

Appendix for 15.247

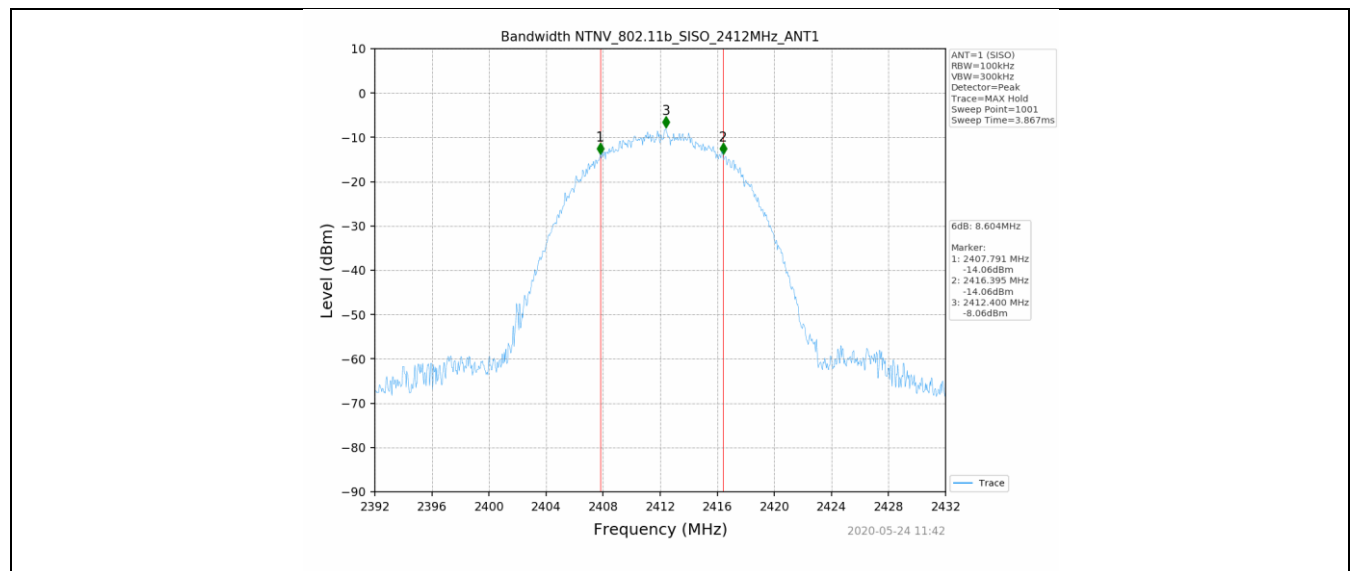
1. Bandwidth

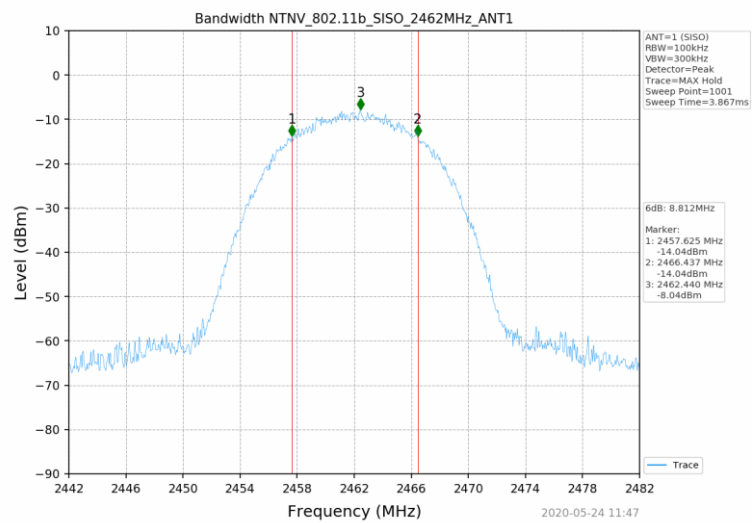
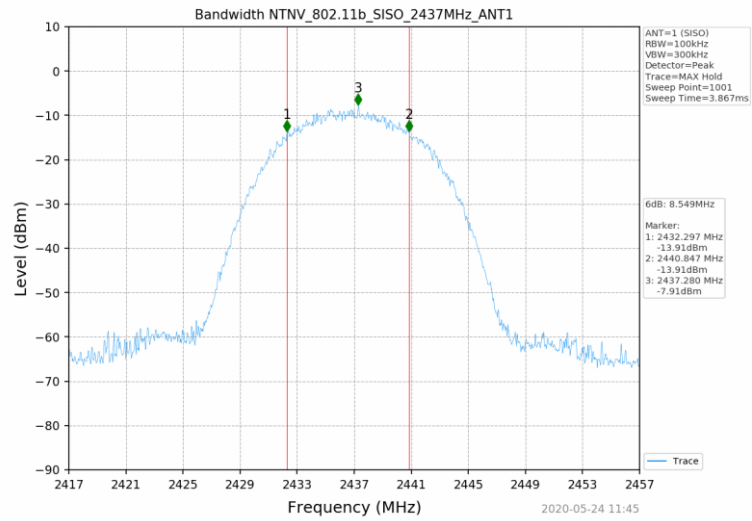
1.1 Test Result

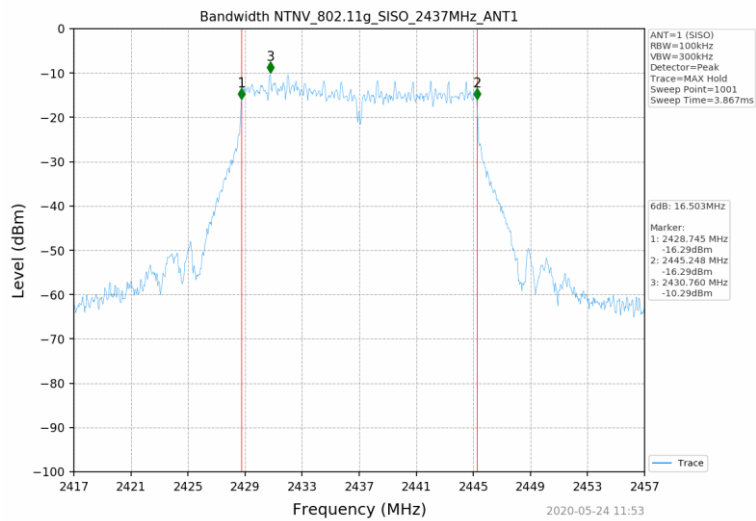
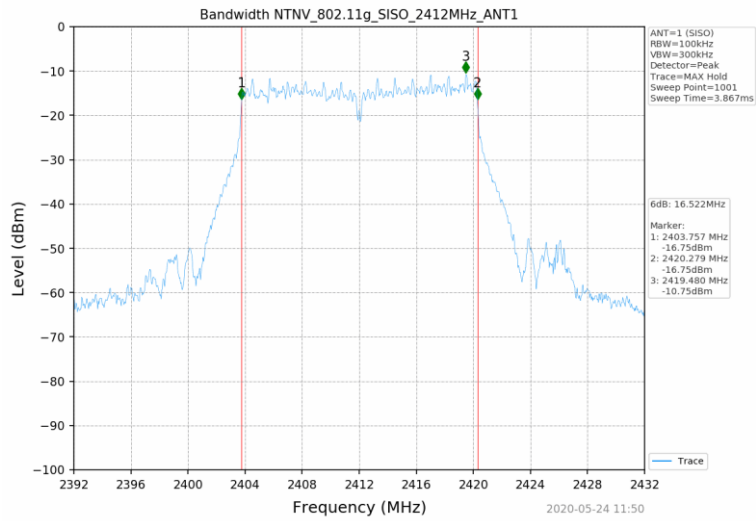
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11b	2412	SISO	1	8.604	≥0.5	PASS
	2437	SISO	1	8.549	≥0.5	PASS
	2462	SISO	1	8.812	≥0.5	PASS
802.11g	2412	SISO	1	16.522	≥0.5	PASS
	2437	SISO	1	16.503	≥0.5	PASS
	2462	SISO	1	16.520	≥0.5	PASS
802.11n(HT20)	2412	SISO	1	17.726	≥0.5	PASS
	2437	SISO	1	17.685	≥0.5	PASS
	2462	SISO	1	17.718	≥0.5	PASS

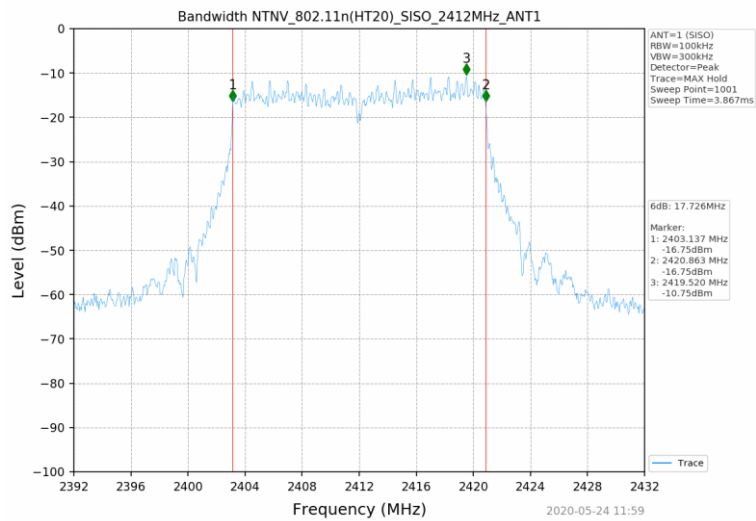
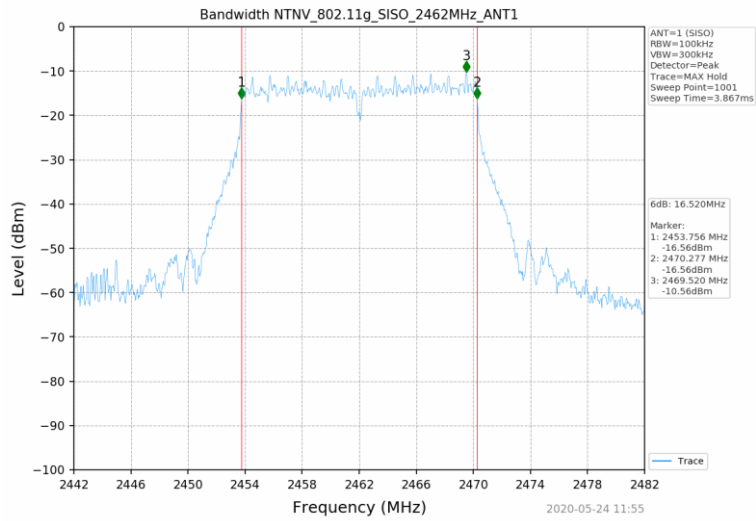
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	12.840	Only for Report Use
	2437	SISO	1	12.896	Only for Report Use
	2462	SISO	1	12.811	Only for Report Use
802.11g	2412	SISO	1	16.809	Only for Report Use
	2437	SISO	1	16.796	Only for Report Use
	2462	SISO	1	16.770	Only for Report Use
802.11n(HT20)	2412	SISO	1	17.793	Only for Report Use
	2437	SISO	1	17.788	Only for Report Use
	2462	SISO	1	17.789	Only for Report Use

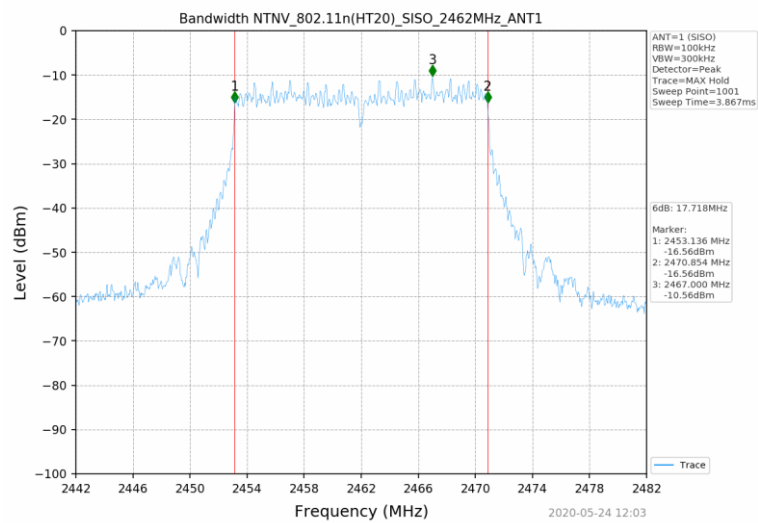
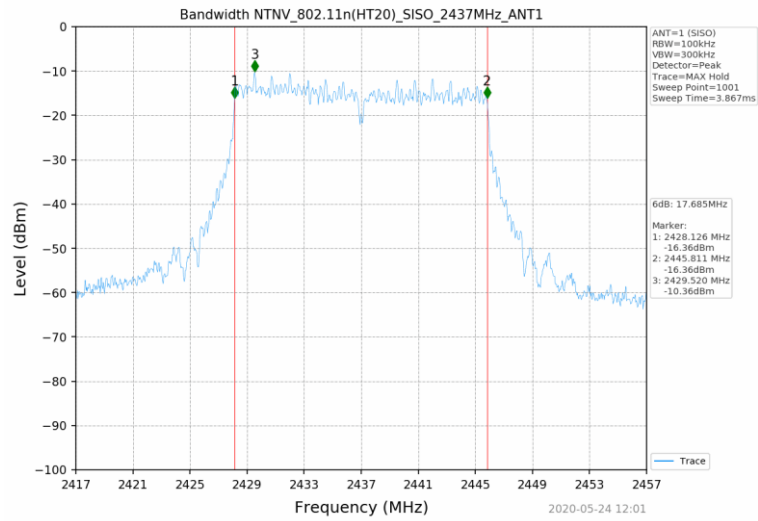
1.2 Test Graph - 6dB Bandwidth



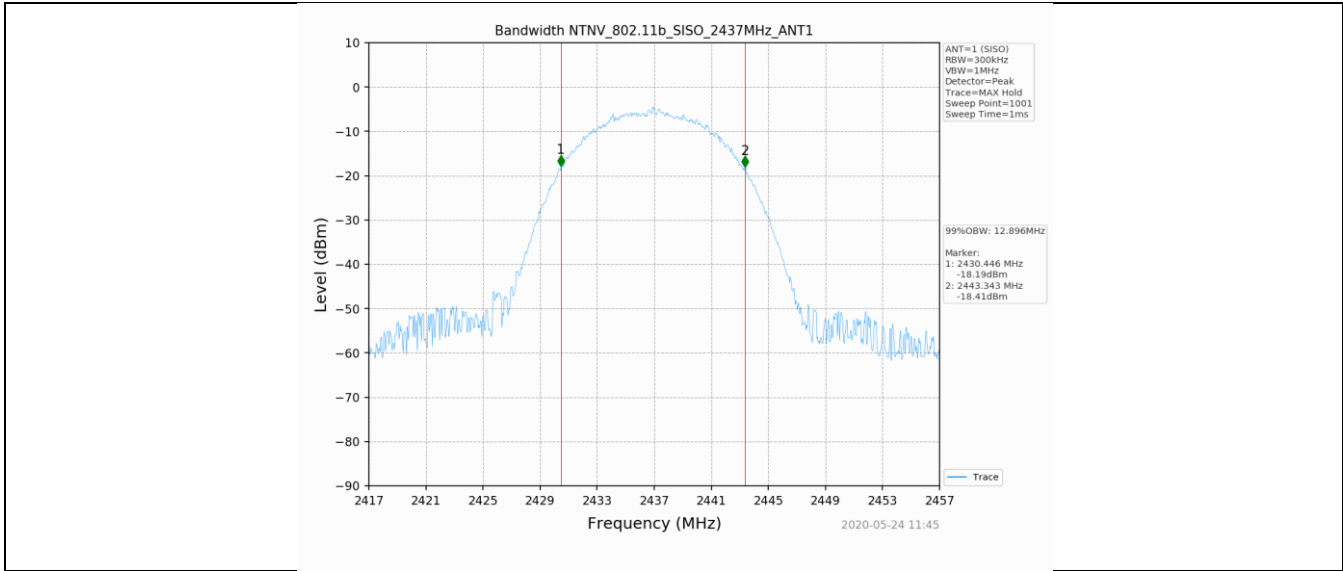
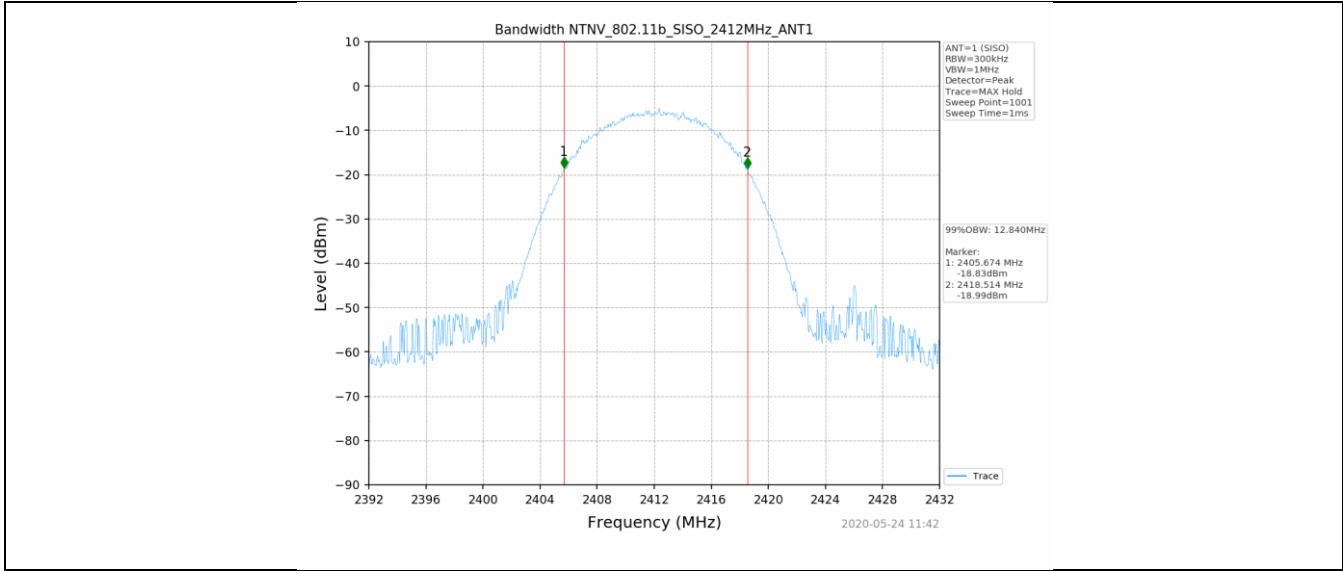


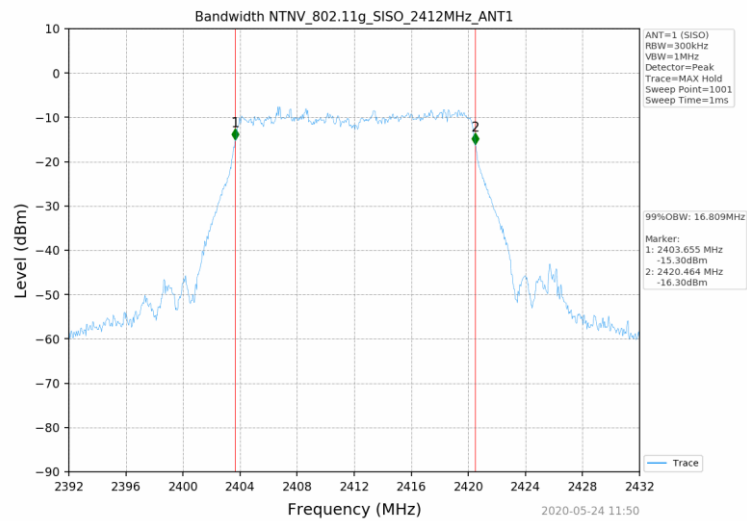
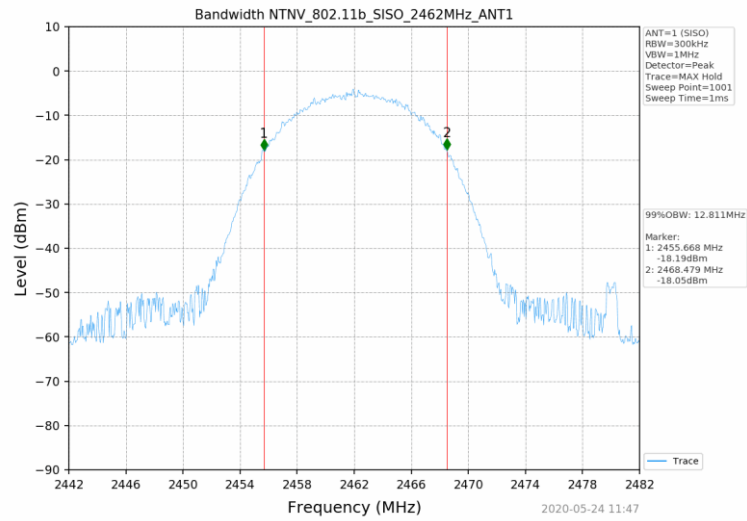


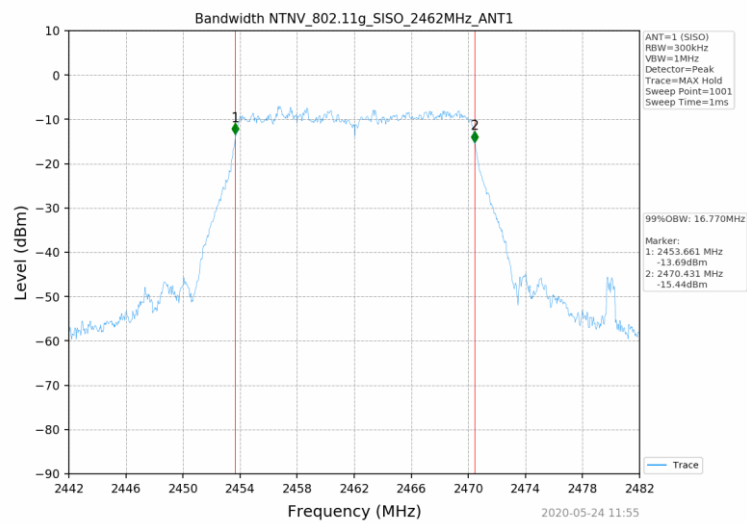
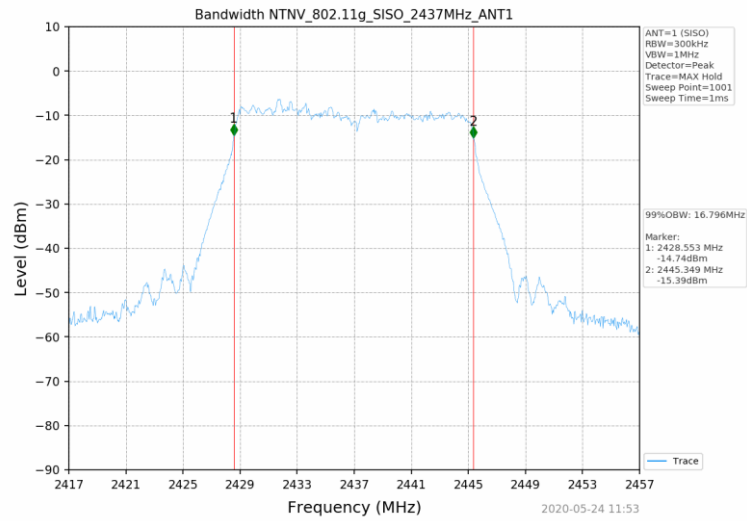


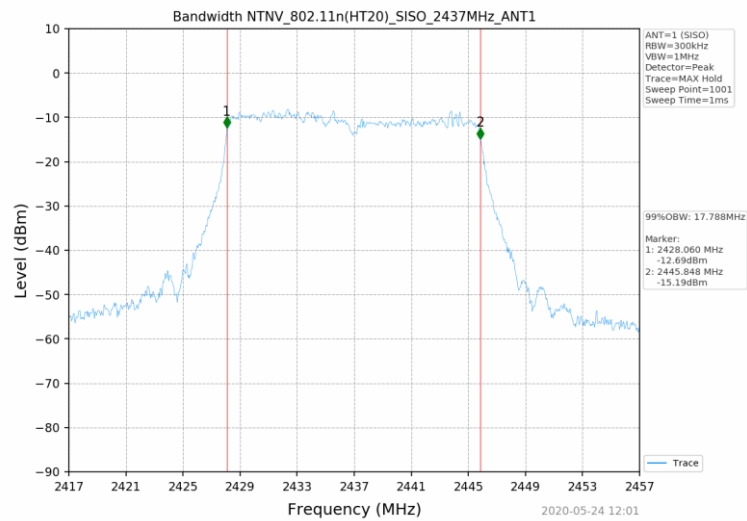
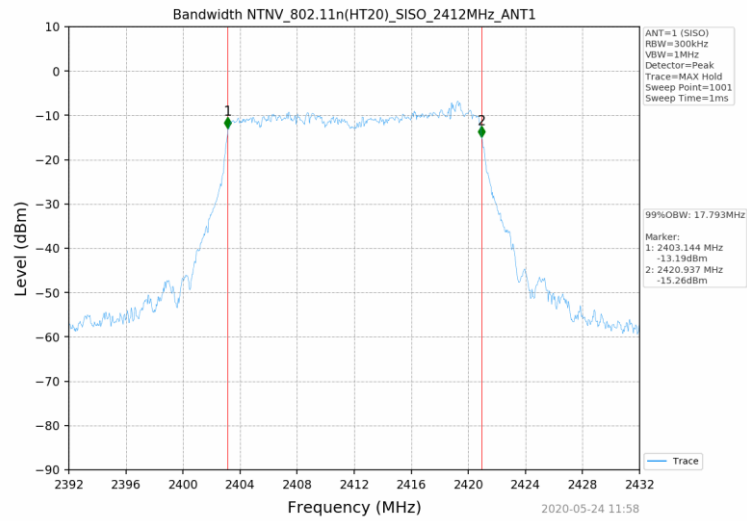


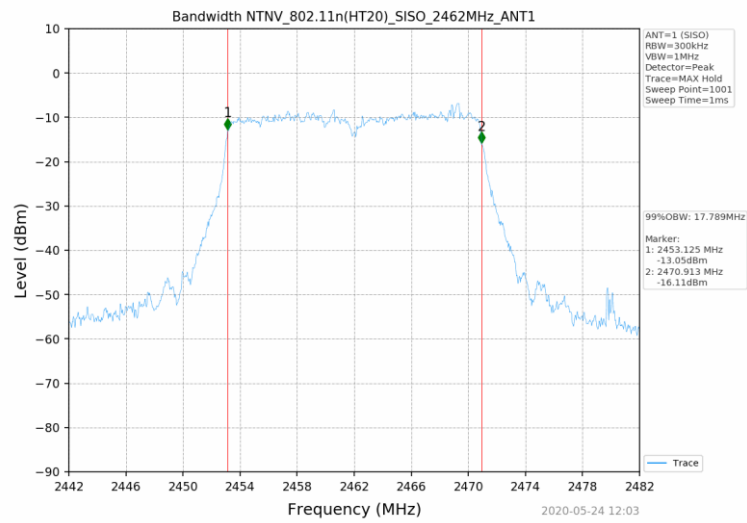
1.3 Test Graph - 99% Occupied Bandwidth











2. Maximum Conducted Output Power

2.1 Test Result

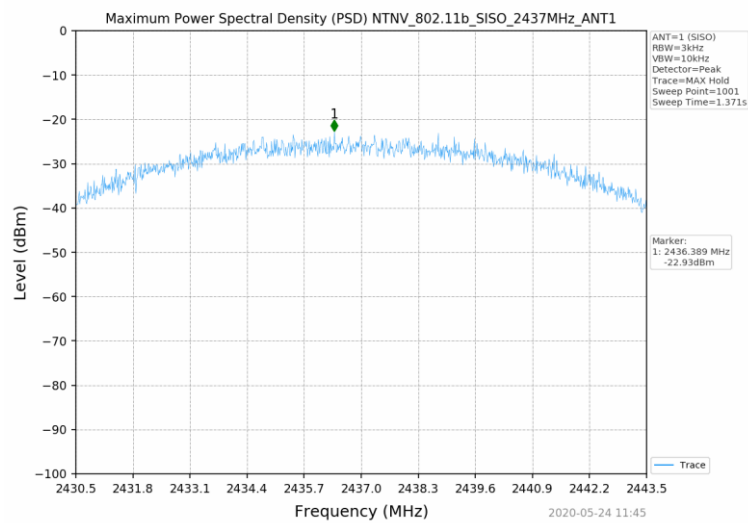
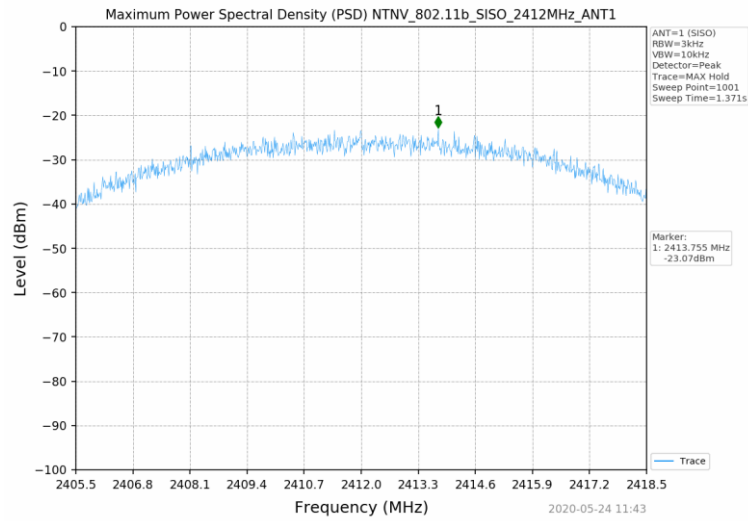
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
802.11b	2412	SISO	5.47	30	PASS
	2437	SISO	5.76	30	PASS
	2462	SISO	6.22	30	PASS
802.11g	2412	SISO	7.62	30	PASS
	2437	SISO	7.94	30	PASS
	2462	SISO	8.23	30	PASS
802.11n(HT20)	2412	SISO	7.80	30	PASS
	2437	SISO	7.90	30	PASS
	2462	SISO	8.14	30	PASS

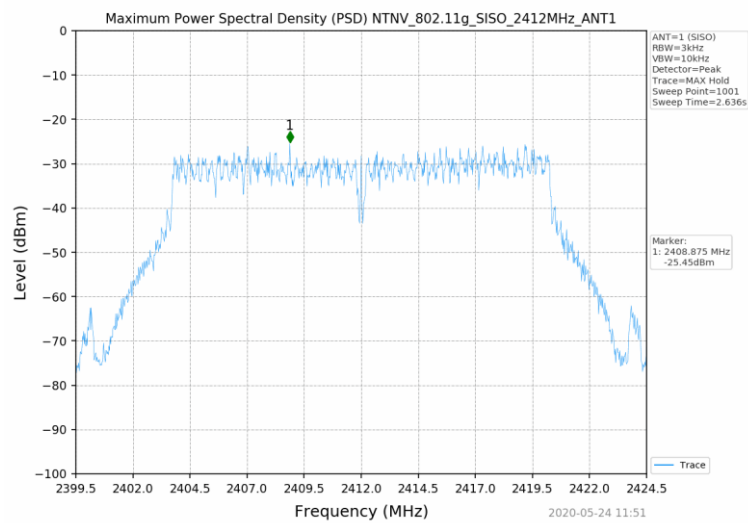
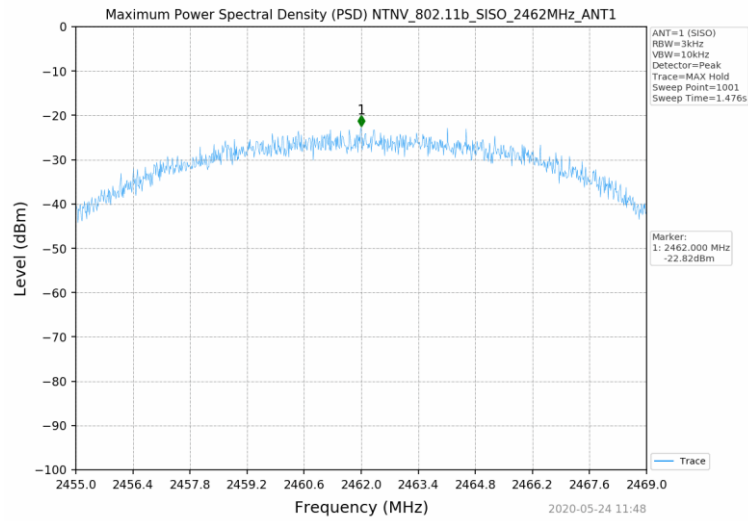
3. Maximum Power Spectral Density (PSD)

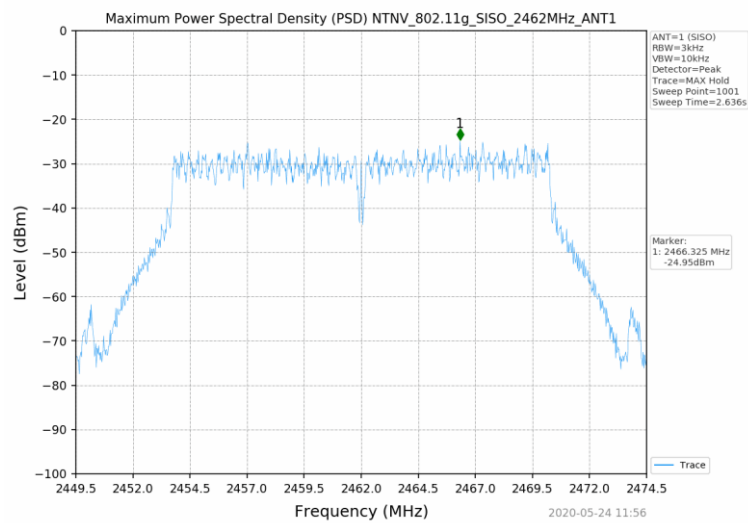
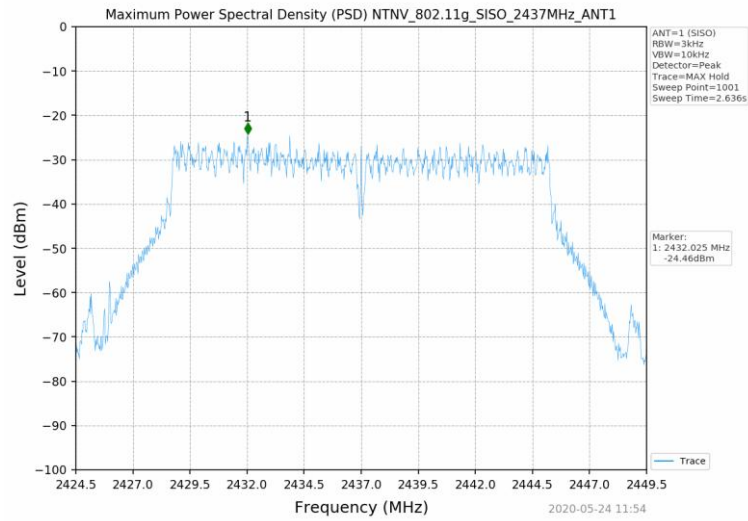
3.1 Test Result

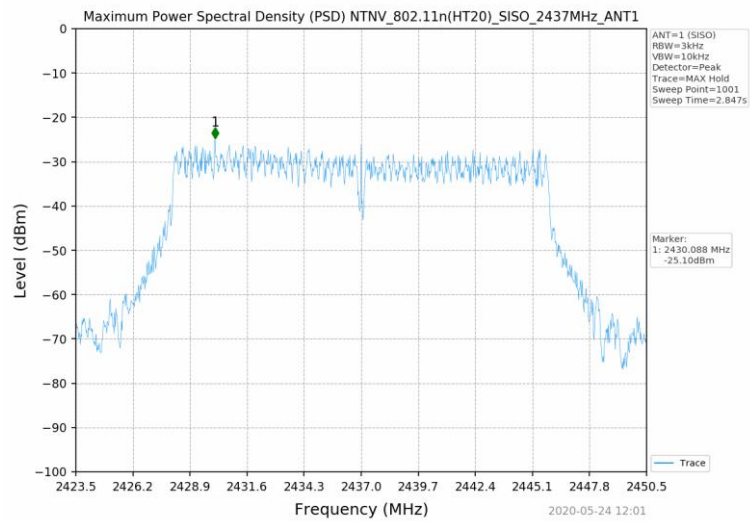
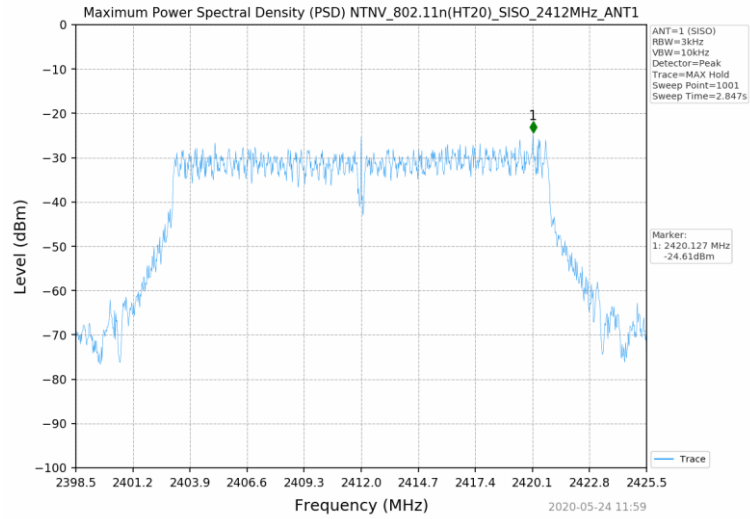
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
802.11b	2412	SISO	-23.07	≤8	PASS
	2437	SISO	-22.93	≤8	PASS
	2462	SISO	-22.82	≤8	PASS
802.11g	2412	SISO	-25.45	≤8	PASS
	2437	SISO	-24.46	≤8	PASS
	2462	SISO	-24.95	≤8	PASS
802.11n(HT20)	2412	SISO	-24.61	≤8	PASS
	2437	SISO	-25.10	≤8	PASS
	2462	SISO	-24.75	≤8	PASS

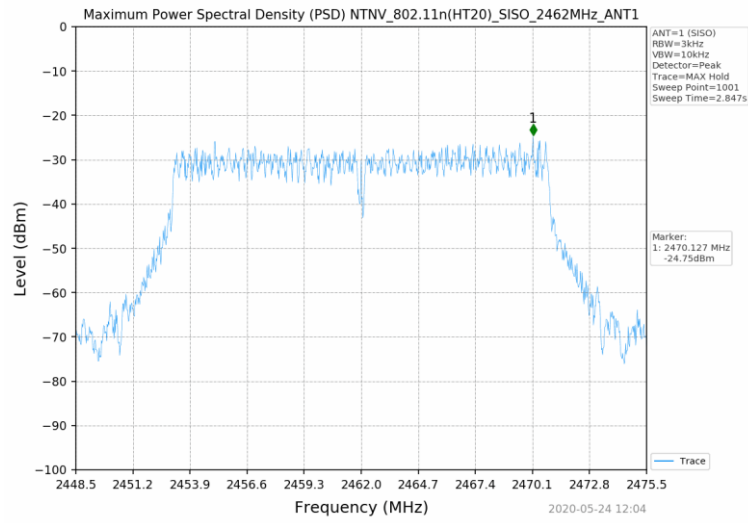
3.2 Test Graph











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	-26.39	PASS
	2437	SISO	1	Refer to test graph	-26.39	PASS
	2462	SISO	1	Refer to test graph	-26.39	PASS
802.11g	2412	SISO	1	Refer to test graph	-30.14	PASS
	2437	SISO	1	Refer to test graph	-30.14	PASS
	2462	SISO	1	Refer to test graph	-30.14	PASS
802.11n(HT20)	2412	SISO	1	Refer to test graph	-30.37	PASS
	2437	SISO	1	Refer to test graph	-30.37	PASS
	2462	SISO	1	Refer to test graph	-30.37	PASS

4.2 Test Graph

