



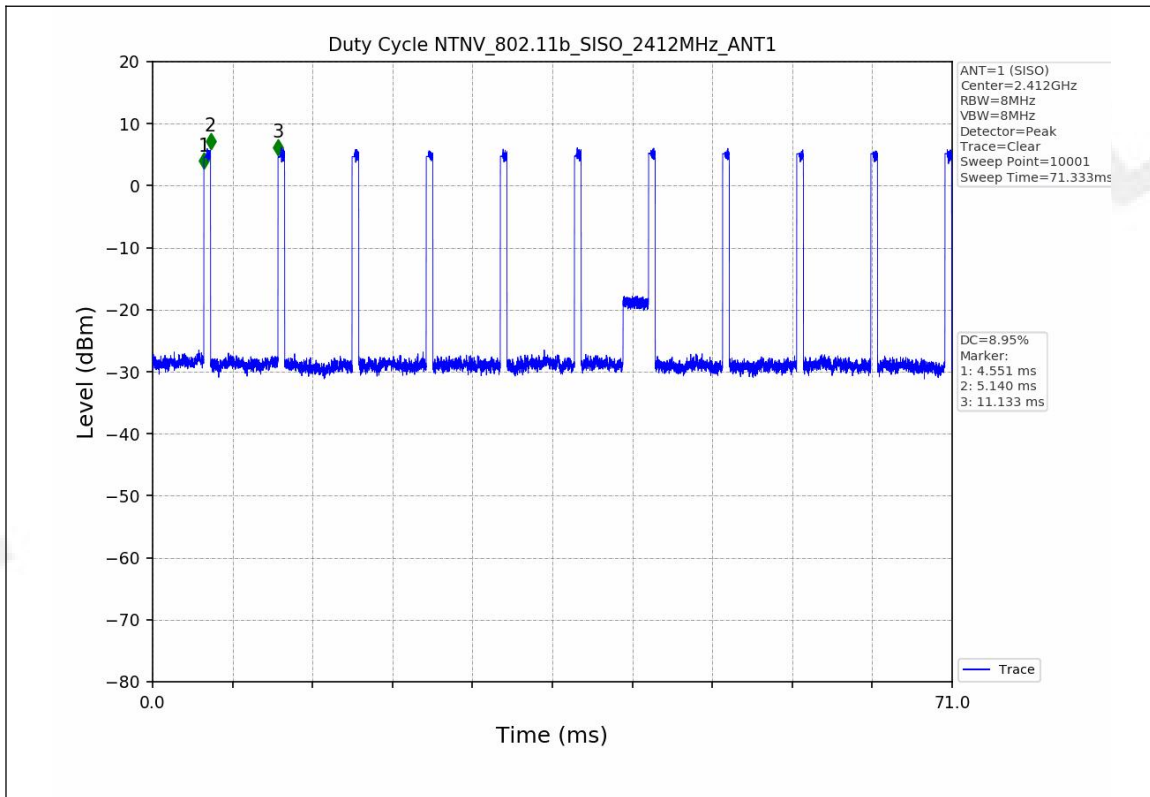
Appendix for 15.247

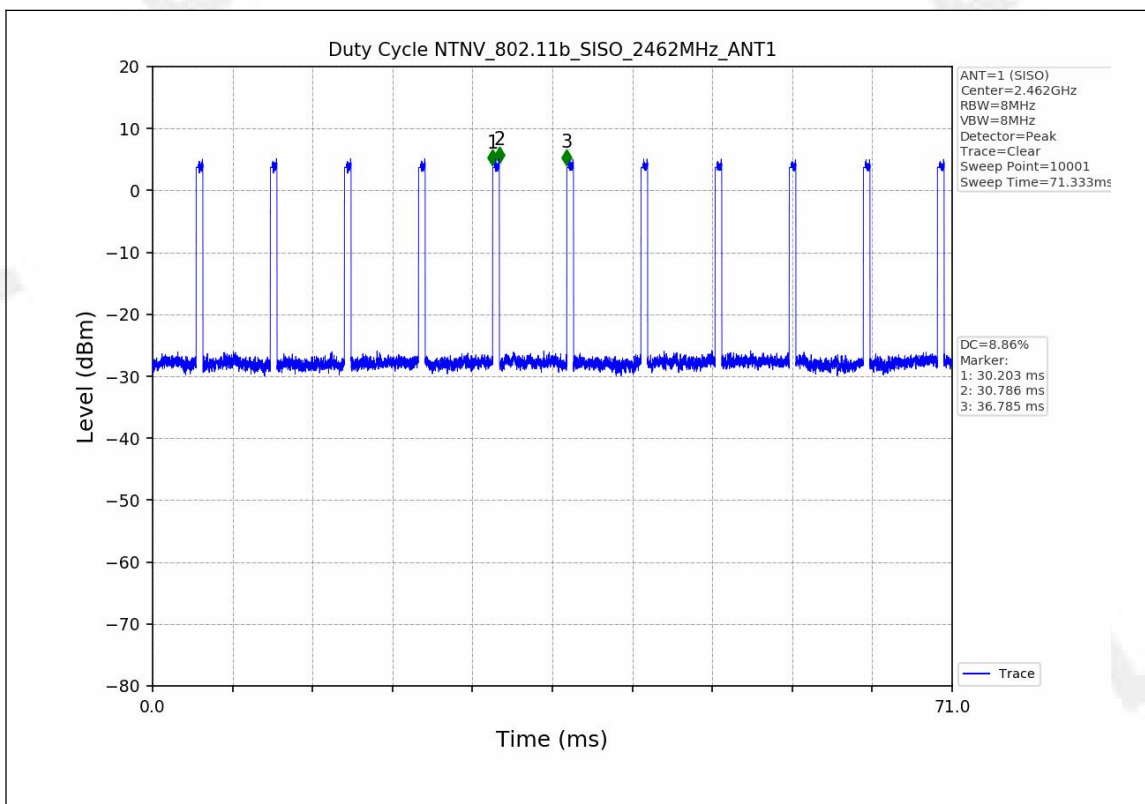
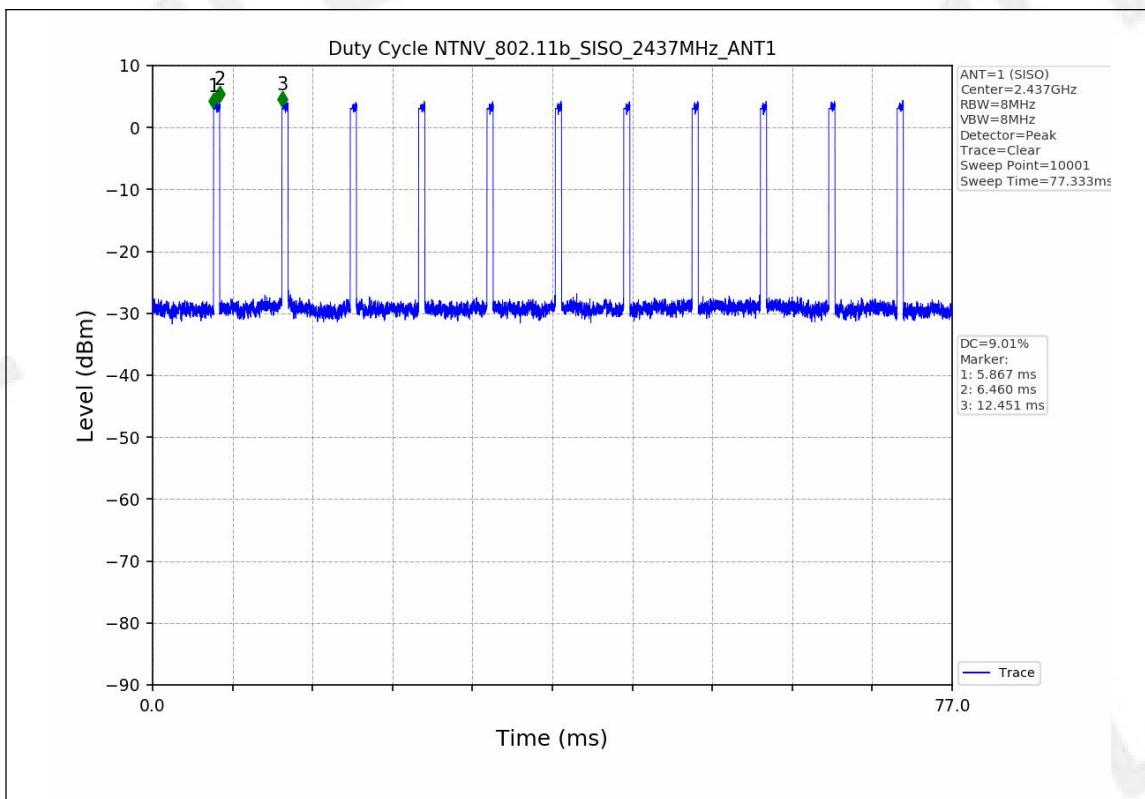
1. Duty Cycle

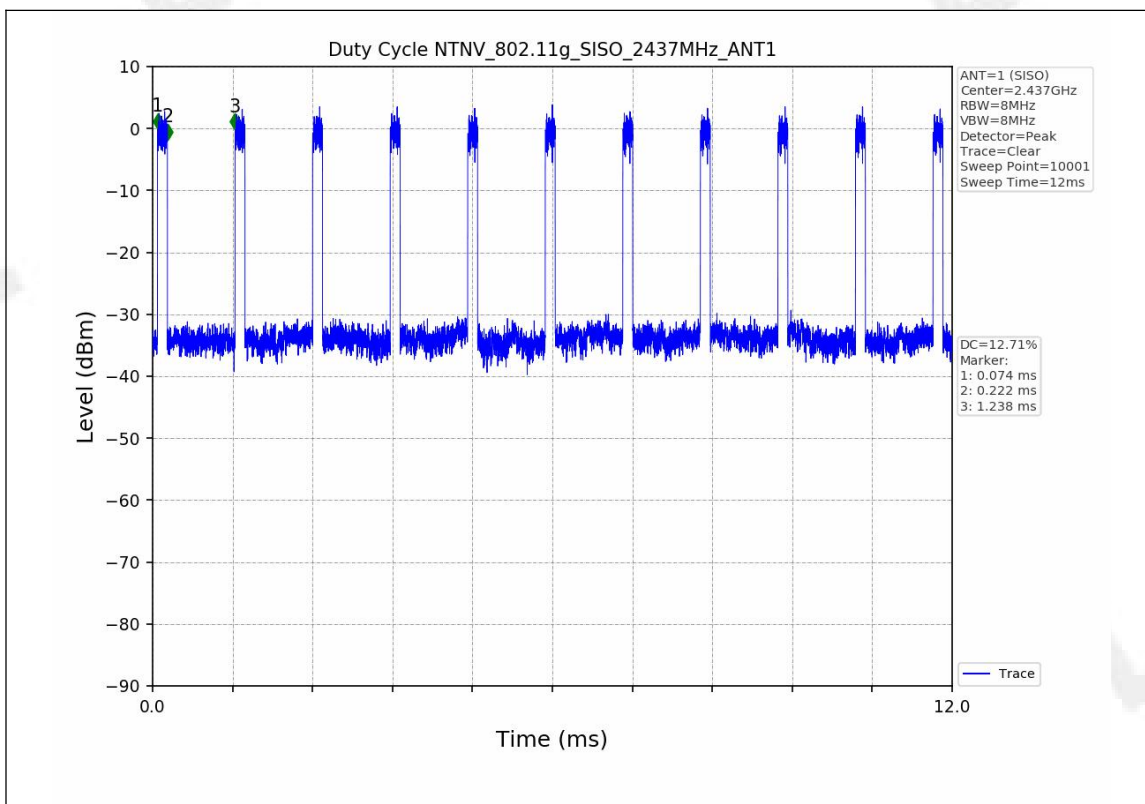
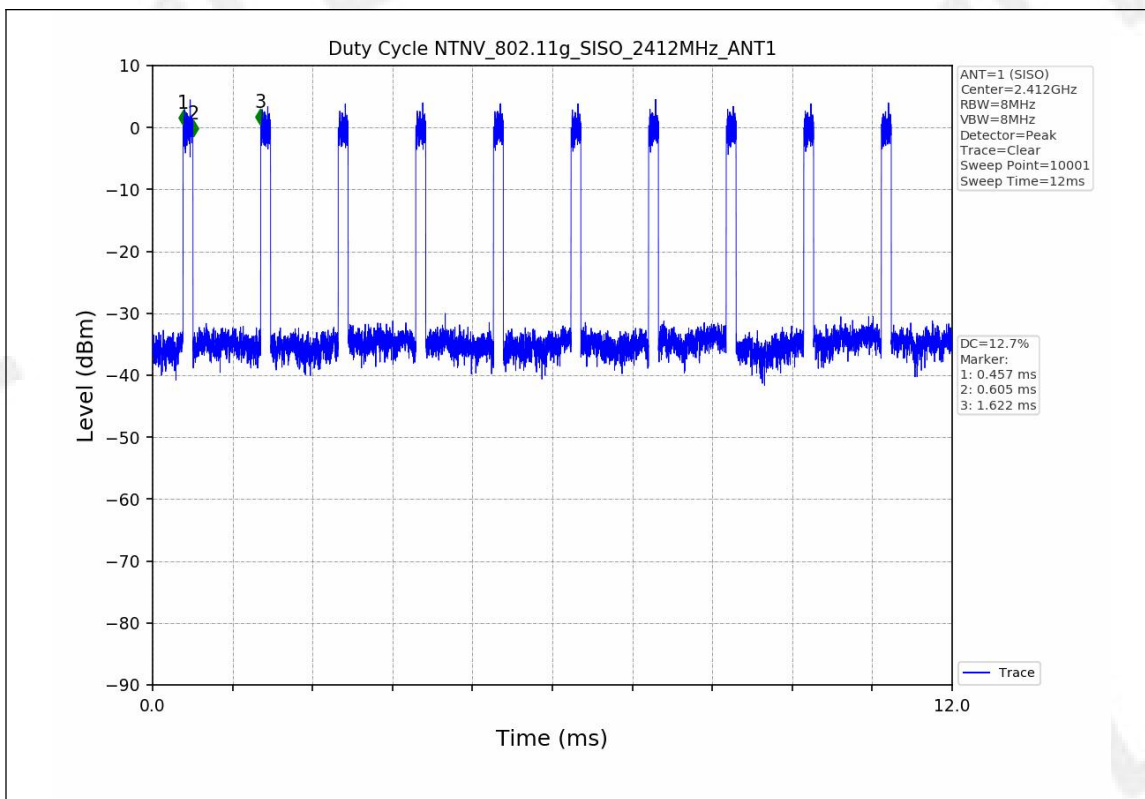
1.1 Test Result

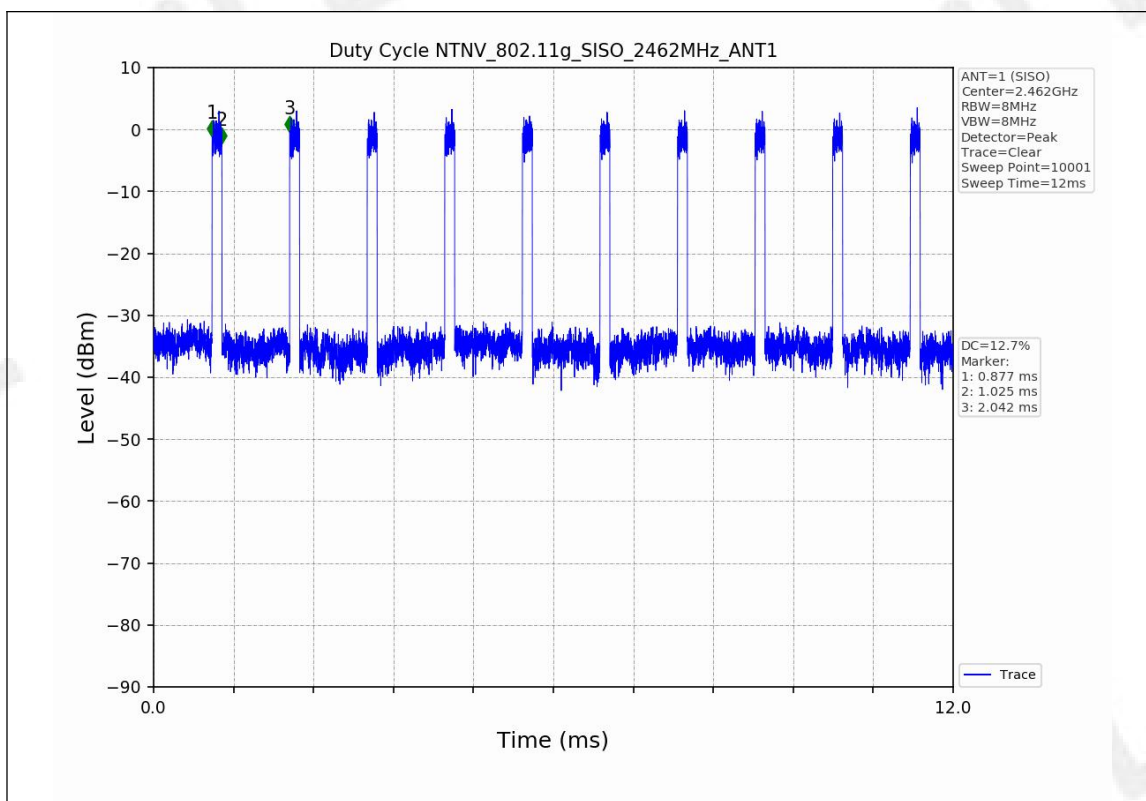
Test Mode	Channel Frequency(MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11b	2412	SISO	1	0.589	6.582	8.95	10.48
	2437	SISO	1	0.593	6.584	9.01	10.45
	2462	SISO	1	0.583	6.582	8.86	10.53
802.11g	2412	SISO	1	0.148	1.165	12.70	8.96
	2437	SISO	1	0.148	1.164	12.71	8.96
	2462	SISO	1	0.148	1.165	12.70	8.96

1.2 Test Graph









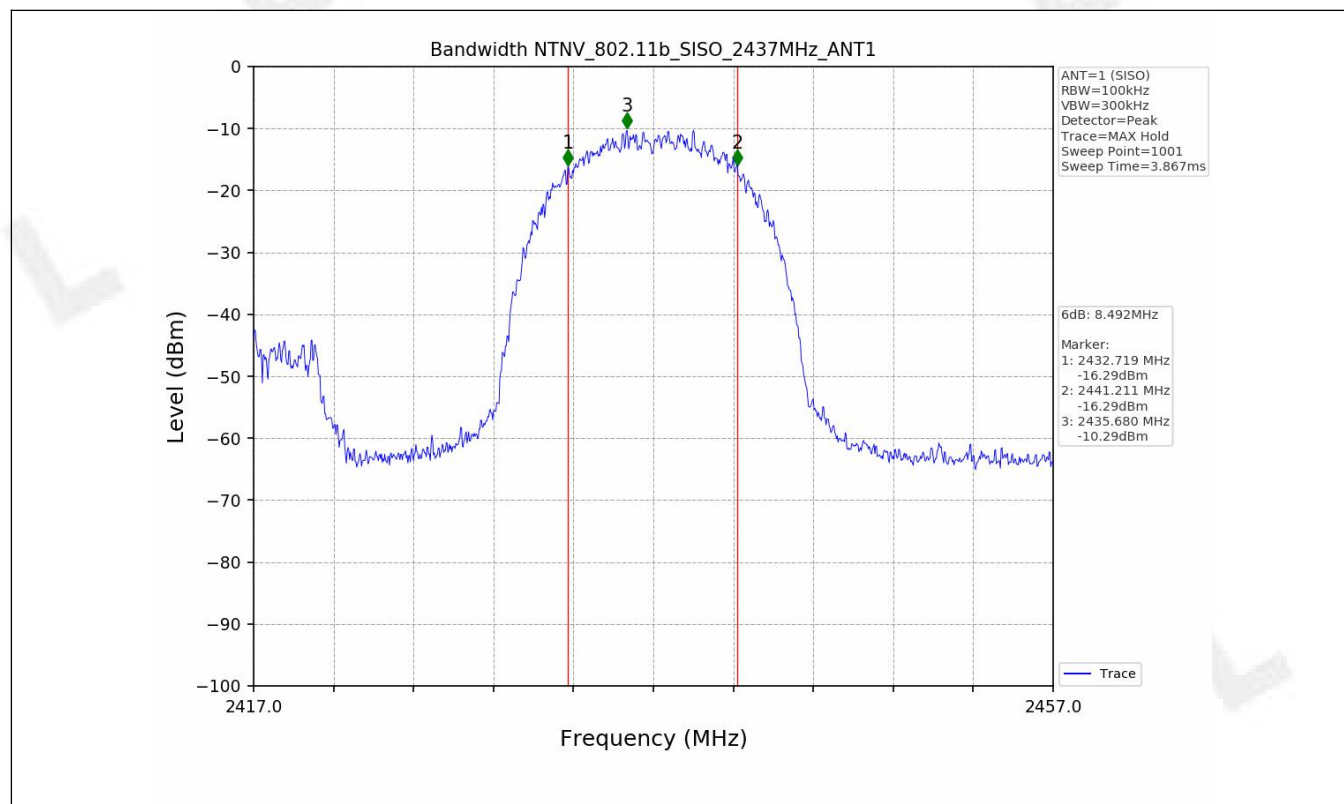
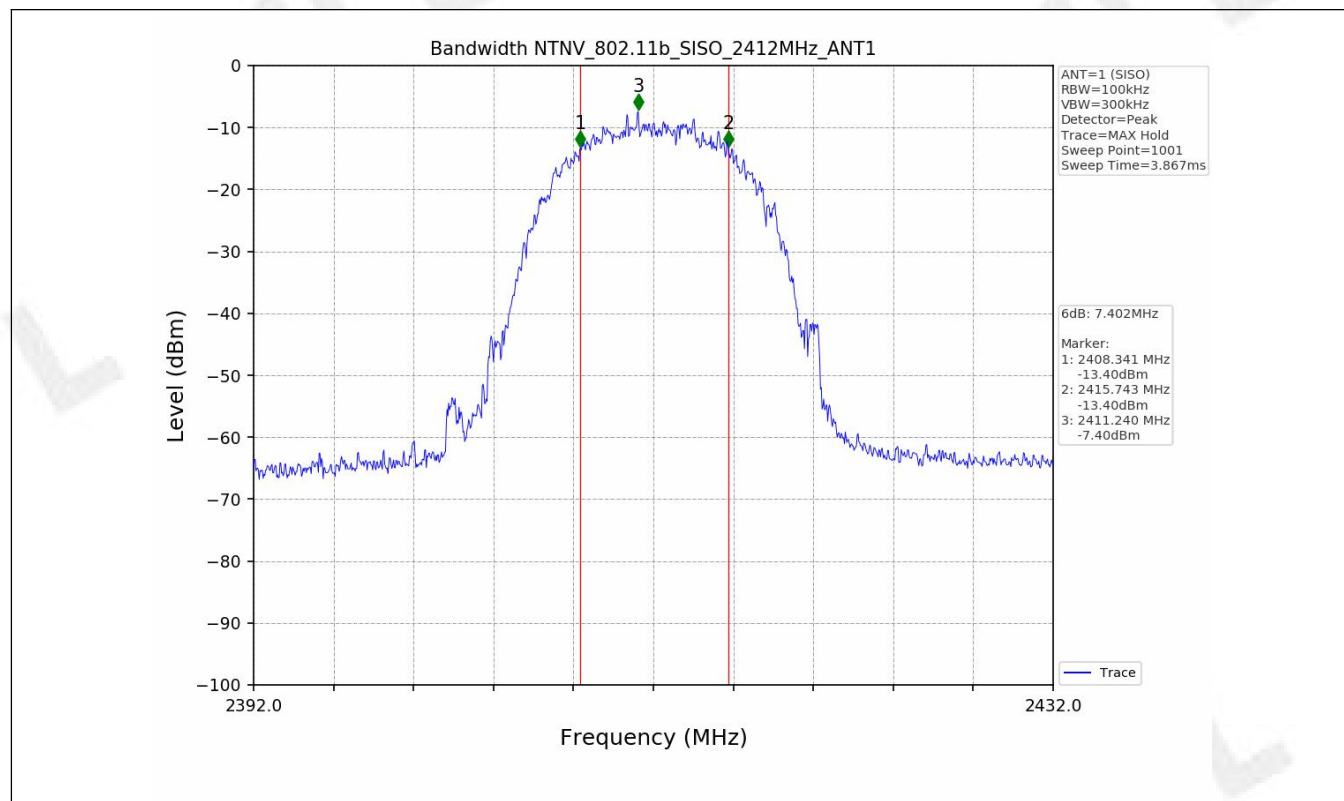
2. Bandwidth

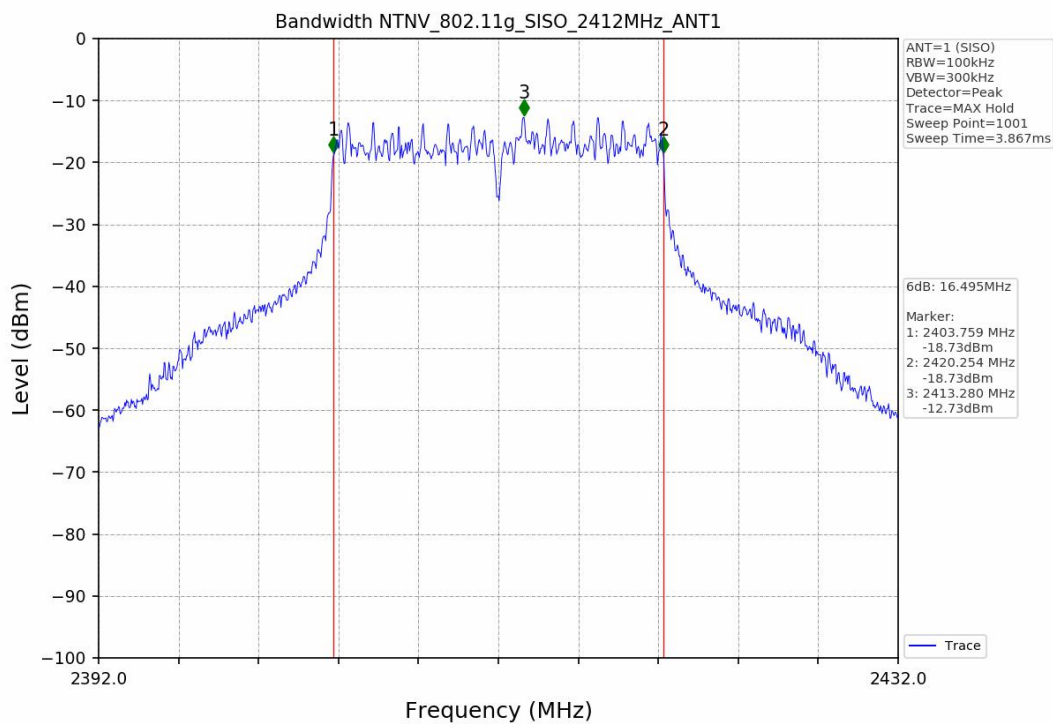
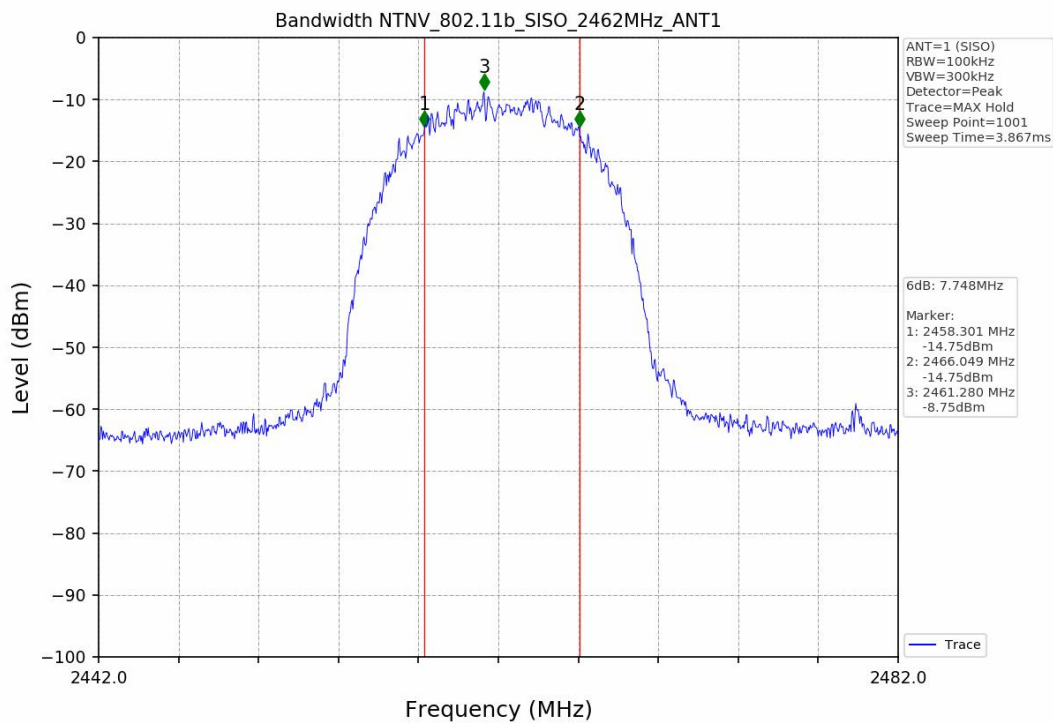
2.1 Test Result

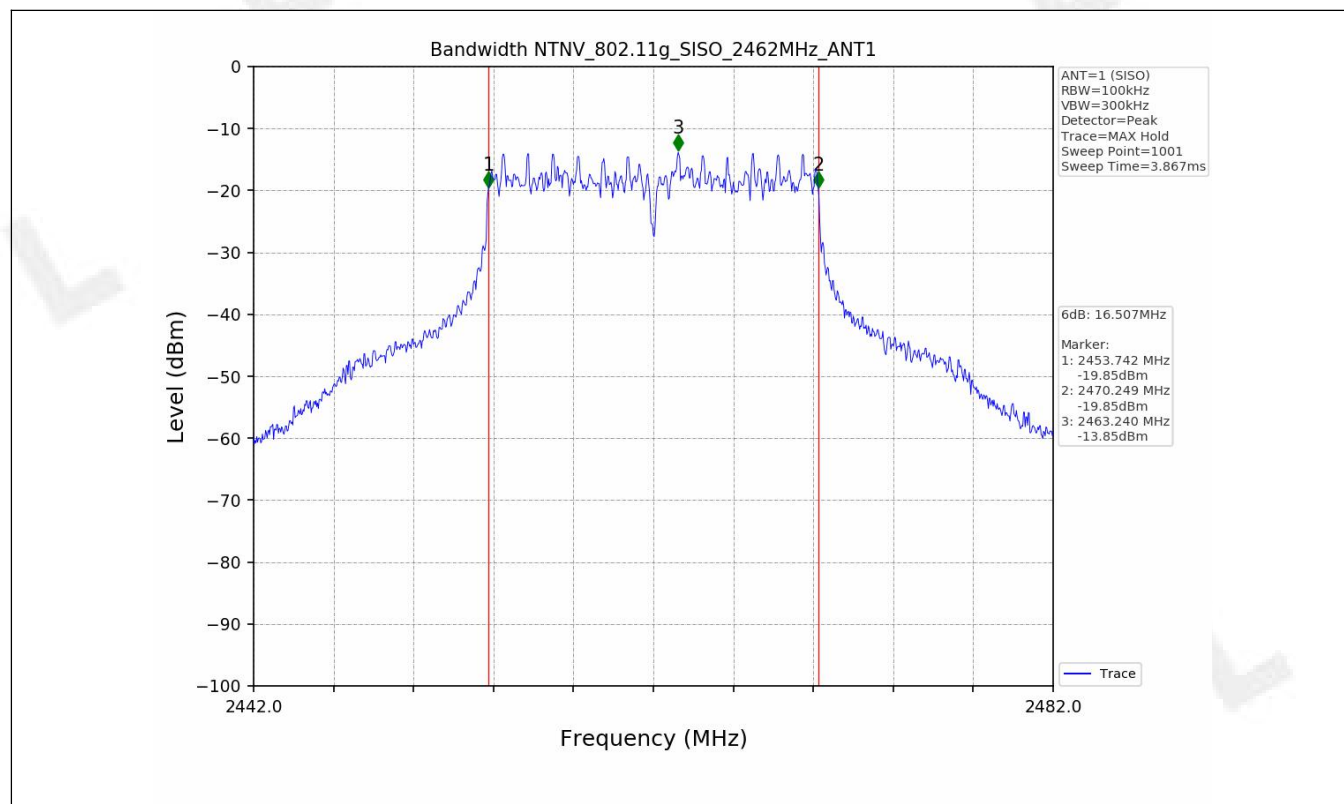
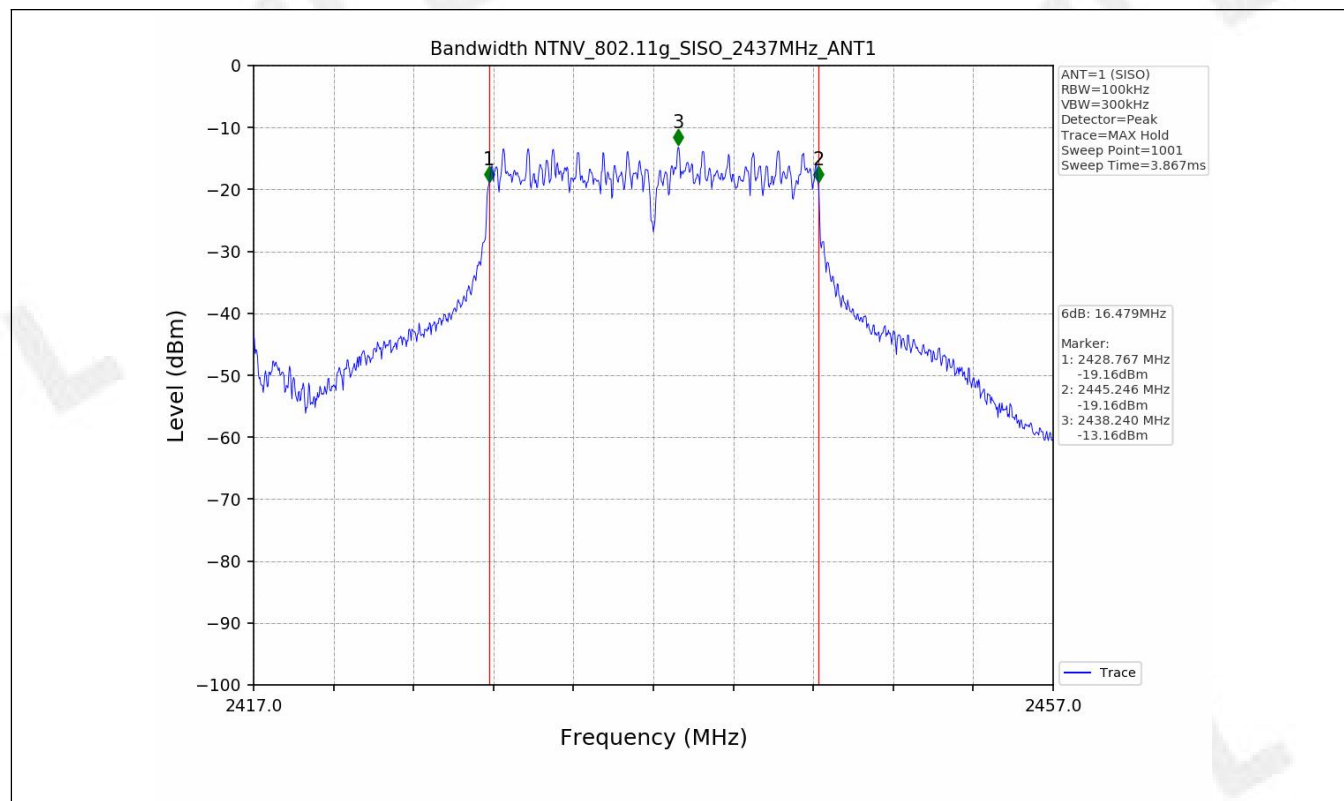
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth	Verdict
				Test Result (MHz)	
802.11b	2412	SISO	1	7.402	PASS
	2437	SISO	1	8.492	PASS
	2462	SISO	1	7.748	PASS
802.11g	2412	SISO	1	16.495	PASS
	2437	SISO	1	16.479	PASS
	2462	SISO	1	16.507	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	11.255	Only for Report Use
	2437	SISO	1	11.221	Only for Report Use
	2462	SISO	1	11.201	Only for Report Use
802.11g	2412	SISO	1	16.993	Only for Report Use
	2437	SISO	1	17.058	Only for Report Use
	2462	SISO	1	17.027	Only for Report Use

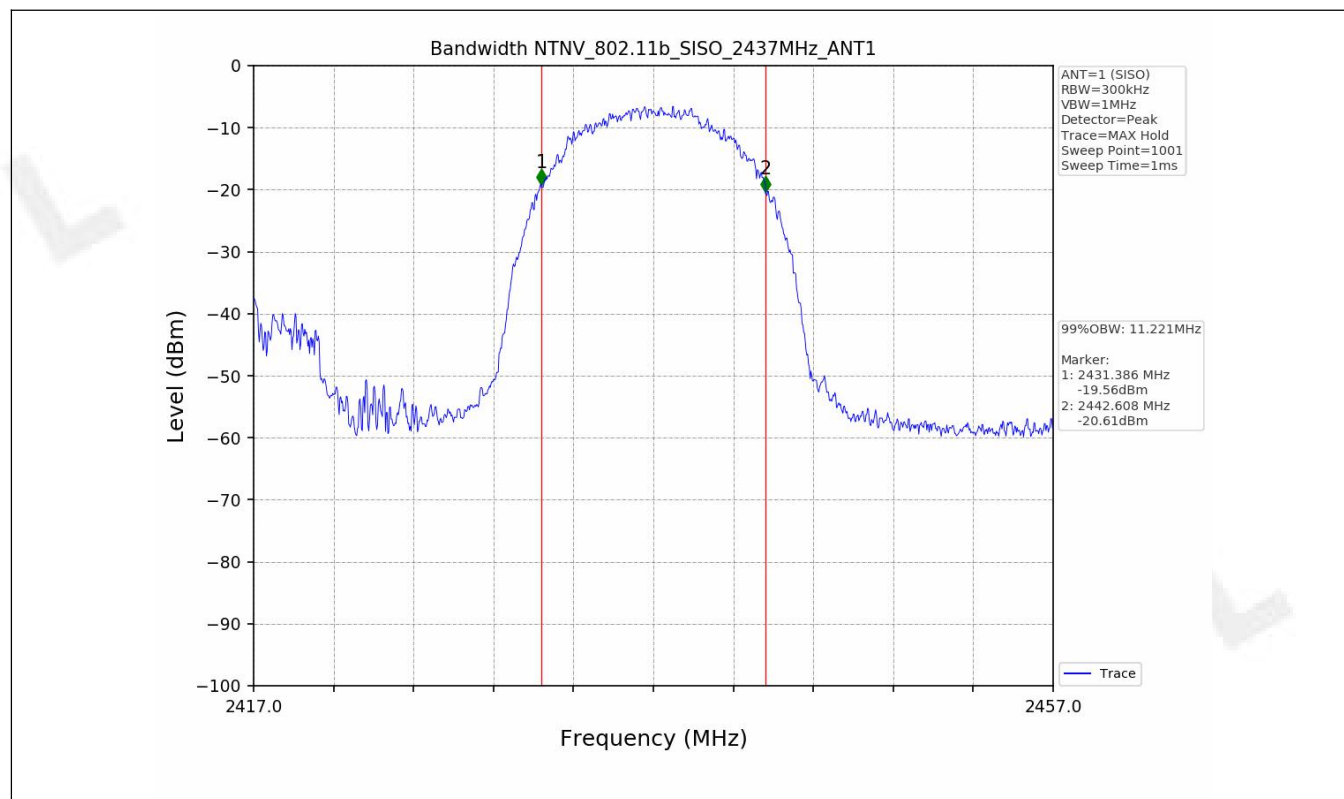
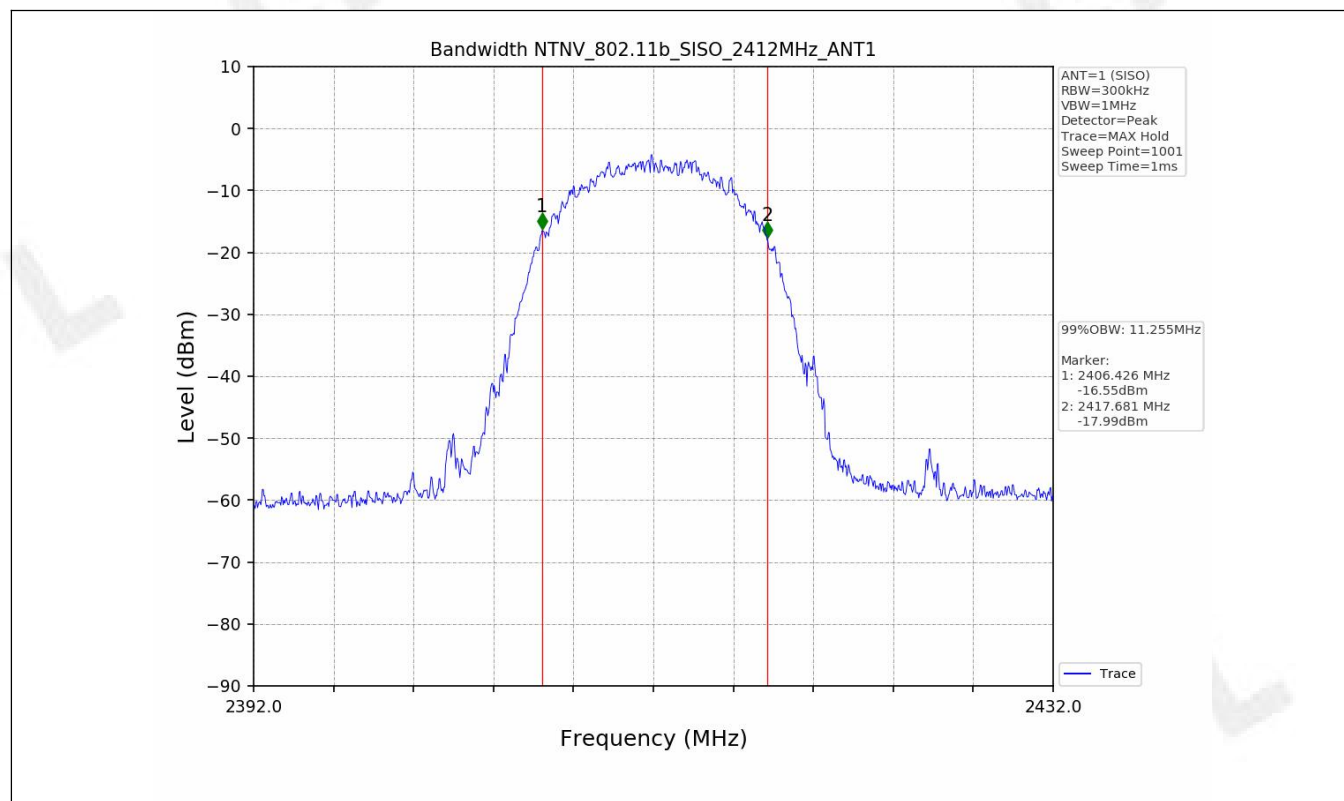
2.2 Test Graph - 6dB Bandwidth

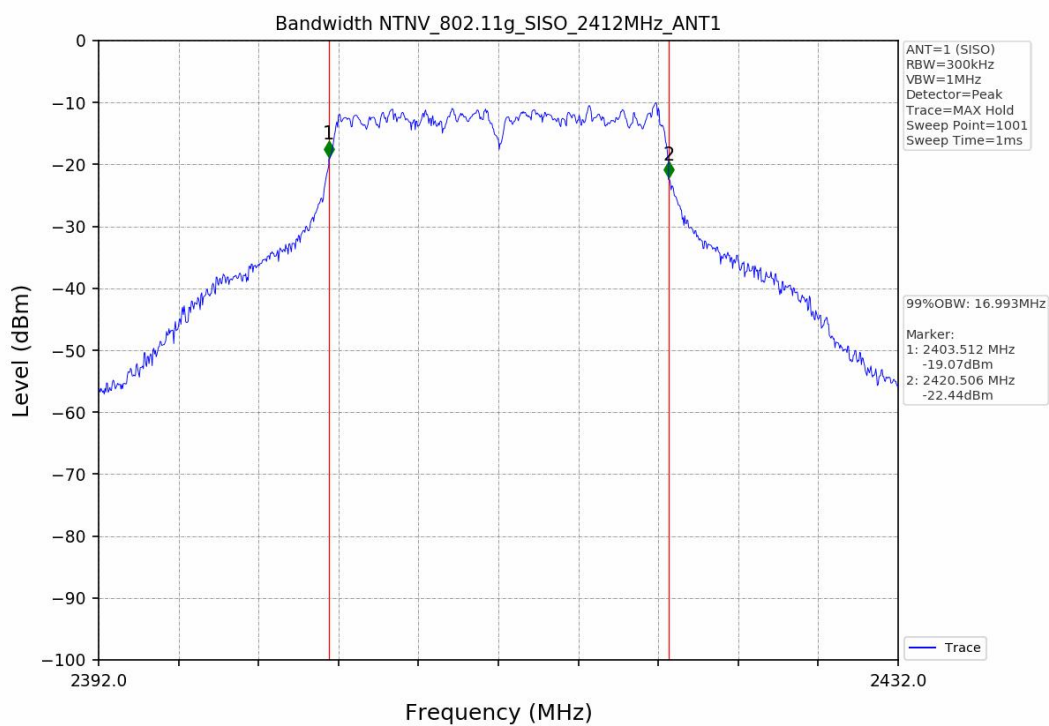
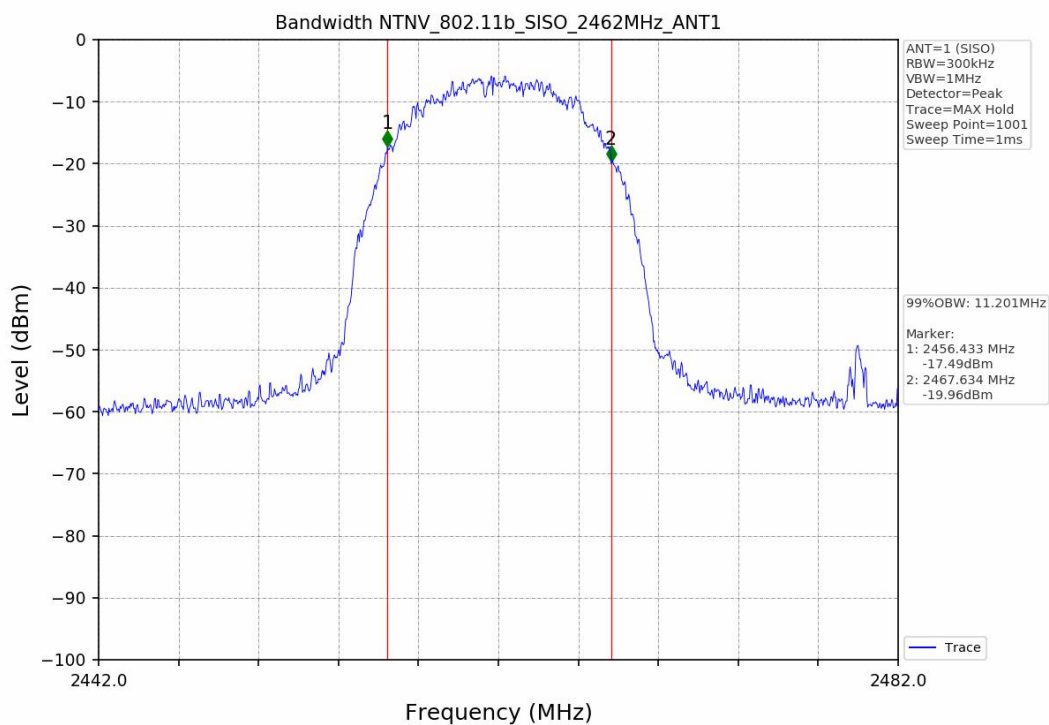


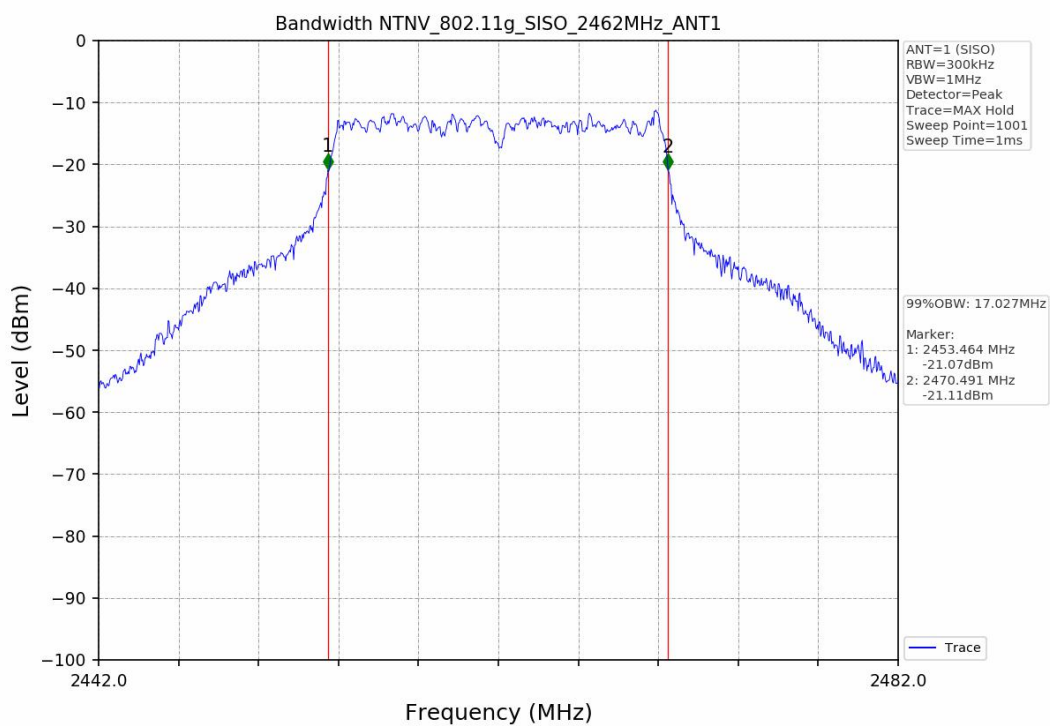
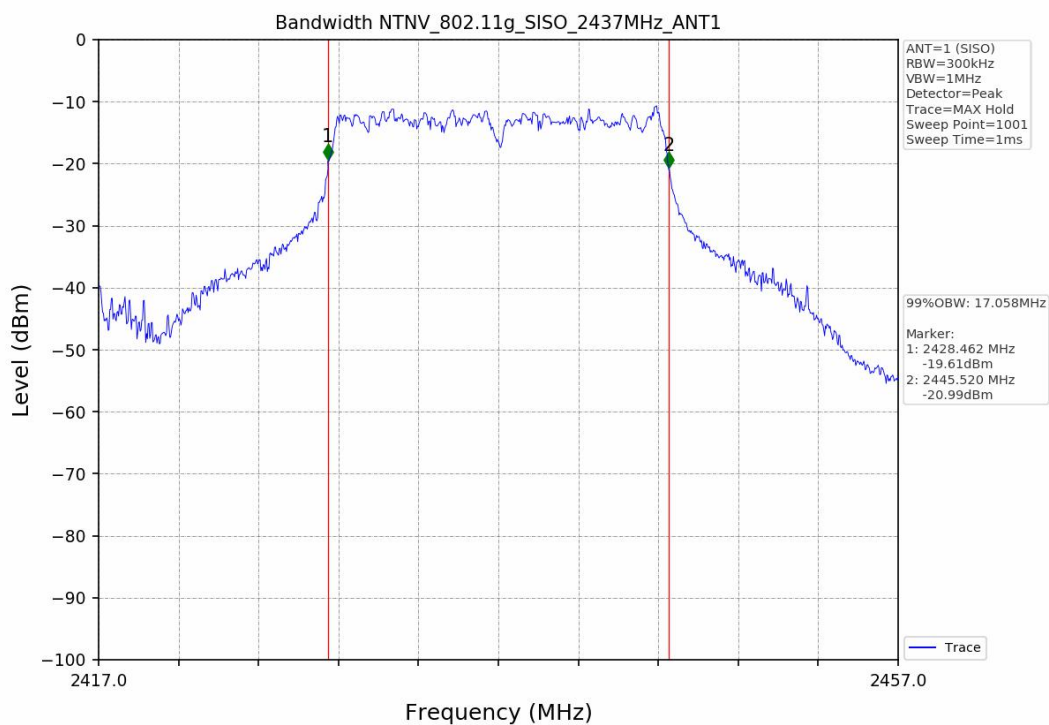




2.3 Test Graph - 99% Occupied Bandwidth





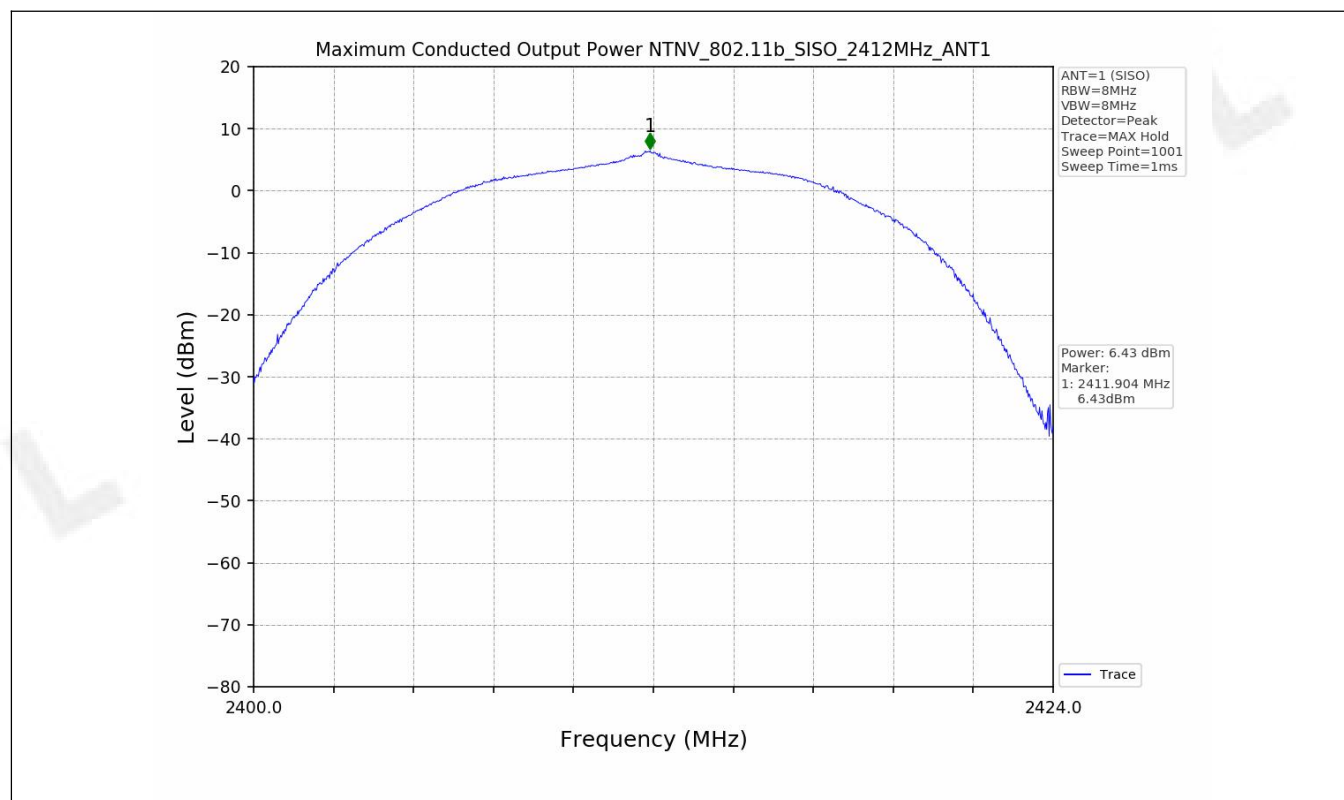


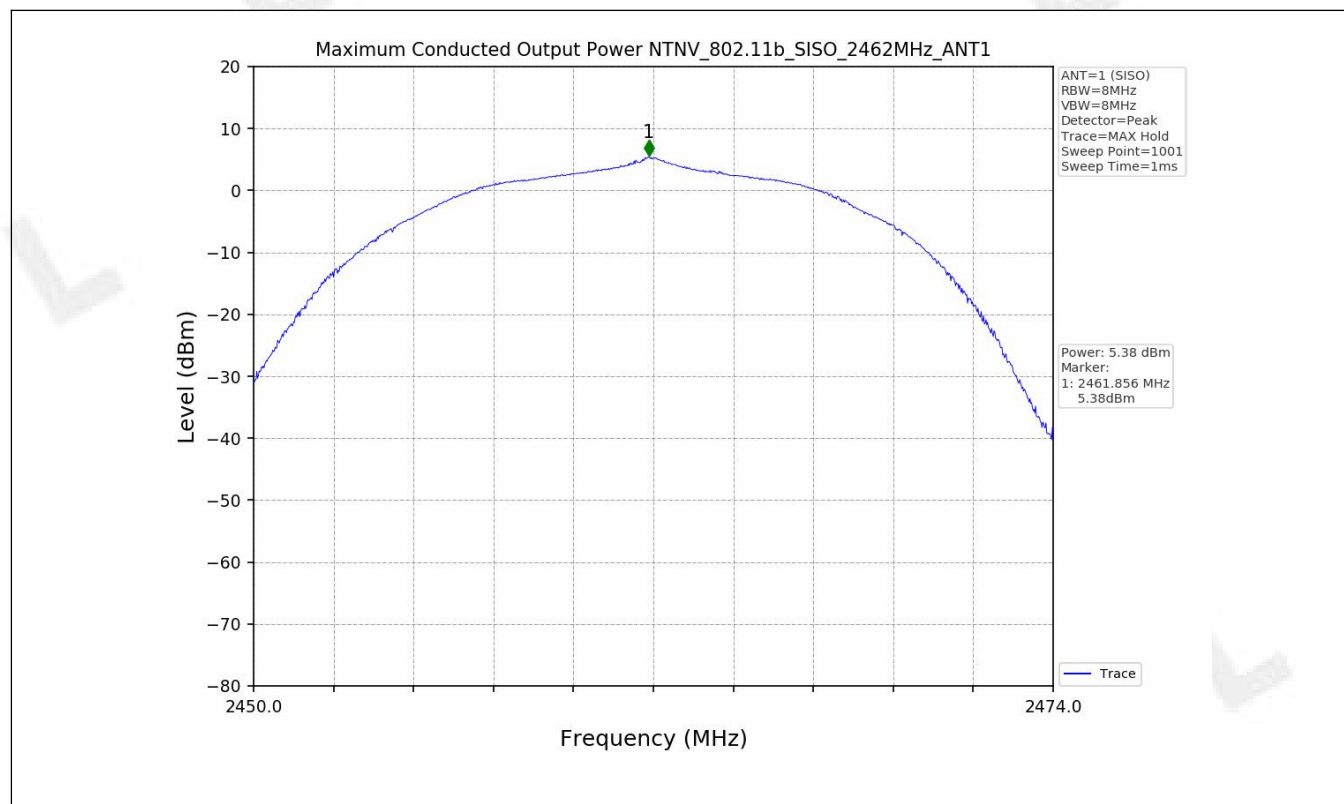
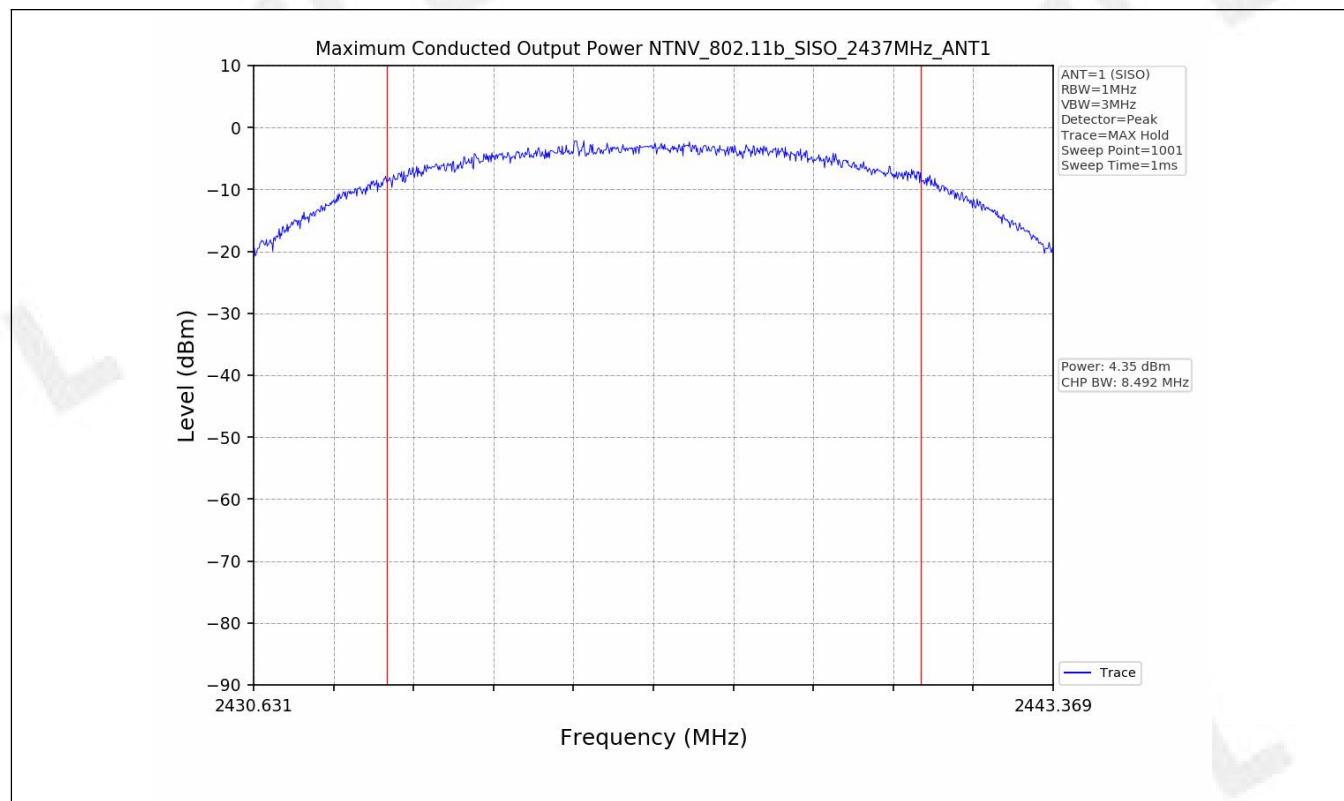
3. Maximum Conducted Output Power

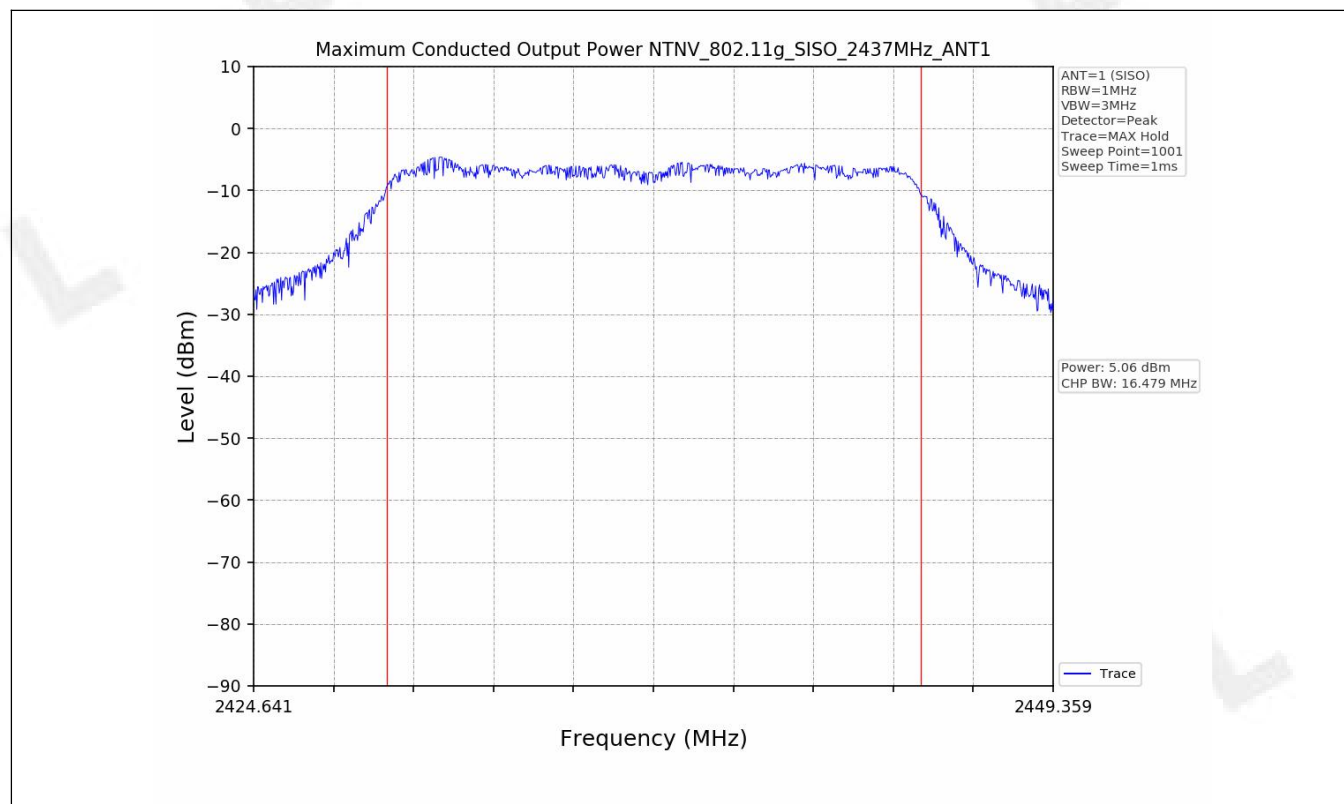
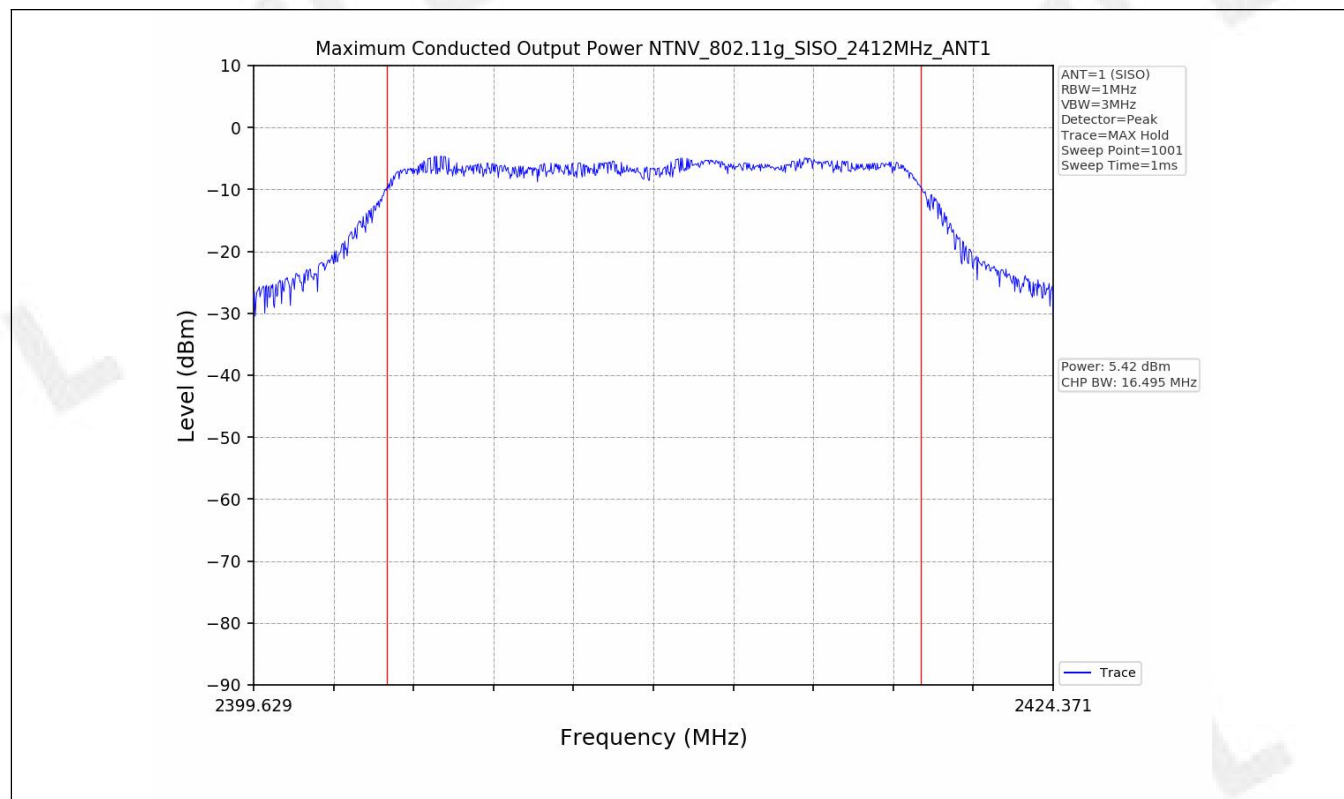
3.1 Test Result

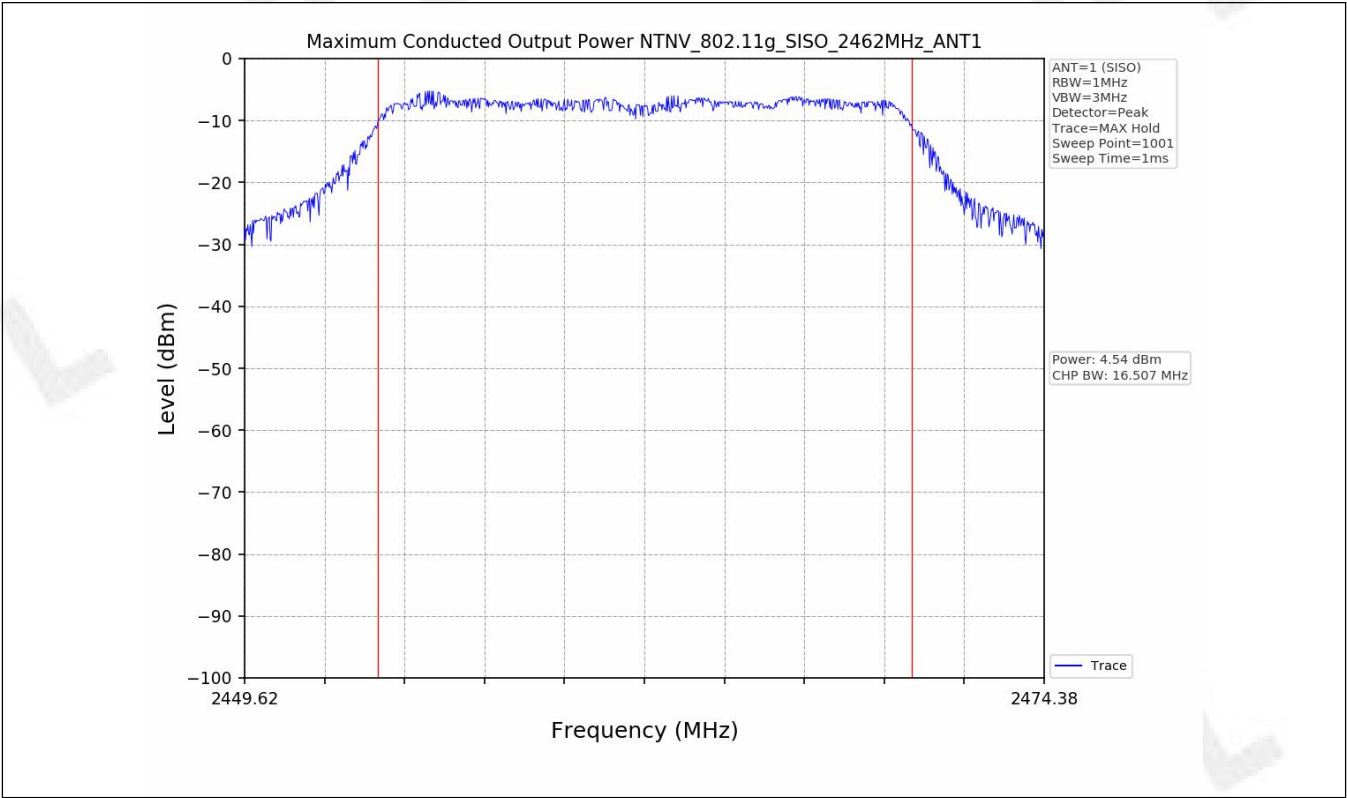
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
802.11b	2412	SISO	6.43	30	PASS
	2437	SISO	4.35	30	PASS
	2462	SISO	5.38	30	PASS
802.11g	2412	SISO	5.42	30	PASS
	2437	SISO	5.06	30	PASS
	2462	SISO	4.54	30	PASS

3.2 Test Graph







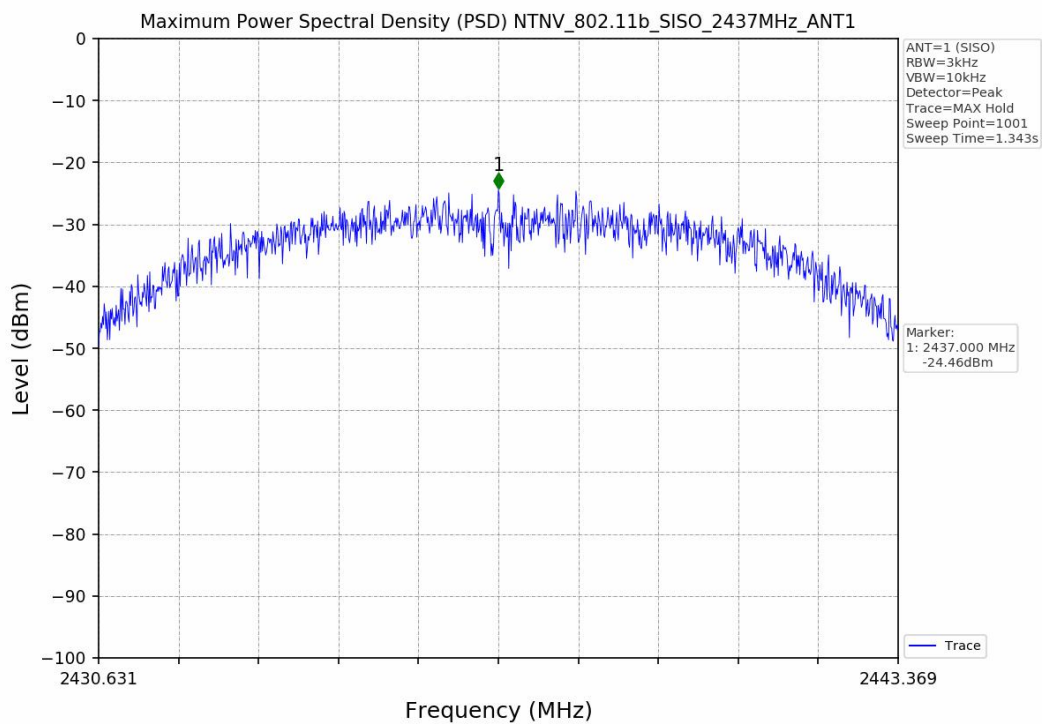
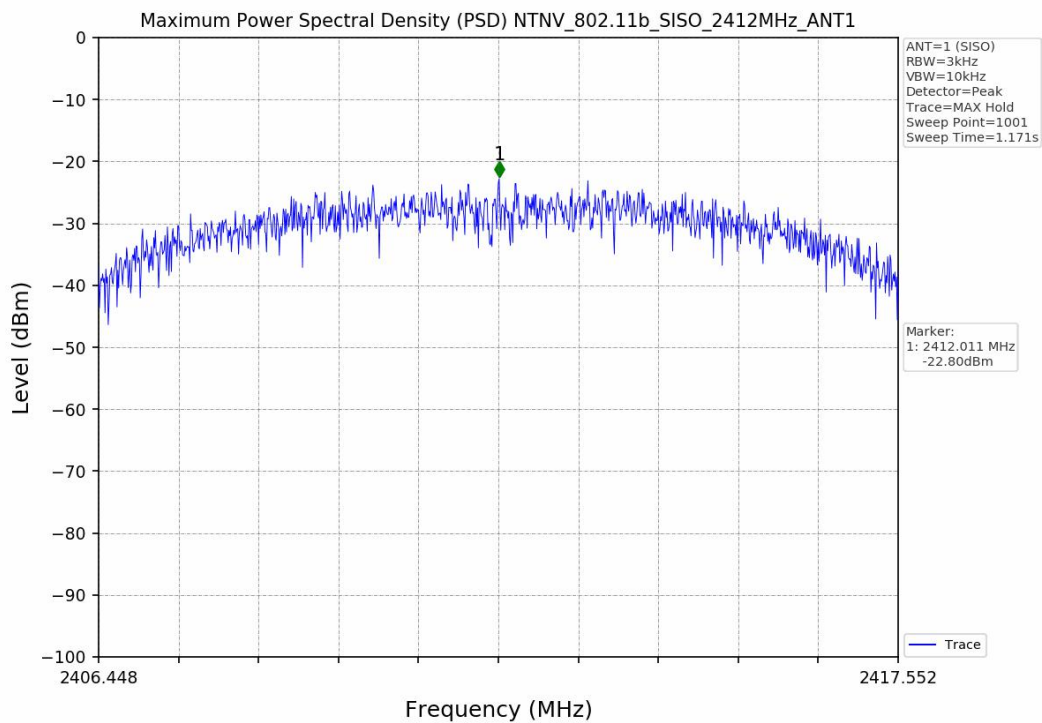


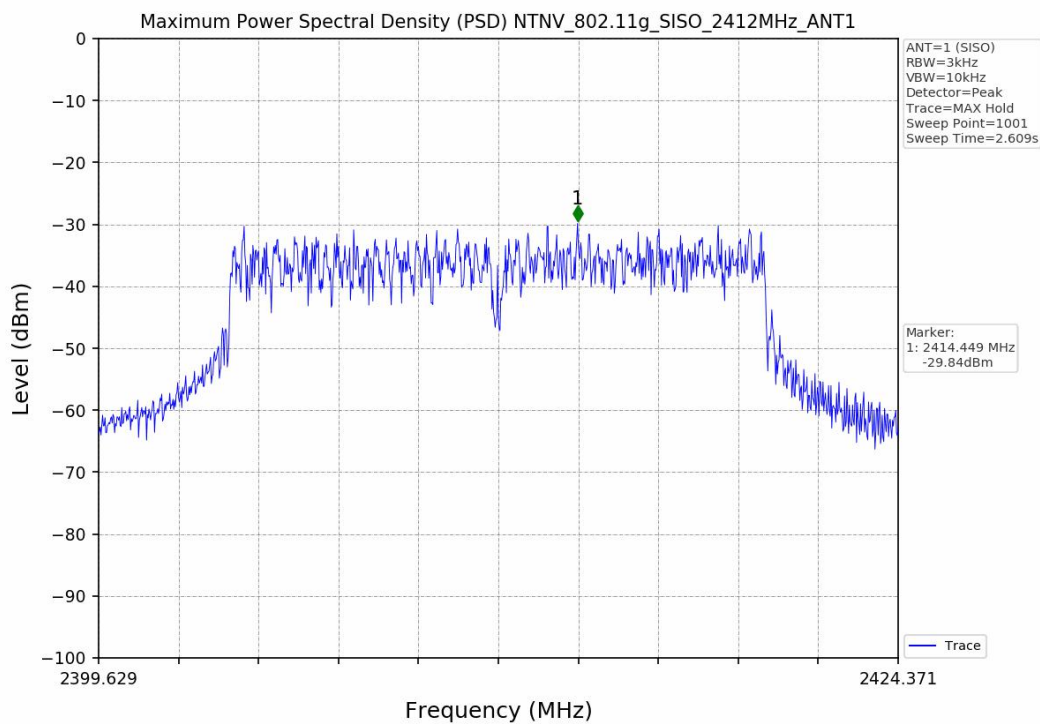
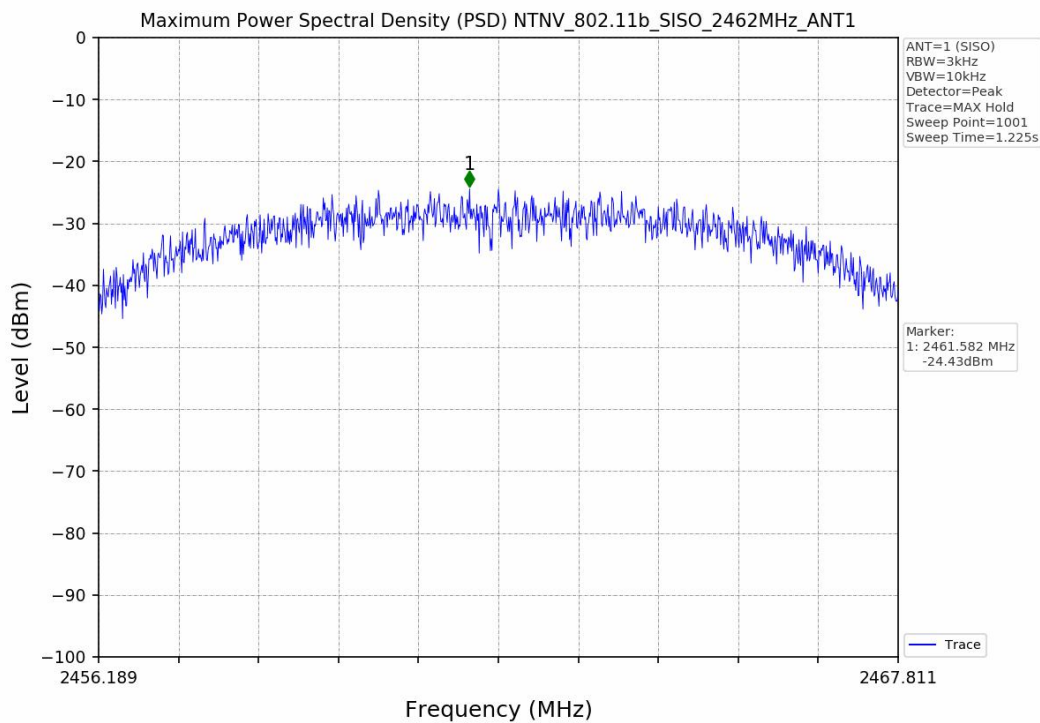
4. Maximum Power Spectral Density (PSD)

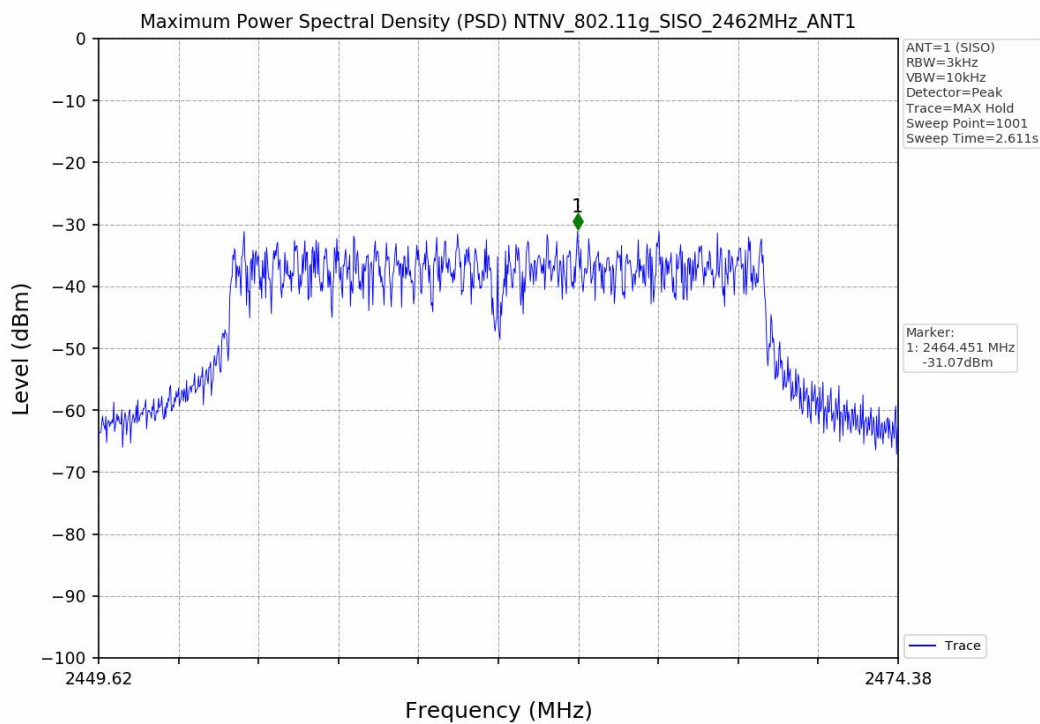
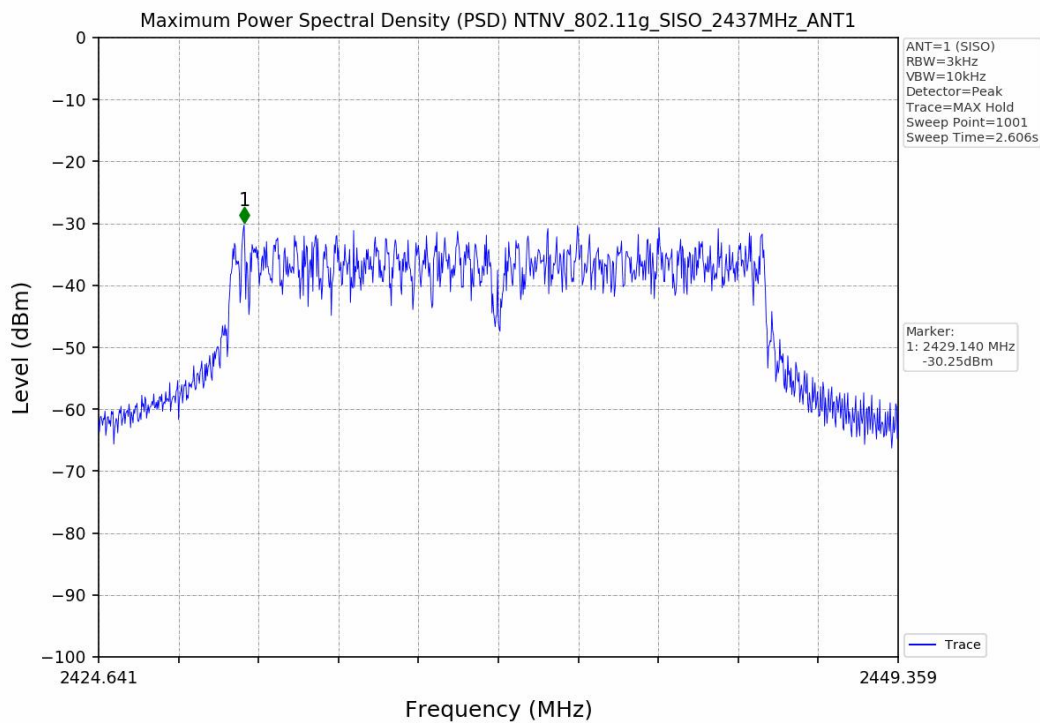
4.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
802.11b	2412	SISO	-22.80	≤8	PASS
	2437	SISO	-24.46	≤8	PASS
	2462	SISO	-24.43	≤8	PASS
802.11g	2412	SISO	-29.84	≤8	PASS
	2437	SISO	-30.25	≤8	PASS
	2462	SISO	-31.07	≤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	-27.53	PASS
	2437	SISO	1	Refer to test graph	-27.53	PASS
	2462	SISO	1	Refer to test graph	-27.53	PASS
802.11g	2412	SISO	1	Refer to test graph	-32.68	PASS
	2437	SISO	1	Refer to test graph	-32.68	PASS
	2462	SISO	1	Refer to test graph	-32.68	PASS

5.2 Test Graph

