

Appendix: Test Data for 2.4G WIFI

Product Name: TT1001 10.1 inch Tablet

Test Model: TT1001V2

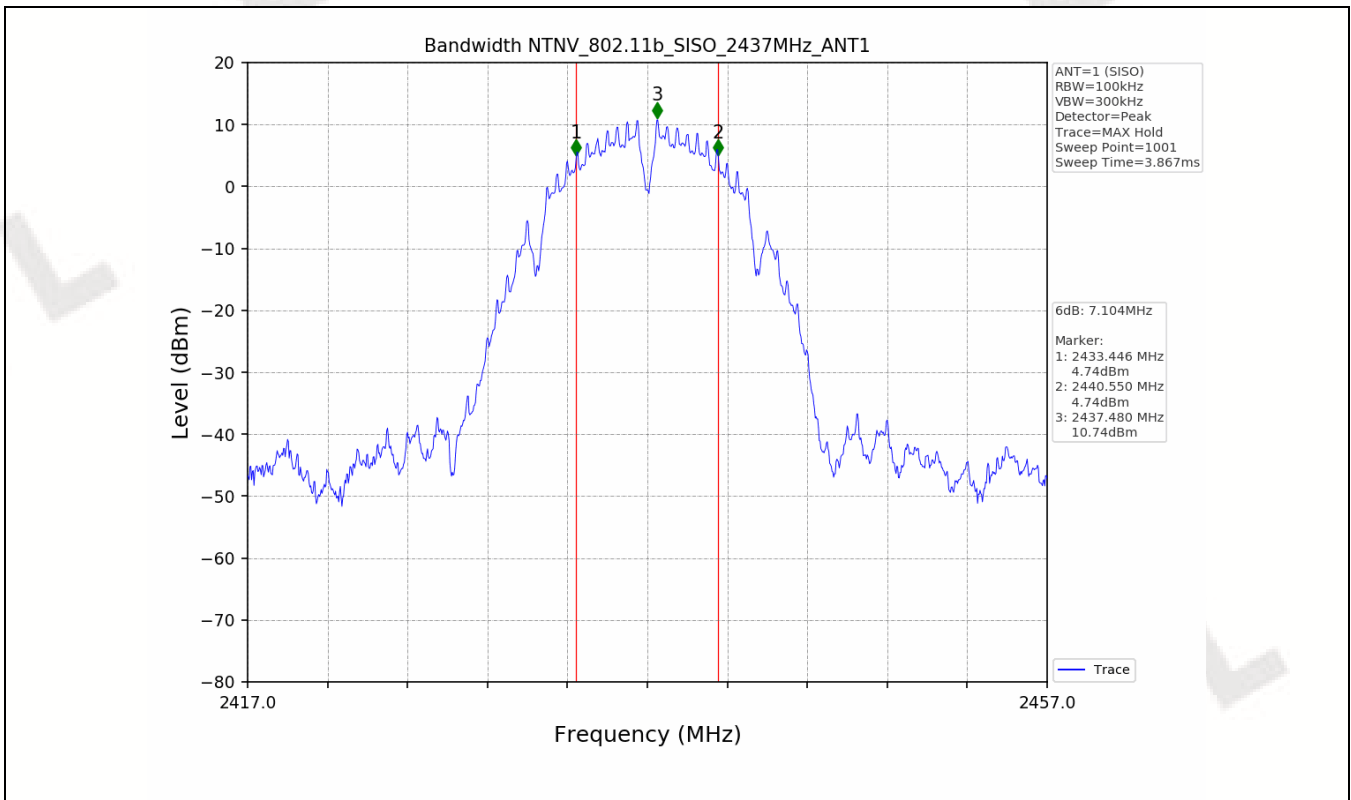
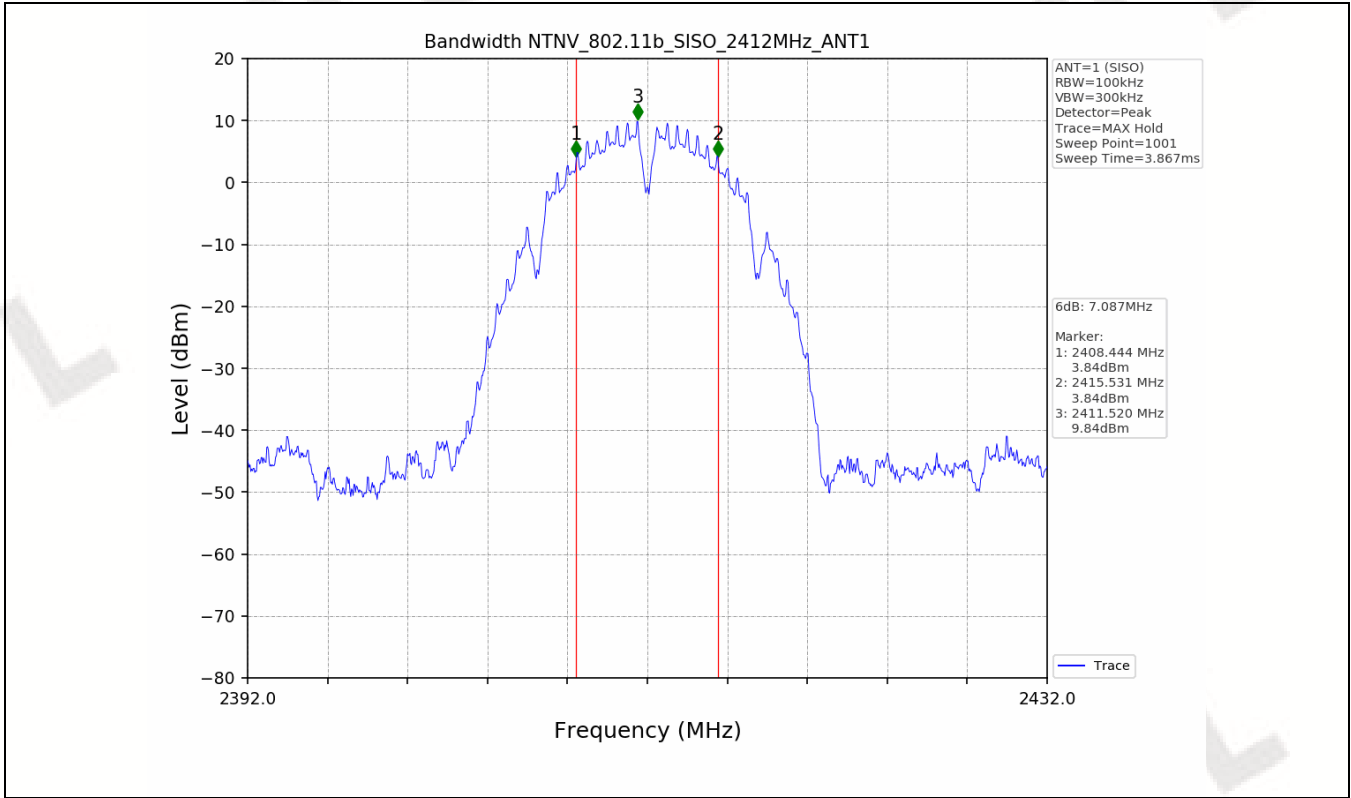
1. Bandwidth

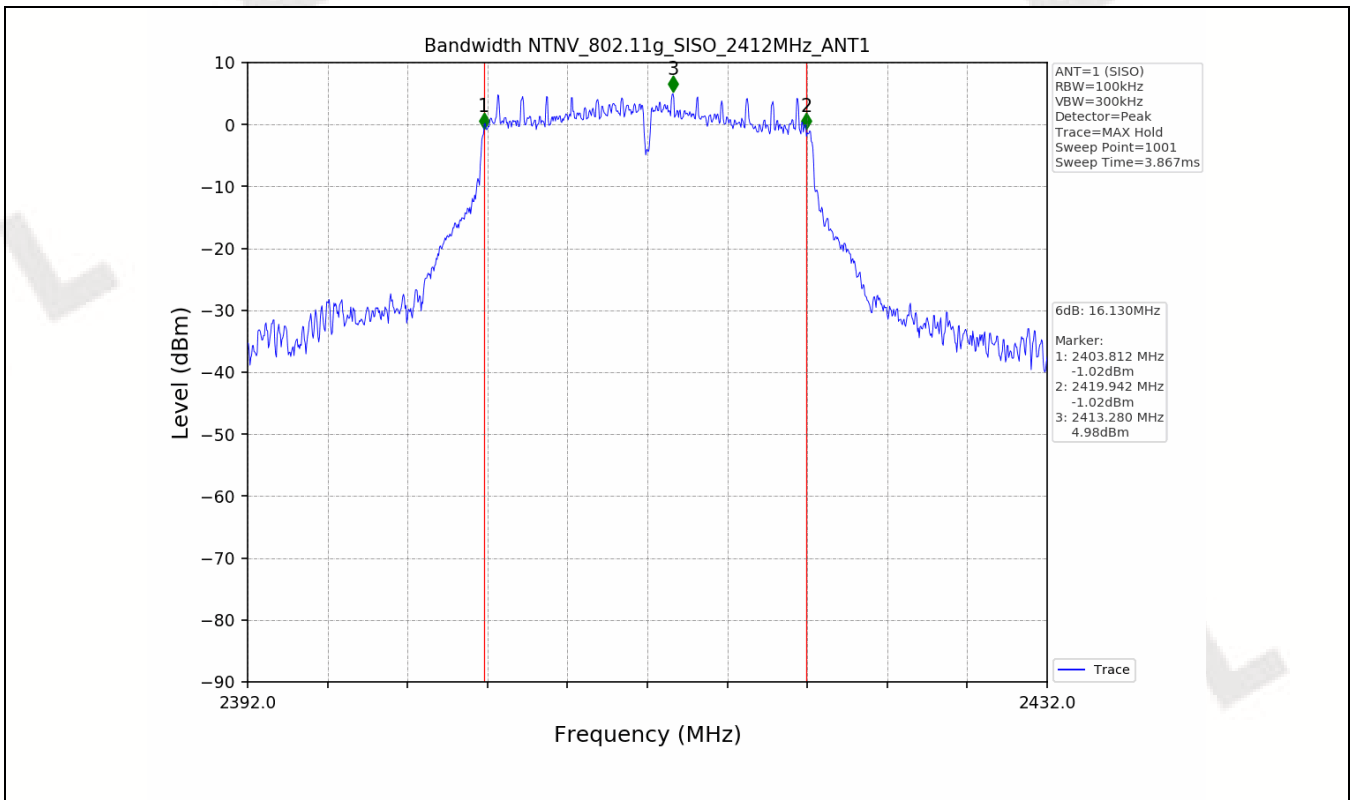
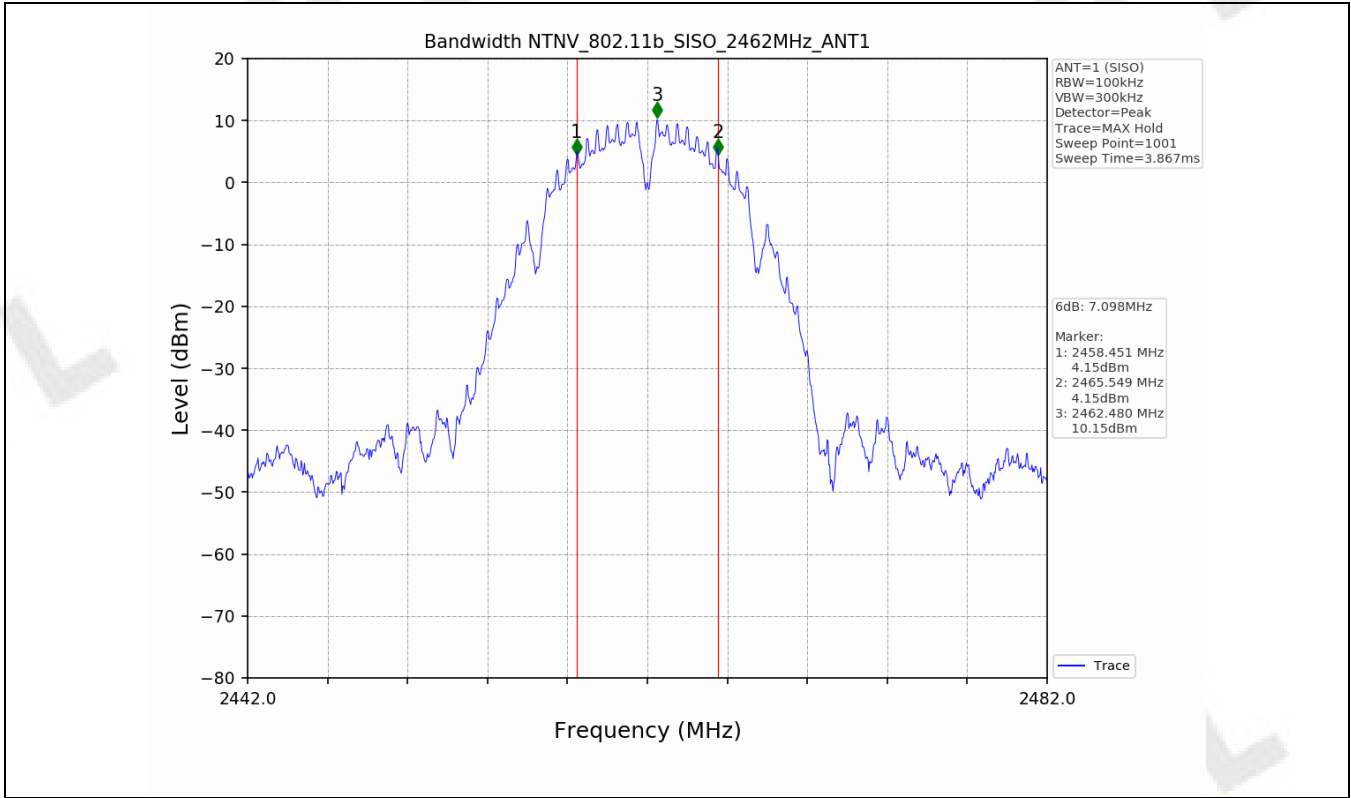
1.1 Test Result

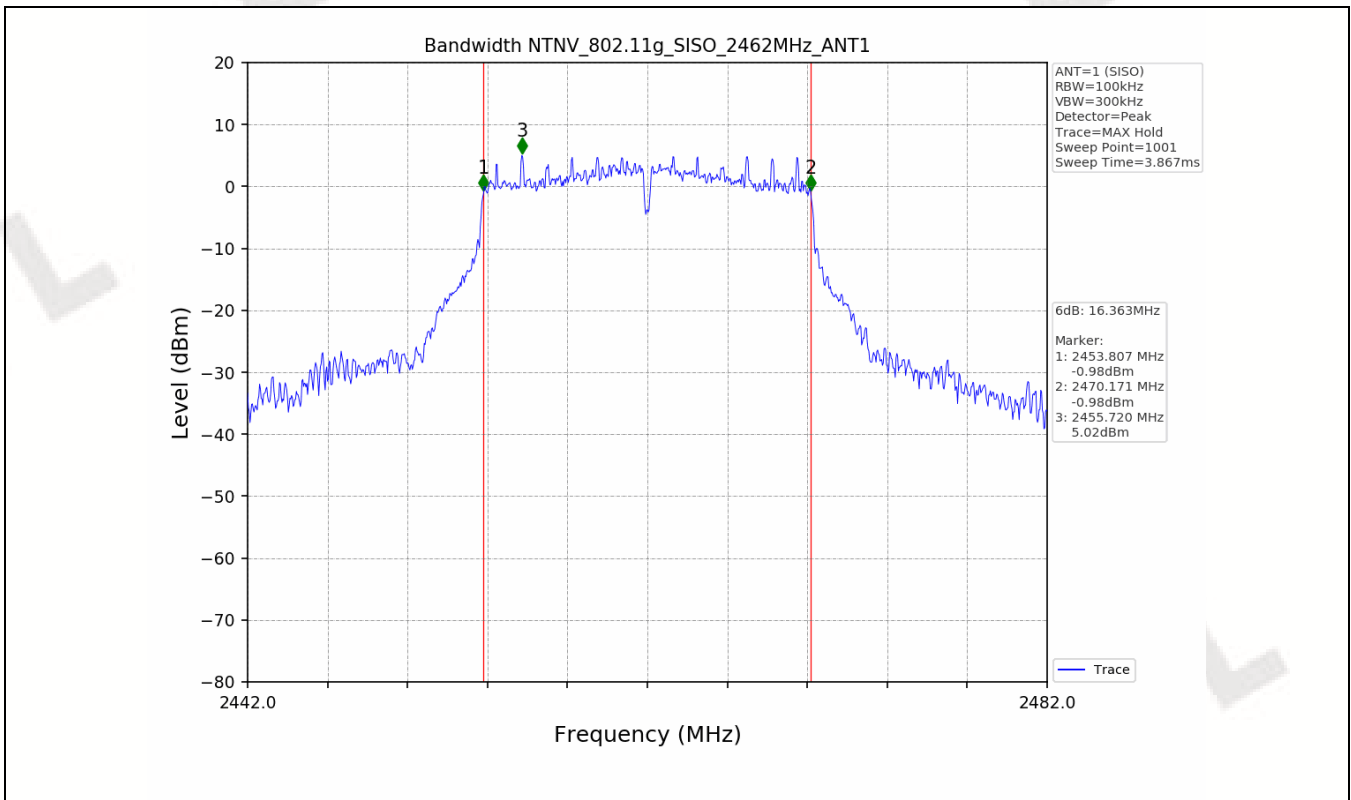
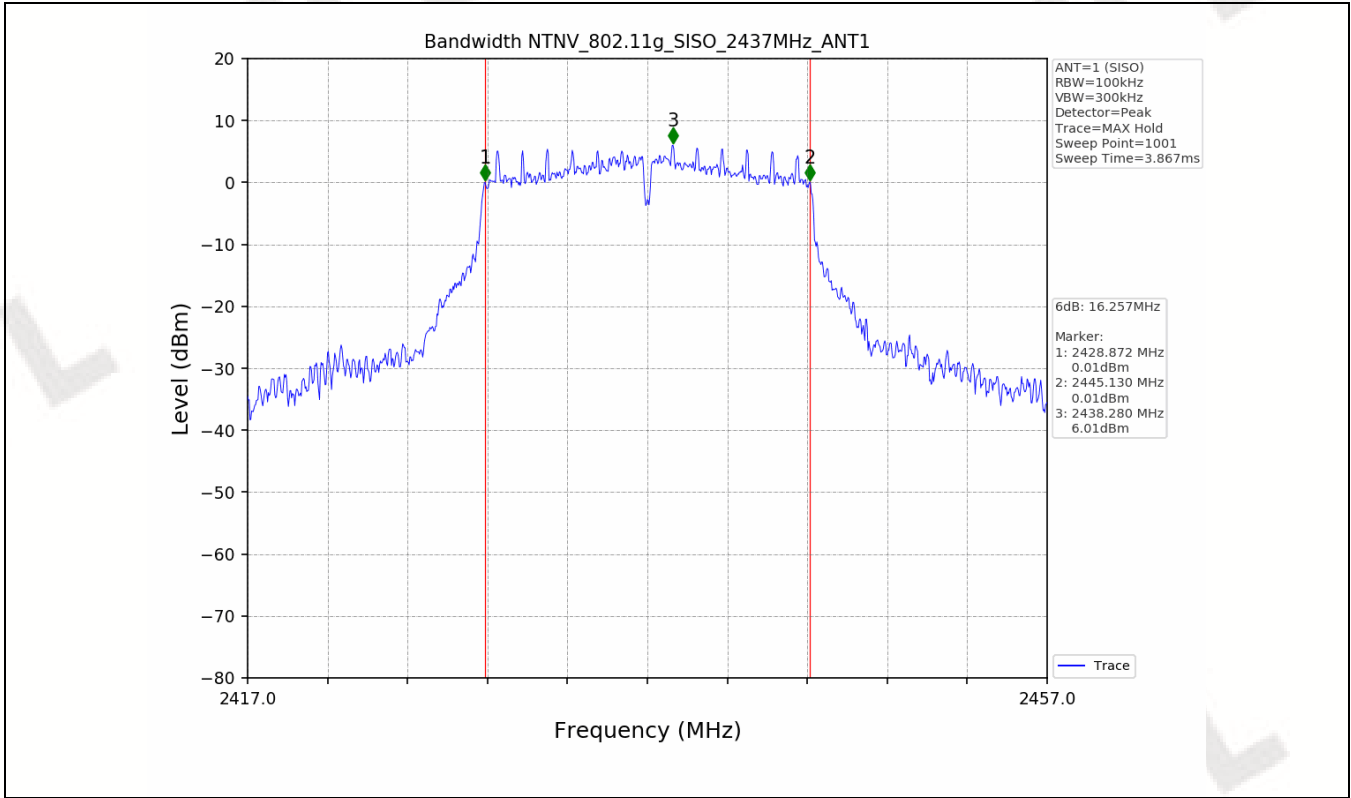
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11b	2412	SISO	1	7.087	≥0.5	PASS
	2437	SISO	1	7.104	≥0.5	PASS
	2462	SISO	1	7.098	≥0.5	PASS
802.11g	2412	SISO	1	16.130	≥0.5	PASS
	2437	SISO	1	16.257	≥0.5	PASS
	2462	SISO	1	16.363	≥0.5	PASS
802.11n(HT20)	2412	MIMO	1	17.586	≥0.5	PASS
	2437	MIMO	1	16.973	≥0.5	PASS
	2462	MIMO	1	17.576	≥0.5	PASS

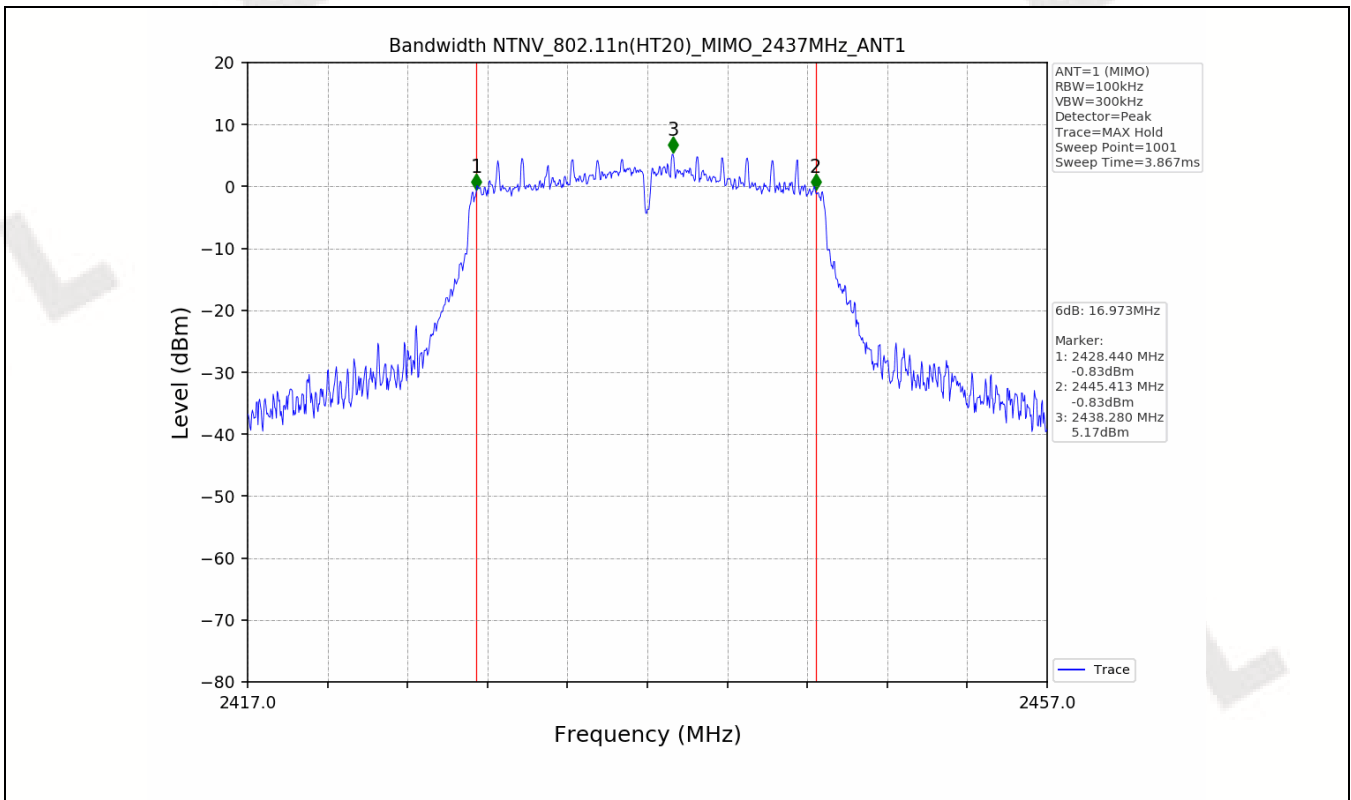
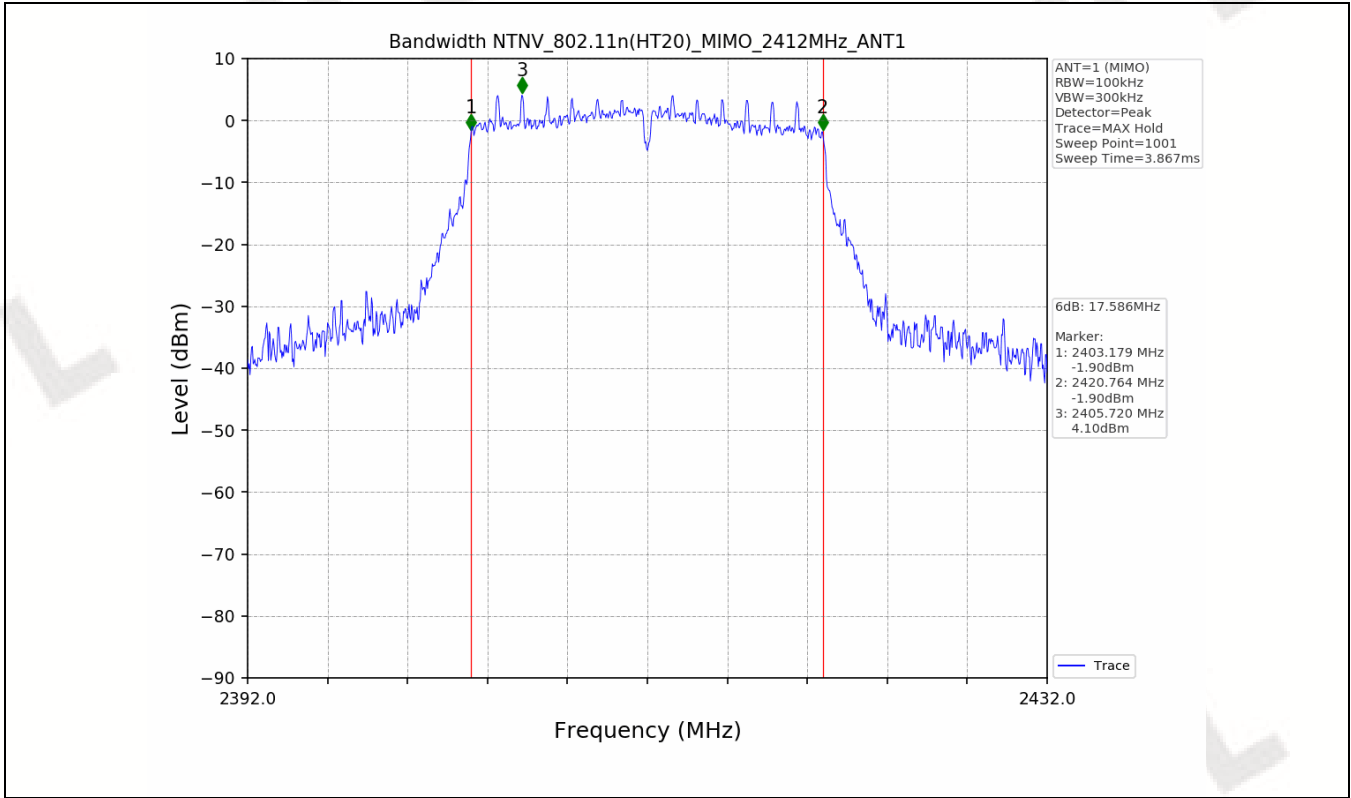
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	10.308	Only for Report Use
	2437	SISO	1	10.361	Only for Report Use
	2462	SISO	1	10.369	Only for Report Use
802.11g	2412	SISO	1	17.023	Only for Report Use
	2437	SISO	1	16.956	Only for Report Use
	2462	SISO	1	16.994	Only for Report Use
802.11n(HT20)	2412	MIMO	1	18.120	Only for Report Use
	2437	MIMO	1	18.013	Only for Report Use
	2462	MIMO	1	18.131	Only for Report Use

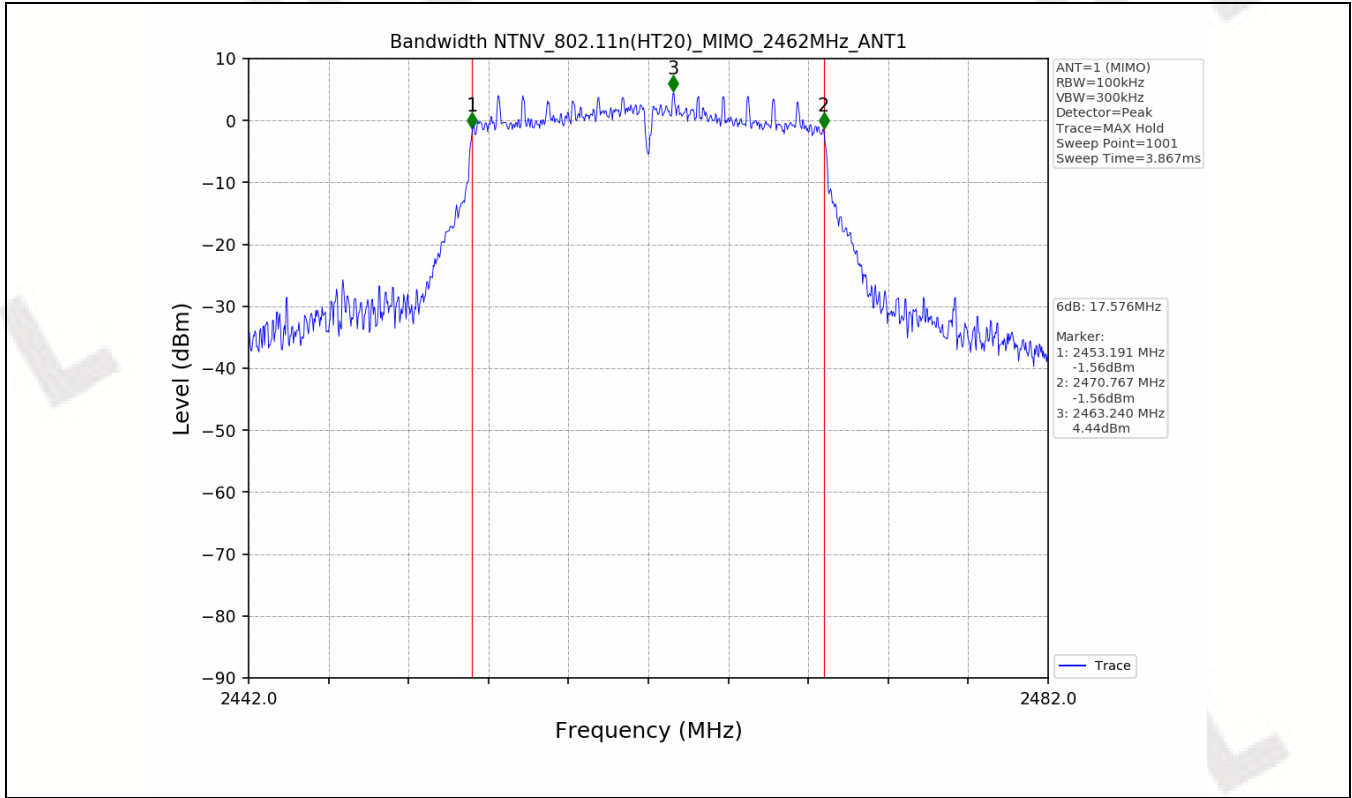
1.2 Test Graph - 6dB Bandwidth



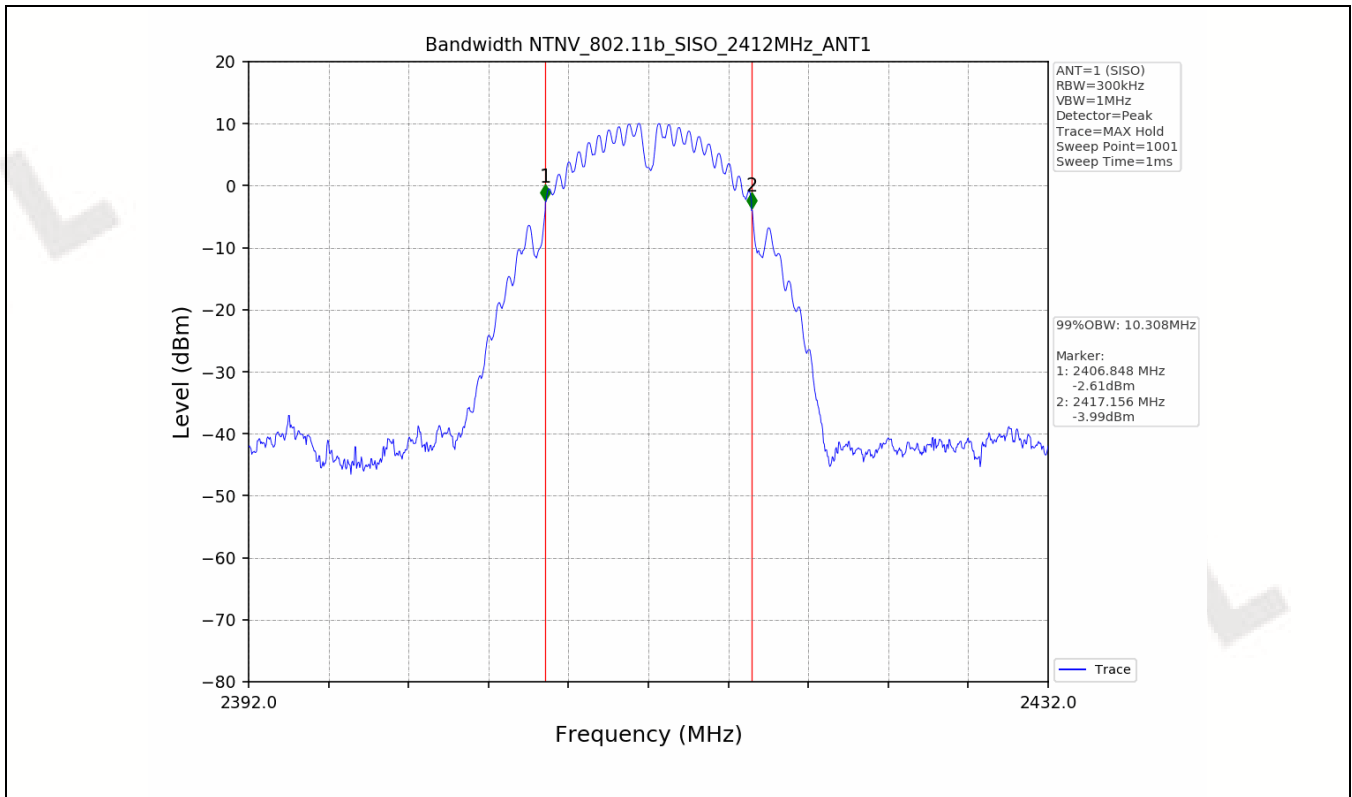


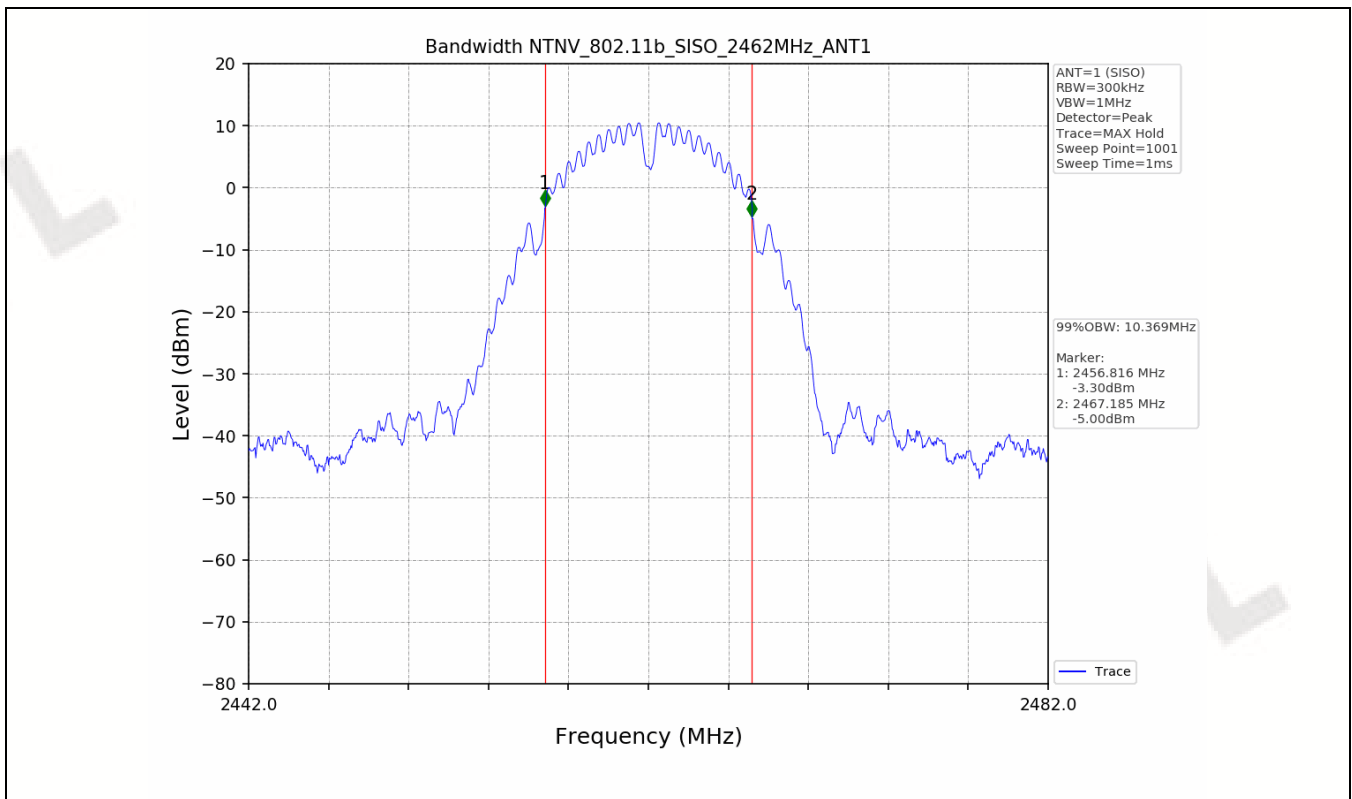
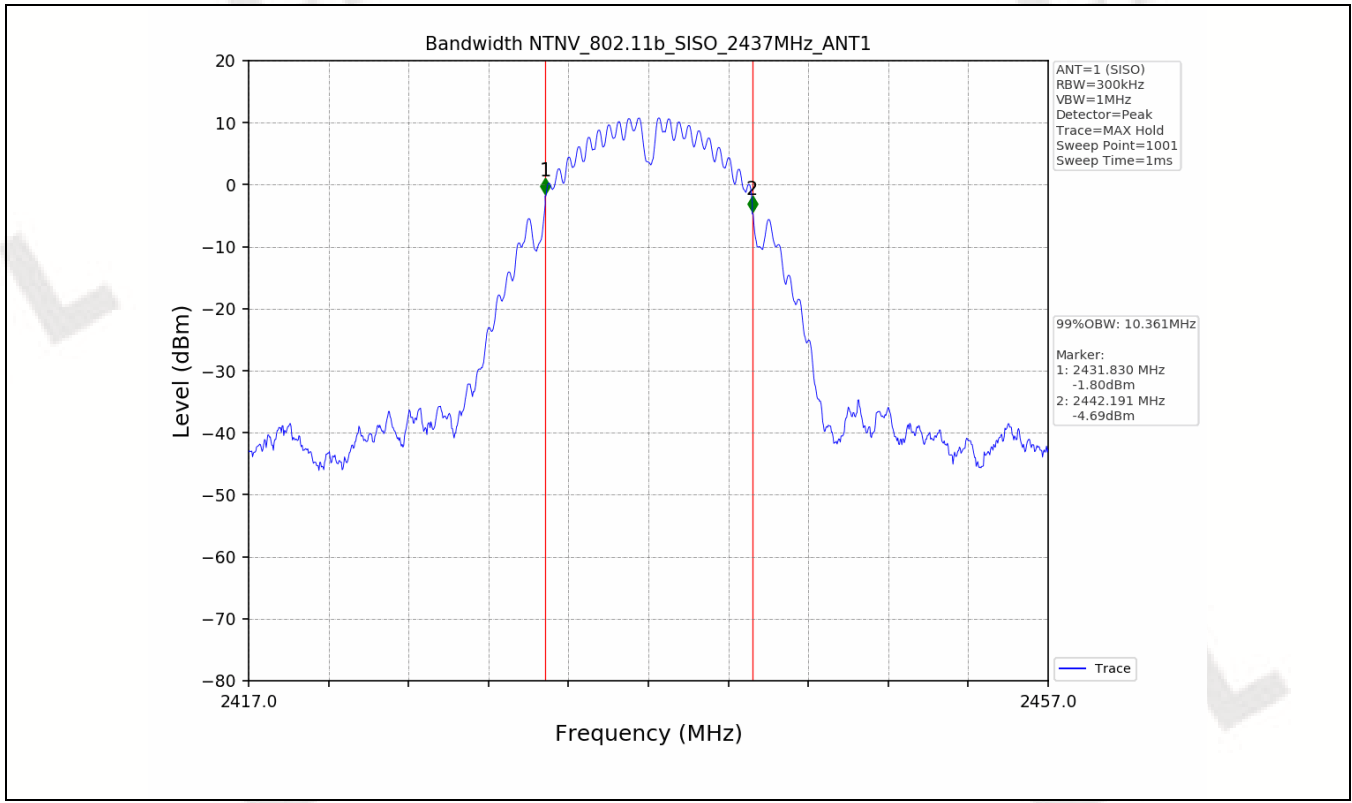


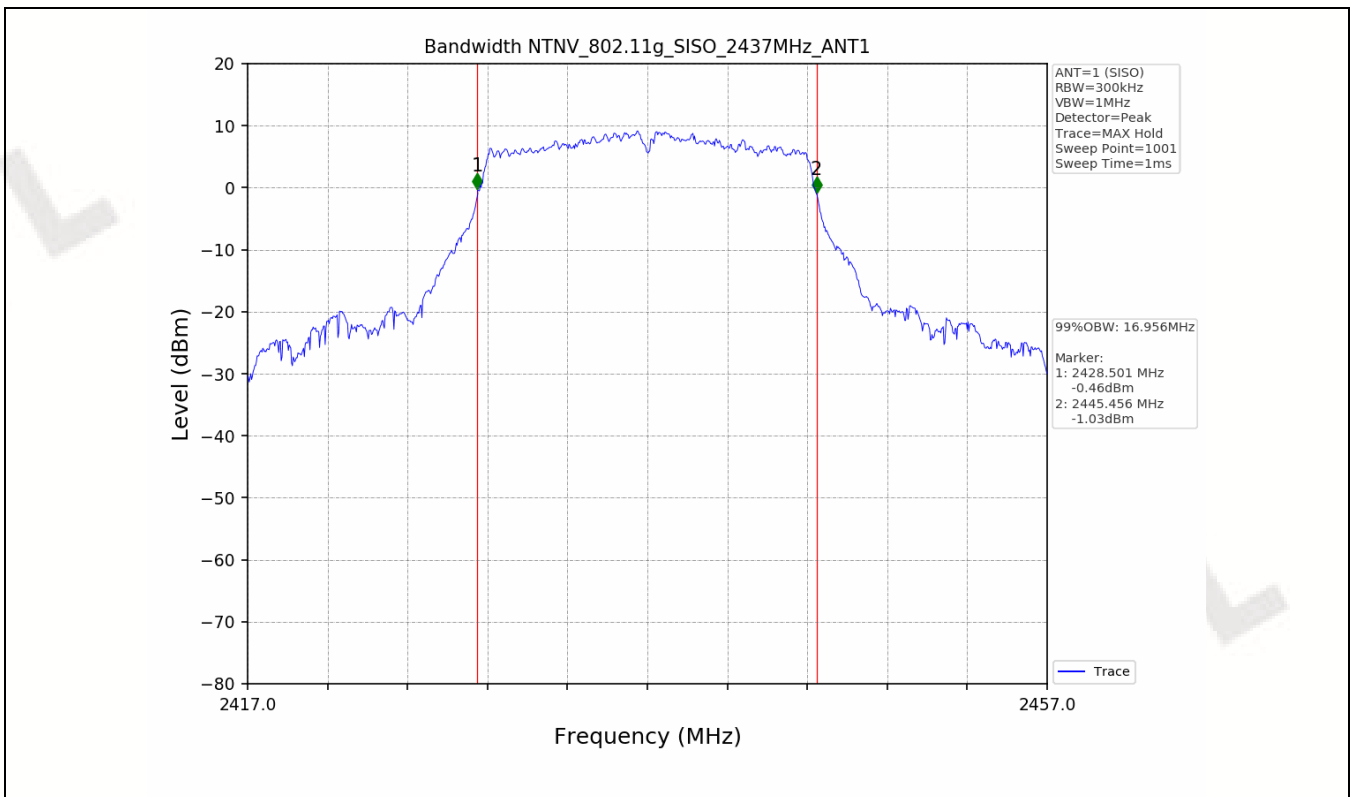
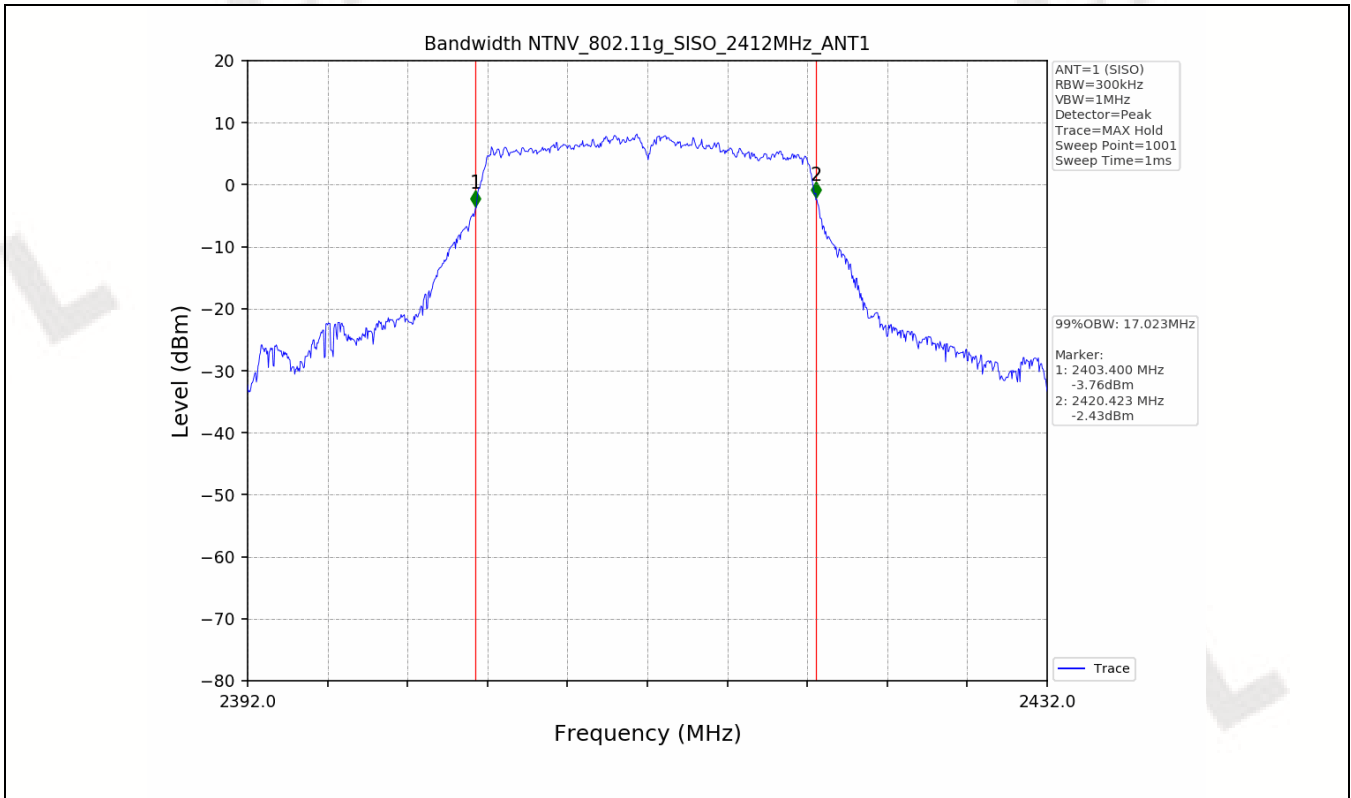


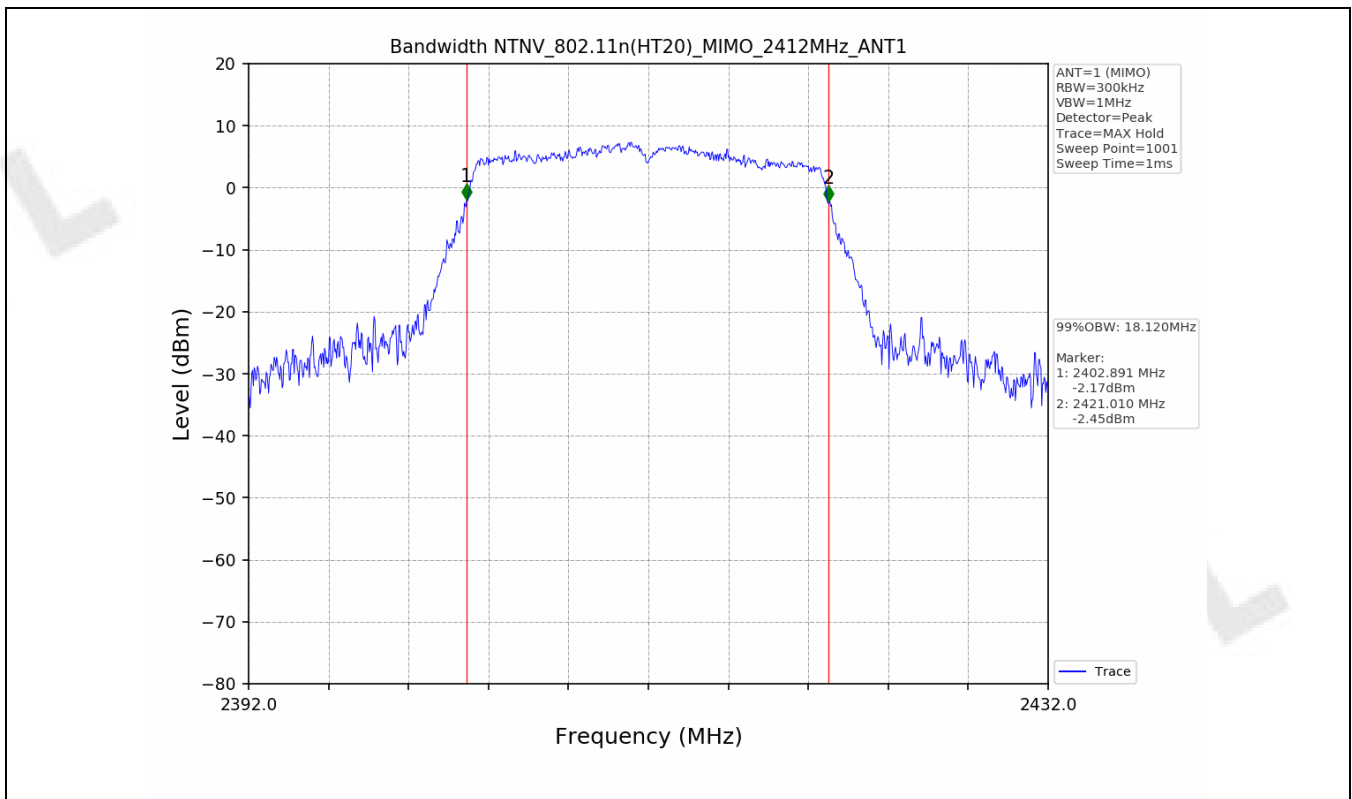
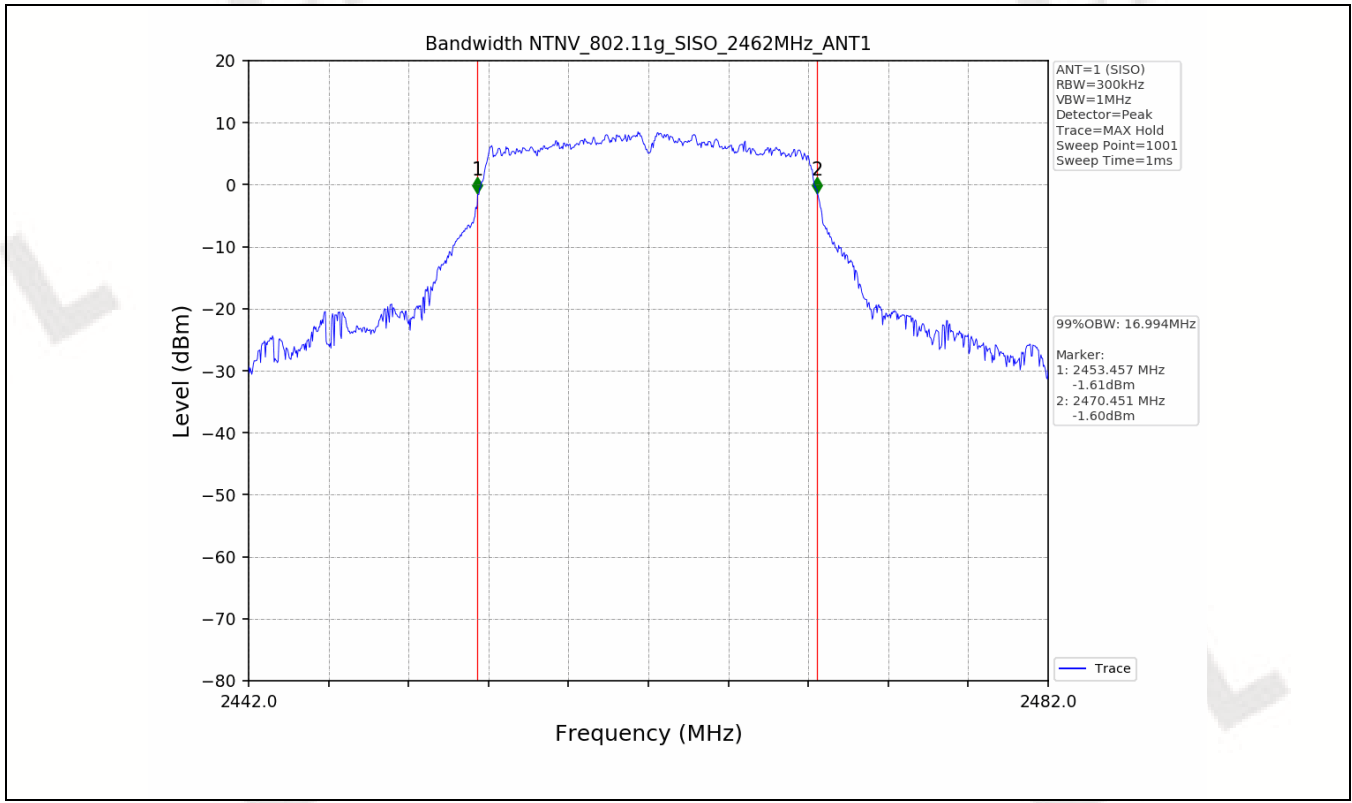


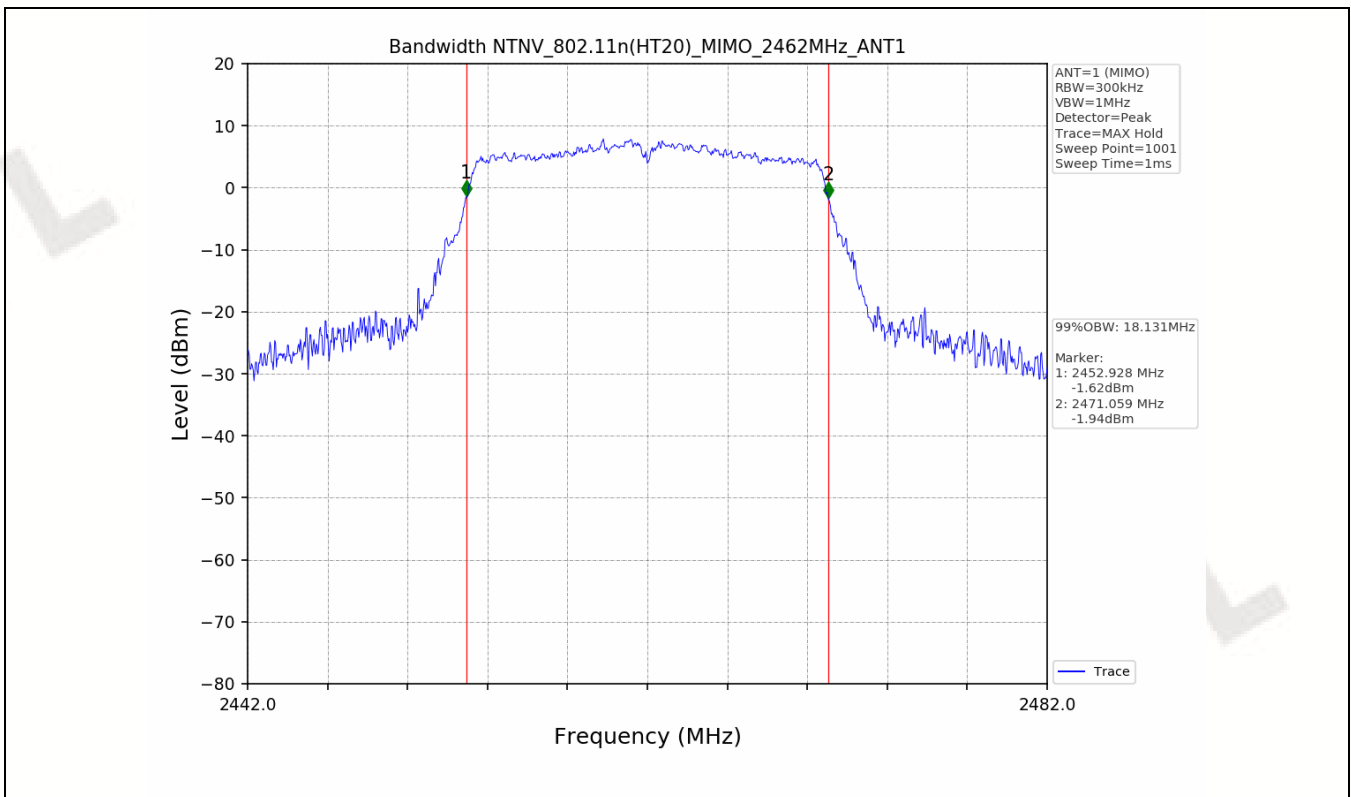
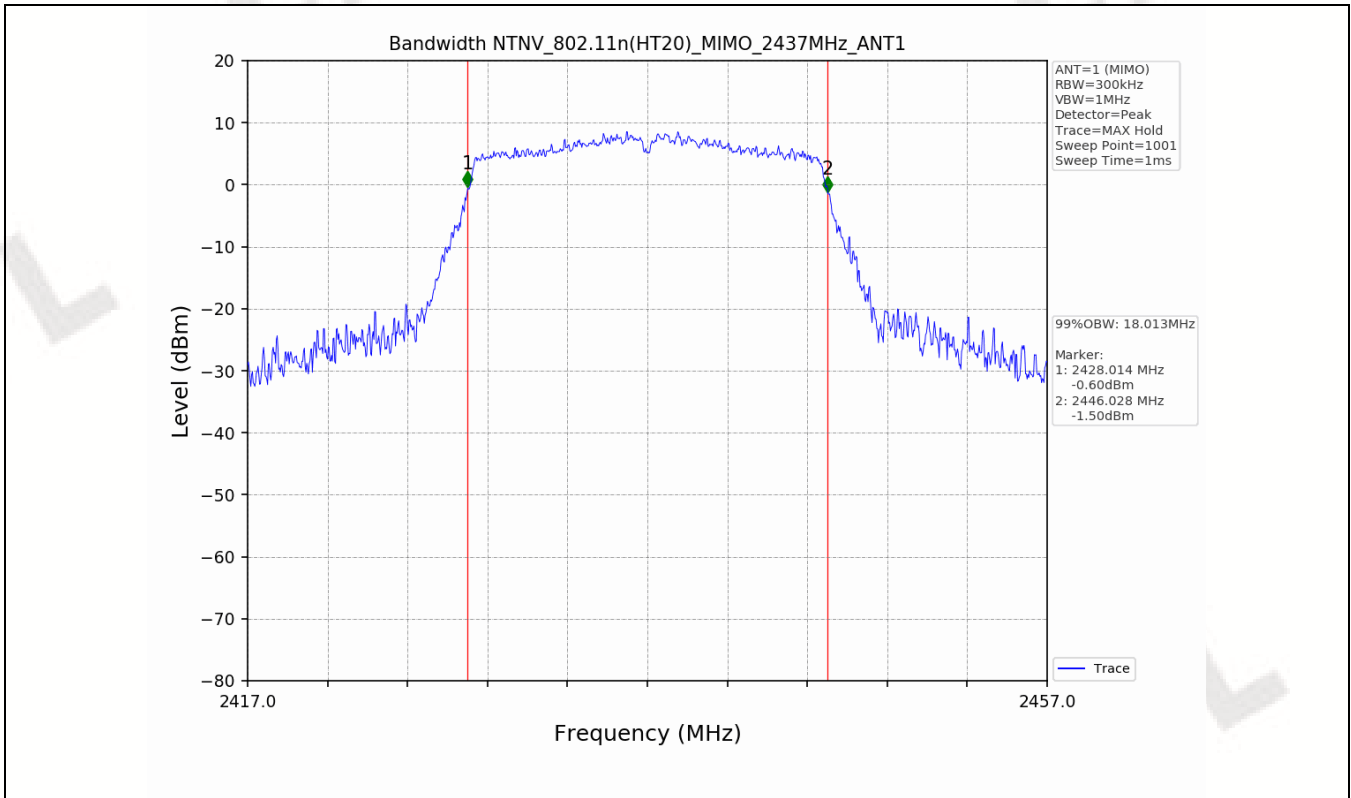
2.3 Test Graph - 99% Occupied Bandwidth









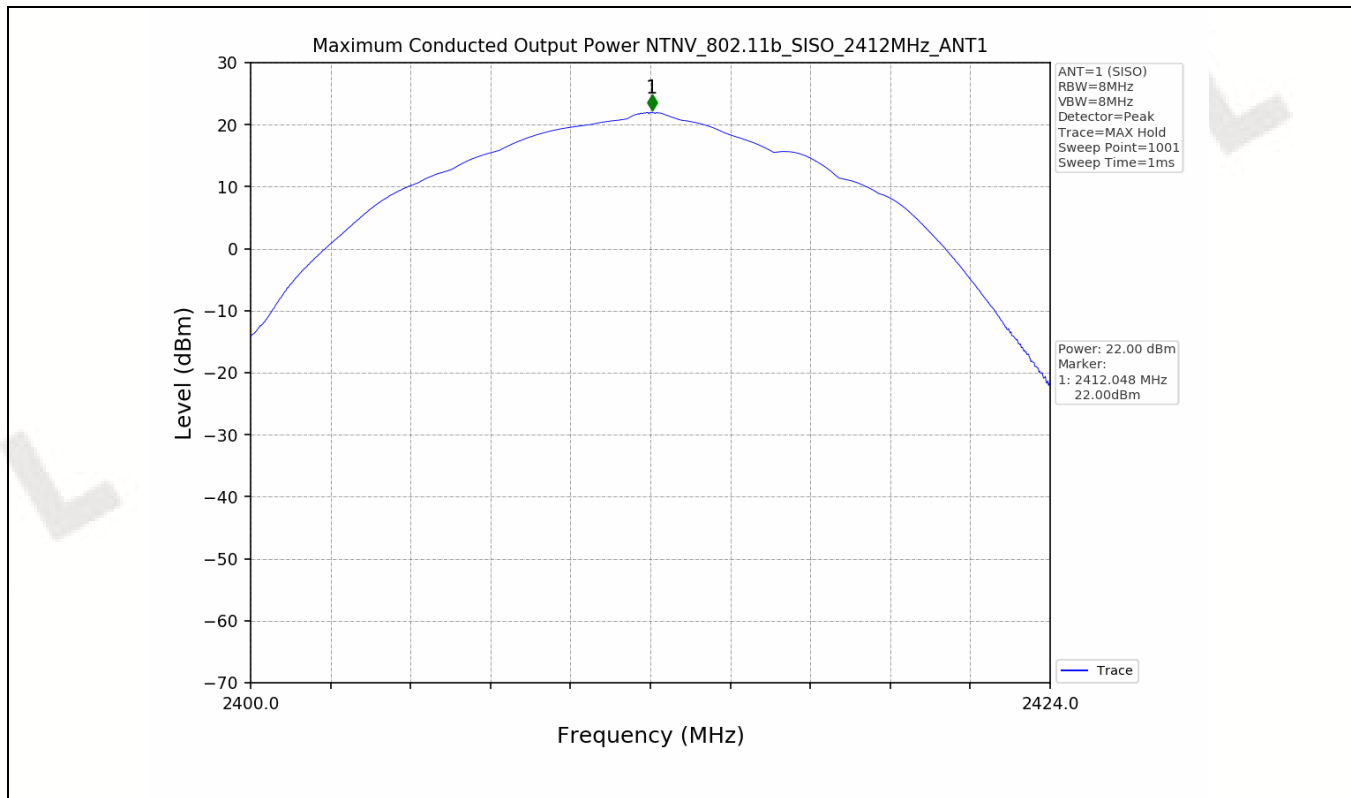


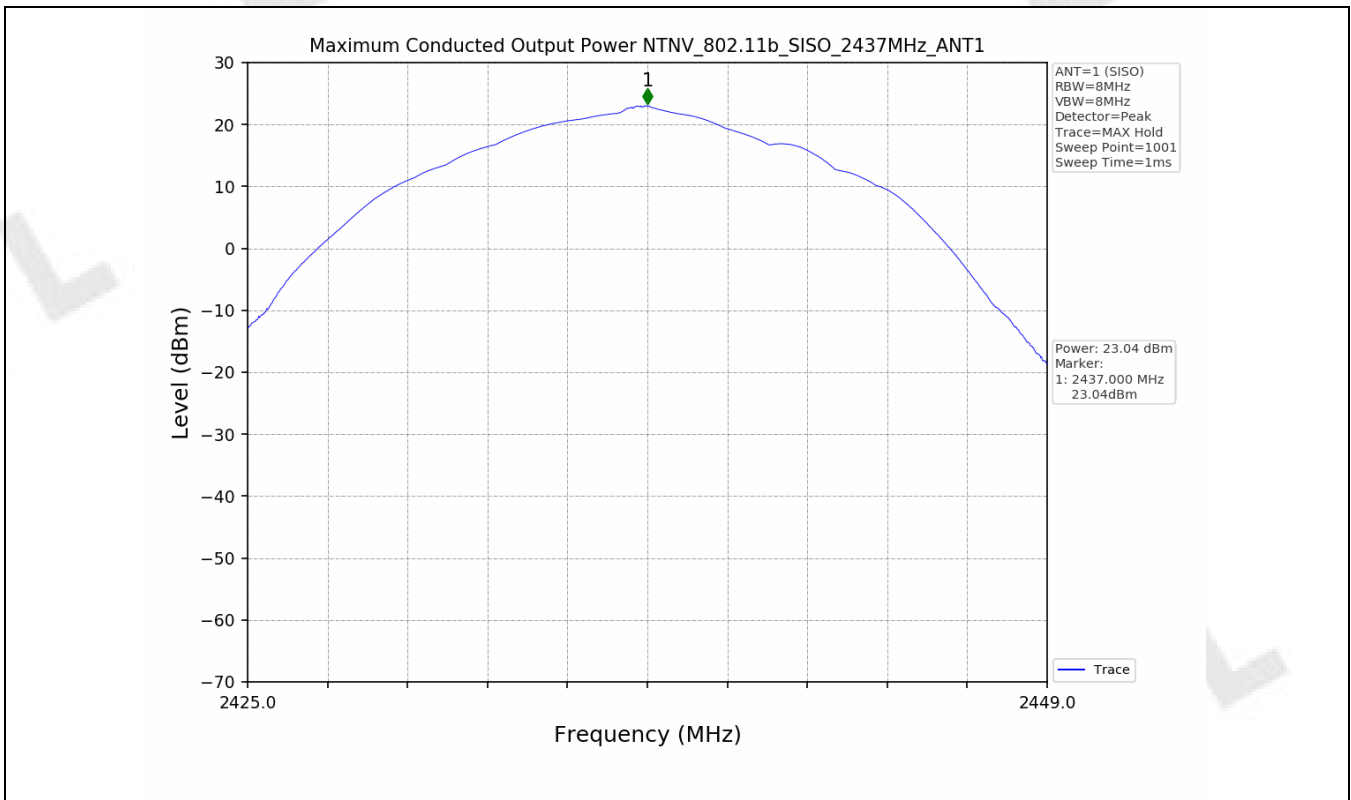
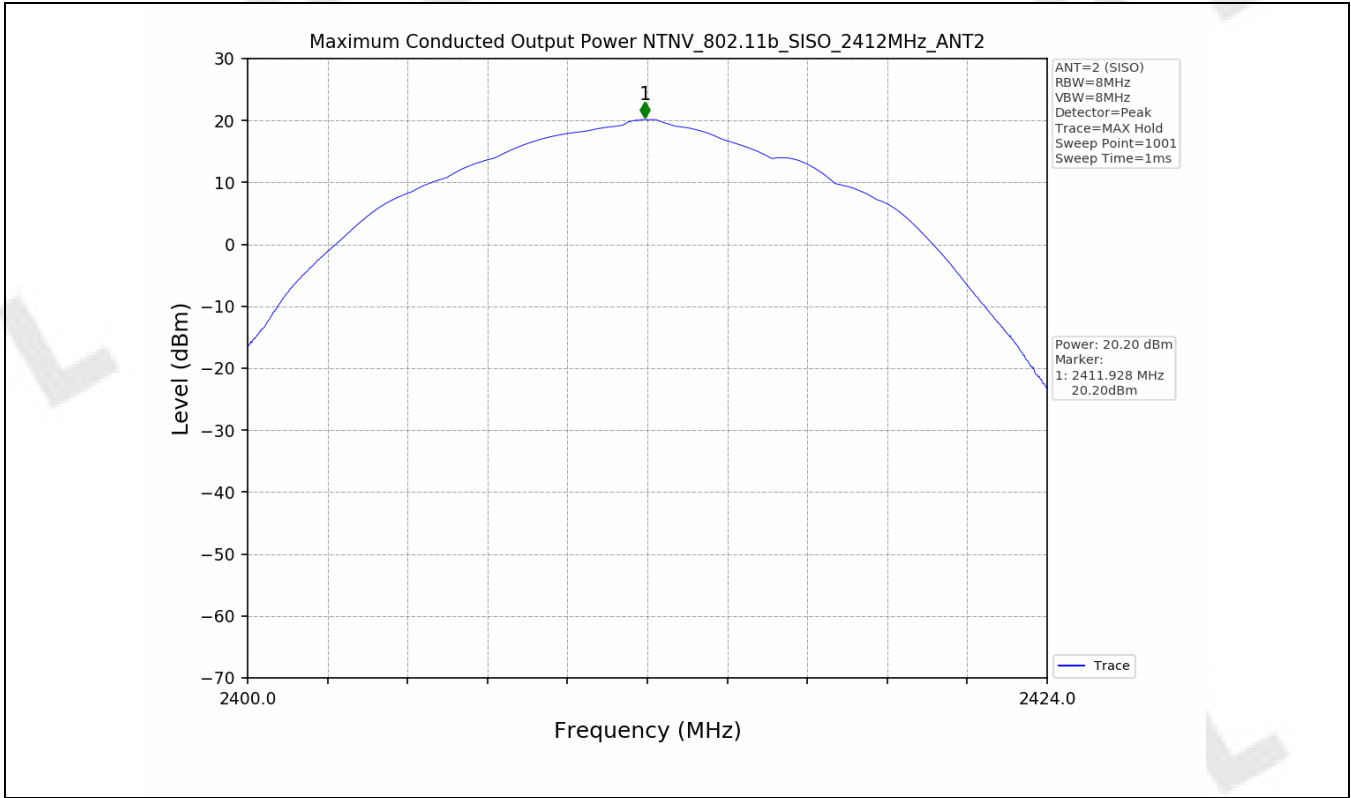
2. Maximum Conducted Output Power

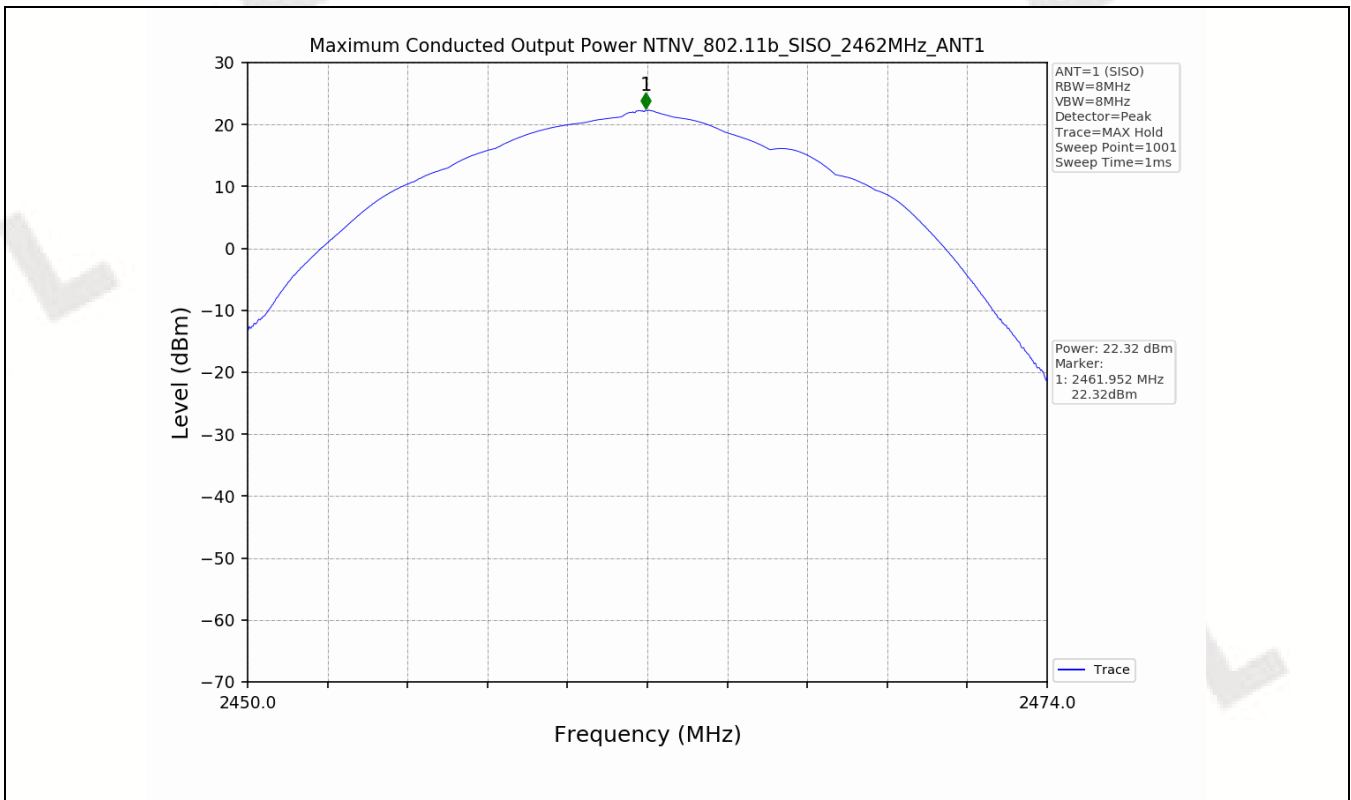
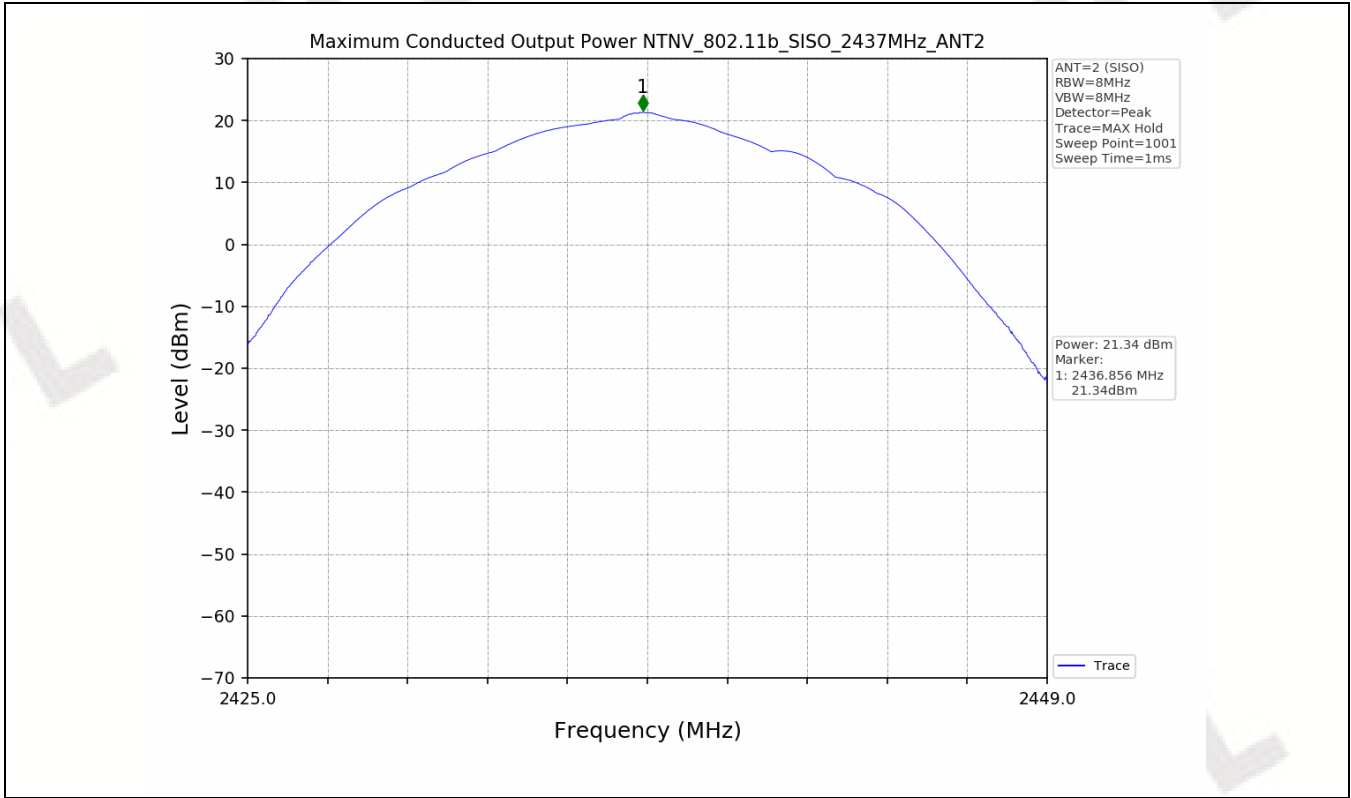
2.1 Test Result

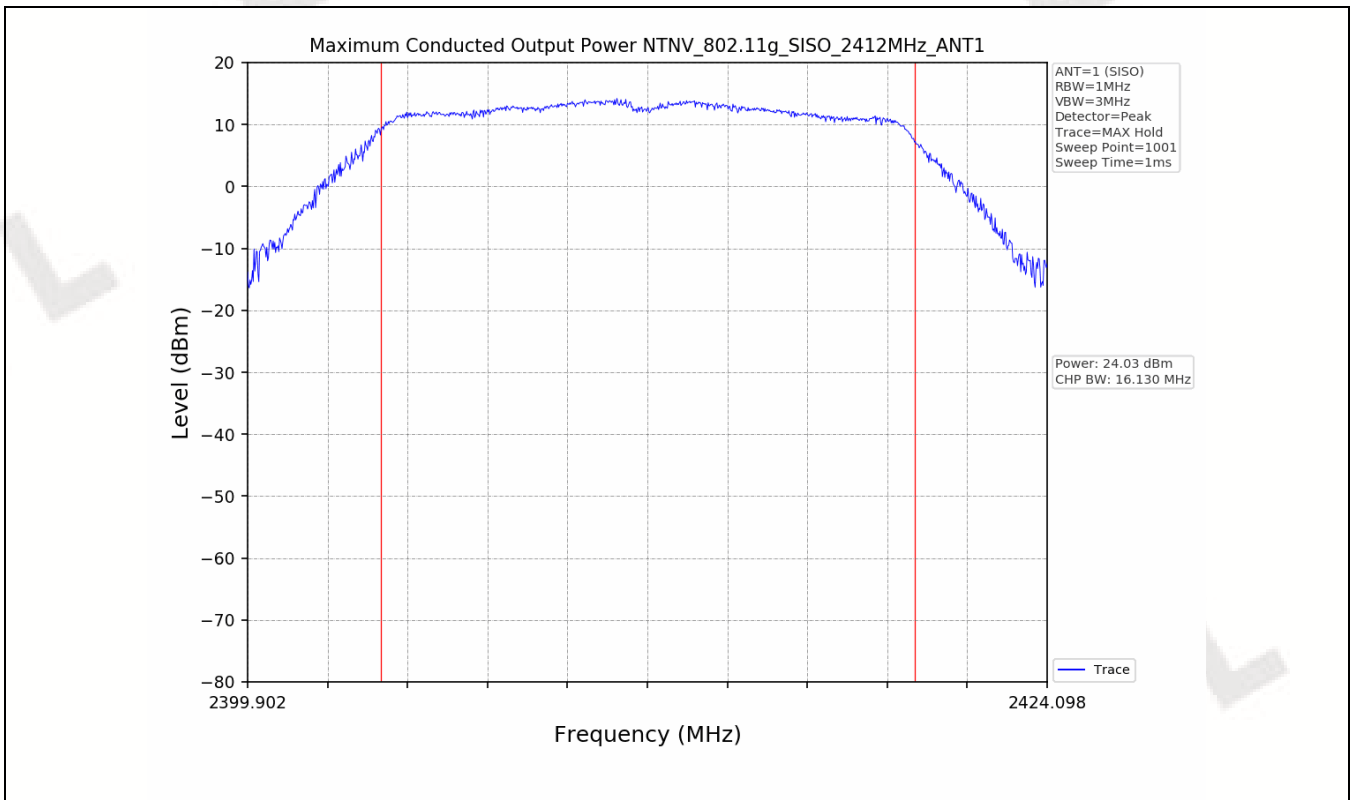
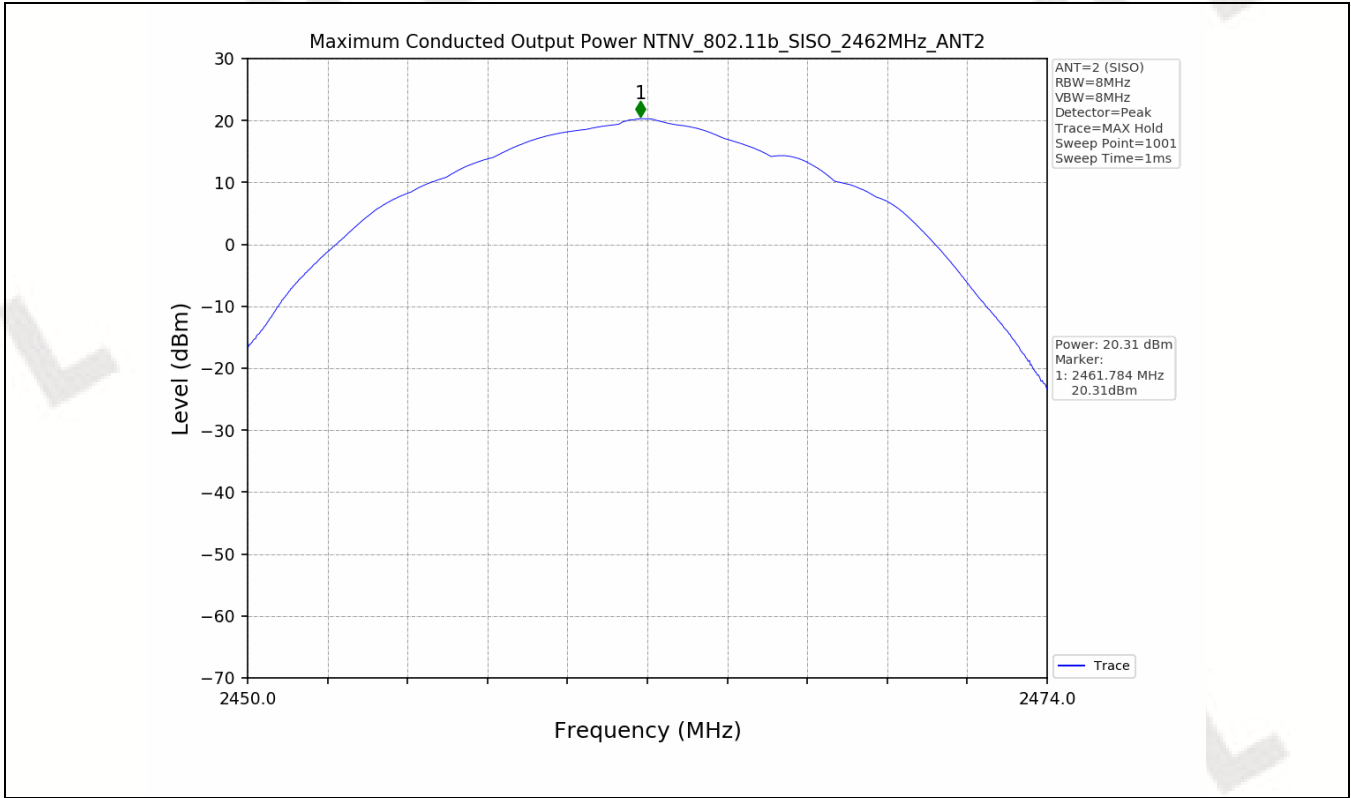
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)			Limits (dBm)	Verdict
			Ant 1	Ant 2	Total		
802.11b	2412	SISO	22.00	20.20	/	30	PASS
	2437	SISO	23.04	21.34	/	30	PASS
	2462	SISO	22.32	20.31	/	30	PASS
802.11g	2412	SISO	24.03	22.65	/	30	PASS
	2437	SISO	24.87	23.56	/	30	PASS
	2462	SISO	24.27	22.92	/	30	PASS
802.11n(HT20)	2412	MIMO	21.84	22.75	25.33	30	PASS
	2437	MIMO	23.29	23.34	26.33	30	PASS
	2462	MIMO	22.49	22.76	25.64	30	PASS

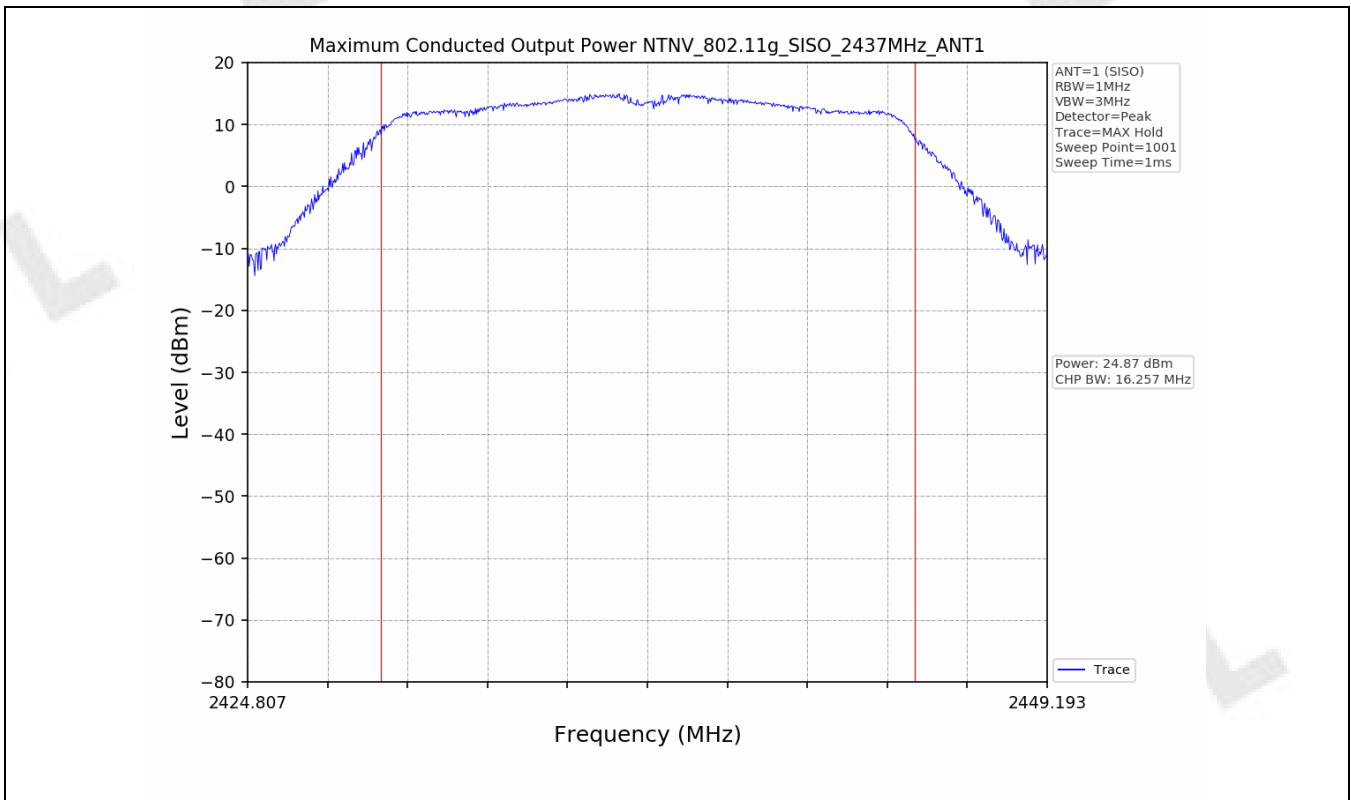
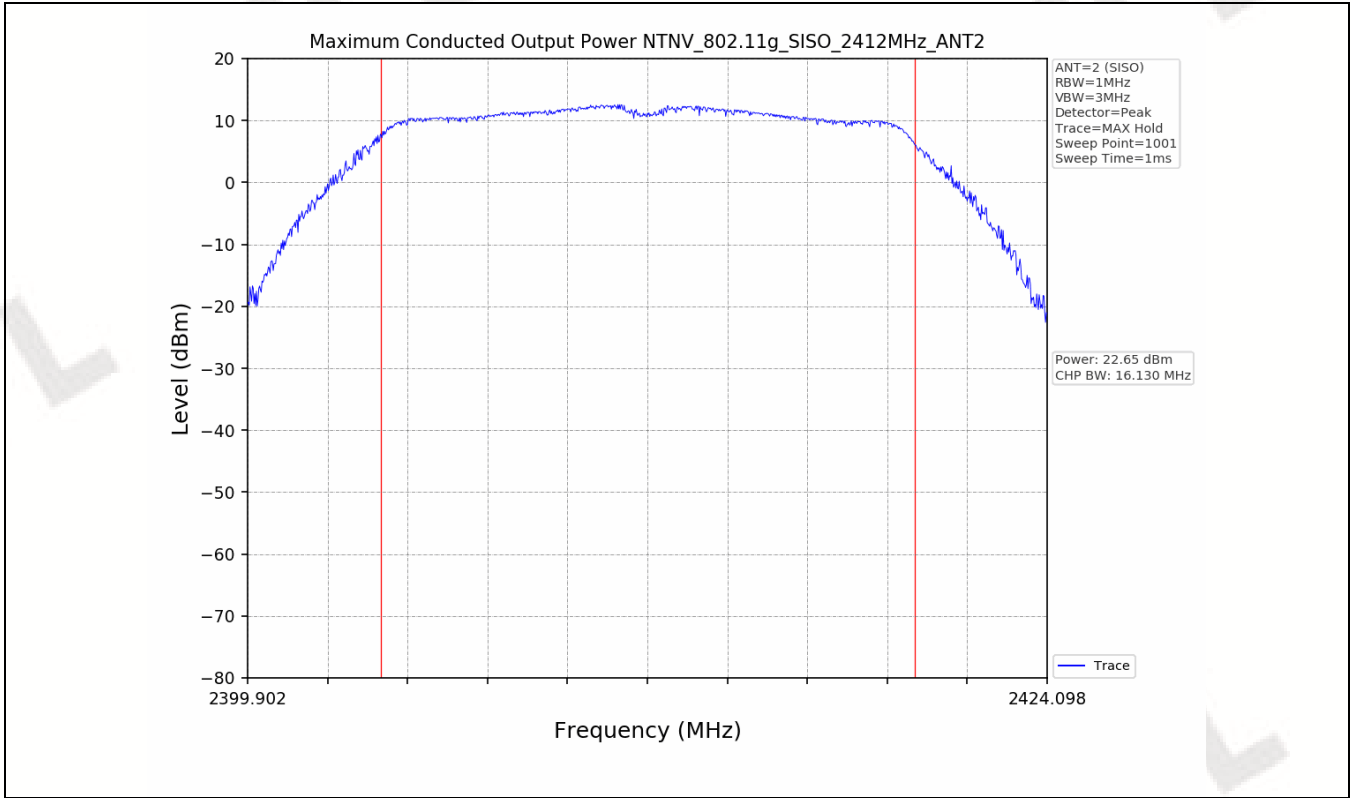
2.2 Test Graph

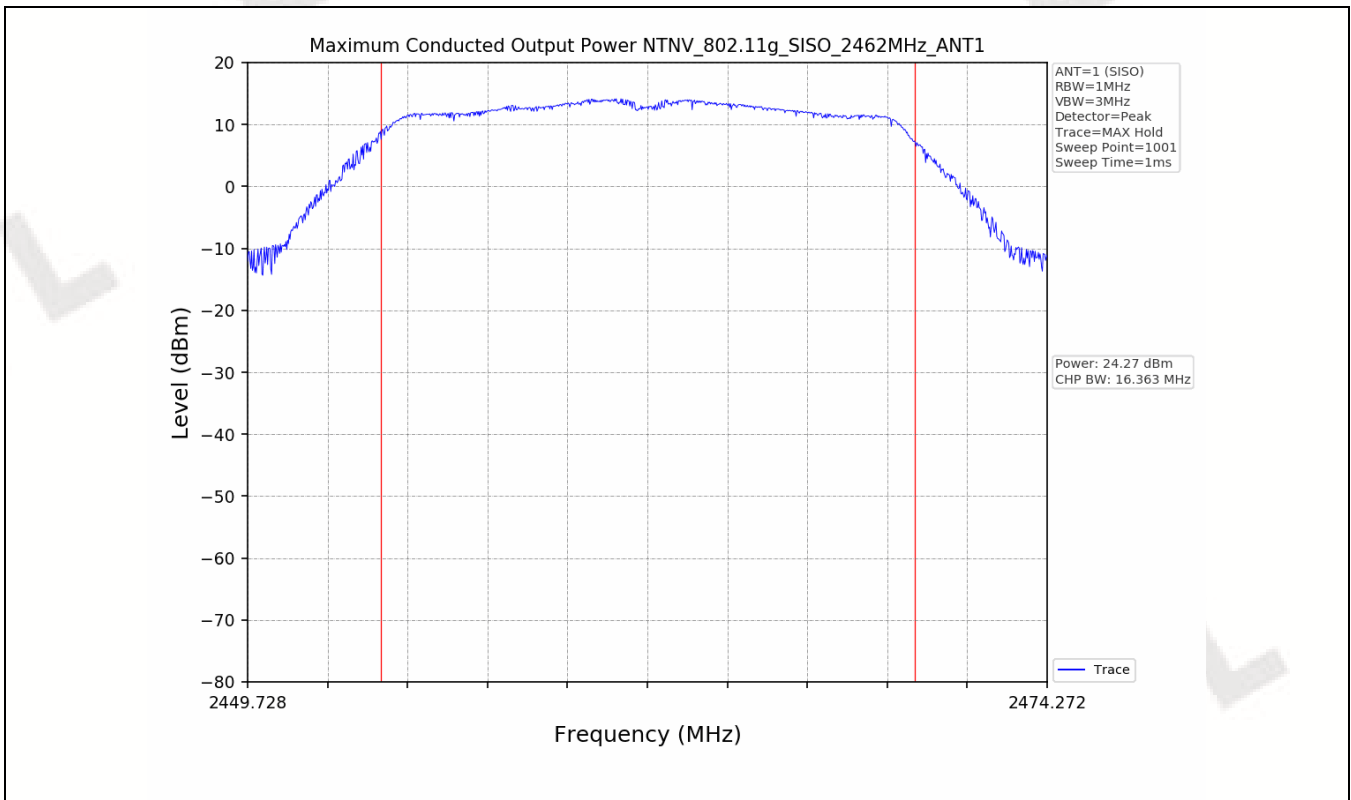
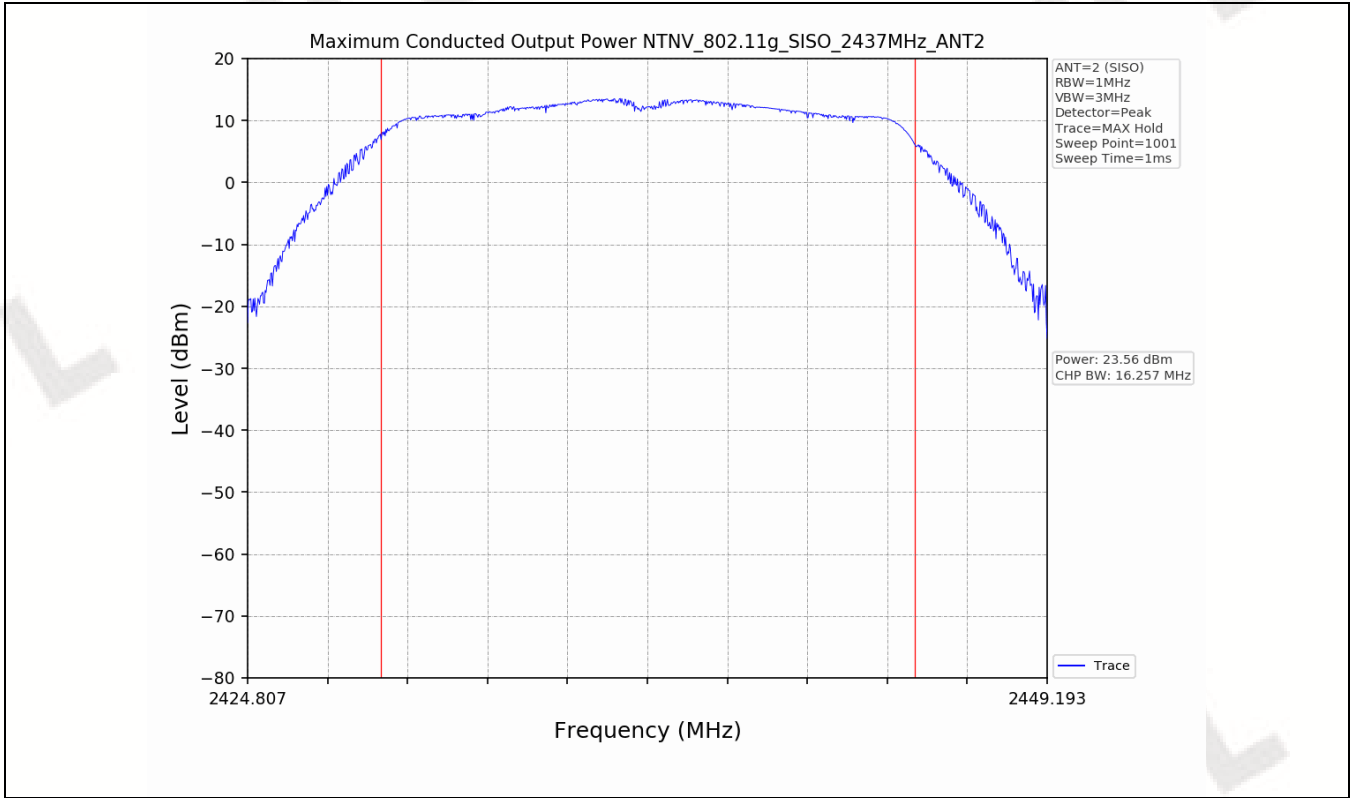


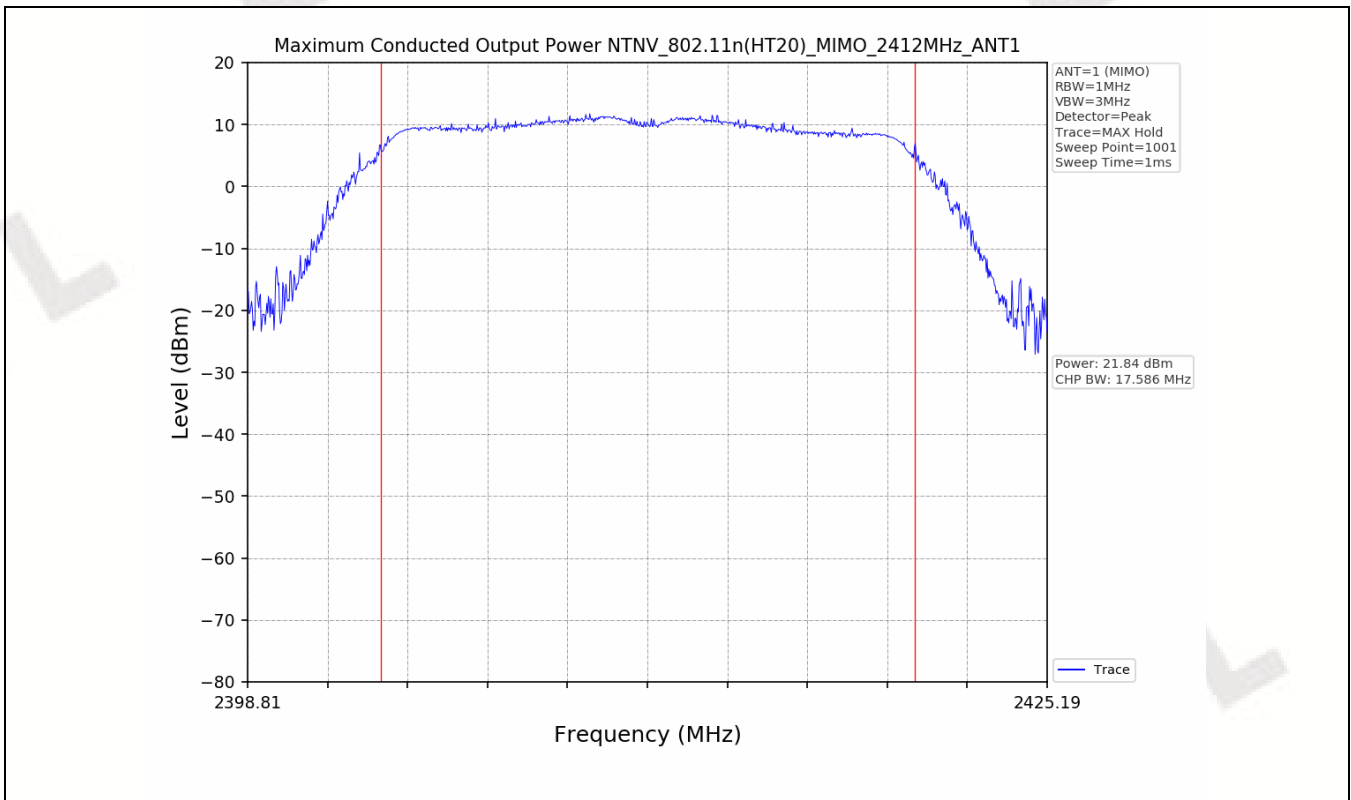
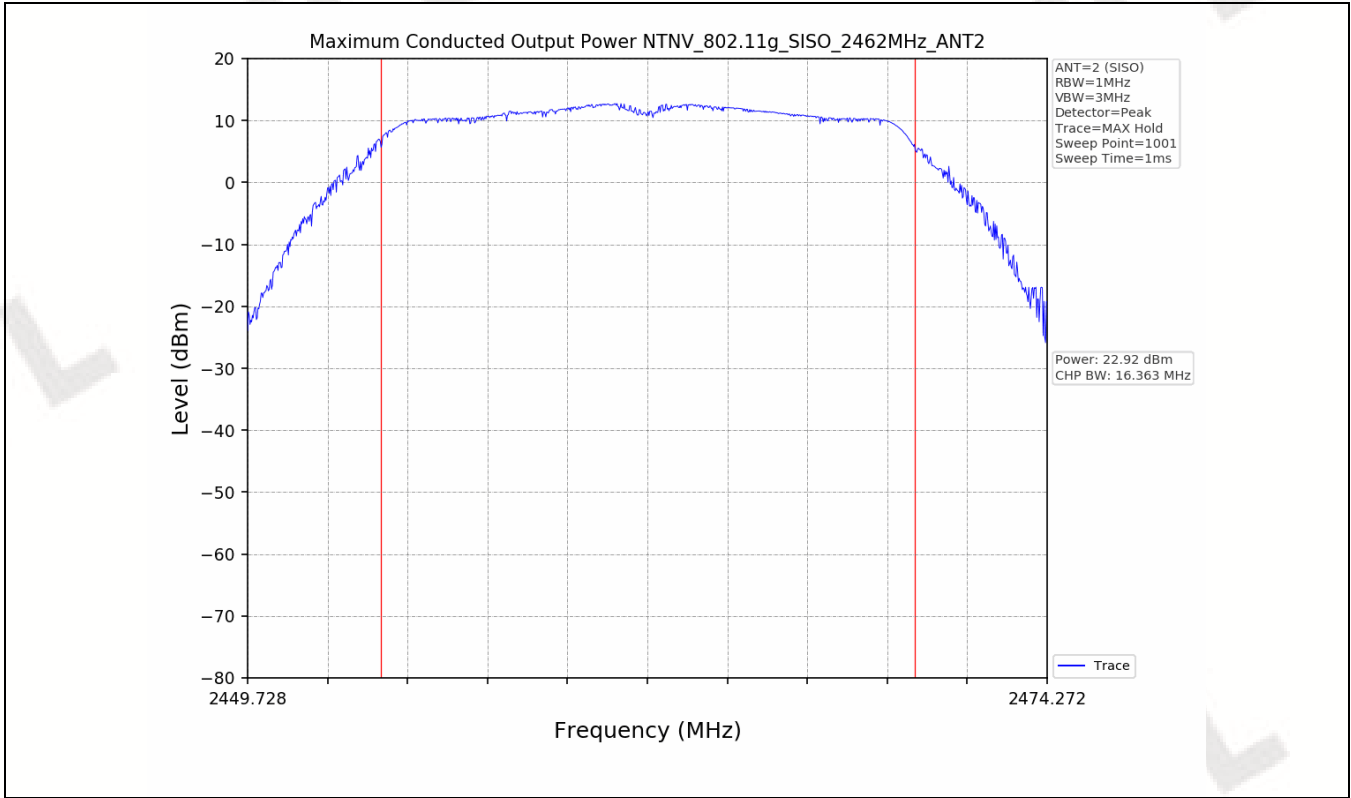


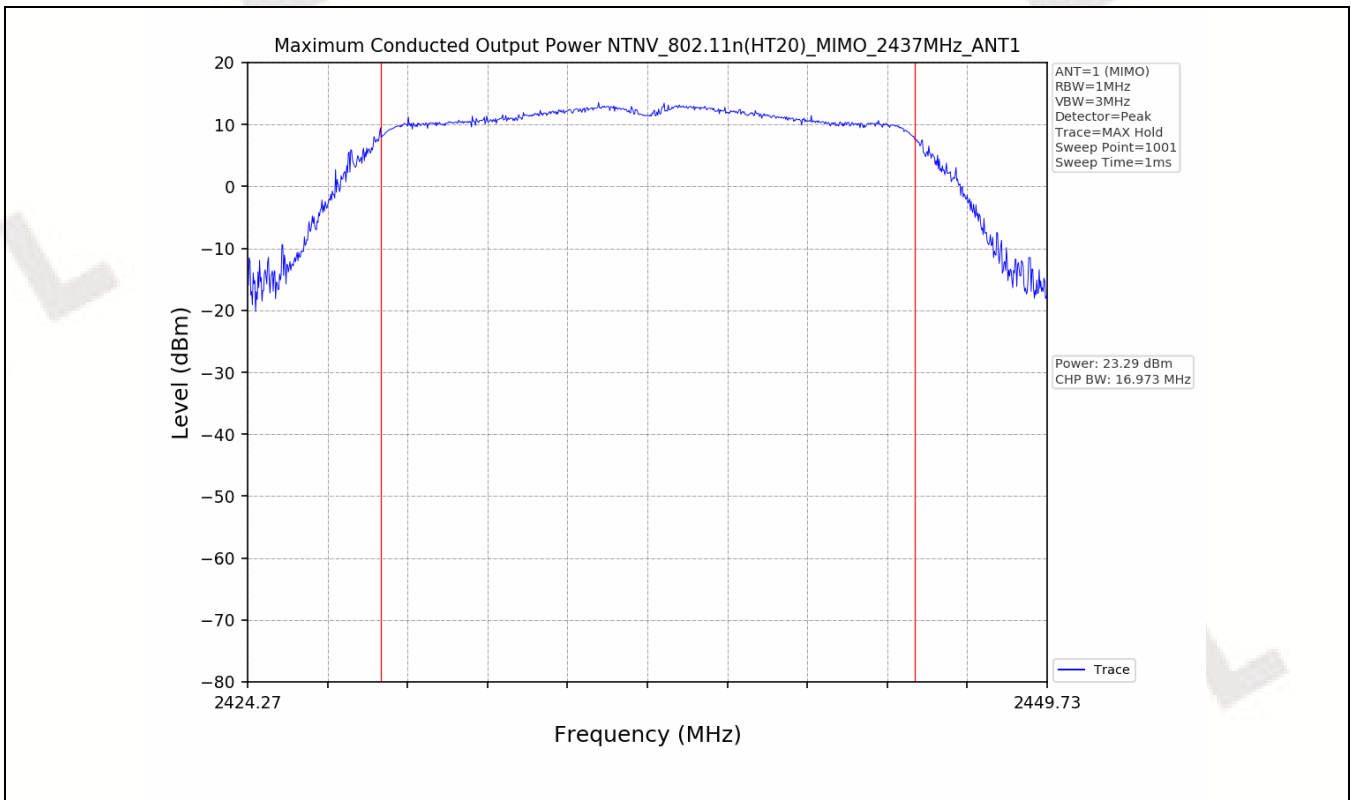
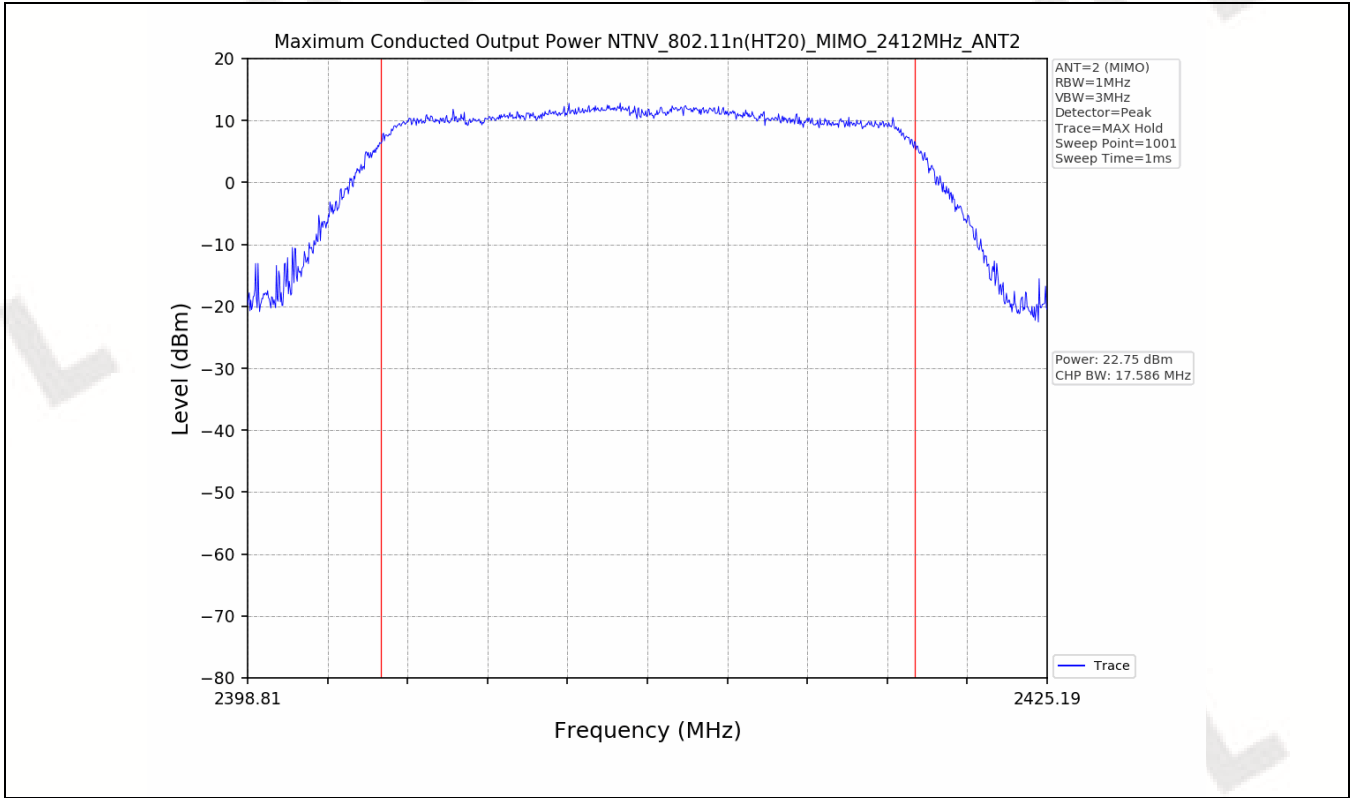


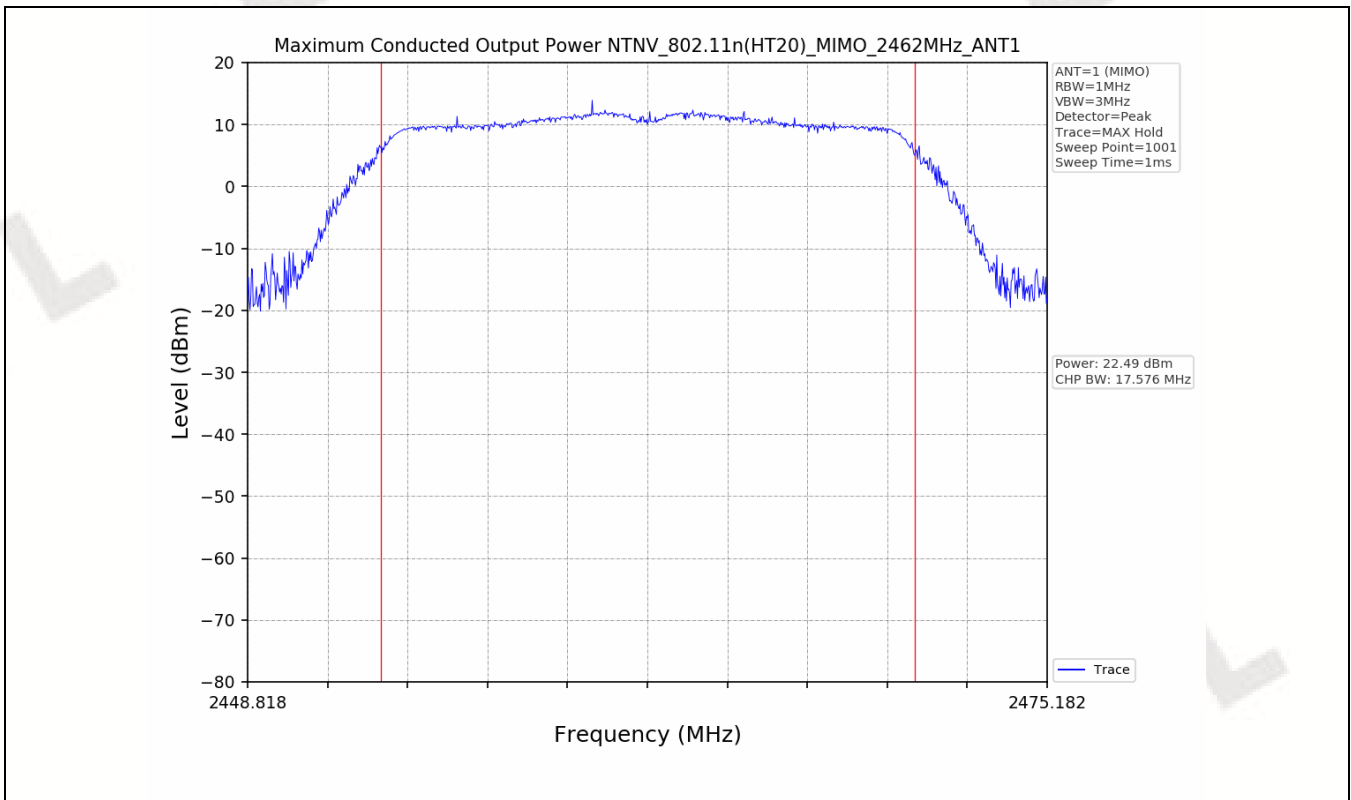
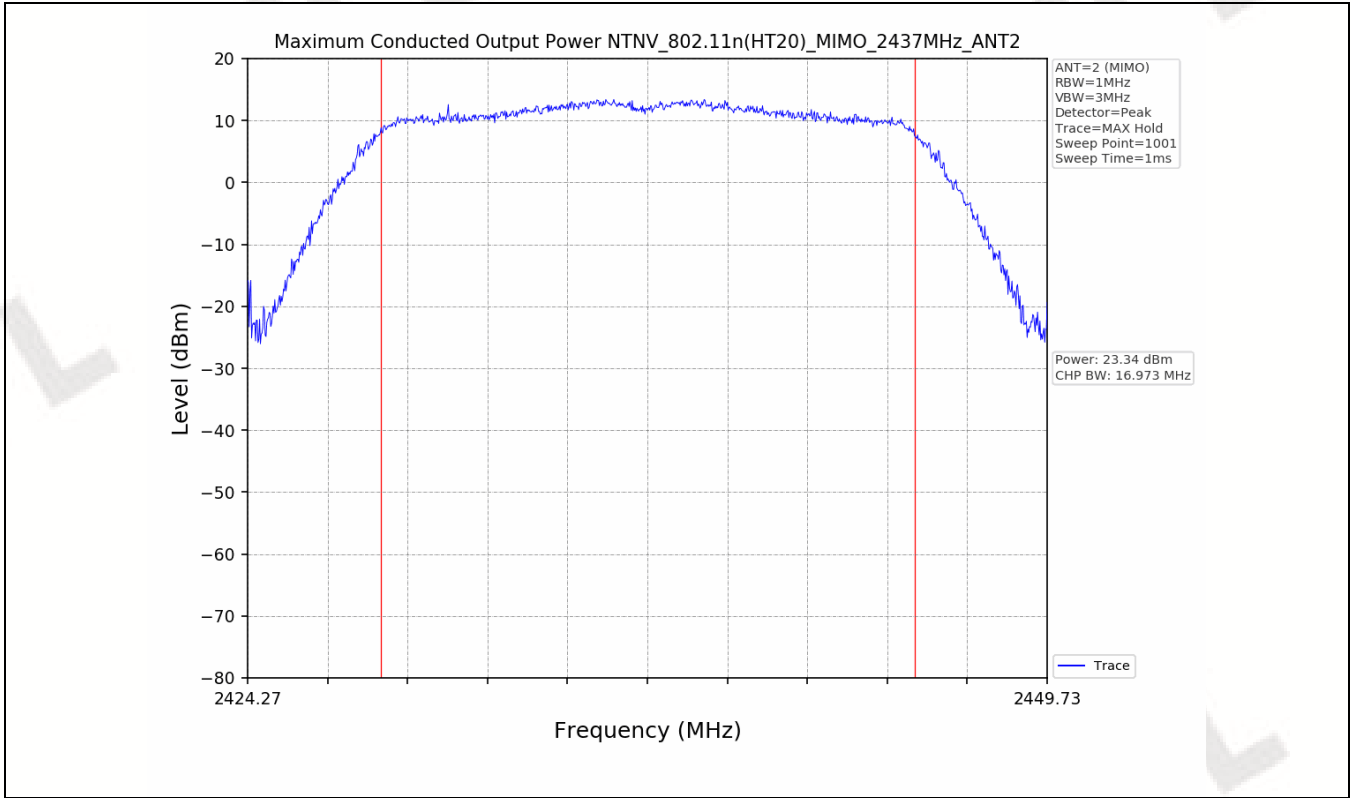


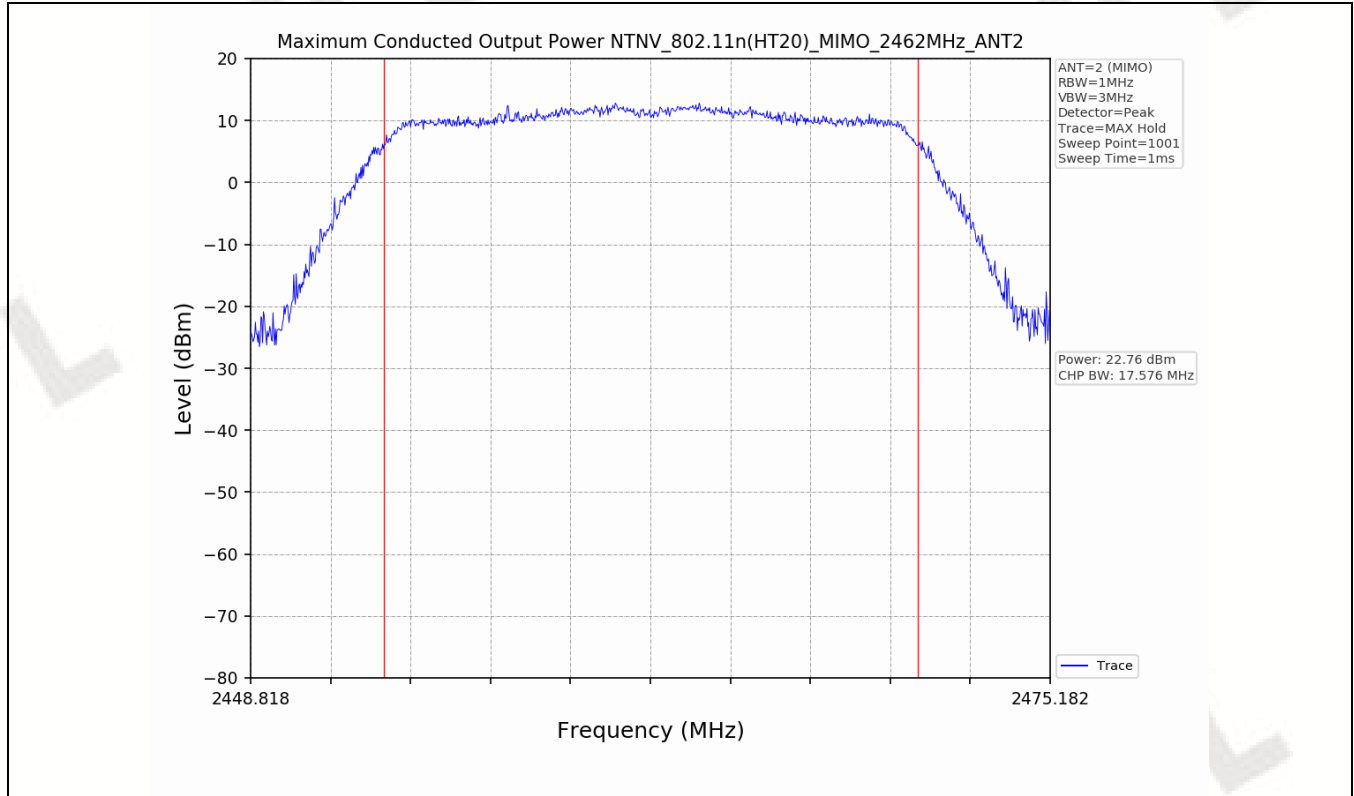










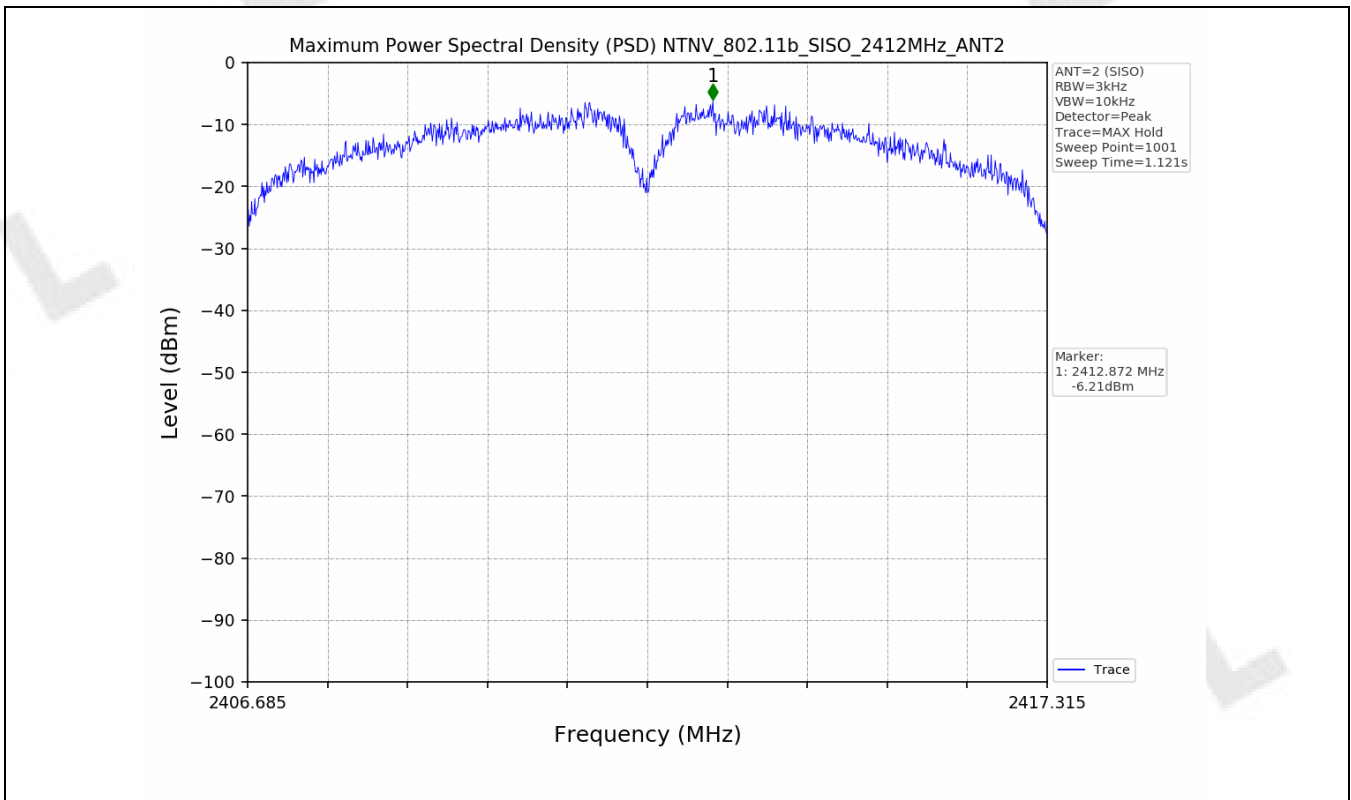
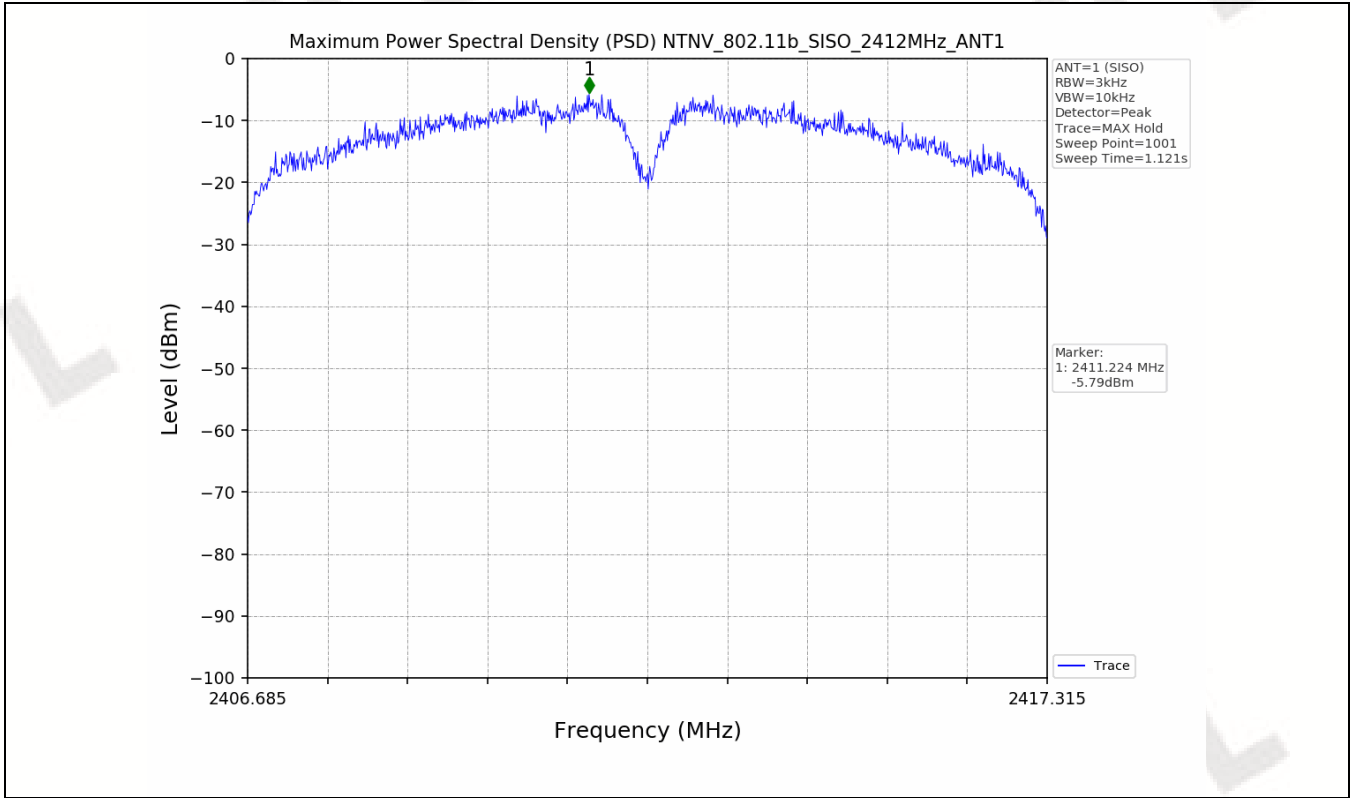


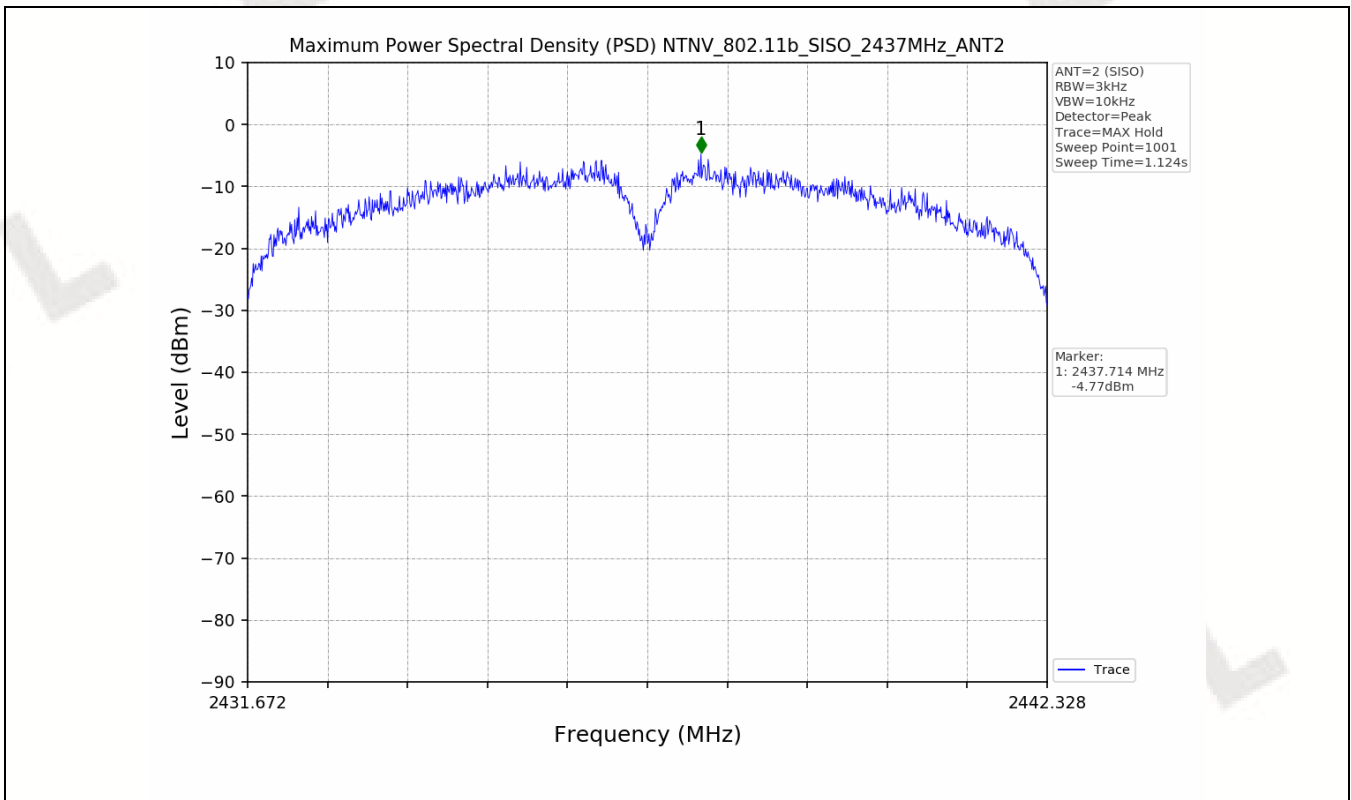
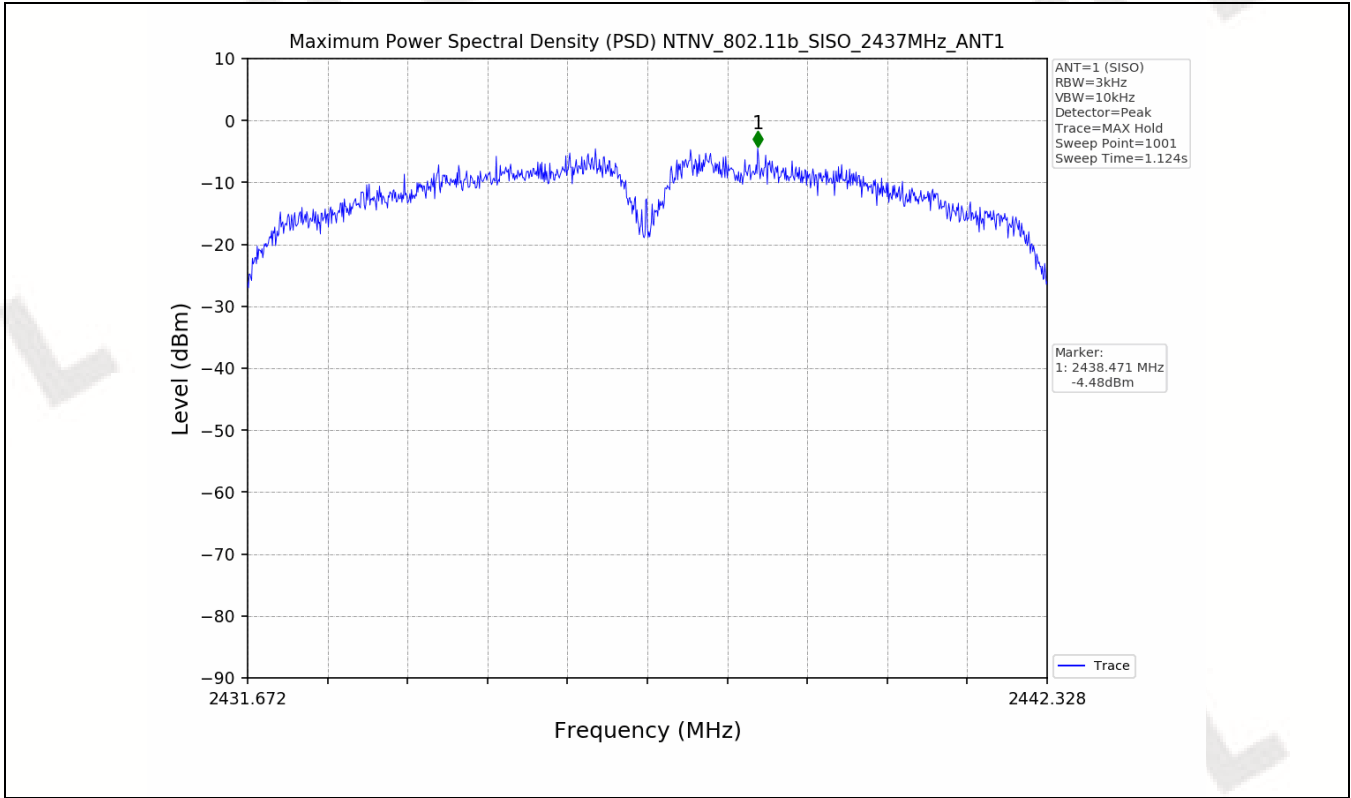
3. Maximum Power Spectral Density (PSD)

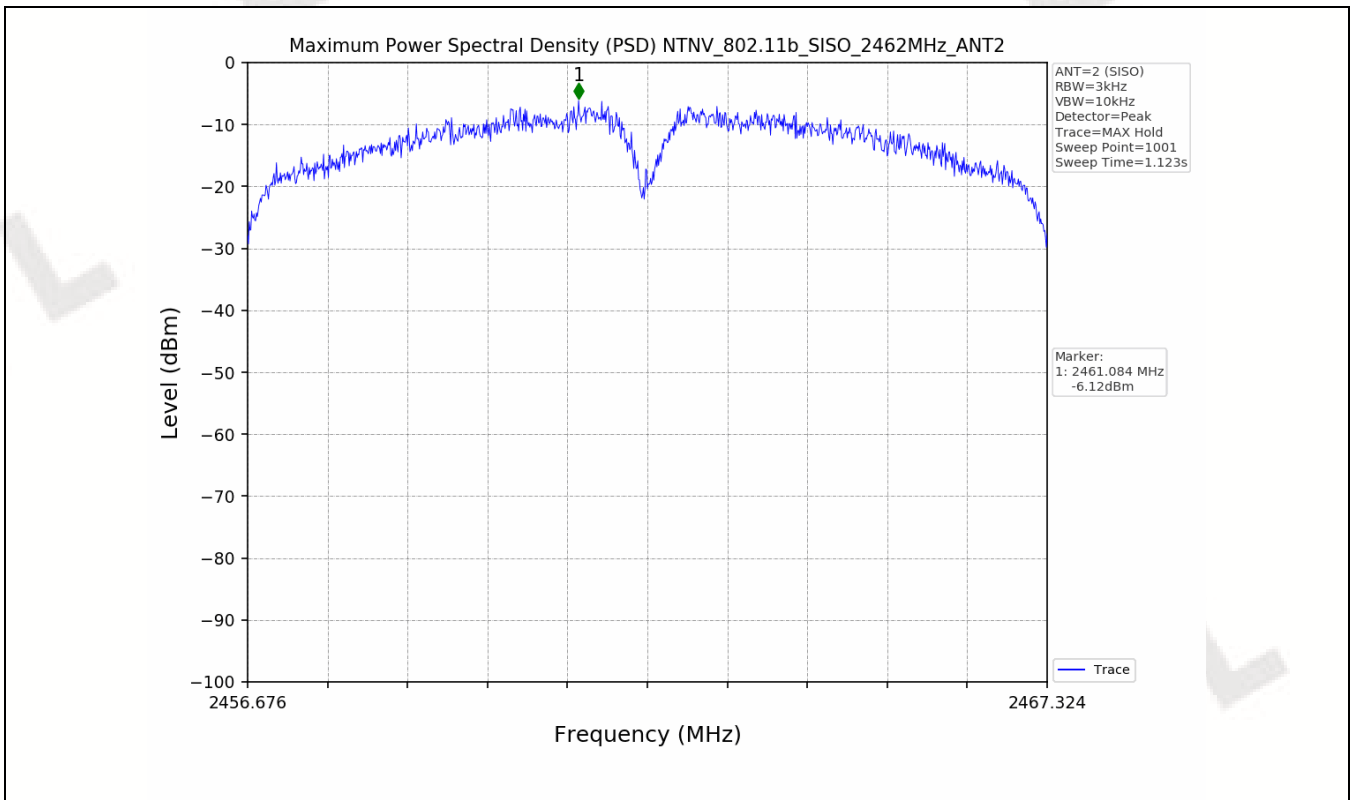
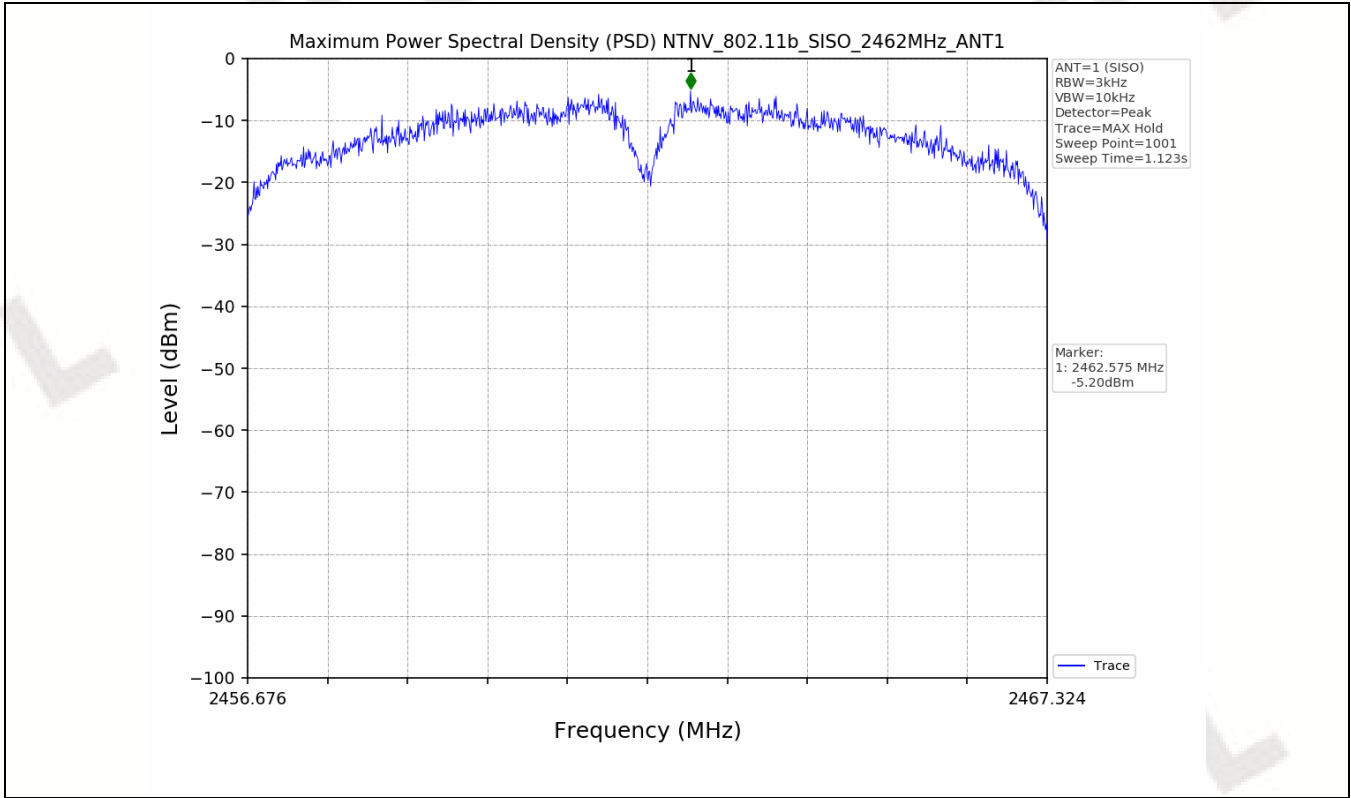
3.1 Test Result

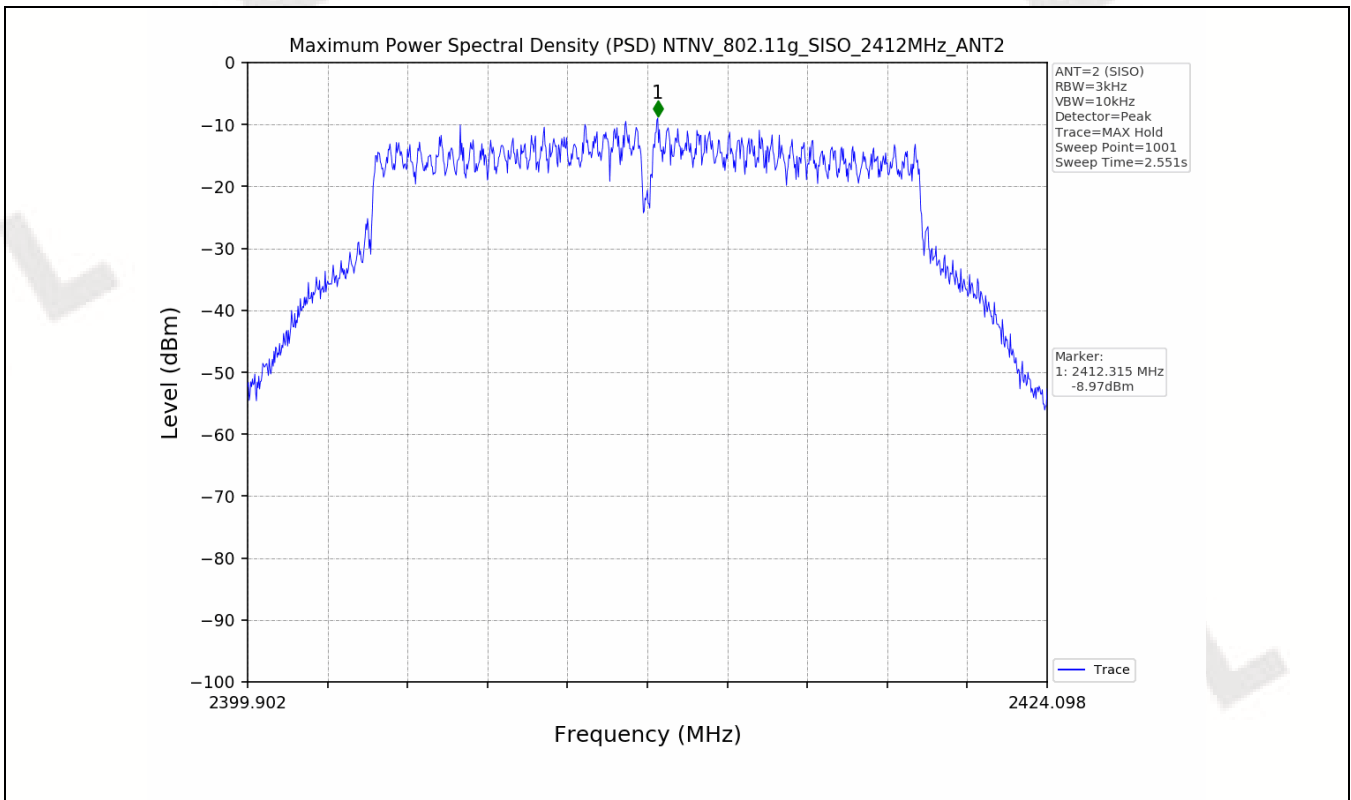
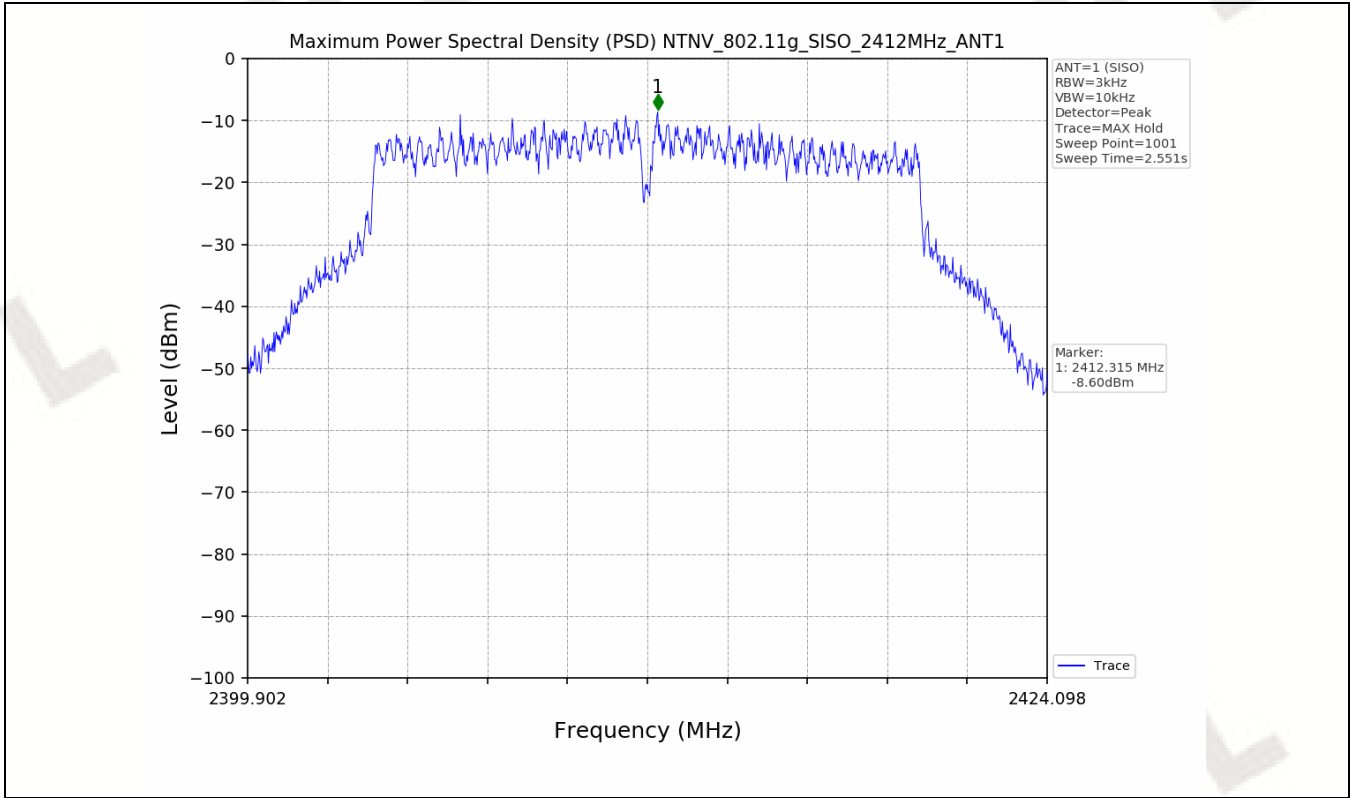
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)			Limits (dBm/3kHz)	Verdict
			Ant 1	Ant 2	Total		
802.11b	2412	SISO	-5.79	-6.21	/	≤8	PASS
	2437	SISO	-4.48	-4.77	/	≤8	PASS
	2462	SISO	-5.20	-6.12	/	≤8	PASS
802.11g	2412	SISO	-8.60	-8.97	/	≤8	PASS
	2437	SISO	-7.91	-8.60	/	≤8	PASS
	2462	SISO	-8.27	-9.32	/	≤8	PASS
802.11n(HT20)	2412	MIMO	-10.51	-8.98	-7.29	≤8	PASS
	2437	MIMO	-8.28	-9.16	-6.16	≤8	PASS
	2462	MIMO	-9.49	-8.63	-6.76	≤8	PASS

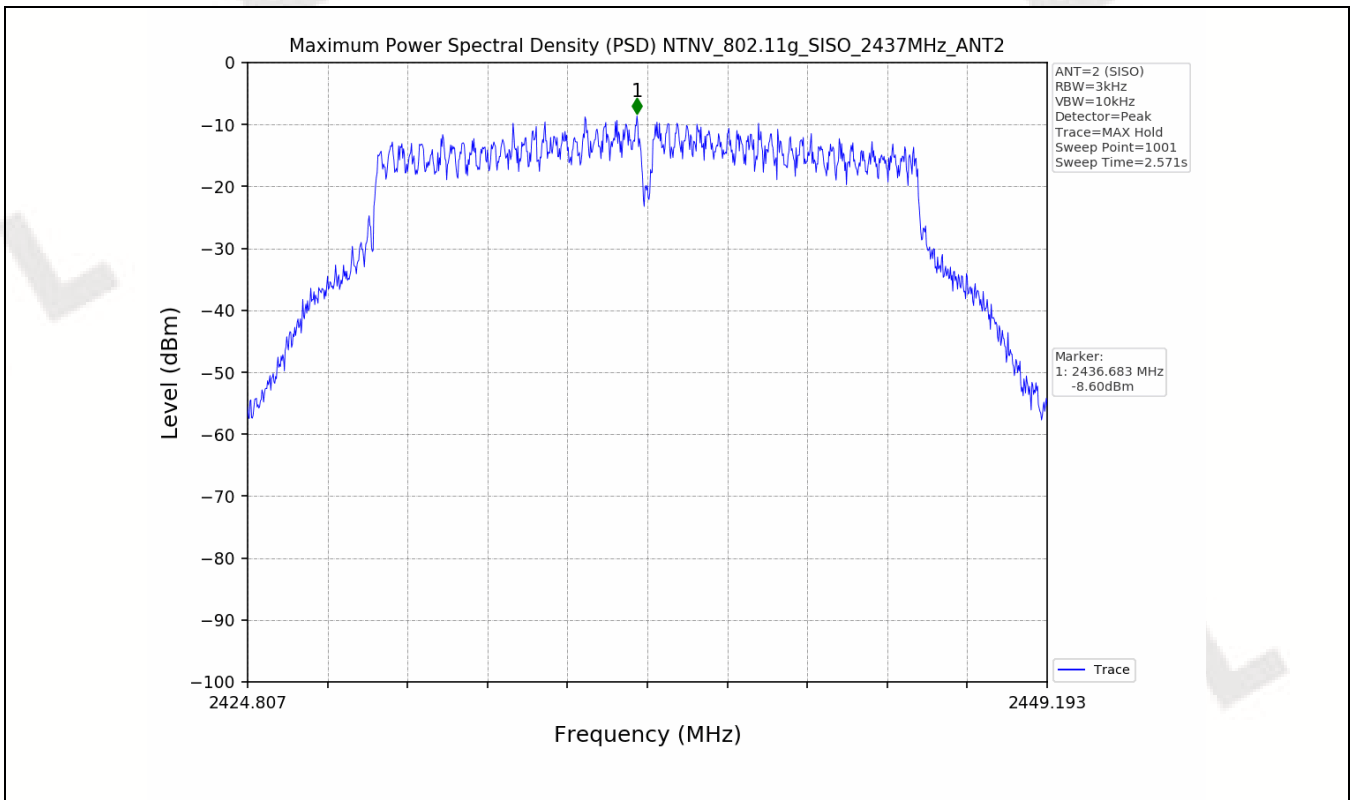
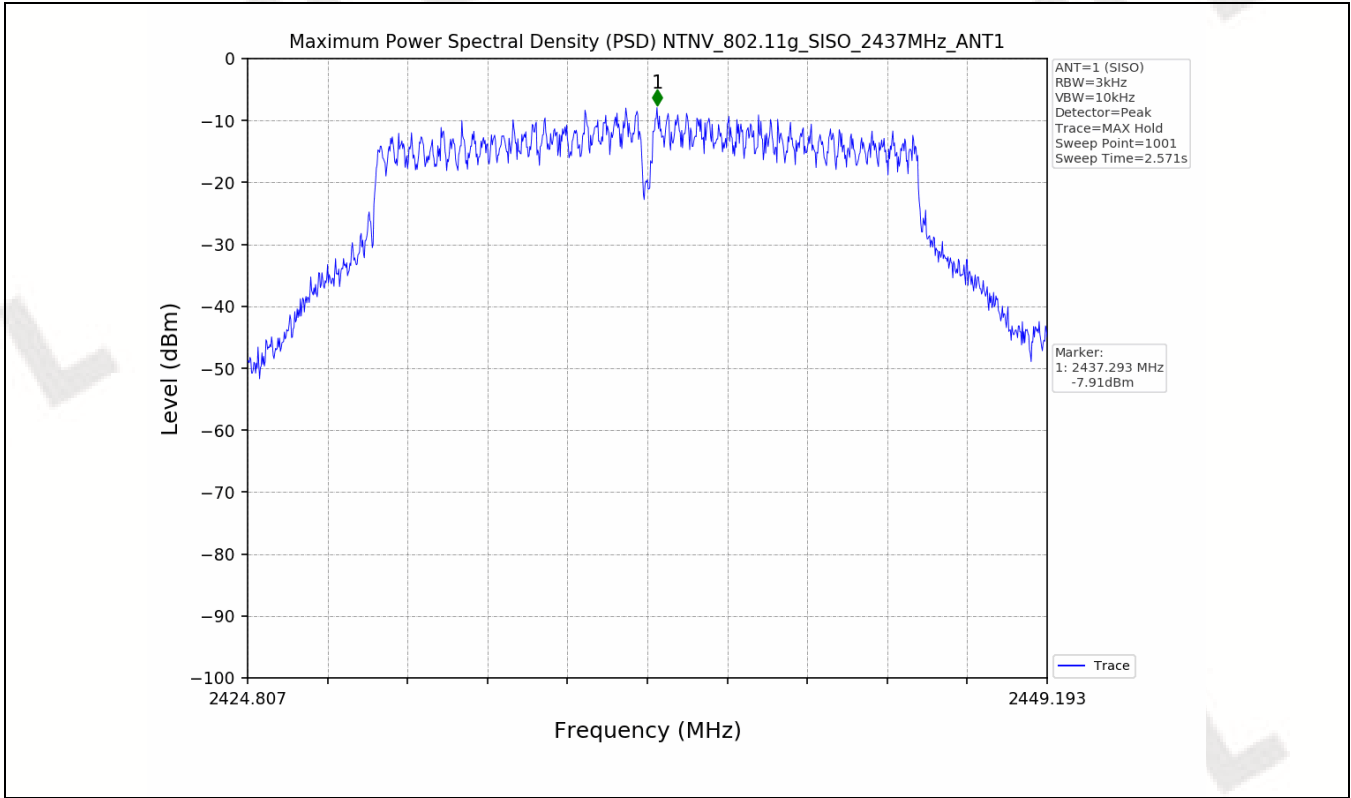
3.2 Test Graph

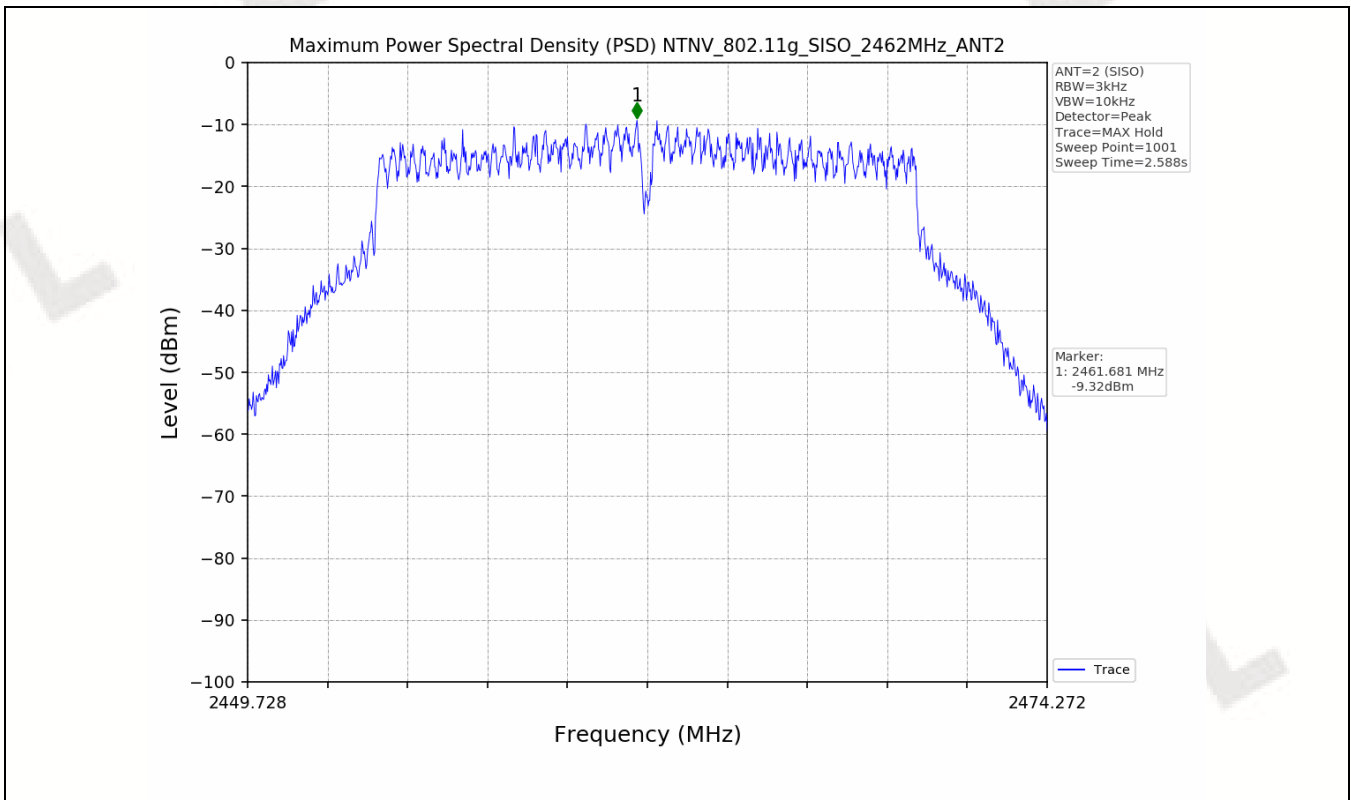
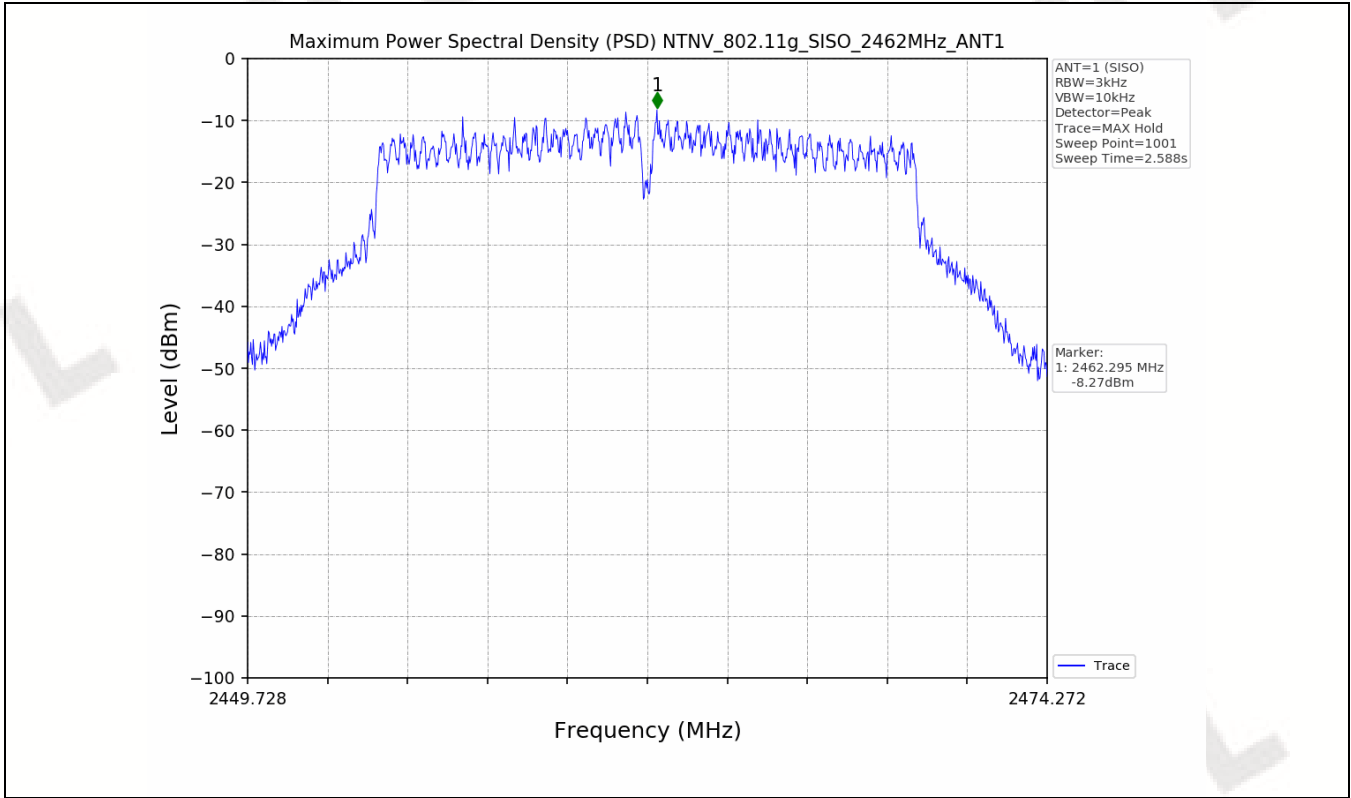


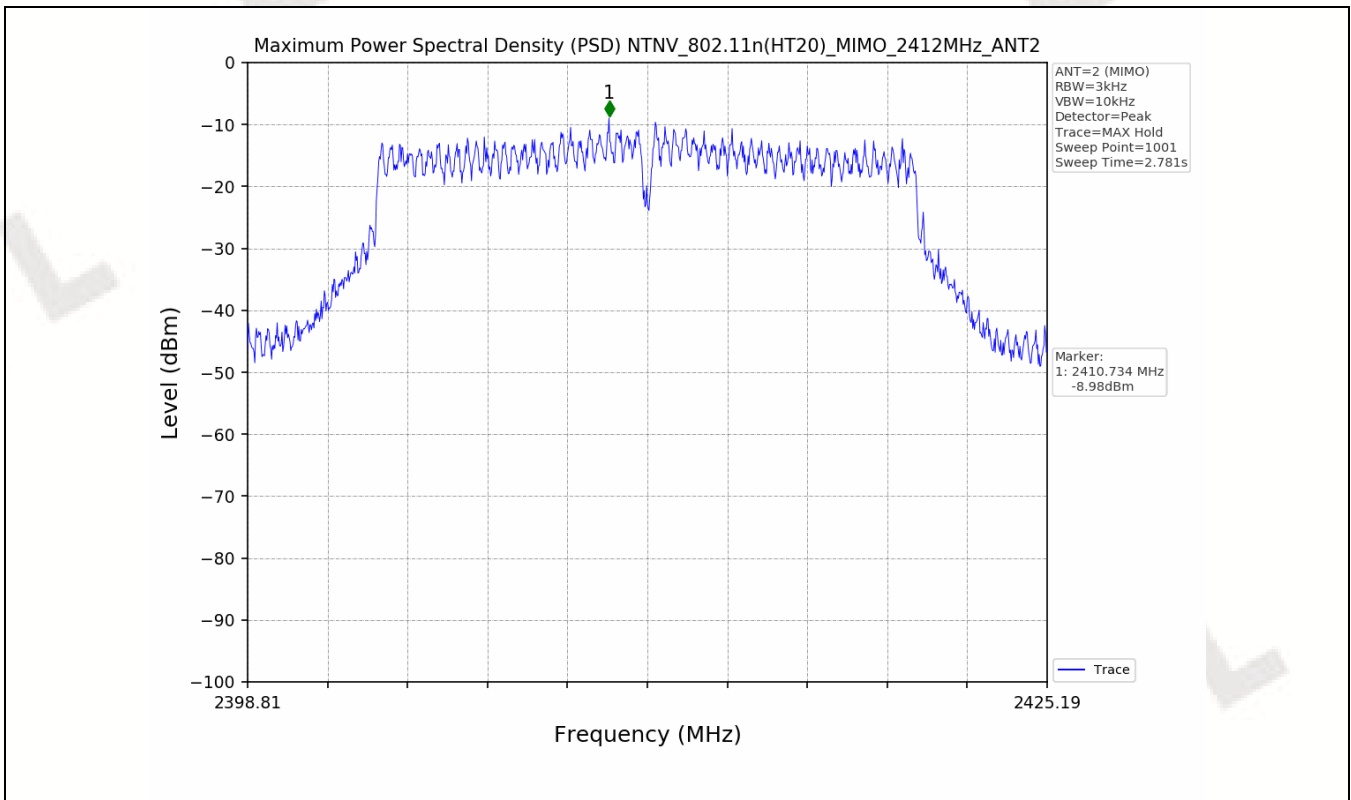
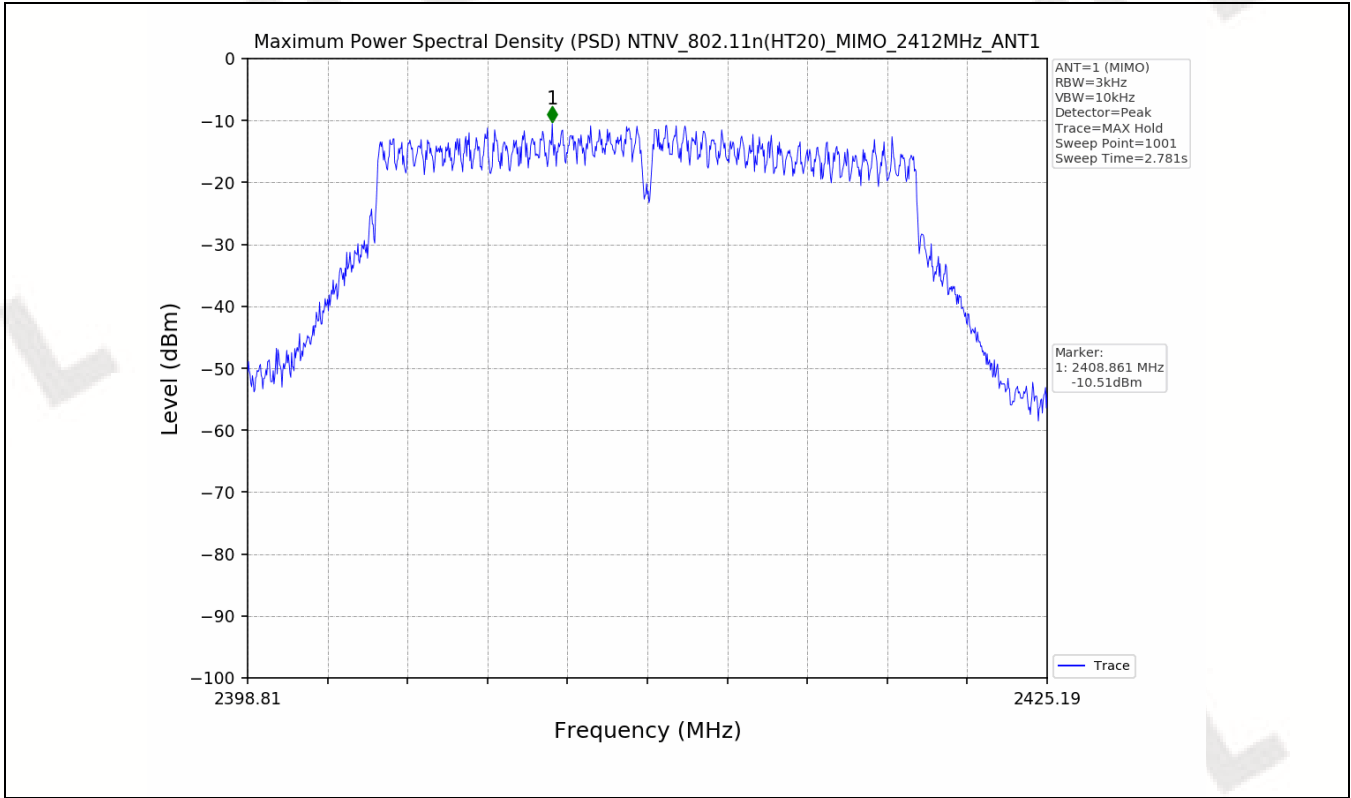


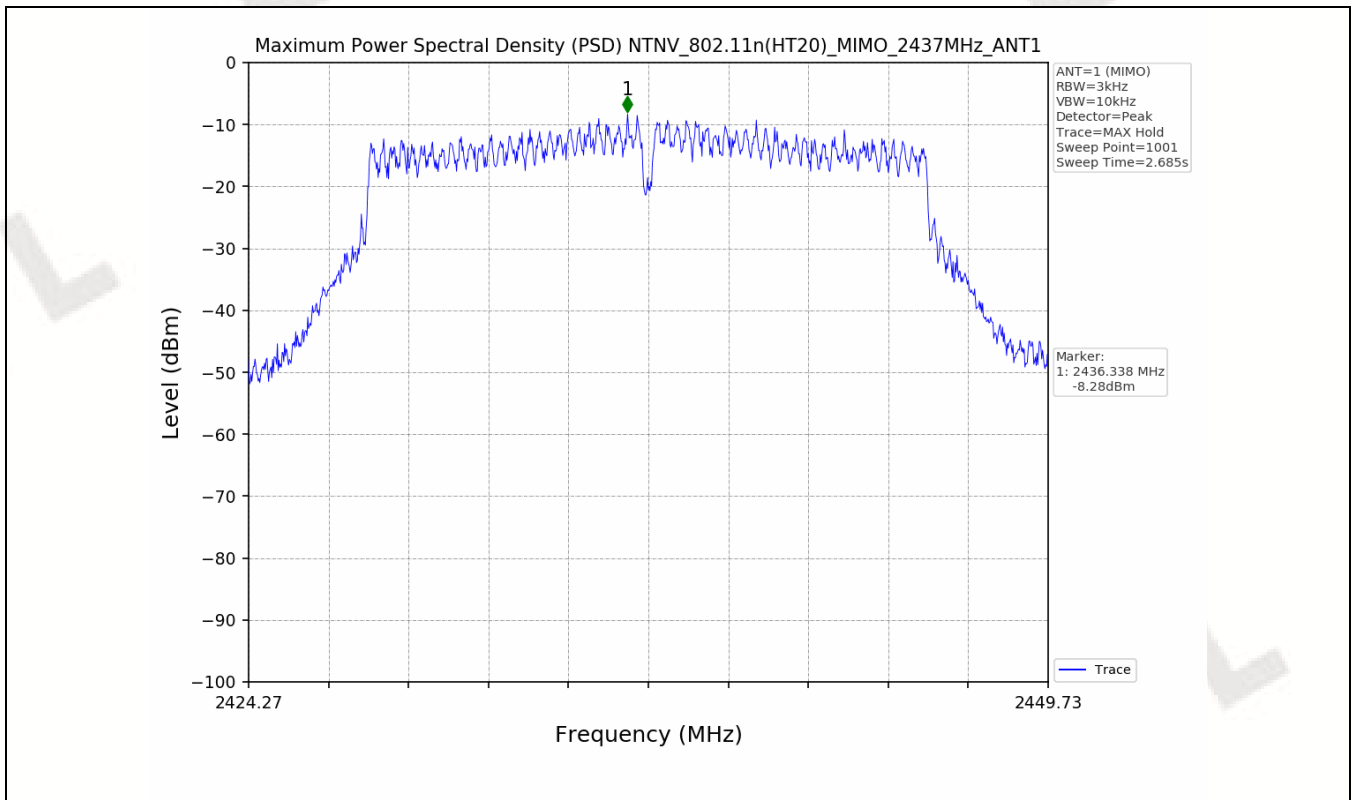
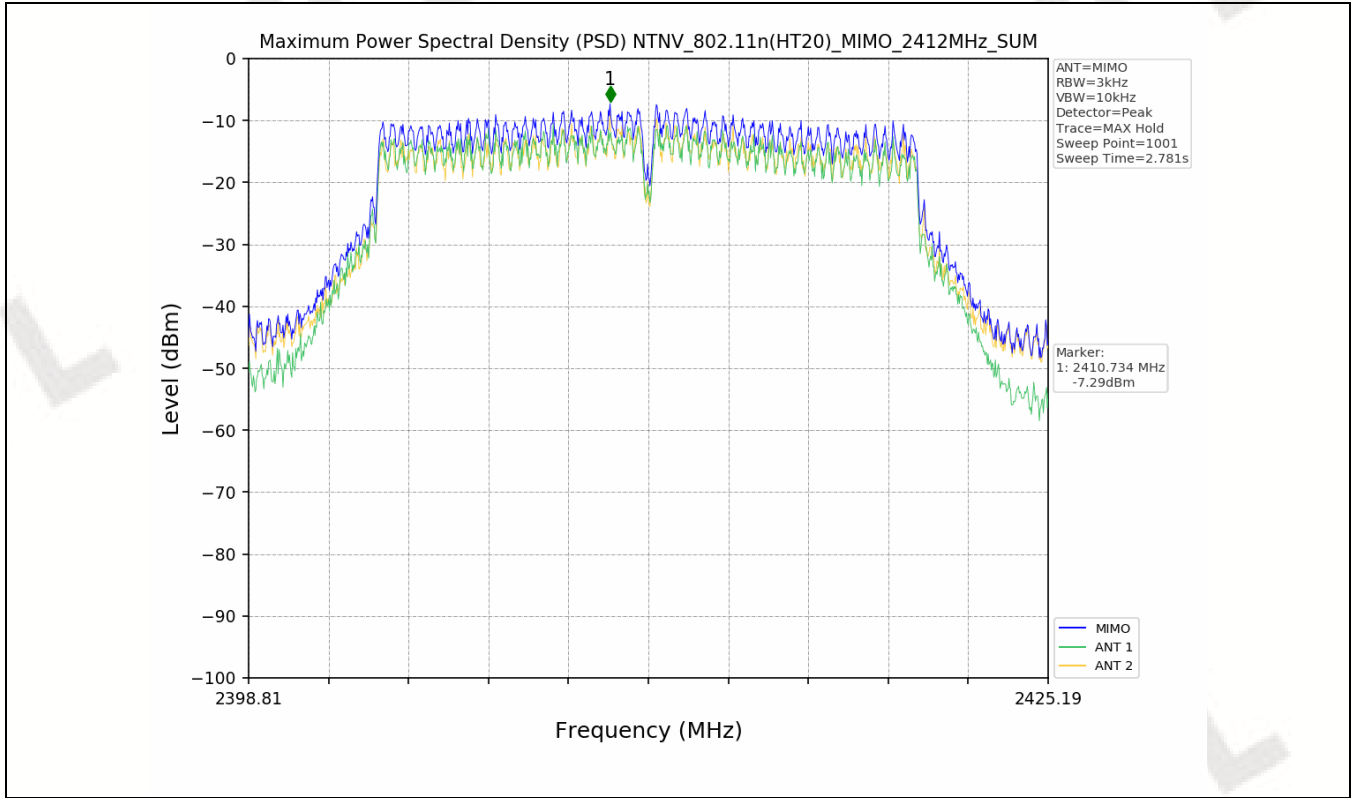


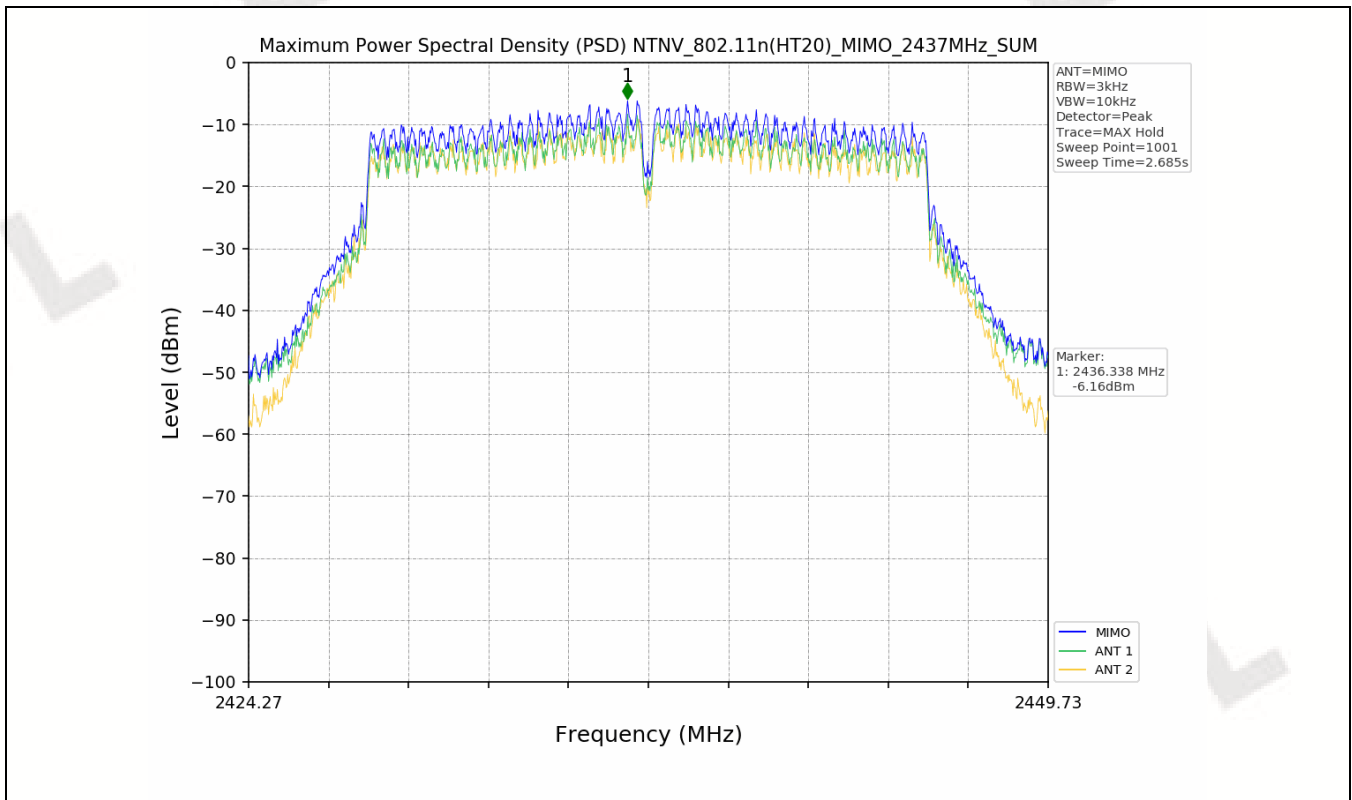
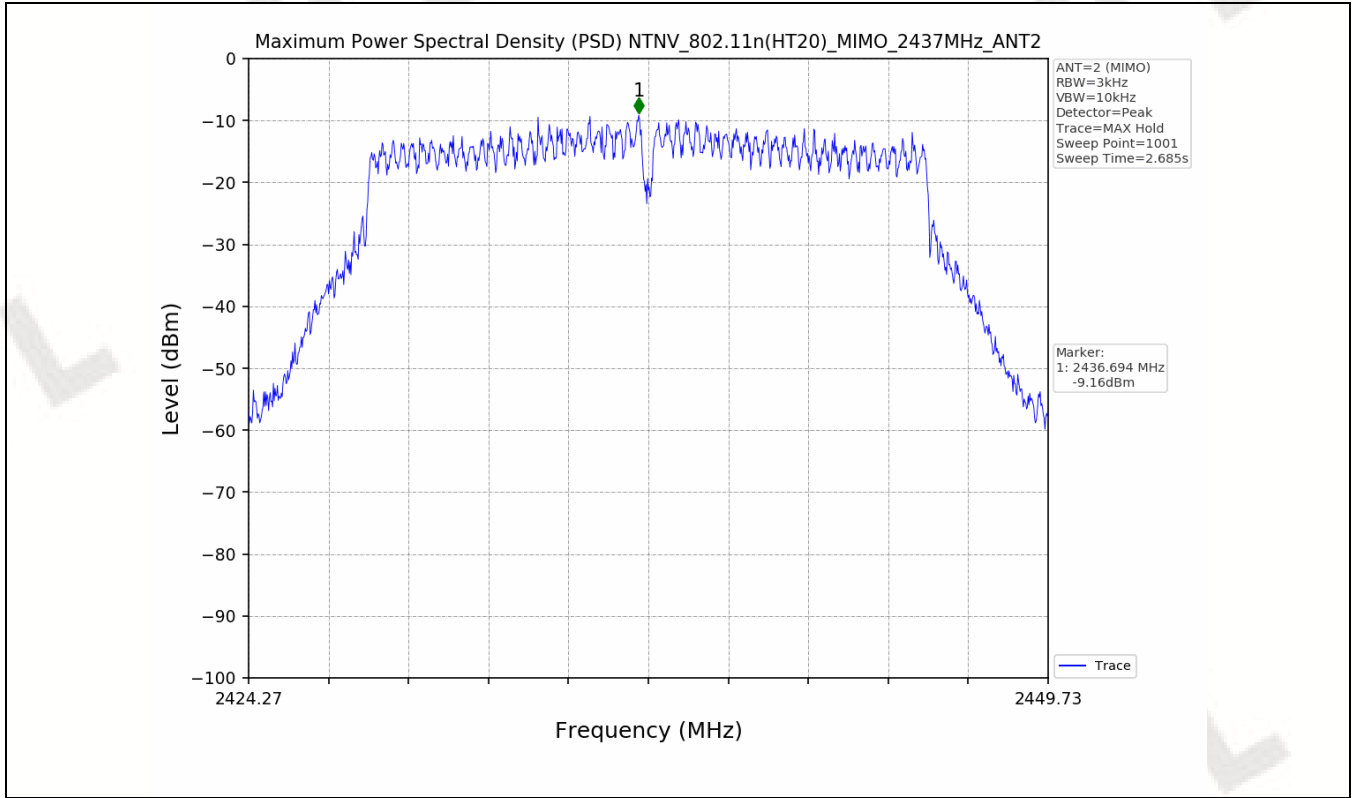


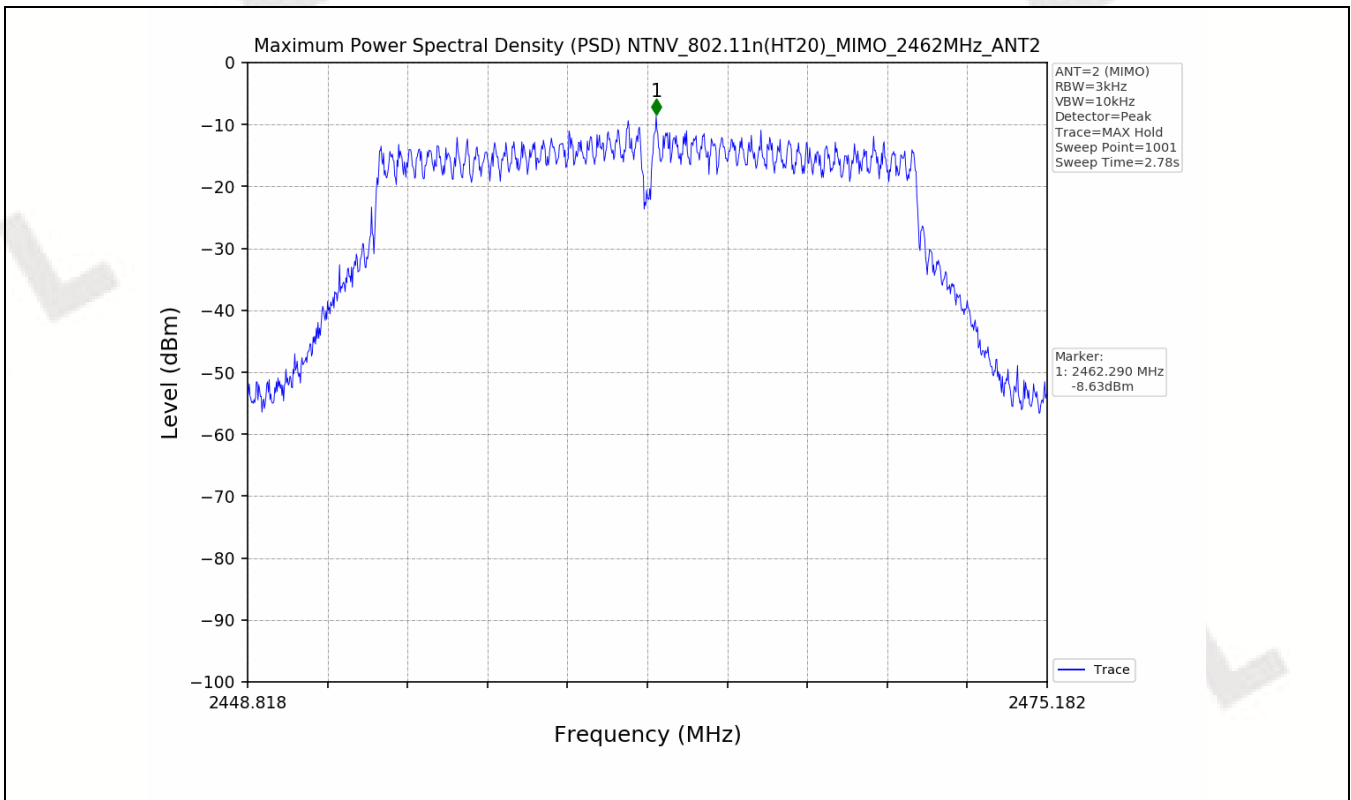
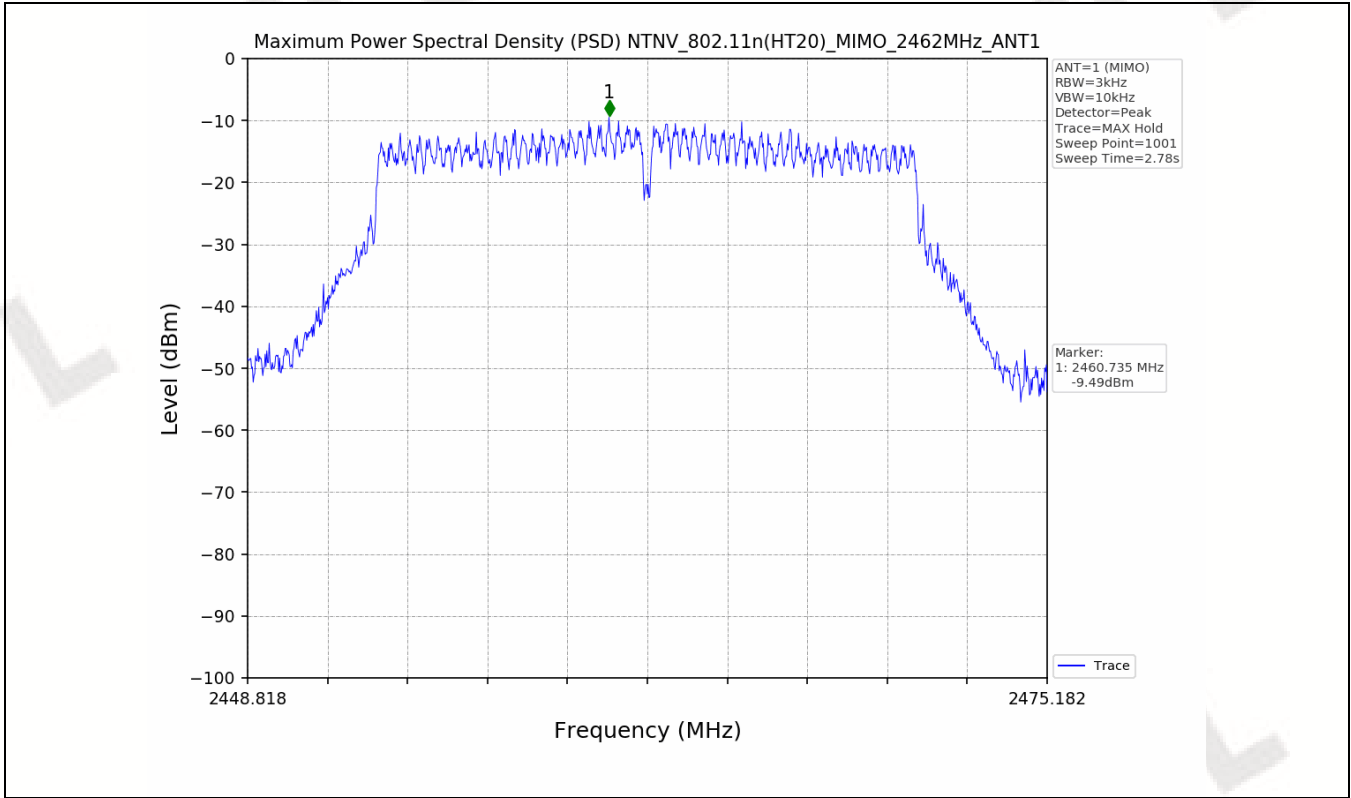


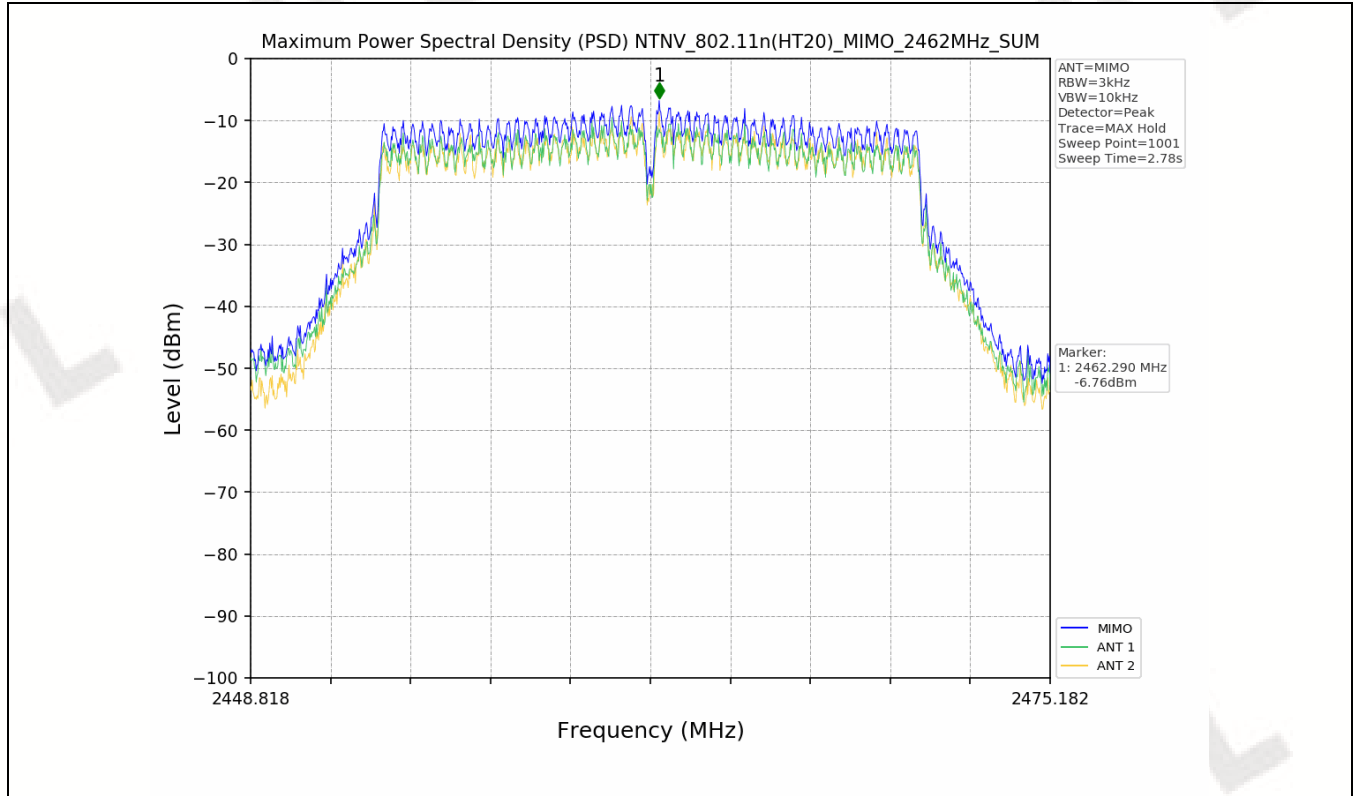










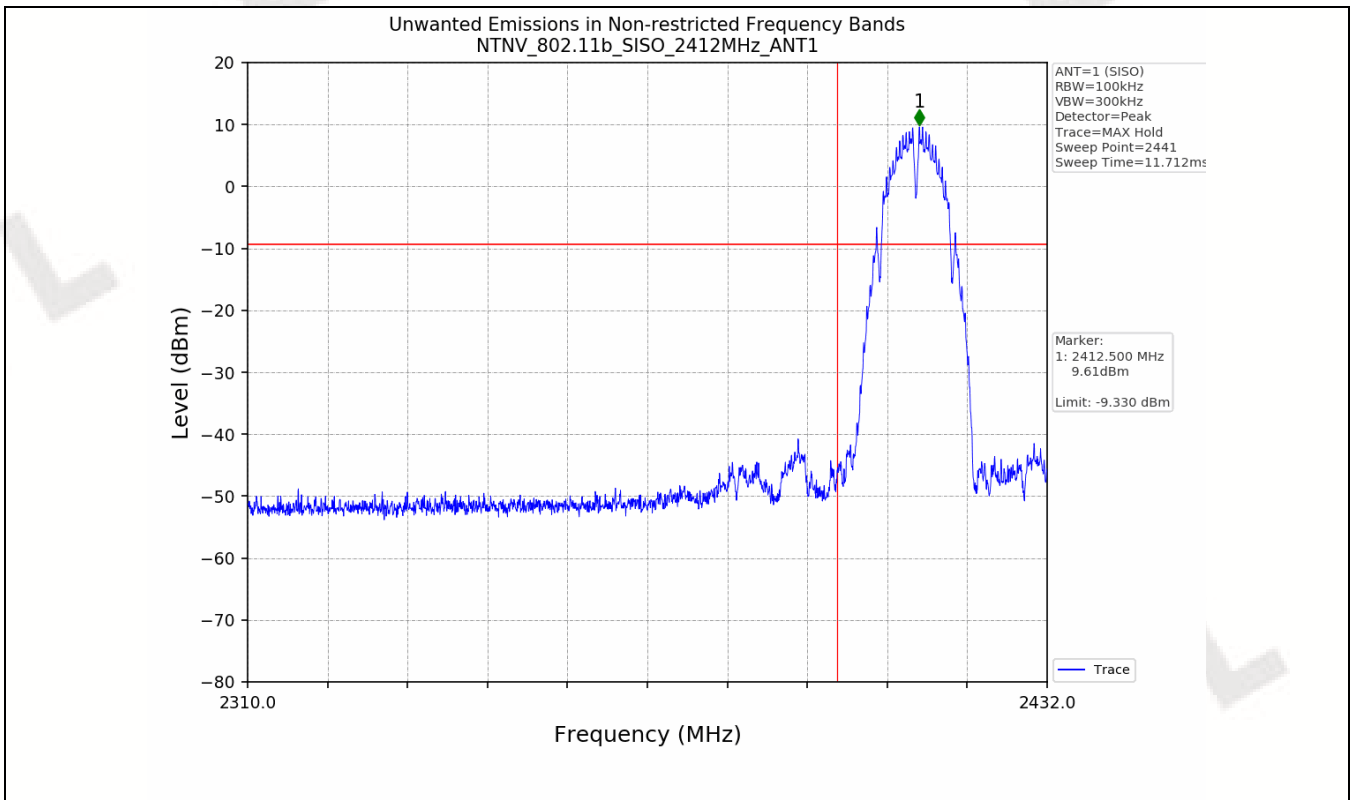
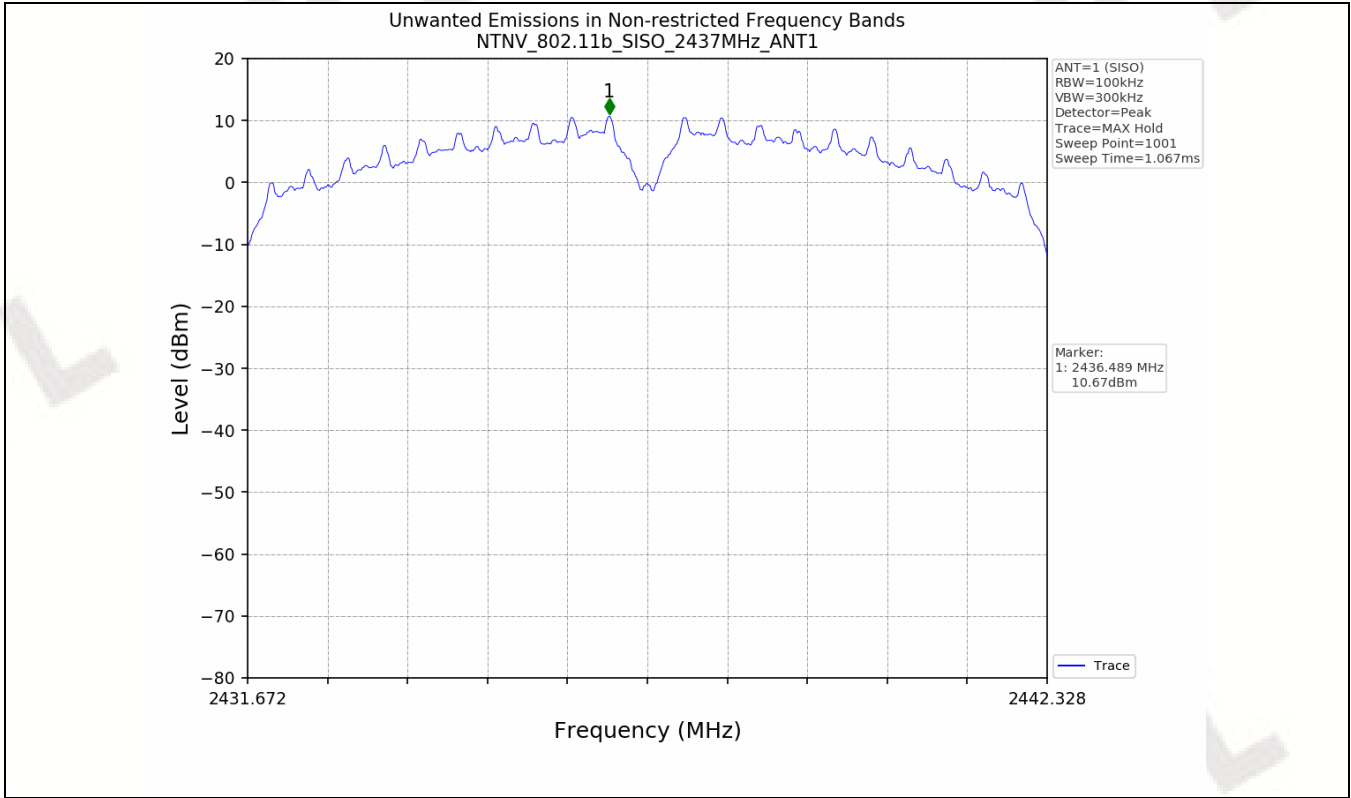


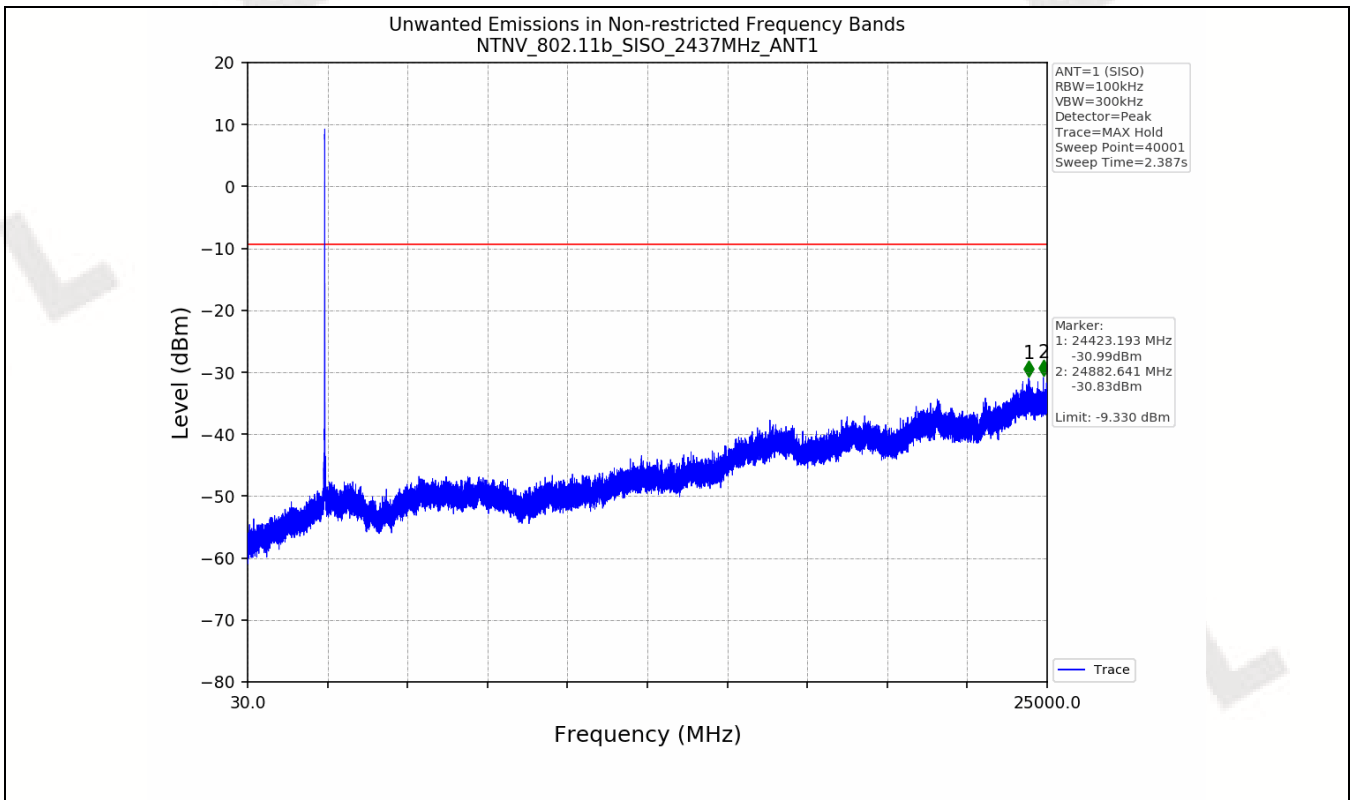
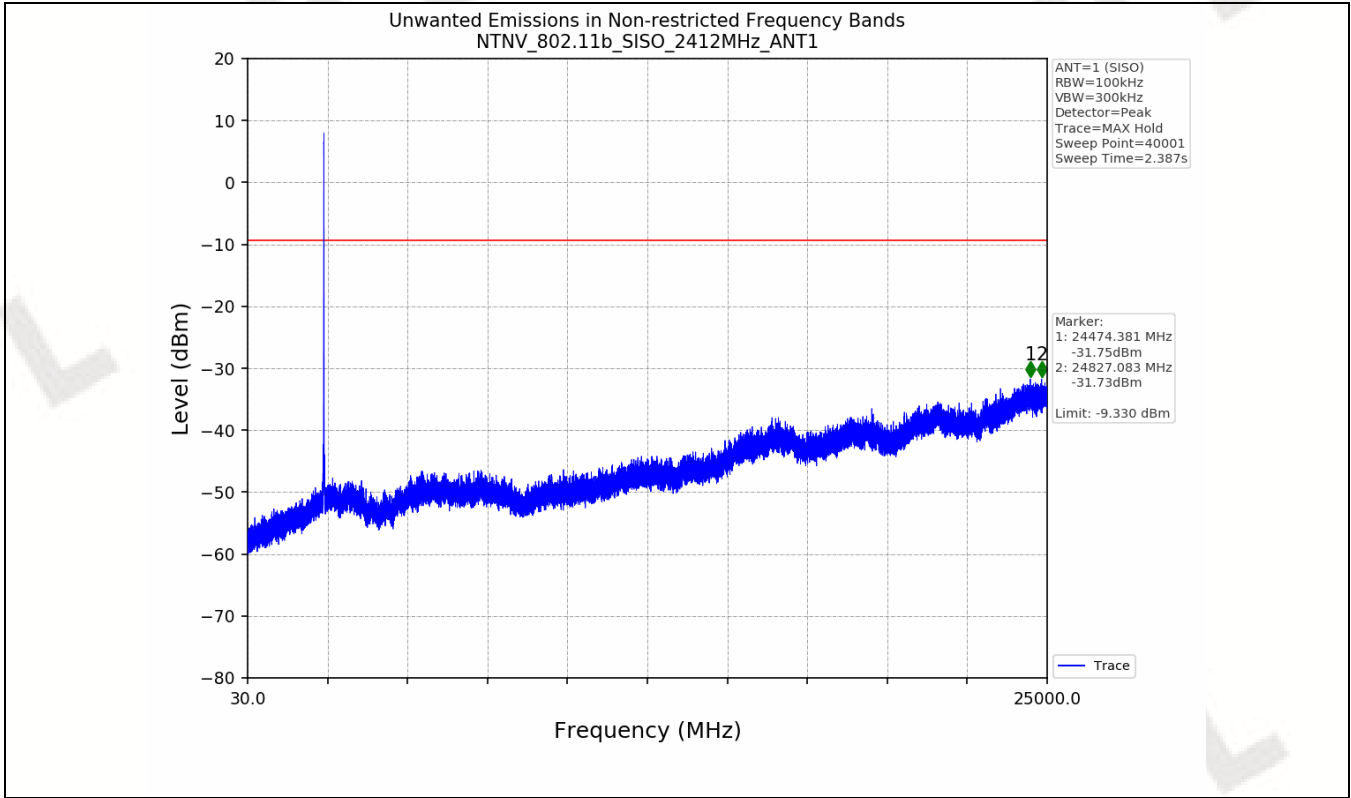
4. Unwanted Emissions in Non-restricted Frequency Bands

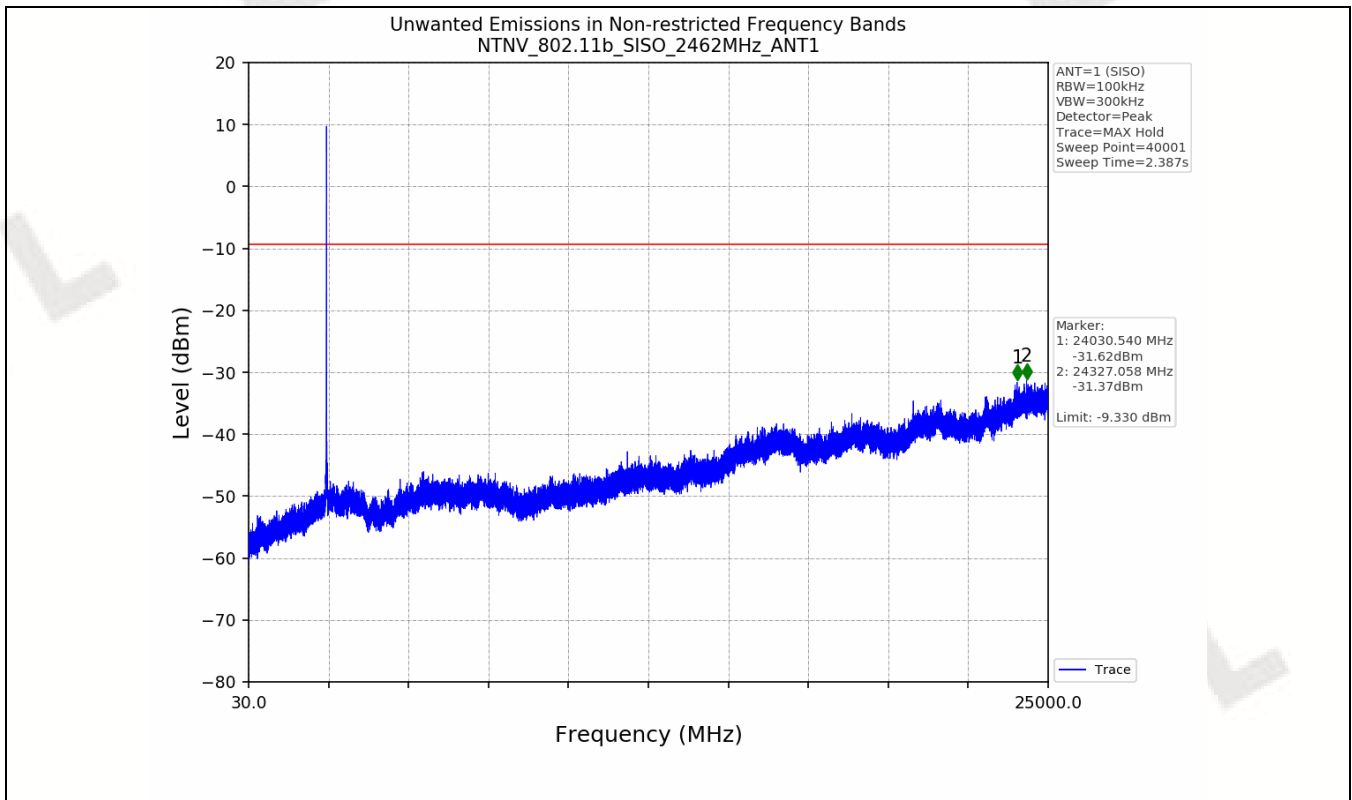
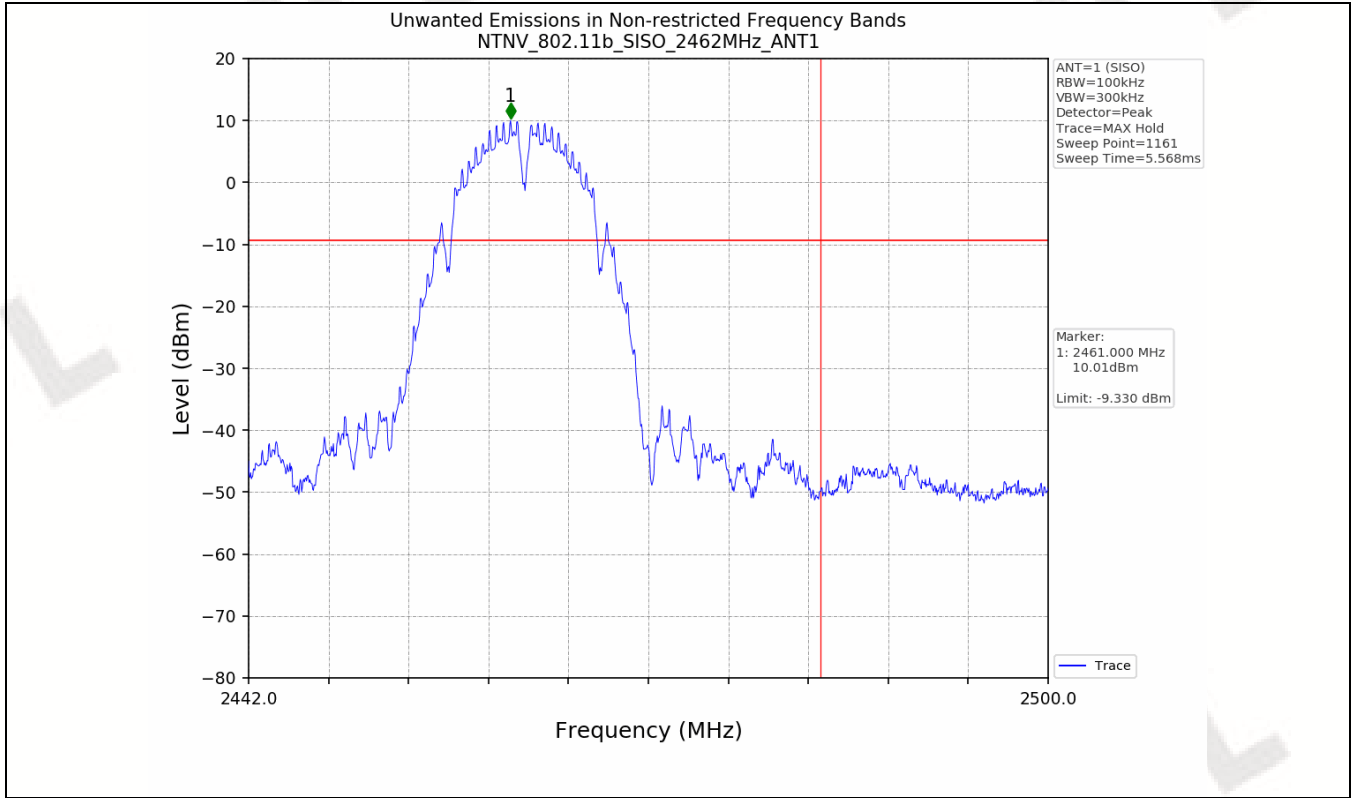
4.1 Test Result

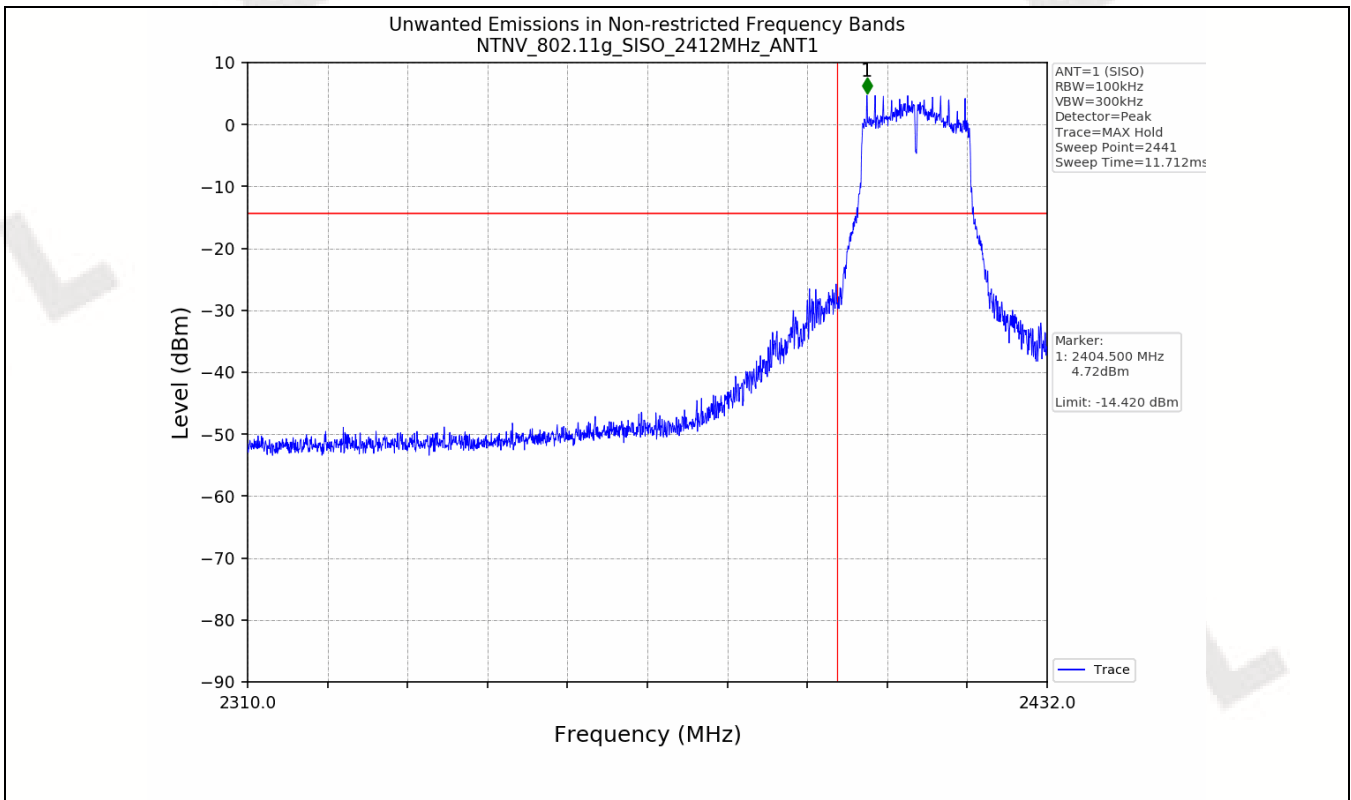
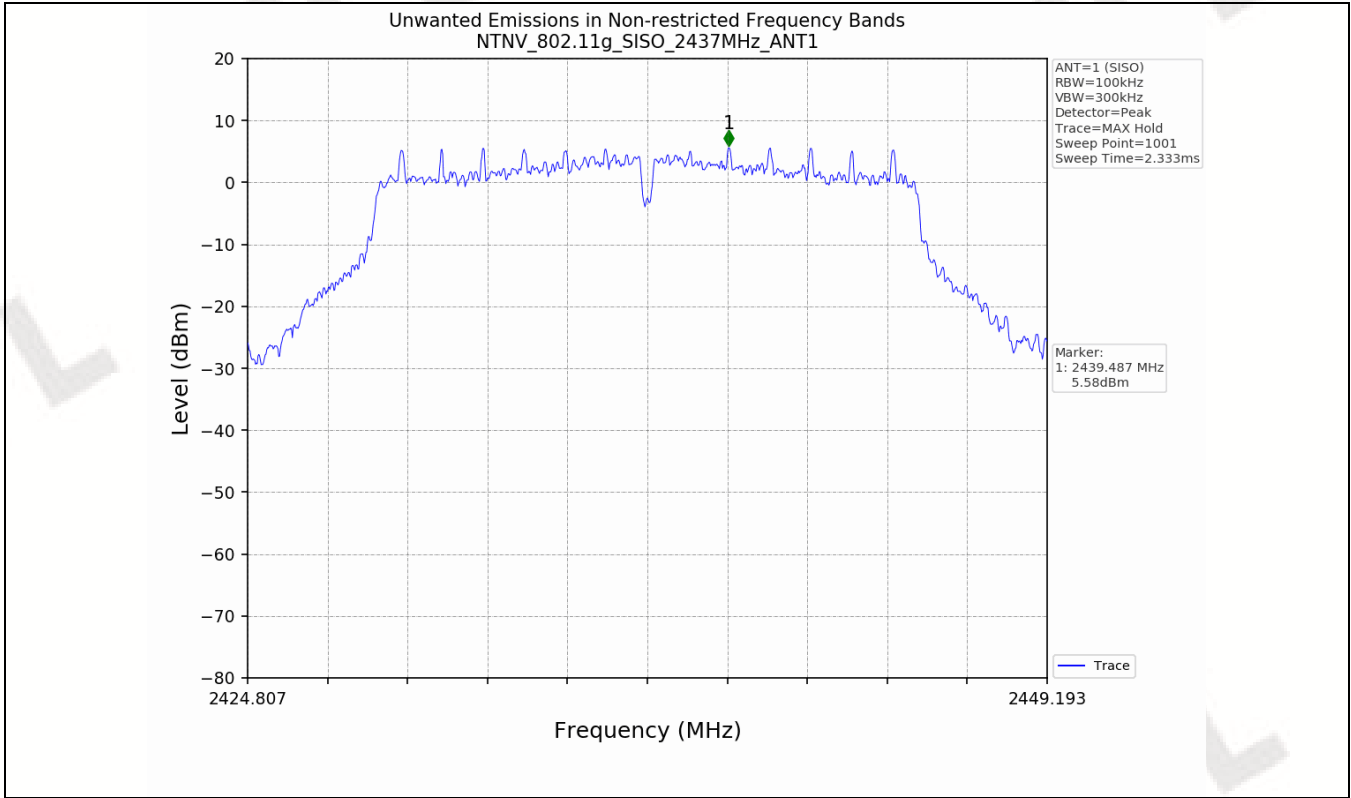
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	1	Refer to test graph	-9.33	PASS
	2437	SISO	1	Refer to test graph	-9.33	PASS
	2462	SISO	1	Refer to test graph	-9.33	PASS
802.11g	2412	SISO	1	Refer to test graph	-14.42	PASS
	2437	SISO	1	Refer to test graph	-14.42	PASS
	2462	SISO	1	Refer to test graph	-14.42	PASS
802.11n(HT20)	2412	MIMO	MIMO	Refer to test graph	-14.72	PASS
	2437	MIMO	MIMO	Refer to test graph	-14.72	PASS
	2462	MIMO	MIMO	Refer to test graph	-14.72	PASS

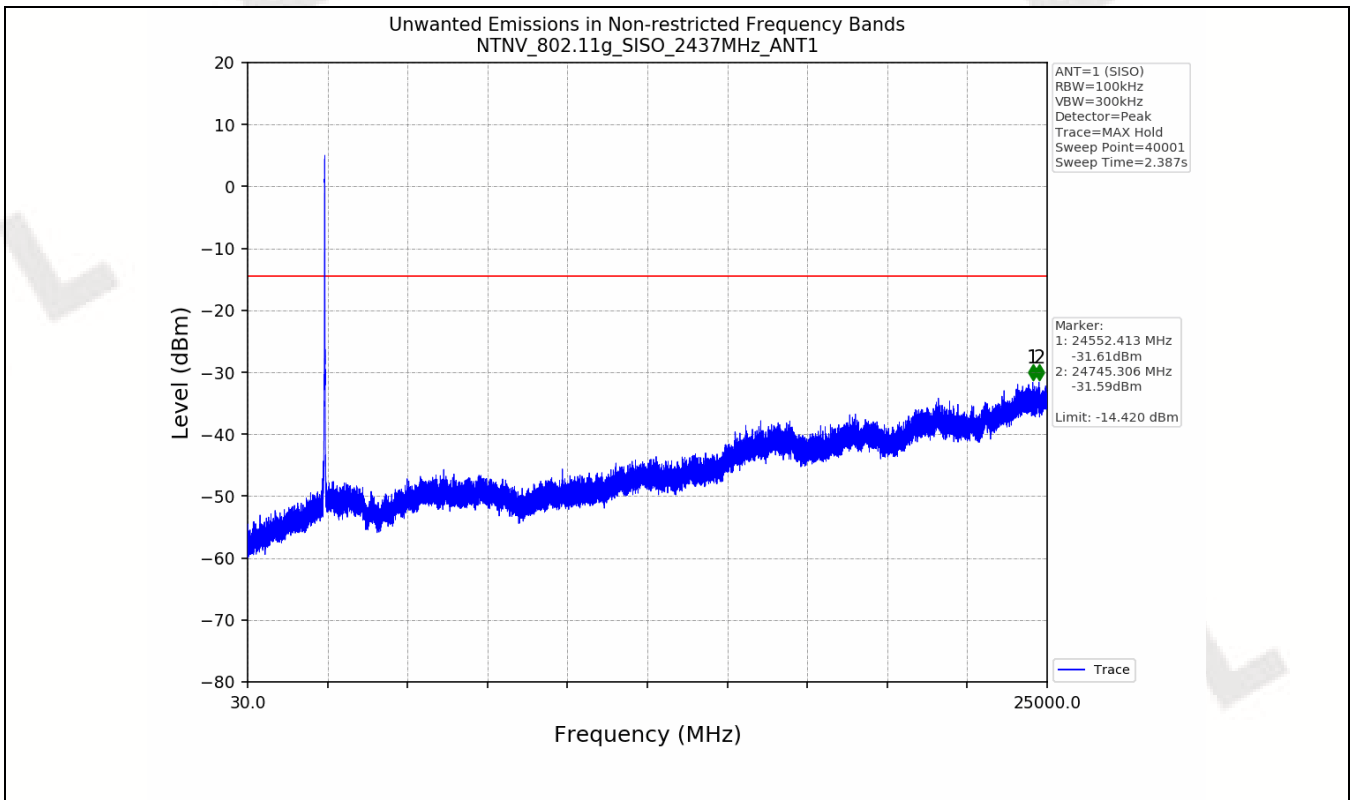
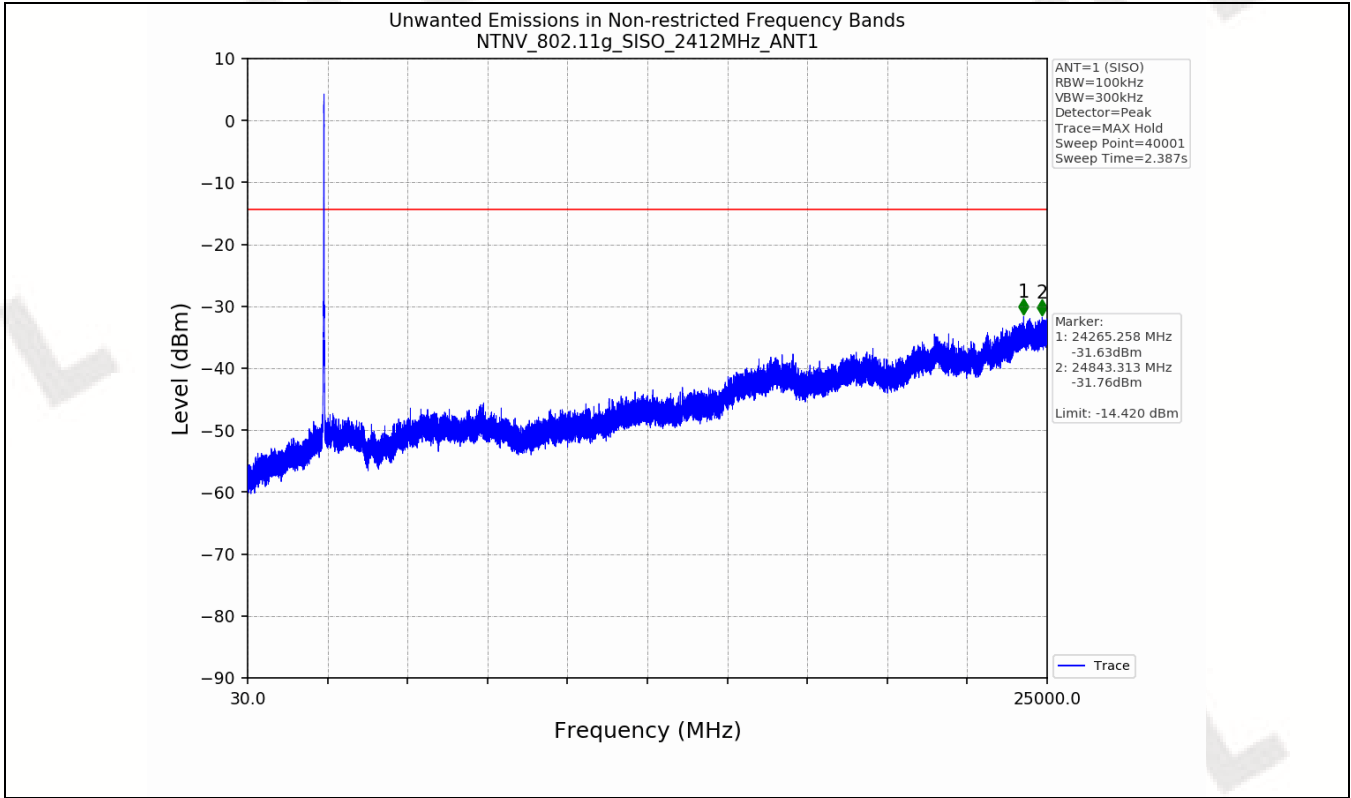
4.2 Test Graph

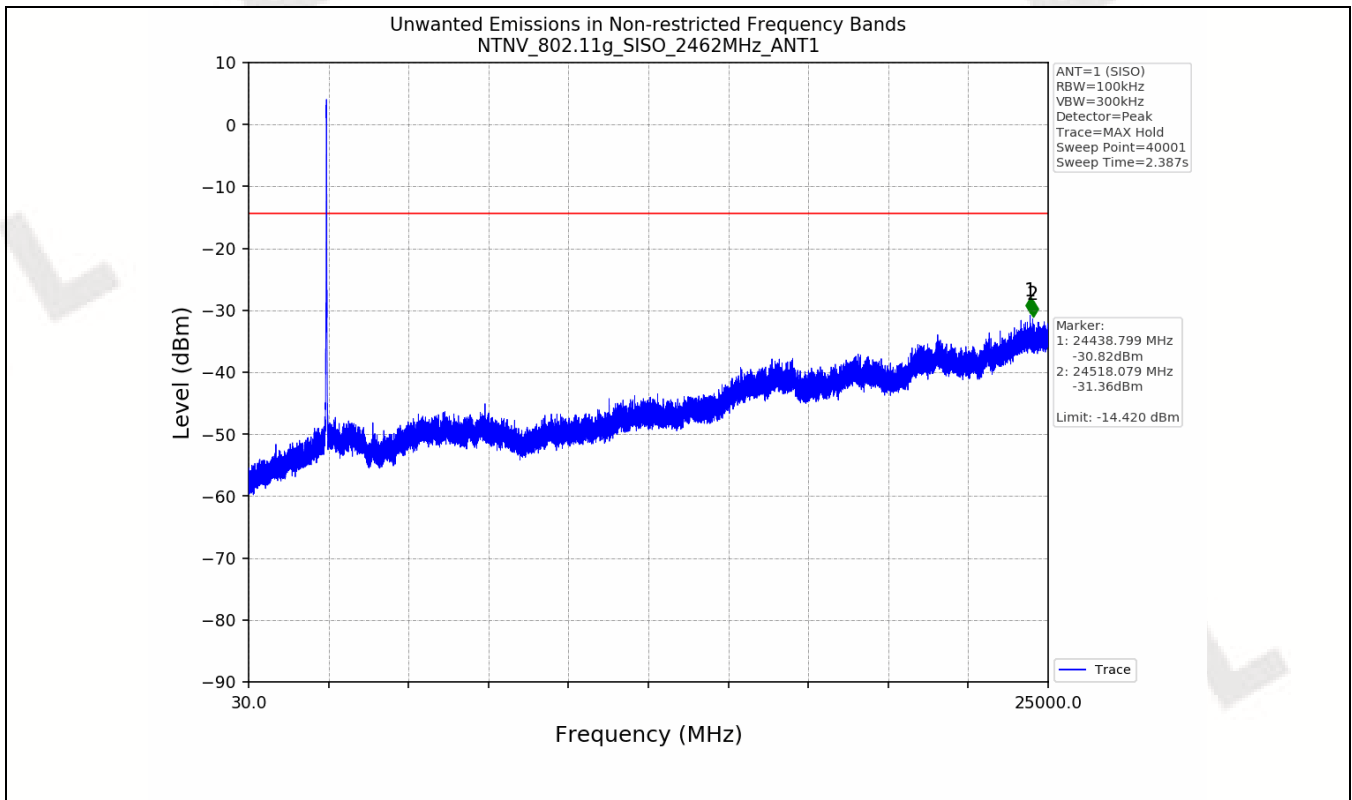
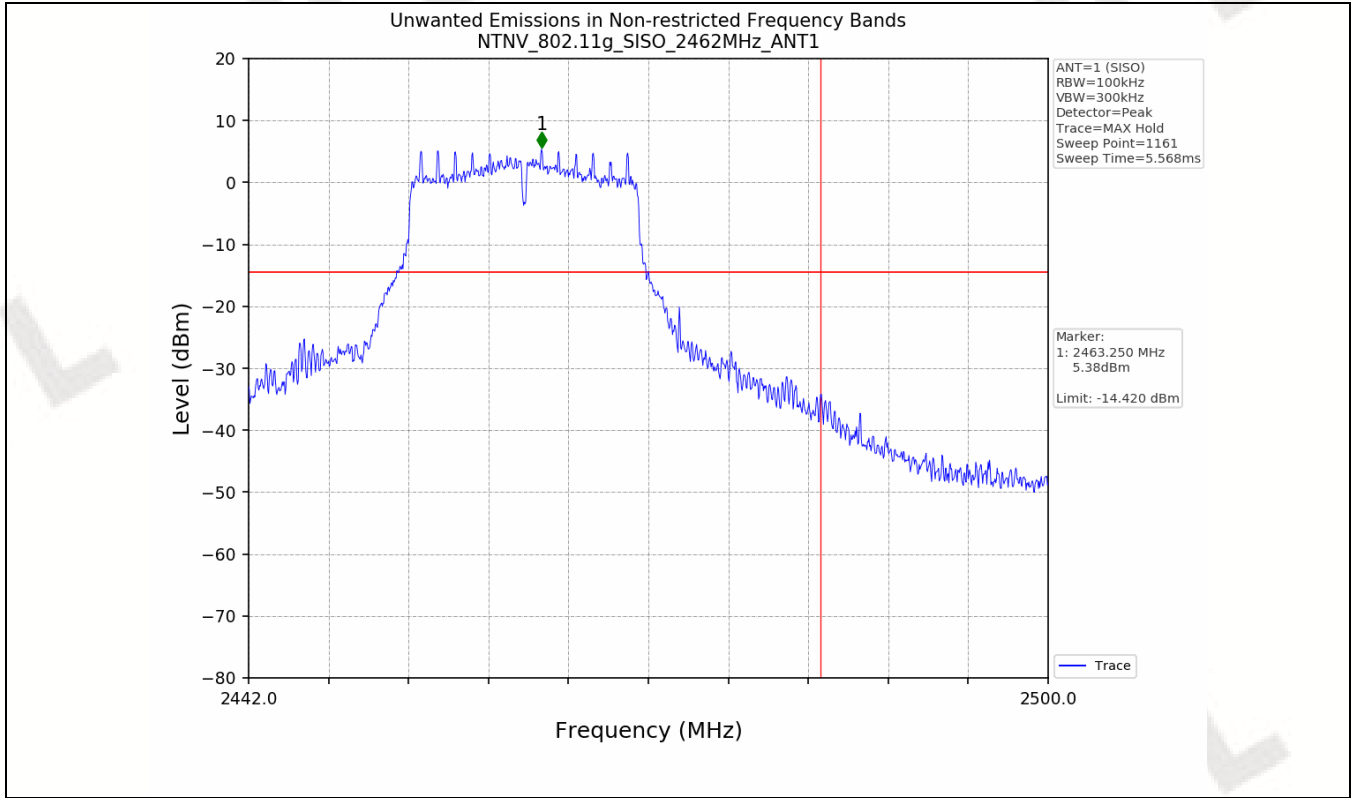


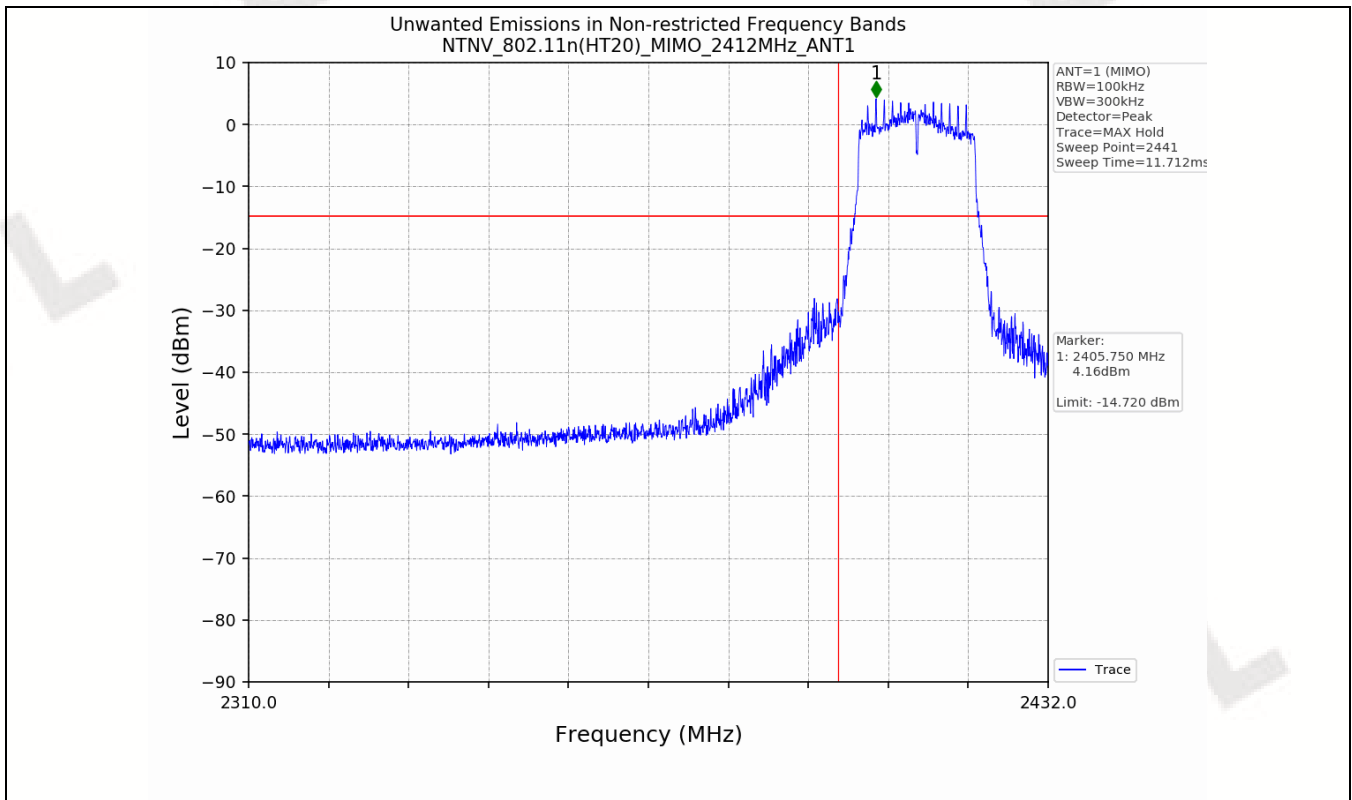
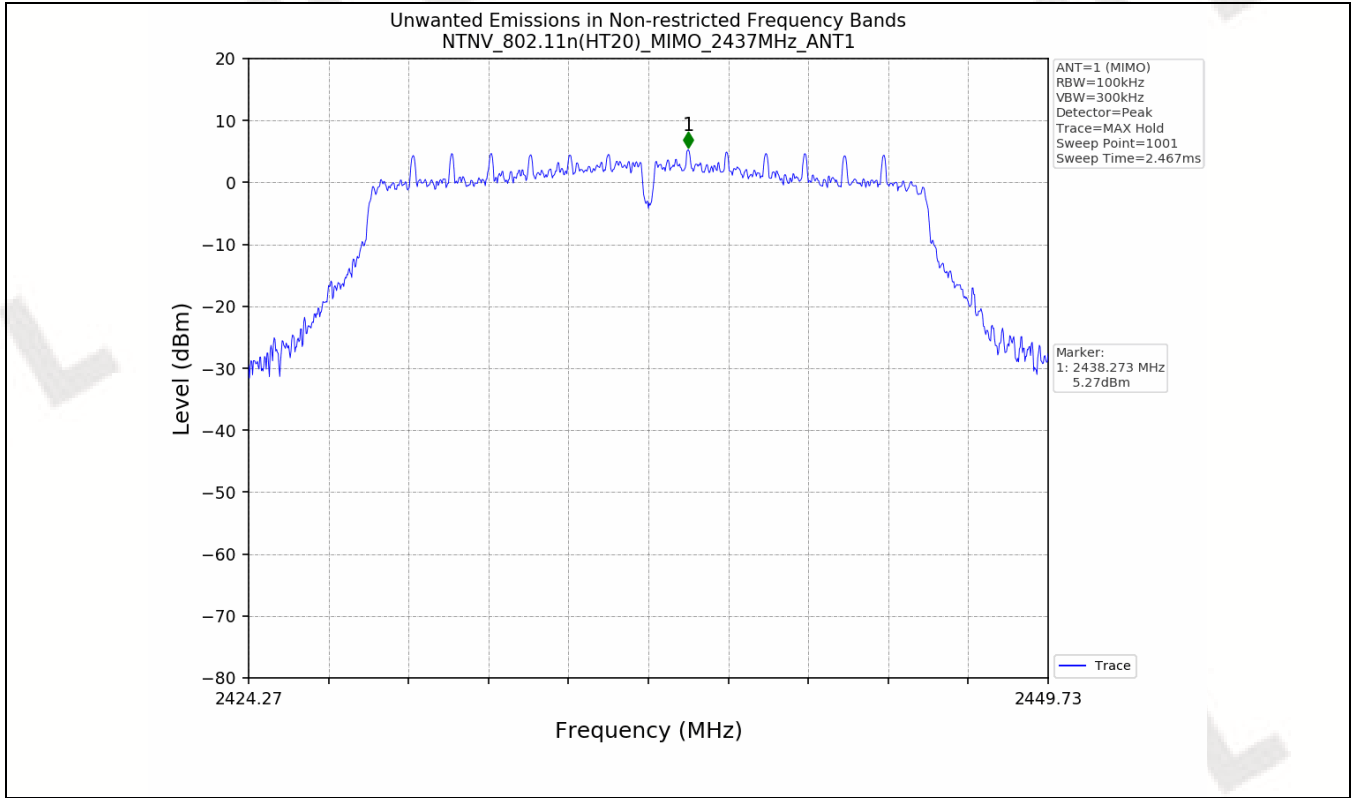


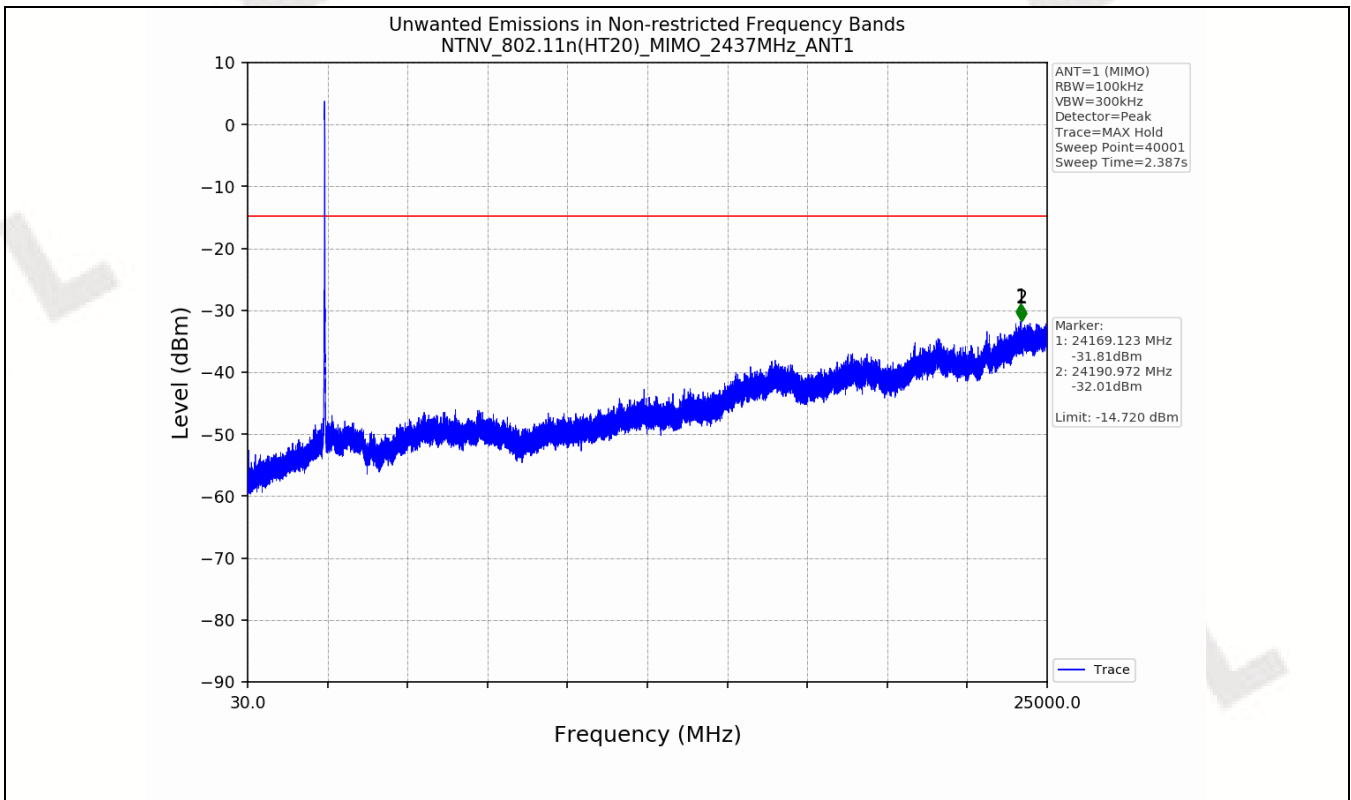
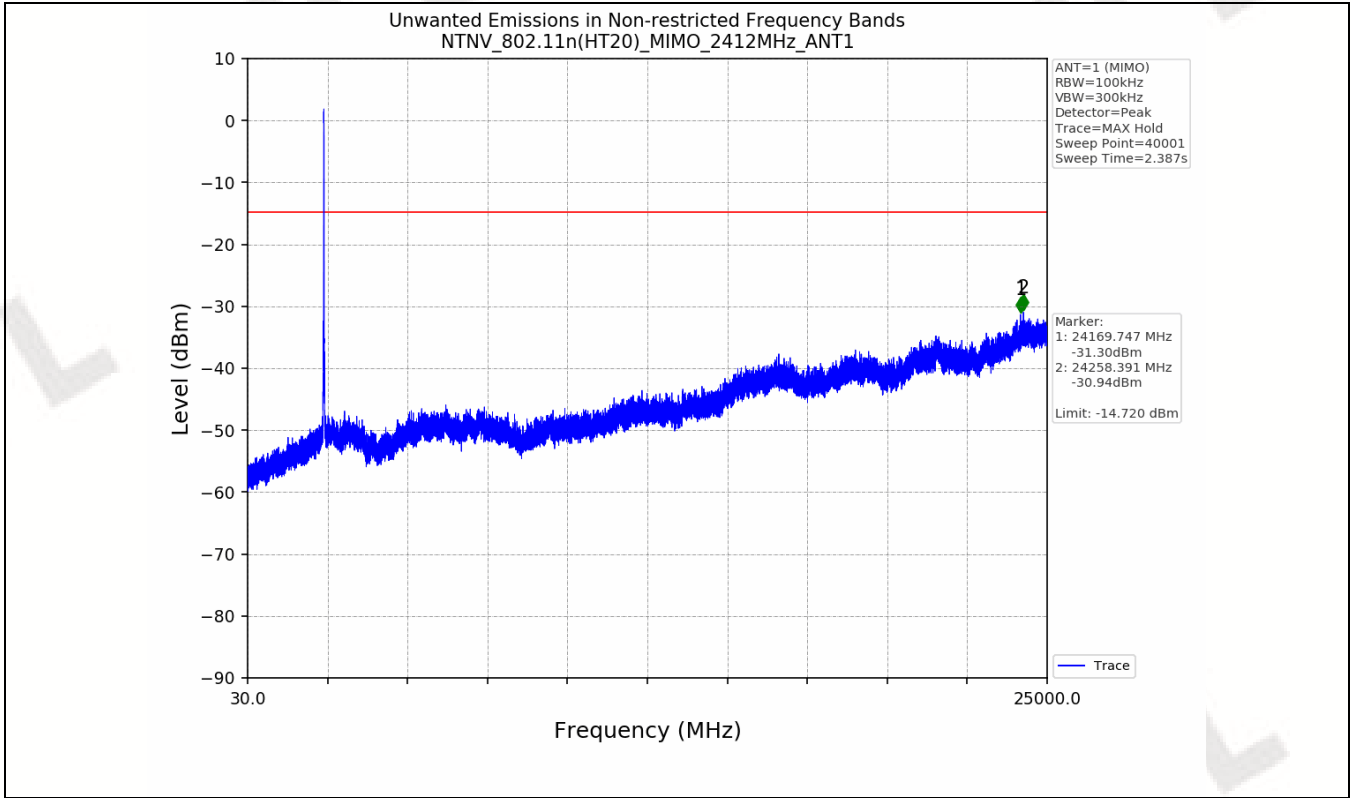


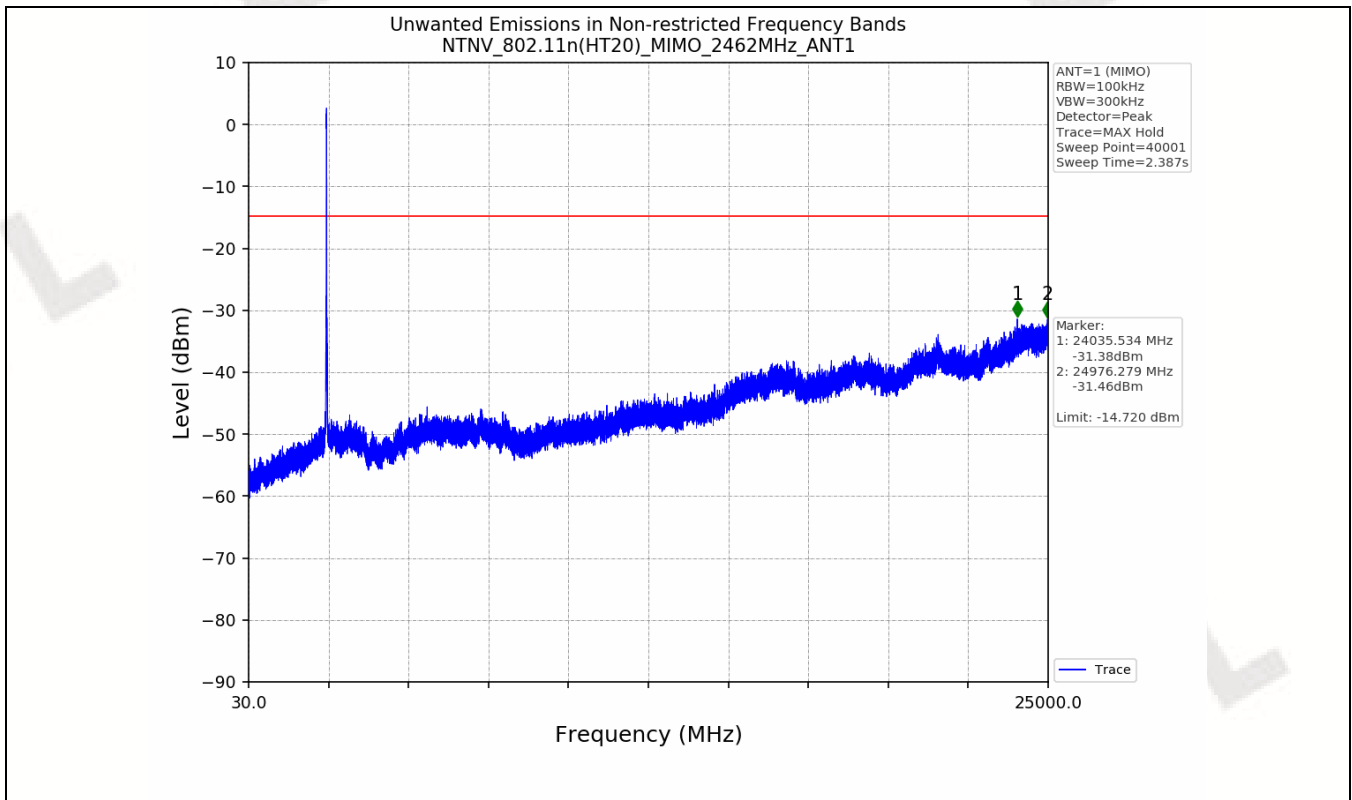
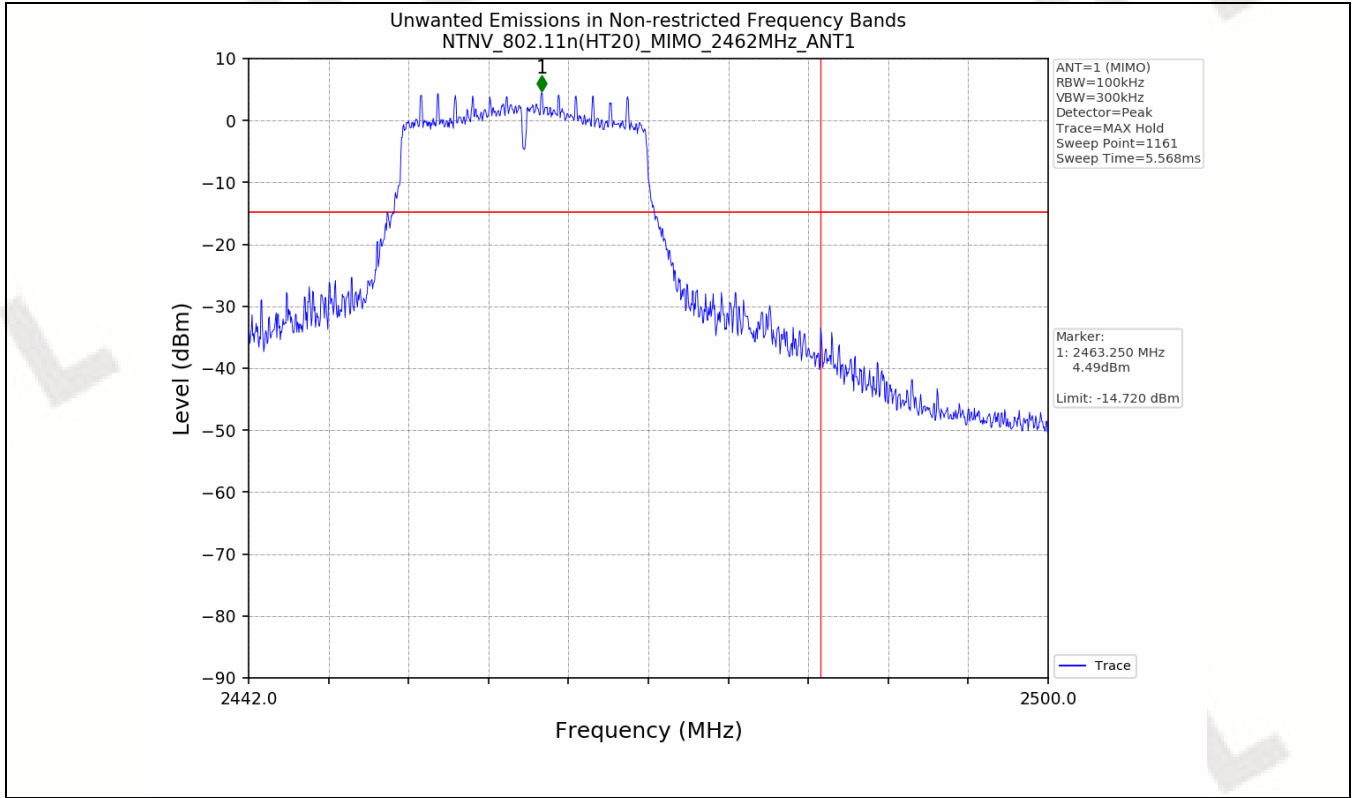












5. Frequency Error

5.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT	Measured Frequency (MHz)		Verdict
				Test Result	Limit	
802.11b	2412	SISO	1	2412.02	2400-2483.5	PASS
	2437	SISO	1	2436.98	2400-2483.5	PASS
	2462	SISO	1	2461.98	2400-2483.5	PASS

5.2 Test Graph

