

Appendix for 15.247

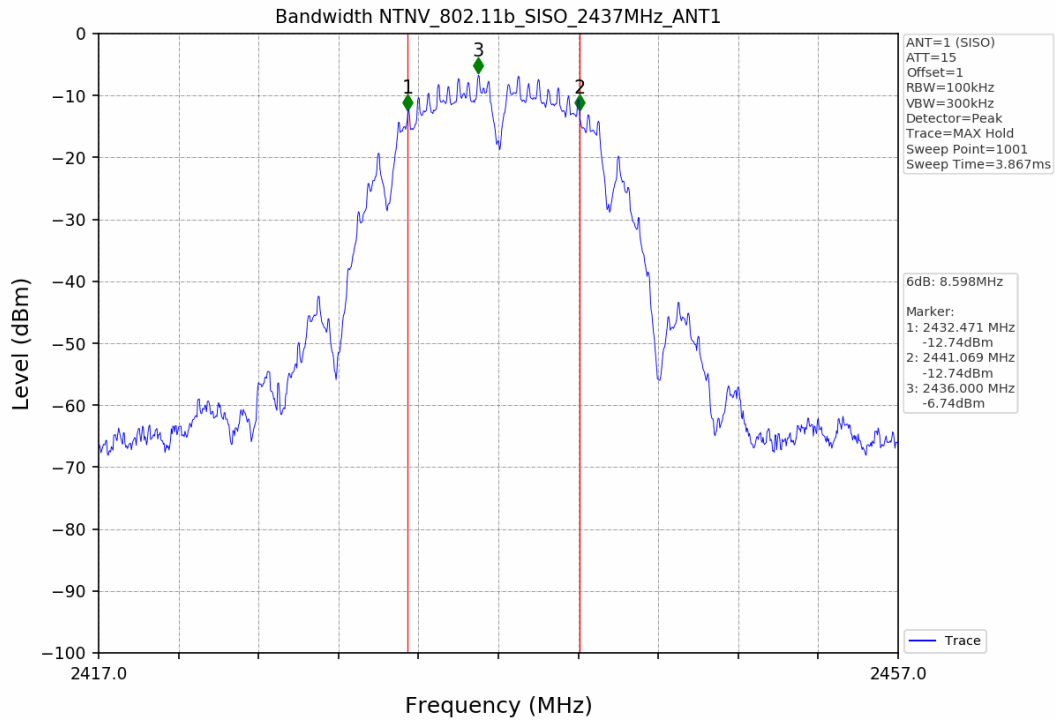
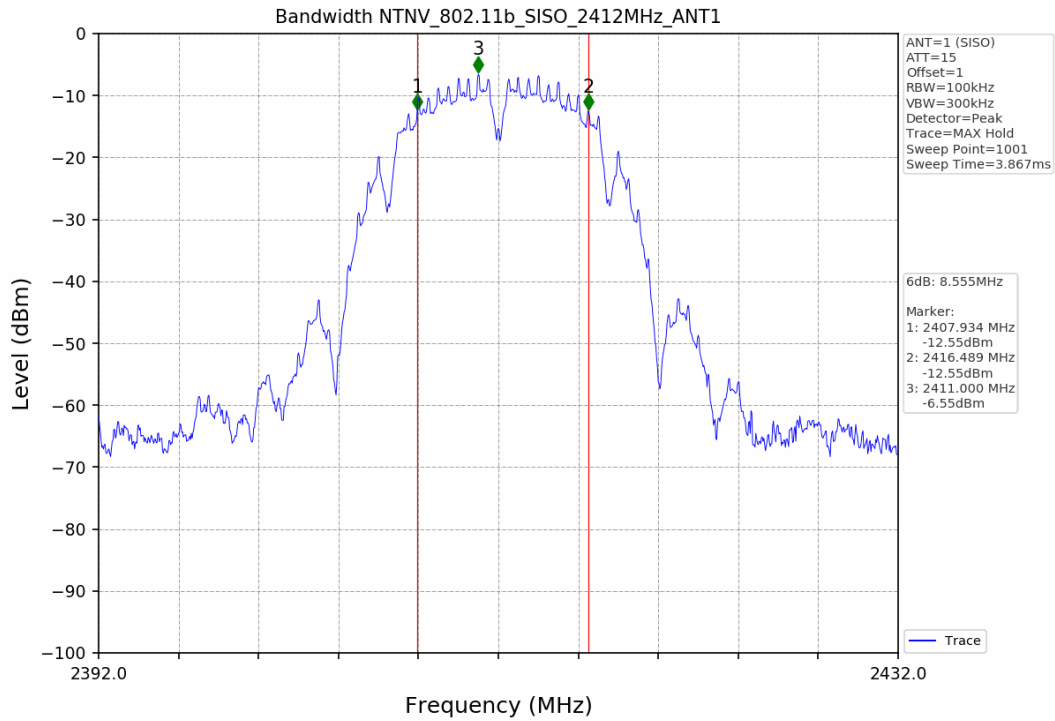
1. Bandwidth

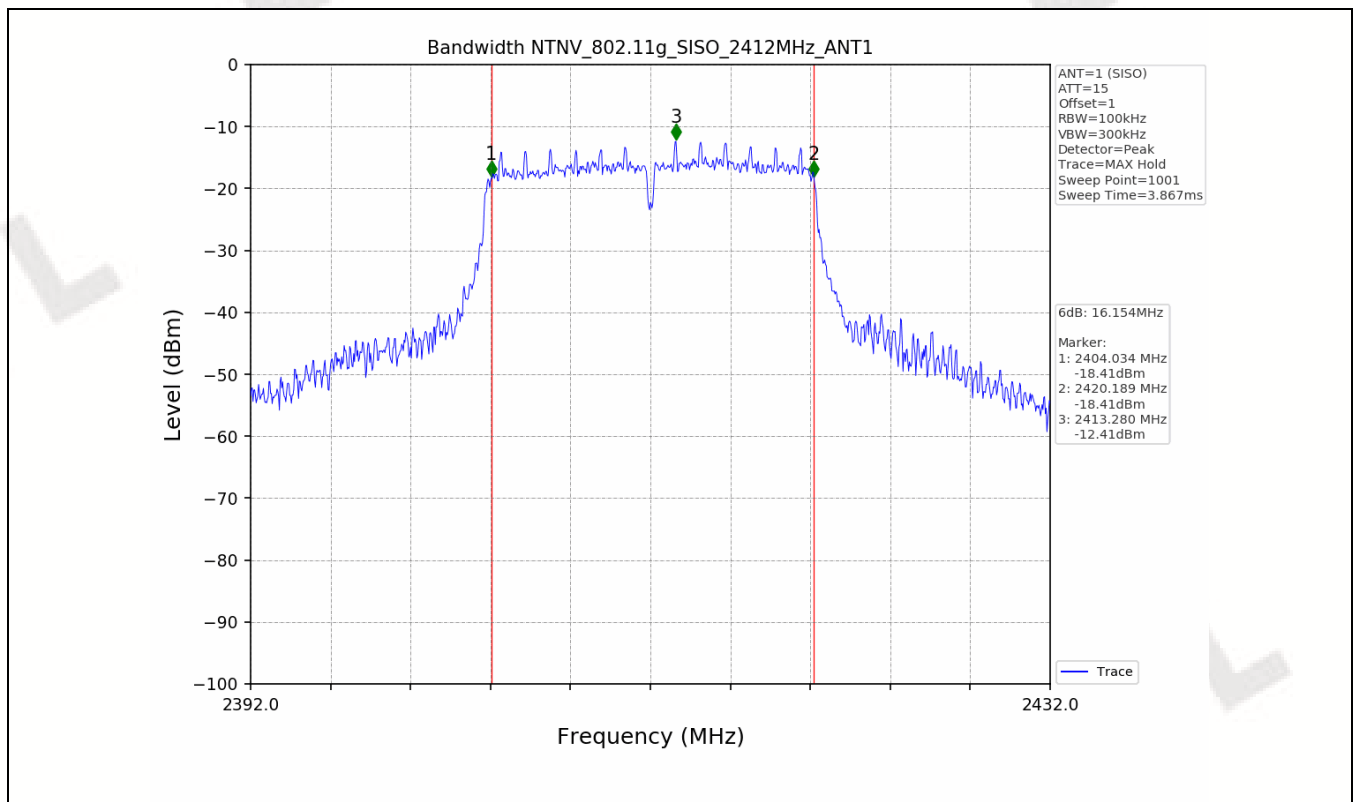
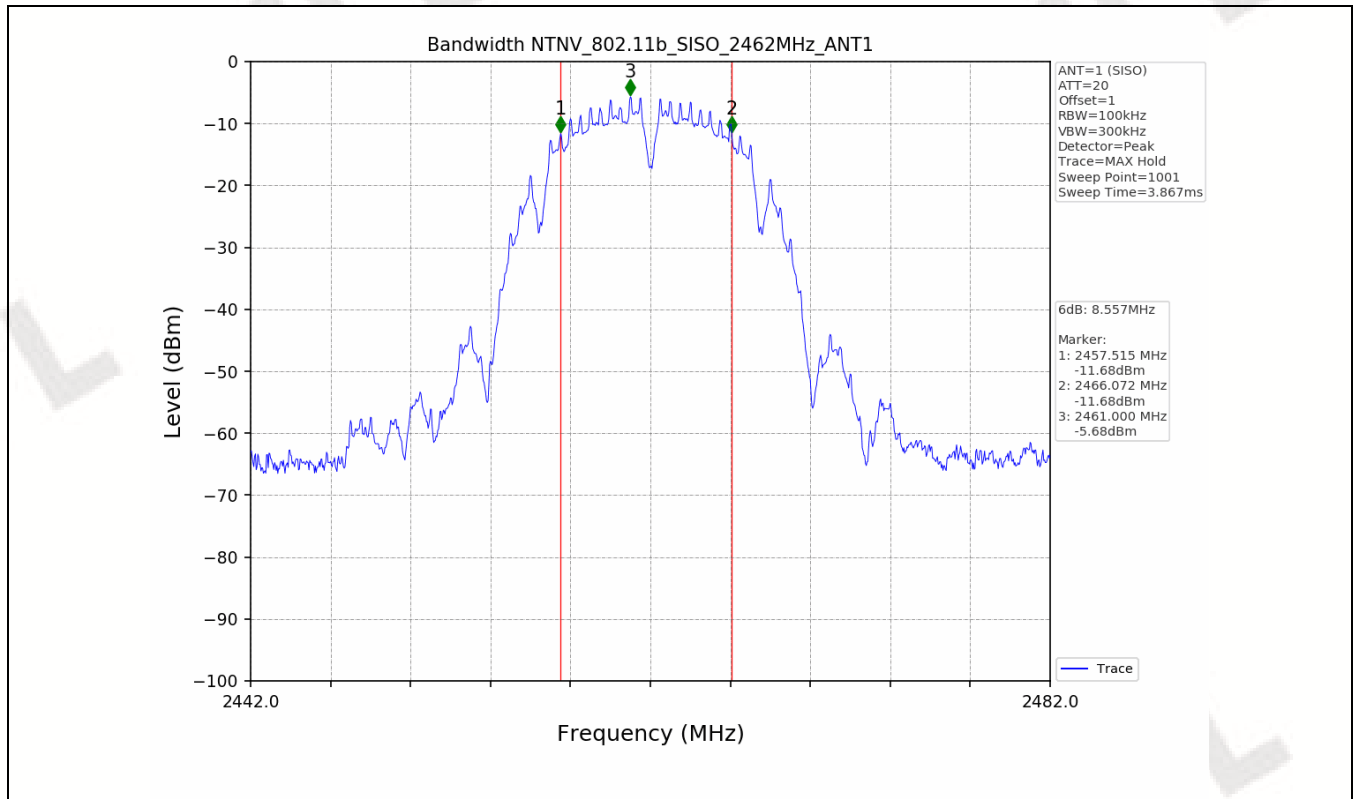
1.1 Test Result

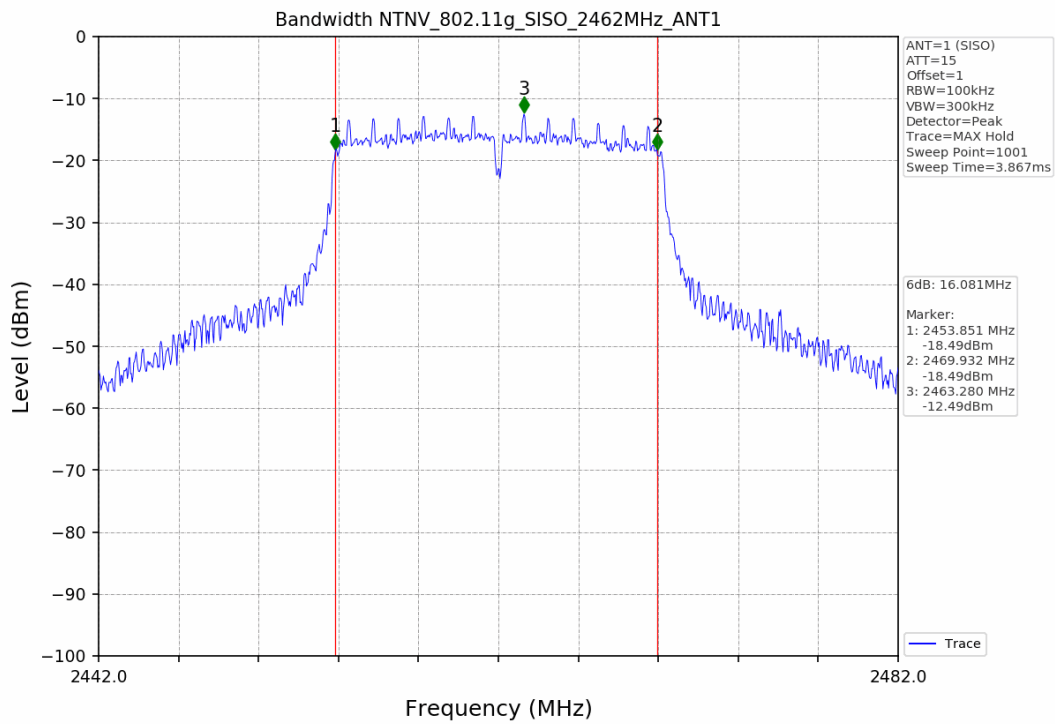
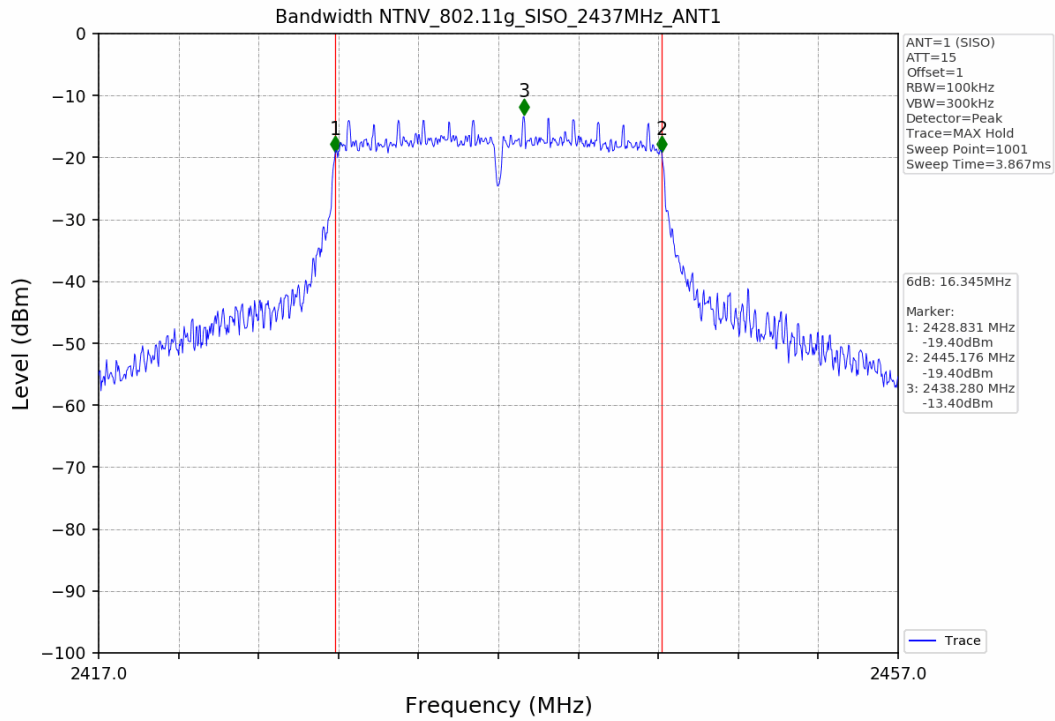
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth	Verdict
				Test Result (MHz)	
802.11b	2412	SISO	1	8.555	PASS
	2437	SISO	1	8.598	PASS
	2462	SISO	1	8.557	PASS
802.11g	2412	SISO	1	16.154	PASS
	2437	SISO	1	16.345	PASS
	2462	SISO	1	16.081	PASS
802.11n(HT20)	2412	SISO	1	16.991	PASS
	2437	SISO	1	17.080	PASS
	2462	SISO	1	17.040	PASS
802.11n(HT40)	2422	SISO	1	35.260	PASS
	2437	SISO	1	36.130	PASS
	2452	SISO	1	35.648	PASS

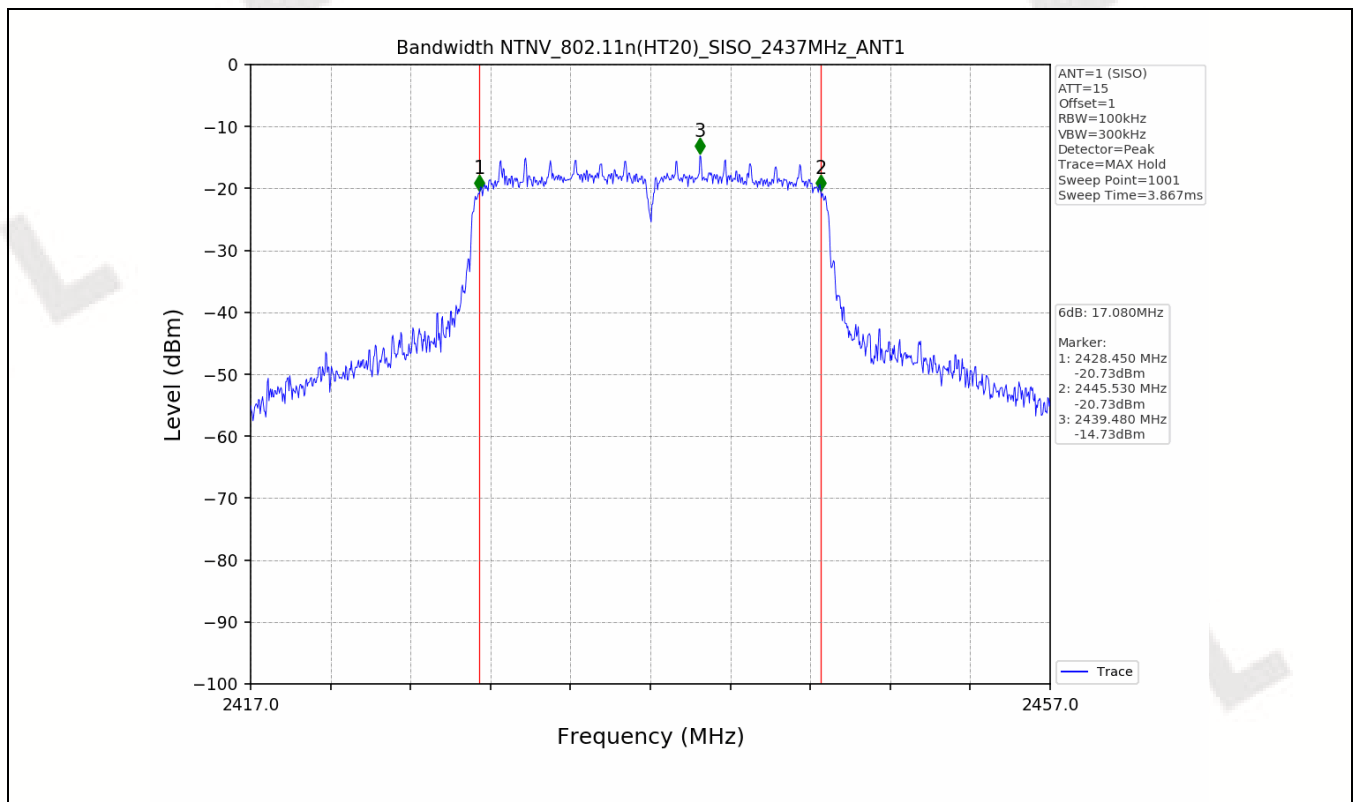
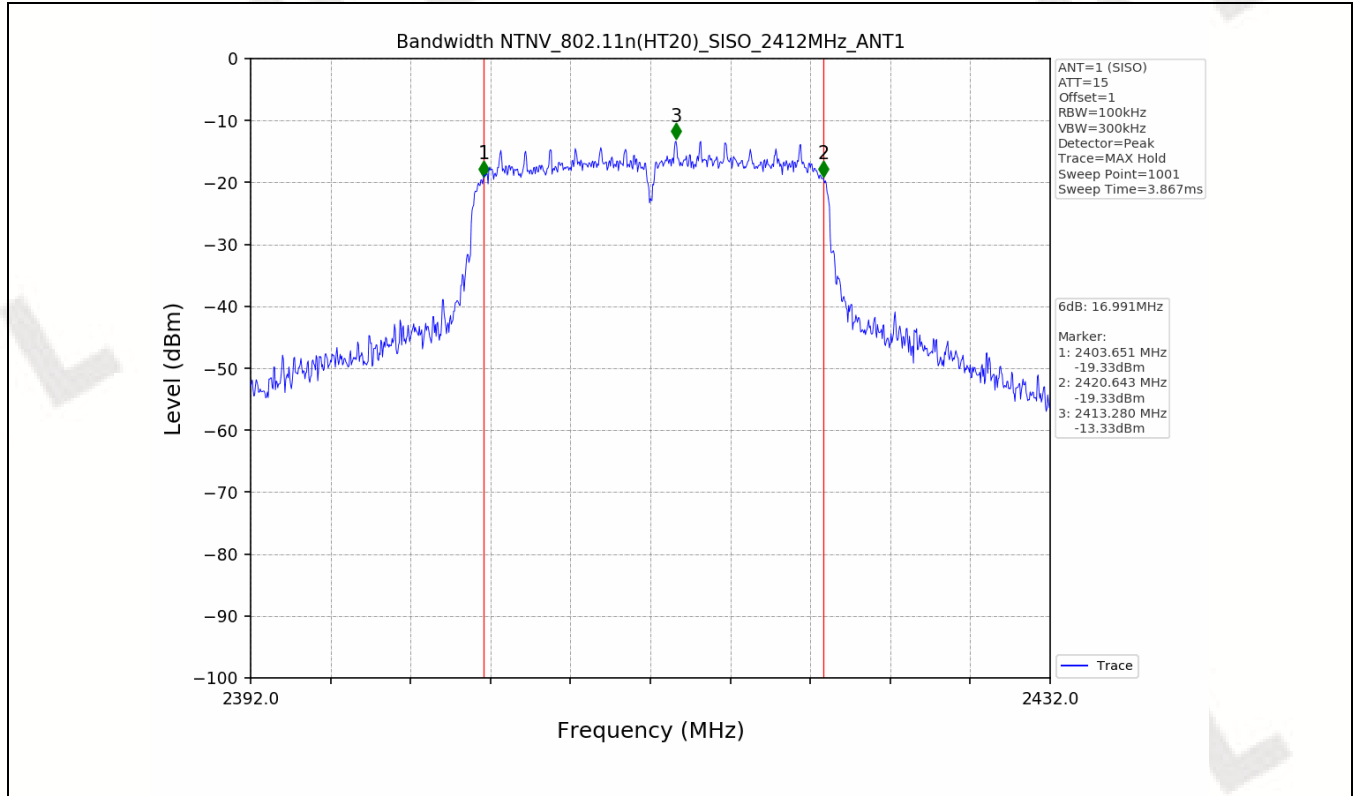
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	11.786	Only for Report Use
	2437	SISO	1	11.795	Only for Report Use
	2462	SISO	1	11.718	Only for Report Use
802.11g	2412	SISO	1	16.716	Only for Report Use
	2437	SISO	1	16.710	Only for Report Use
	2462	SISO	1	16.661	Only for Report Use
802.11n(HT20)	2412	SISO	1	17.660	Only for Report Use
	2437	SISO	1	17.717	Only for Report Use
	2462	SISO	1	17.601	Only for Report Use
802.11n(HT40)	2422	SISO	1	36.307	Only for Report Use
	2437	SISO	1	36.554	Only for Report Use
	2452	SISO	1	36.337	Only for Report Use

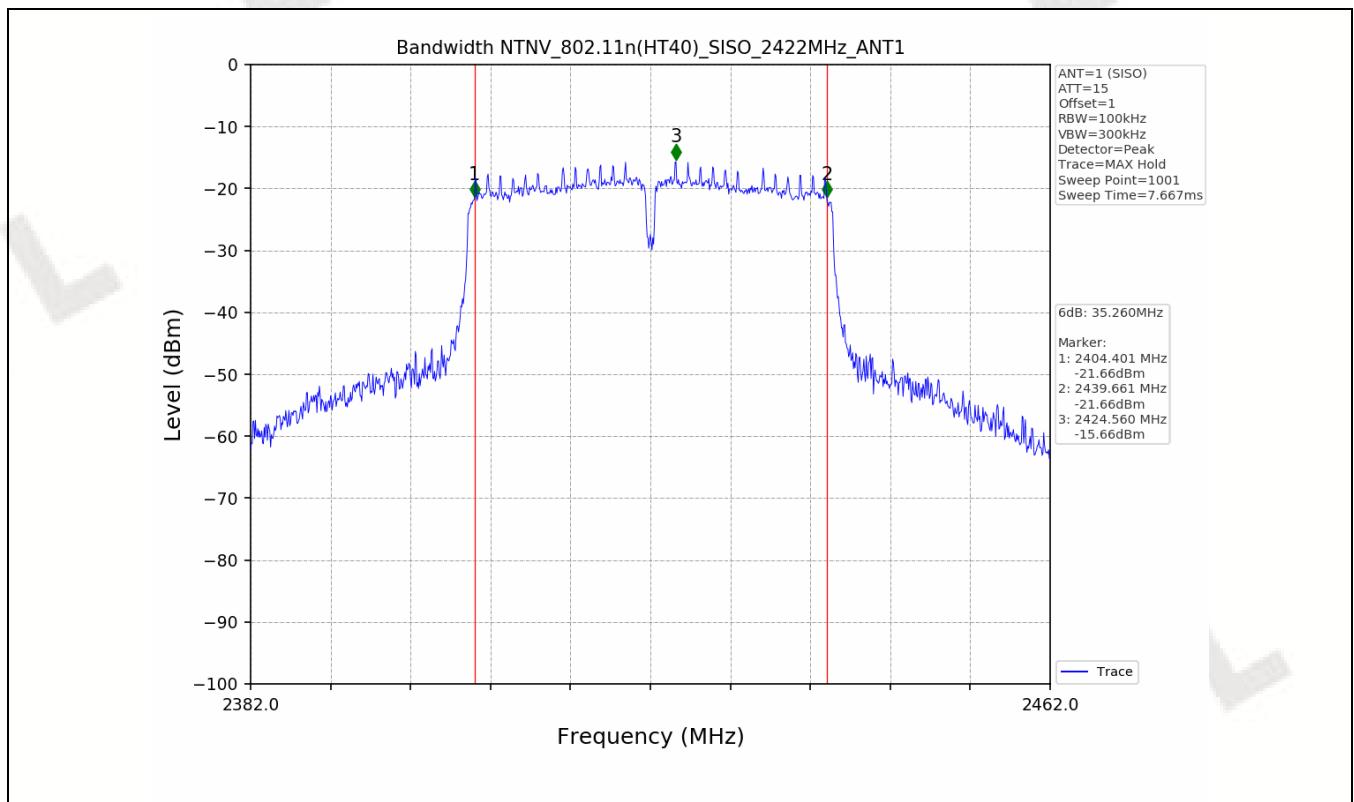
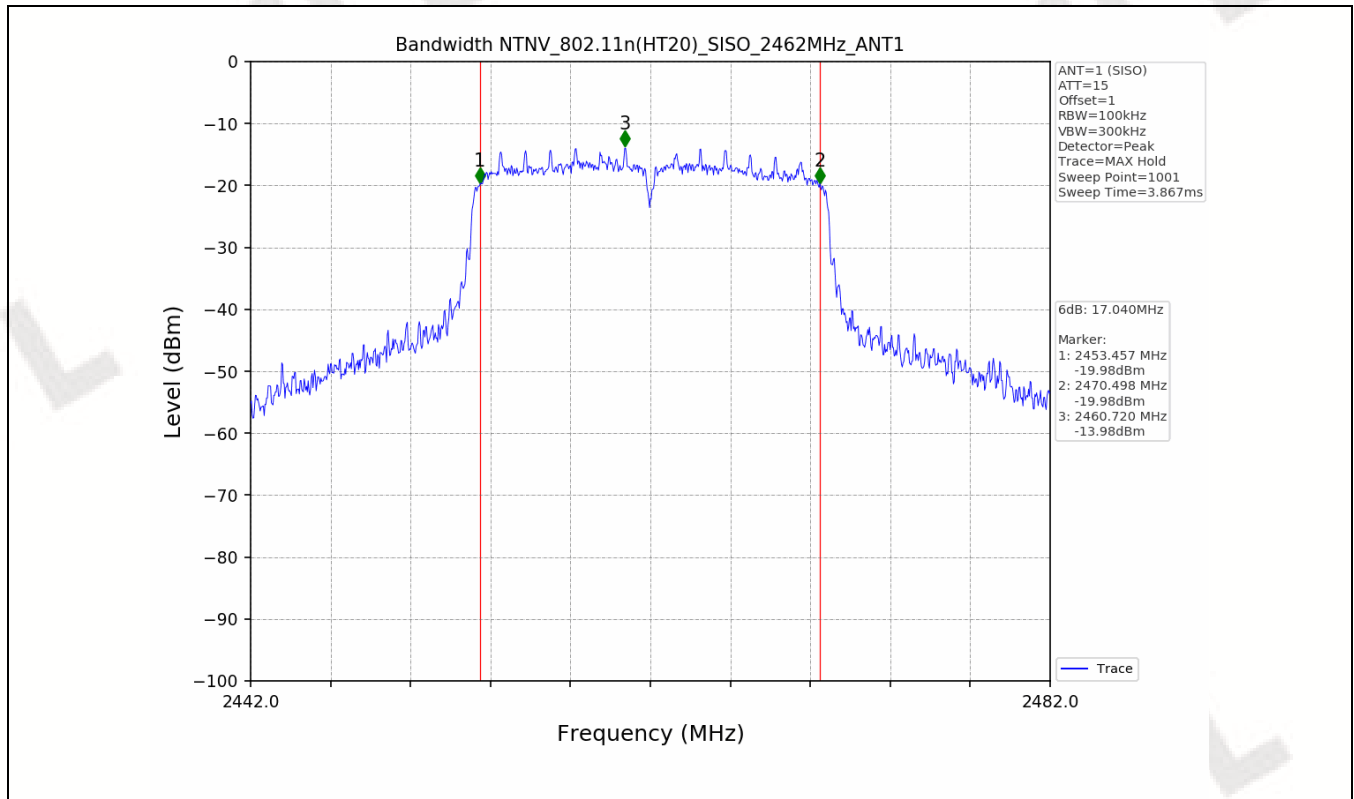
1.2 Test Graph - 6dB Bandwidth

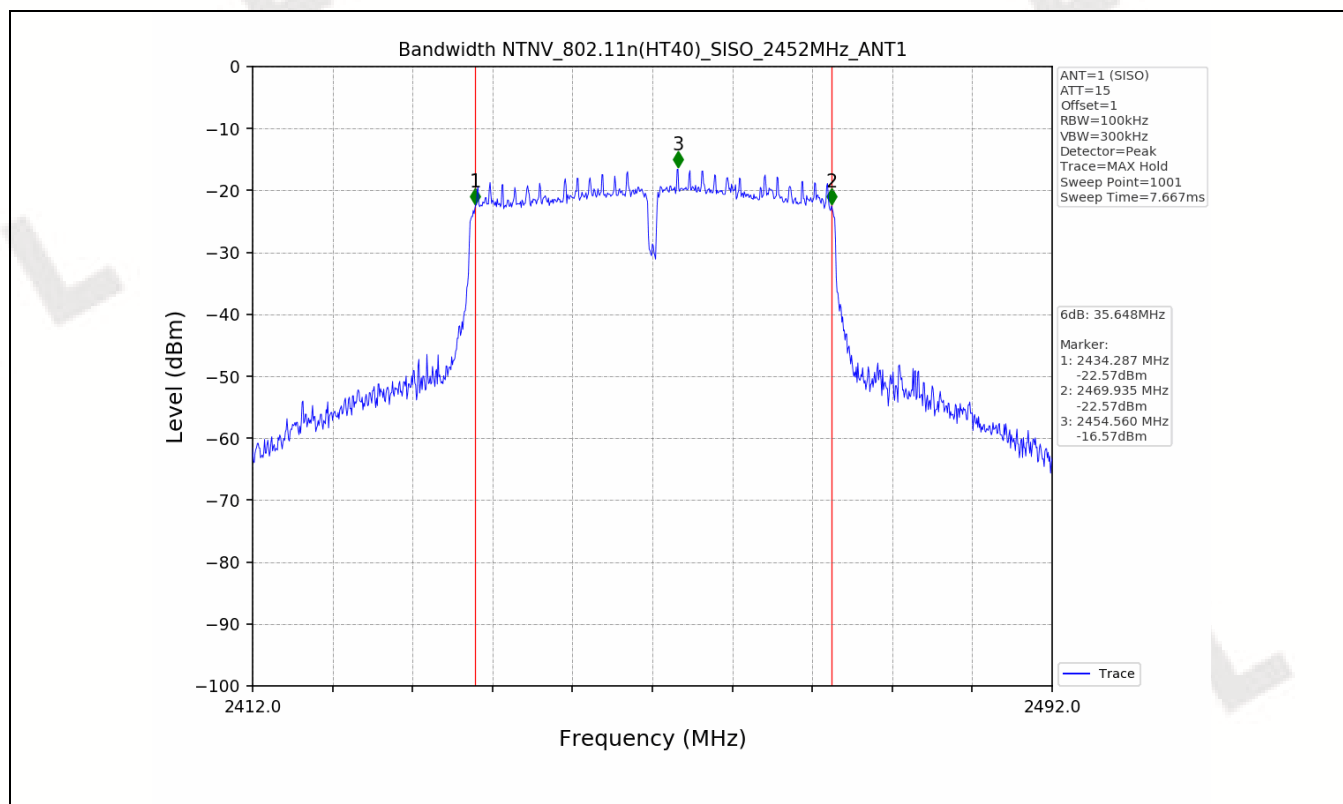
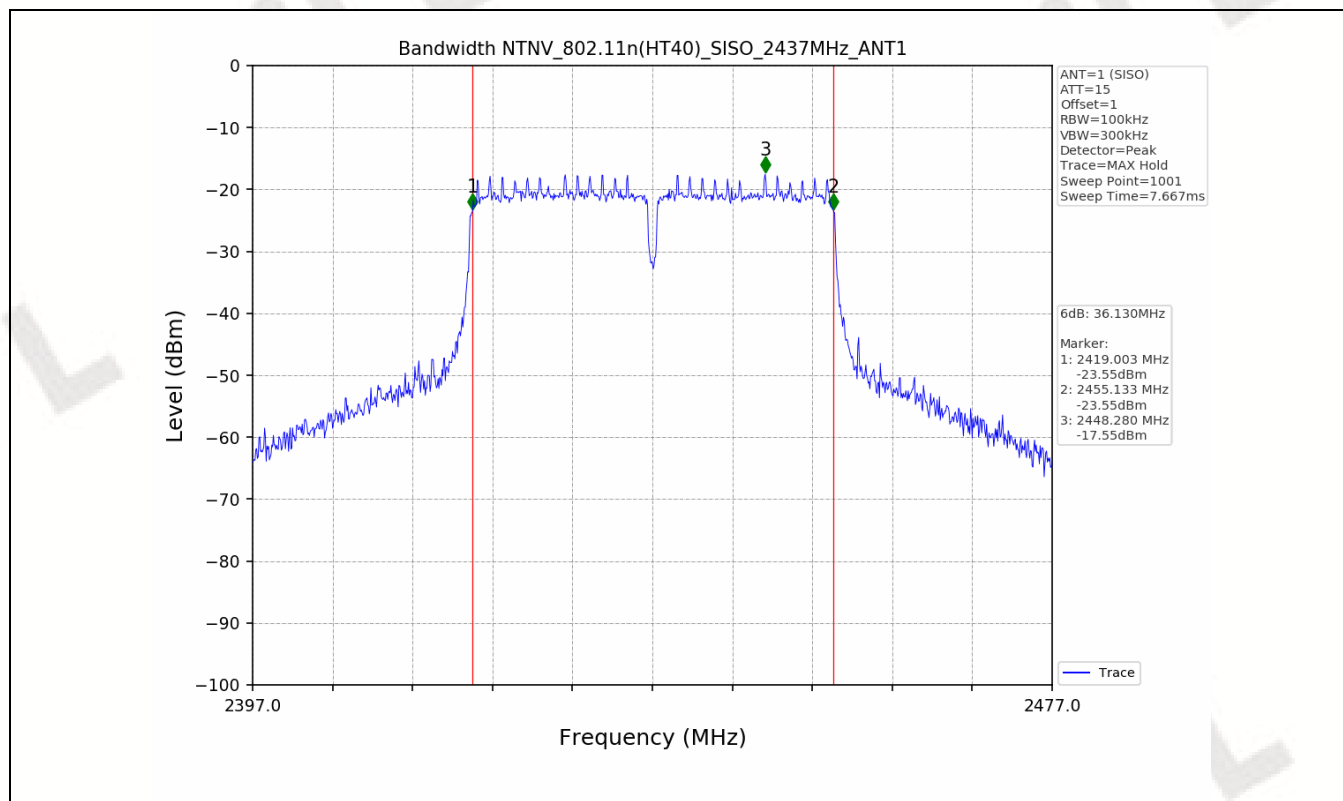




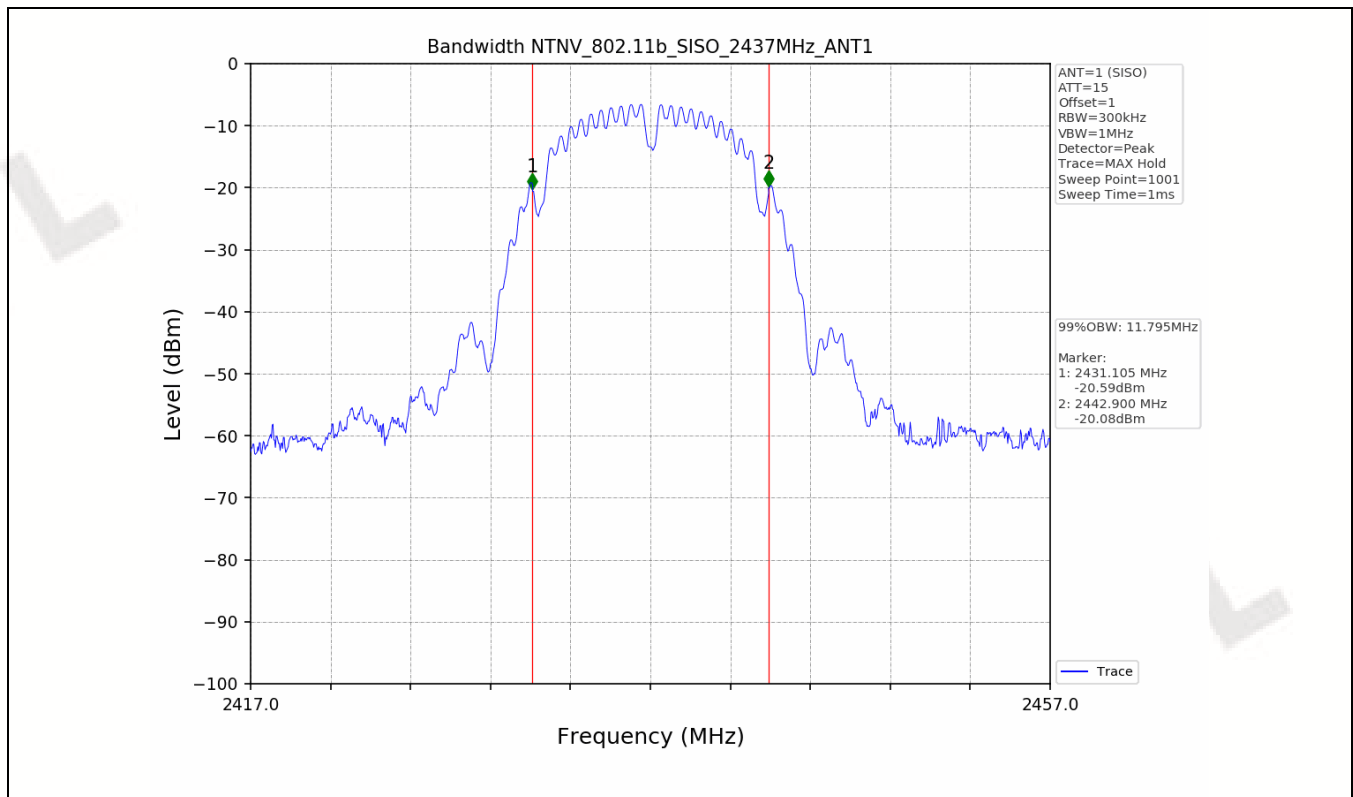
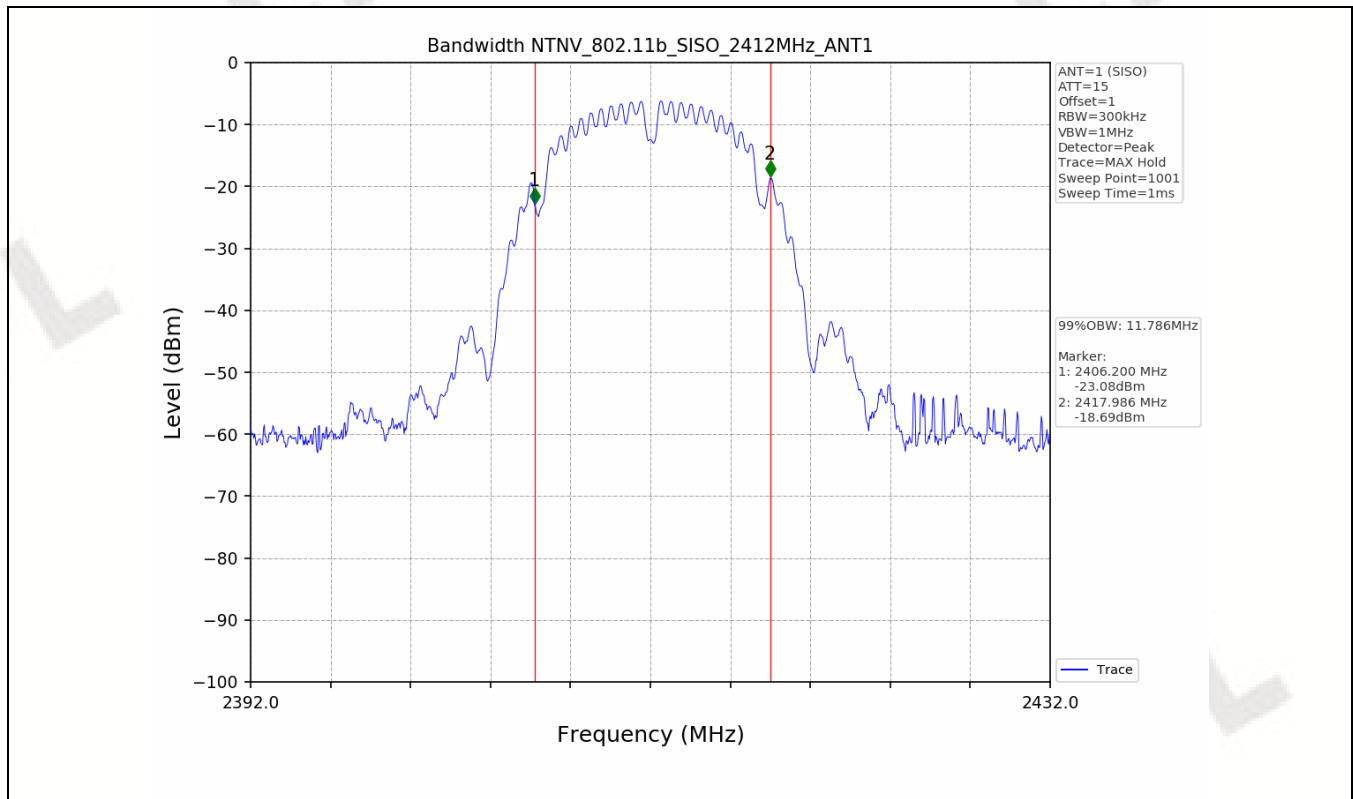


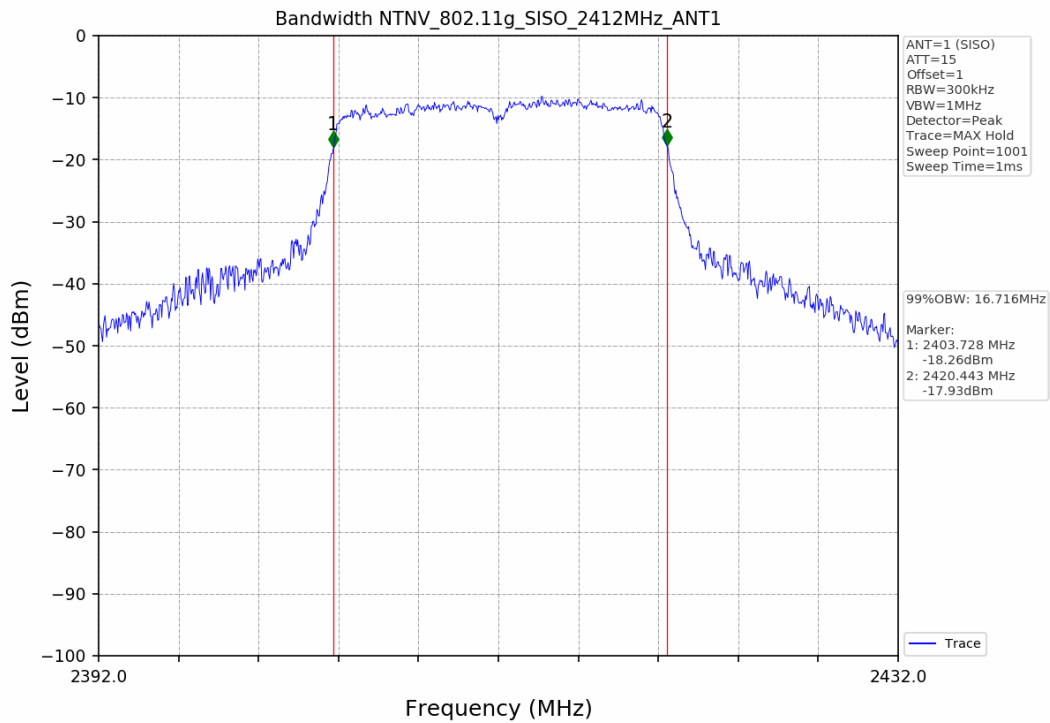
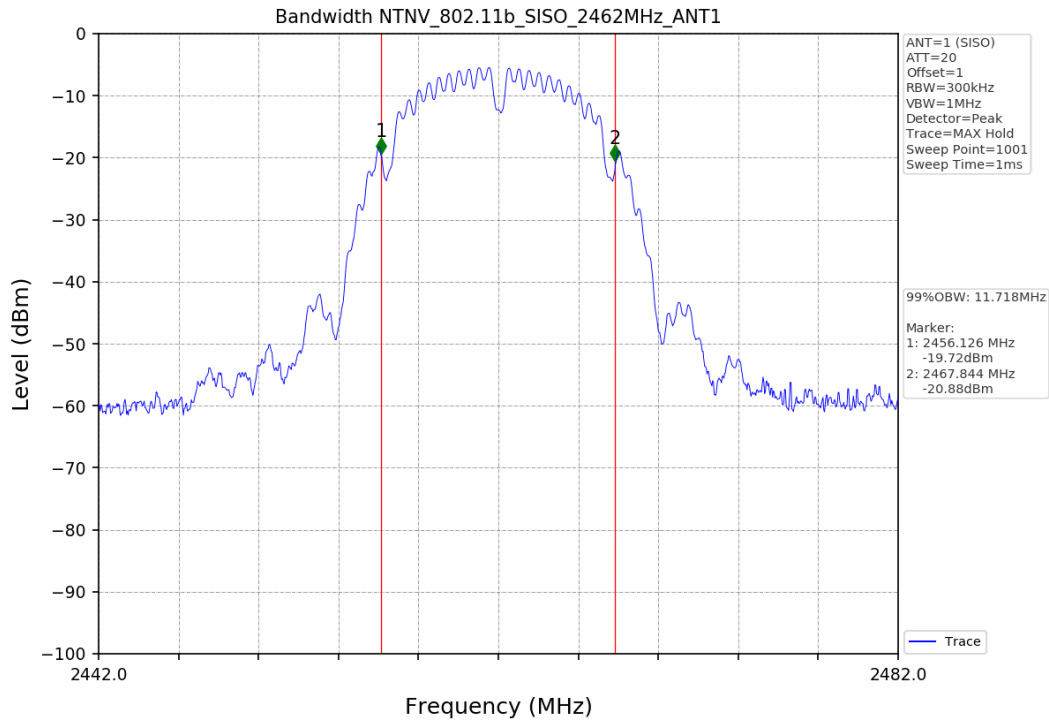


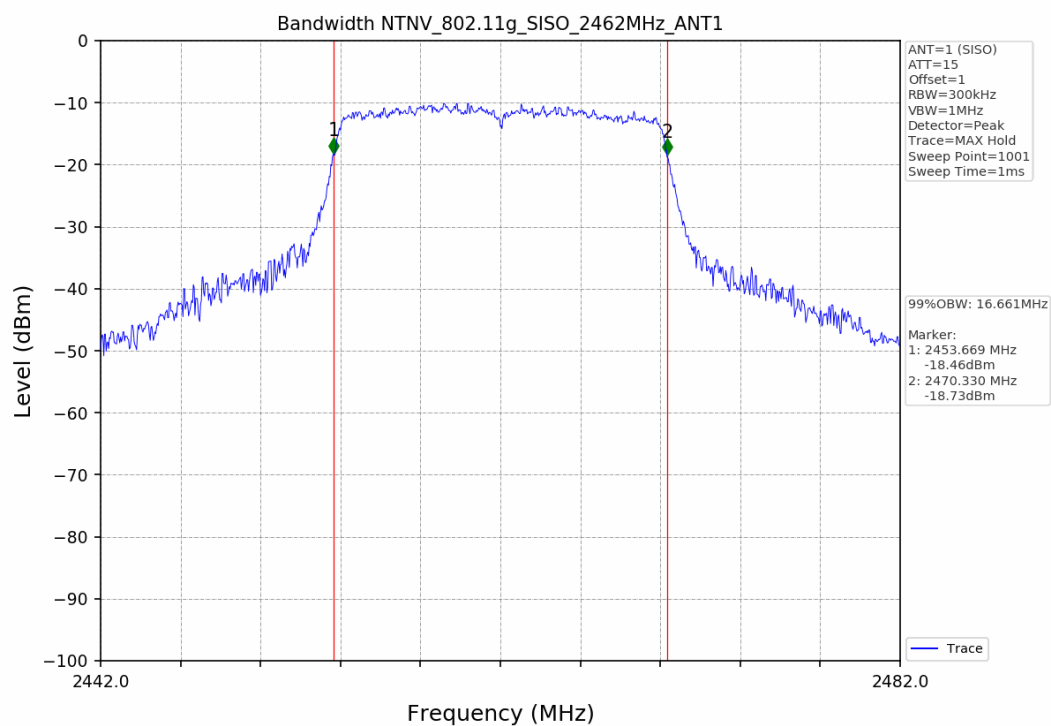
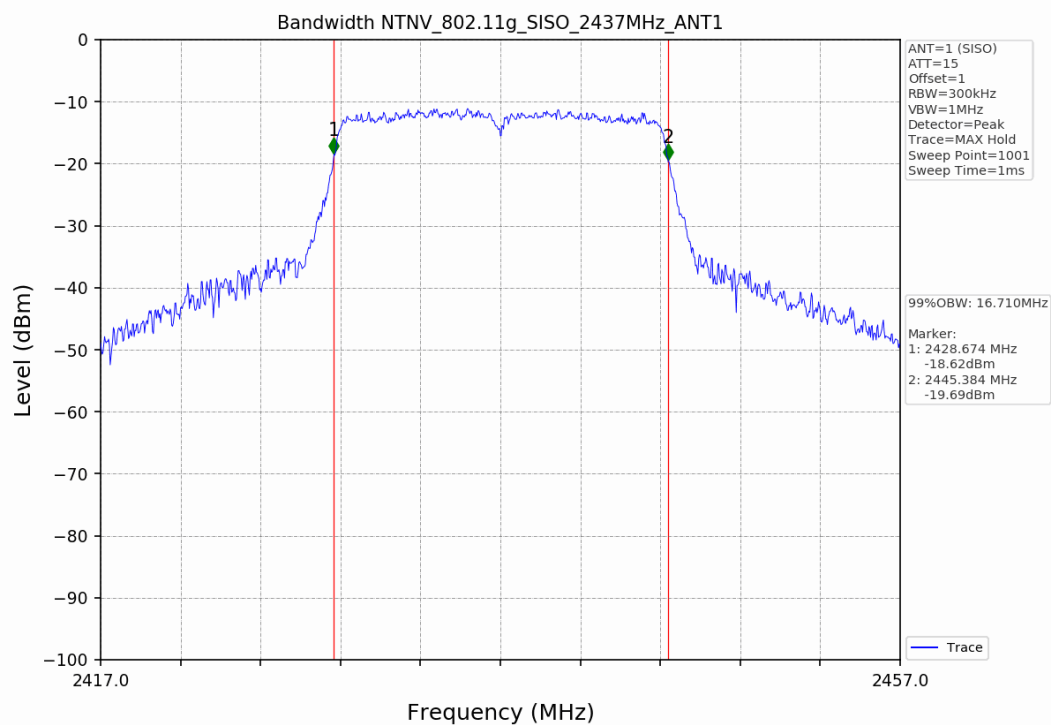


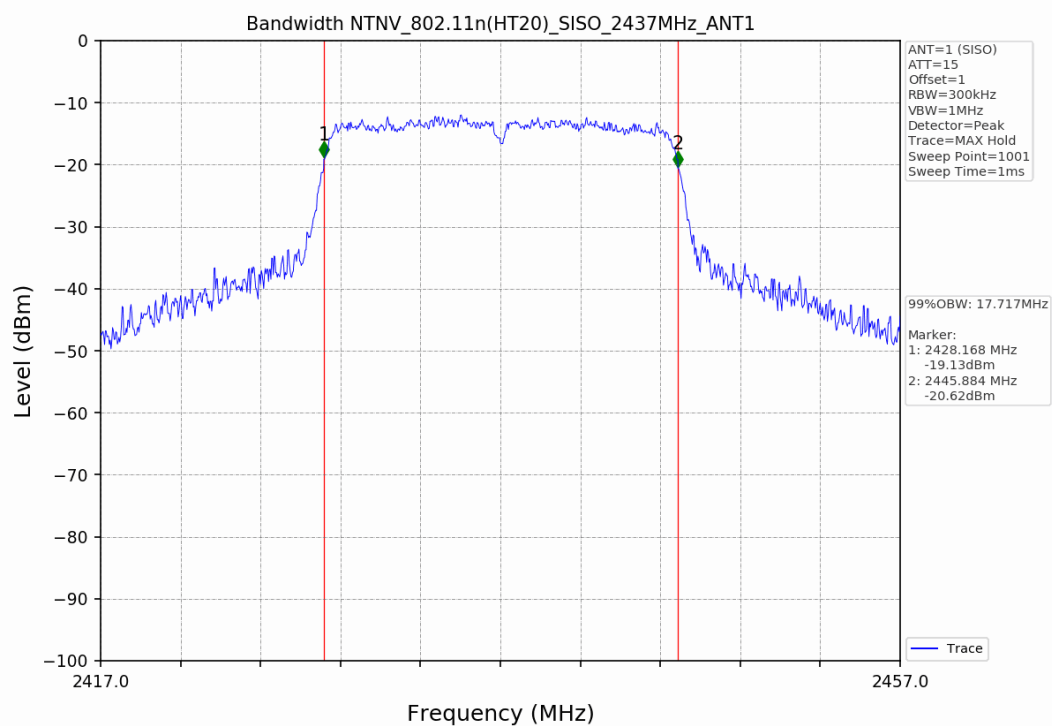
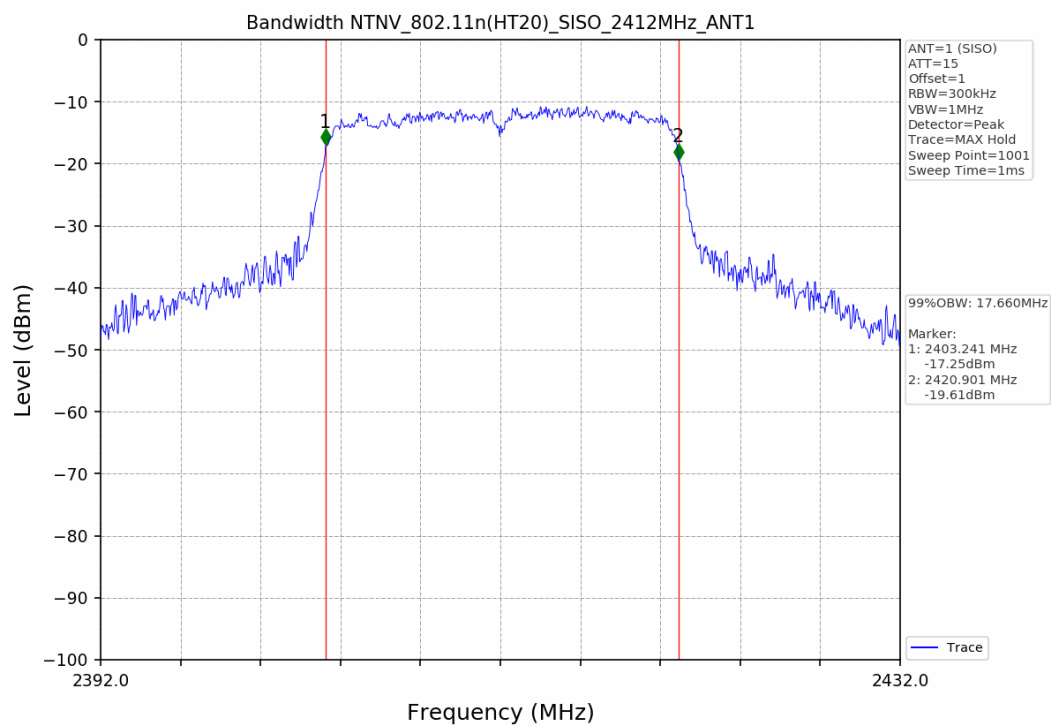


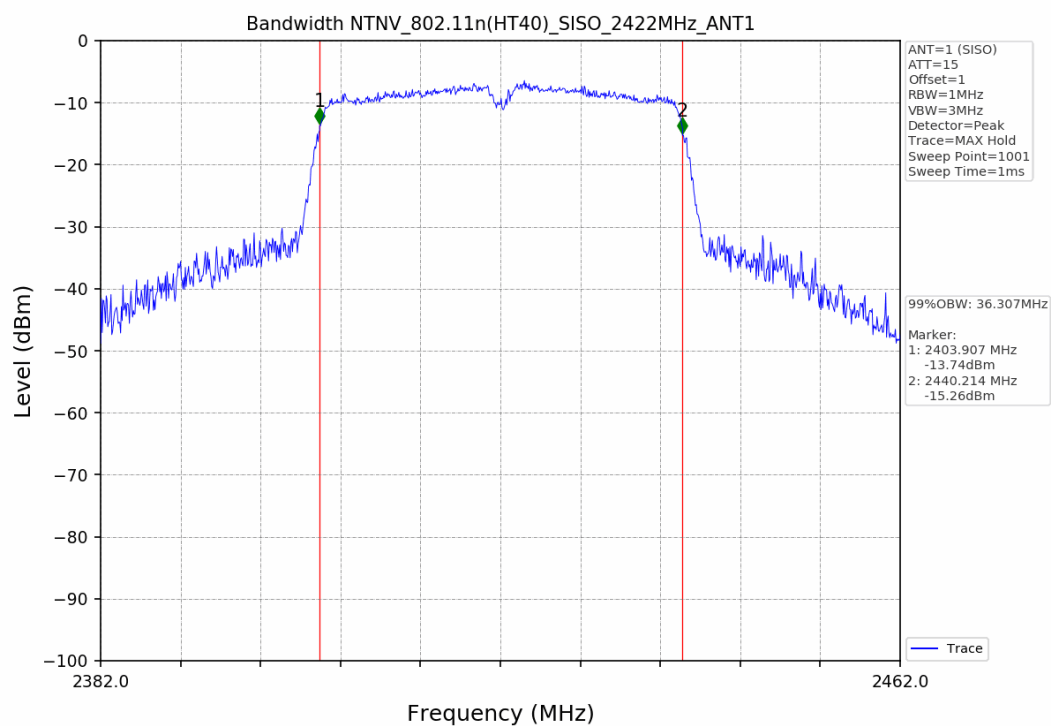
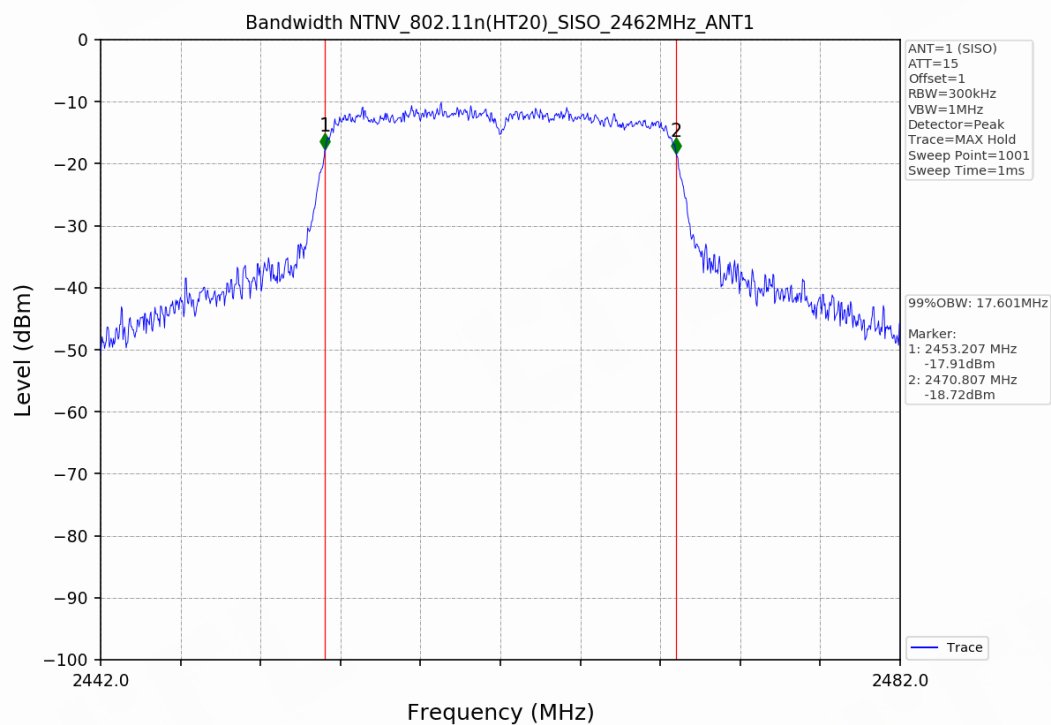
1.3 Test Graph - 99% Occupied Bandwidth

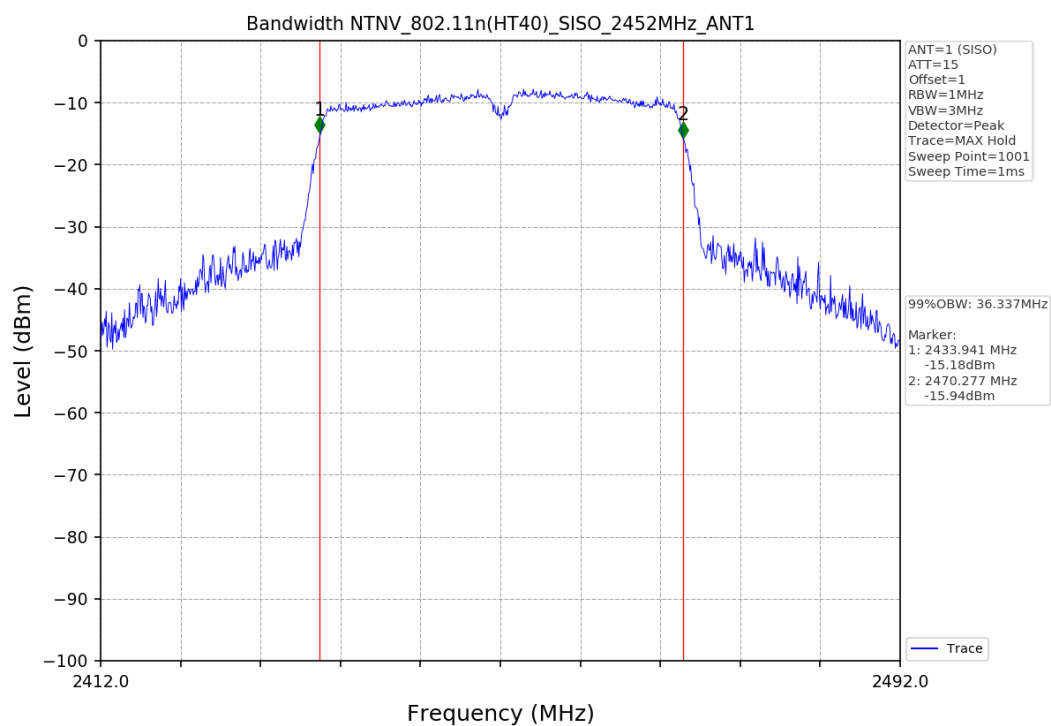
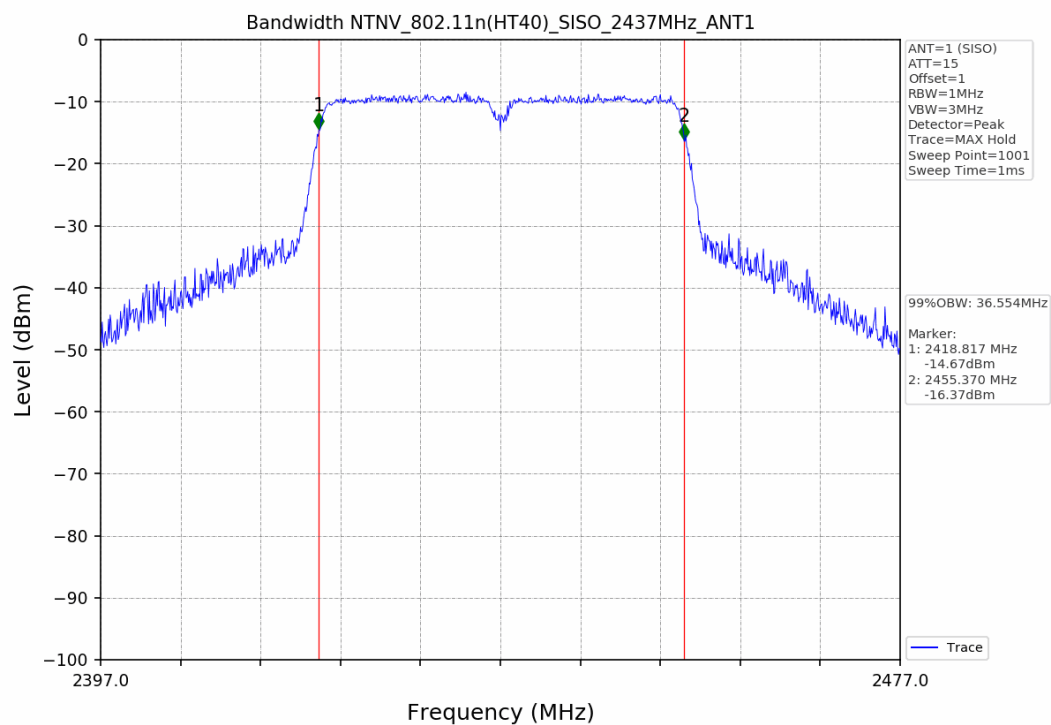










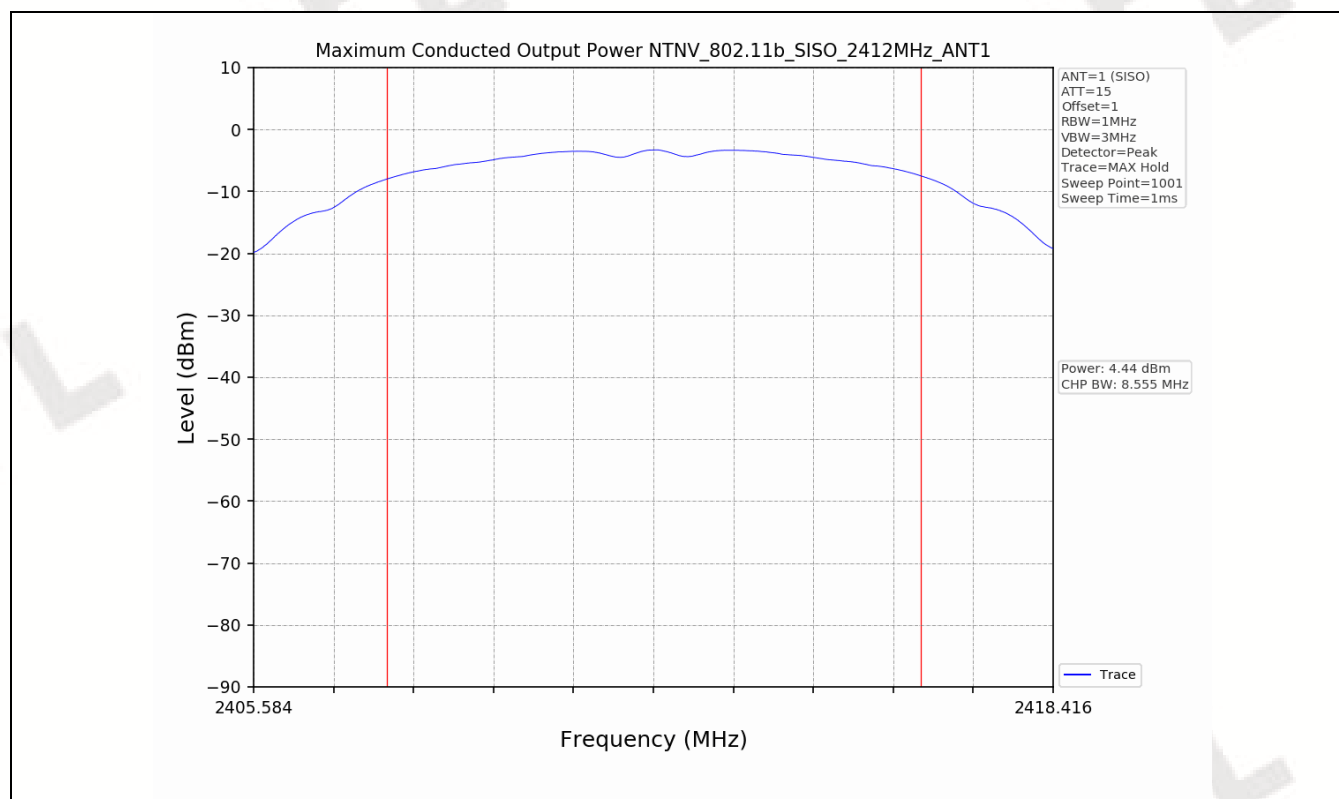


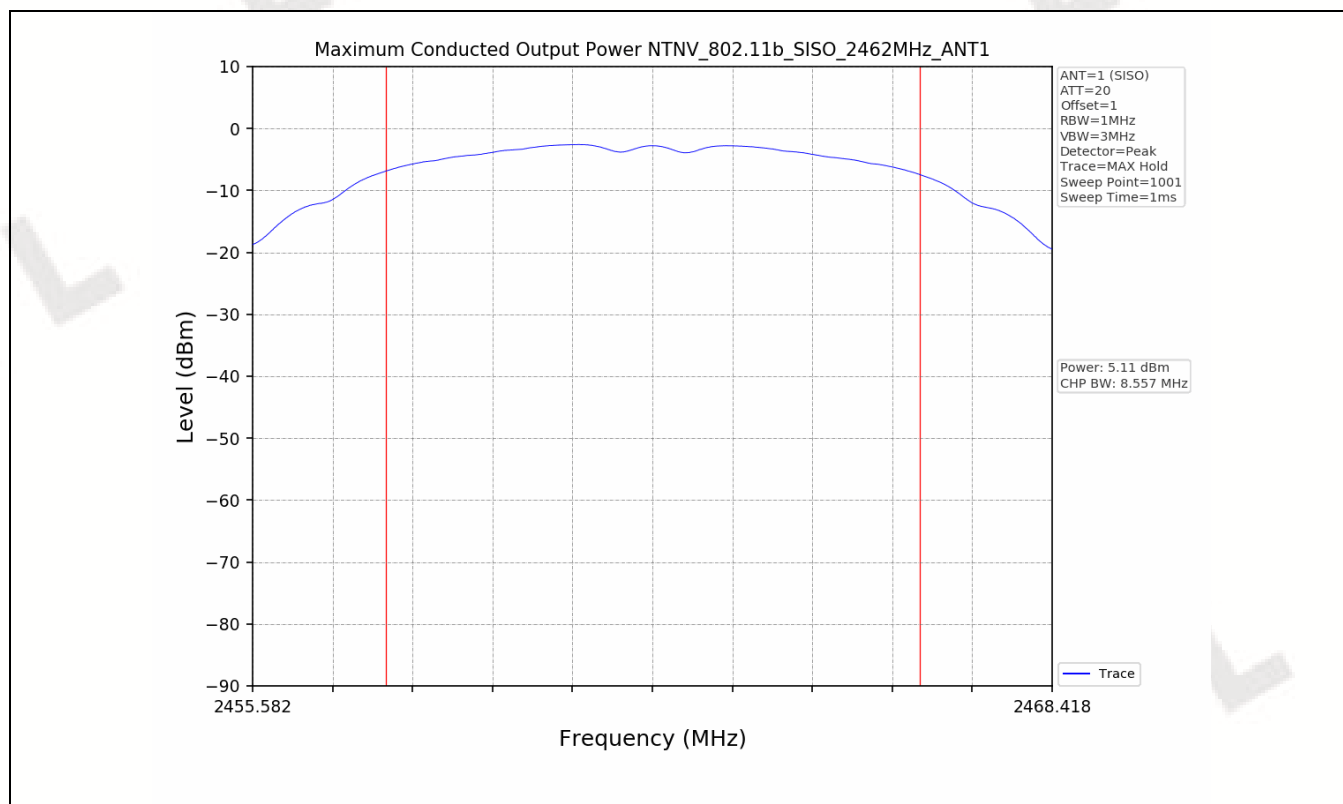
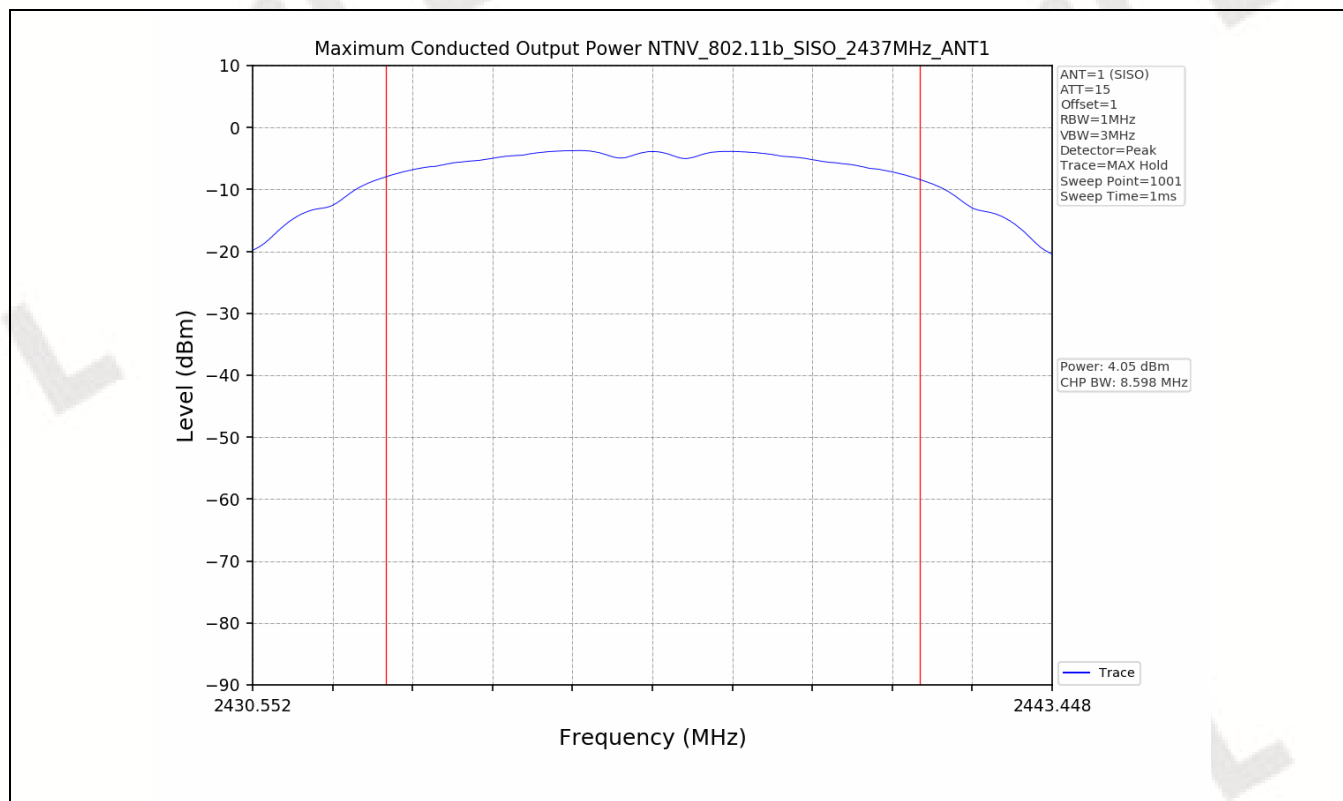
2. Maximum Conducted Output Power

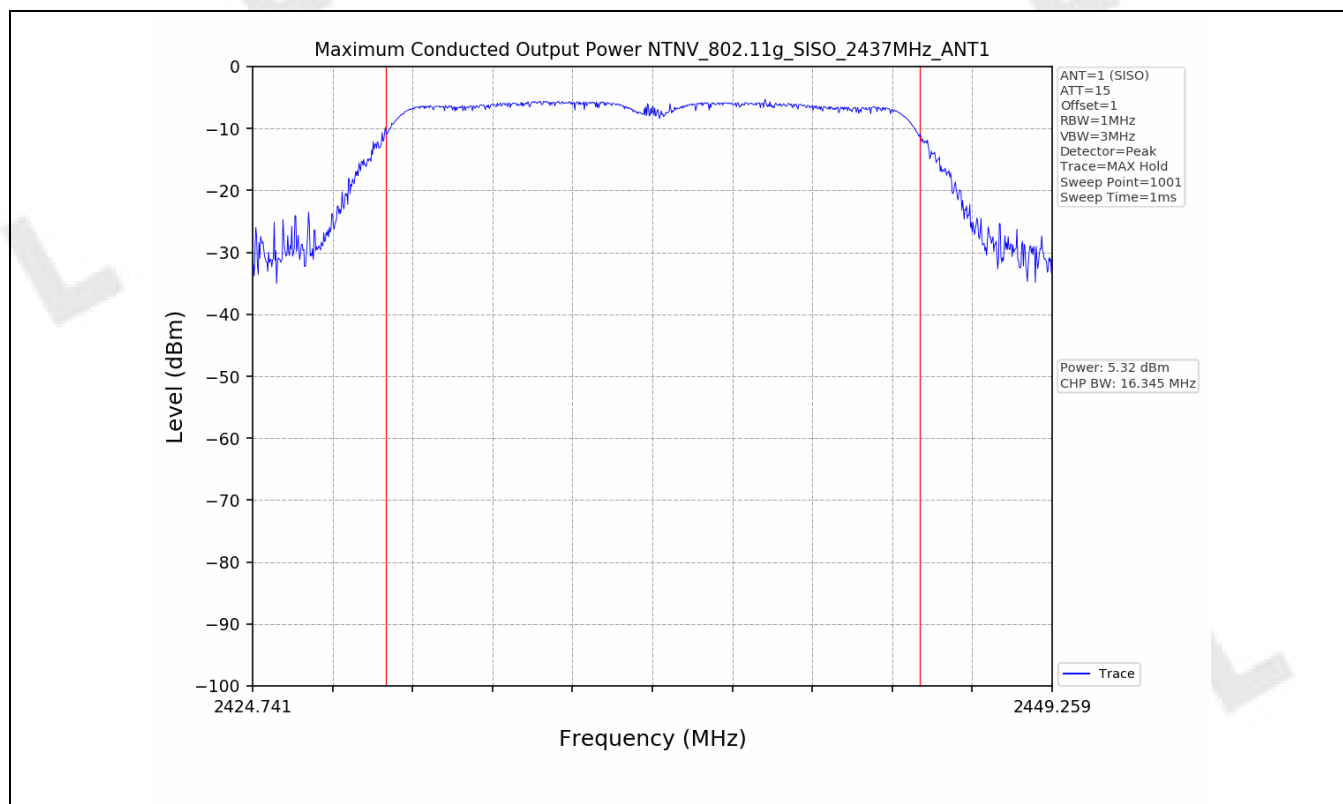
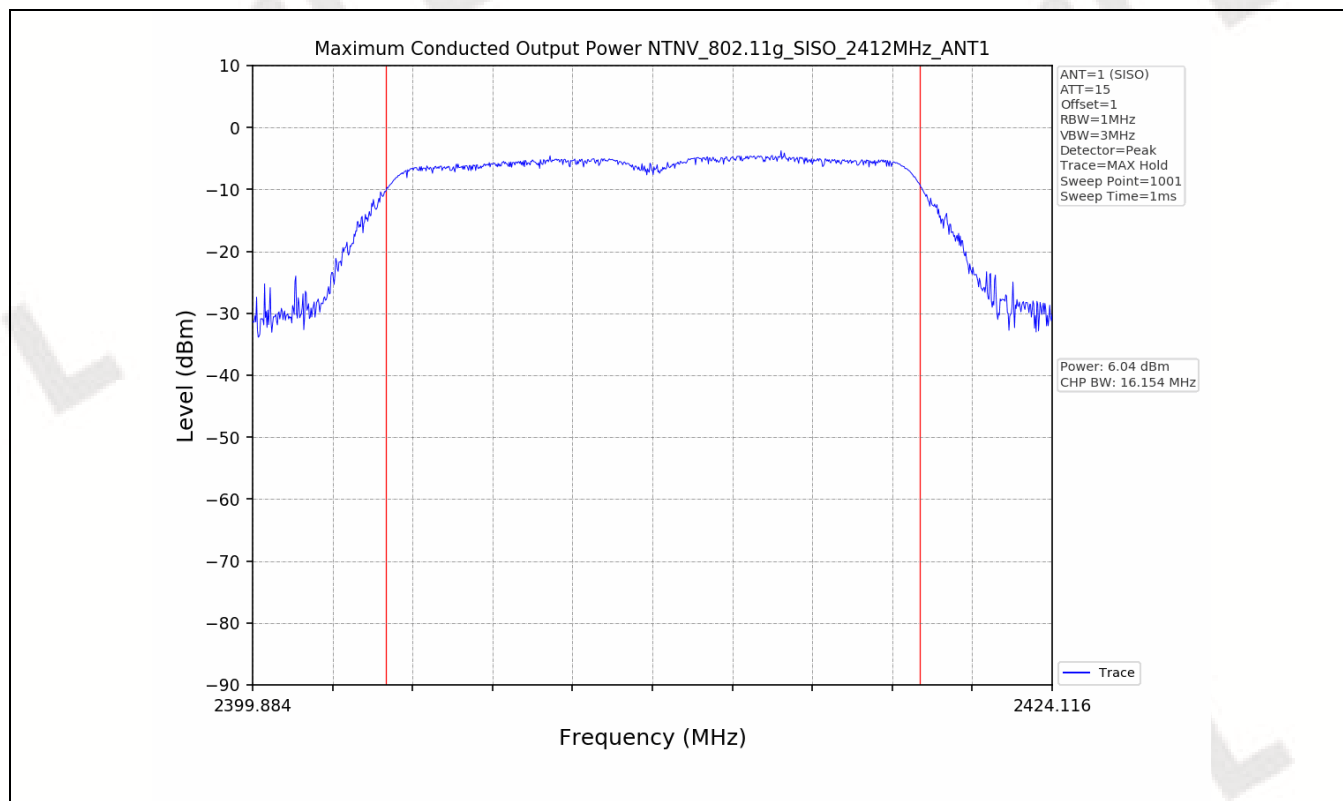
2.1 Test Result

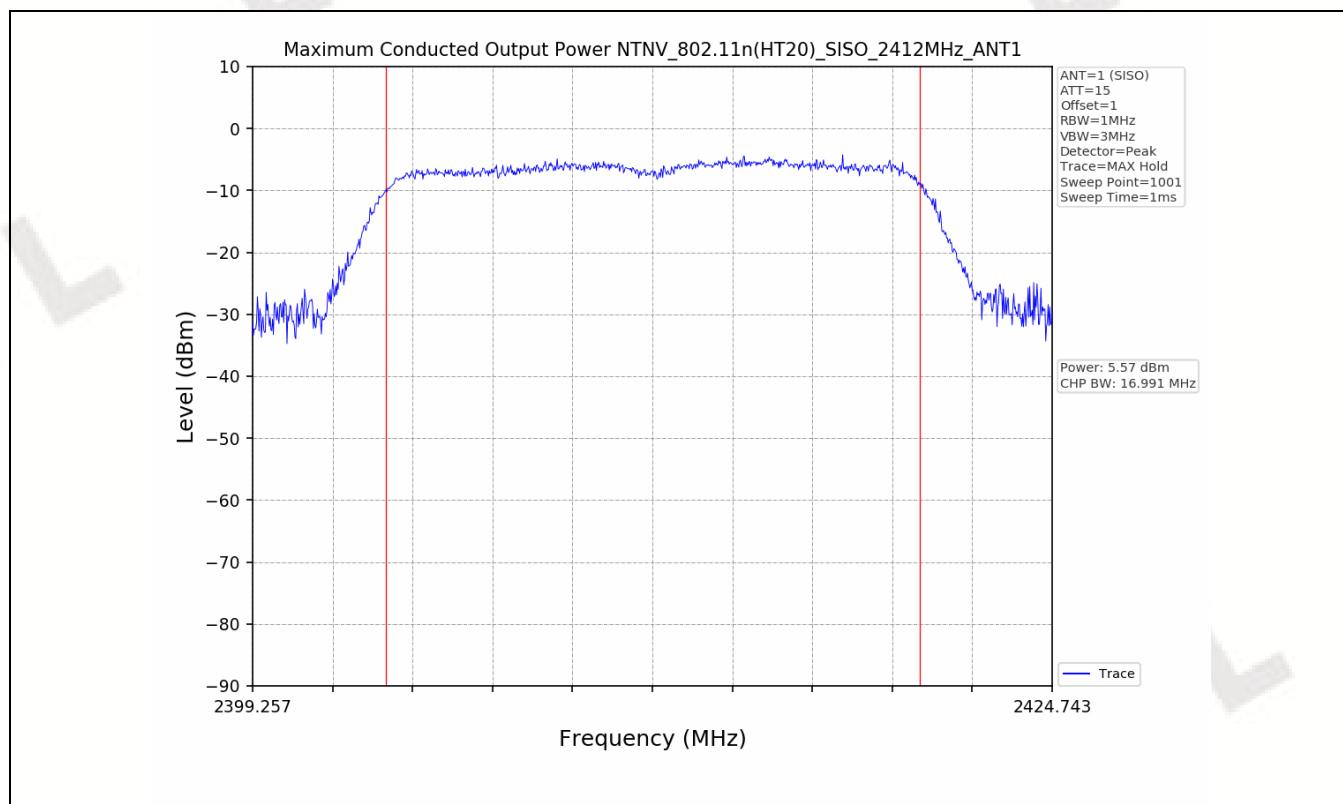
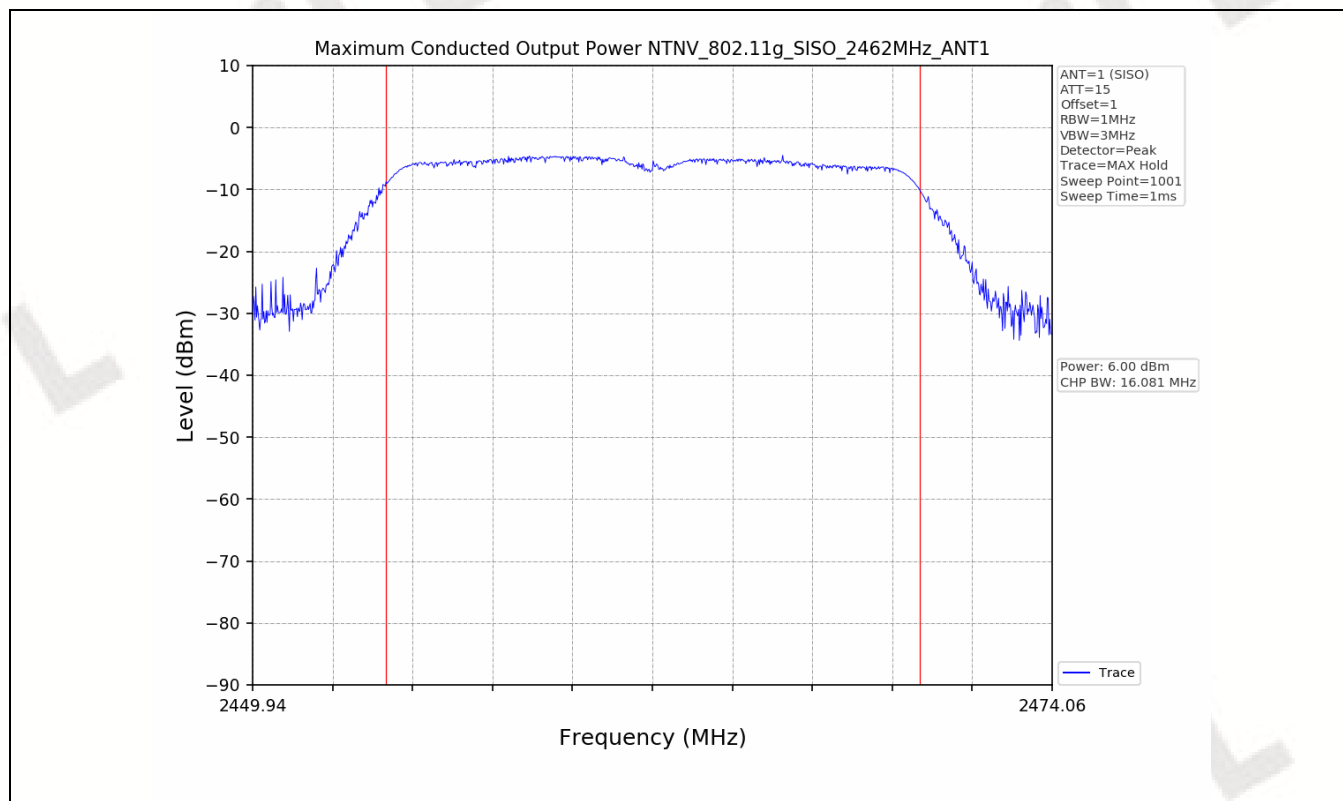
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
802.11b	2412	SISO	4.44	30	PASS
	2437	SISO	4.05	30	PASS
	2462	SISO	5.11	30	PASS
802.11g	2412	SISO	6.04	30	PASS
	2437	SISO	5.32	30	PASS
	2462	SISO	6.00	30	PASS
802.11n(HT20)	2412	SISO	5.57	30	PASS
	2437	SISO	4.37	30	PASS
	2462	SISO	5.47	30	PASS
802.11n(HT40)	2422	SISO	6.22	30	PASS
	2437	SISO	5.08	30	PASS
	2452	SISO	5.16	30	PASS

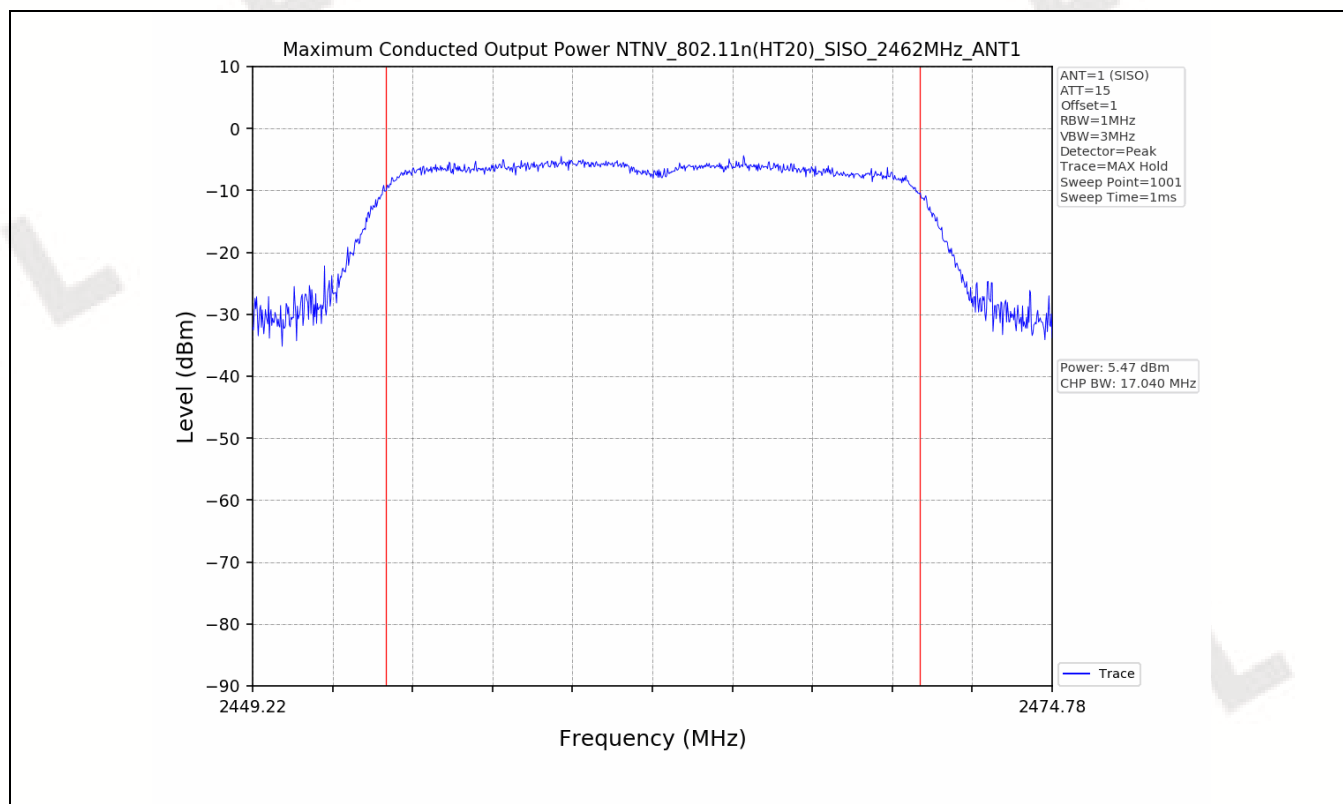
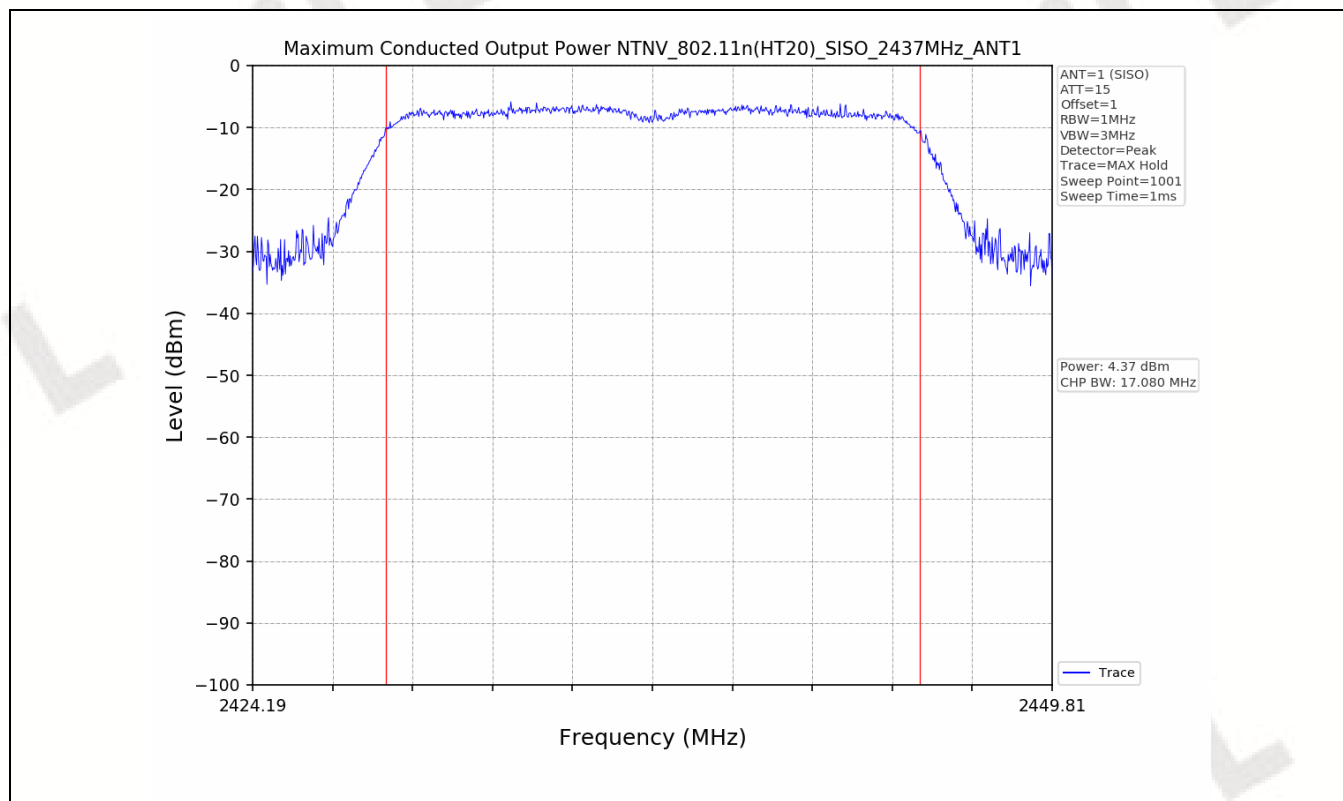
2.2 Test Graph

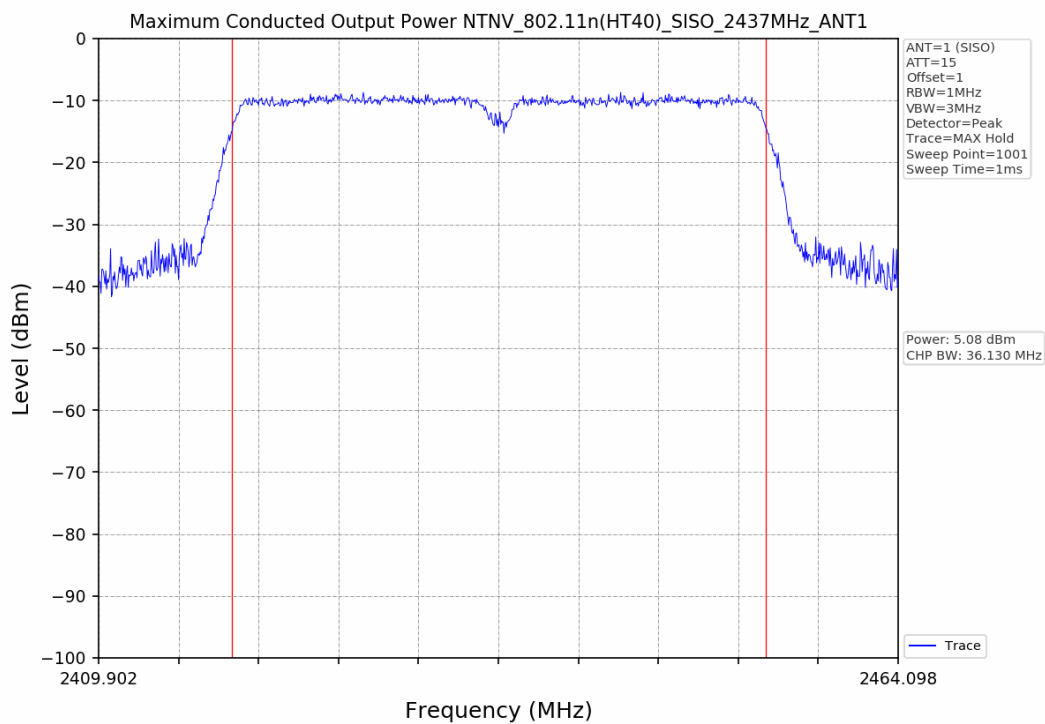
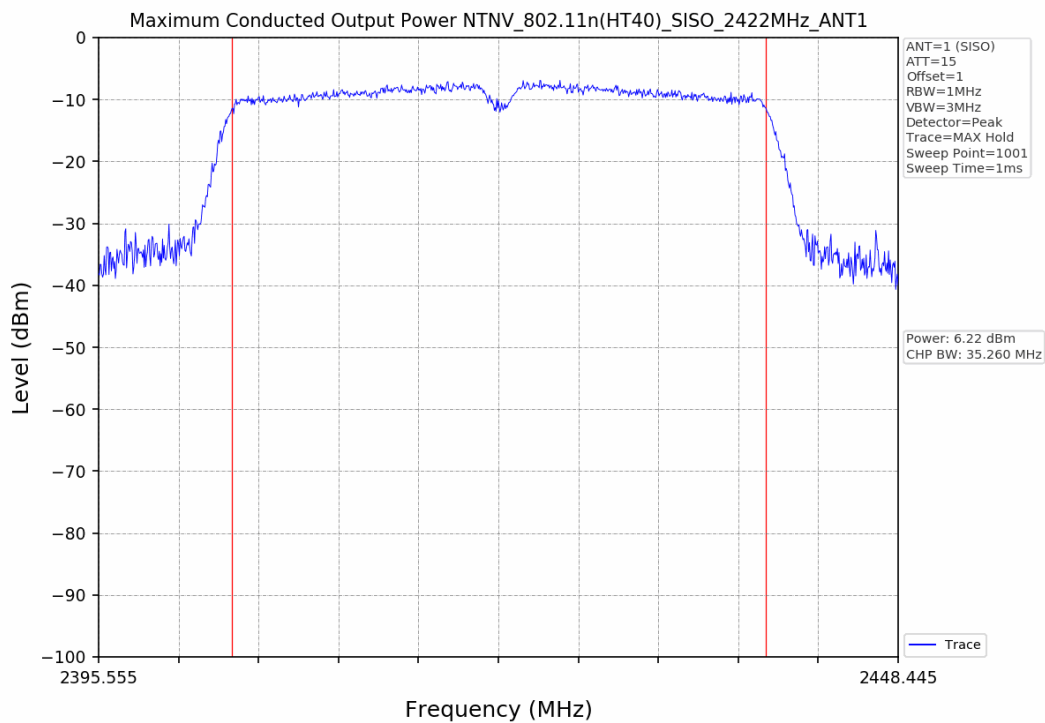


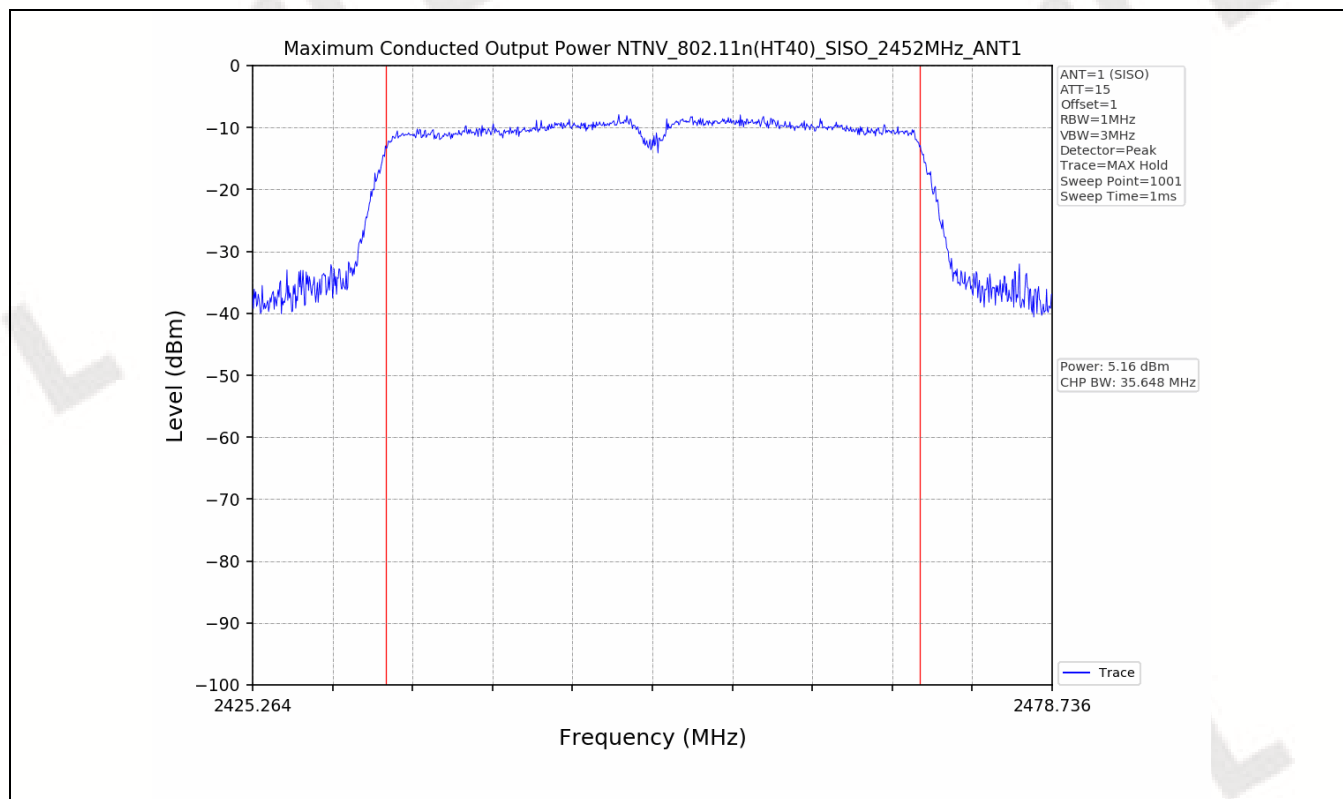










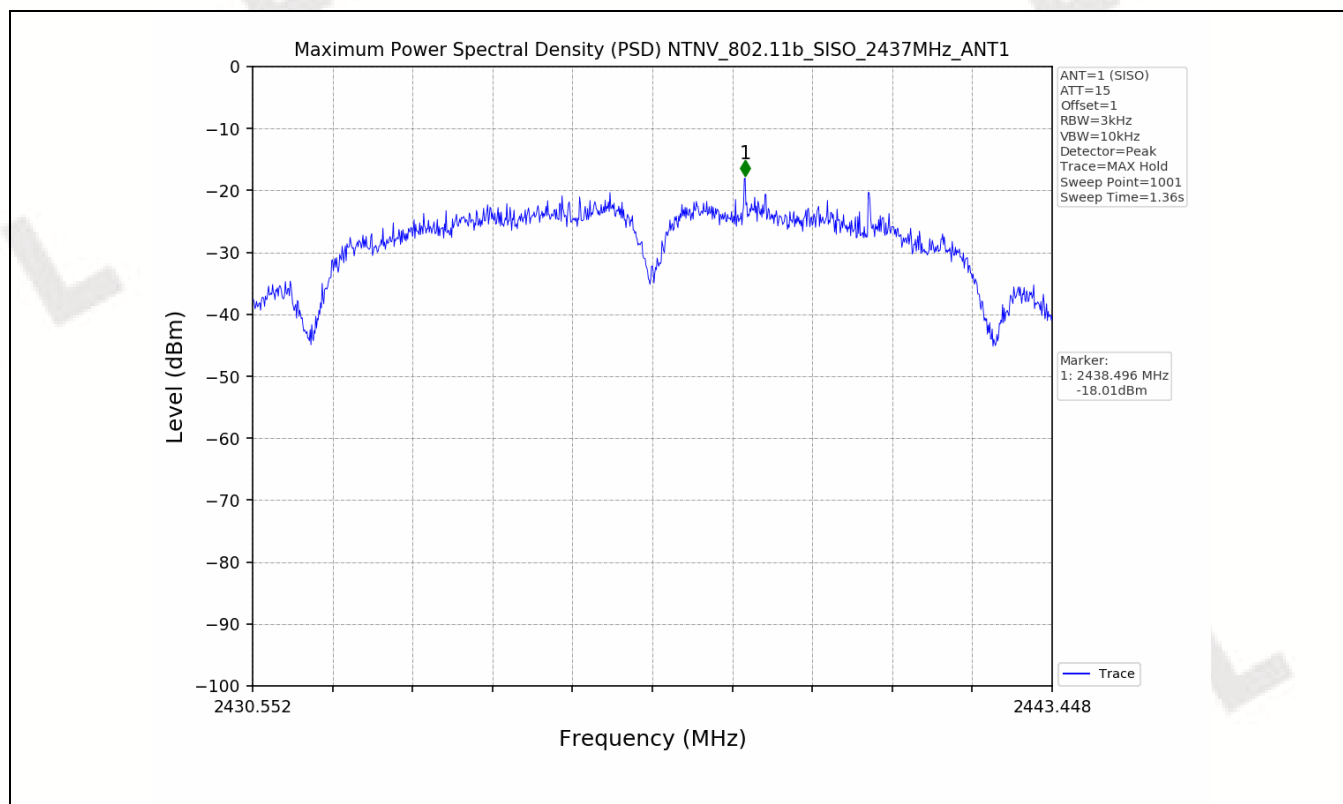
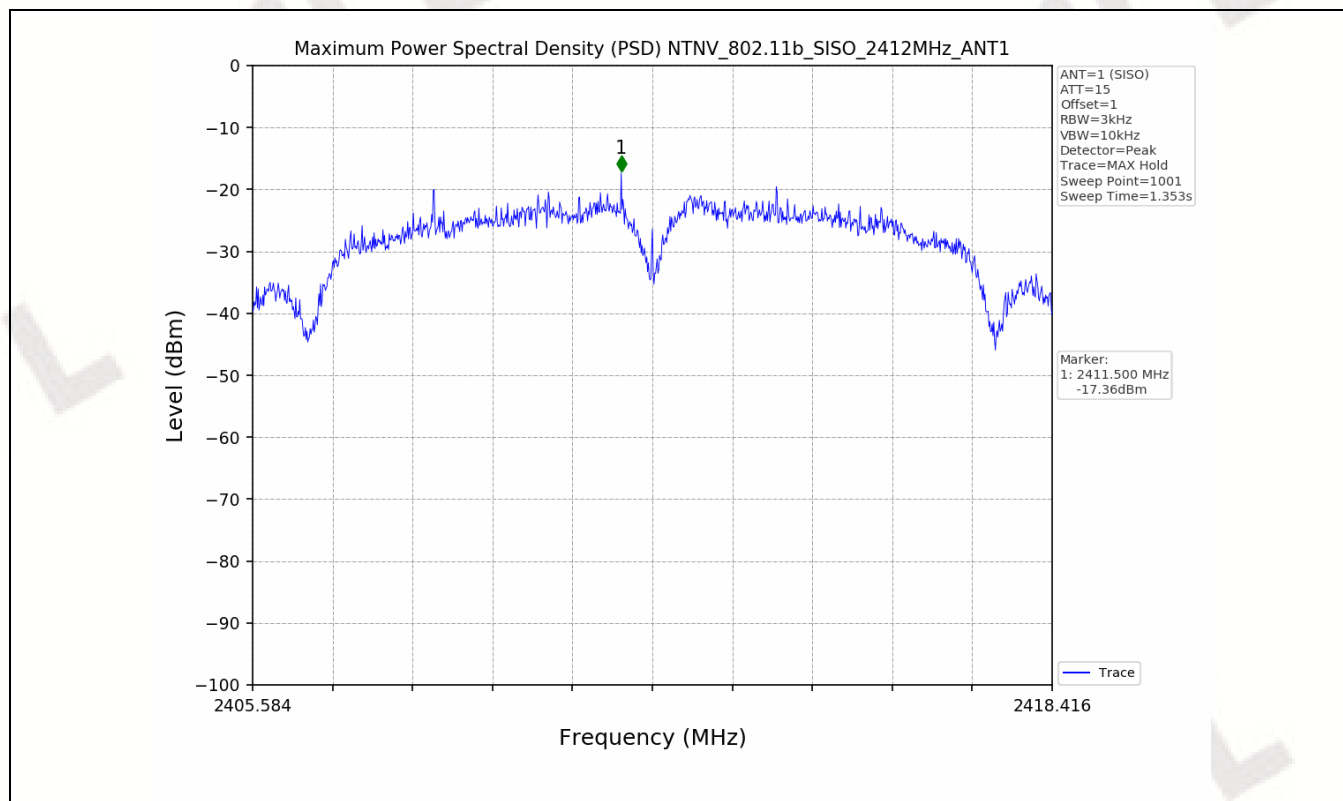


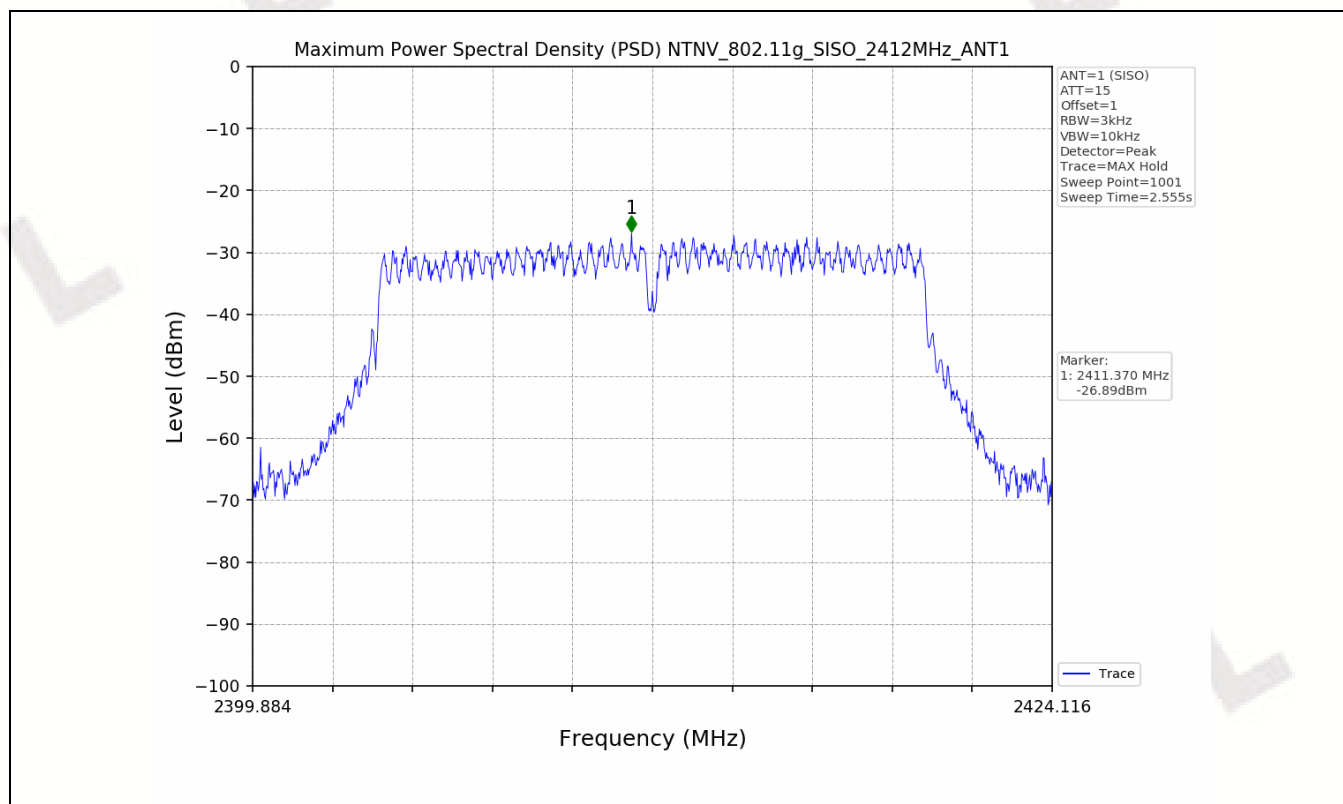
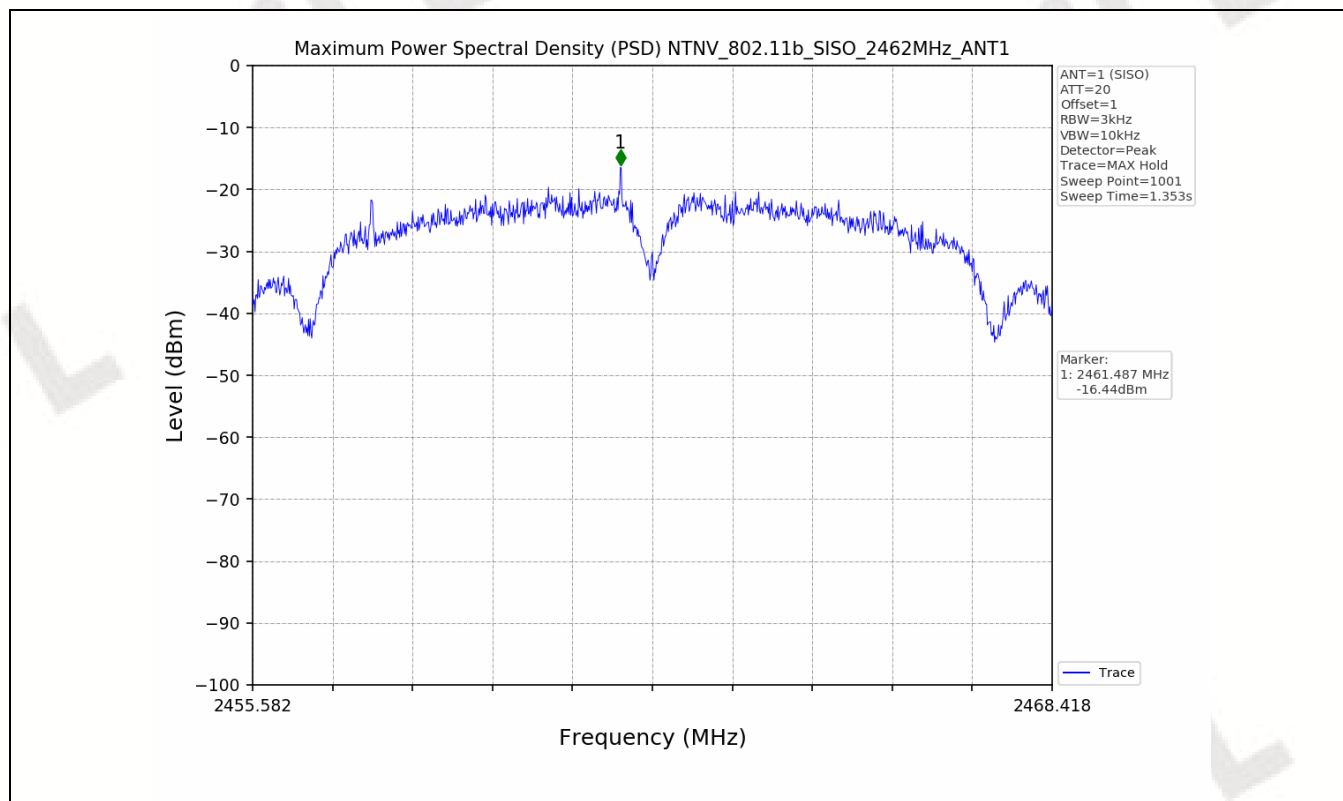
3. Maximum Power Spectral Density (PSD)

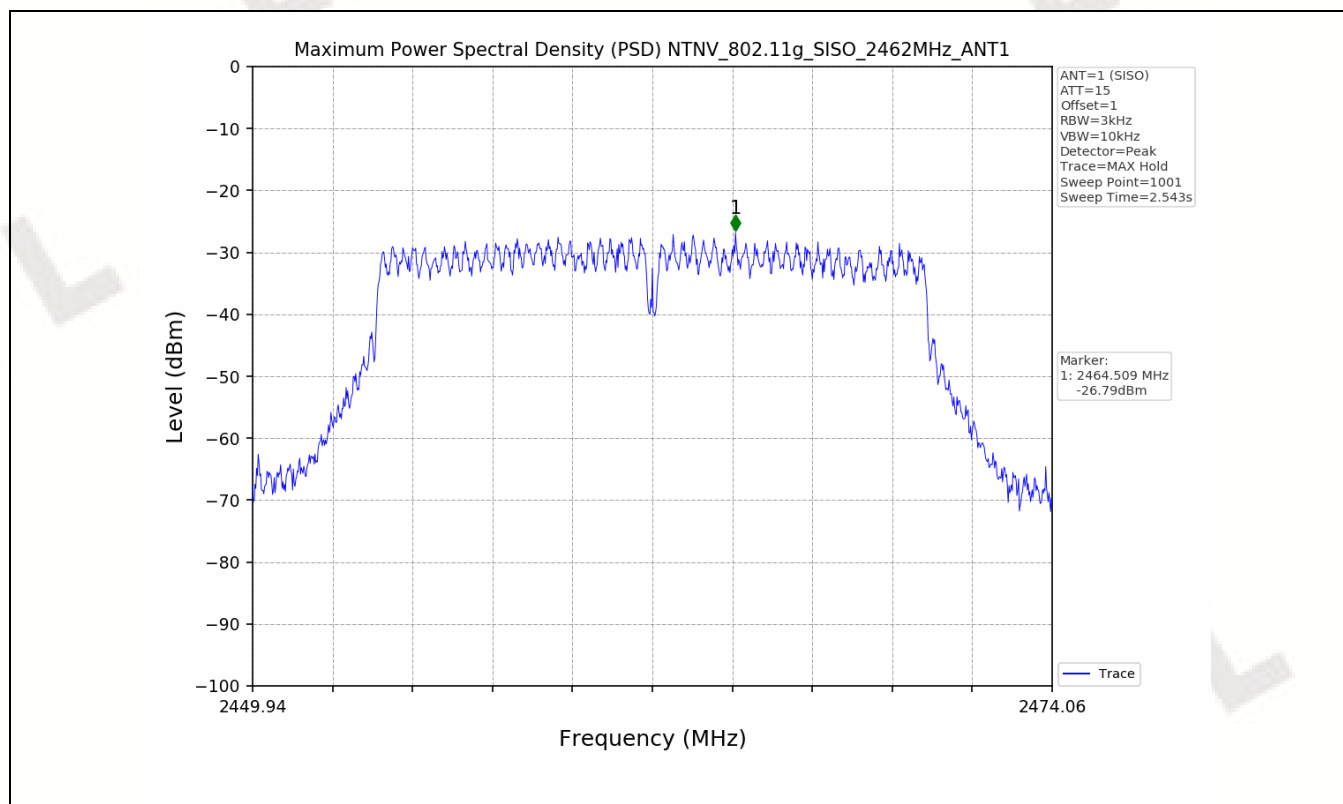
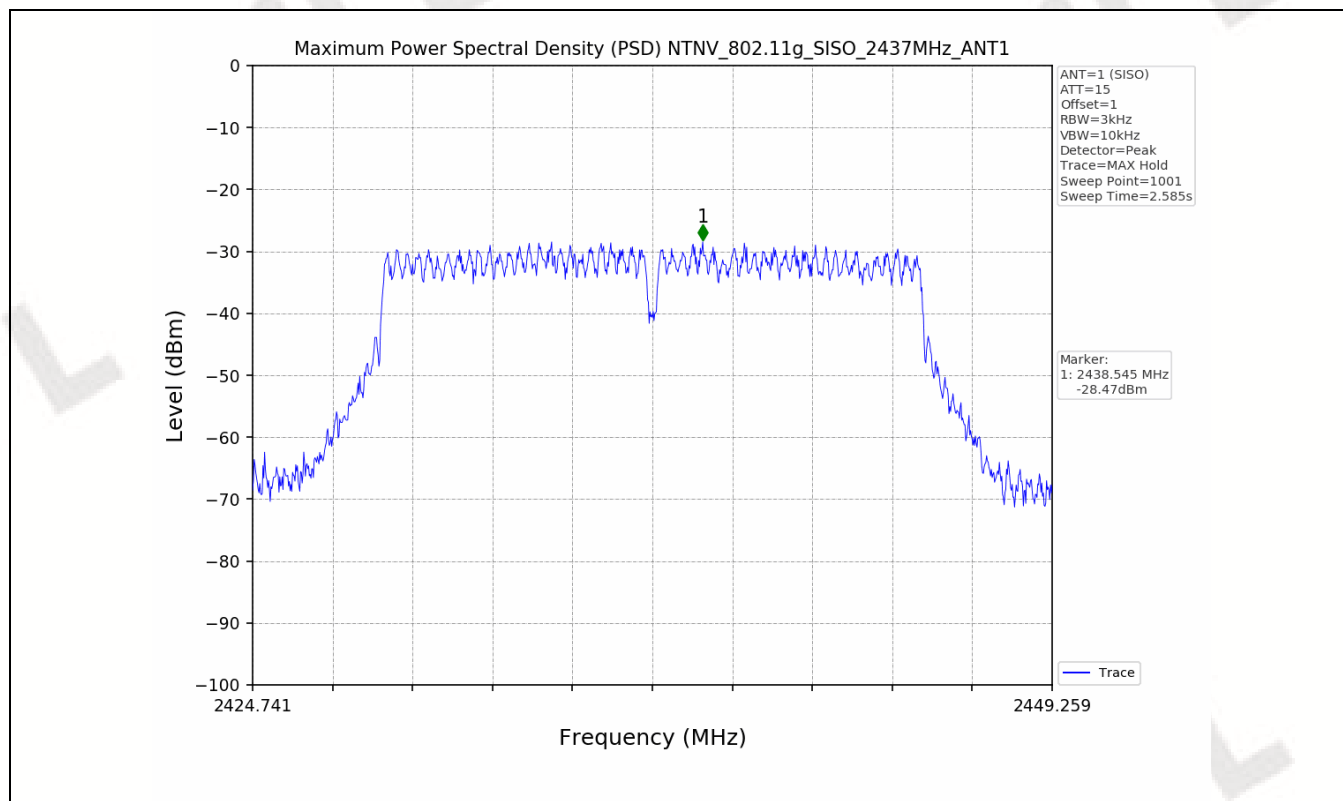
3.1 Test Result

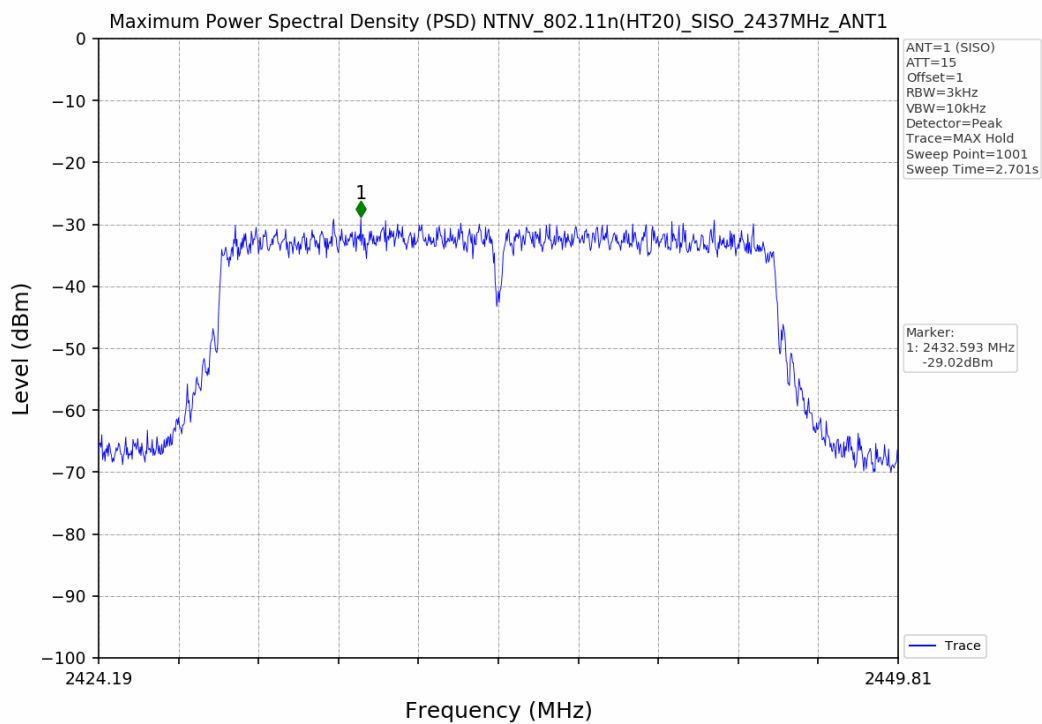
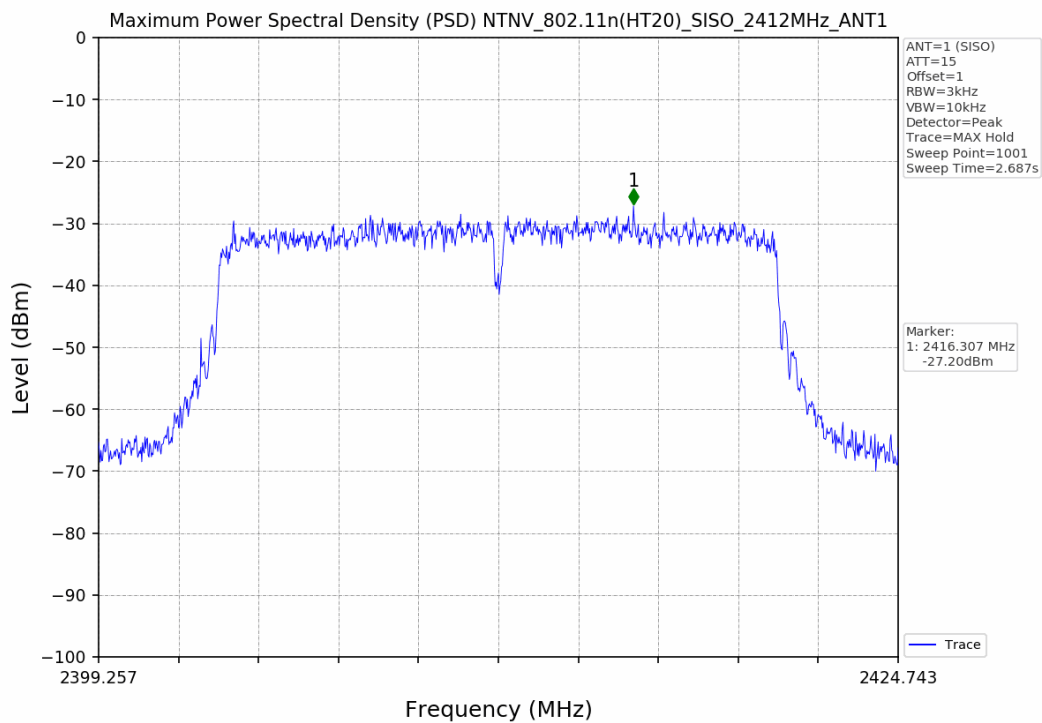
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3KHz)	Verdict
			Ant 1		
802.11b	2412	SISO	-17.36	≤8	PASS
	2437	SISO	-18.01	≤8	PASS
	2462	SISO	-16.44	≤8	PASS
802.11g	2412	SISO	-26.89	≤8	PASS
	2437	SISO	-28.47	≤8	PASS
	2462	SISO	-26.79	≤8	PASS
802.11n(HT20)	2412	SISO	-27.20	≤8	PASS
	2437	SISO	-29.02	≤8	PASS
	2462	SISO	-26.91	≤8	PASS
802.11n(HT40)	2422	SISO	-30.99	≤8	PASS
	2437	SISO	-31.54	≤8	PASS
	2452	SISO	-31.10	≤8	PASS

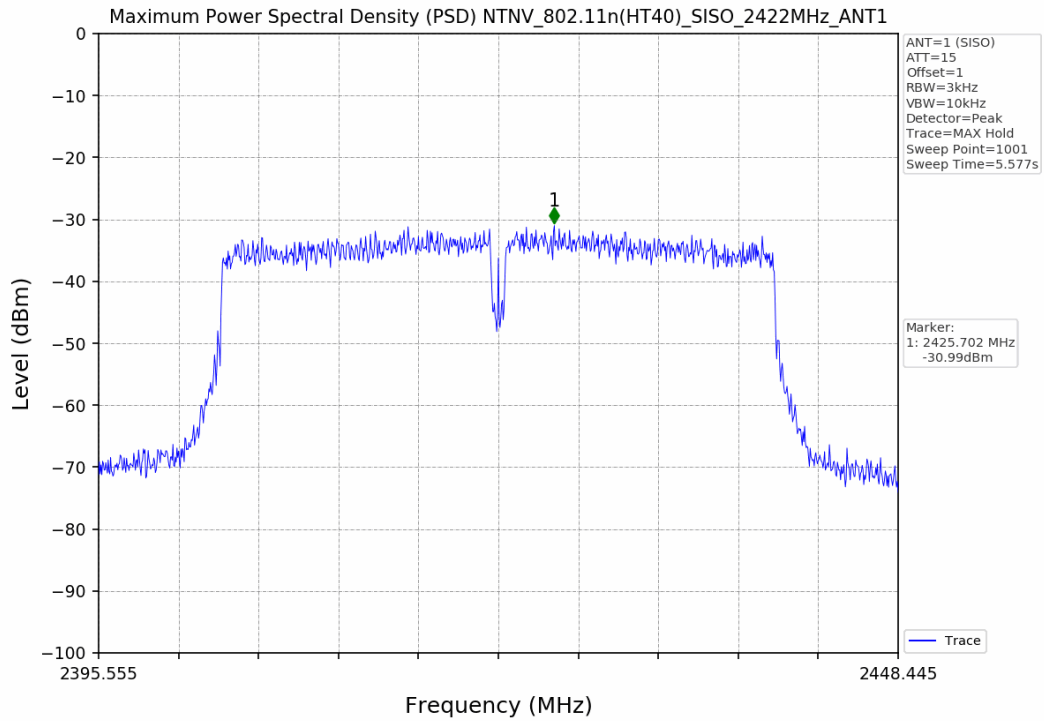
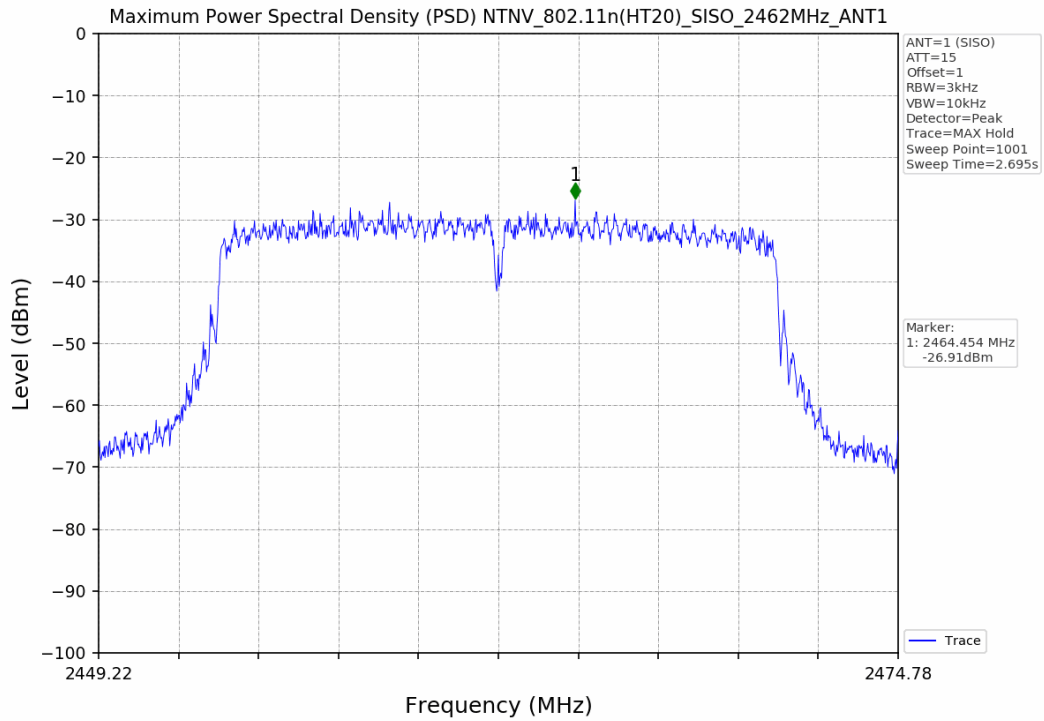
3.2 Test Graph

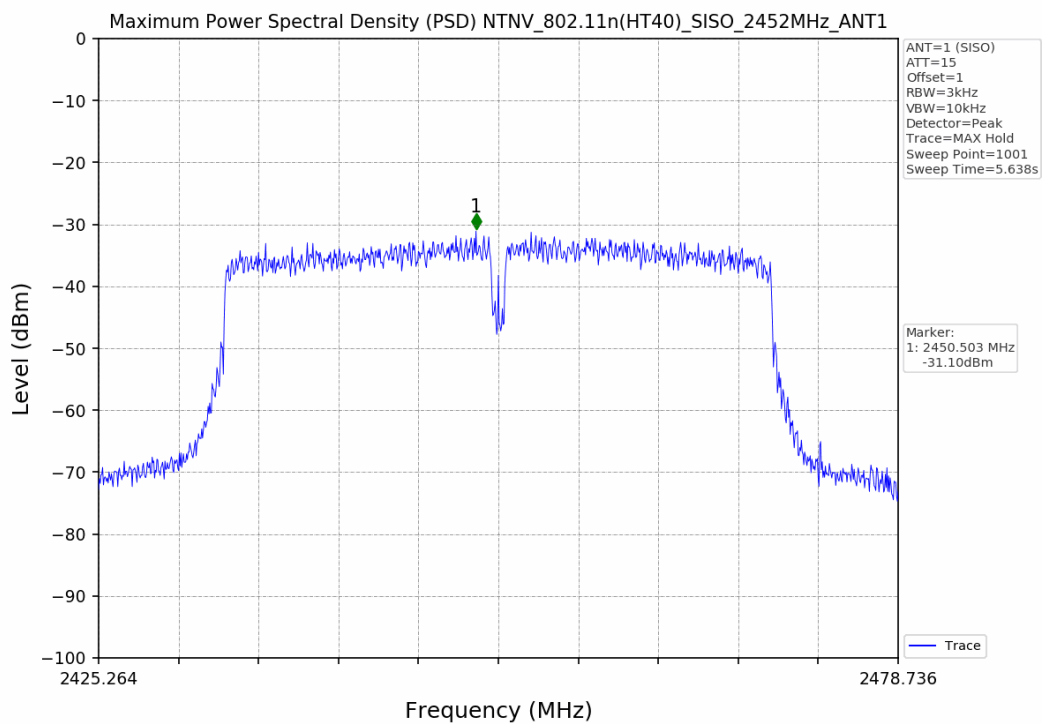
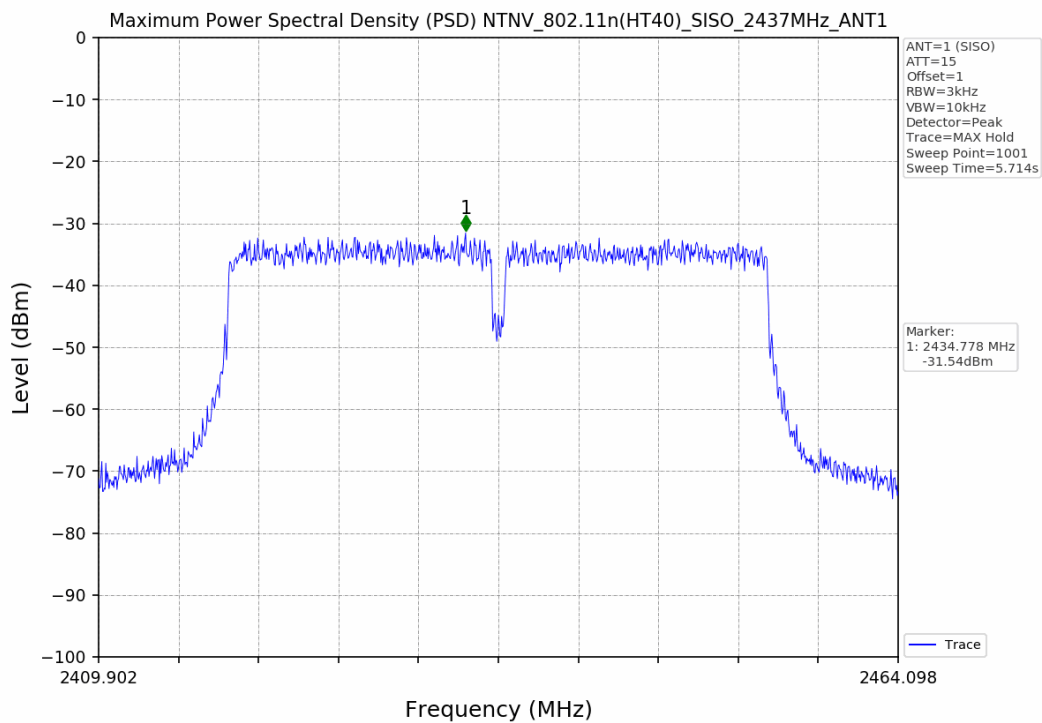












4. Unwanted Emissions in Non-restricted Frequency Bands

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	-25.67	PASS
	2437	SISO	1	Refer to test graph	-25.67	PASS
	2462	SISO	1	Refer to test graph	-25.67	PASS
802.11g	2412	SISO	1	Refer to test graph	-32.46	PASS
	2437	SISO	1	Refer to test graph	-32.46	PASS
	2462	SISO	1	Refer to test graph	-32.46	PASS
802.11n(HT20)	2412	SISO	1	Refer to test graph	-33.33	PASS
	2437	SISO	1	Refer to test graph	-33.33	PASS
	2462	SISO	1	Refer to test graph	-33.33	PASS
802.11n(HT40)	2422	SISO	1	Refer to test graph	-36.40	PASS
	2437	SISO	1	Refer to test graph	-36.40	PASS
	2452	SISO	1	Refer to test graph	-36.40	PASS

4.2 Test Graph

