

Appendix for 15.247

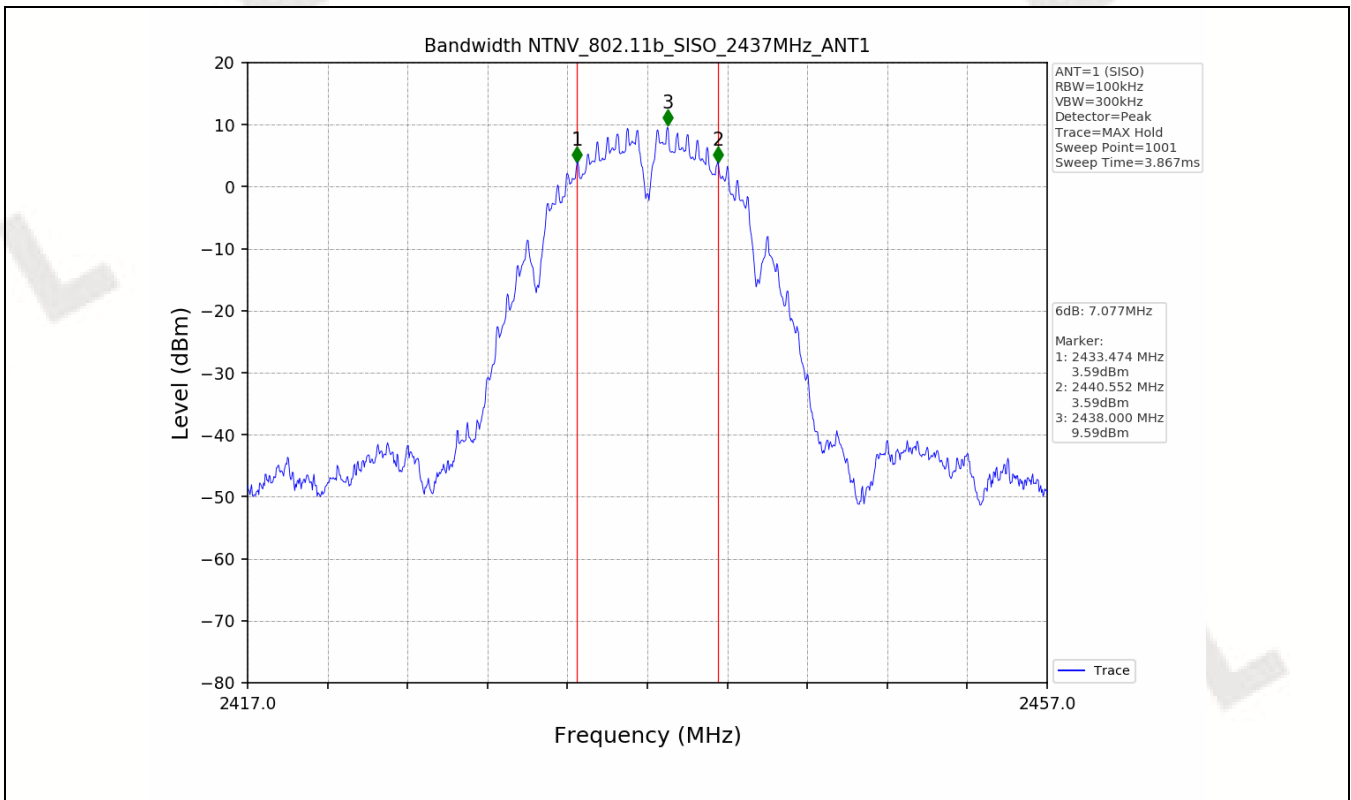
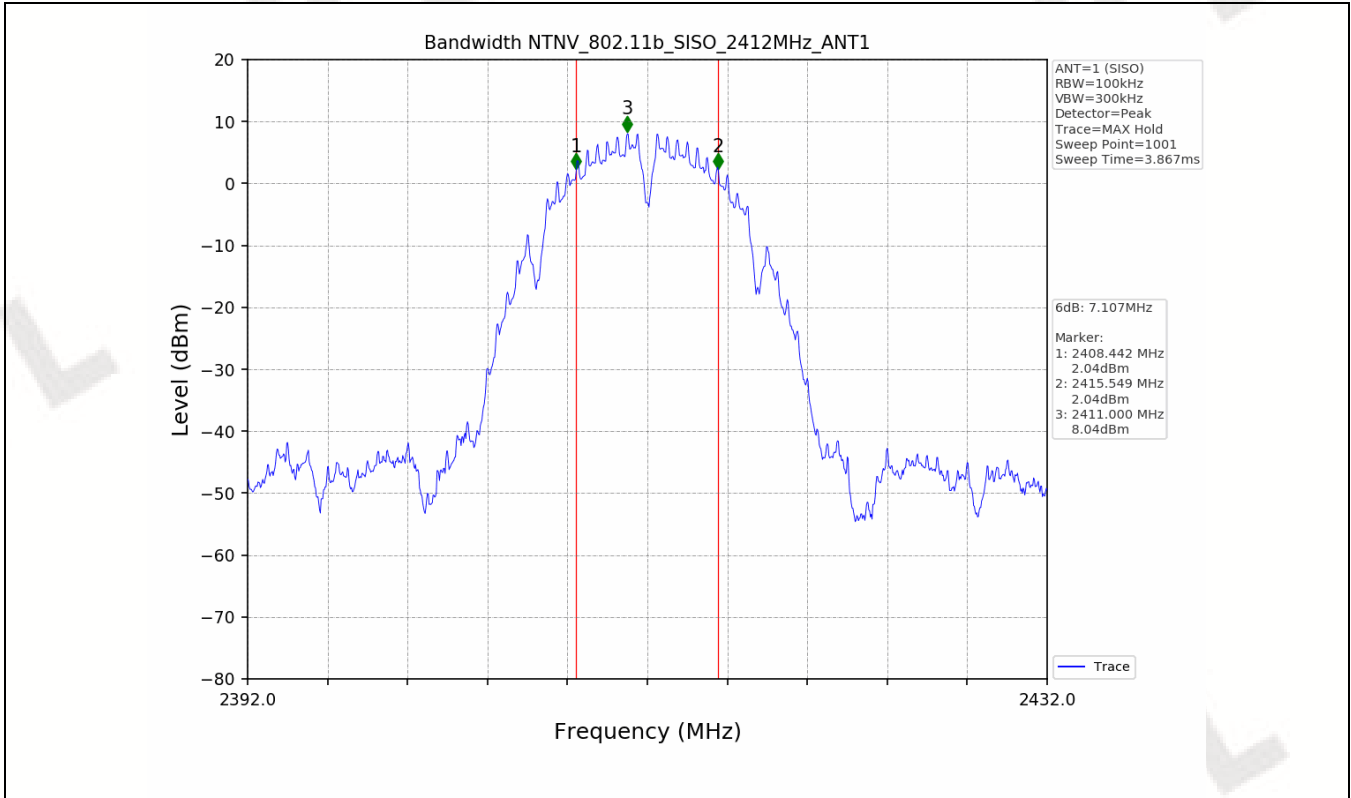
1. Bandwidth

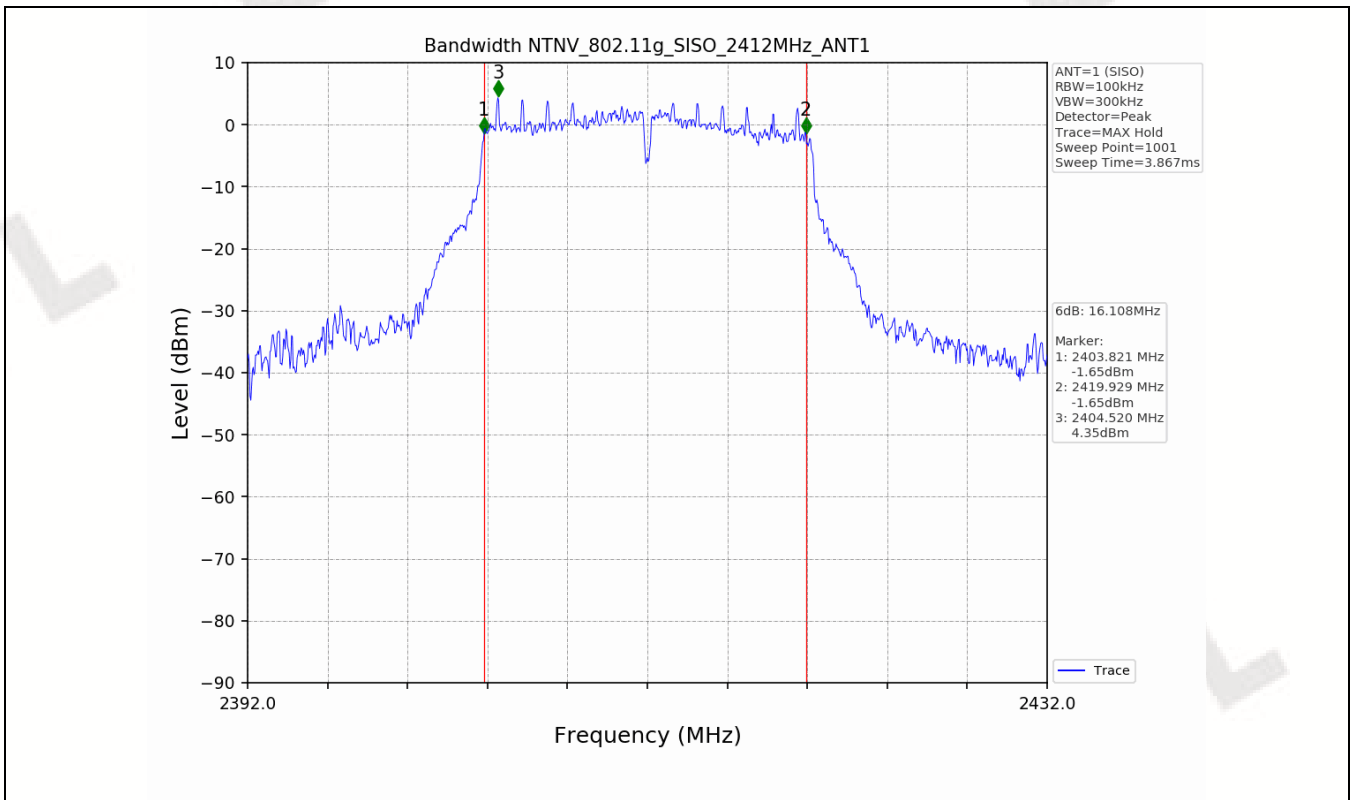
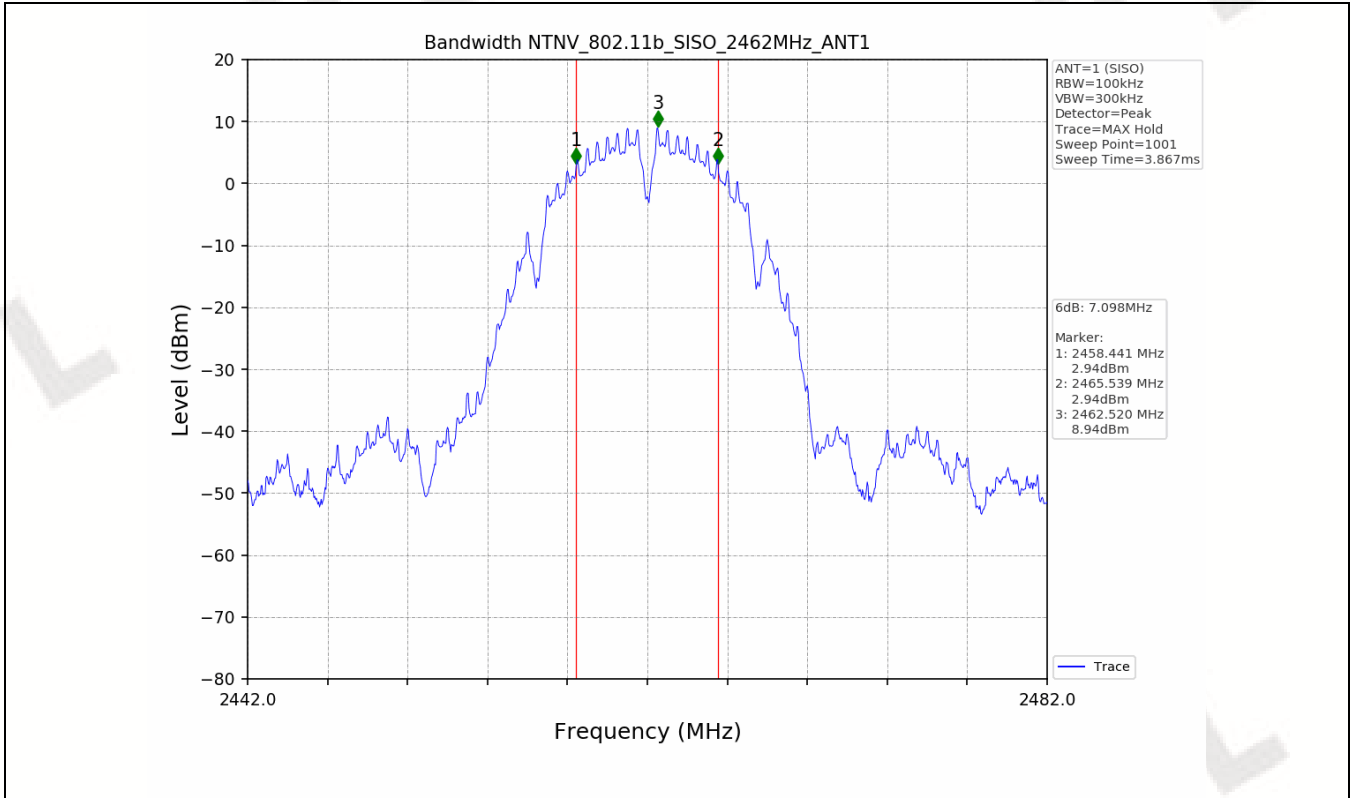
1.1 Test Result

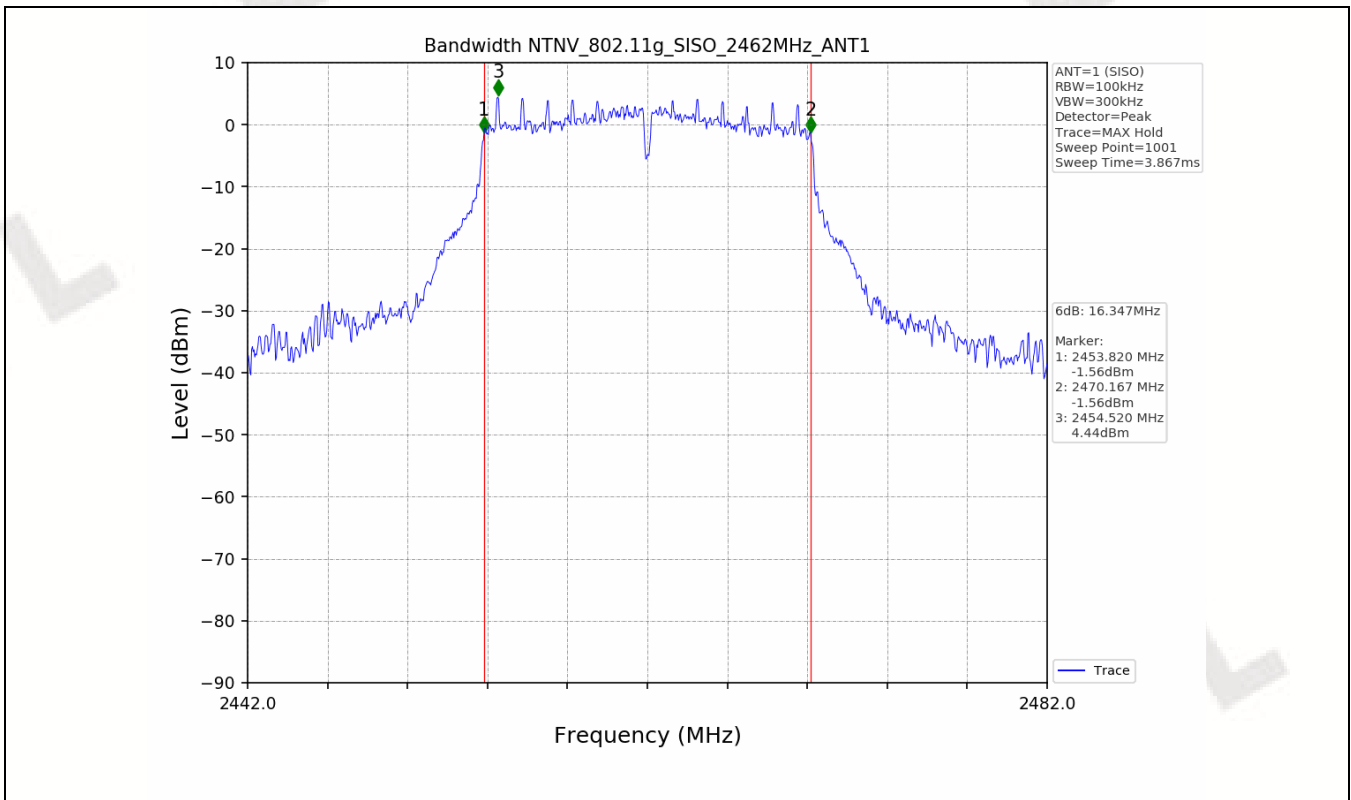
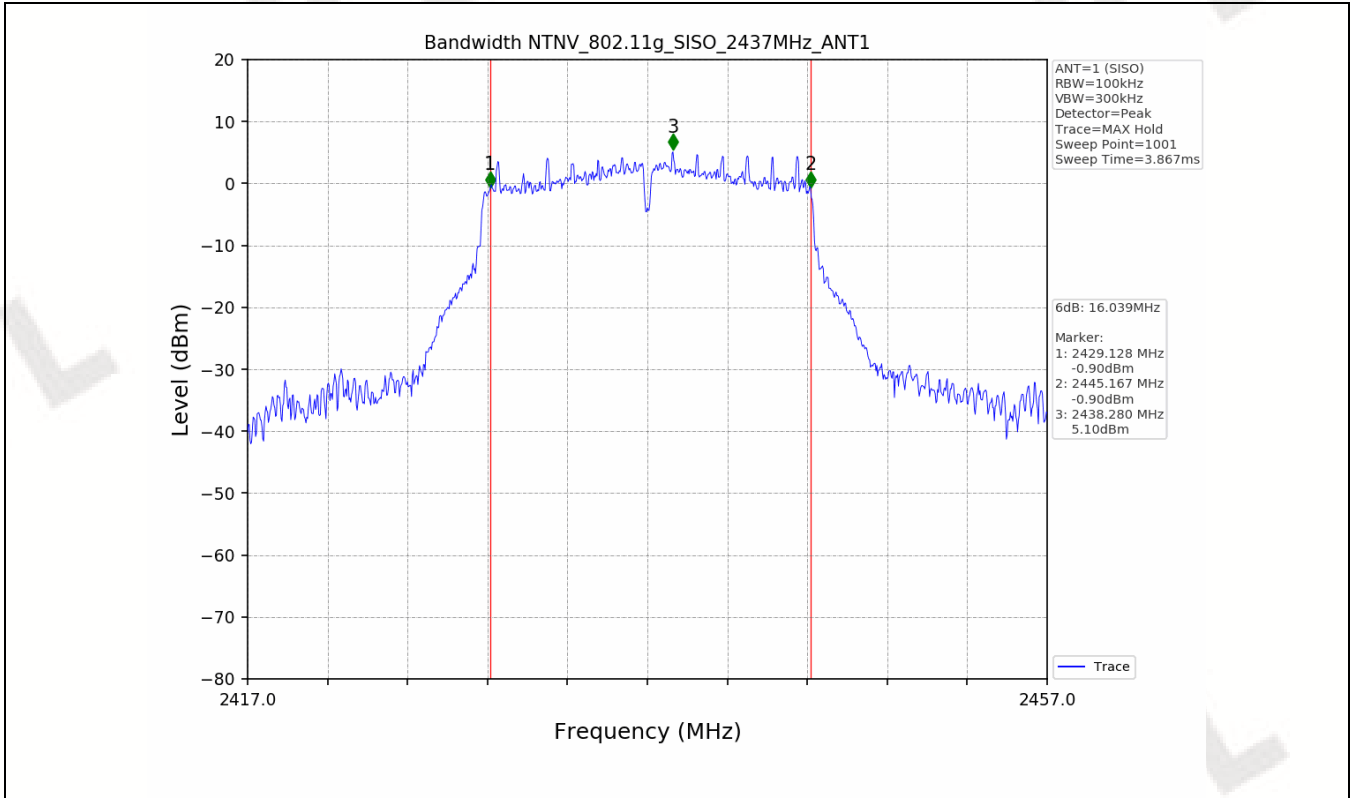
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth	Verdict
				Test Result (MHz)	
802.11b	2412	SISO	1	7.107	PASS
	2437	SISO	1	7.077	PASS
	2462	SISO	1	7.098	PASS
802.11g	2412	SISO	1	16.108	PASS
	2437	SISO	1	16.039	PASS
	2462	SISO	1	16.347	PASS
802.11n(HT20)	2412	MIMO	1	16.584	PASS
	2437	MIMO	1	17.010	PASS
	2462	MIMO	1	17.584	PASS

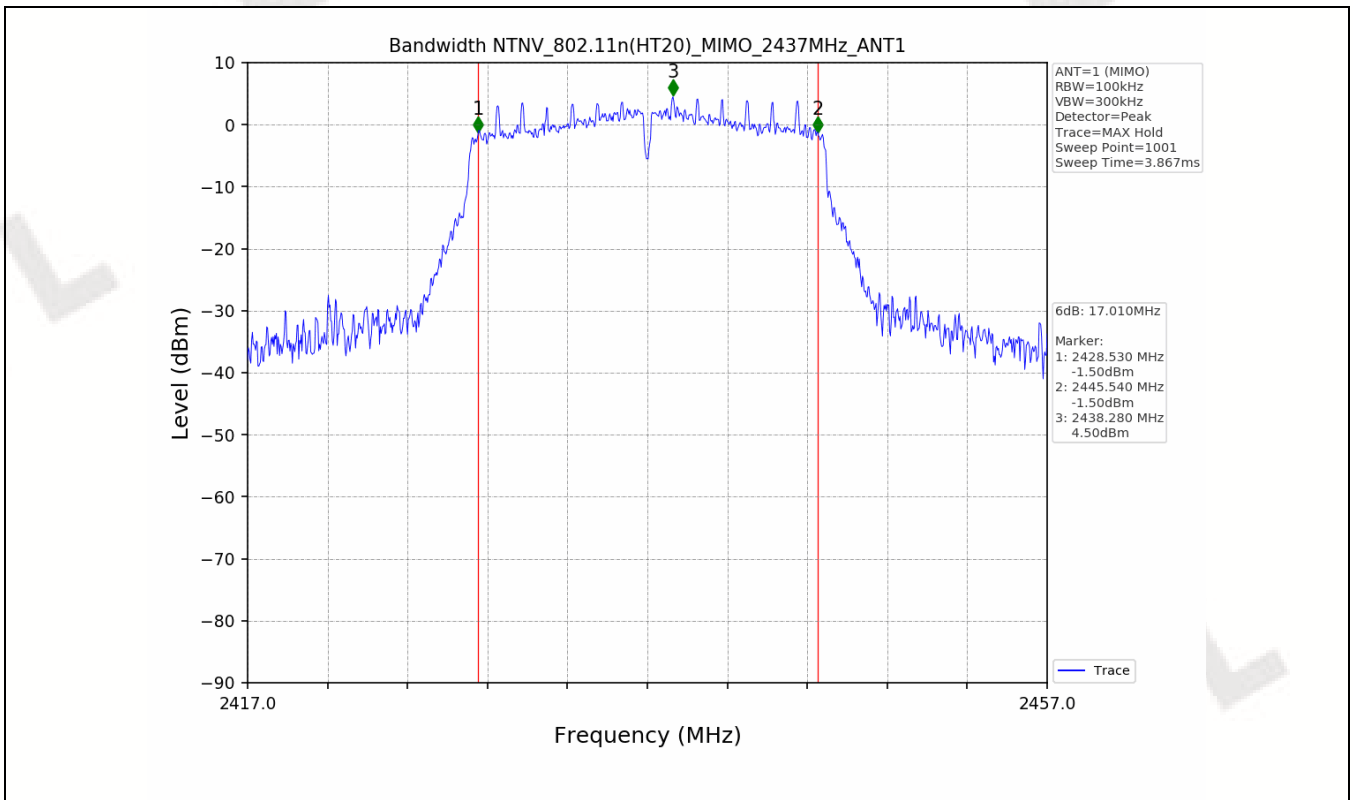
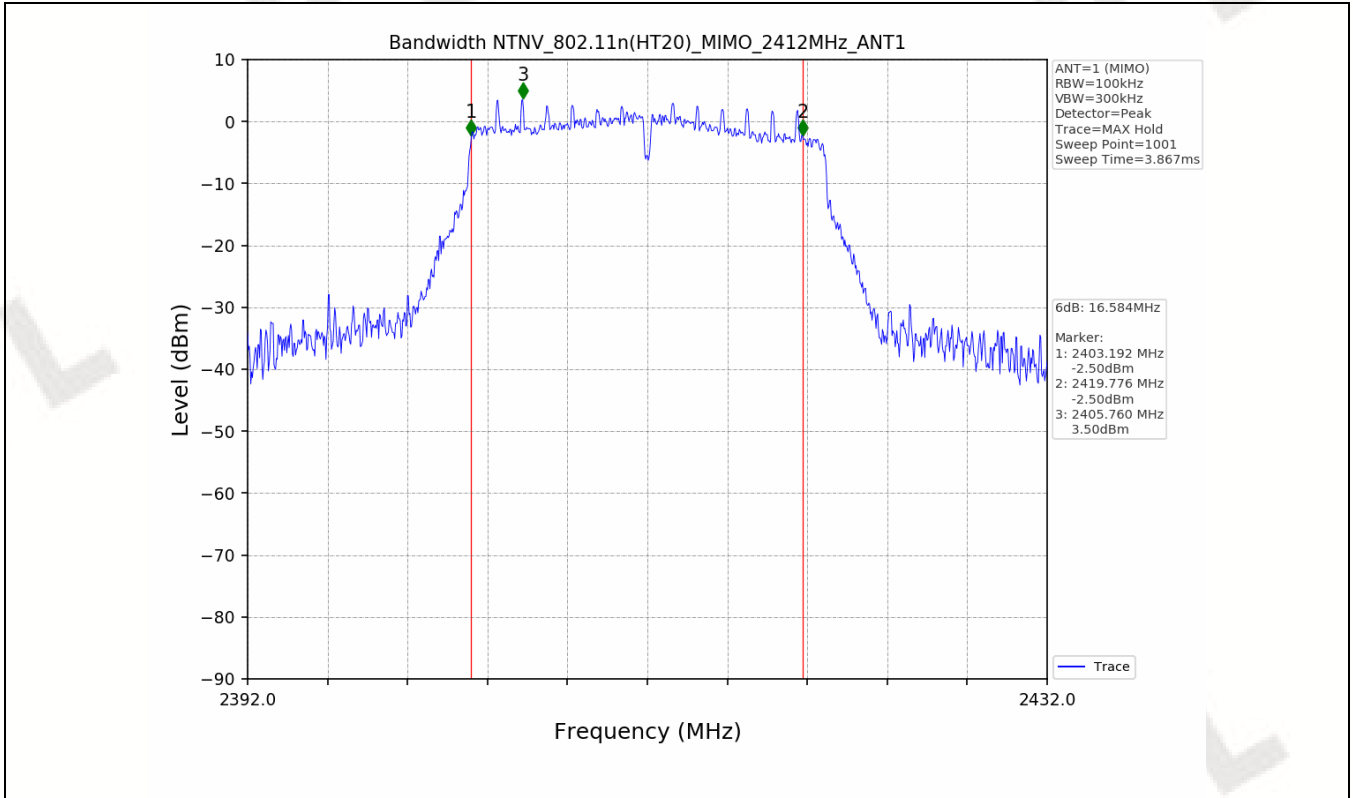
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	10.233	Only for Report Use
	2437	SISO	1	10.191	Only for Report Use
	2462	SISO	1	10.231	Only for Report Use
802.11g	2412	SISO	1	17.006	Only for Report Use
	2437	SISO	1	16.892	Only for Report Use
	2462	SISO	1	17.012	Only for Report Use
802.11n(HT20)	2412	MIMO	1	18.143	Only for Report Use
	2437	MIMO	1	18.036	Only for Report Use
	2462	MIMO	1	18.148	Only for Report Use

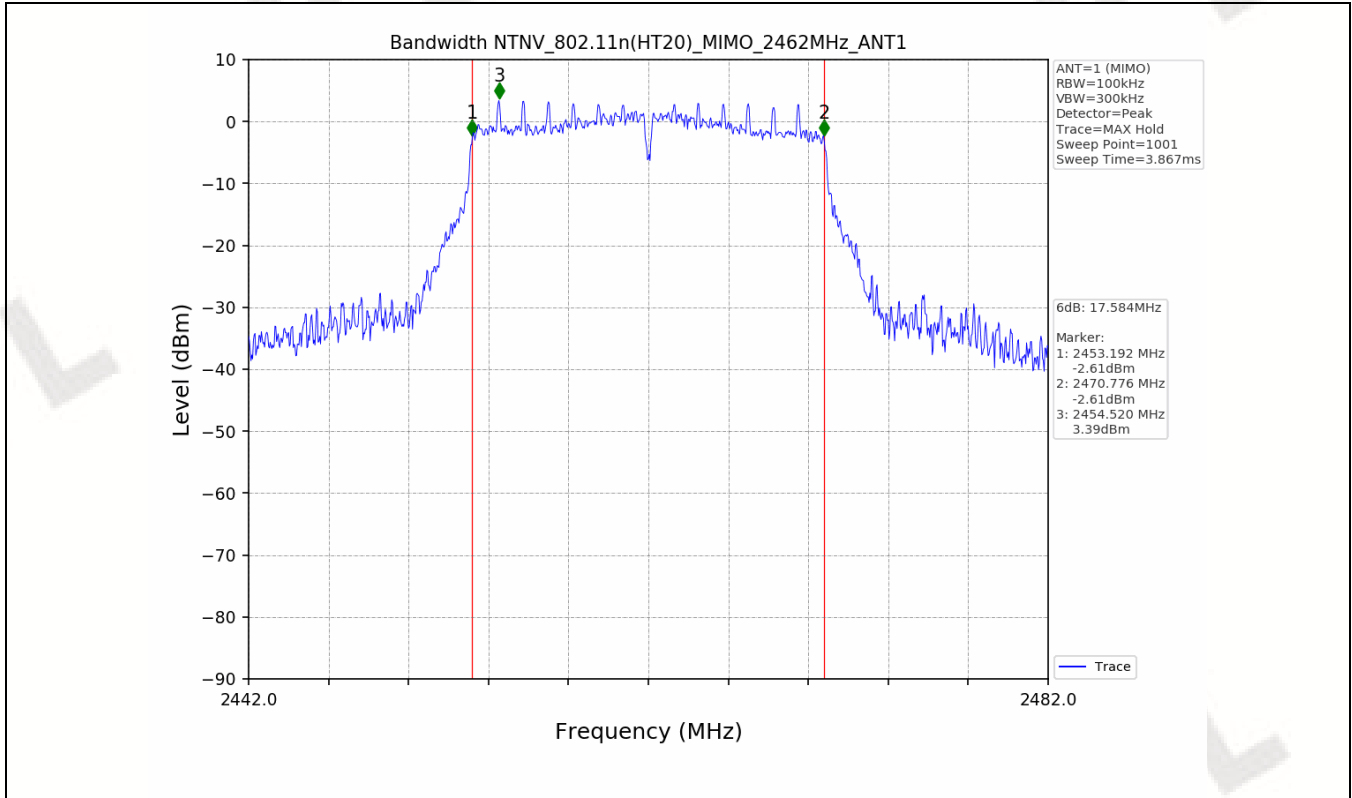
1.2 Test Graph - 6dB Bandwidth



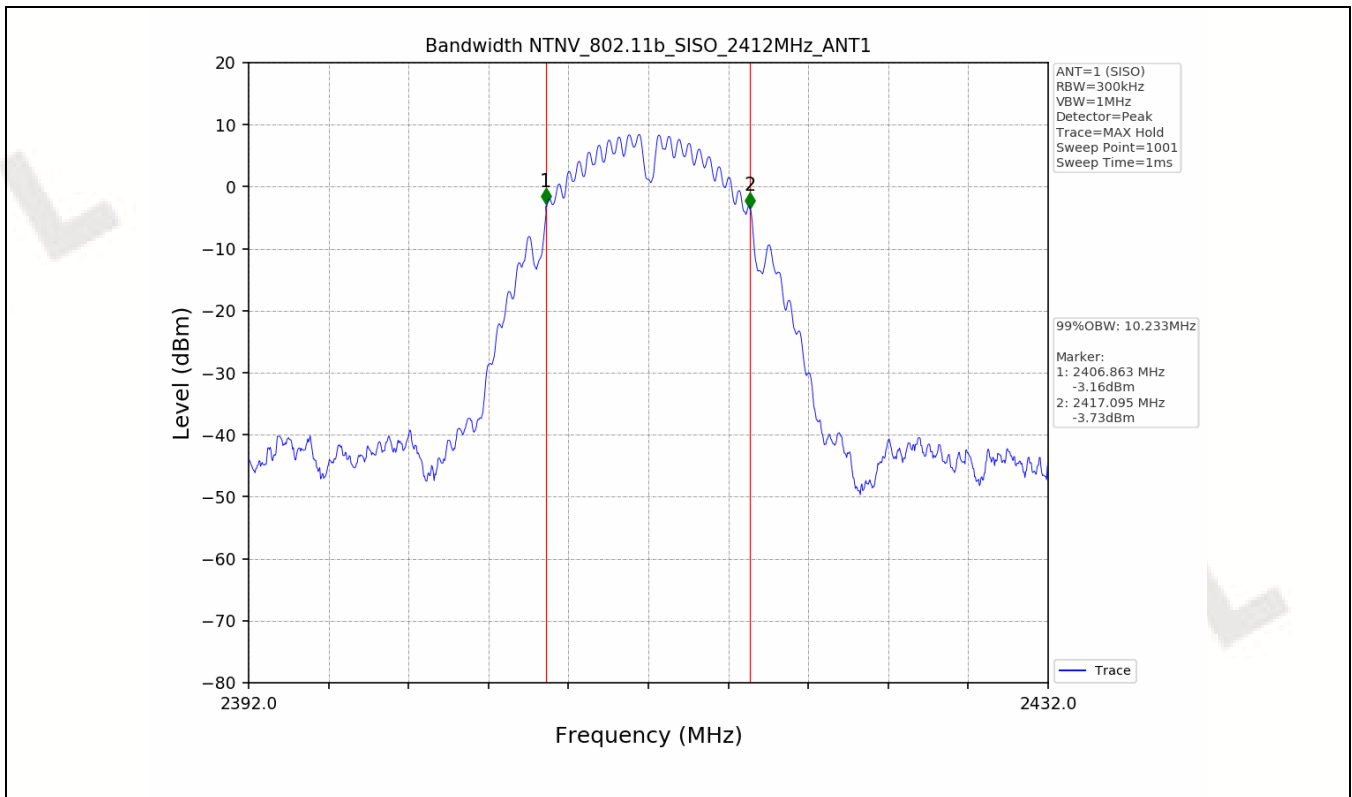


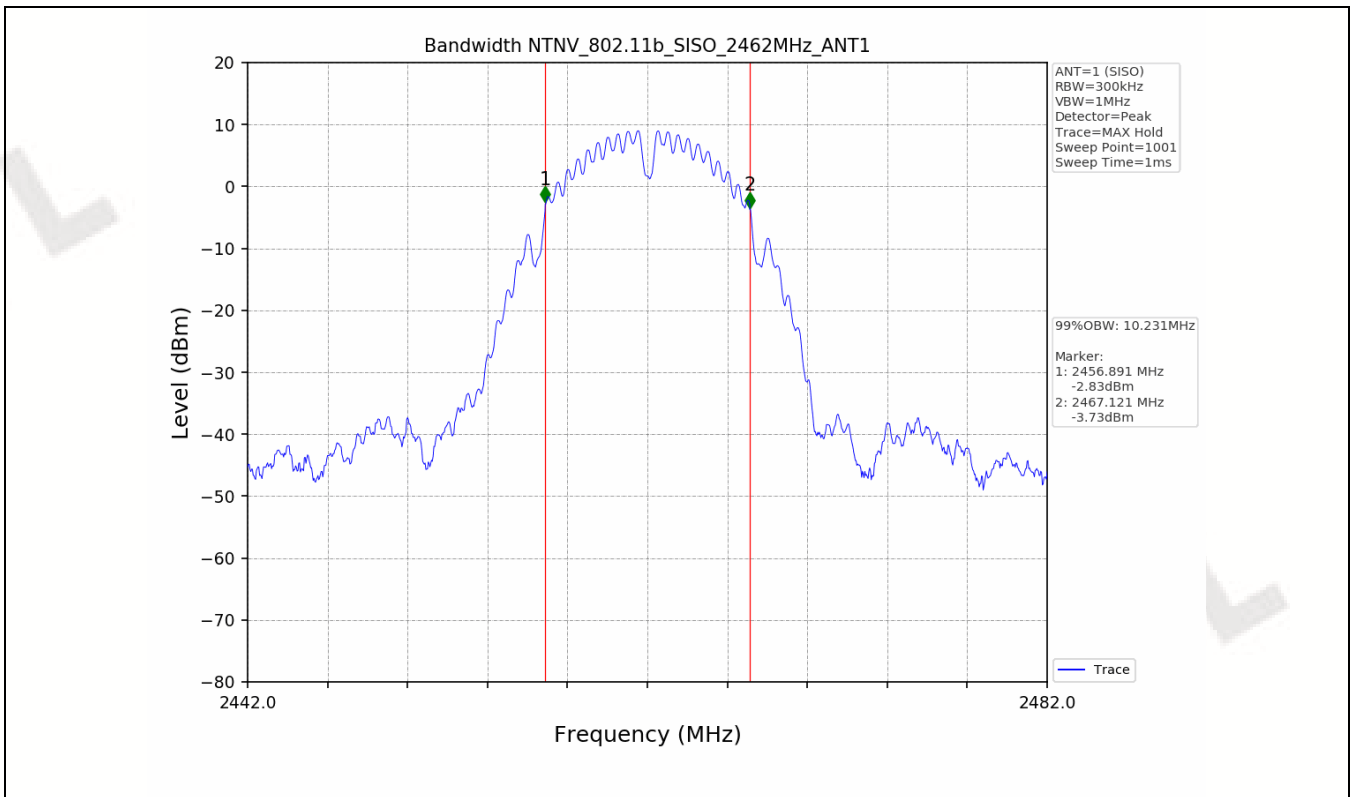
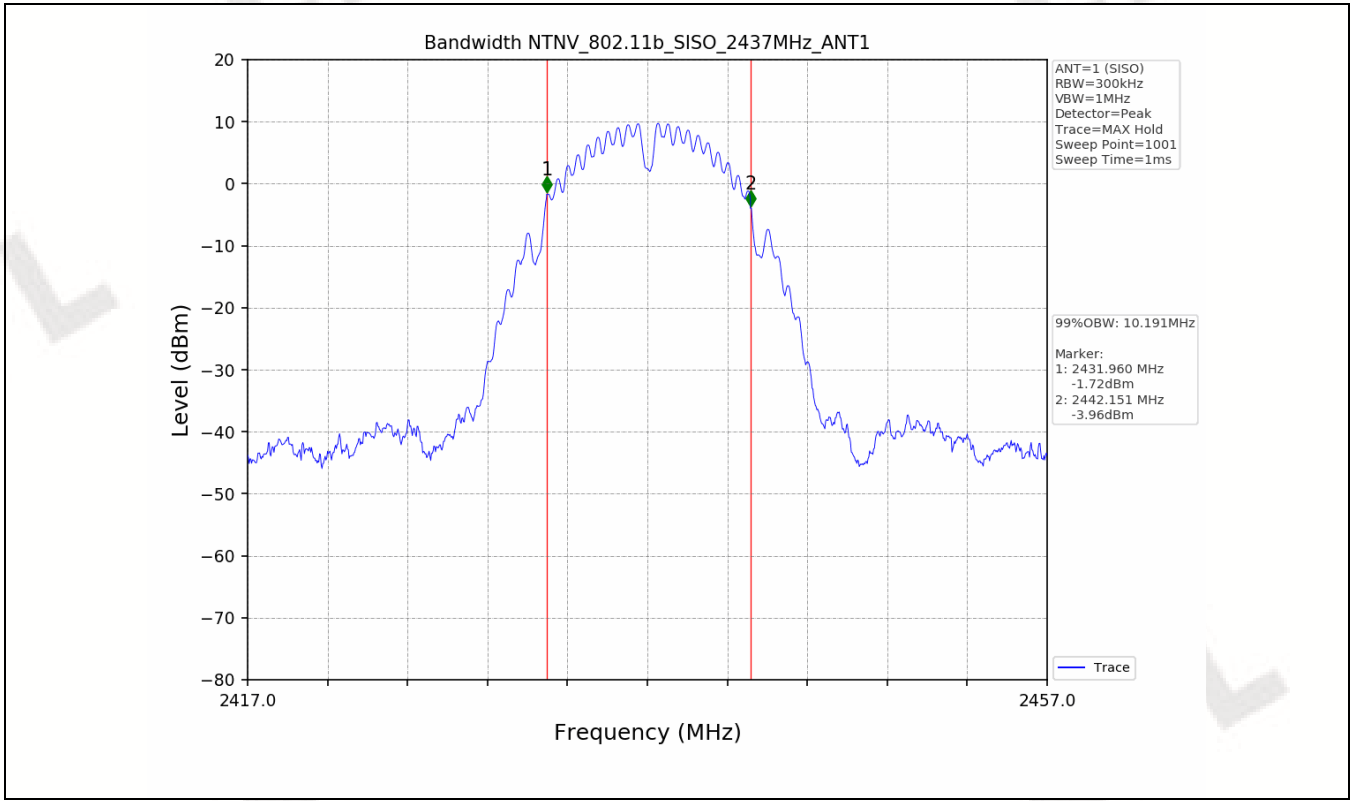


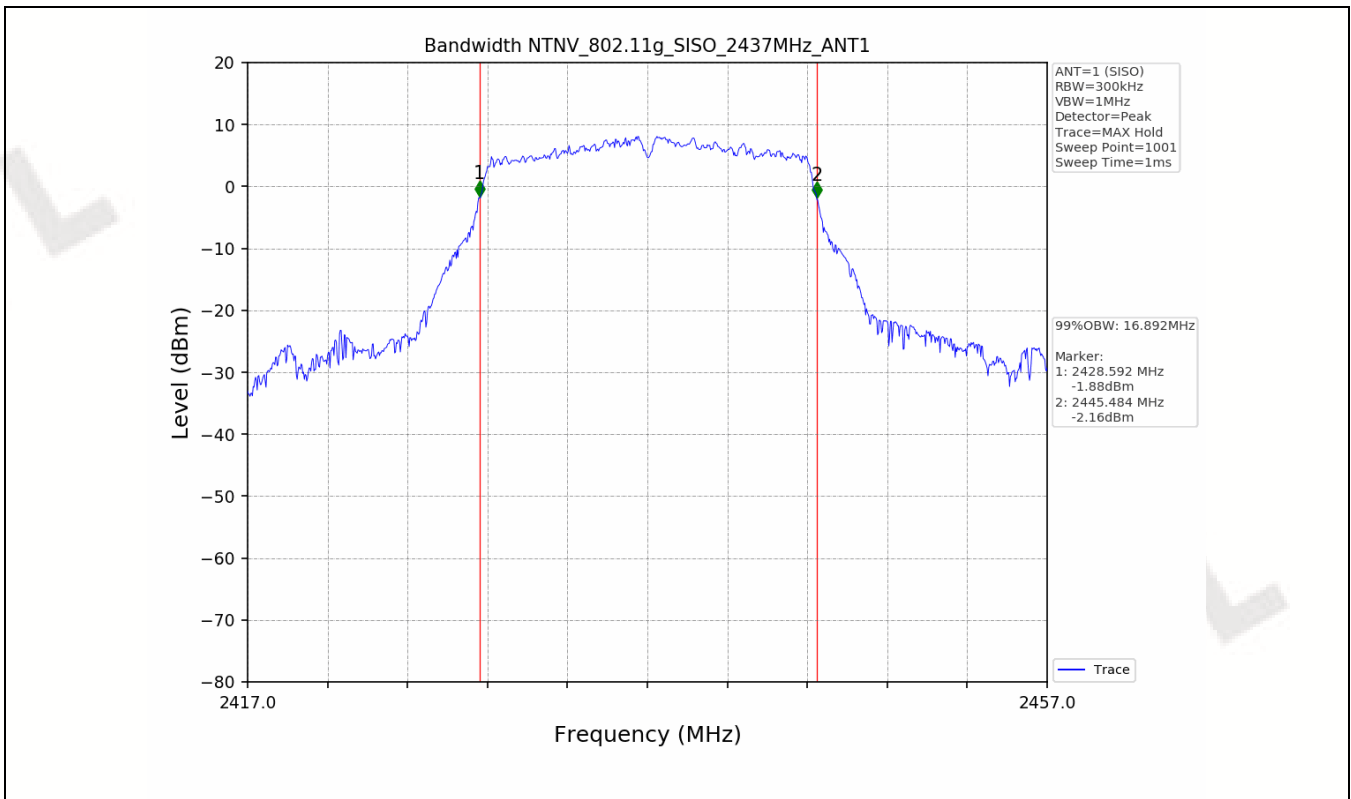
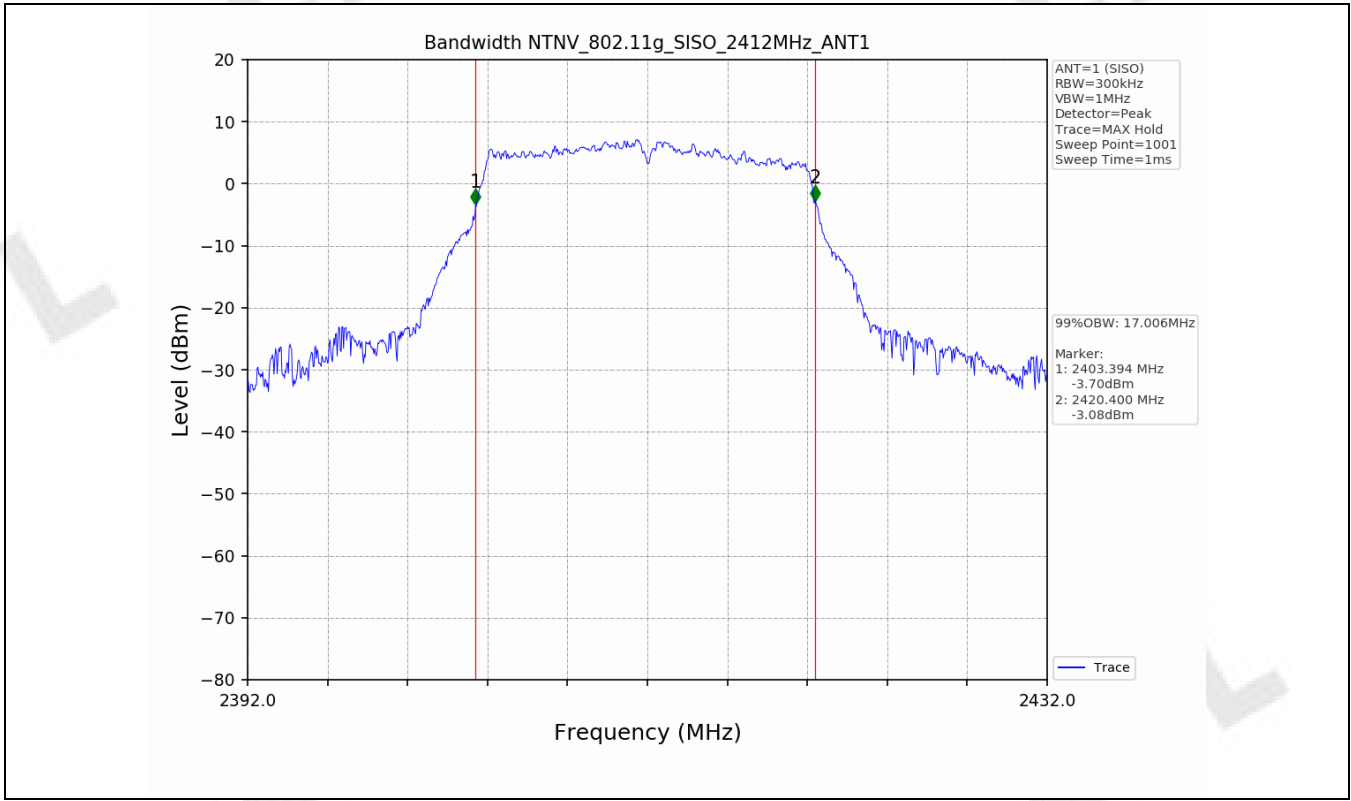


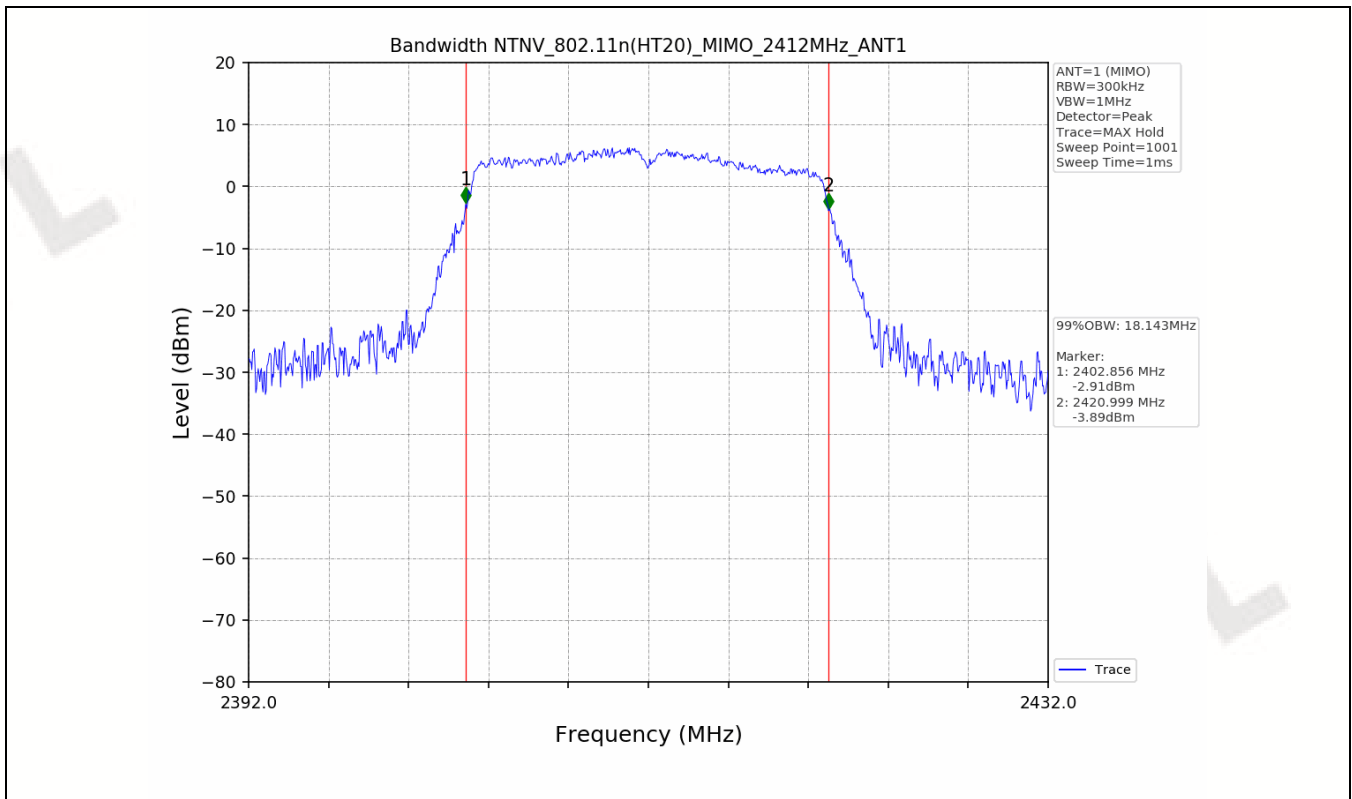
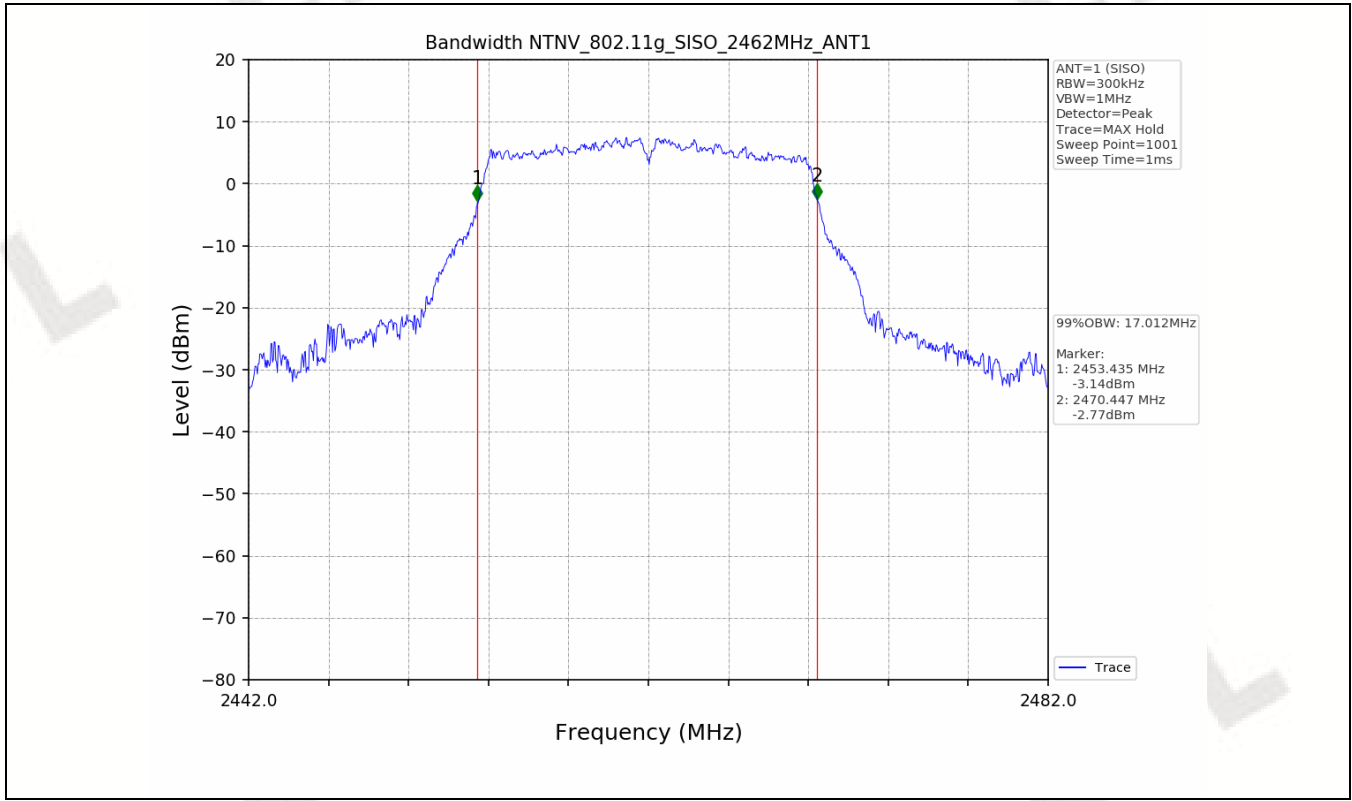


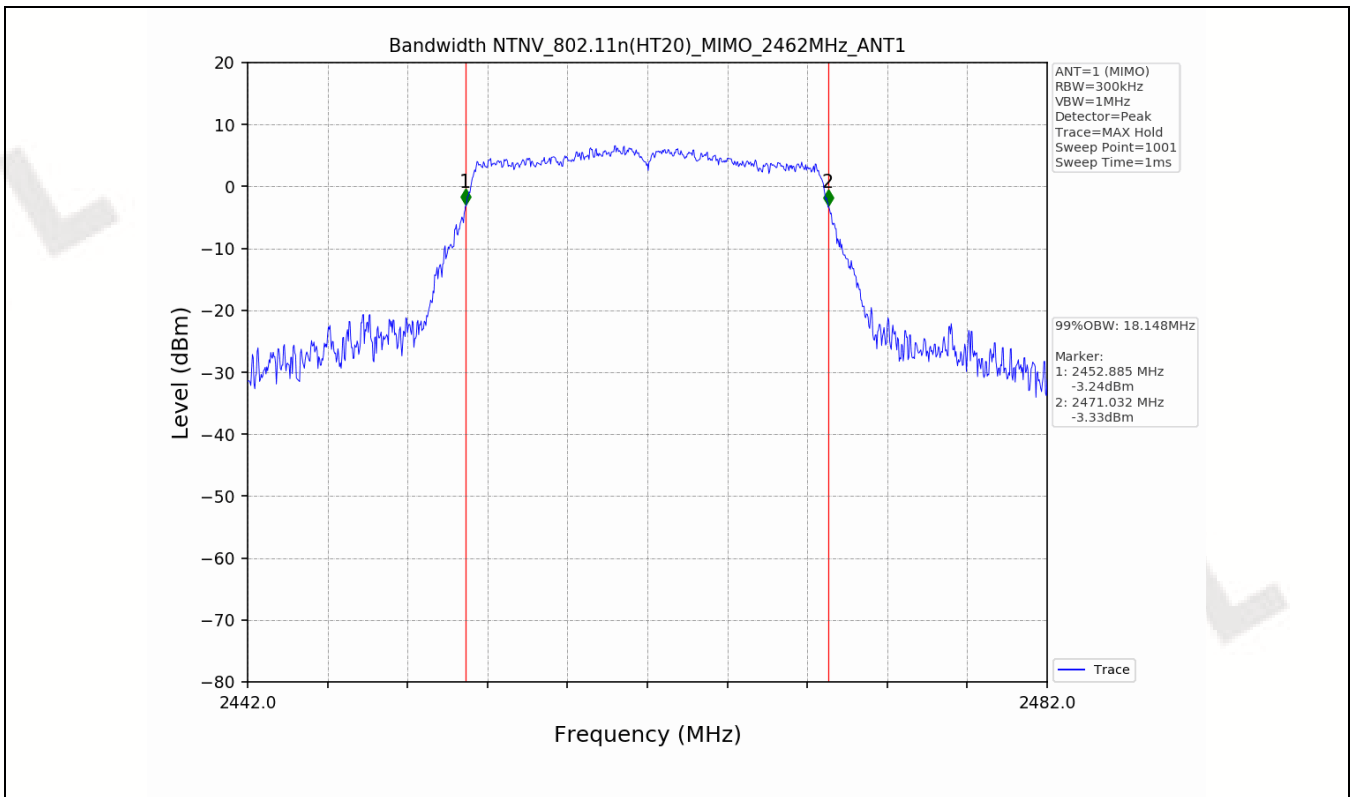
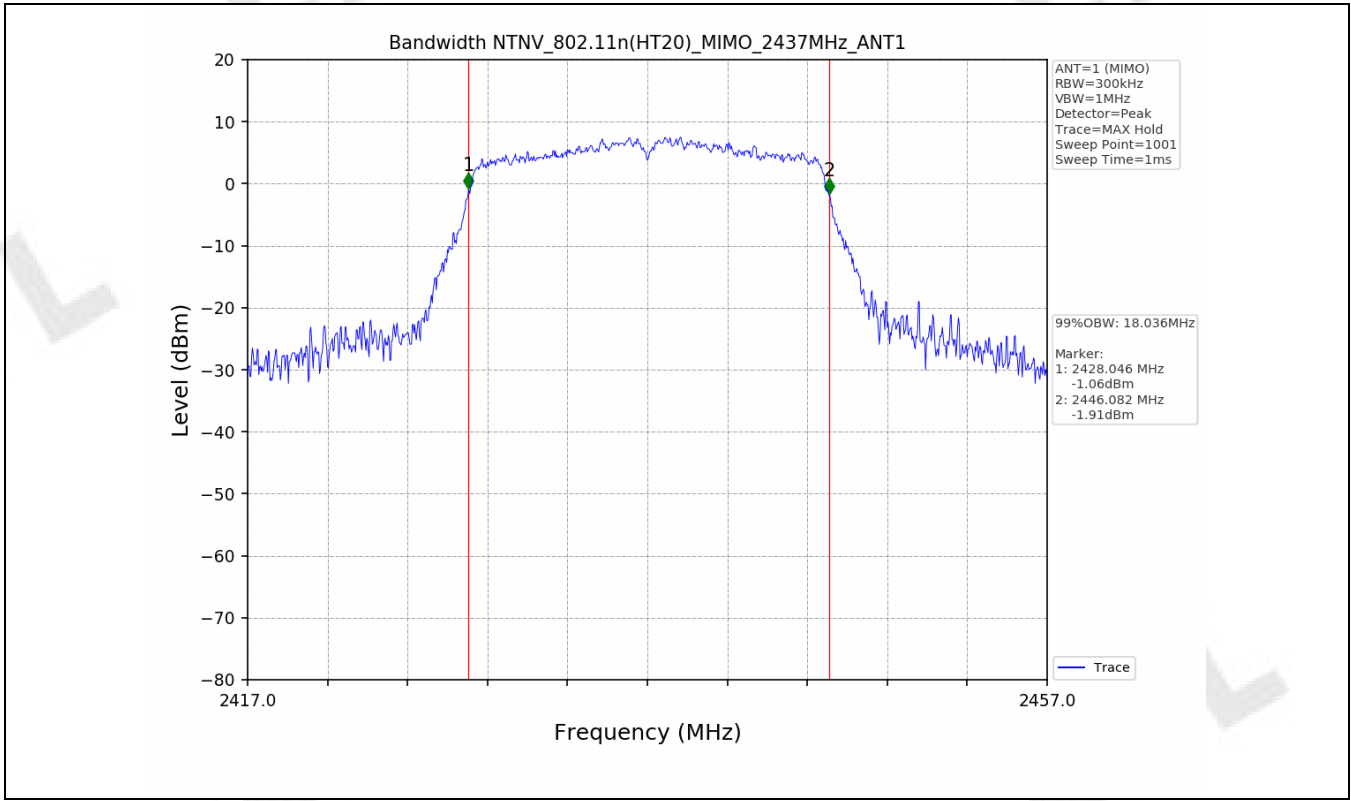
1.3 Test Graph - 99% Occupied Bandwidth









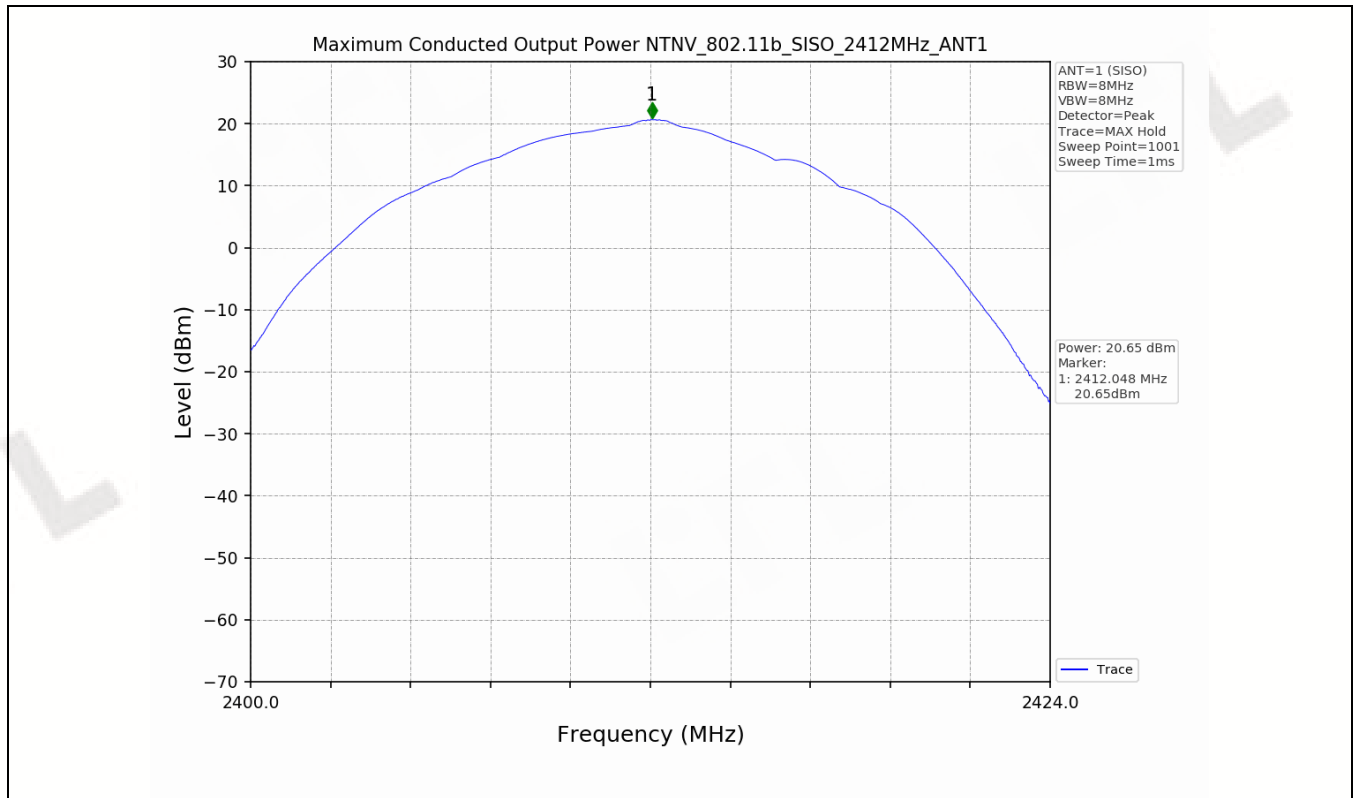


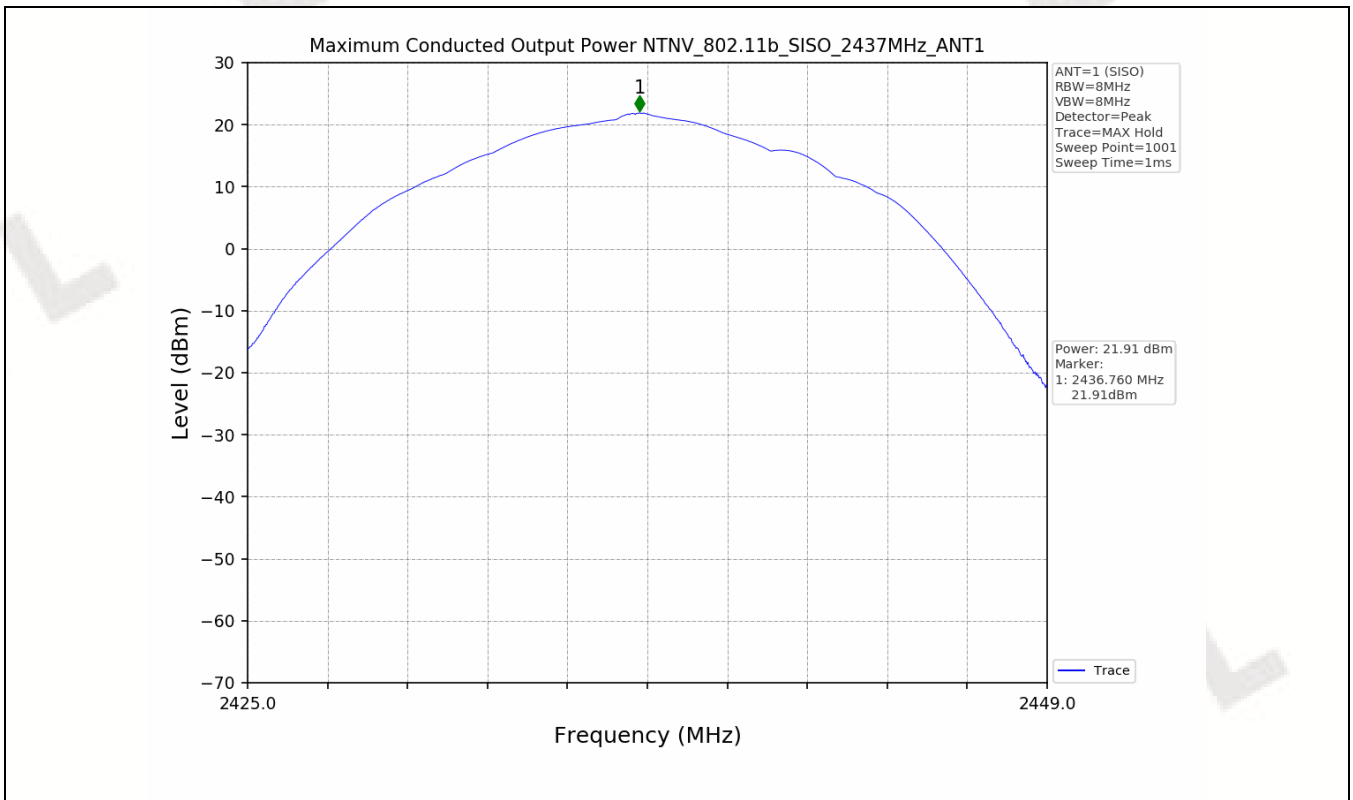
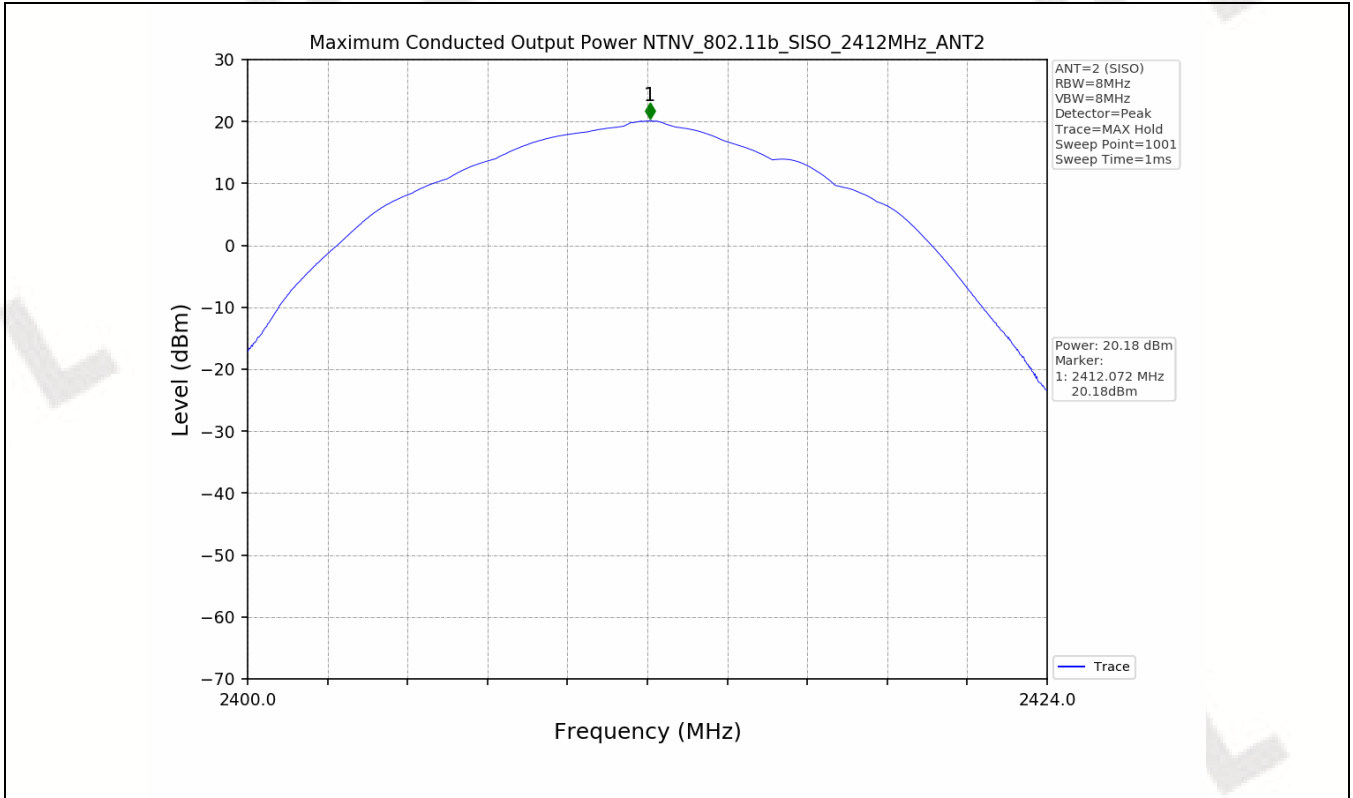
2. Maximum Conducted Output Power

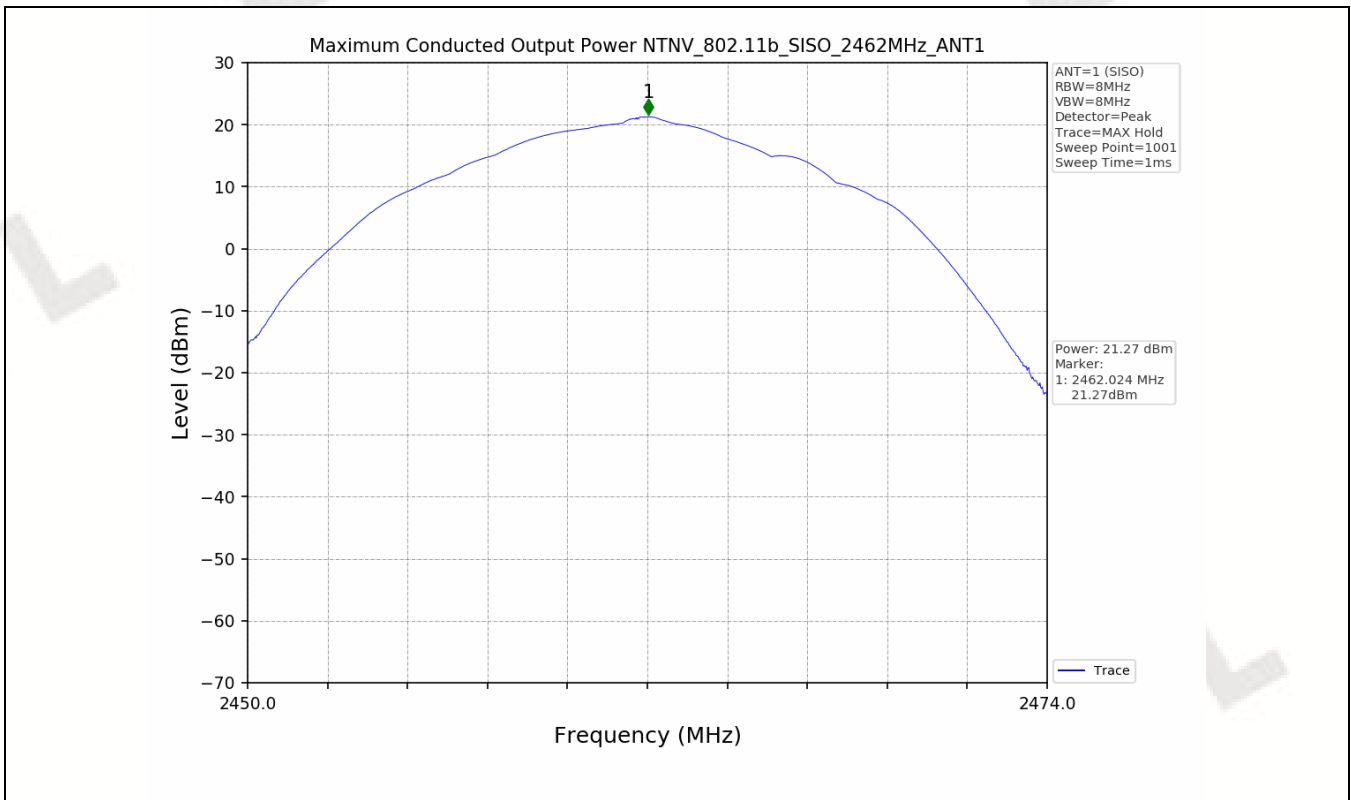
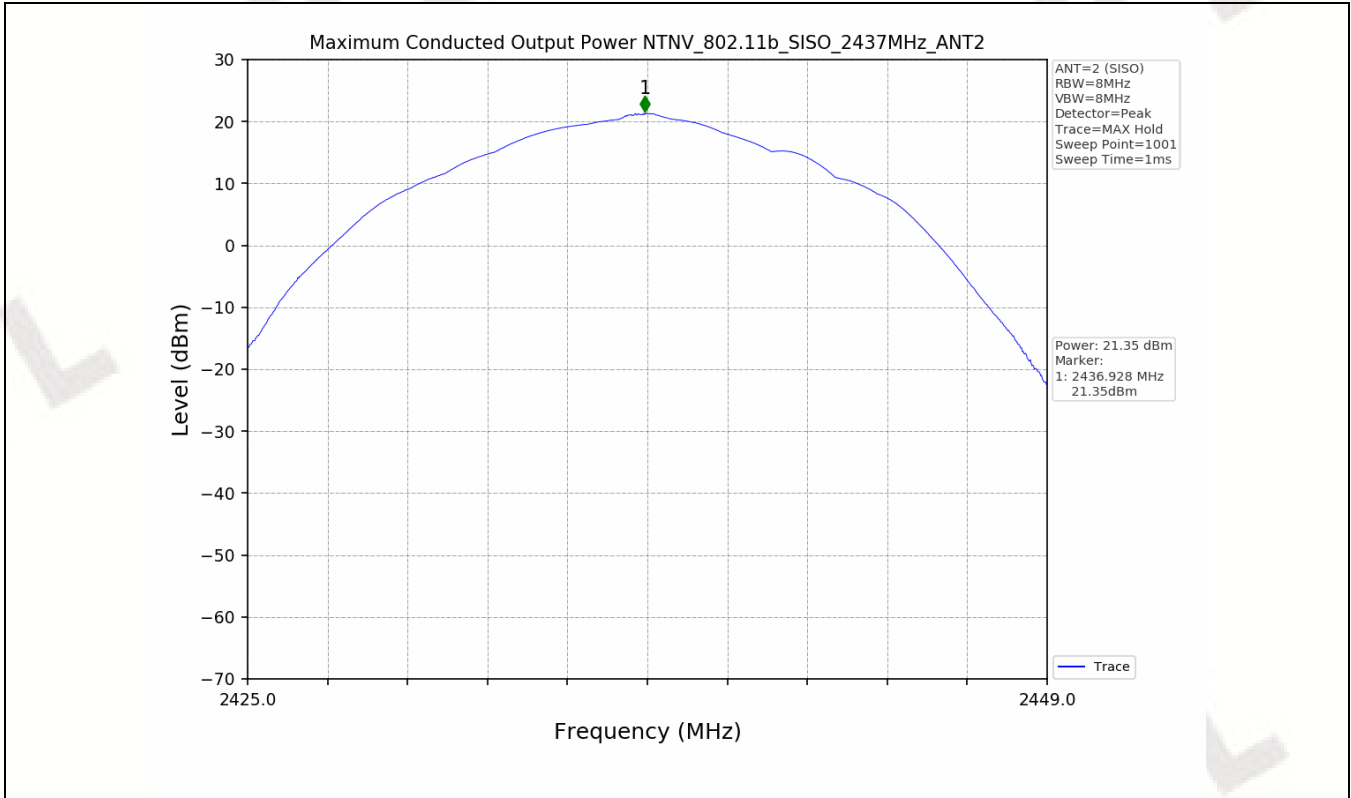
2.1 Test Result

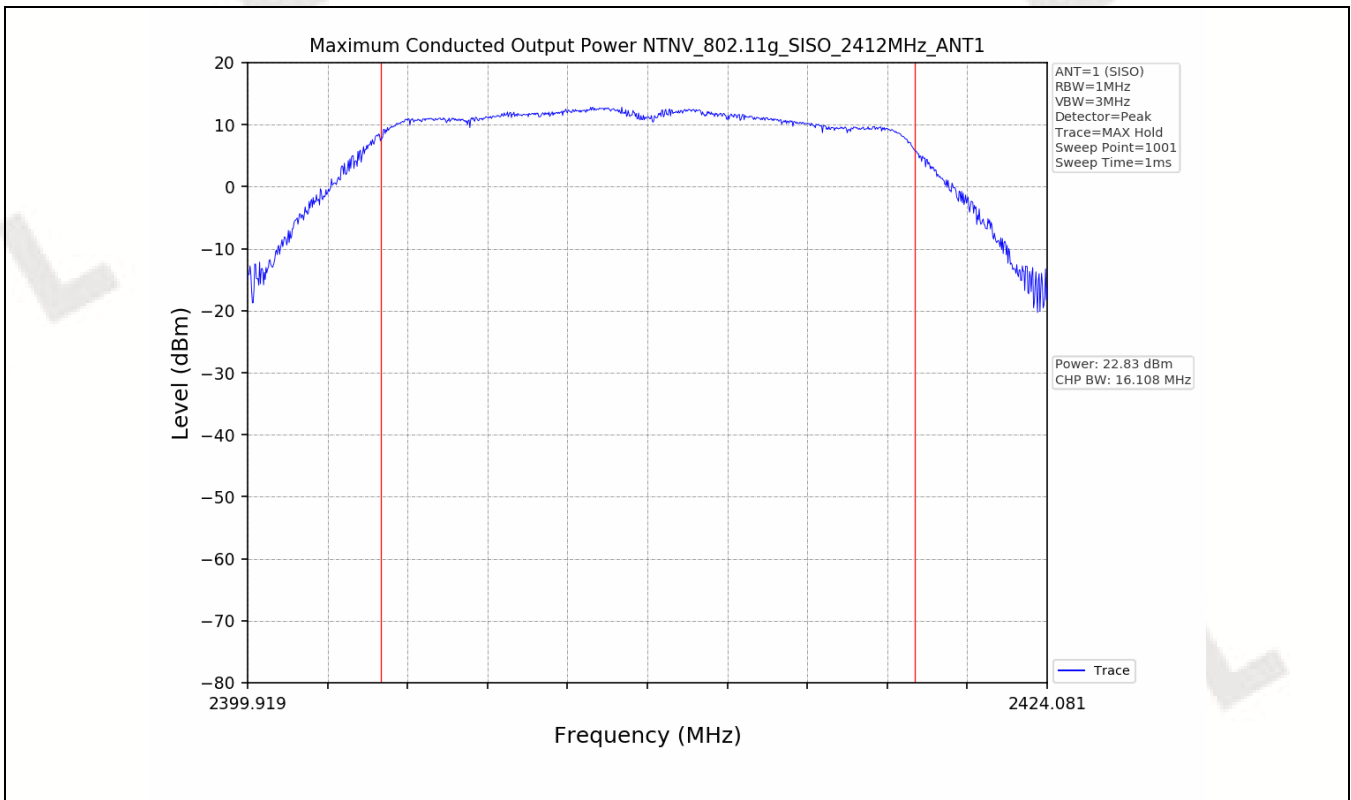
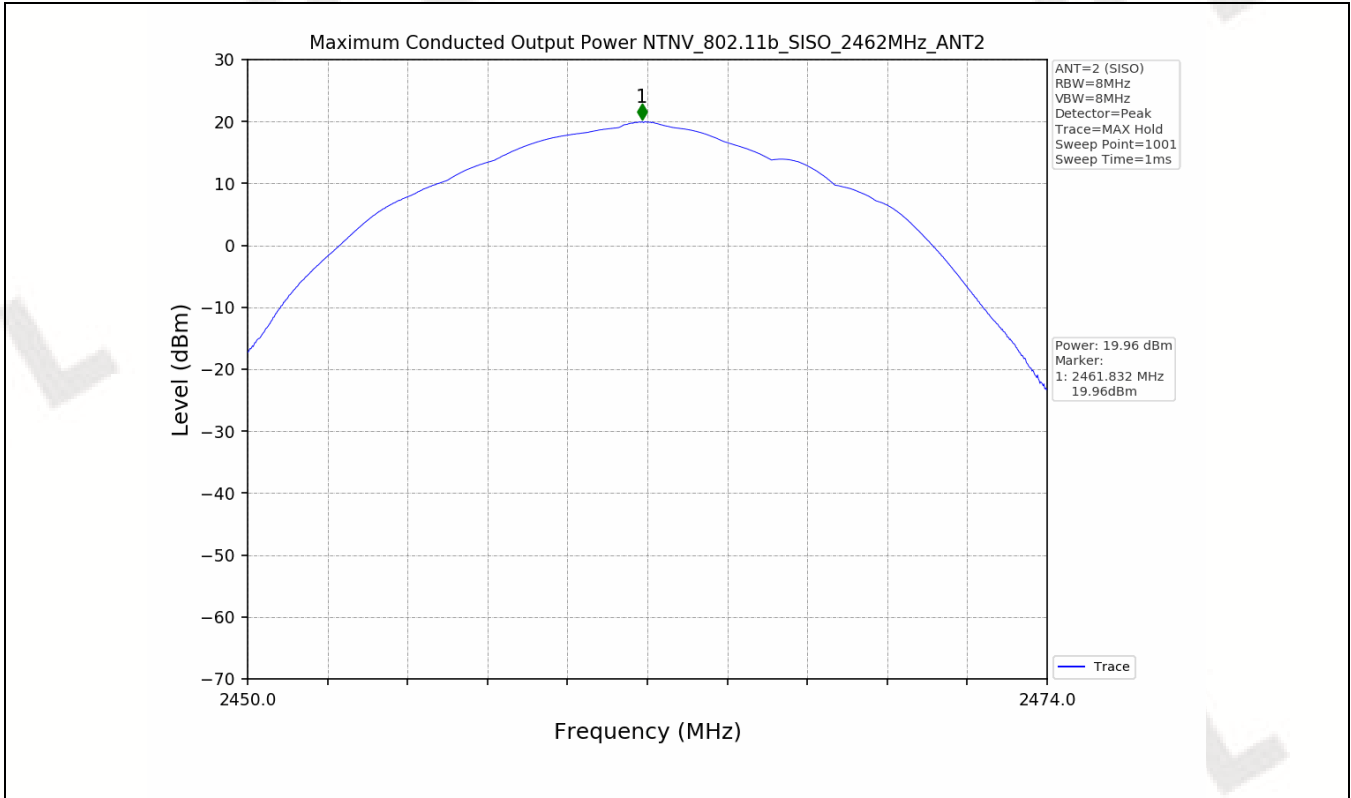
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)			Limits (dBm)	Verdict
			Ant 1	Ant 2	Total		
802.11b	2412	SISO	20.65	20.18	/	30	PASS
	2437	SISO	21.91	21.35	/	30	PASS
	2462	SISO	21.27	19.96	/	30	PASS
802.11g	2412	SISO	22.83	22.51	/	30	PASS
	2437	SISO	23.80	23.58	/	30	PASS
	2462	SISO	23.29	22.64	/	30	PASS
802.11n(HT20)	2412	MIMO	21.90	22.65	25.30	30	PASS
	2437	MIMO	23.11	23.21	26.17	30	PASS
	2462	MIMO	22.43	22.53	25.49	30	PASS

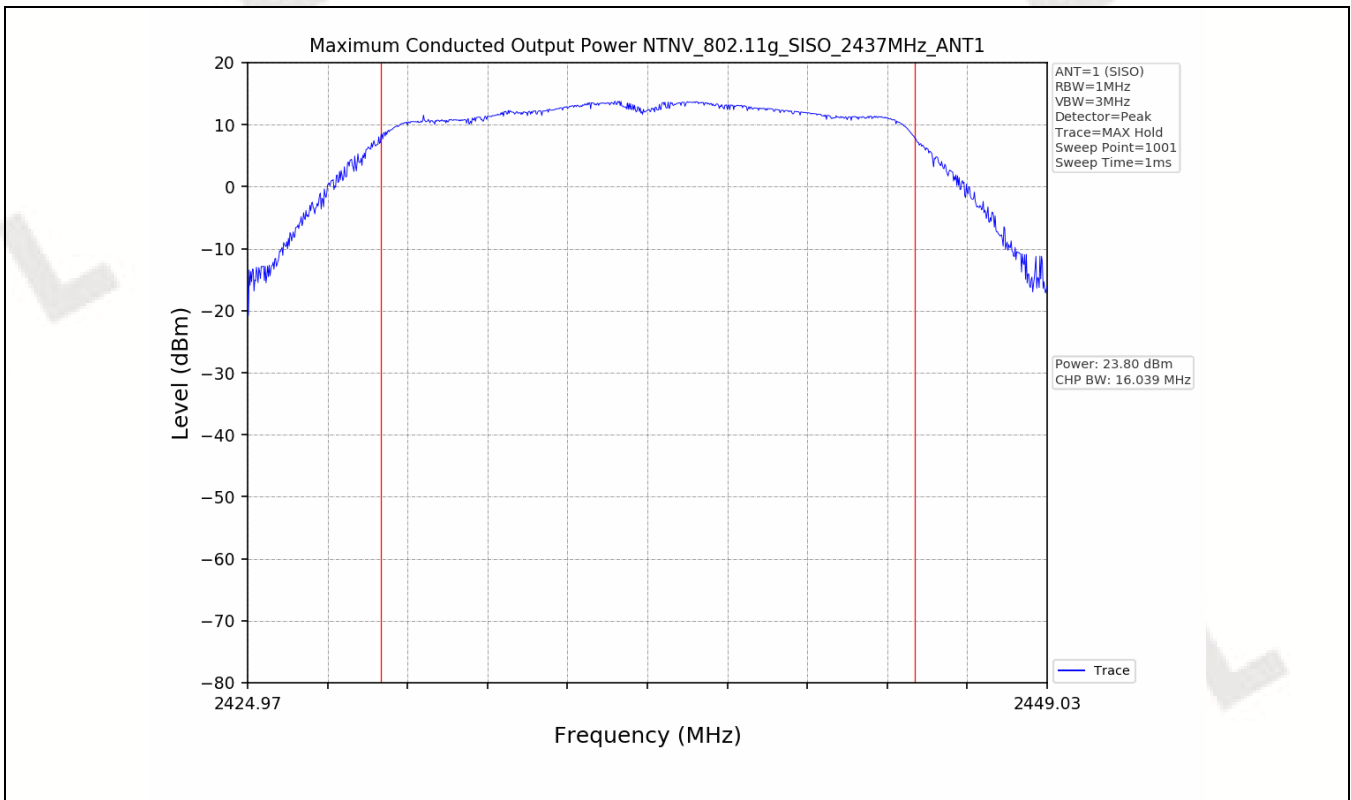
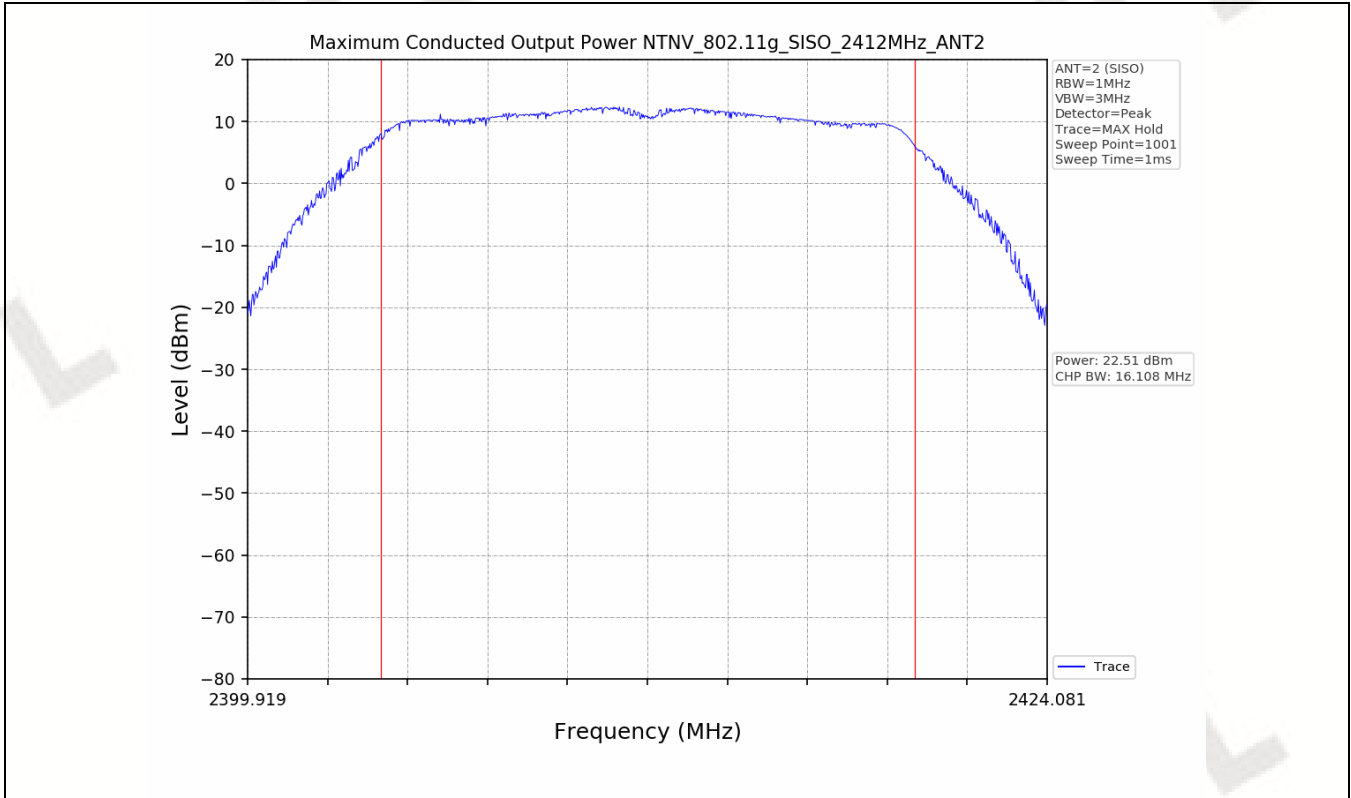
2.2 Test Graph

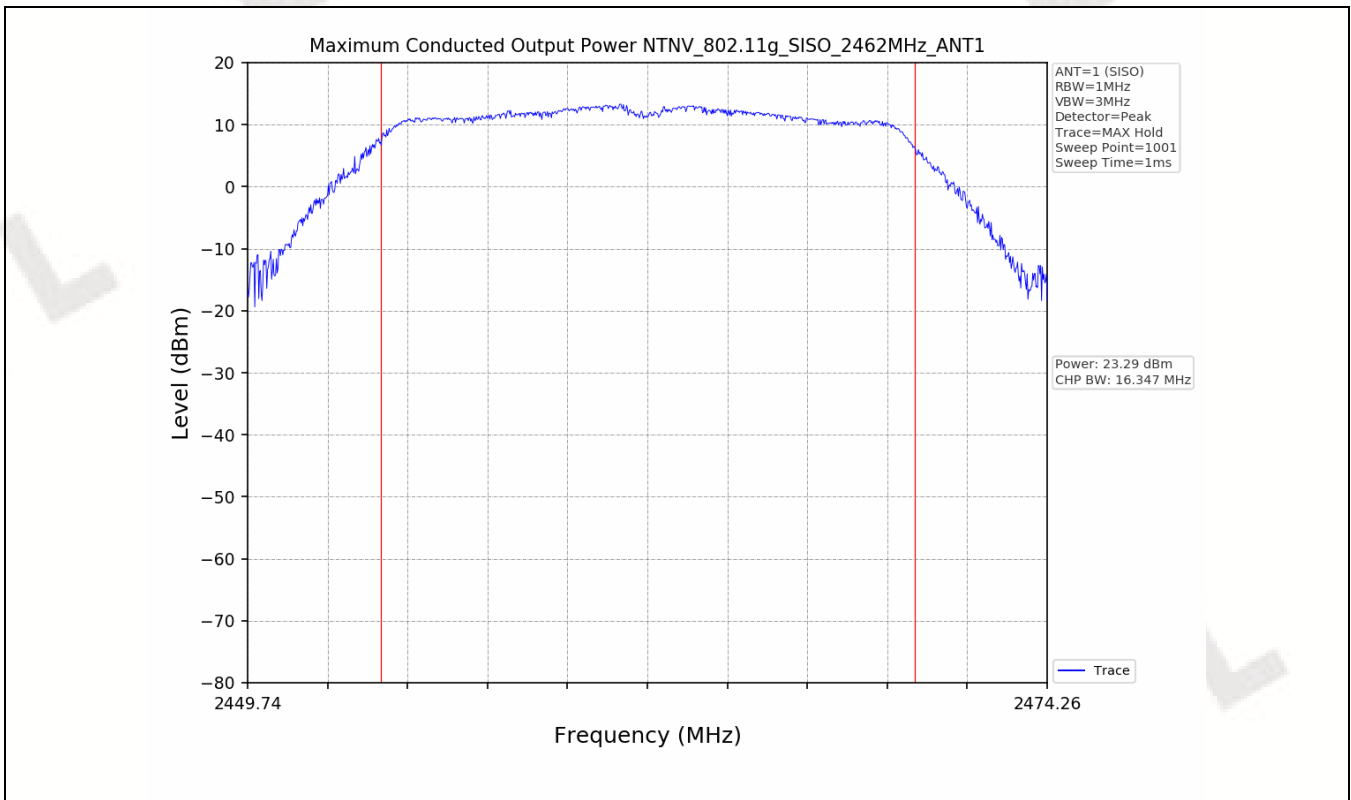
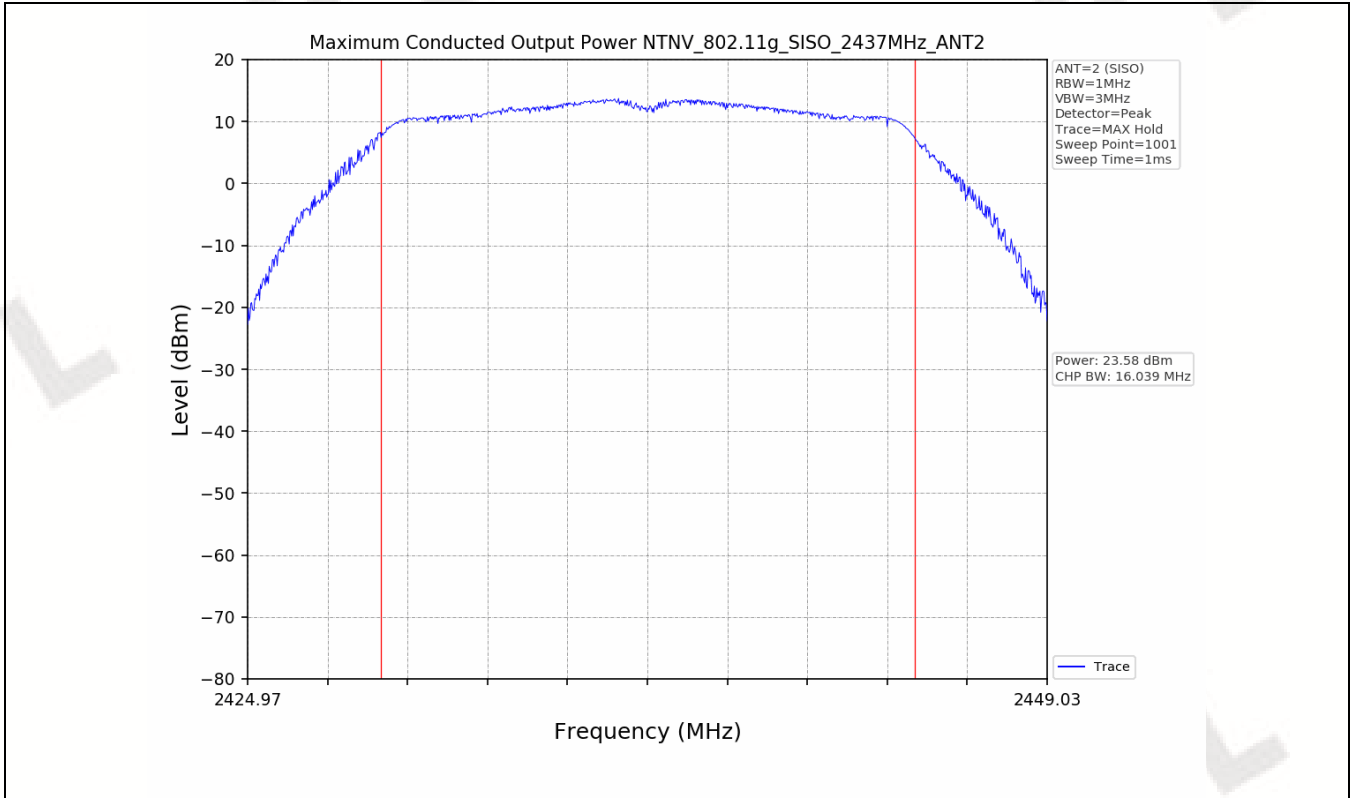


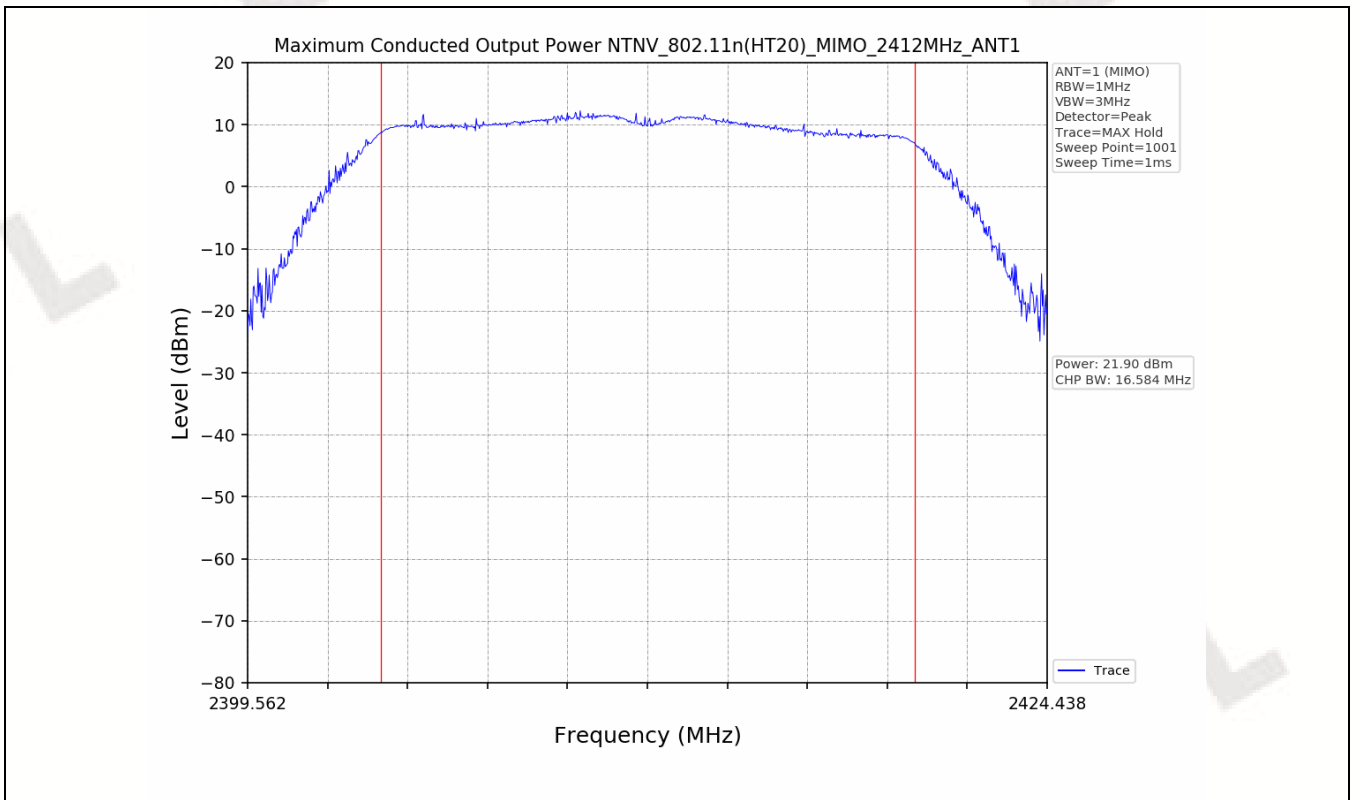
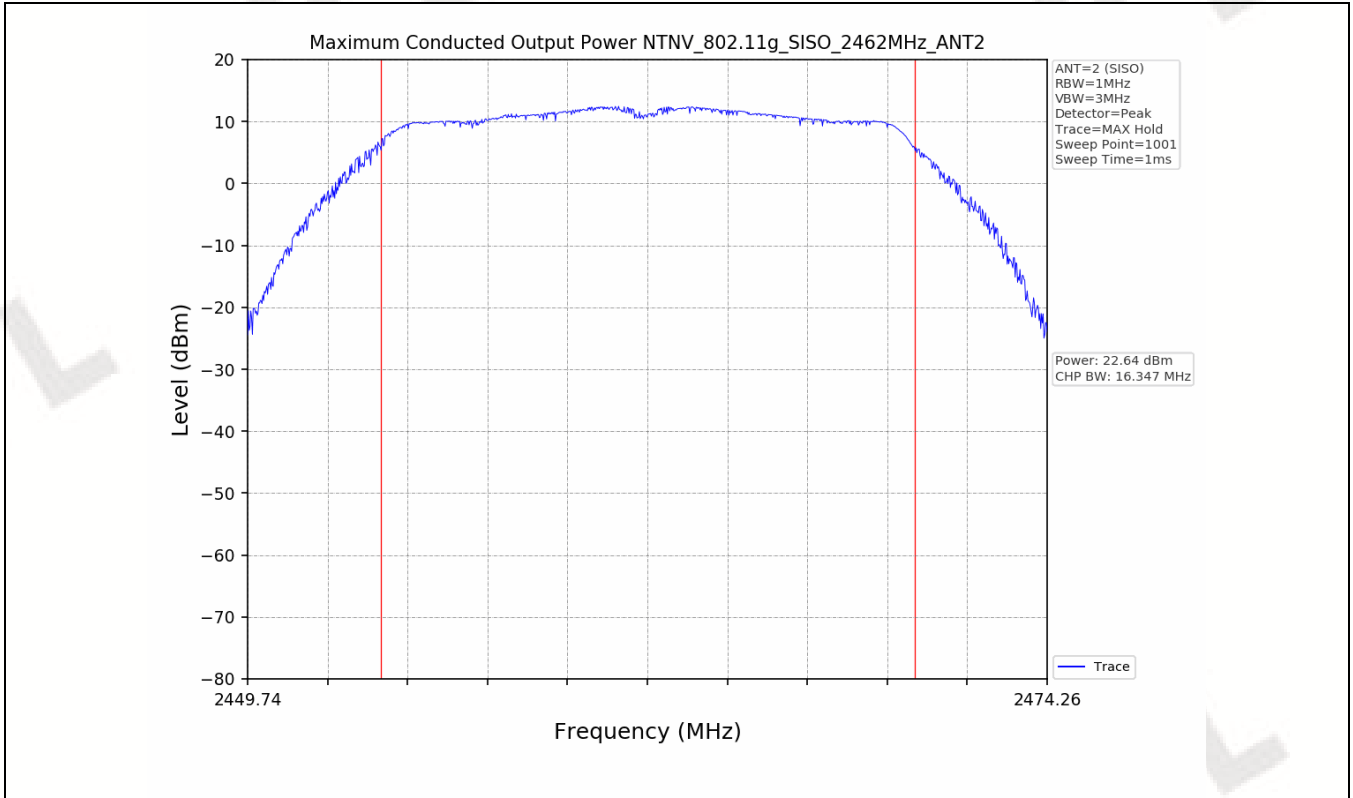


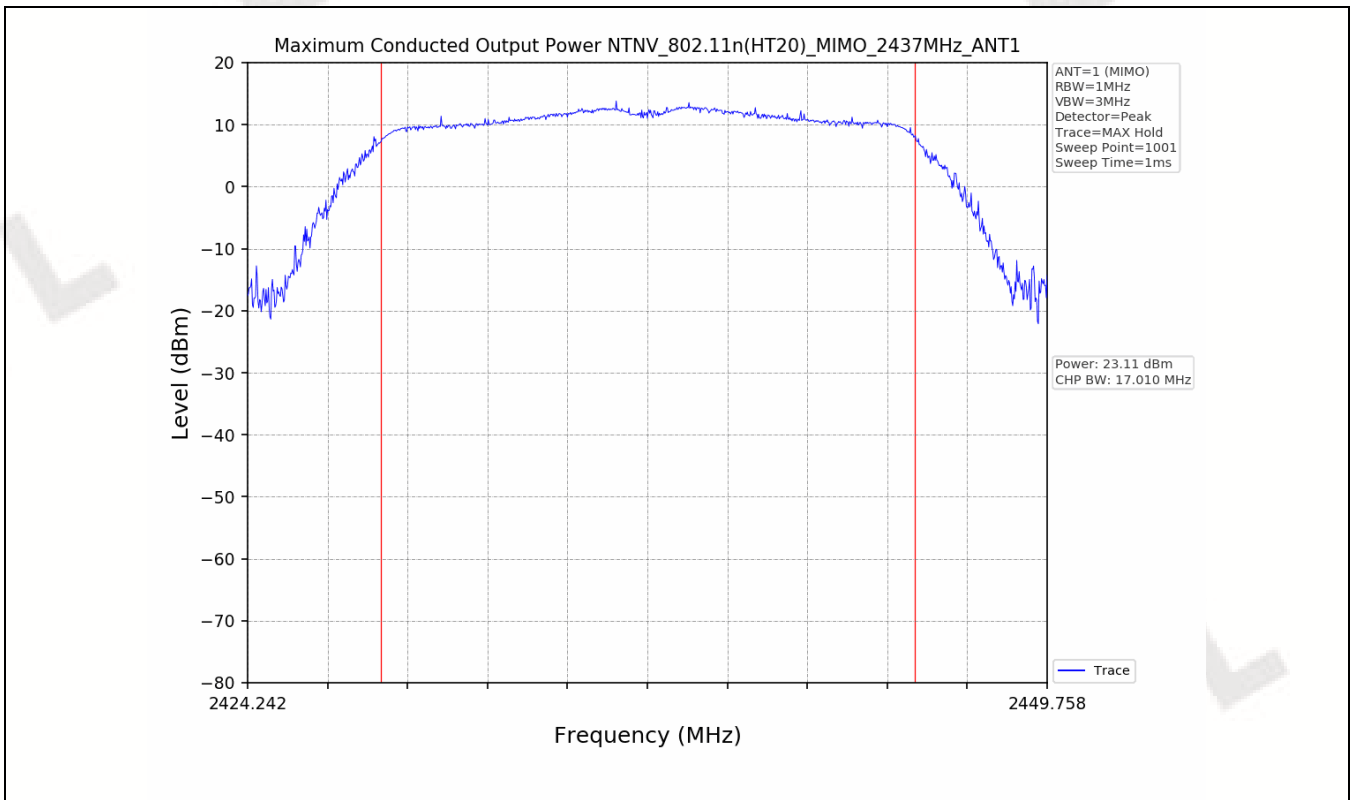
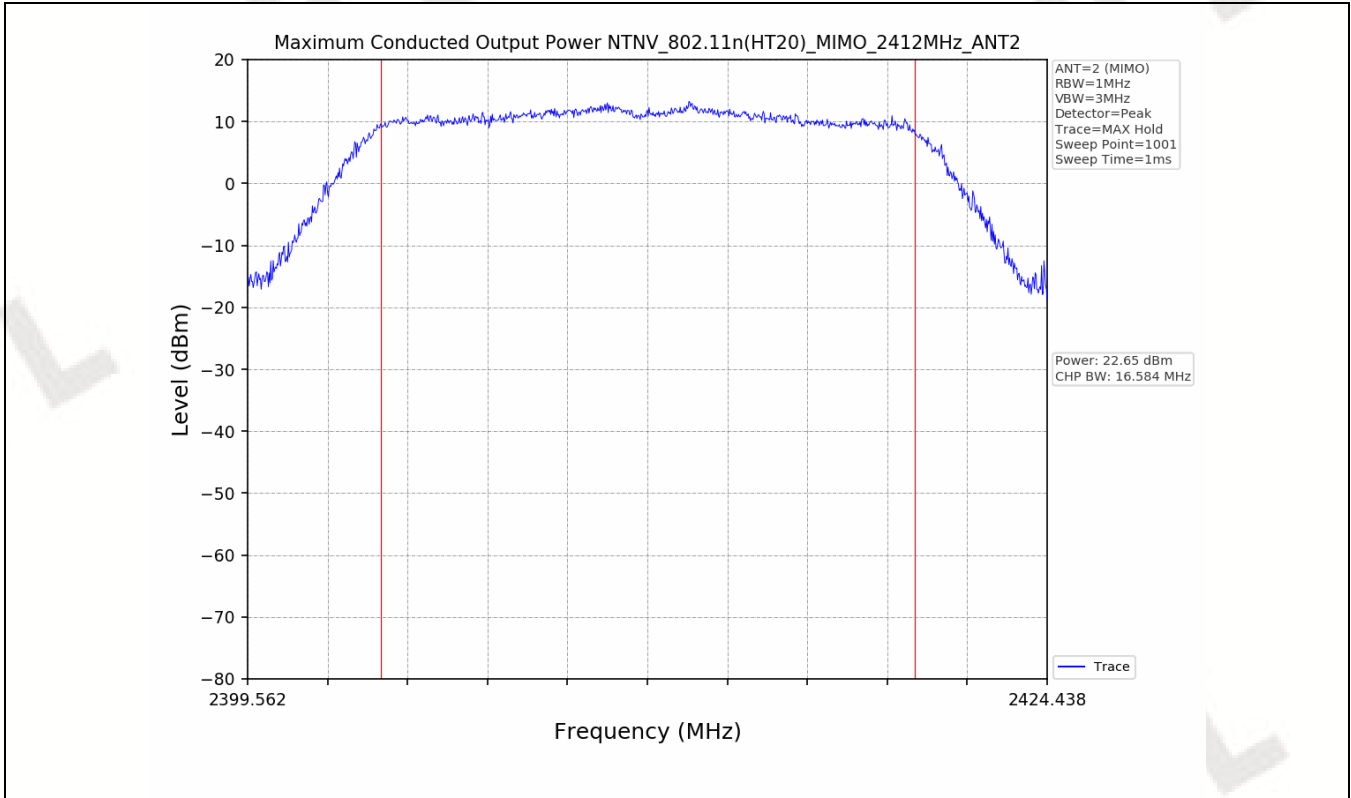


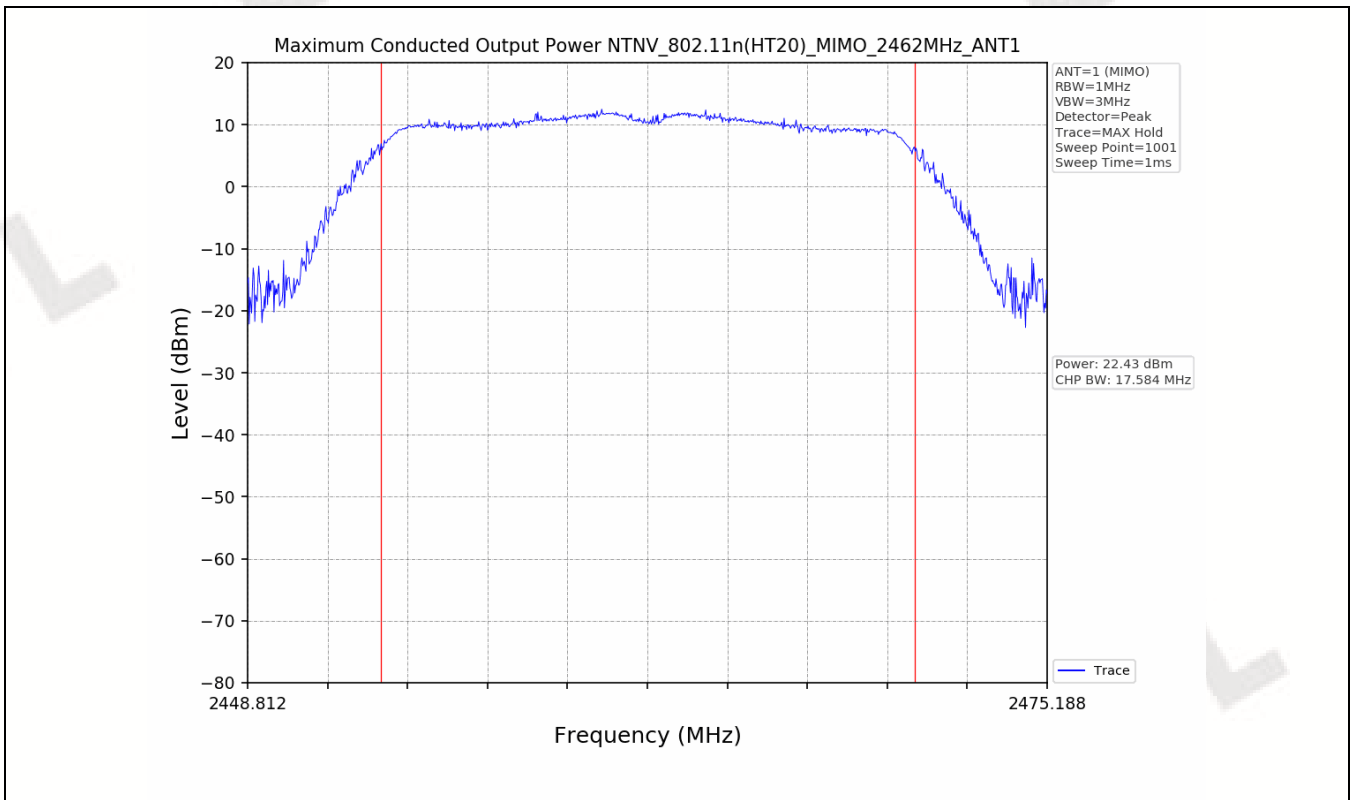
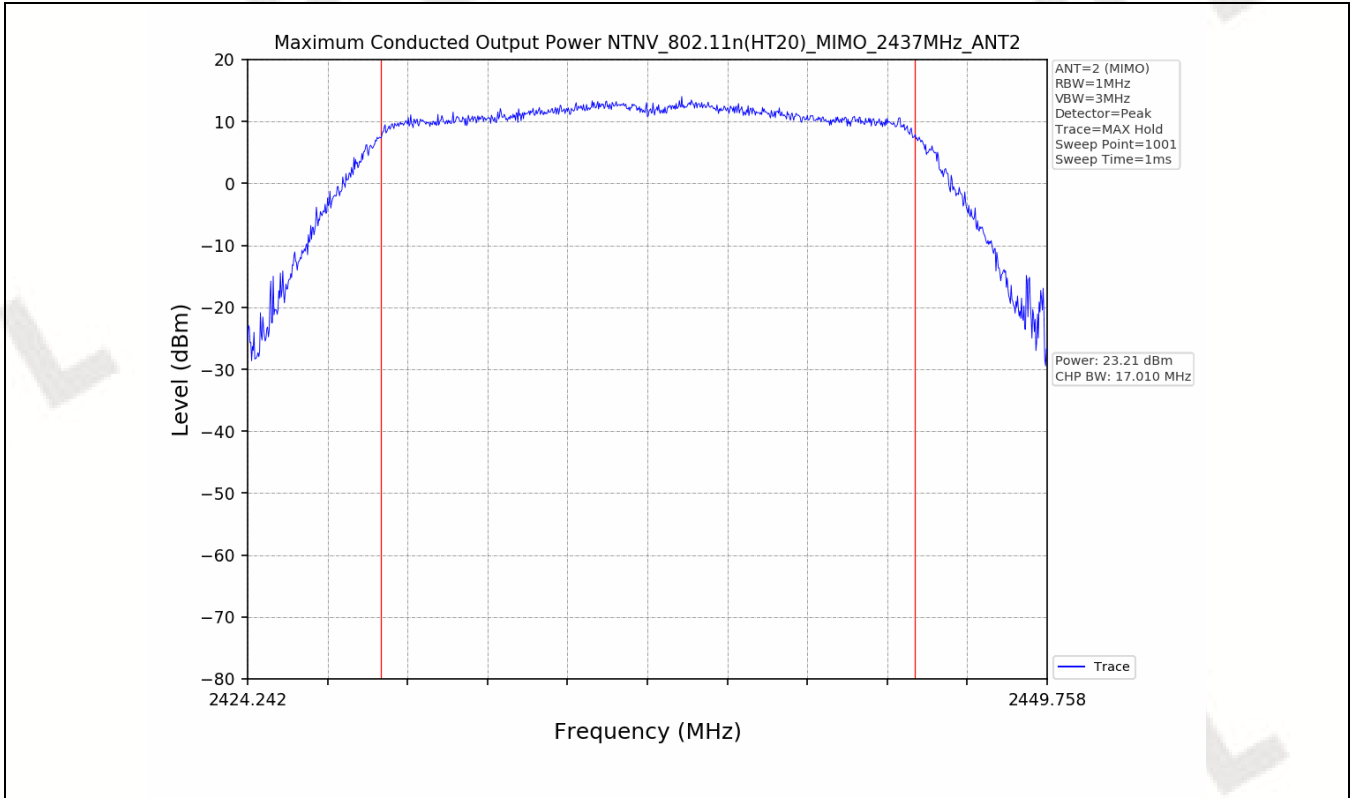


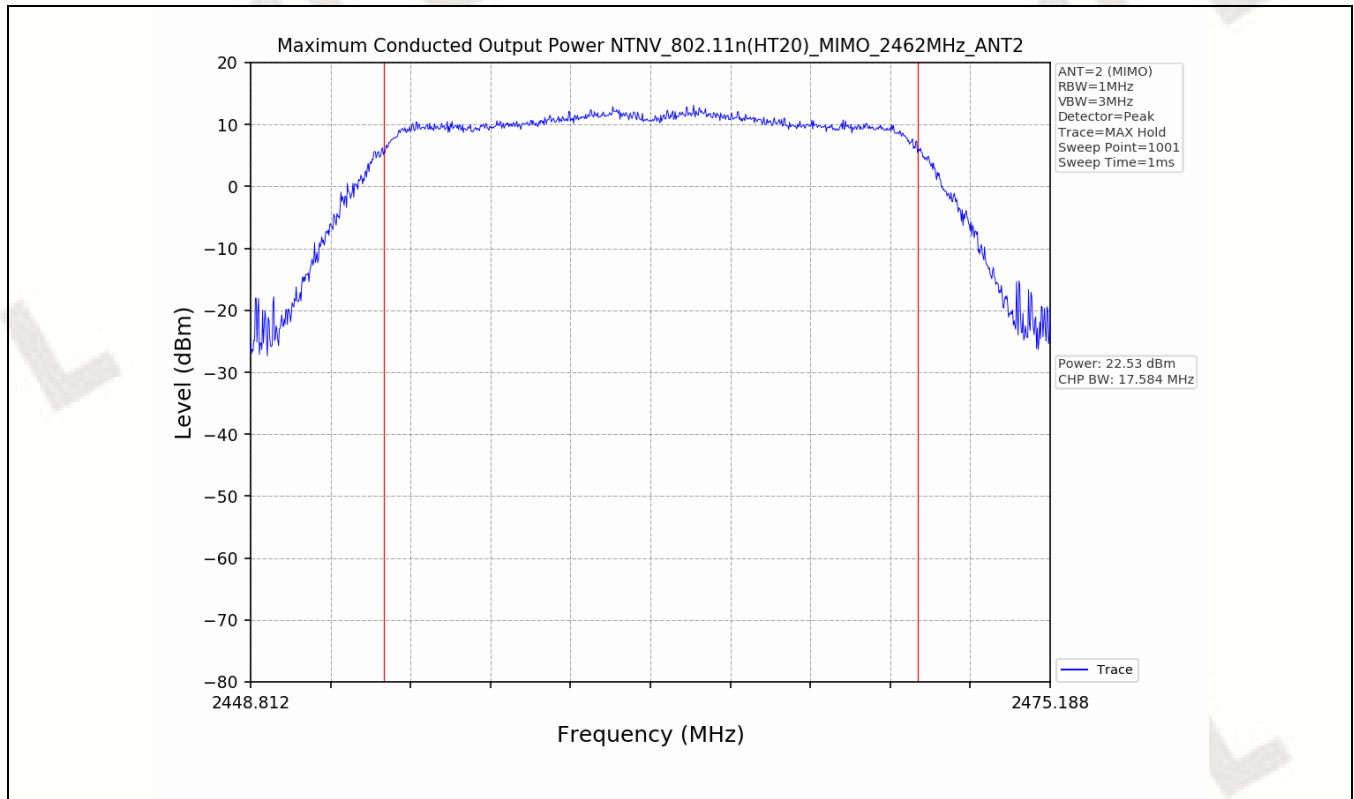










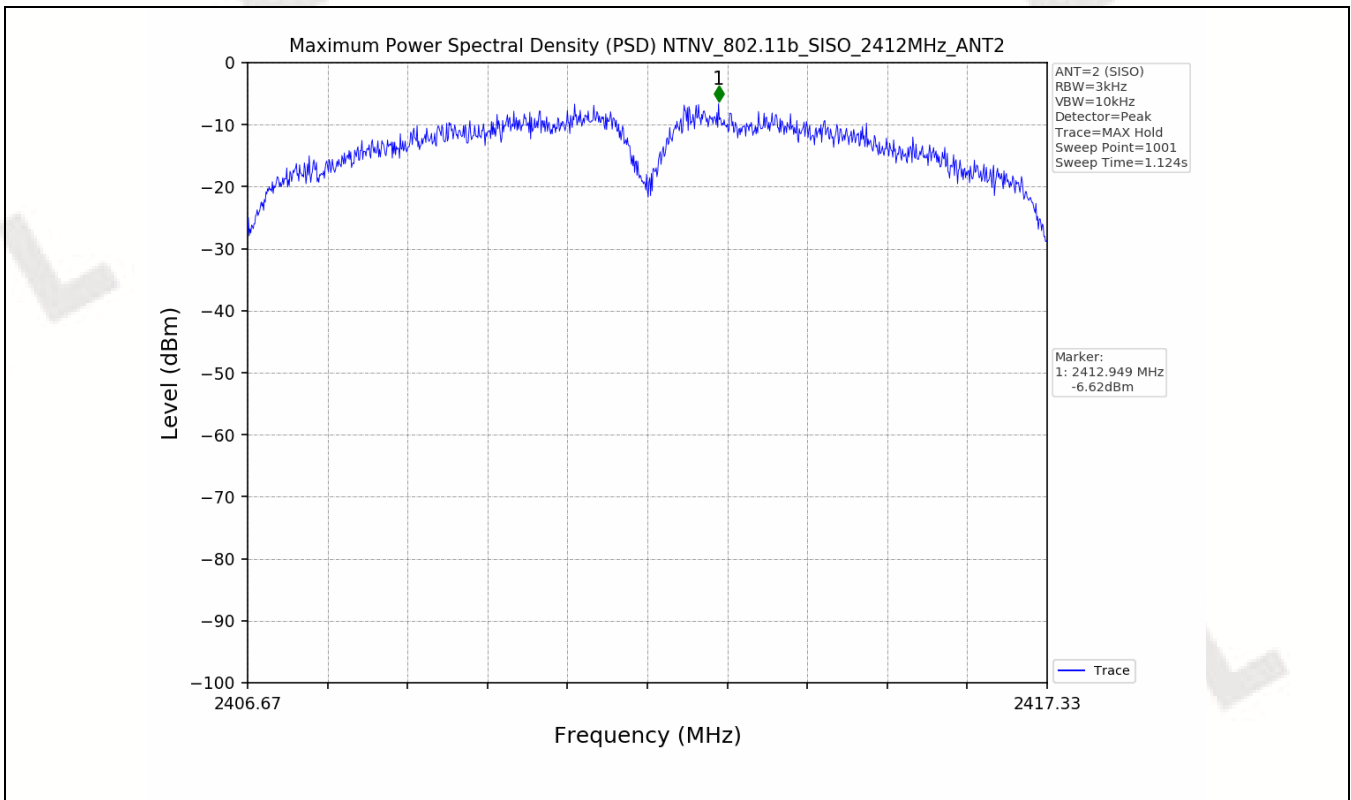
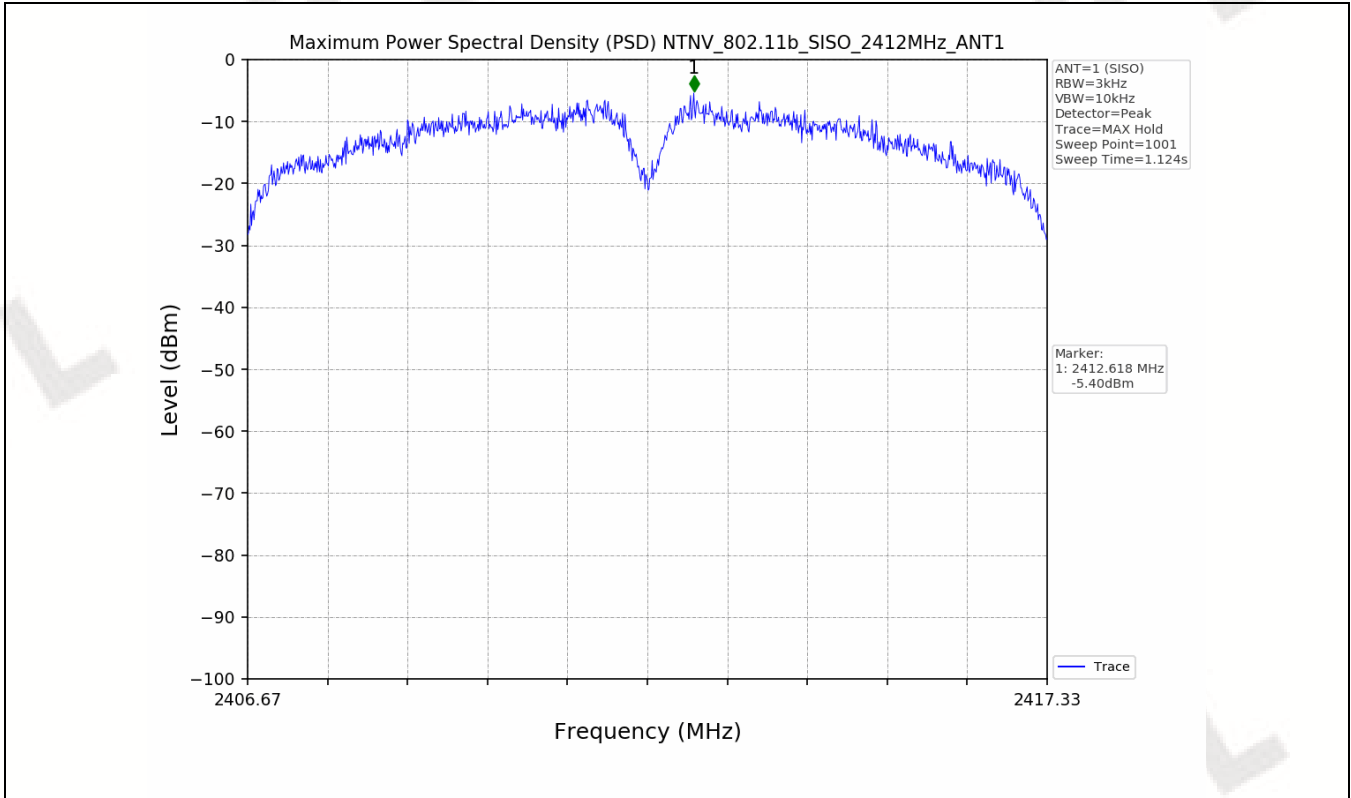


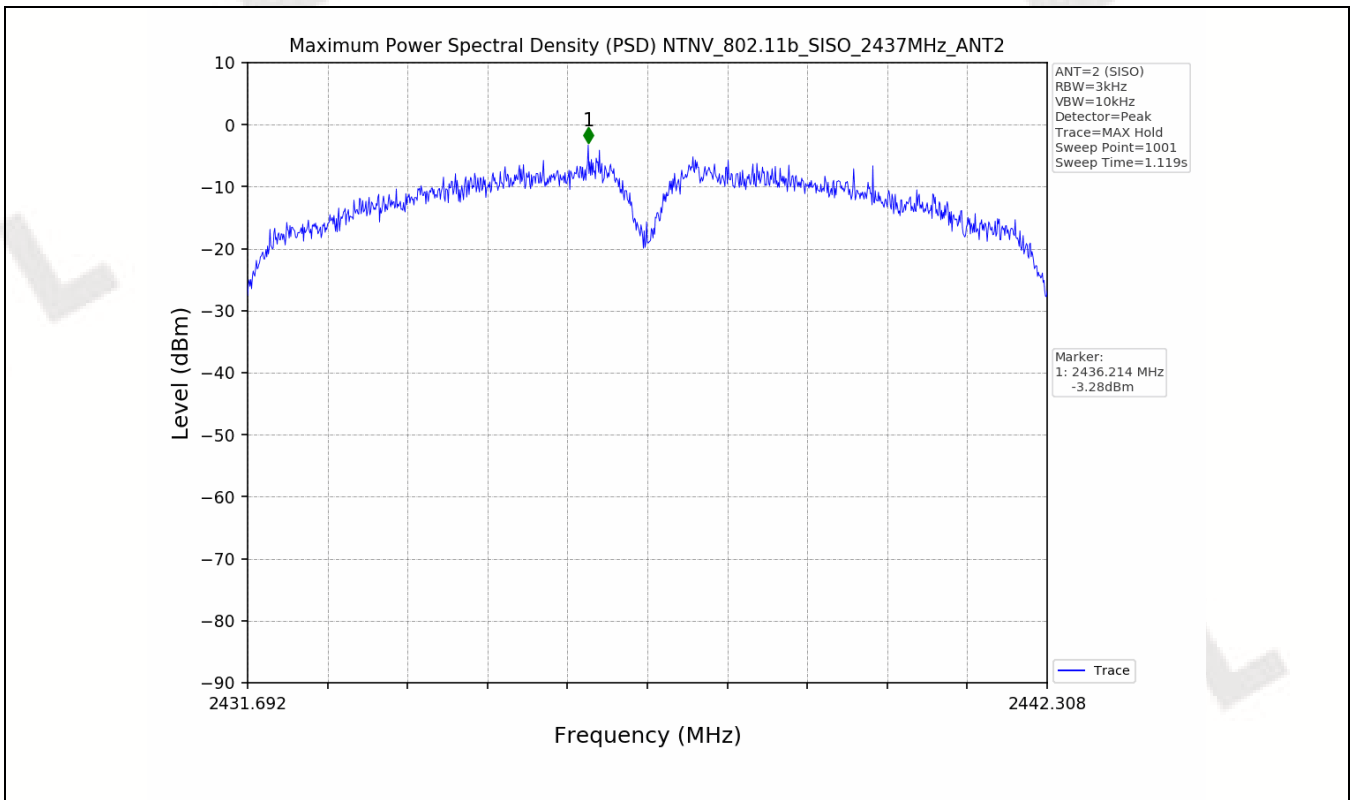
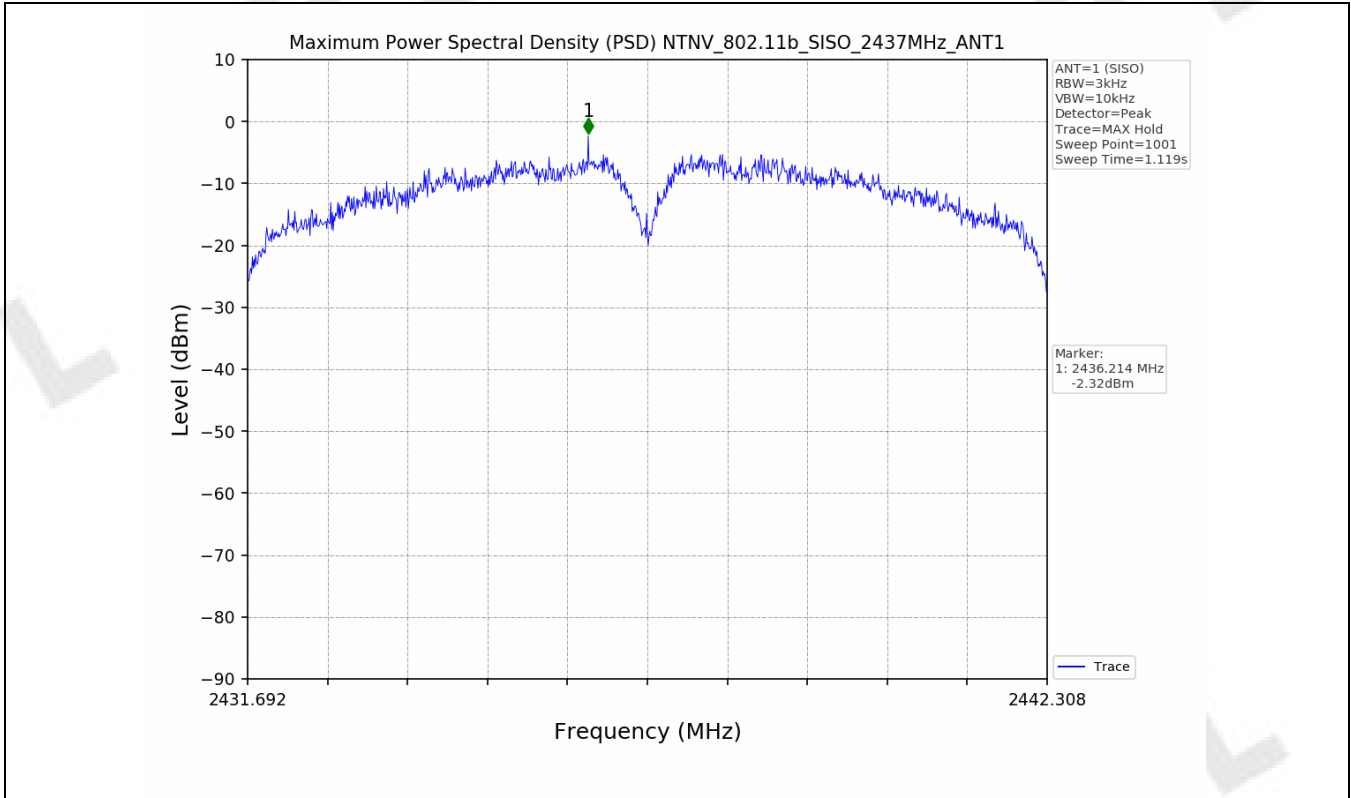
3. Maximum Power Spectral Density (PSD)

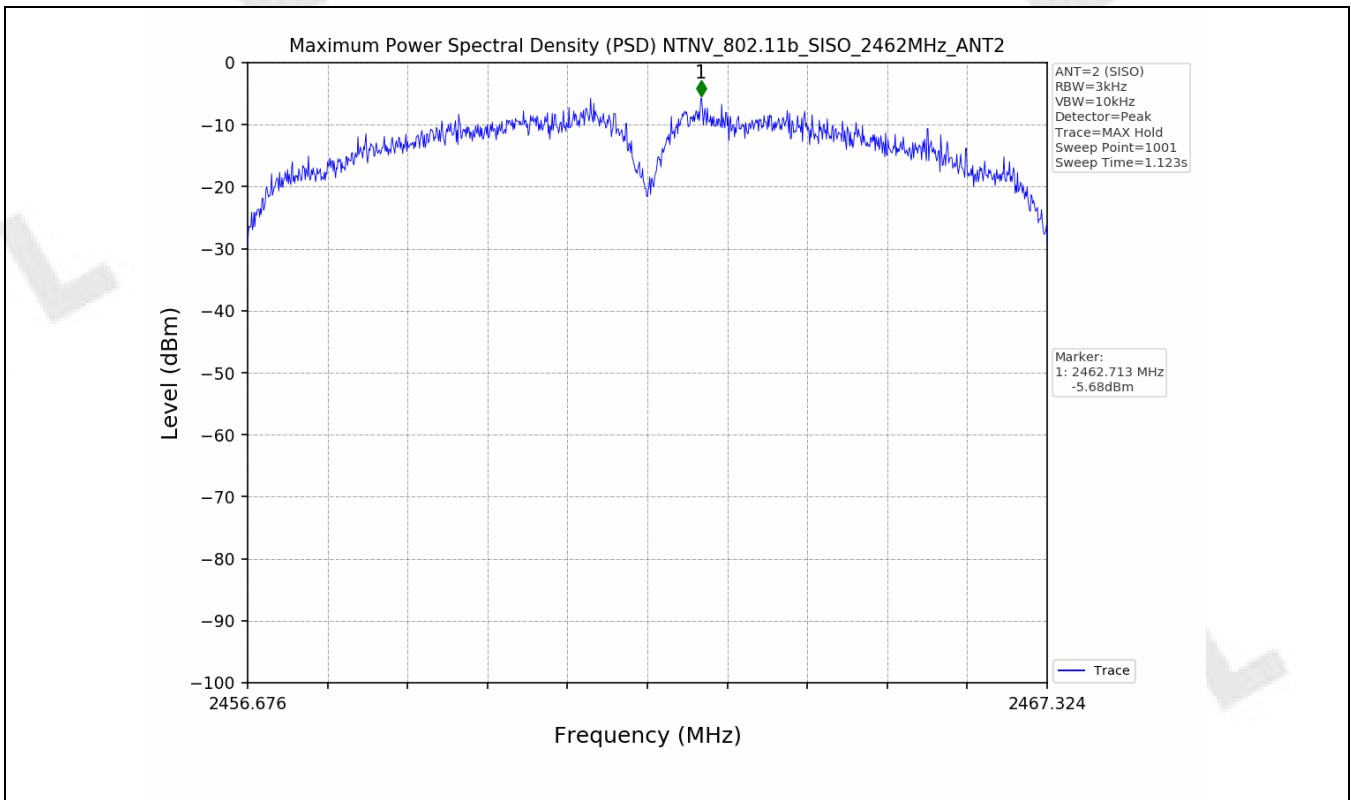
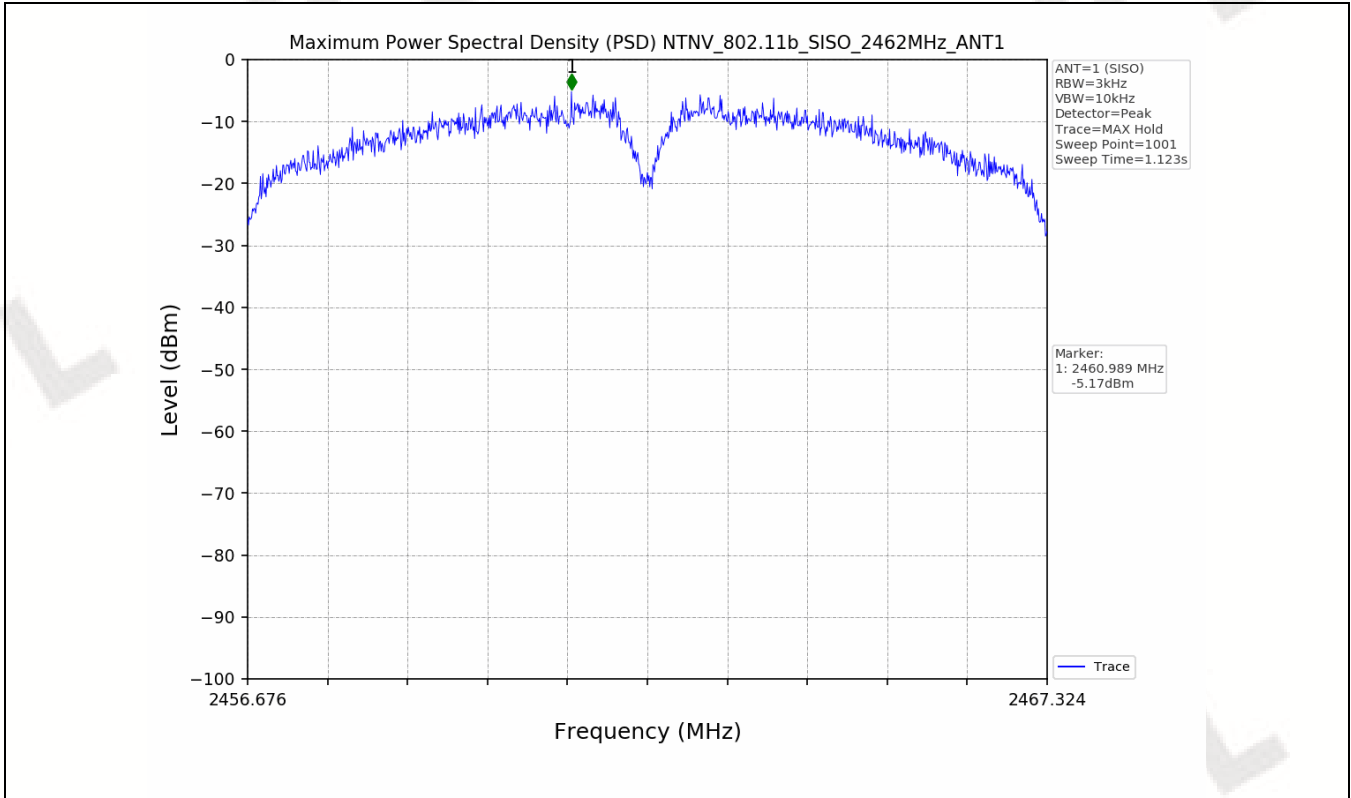
3.1 Test Result

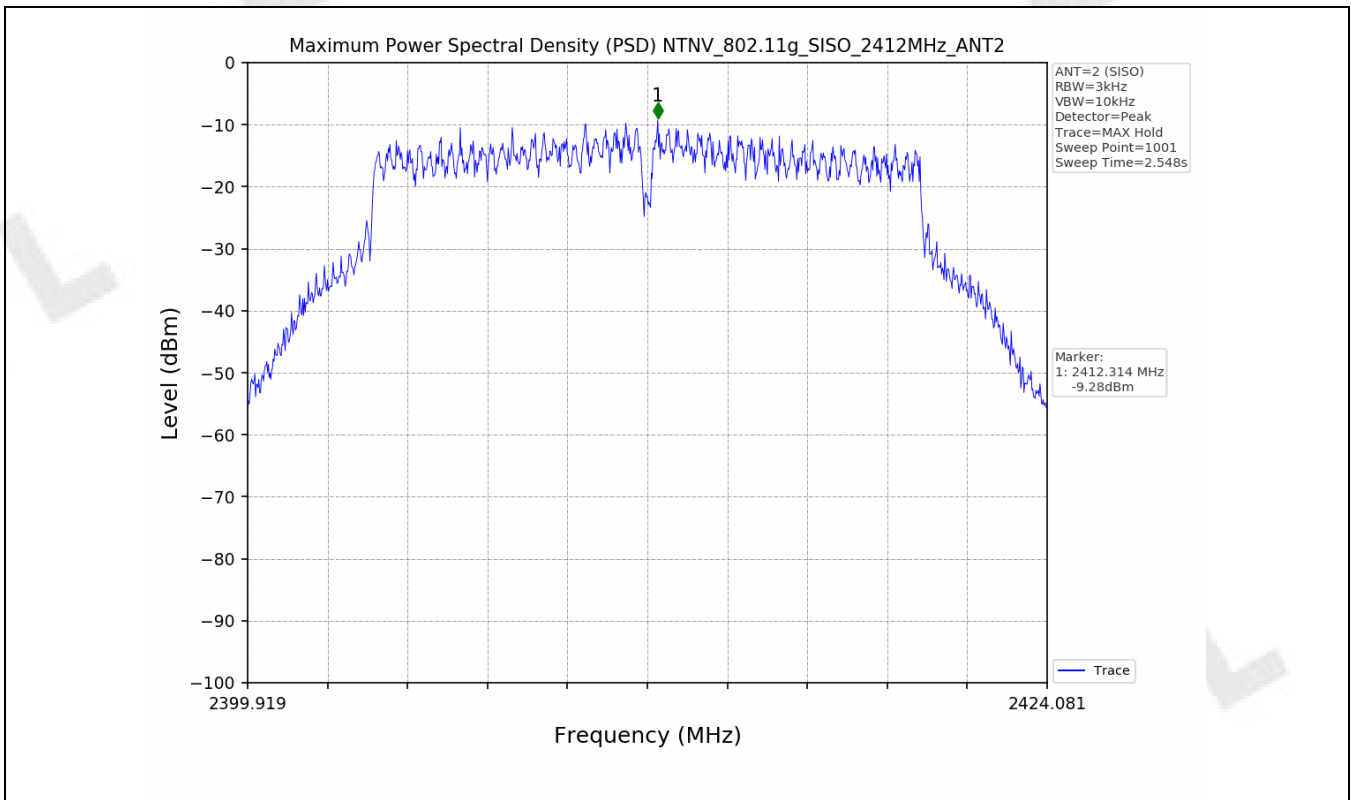
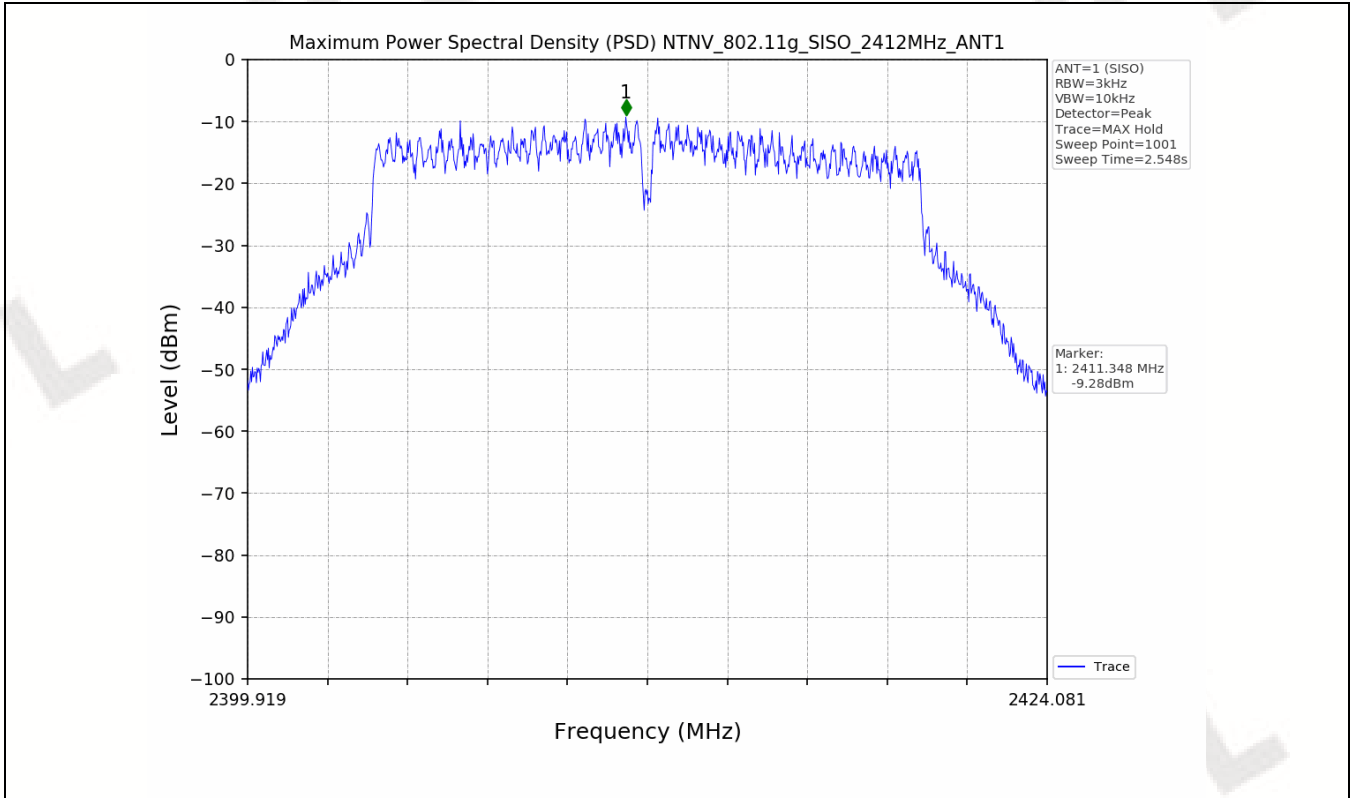
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)			Limits (dBm/3kHz)	Verdict
			Ant 1	Ant 2	Total		
802.11b	2412	SISO	-5.40	-6.62	/	≤8	PASS
	2437	SISO	-2.32	-3.28	/	≤8	PASS
	2462	SISO	-5.17	-5.68	/	≤8	PASS
802.11g	2412	SISO	-9.28	-9.28	/	≤8	PASS
	2437	SISO	-7.75	-7.94	/	≤8	PASS
	2462	SISO	-8.85	-9.28	/	≤8	PASS
802.11n(HT20)	2412	MIMO	-10.17	-10.07	-7.20	≤8	PASS
	2437	MIMO	-8.34	-7.43	-6.07	≤8	PASS
	2462	MIMO	-8.76	-9.63	-7.11	≤8	PASS

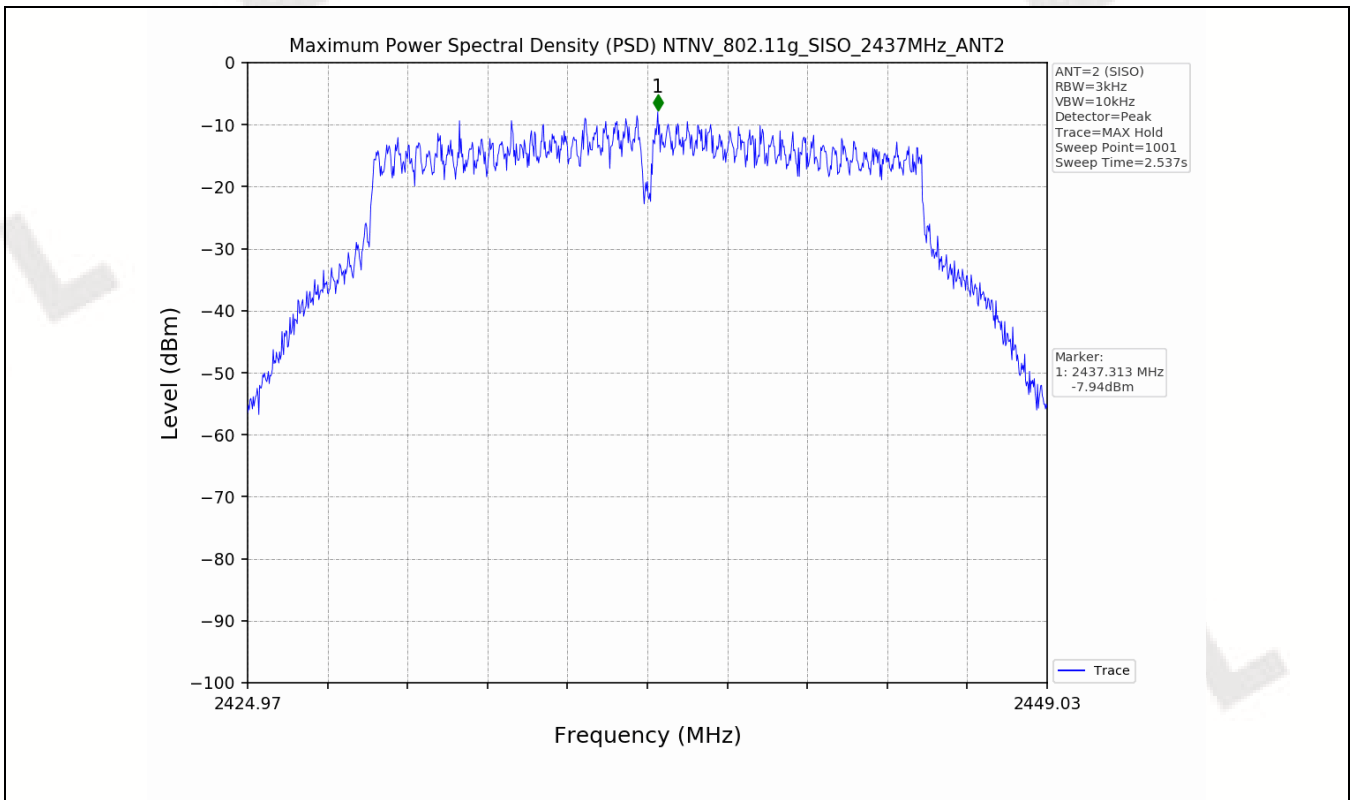
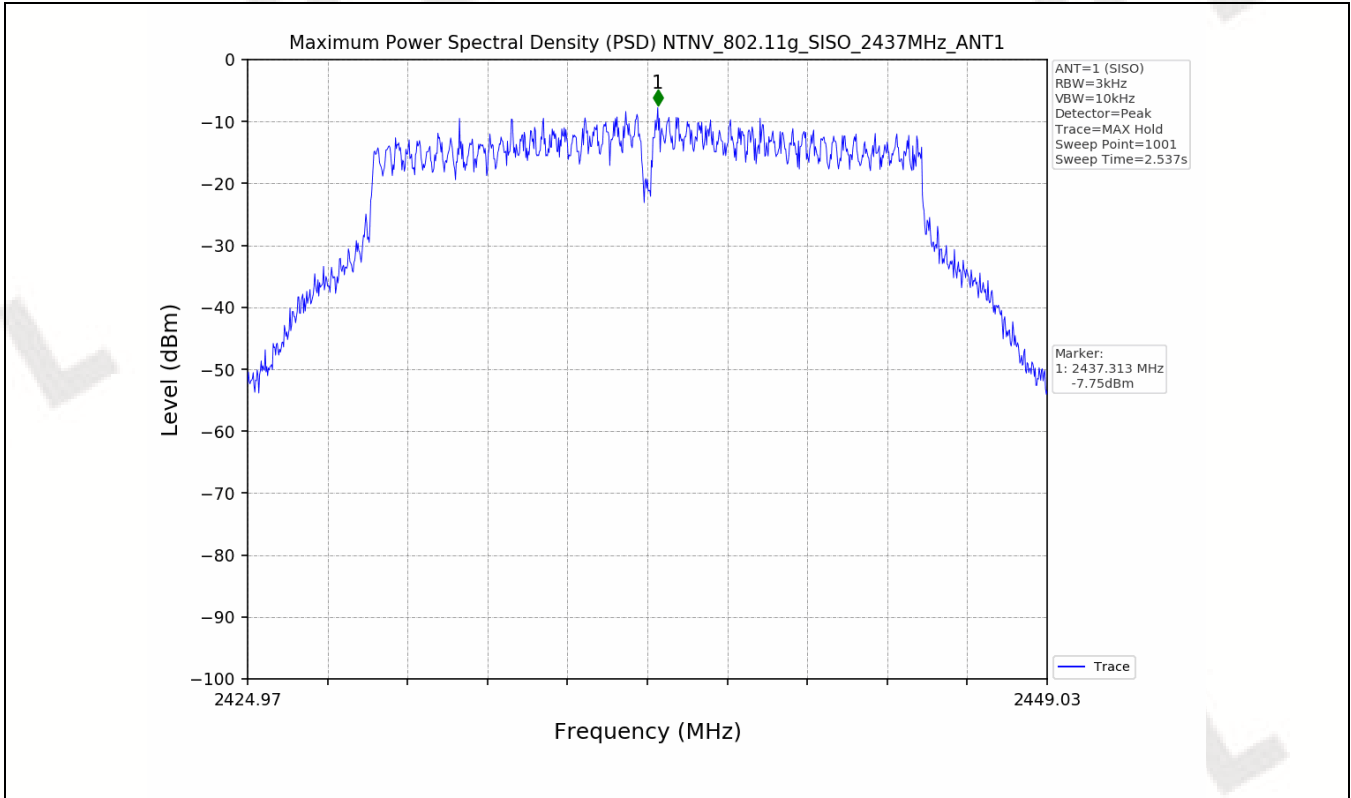
3.2 Test Graph

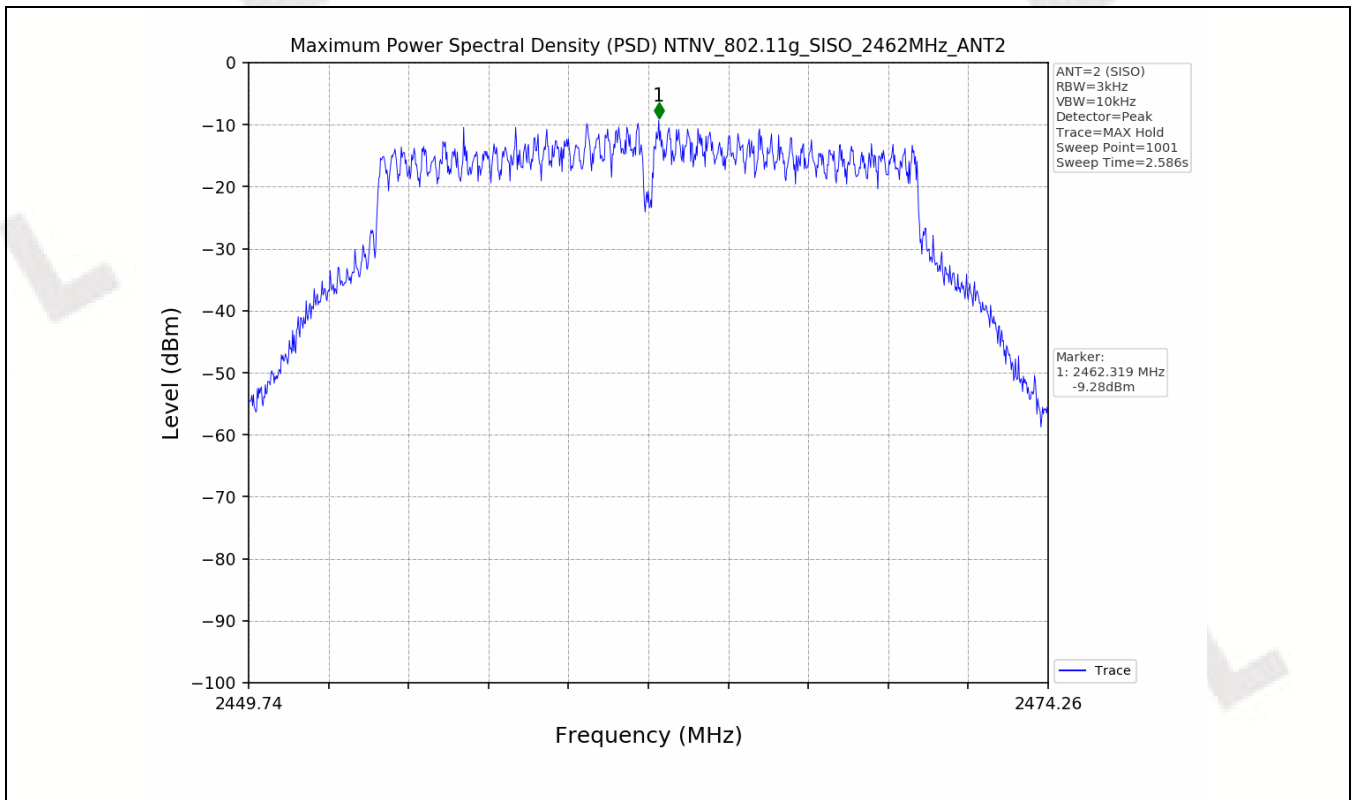
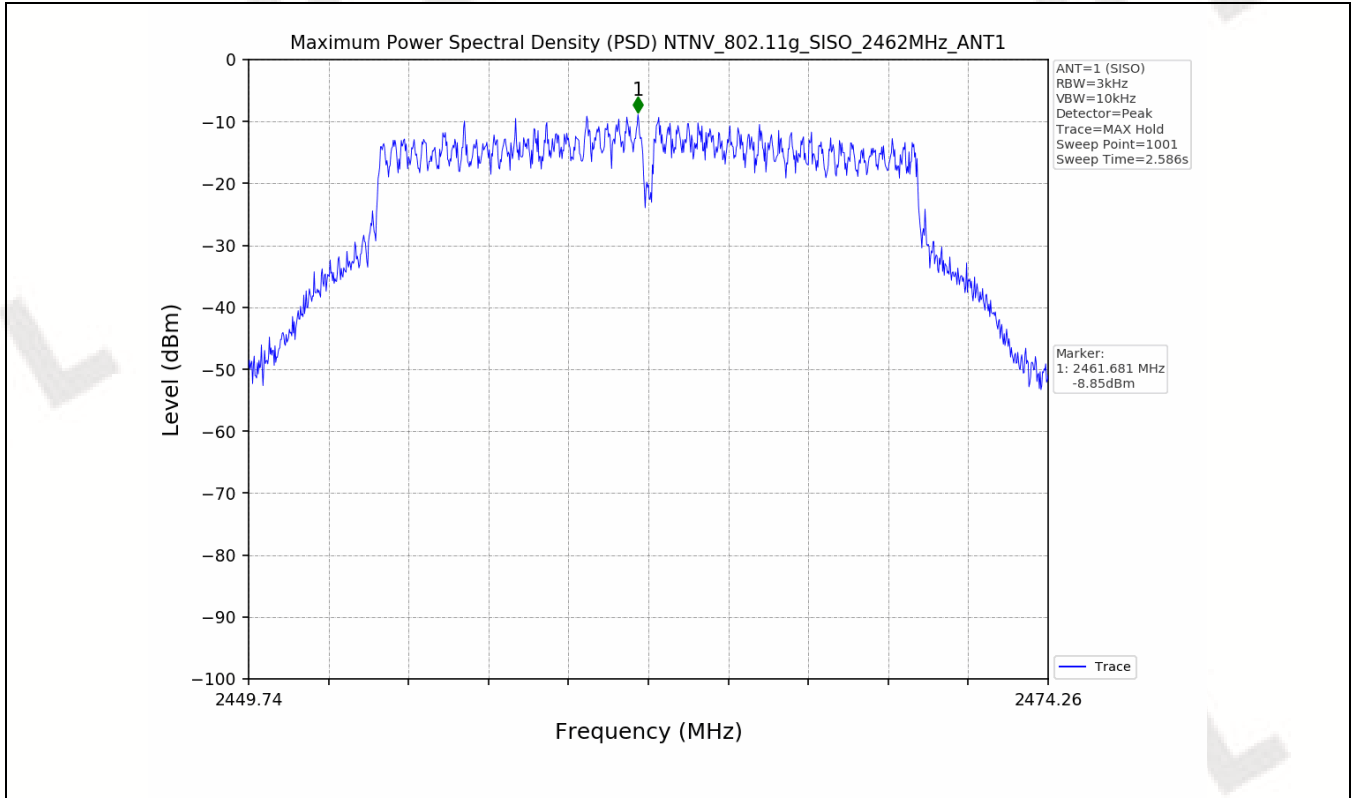


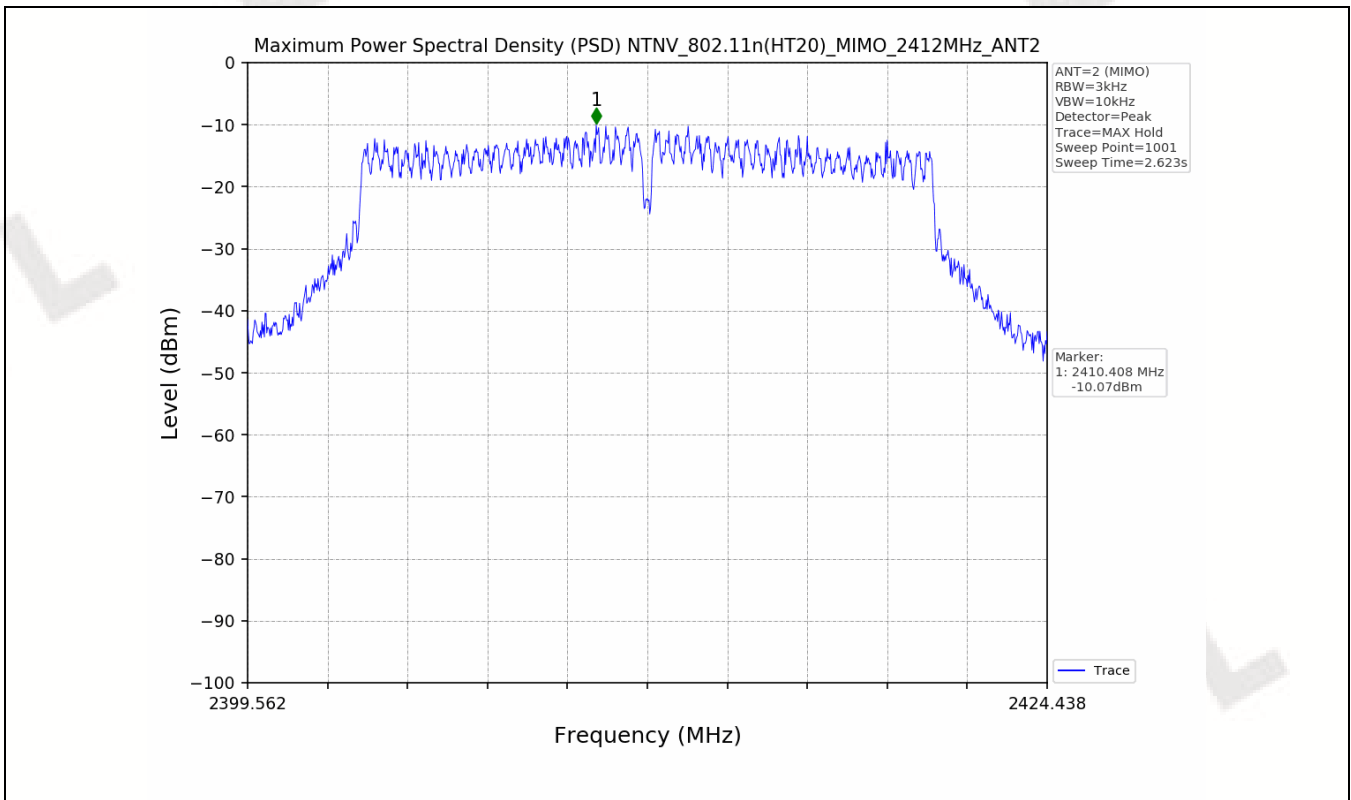
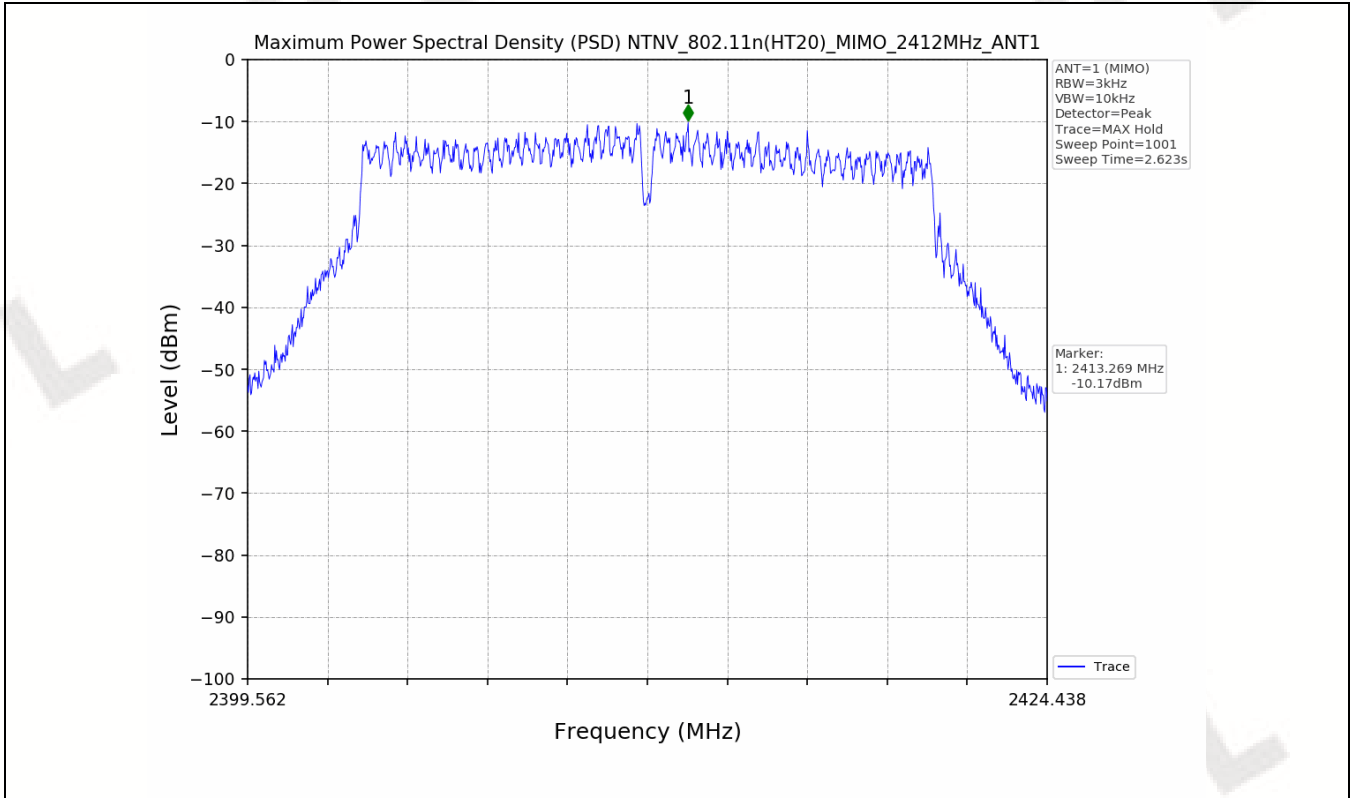


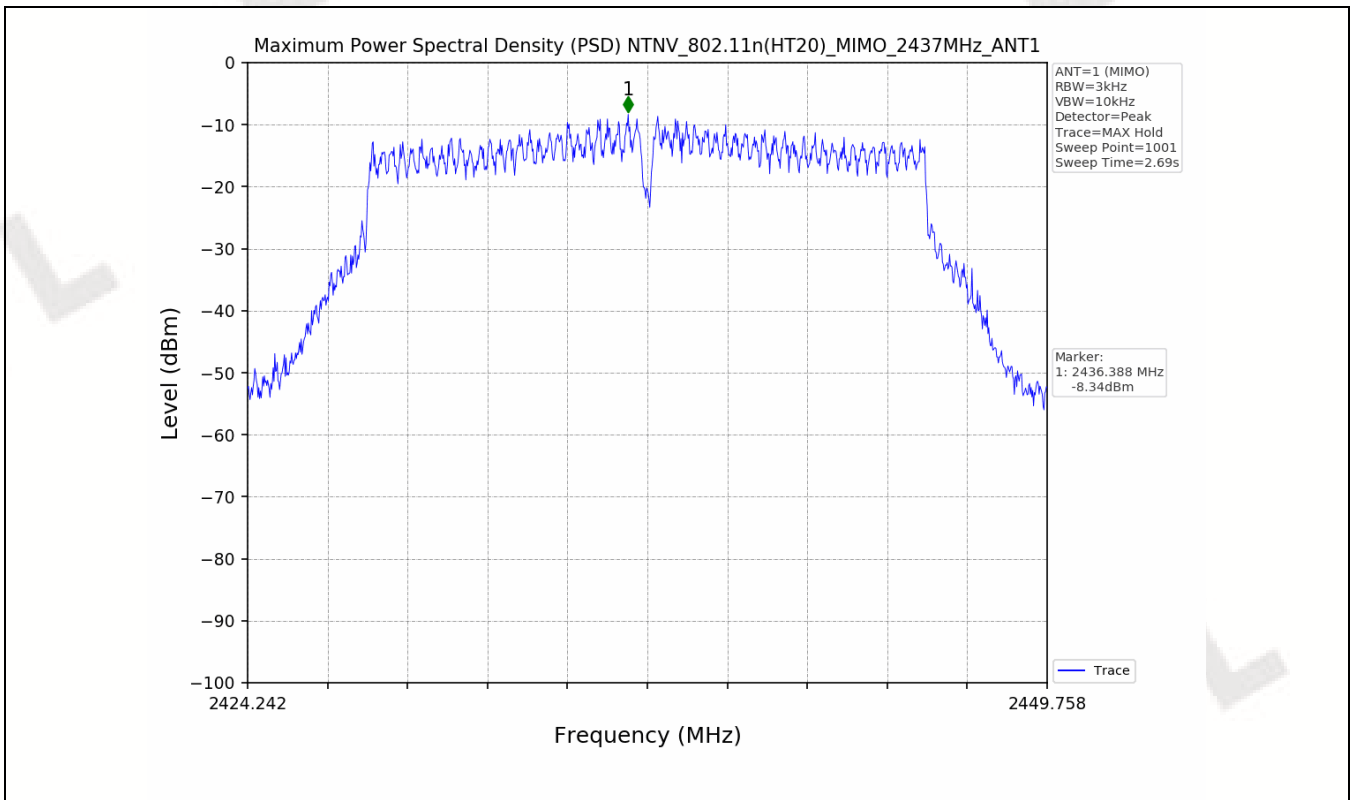
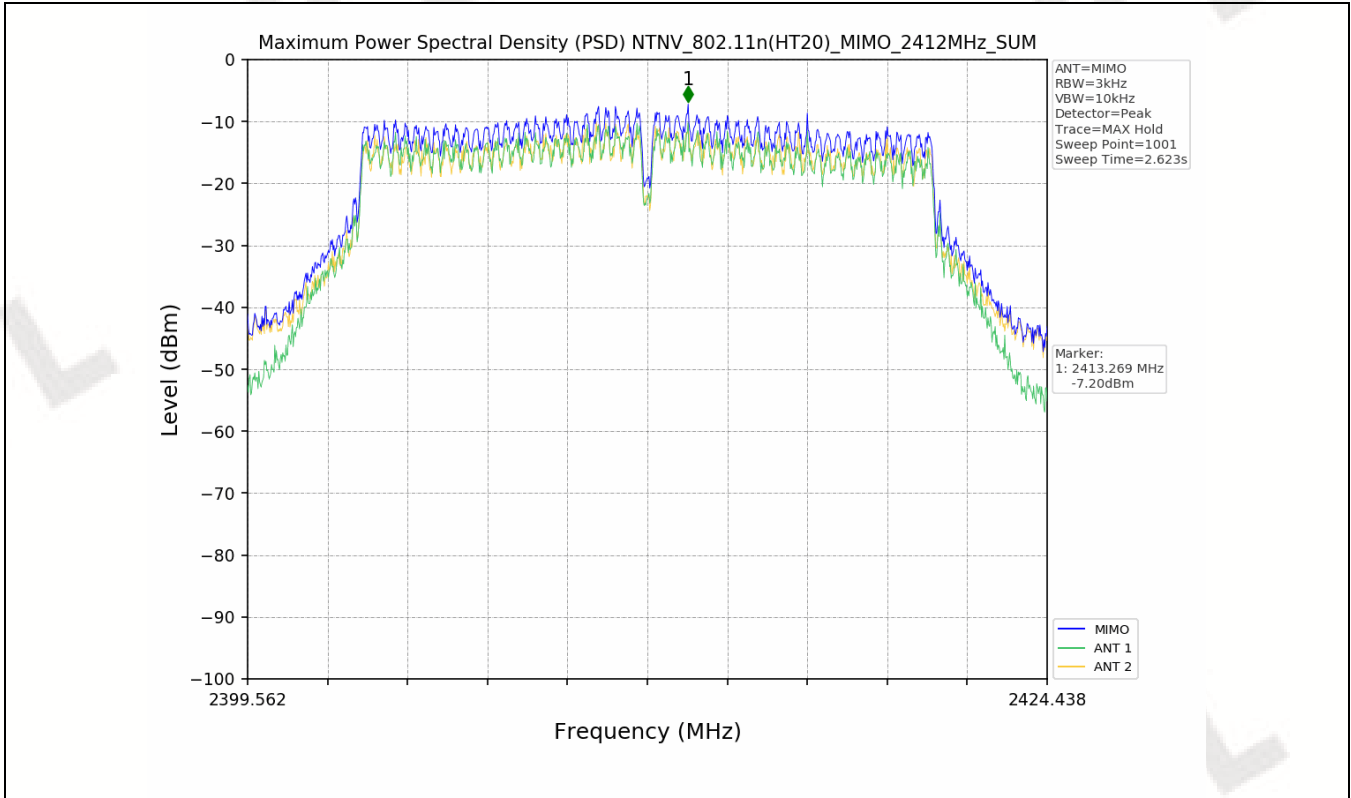


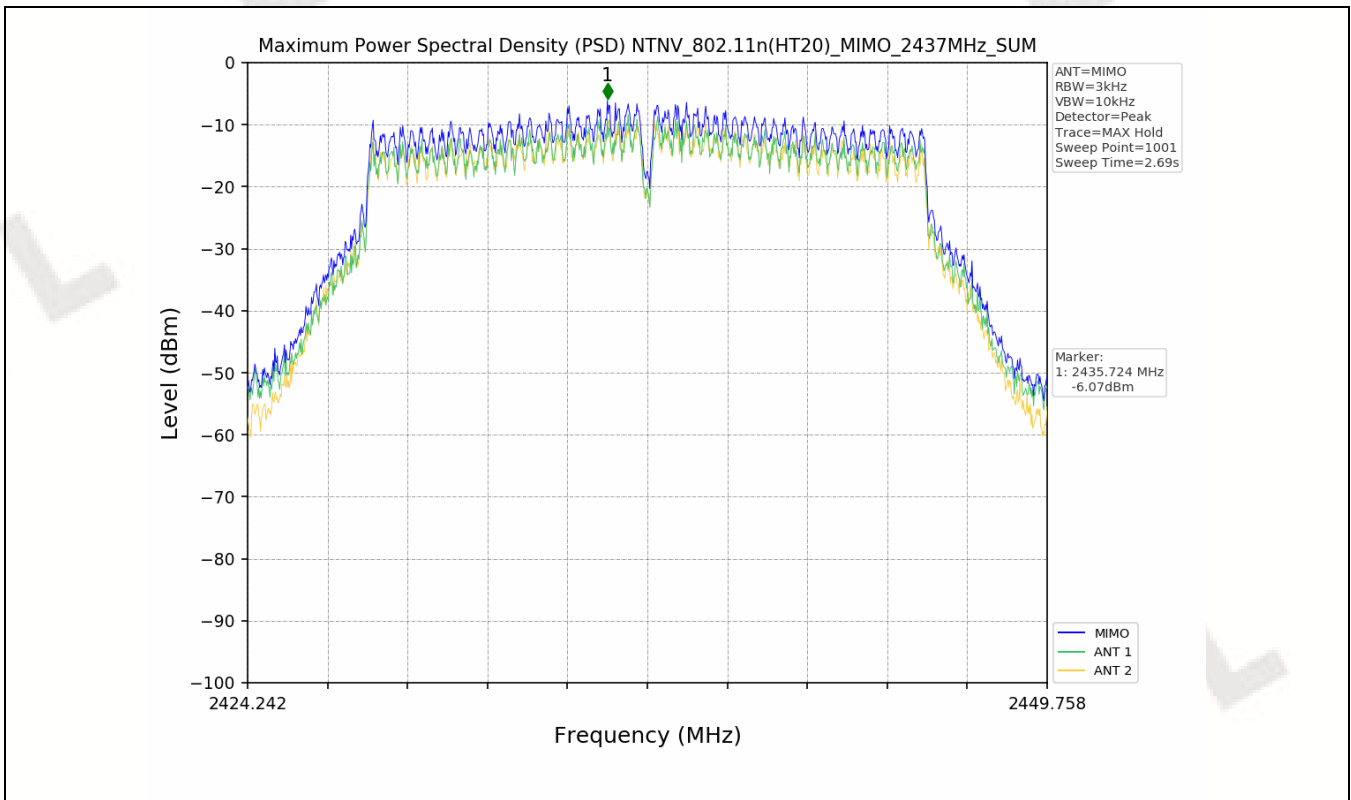
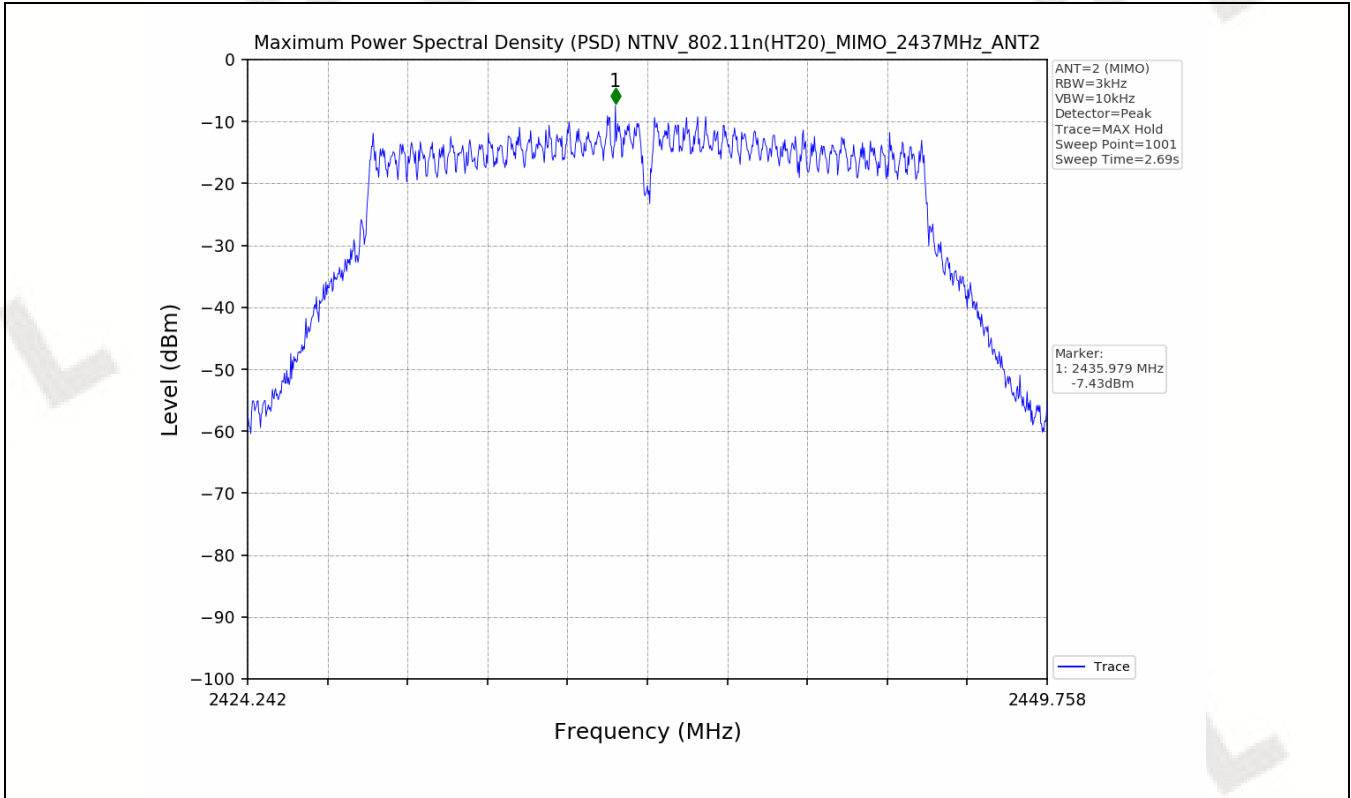


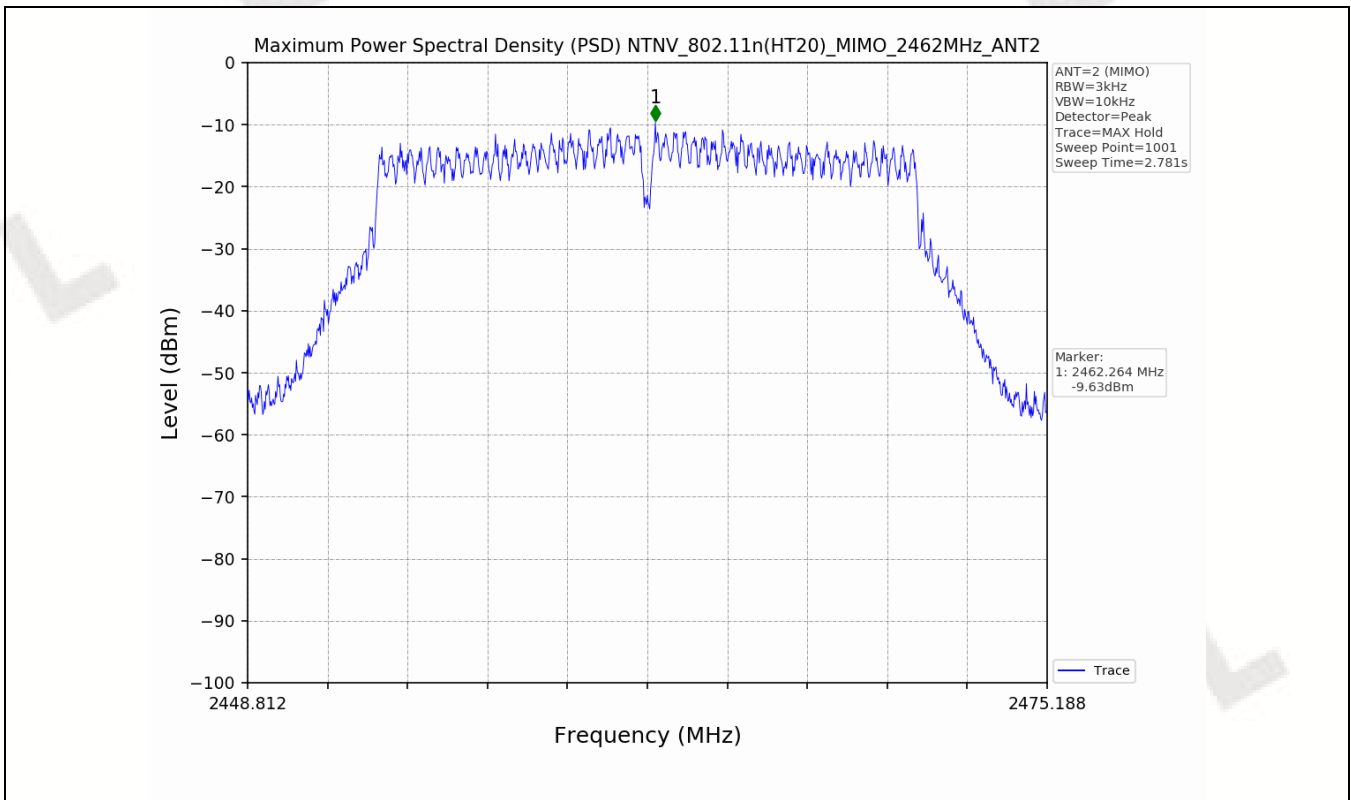
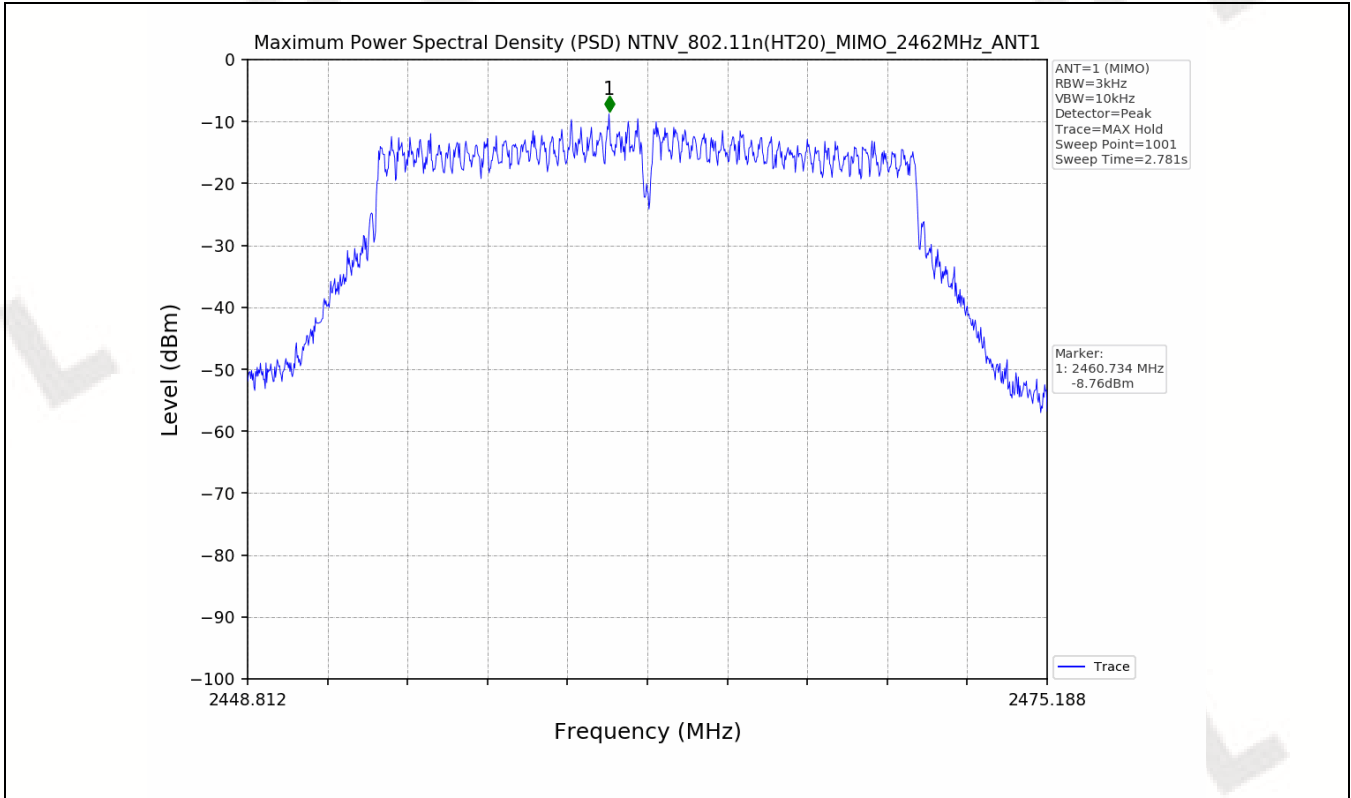


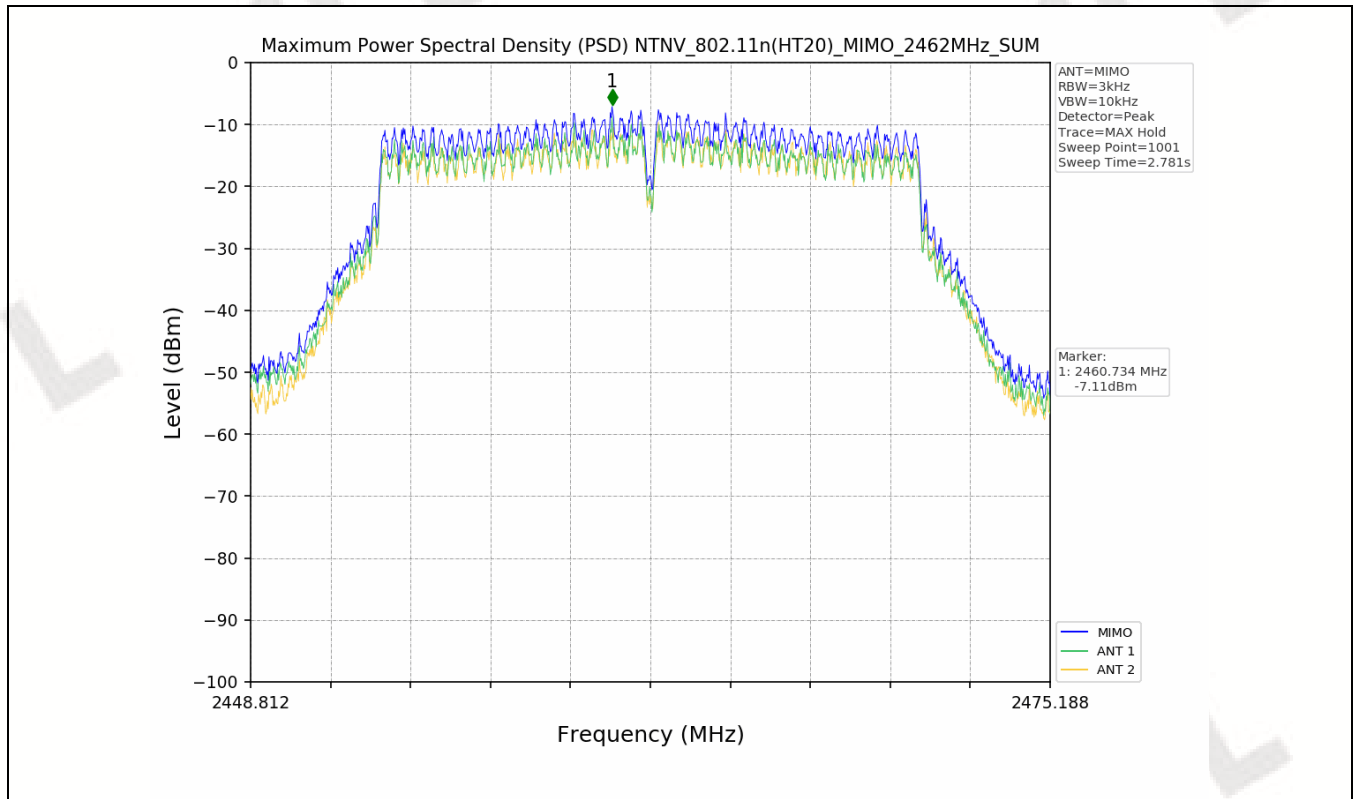












4. Unwanted Emissions in Non-restricted Frequency Bands

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	-10.33	PASS
	2437	SISO	1	Refer to test graph	-10.33	PASS
	2462	SISO	1	Refer to test graph	-10.33	PASS
802.11g	2412	SISO	1	Refer to test graph	-15.04	PASS
	2437	SISO	1	Refer to test graph	-15.04	PASS
	2462	SISO	1	Refer to test graph	-15.04	PASS
802.11n(HT20)	2412	MIMO	MIMO	Refer to test graph	-15.60	PASS
	2437	MIMO	MIMO	Refer to test graph	-15.60	PASS
	2462	MIMO	MIMO	Refer to test graph	-15.60	PASS

4.2 Test Graph

