

Appendix for 15.247

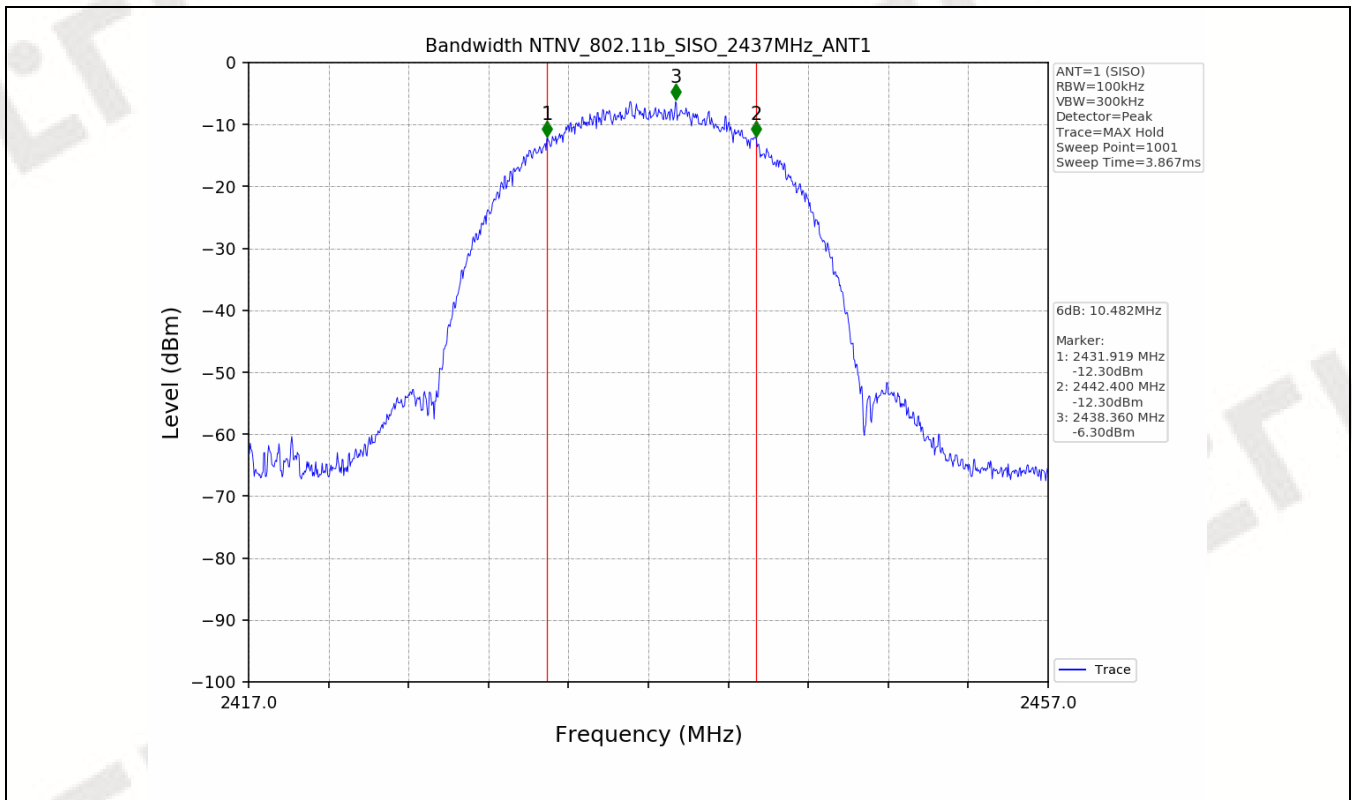
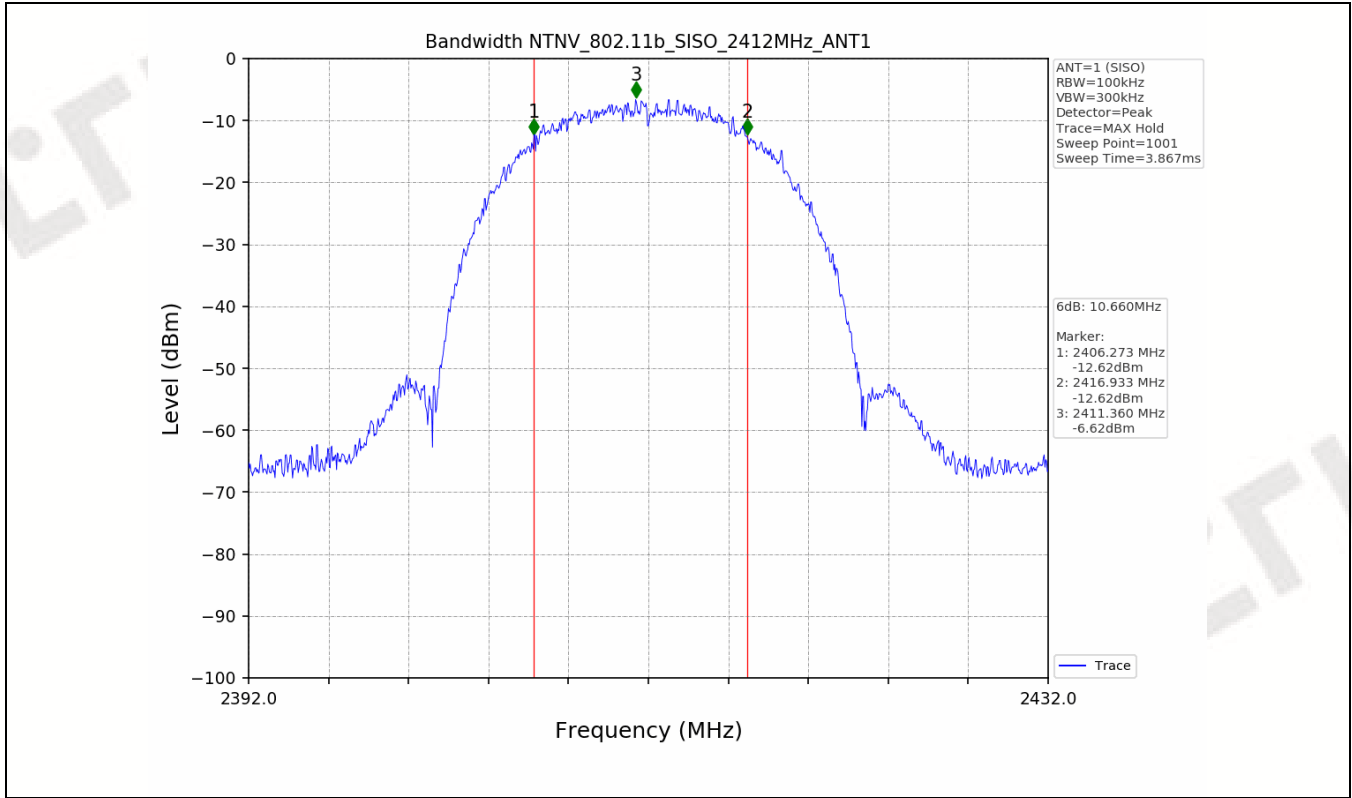
1. Bandwidth

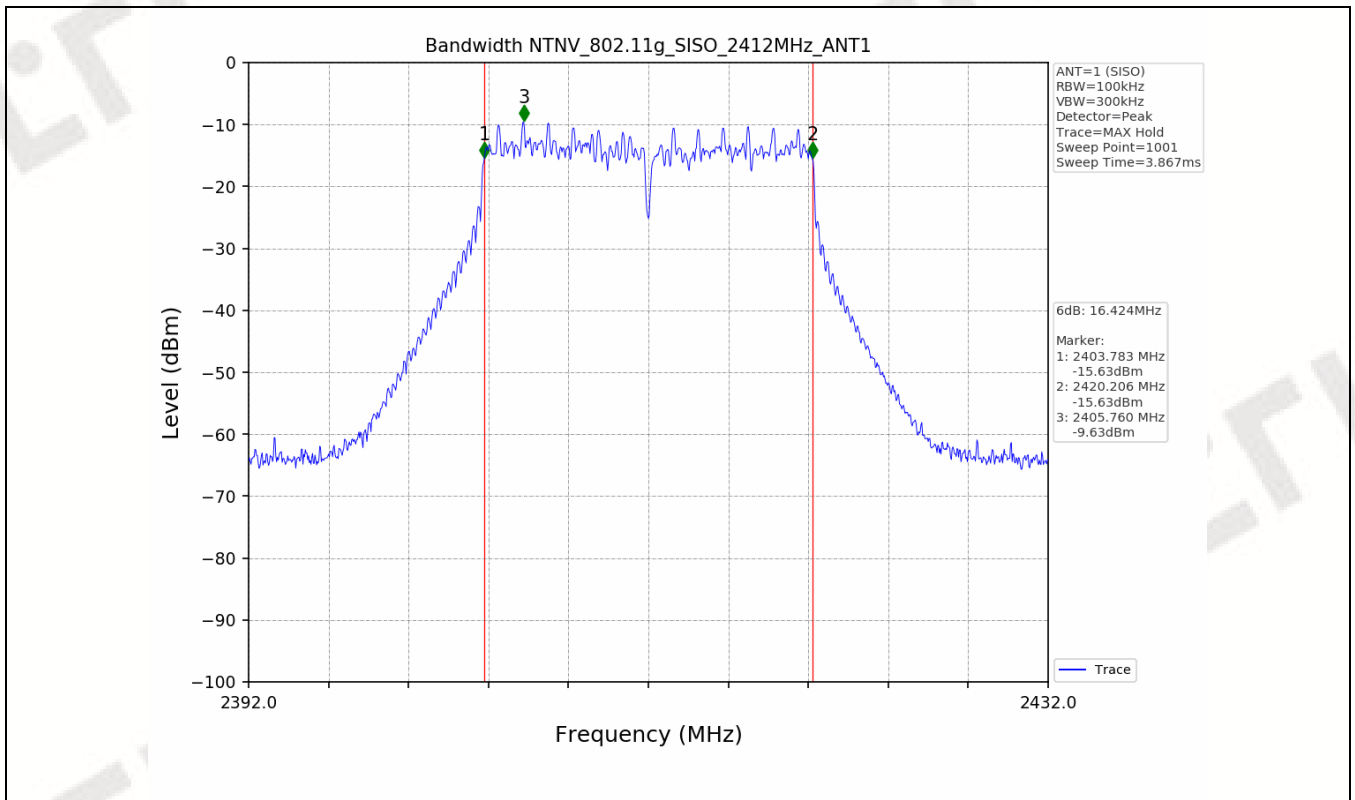
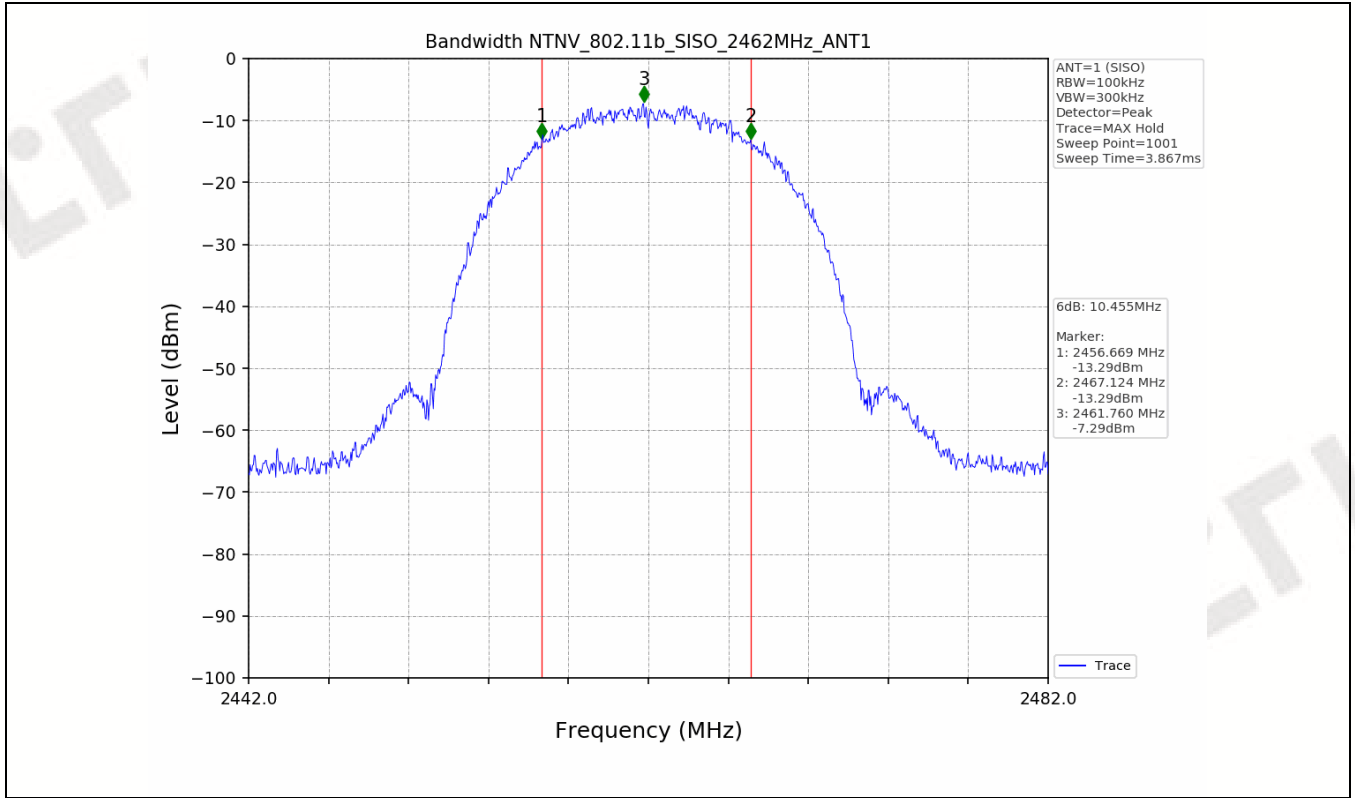
1.1 Test Result

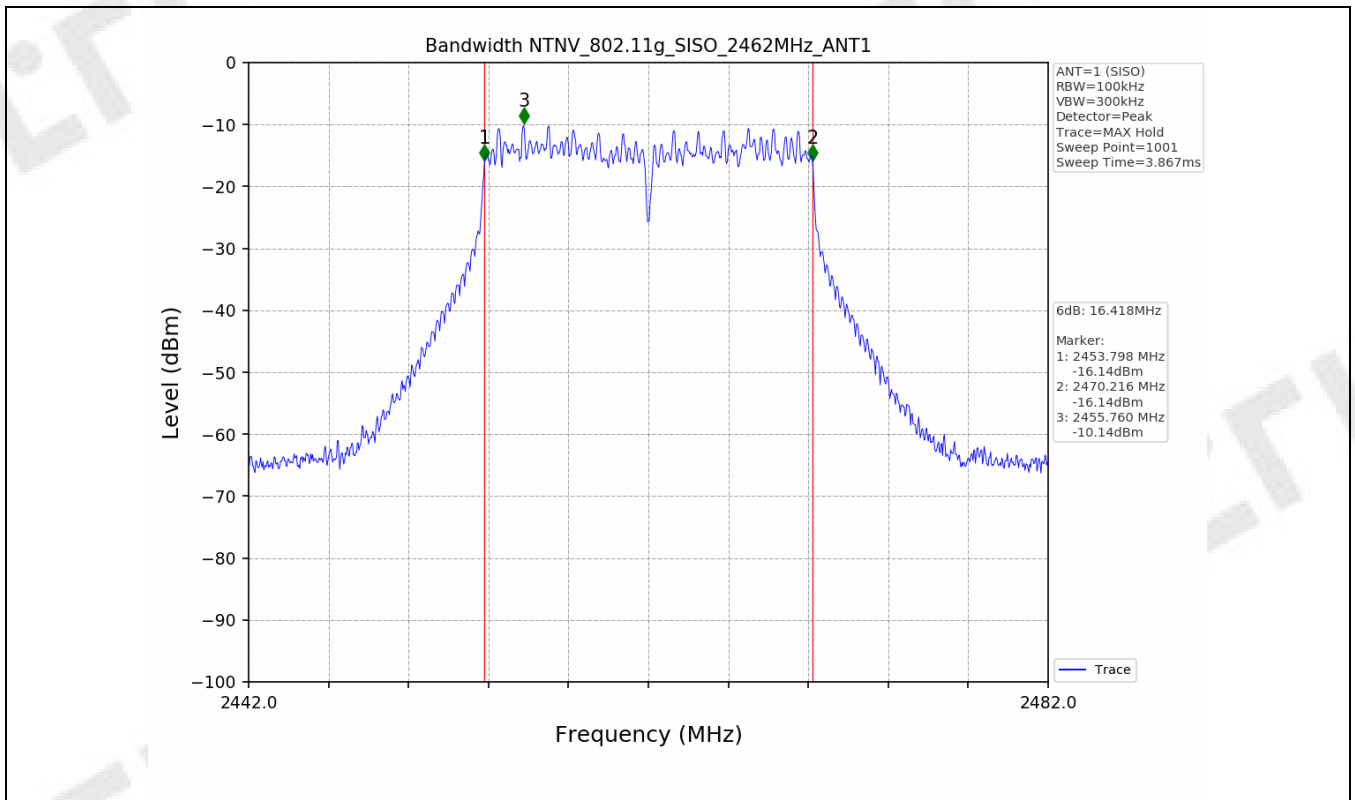
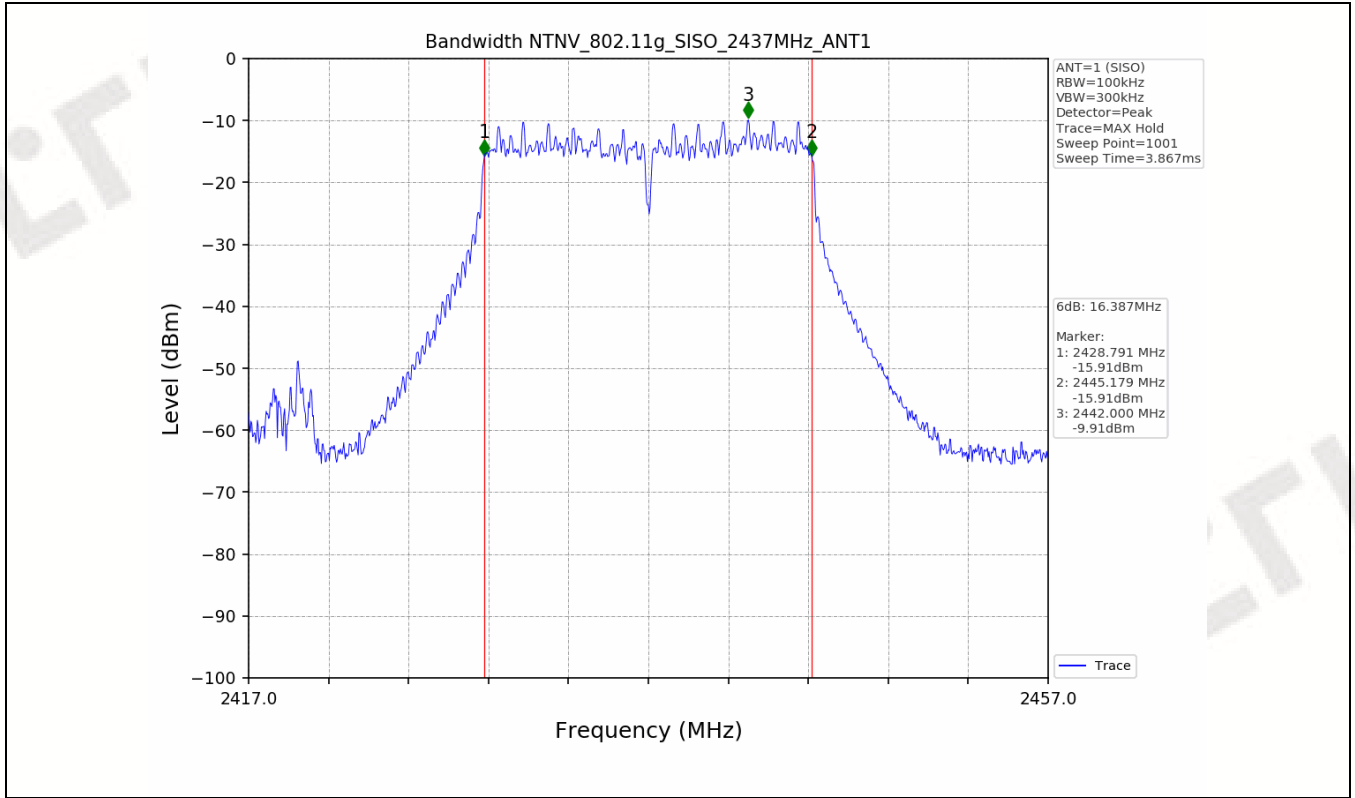
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth	Verdict
				Test Result (MHz)	
802.11b	2412	SISO	1	10.660	PASS
	2437	SISO	1	10.482	PASS
	2462	SISO	1	10.455	PASS
802.11g	2412	SISO	1	16.424	PASS
	2437	SISO	1	16.387	PASS
	2462	SISO	1	16.418	PASS
802.11n(HT20)	2412	SISO	1	17.383	PASS
	2437	SISO	1	17.323	PASS
	2462	SISO	1	17.457	PASS
802.11n(HT40)	2422	SISO	1	35.582	PASS
	2437	SISO	1	35.331	PASS
	2452	SISO	1	35.547	PASS

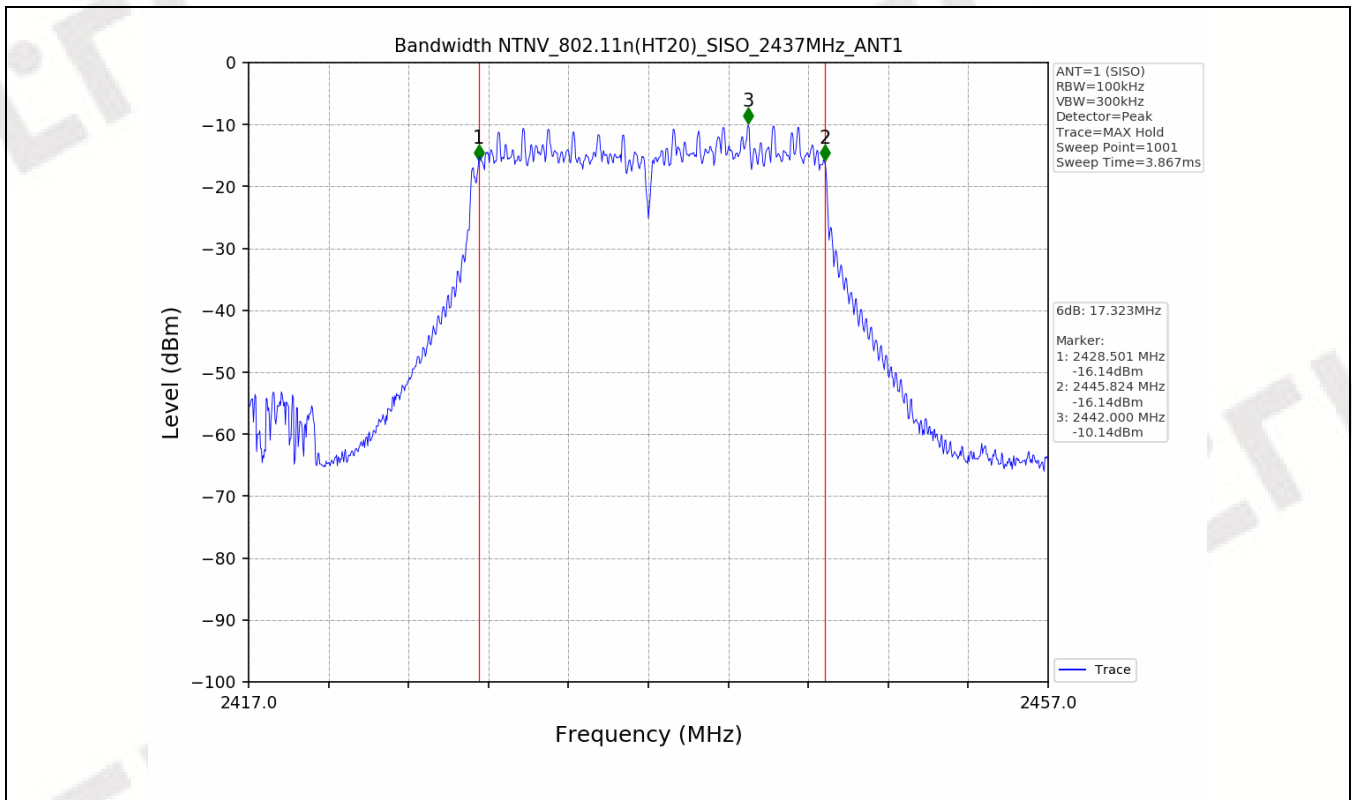
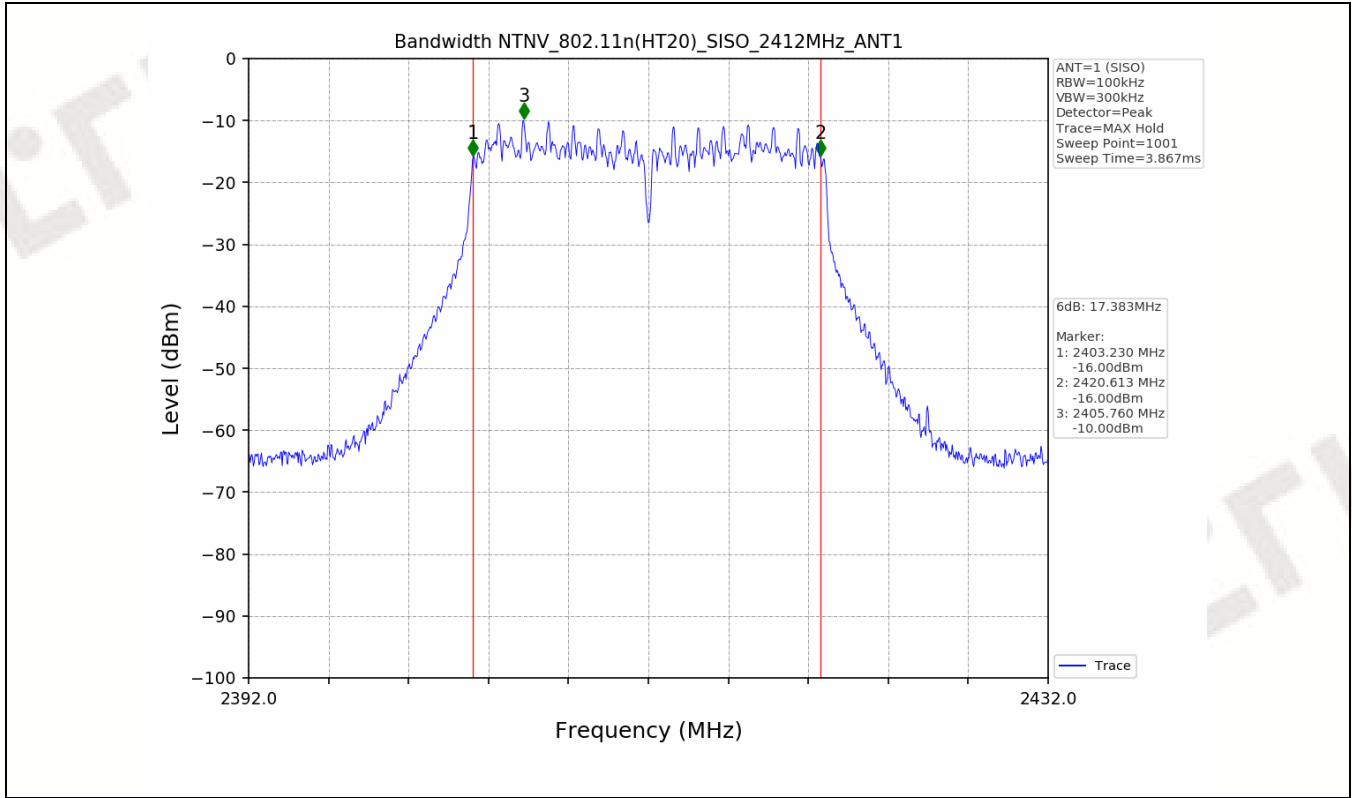
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	14.816	Only for Report Use
	2437	SISO	1	14.880	Only for Report Use
	2462	SISO	1	14.888	Only for Report Use
802.11g	2412	SISO	1	16.824	Only for Report Use
	2437	SISO	1	16.673	Only for Report Use
	2462	SISO	1	16.612	Only for Report Use
802.11n(HT20)	2412	SISO	1	17.655	Only for Report Use
	2437	SISO	1	17.744	Only for Report Use
	2462	SISO	1	17.740	Only for Report Use
802.11n(HT40)	2422	SISO	1	36.414	Only for Report Use
	2437	SISO	1	36.273	Only for Report Use
	2452	SISO	1	36.179	Only for Report Use

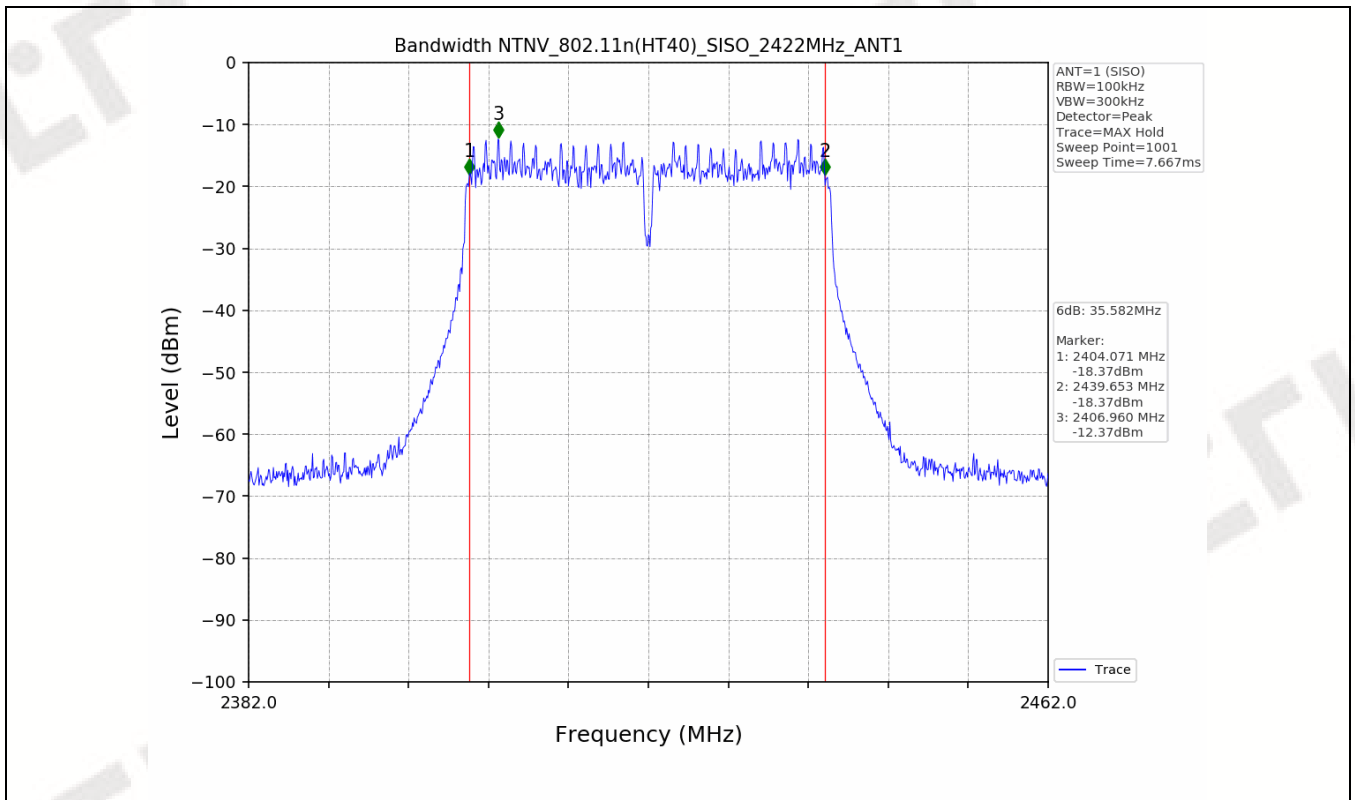
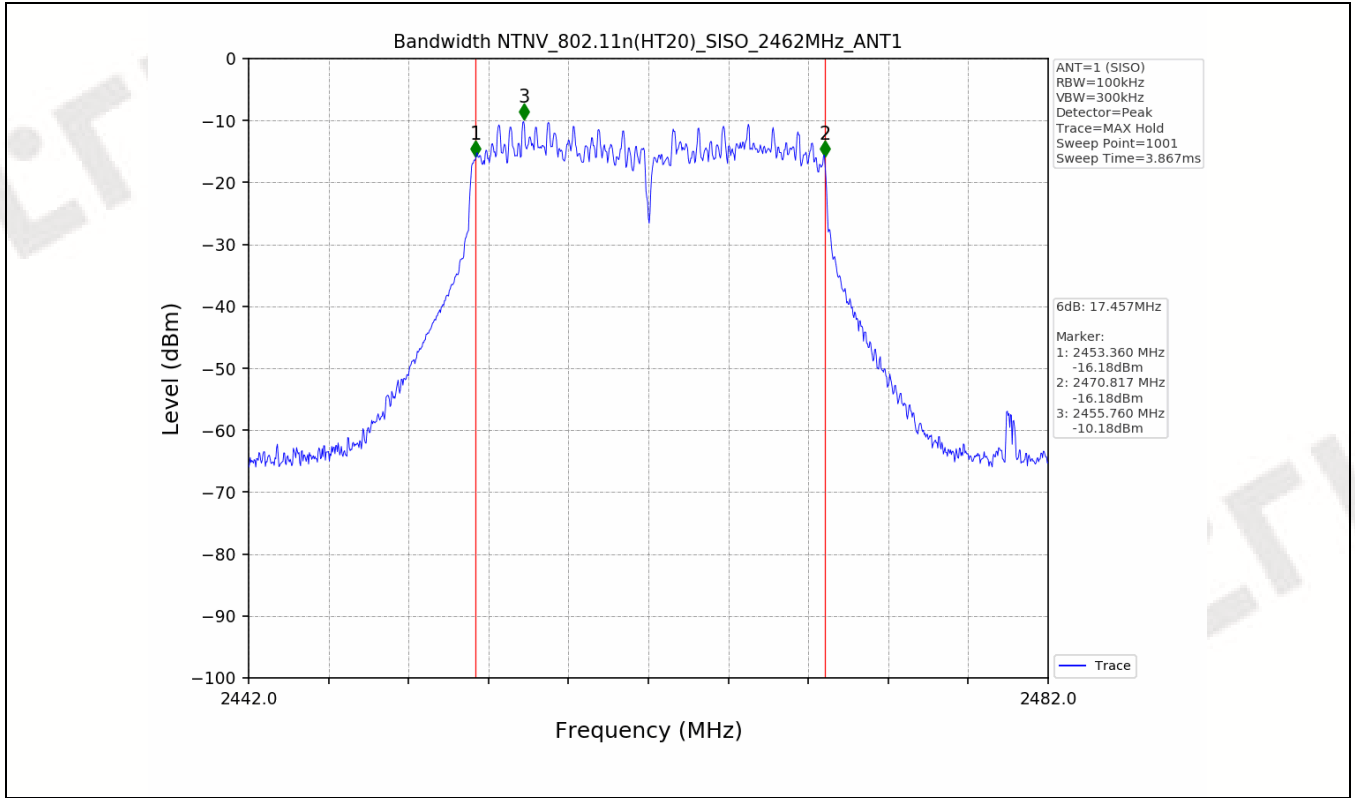
1.2 Test Graph - 6dB Bandwidth

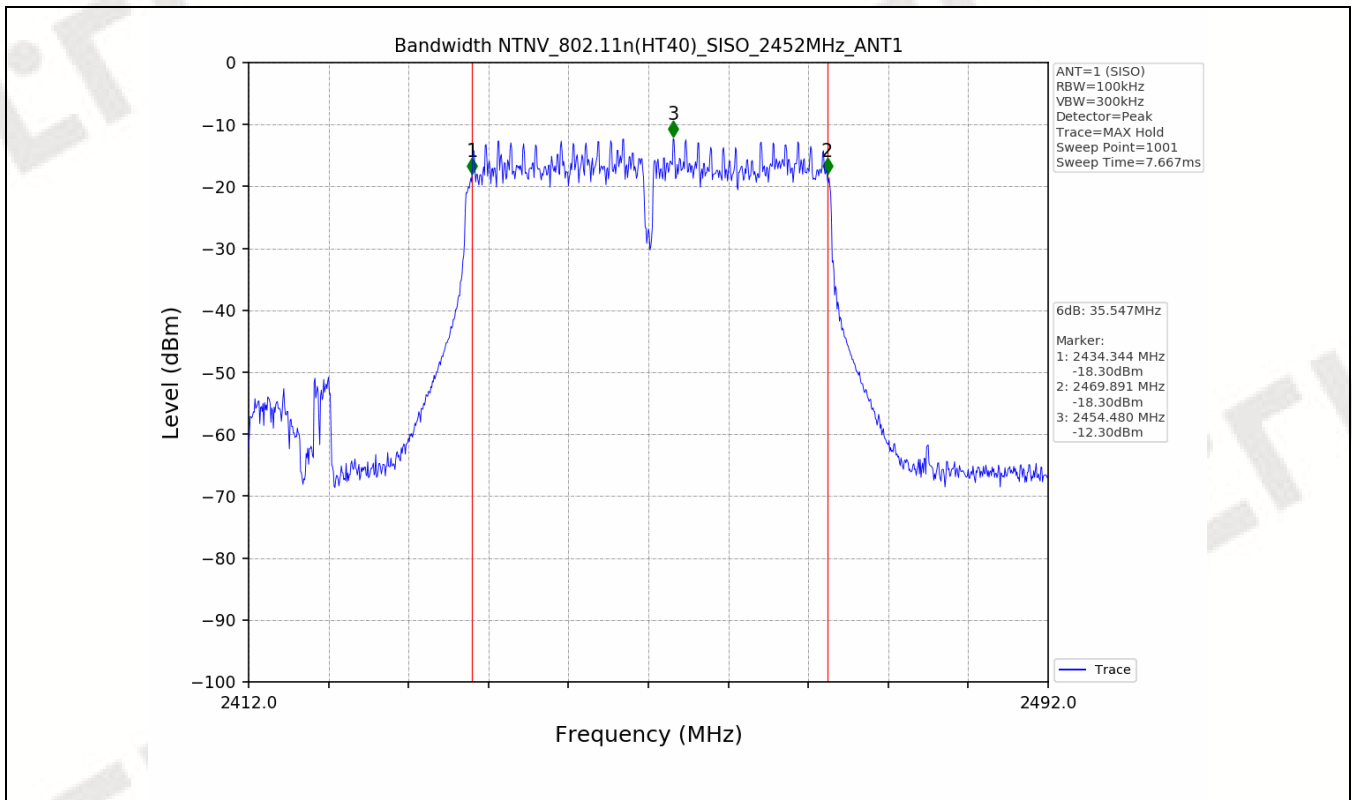
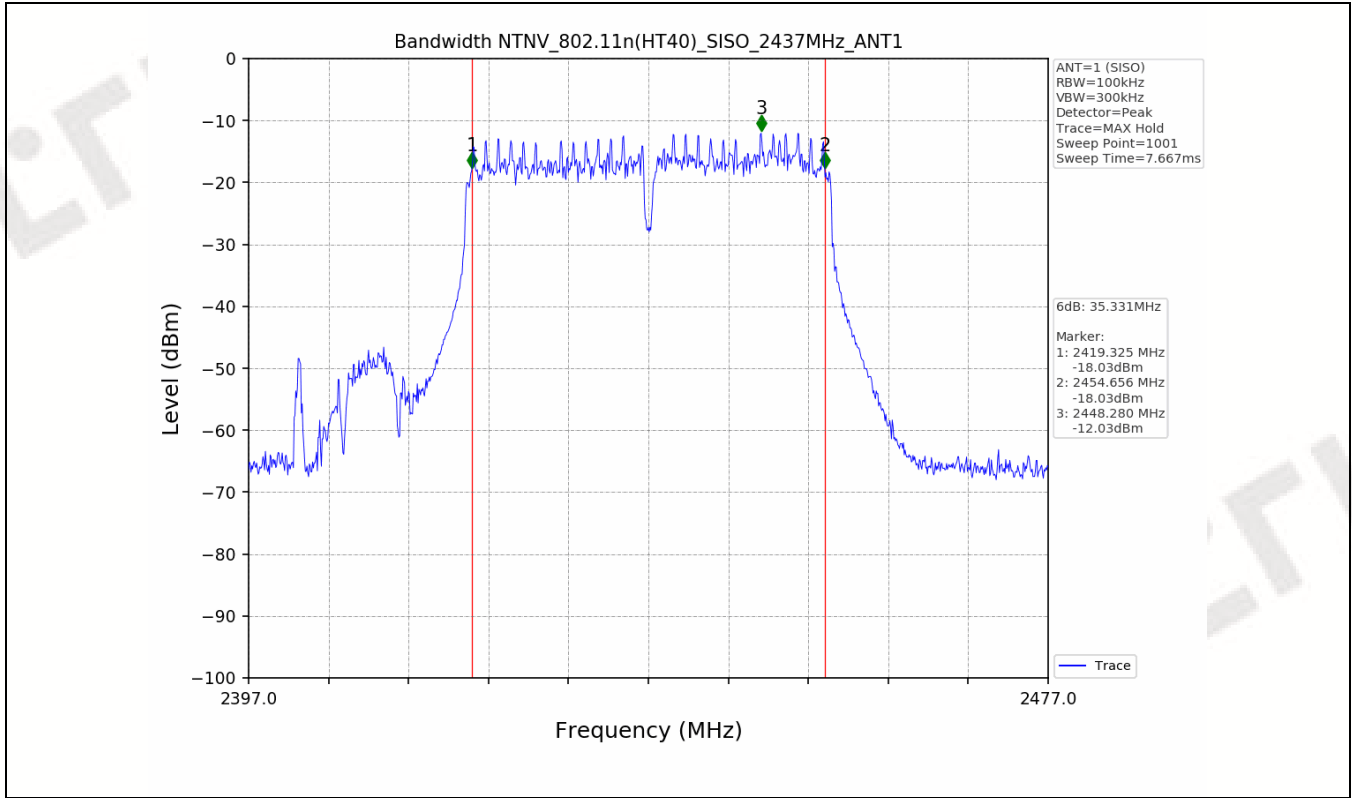




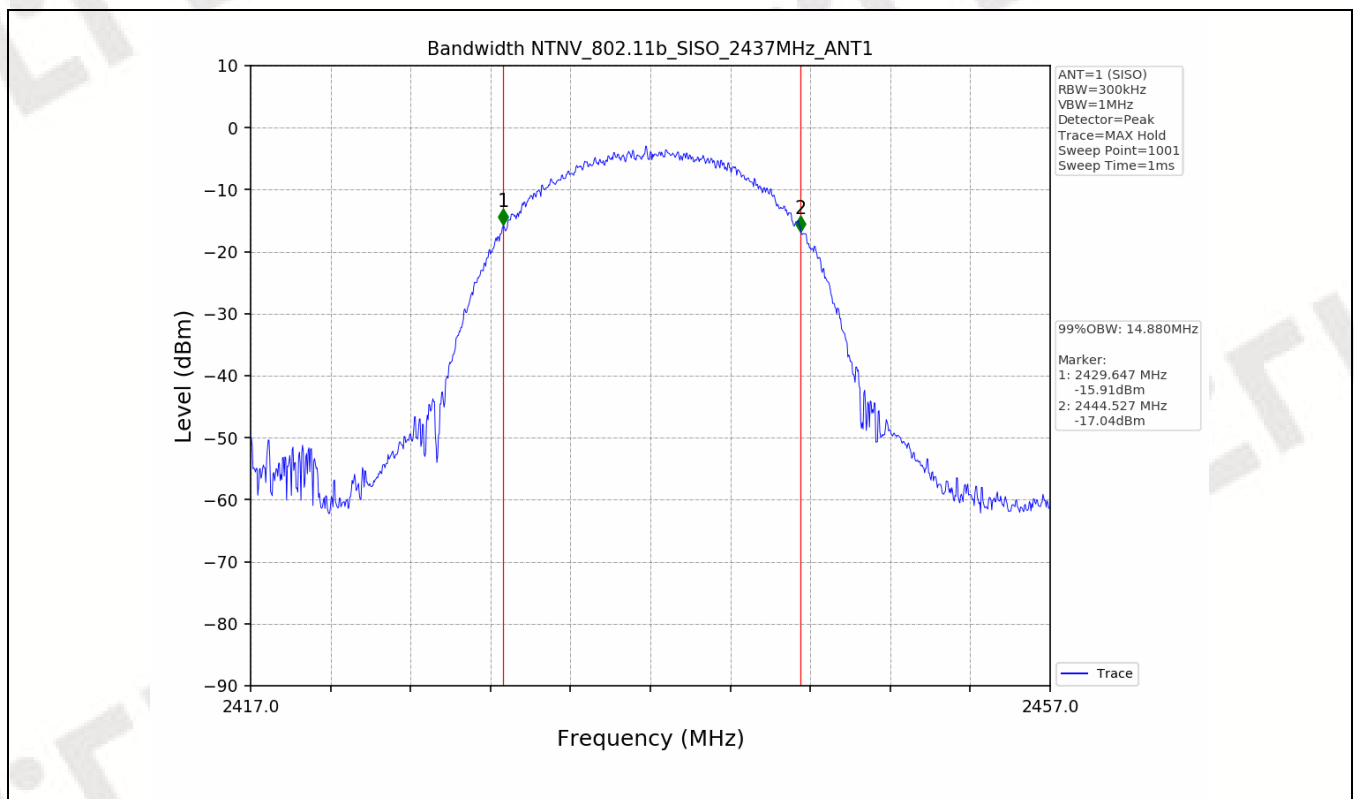
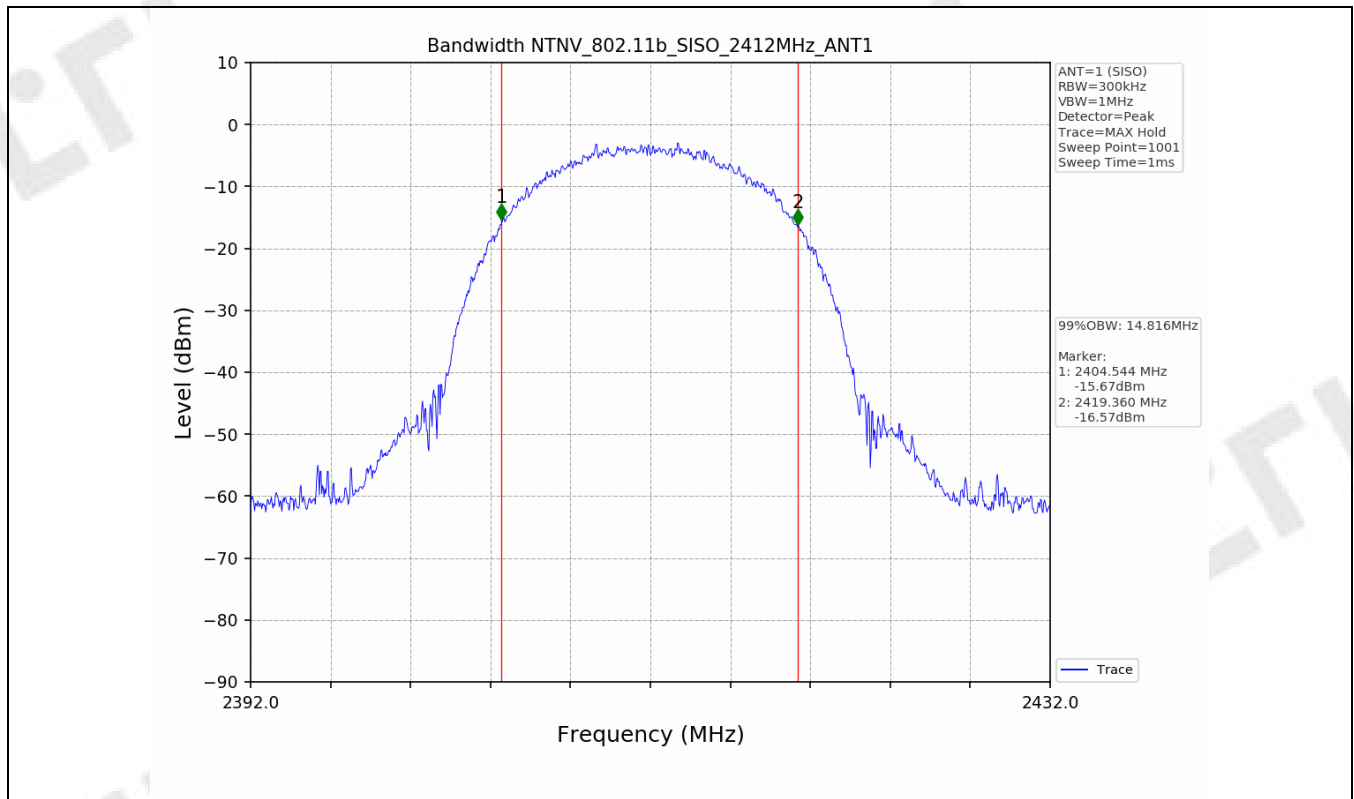


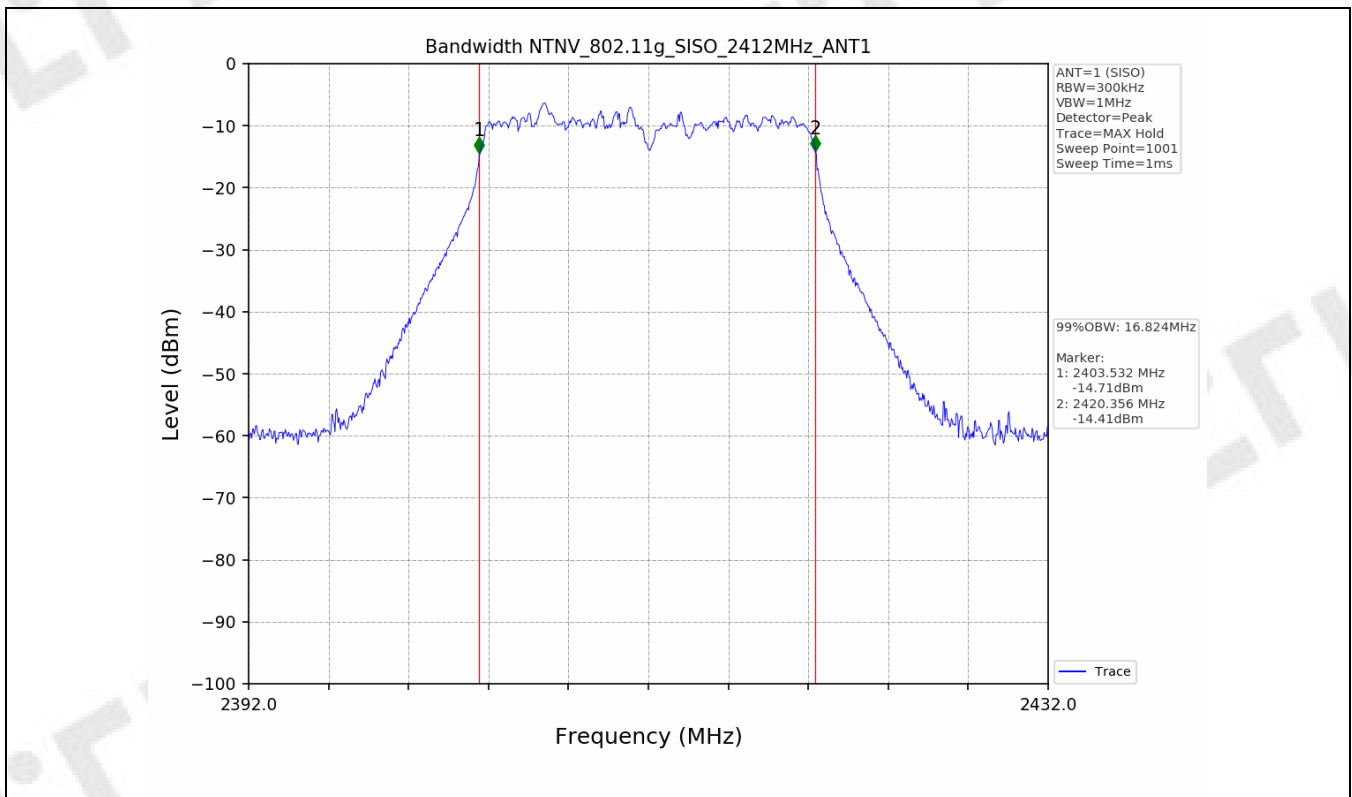
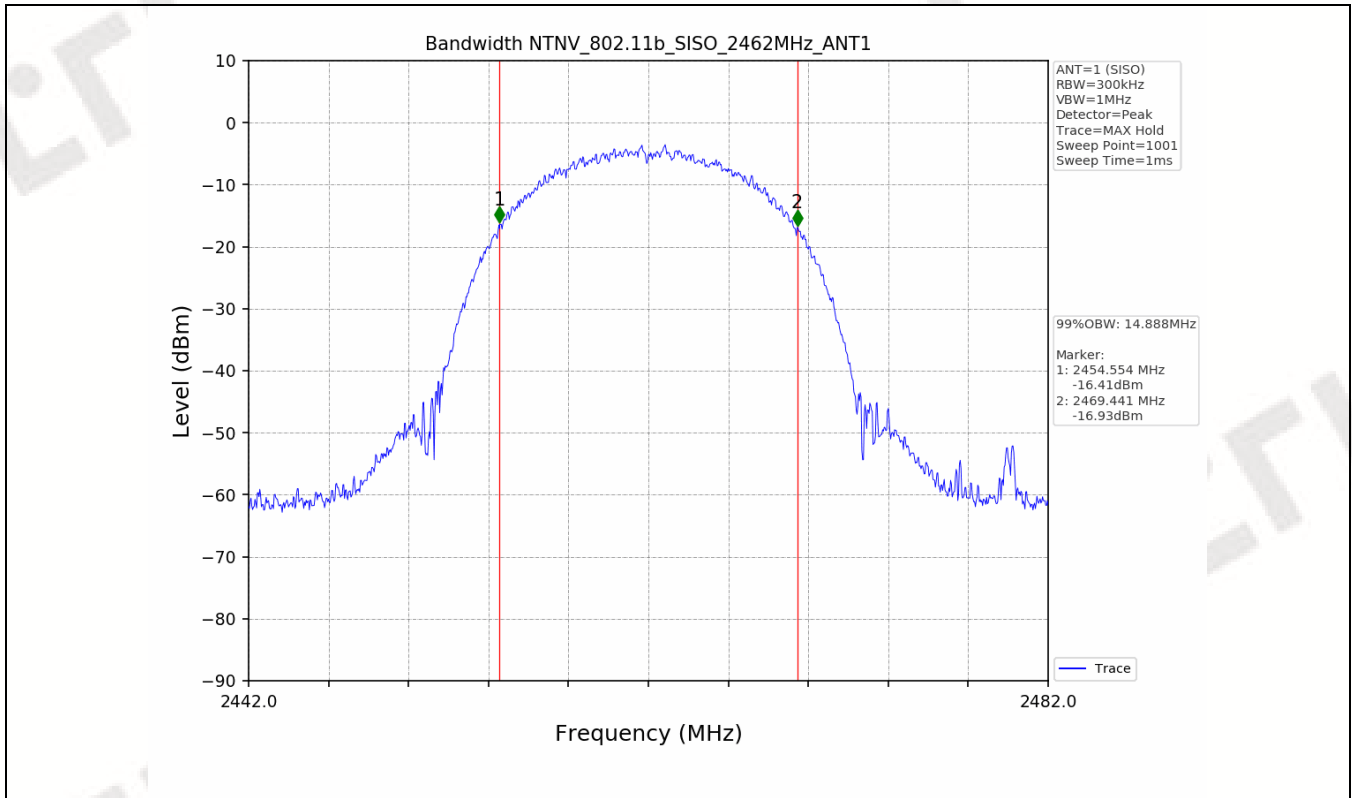


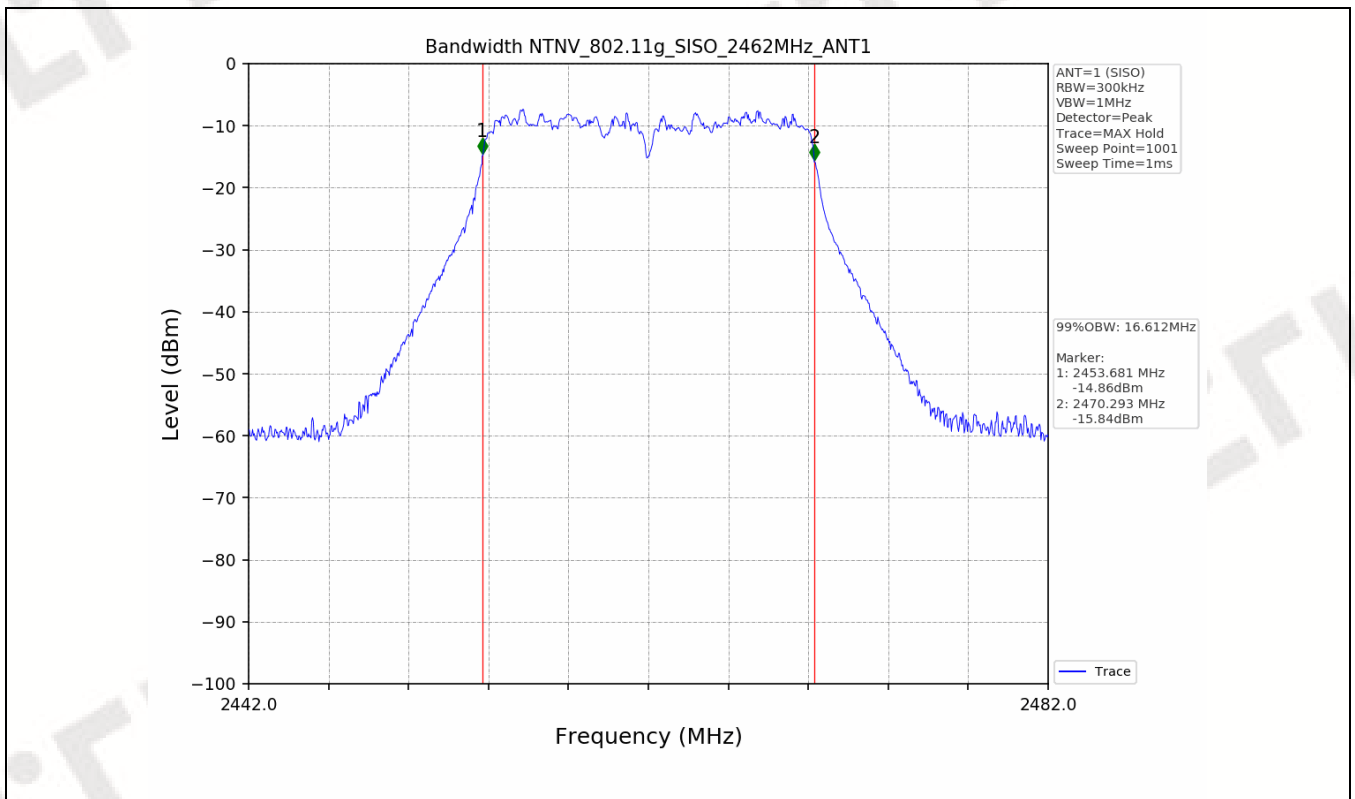
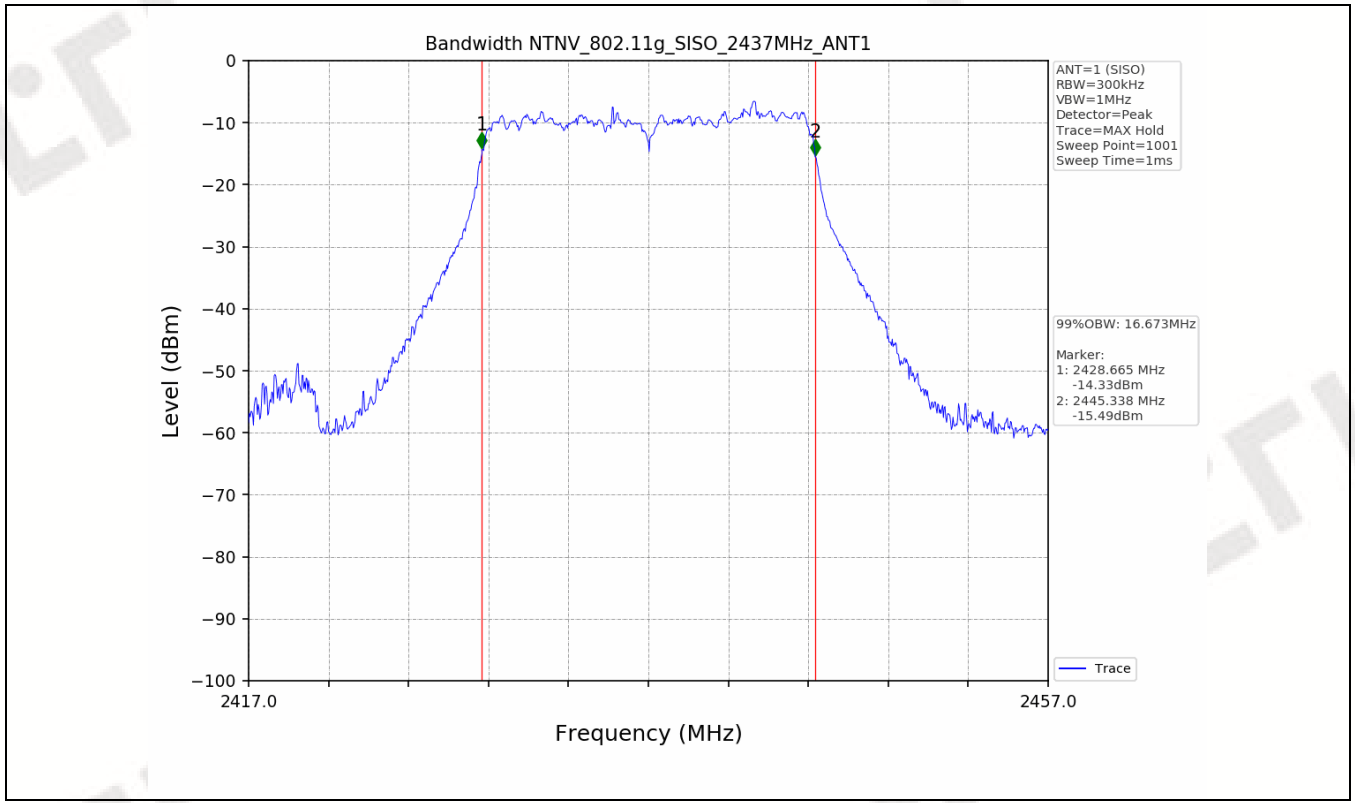


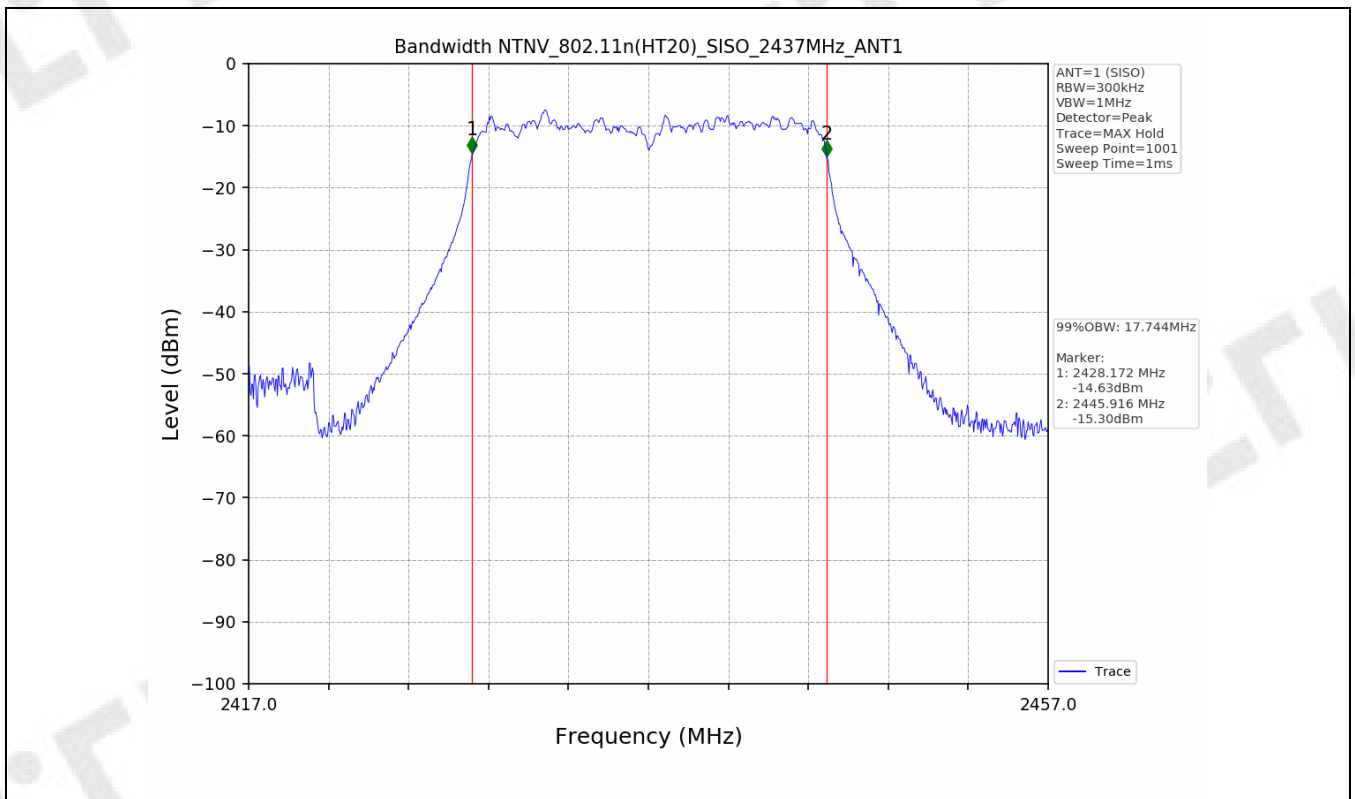
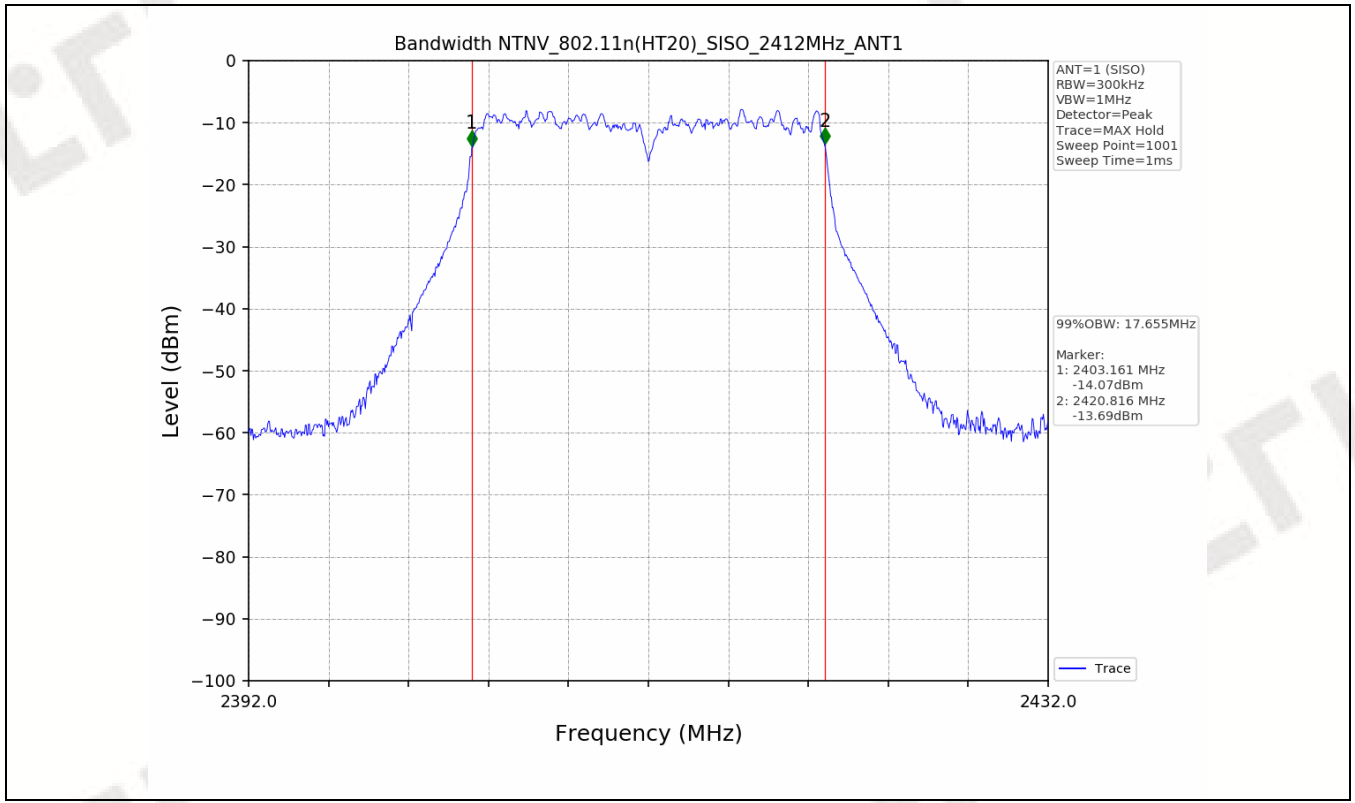


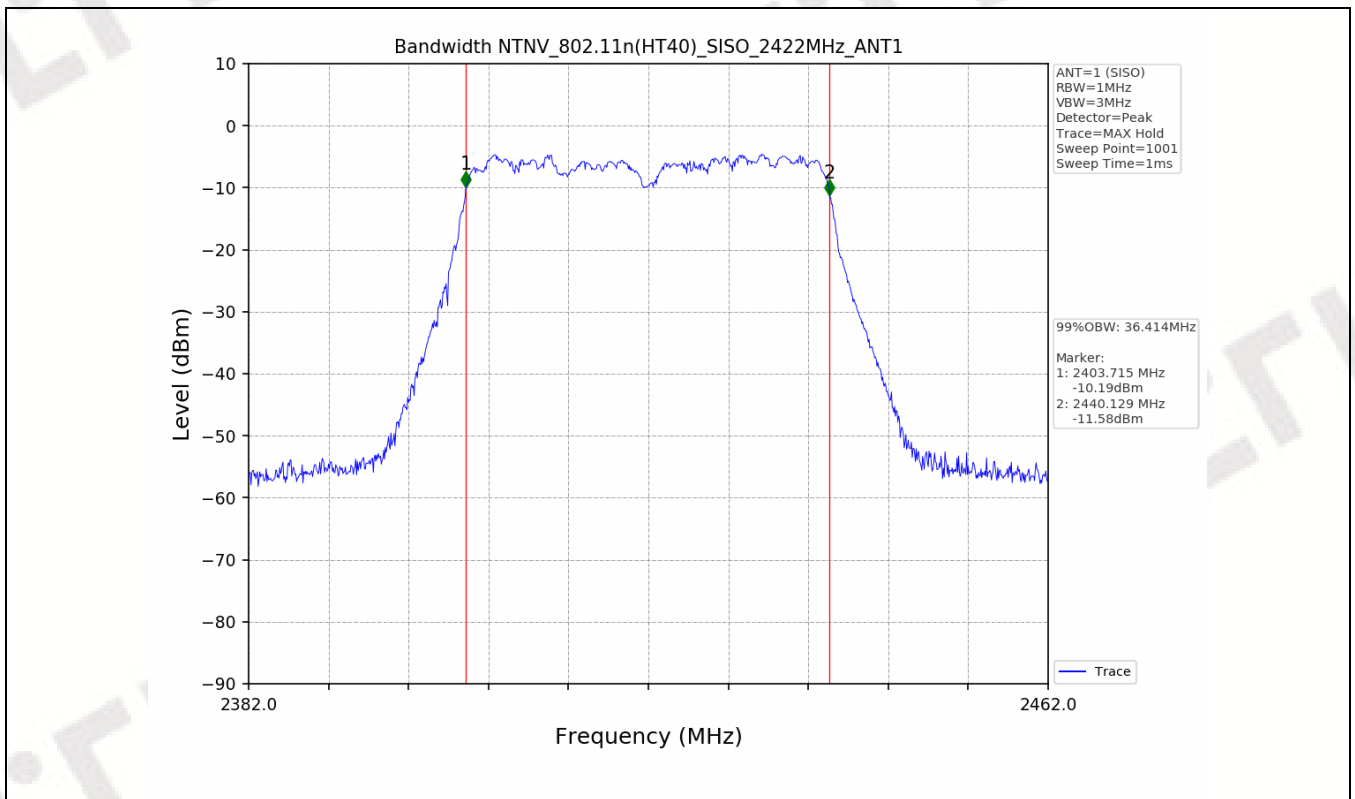
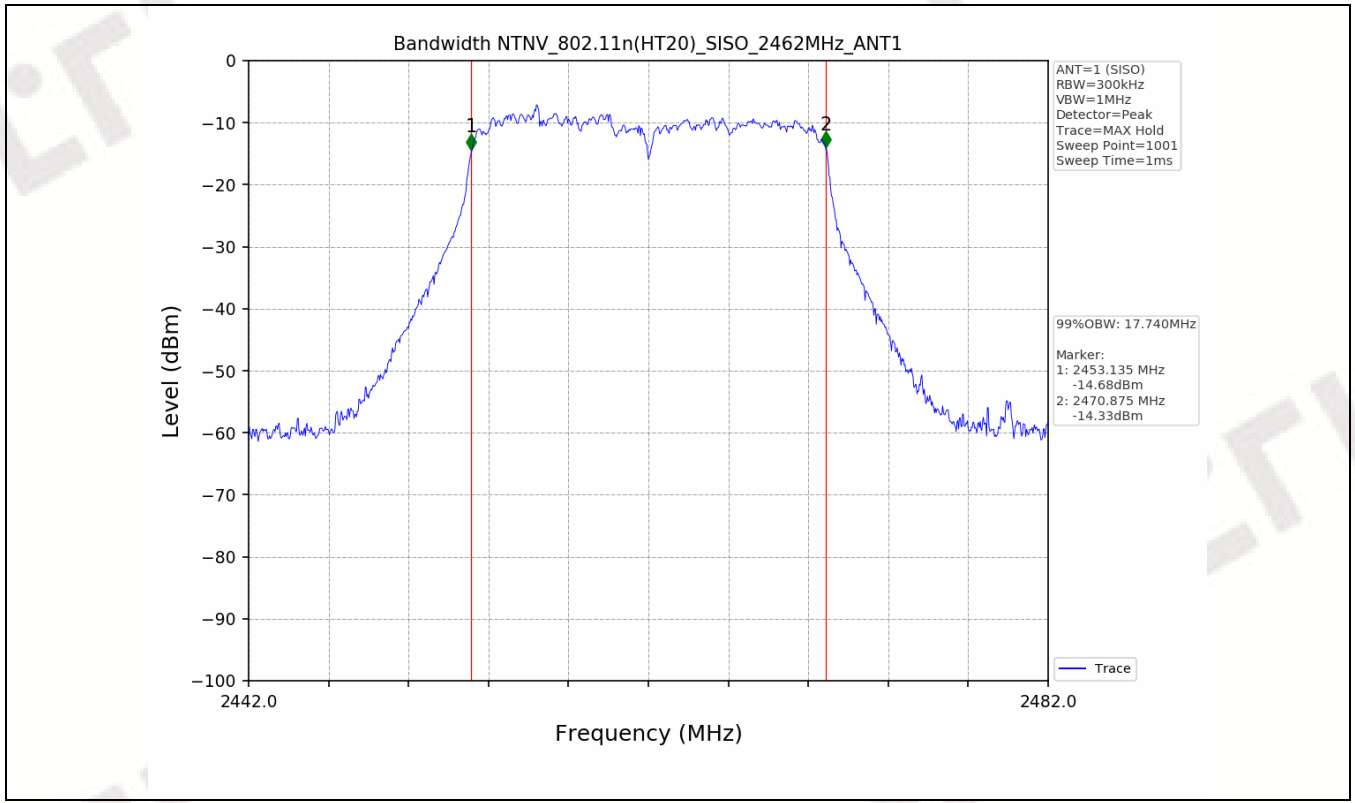
1.3 Test Graph - 99% Occupied Bandwidth

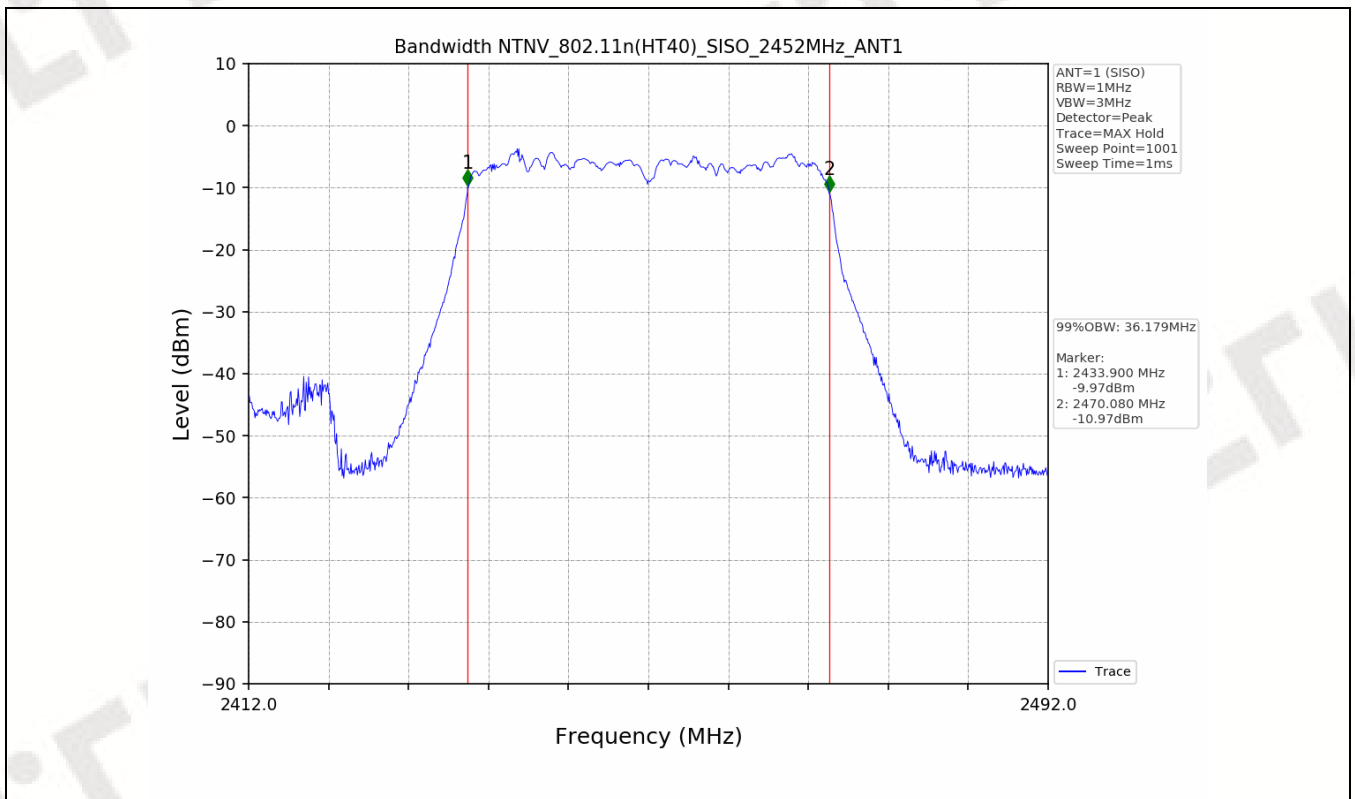
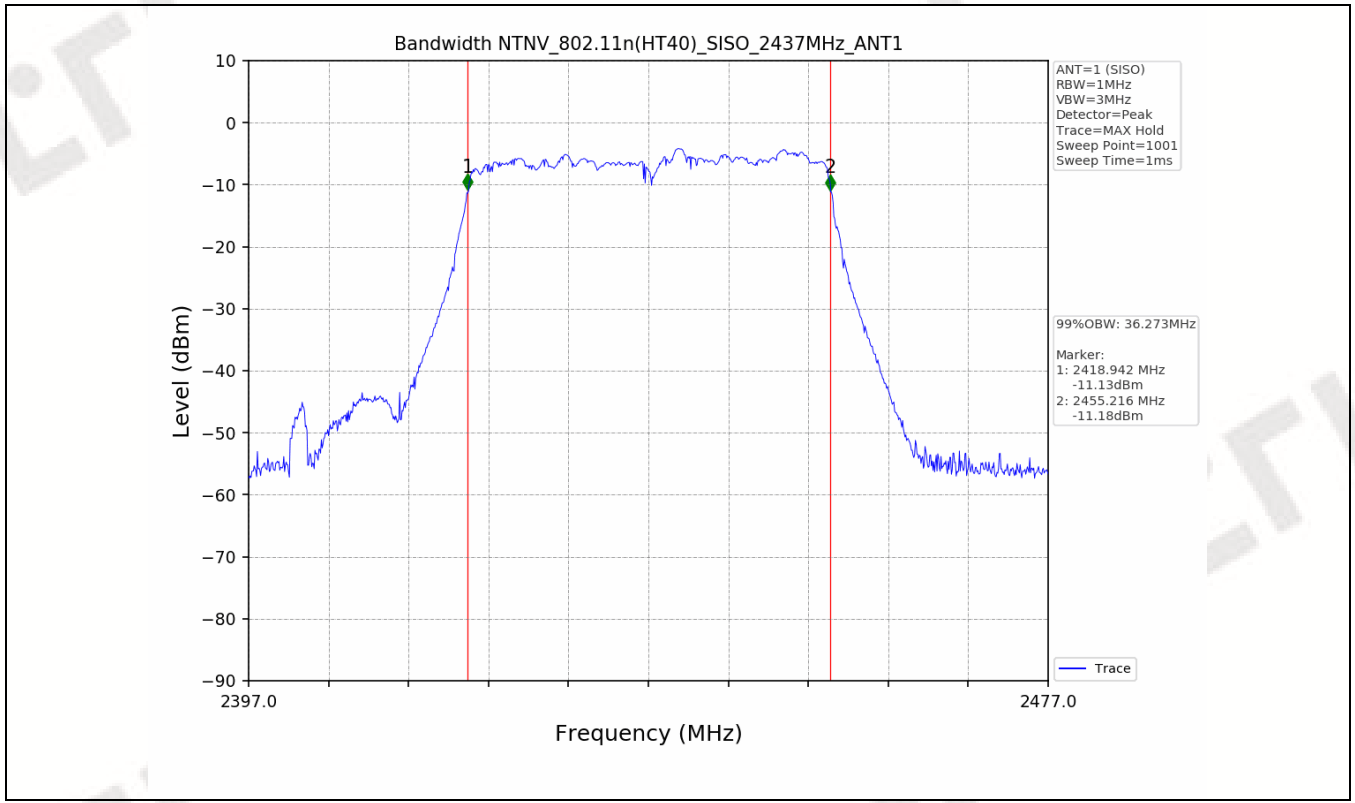










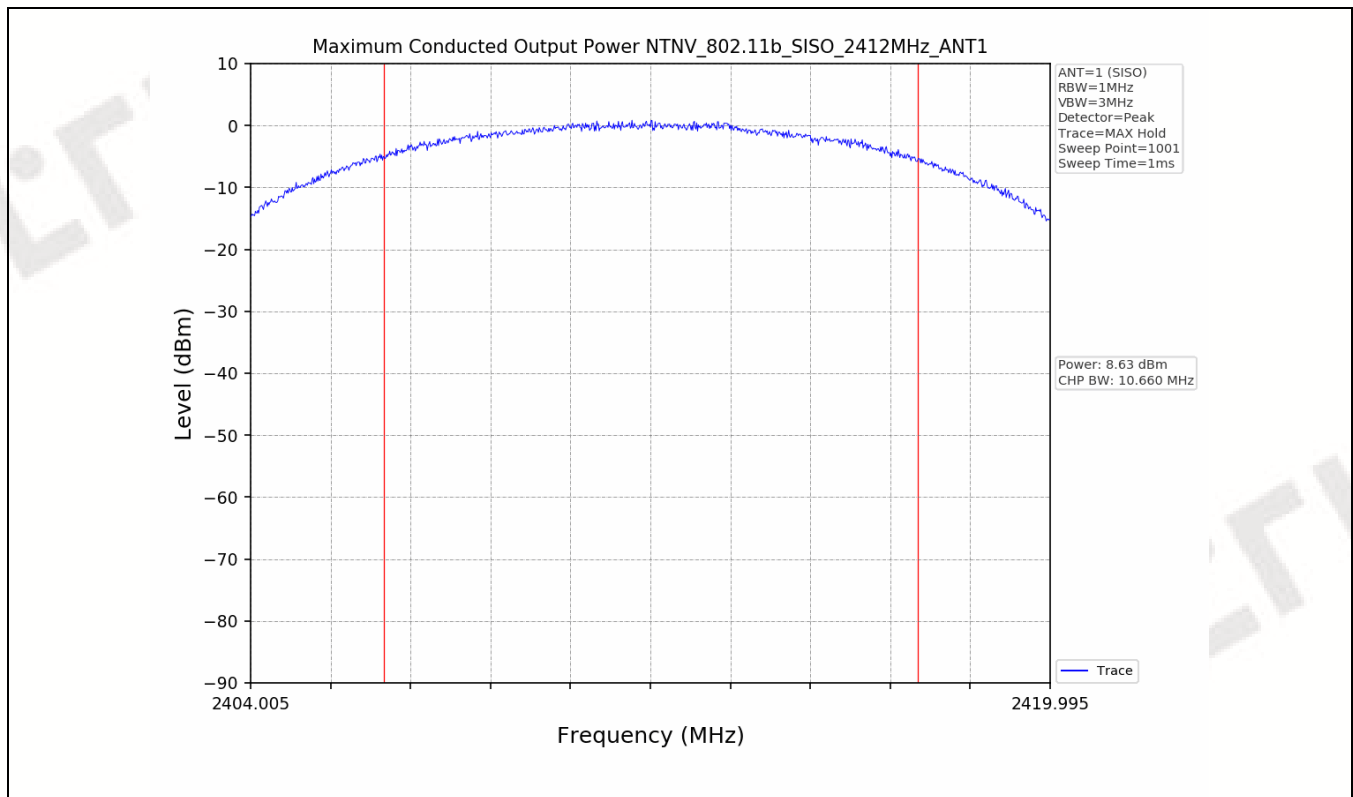


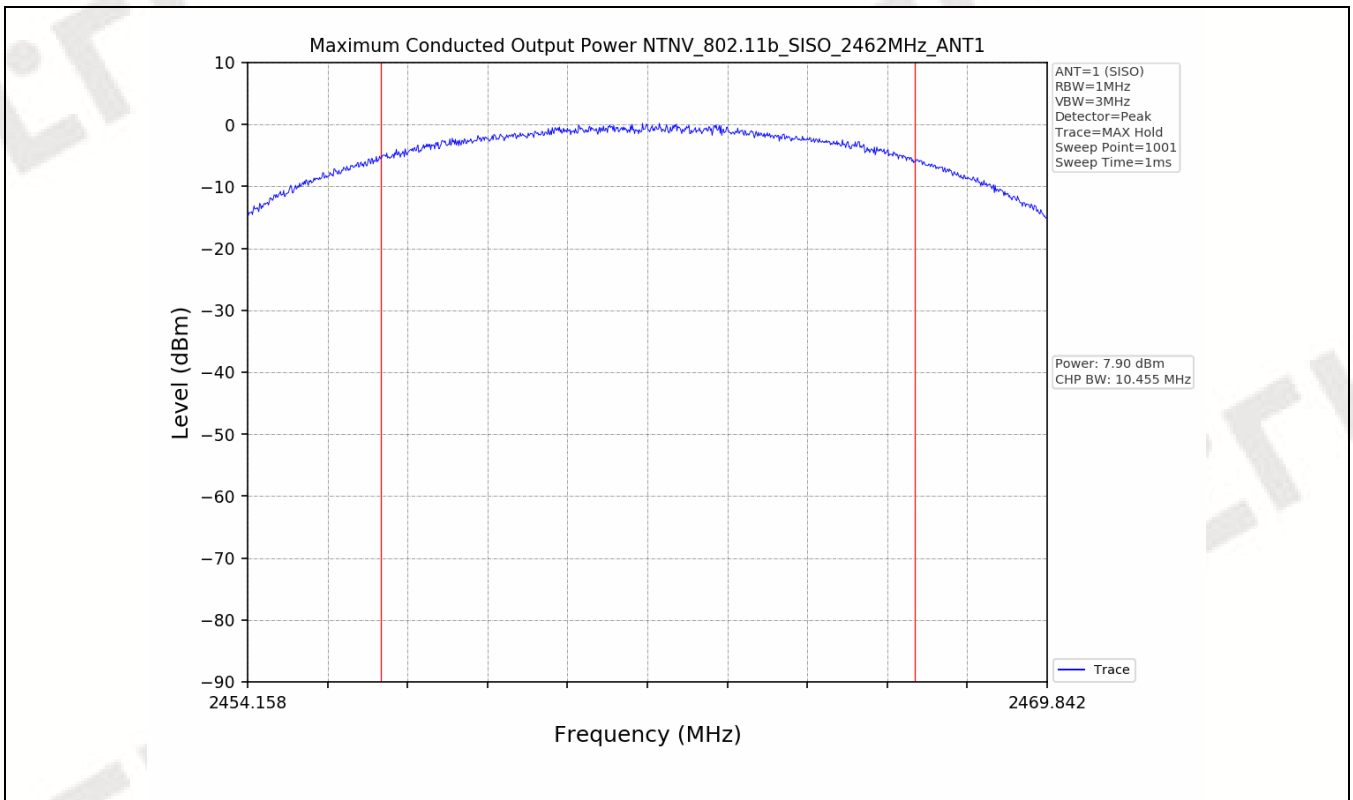
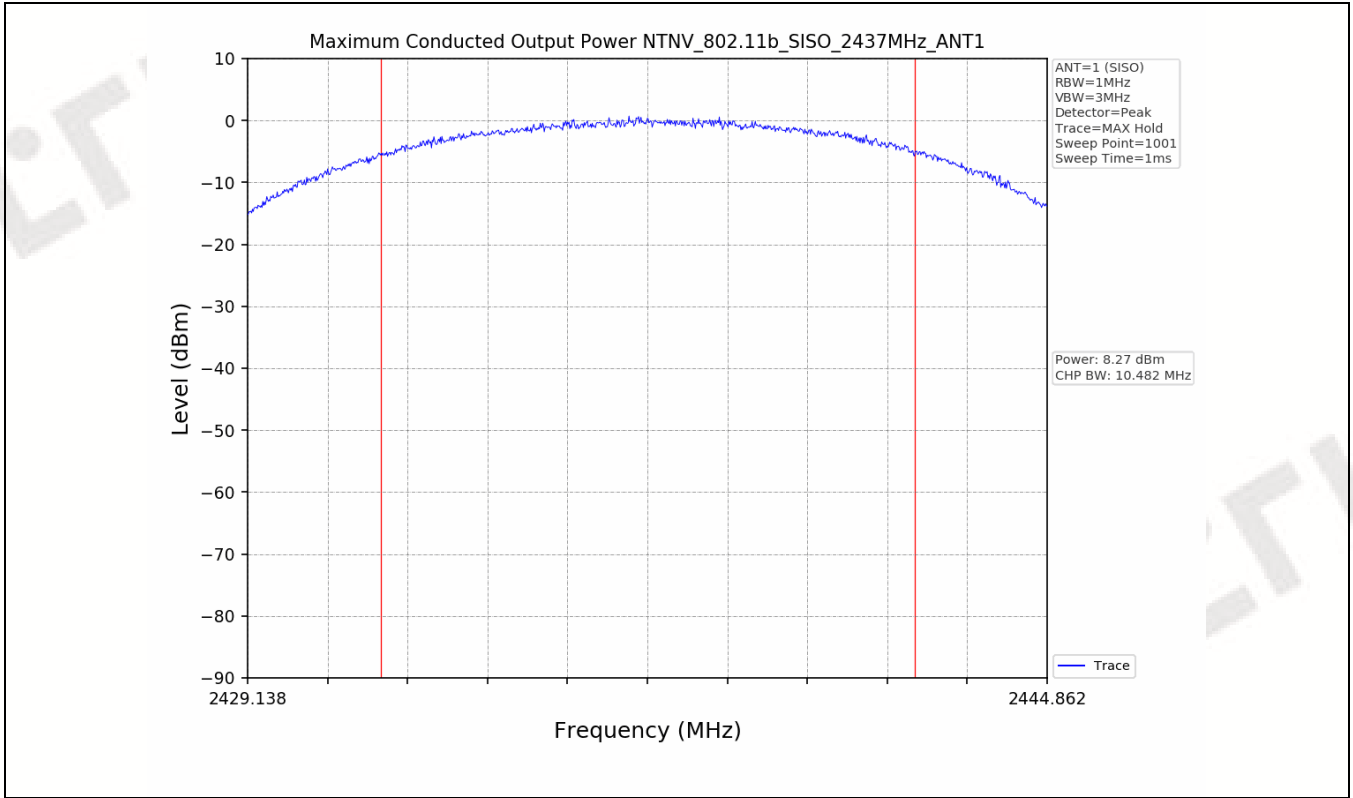
2. Maximum Conducted Output Power

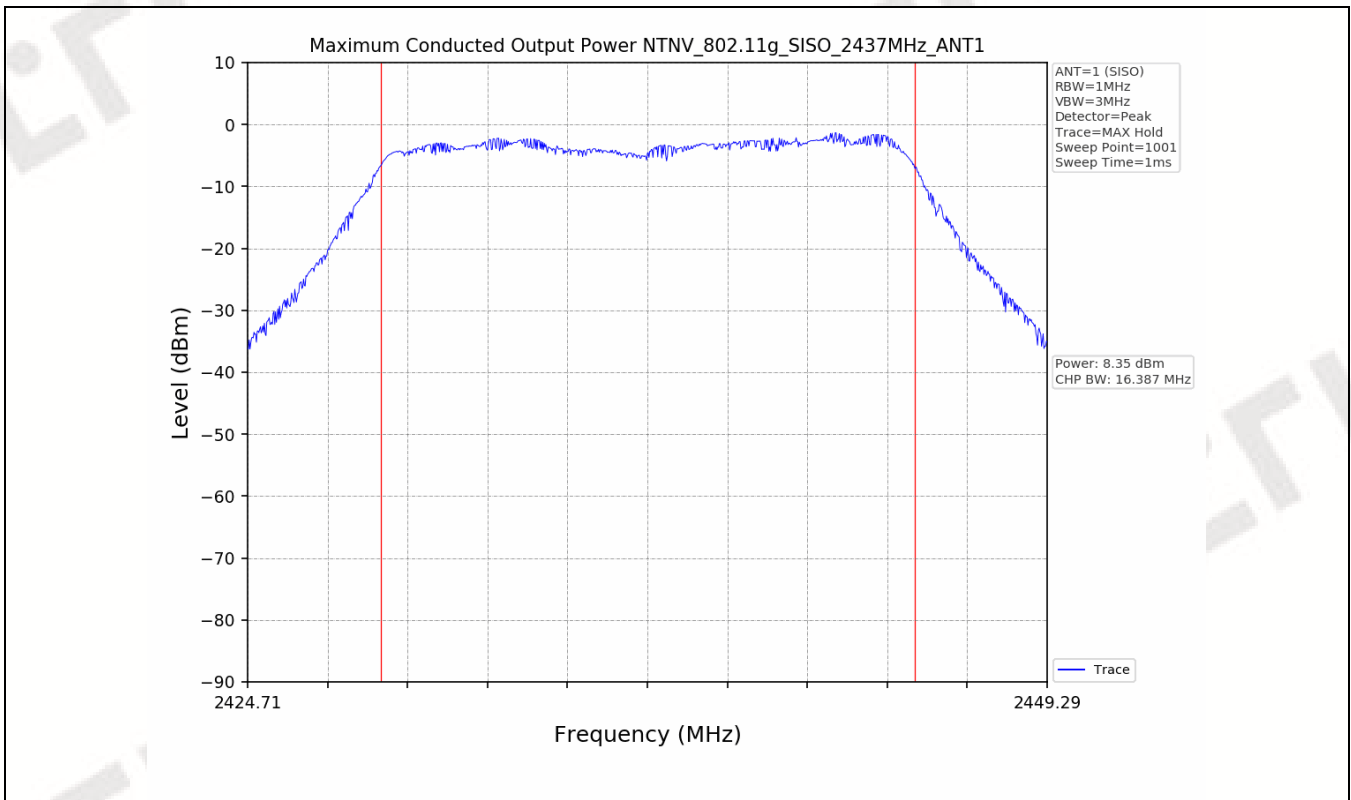
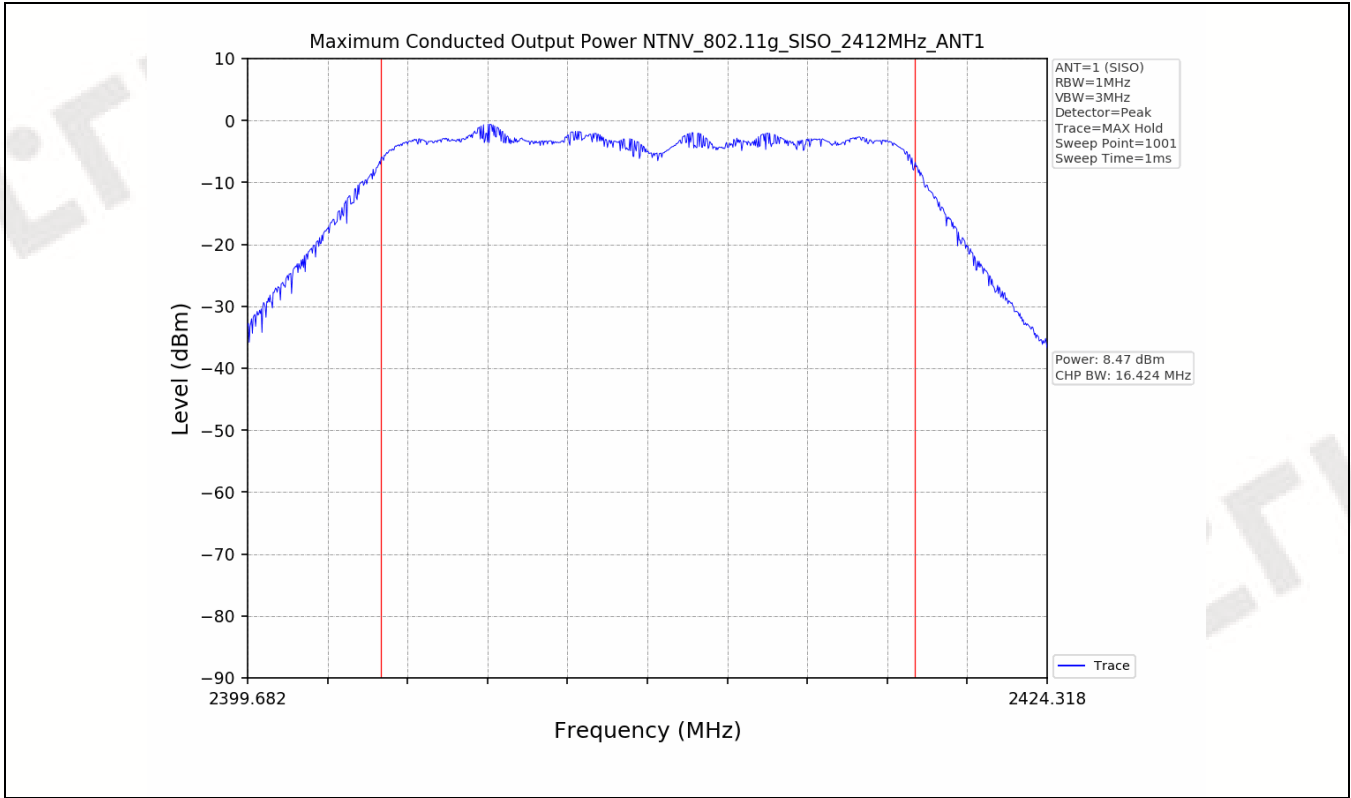
2.1 Test Result

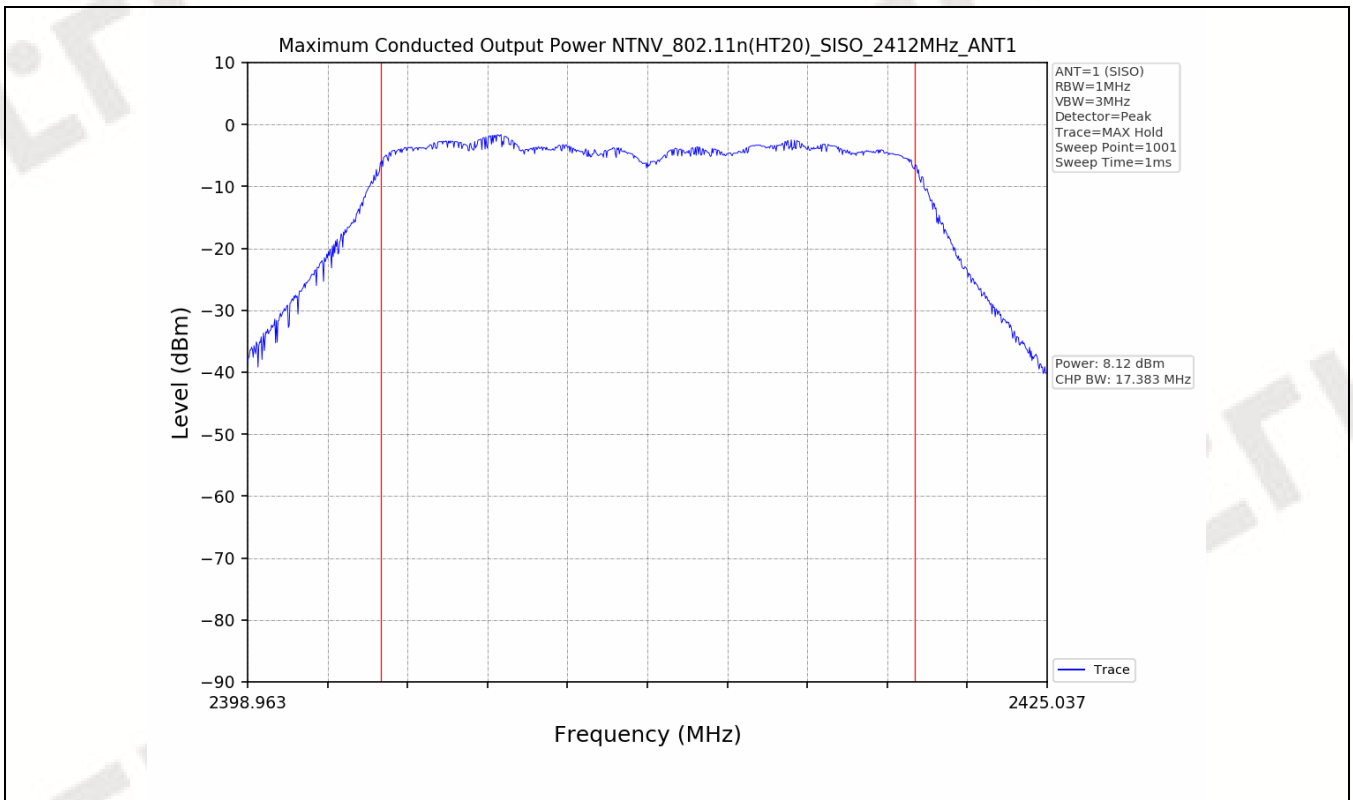
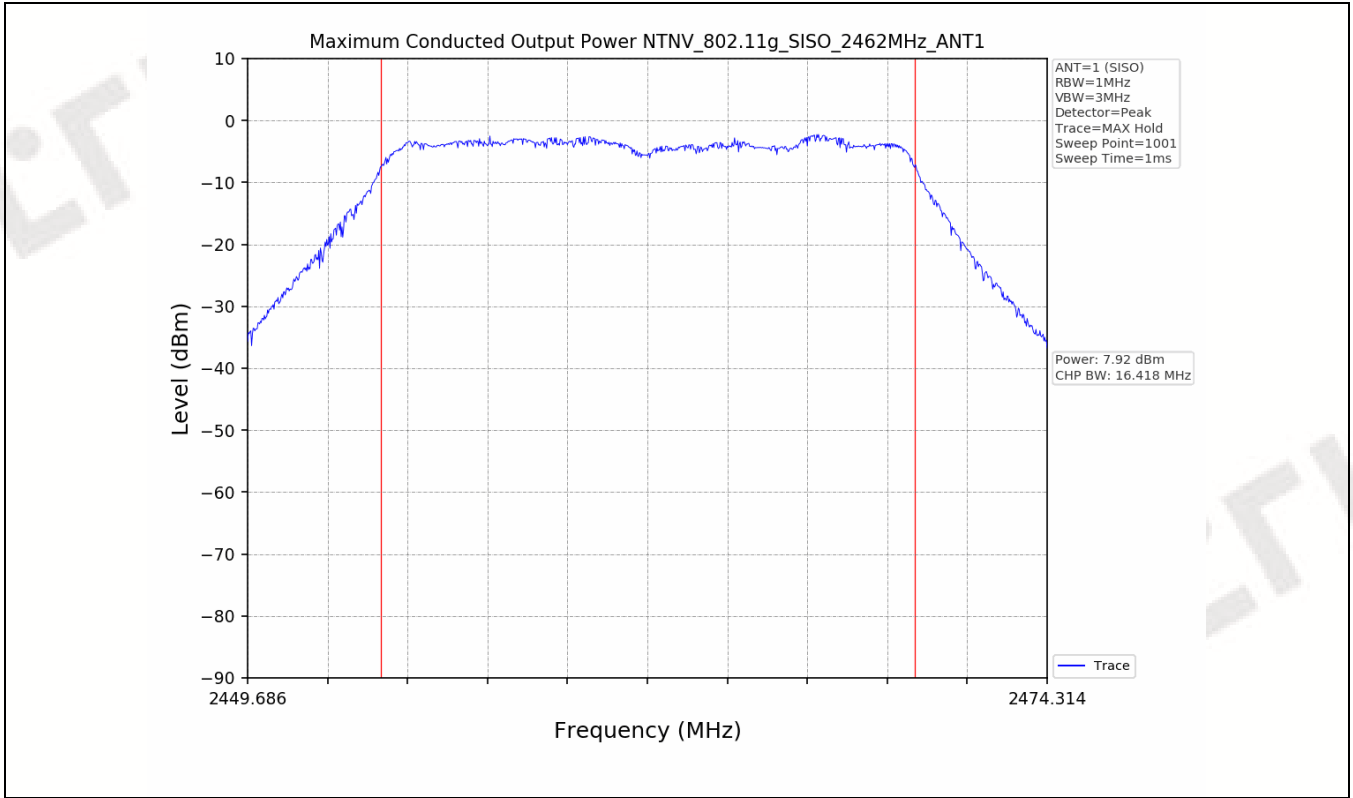
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
802.11b	2412	SISO	8.63	30	PASS
	2437	SISO	8.27	30	PASS
	2462	SISO	7.90	30	PASS
802.11g	2412	SISO	8.47	30	PASS
	2437	SISO	8.35	30	PASS
	2462	SISO	7.92	30	PASS
802.11n(HT20)	2412	SISO	8.12	30	PASS
	2437	SISO	8.29	30	PASS
	2462	SISO	8.07	30	PASS
802.11n(HT40)	2422	SISO	8.79	30	PASS
	2437	SISO	8.77	30	PASS
	2452	SISO	8.72	30	PASS

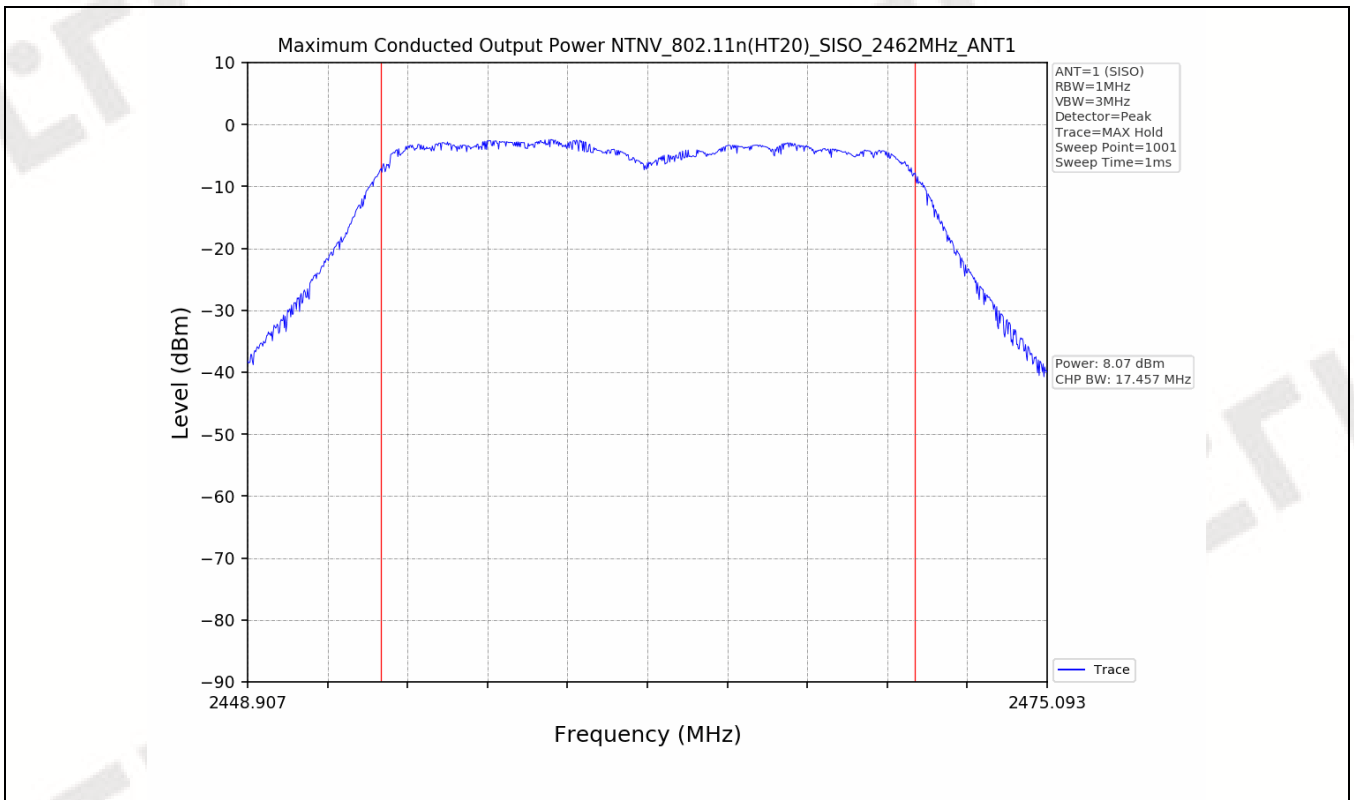
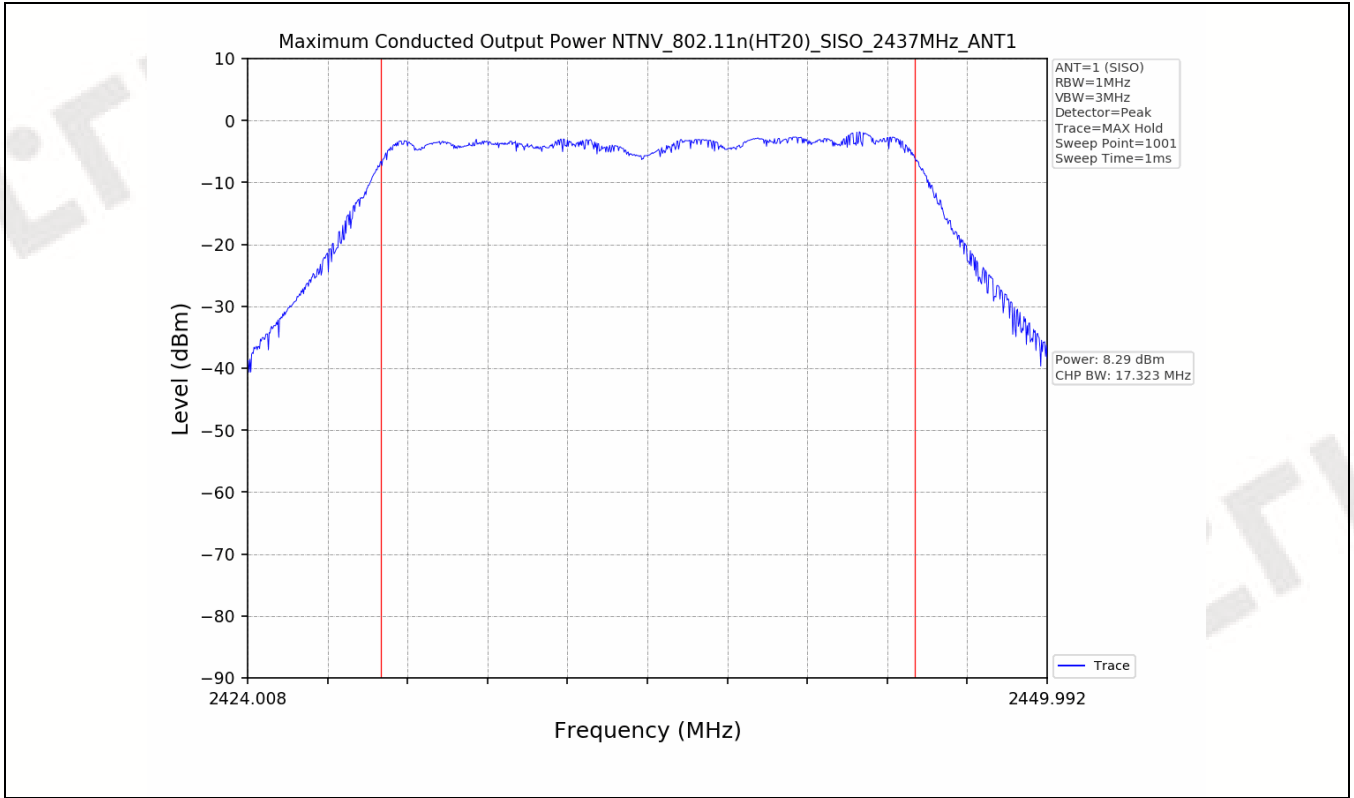
2.2 Test Graph

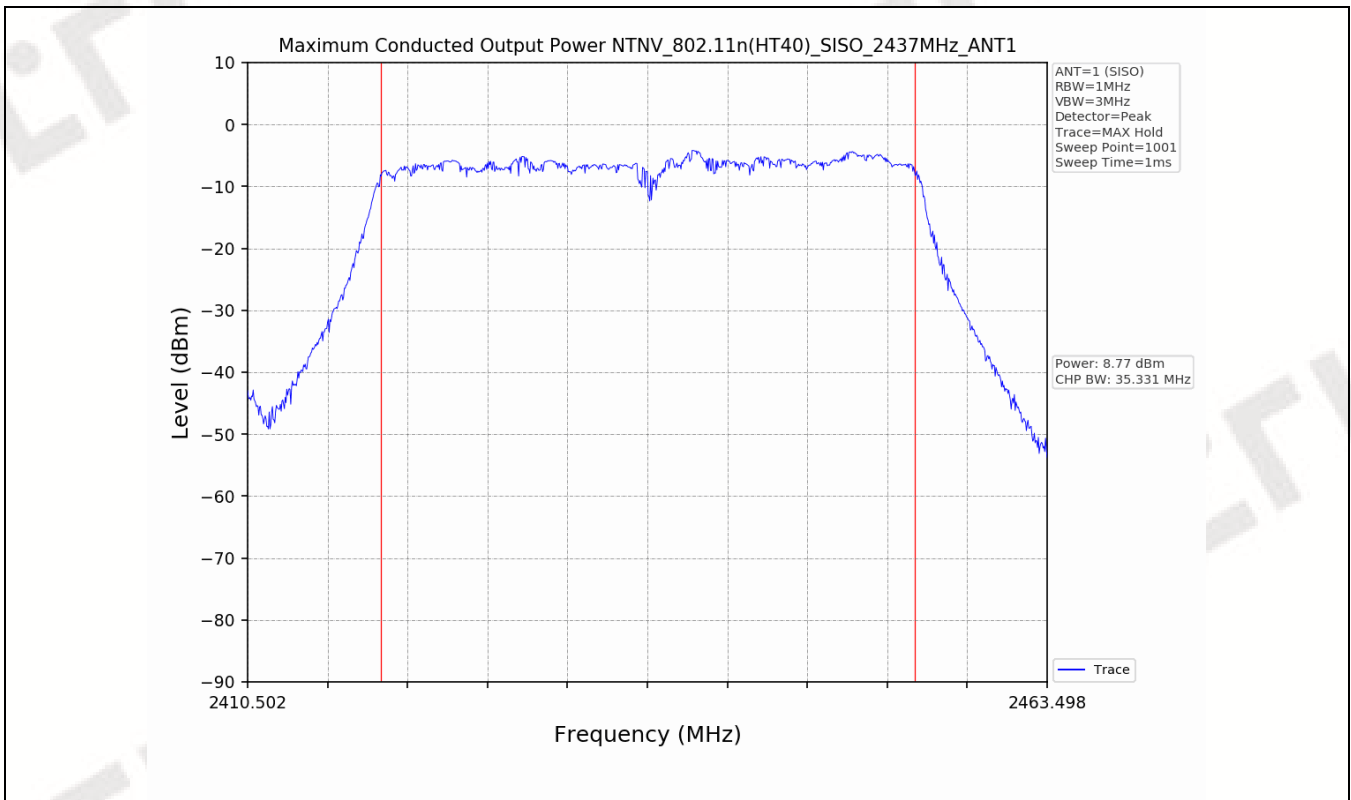
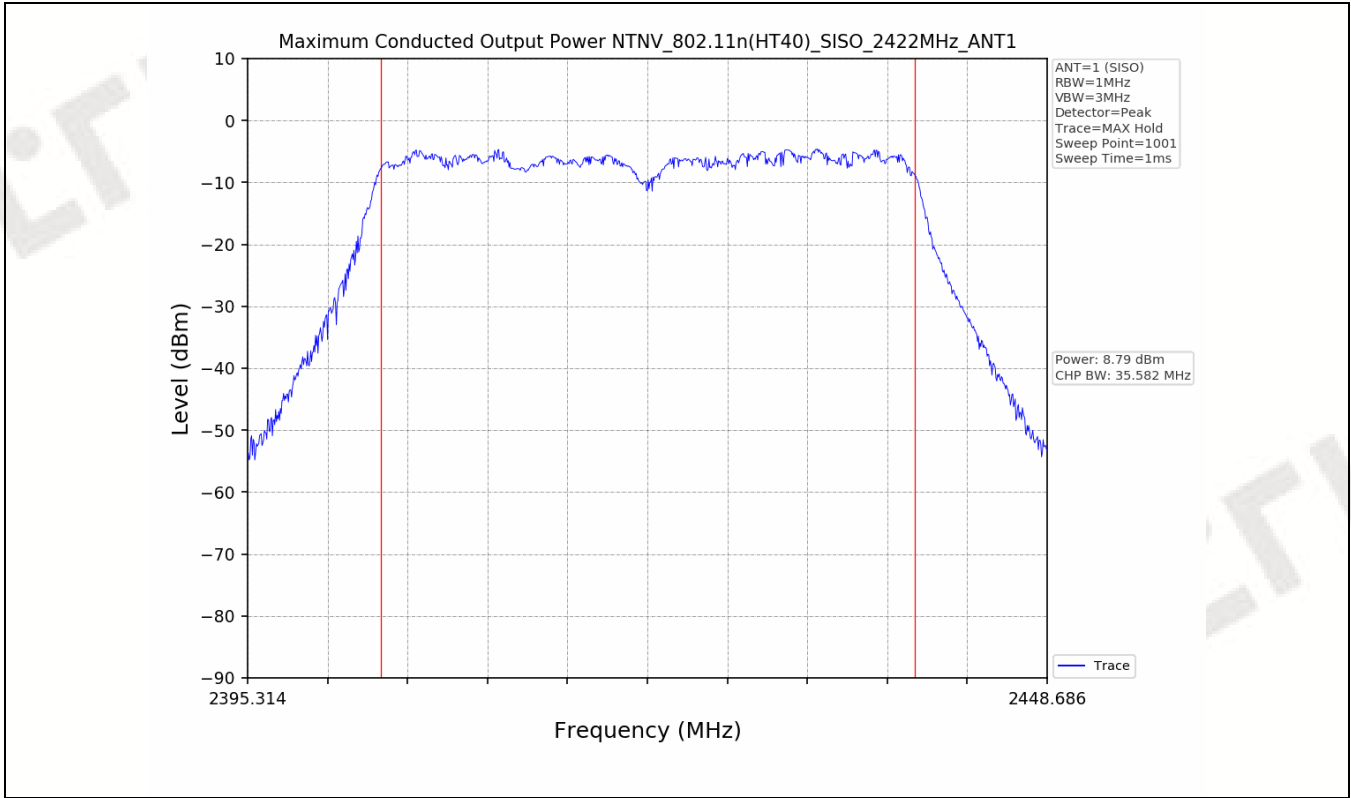


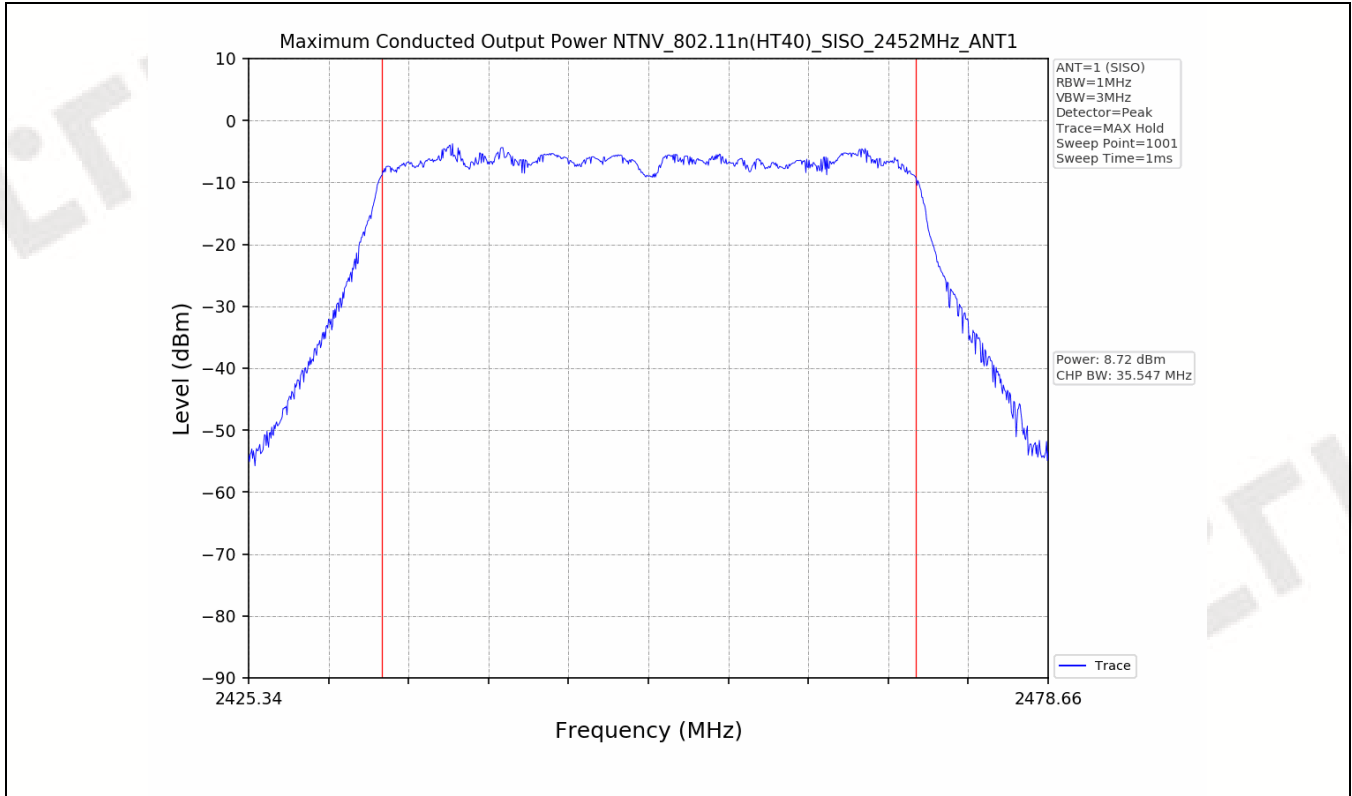










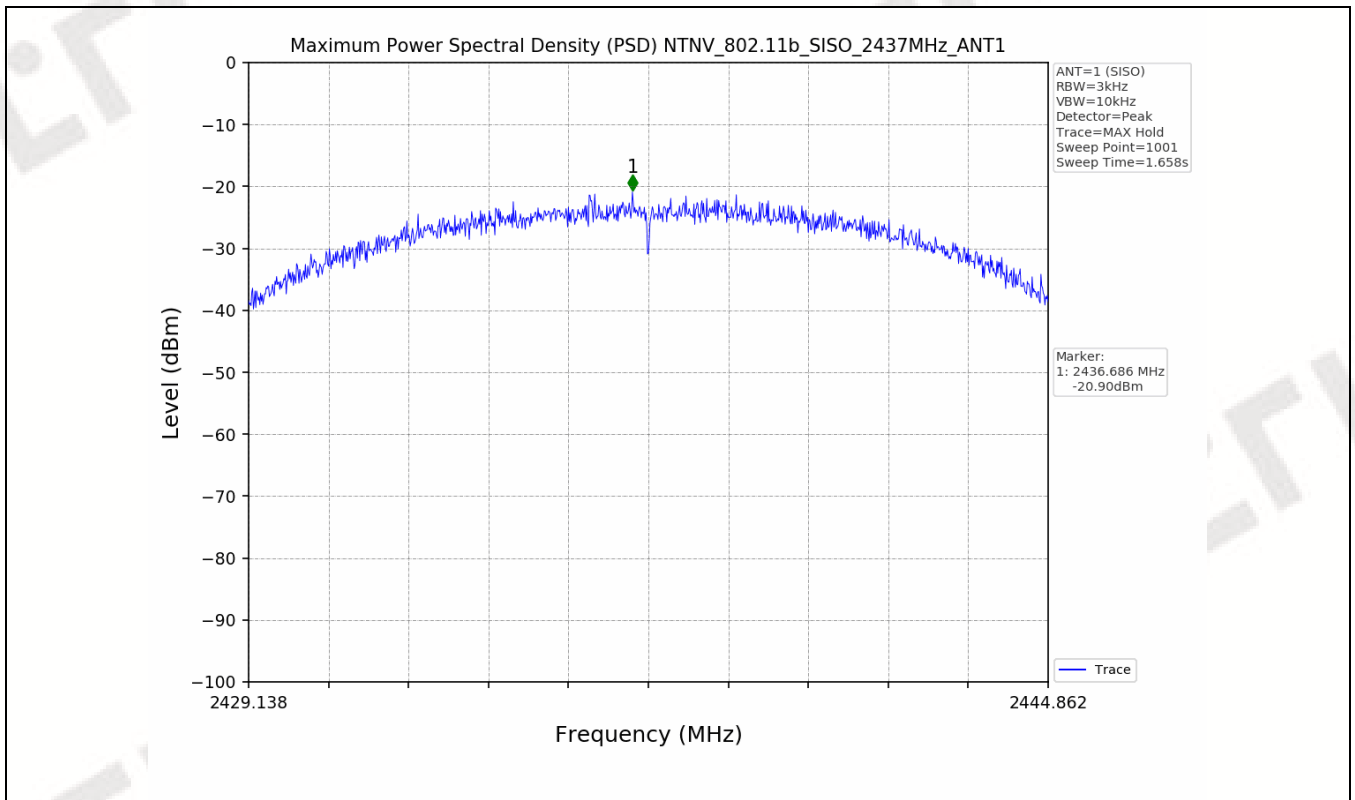
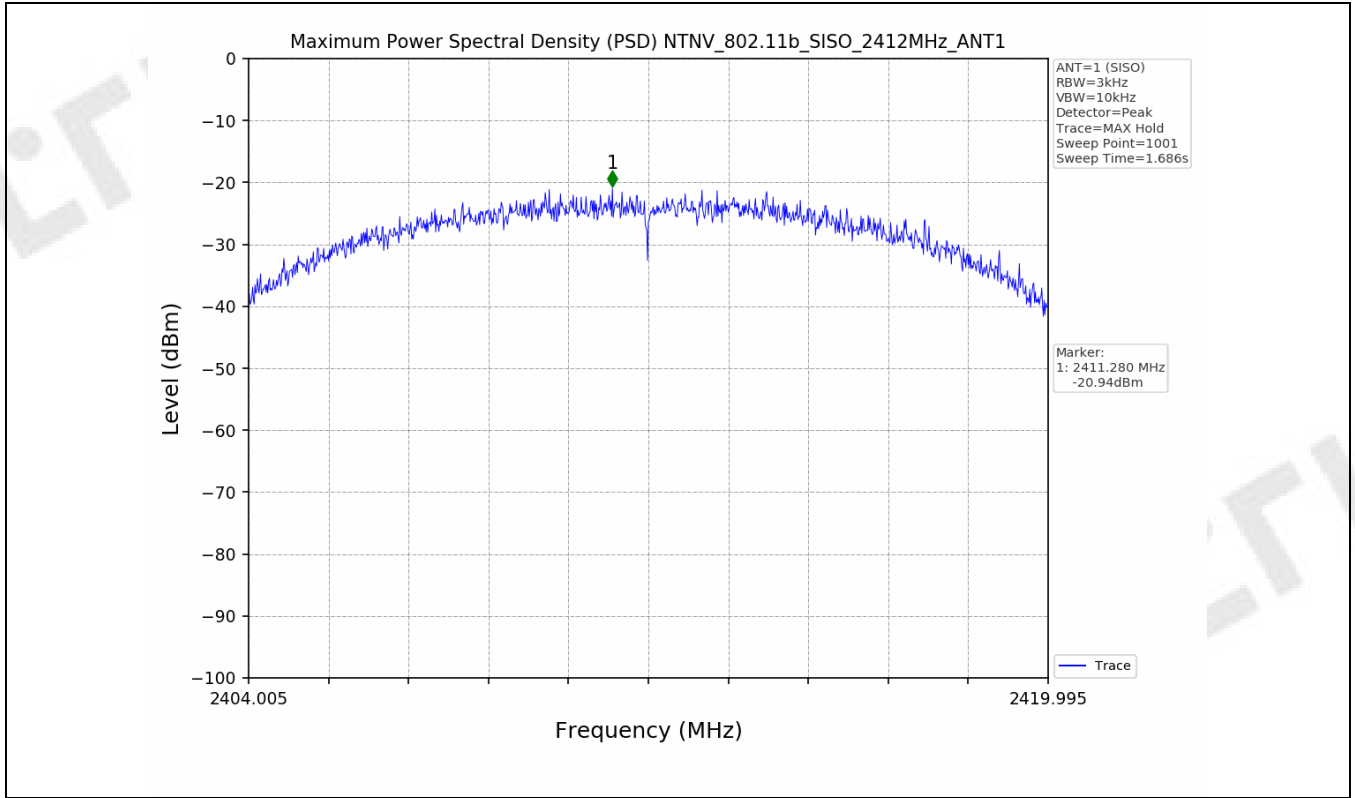


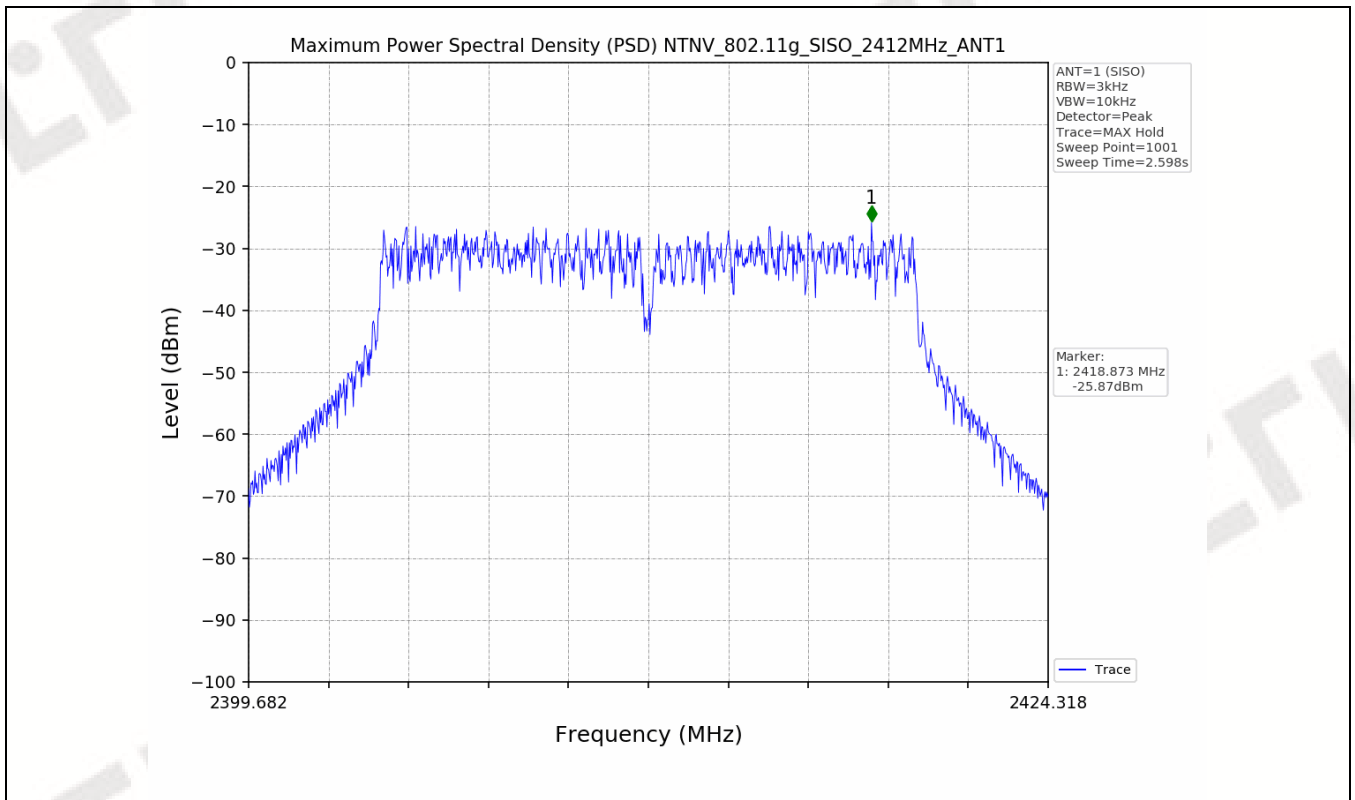
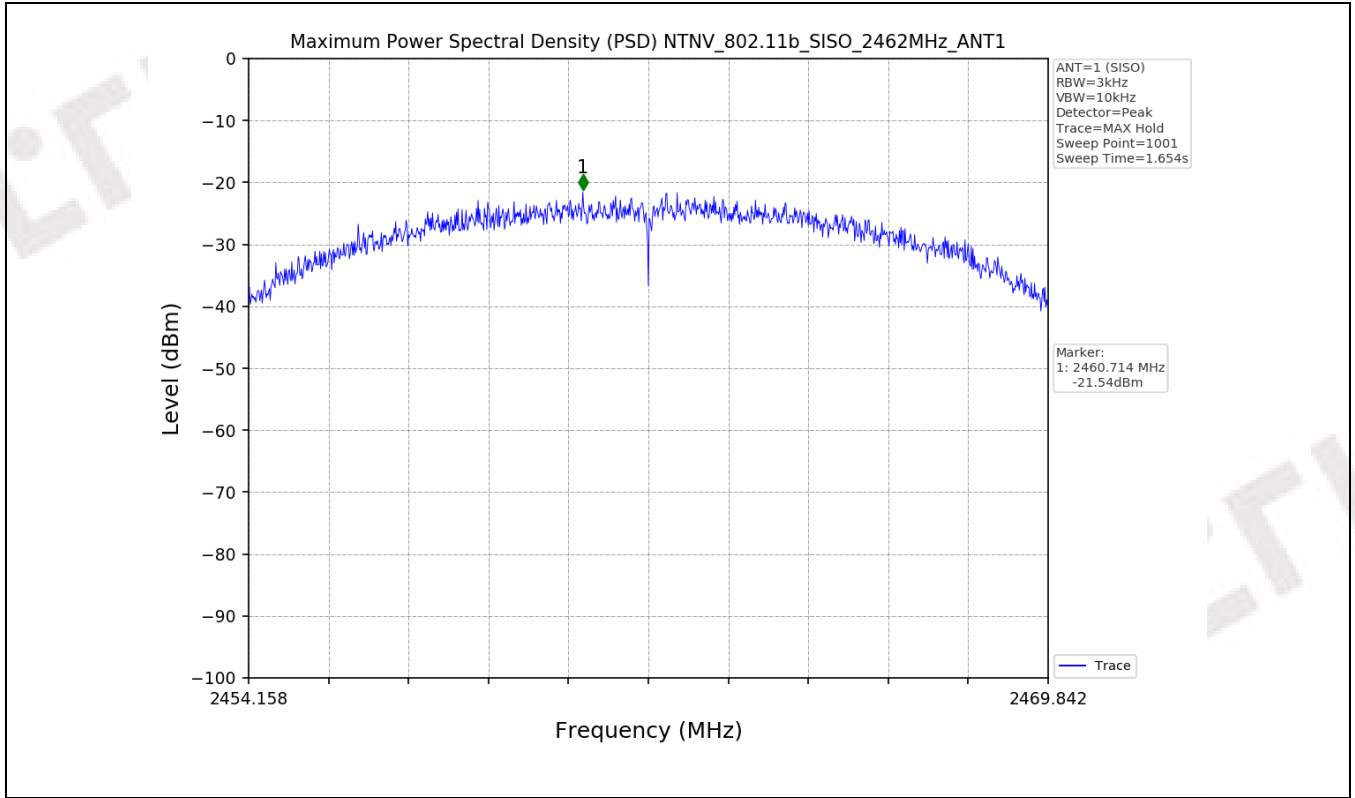
3. Maximum Power Spectral Density (PSD)

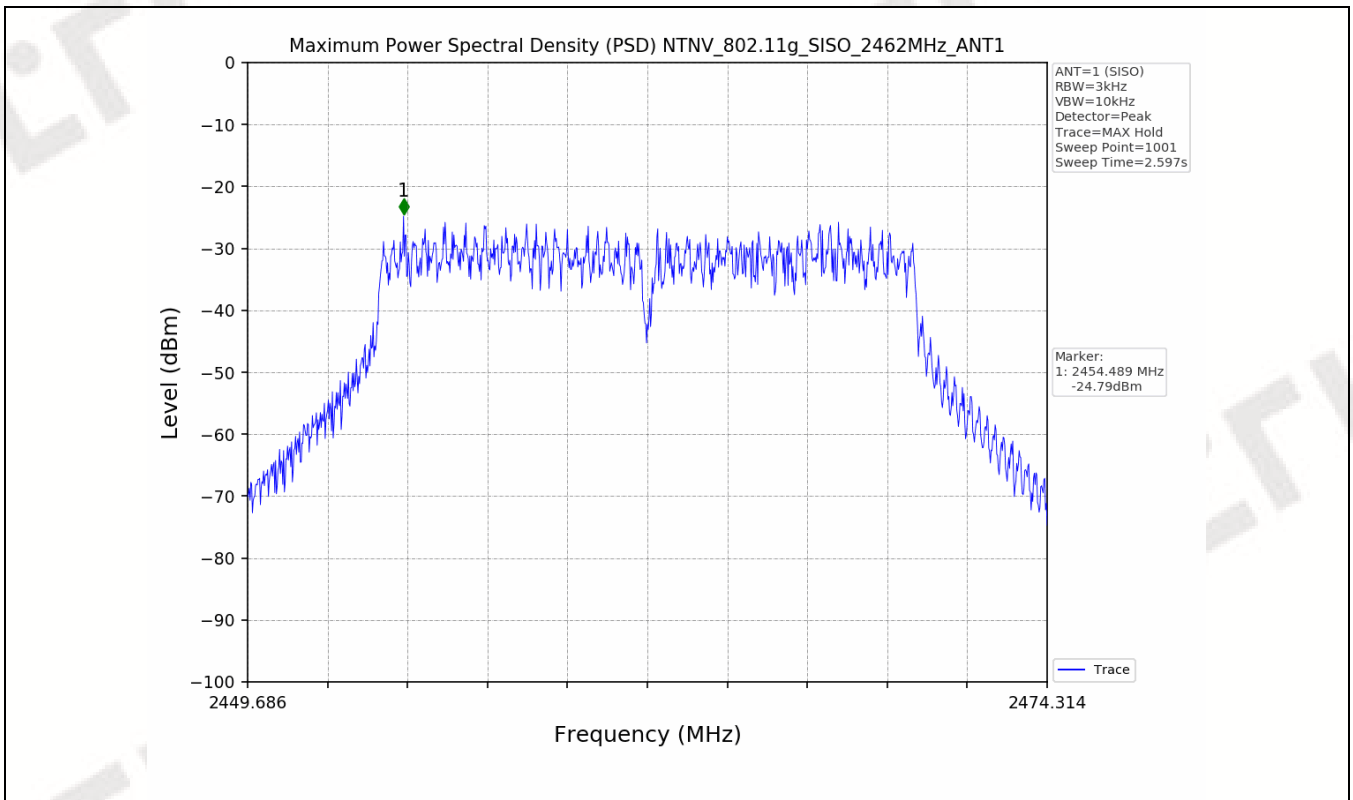
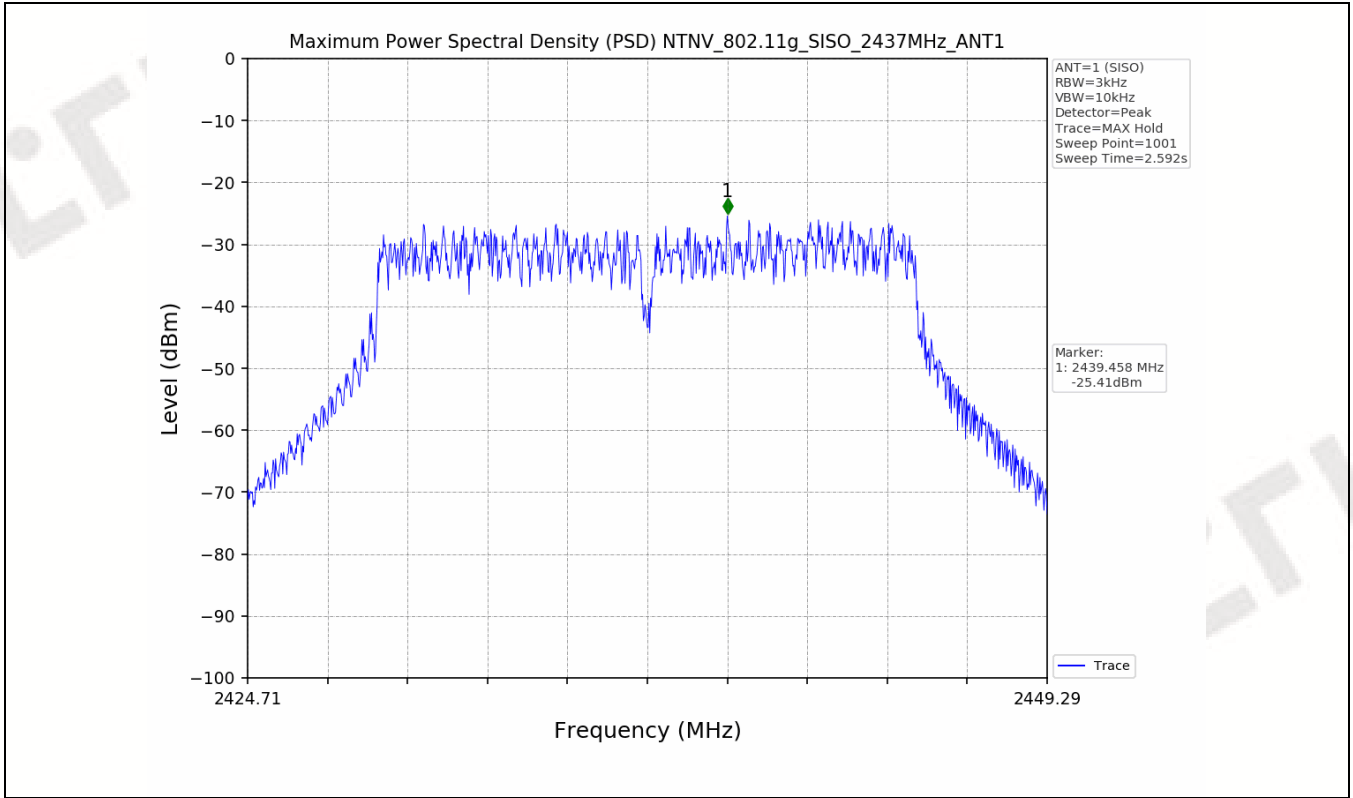
3.1 Test Result

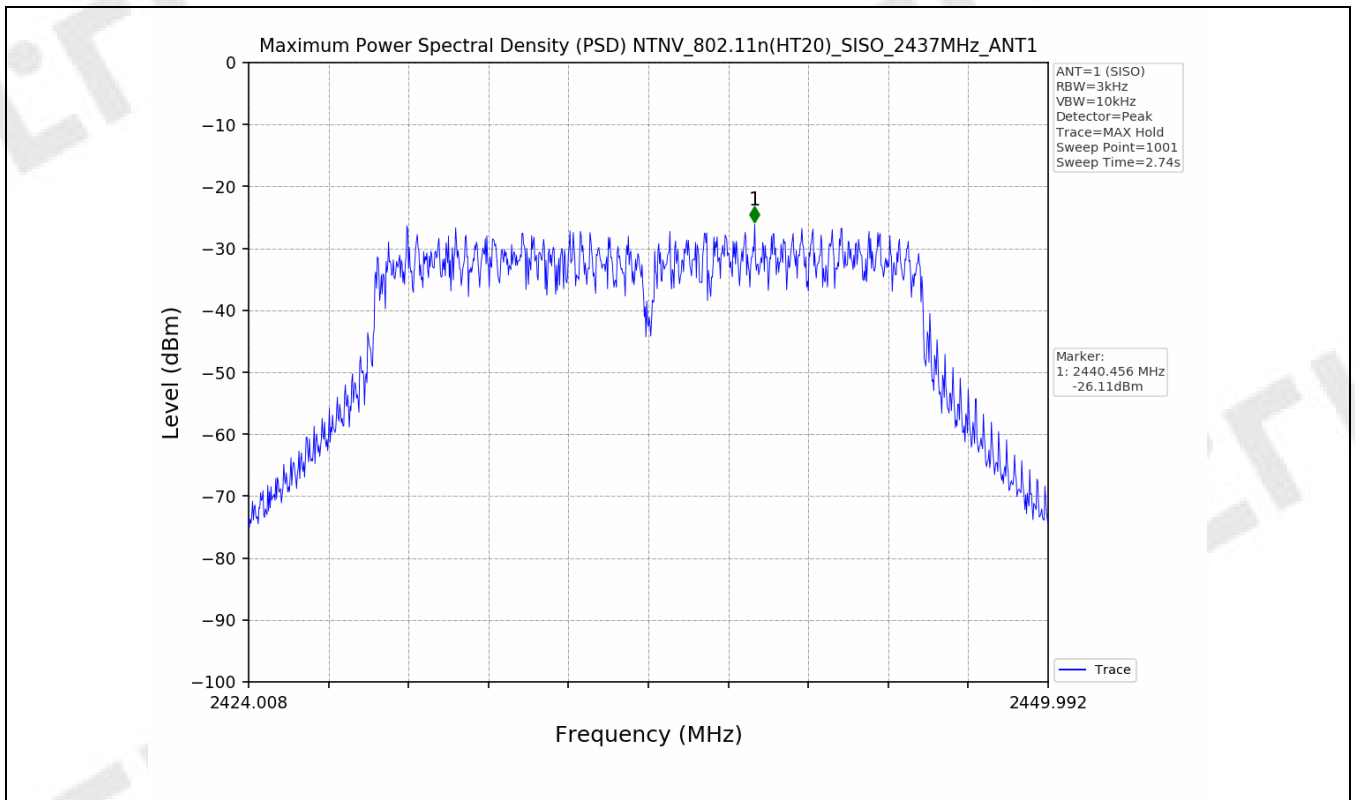
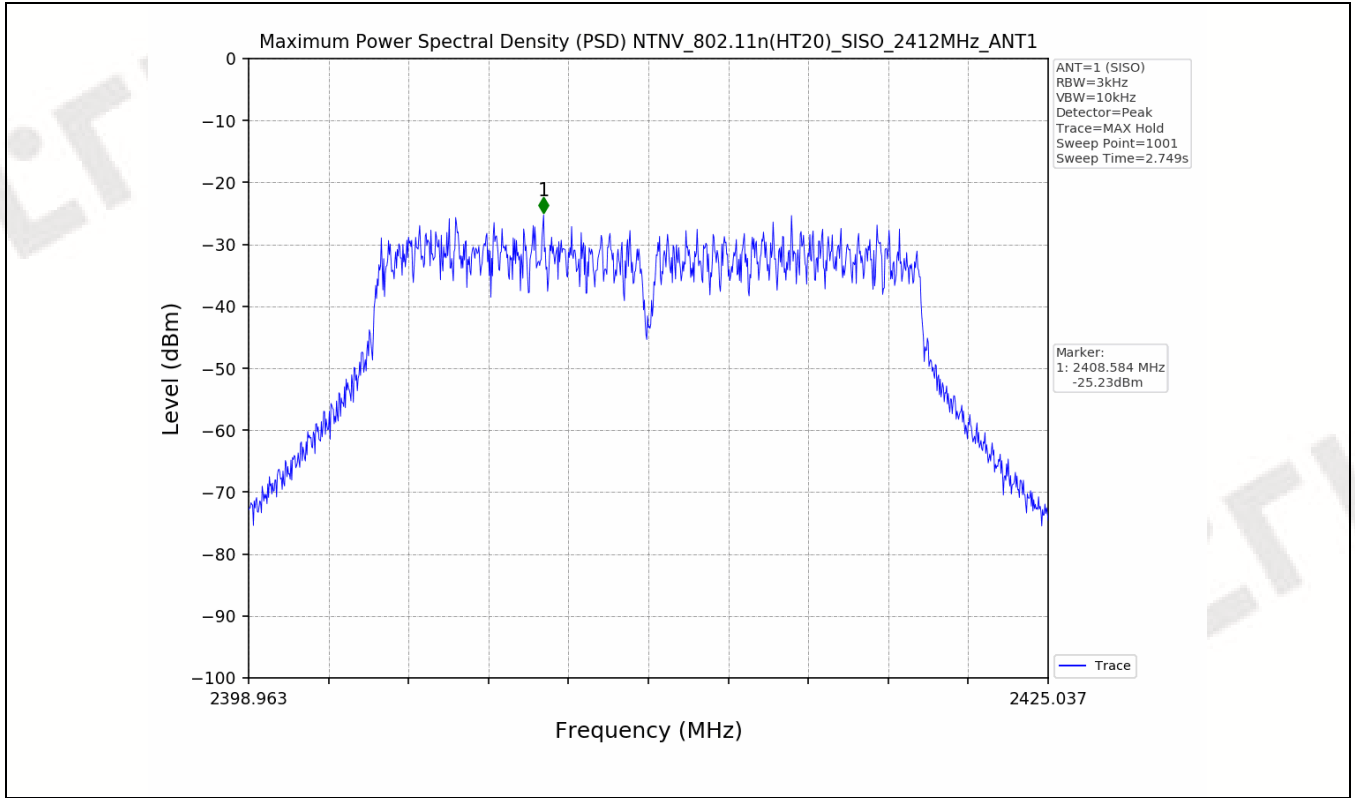
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
802.11b	2412	SISO	-20.94	≤8	PASS
	2437	SISO	-20.90	≤8	PASS
	2462	SISO	-21.54	≤8	PASS
802.11g	2412	SISO	-25.87	≤8	PASS
	2437	SISO	-25.41	≤8	PASS
	2462	SISO	-24.79	≤8	PASS
802.11n(HT20)	2412	SISO	-25.23	≤8	PASS
	2437	SISO	-26.11	≤8	PASS
	2462	SISO	-25.13	≤8	PASS
802.11n(HT40)	2422	SISO	-26.99	≤8	PASS
	2437	SISO	-27.47	≤8	PASS
	2452	SISO	-27.28	≤8	PASS

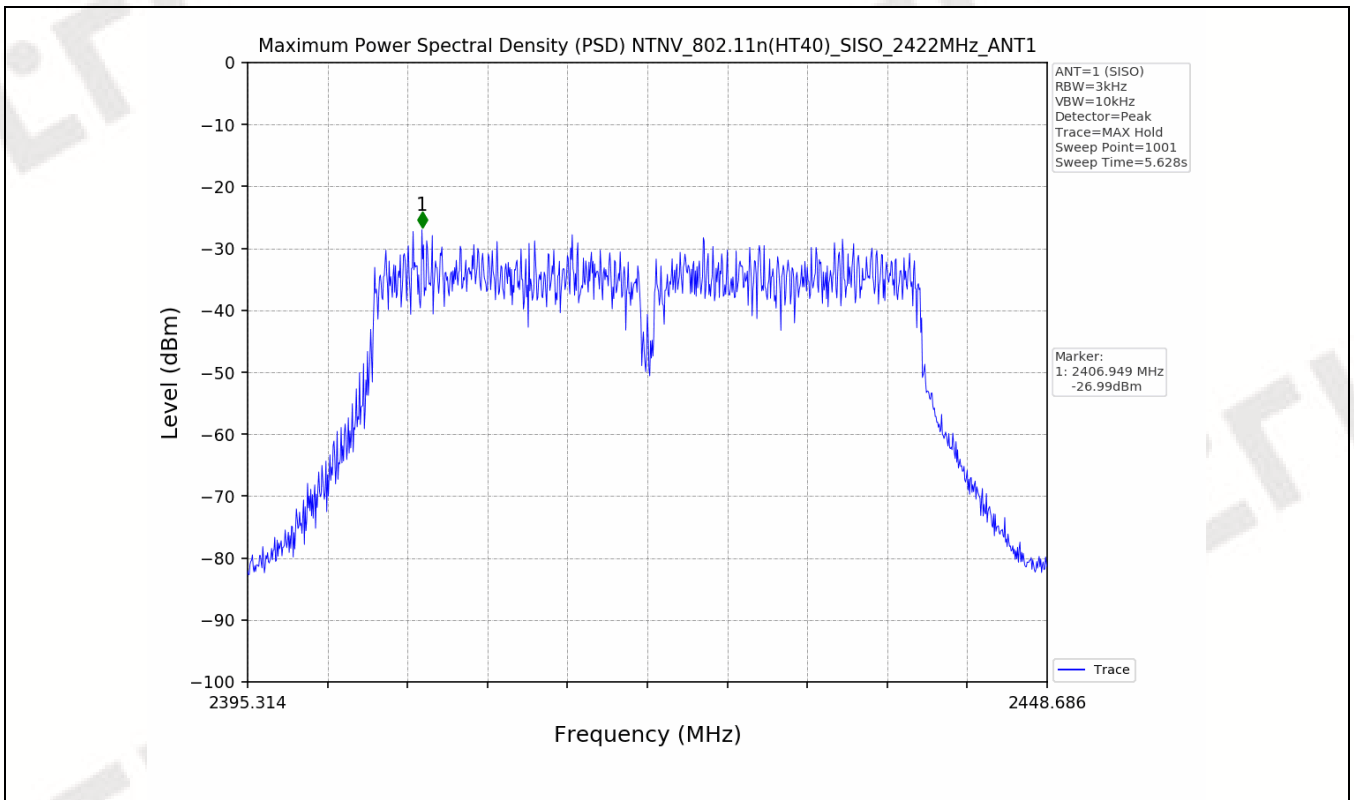
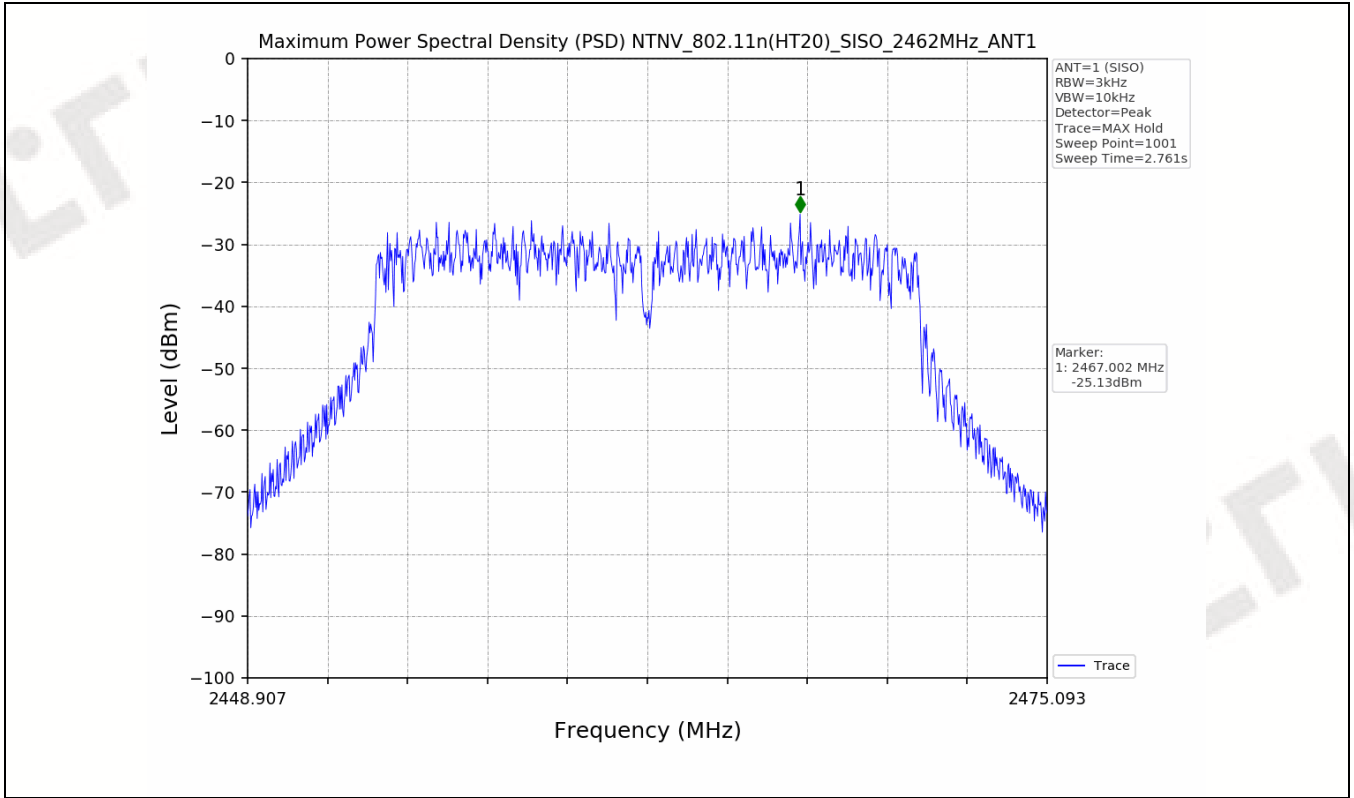
3.2 Test Graph

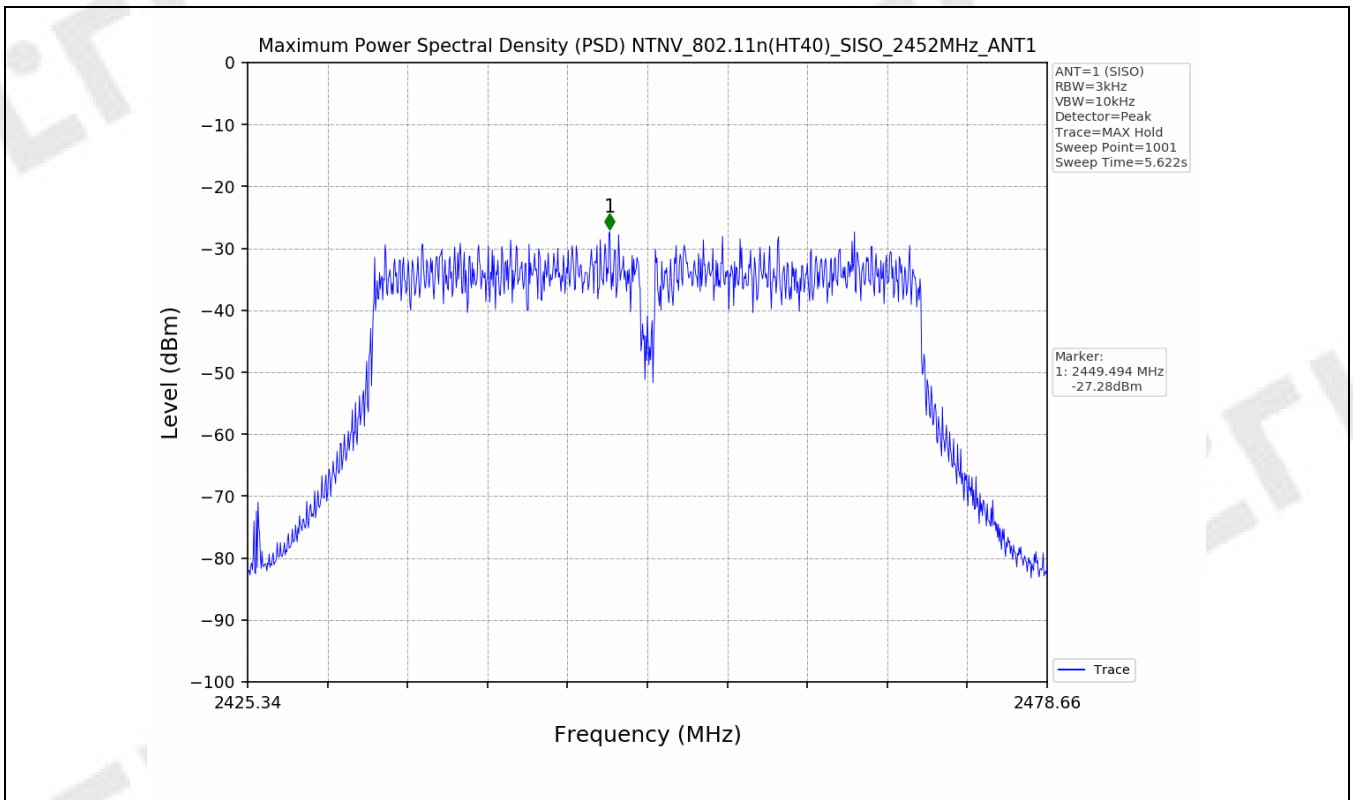
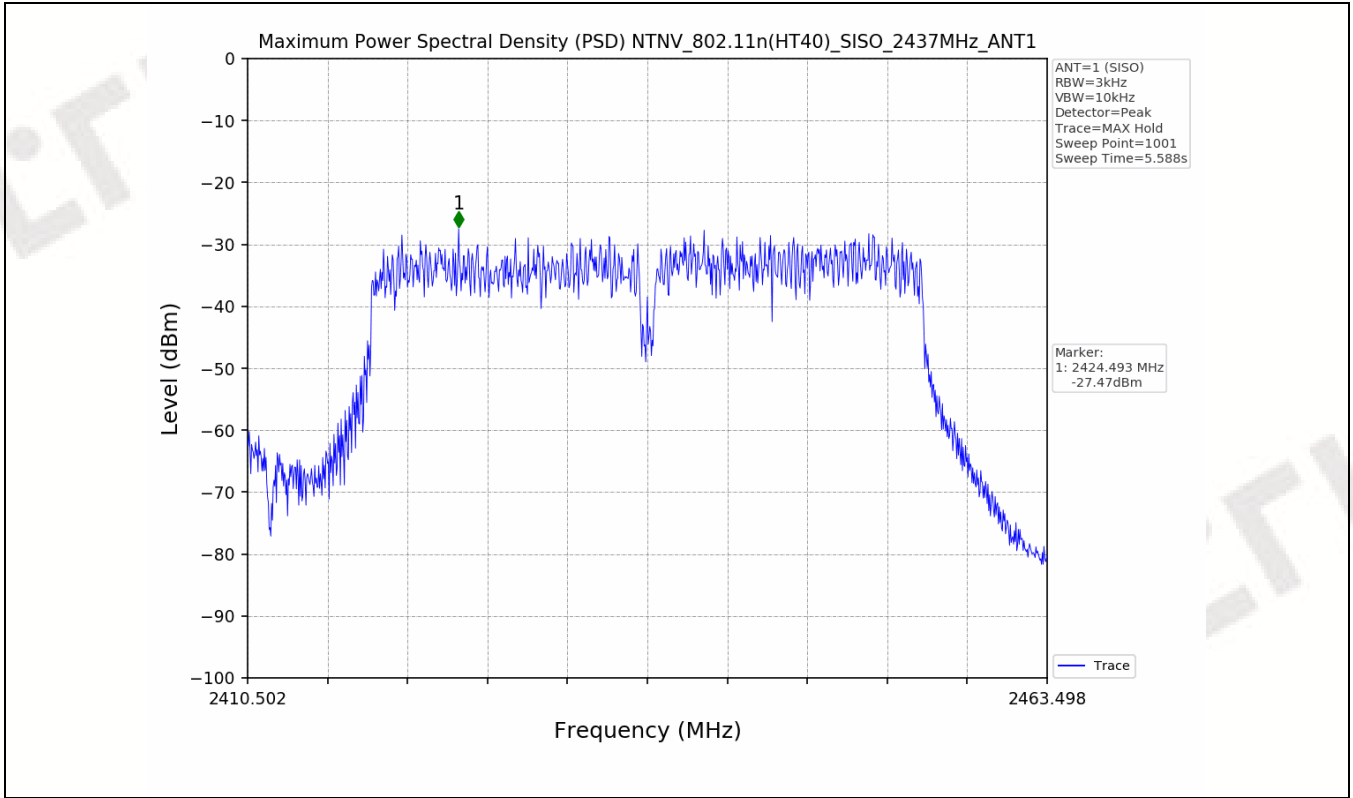












4. Unwanted Emissions in Non-restricted Frequency Bands

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	-25.76	PASS
	2437	SISO	1	Refer to test graph	-25.76	PASS
	2462	SISO	1	Refer to test graph	-25.76	PASS
802.11g	2412	SISO	1	Refer to test graph	-29.65	PASS
	2437	SISO	1	Refer to test graph	-29.65	PASS
	2462	SISO	1	Refer to test graph	-29.65	PASS
802.11n(HT20)	2412	SISO	1	Refer to test graph	-29.98	PASS
	2437	SISO	1	Refer to test graph	-29.98	PASS
	2462	SISO	1	Refer to test graph	-29.98	PASS
802.11n(HT40)	2422	SISO	1	Refer to test graph	-32.16	PASS
	2437	SISO	1	Refer to test graph	-32.16	PASS
	2452	SISO	1	Refer to test graph	-32.16	PASS

4.2 Test Graph

