

Report No.: CTL2007173012-WF

Appendix for 15.247

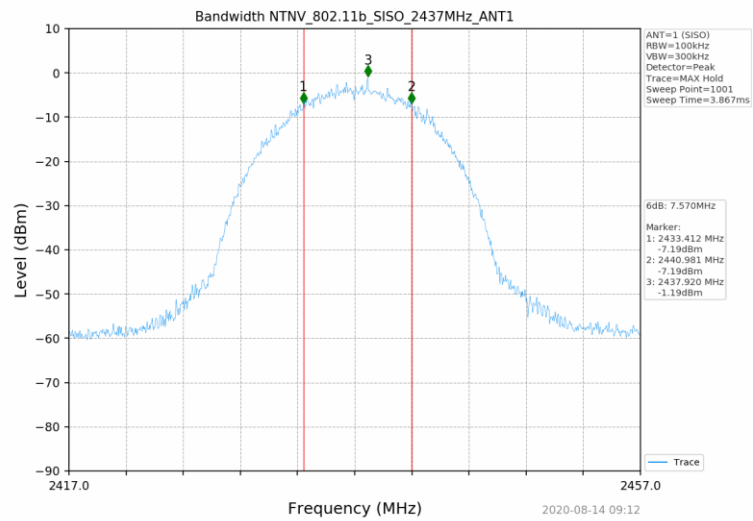
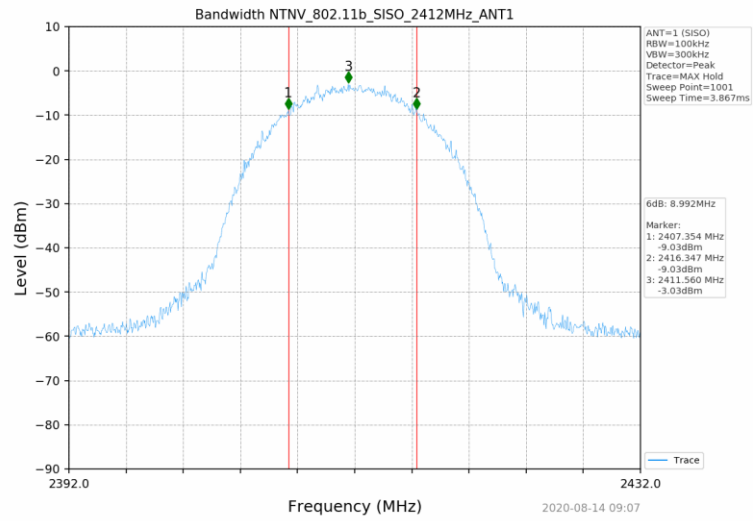
1. Bandwidth

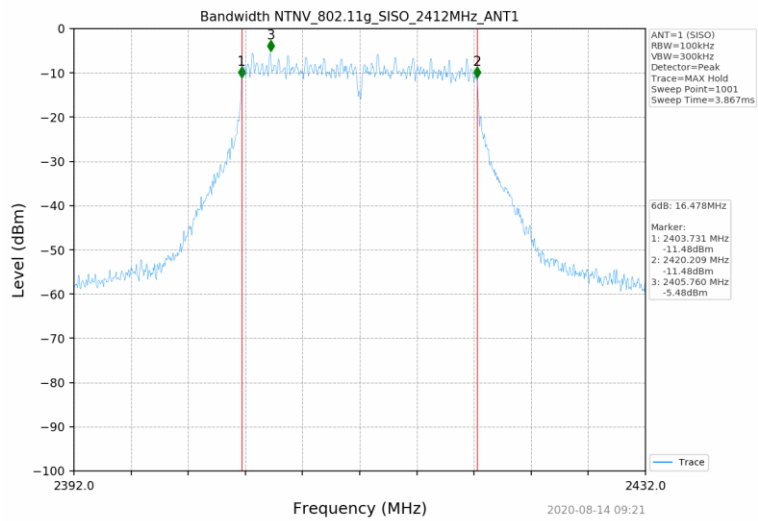
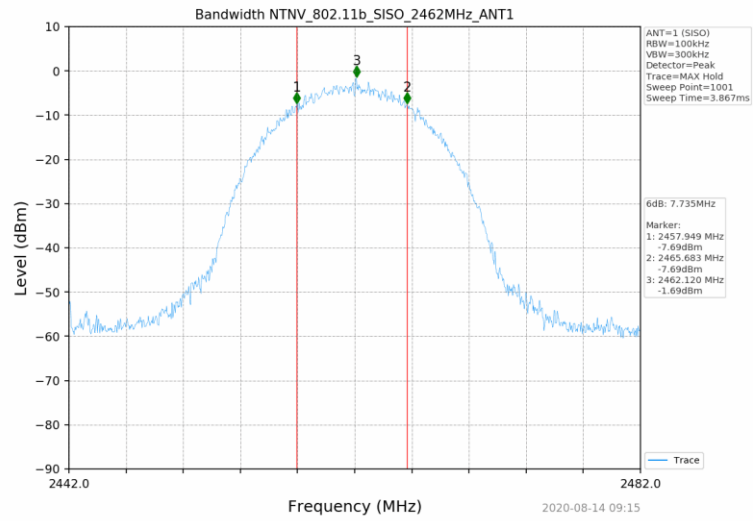
1.1 Test Result

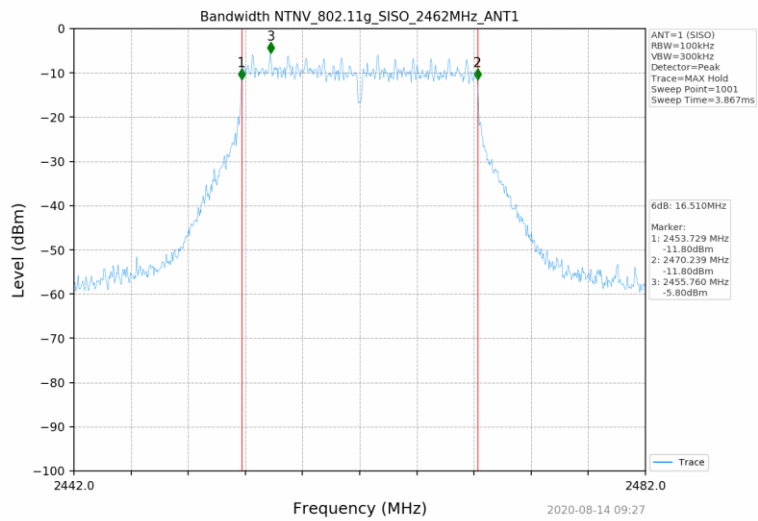
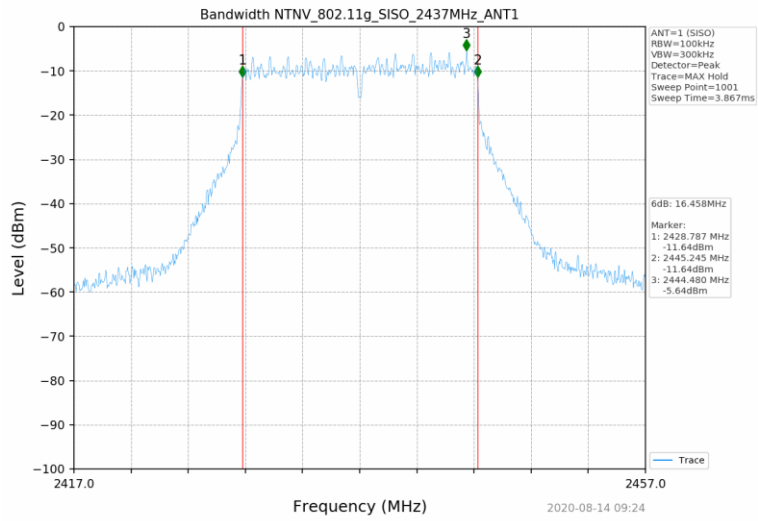
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11b	2412	SISO	1	8.992	≥ 0.5	PASS
	2437	SISO	1	7.570	≥ 0.5	PASS
	2462	SISO	1	7.735	≥ 0.5	PASS
802.11g	2412	SISO	1	16.478	≥ 0.5	PASS
	2437	SISO	1	16.458	≥ 0.5	PASS
	2462	SISO	1	16.510	≥ 0.5	PASS
802.11n(HT20)	2412	SISO	1	17.599	≥ 0.5	PASS
	2437	SISO	1	17.696	≥ 0.5	PASS
	2462	SISO	1	17.456	≥ 0.5	PASS
802.11n(HT40)	2422	SISO	1	36.322	≥ 0.5	PASS
	2437	SISO	1	36.115	≥ 0.5	PASS
	2452	SISO	1	36.331	≥ 0.5	PASS

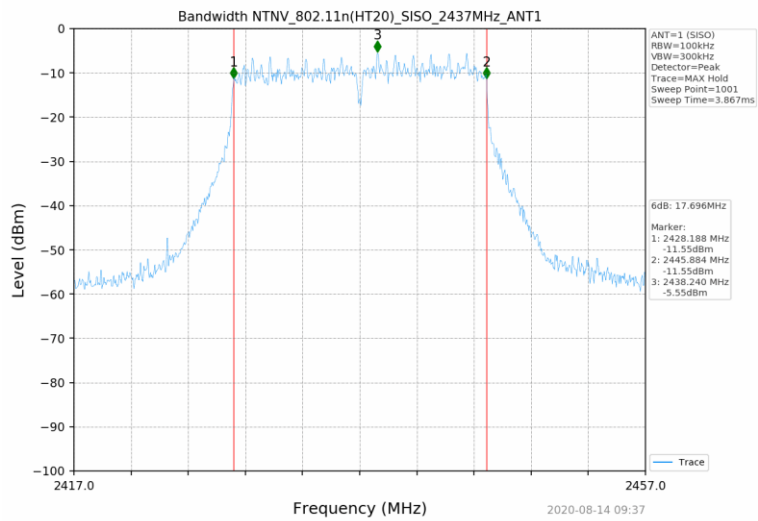
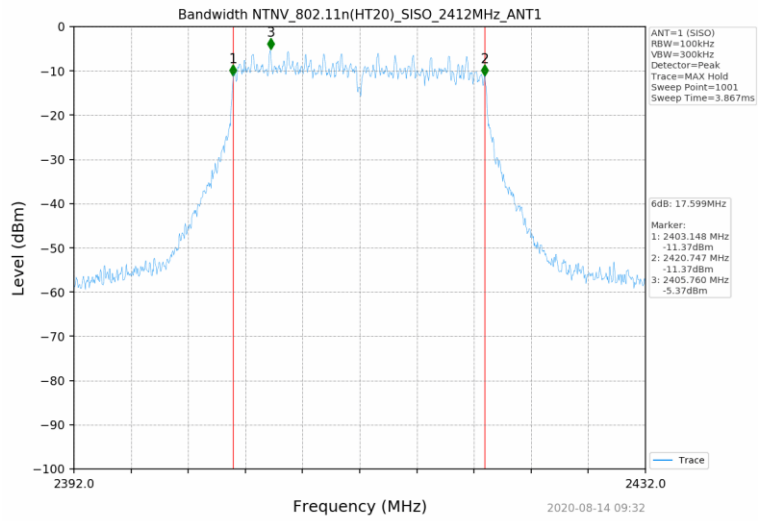
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	13.293	Only for Report Use
	2437	SISO	1	13.281	Only for Report Use
	2462	SISO	1	13.292	Only for Report Use
802.11g	2412	SISO	1	16.688	Only for Report Use
	2437	SISO	1	16.698	Only for Report Use
	2462	SISO	1	16.717	Only for Report Use
802.11n(HT20)	2412	SISO	1	17.766	Only for Report Use
	2437	SISO	1	17.816	Only for Report Use
	2462	SISO	1	17.821	Only for Report Use
802.11n(HT40)	2422	SISO	1	36.631	Only for Report Use
	2437	SISO	1	36.543	Only for Report Use
	2452	SISO	1	36.428	Only for Report Use

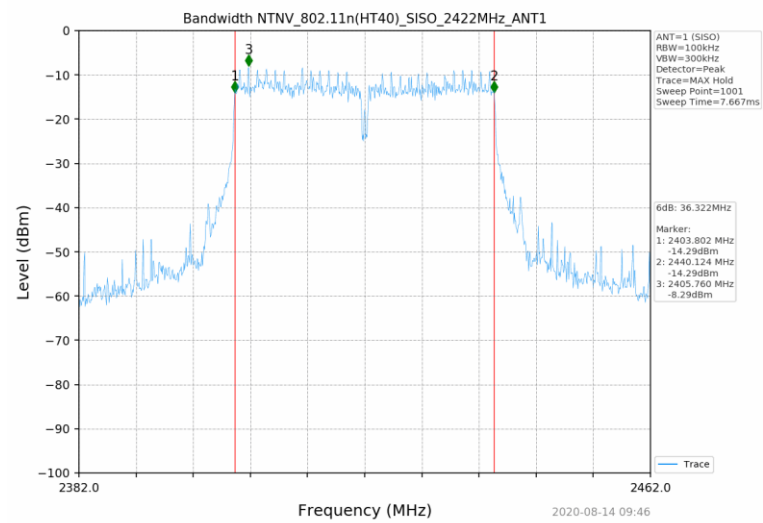
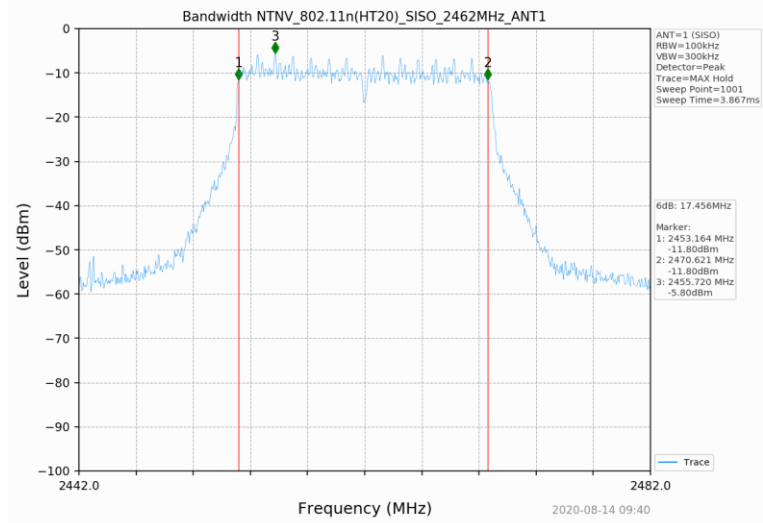
1.2 Test Graph - 6dB Bandwidth

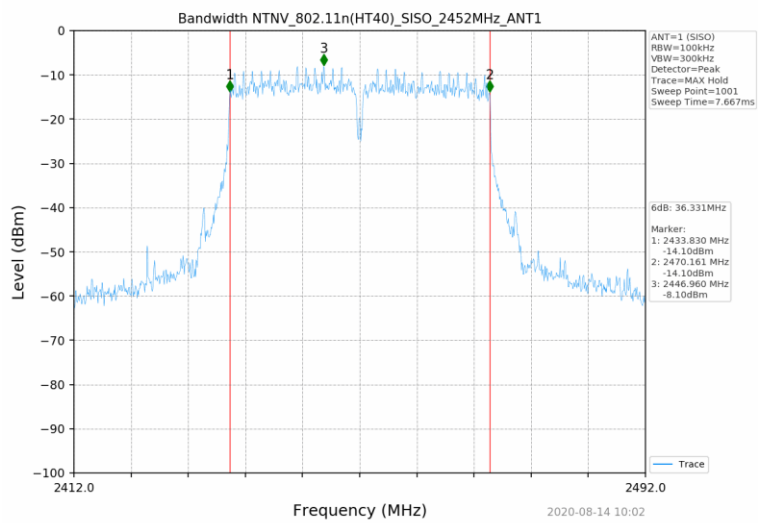
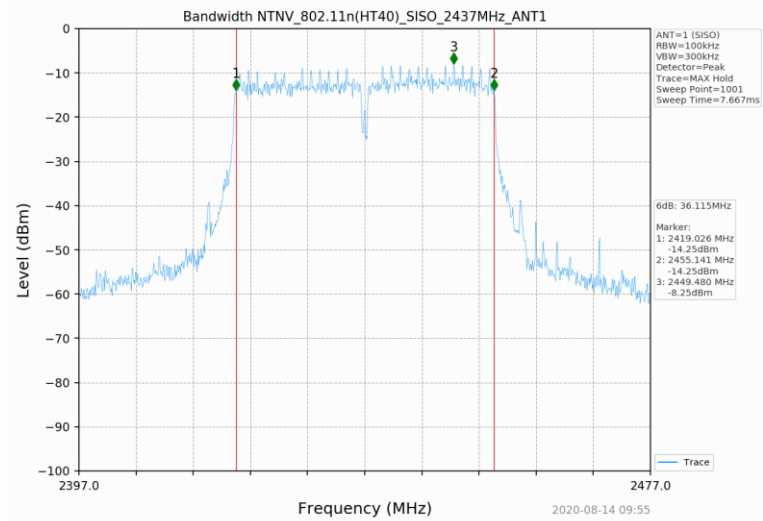




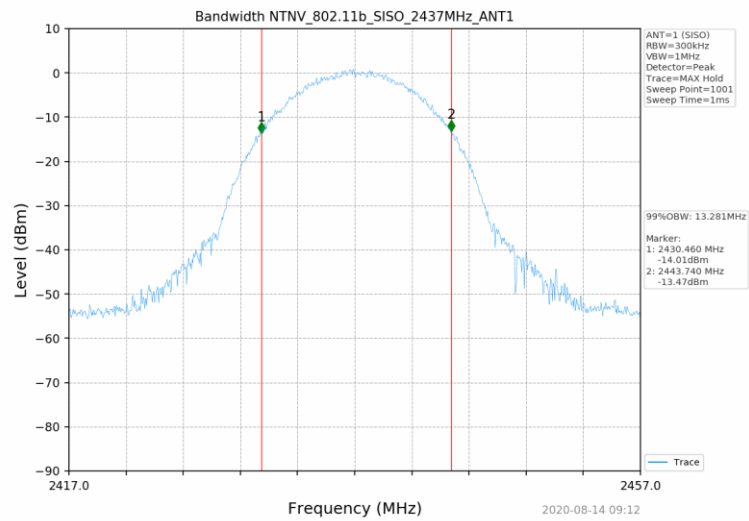
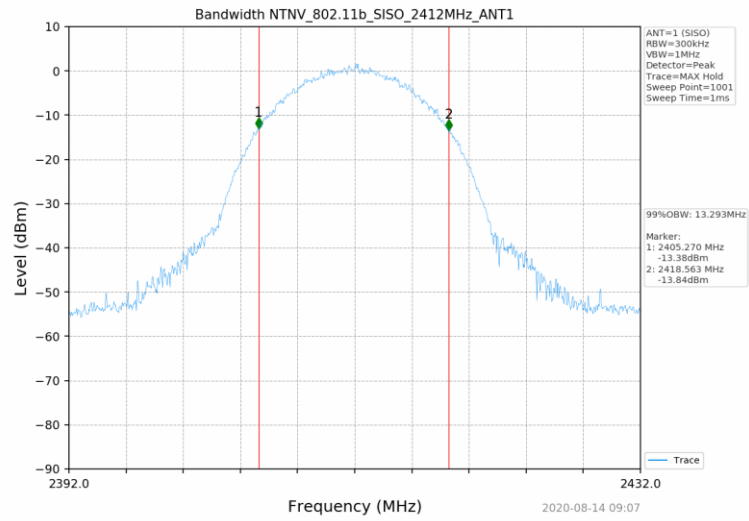


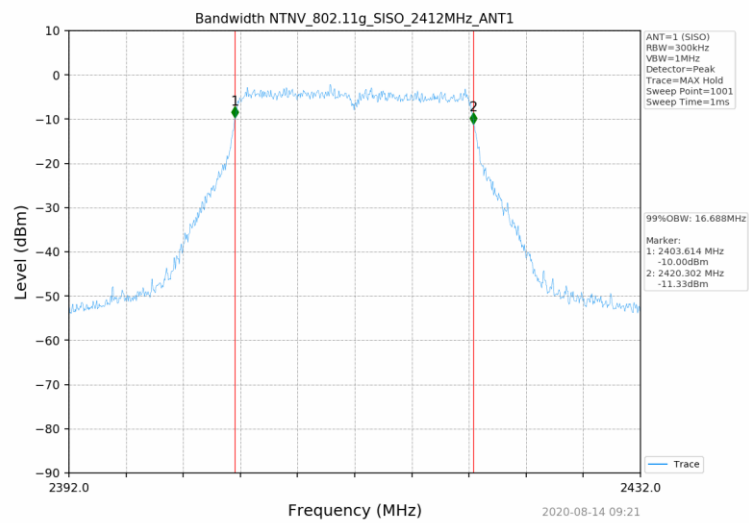
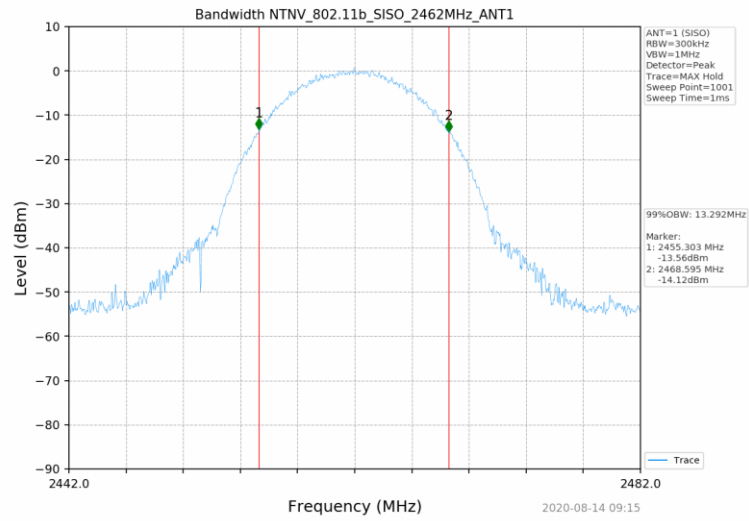


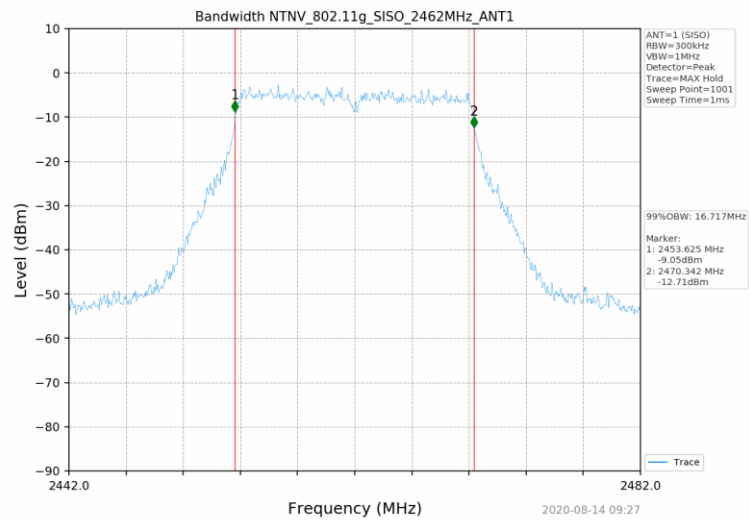
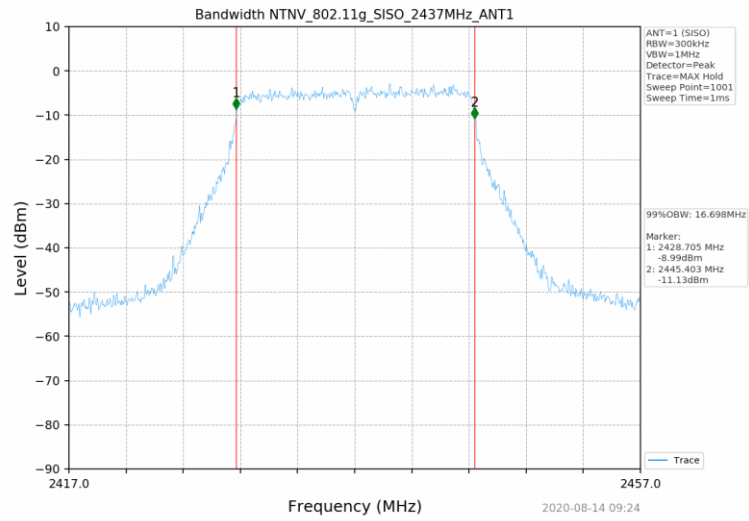


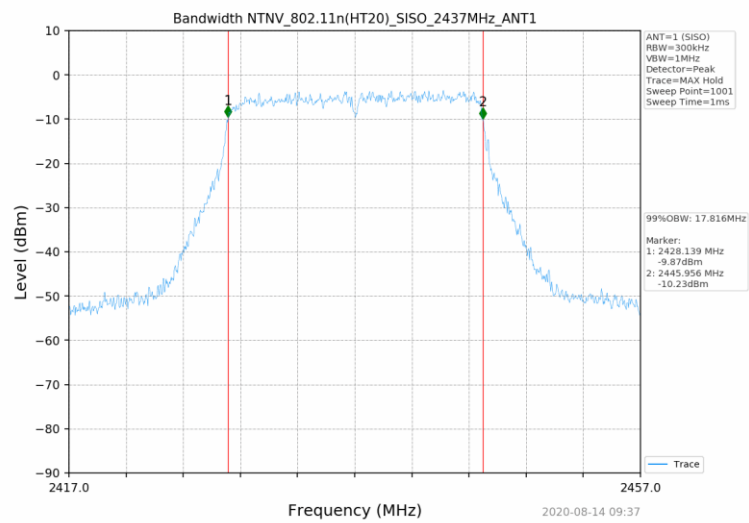
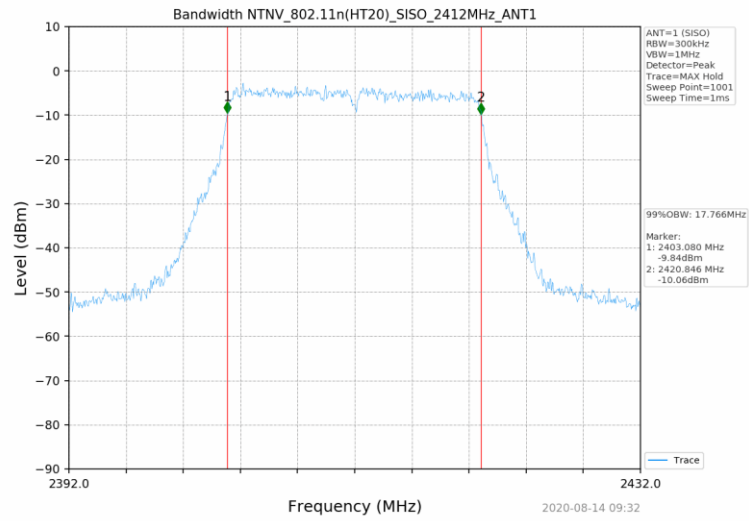


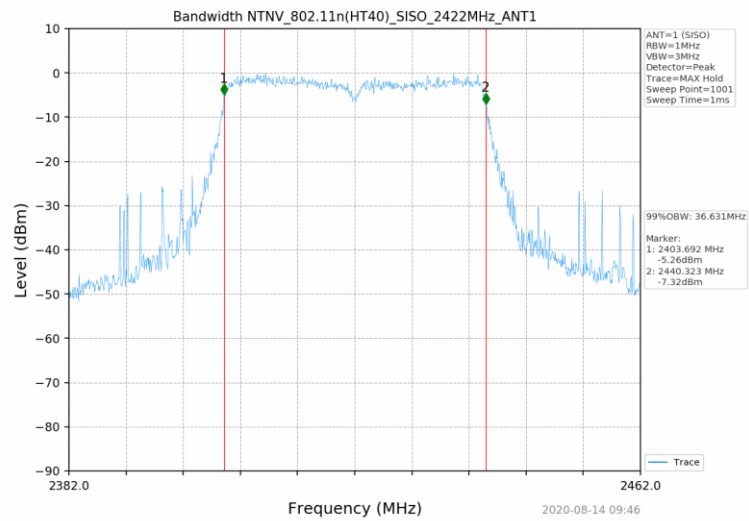
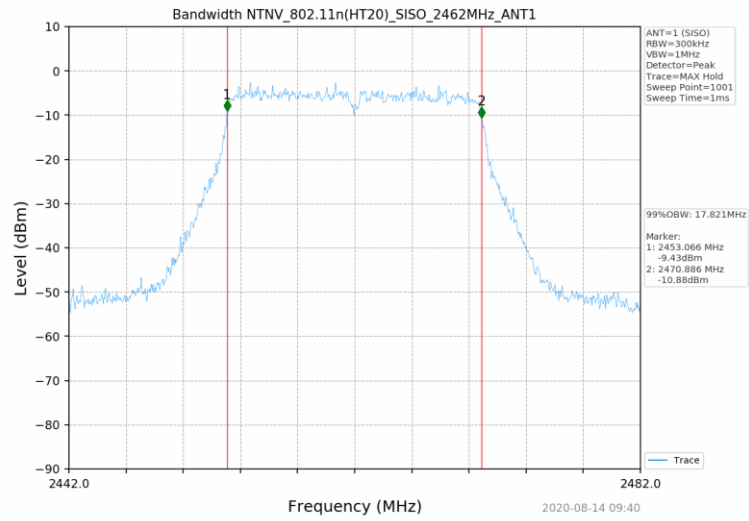
2.3 Test Graph - 99% Occupied Bandwidth

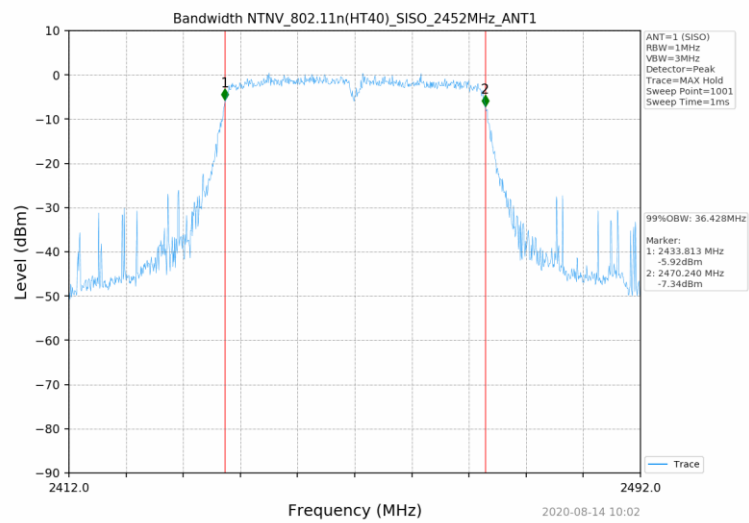
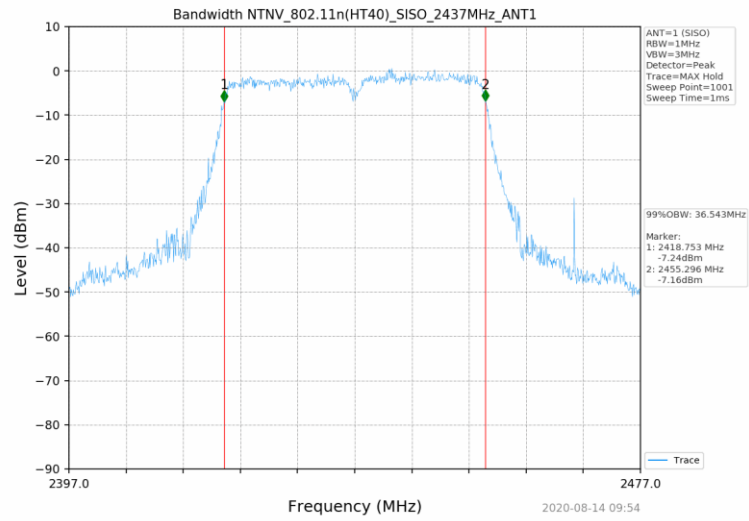










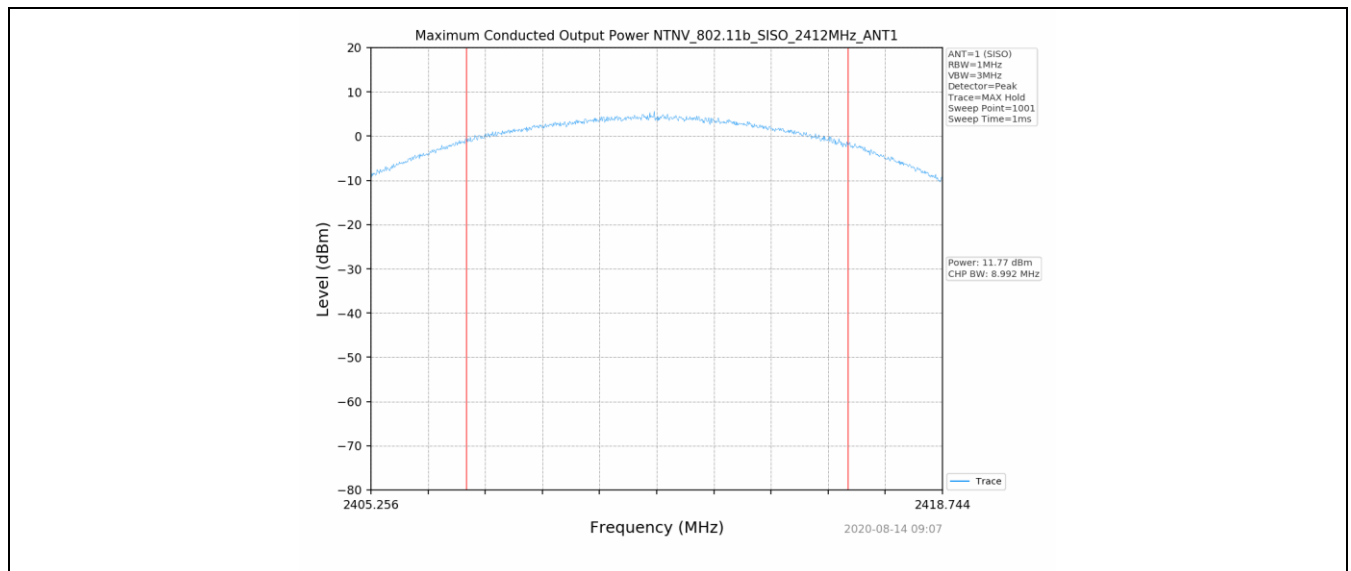


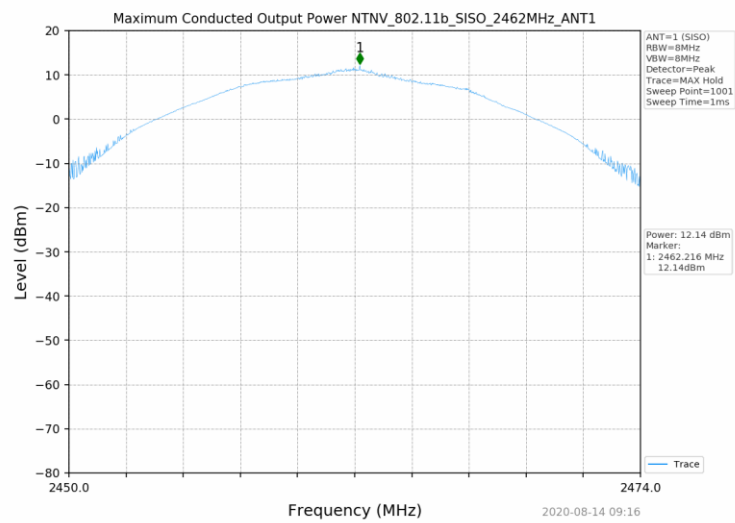
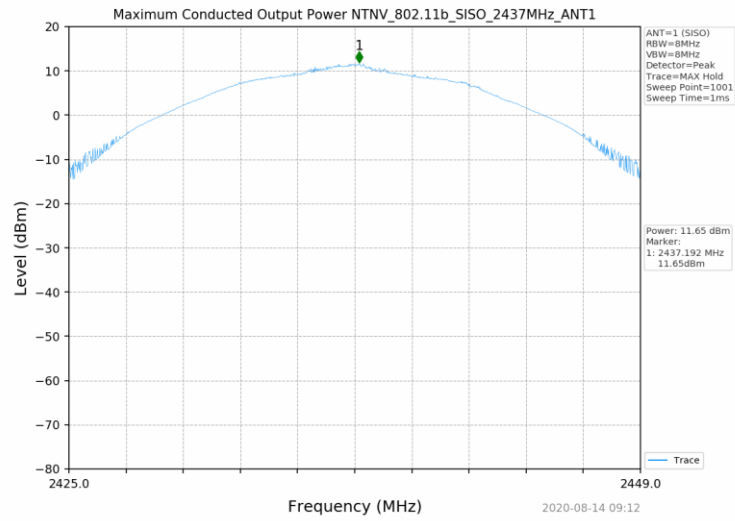
2. Maximum Conducted Output Power

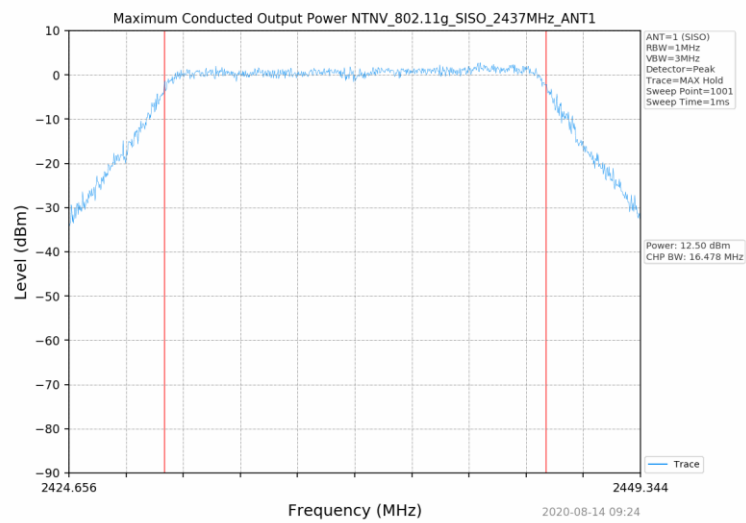
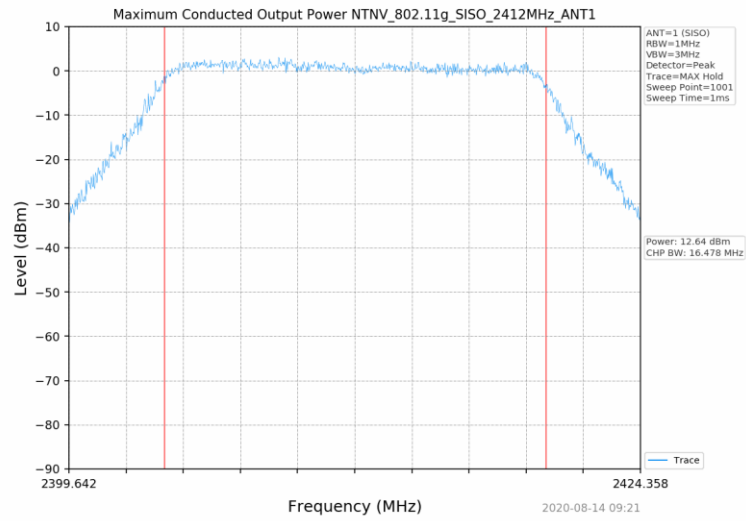
2.1 Test Result

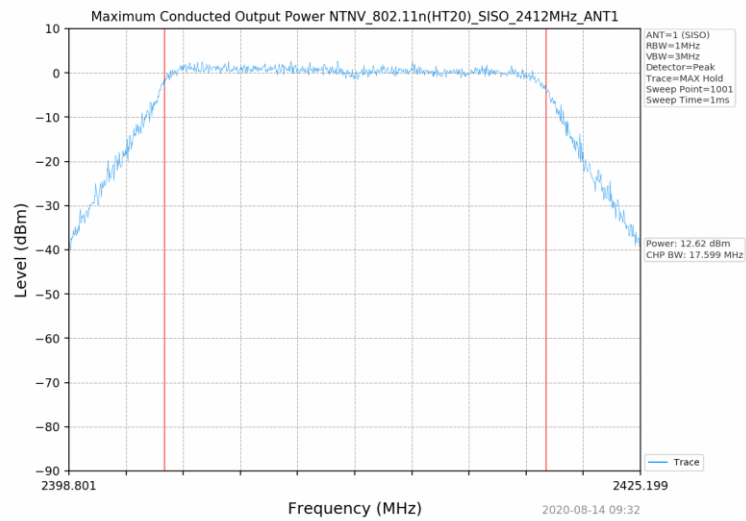
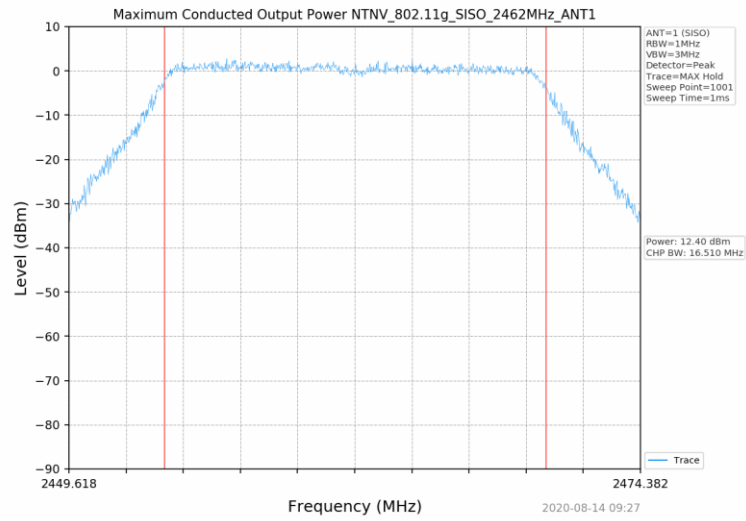
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
802.11b	2412	SISO	11.77	30	PASS
	2437	SISO	11.65	30	PASS
	2462	SISO	12.14	30	PASS
802.11g	2412	SISO	12.64	30	PASS
	2437	SISO	12.50	30	PASS
	2462	SISO	12.40	30	PASS
802.11n(HT20)	2412	SISO	12.62	30	PASS
	2437	SISO	12.52	30	PASS
	2462	SISO	12.32	30	PASS
802.11n(HT40)	2422	SISO	12.39	30	PASS
	2437	SISO	12.54	30	PASS
	2452	SISO	12.56	30	PASS

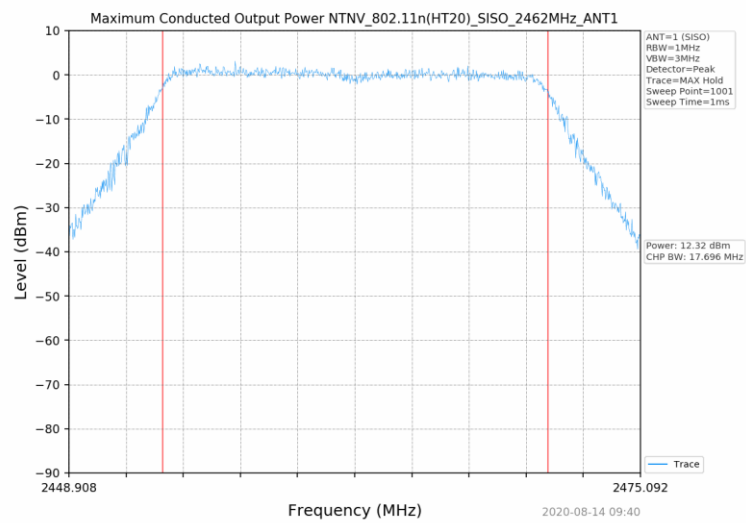
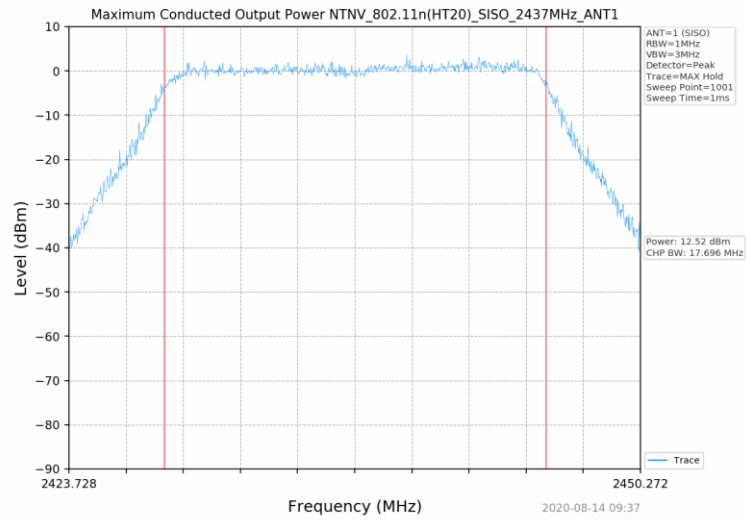
3.2 Test Graph

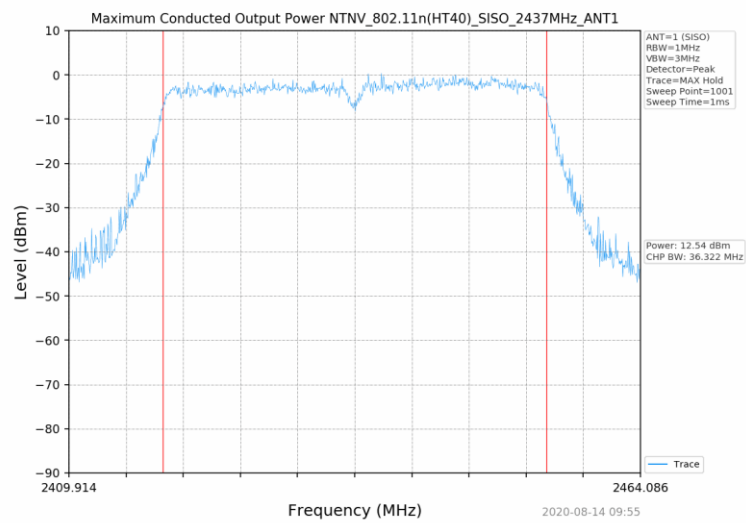
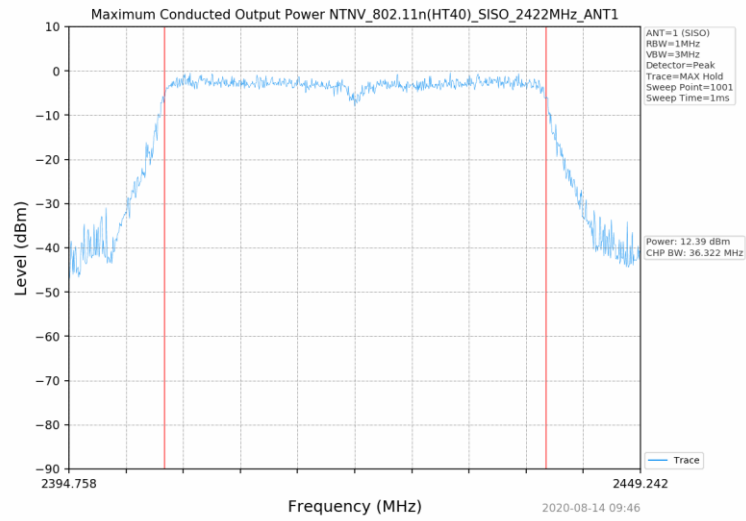


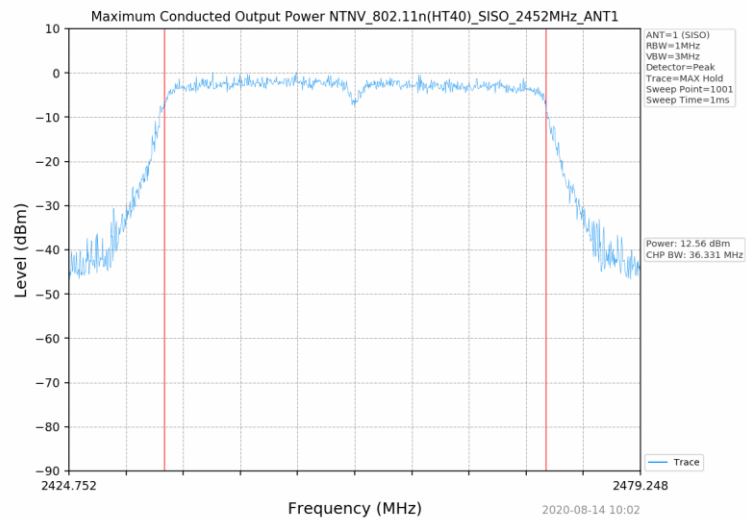










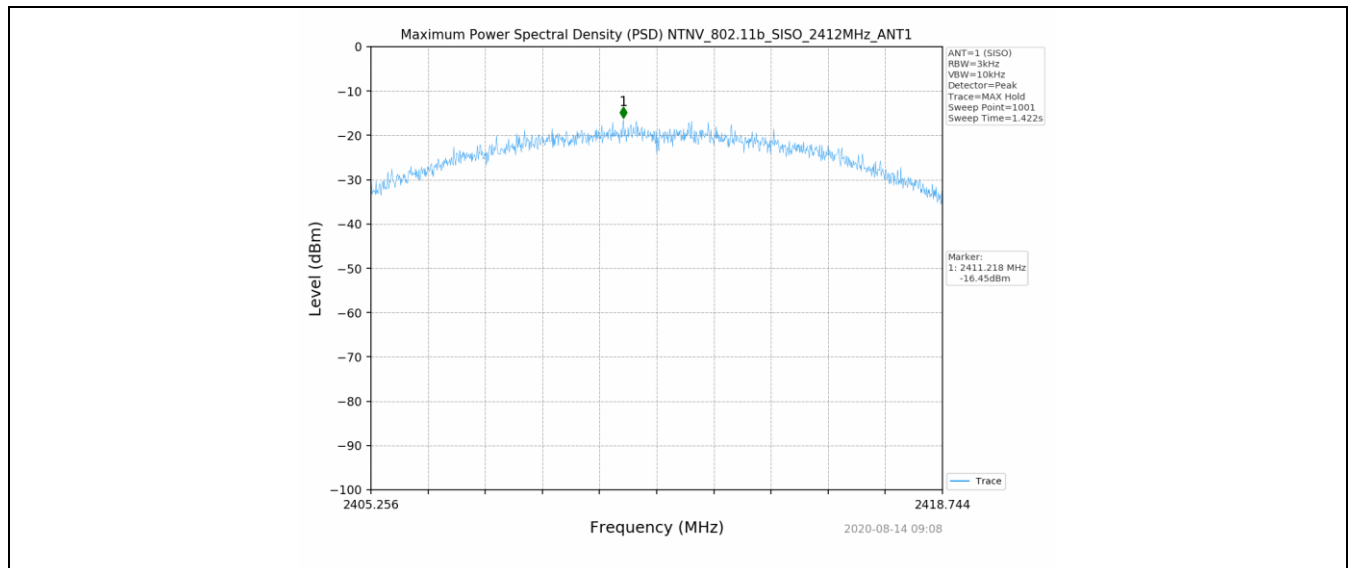


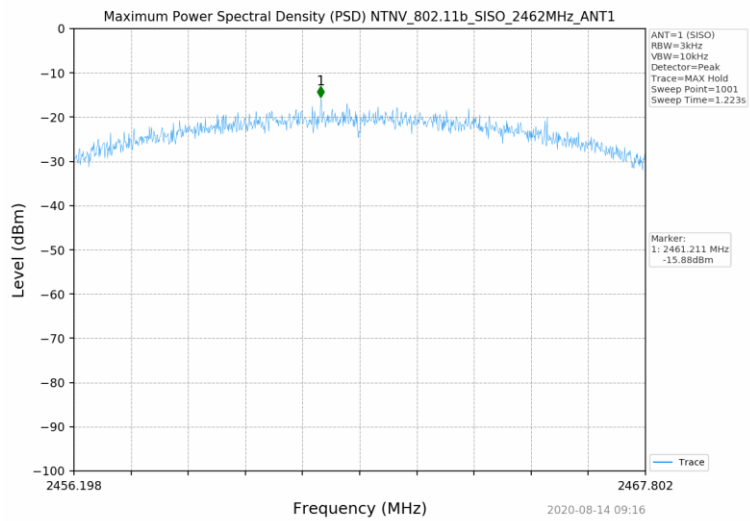
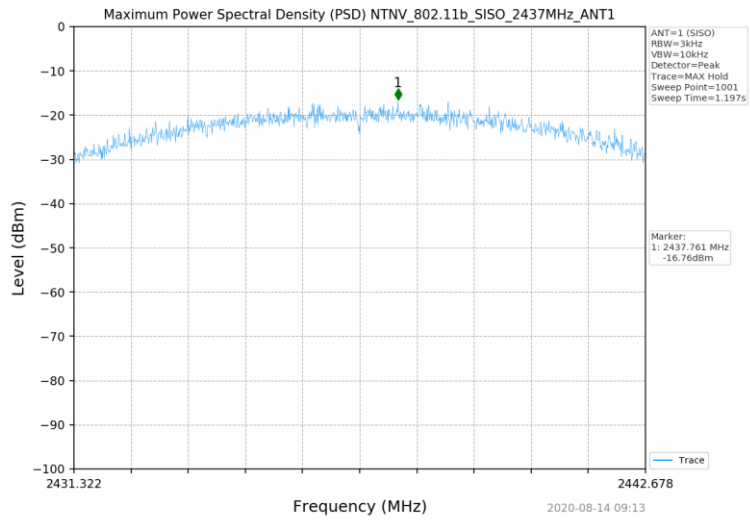
3. Maximum Power Spectral Density (PSD)

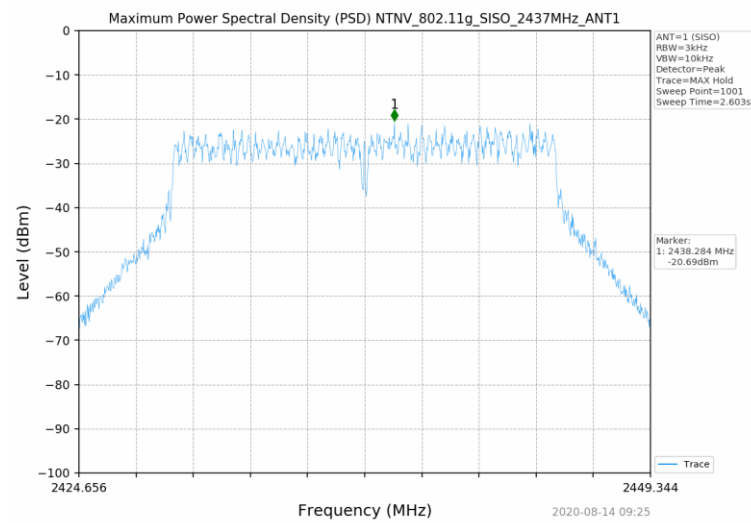
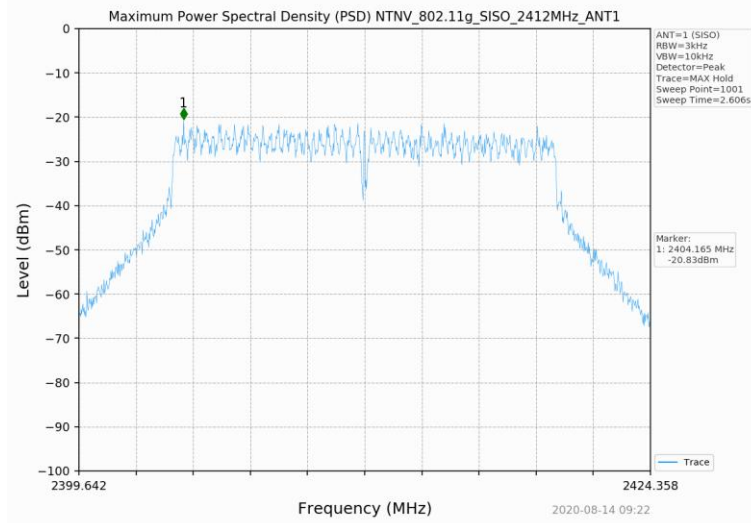
3.1 Test Result

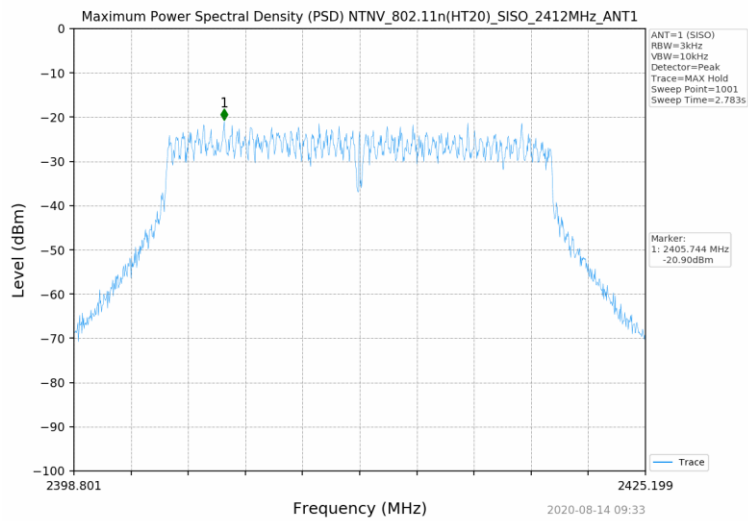
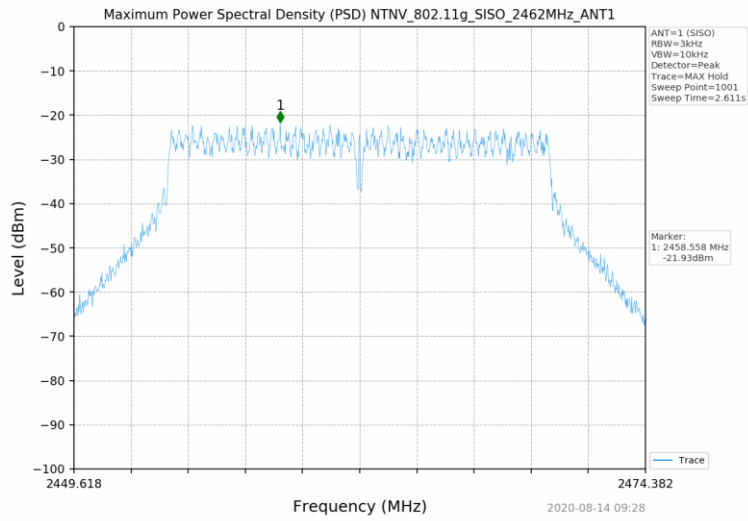
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
802.11b	2412	SISO	-16.45	≤8	PASS
	2437	SISO	-16.76	≤8	PASS
	2462	SISO	-15.88	≤8	PASS
802.11g	2412	SISO	-20.83	≤8	PASS
	2437	SISO	-20.69	≤8	PASS
	2462	SISO	-21.93	≤8	PASS
802.11n(HT20)	2412	SISO	-20.90	≤8	PASS
	2437	SISO	-20.27	≤8	PASS
	2462	SISO	-22.01	≤8	PASS
802.11n(HT40)	2422	SISO	-24.74	≤8	PASS
	2437	SISO	-23.54	≤8	PASS
	2452	SISO	-23.59	≤8	PASS

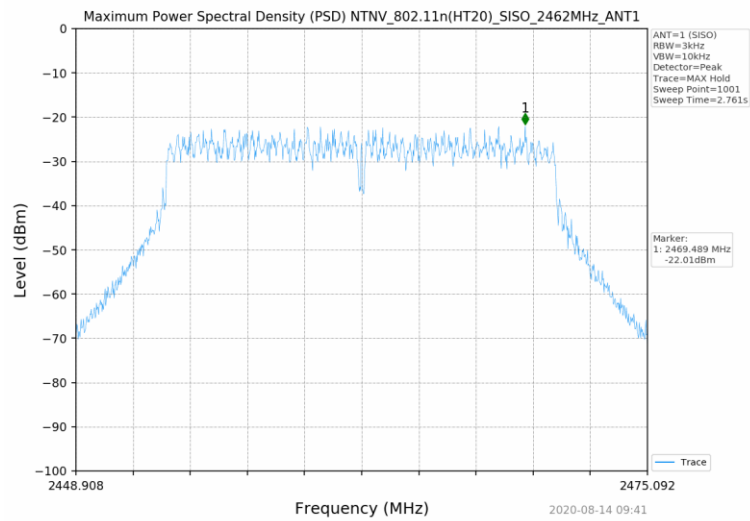
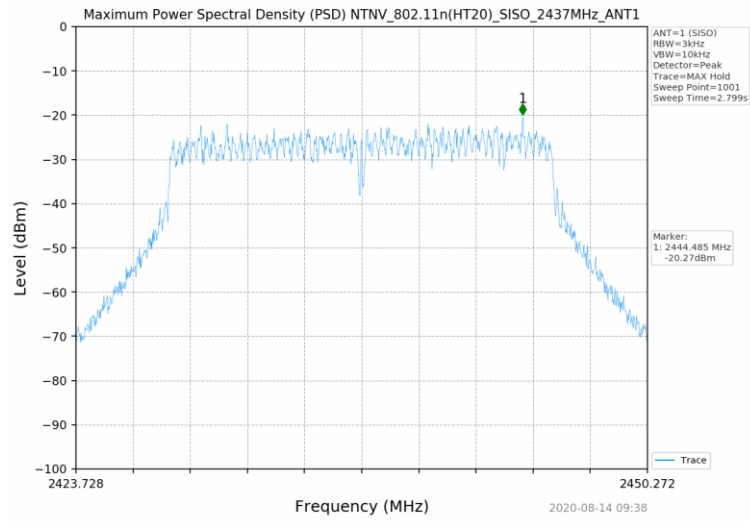
3.2 Test Graph

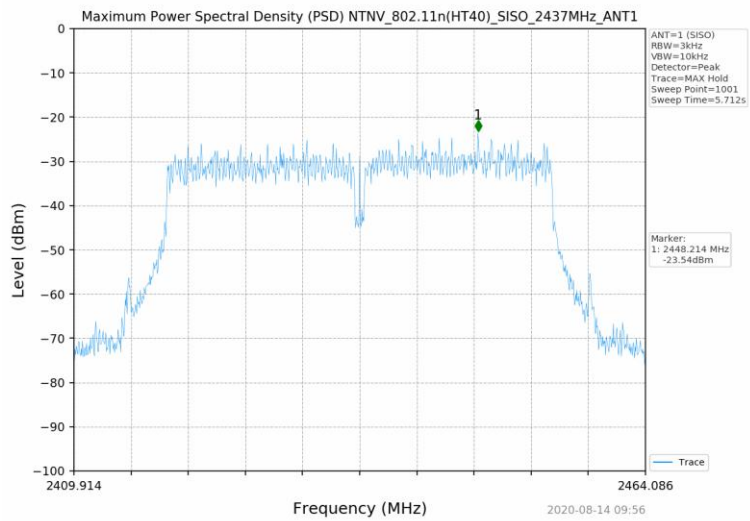
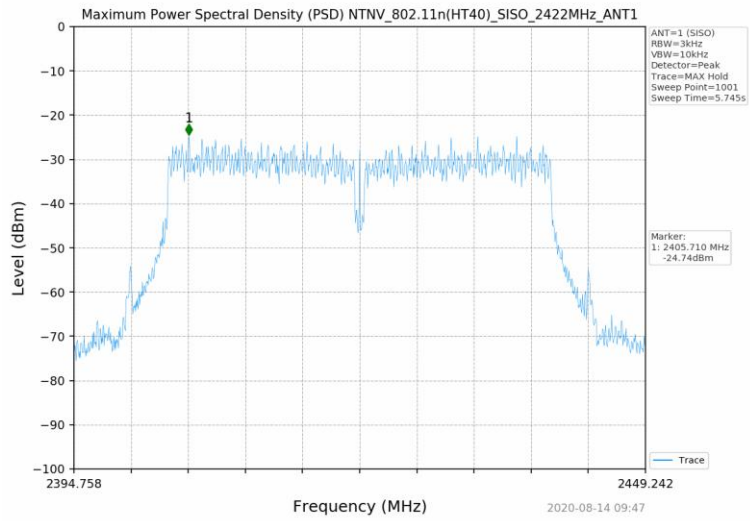


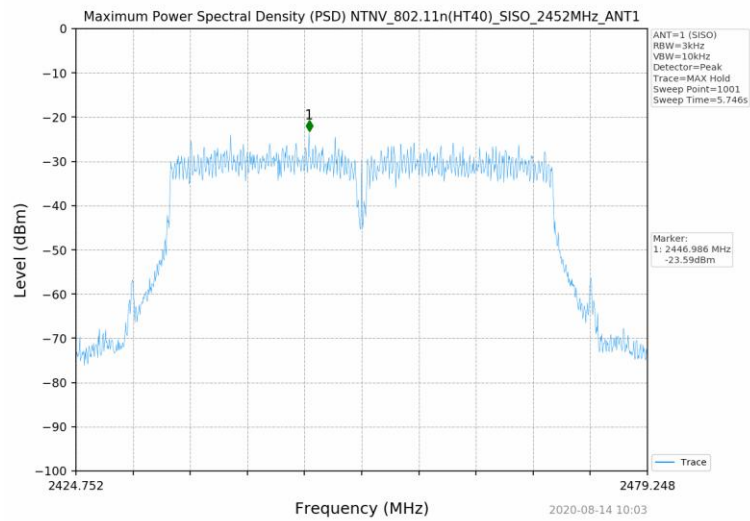










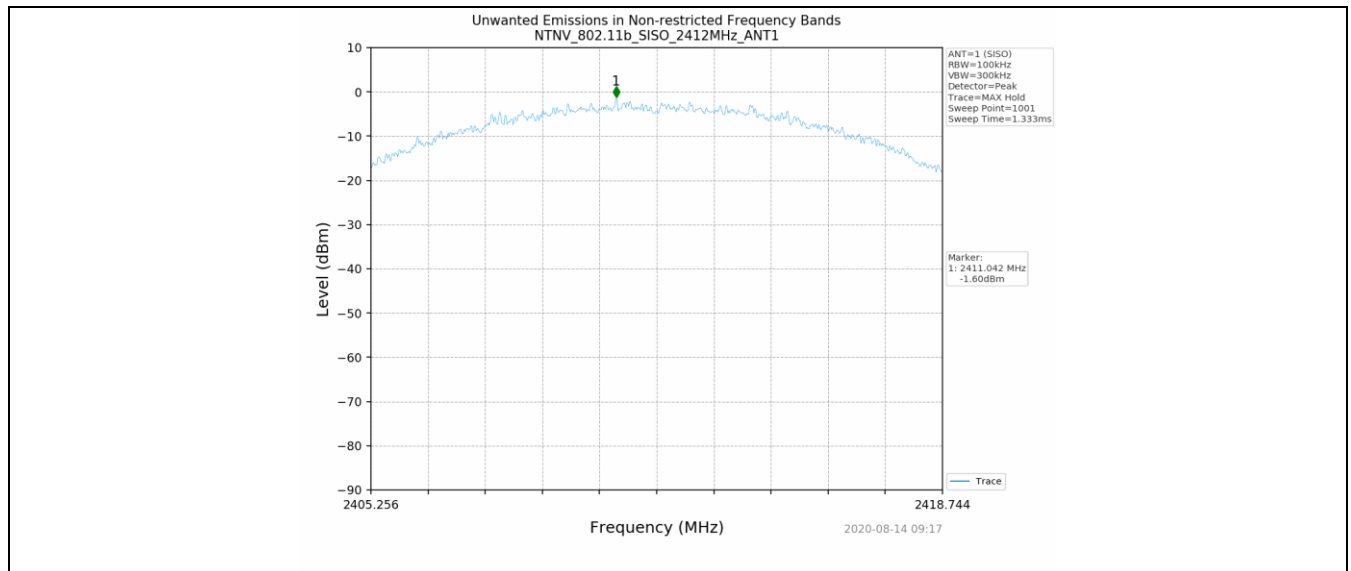


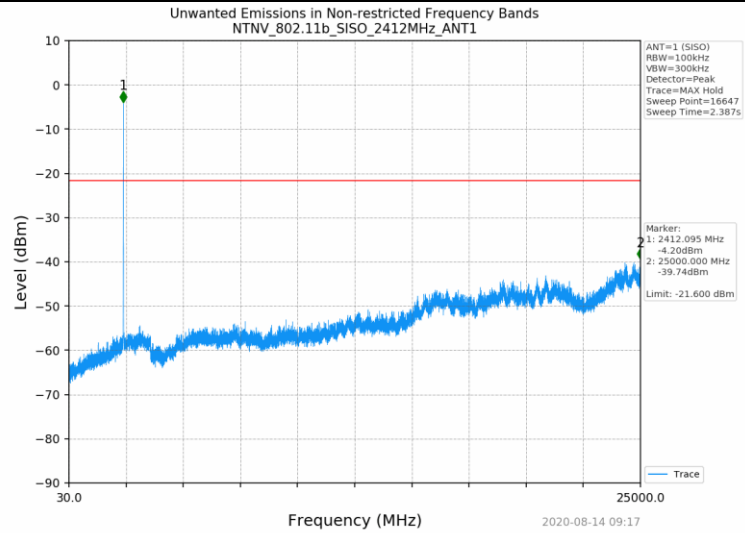
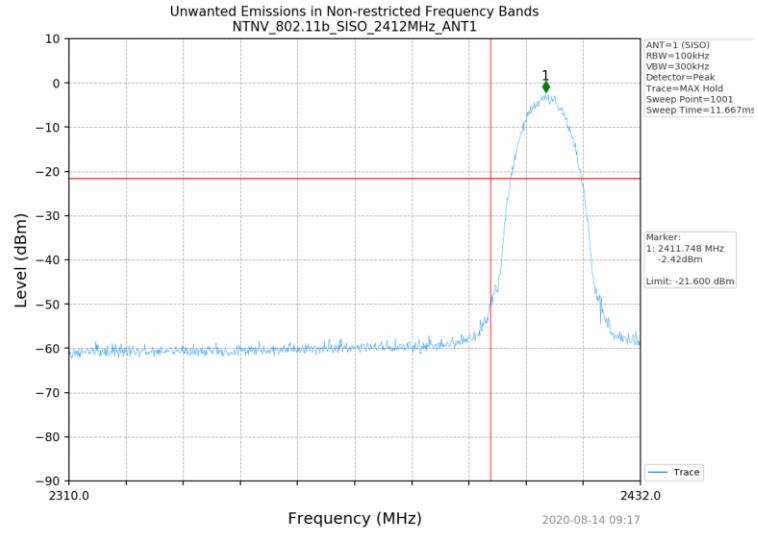
4. Unwanted Emissions in Non-restricted Frequency Bands

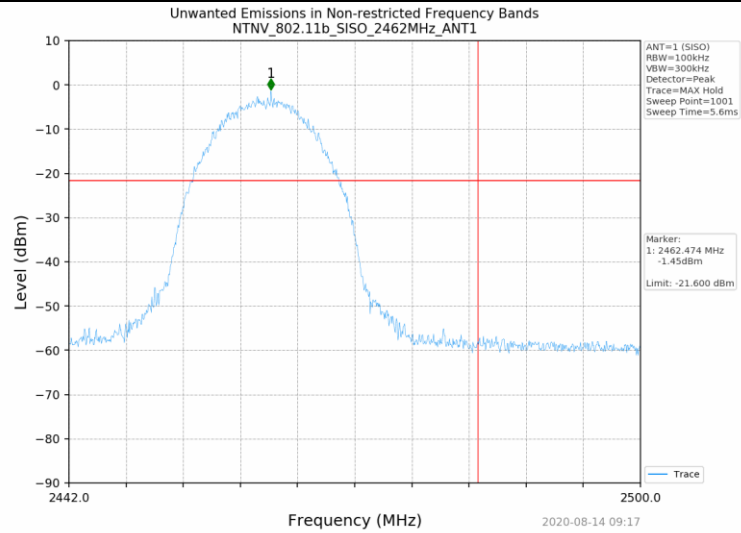
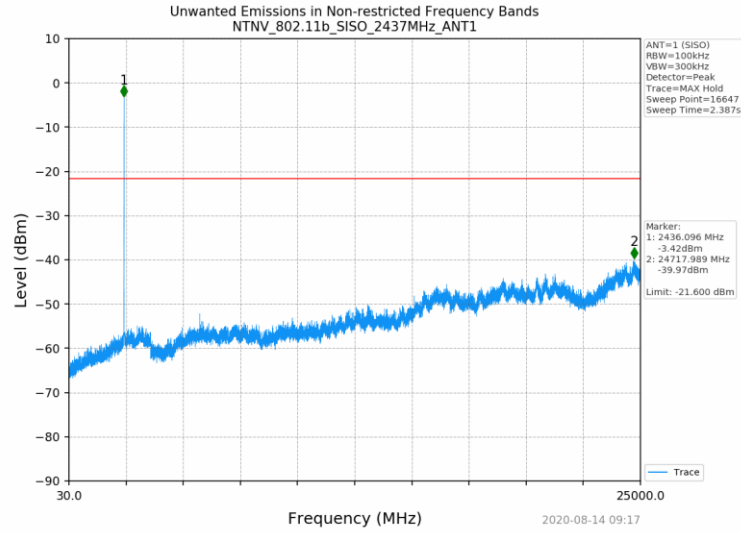
4.1 Test Result

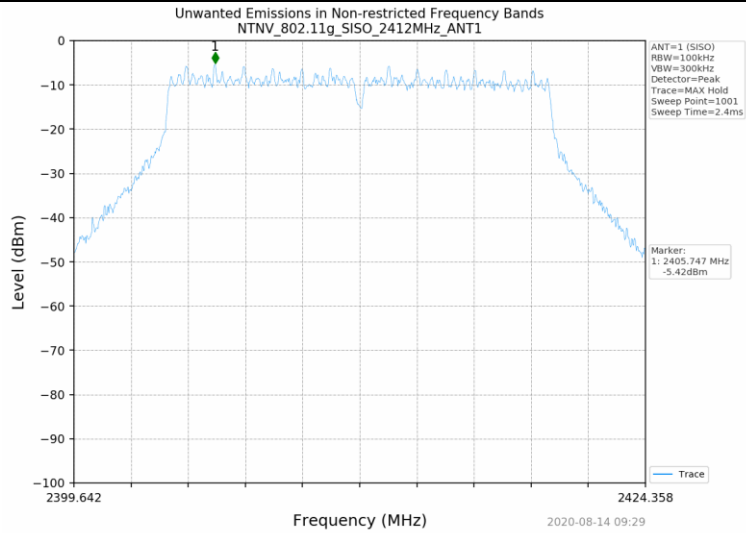
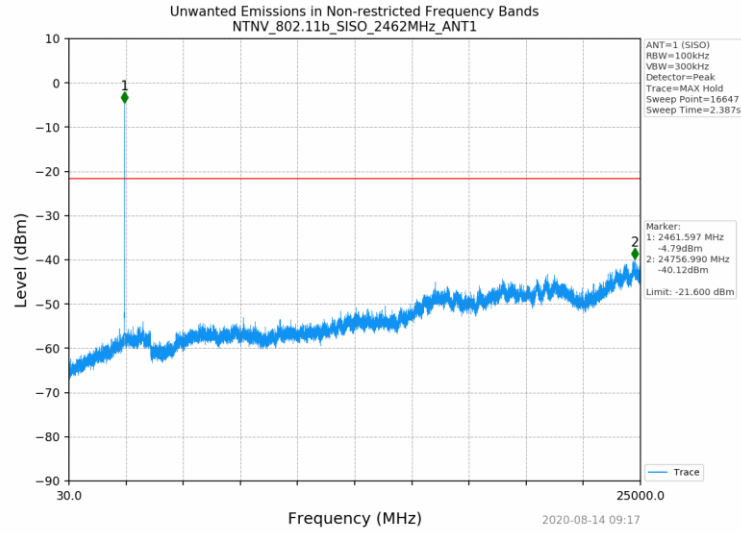
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	1	Refer to test graph	-21.60	PASS
	2437	SISO	1	Refer to test graph	-21.60	PASS
	2462	SISO	1	Refer to test graph	-21.60	PASS
802.11g	2412	SISO	1	Refer to test graph	-25.42	PASS
	2437	SISO	1	Refer to test graph	-25.42	PASS
	2462	SISO	1	Refer to test graph	-25.42	PASS
802.11n(HT20)	2412	SISO	1	Refer to test graph	-25.31	PASS
	2437	SISO	1	Refer to test graph	-25.31	PASS
	2462	SISO	1	Refer to test graph	-25.31	PASS
802.11n(HT40)	2422	SISO	1	Refer to test graph	-27.90	PASS
	2437	SISO	1	Refer to test graph	-27.90	PASS
	2452	SISO	1	Refer to test graph	-27.90	PASS

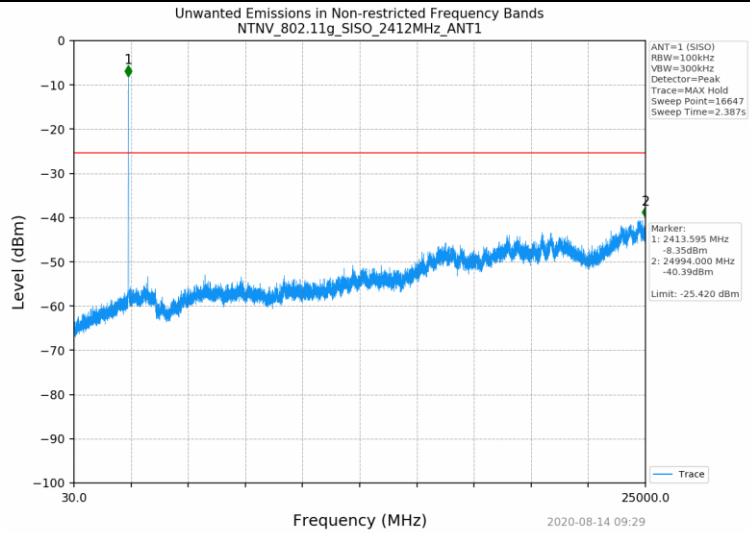
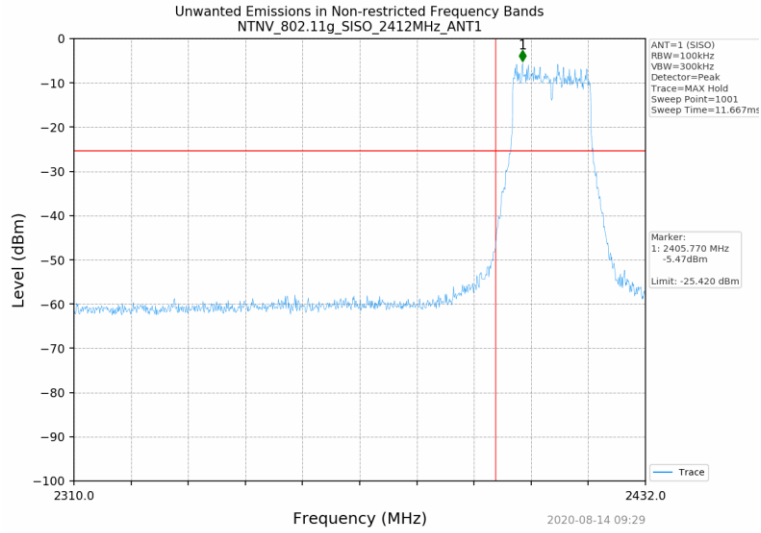
4.2 Test Graph

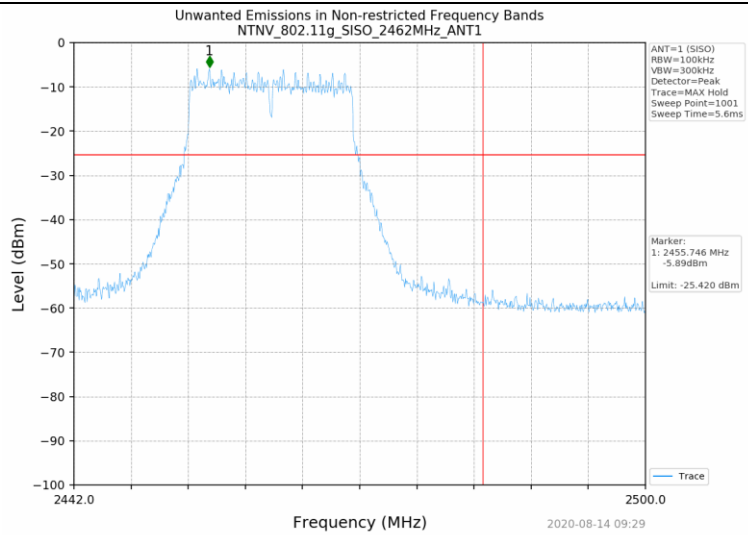
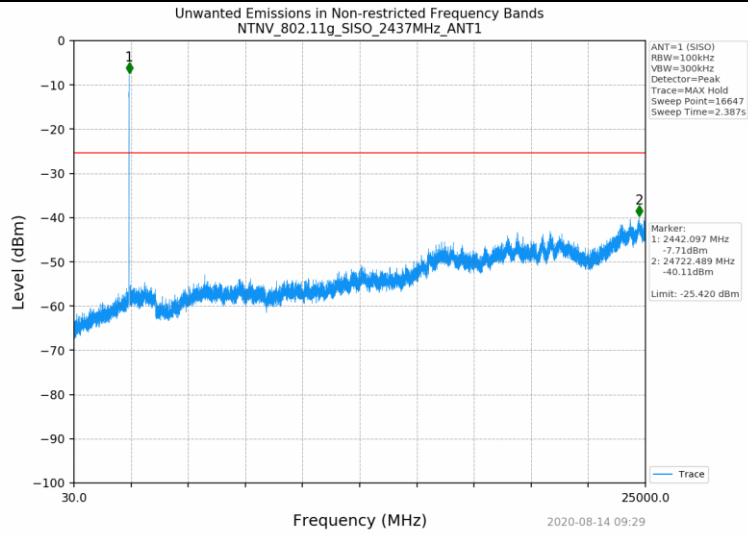


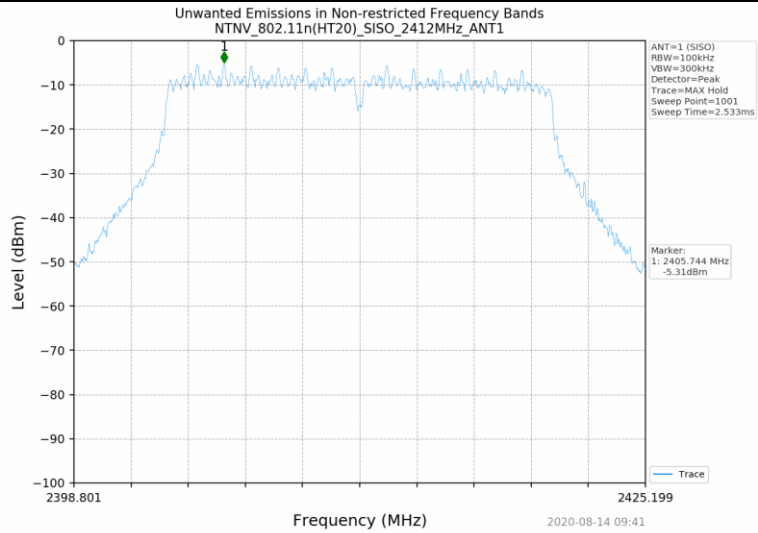
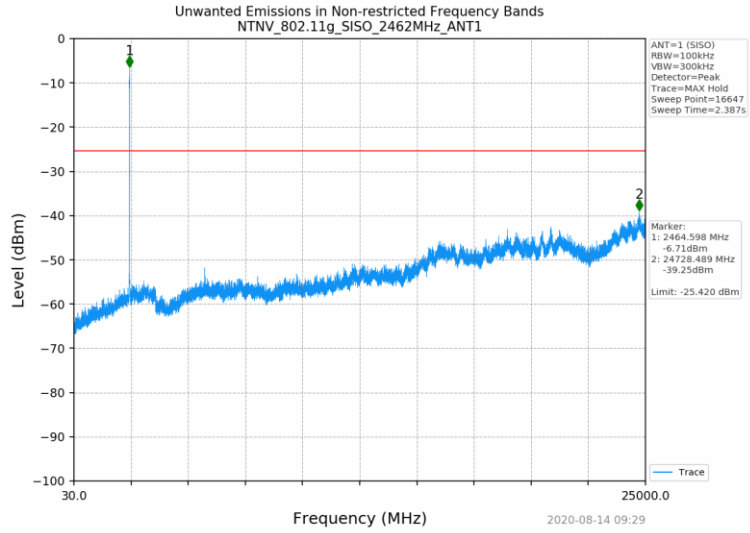


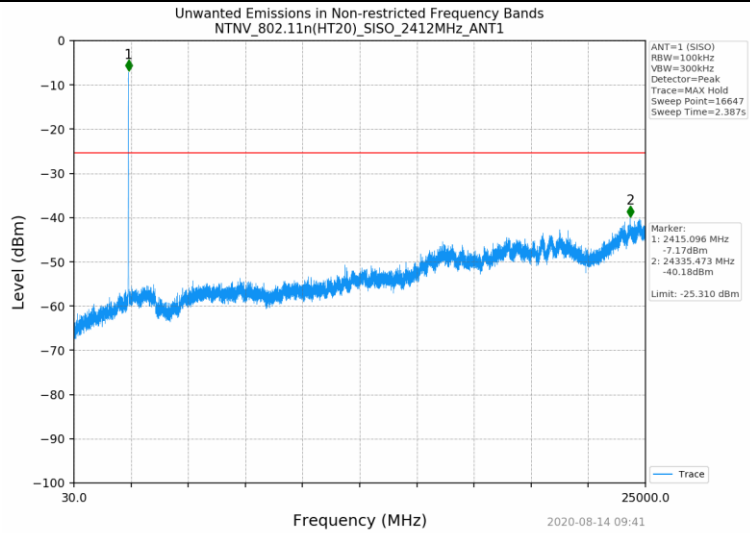
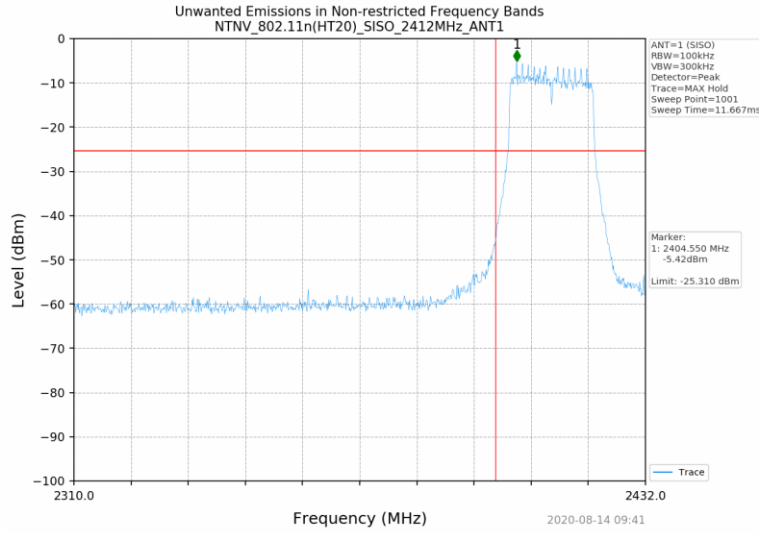


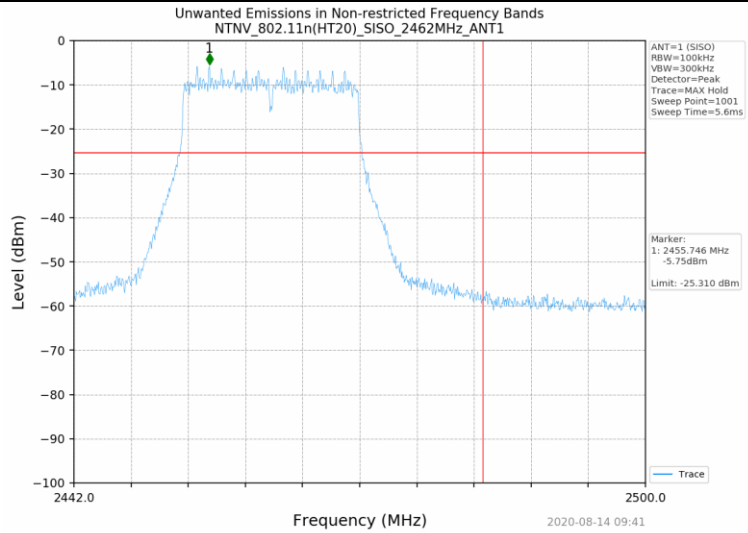
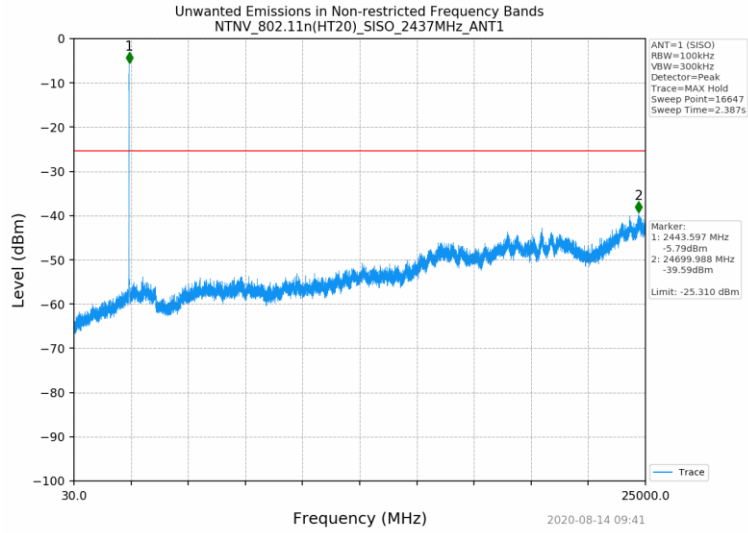


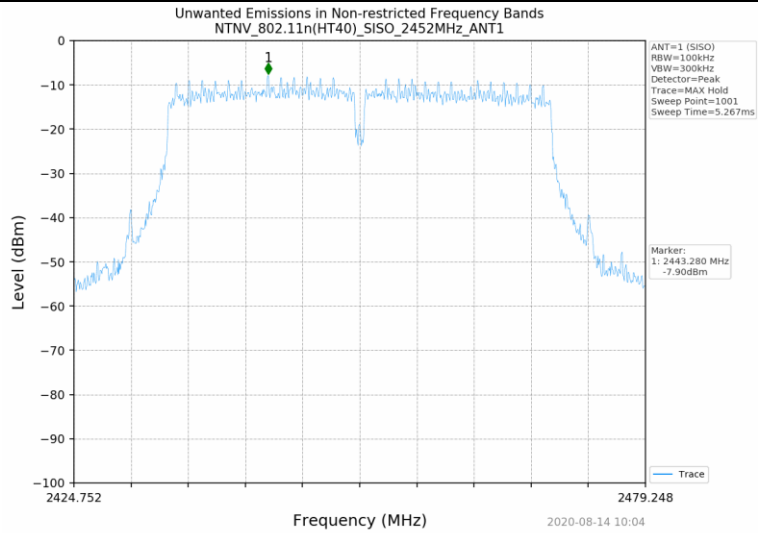
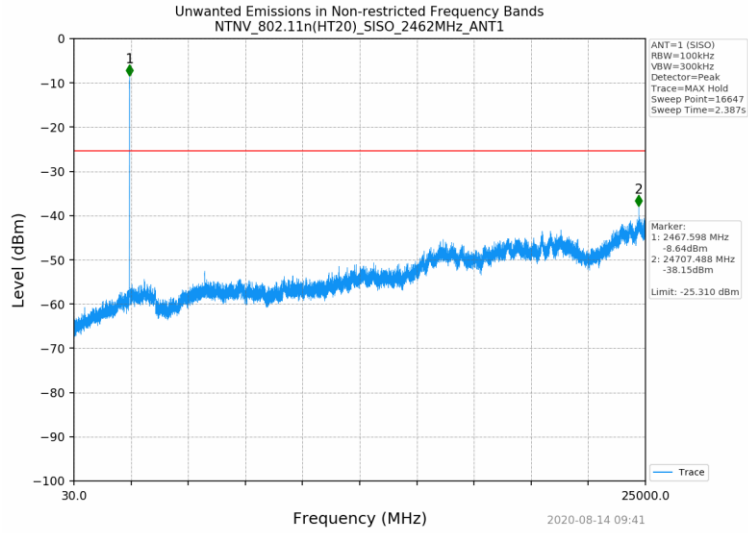


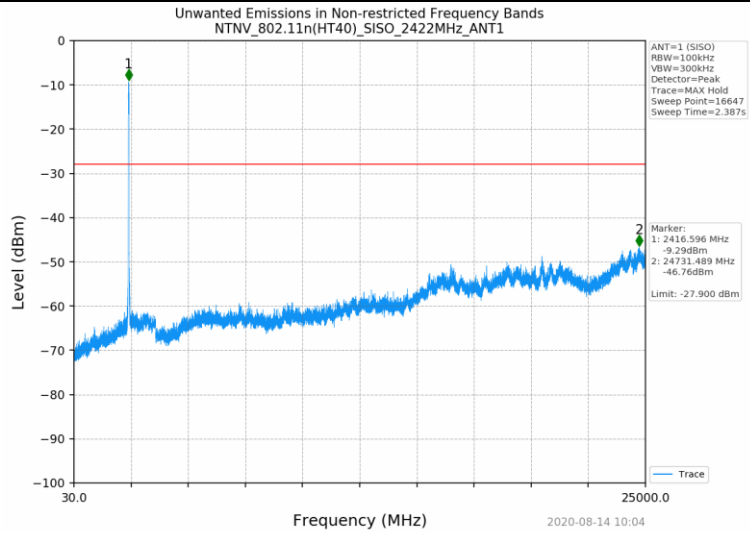
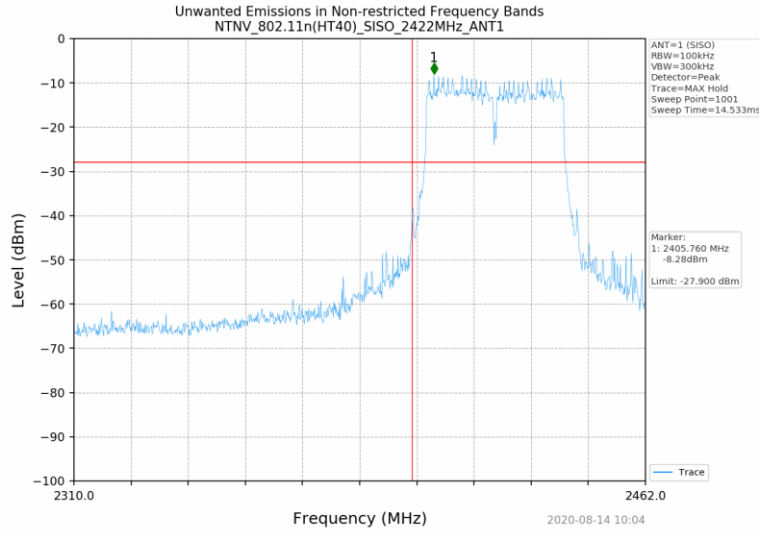


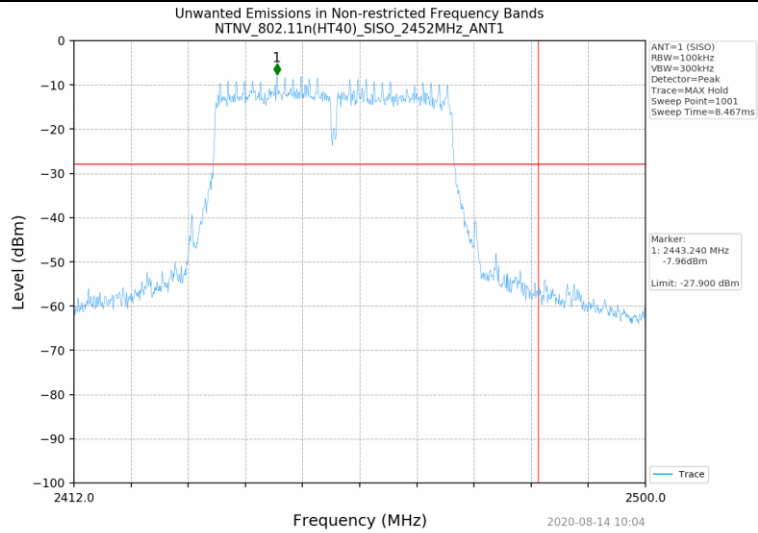
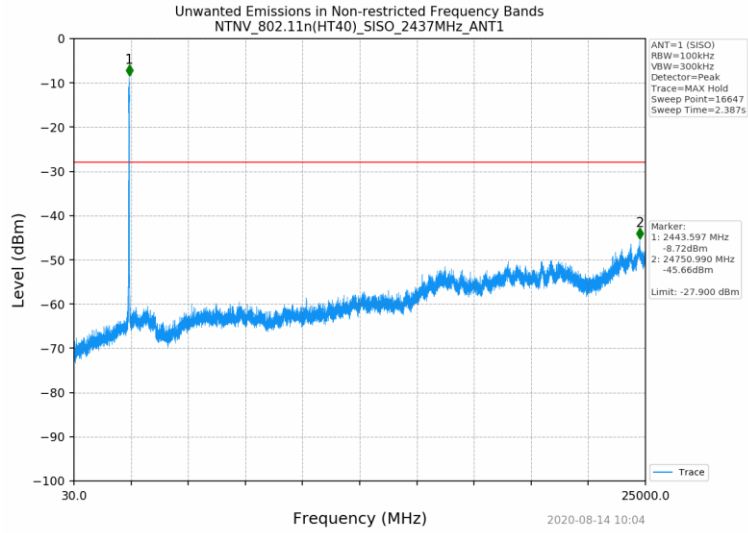












Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11n(HT40)_SISO_2452MHz_ANT1

