

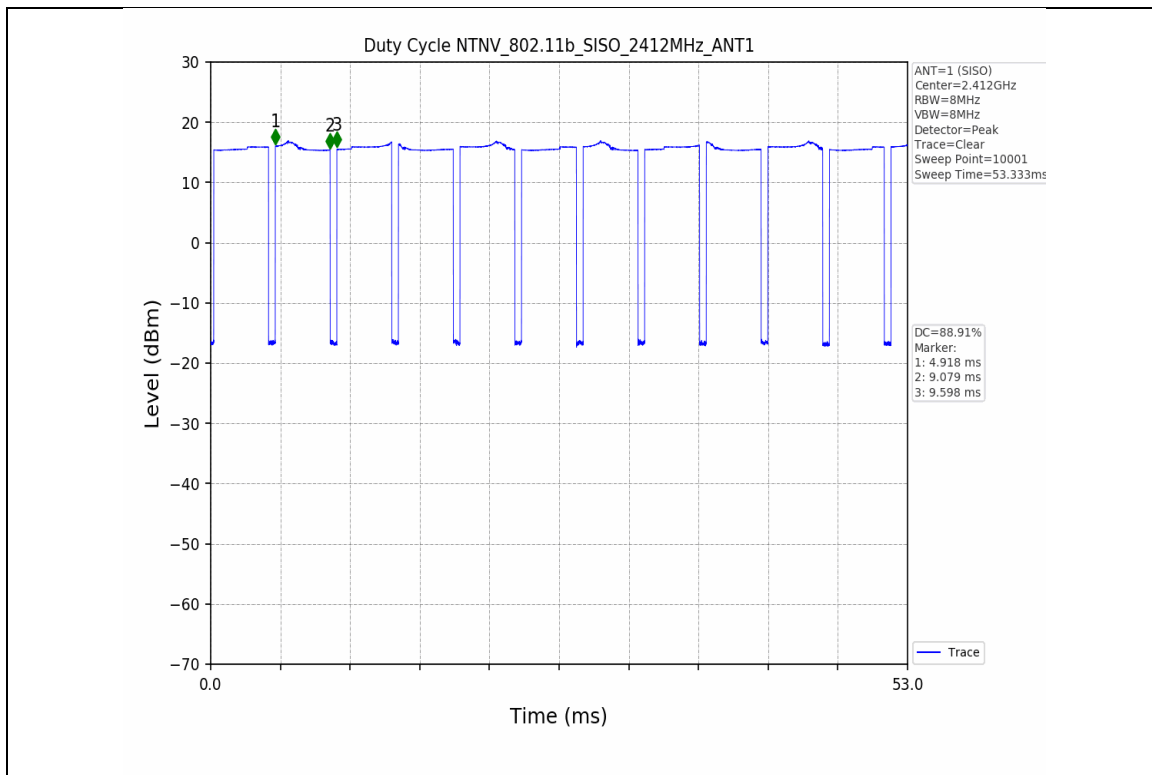
Appendix for 15.247

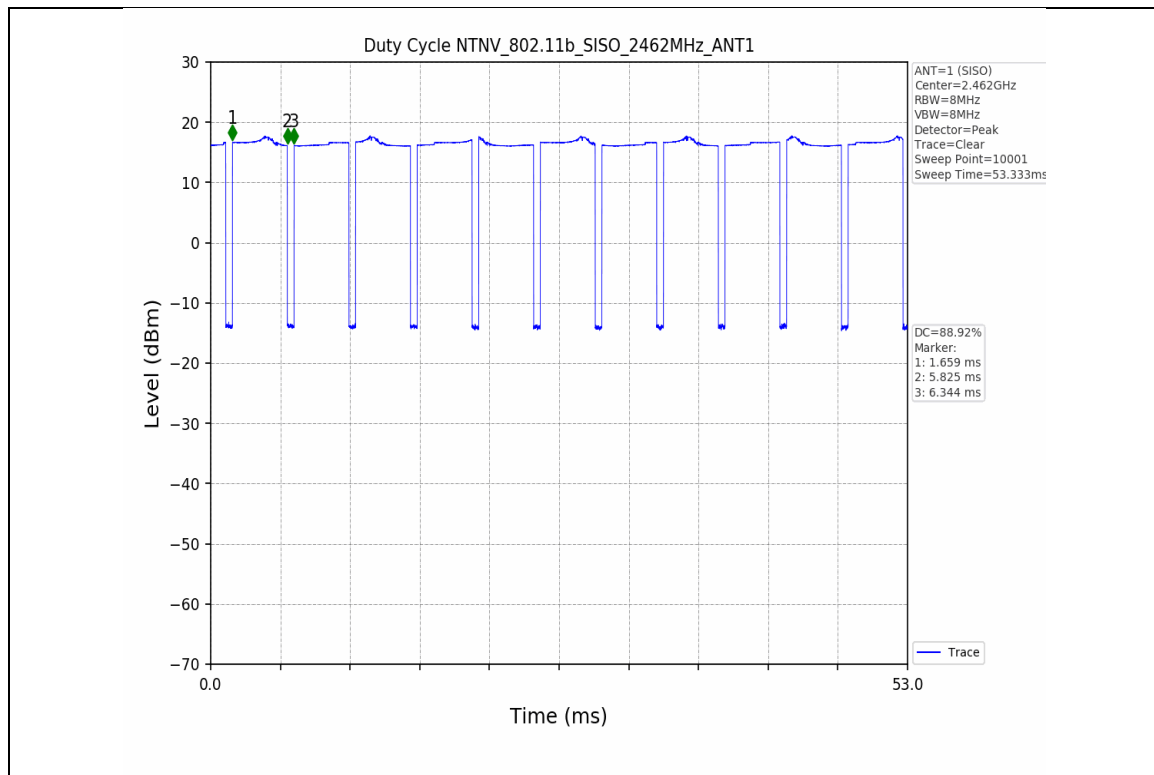
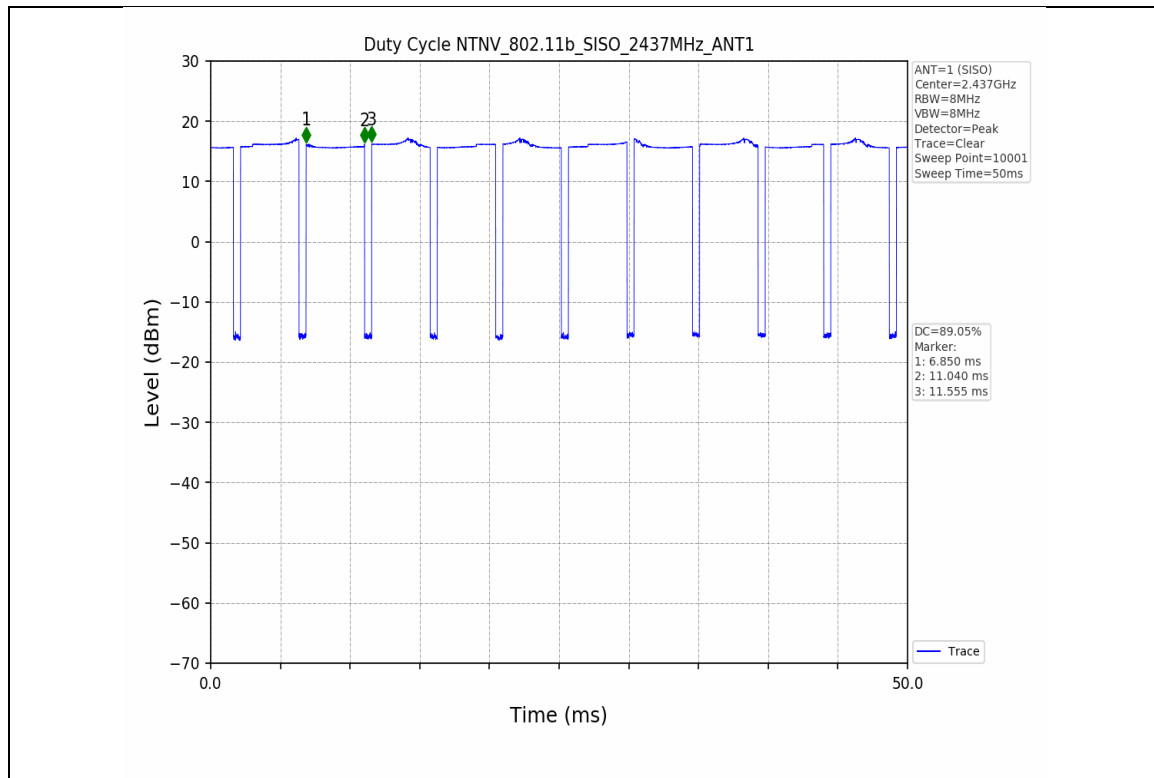
1. Duty Cycle

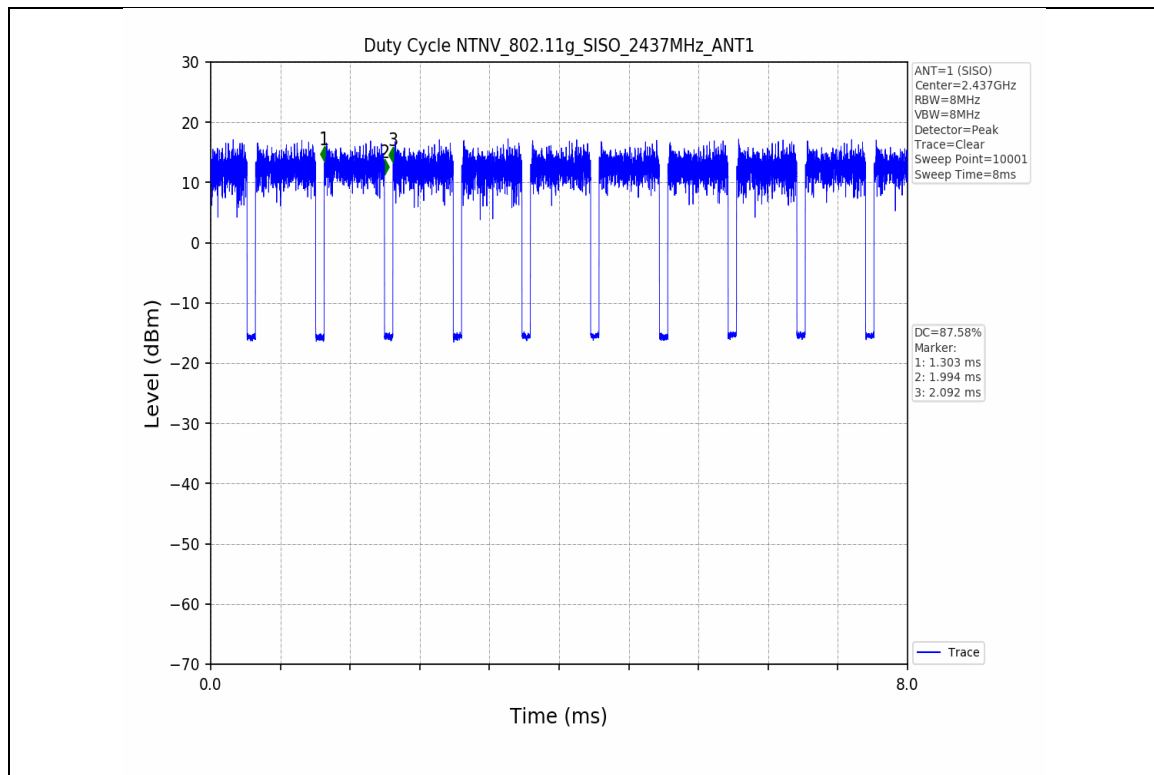
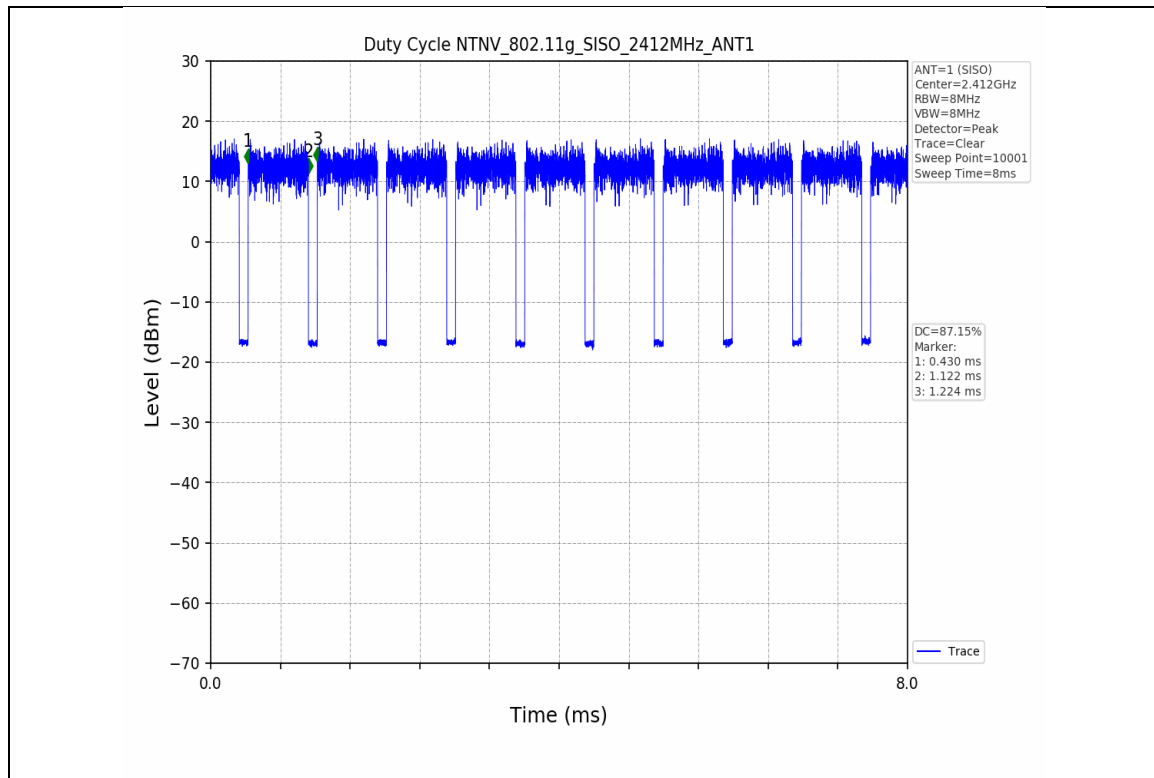
1.1 Test Result

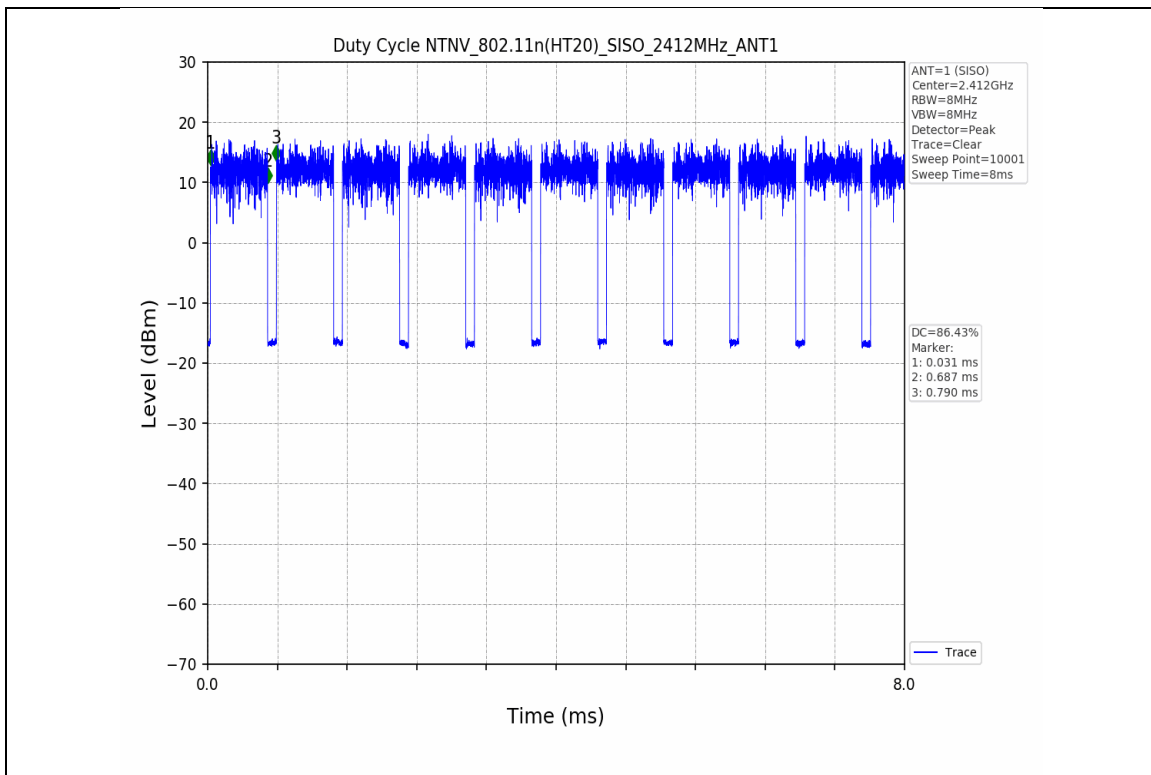
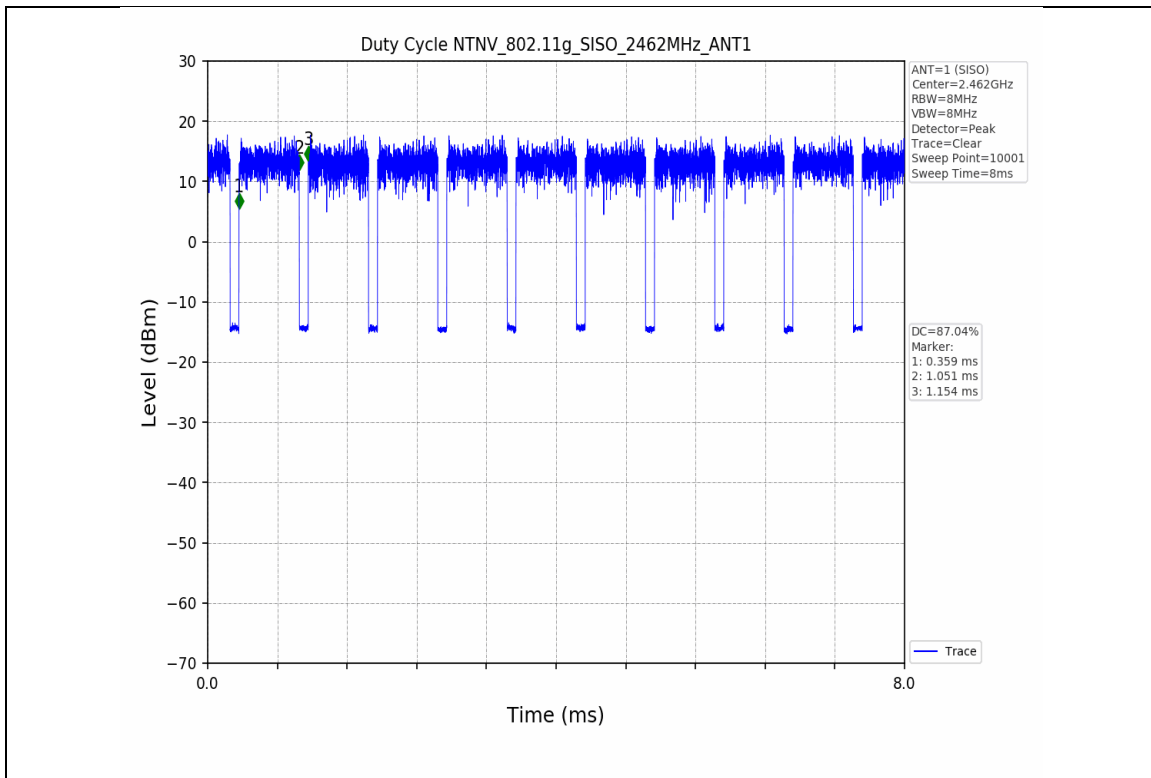
Test Mode	Channel Frequency(MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11b	2412	SISO	1	4.161	4.680	88.91	0.51
	2437	SISO	1	4.190	4.705	89.05	0.50
	2462	SISO	1	4.166	4.685	88.92	0.51
802.11g	2412	SISO	1	0.692	0.794	87.15	0.60
	2437	SISO	1	0.691	0.789	87.58	0.58
	2462	SISO	1	0.692	0.795	87.04	0.60
802.11n(HT20)	2412	SISO	1	0.656	0.759	86.43	0.63
	2437	SISO	1	0.656	0.759	86.43	0.63
	2462	SISO	1	0.656	0.759	86.43	0.63

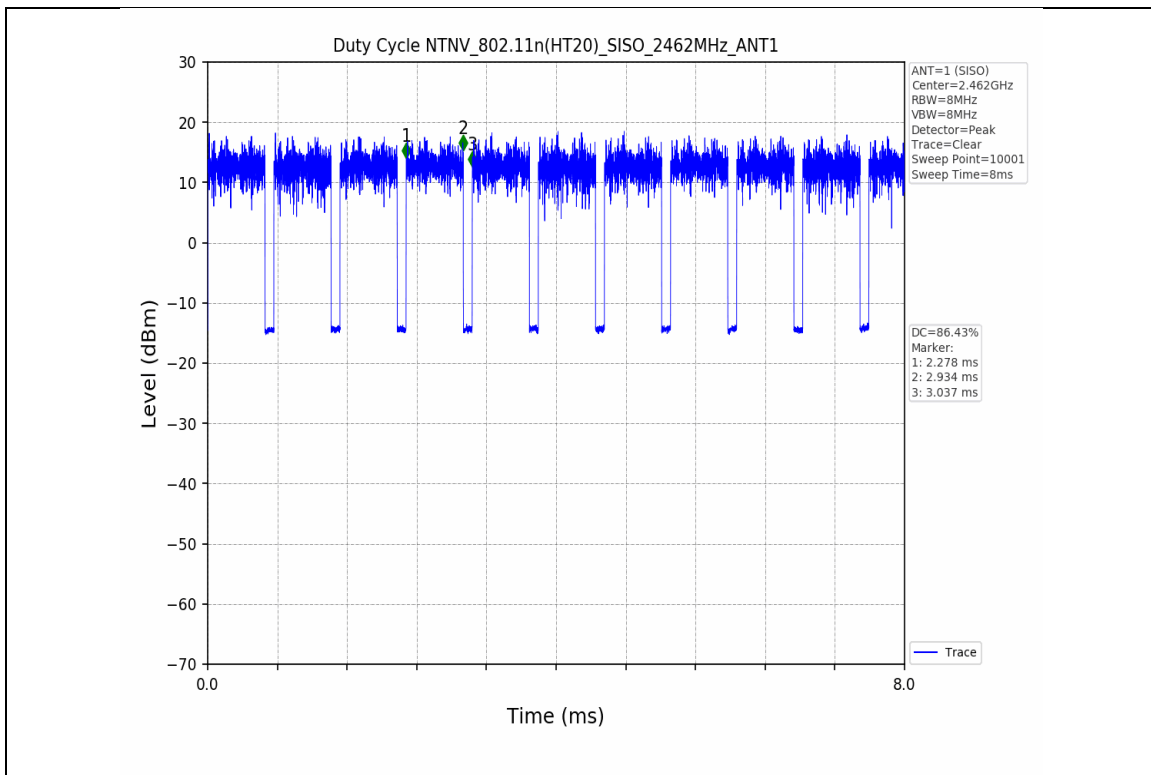
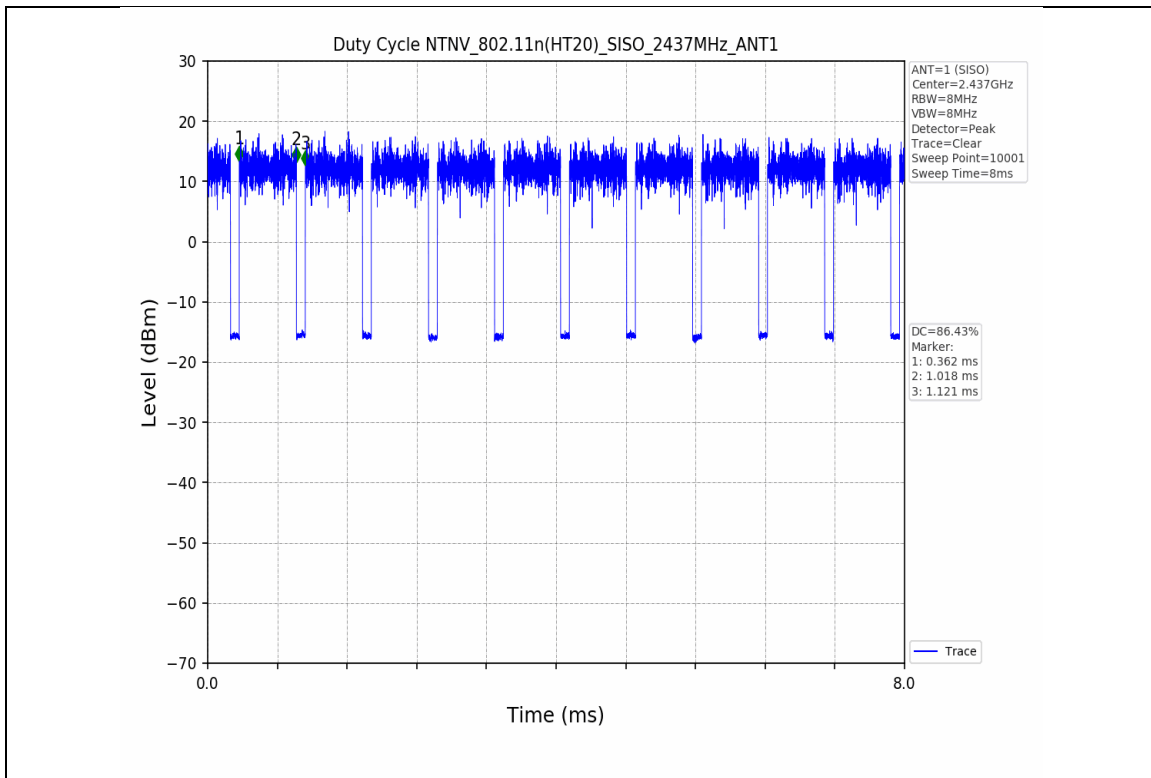
1.2 Test Graph











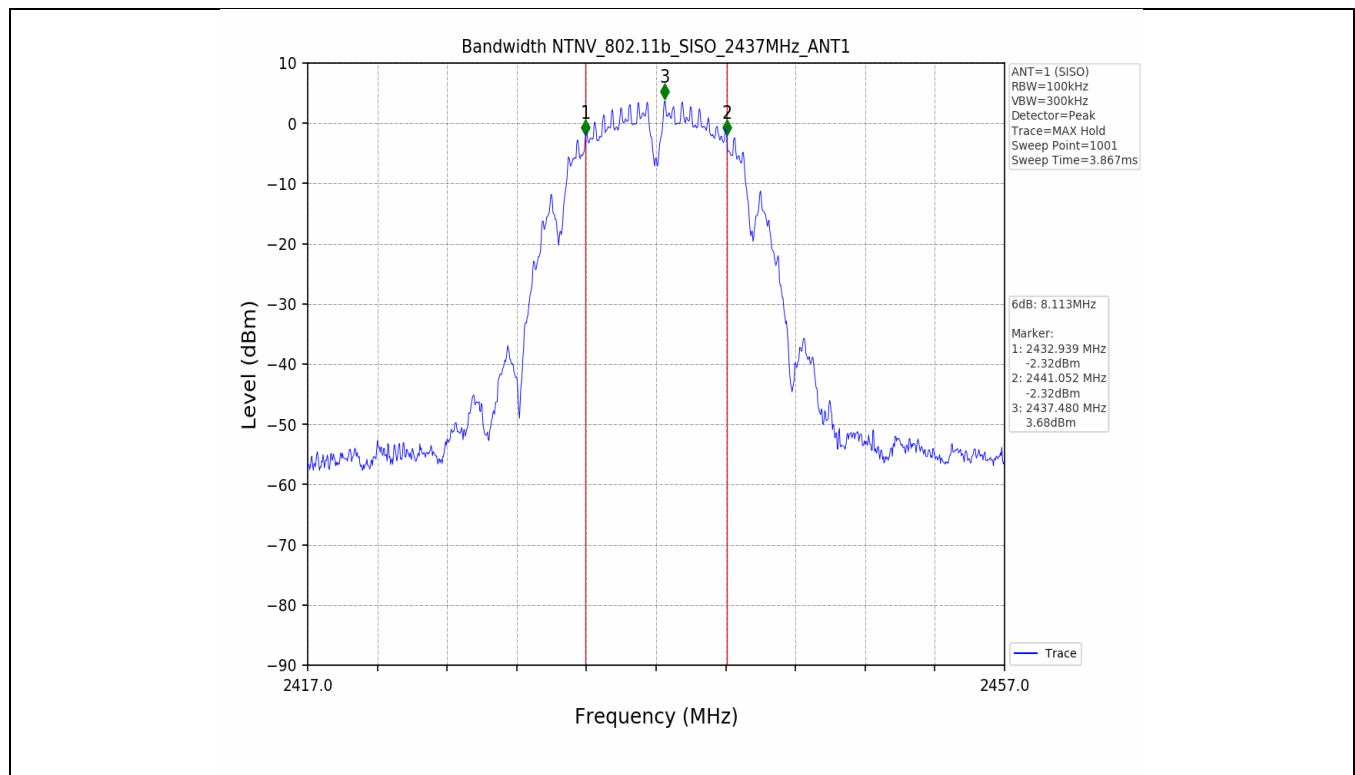
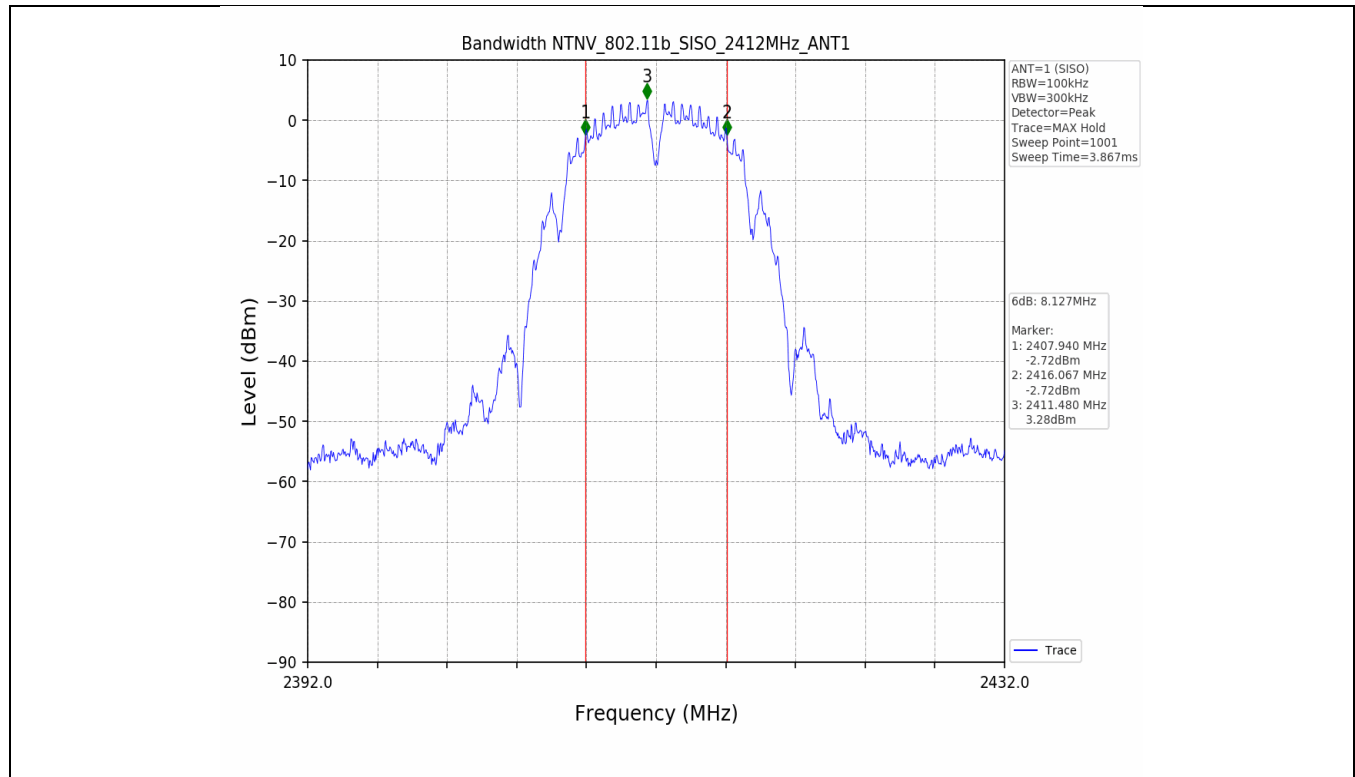
2. Bandwidth

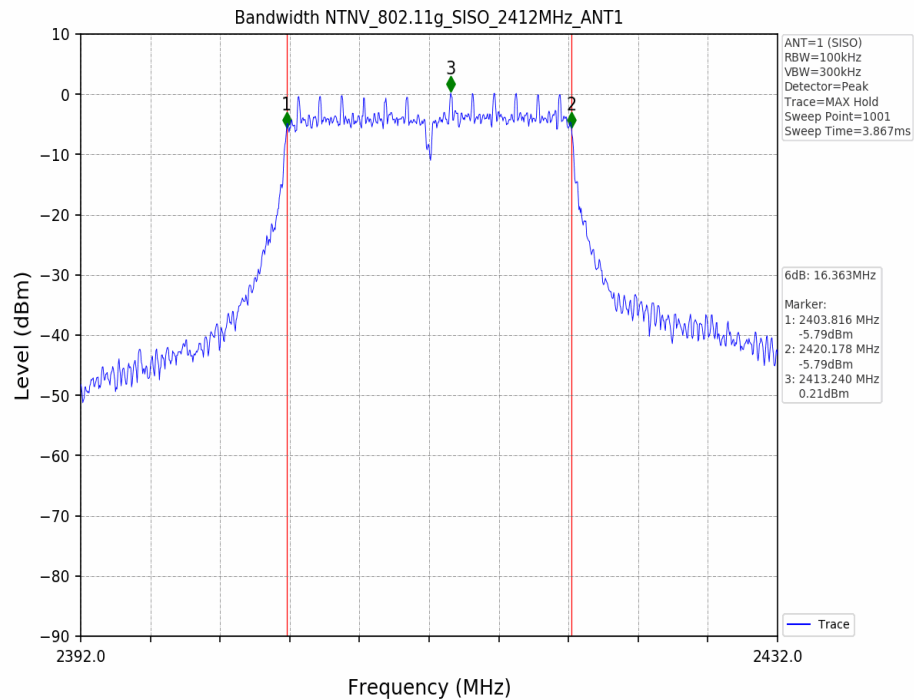
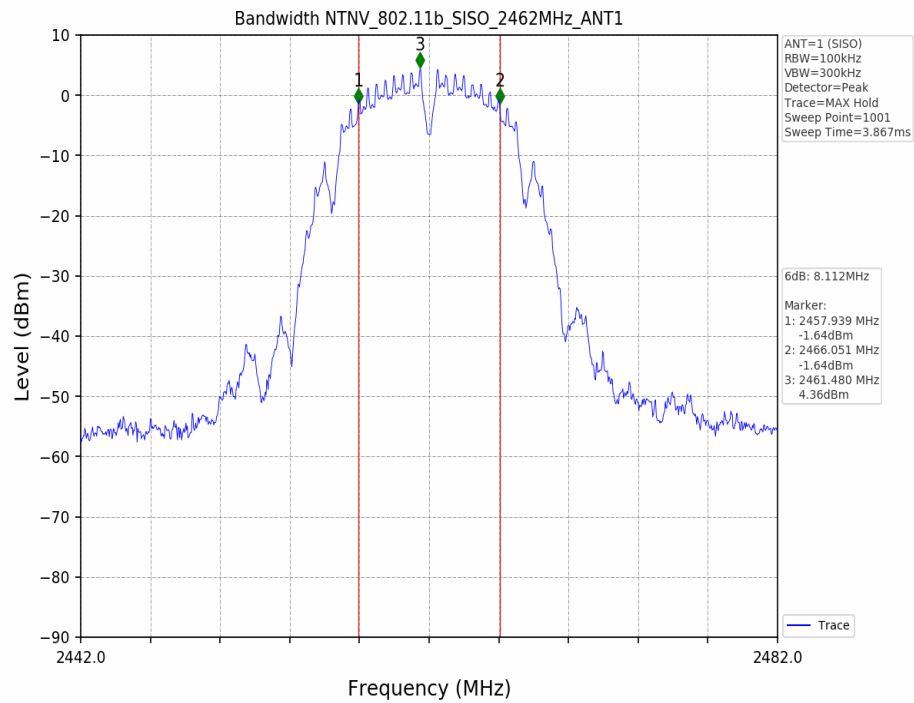
2.1 Test Result

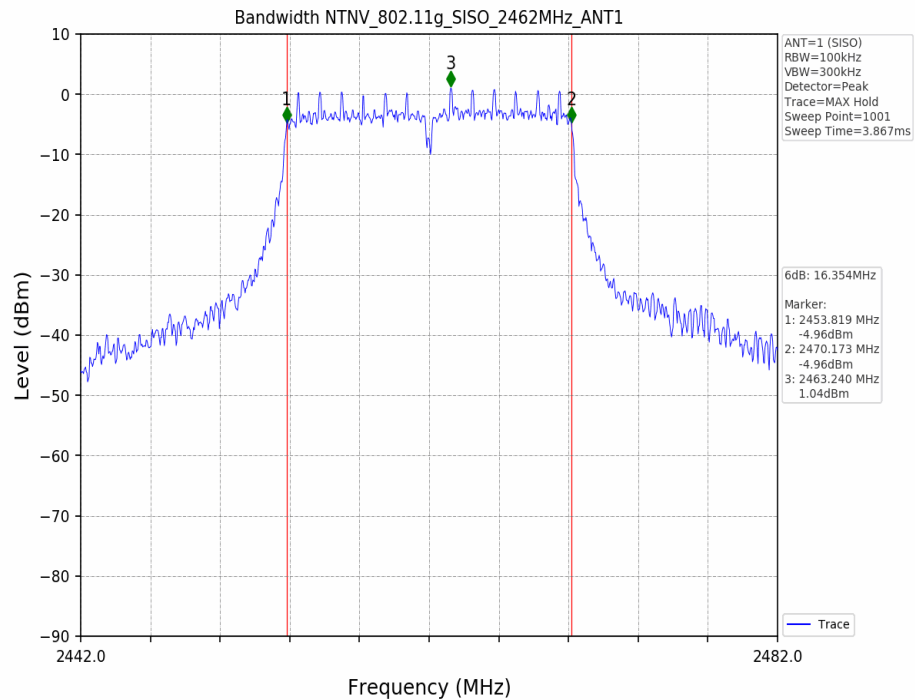
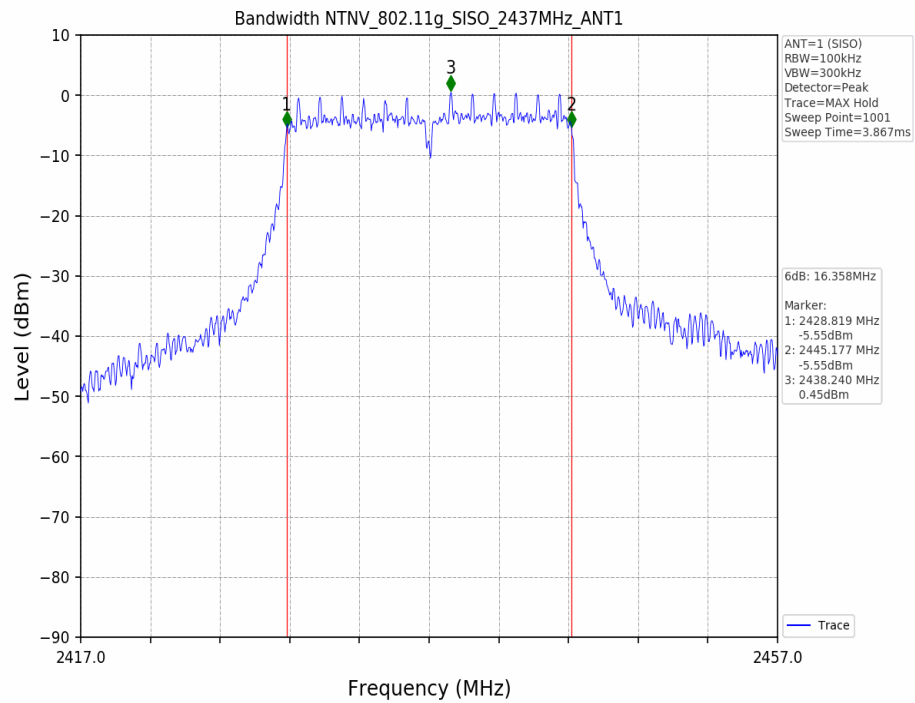
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11b	2412	SISO	1	8.127	≥0.5	PASS
	2437	SISO	1	8.113	≥0.5	PASS
	2462	SISO	1	8.112	≥0.5	PASS
802.11g	2412	SISO	1	16.363	≥0.5	PASS
	2437	SISO	1	16.358	≥0.5	PASS
	2462	SISO	1	16.354	≥0.5	PASS
802.11n(HT20)	2412	SISO	1	16.753	≥0.5	PASS
	2437	SISO	1	16.722	≥0.5	PASS
	2462	SISO	1	16.701	≥0.5	PASS

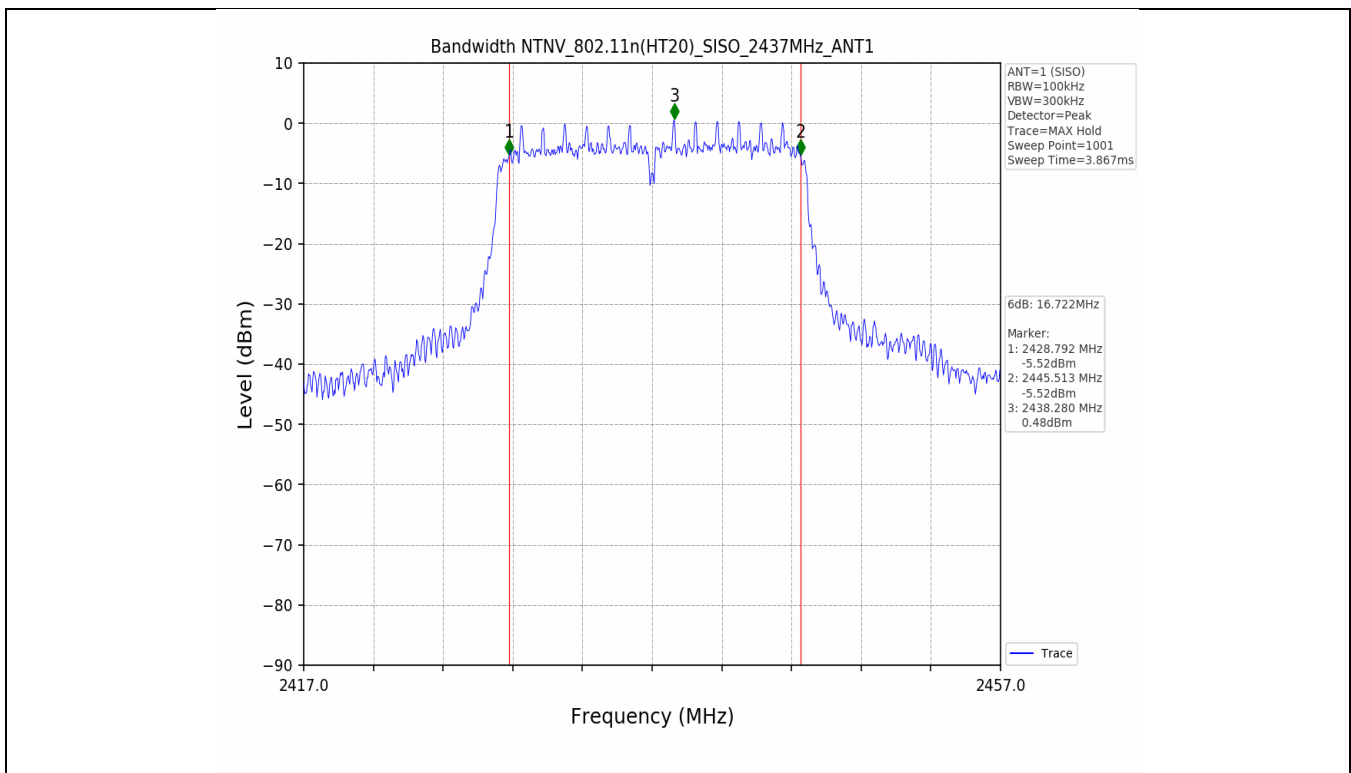
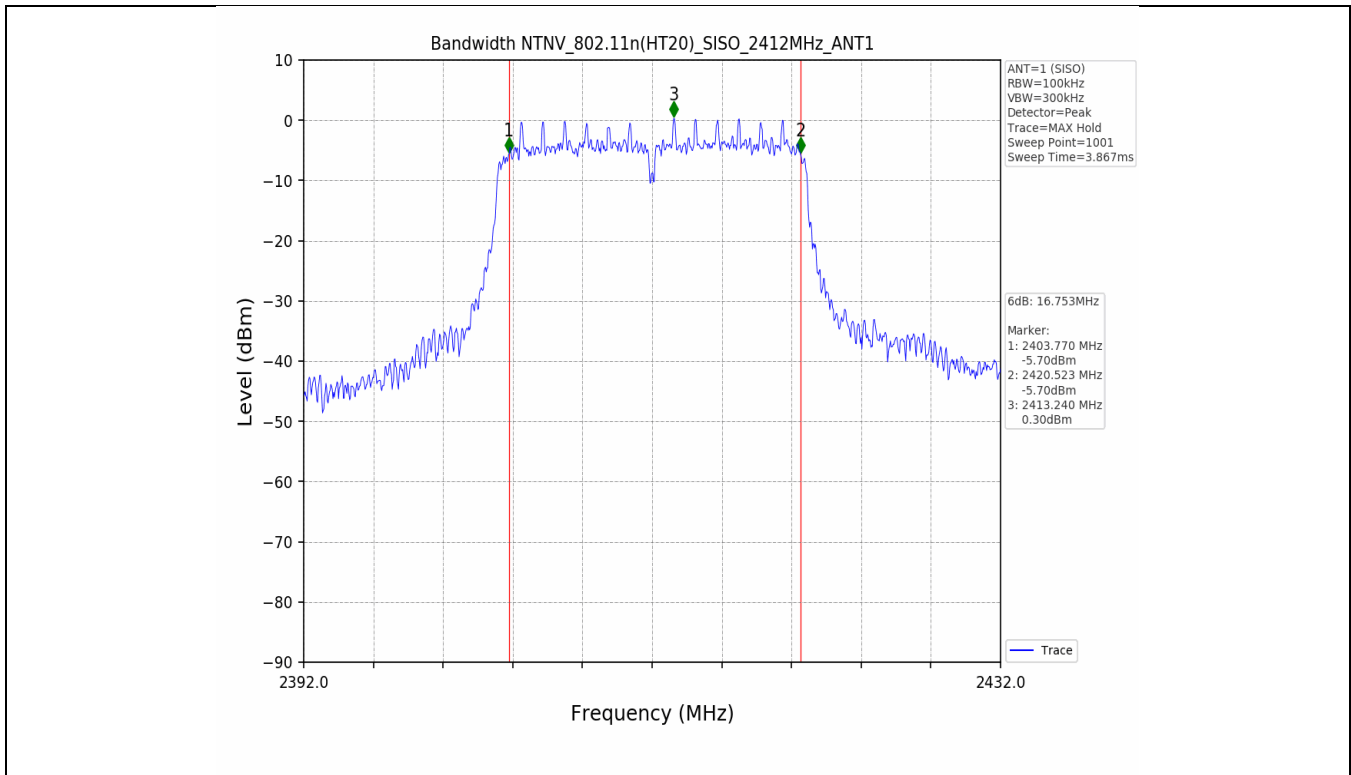
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	10.585	Only for Report Use
	2437	SISO	1	10.658	Only for Report Use
	2462	SISO	1	10.696	Only for Report Use
802.11g	2412	SISO	1	16.700	Only for Report Use
	2437	SISO	1	16.708	Only for Report Use
	2462	SISO	1	16.712	Only for Report Use
802.11n(HT20)	2412	SISO	1	17.632	Only for Report Use
	2437	SISO	1	17.639	Only for Report Use
	2462	SISO	1	17.671	Only for Report Use

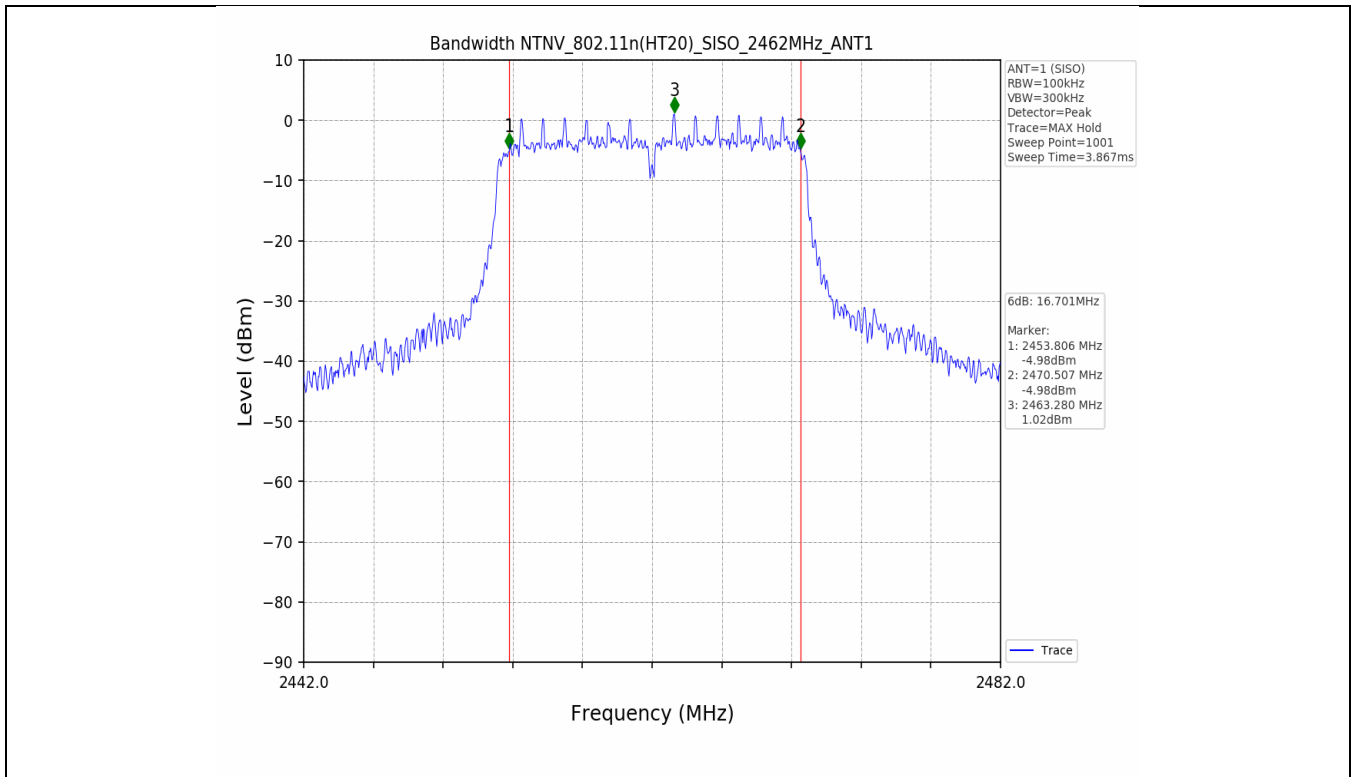
2.2 Test Graph - 6dB Bandwidth



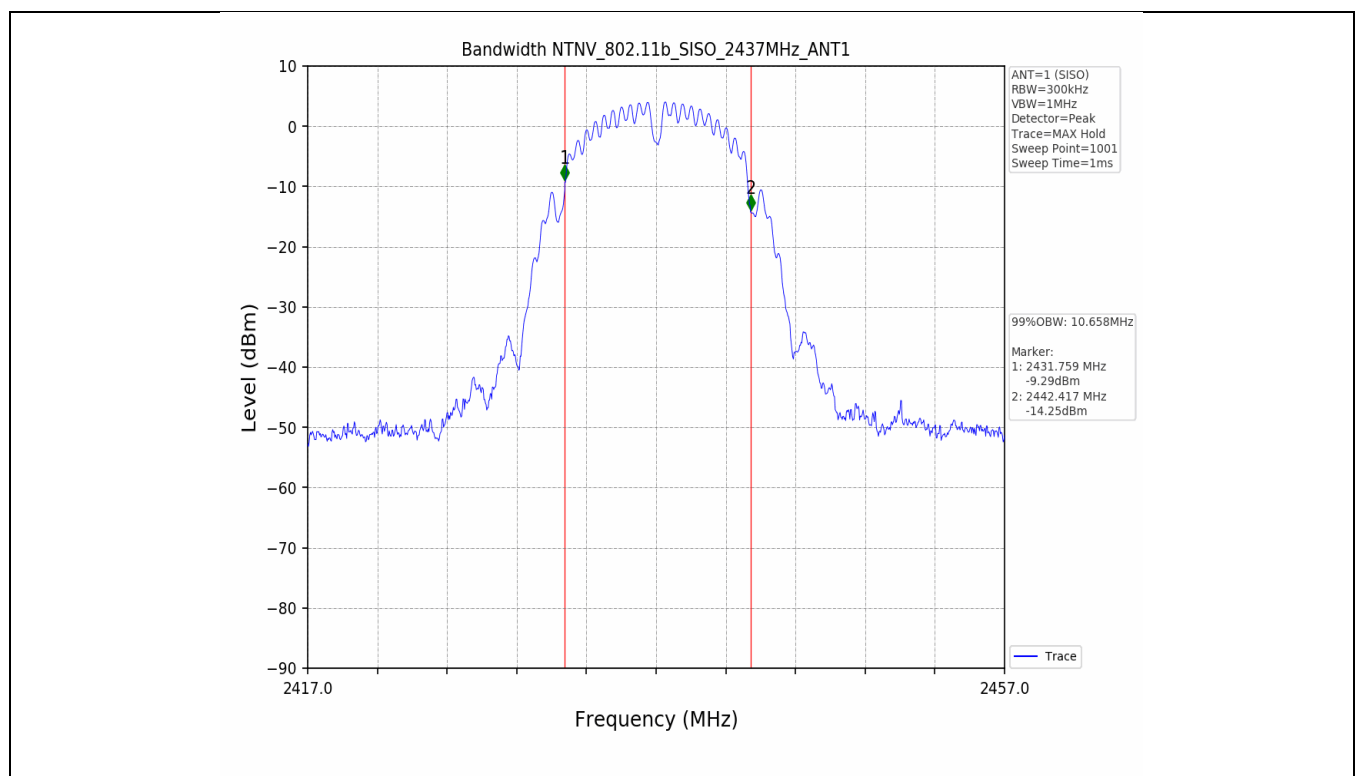
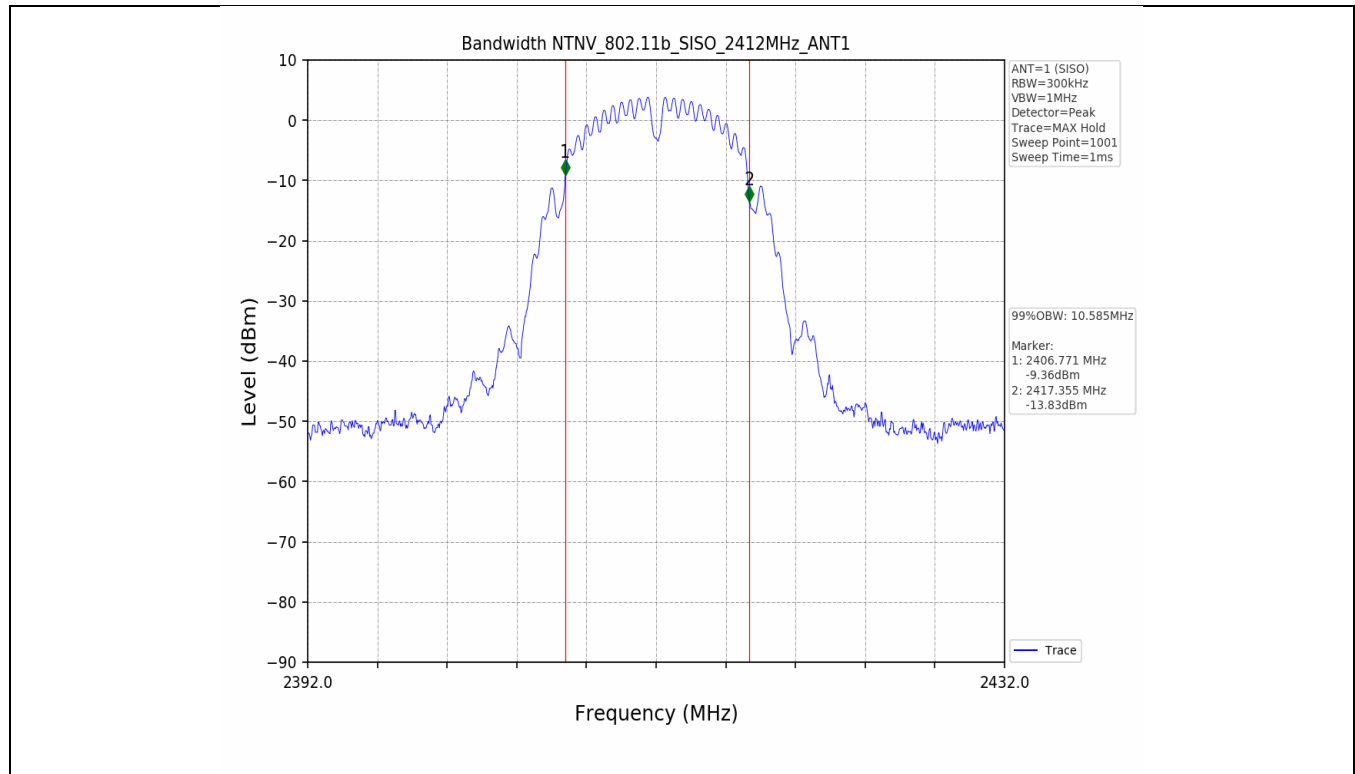


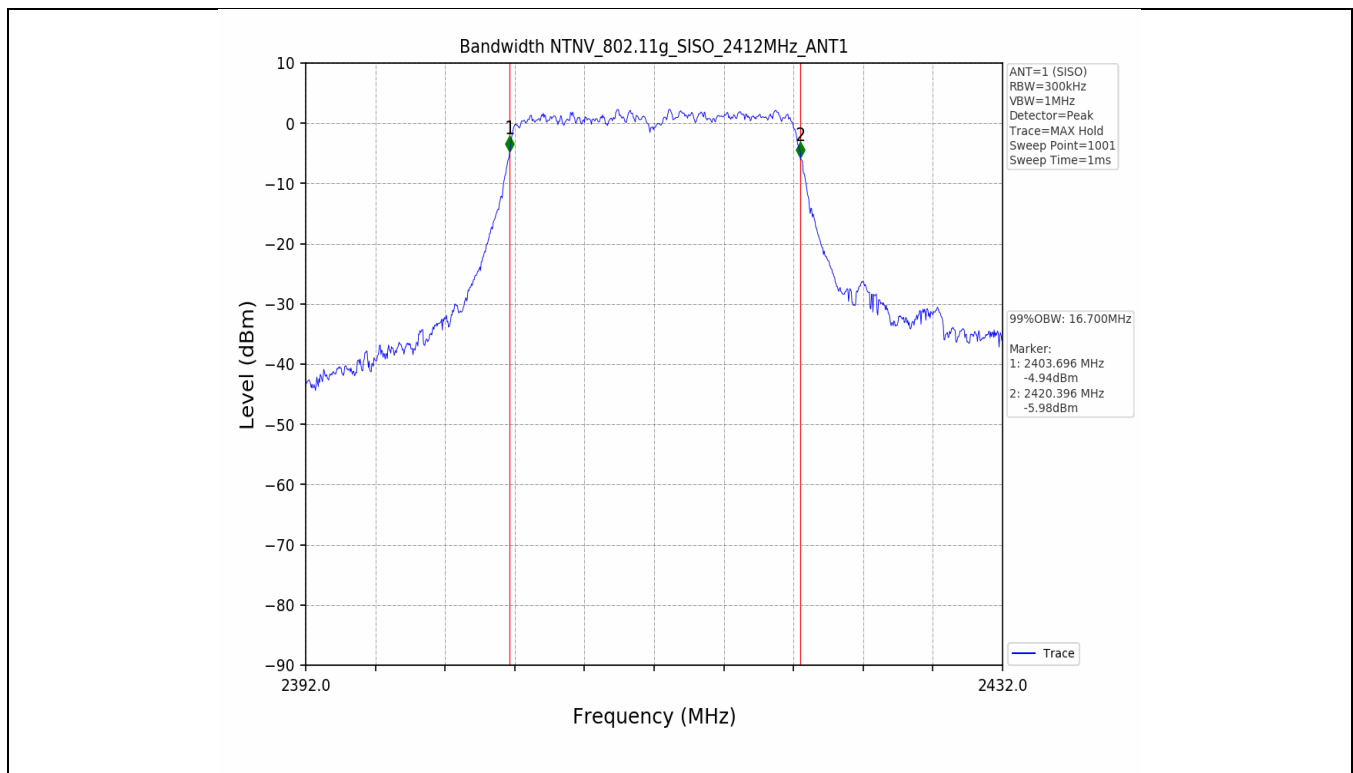
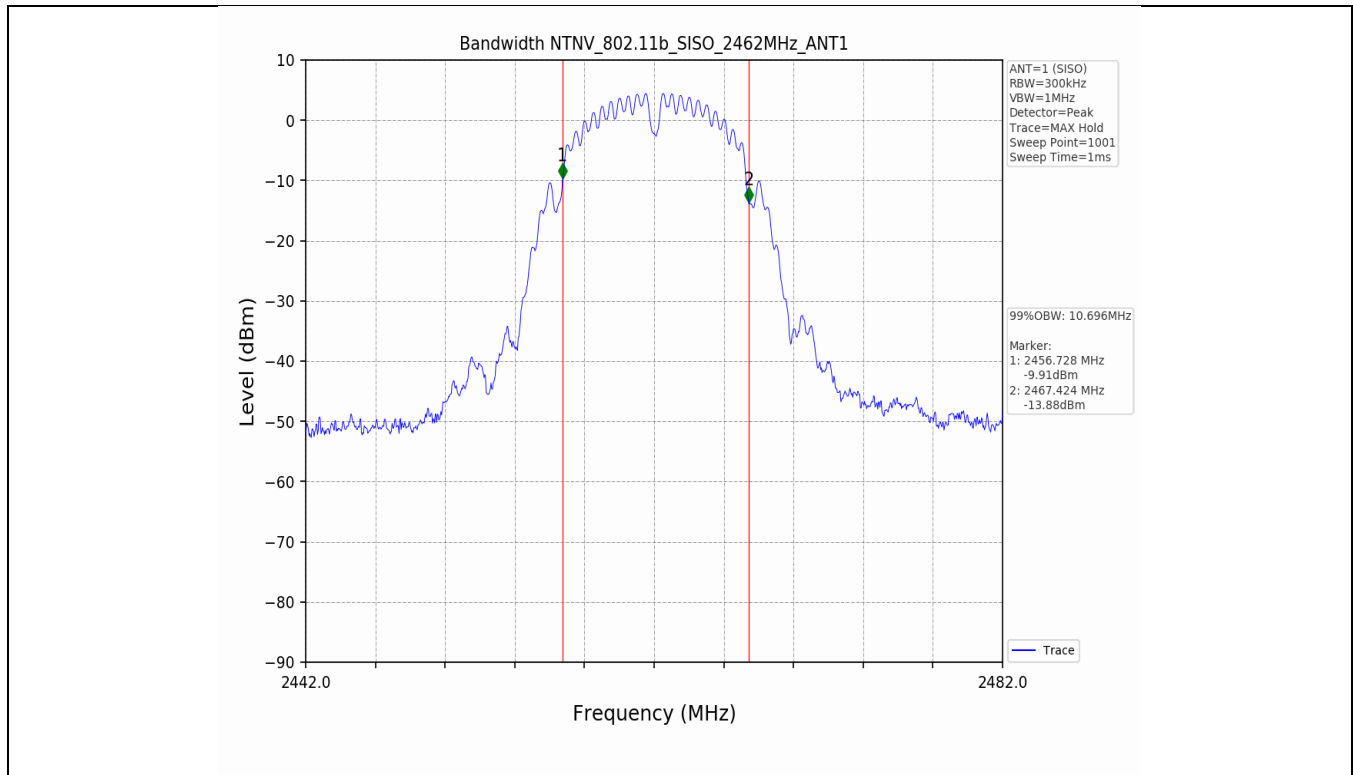


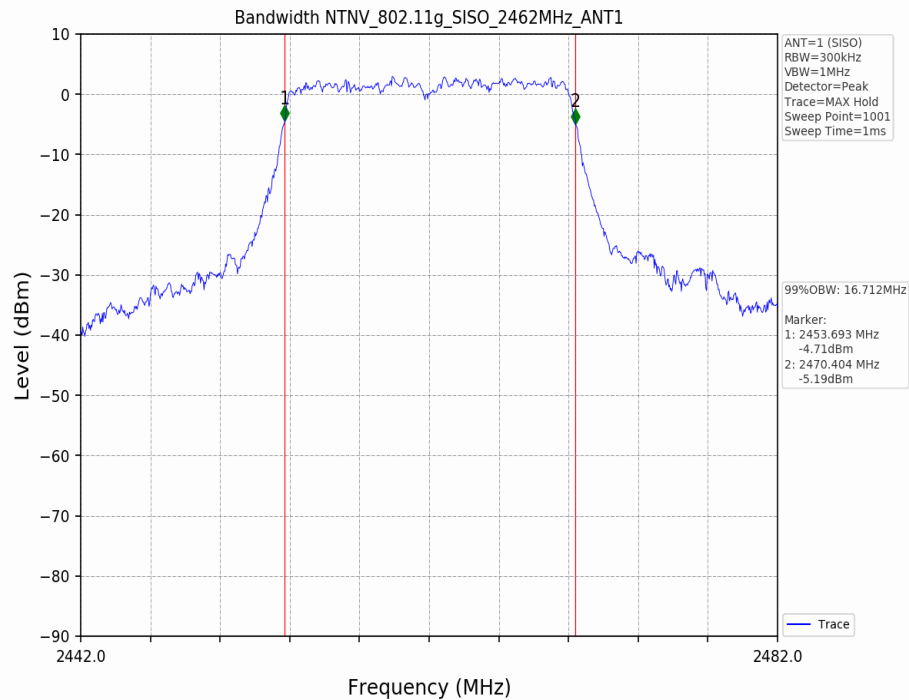
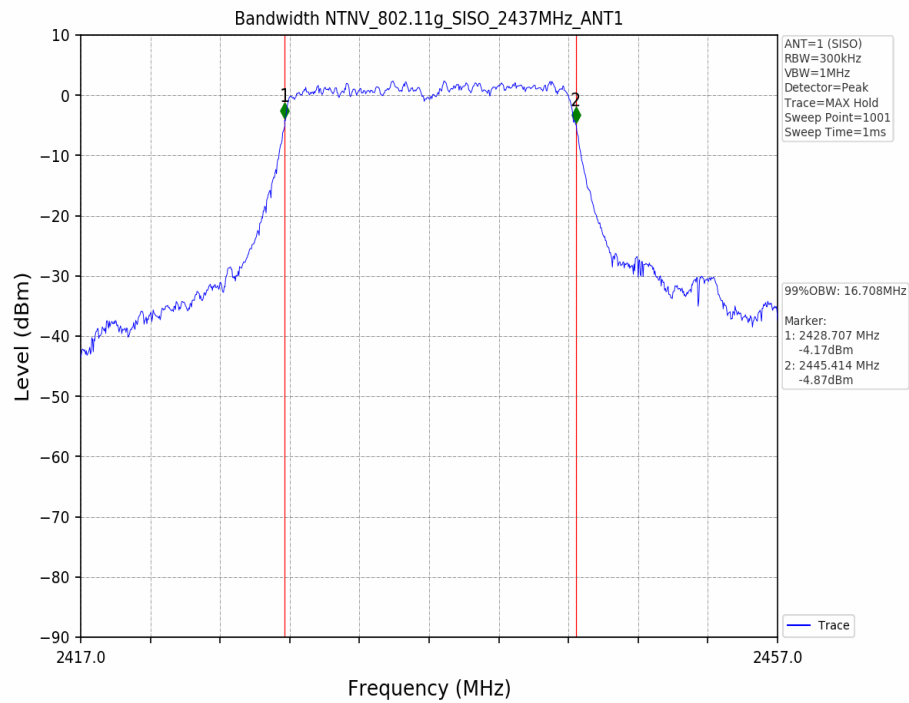


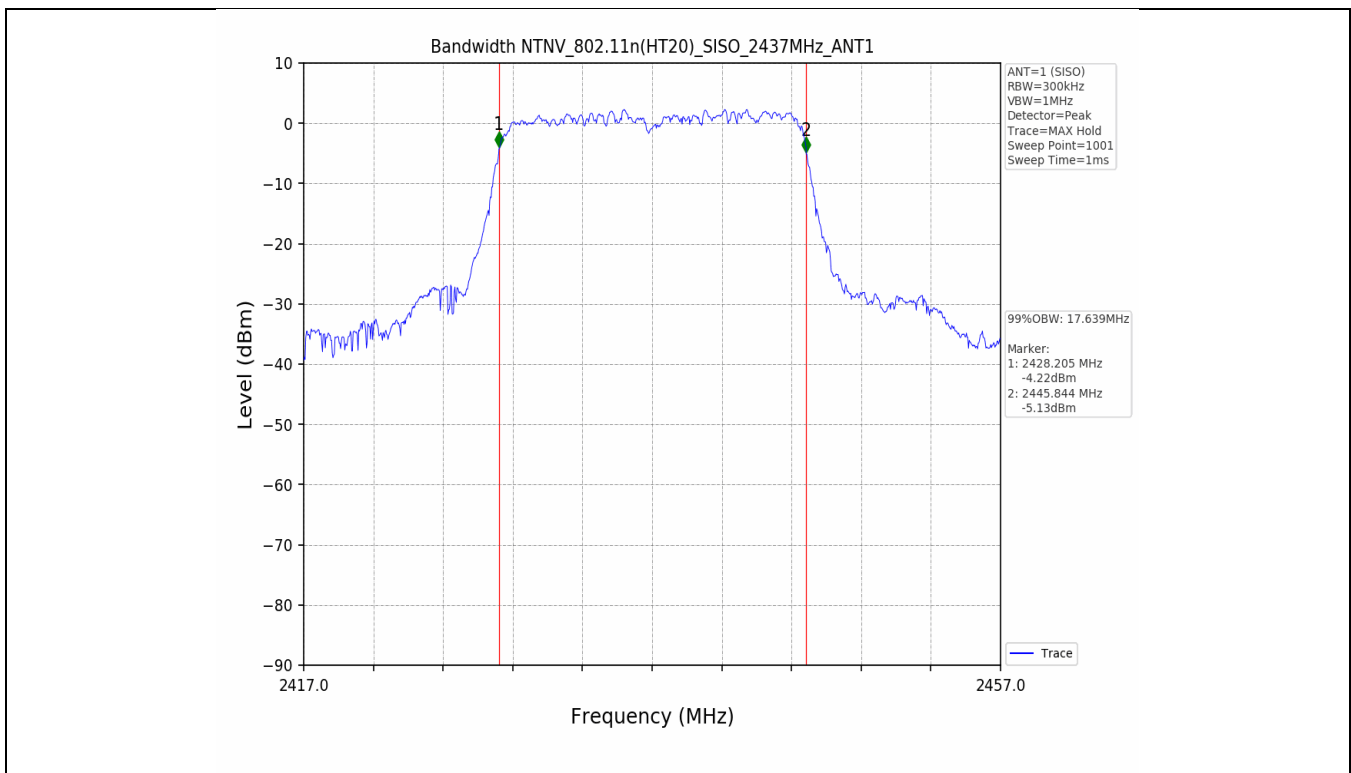
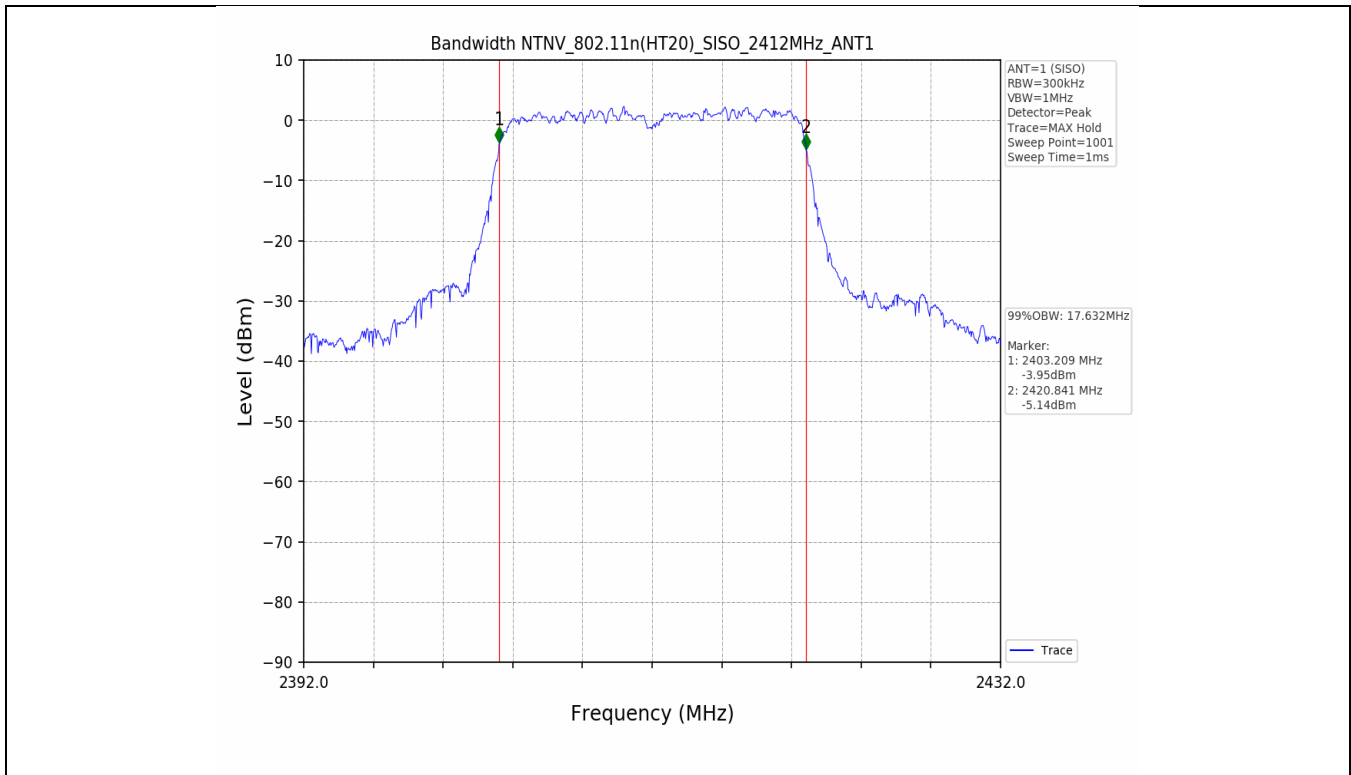


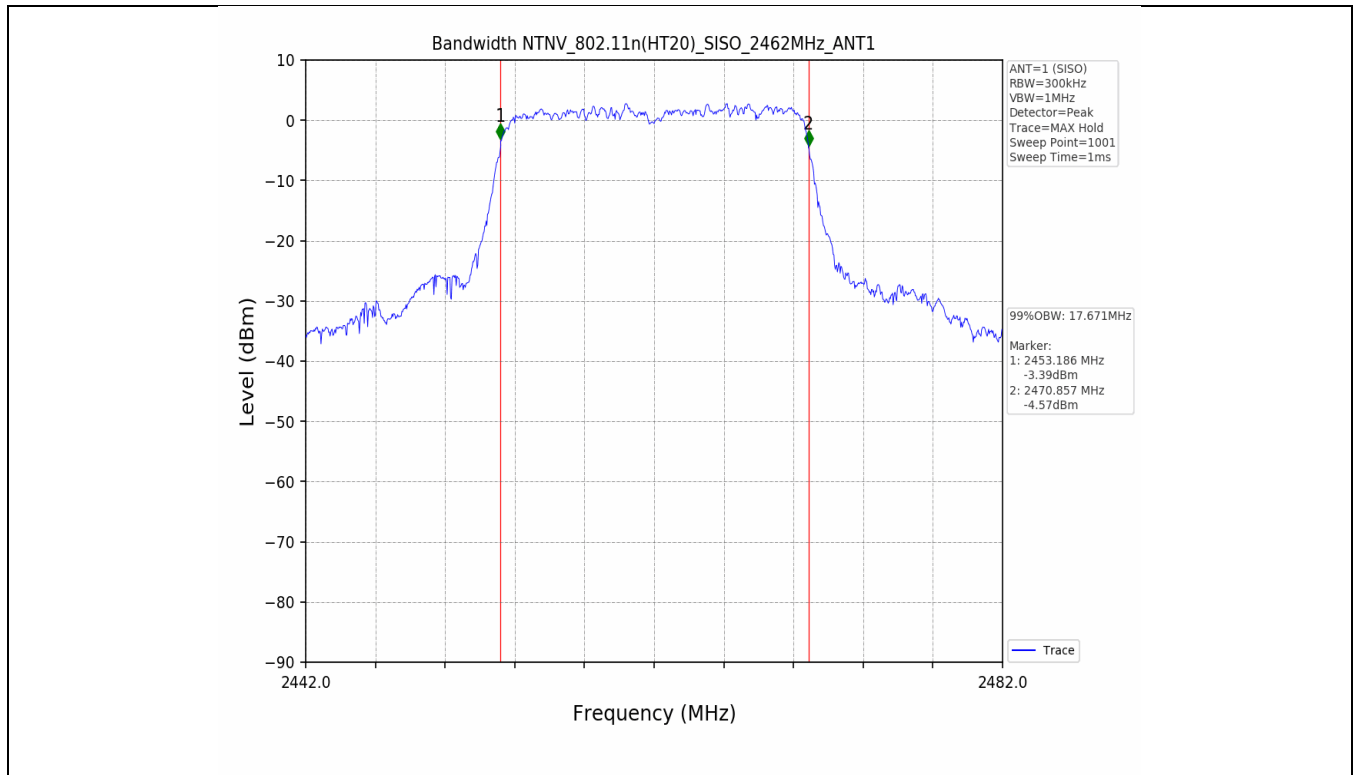
2.3 Test Graph - 99% Occupied Bandwidth











3. Maximum Conducted Output Power

3.1 Test Result

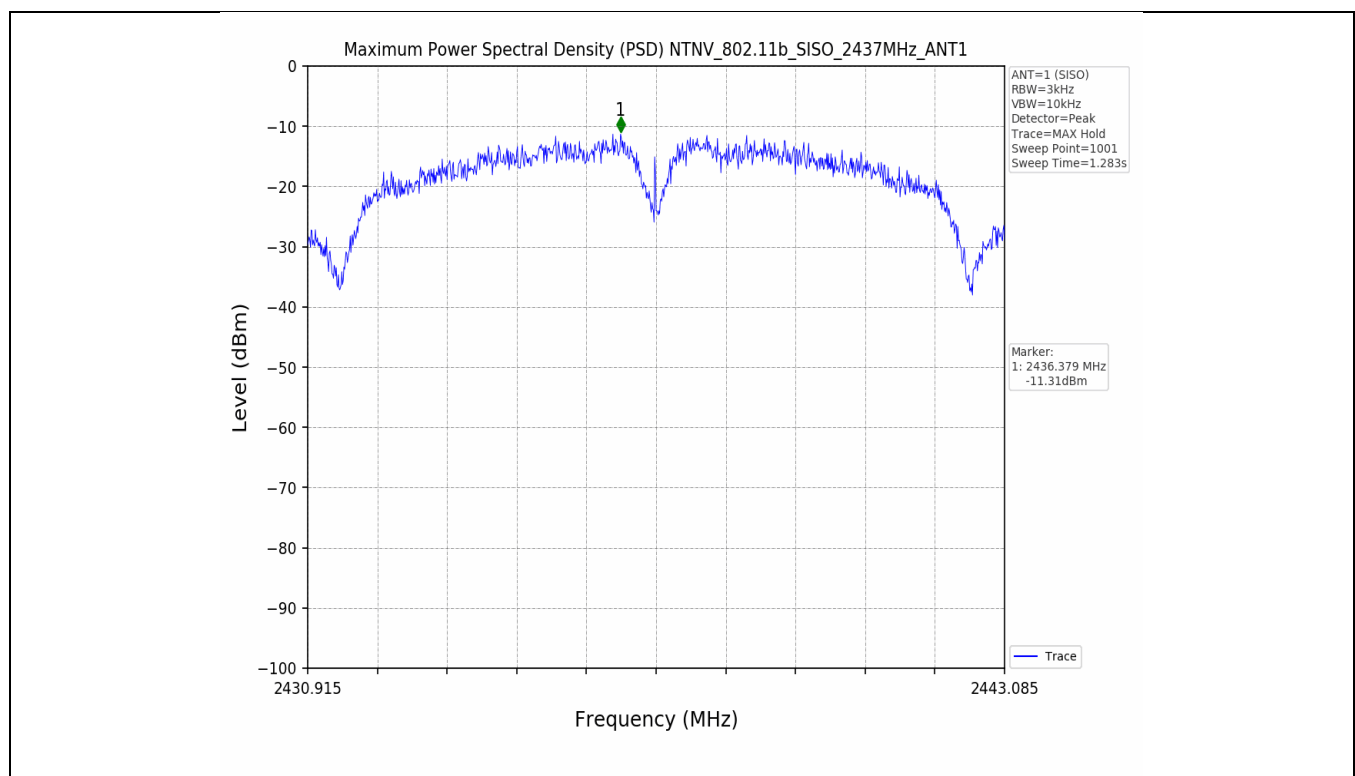
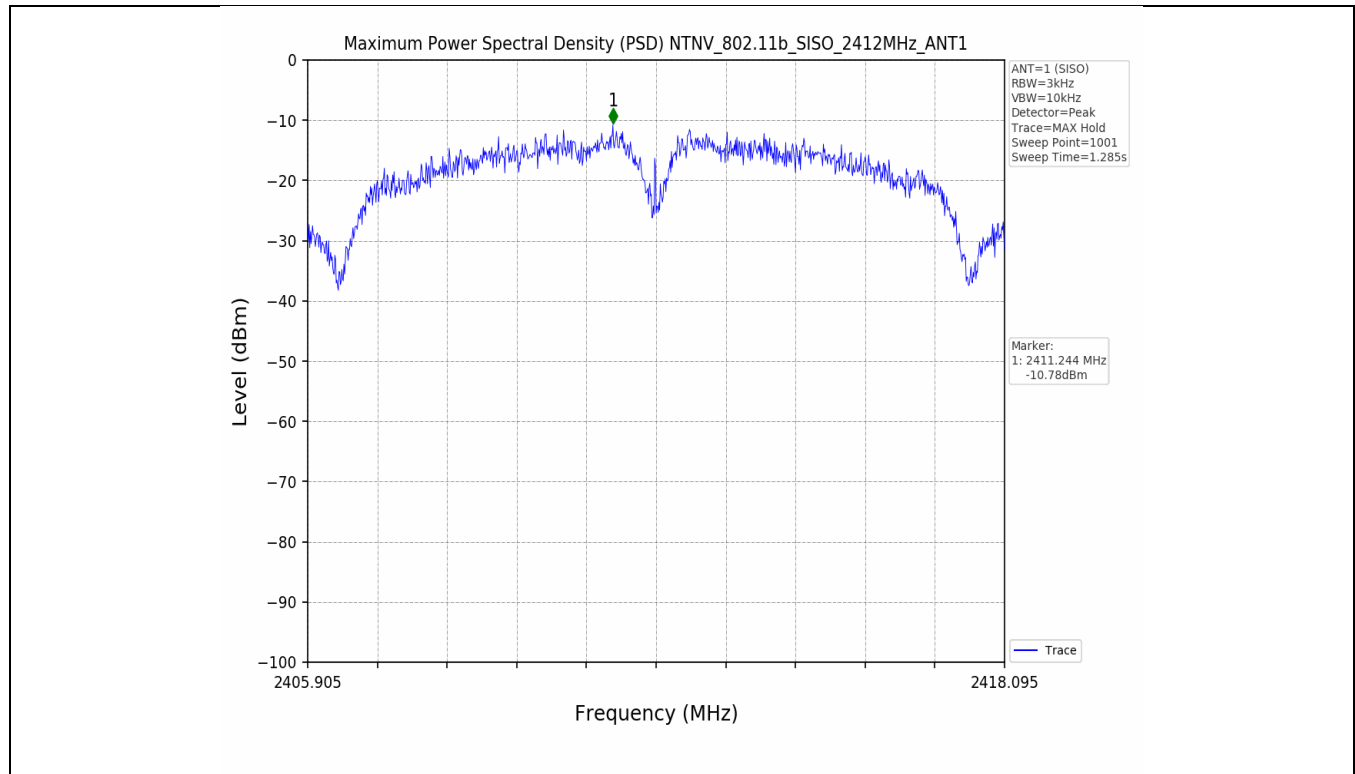
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
802.11b	2412	SISO	14.26	30	PASS
	2437	SISO	14.39	30	PASS
	2462	SISO	14.84	30	PASS
802.11g	2412	SISO	18.98	30	PASS
	2437	SISO	19.07	30	PASS
	2462	SISO	19.58	30	PASS
802.11n(HT20)	2412	SISO	18.91	30	PASS
	2437	SISO	18.96	30	PASS
	2462	SISO	19.44	30	PASS

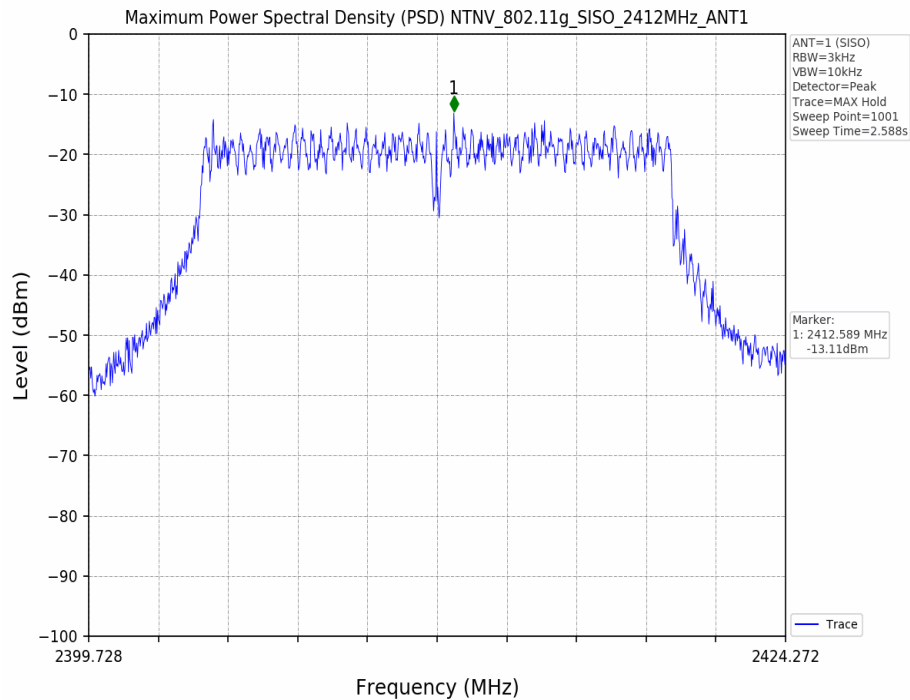
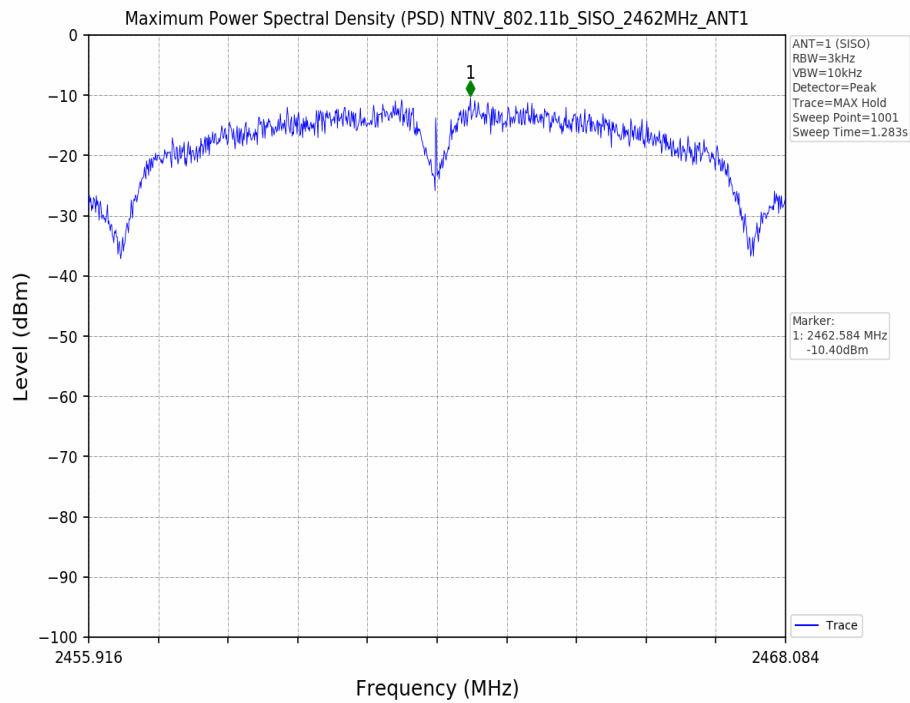
4. Maximum Power Spectral Density (PSD)

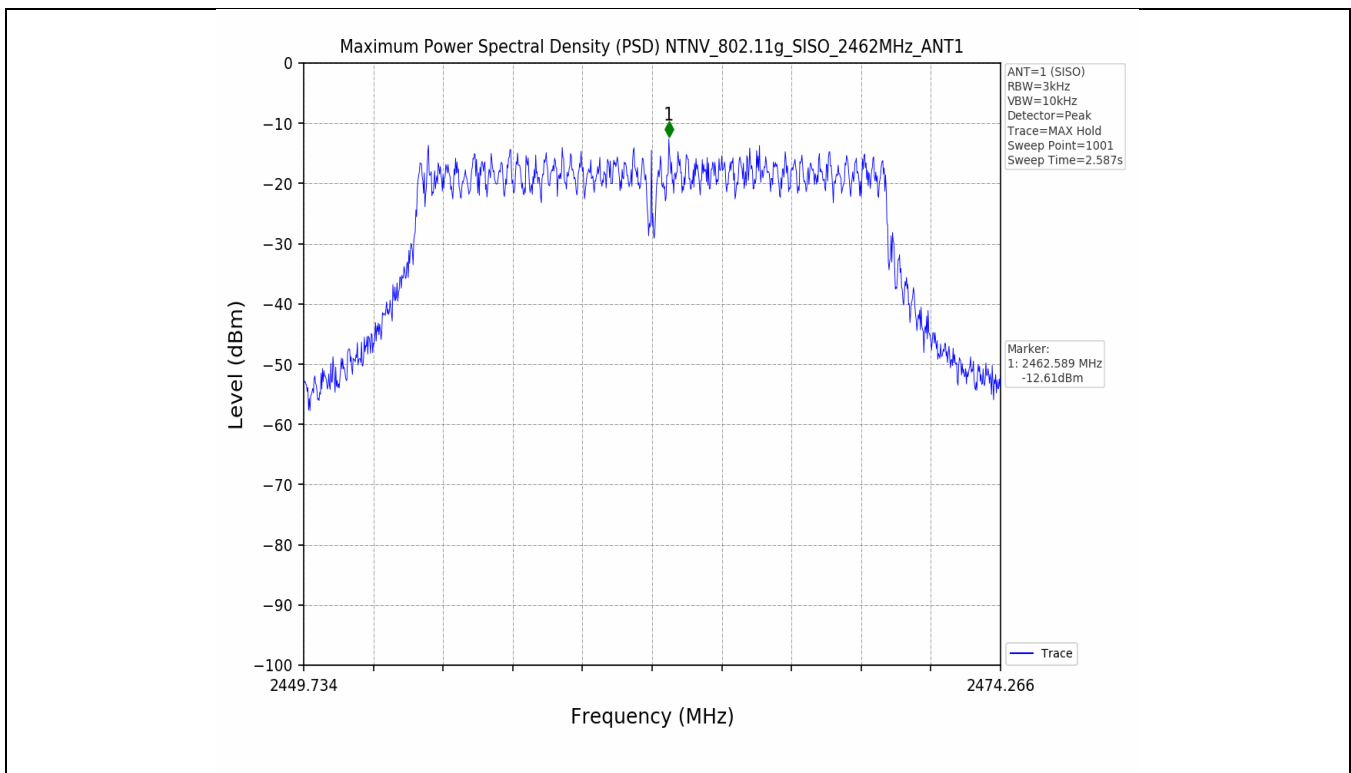
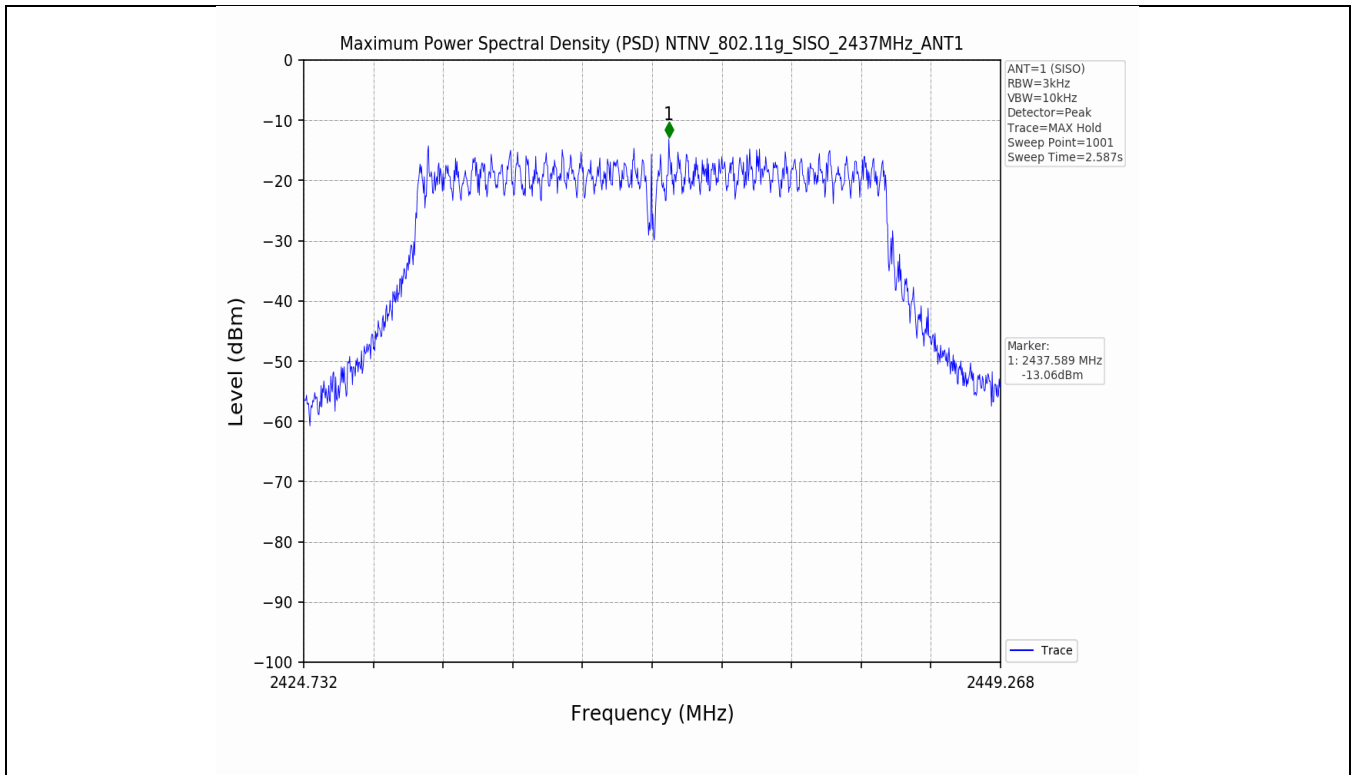
4.1 Test Result

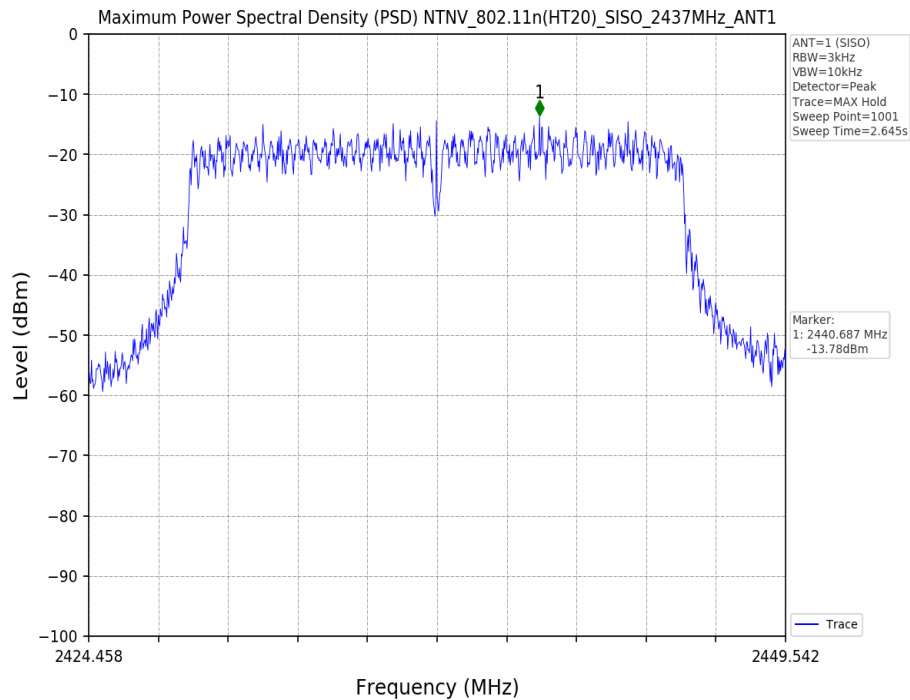
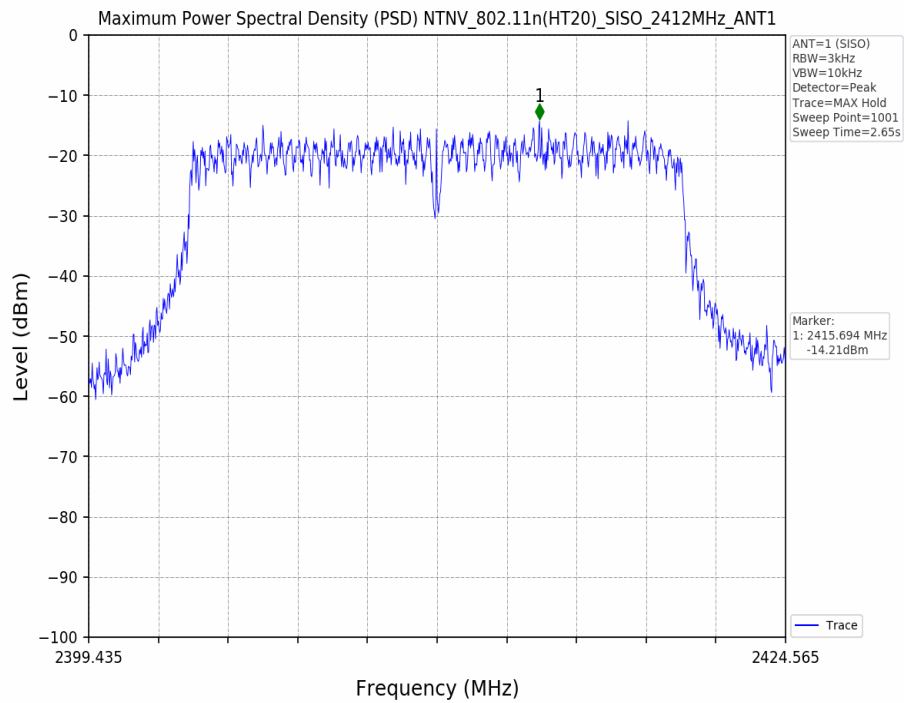
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
802.11b	2412	SISO	-10.78	≤8	PASS
	2437	SISO	-11.31	≤8	PASS
	2462	SISO	-10.40	≤8	PASS
802.11g	2412	SISO	-13.11	≤8	PASS
	2437	SISO	-13.06	≤8	PASS
	2462	SISO	-12.61	≤8	PASS
802.11n(HT20)	2412	SISO	-14.21	≤8	PASS
	2437	SISO	-13.78	≤8	PASS
	2462	SISO	-13.04	≤8	PASS

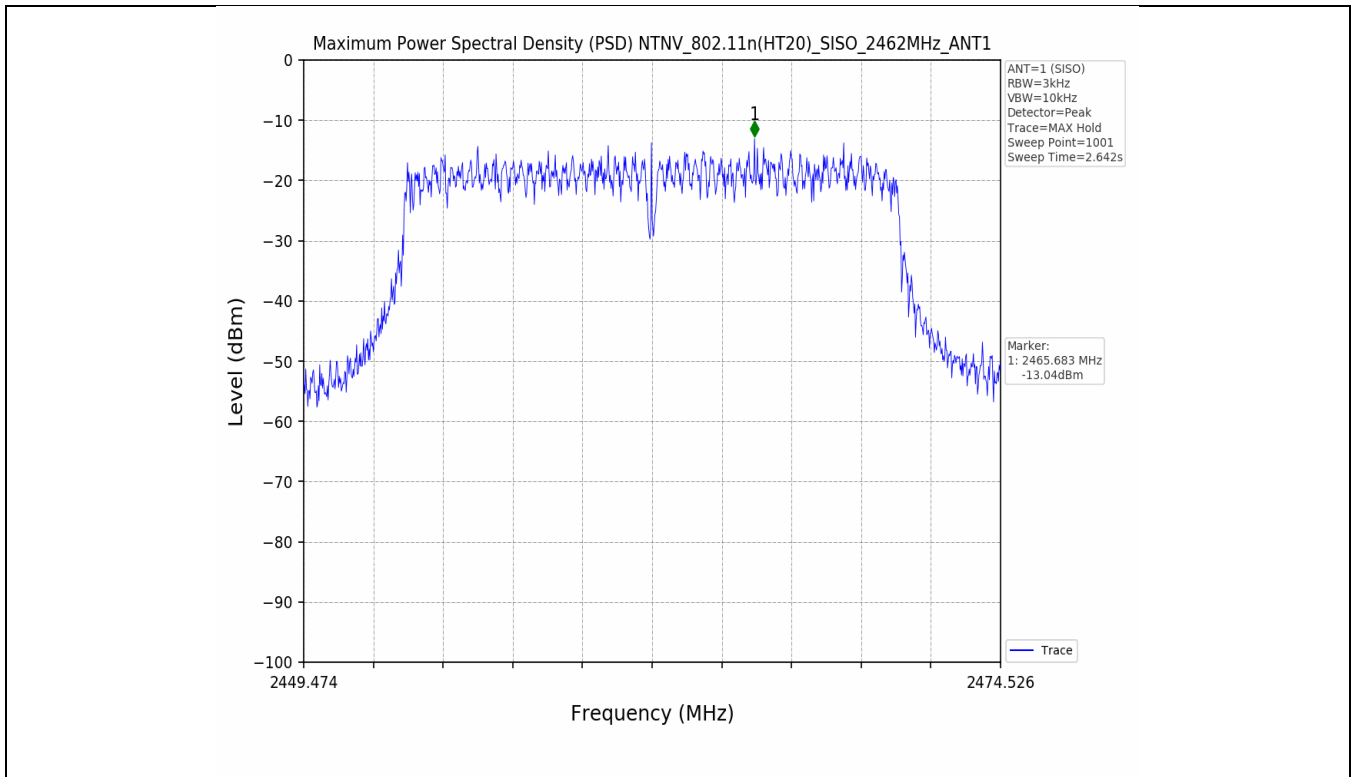
4.2 Test Graph









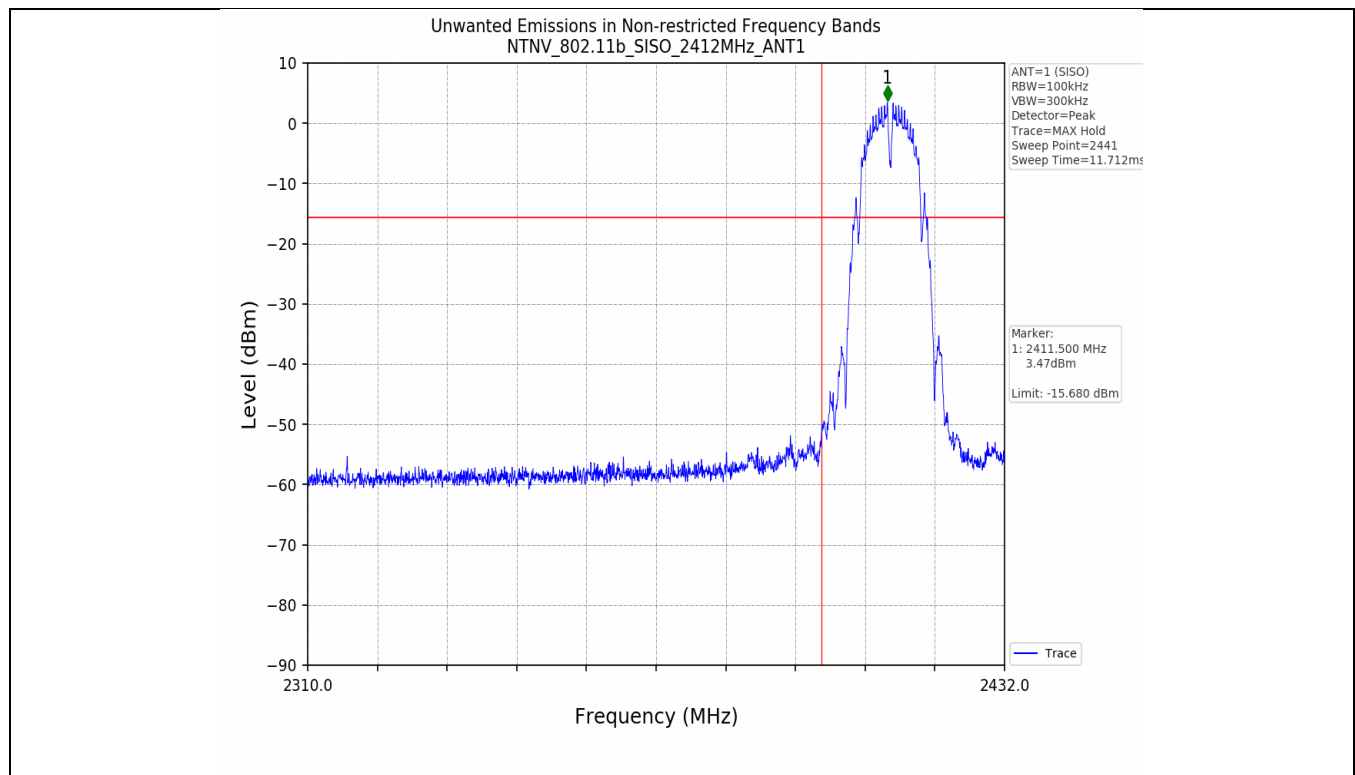
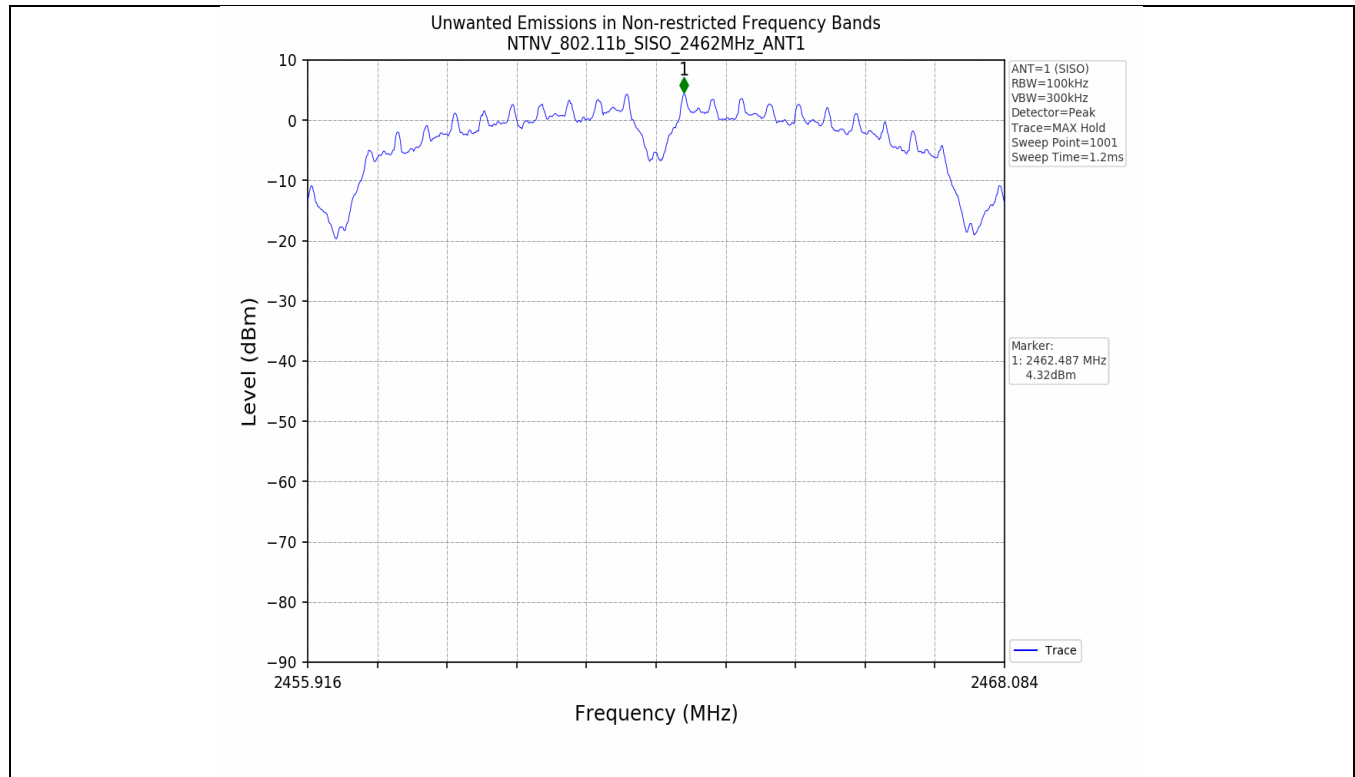


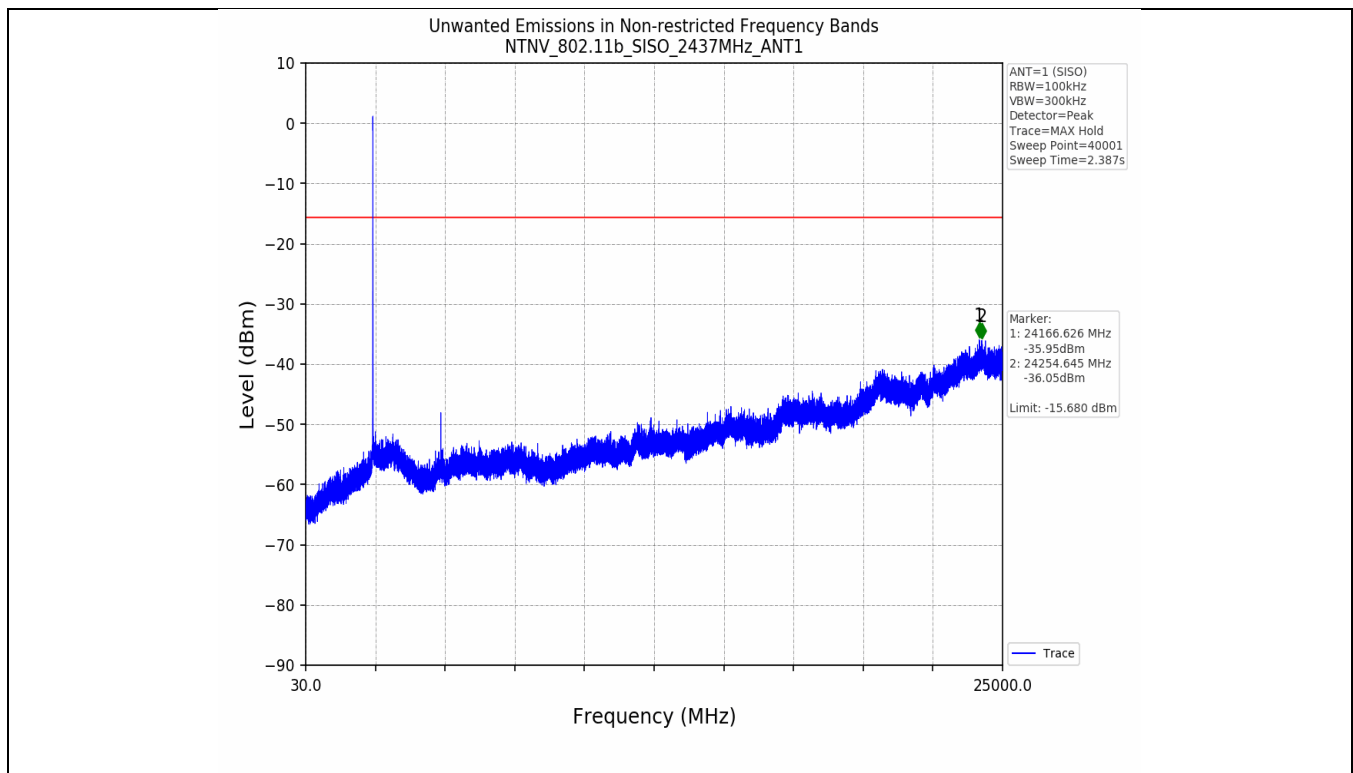
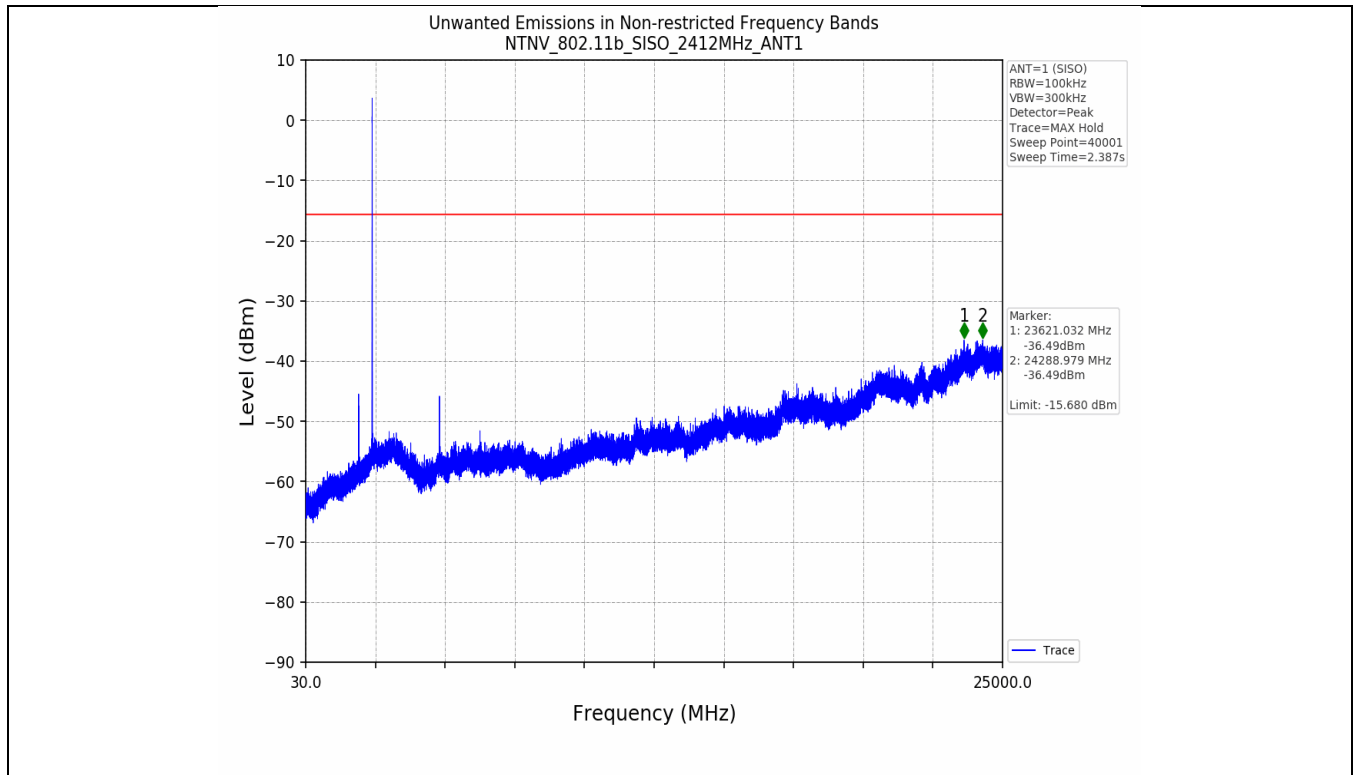
5. Unwanted Emissions in Non-restricted Frequency Bands

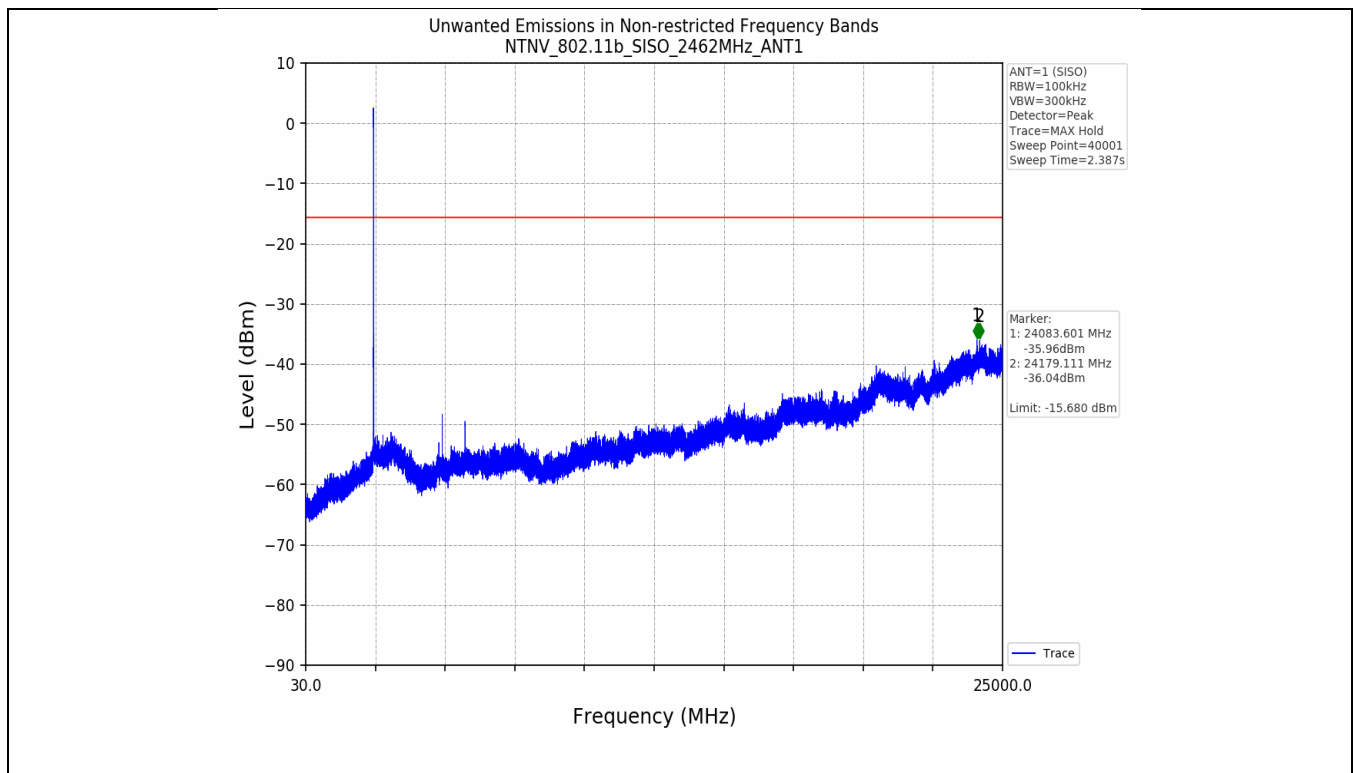
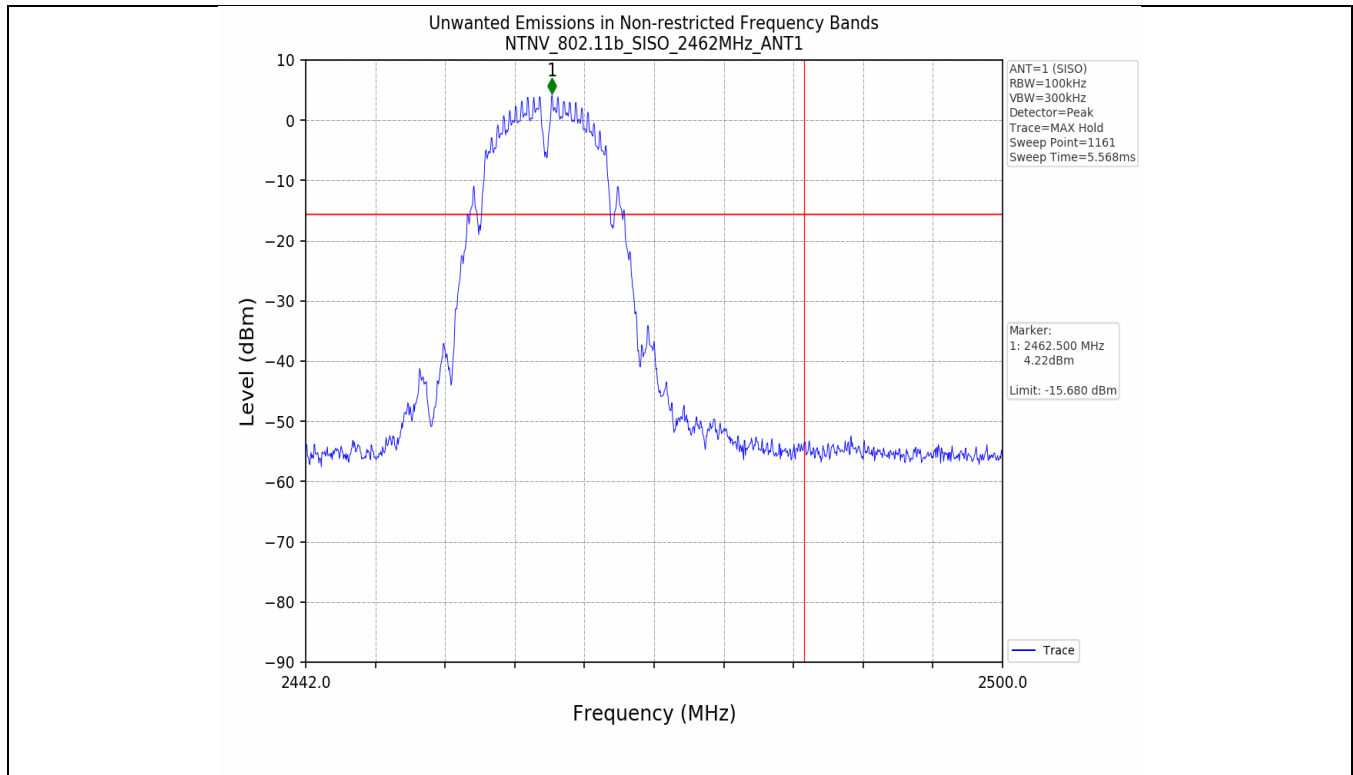
5.1 Test Result

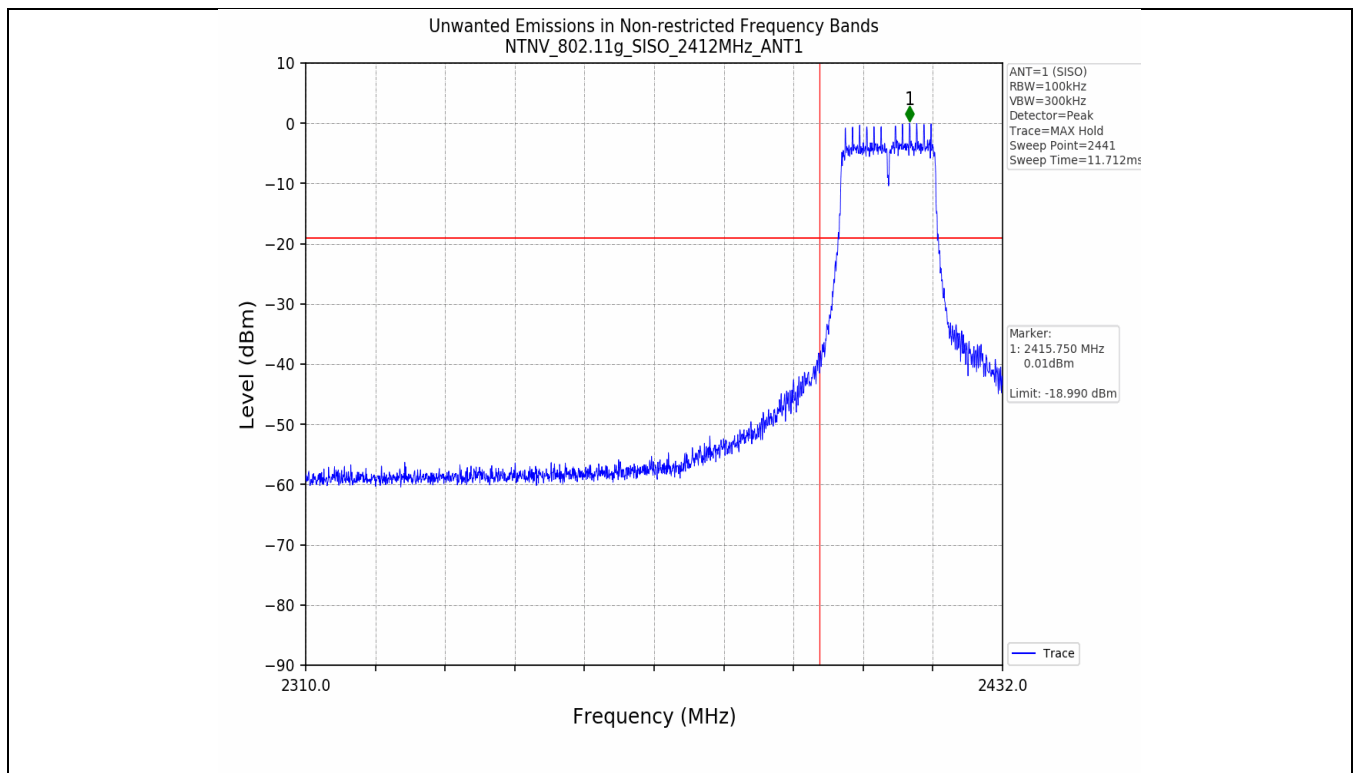
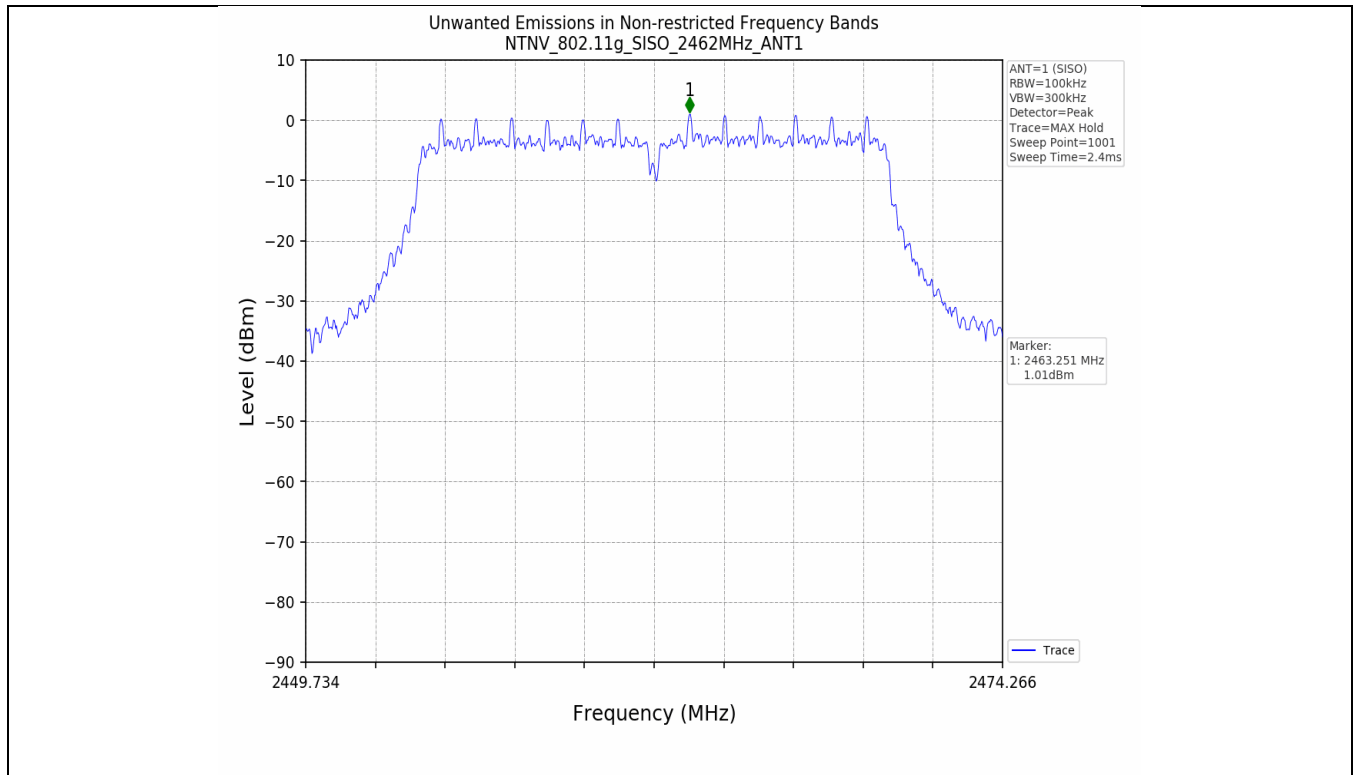
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	1	Refer to test graph	-15.68	PASS
	2437	SISO	1	Refer to test graph	-15.68	PASS
	2462	SISO	1	Refer to test graph	-15.68	PASS
802.11g	2412	SISO	1	Refer to test graph	-18.99	PASS
	2437	SISO	1	Refer to test graph	-18.99	PASS
	2462	SISO	1	Refer to test graph	-18.99	PASS
802.11n(HT20)	2412	SISO	1	Refer to test graph	-18.98	PASS
	2437	SISO	1	Refer to test graph	-18.98	PASS
	2462	SISO	1	Refer to test graph	-18.98	PASS

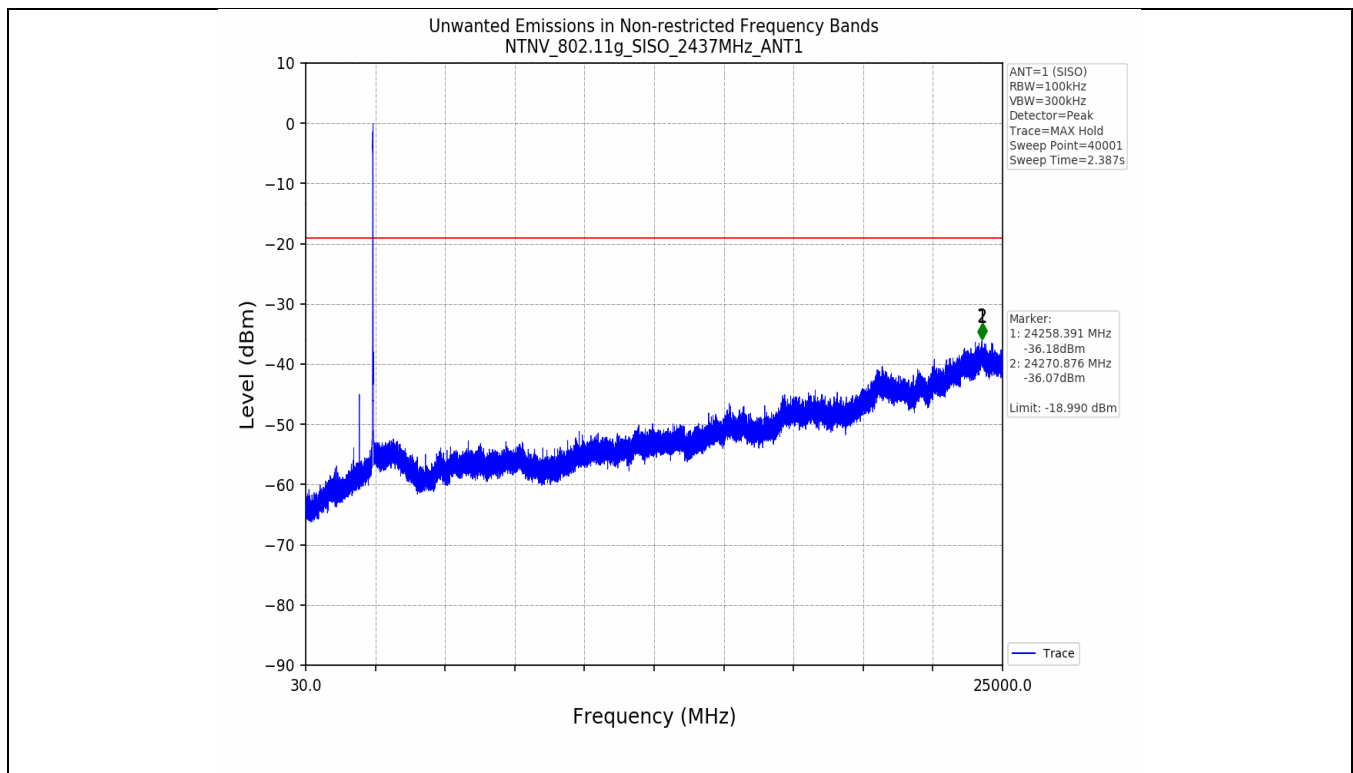
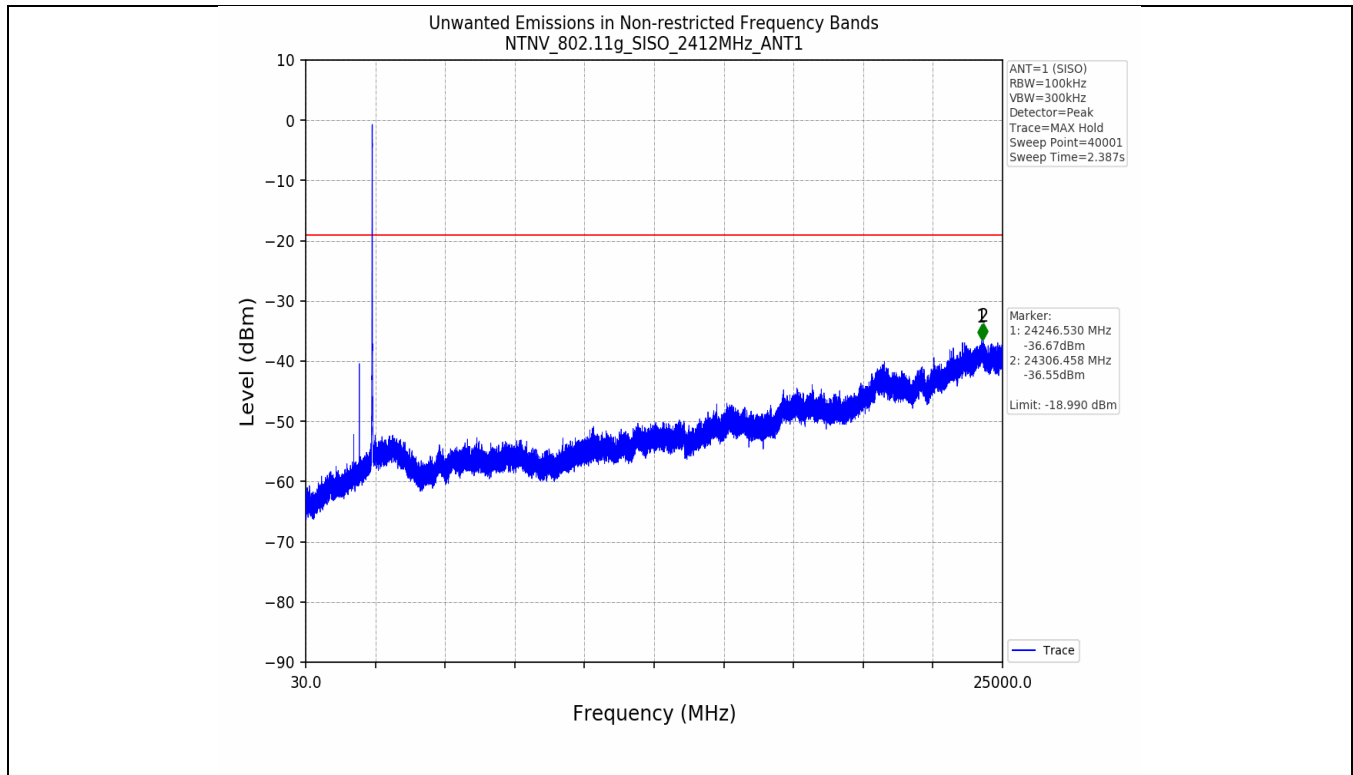
5.2 Test Graph

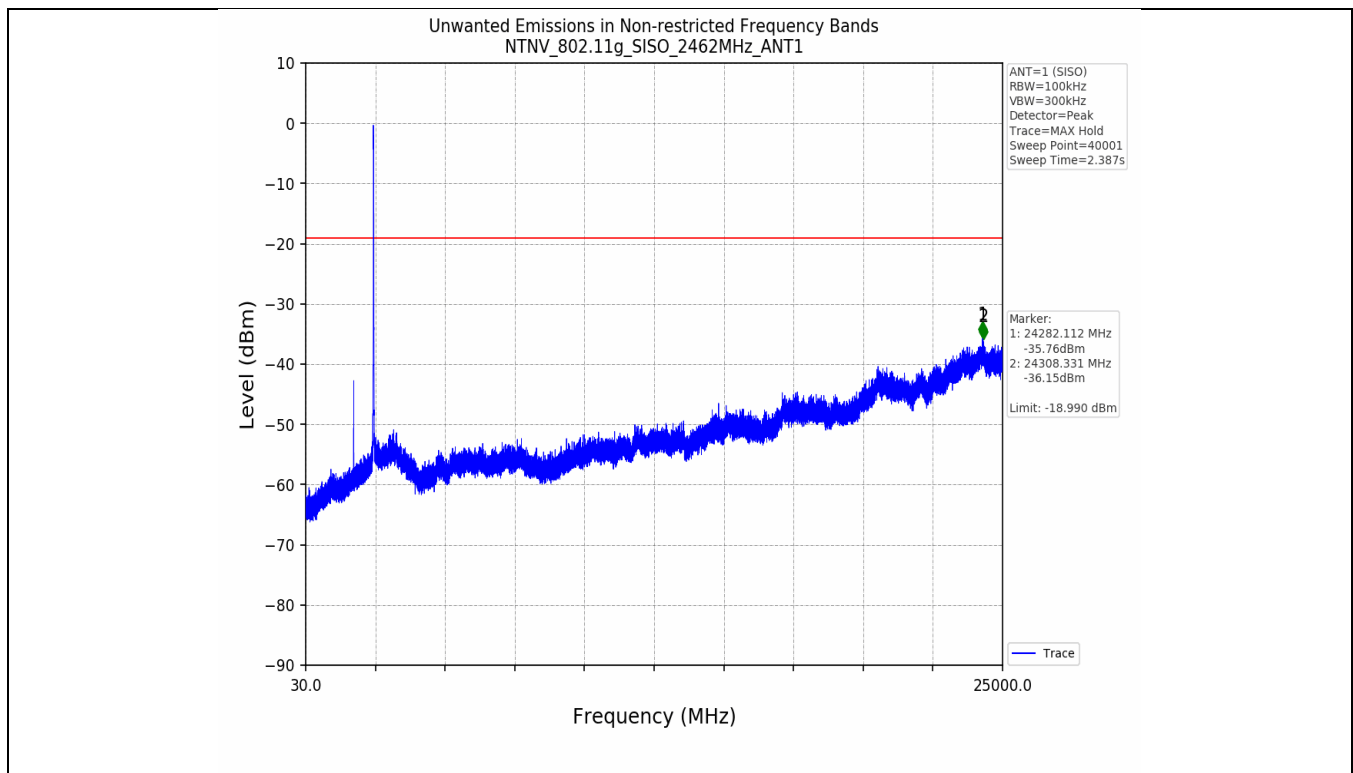
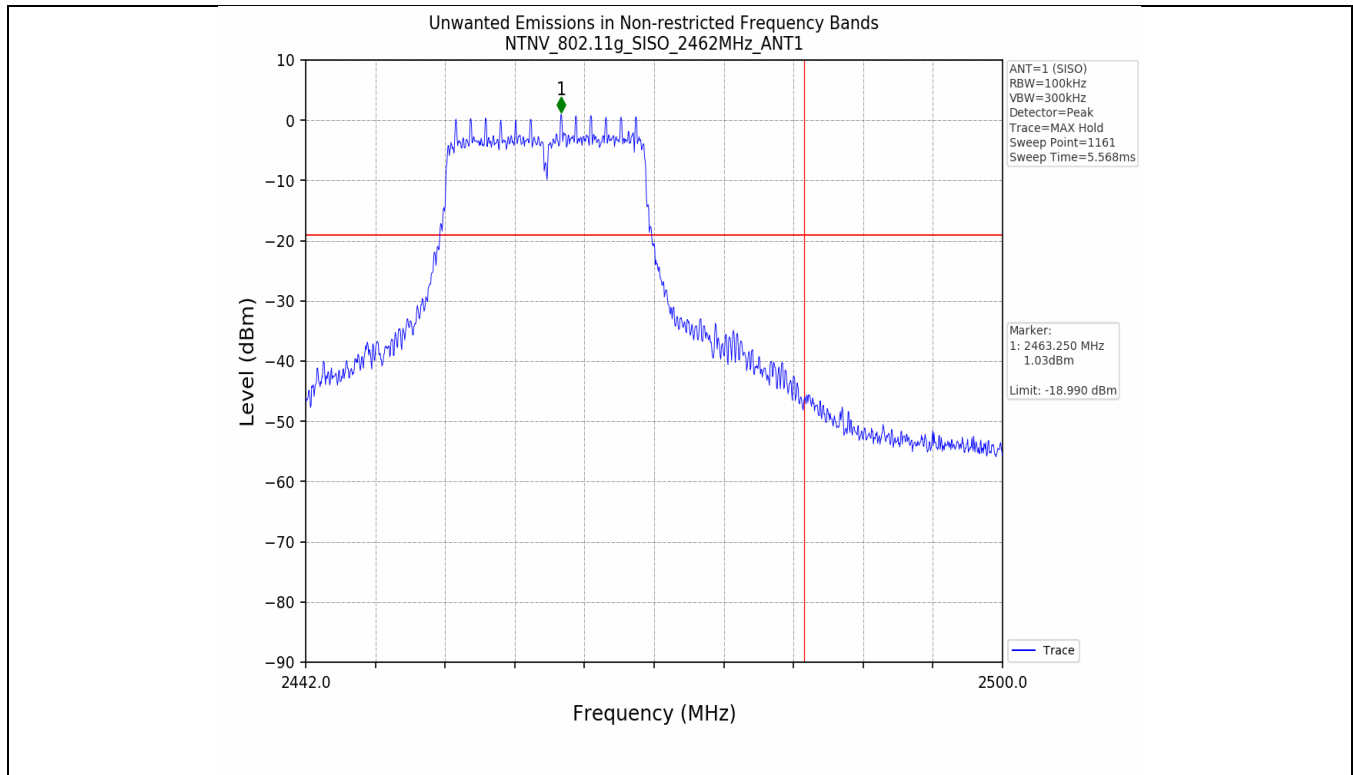


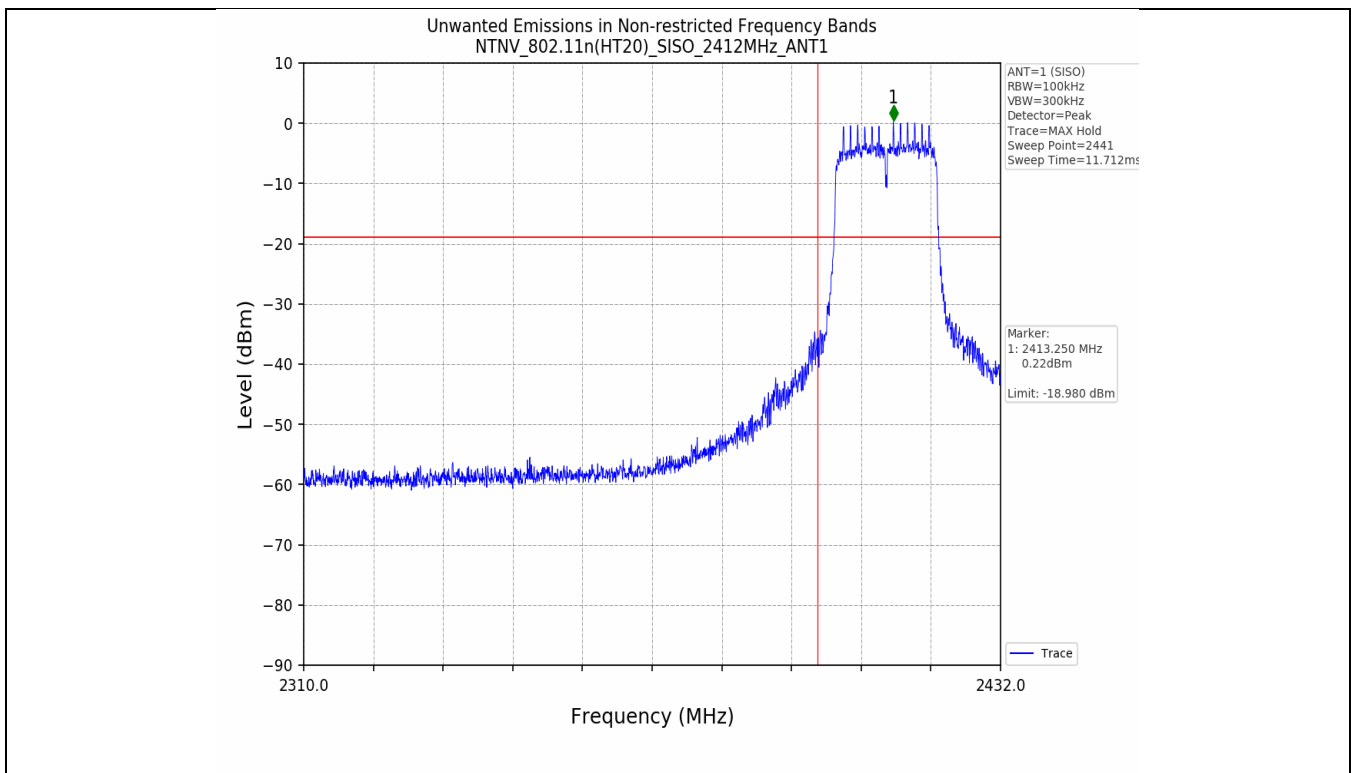
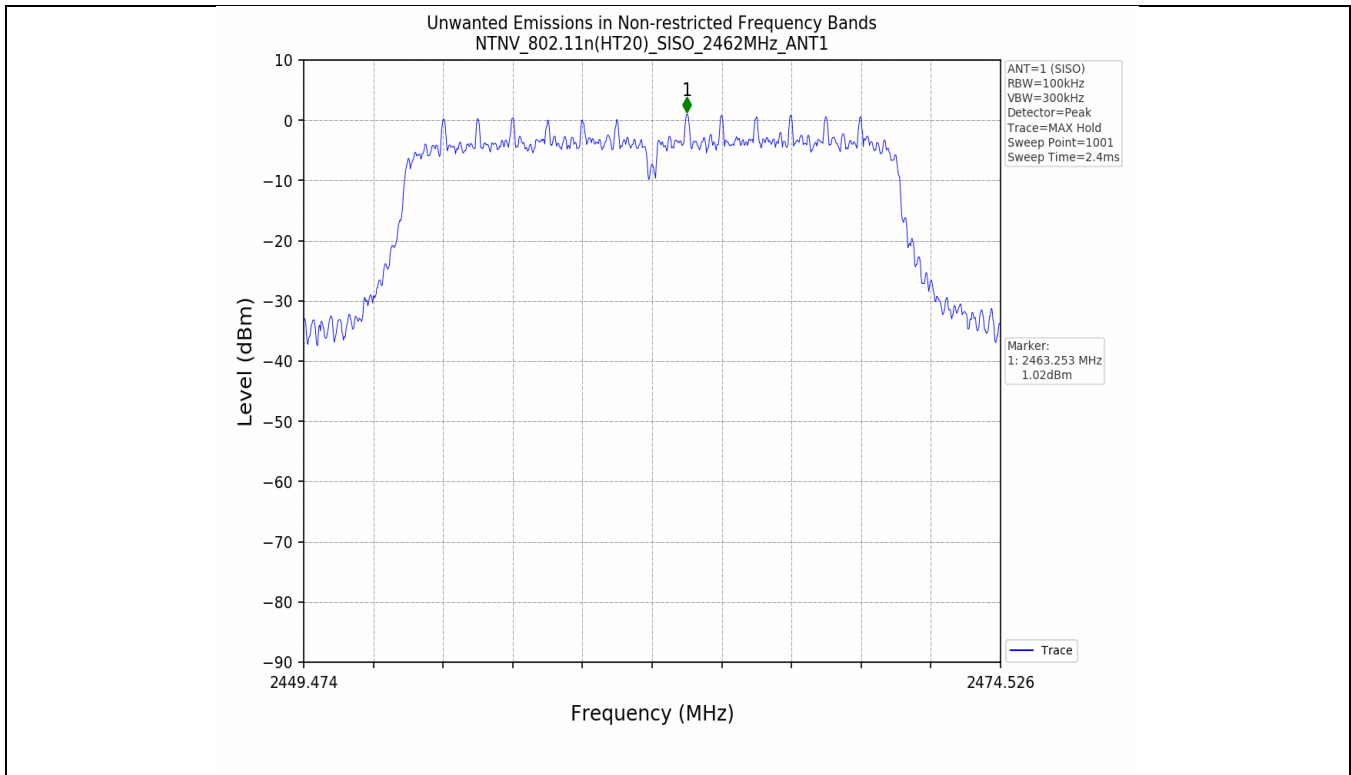


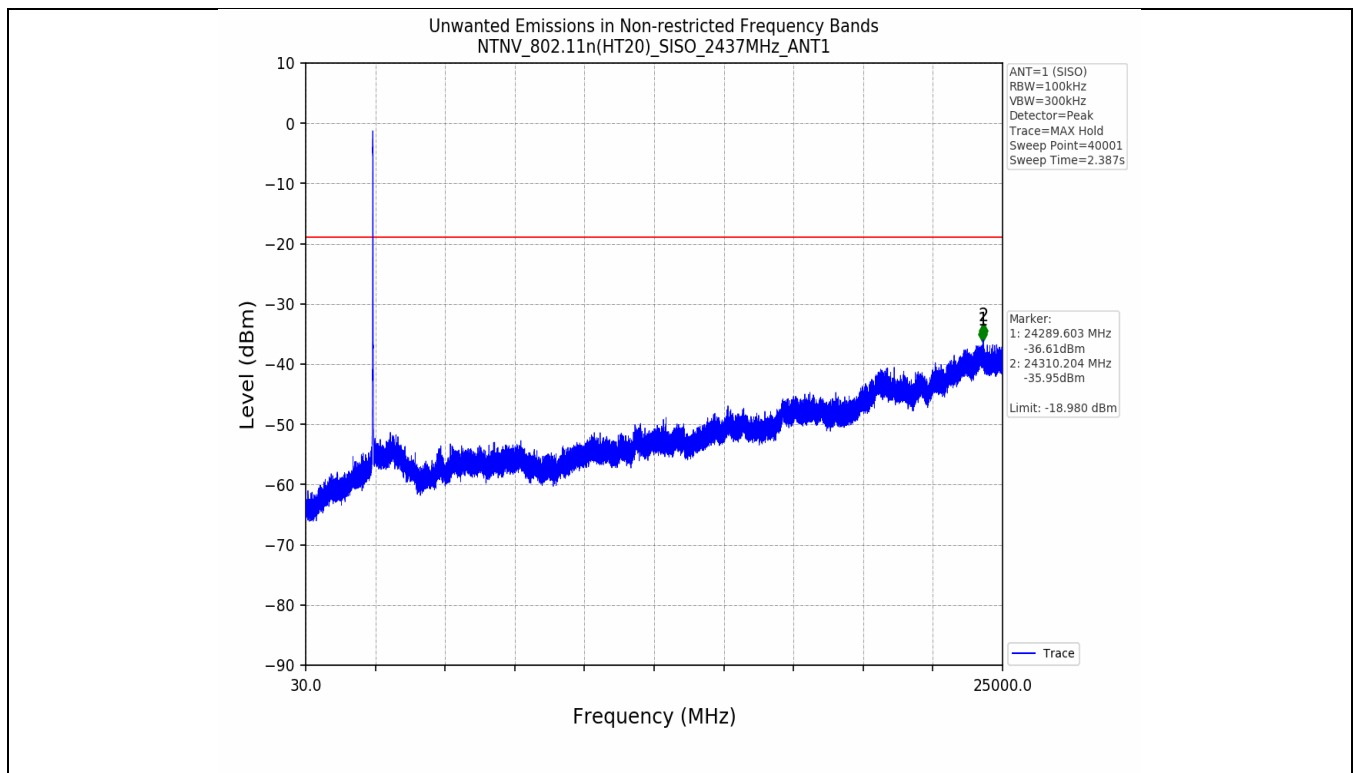
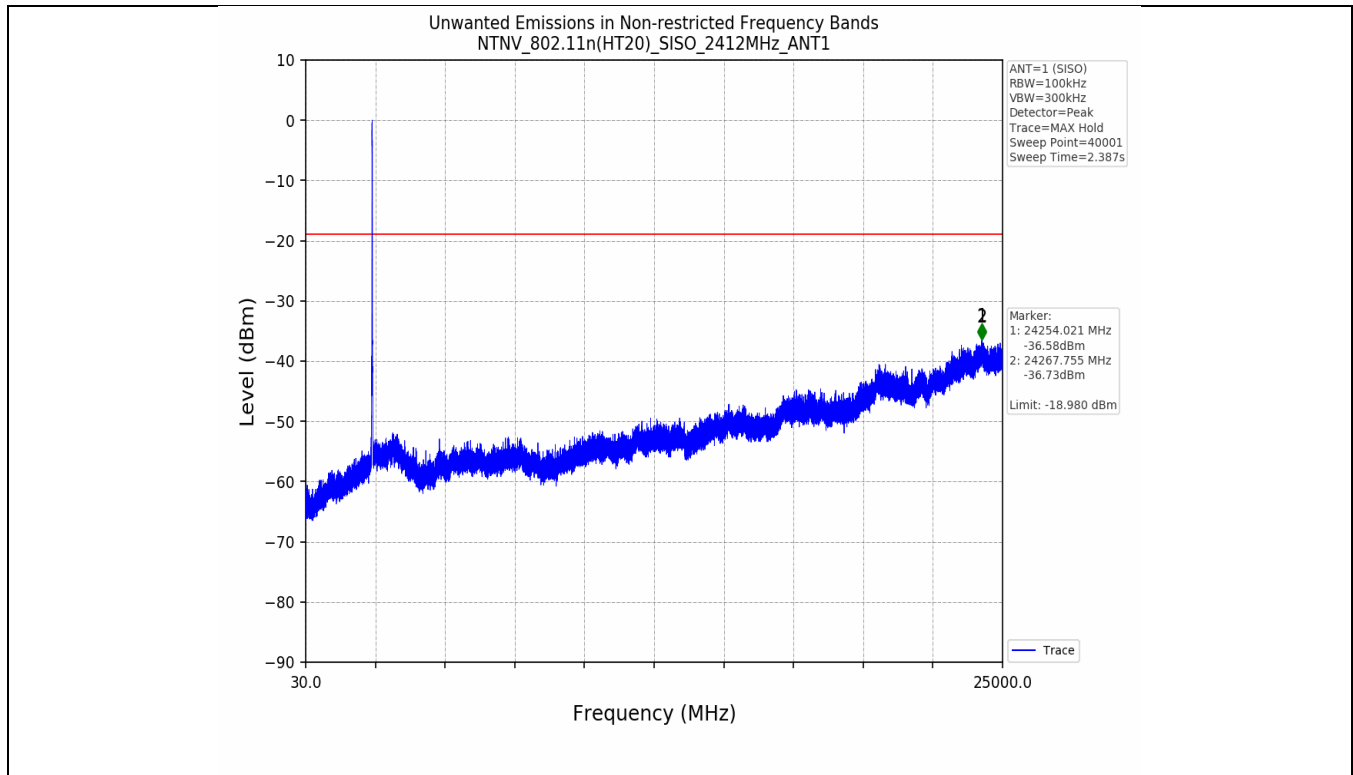


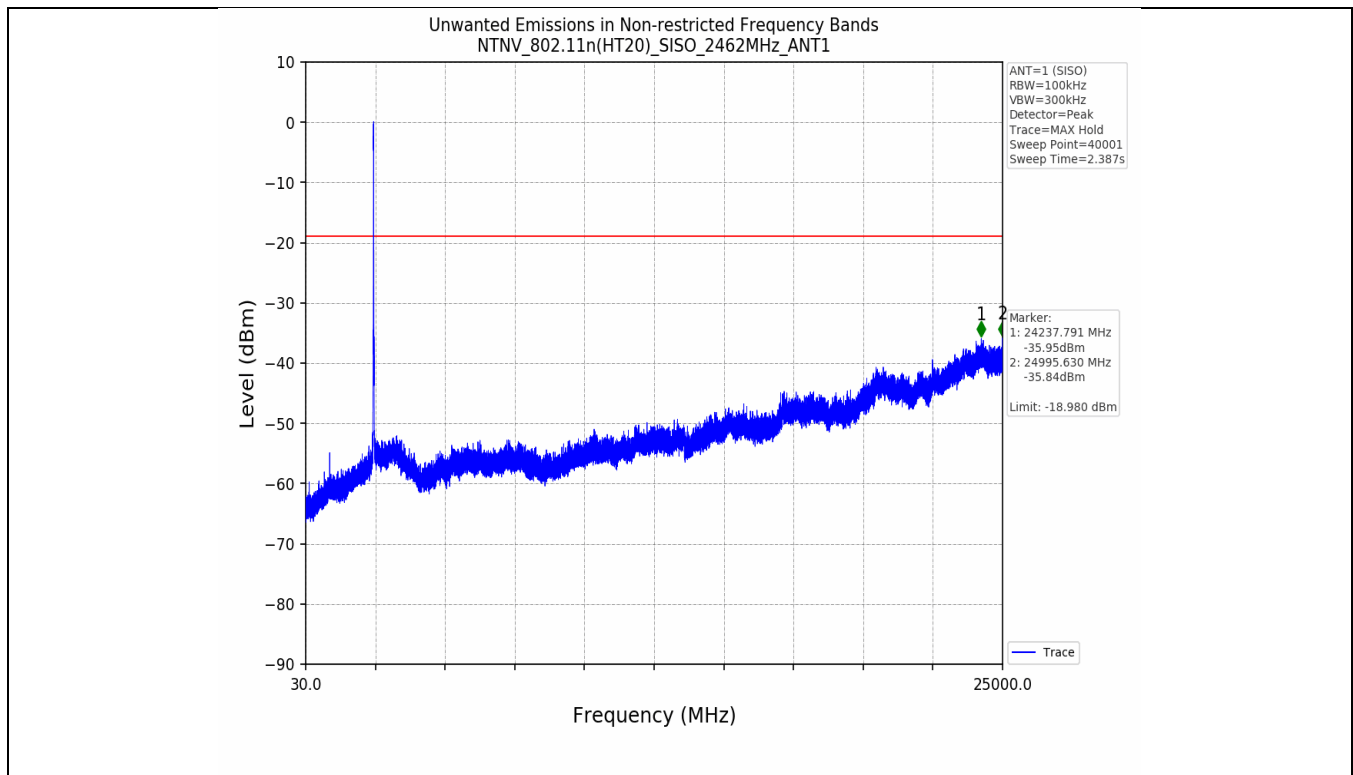
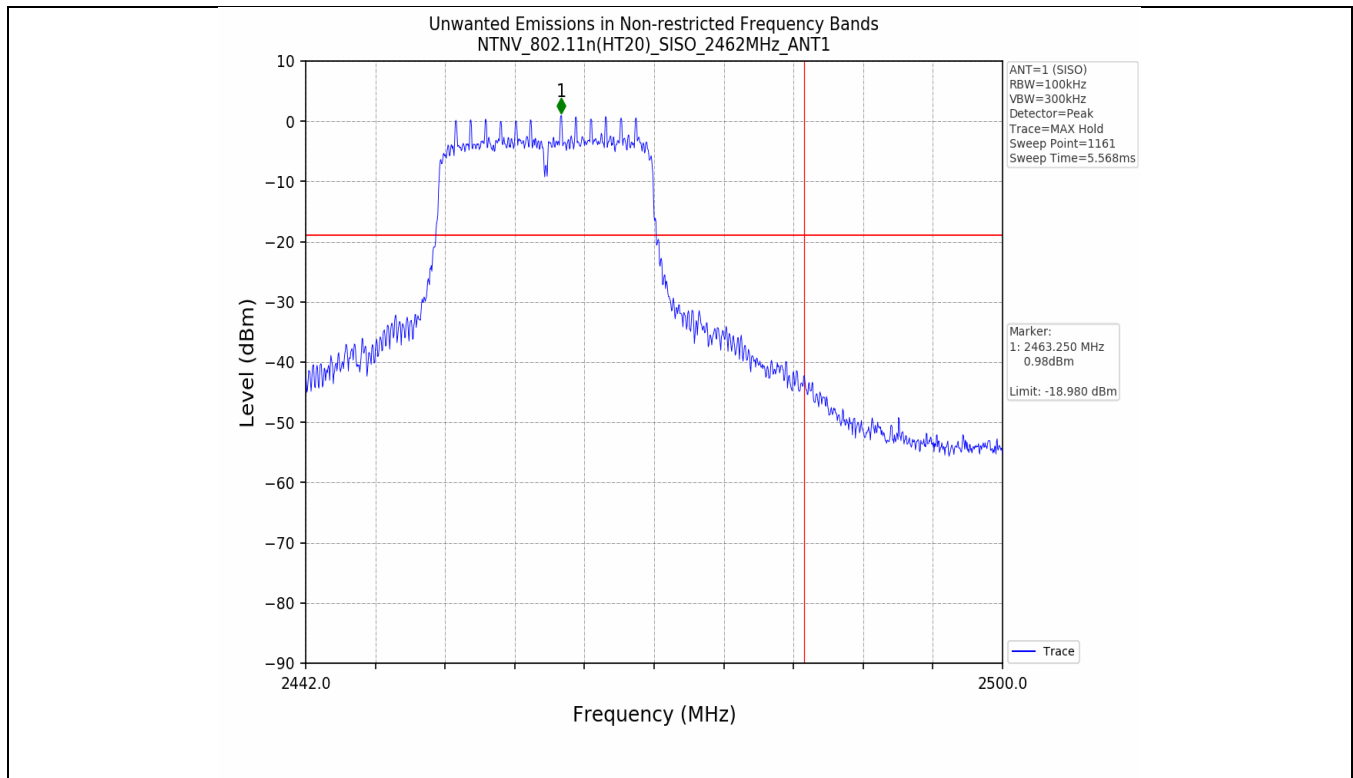












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