



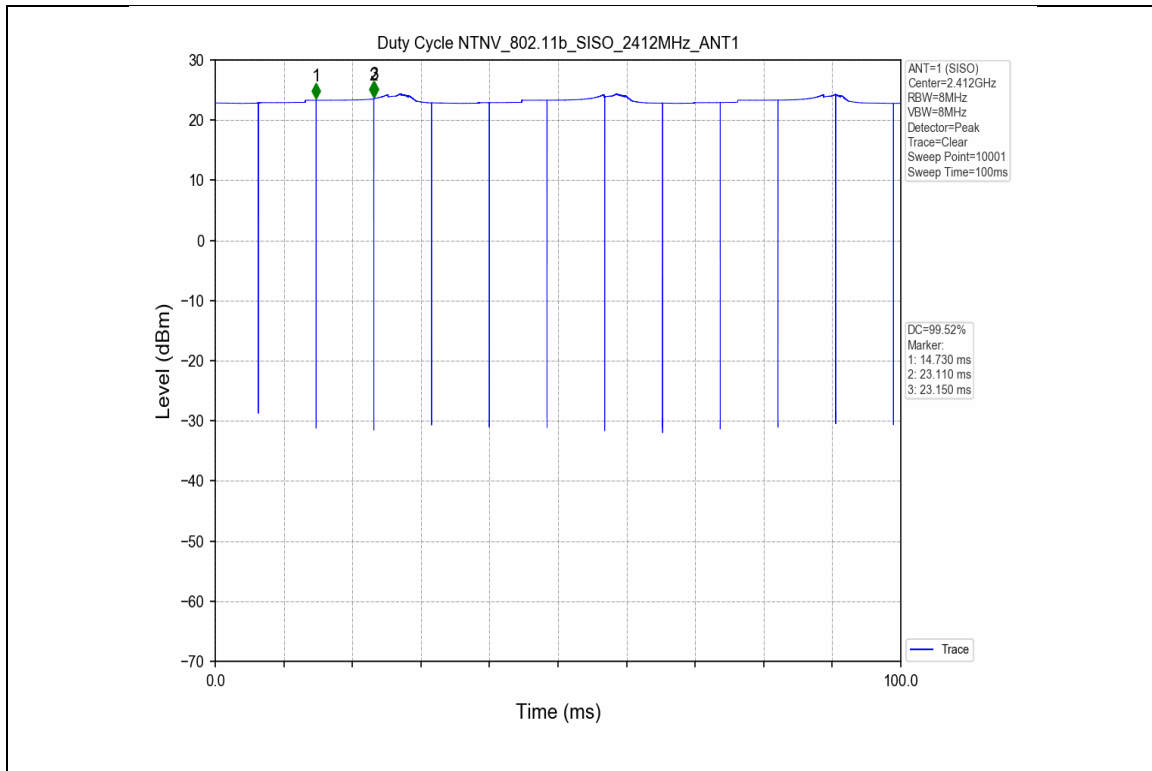
Appendix C for KSEM210300035303

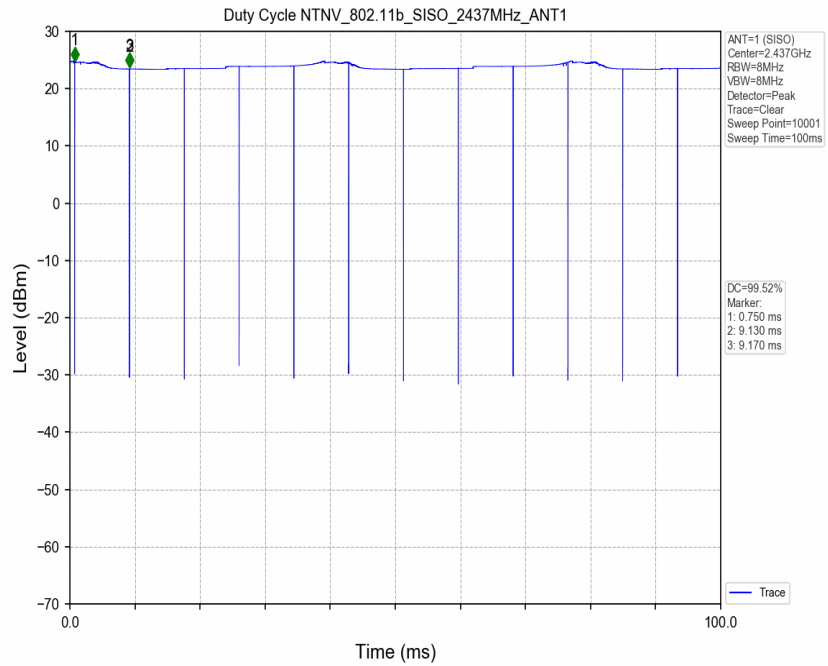
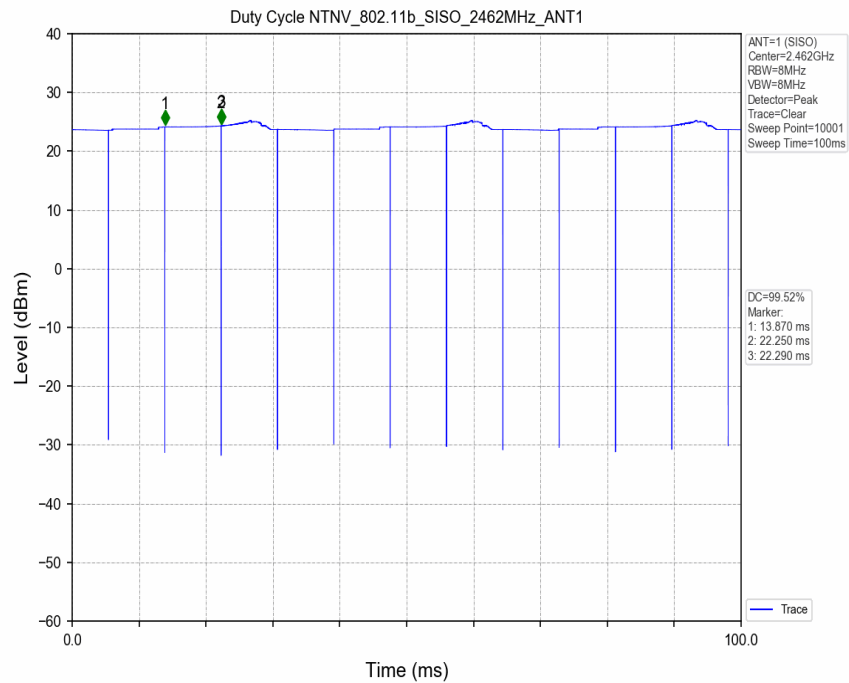
1. Duty Cycle

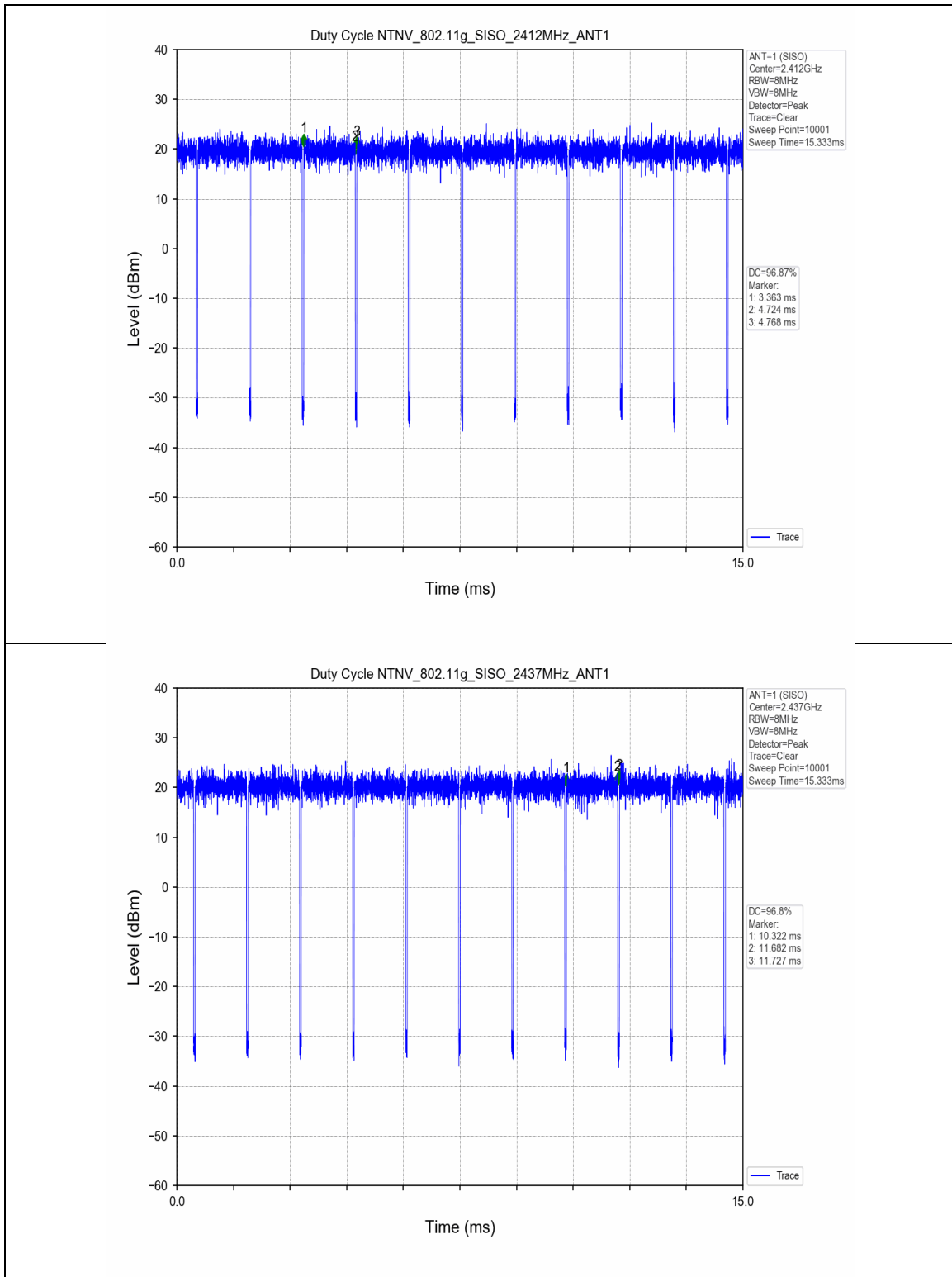
1.1 Test Result

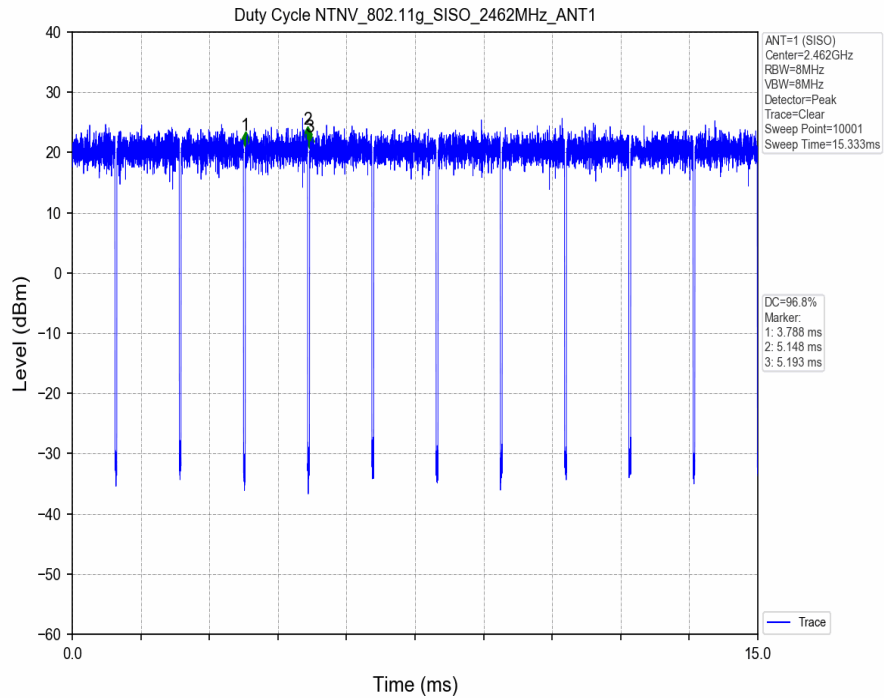
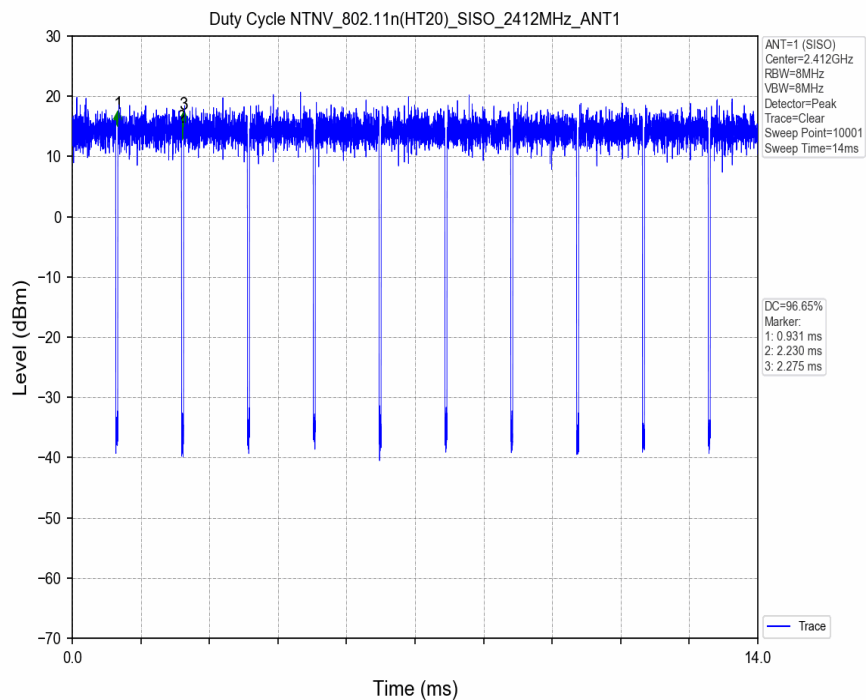
Test Mode	Channel Frequency(M Hz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11b	2412	SISO	1	8.380	8.420	99.52	0.02
	2437	SISO	1	8.380	8.420	99.52	0.02
	2462	SISO	1	8.380	8.420	99.52	0.02
802.11g	2412	SISO	1	1.361	1.405	96.87	0.14
	2437	SISO	1	1.360	1.405	96.80	0.14
	2462	SISO	1	1.360	1.405	96.80	0.14
802.11n(HT20)	2412	SISO	1	1.299	1.344	96.65	0.15
	2437	SISO	1	1.299	1.344	96.65	0.15
	2462	SISO	1	1.299	1.344	96.65	0.15

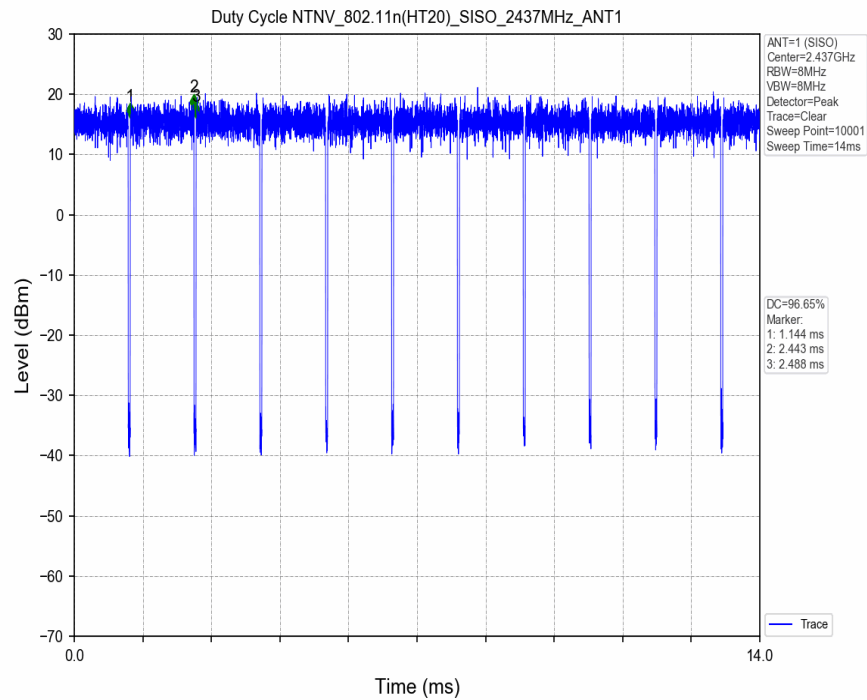
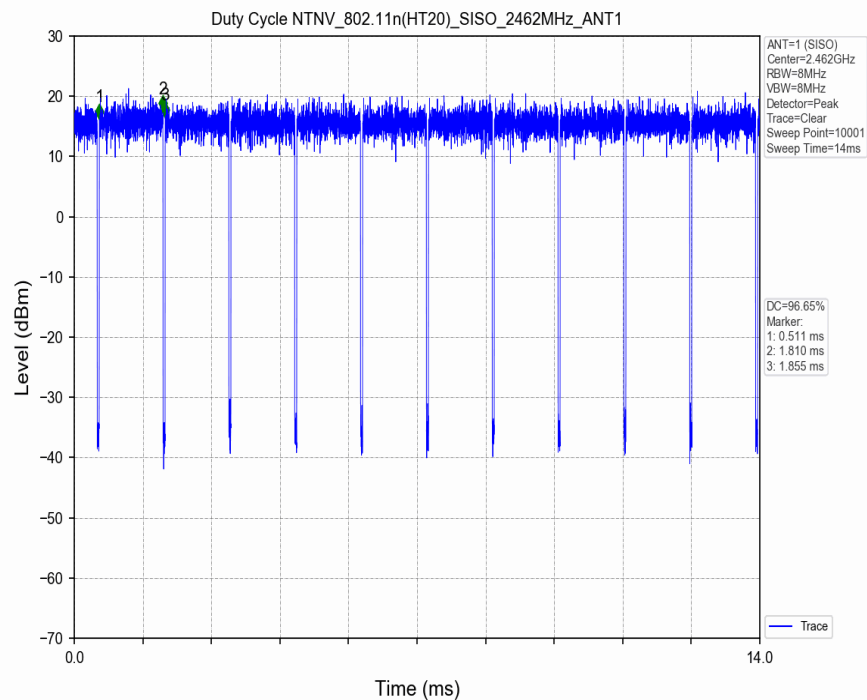
1.2 Test Graph











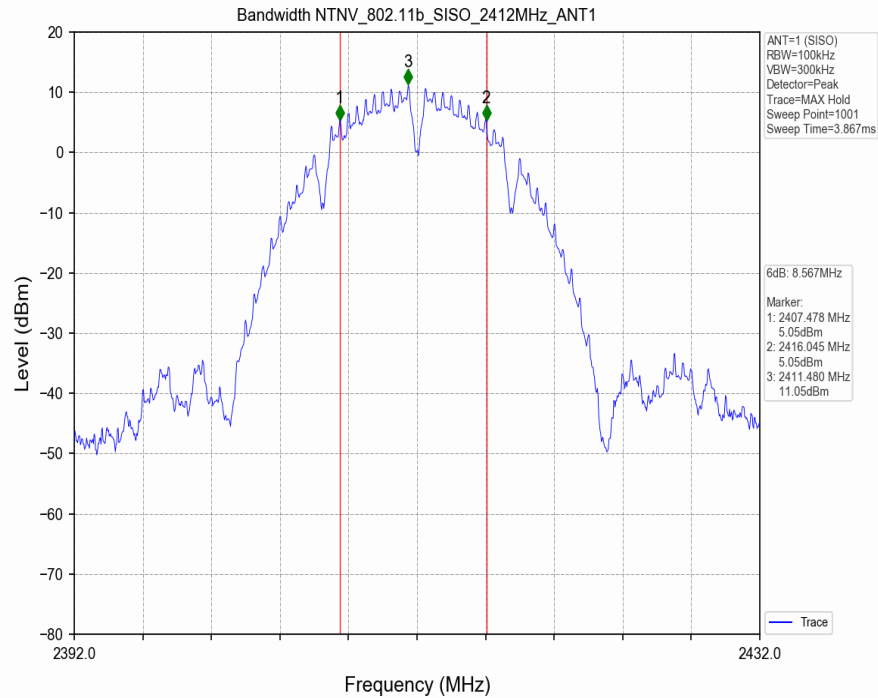
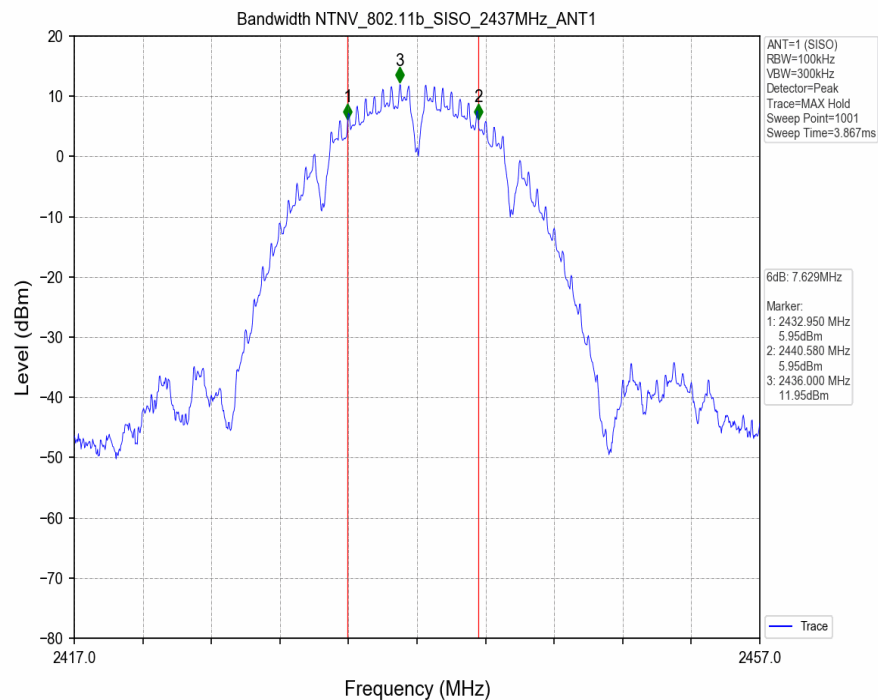
2. Bandwidth

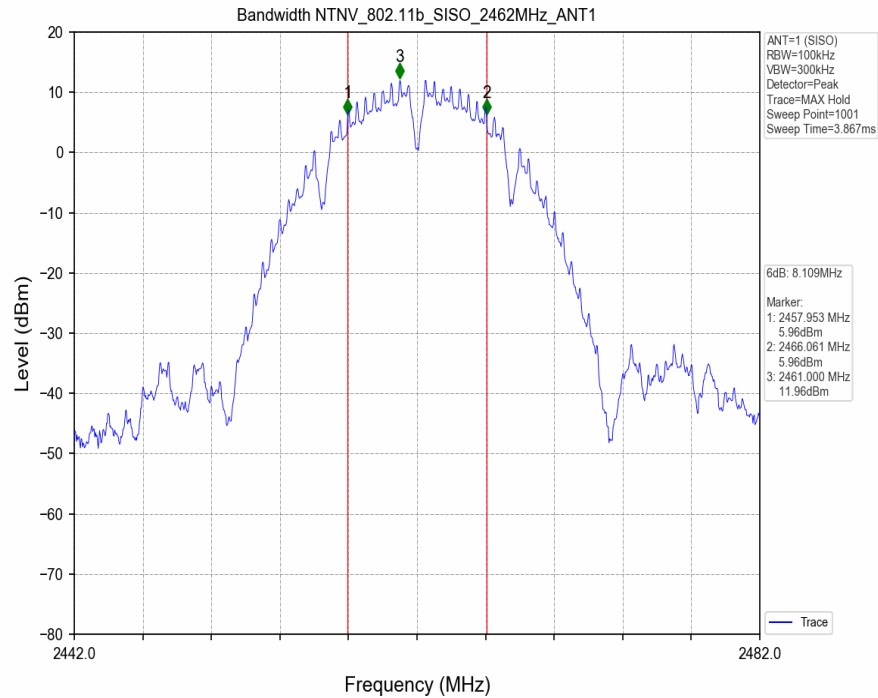
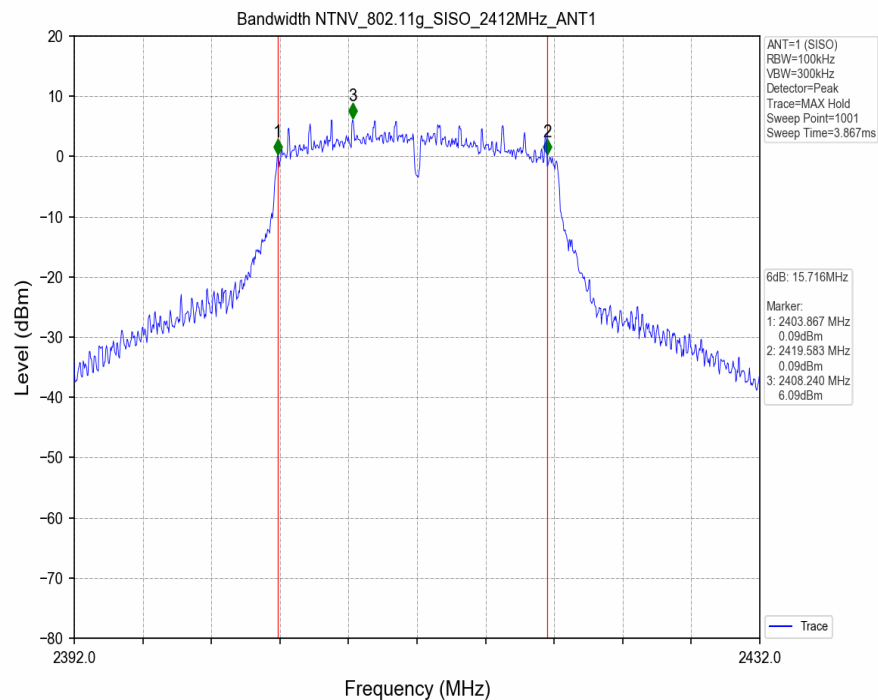
2.1 Test Result

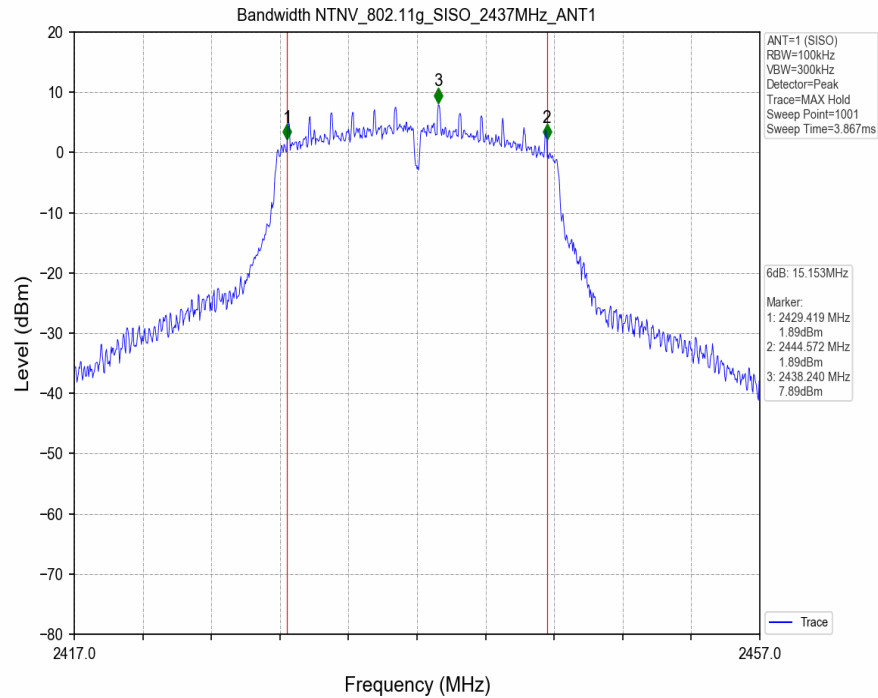
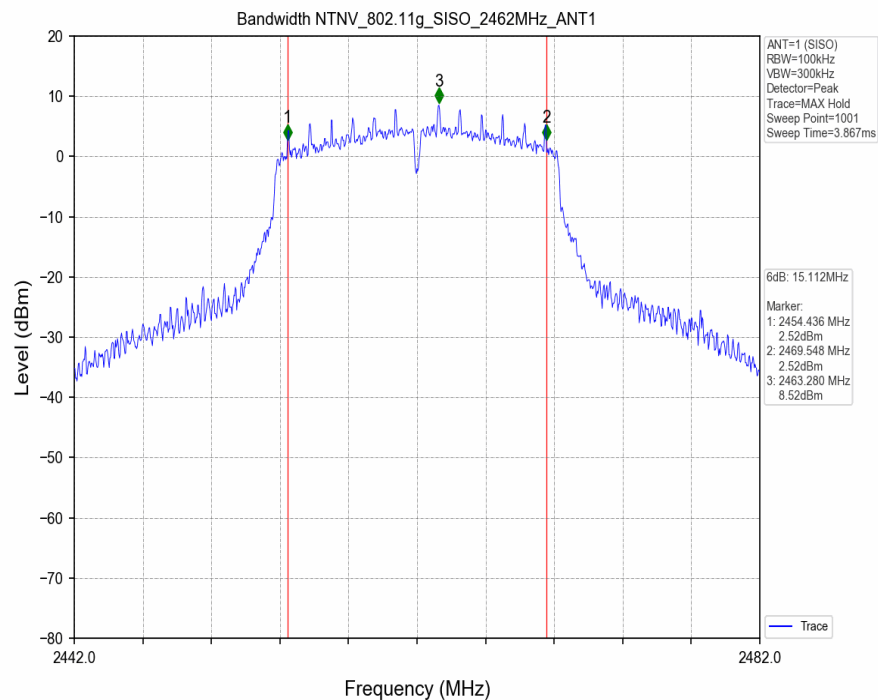
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11b	2412	SISO	1	8.567	≥0.5	PASS
	2437	SISO	1	7.629	≥0.5	PASS
	2462	SISO	1	8.109	≥0.5	PASS
802.11g	2412	SISO	1	15.716	≥0.5	PASS
	2437	SISO	1	15.153	≥0.5	PASS
	2462	SISO	1	15.112	≥0.5	PASS
802.11n(HT20)	2412	SISO	1	15.479	≥0.5	PASS
	2437	SISO	1	15.124	≥0.5	PASS
	2462	SISO	1	15.131	≥0.5	PASS

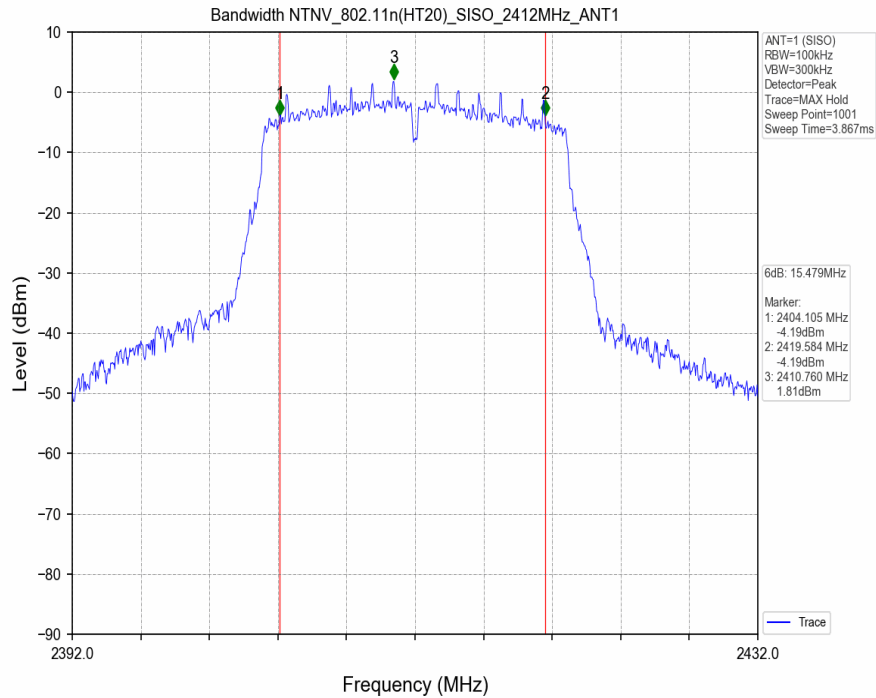
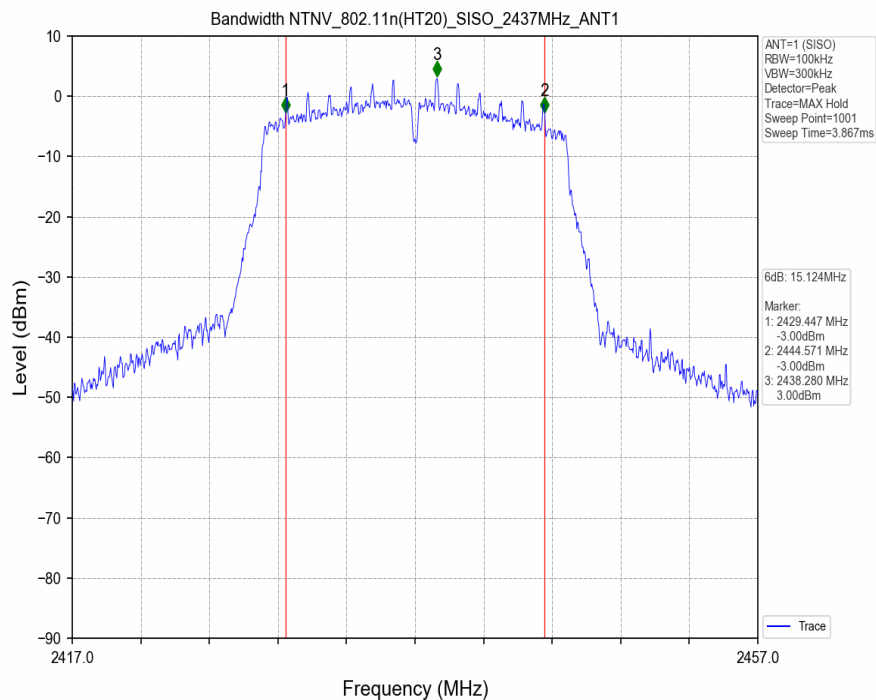
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	13.092	Only for Report Use
	2437	SISO	1	12.937	Only for Report Use
	2462	SISO	1	13.047	Only for Report Use
802.11g	2412	SISO	1	16.792	Only for Report Use
	2437	SISO	1	16.635	Only for Report Use
	2462	SISO	1	16.720	Only for Report Use
802.11n(HT20)	2412	SISO	1	17.713	Only for Report Use
	2437	SISO	1	17.618	Only for Report Use
	2462	SISO	1	17.666	Only for Report Use

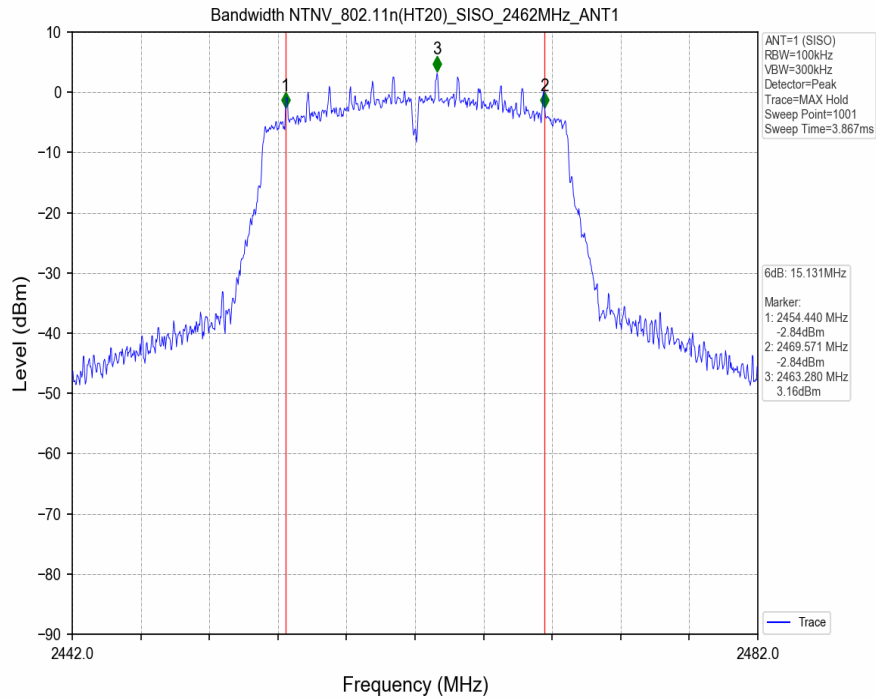
2.2 Test Graph - 6dB Bandwidth



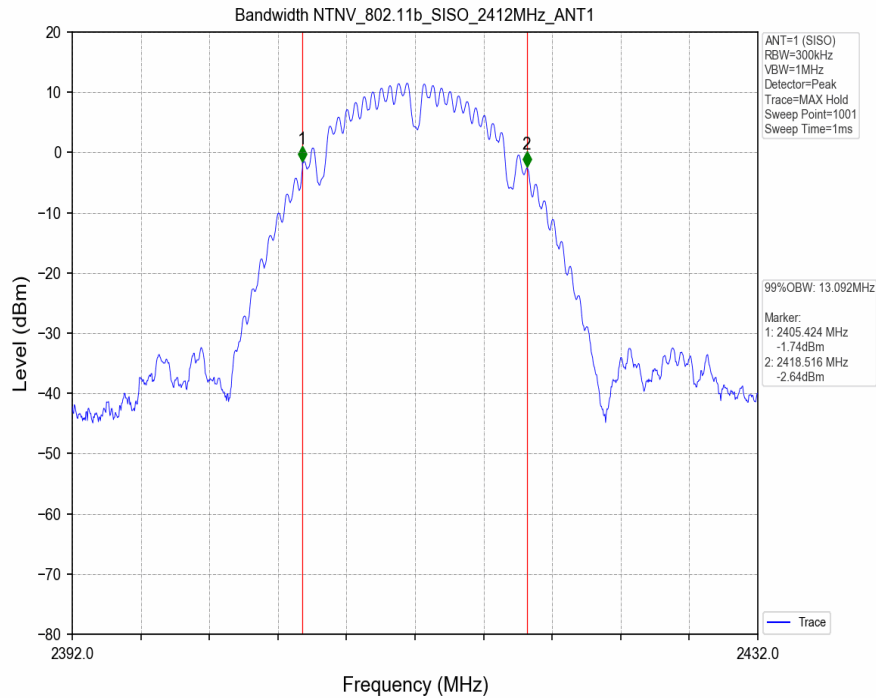
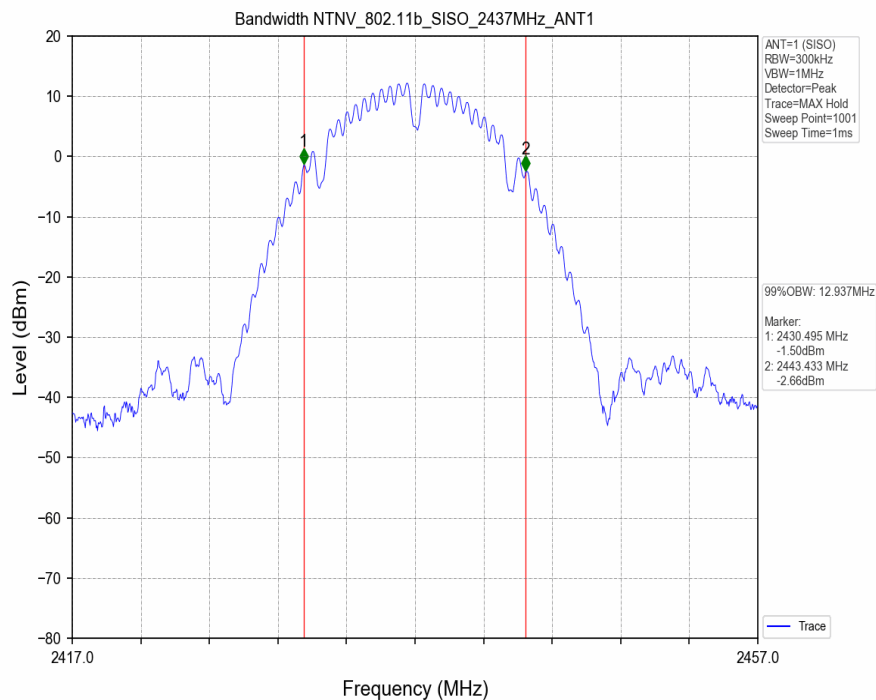


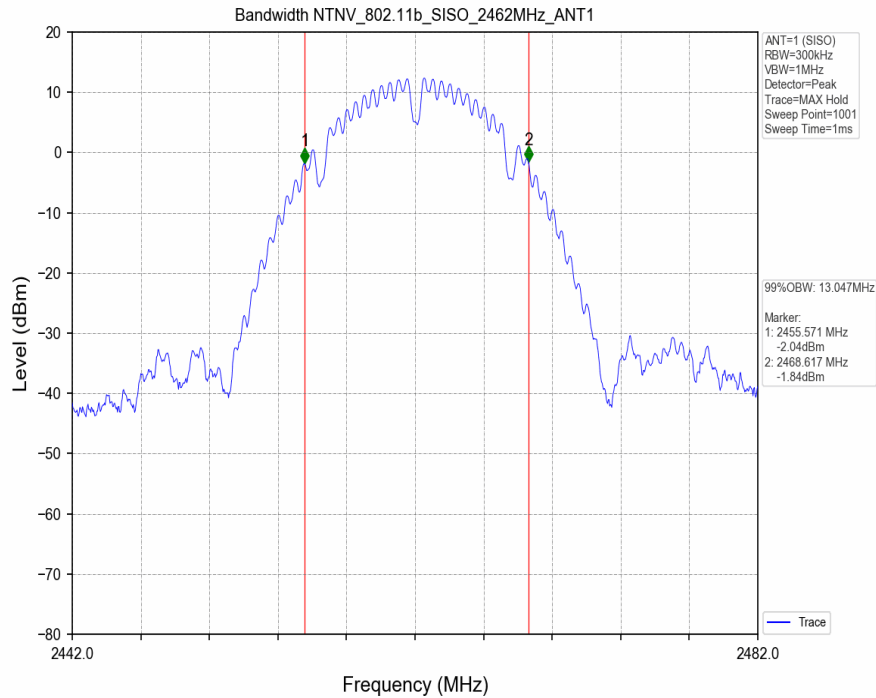
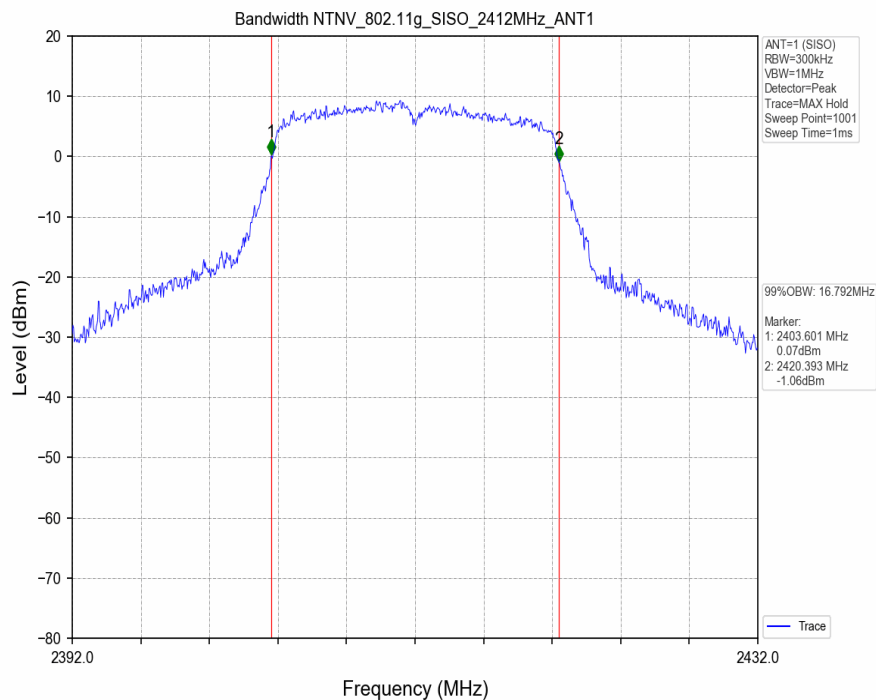


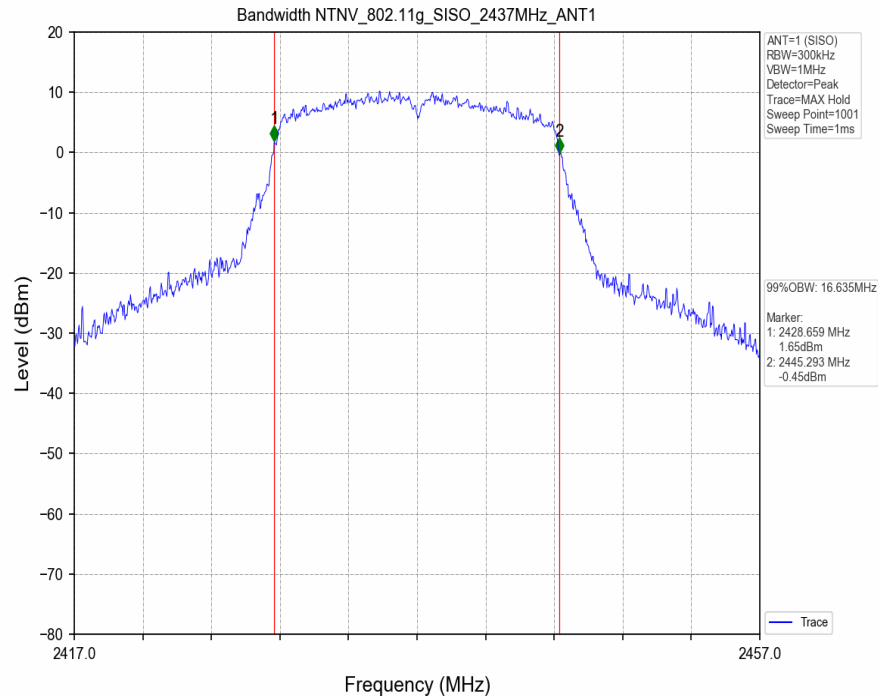
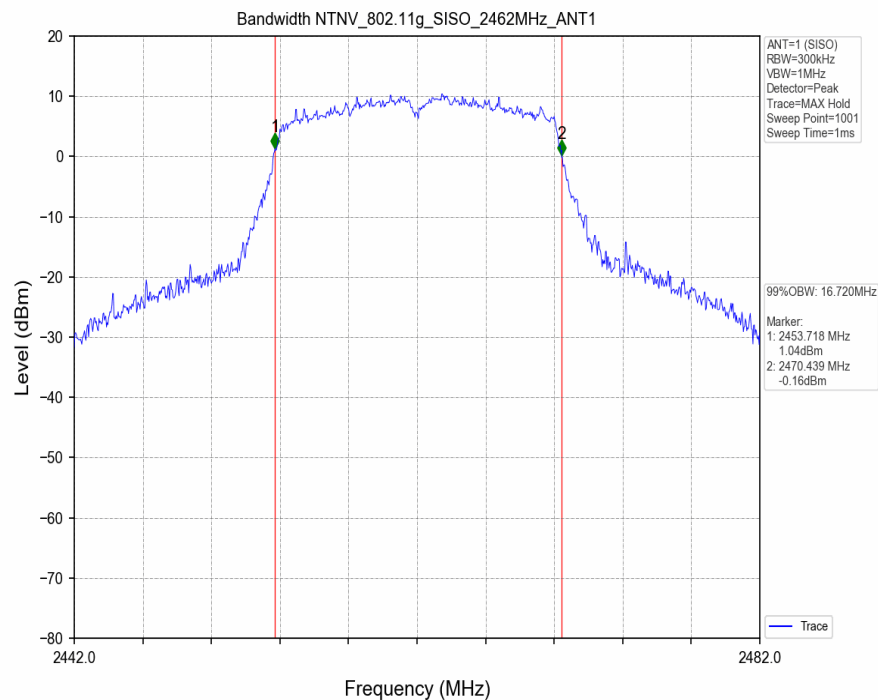


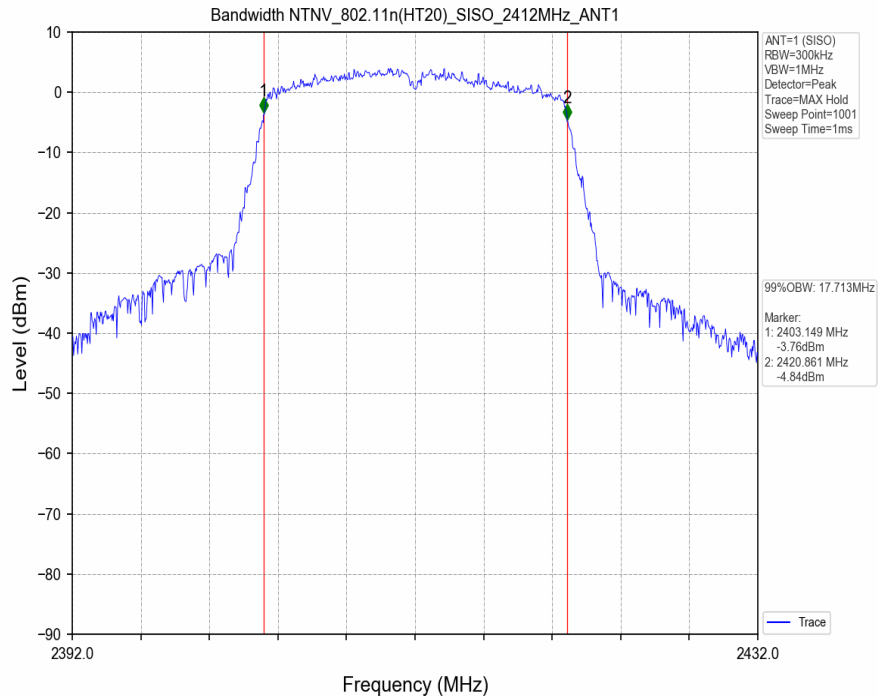
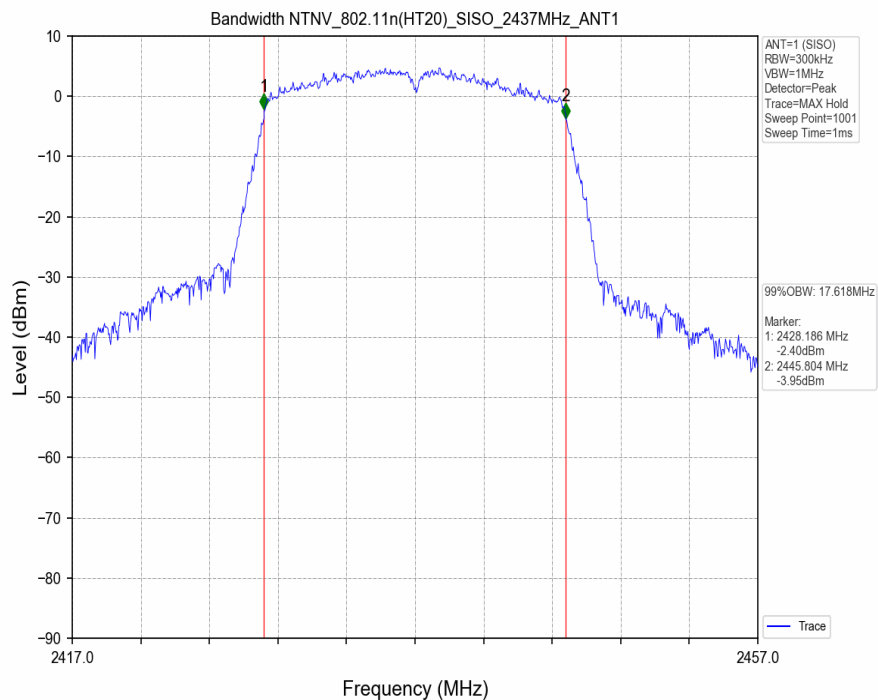


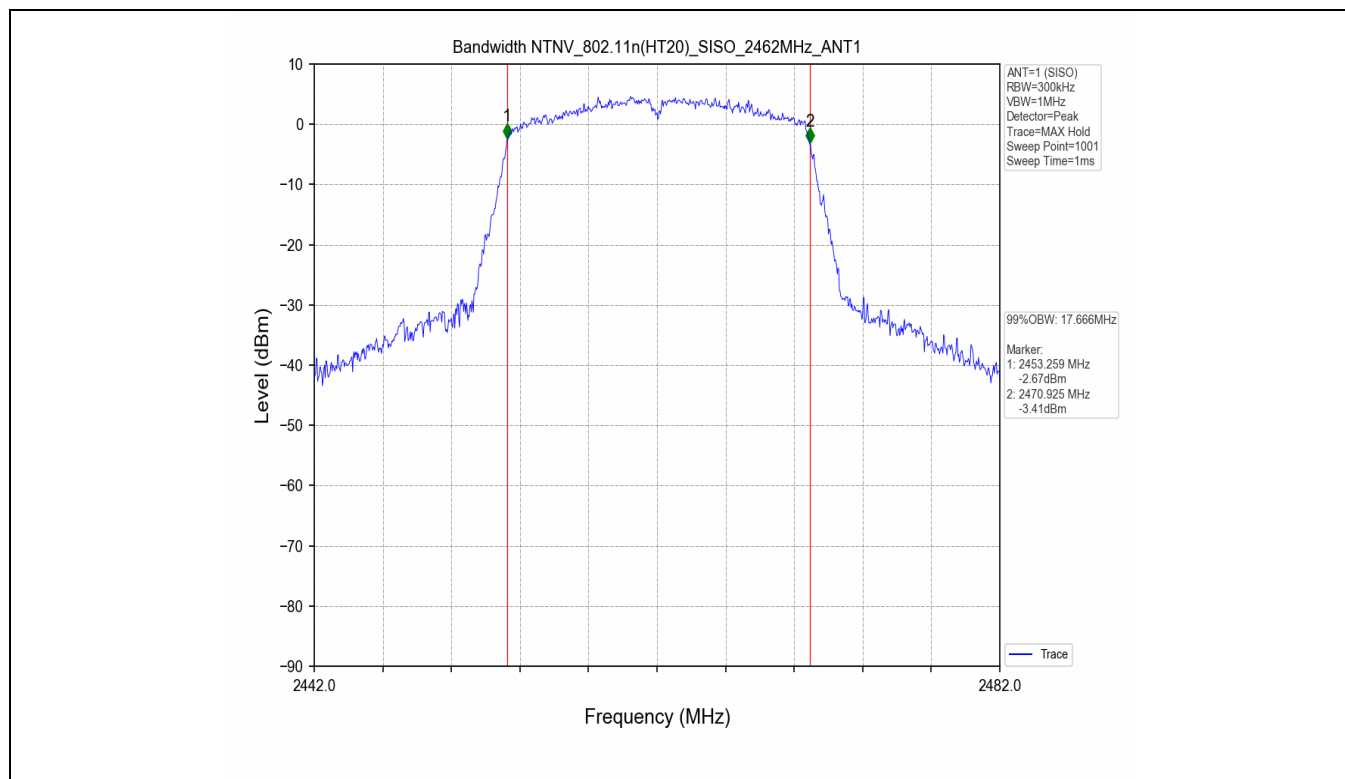
2.3 Test Graph - 99% Occupied Bandwidth









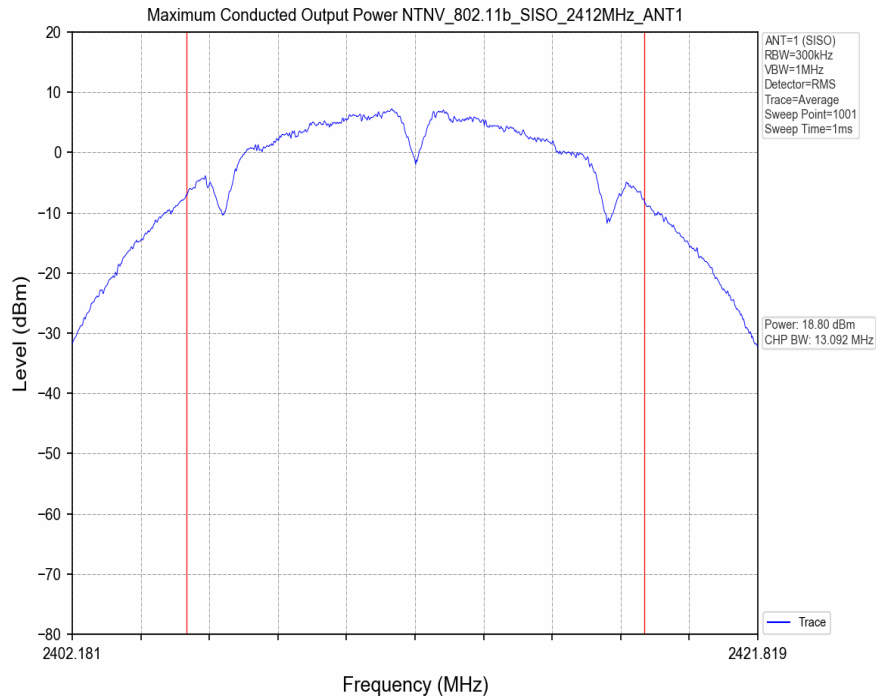
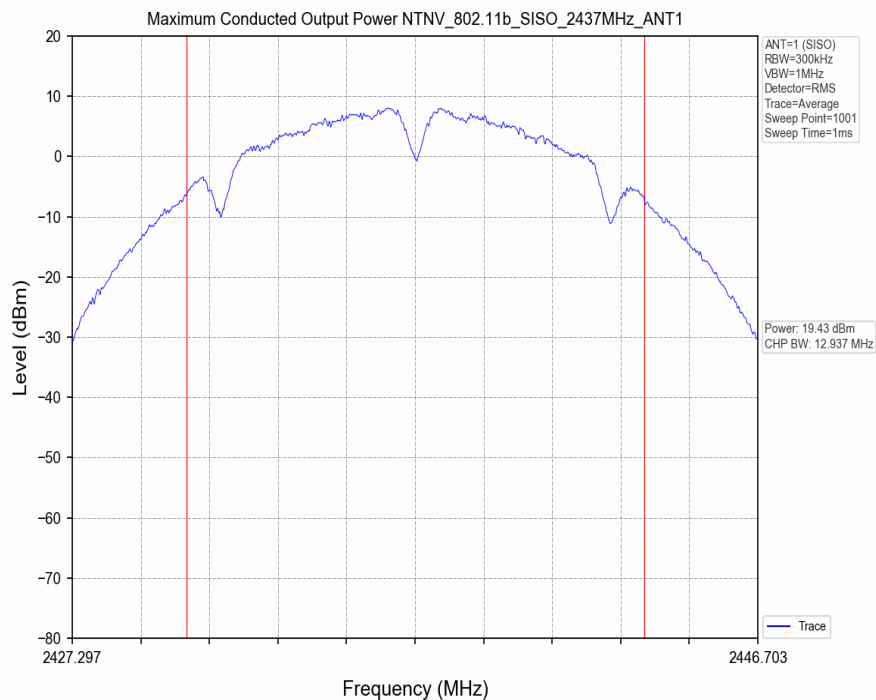


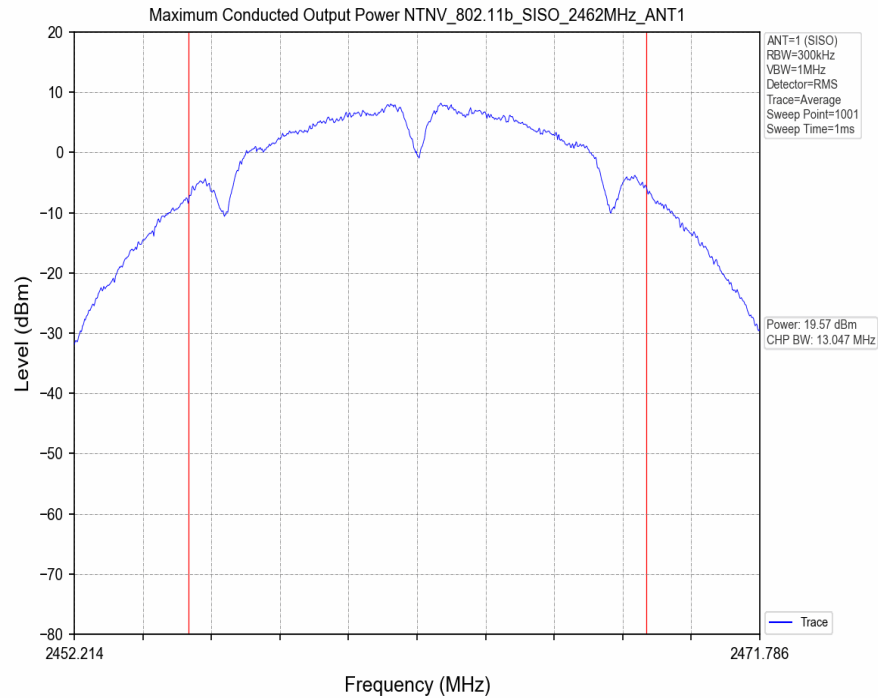
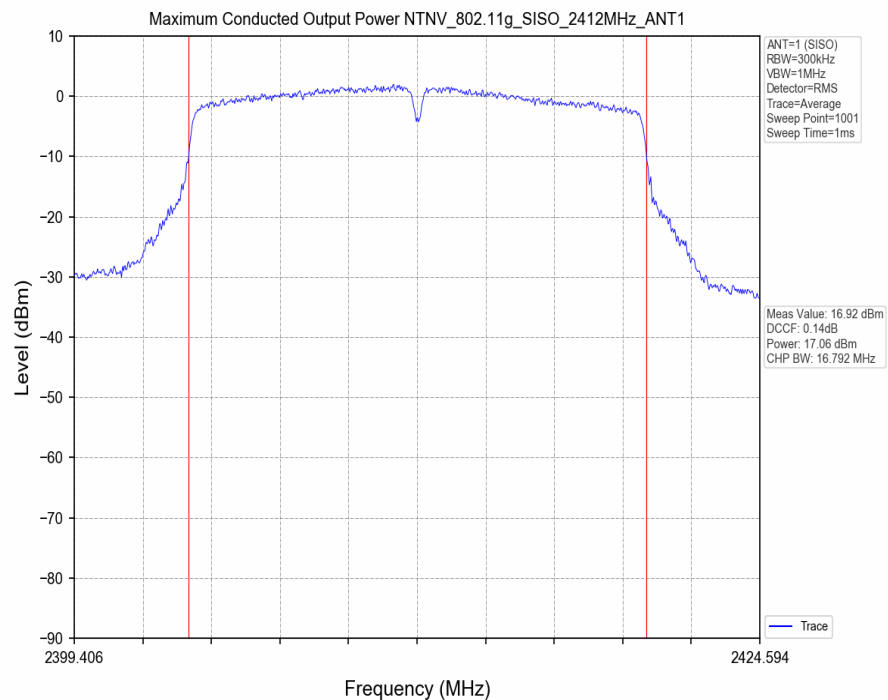
3. Maximum Conducted Output Power

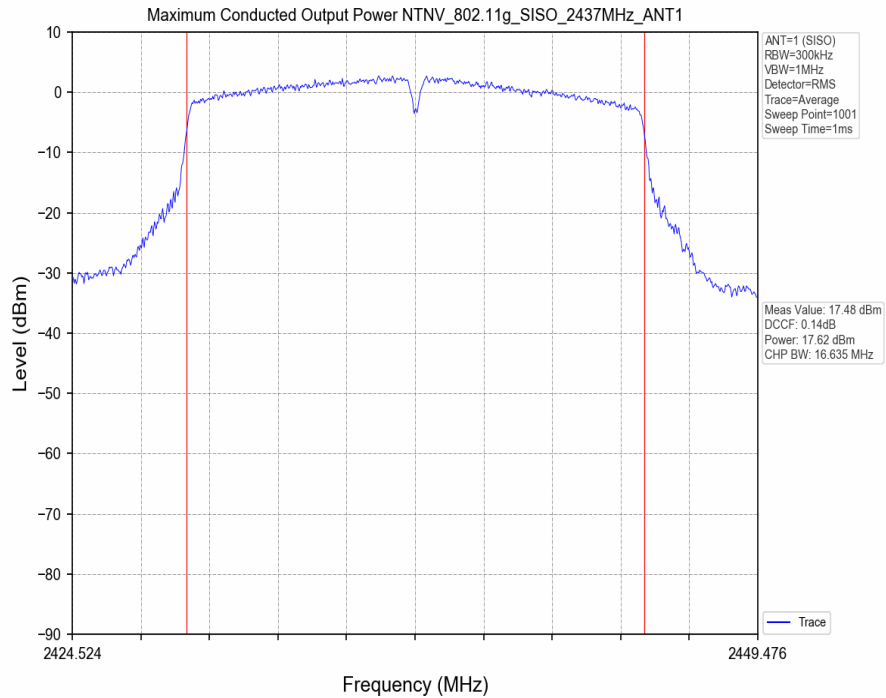
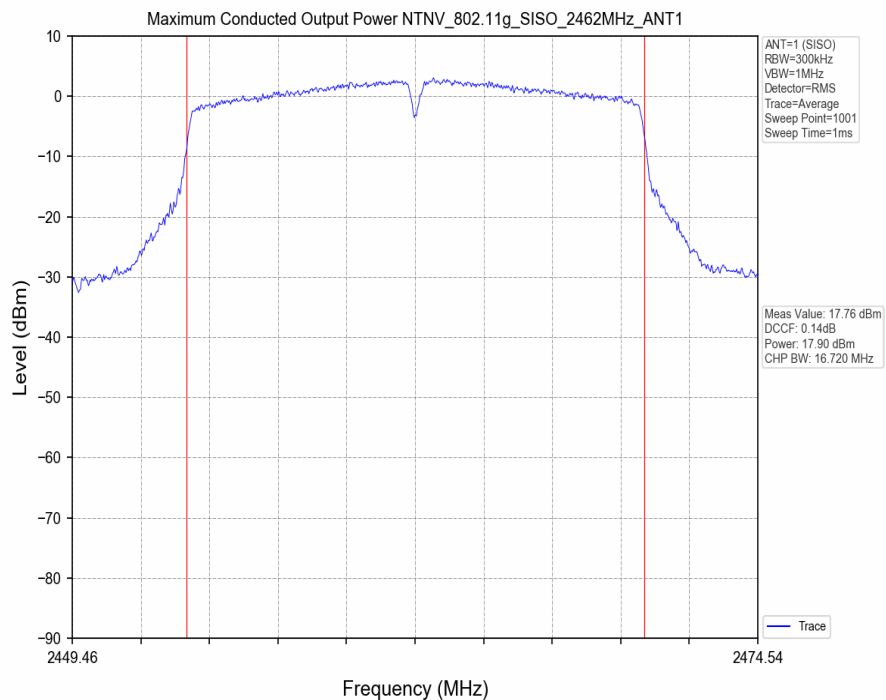
3.1 Test Result

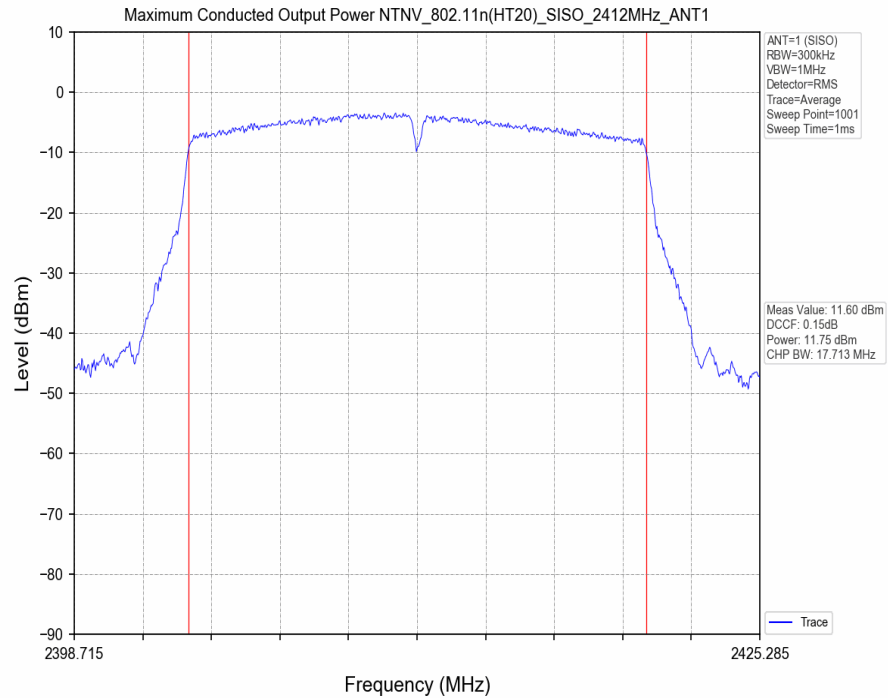
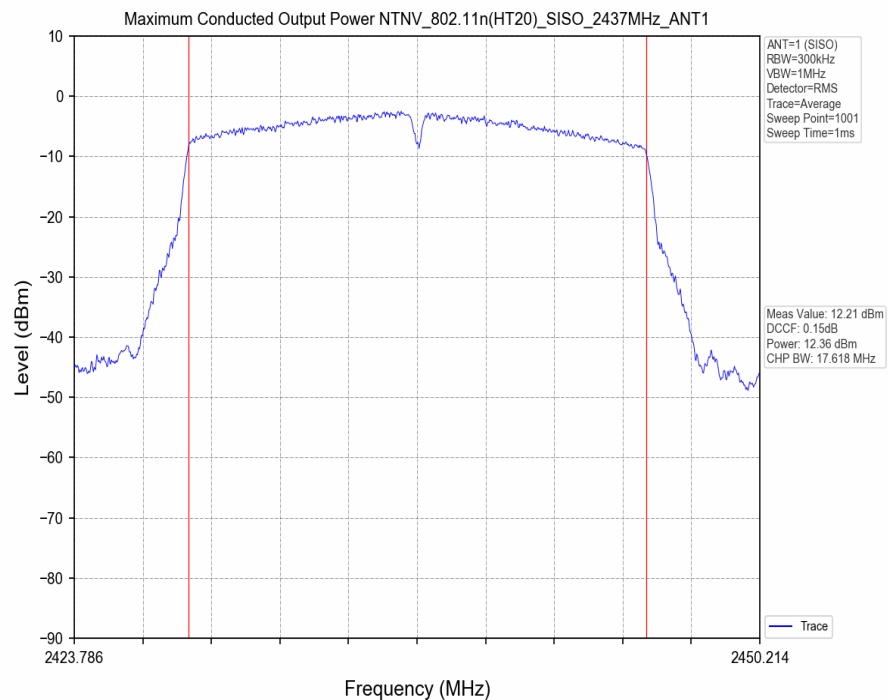
Test Mode	Frequency (MHz)	Tx Type	Measured Average Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
802.11b	2412	SISO	18.80	30	PASS
	2437	SISO	19.43	30	PASS
	2462	SISO	19.57	30	PASS
802.11g	2412	SISO	17.06	30	PASS
	2437	SISO	17.62	30	PASS
	2462	SISO	17.90	30	PASS
802.11n(HT20)	2412	SISO	11.75	30	PASS
	2437	SISO	12.36	30	PASS
	2462	SISO	12.59	30	PASS

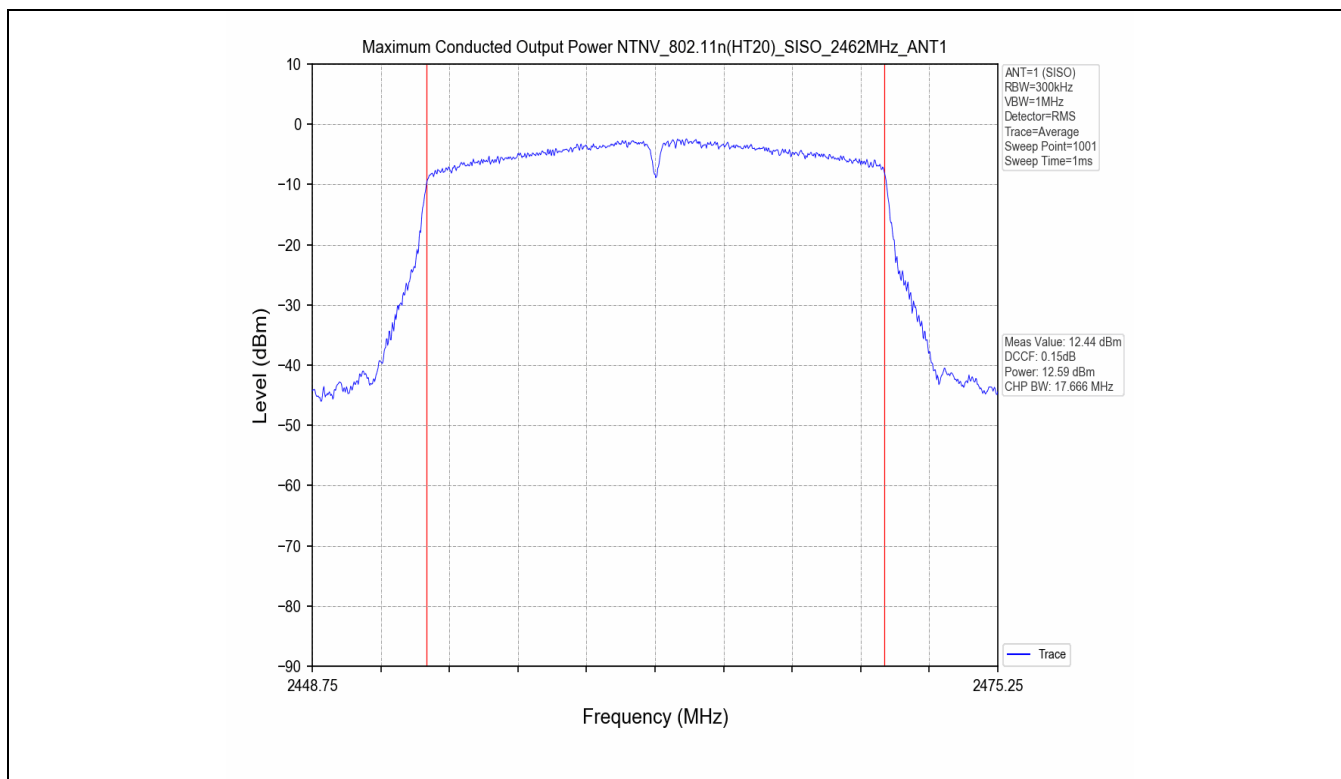
3.2 Test Graph









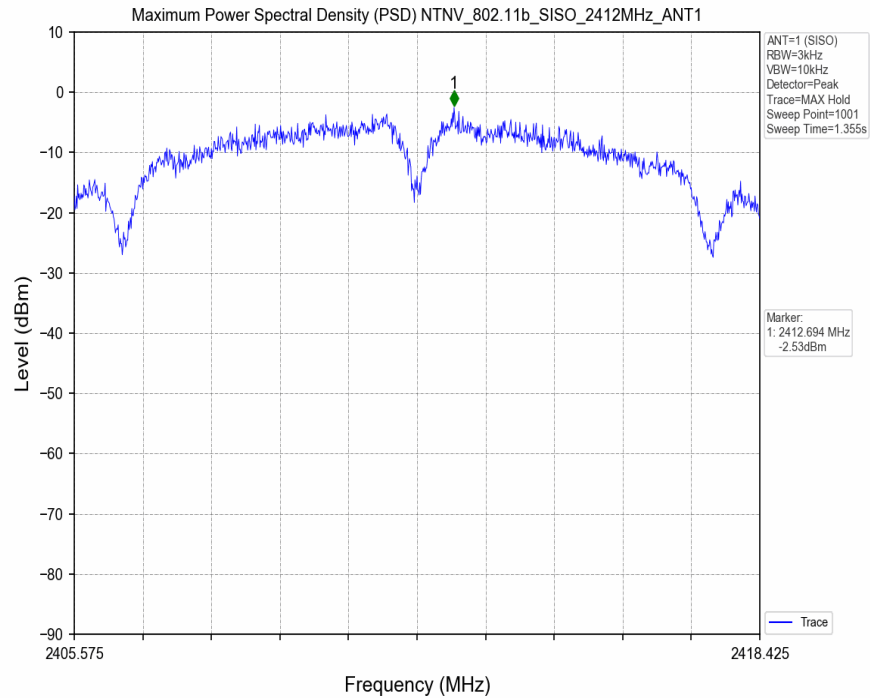
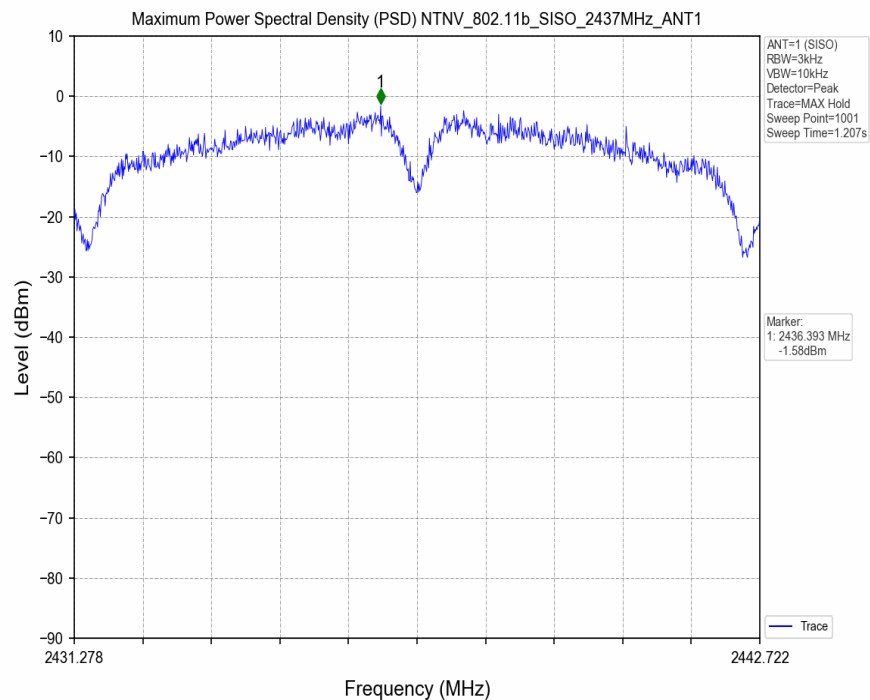


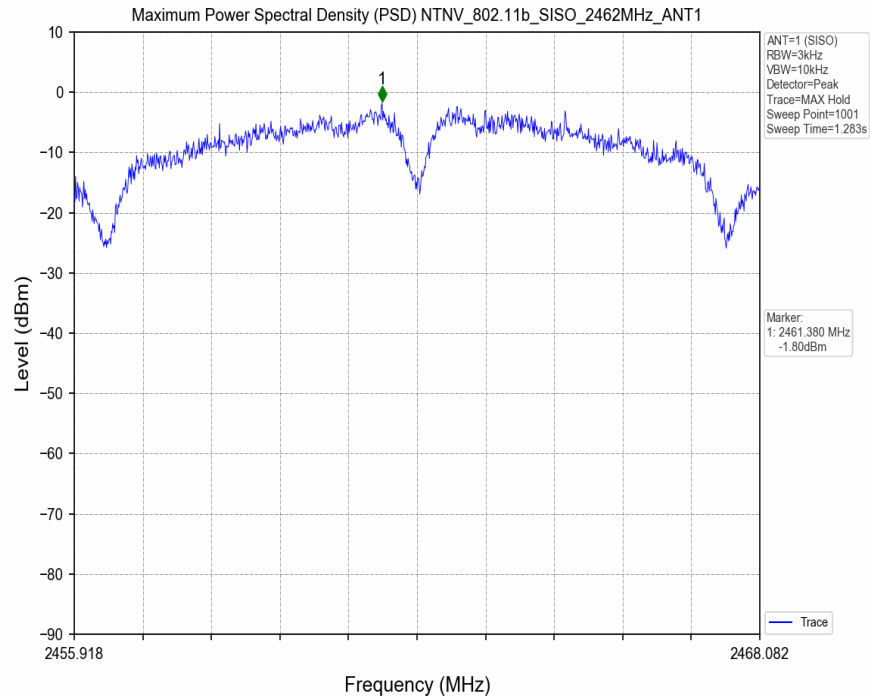
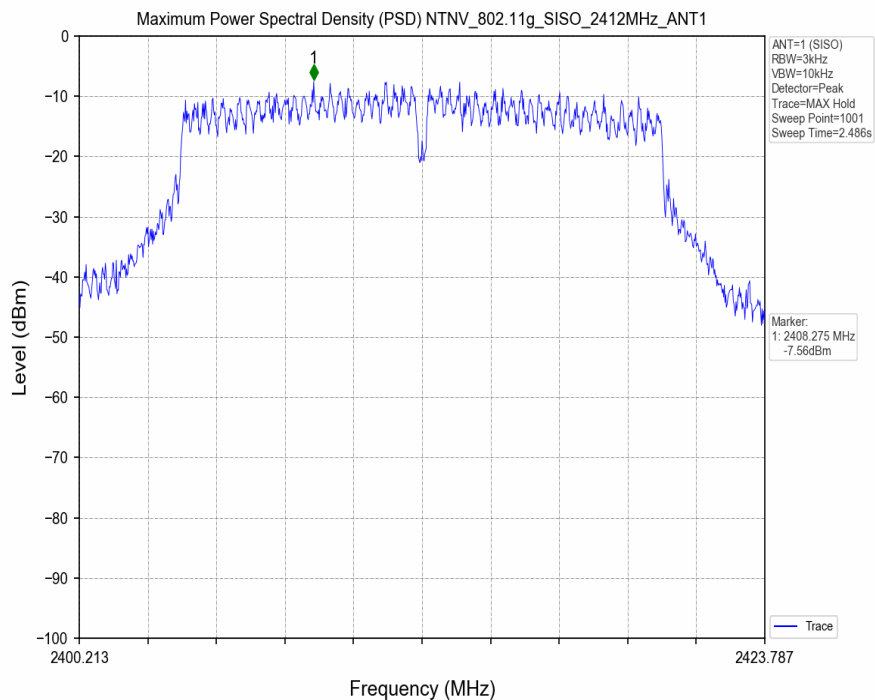
4. Maximum Power Spectral Density (PSD)

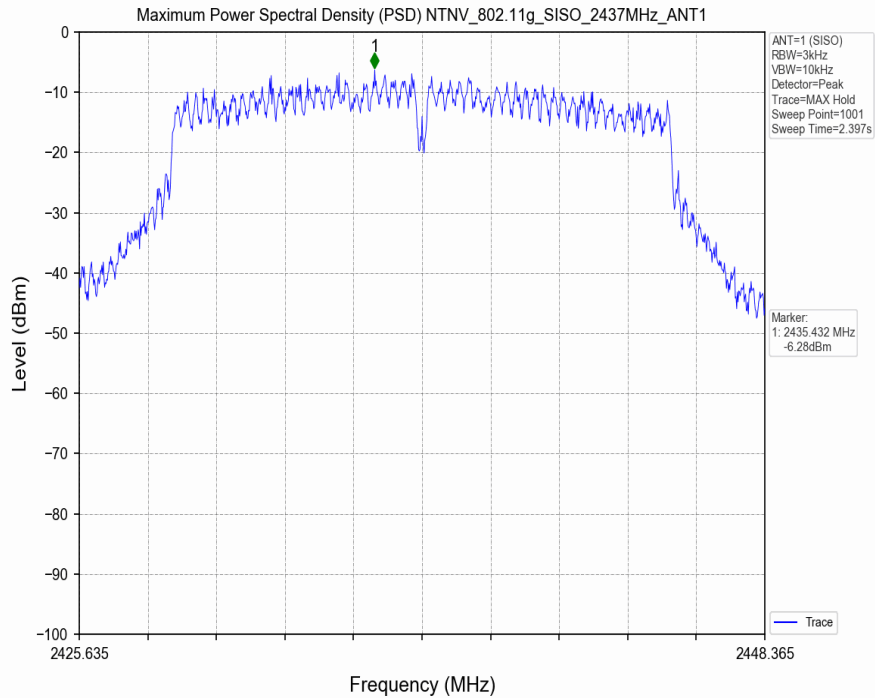
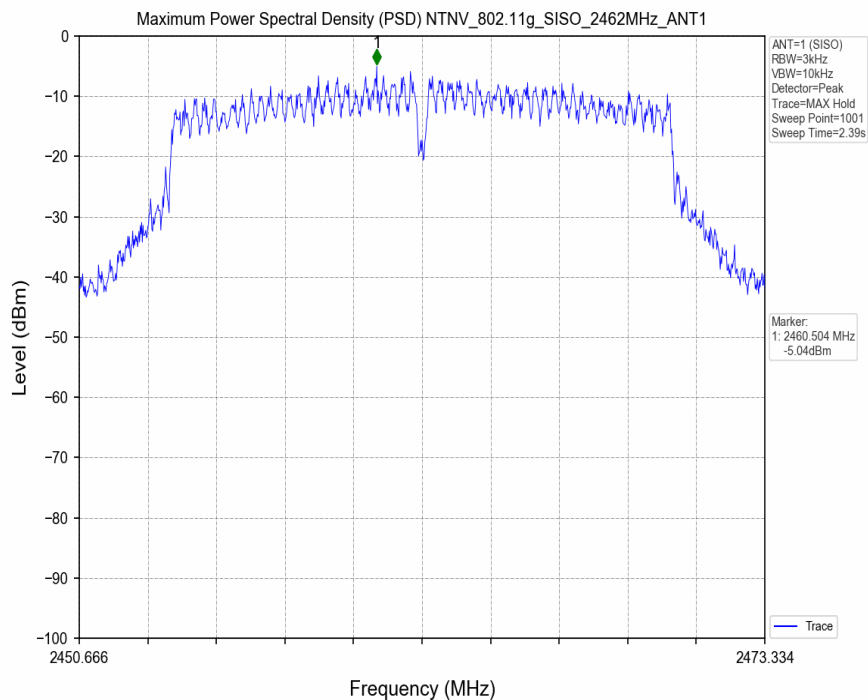
4.1 Test Result

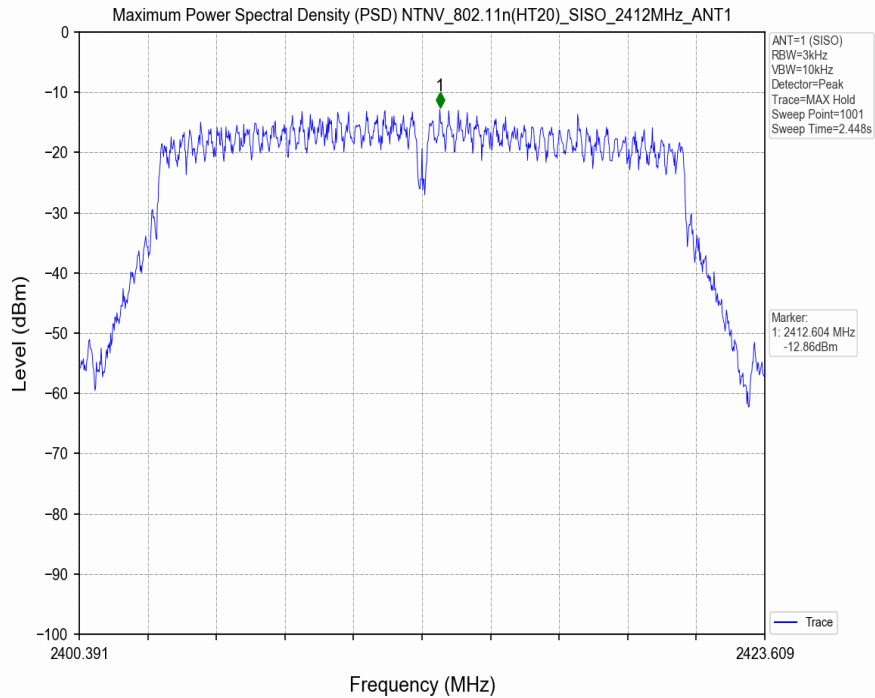
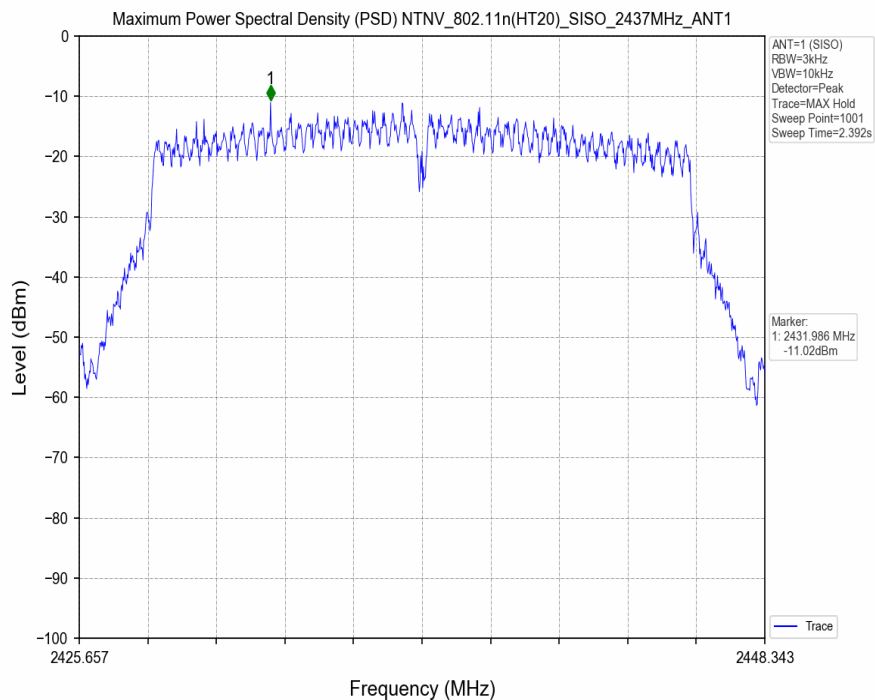
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
802.11b	2412	SISO	-2.53	≤8	PASS
	2437	SISO	-1.58	≤8	PASS
	2462	SISO	-1.80	≤8	PASS
802.11g	2412	SISO	-7.56	≤8	PASS
	2437	SISO	-6.28	≤8	PASS
	2462	SISO	-5.04	≤8	PASS
802.11n(HT20)	2412	SISO	-12.86	≤8	PASS
	2437	SISO	-11.02	≤8	PASS
	2462	SISO	-11.87	≤8	PASS

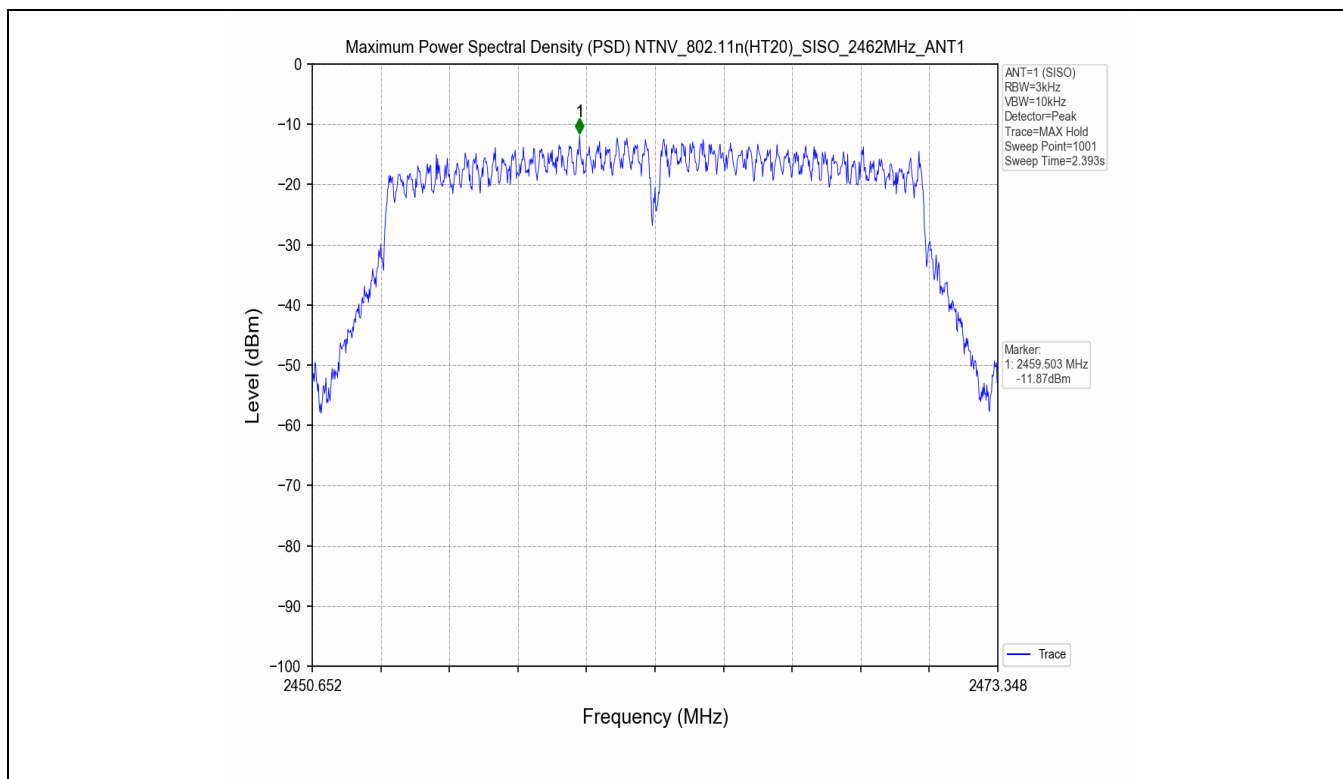
4.2 Test Graph











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	-17.79	PASS
	2437	SISO	1	Refer to test graph	-17.79	PASS
	2462	SISO	1	Refer to test graph	-17.79	PASS
802.11g	2412	SISO	1	Refer to test graph	-21.66	PASS
	2437	SISO	1	Refer to test graph	-21.66	PASS
	2462	SISO	1	Refer to test graph	-21.66	PASS
802.11n(HT20)	2412	SISO	1	Refer to test graph	-26.68	PASS
	2437	SISO	1	Refer to test graph	-26.68	PASS
	2462	SISO	1	Refer to test graph	-26.68	PASS

5.2 Test Graph

