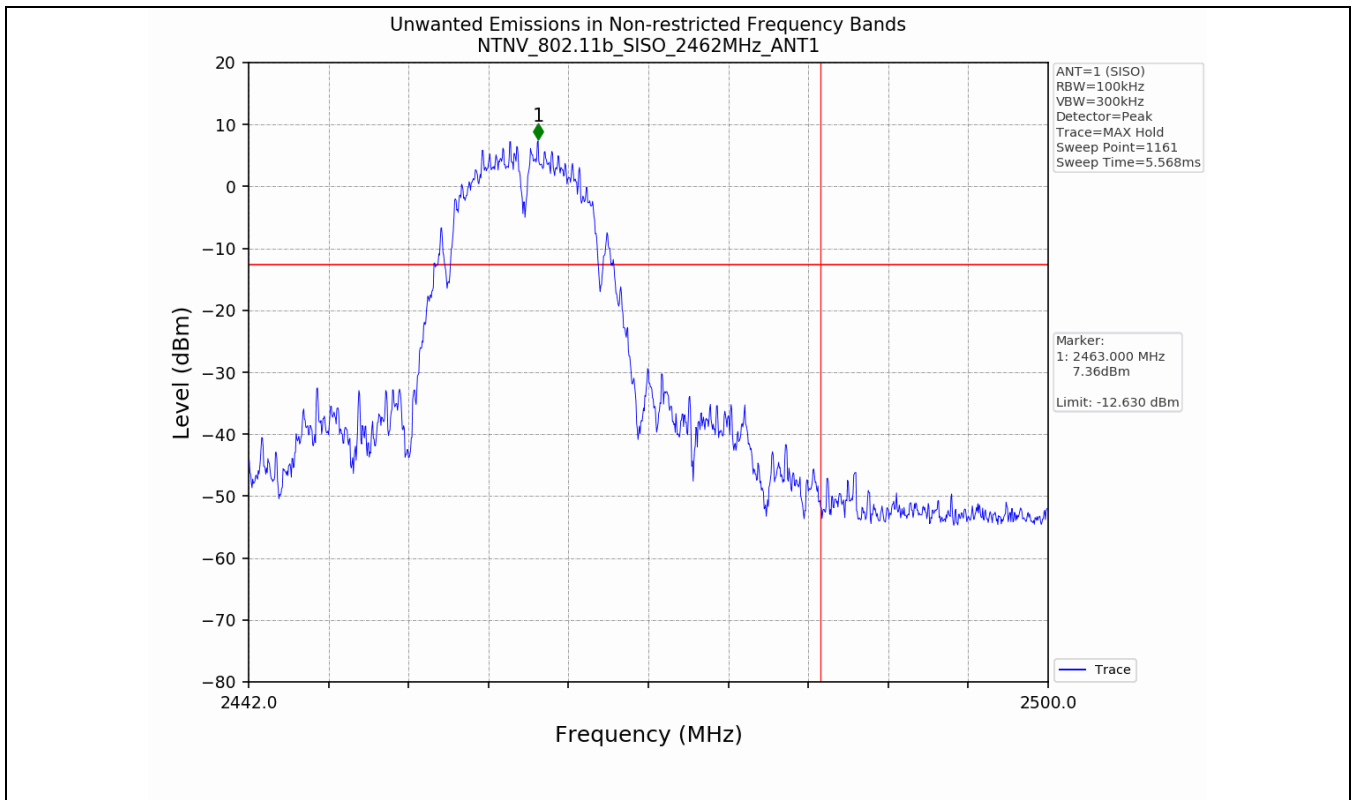
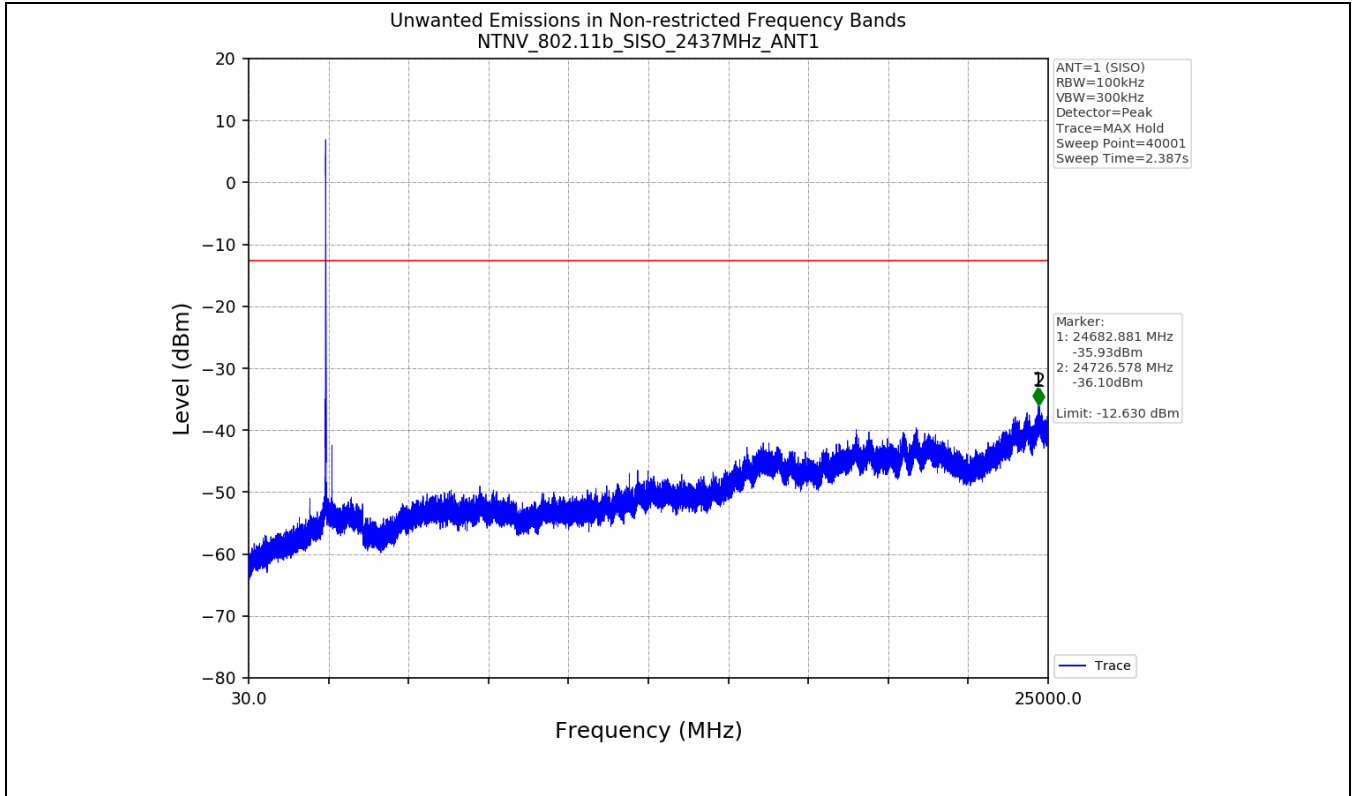
4.1 Test Result

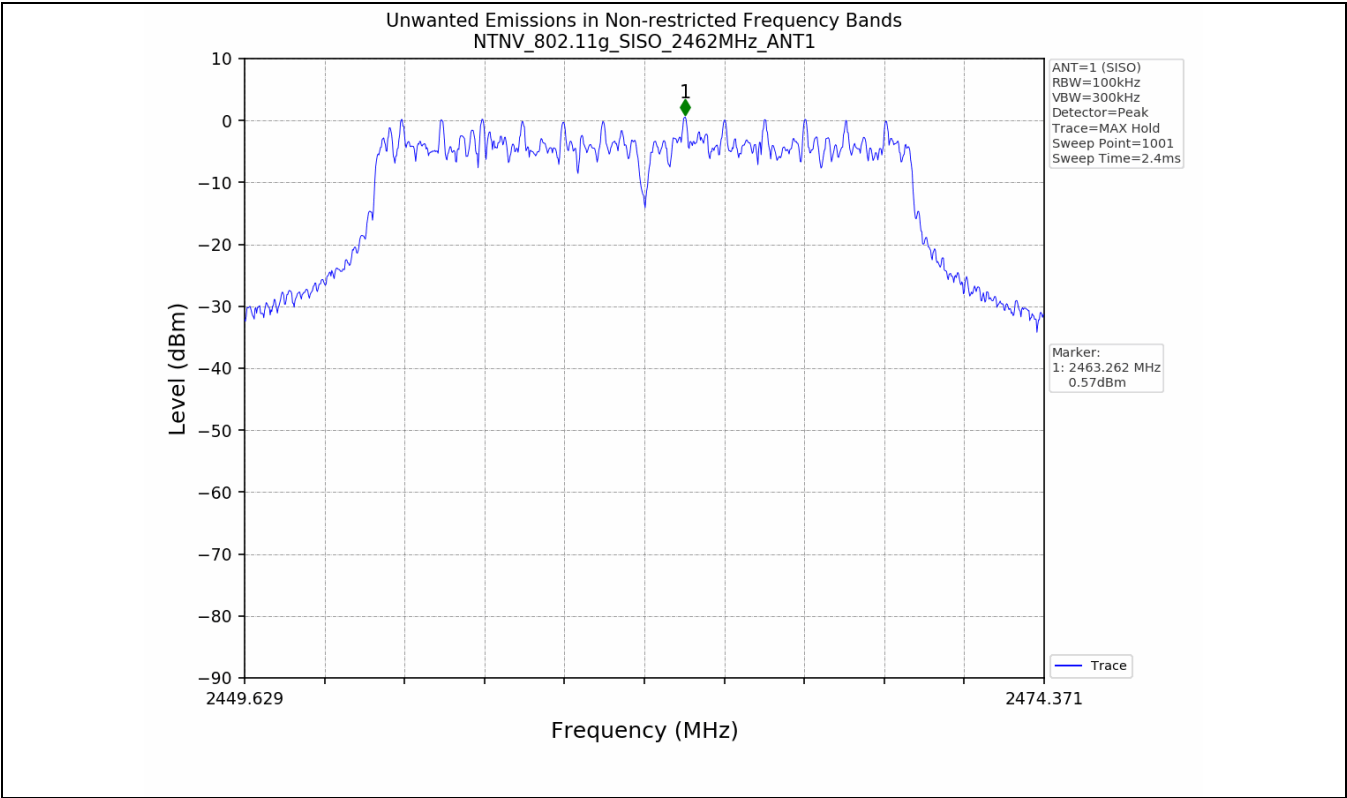
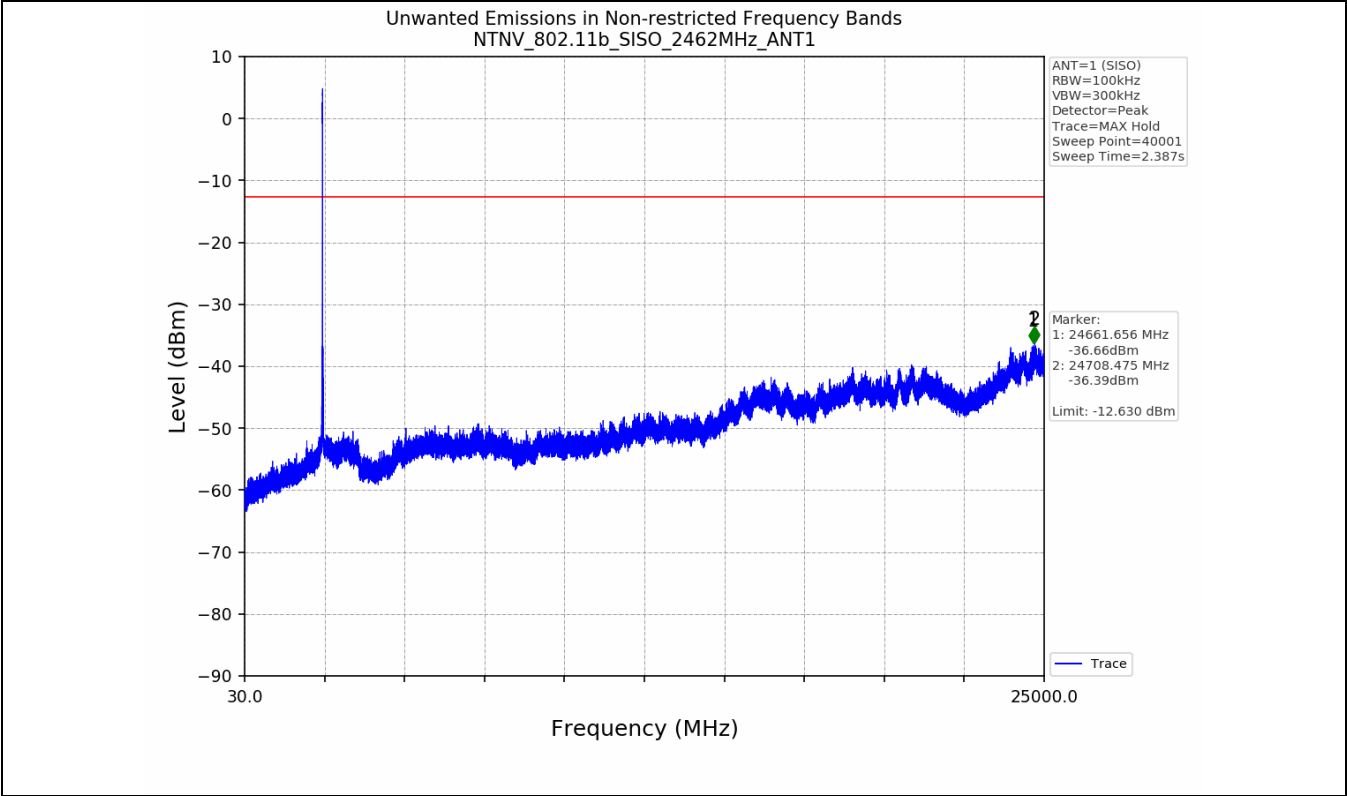
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	1	Refer to test graph	-12.63	PASS
	2437	SISO	1	Refer to test graph	-12.63	PASS
	2462	SISO	1	Refer to test graph	-12.63	PASS
802.11g	2412	SISO	1	Refer to test graph	-19.43	PASS
	2437	SISO	1	Refer to test graph	-19.43	PASS
	2462	SISO	1	Refer to test graph	-19.43	PASS
802.11n(HT20)	2412	SISO	1	Refer to test graph	-20.64	PASS
	2437	SISO	1	Refer to test graph	-20.64	PASS
	2462	SISO	1	Refer to test graph	-20.64	PASS

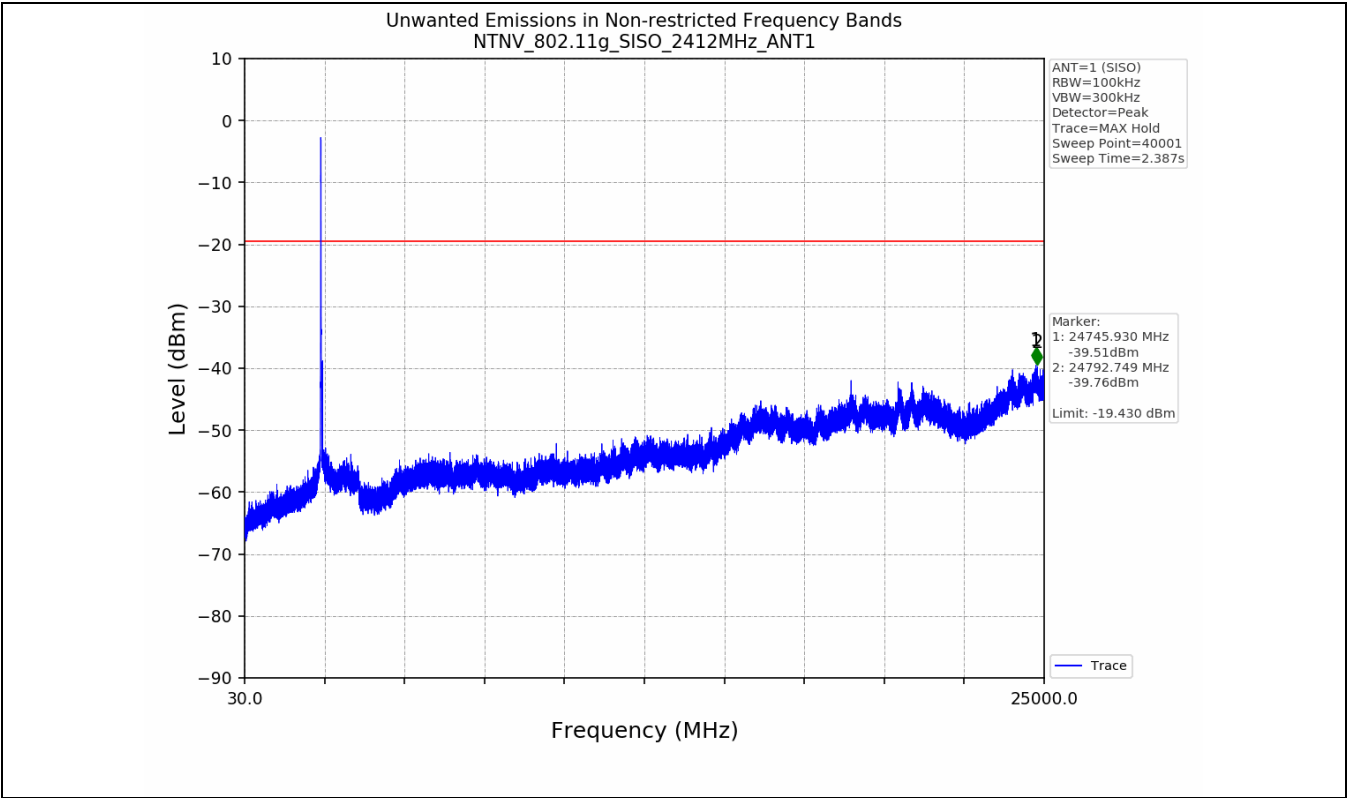
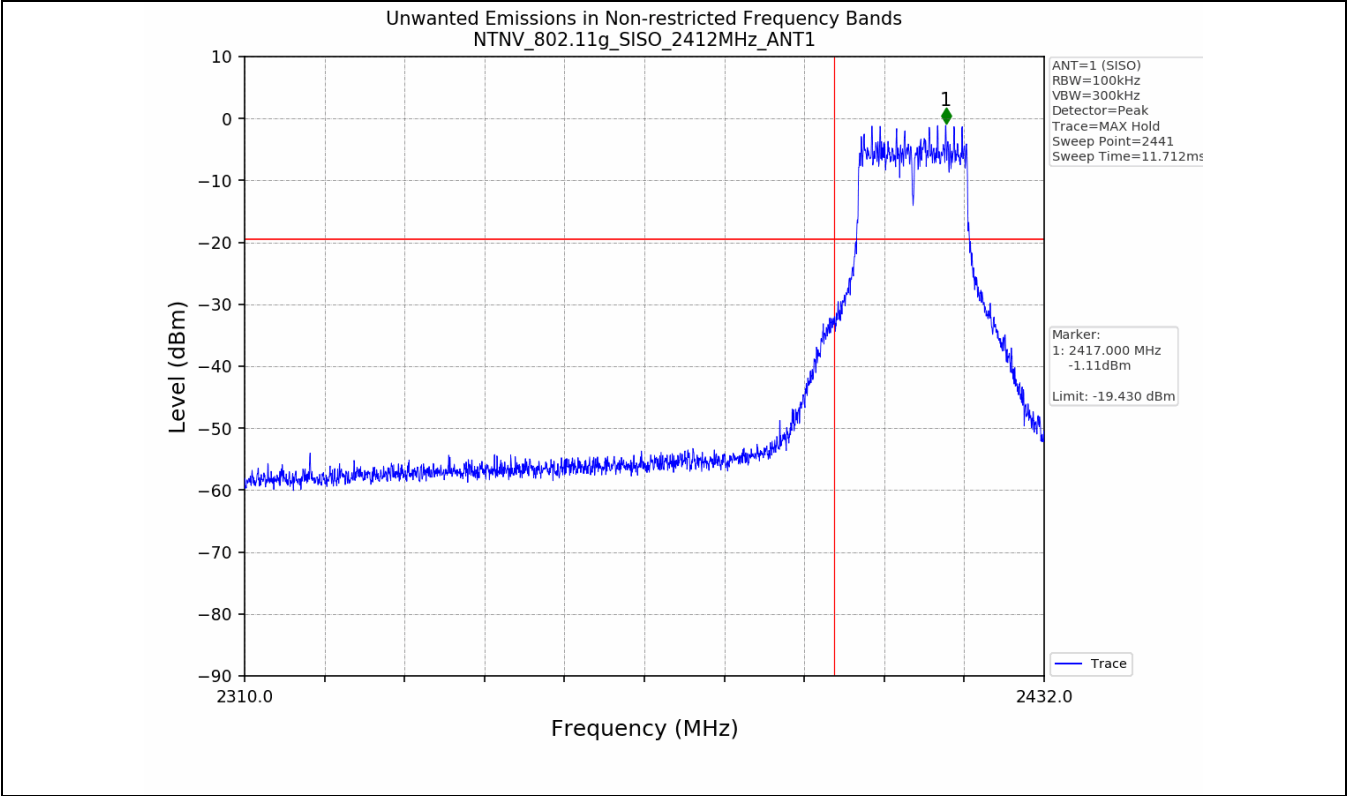
4.2 Test Graph

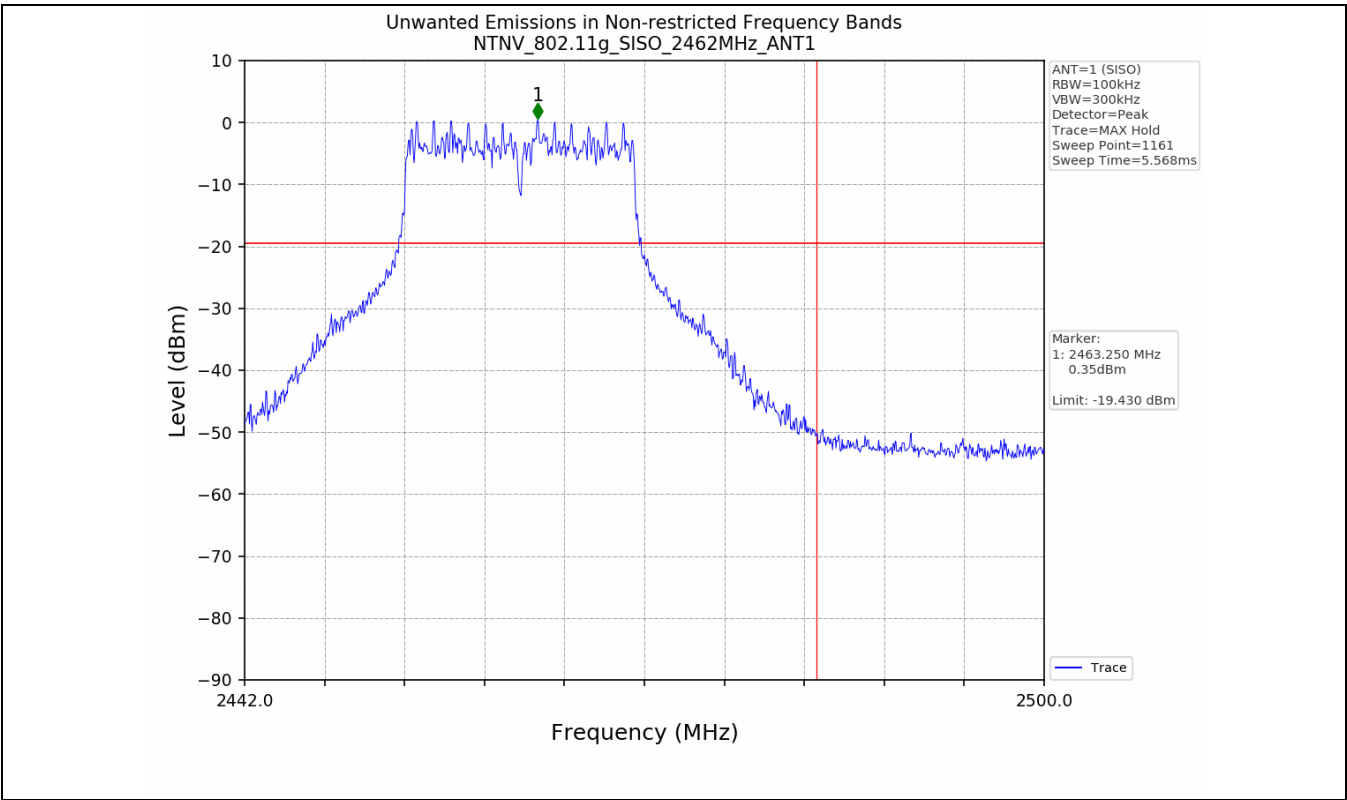
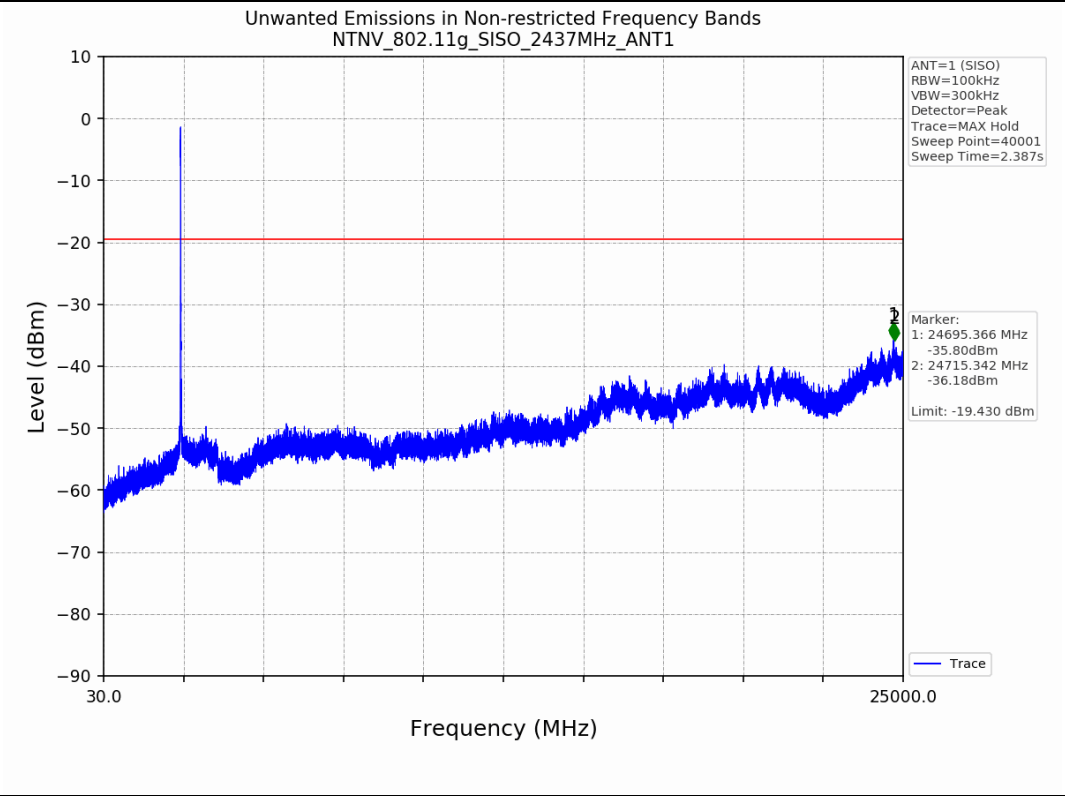


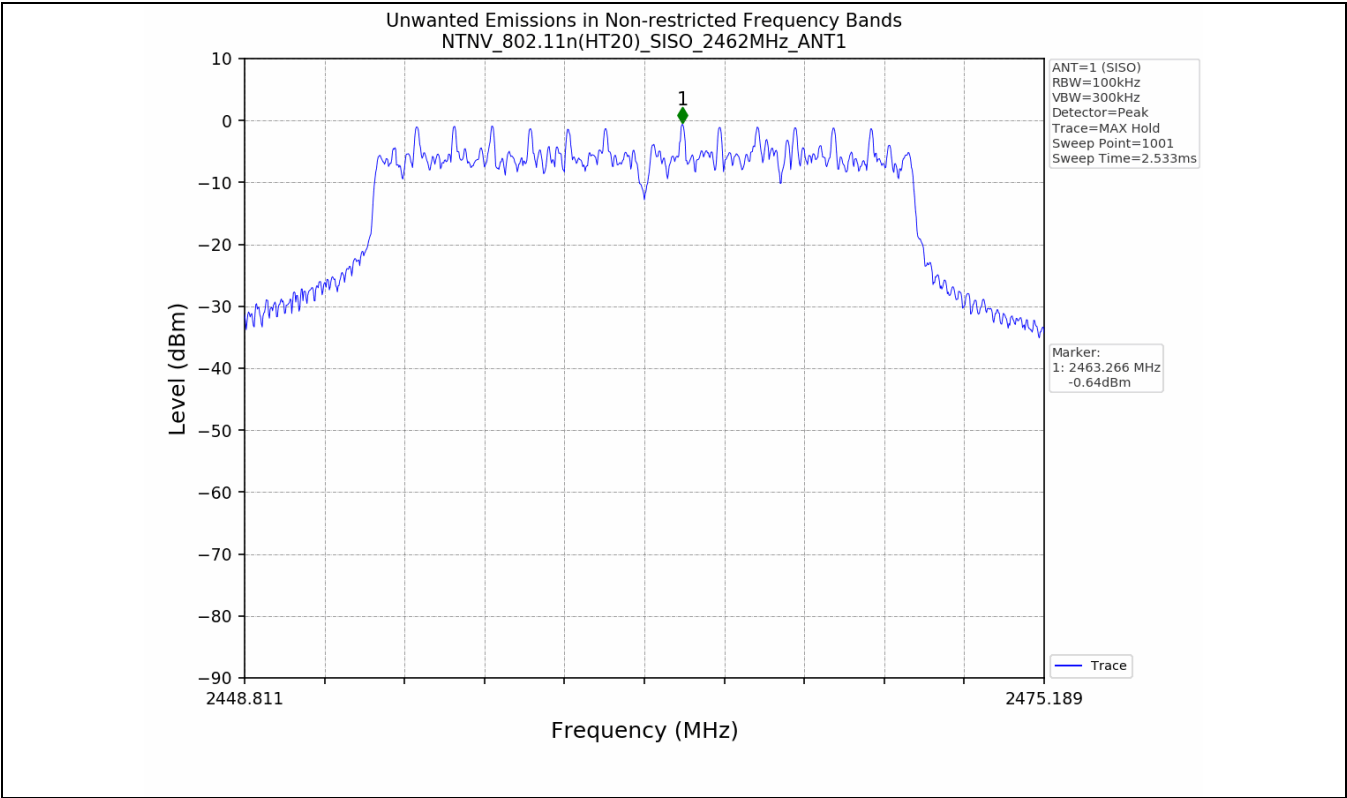
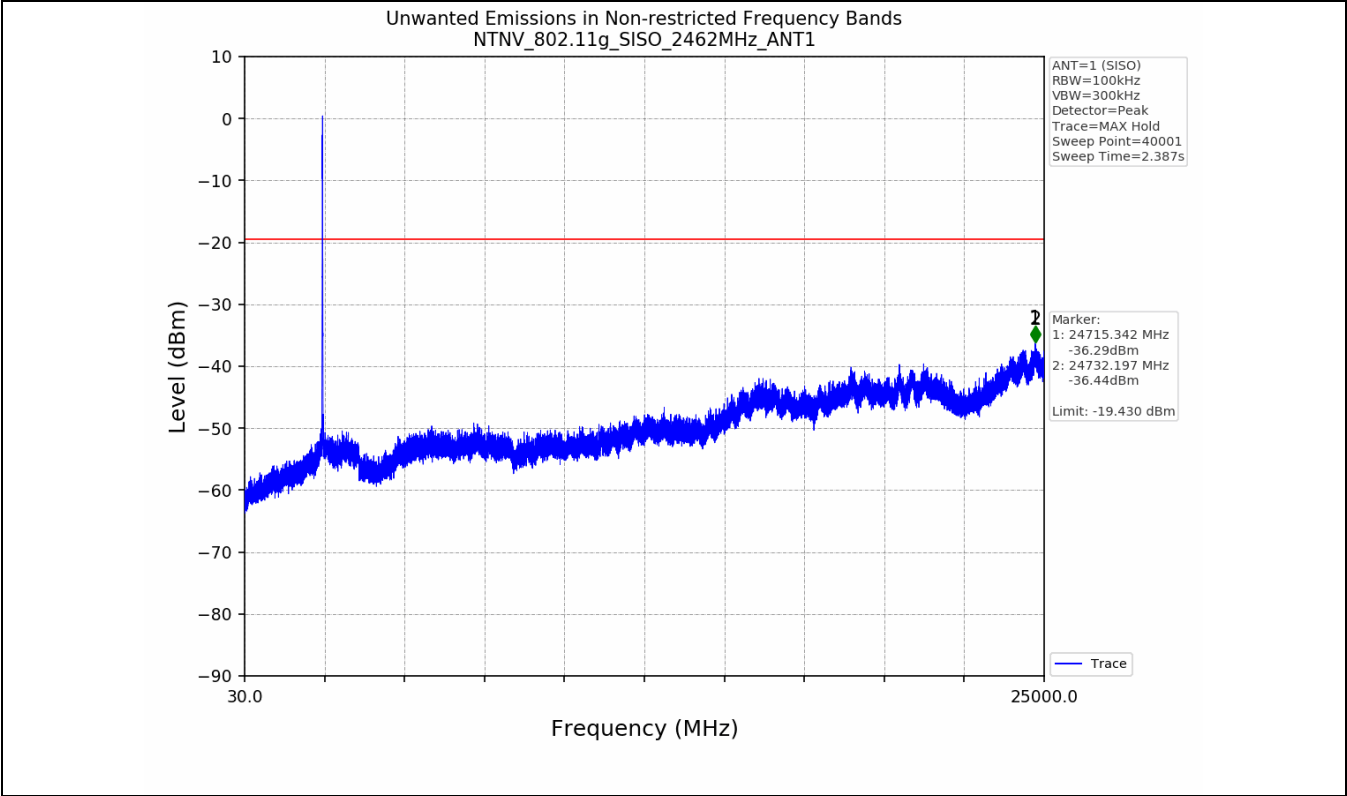


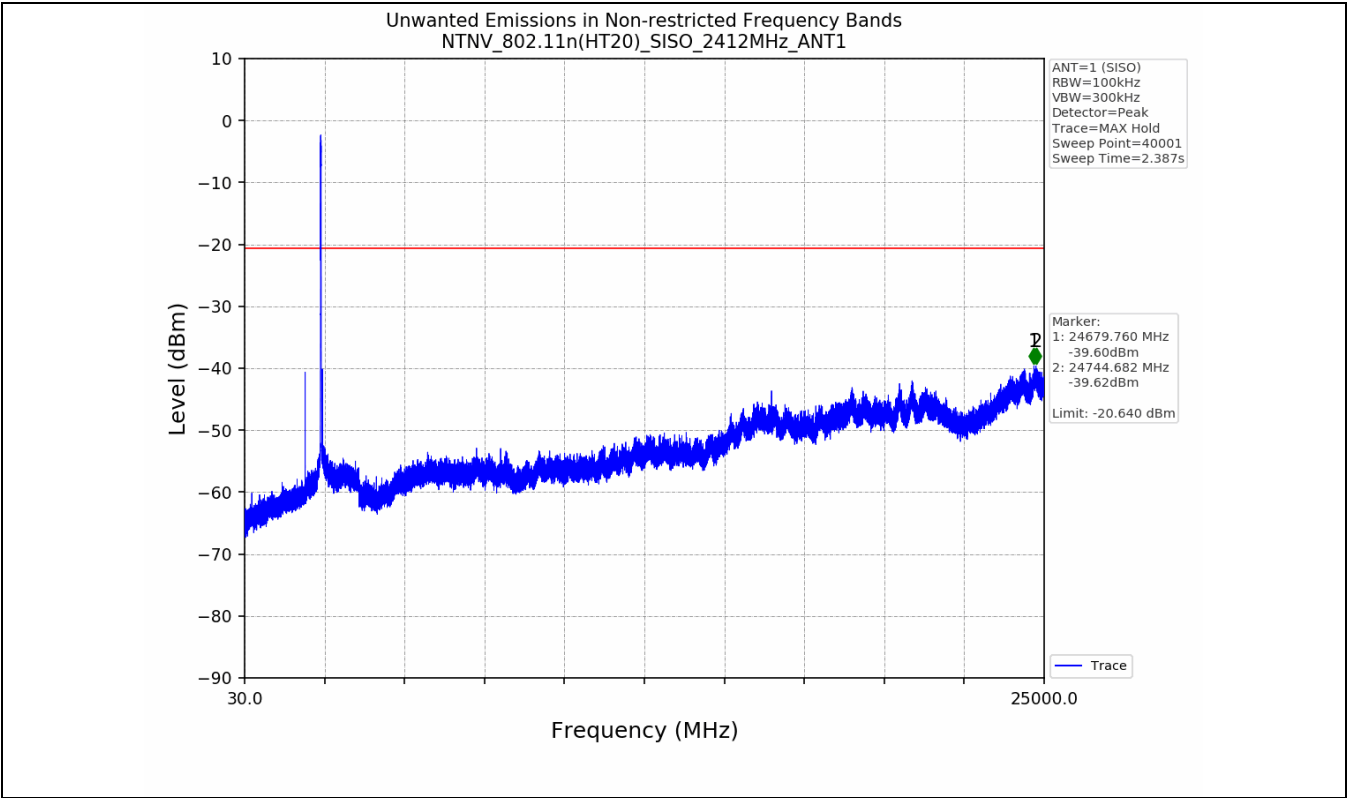
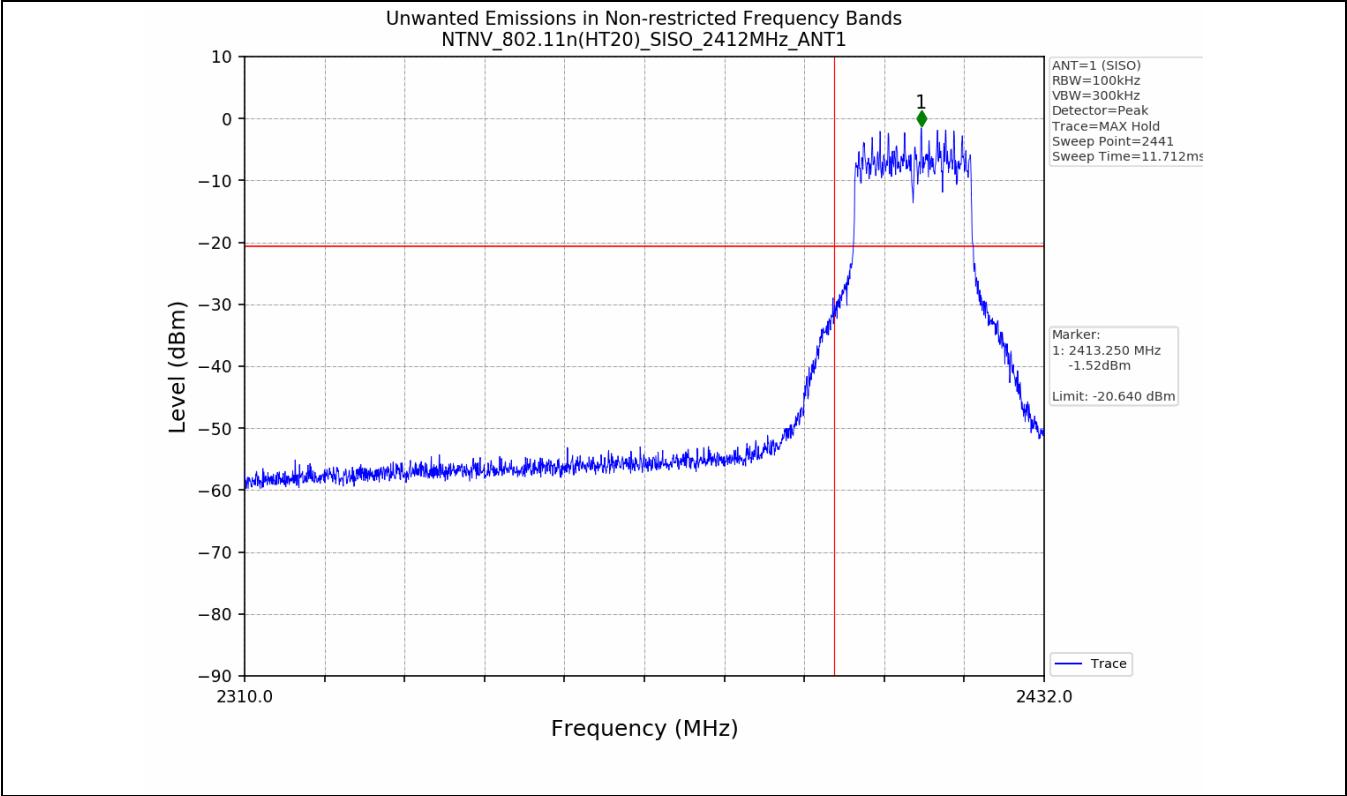


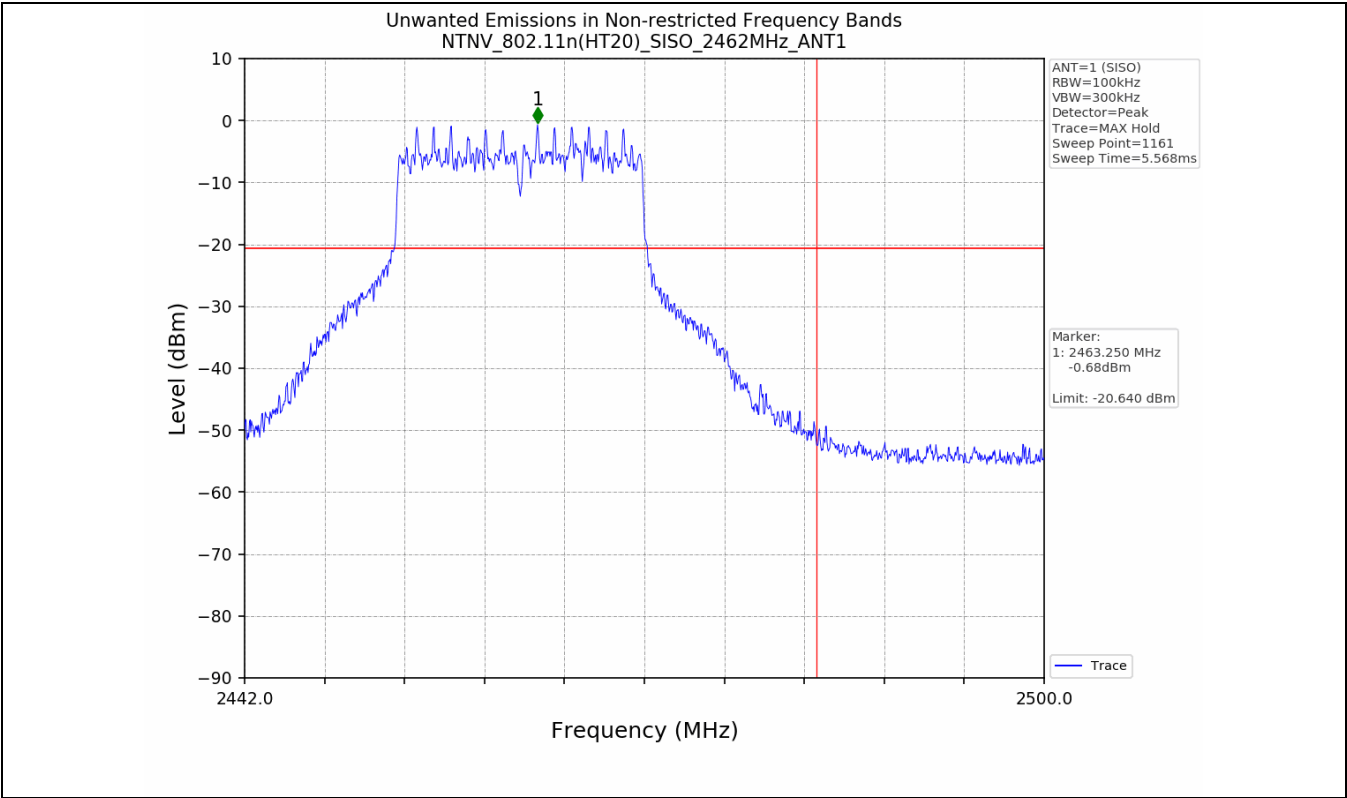
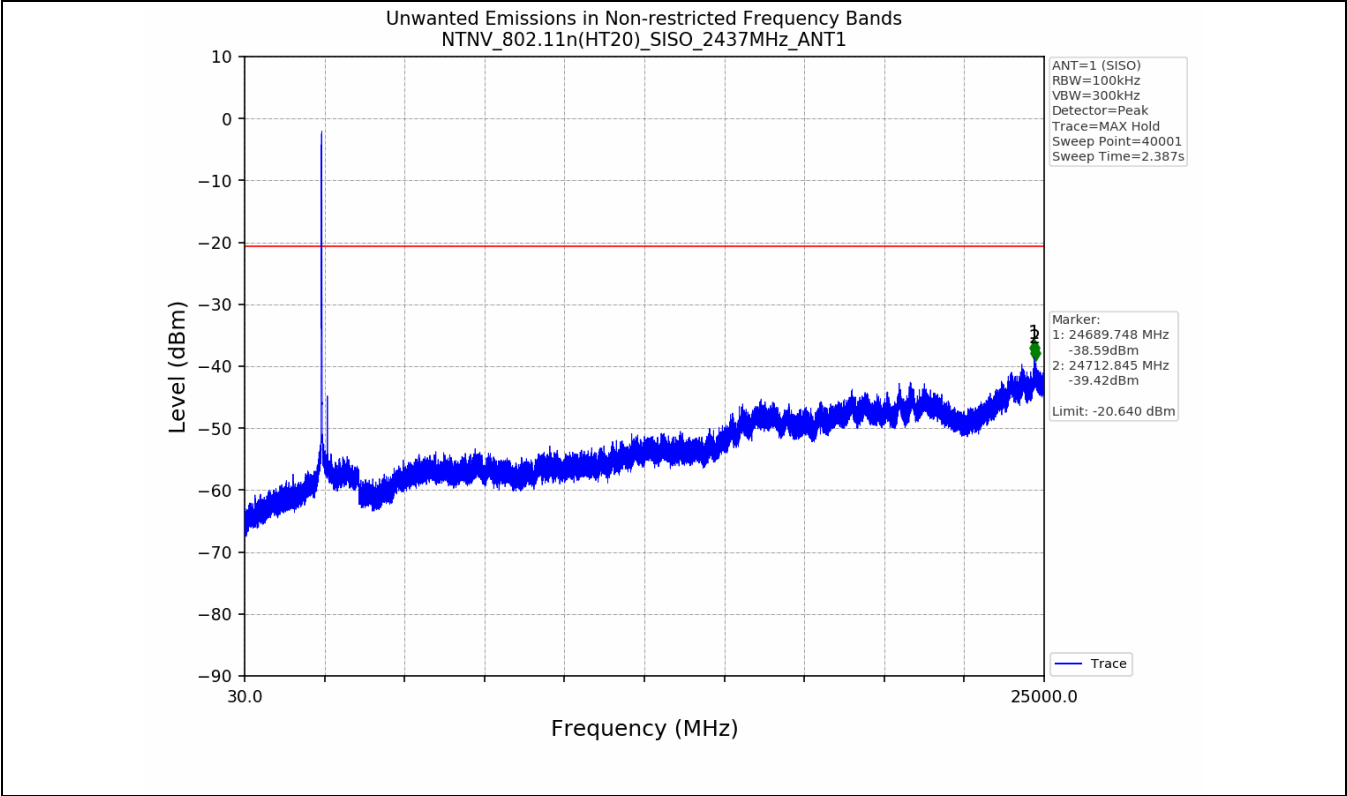


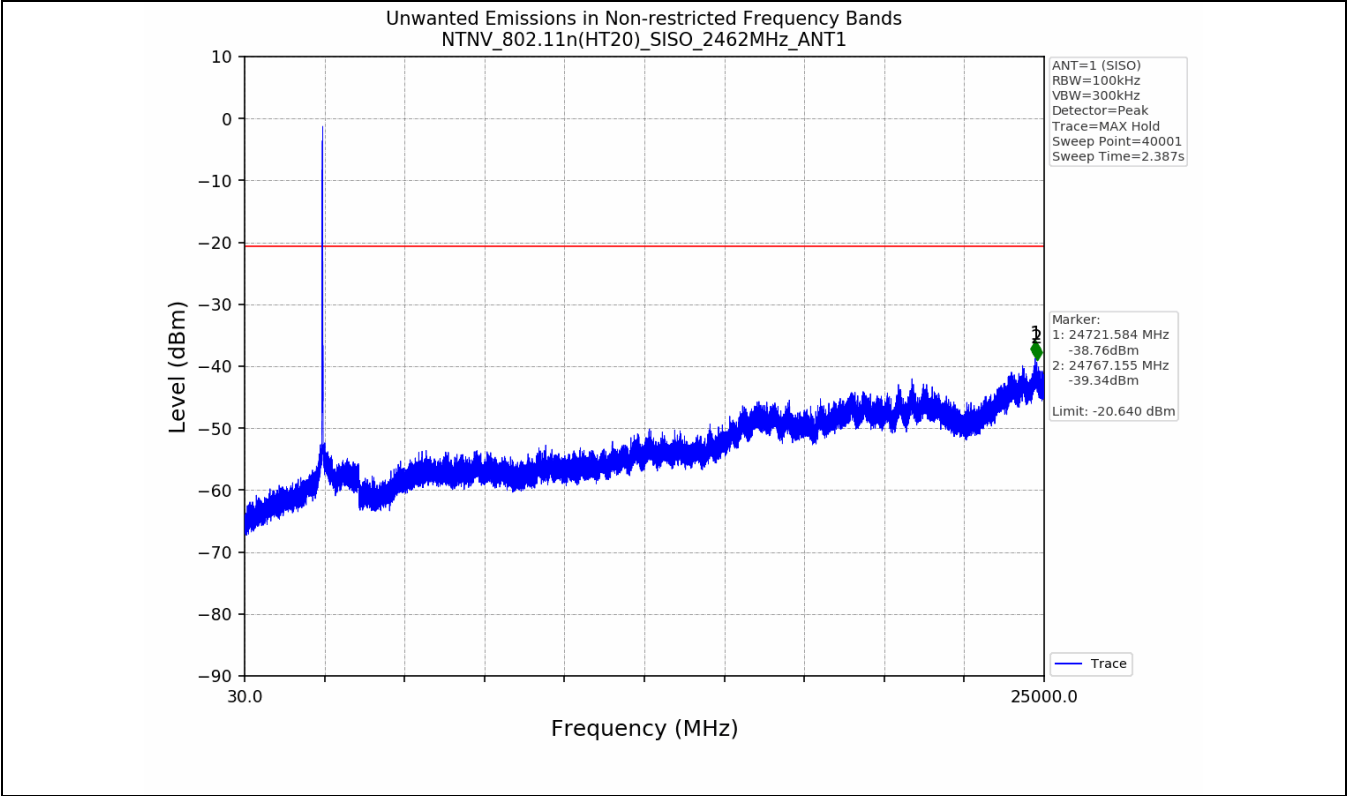












6. Frequency Error

6.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT	Measured Frequency (MHz)		Verdict
				Test Result	Limit	
802.11b	2412	SISO	1	2412.00	2400-2483.5	PASS
	2437	SISO	1	2436.84	2400-2483.5	PASS
	2462	SISO	1	2462.00	2400-2483.5	PASS

6.2 Test Graph

