

Appendix for 15.247

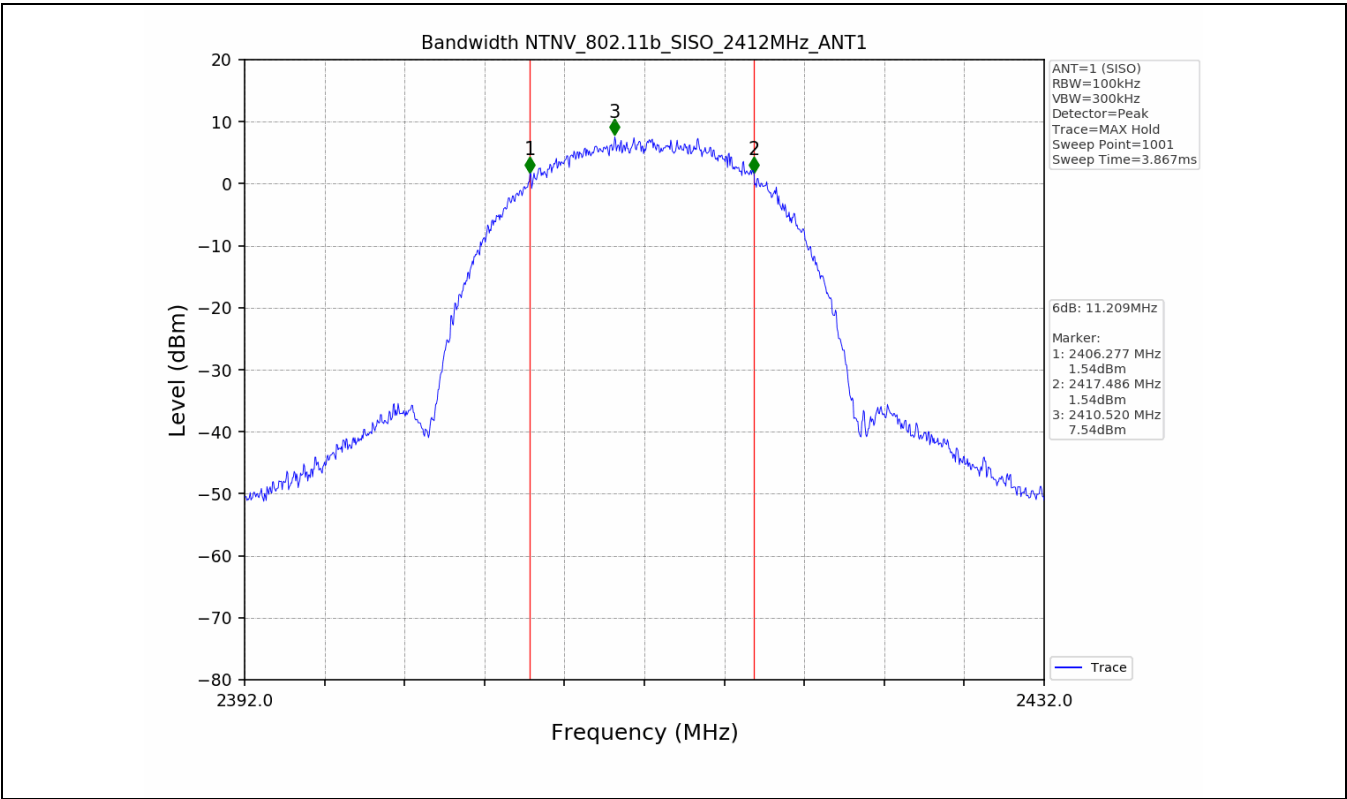
1. Bandwidth

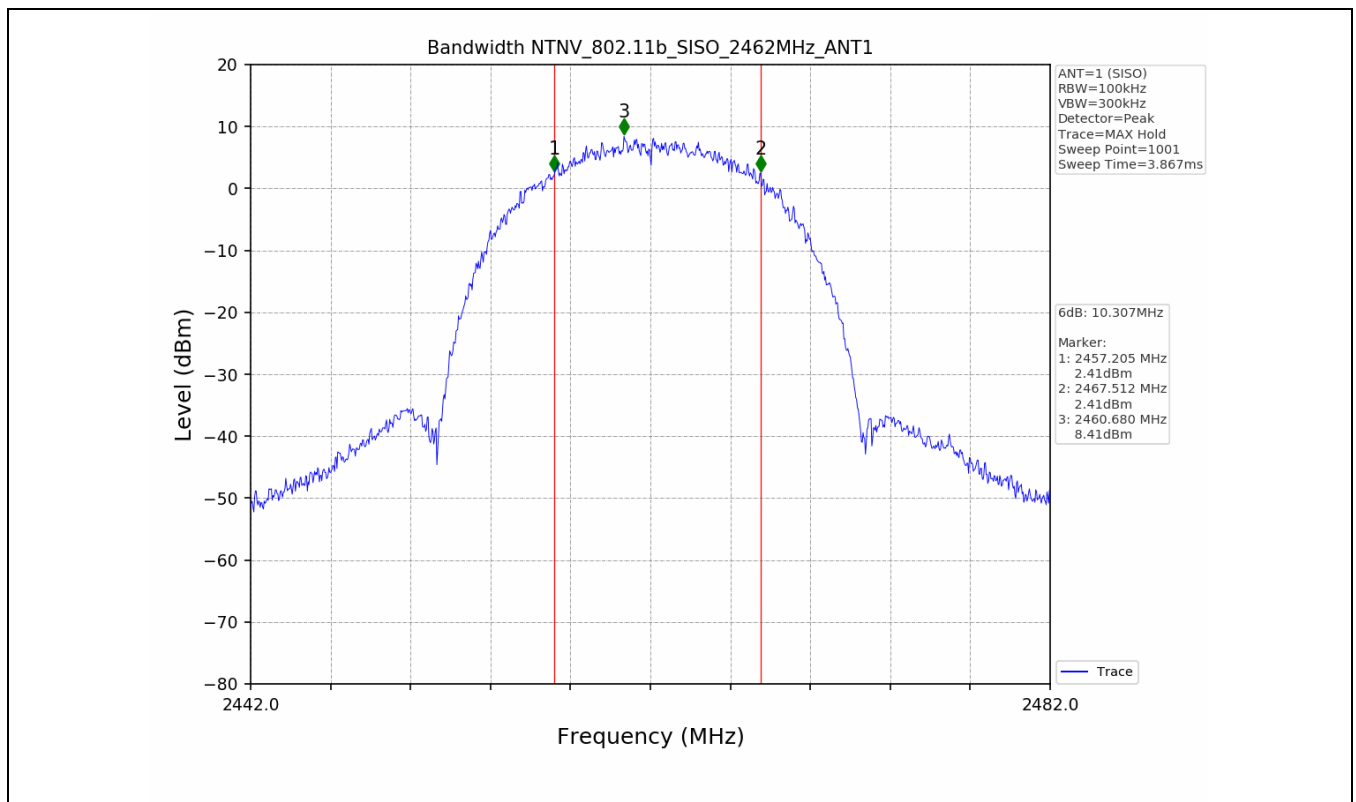
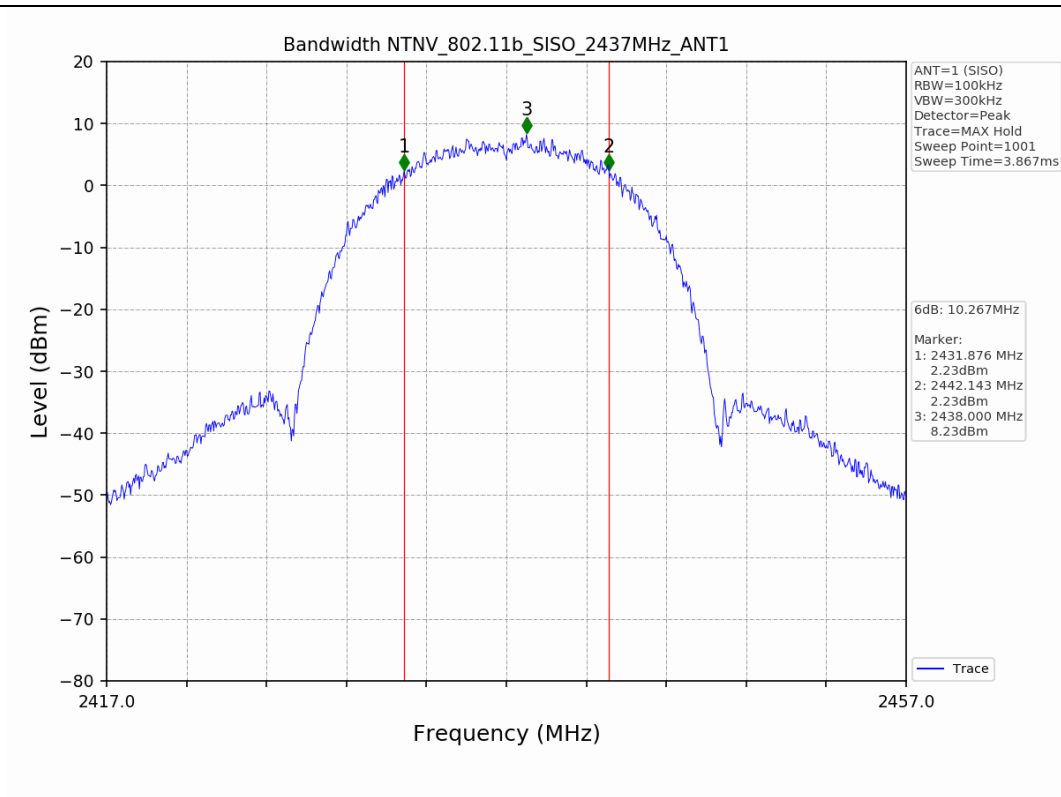
1.1 Test Result

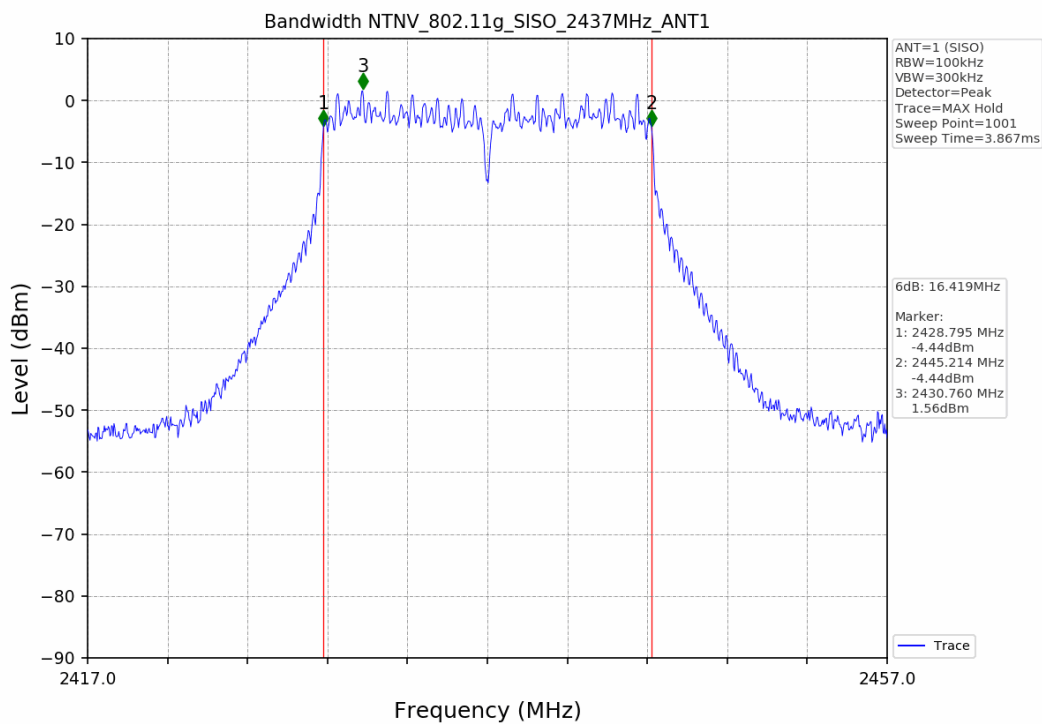
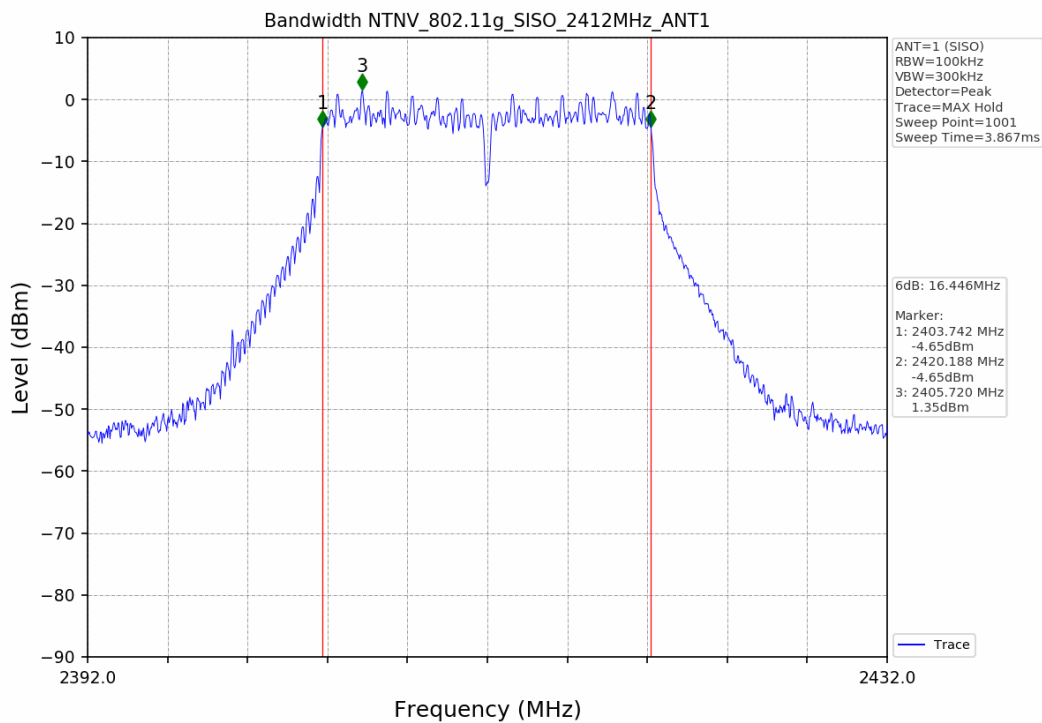
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11b	2412	SISO	1	11.209	≥0.5	PASS
	2437	SISO	1	10.267	≥0.5	PASS
	2462	SISO	1	10.307	≥0.5	PASS
802.11g	2412	SISO	1	16.446	≥0.5	PASS
	2437	SISO	1	16.419	≥0.5	PASS
	2462	SISO	1	16.472	≥0.5	PASS
802.11n(HT20)	2412	SISO	1	16.480	≥0.5	PASS
	2437	SISO	1	17.579	≥0.5	PASS
	2462	SISO	1	17.599	≥0.5	PASS
802.11n(HT40)	2422	SISO	1	35.600	≥0.5	PASS
	2437	SISO	1	35.989	≥0.5	PASS
	2452	SISO	1	35.988	≥0.5	PASS

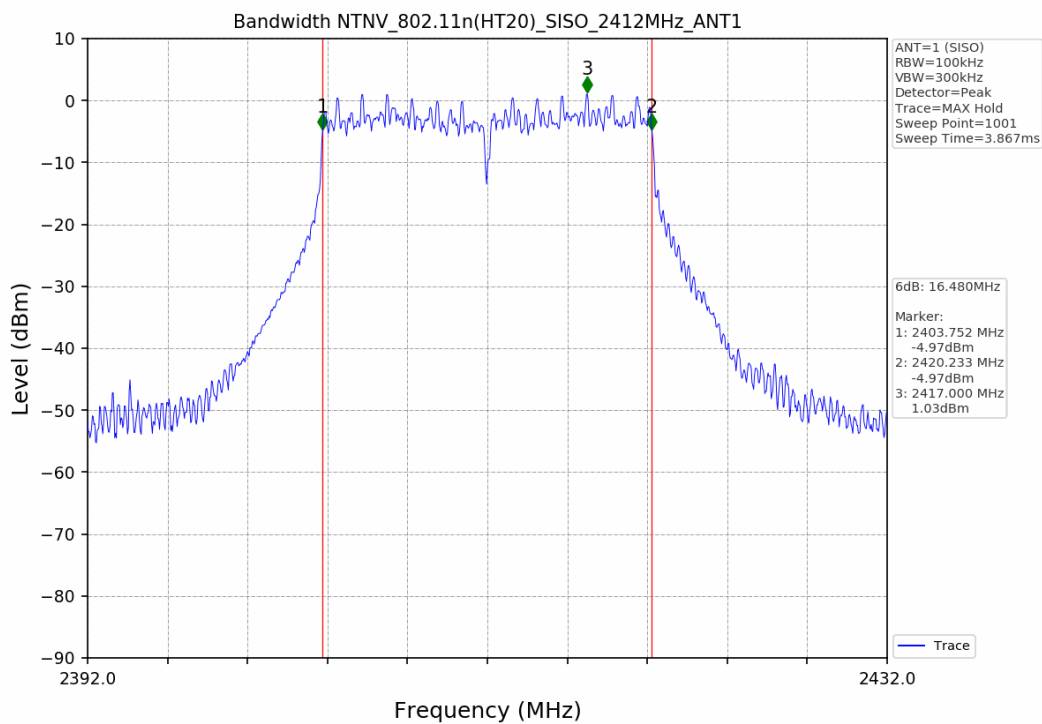
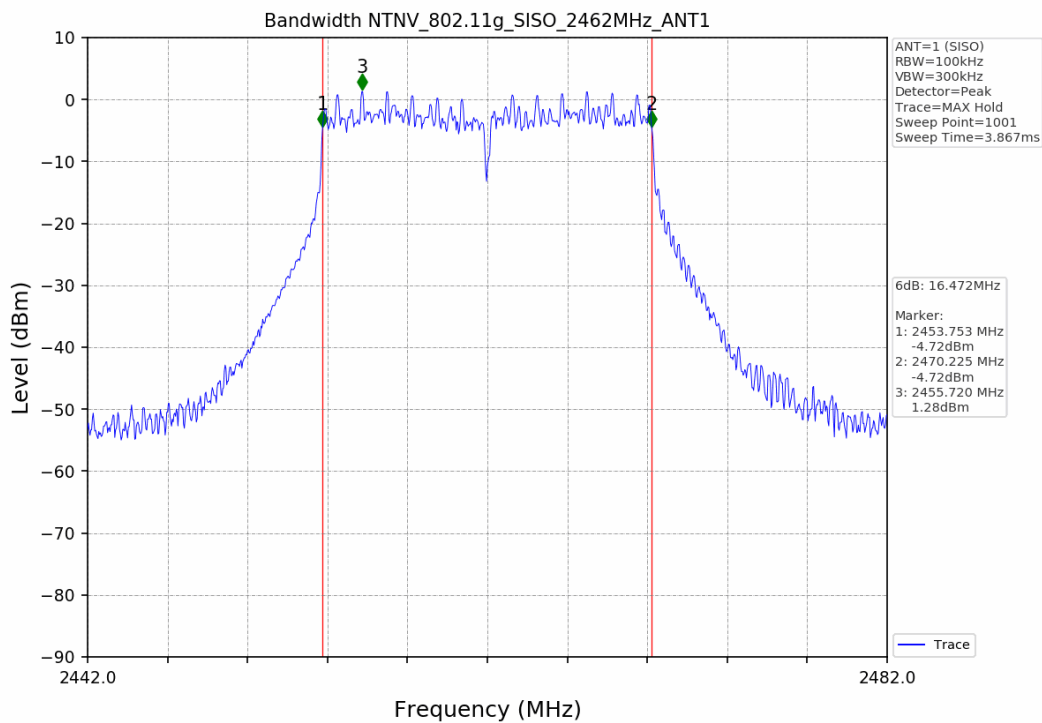
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	14.879	Only for Report Use
	2437	SISO	1	14.893	Only for Report Use
	2462	SISO	1	14.843	Only for Report Use
802.11g	2412	SISO	1	16.784	Only for Report Use
	2437	SISO	1	16.609	Only for Report Use
	2462	SISO	1	16.694	Only for Report Use
802.11n(HT20)	2412	SISO	1	16.698	Only for Report Use
	2437	SISO	1	17.778	Only for Report Use
	2462	SISO	1	17.757	Only for Report Use
802.11n(HT40)	2422	SISO	1	36.598	Only for Report Use
	2437	SISO	1	36.286	Only for Report Use
	2452	SISO	1	36.273	Only for Report Use

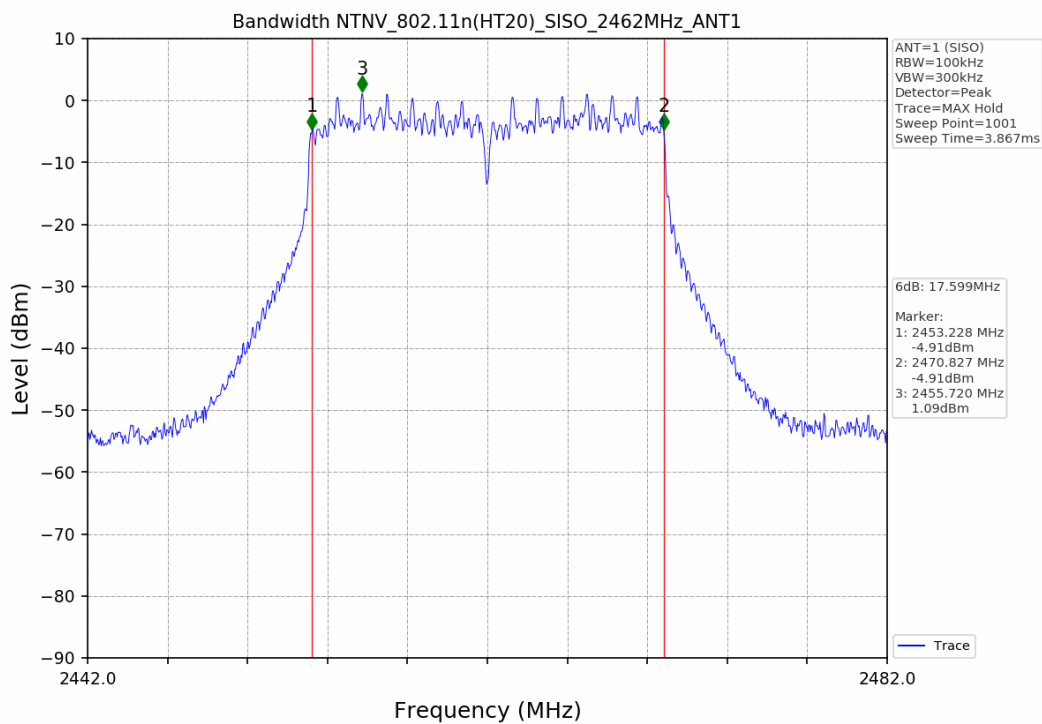
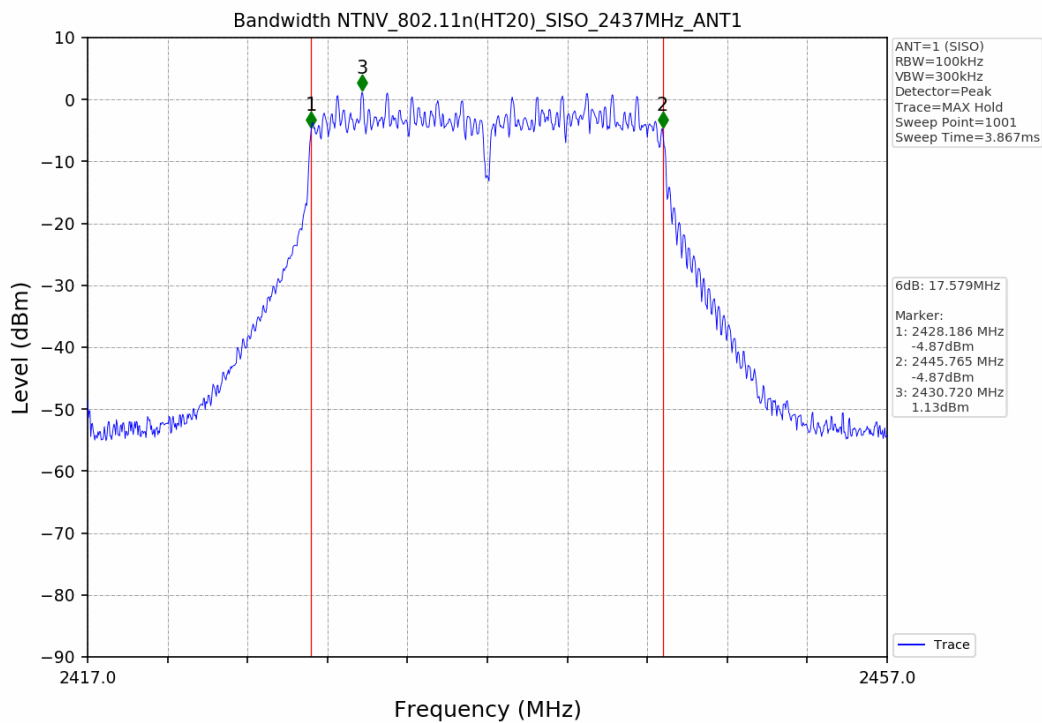
1.2 Test Graph - 6dB Bandwidth

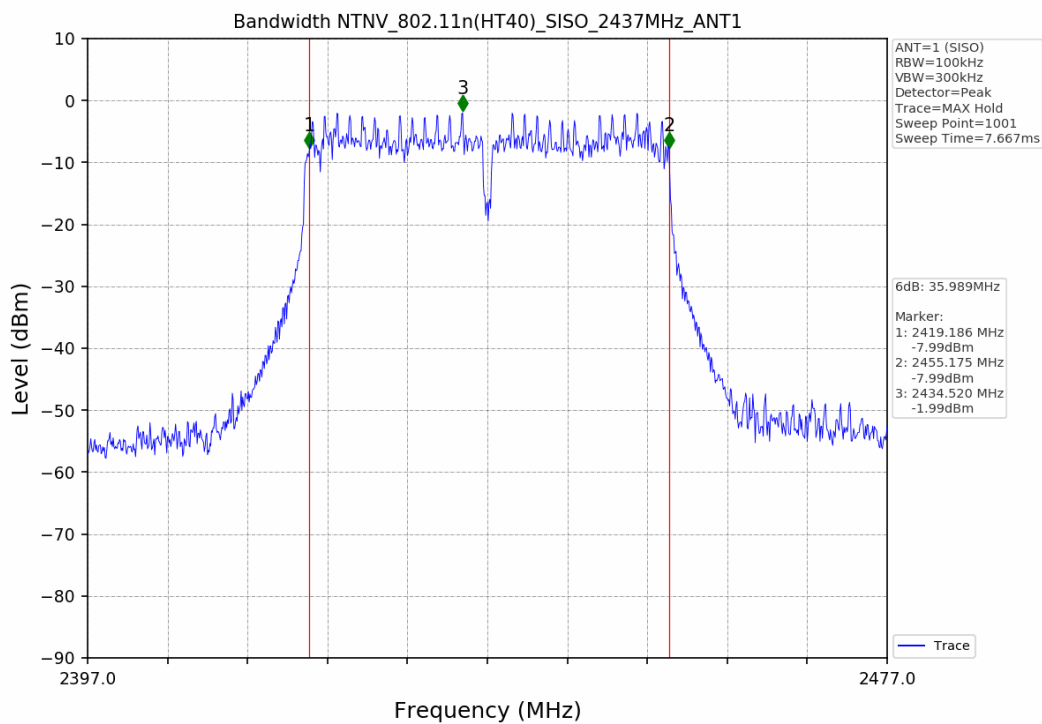
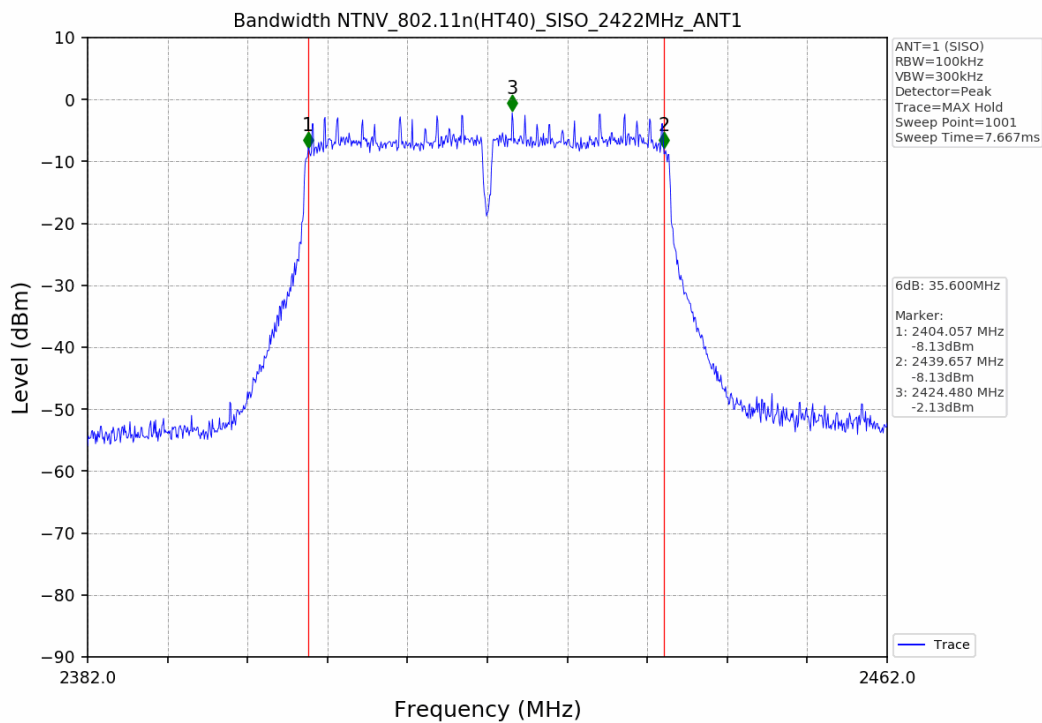


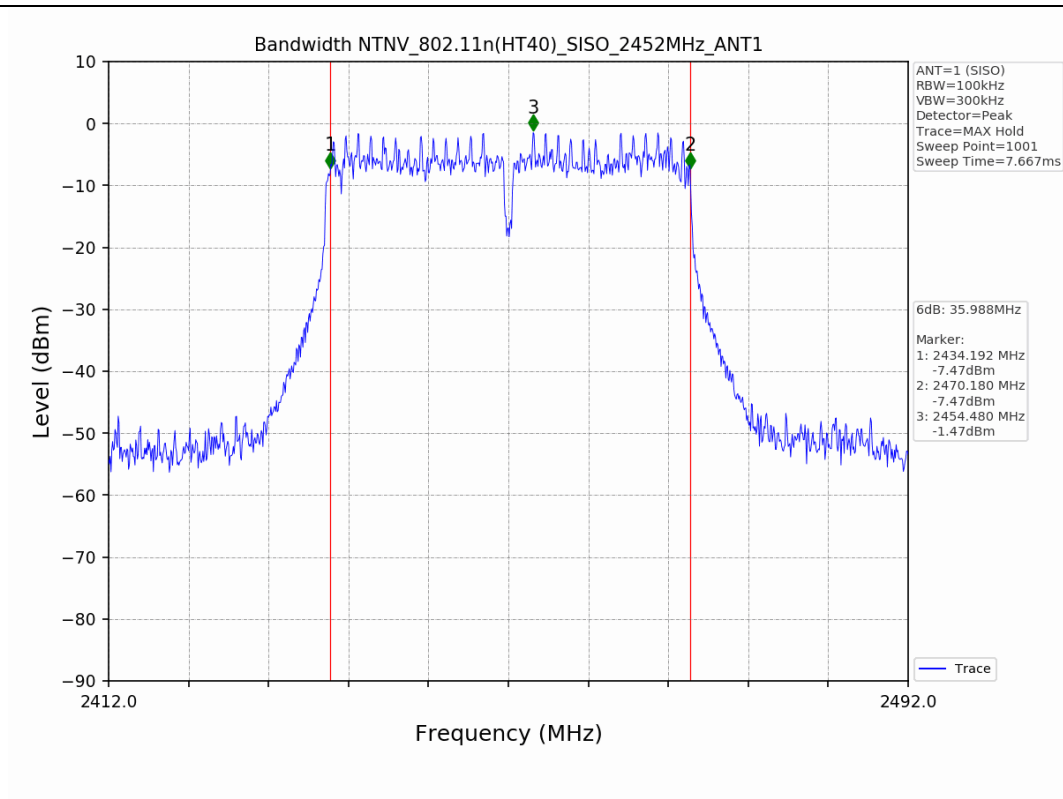




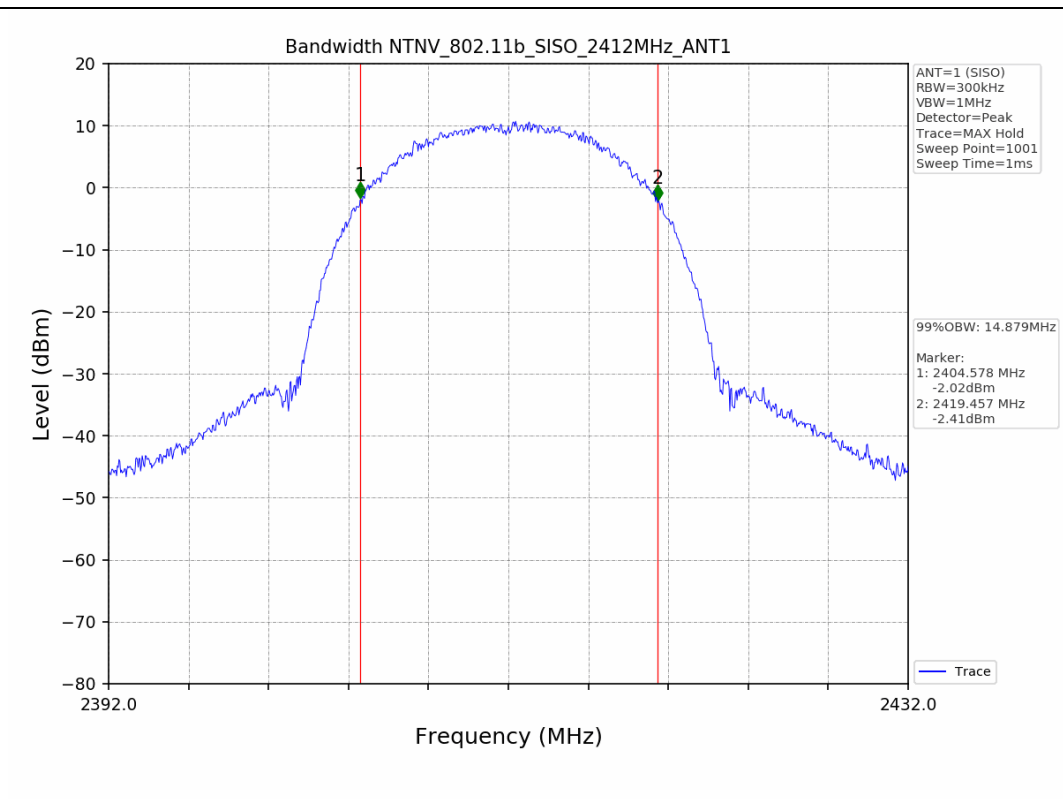


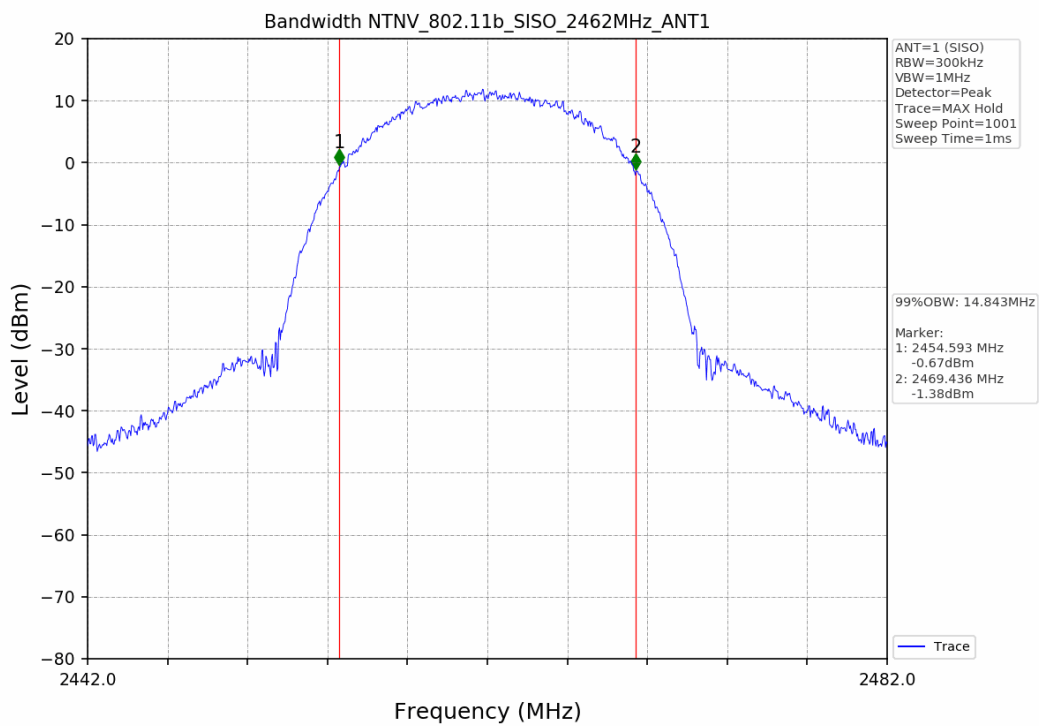
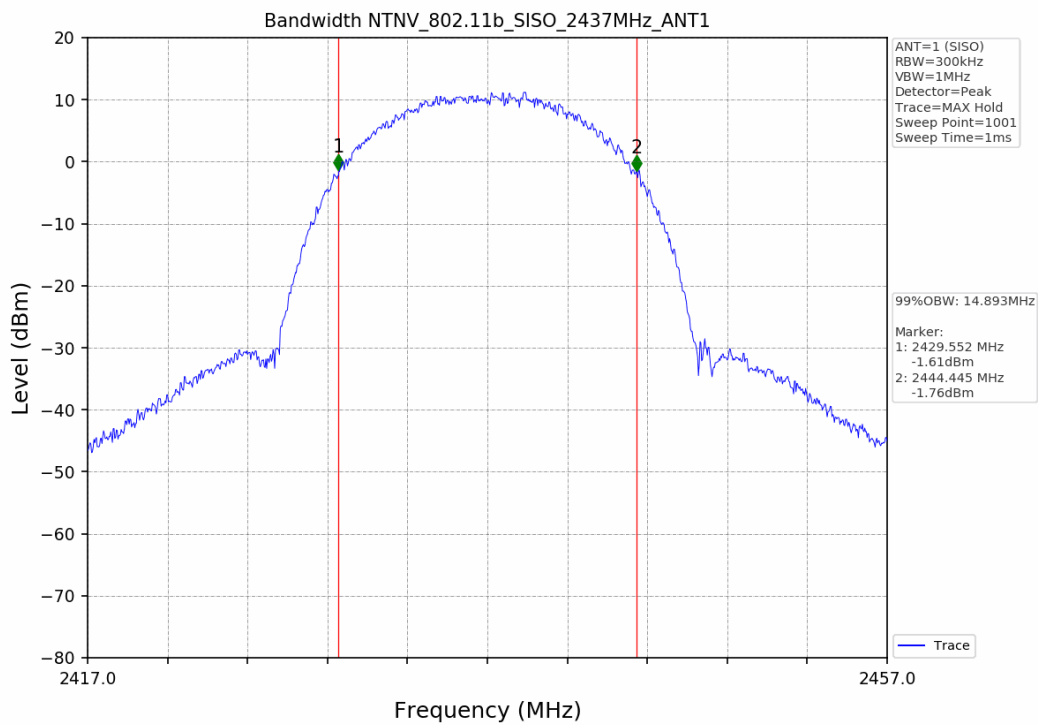


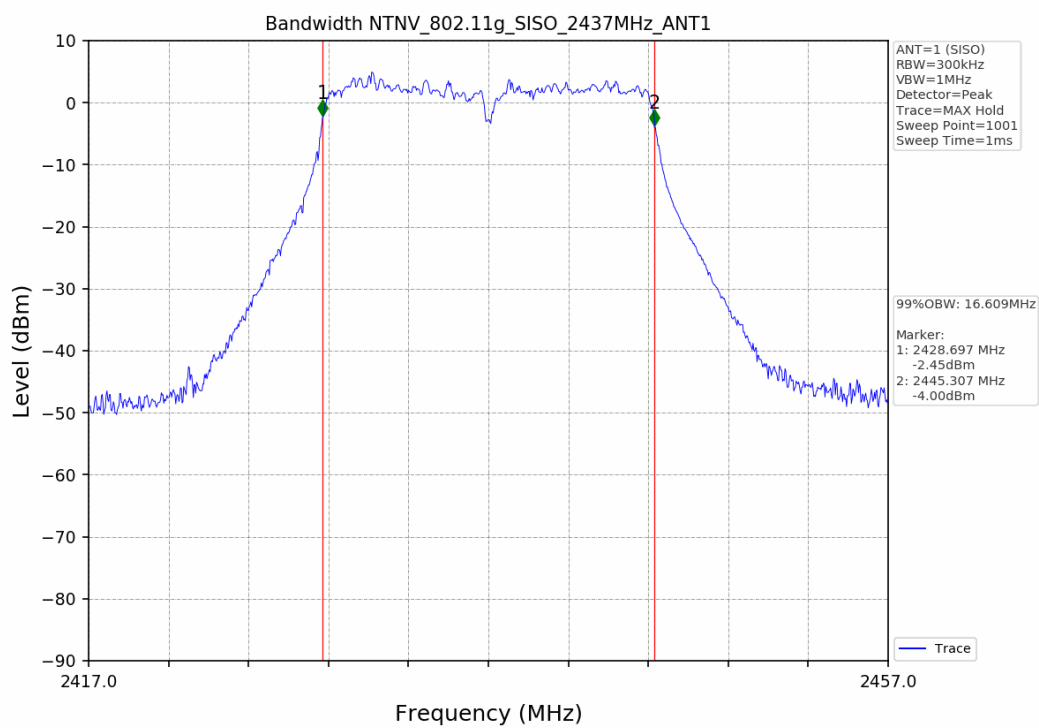
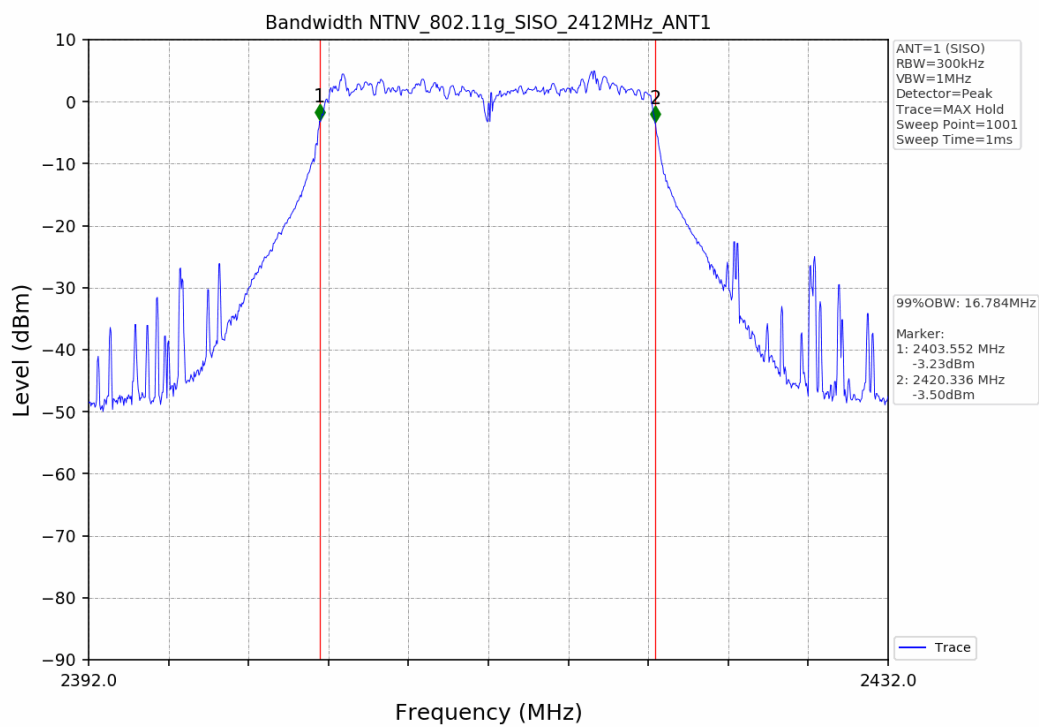


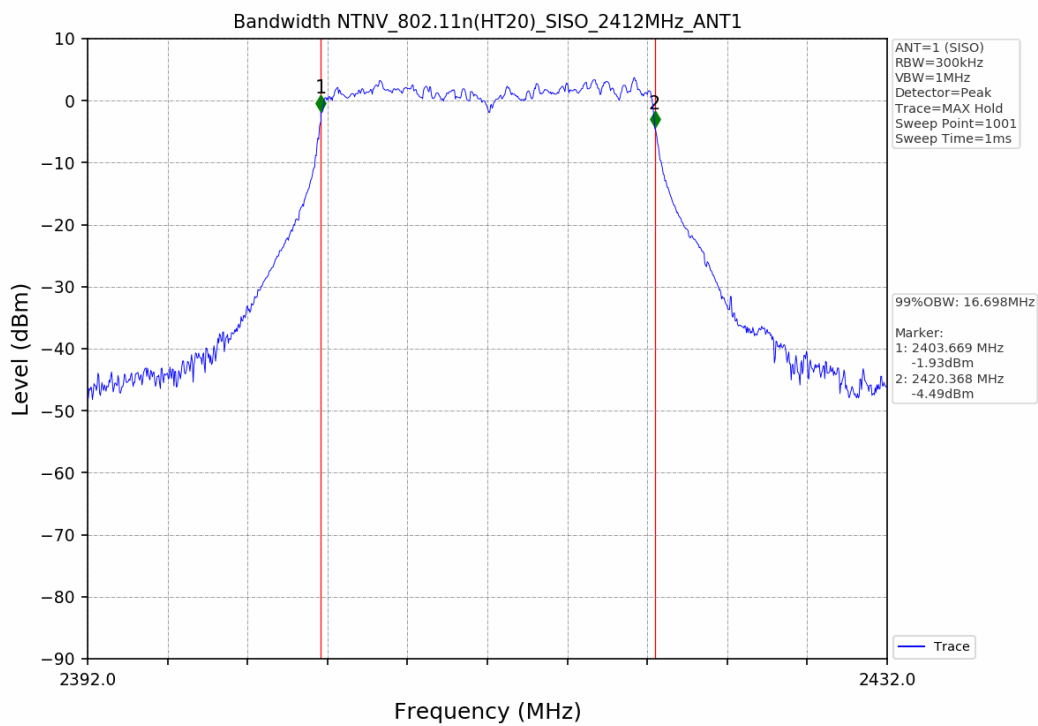
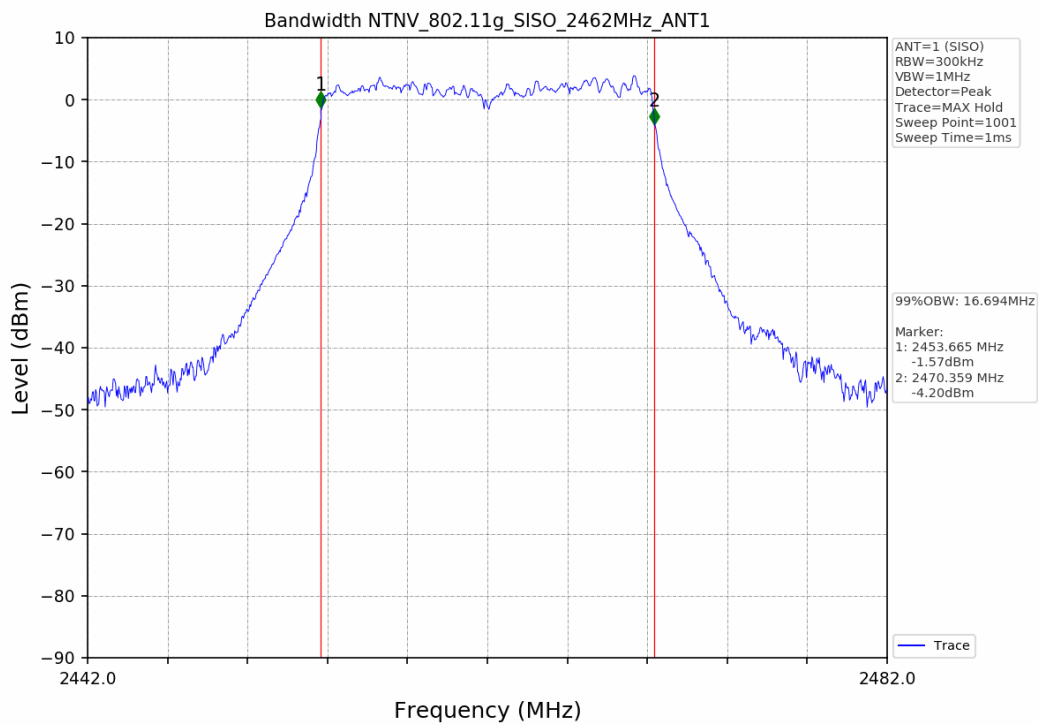


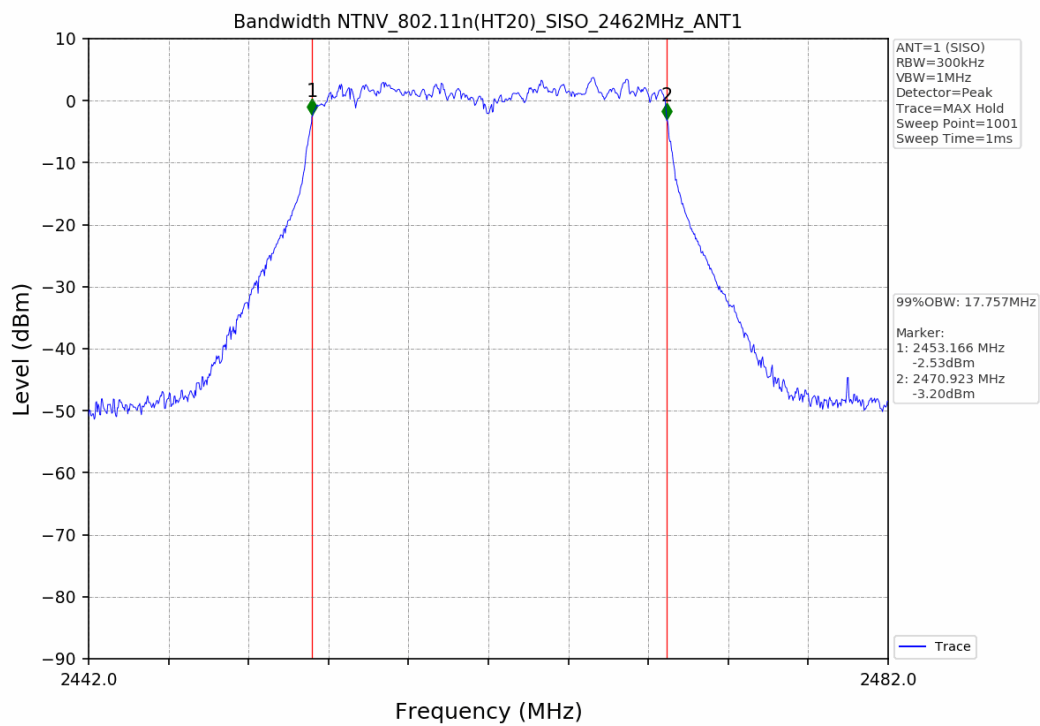
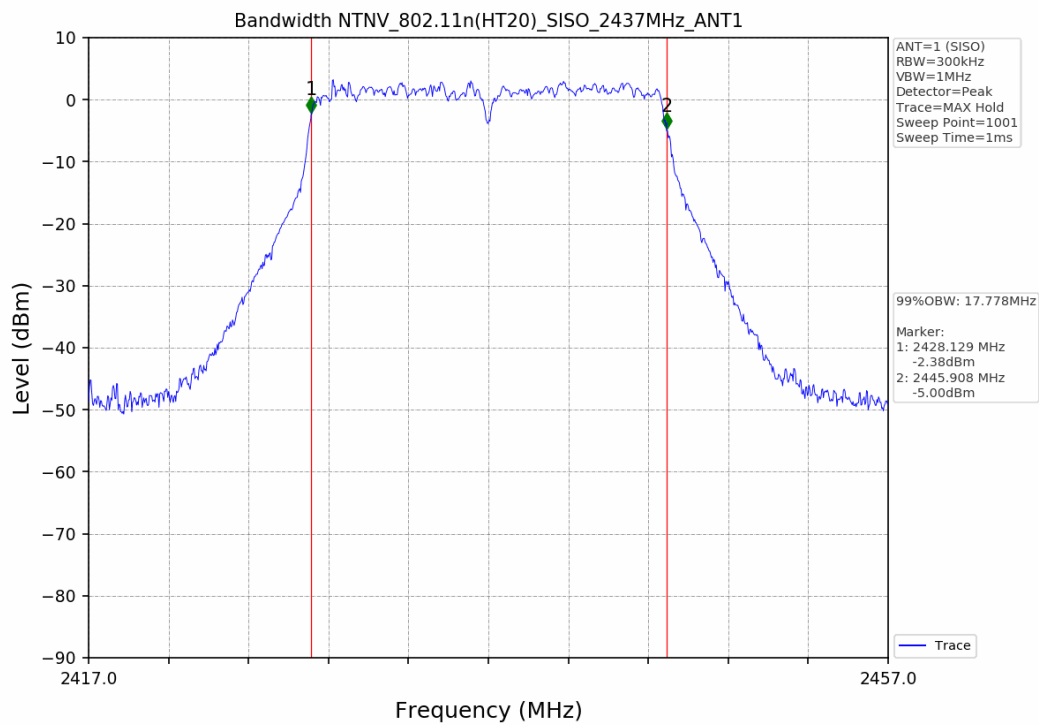
1.3 Test Graph - 99% Occupied Bandwidth

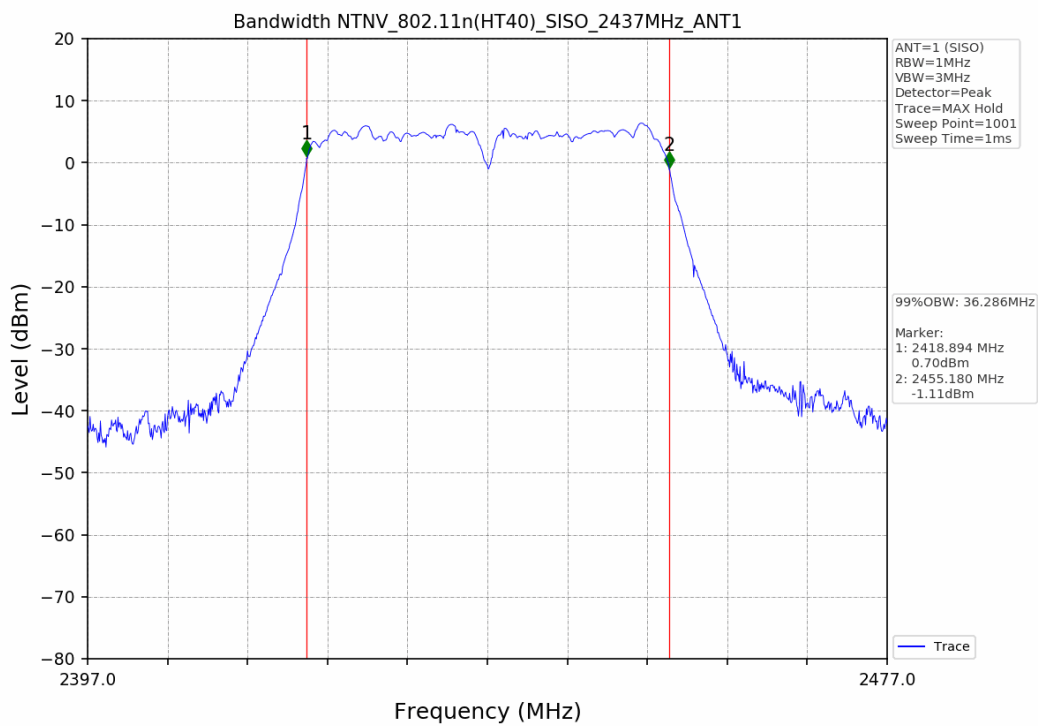
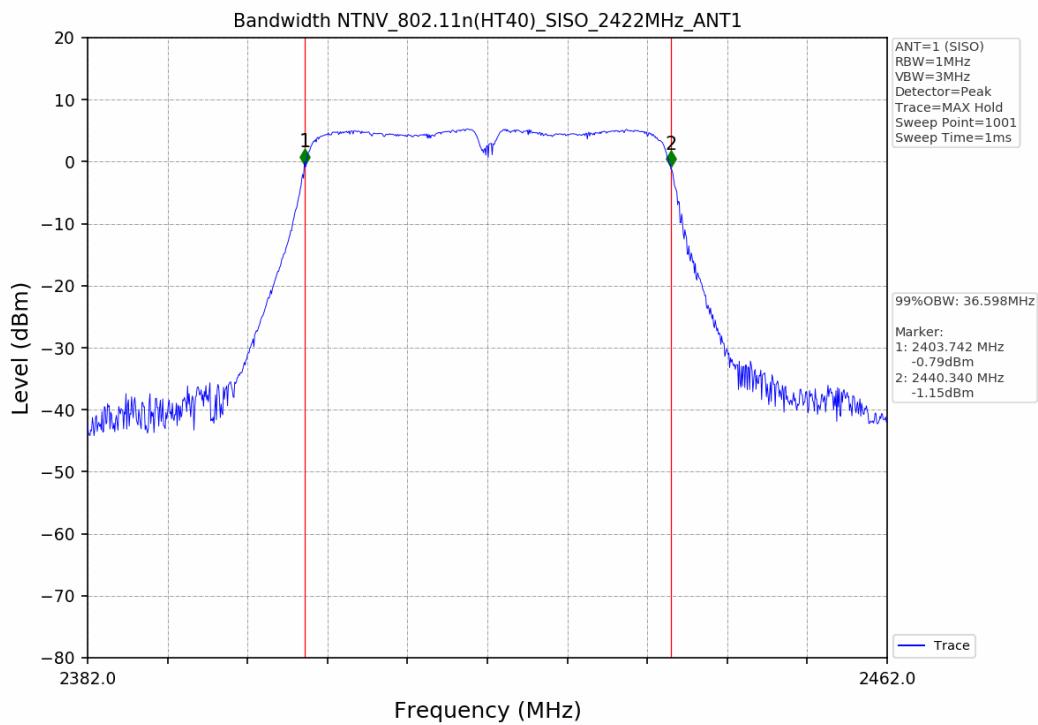


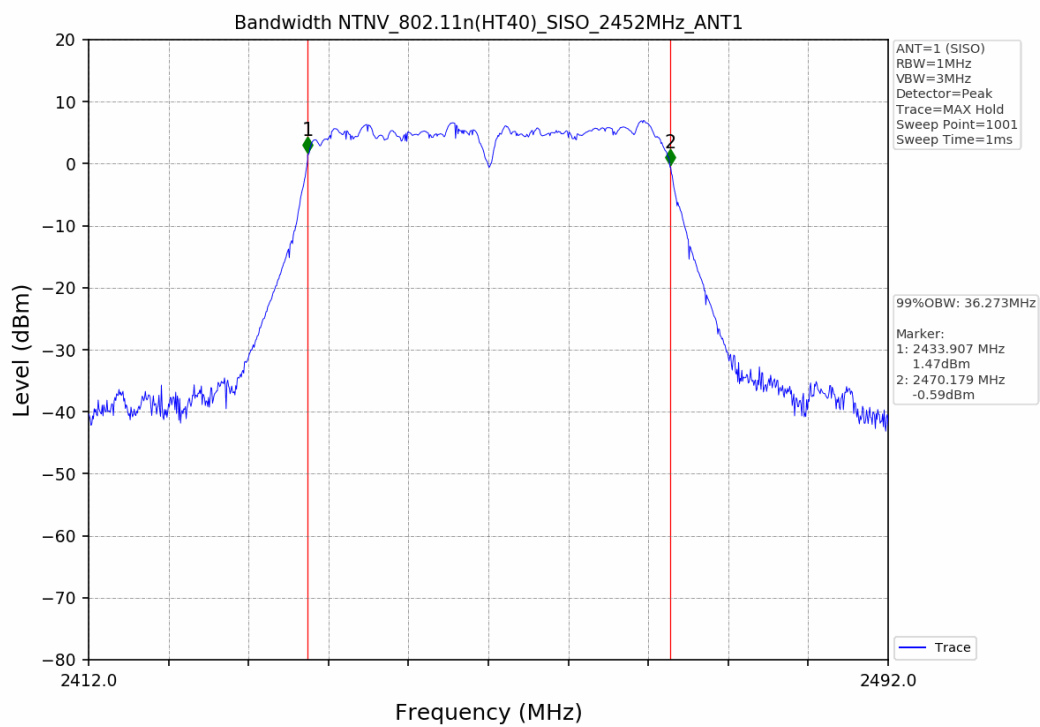










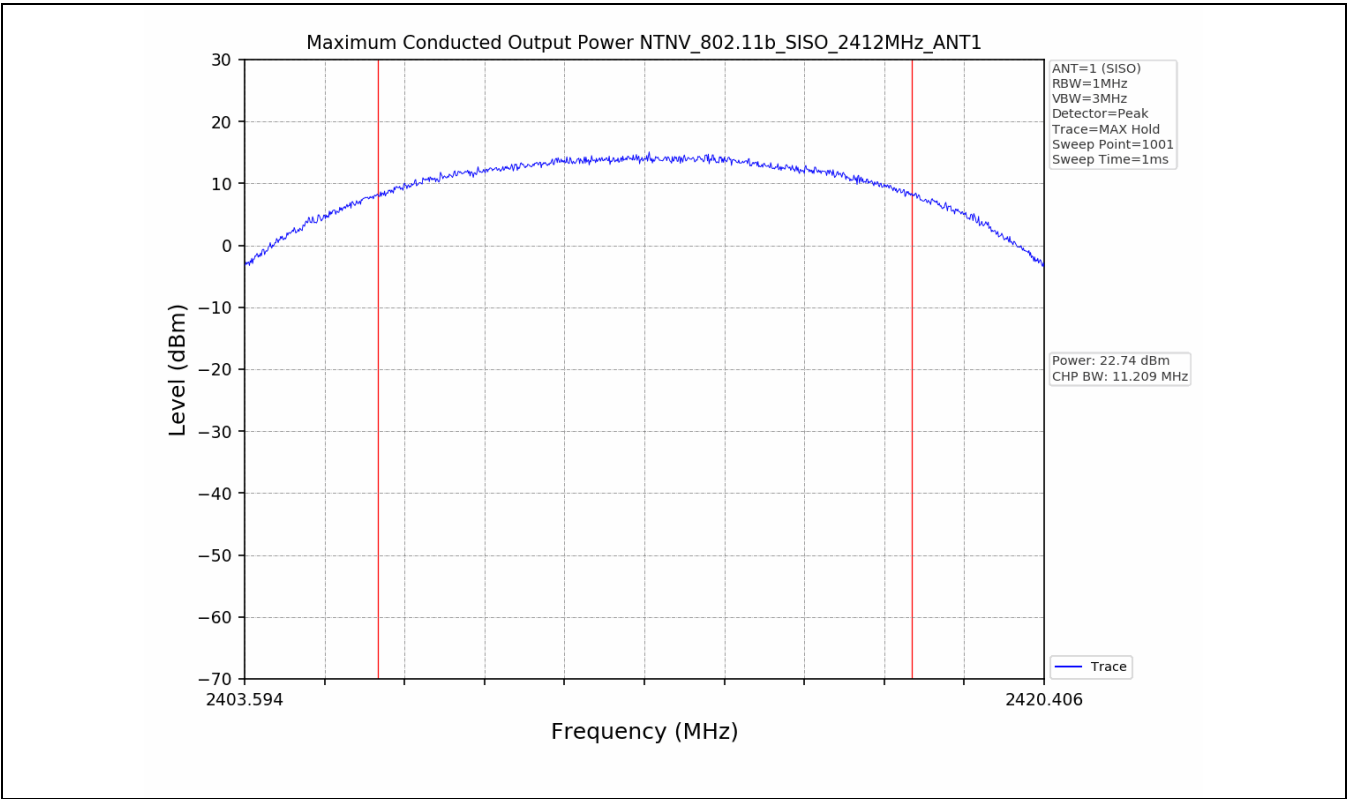


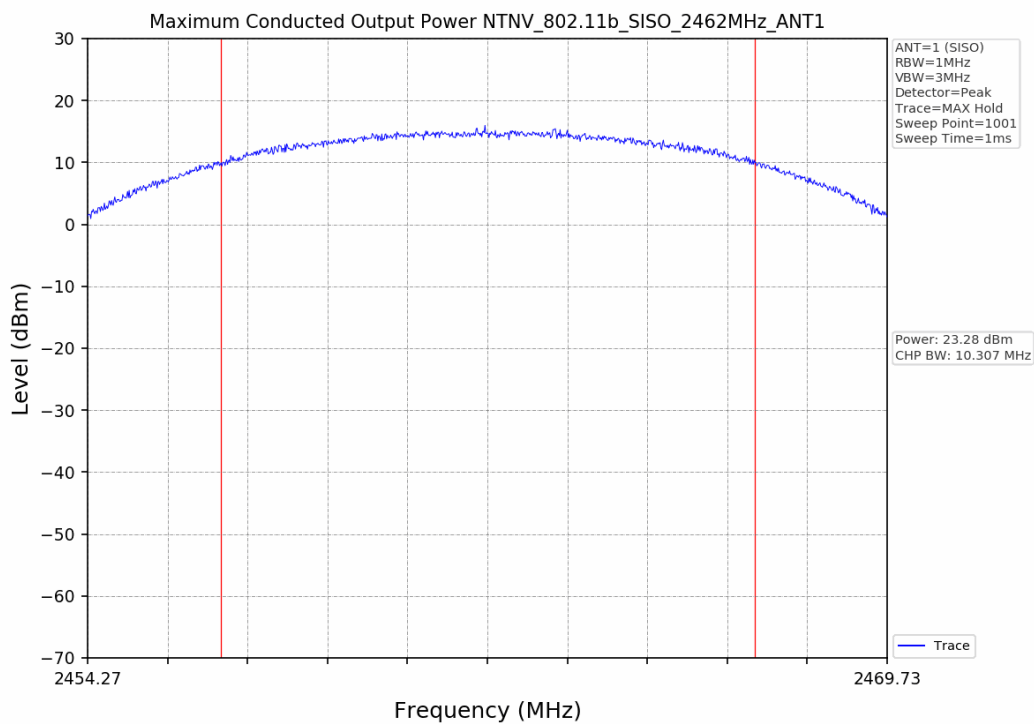
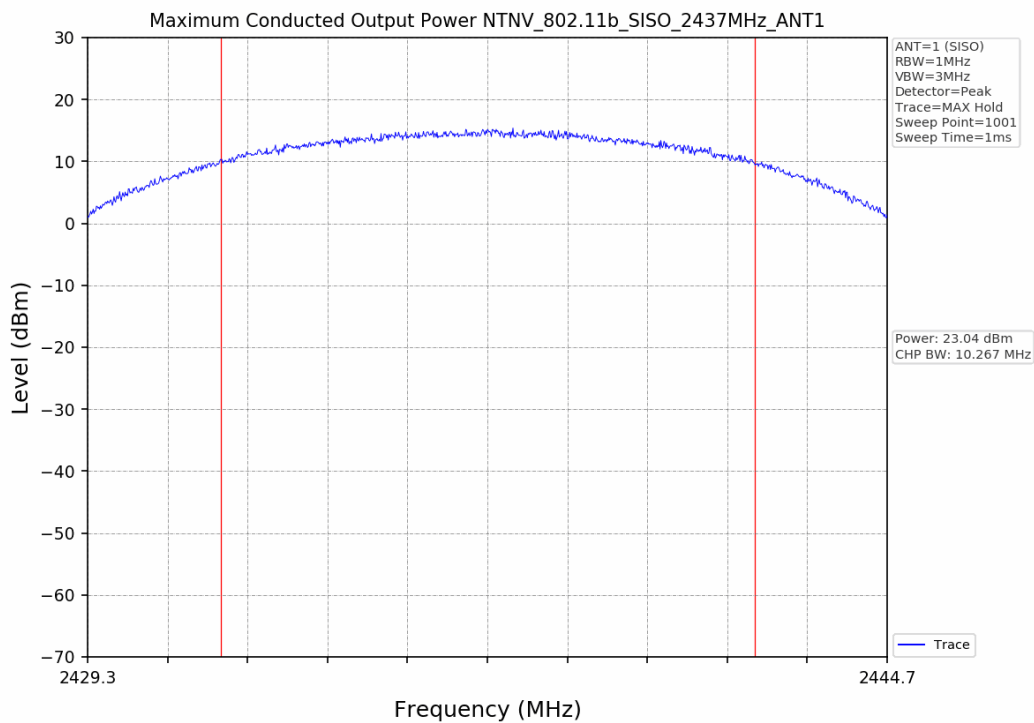
2. Maximum Conducted Output Power

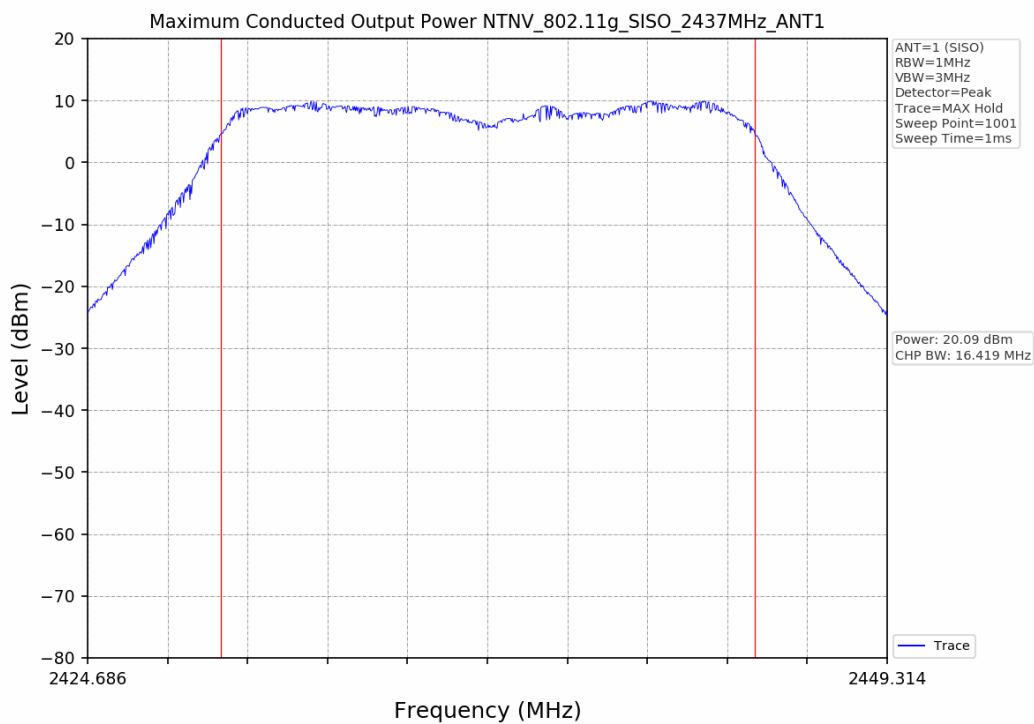
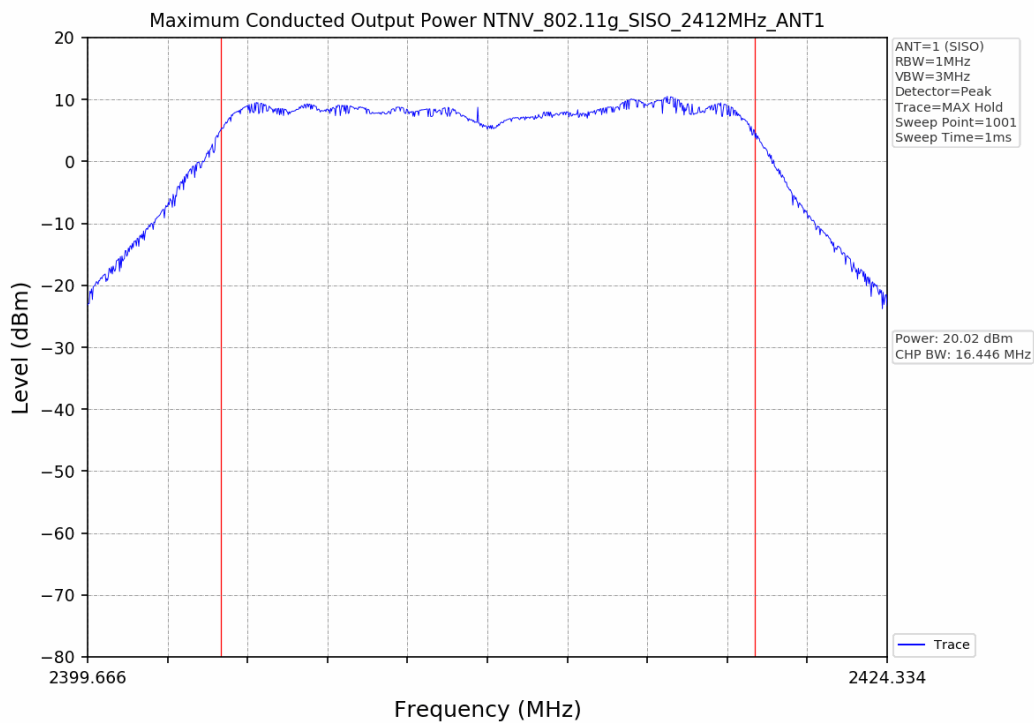
2.1 Test Result

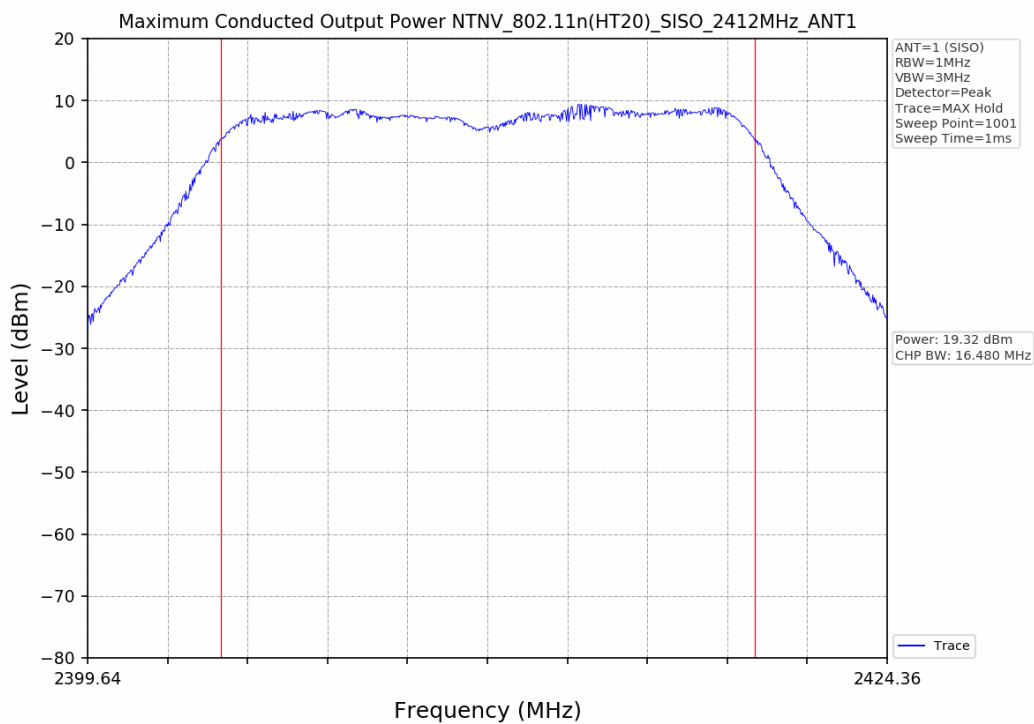
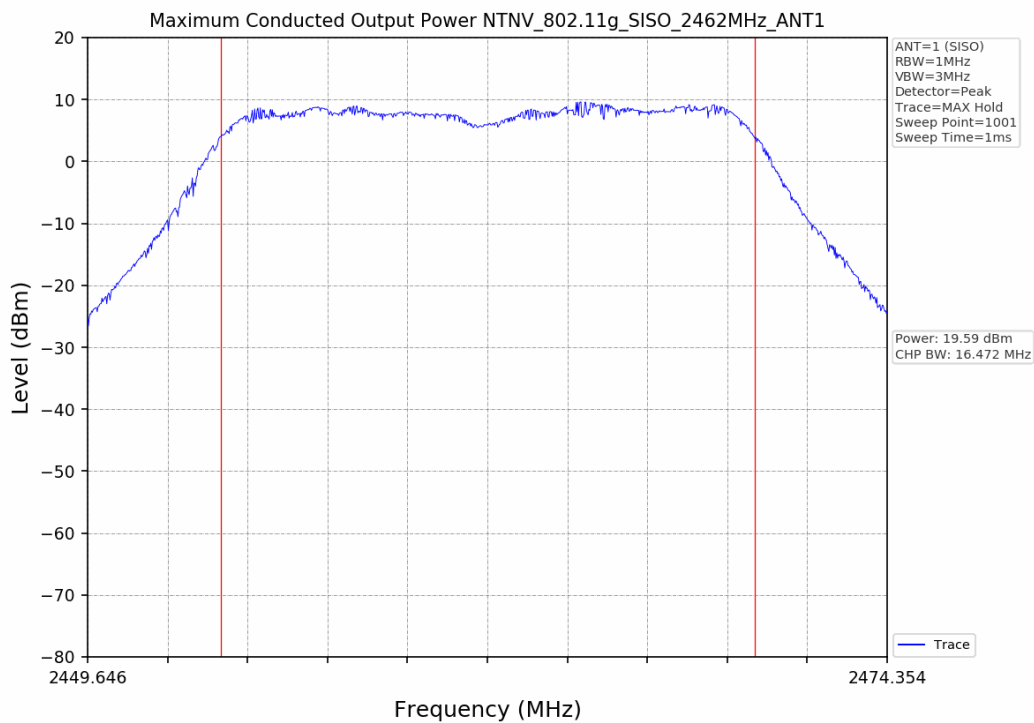
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
802.11b	2412	SISO	22.74	30	PASS
	2437	SISO	23.04	30	PASS
	2462	SISO	23.28	30	PASS
802.11g	2412	SISO	20.02	30	PASS
	2437	SISO	20.09	30	PASS
	2462	SISO	19.59	30	PASS
802.11n(HT20)	2412	SISO	19.32	30	PASS
	2437	SISO	19.52	30	PASS
	2462	SISO	19.52	30	PASS
802.11n(HT40)	2422	SISO	19.38	30	PASS
	2437	SISO	19.46	30	PASS
	2452	SISO	19.97	30	PASS

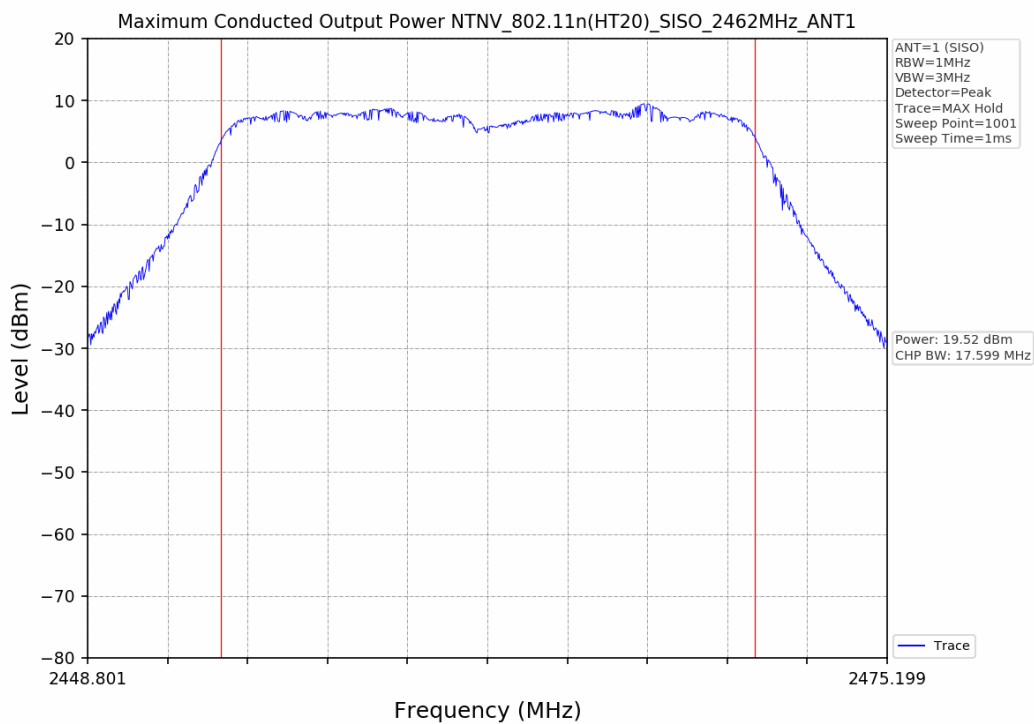
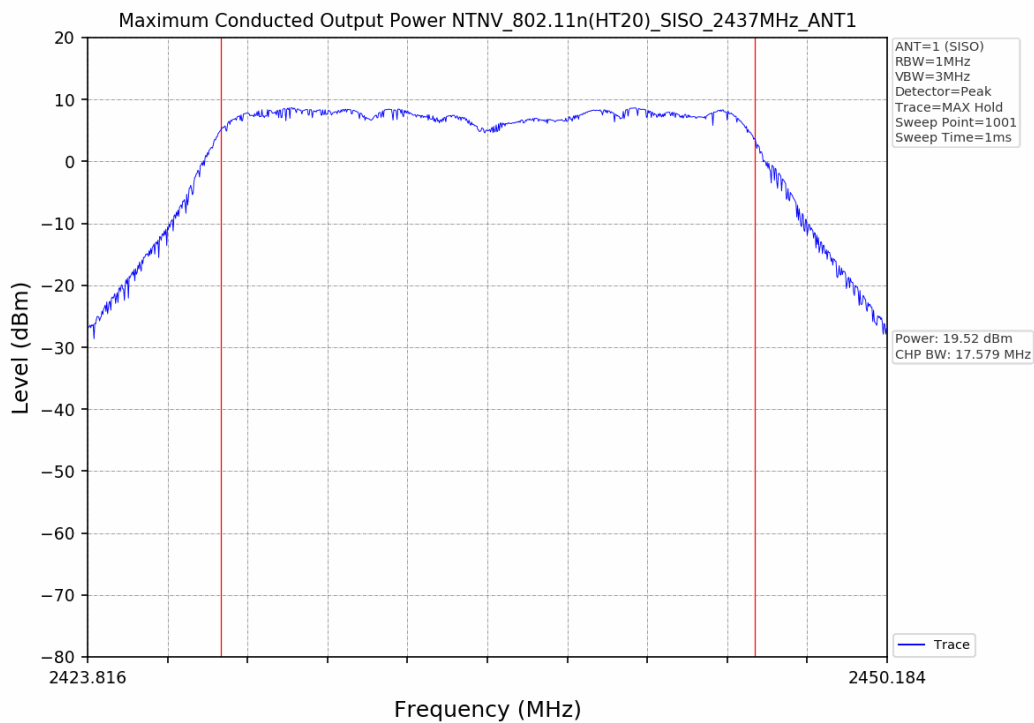
3.2 Test Graph

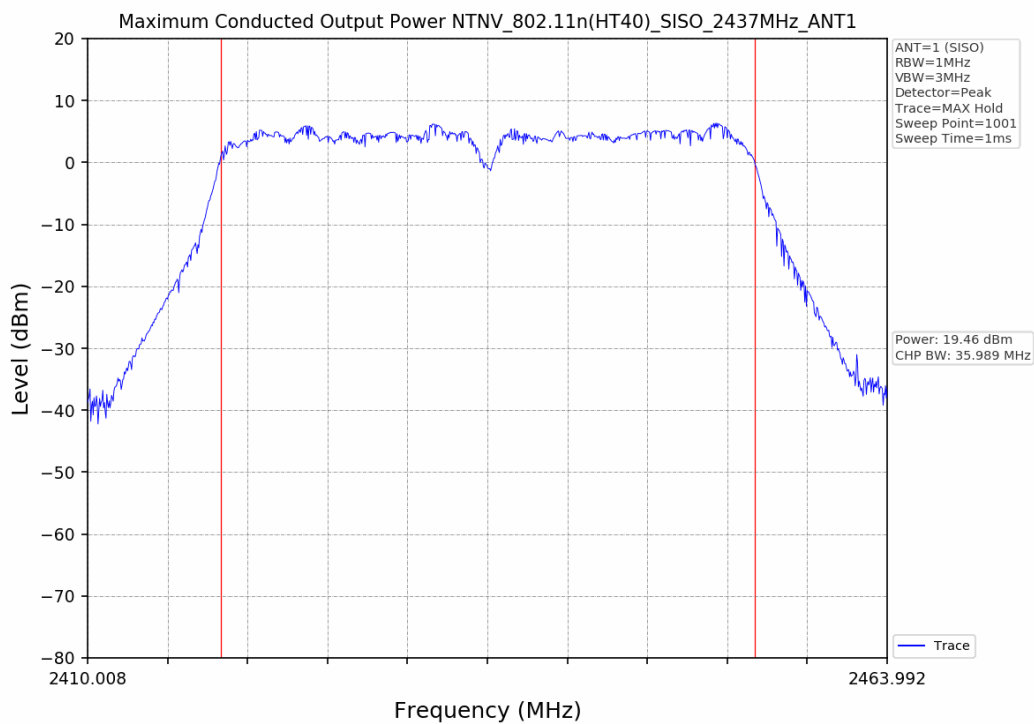
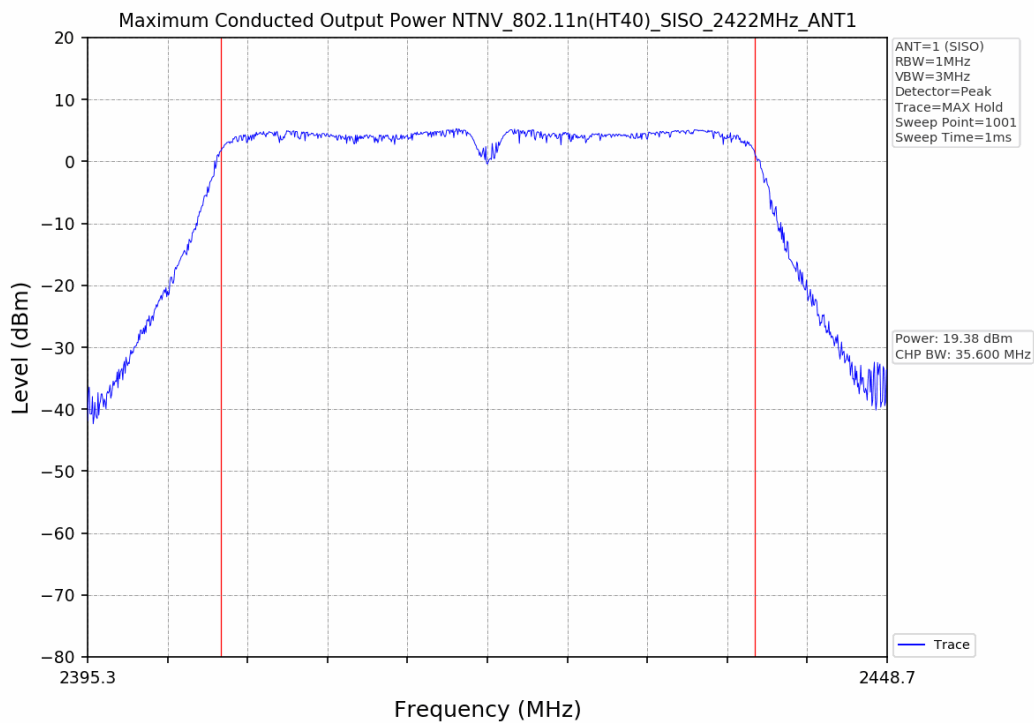


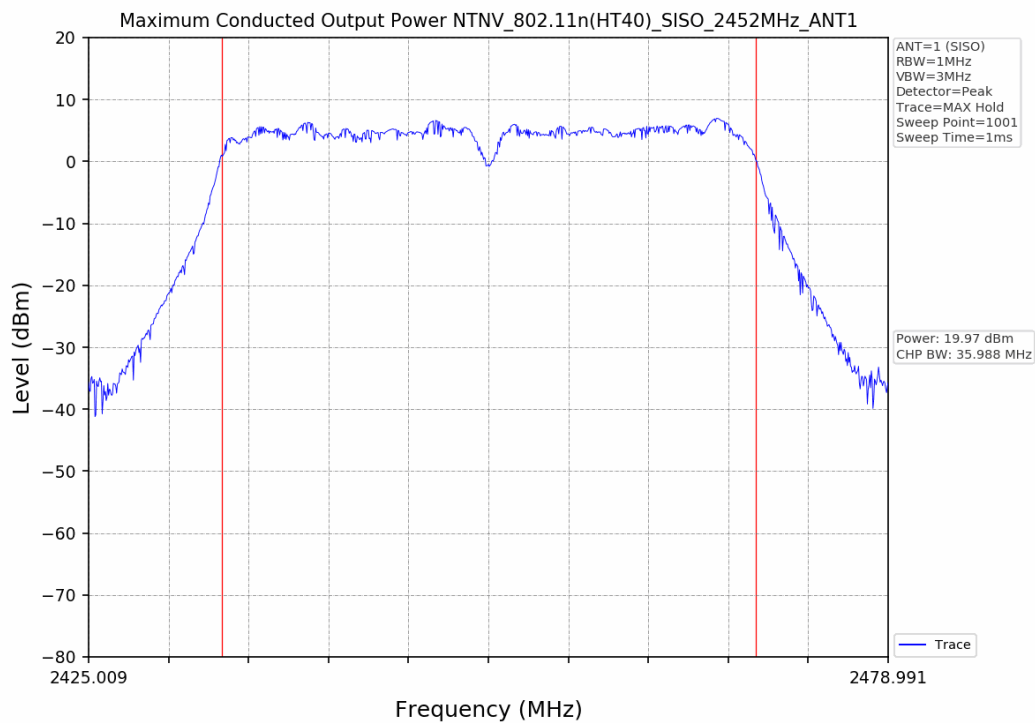










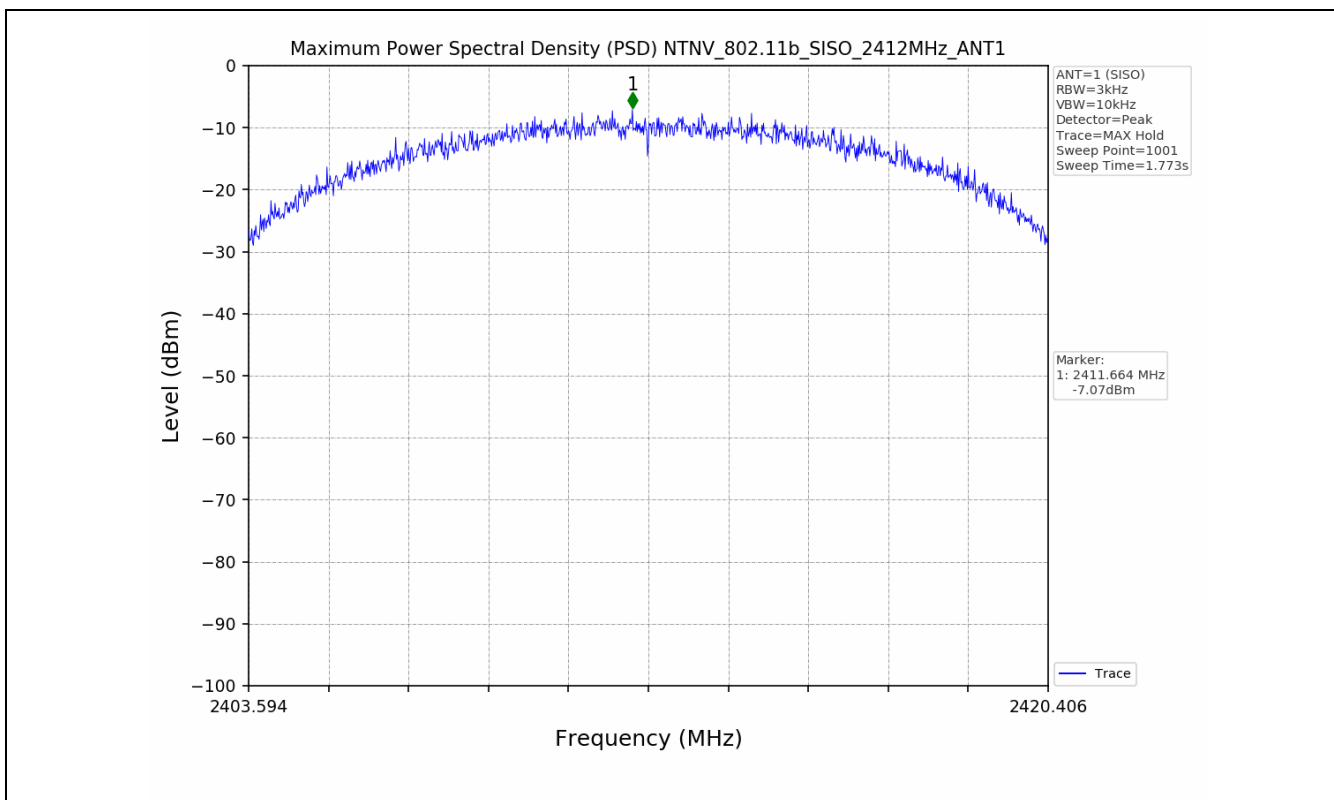


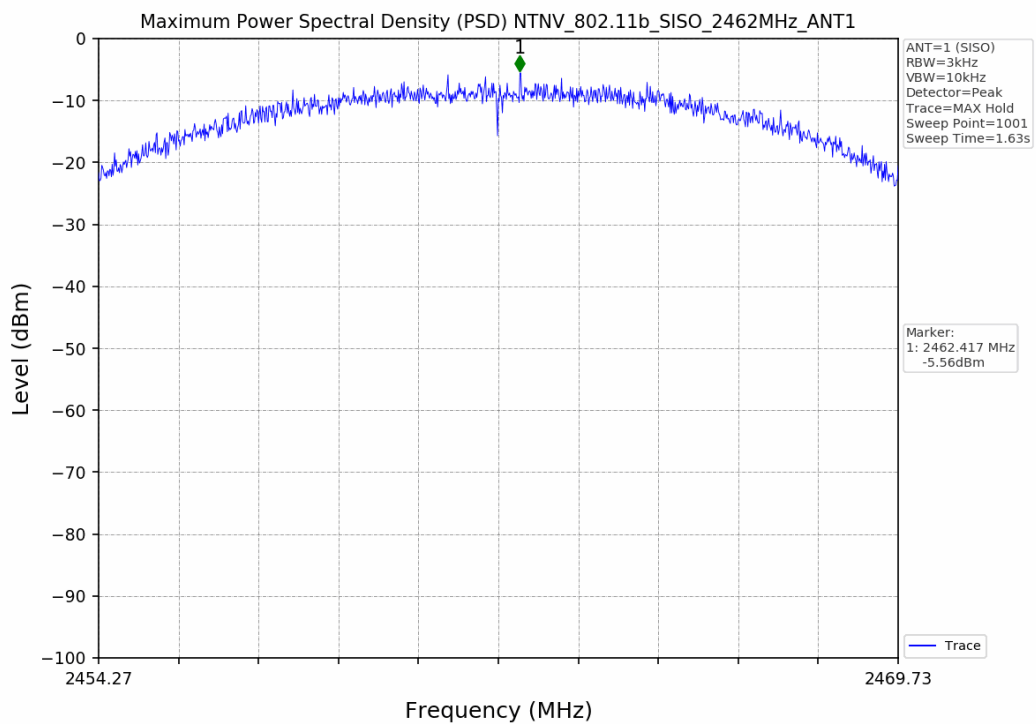
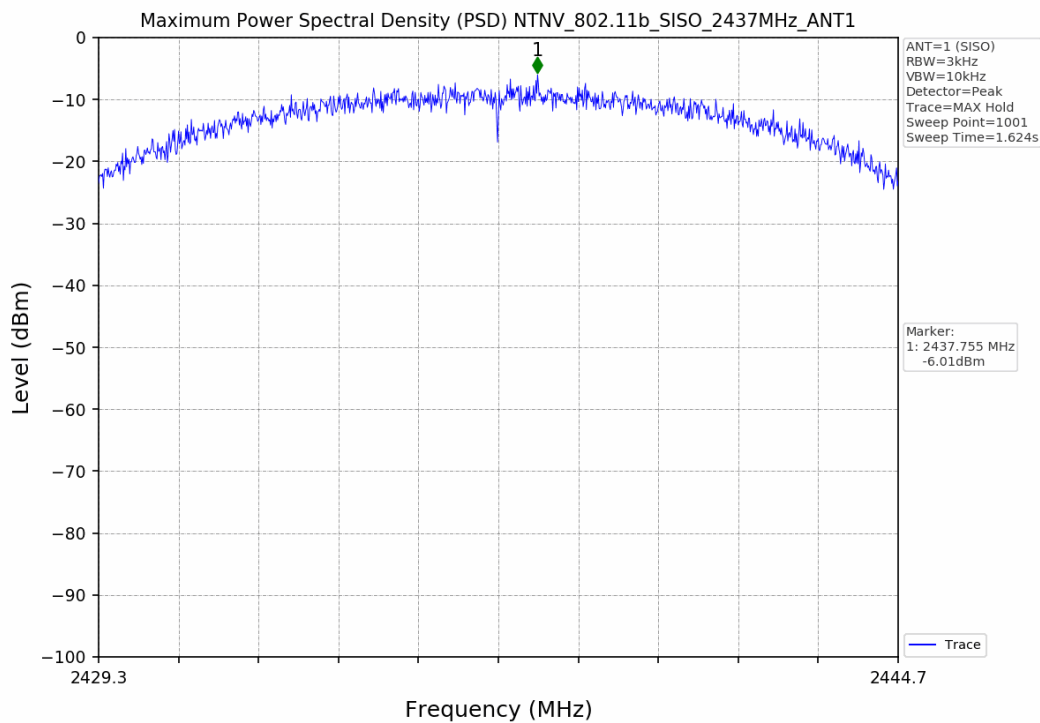
4. Maximum Power Spectral Density (PSD)

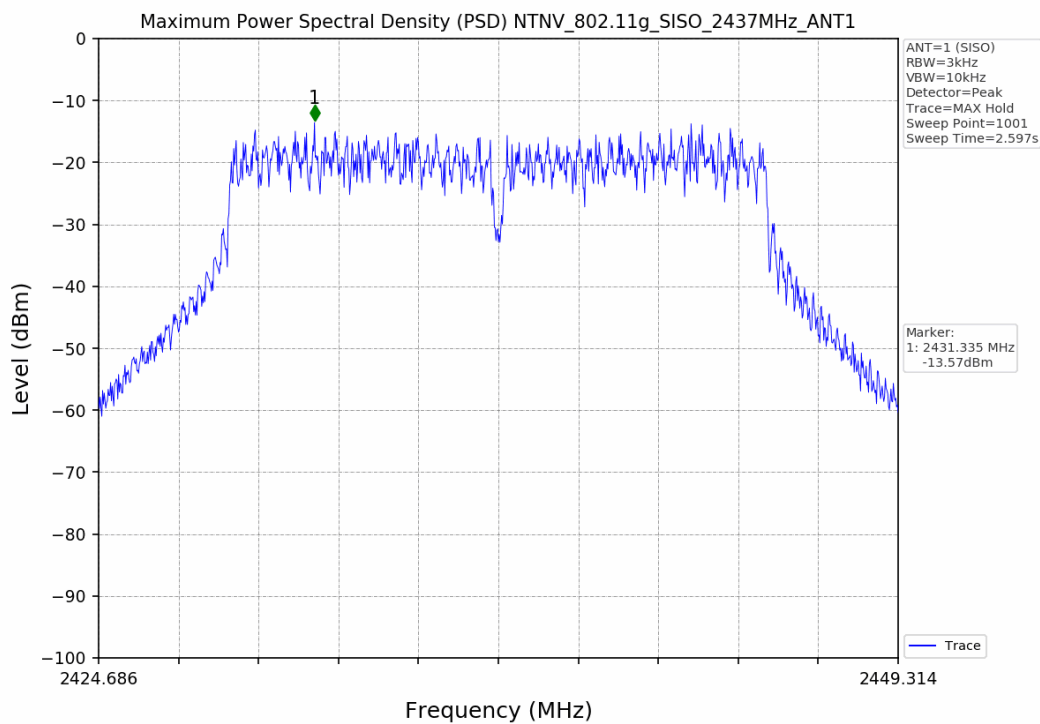
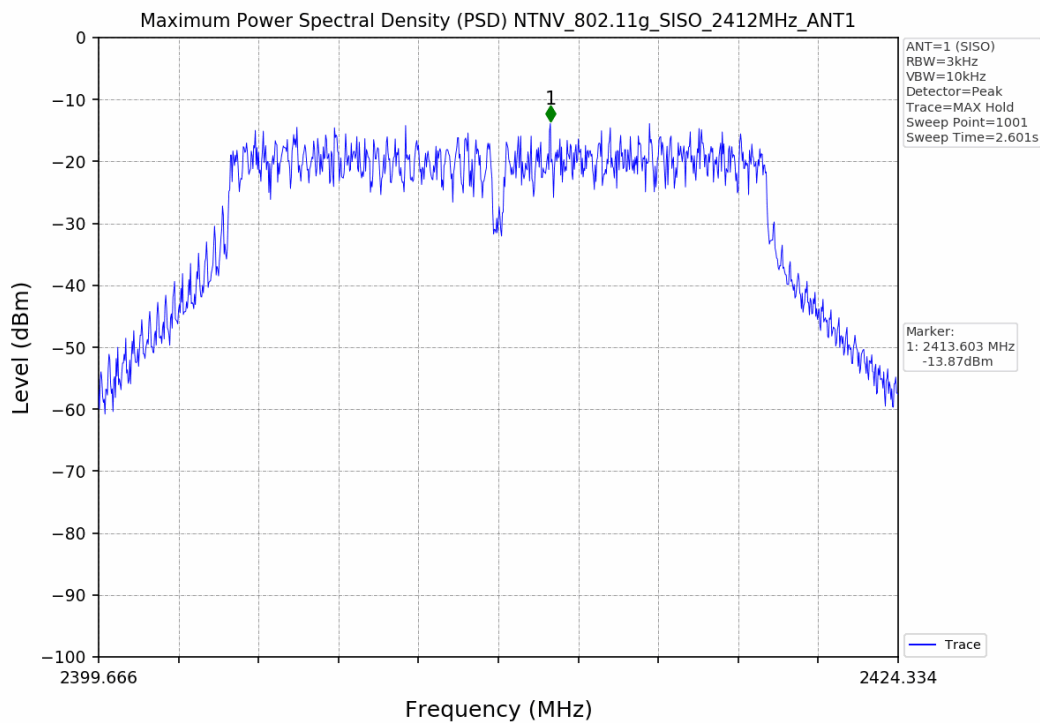
4.1 Test Result

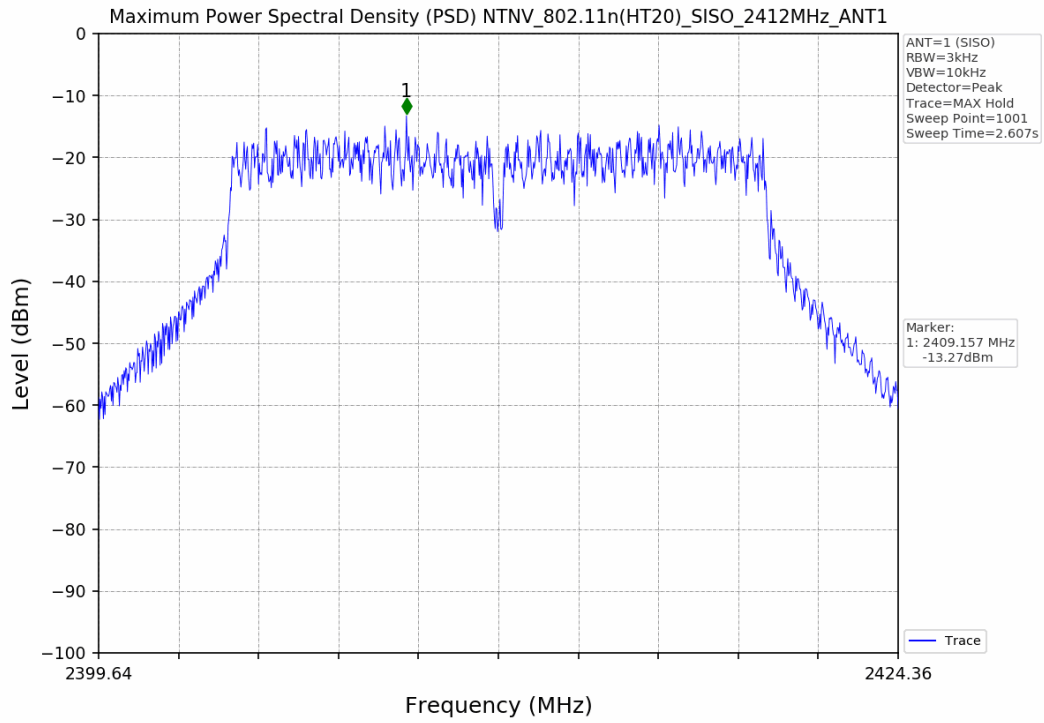
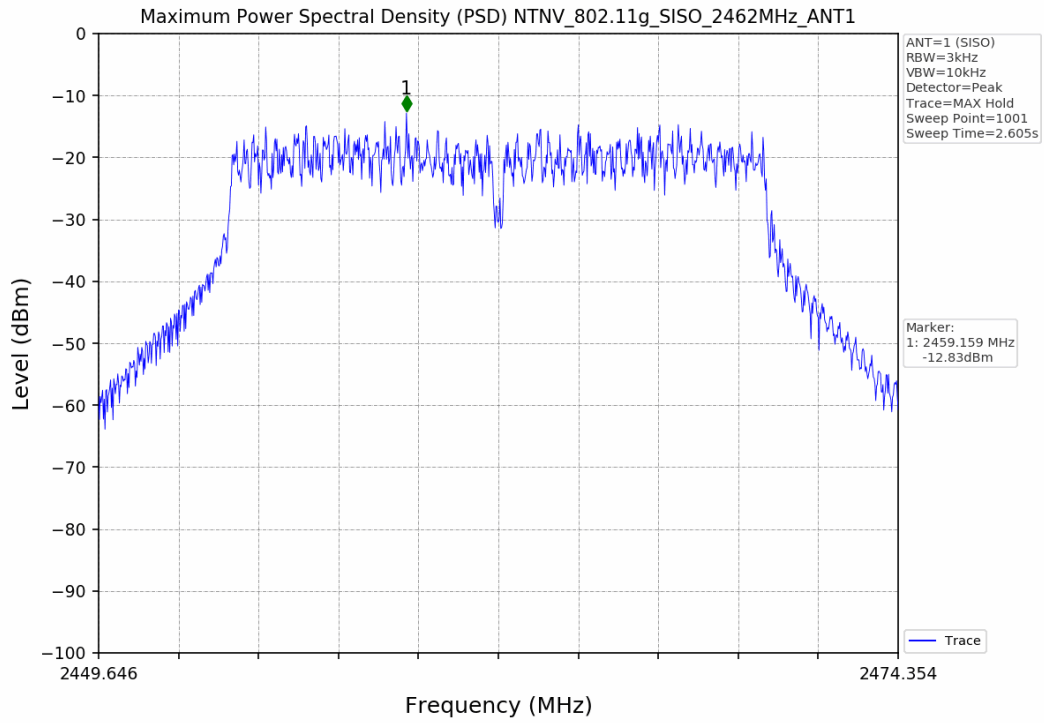
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
802.11b	2412	SISO	-7.07	≤8	PASS
	2437	SISO	-6.01	≤8	PASS
	2462	SISO	-5.56	≤8	PASS
802.11g	2412	SISO	-13.87	≤8	PASS
	2437	SISO	-13.57	≤8	PASS
	2462	SISO	-12.83	≤8	PASS
802.11n(HT20)	2412	SISO	-13.27	≤8	PASS
	2437	SISO	-12.34	≤8	PASS
	2462	SISO	-14.16	≤8	PASS
802.11n(HT40)	2422	SISO	-16.32	≤8	PASS
	2437	SISO	-16.05	≤8	PASS
	2452	SISO	-15.15	≤8	PASS

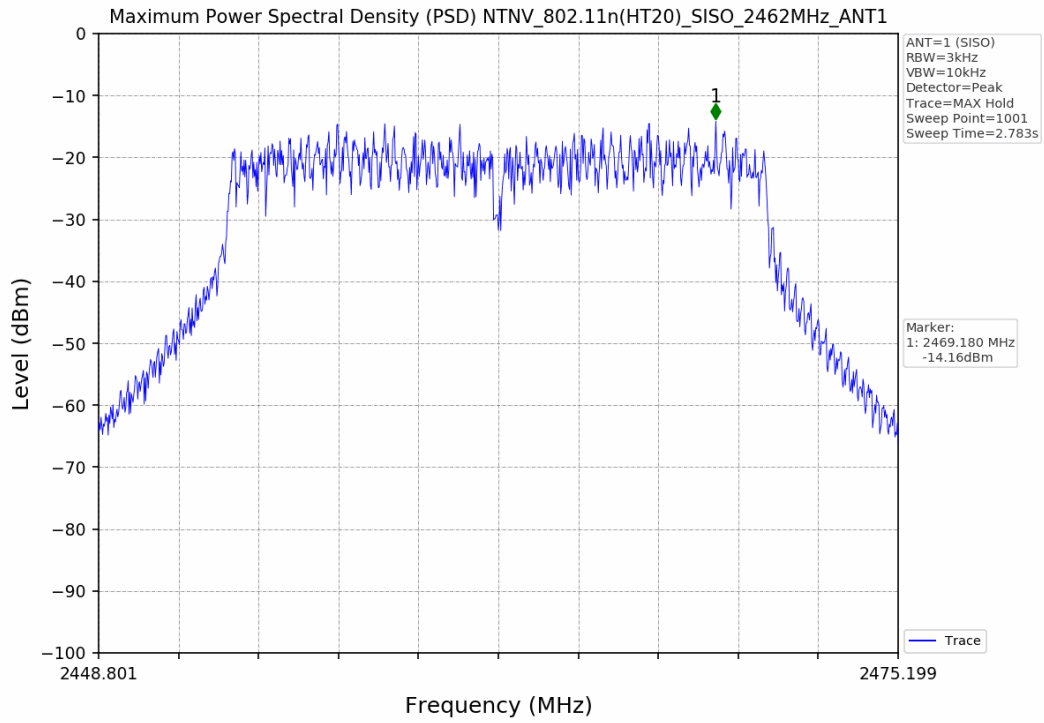
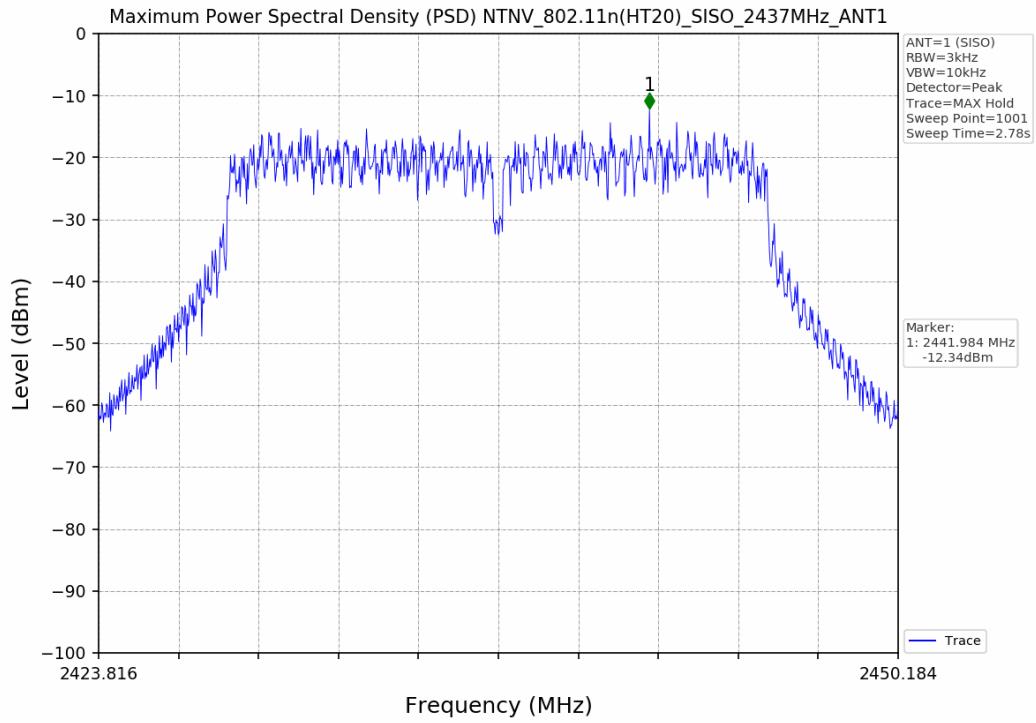
4.2 Test Graph

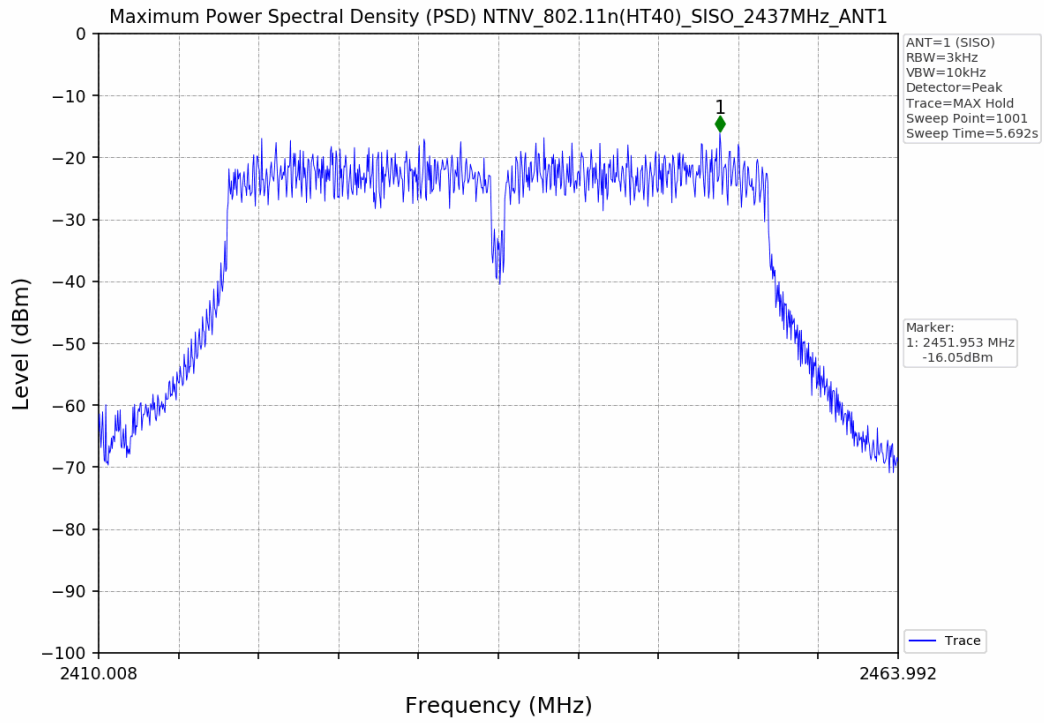
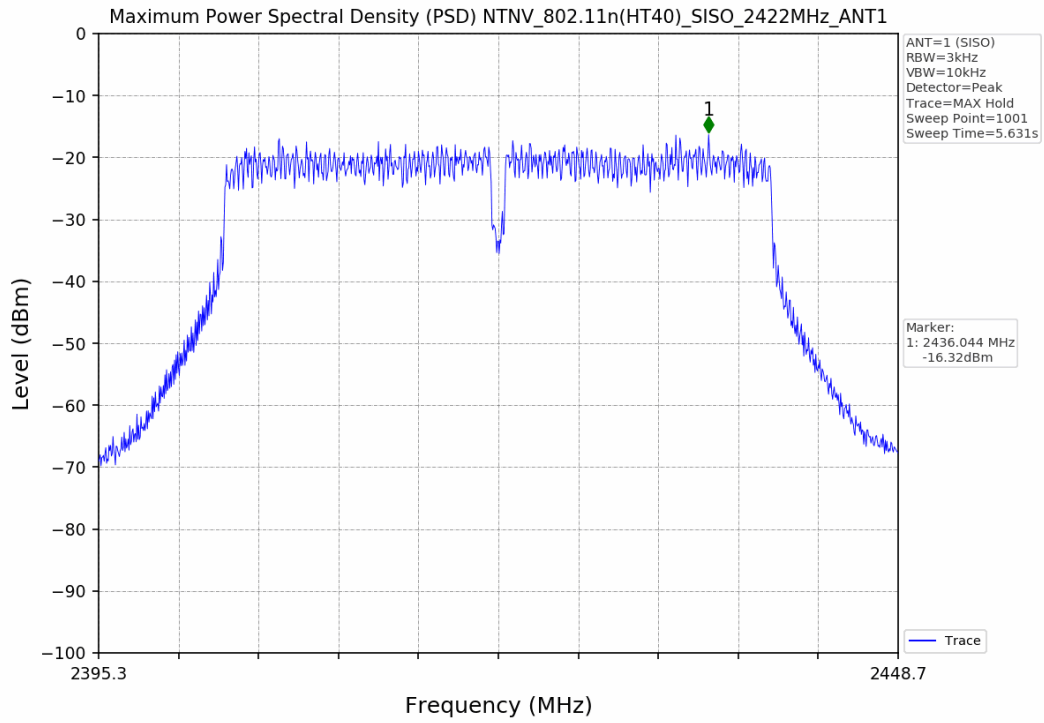


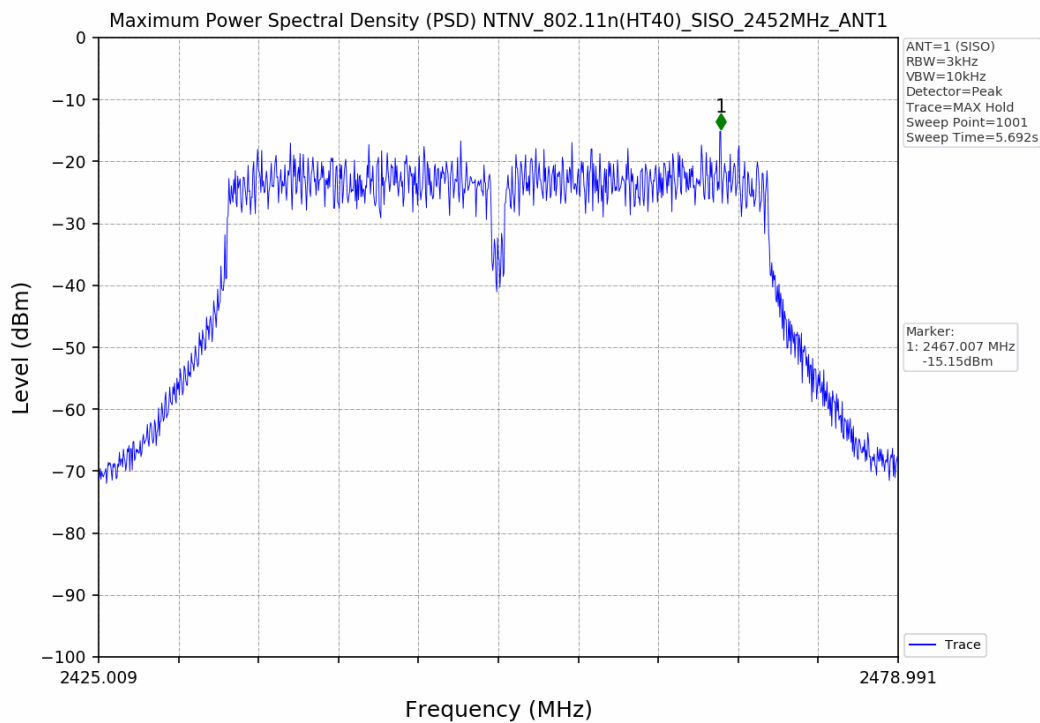










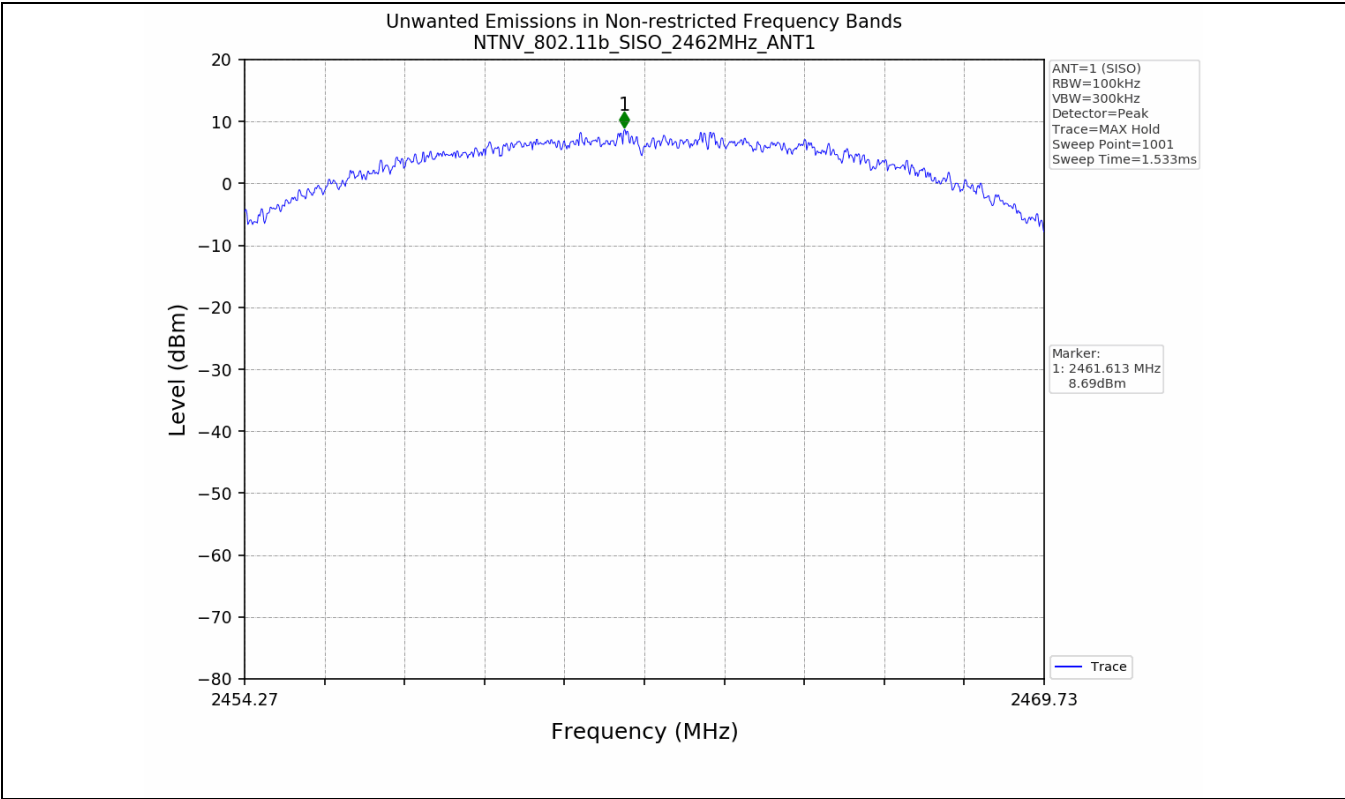


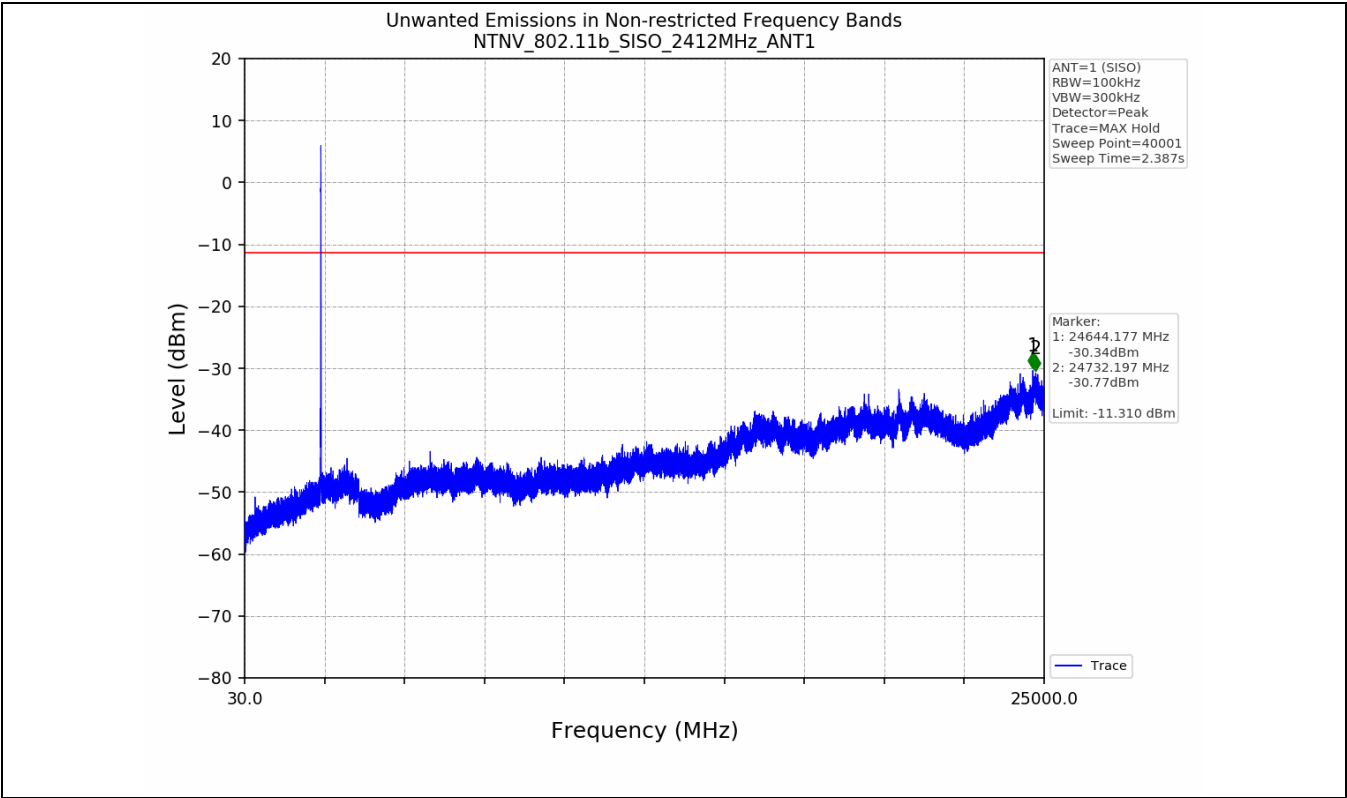
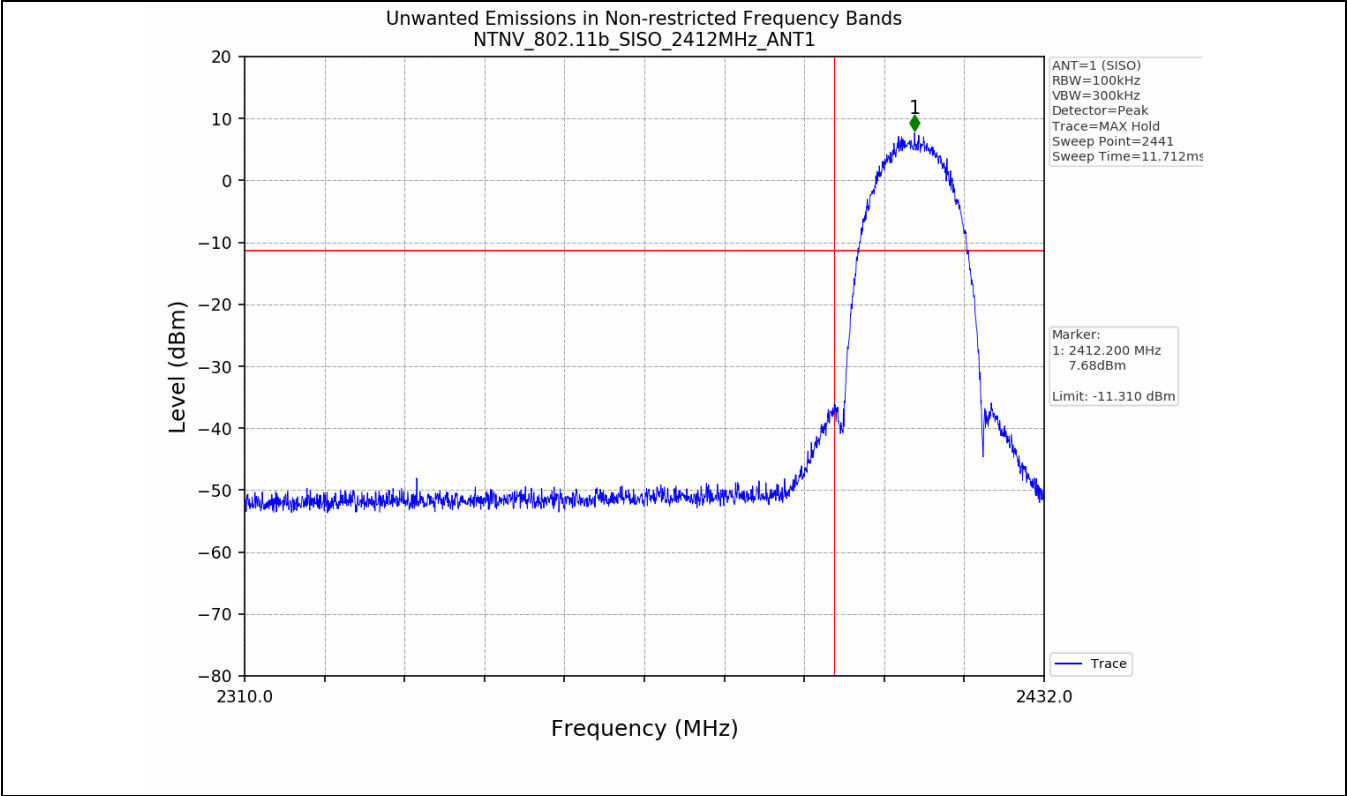
5. Unwanted Emissions in Non-restricted Frequency Bands

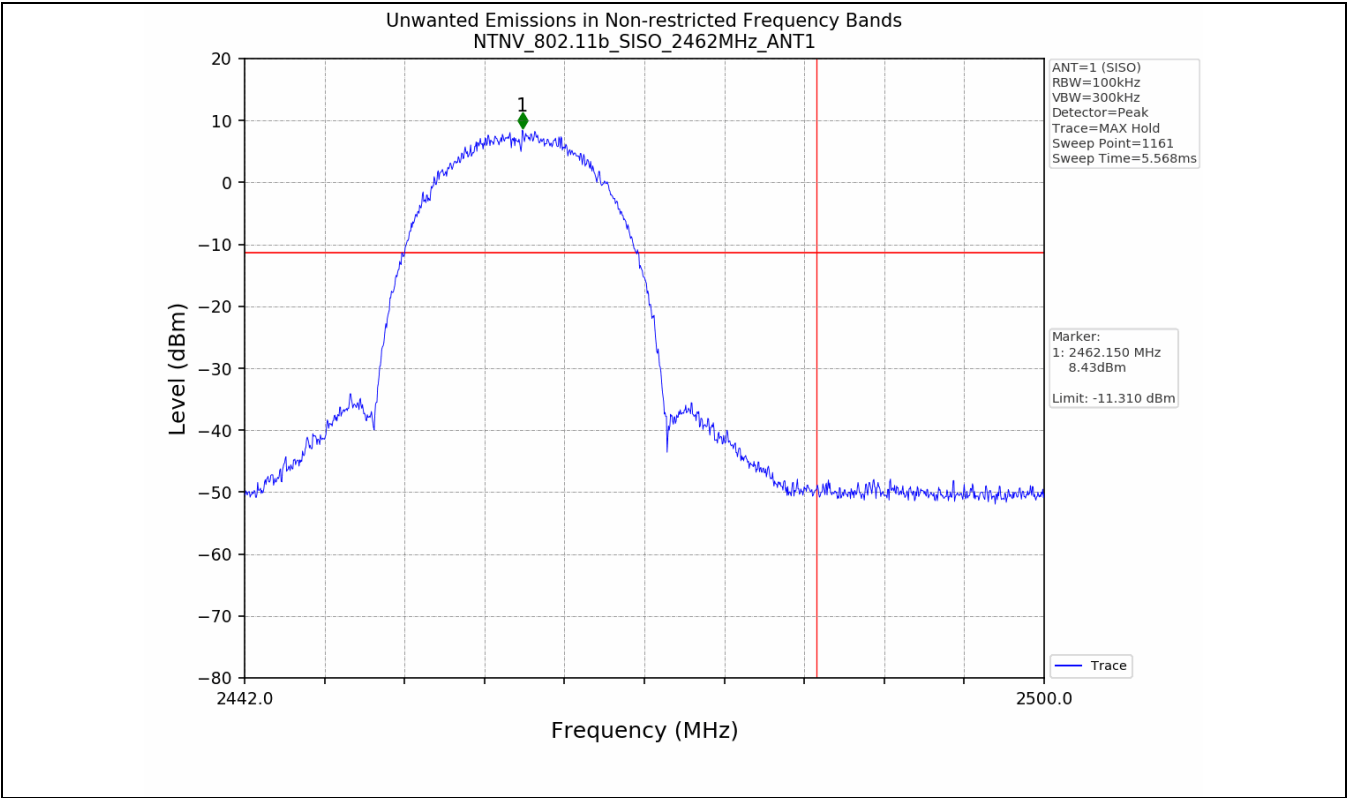
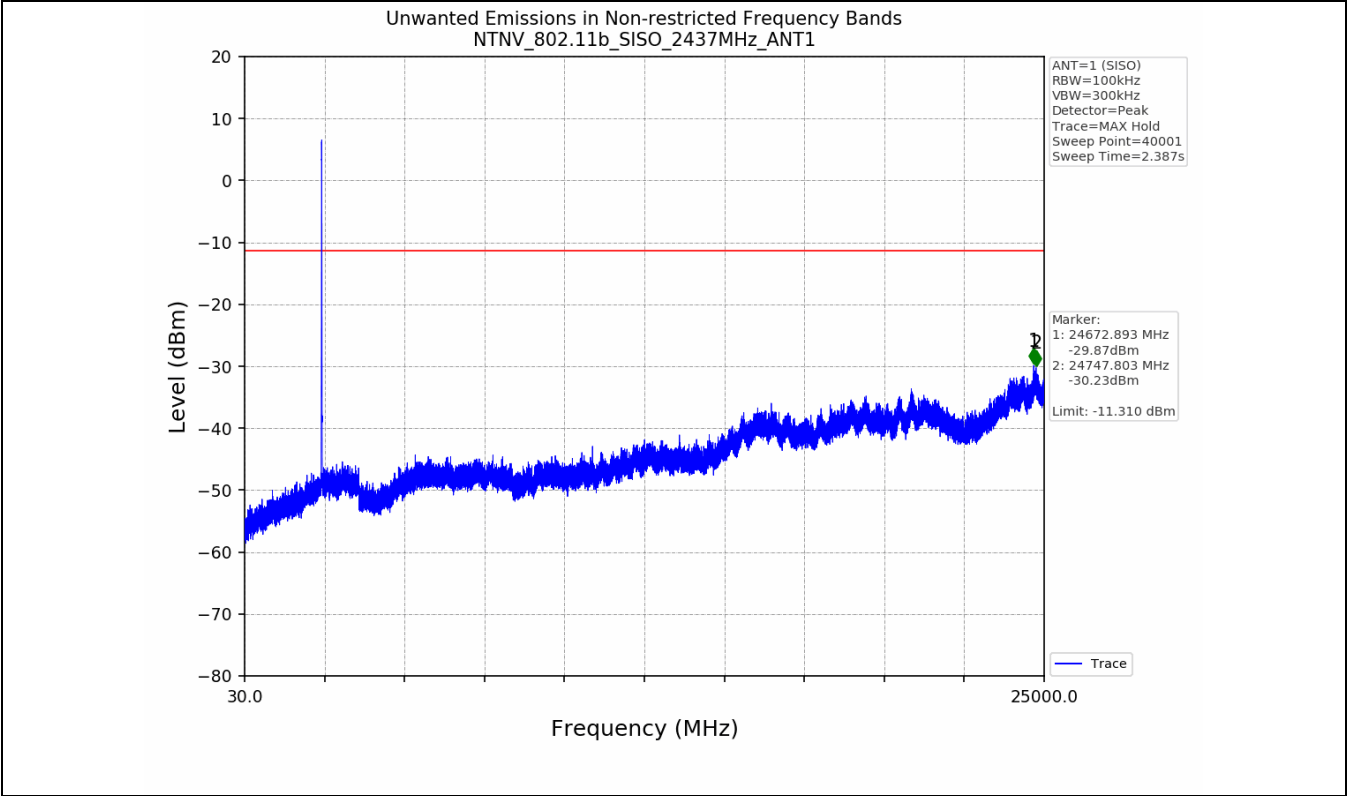
5.1 Test Result

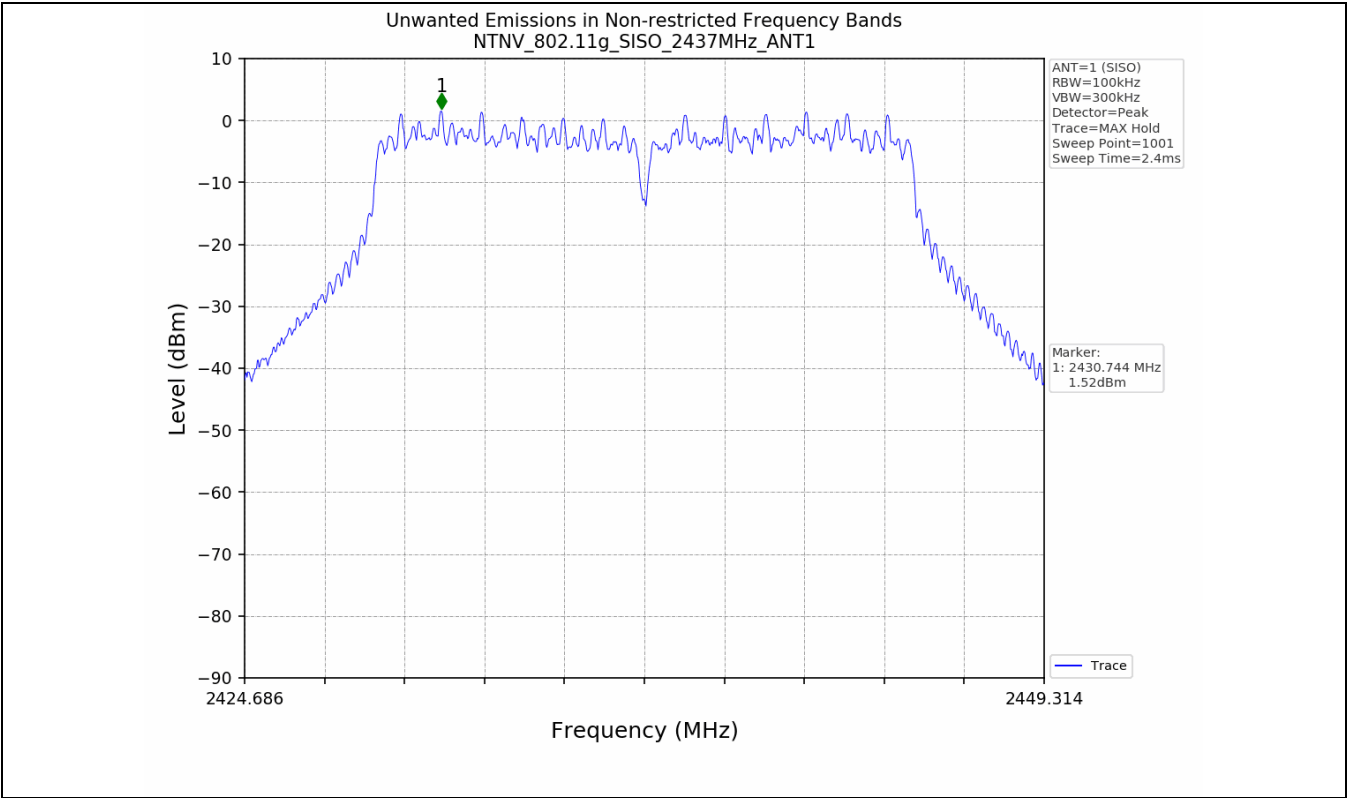
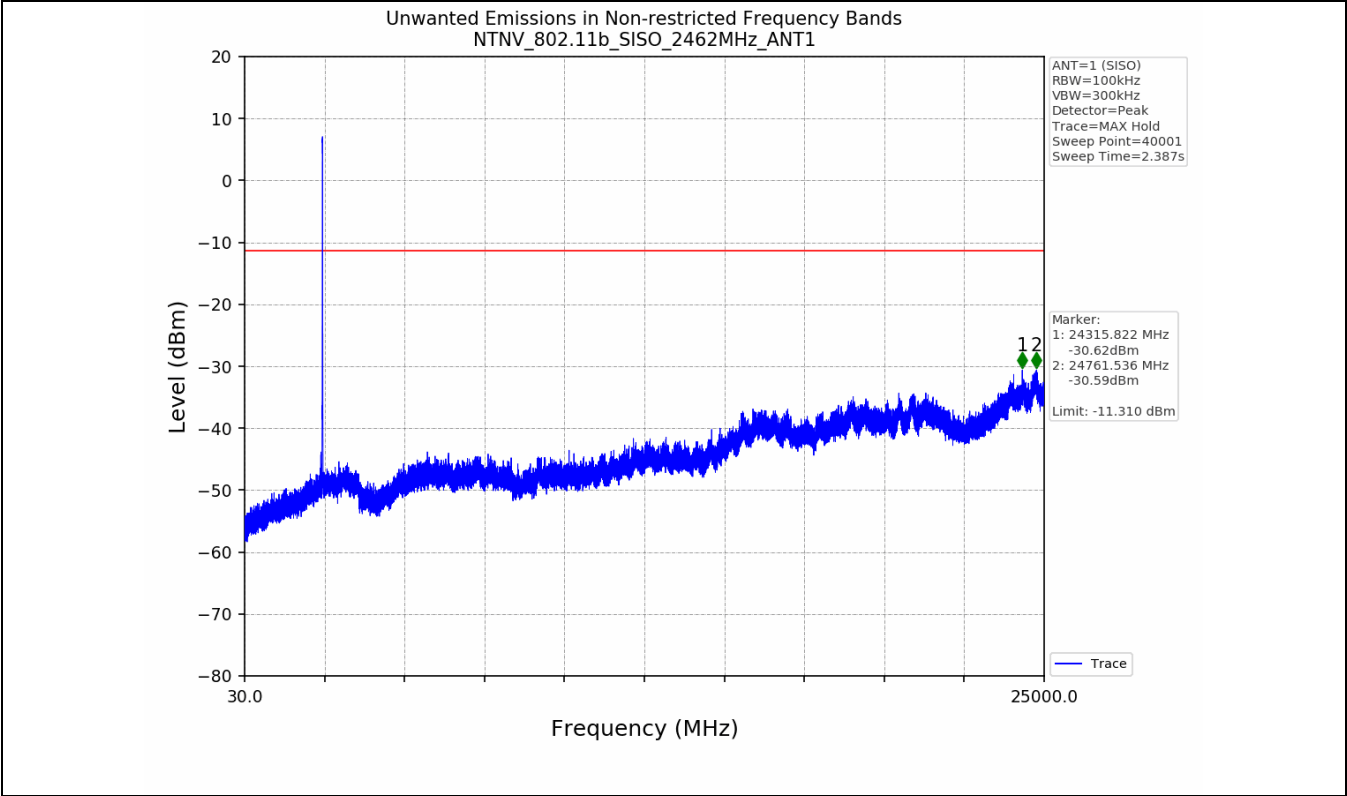
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	1	Refer to test graph	-11.31	PASS
	2437	SISO	1	Refer to test graph	-11.31	PASS
	2462	SISO	1	Refer to test graph	-11.31	PASS
802.11g	2412	SISO	1	Refer to test graph	-18.48	PASS
	2437	SISO	1	Refer to test graph	-18.48	PASS
	2462	SISO	1	Refer to test graph	-18.48	PASS
802.11n(HT20)	2412	SISO	1	Refer to test graph	-18.83	PASS
	2437	SISO	1	Refer to test graph	-18.83	PASS
	2462	SISO	1	Refer to test graph	-18.83	PASS
802.11n(HT40)	2422	SISO	1	Refer to test graph	-21.35	PASS
	2437	SISO	1	Refer to test graph	-21.35	PASS
	2452	SISO	1	Refer to test graph	-21.35	PASS

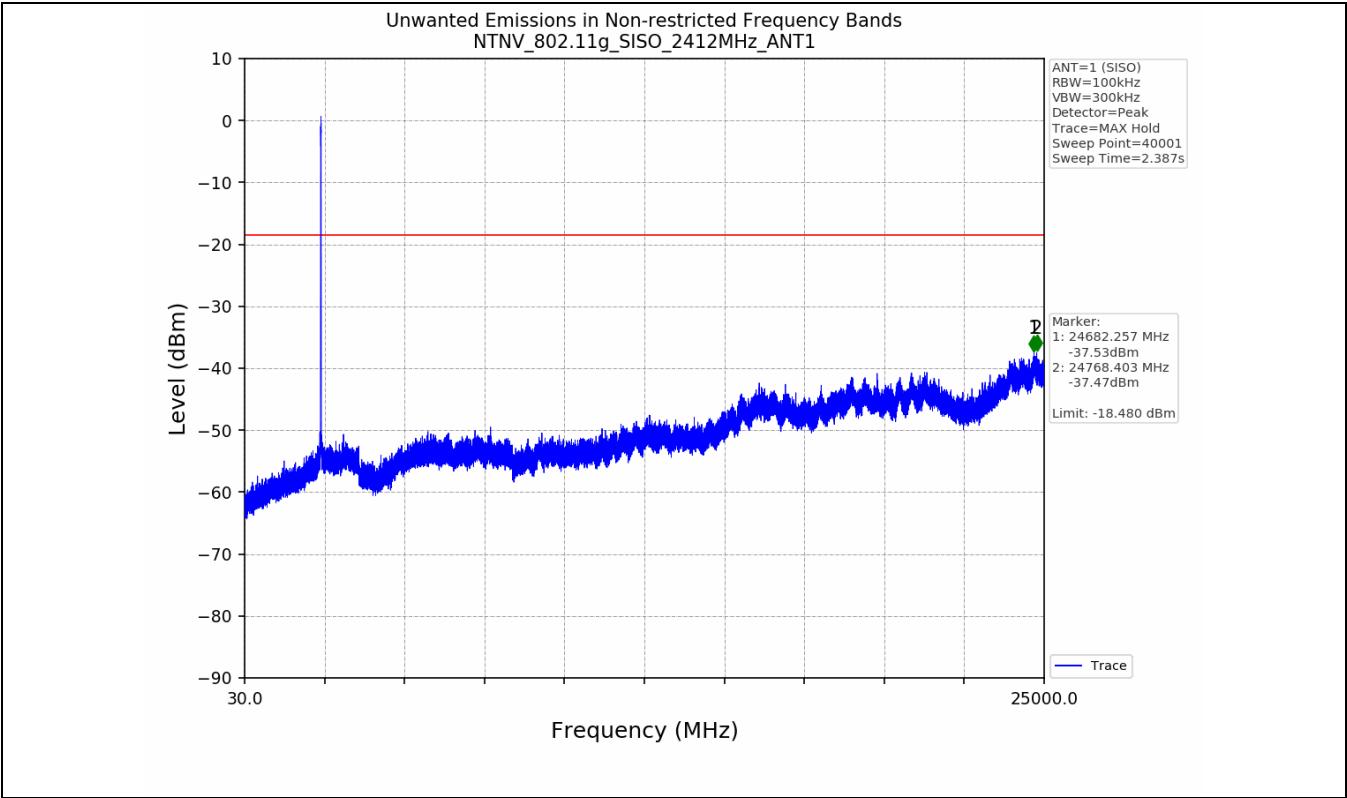
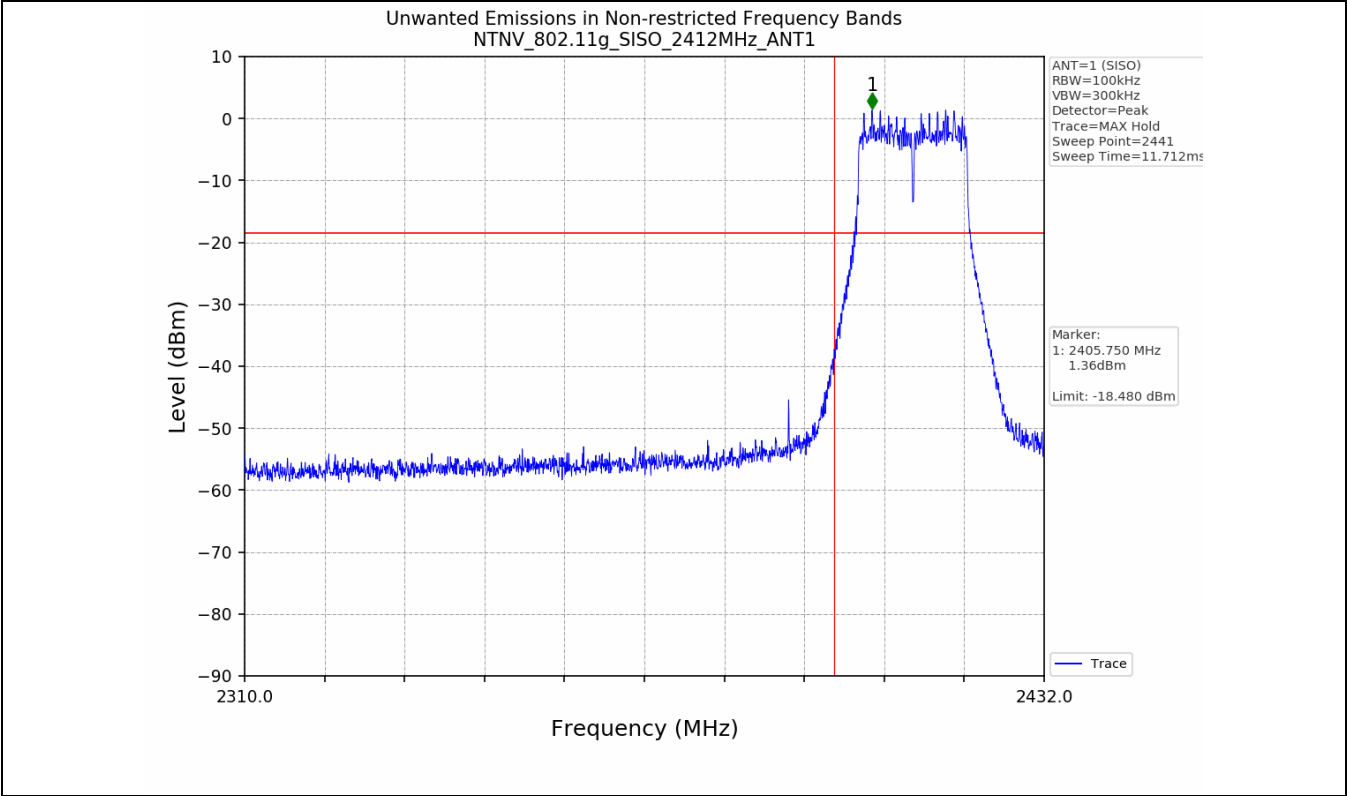
5.2 Test Graph

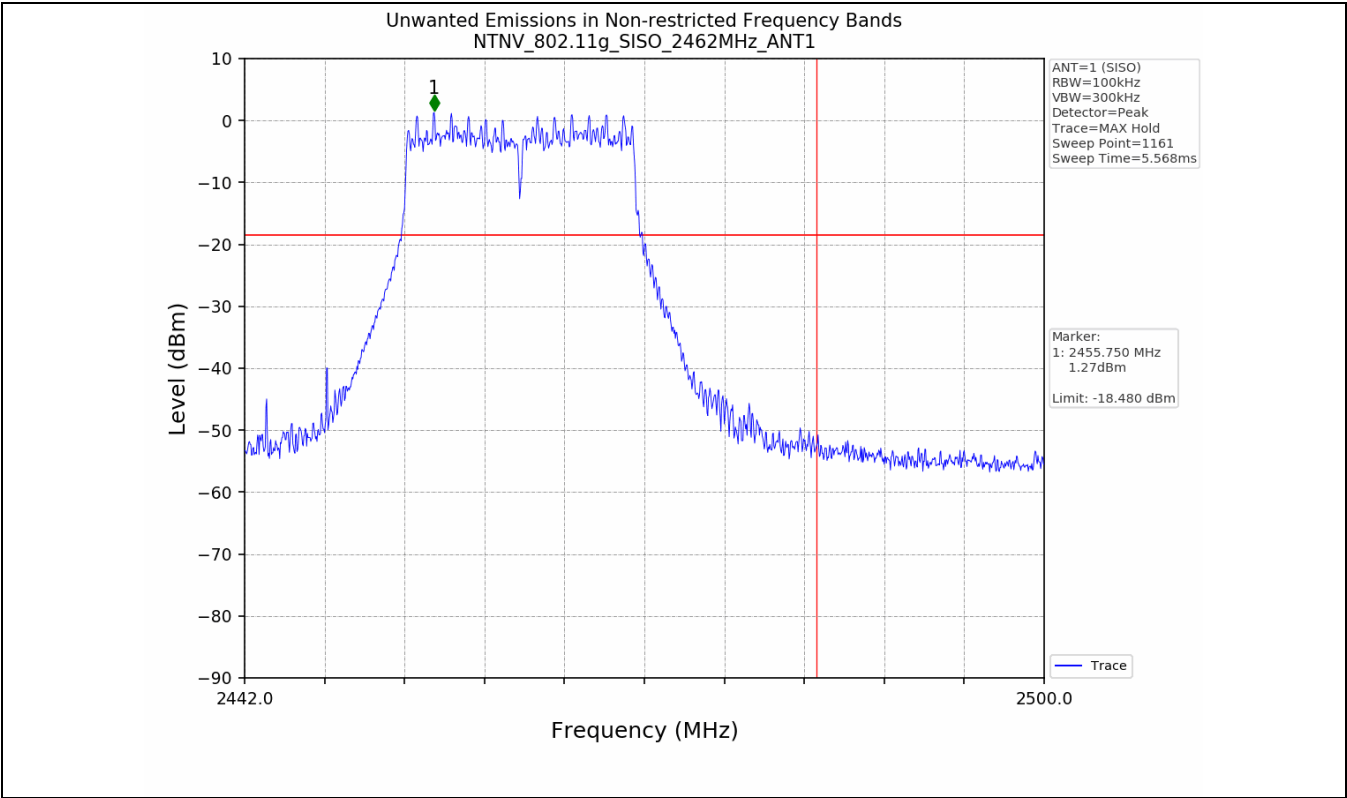
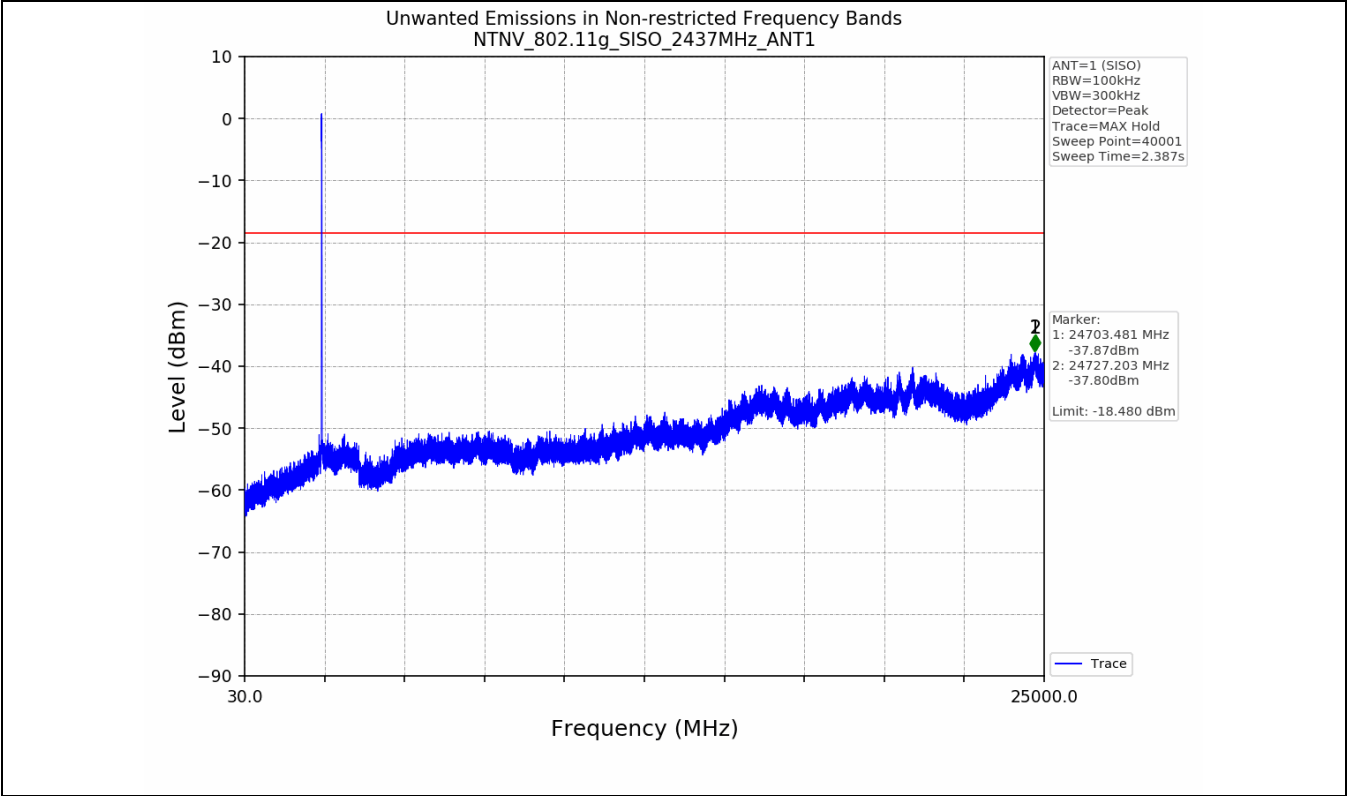


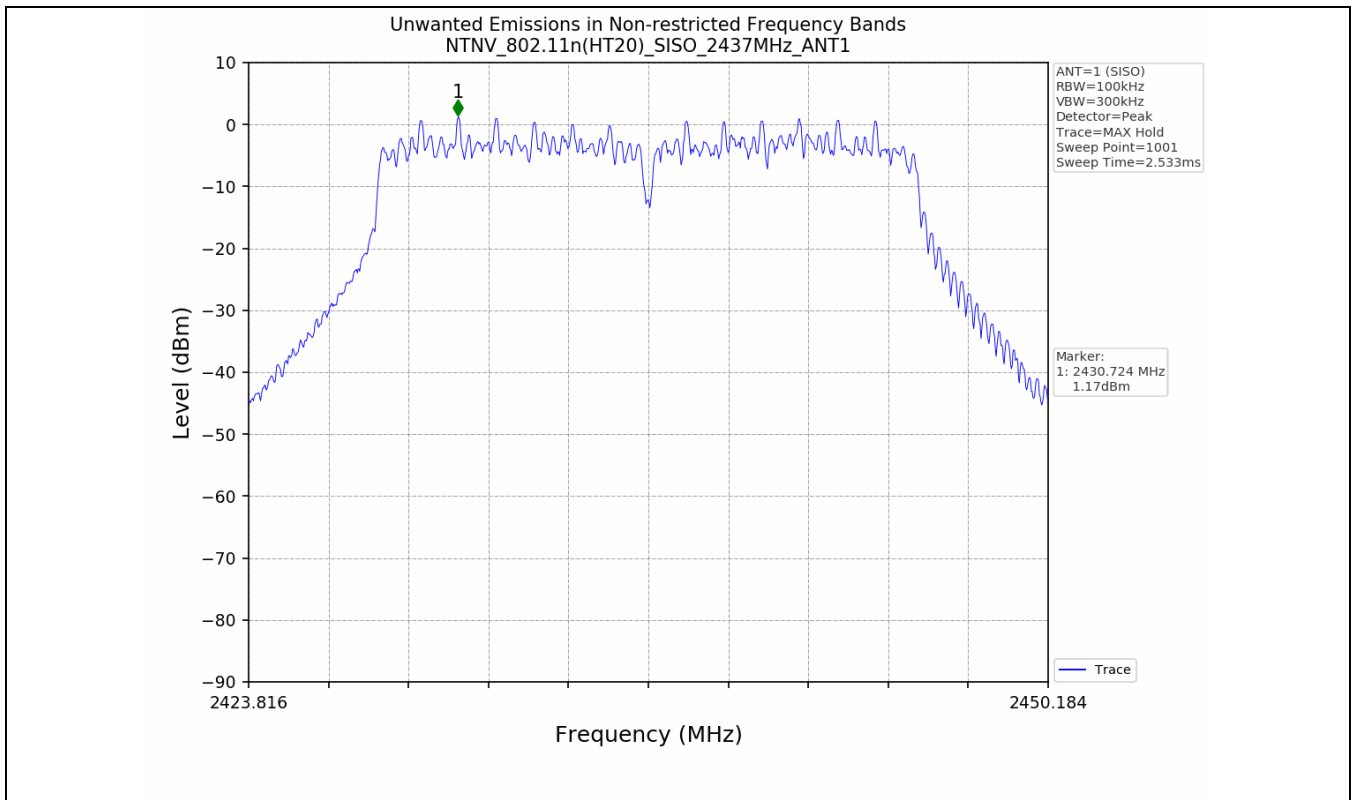
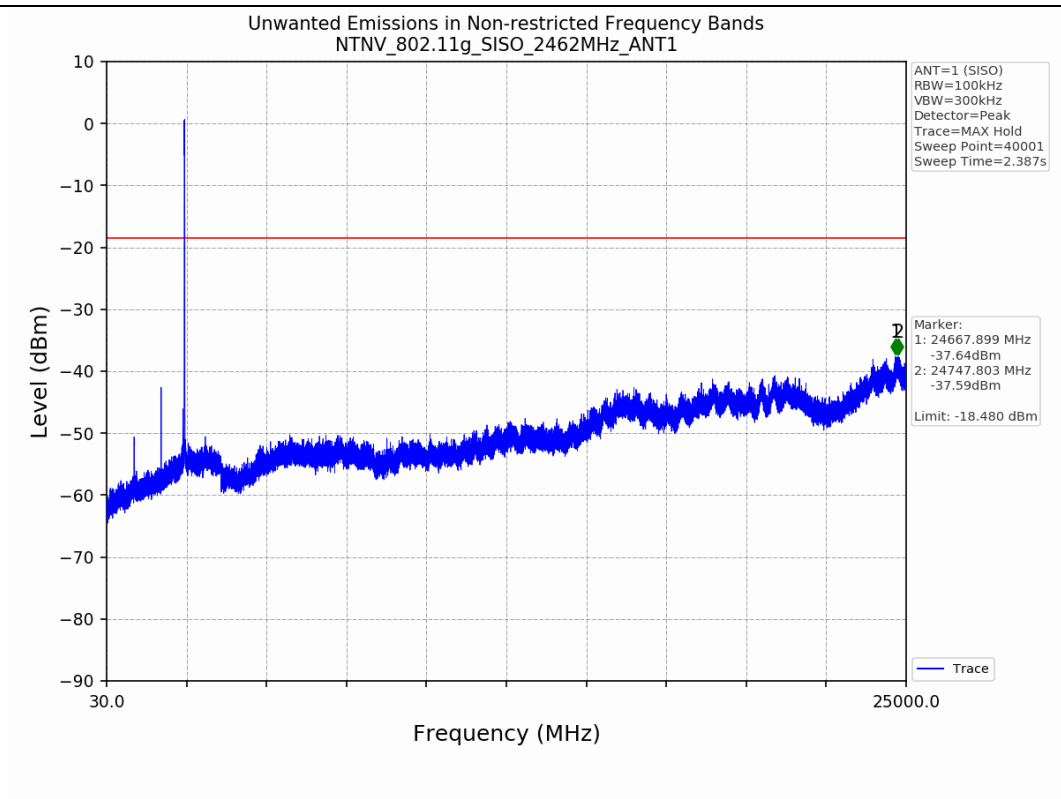


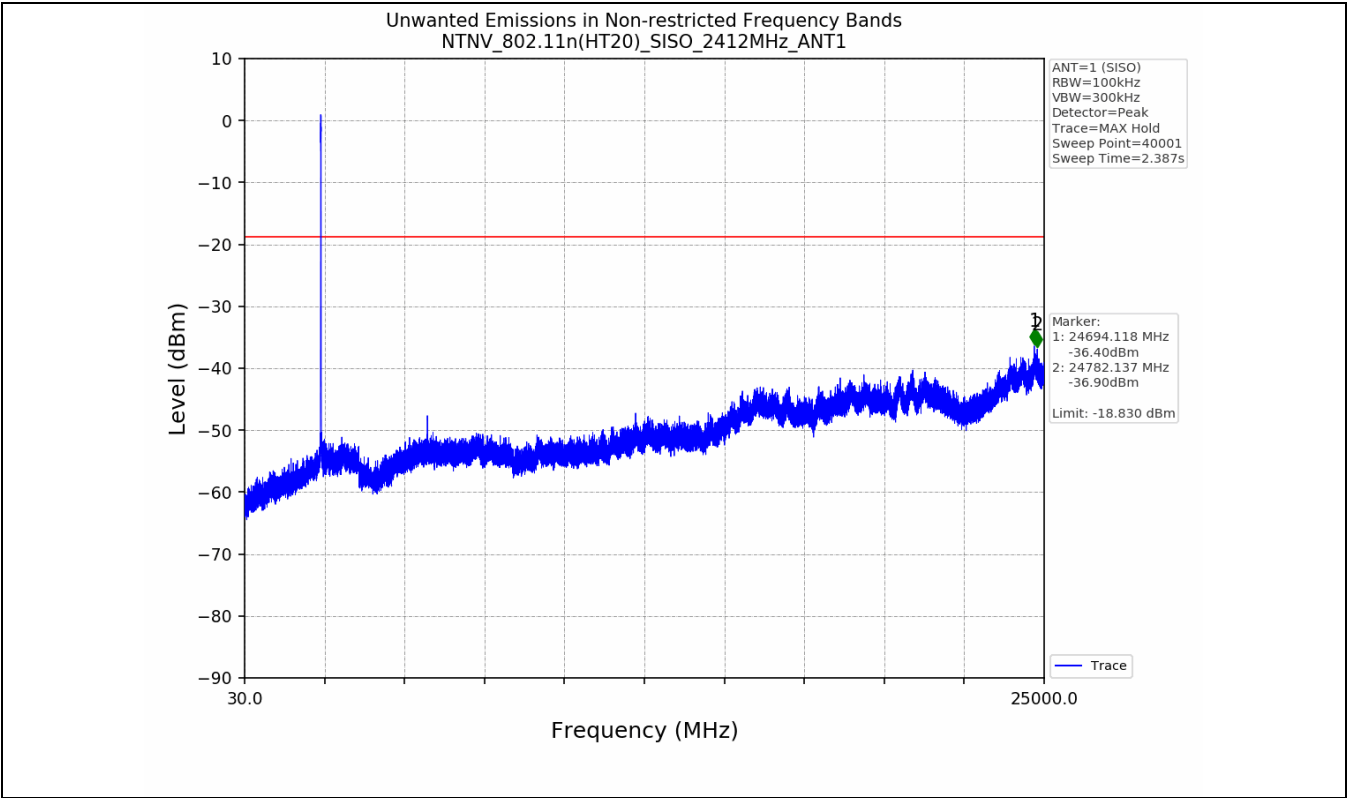
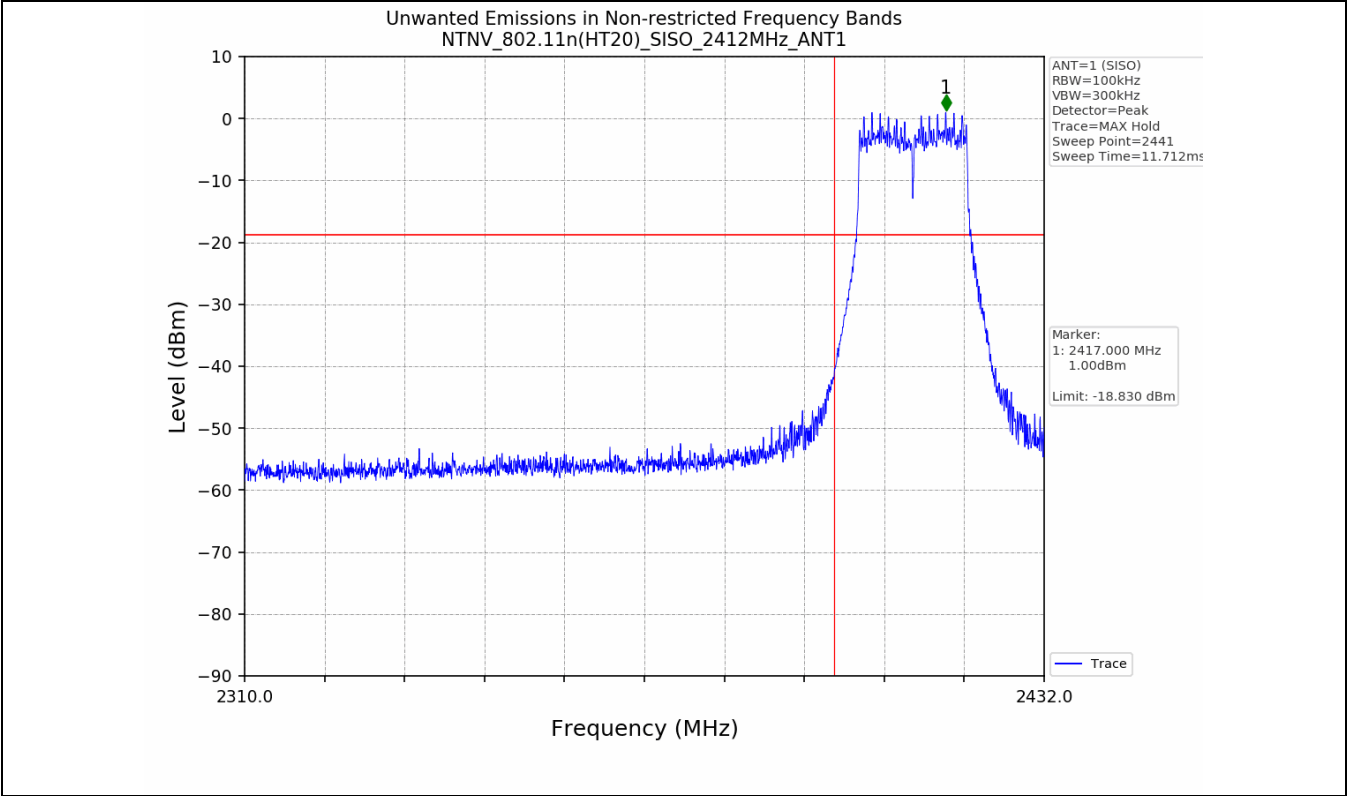


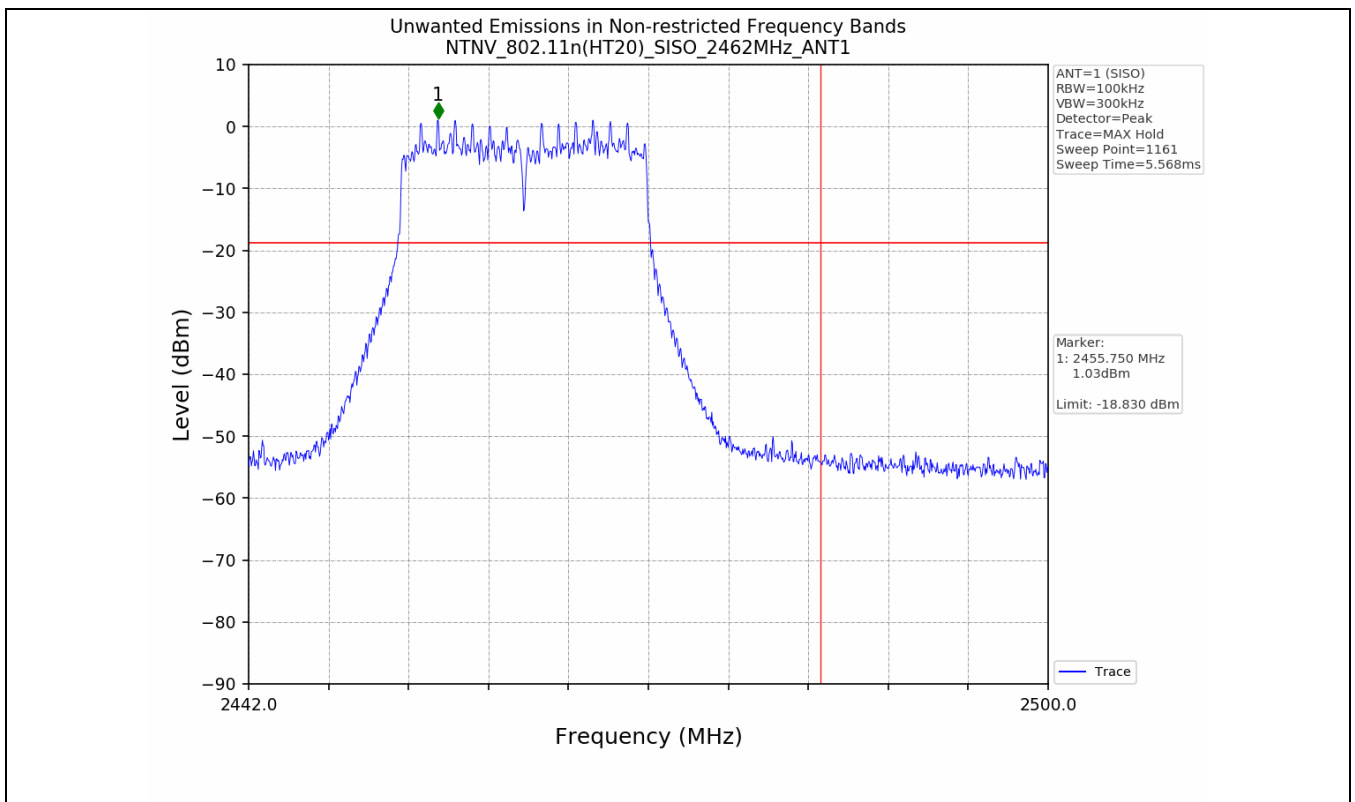
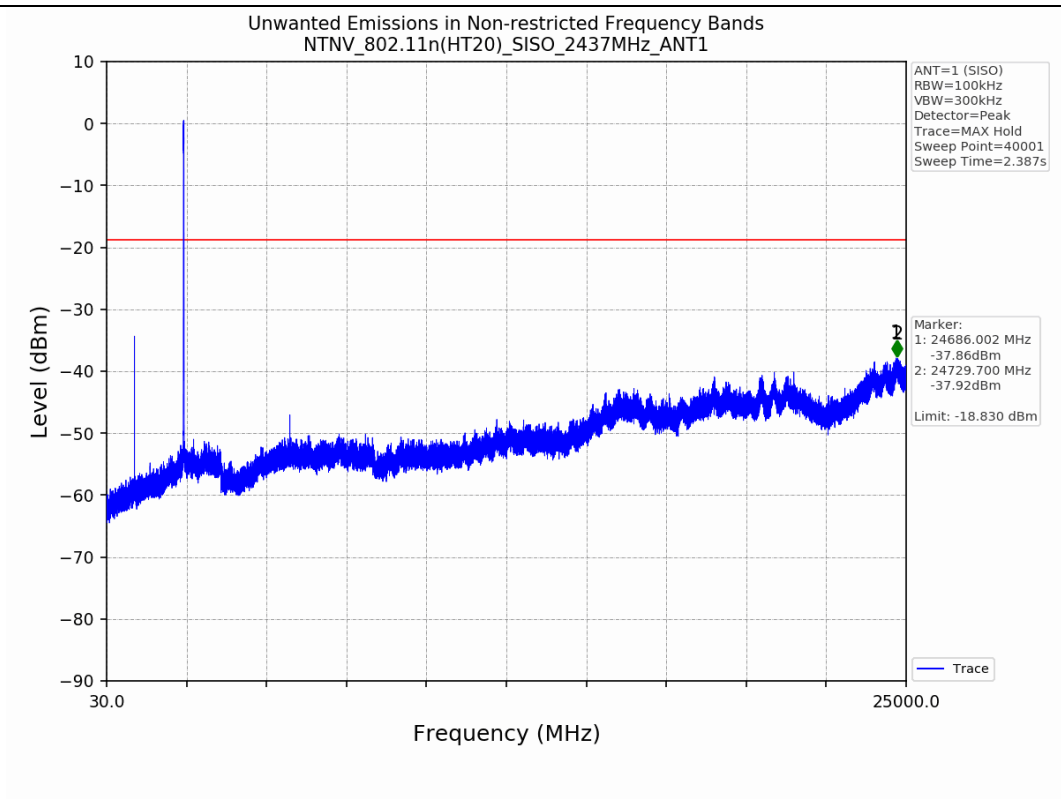


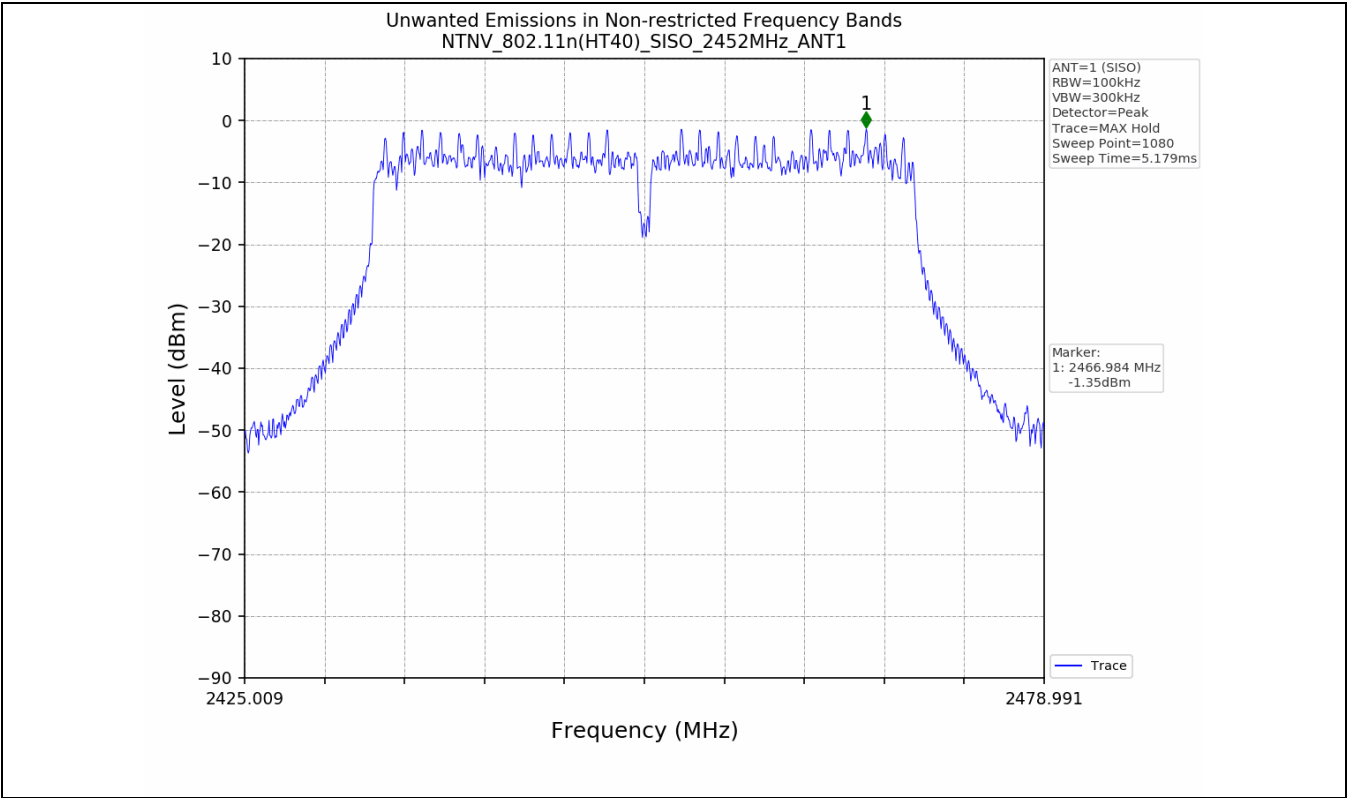
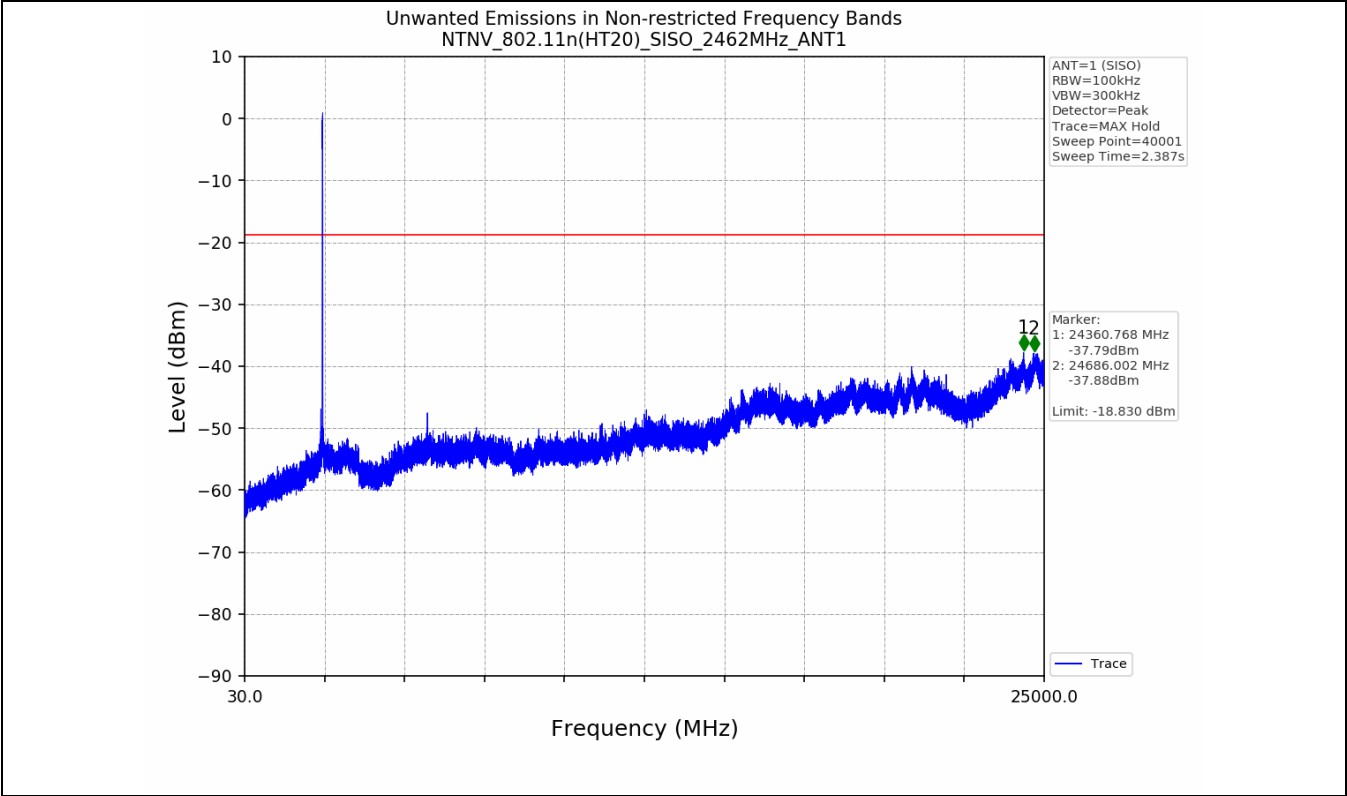


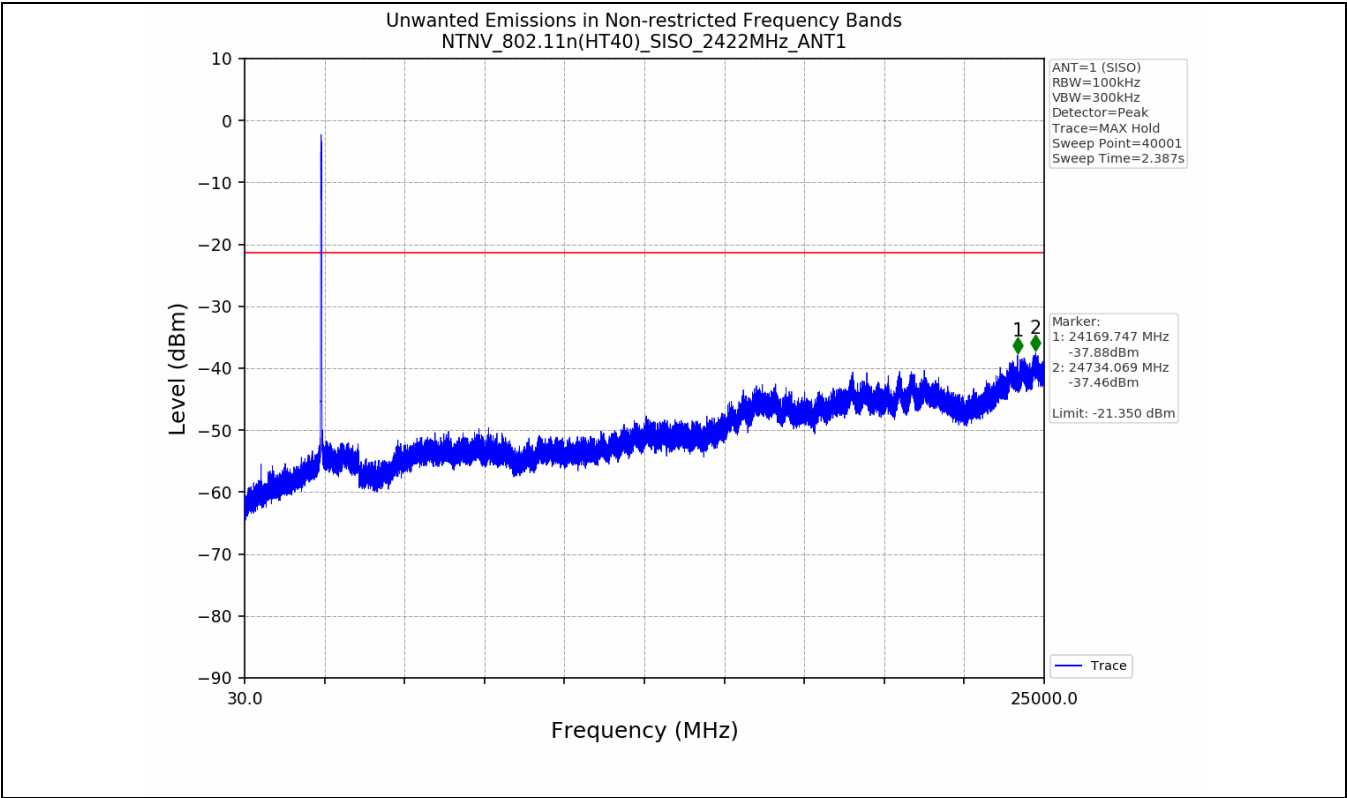
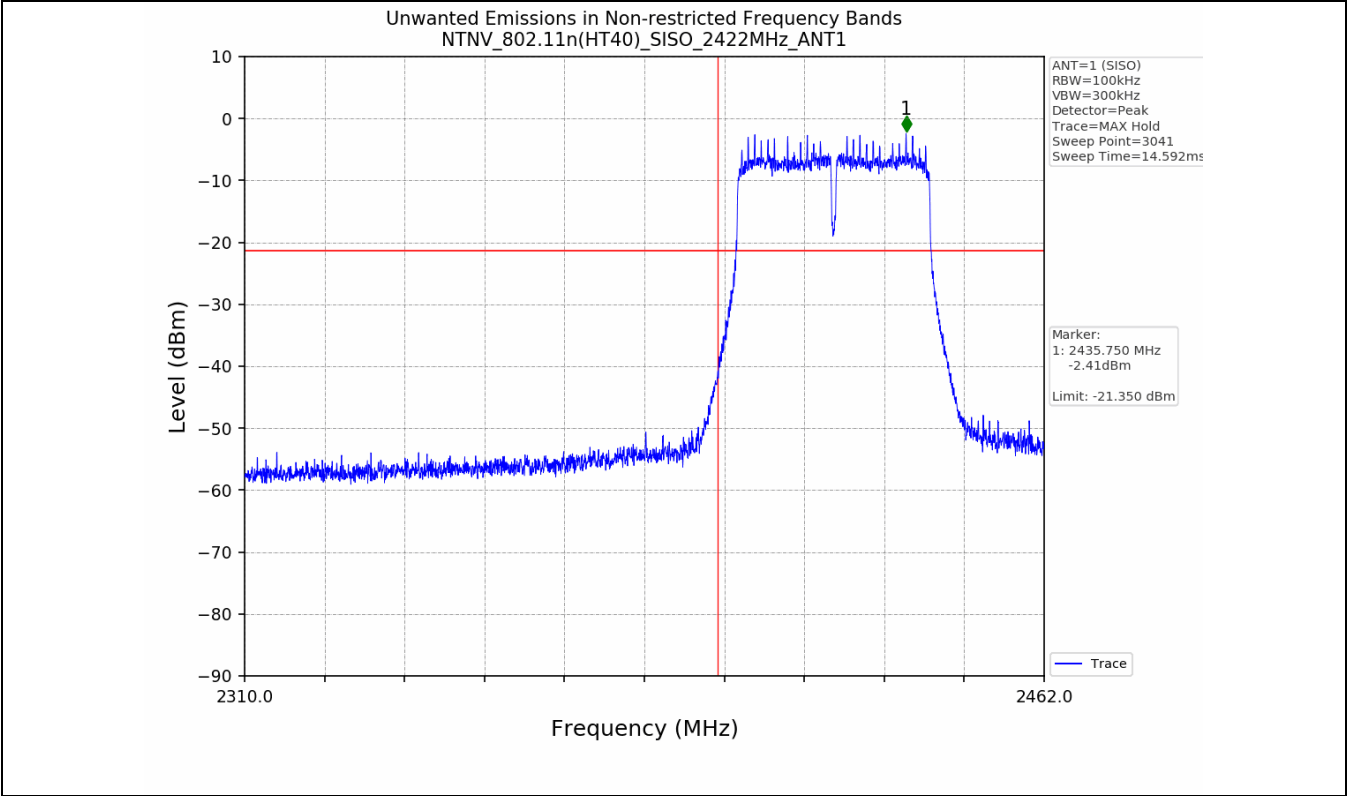


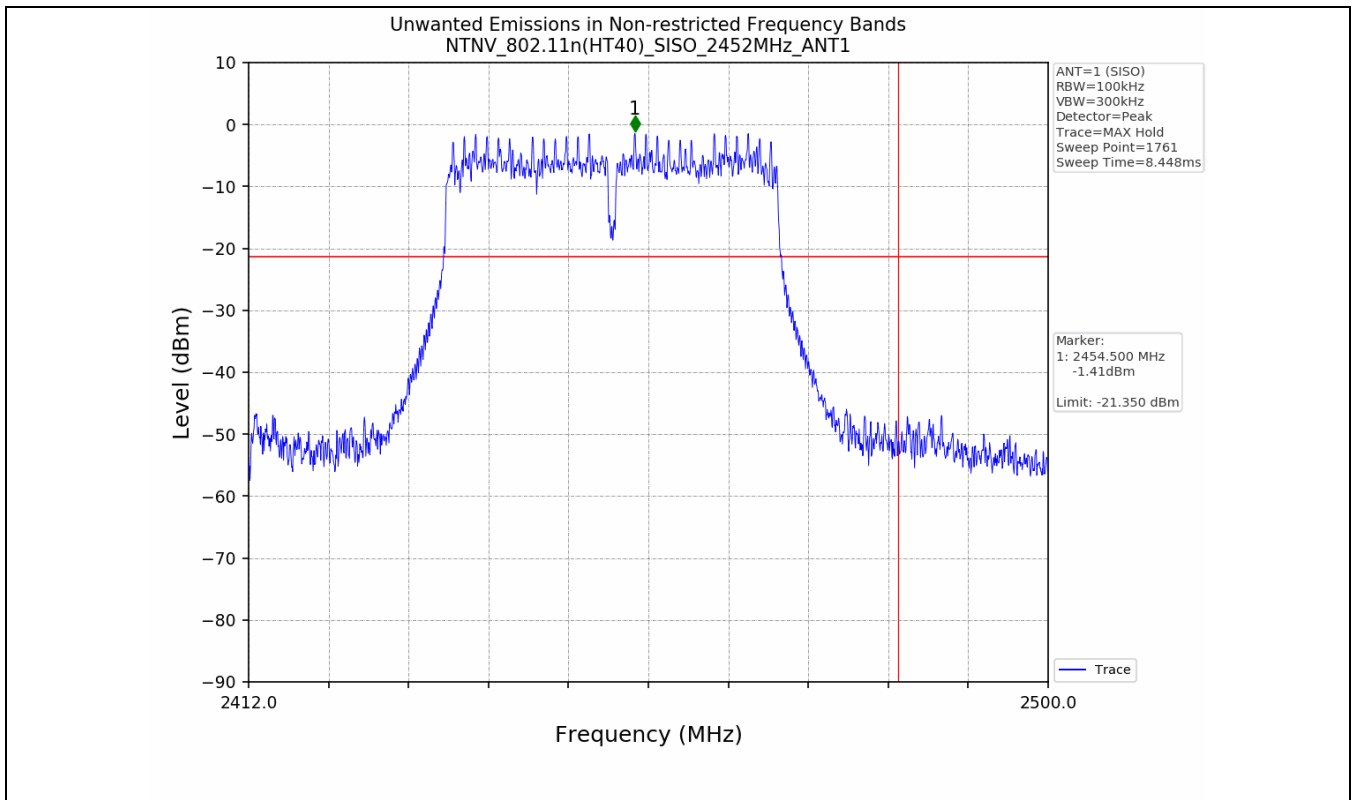
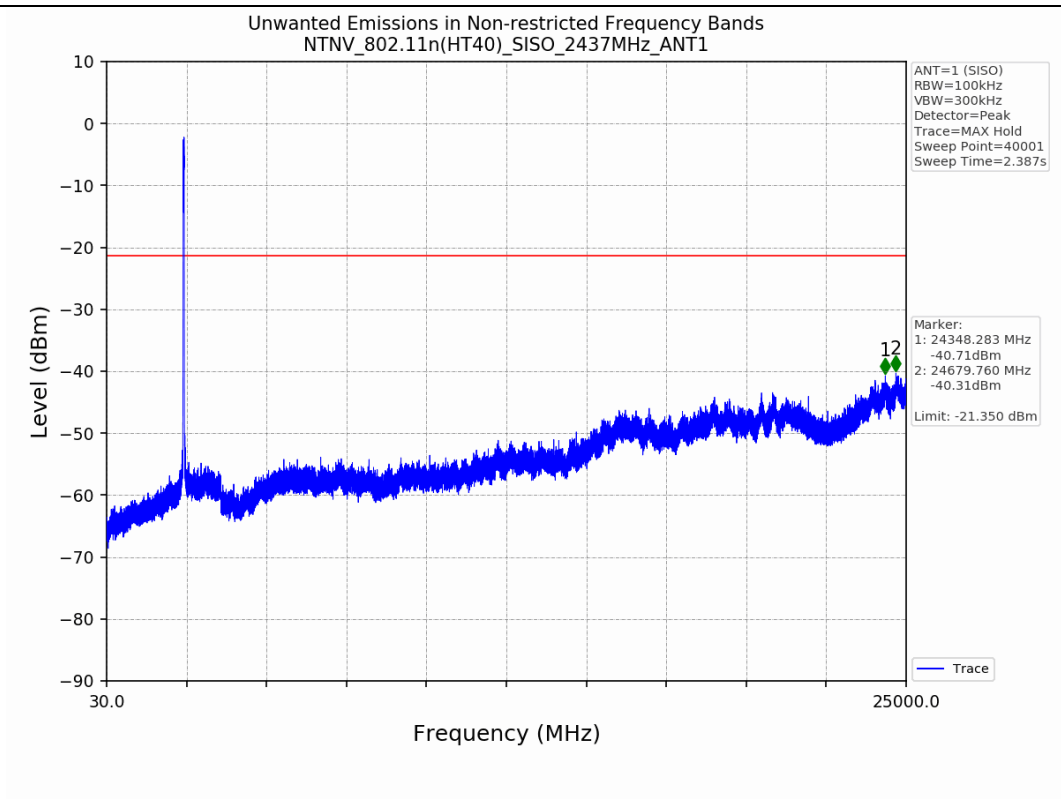












Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11n(HT40)_SISO_2452MHz_ANT1

