

Appendix for 15.247

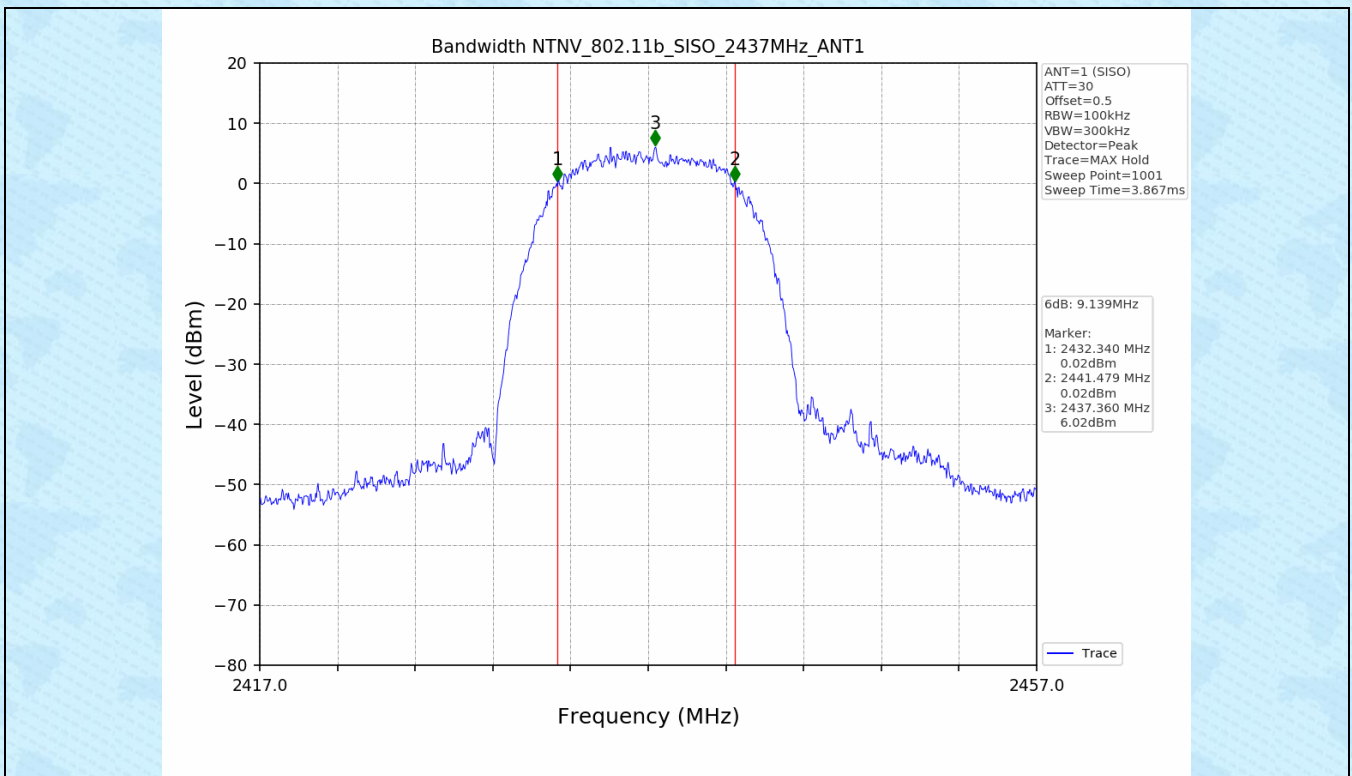
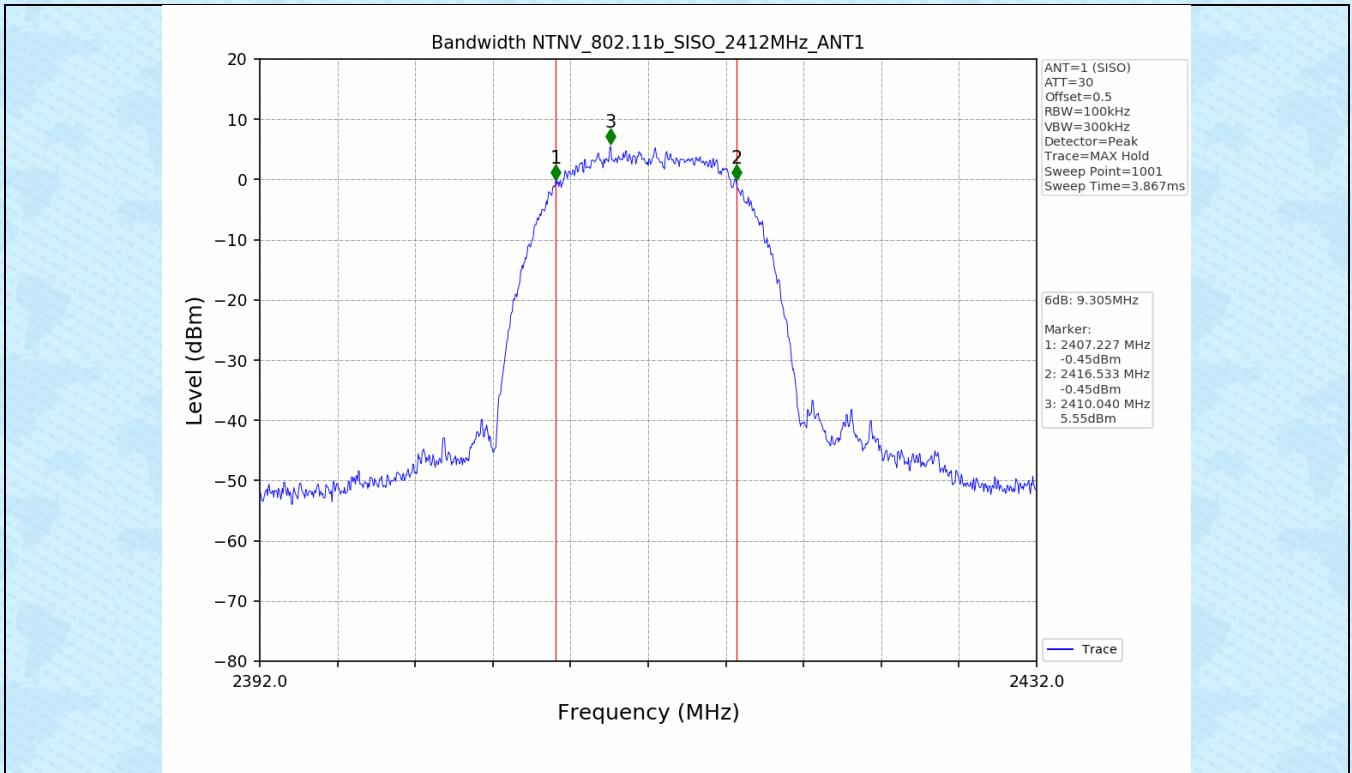
1. Bandwidth

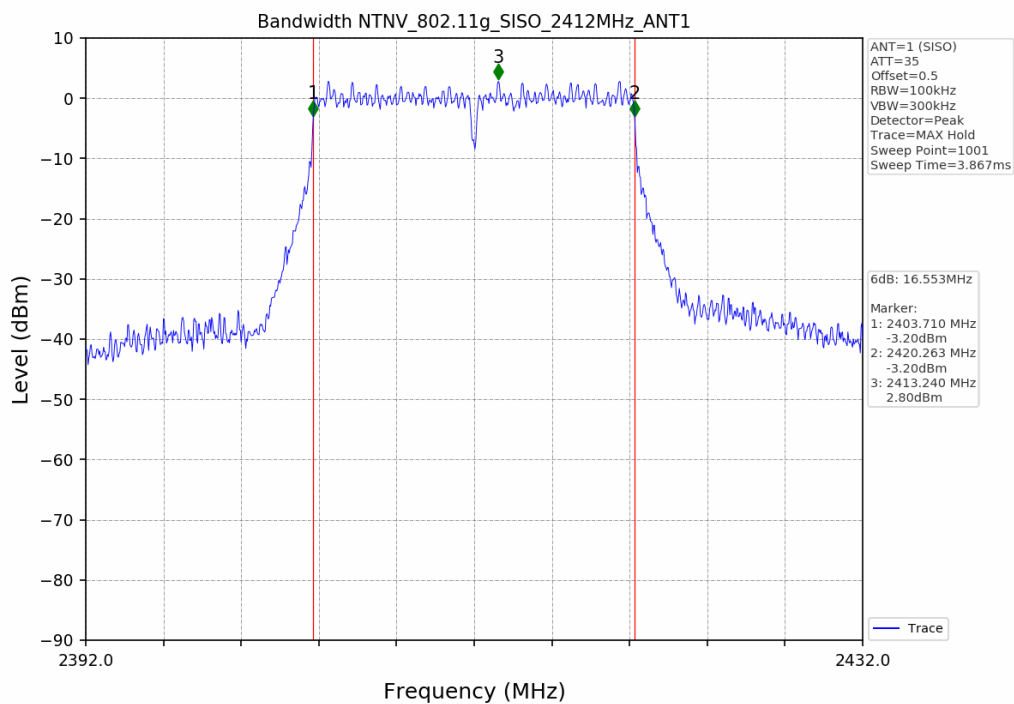
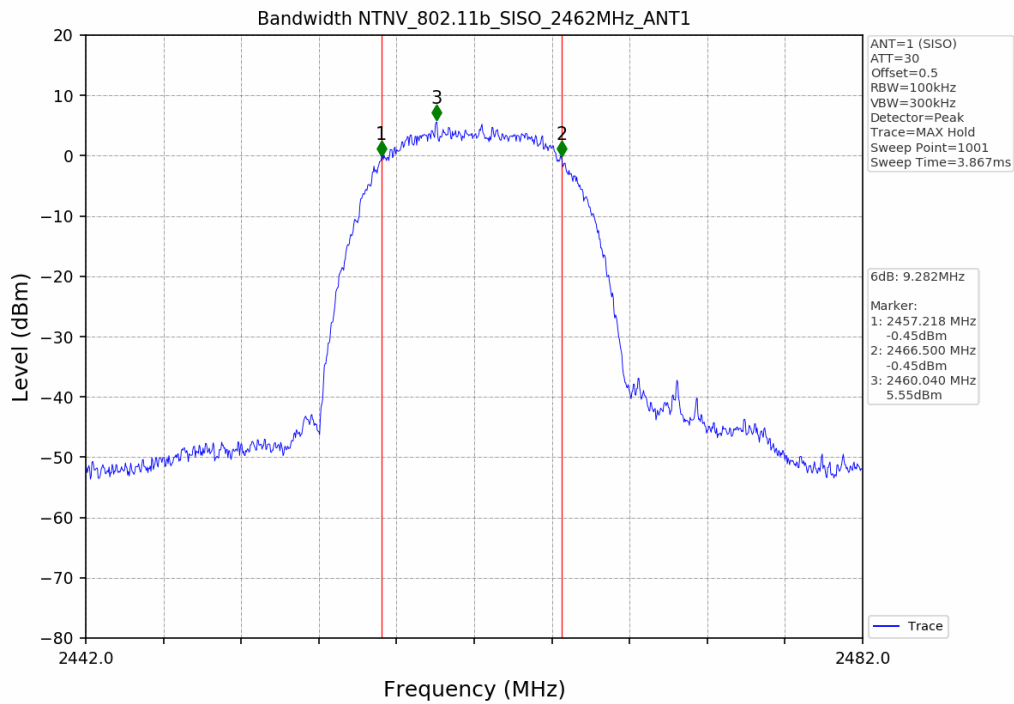
1.1 Test Result

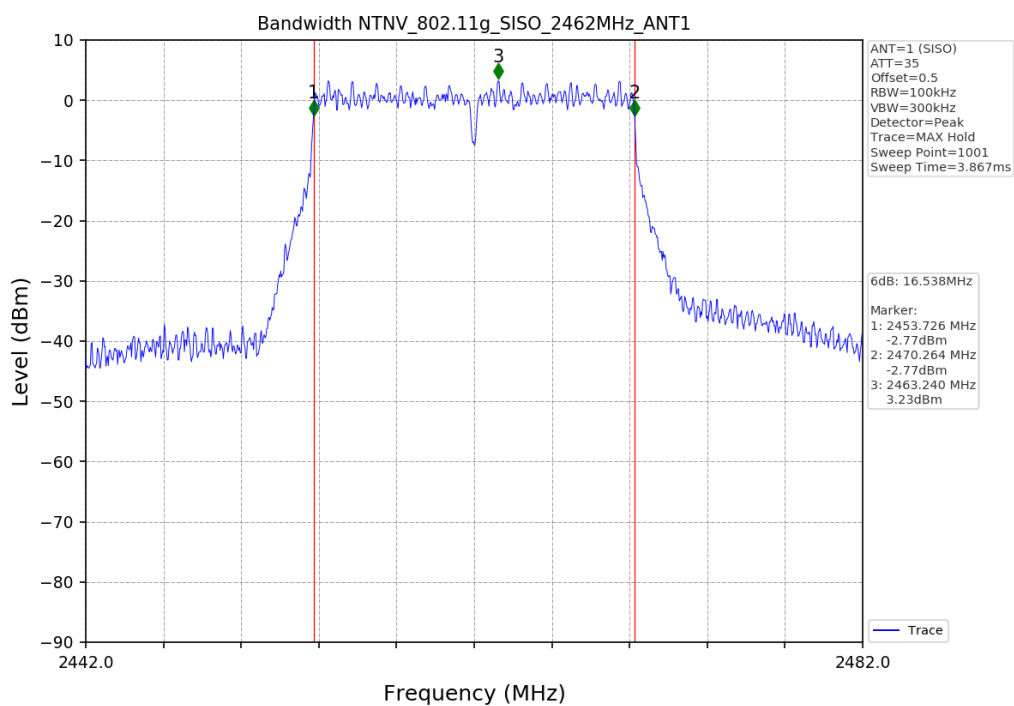
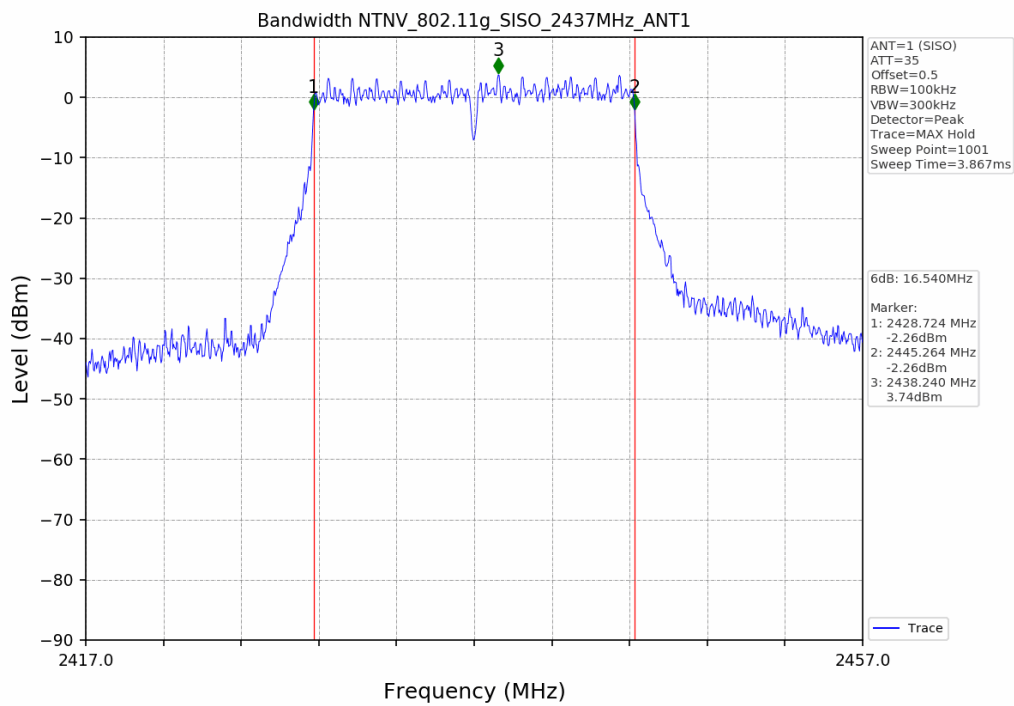
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11b	2412	SISO	1	9.305	≥0.5	PASS
	2437	SISO	1	9.139	≥0.5	PASS
	2462	SISO	1	9.282	≥0.5	PASS
802.11g	2412	SISO	1	16.553	≥0.5	PASS
	2437	SISO	1	16.540	≥0.5	PASS
	2462	SISO	1	16.538	≥0.5	PASS
802.11n(HT20)	2412	SISO	1	17.762	≥0.5	PASS
	2437	SISO	1	17.748	≥0.5	PASS
	2462	SISO	1	17.764	≥0.5	PASS
802.11n(HT40)	2422	SISO	1	36.406	≥0.5	PASS
	2437	SISO	1	36.048	≥0.5	PASS
	2452	SISO	1	36.355	≥0.5	PASS

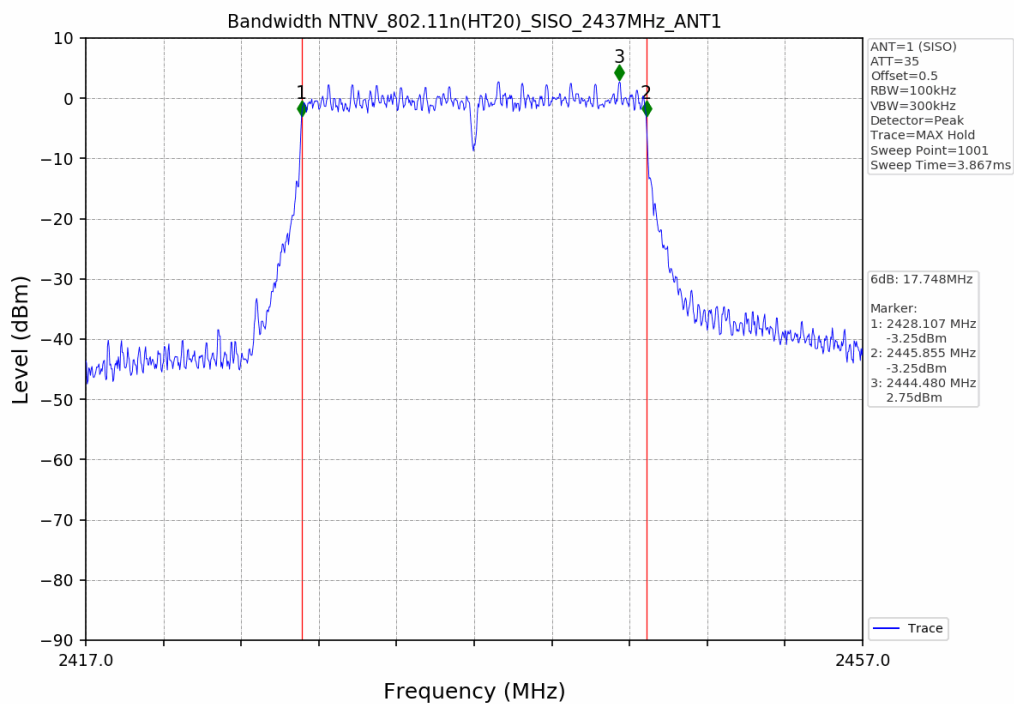
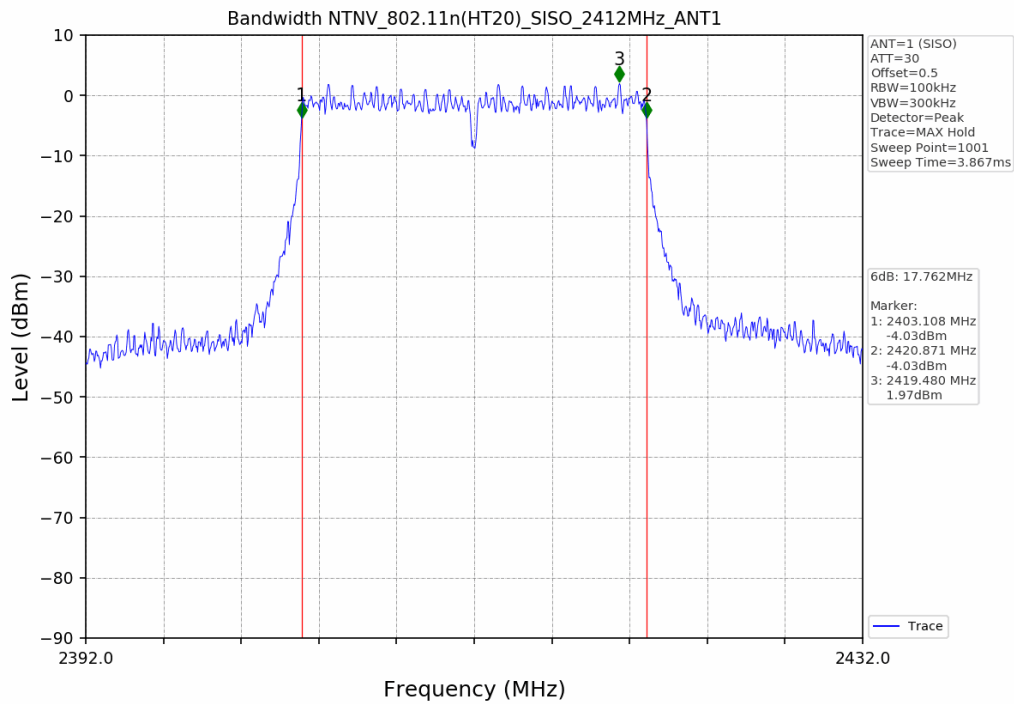
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	11.406	Only for Report Use
	2437	SISO	1	11.379	Only for Report Use
	2462	SISO	1	11.420	Only for Report Use
802.11g	2412	SISO	1	16.670	Only for Report Use
	2437	SISO	1	16.613	Only for Report Use
	2462	SISO	1	16.652	Only for Report Use
802.11n(HT20)	2412	SISO	1	17.772	Only for Report Use
	2437	SISO	1	17.747	Only for Report Use
	2462	SISO	1	17.761	Only for Report Use
802.11n(HT40)	2422	SISO	1	36.290	Only for Report Use
	2437	SISO	1	36.134	Only for Report Use
	2452	SISO	1	36.266	Only for Report Use

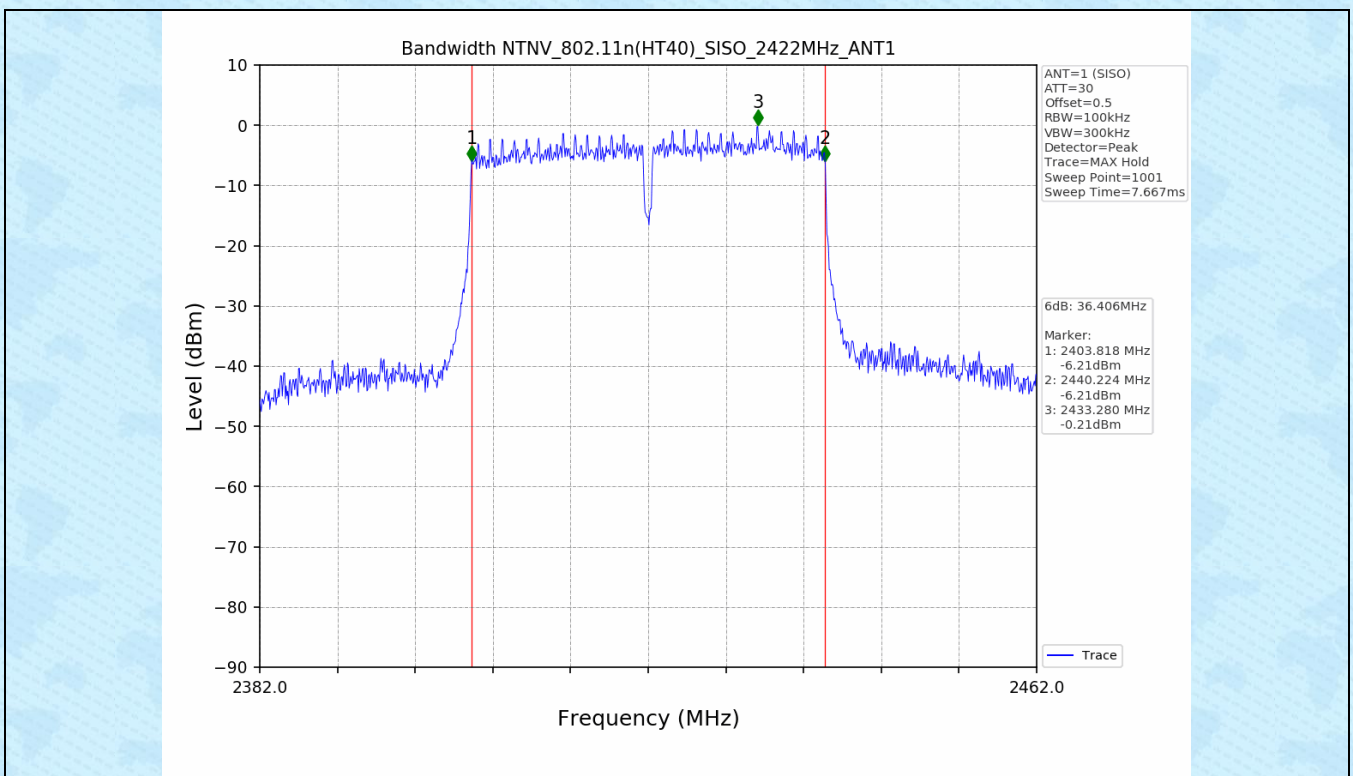
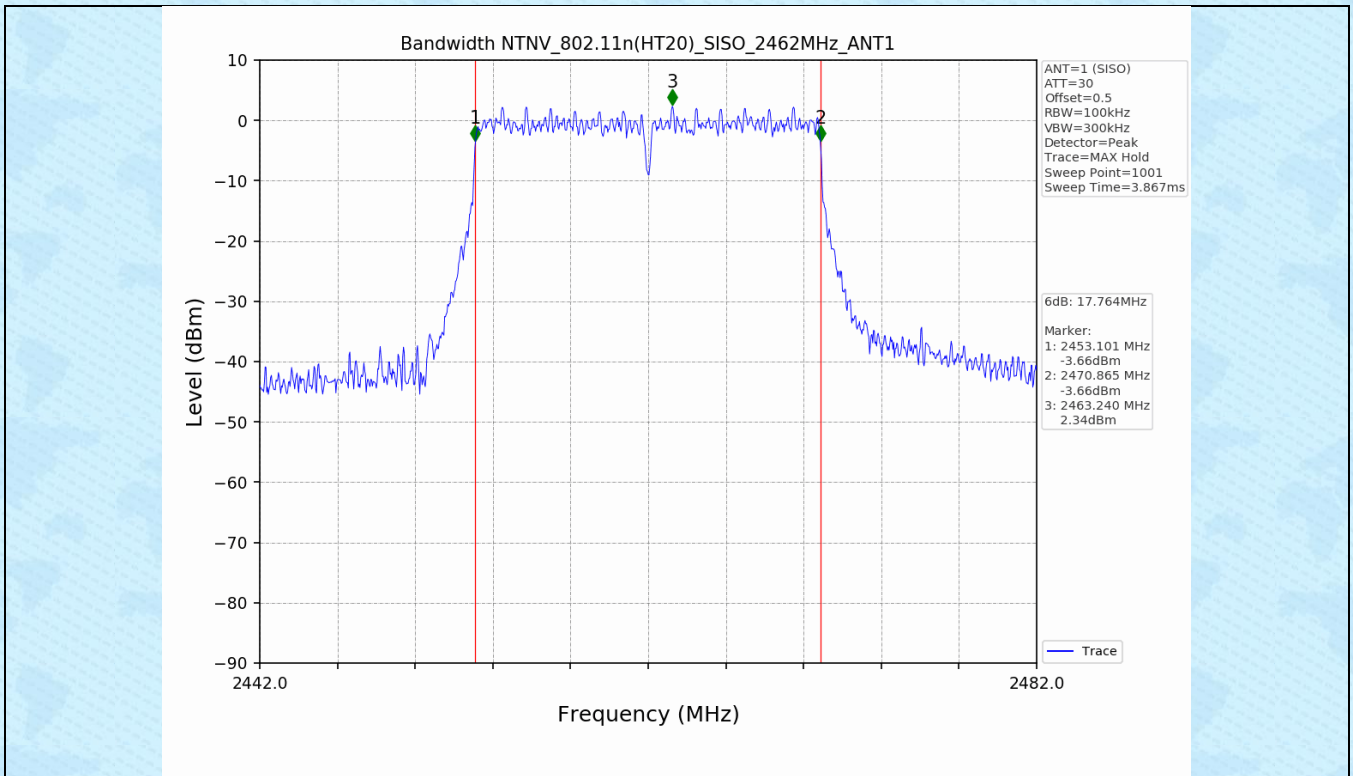
1.2 Test Graph - 6dB Bandwidth

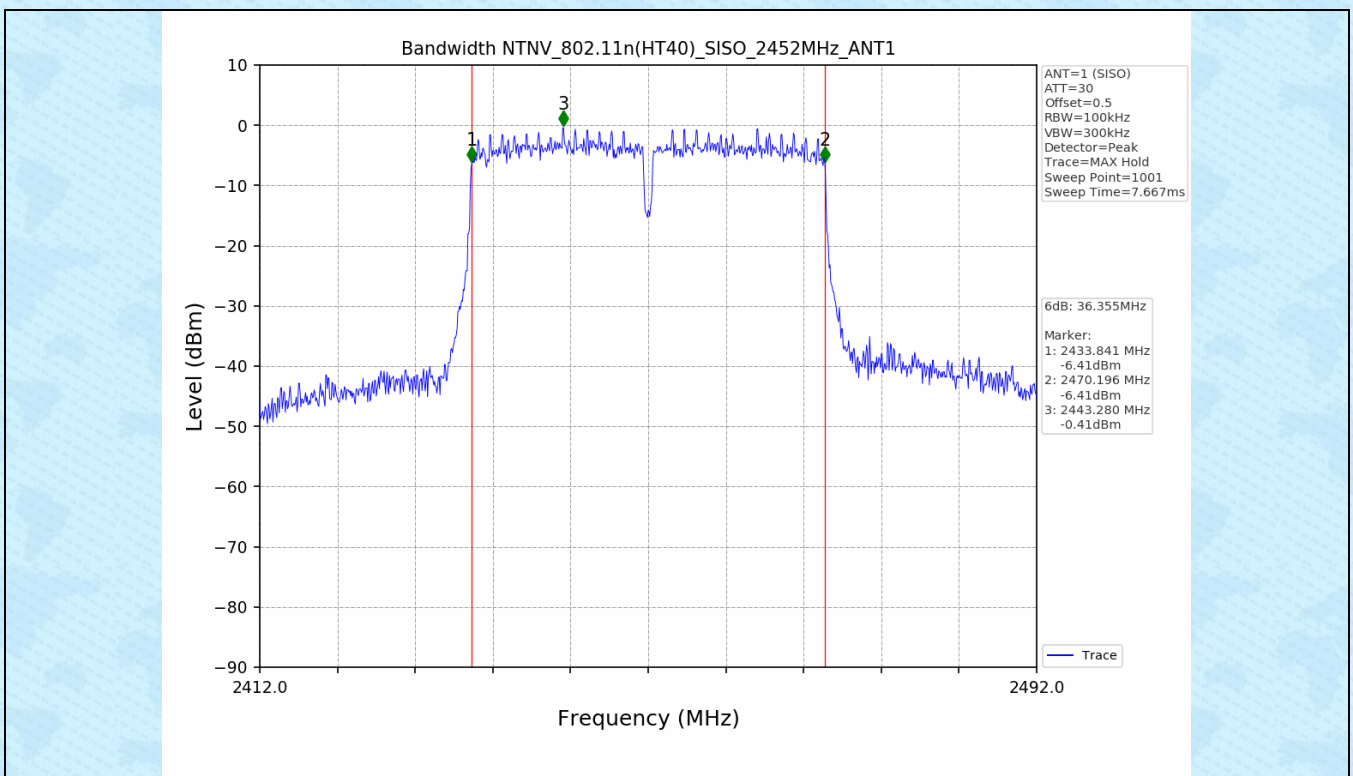
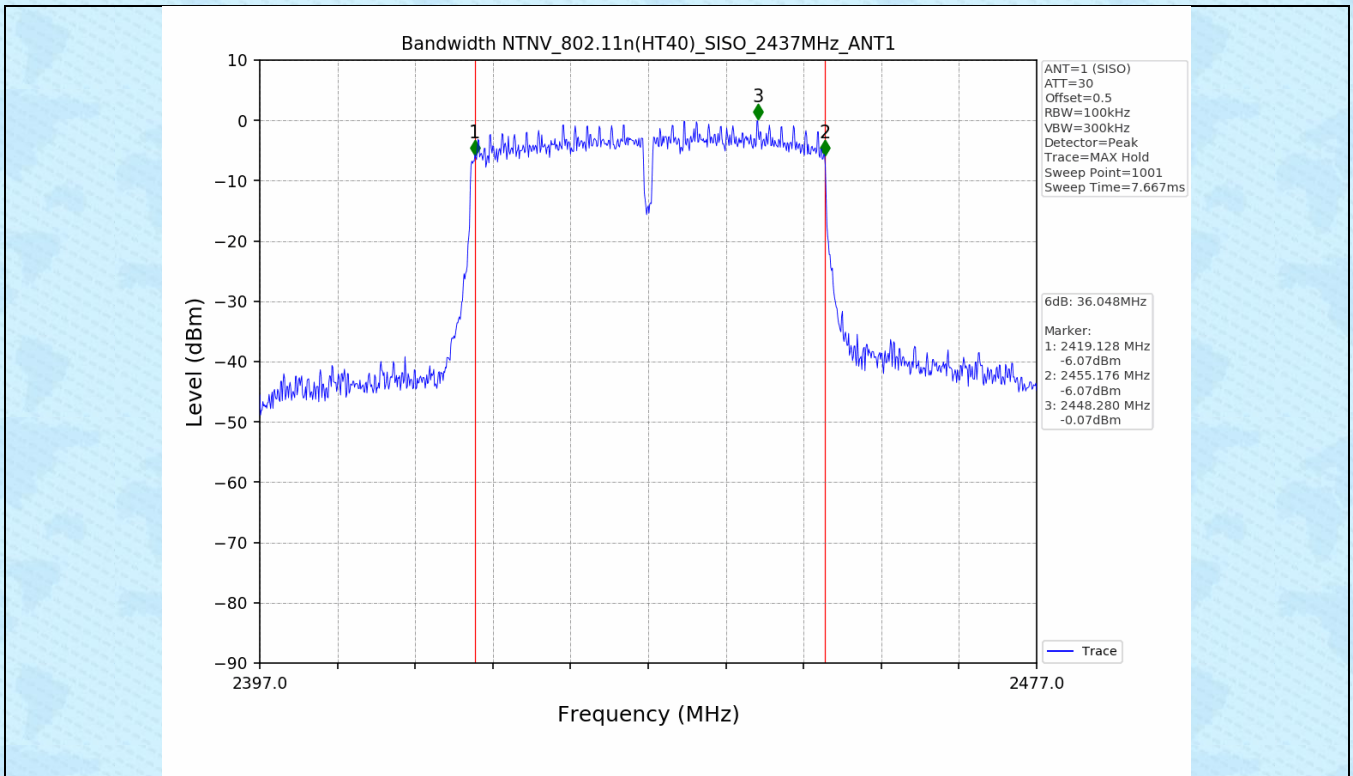




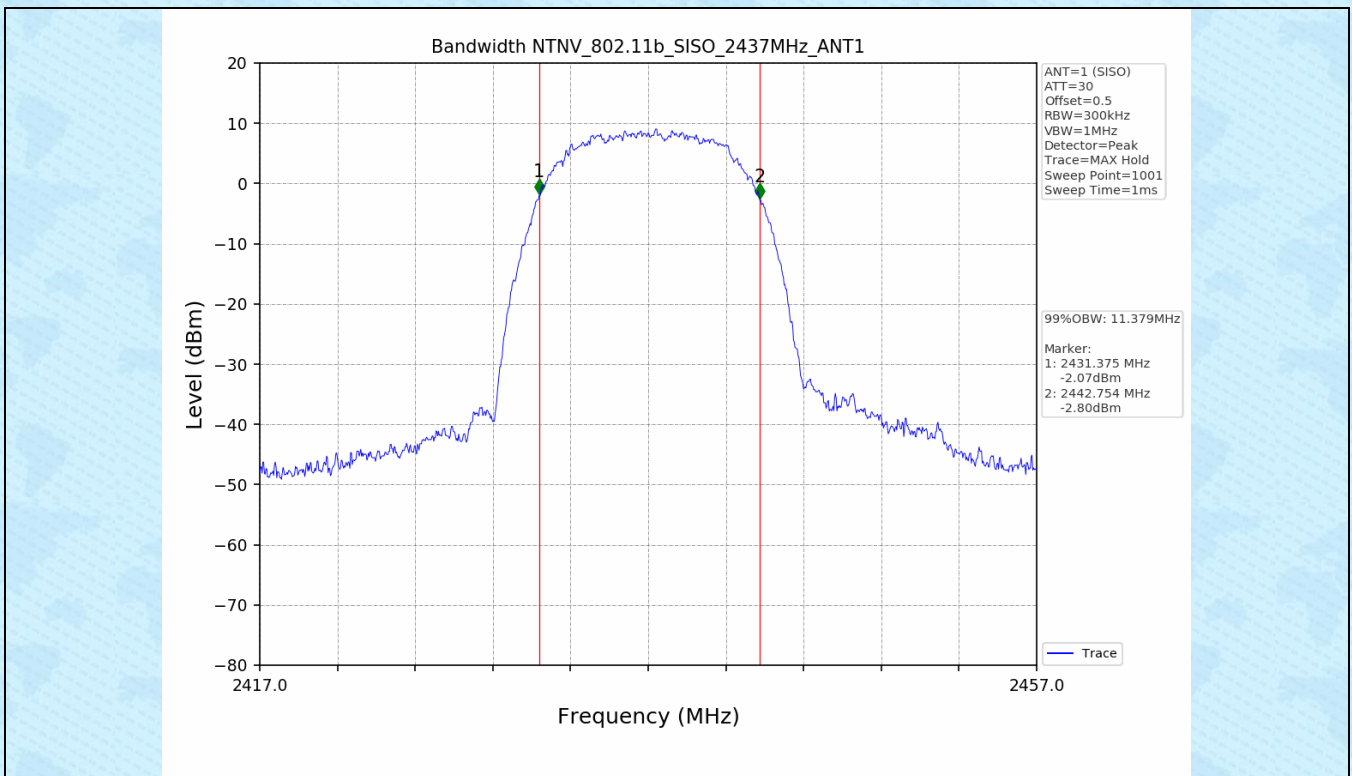
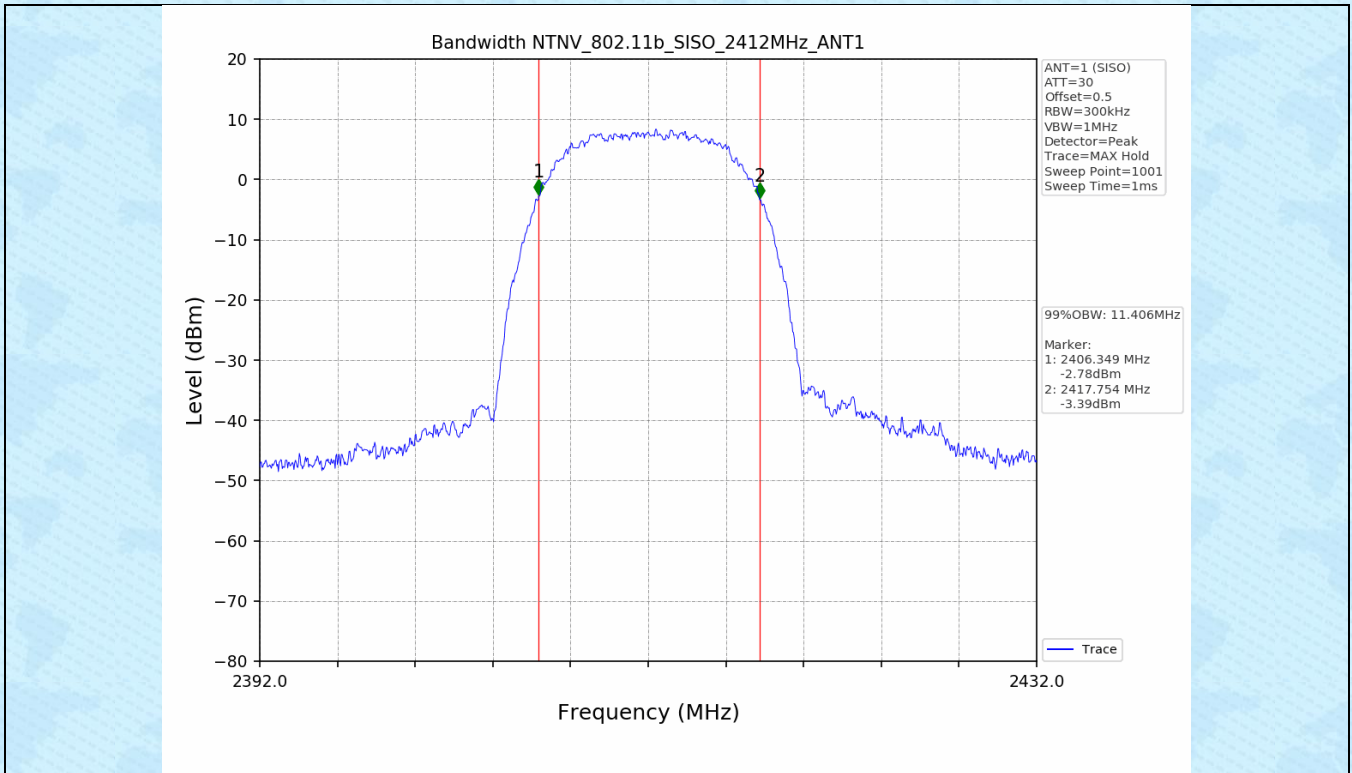


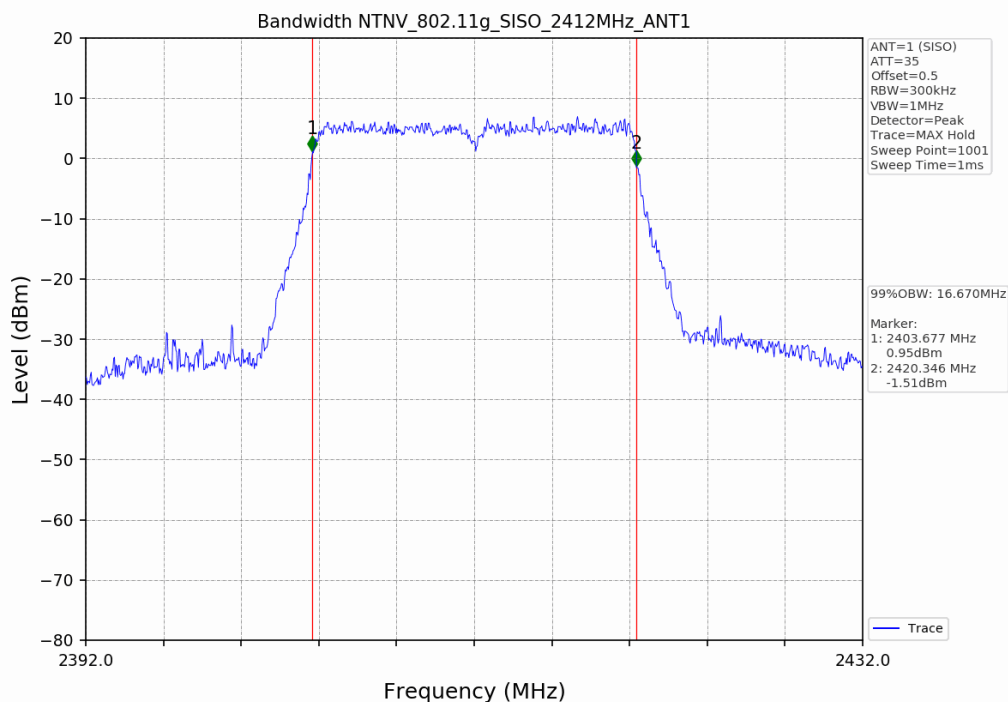
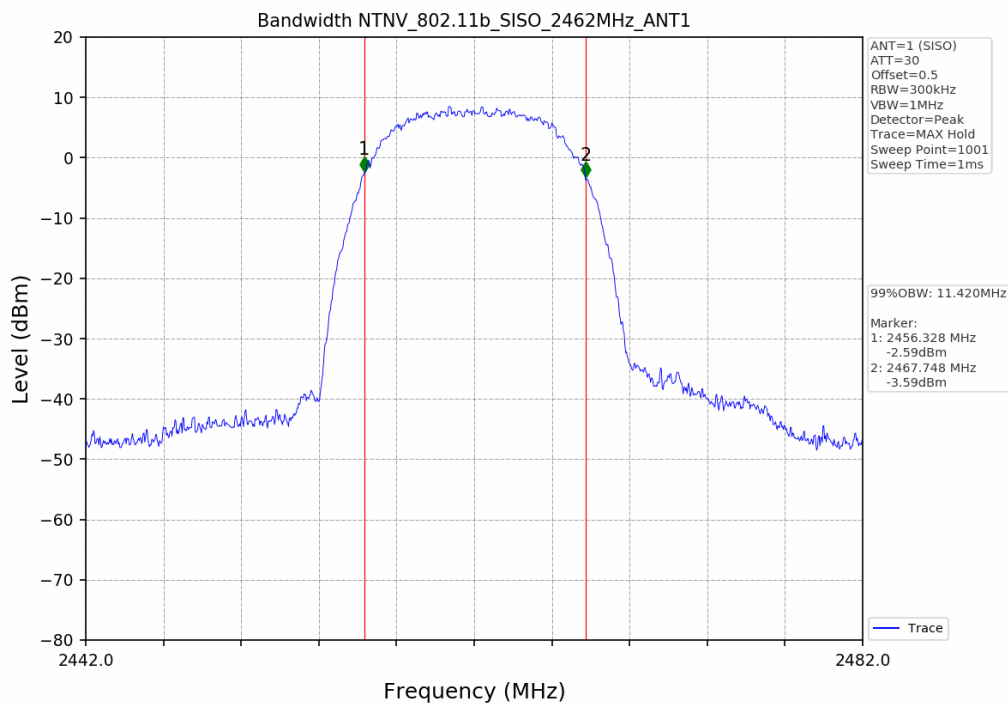


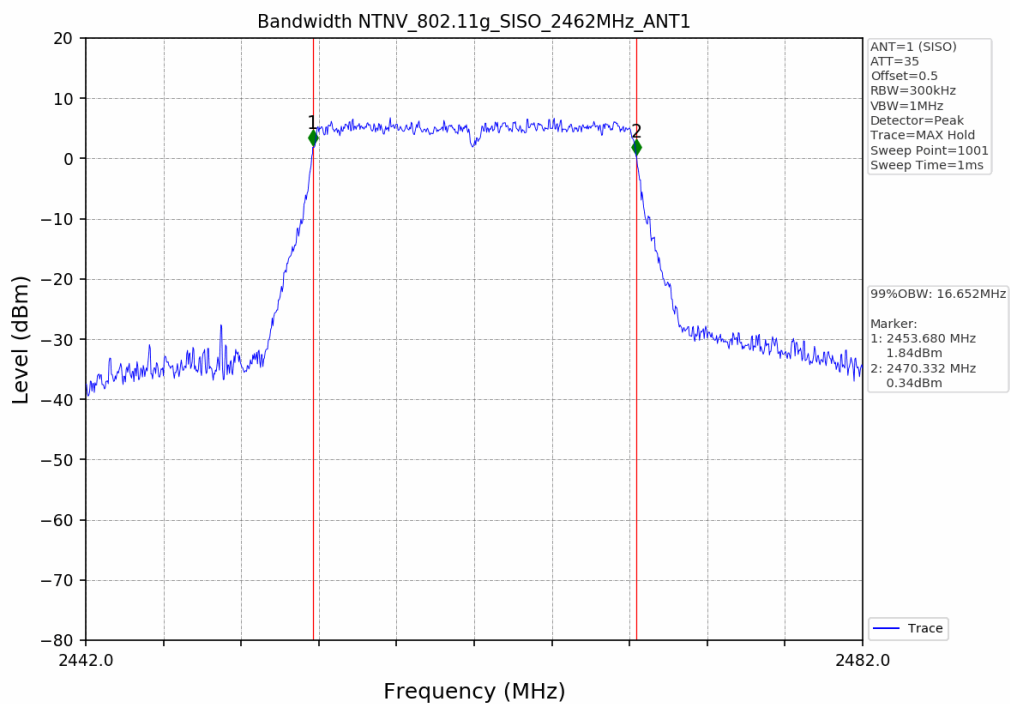
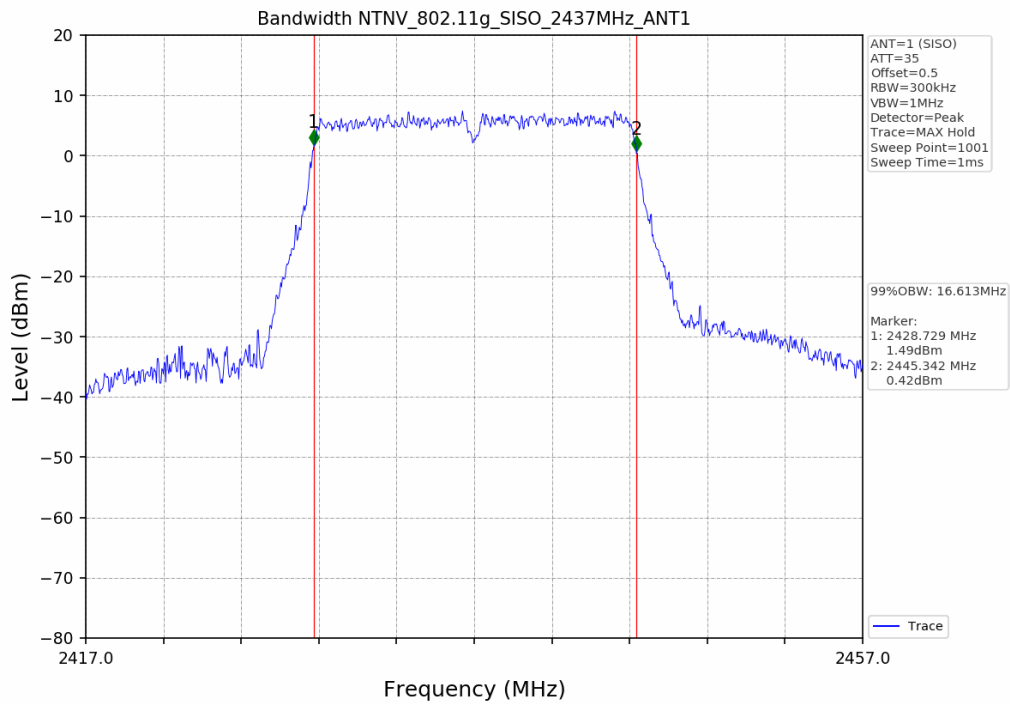


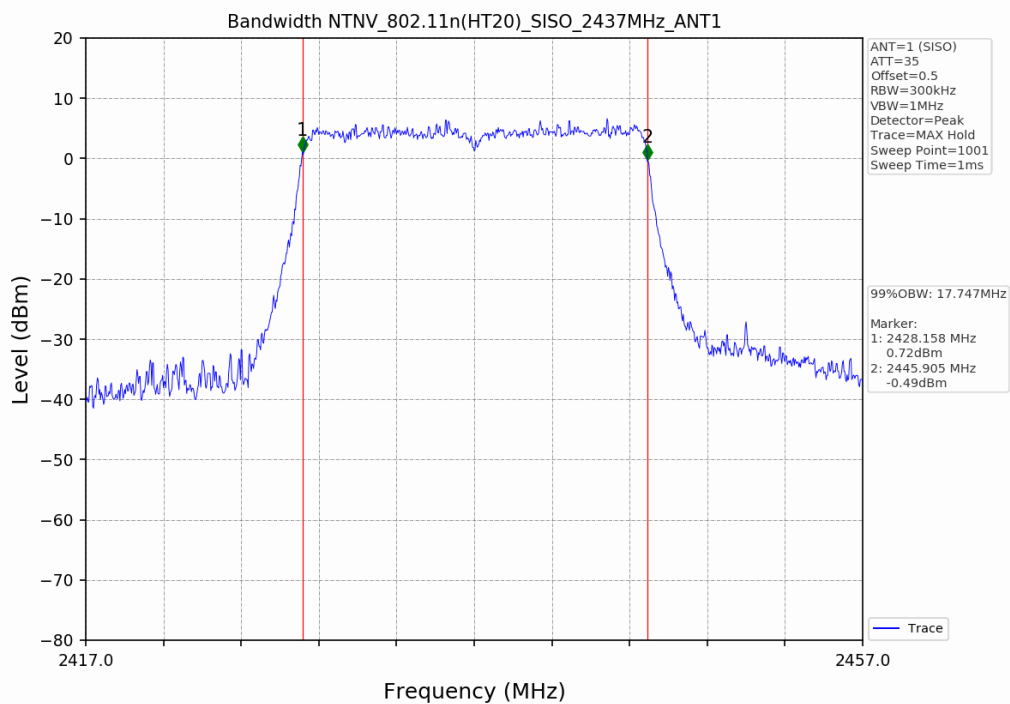
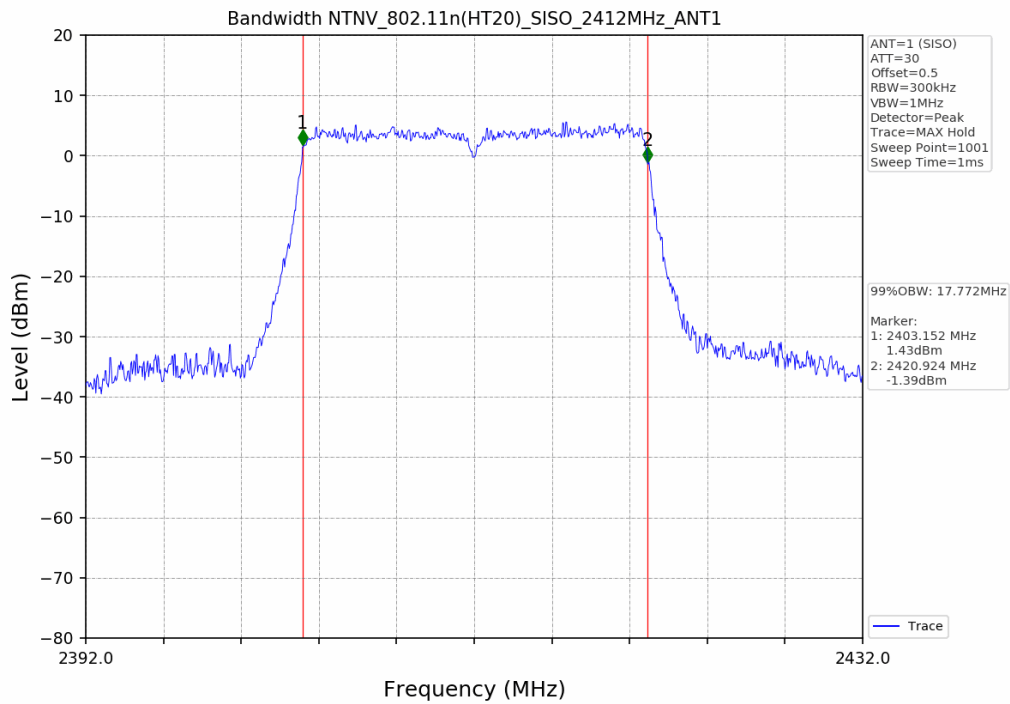


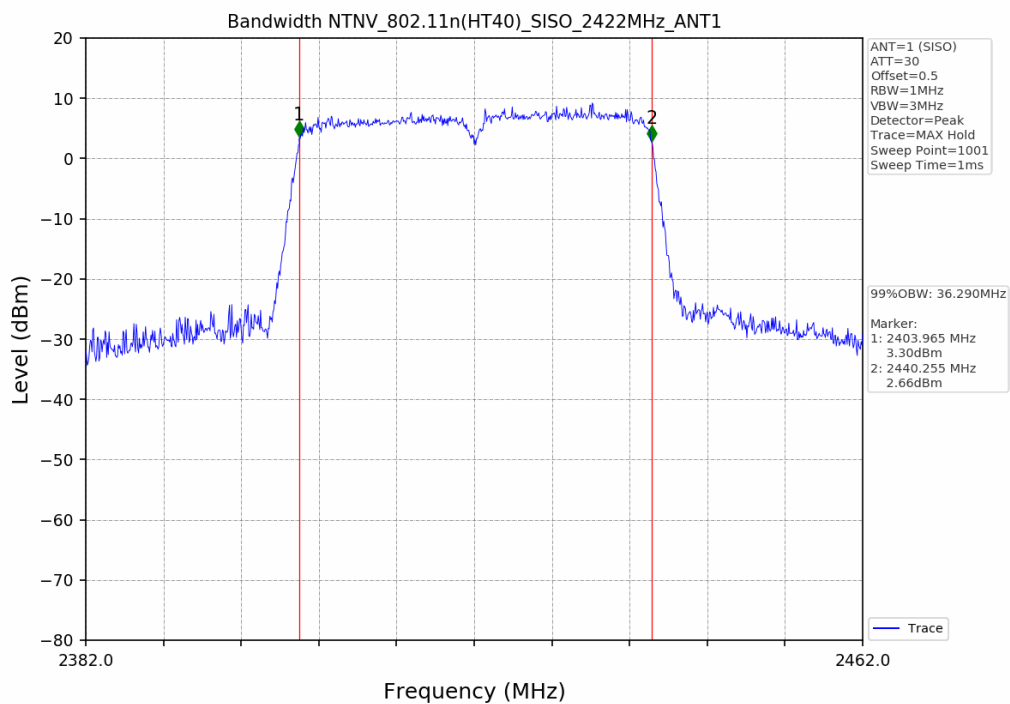
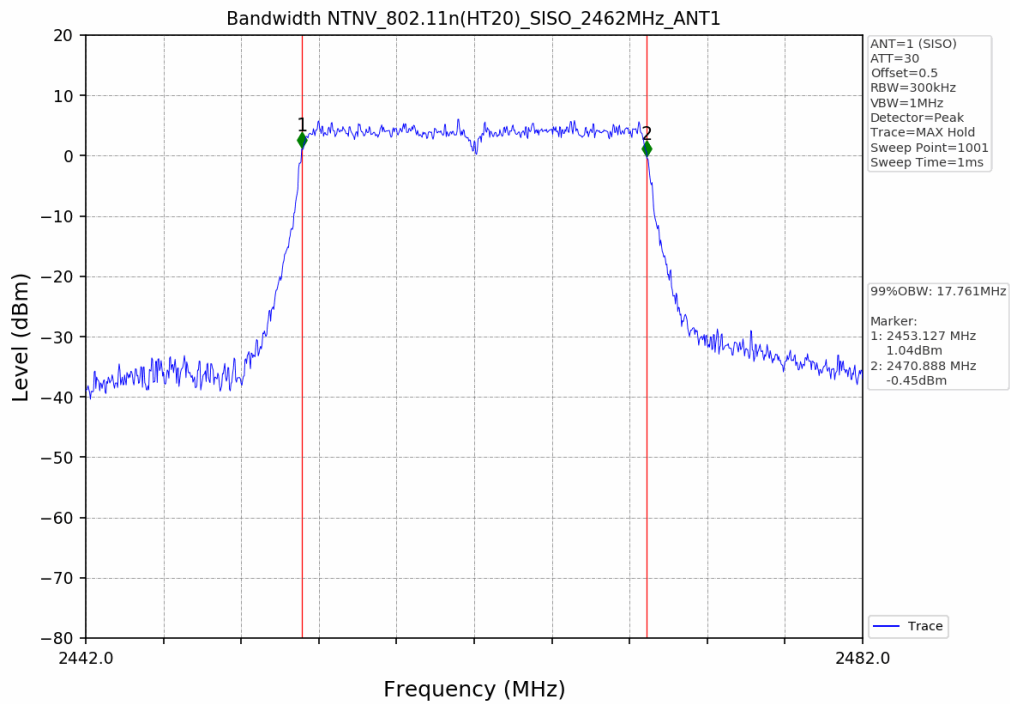
1.3 Test Graph - 99% Occupied Bandwidth

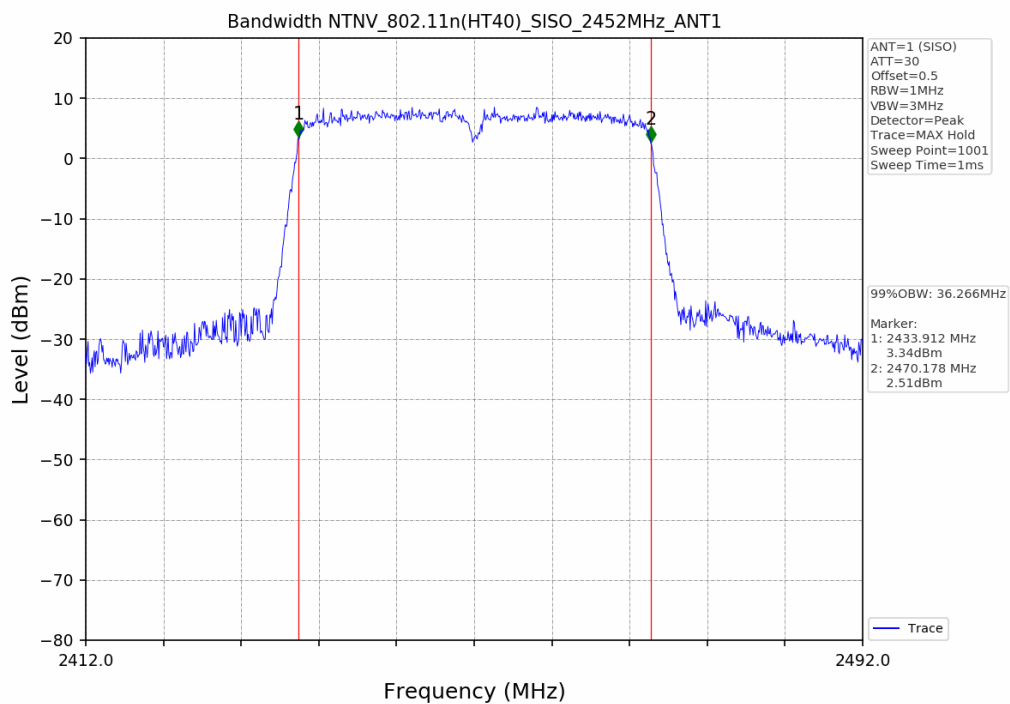
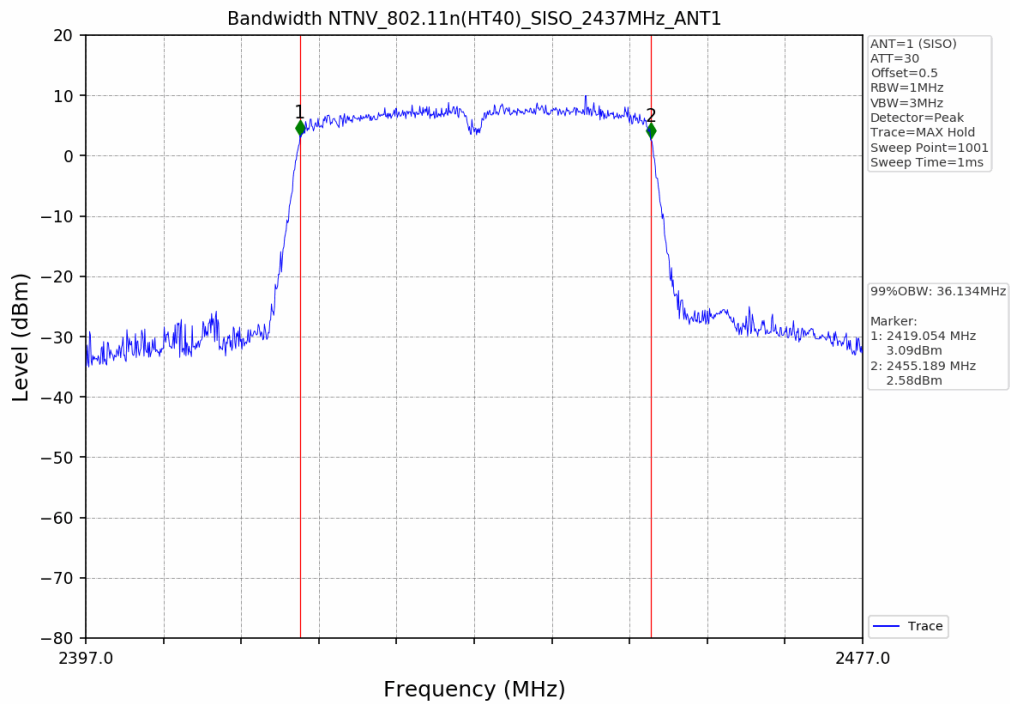












2. Maximum Conducted Output Power

2.1 Test Result

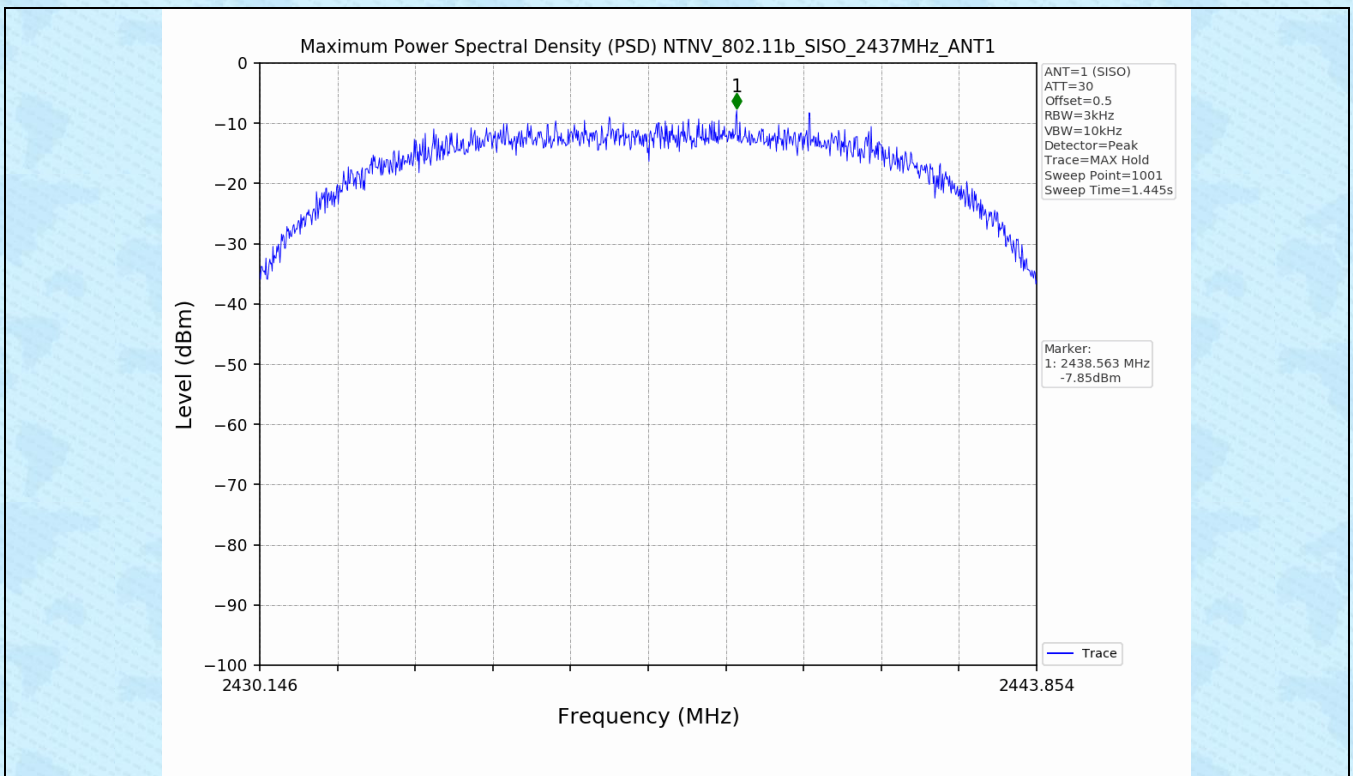
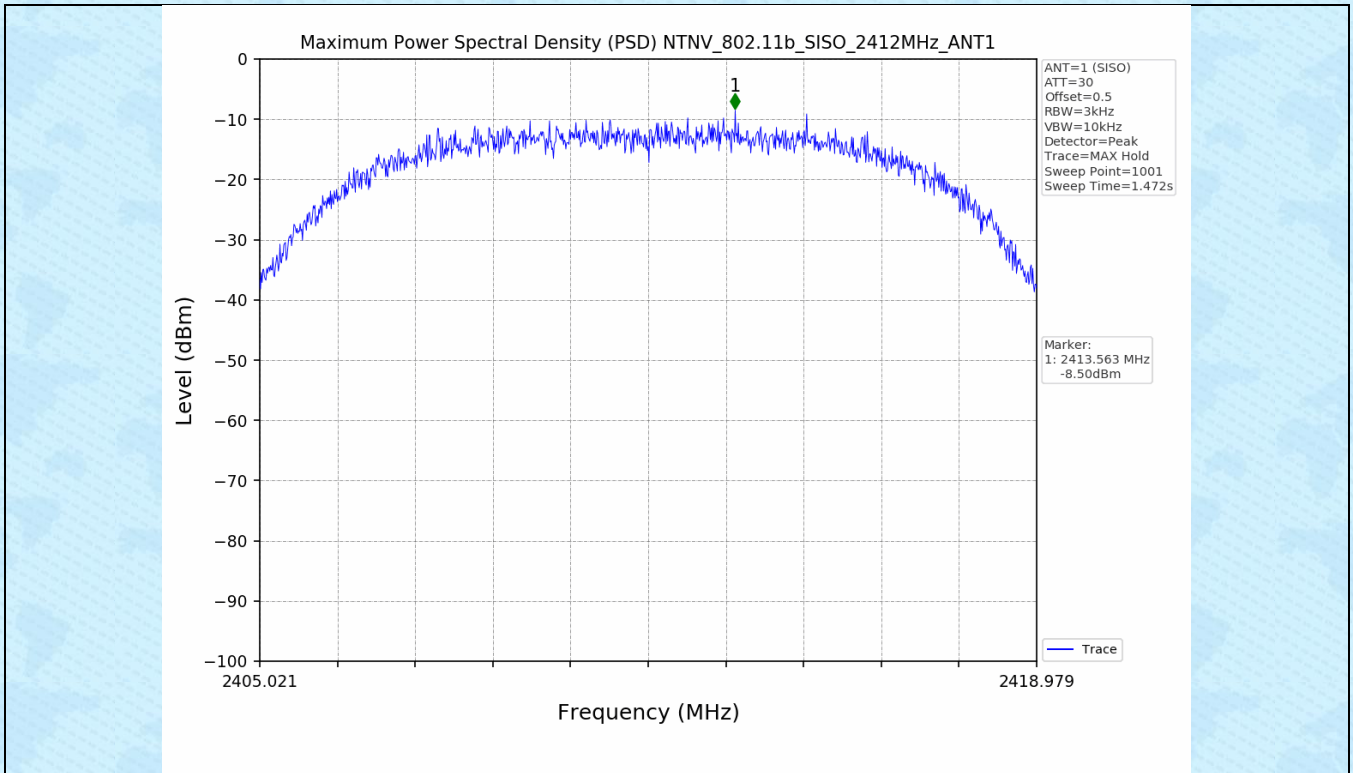
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	EIRP(dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	20.09	30	22.79	36	PASS
	2437	SISO	20.71	30	23.41	36	PASS
	2462	SISO	20.14	30	22.84	36	PASS
802.11g	2412	SISO	22.37	30	25.07	36	PASS
	2437	SISO	22.14	30	24.84	36	PASS
	2462	SISO	22.69	30	25.39	36	PASS
802.11n(HT20)	2412	SISO	21.42	30	24.12	36	PASS
	2437	SISO	22.15	30	24.85	36	PASS
	2462	SISO	21.83	30	24.53	36	PASS
802.11n(HT40)	2422	SISO	21.49	30	24.19	36	PASS
	2437	SISO	21.90	30	24.60	36	PASS
	2452	SISO	21.76	30	24.46	36	PASS

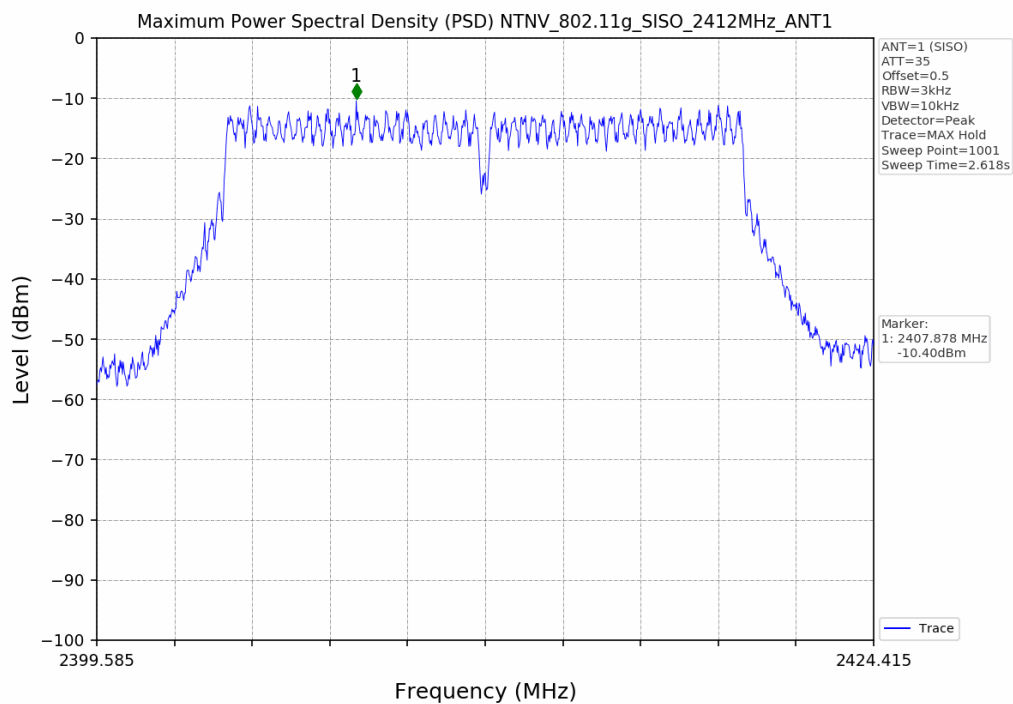
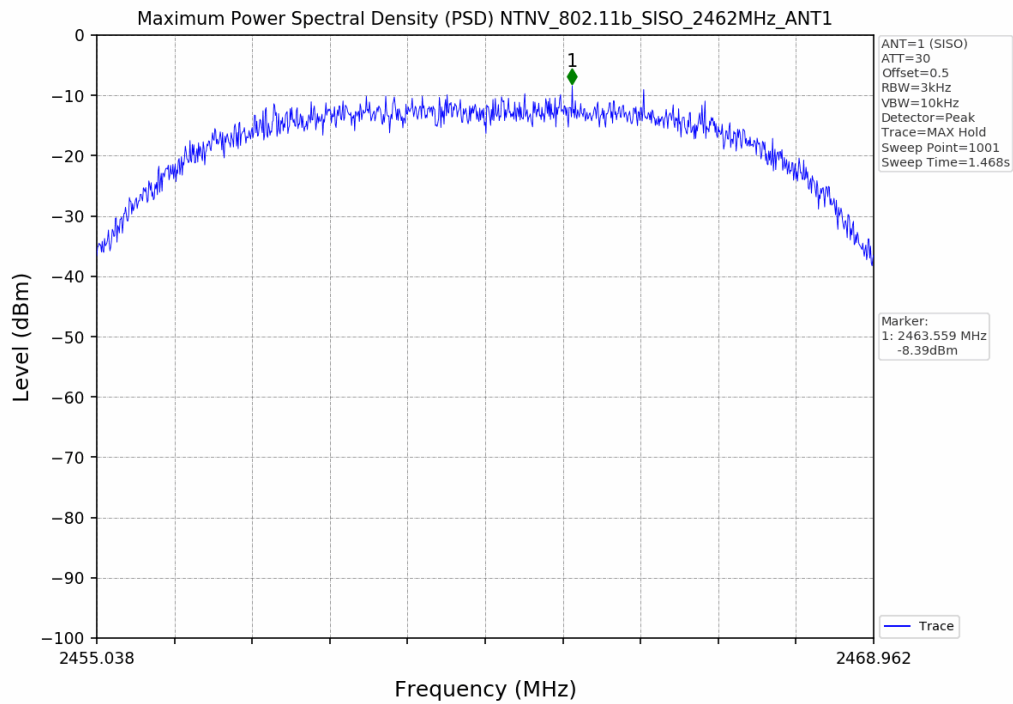
3. Maximum Power Spectral Density (PSD)

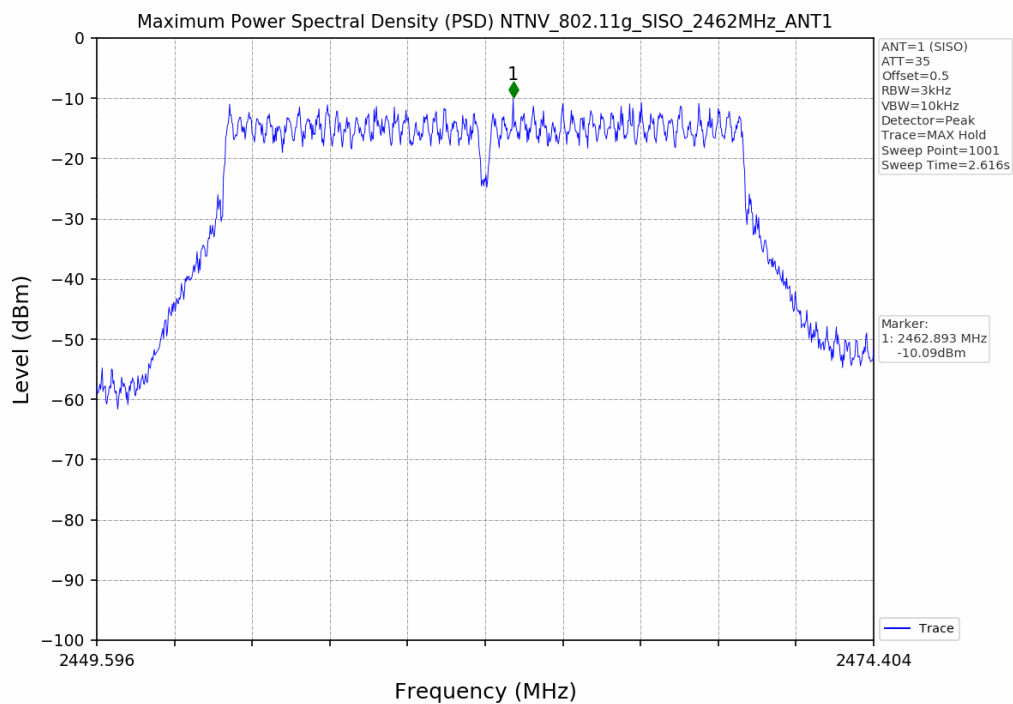
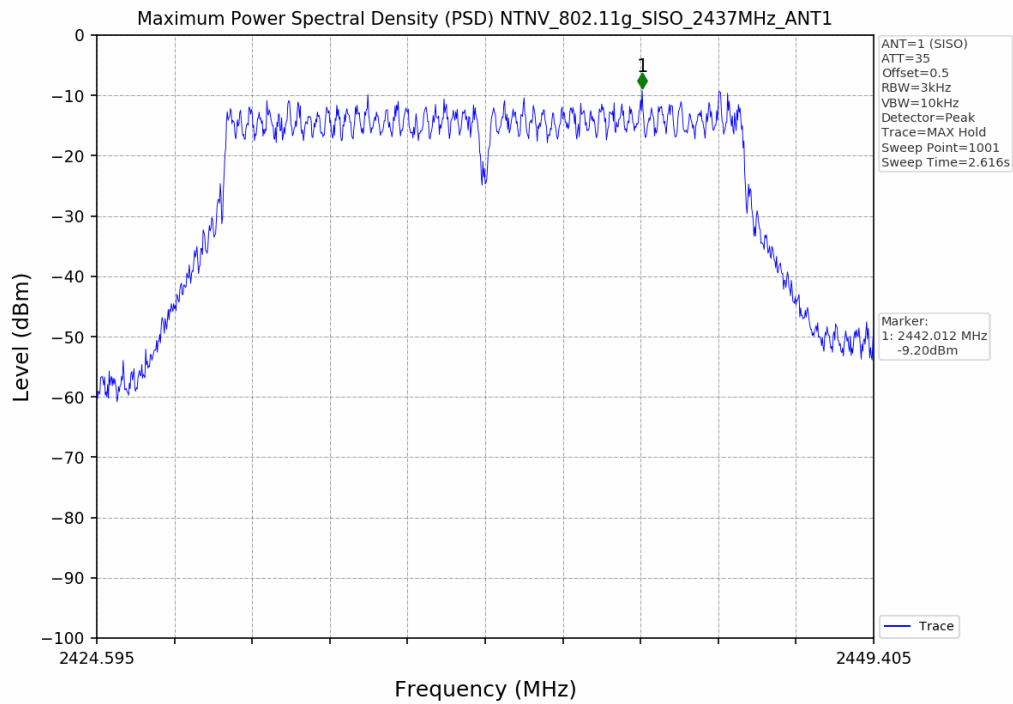
3.1 Test Result

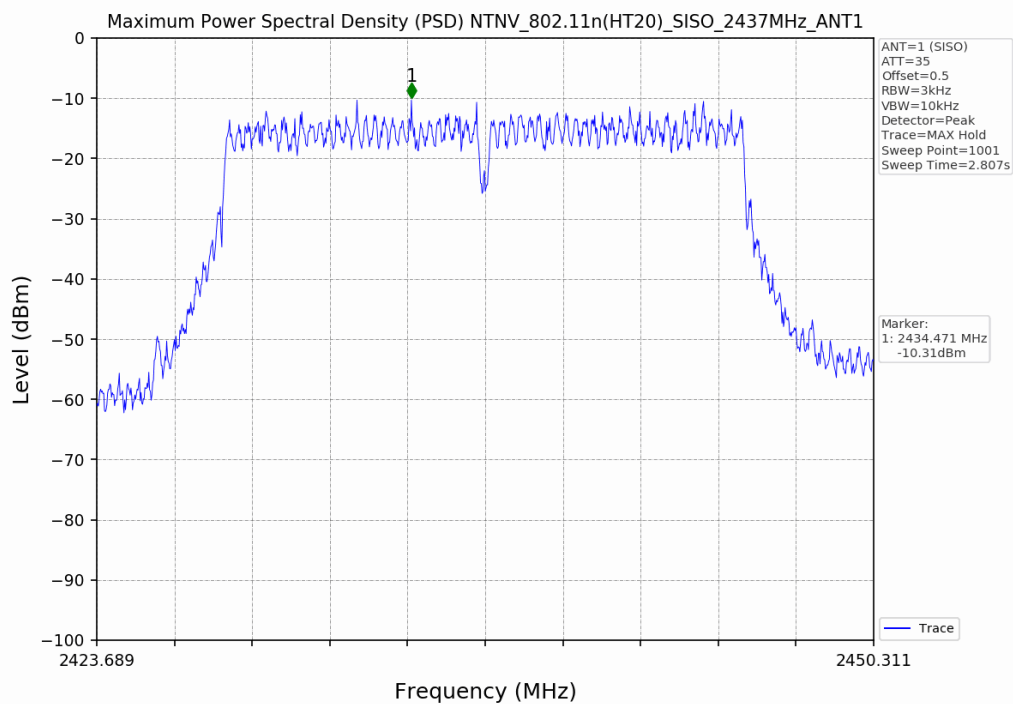
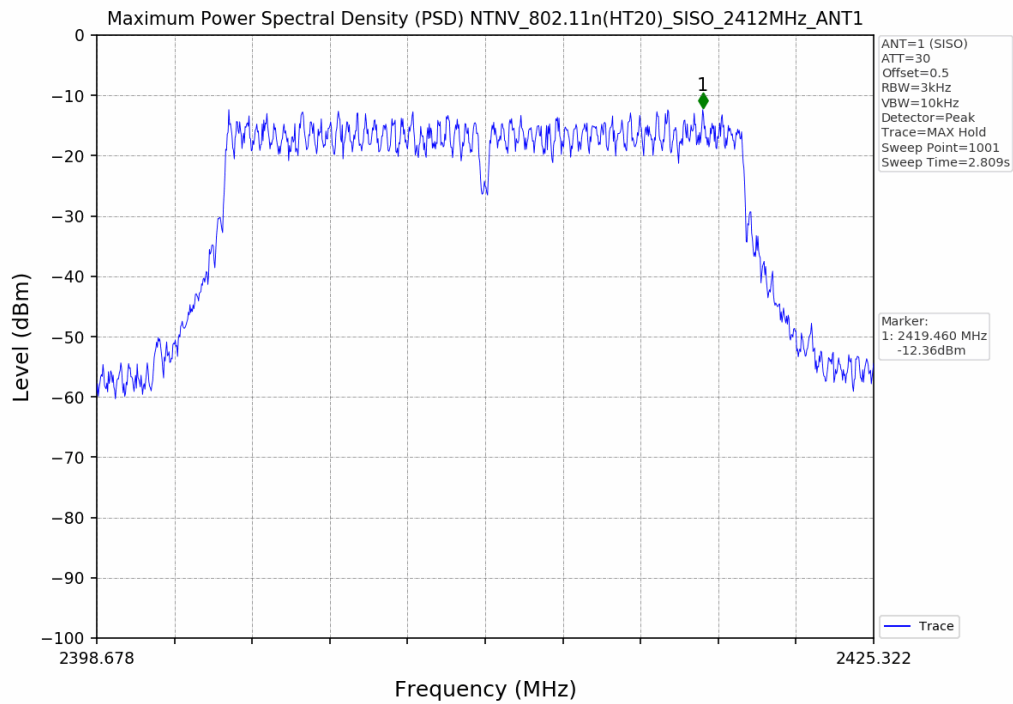
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
802.11b	2412	SISO	-8.50	≤8	PASS
	2437	SISO	-7.85	≤8	PASS
	2462	SISO	-8.39	≤8	PASS
802.11g	2412	SISO	-10.40	≤8	PASS
	2437	SISO	-9.20	≤8	PASS
	2462	SISO	-10.09	≤8	PASS
802.11n(HT20)	2412	SISO	-12.36	≤8	PASS
	2437	SISO	-10.31	≤8	PASS
	2462	SISO	-11.08	≤8	PASS
802.11n(HT40)	2422	SISO	-13.70	≤8	PASS
	2437	SISO	-13.46	≤8	PASS
	2452	SISO	-13.59	≤8	PASS

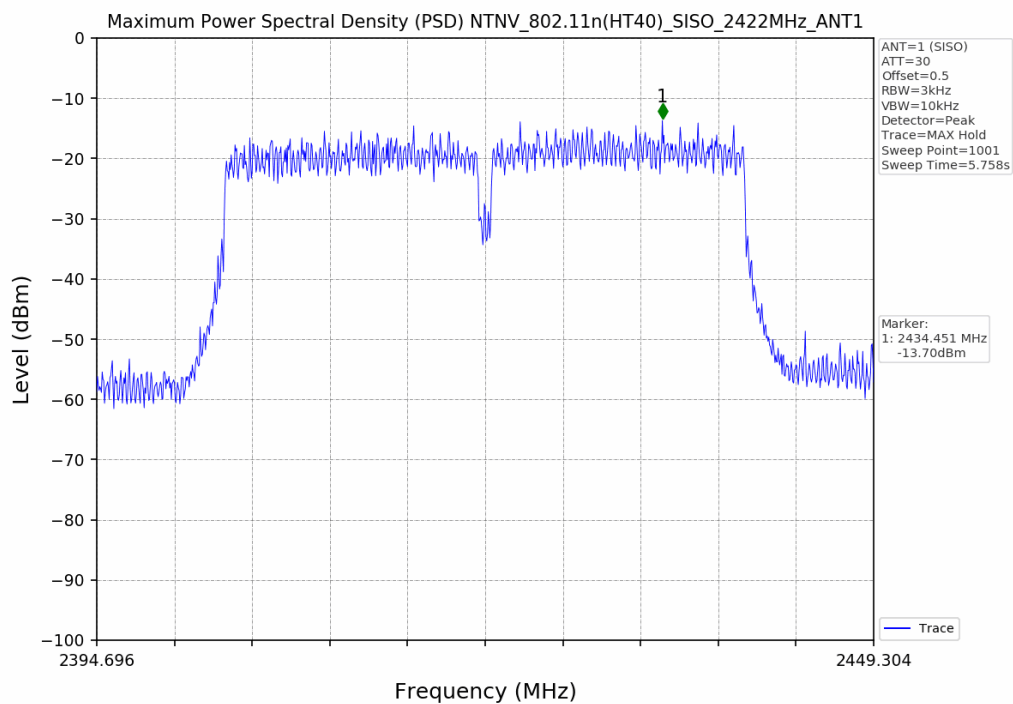
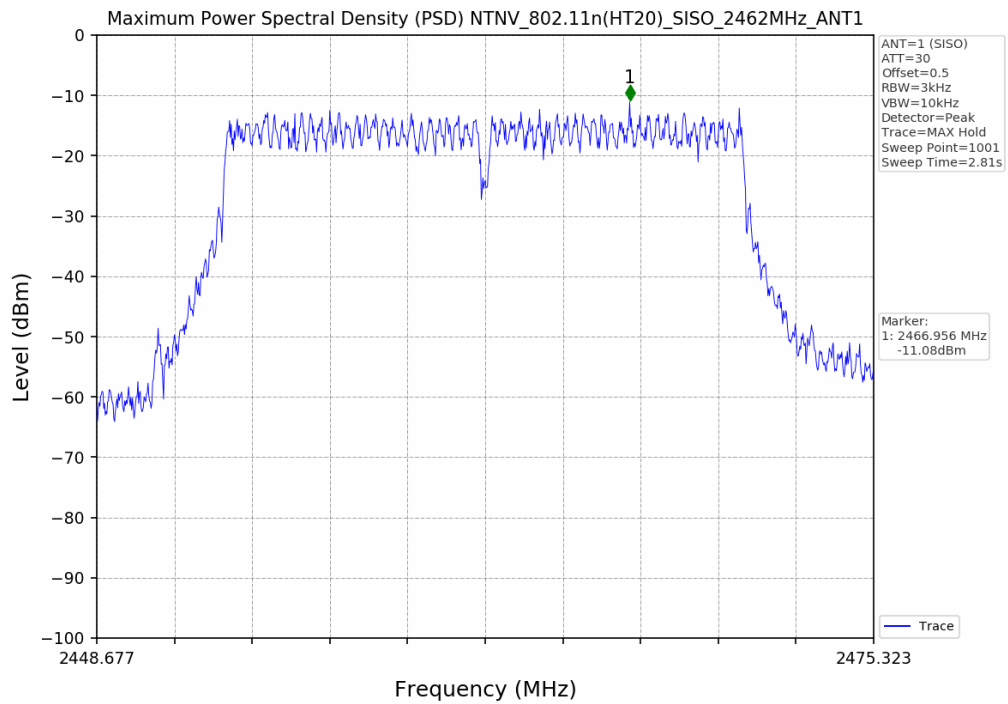
3.2 Test Graph

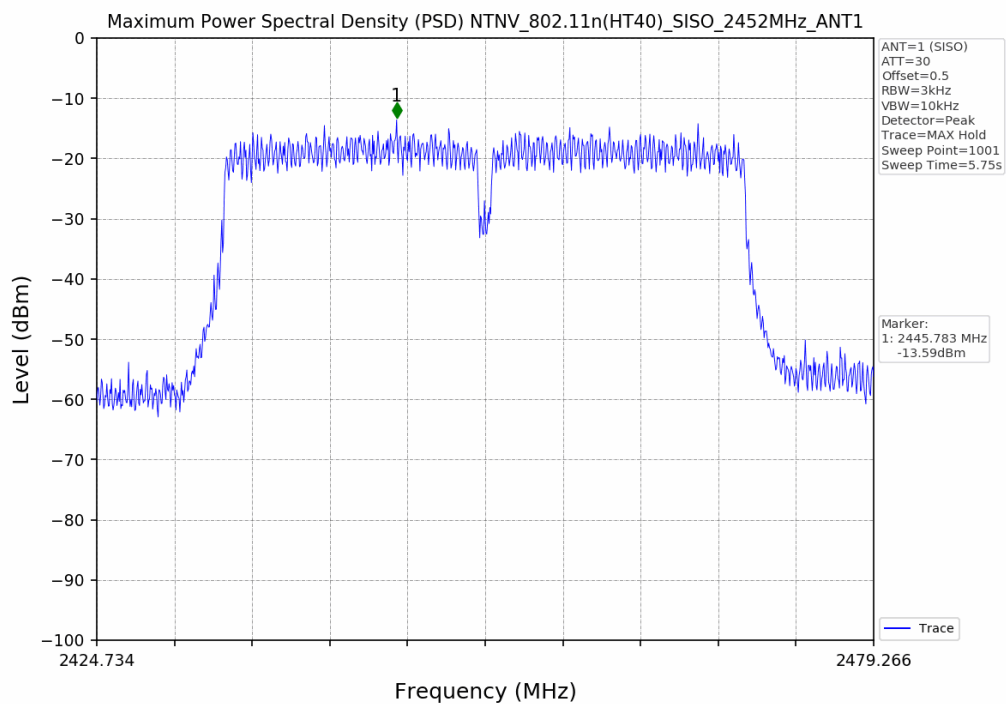
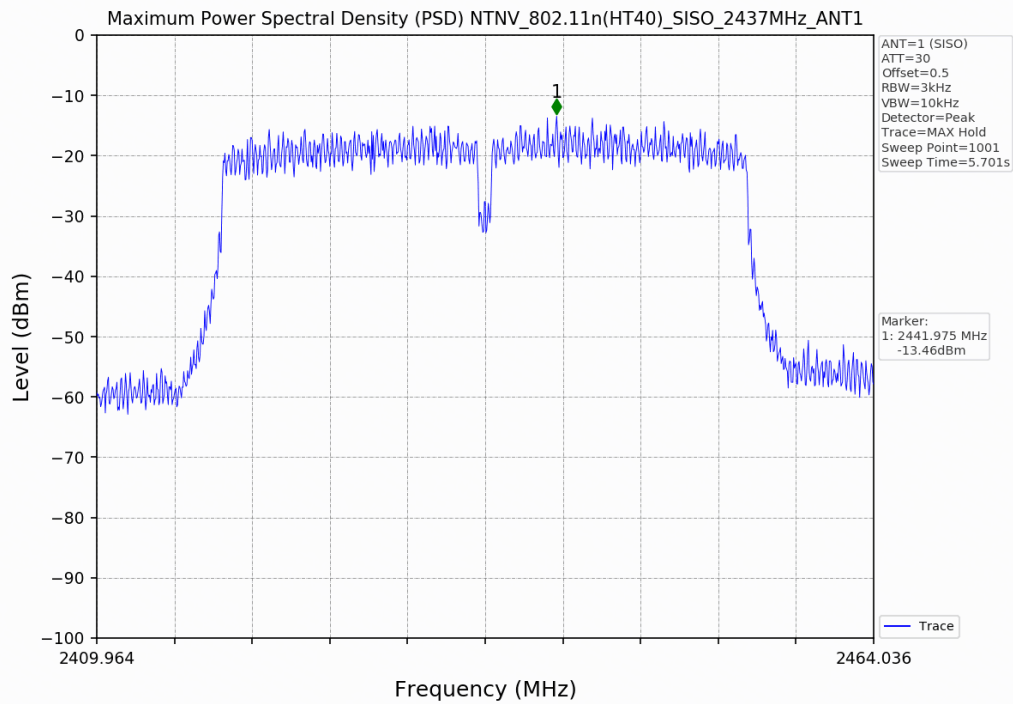










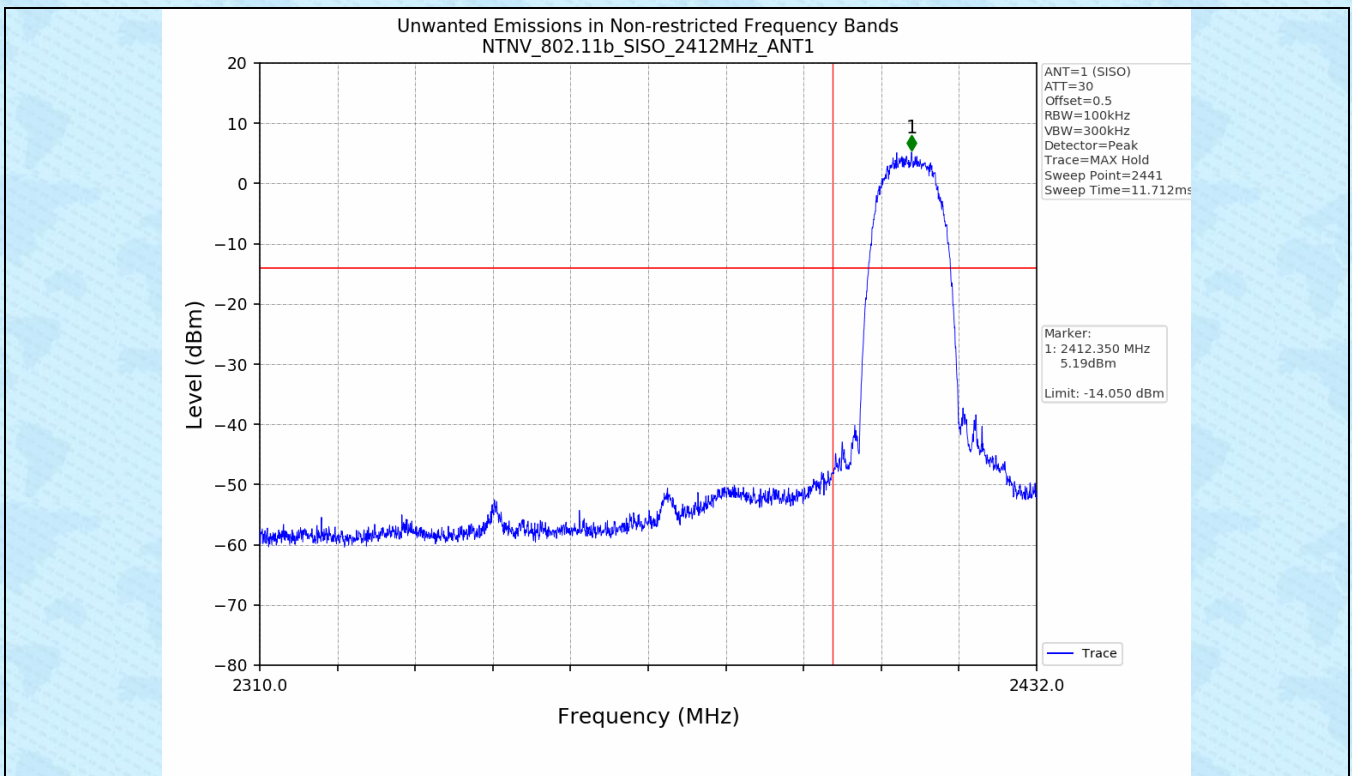
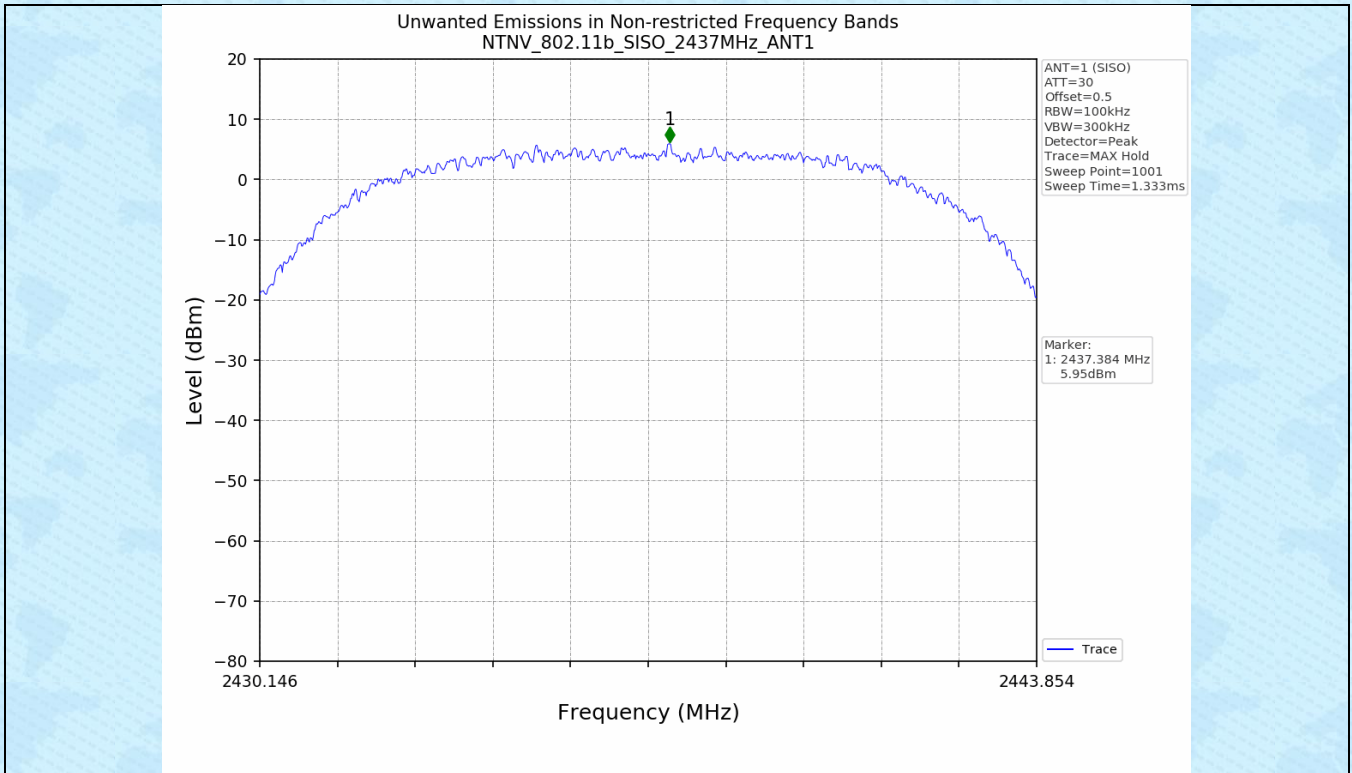


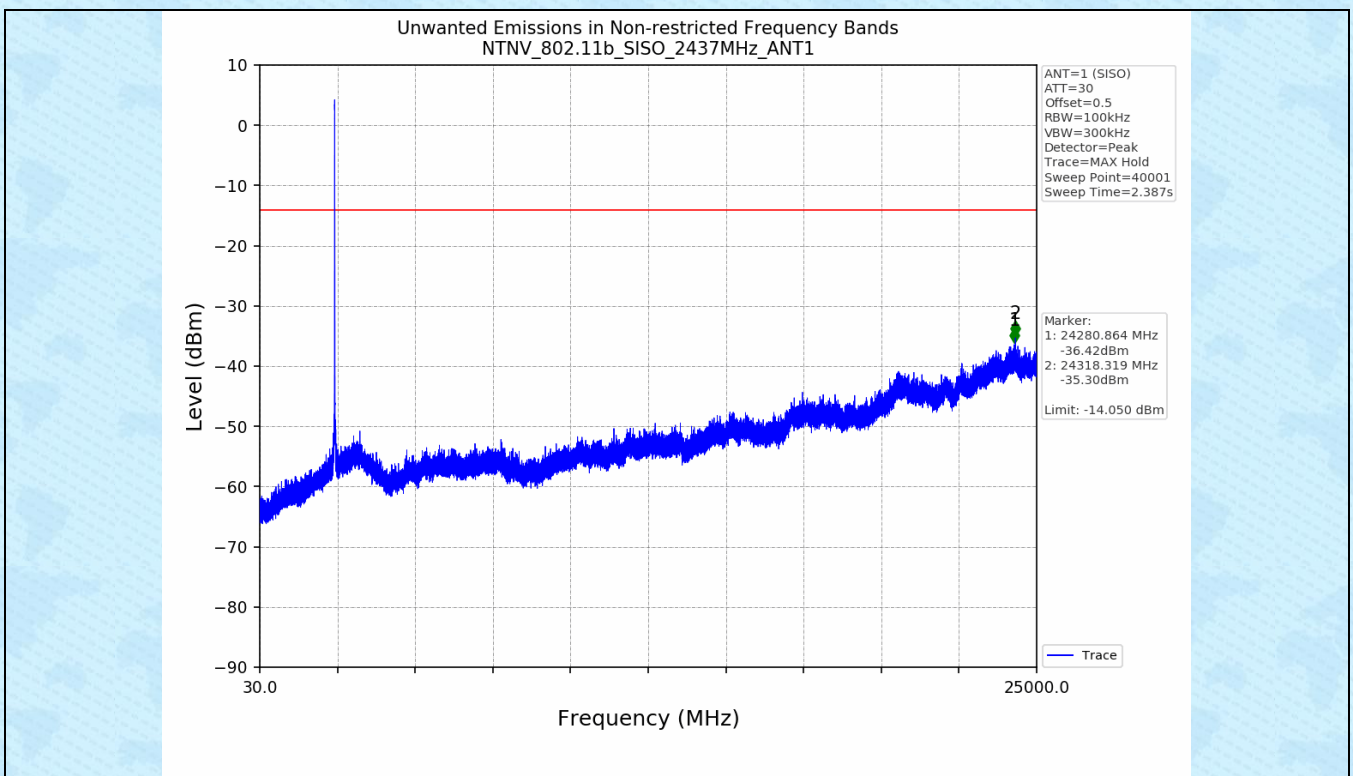
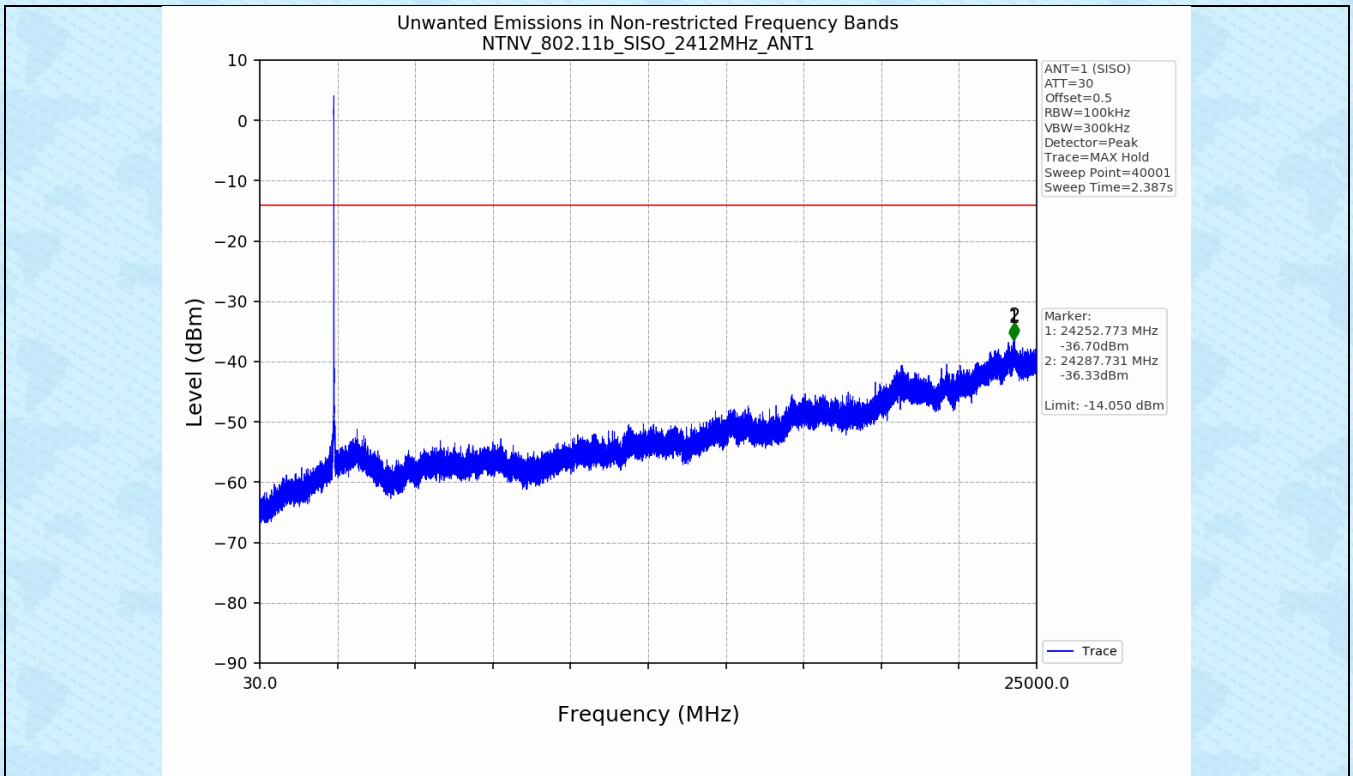
4. Unwanted Emissions in Non-restricted Frequency Bands

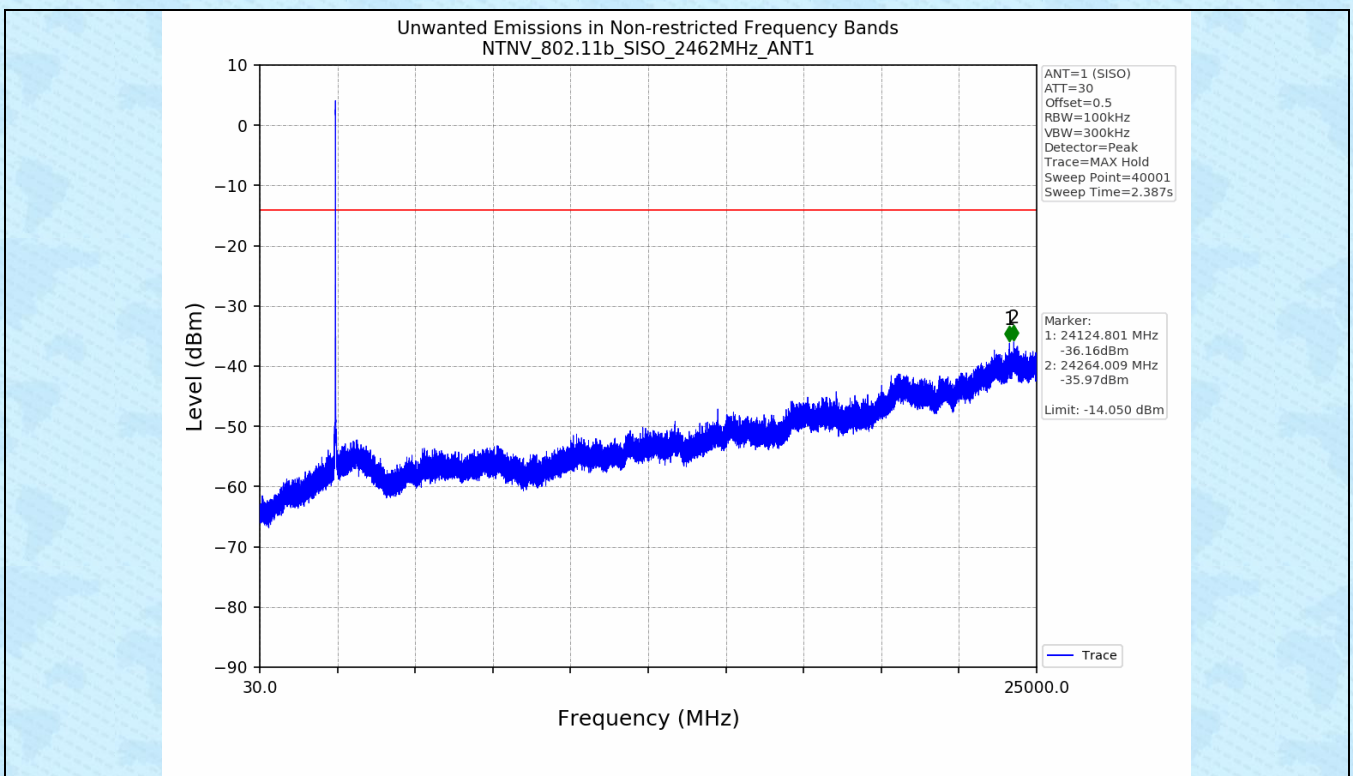
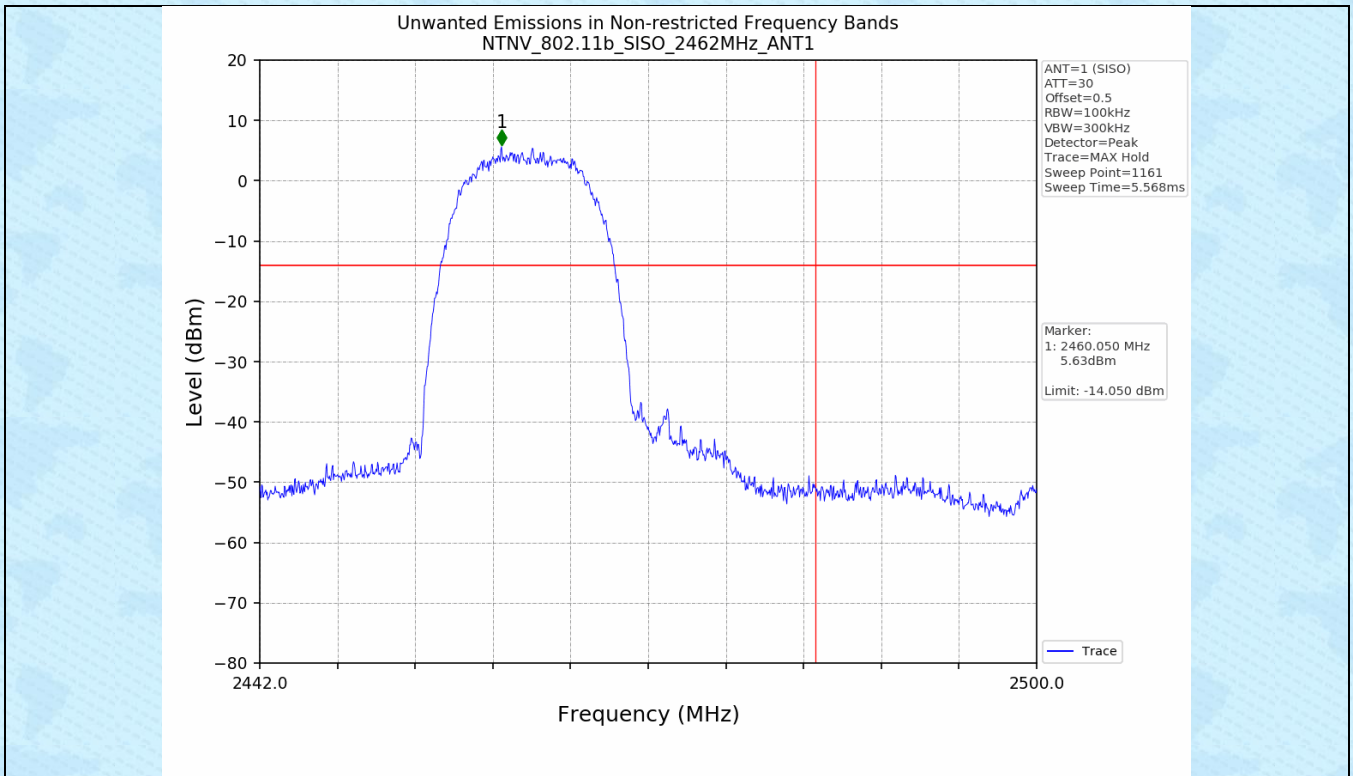
4.1 Test Result

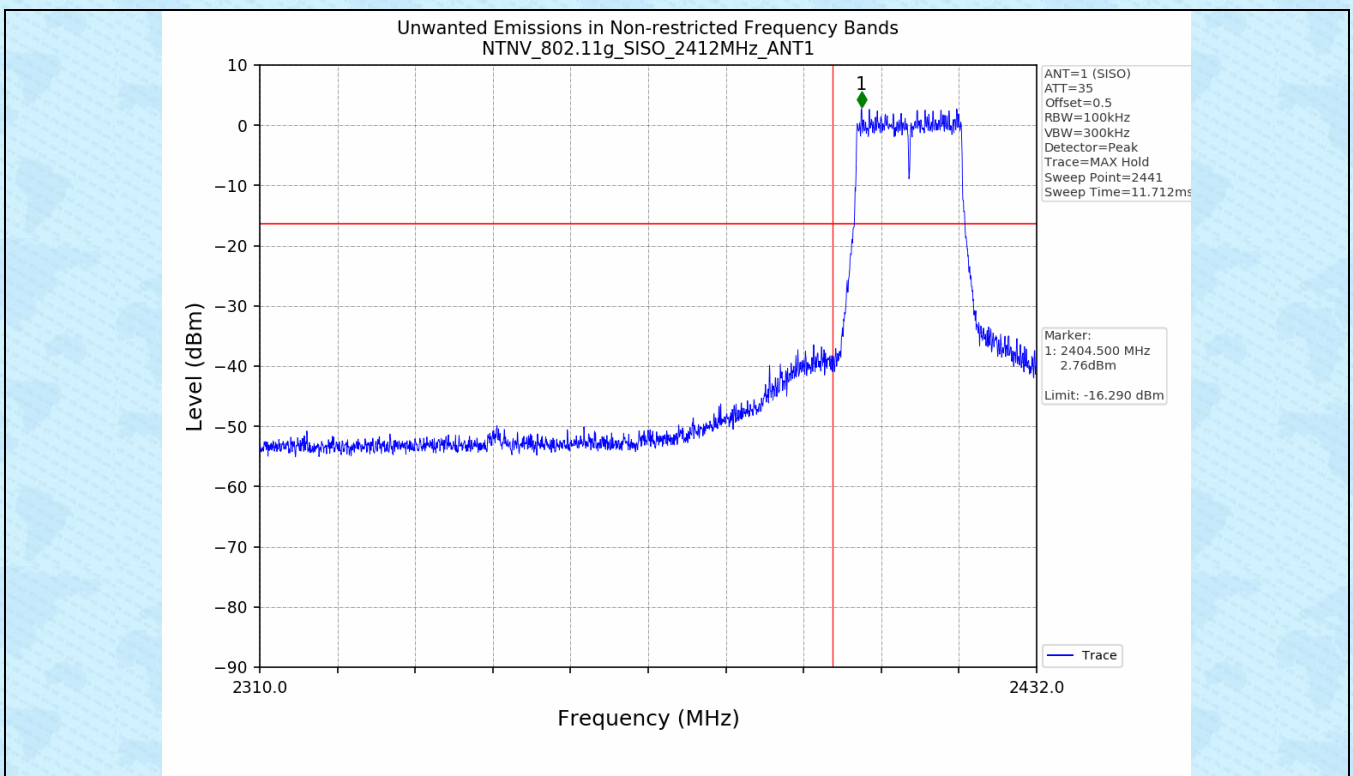
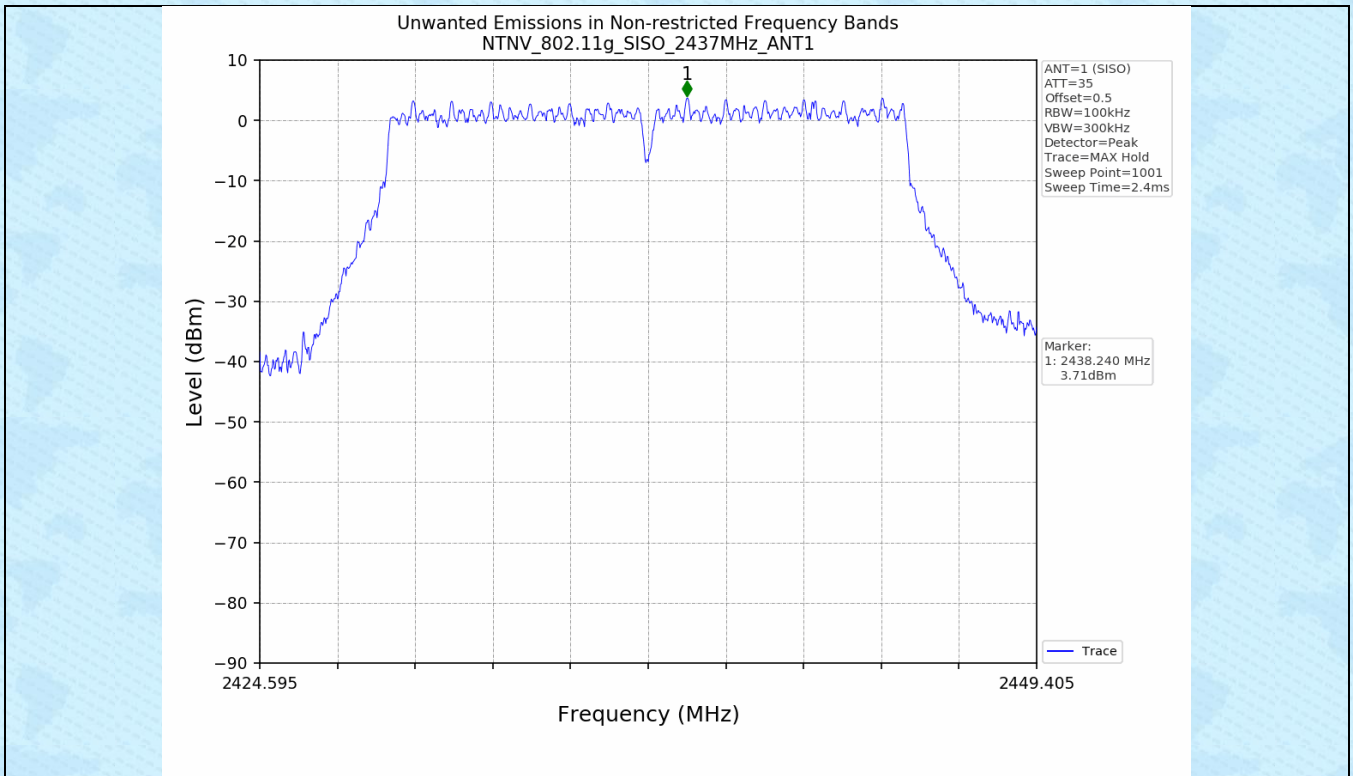
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	1	Refer to test graph	-14.05	PASS
	2437	SISO	1	Refer to test graph	-14.05	PASS
	2462	SISO	1	Refer to test graph	-14.05	PASS
802.11g	2412	SISO	1	Refer to test graph	-16.29	PASS
	2437	SISO	1	Refer to test graph	-16.29	PASS
	2462	SISO	1	Refer to test graph	-16.29	PASS
802.11n(HT20)	2412	SISO	1	Refer to test graph	-17.21	PASS
	2437	SISO	1	Refer to test graph	-17.21	PASS
	2462	SISO	1	Refer to test graph	-17.21	PASS
802.11n(HT40)	2422	SISO	1	Refer to test graph	-20.05	PASS
	2437	SISO	1	Refer to test graph	-20.05	PASS
	2452	SISO	1	Refer to test graph	-20.05	PASS

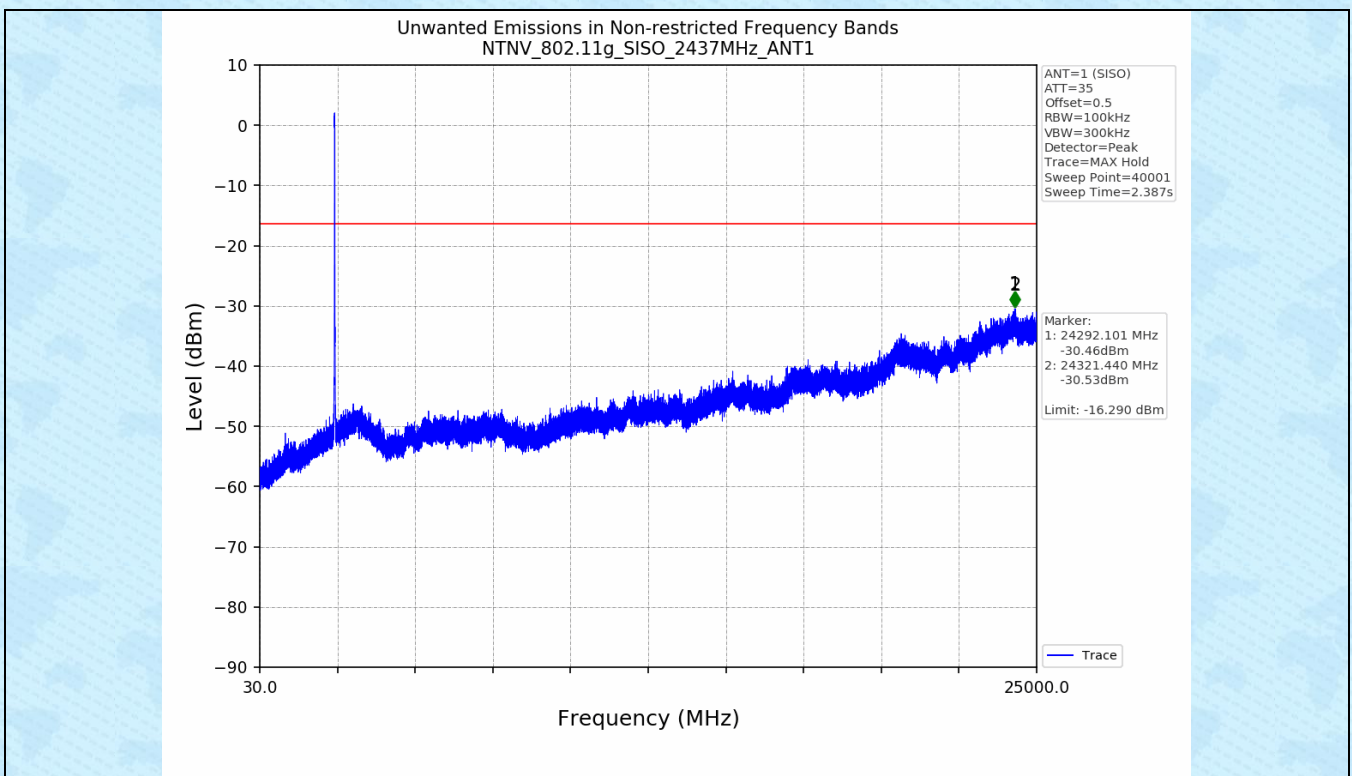
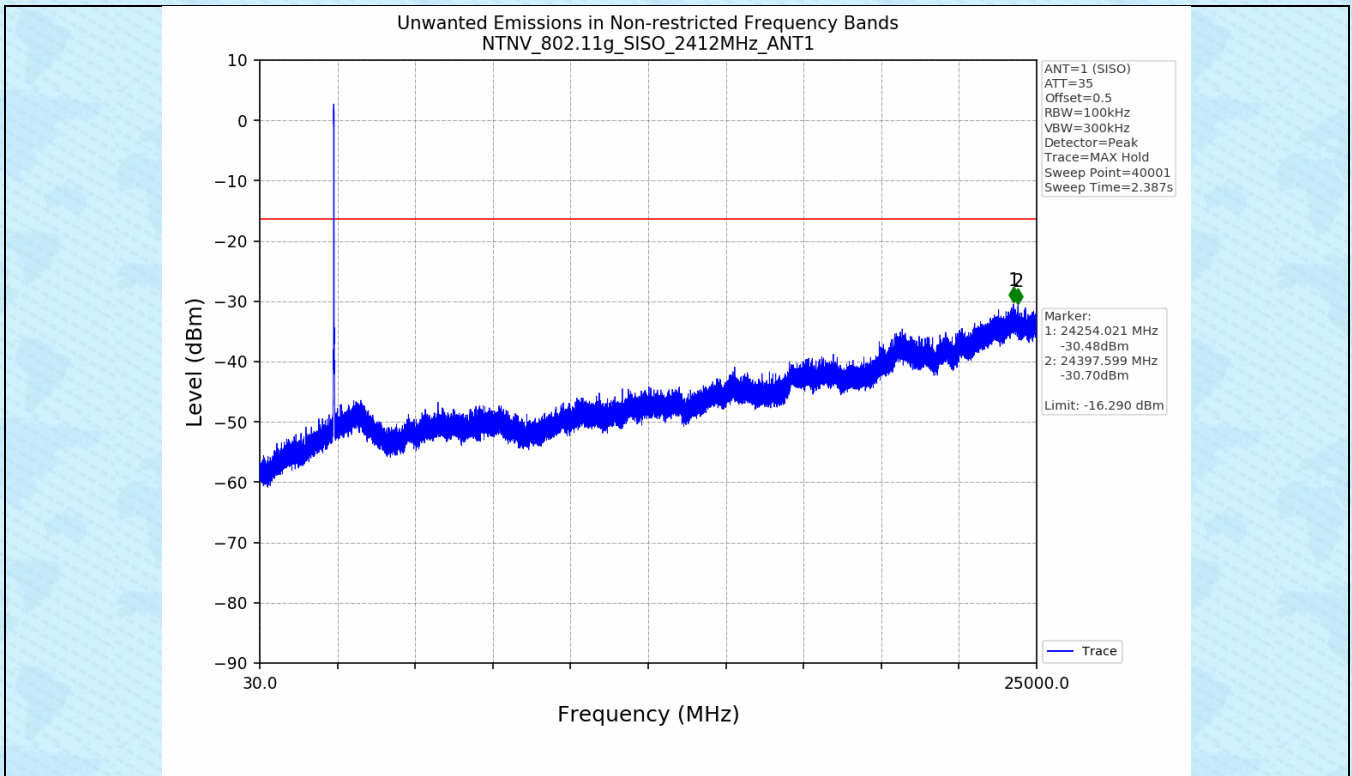
4.2 Test Graph

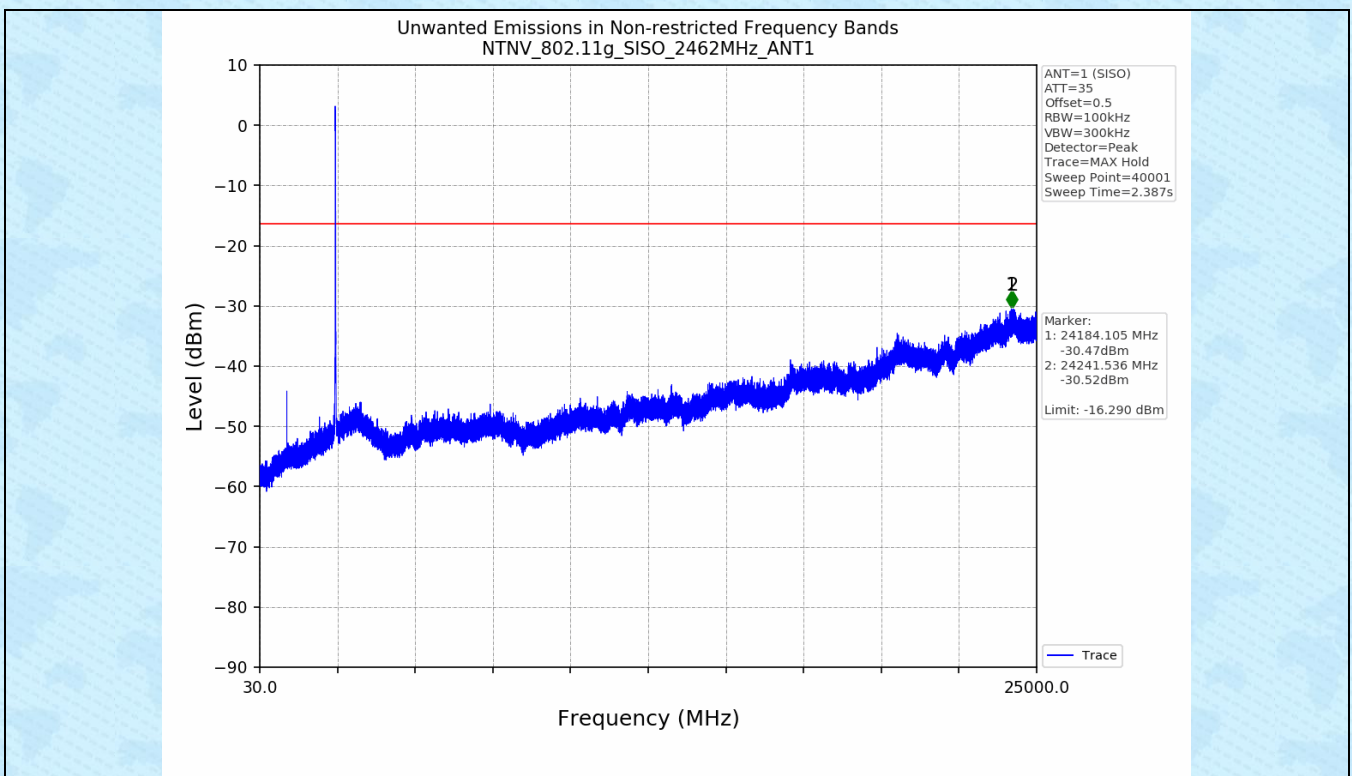
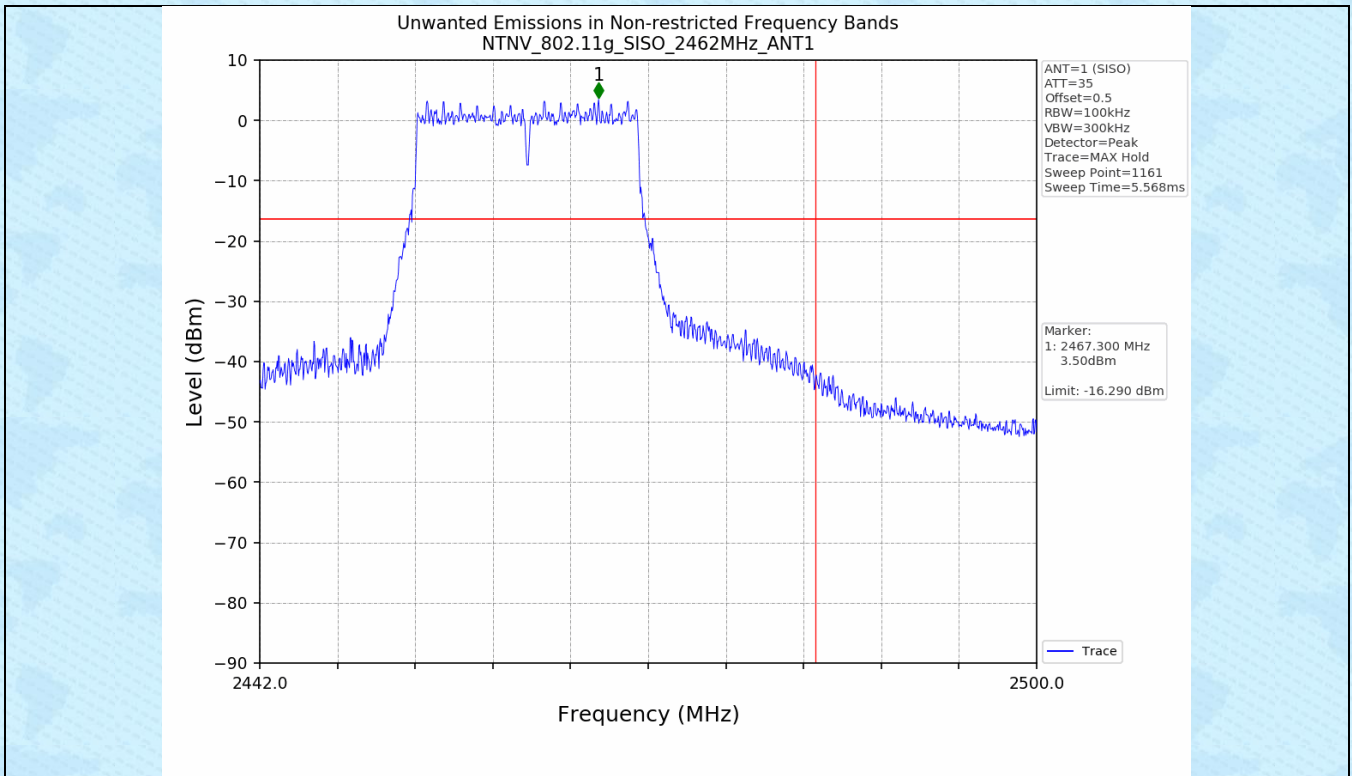


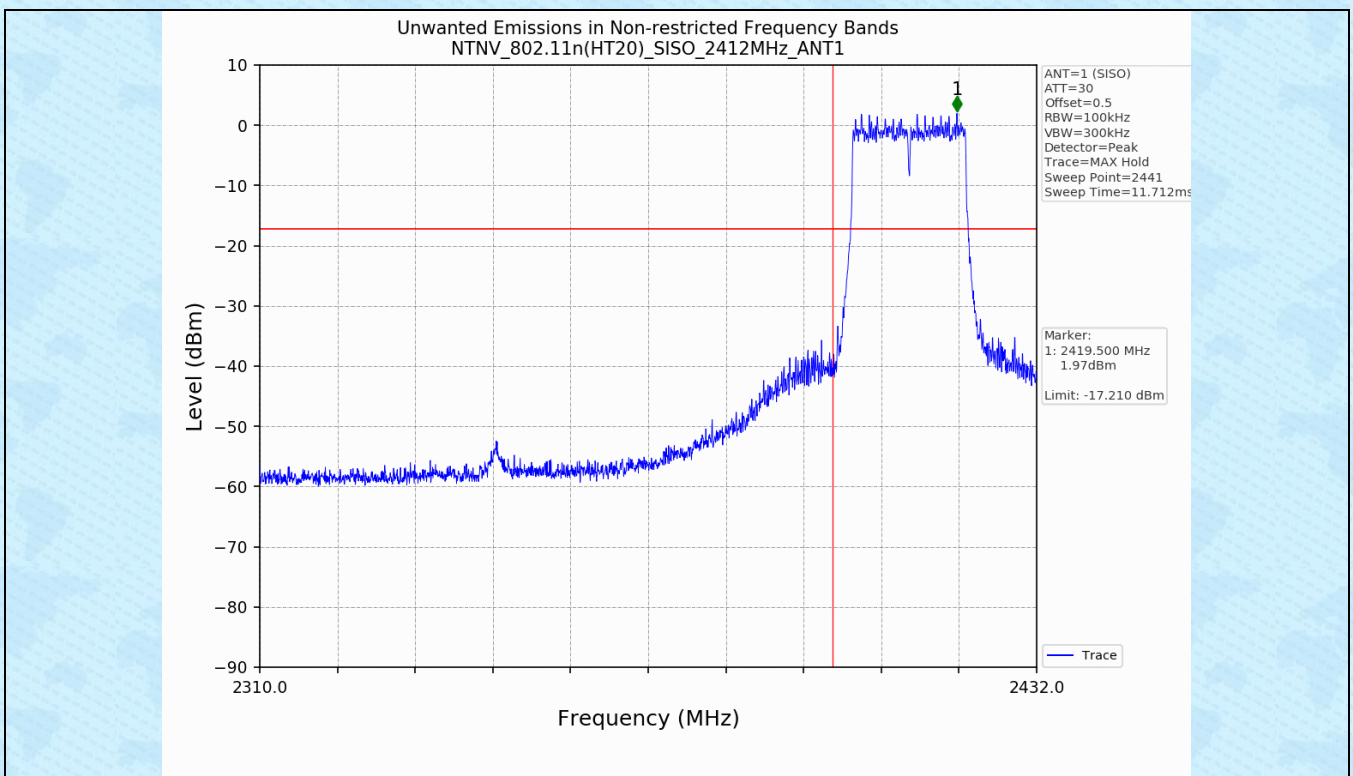
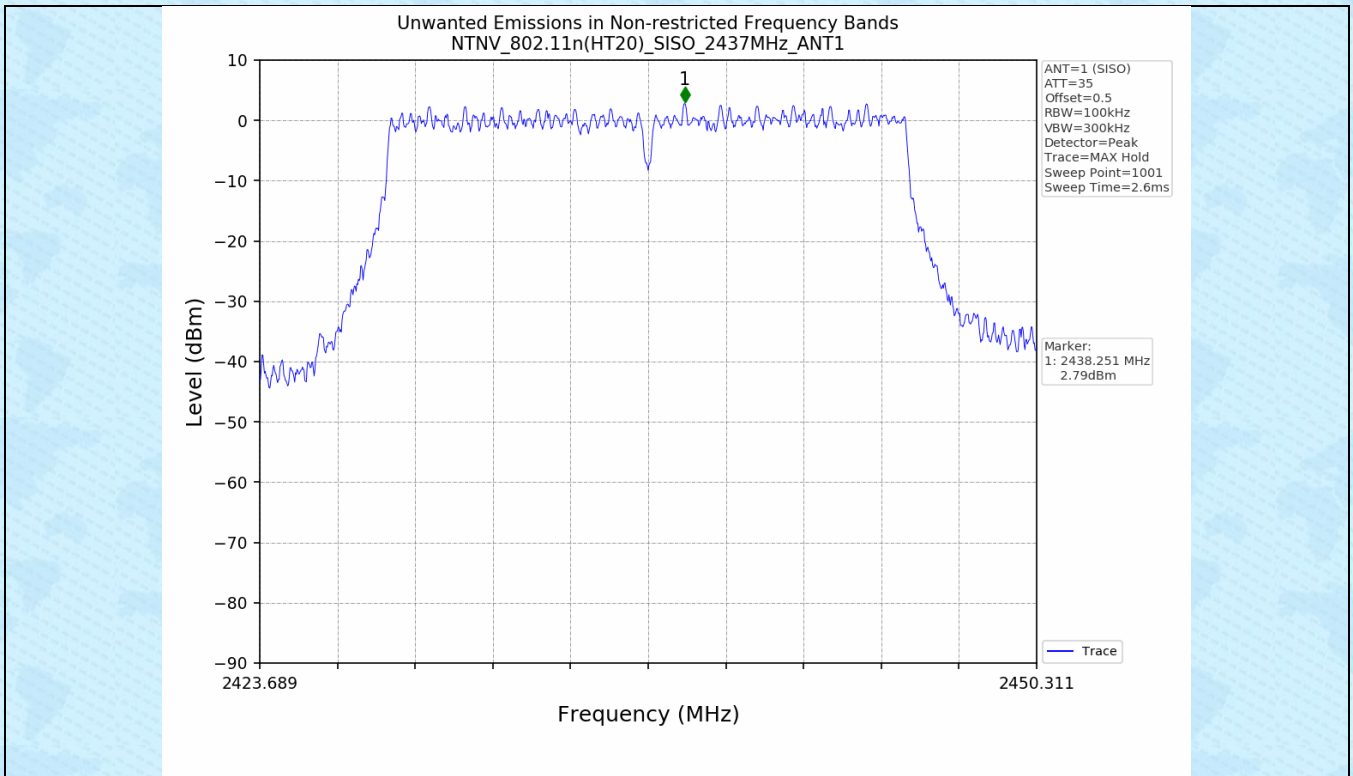


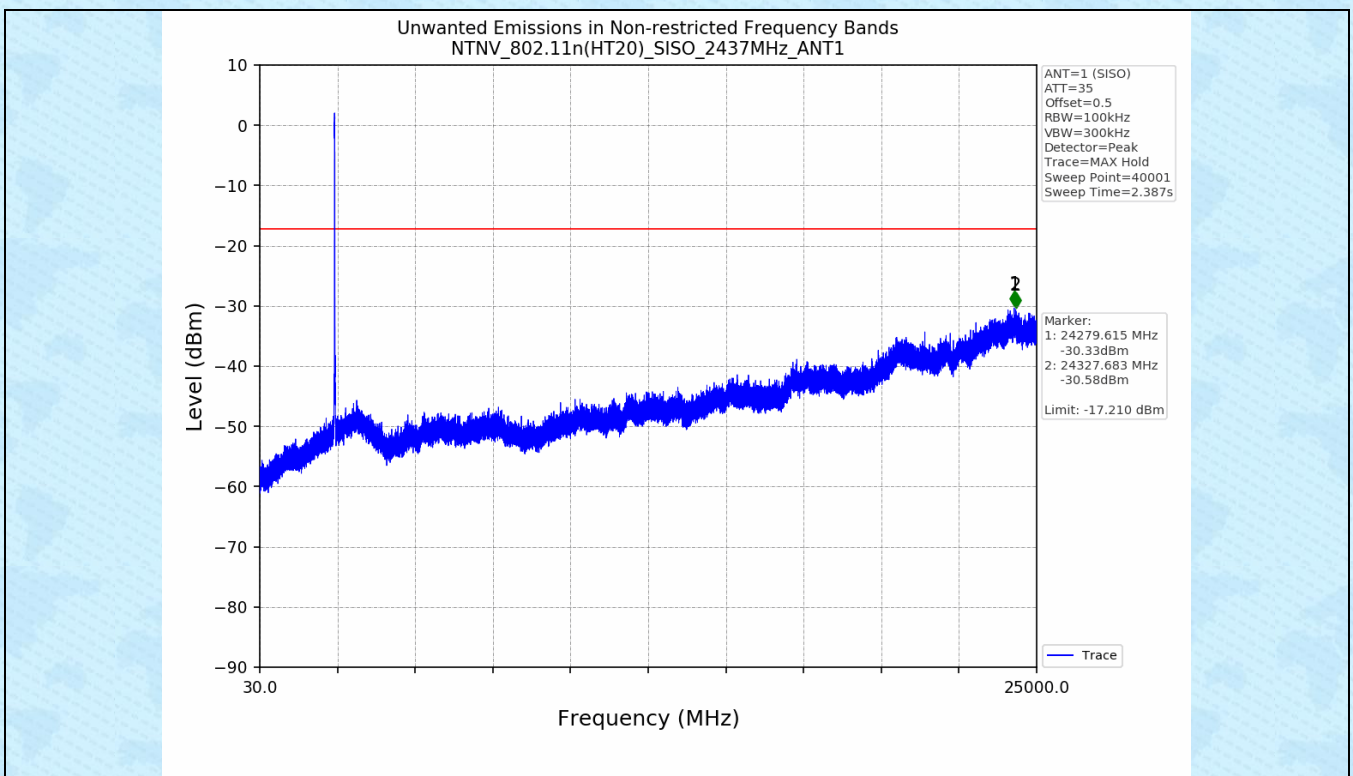
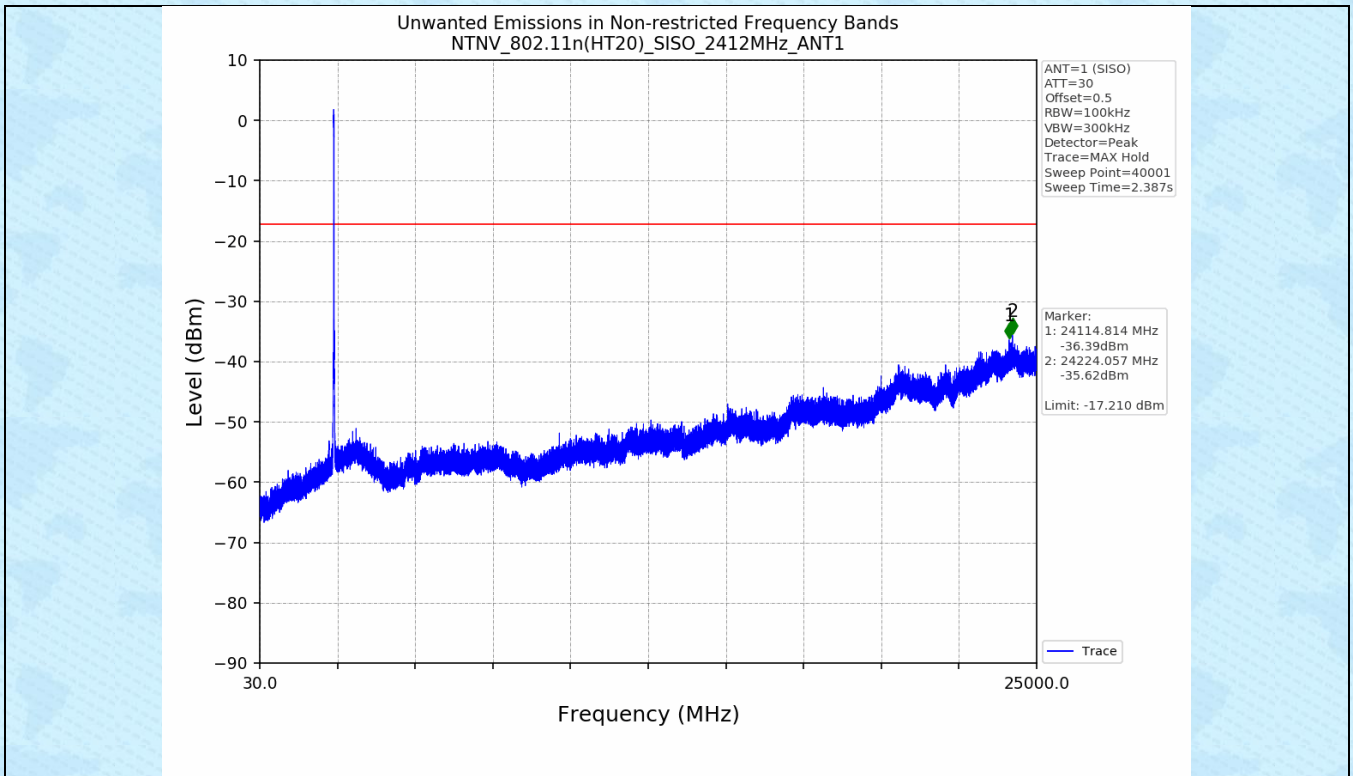


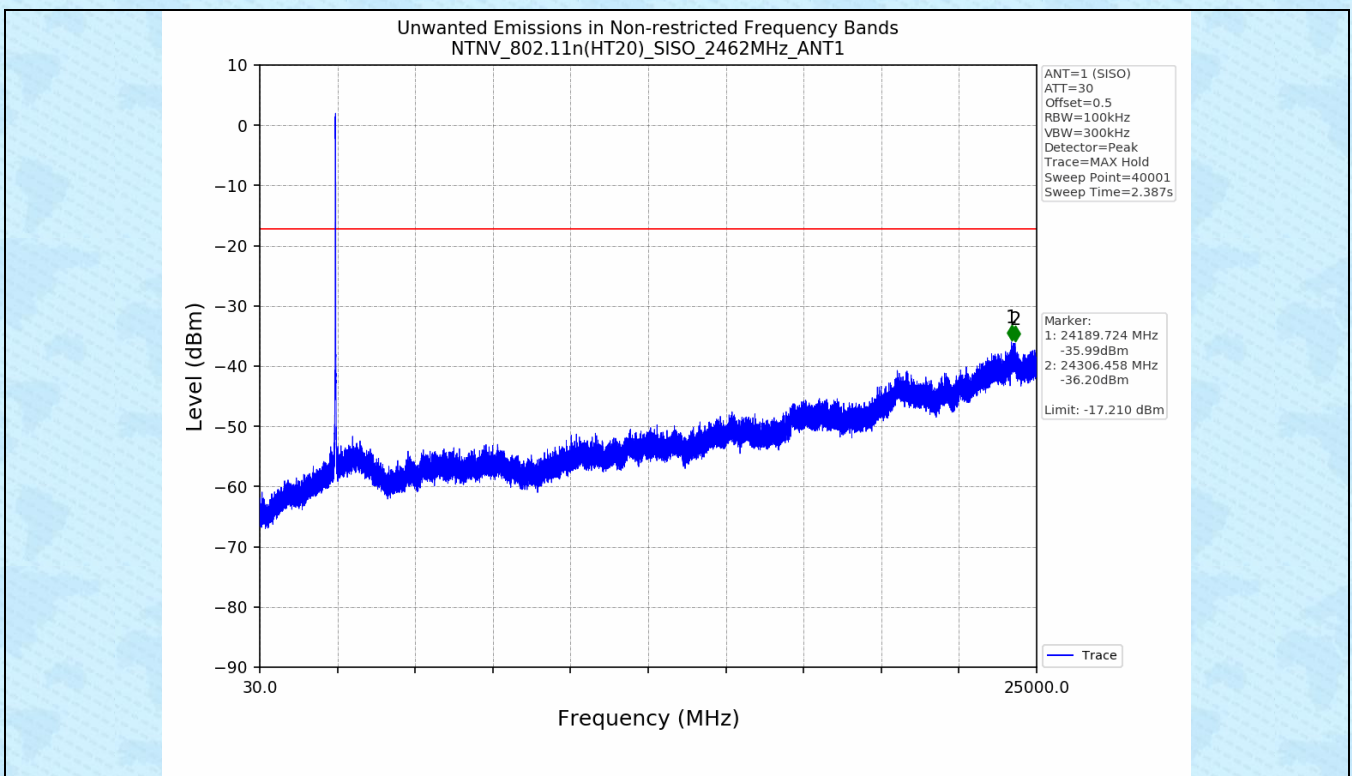
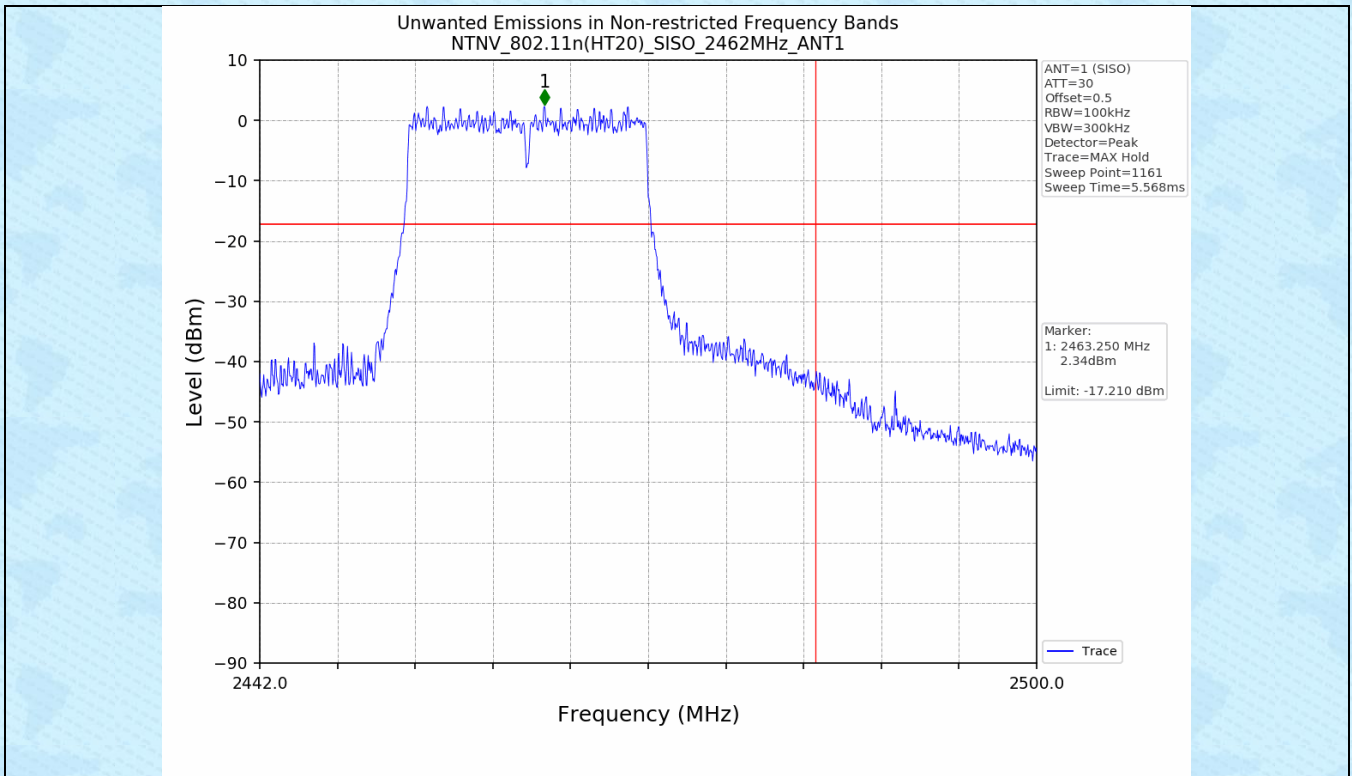


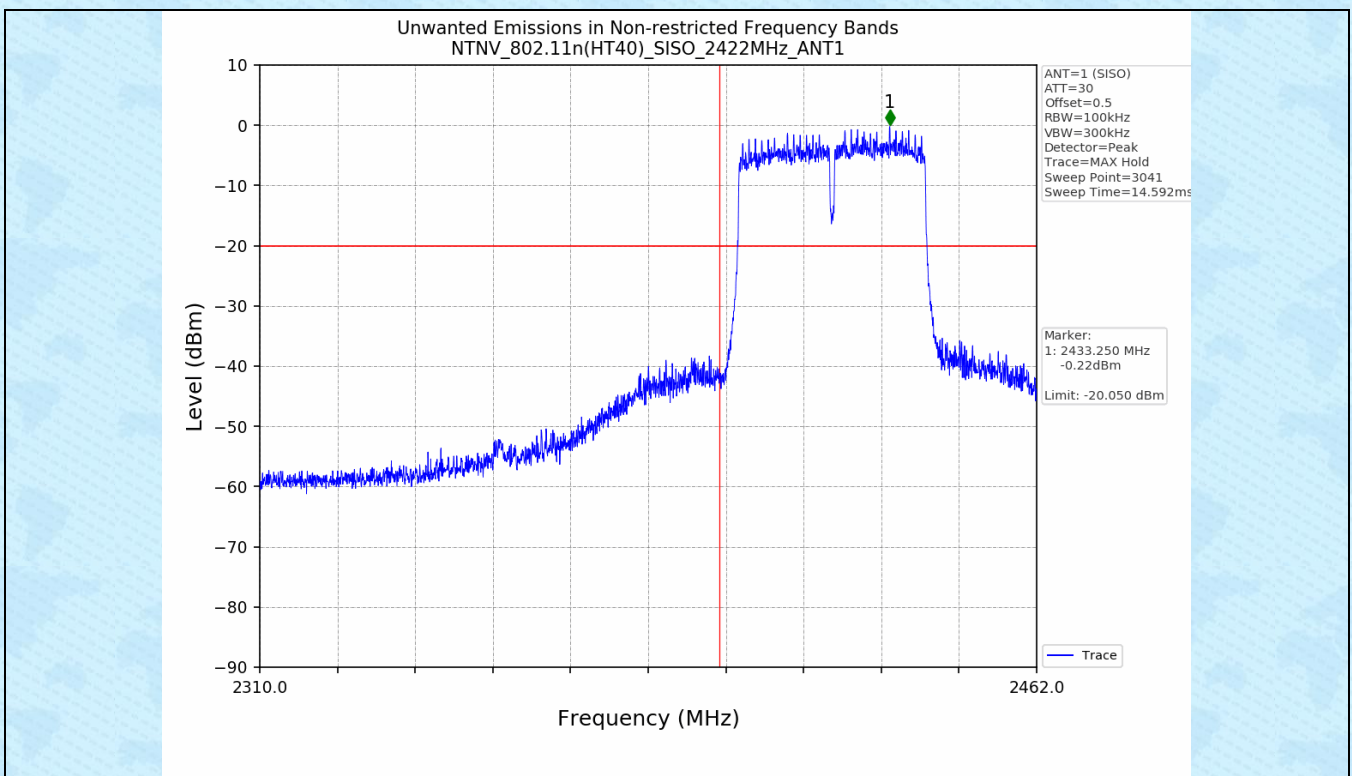
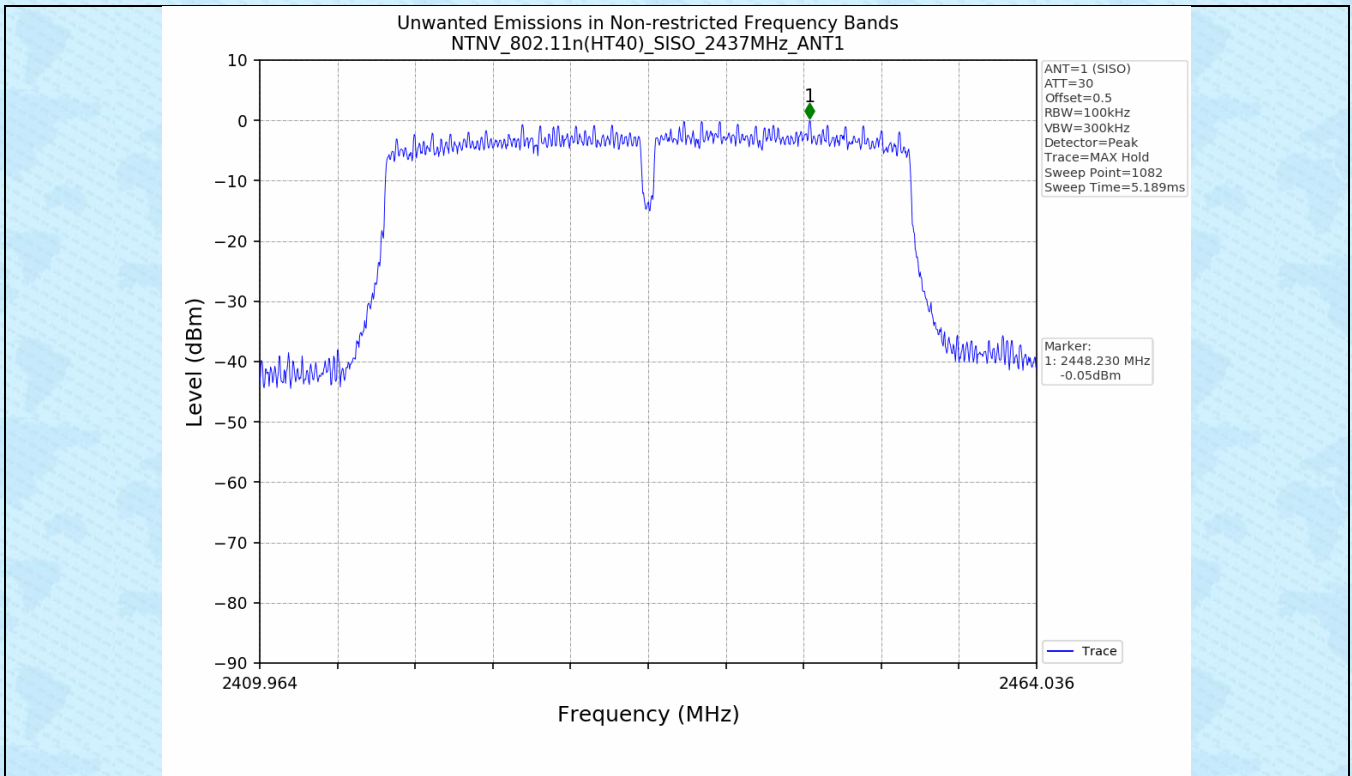


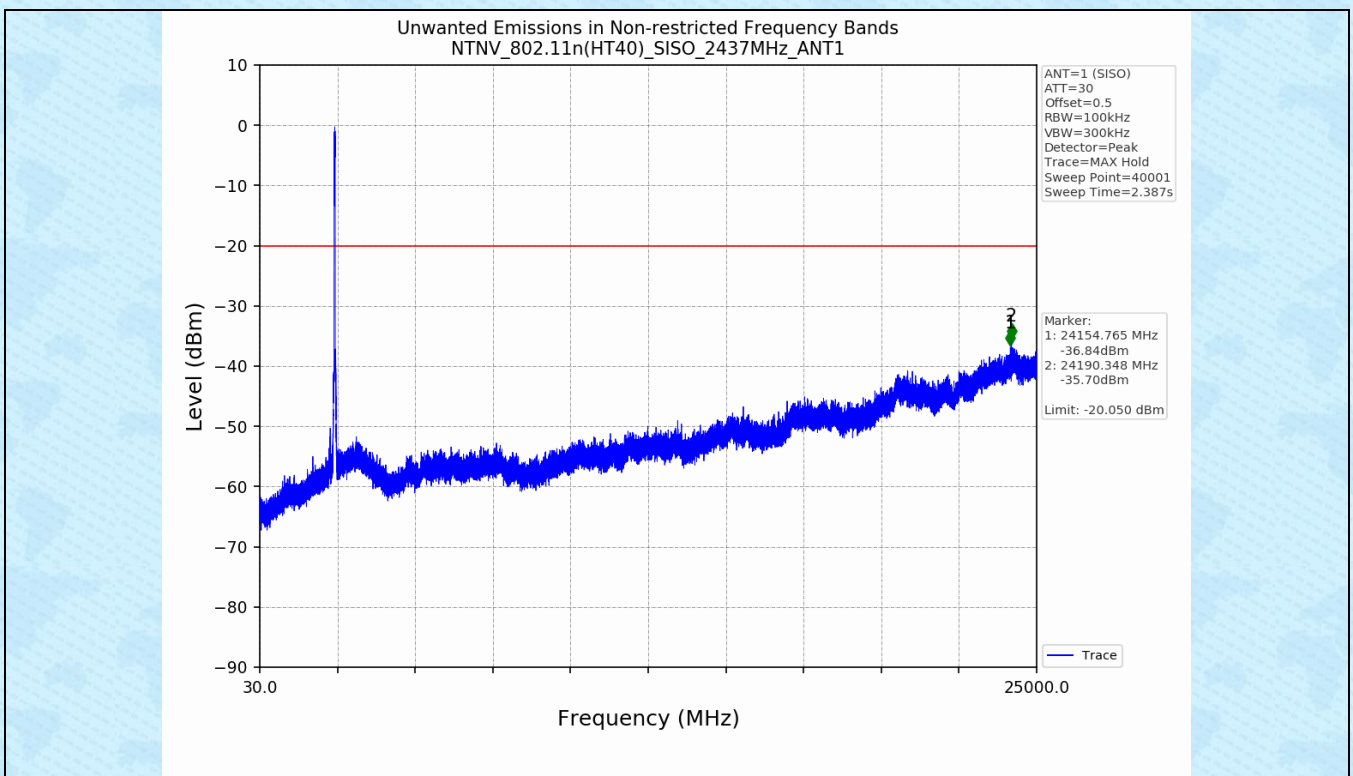
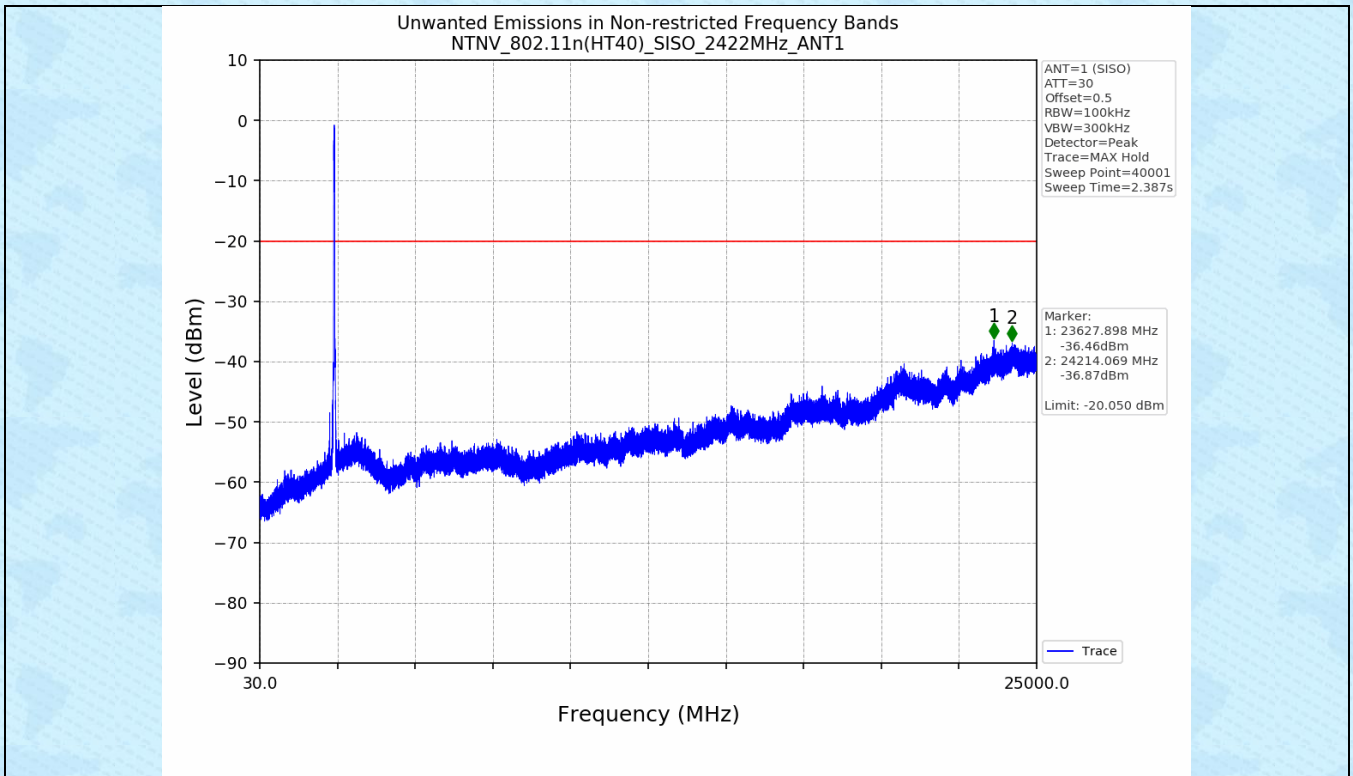


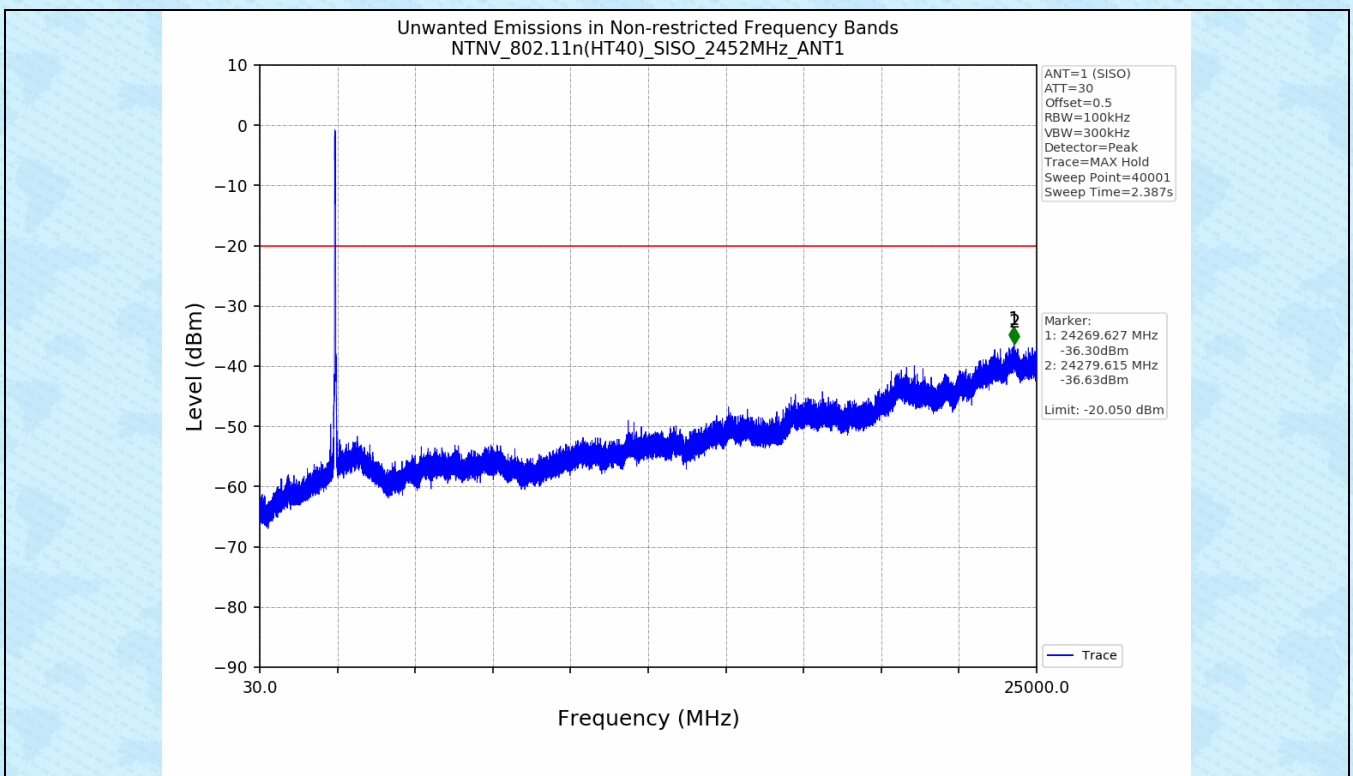
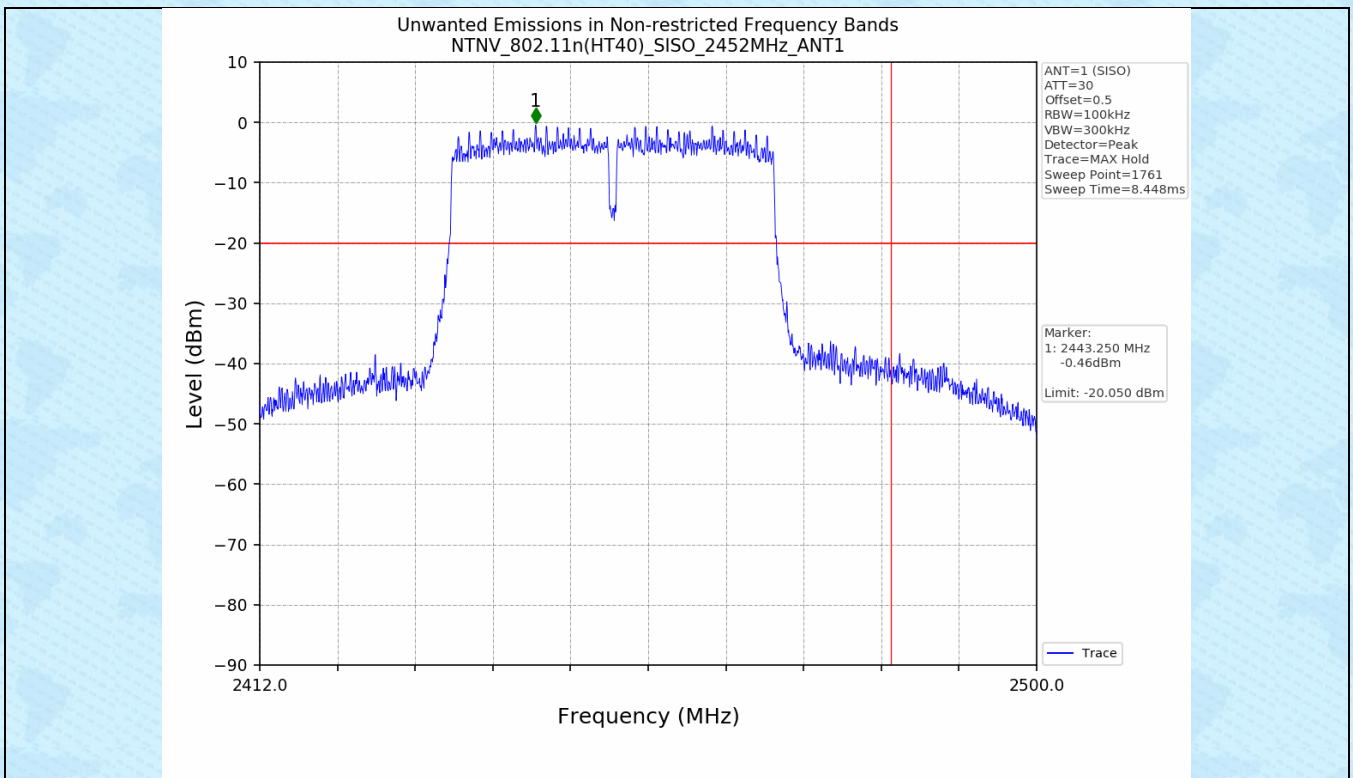












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