

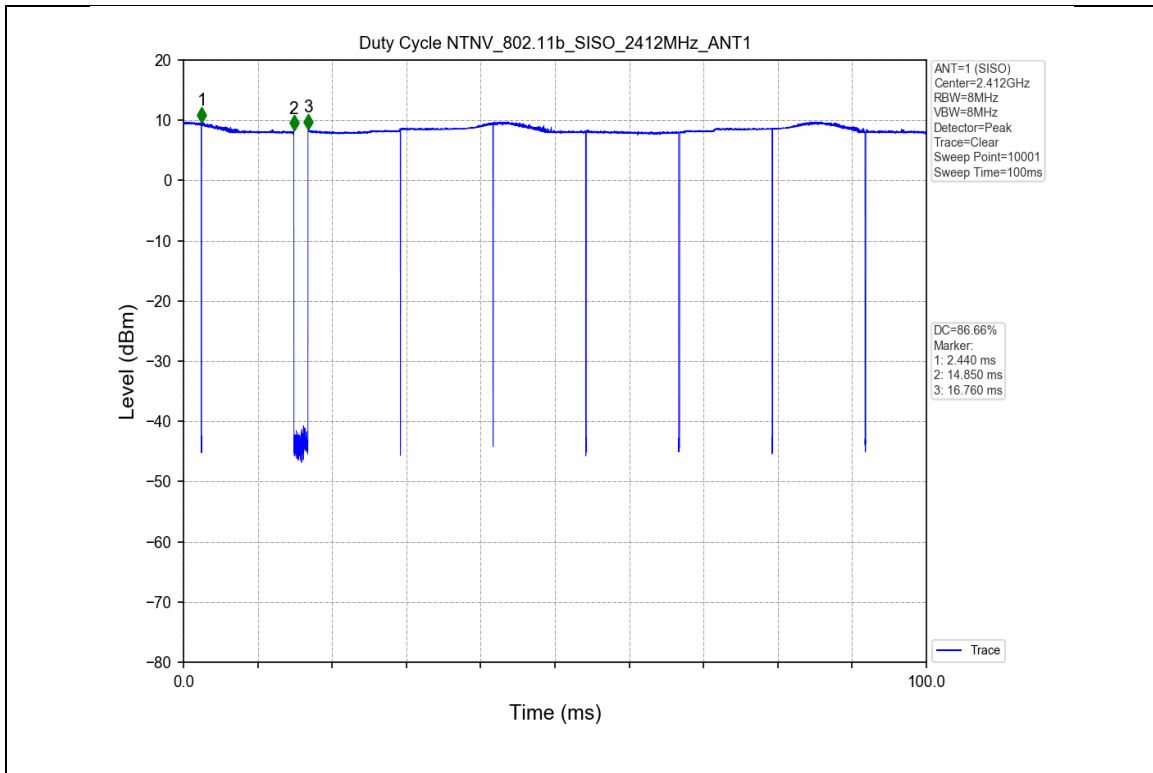
Appendix A for SHEMA201100966301

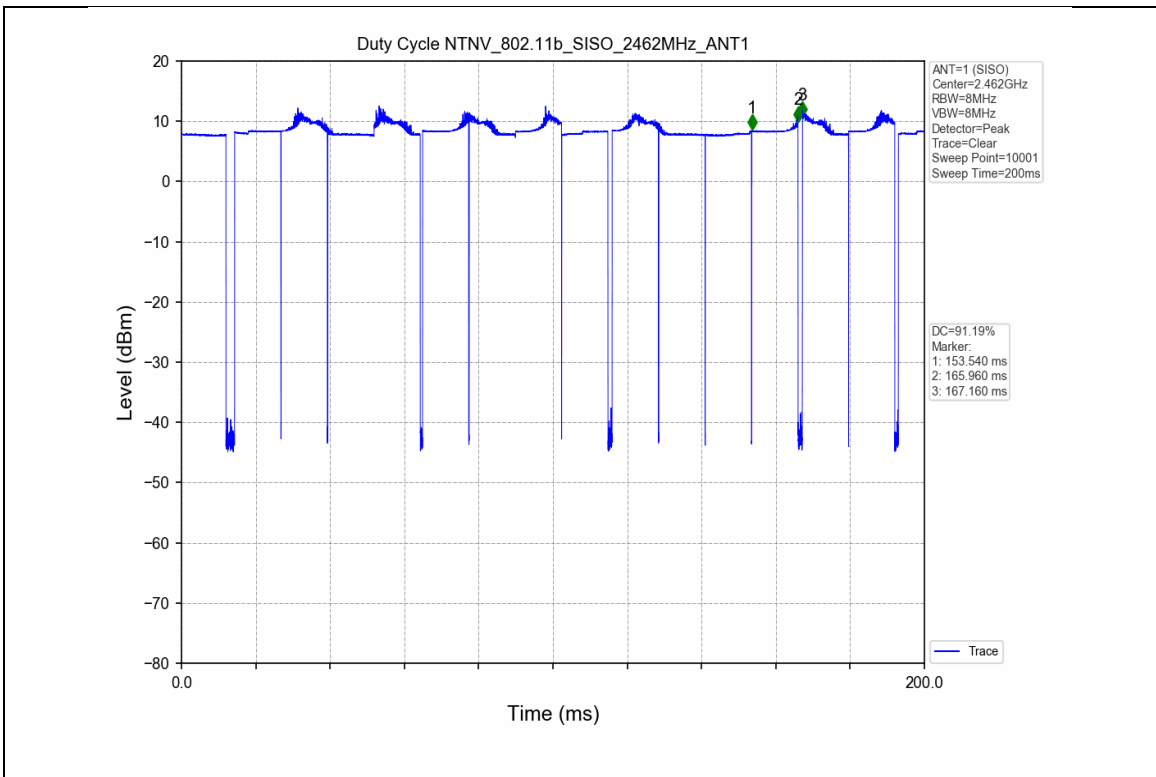
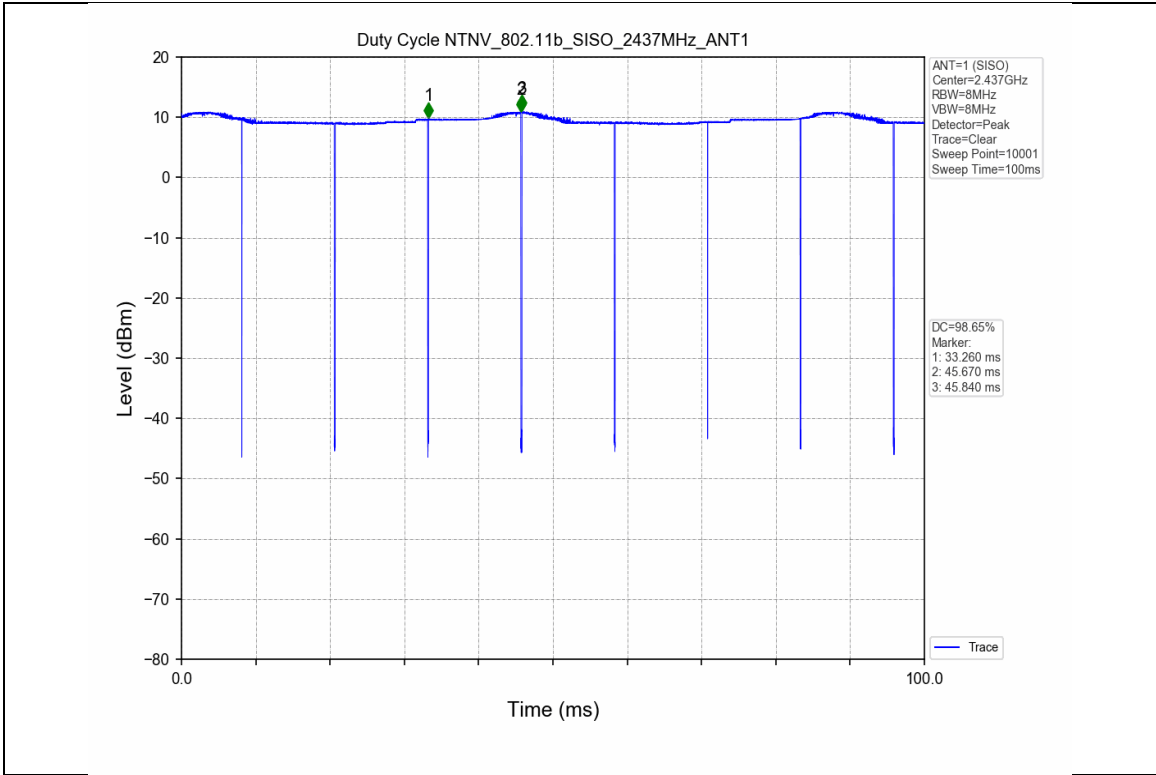
1. Duty Cycle

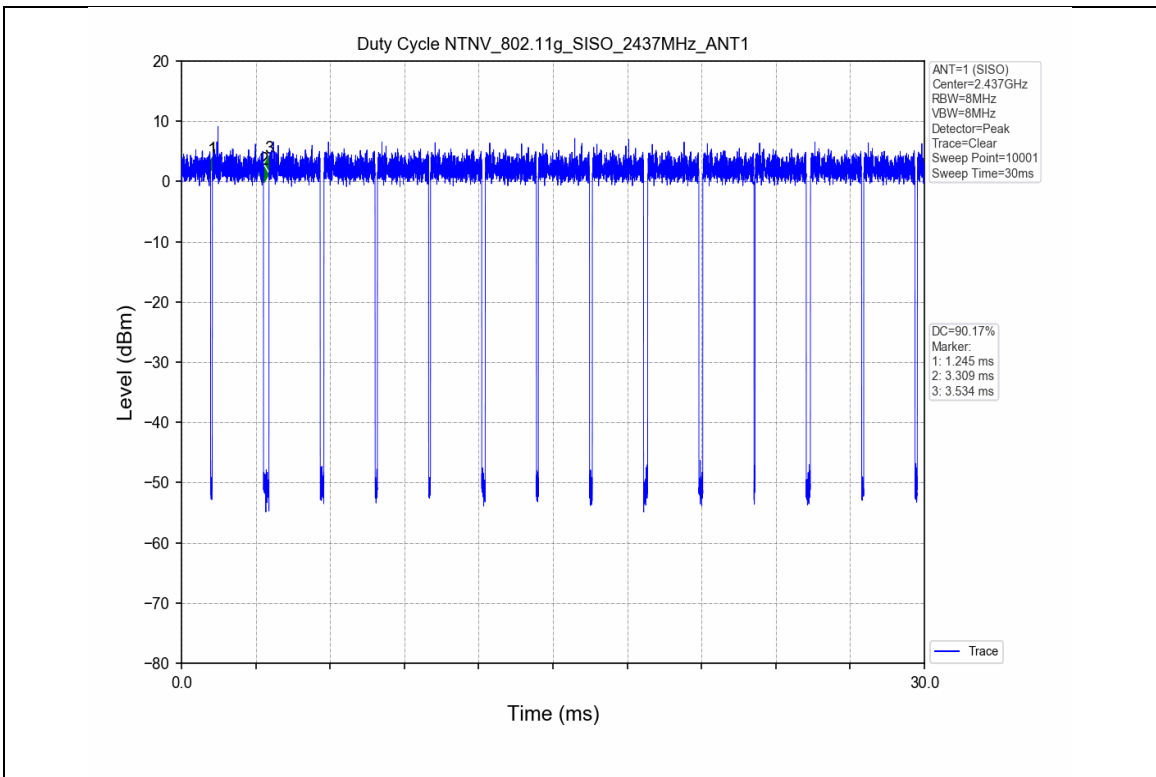
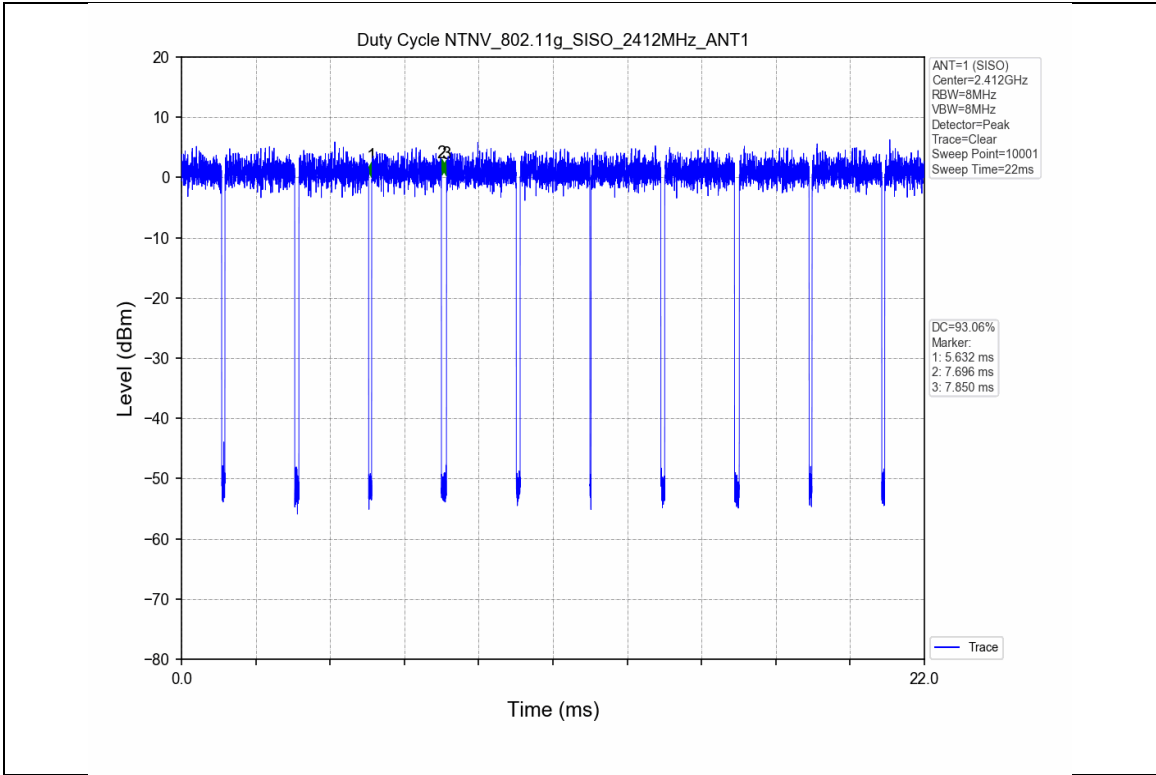
1.1 Test Result

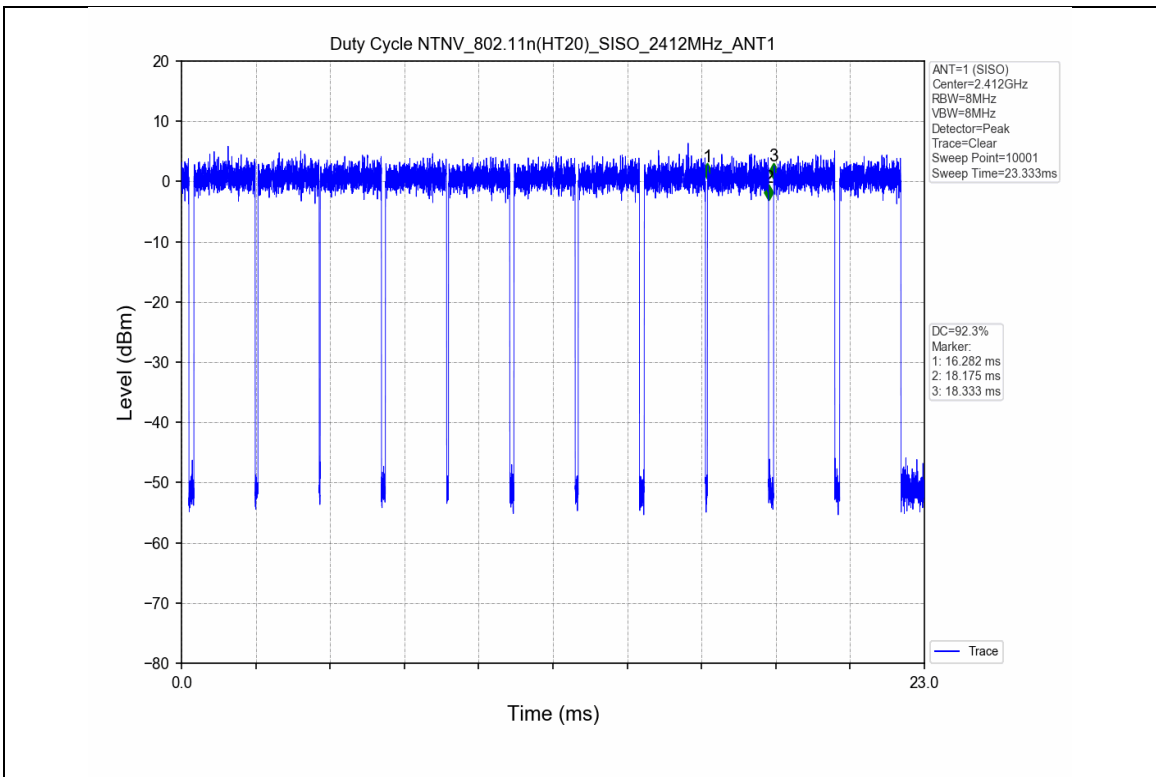
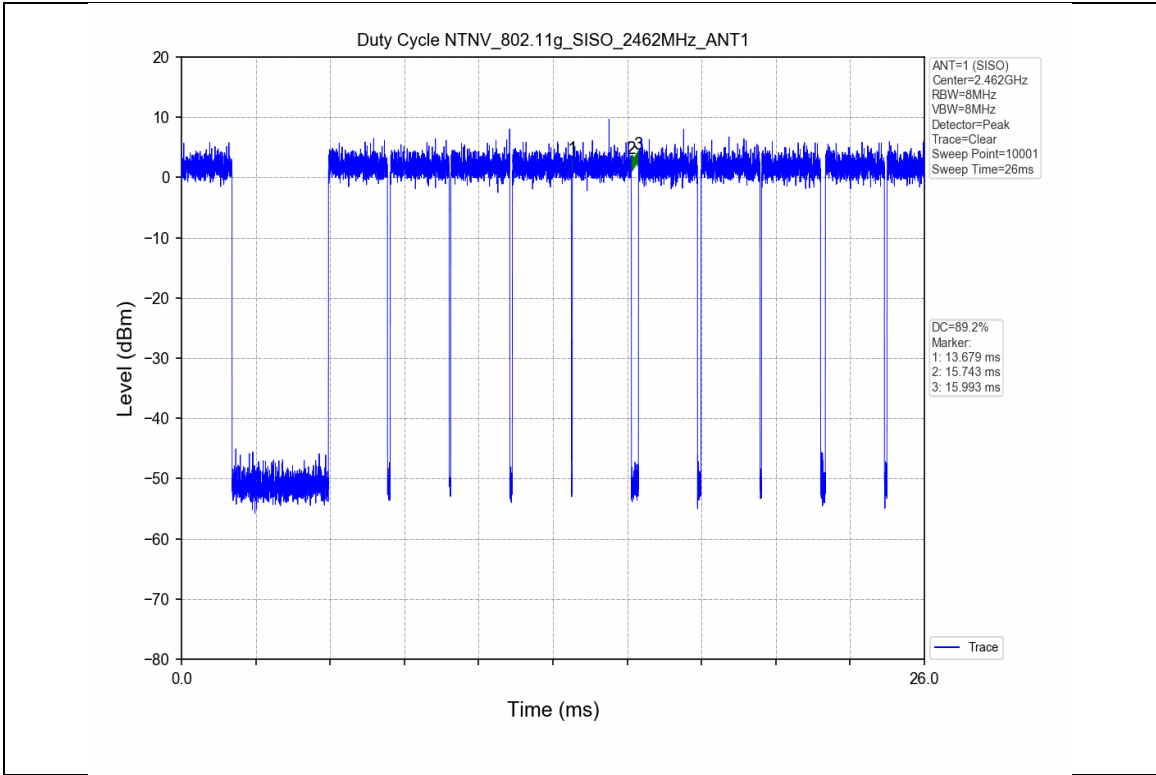
Test Mode	Channel Frequency(MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11b	2412	SISO	1	12.410	14.320	86.66	0.62
	2437	SISO	1	12.410	12.580	98.65	0.06
	2462	SISO	1	12.420	13.620	91.19	0.40
802.11g	2412	SISO	1	2.064	2.218	93.06	0.31
	2437	SISO	1	2.064	2.289	90.17	0.45
	2462	SISO	1	2.064	2.314	89.20	0.50
802.11n(HT20)	2412	SISO	1	1.893	2.051	92.30	0.35
	2437	SISO	1	1.893	2.114	89.55	0.48
	2462	SISO	1	1.920	2.092	91.78	0.37

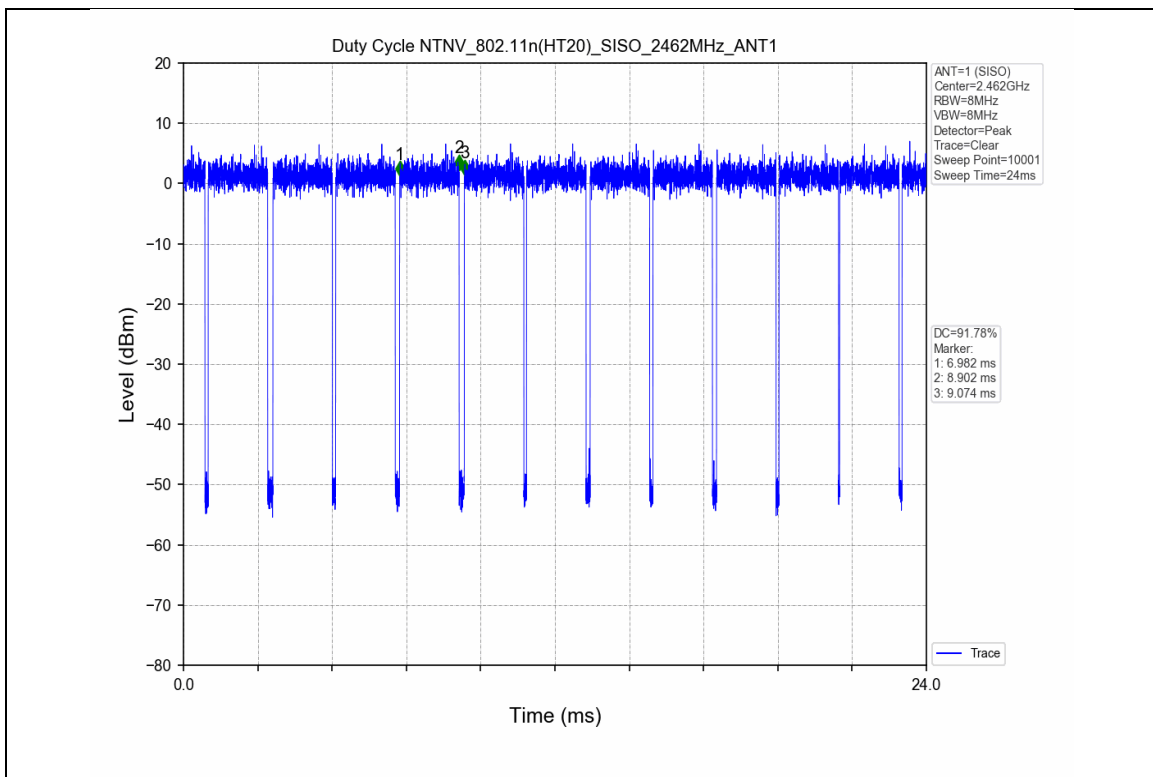
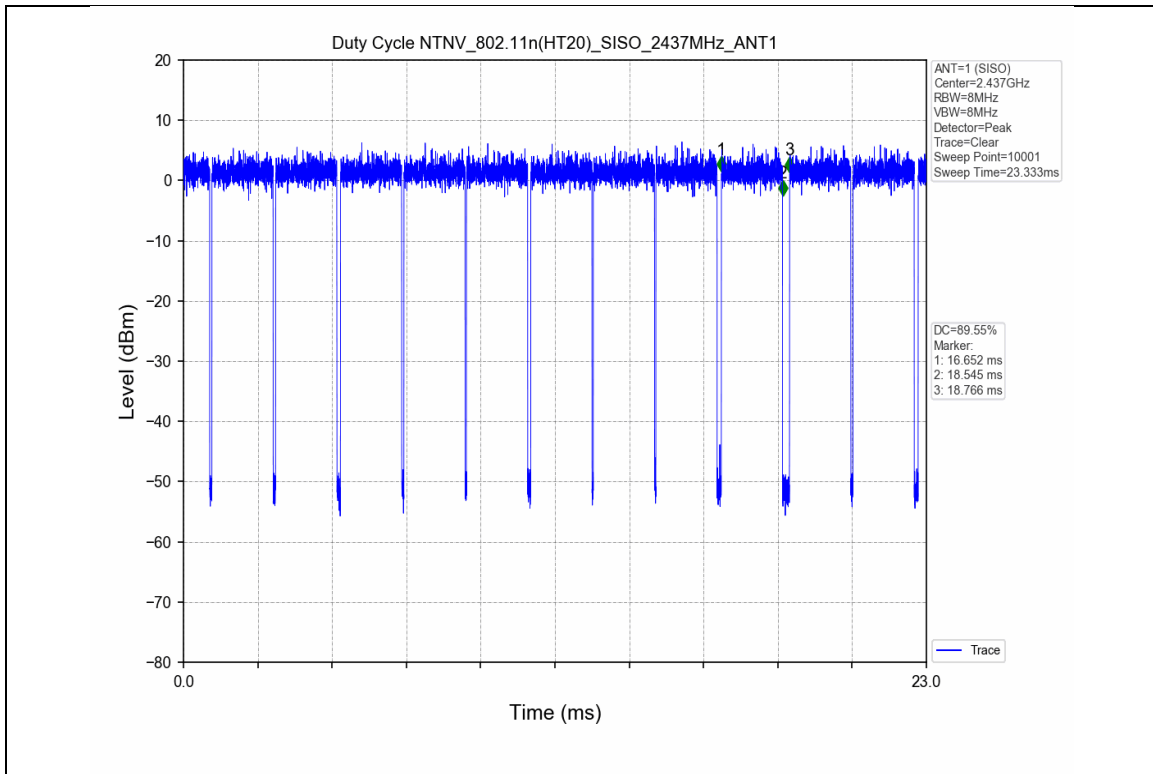
1.2 Test Graph











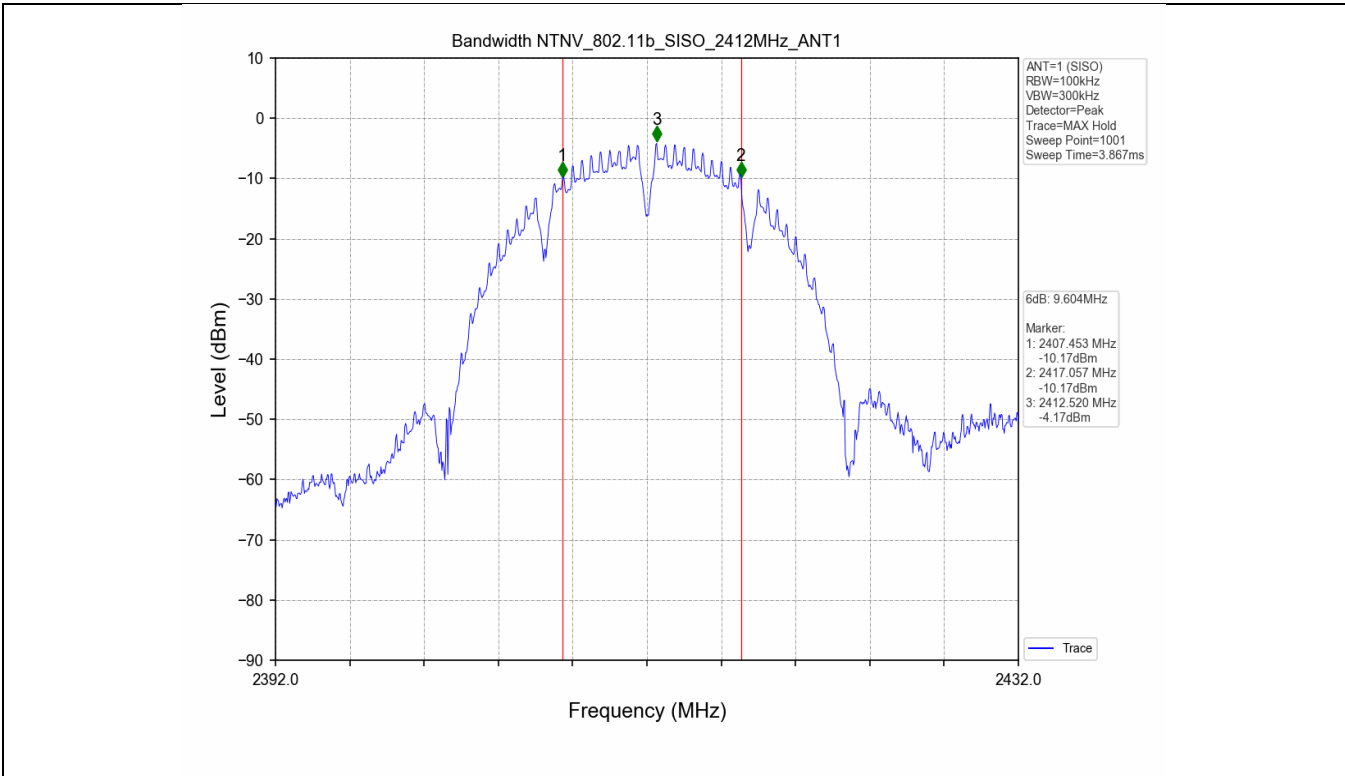
2. Bandwidth

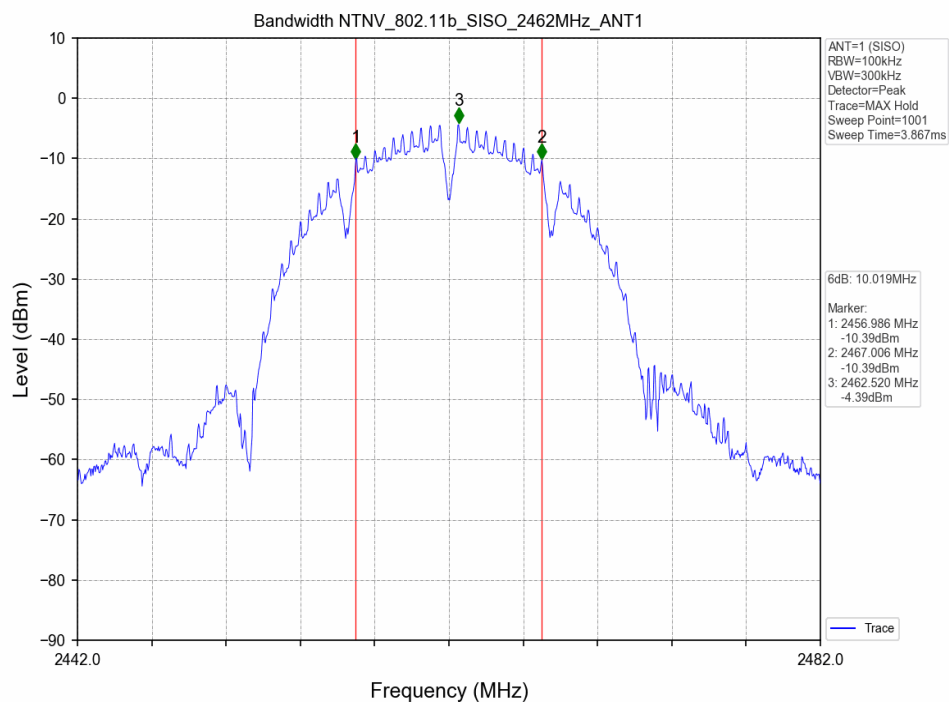
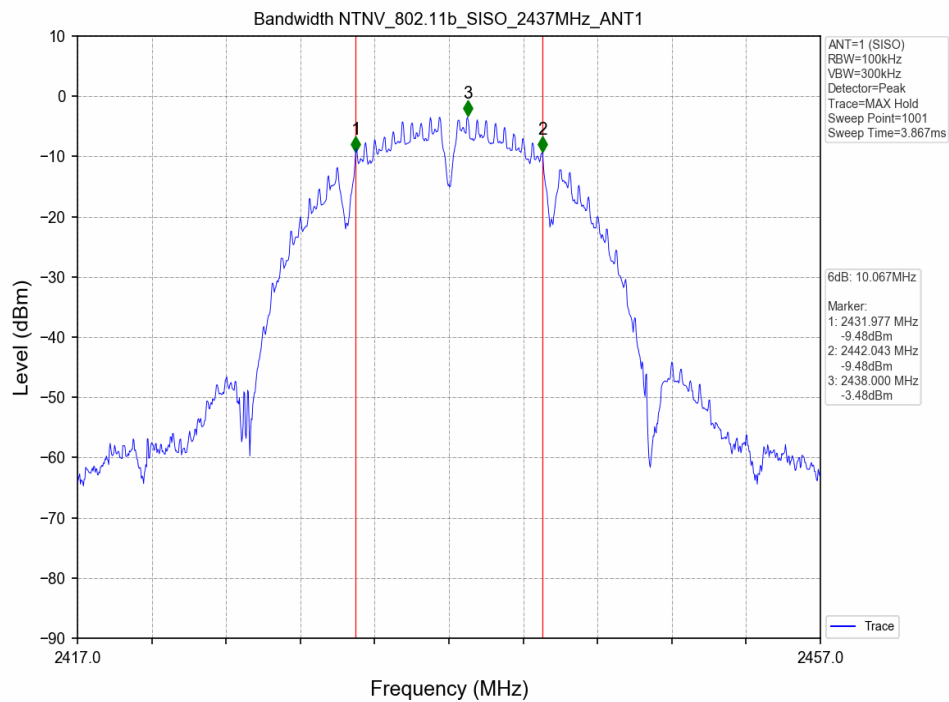
2.1 Test Result

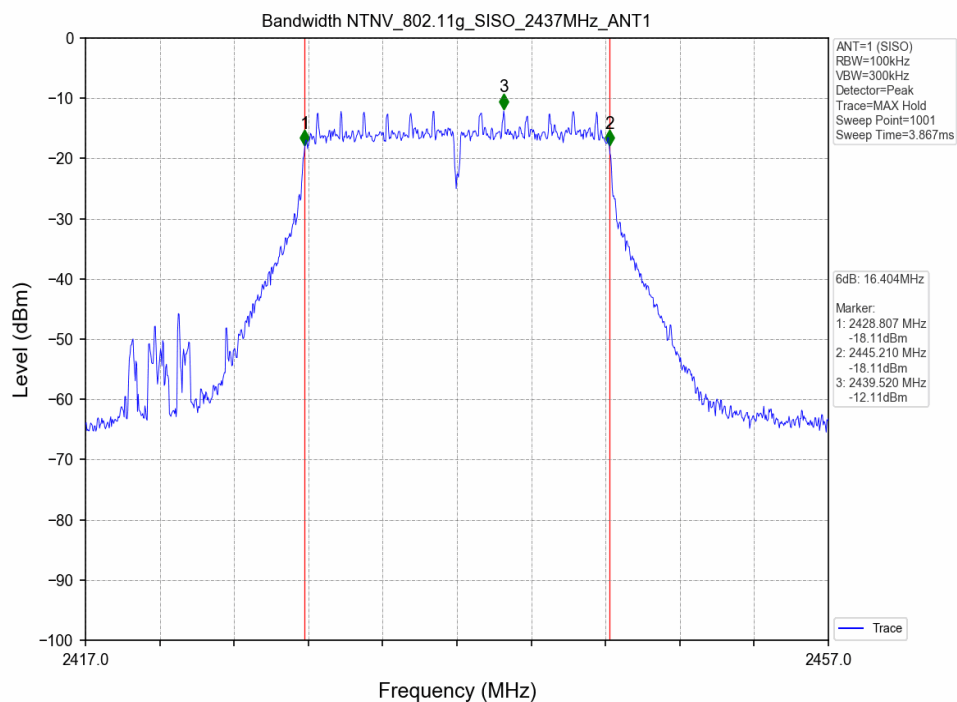
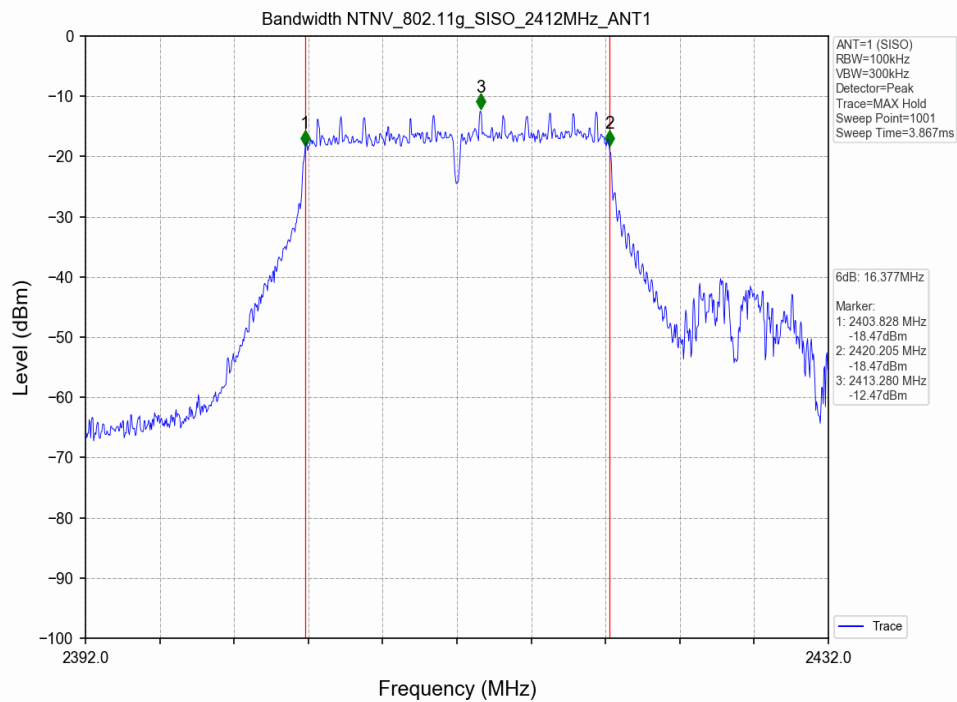
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11b	2412	SISO	1	9.604	≥0.5	PASS
	2437	SISO	1	10.067	≥0.5	PASS
	2462	SISO	1	10.019	≥0.5	PASS
802.11g	2412	SISO	1	16.377	≥0.5	PASS
	2437	SISO	1	16.404	≥0.5	PASS
	2462	SISO	1	16.371	≥0.5	PASS
802.11n(HT20)	2412	SISO	1	17.261	≥0.5	PASS
	2437	SISO	1	17.571	≥0.5	PASS
	2462	SISO	1	17.569	≥0.5	PASS

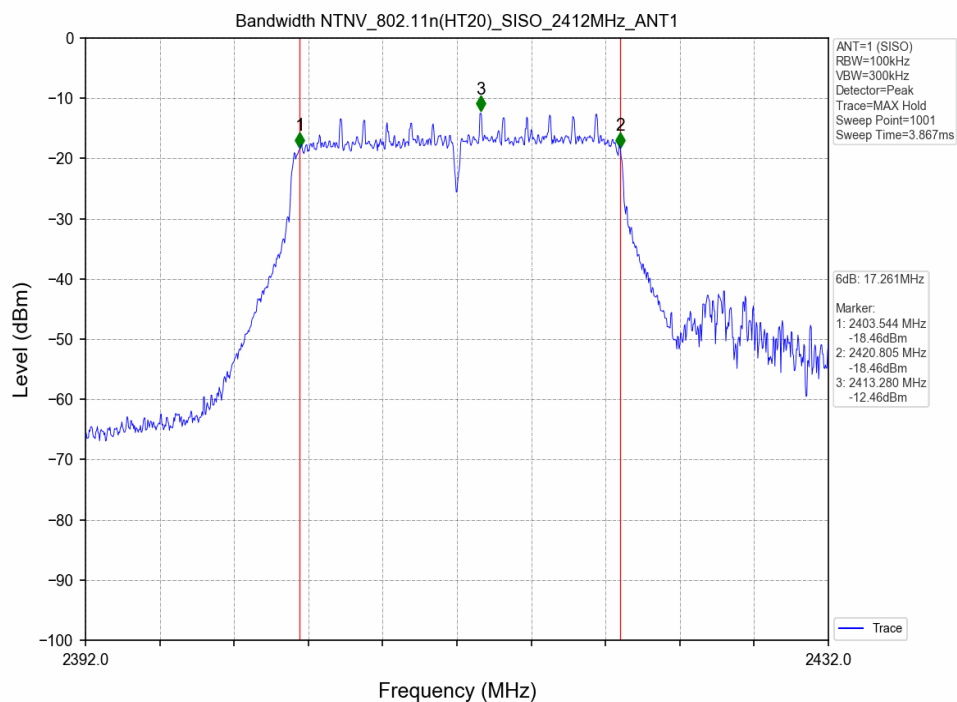
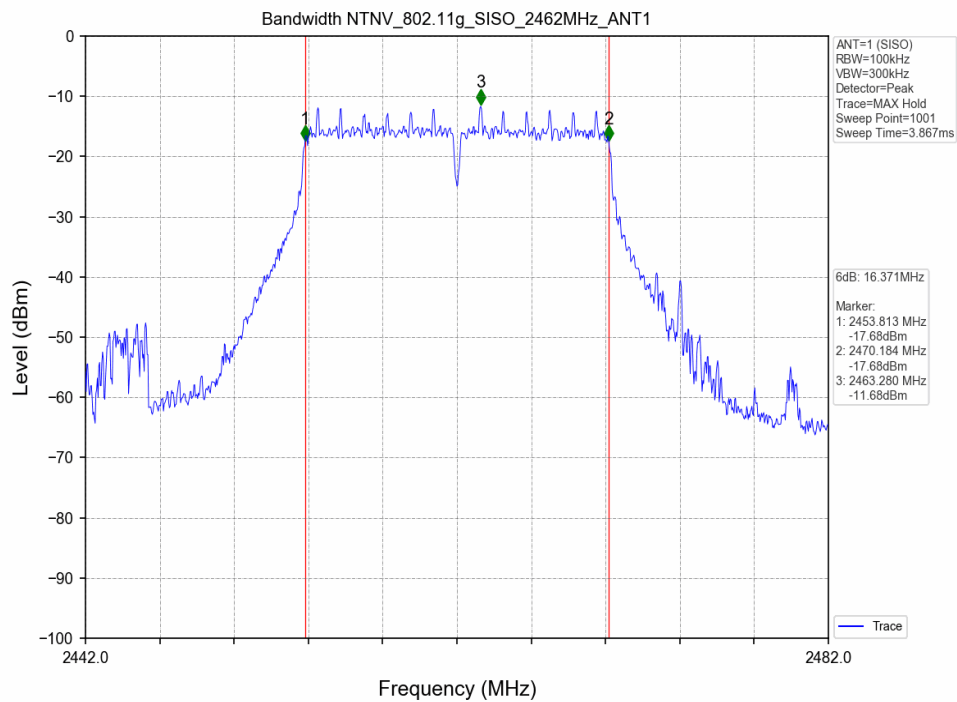
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	14.842	Only for Report Use
	2437	SISO	1	14.854	Only for Report Use
	2462	SISO	1	14.916	Only for Report Use
802.11g	2412	SISO	1	16.977	Only for Report Use
	2437	SISO	1	16.840	Only for Report Use
	2462	SISO	1	16.816	Only for Report Use
802.11n(HT20)	2412	SISO	1	17.795	Only for Report Use
	2437	SISO	1	17.925	Only for Report Use
	2462	SISO	1	17.973	Only for Report Use

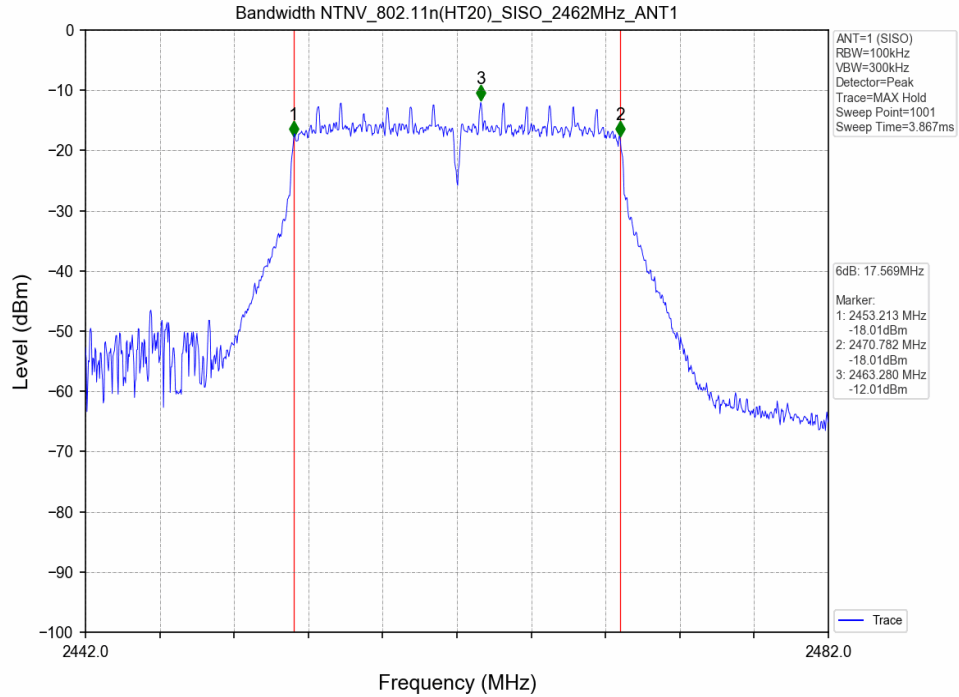
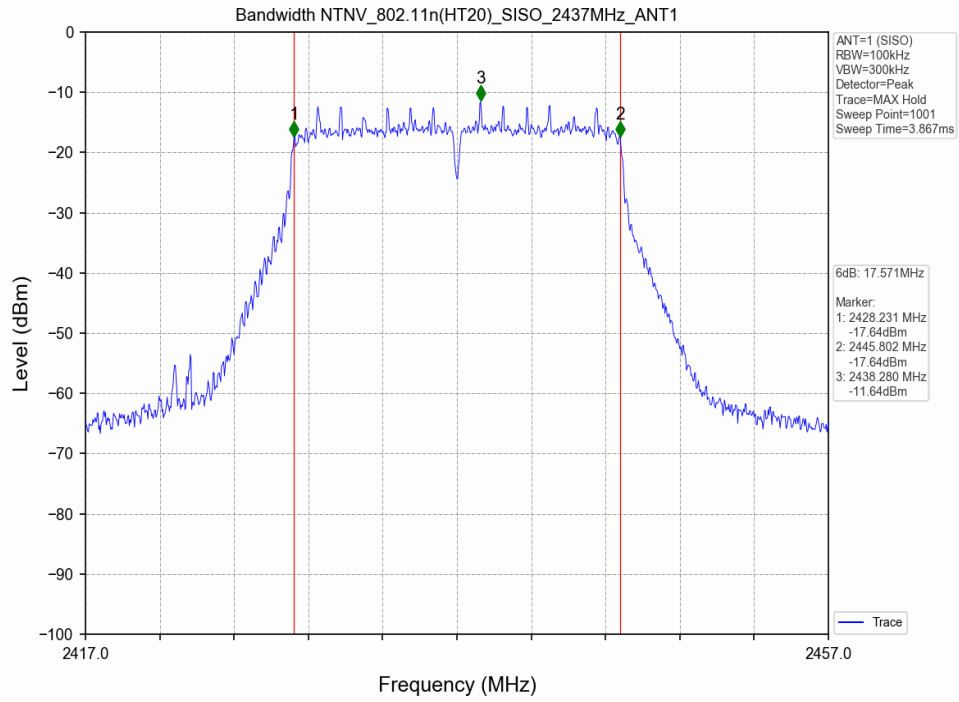
2.2 Test Graph - 6dB Bandwidth



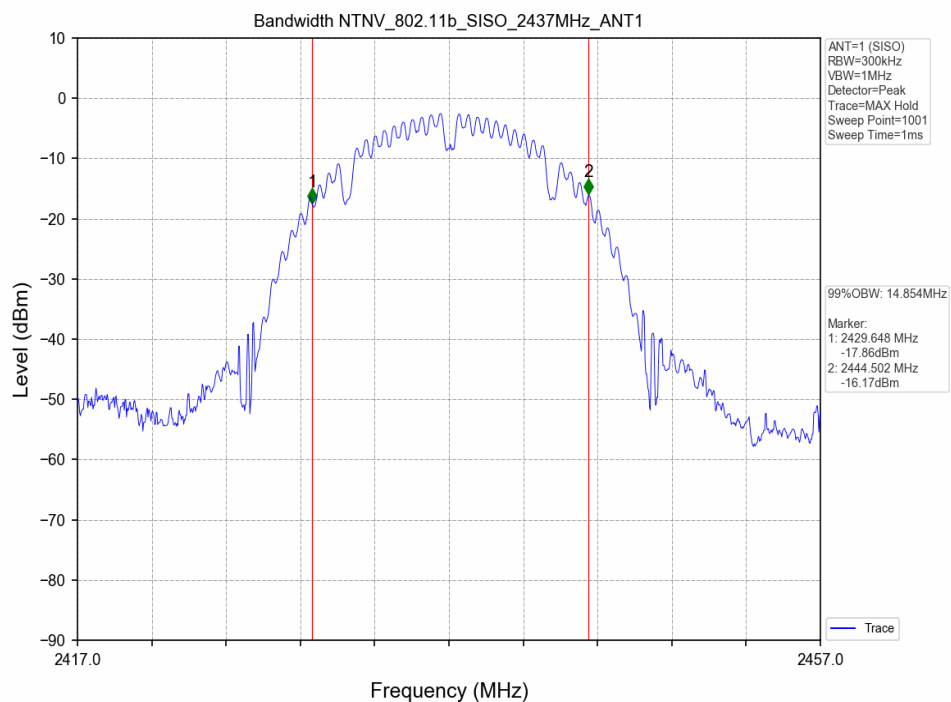
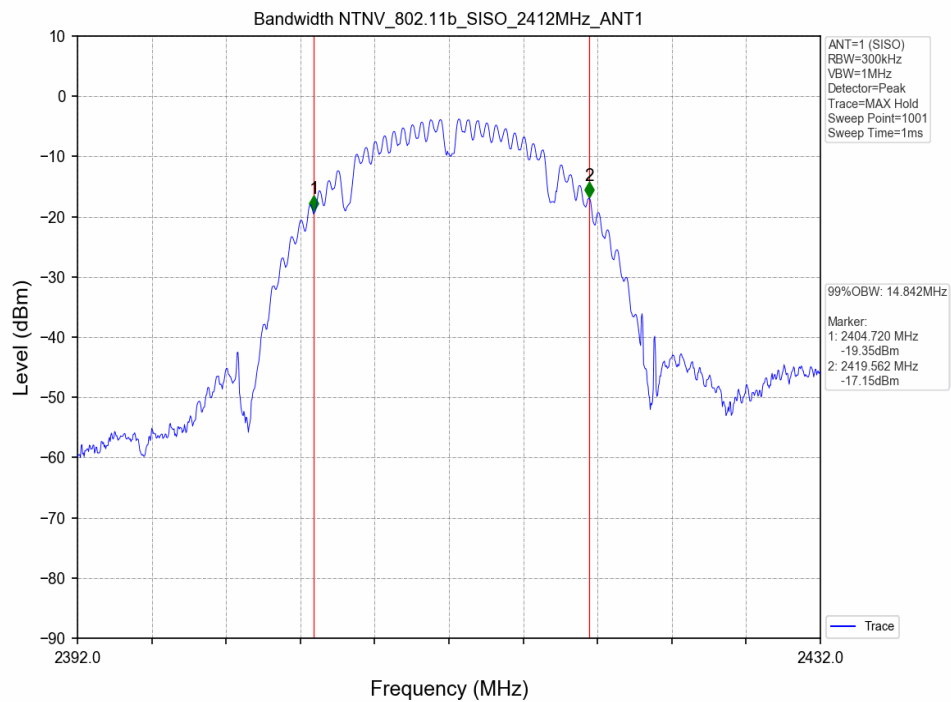


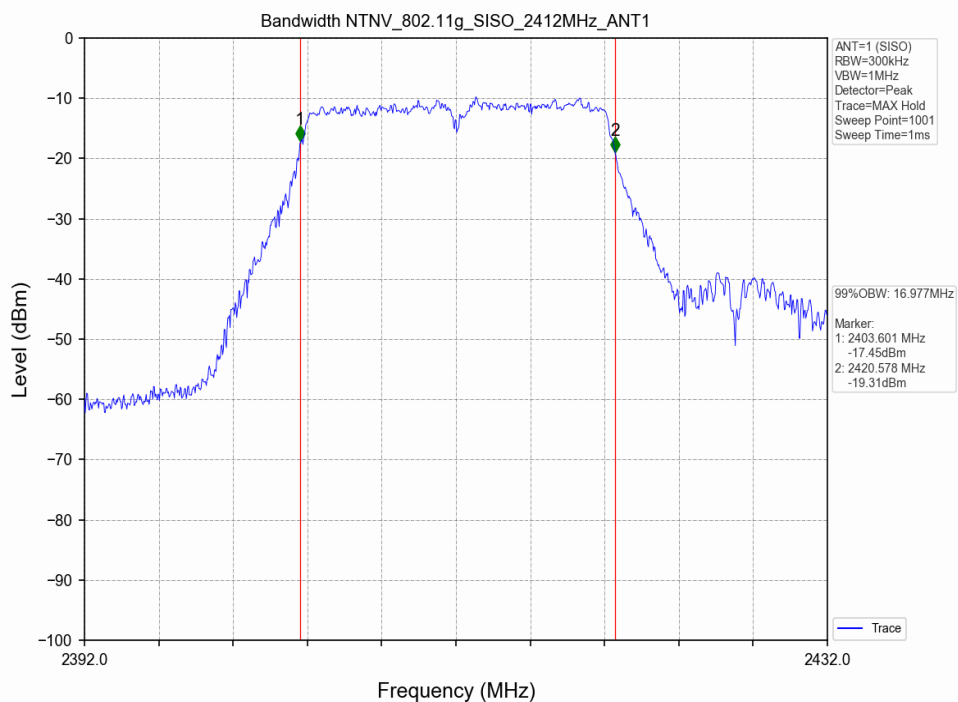
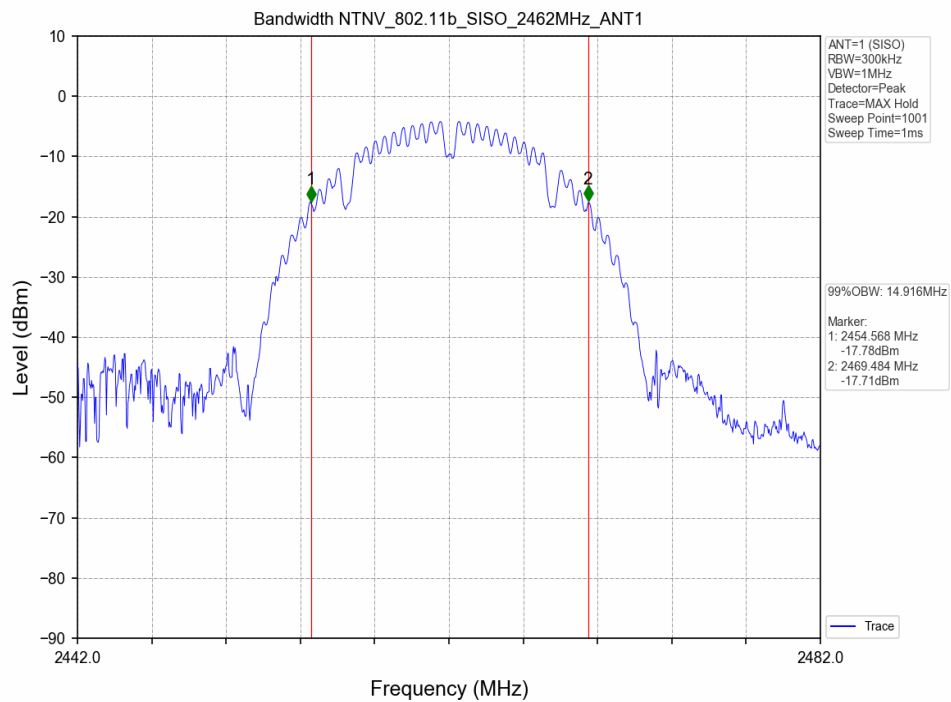


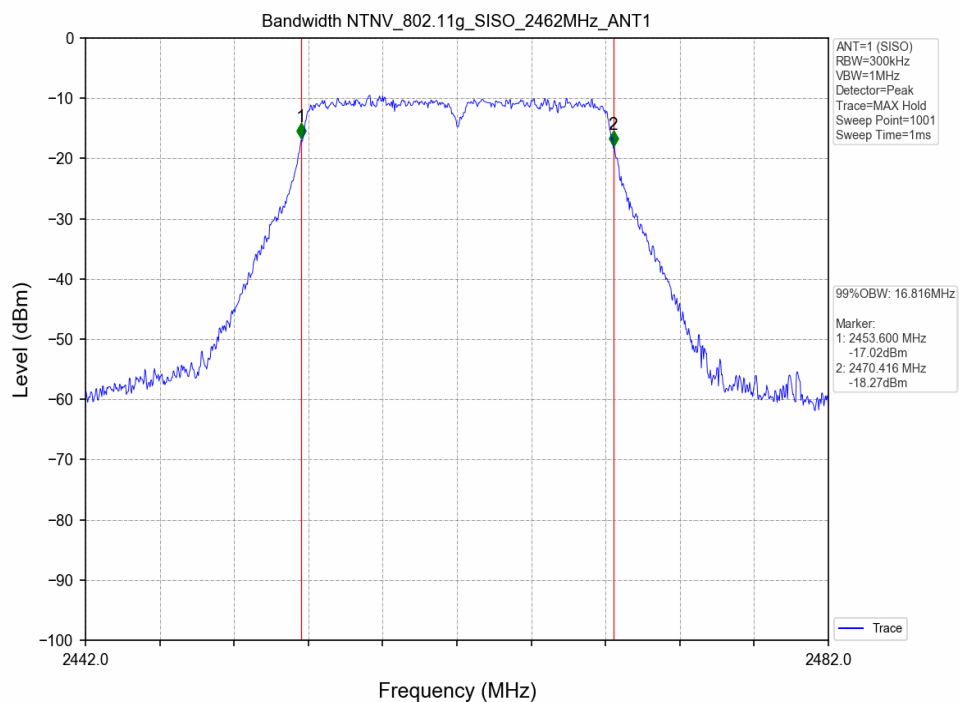
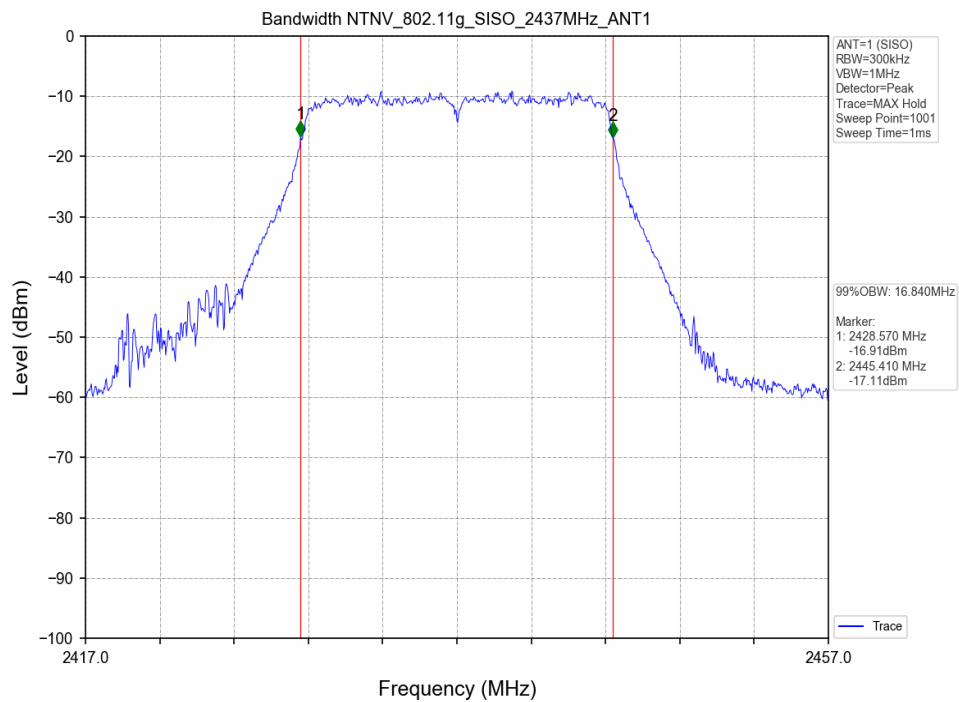


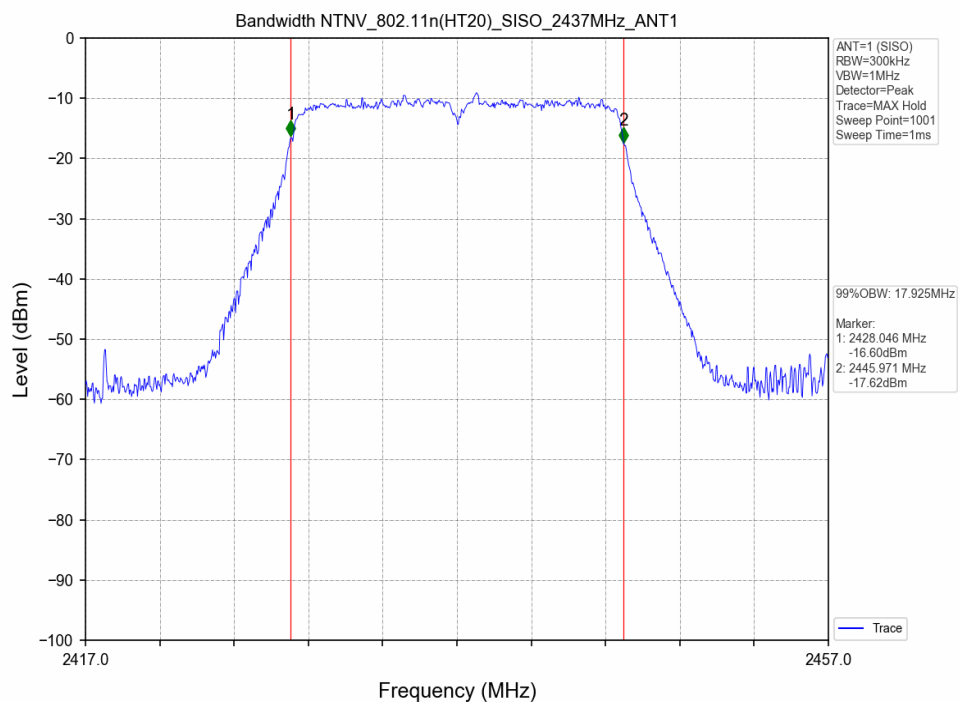
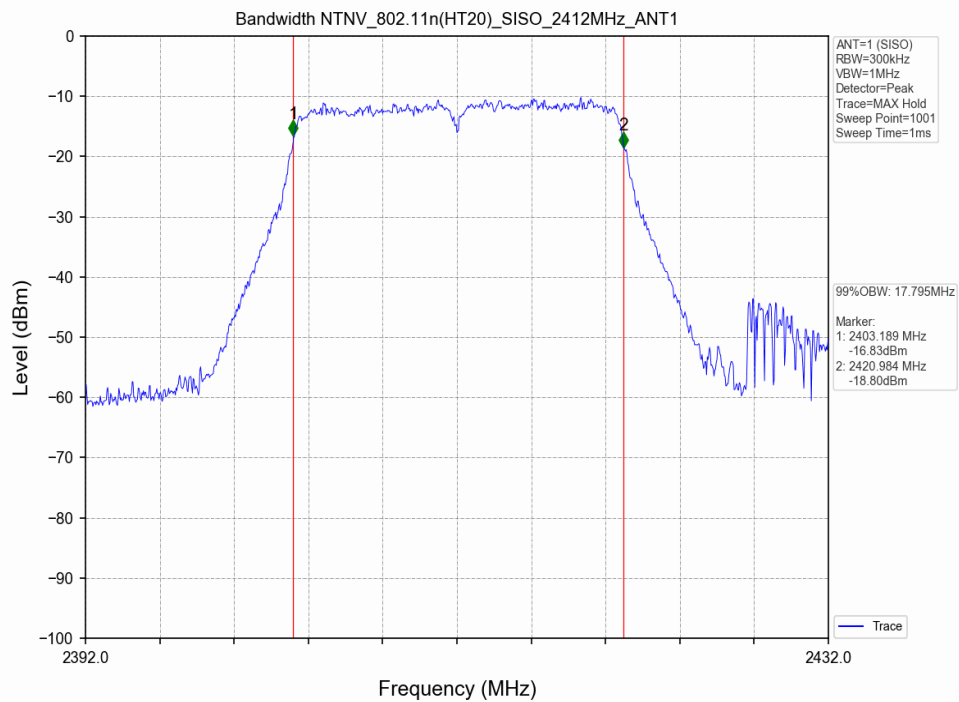


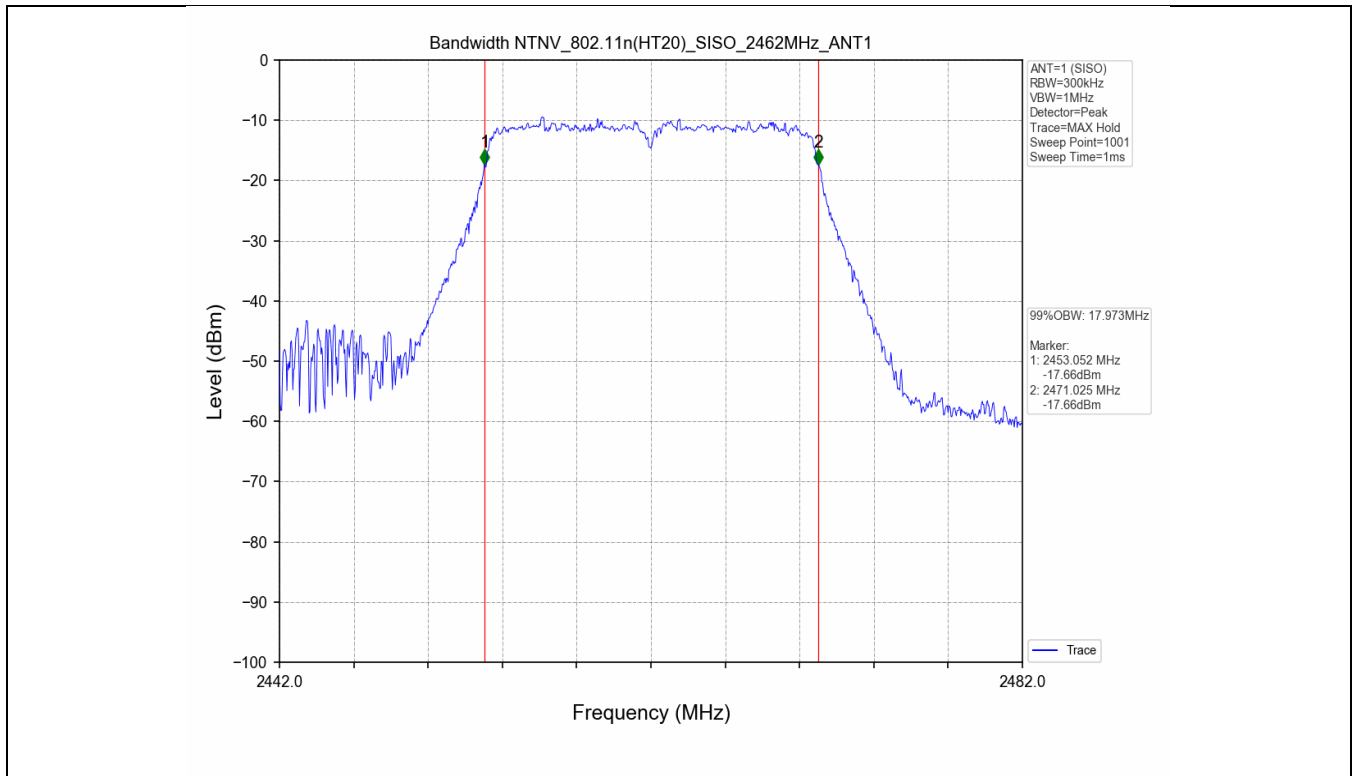
2.3 Test Graph - 99% Occupied Bandwidth









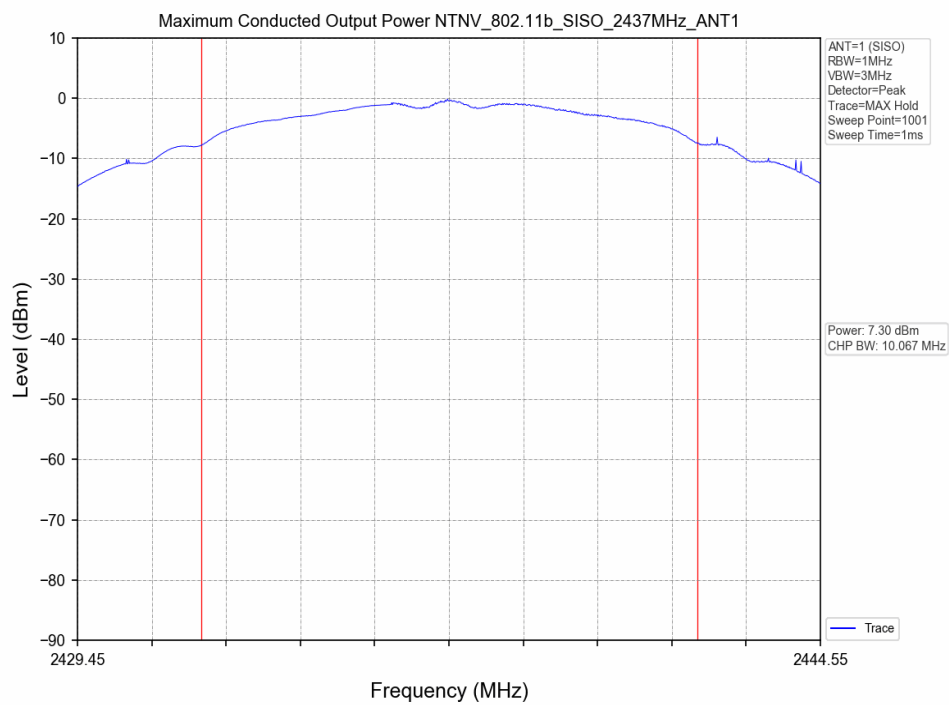
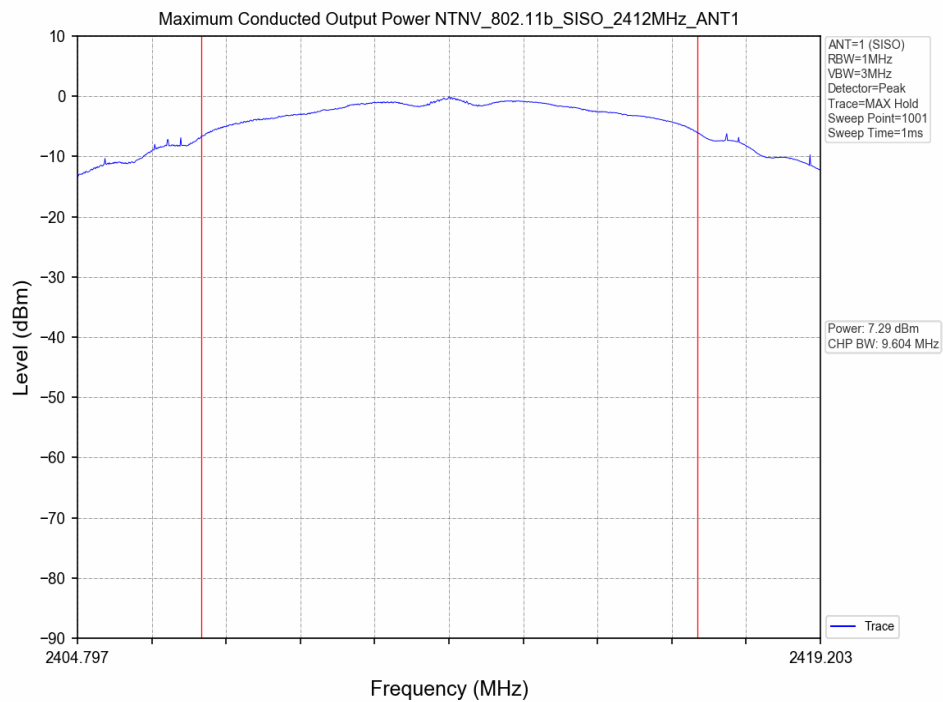


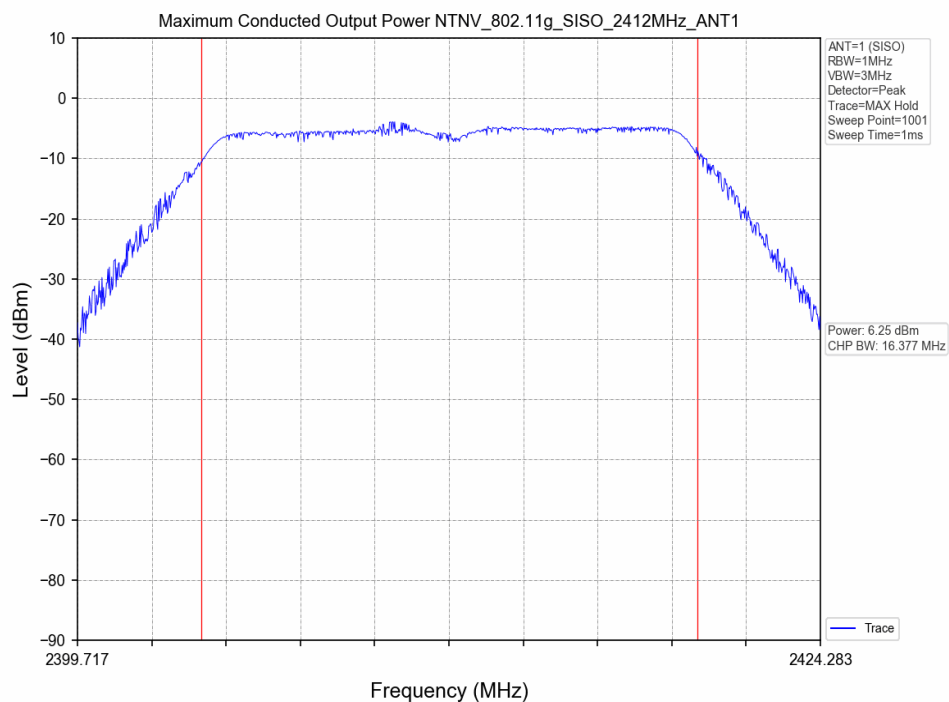
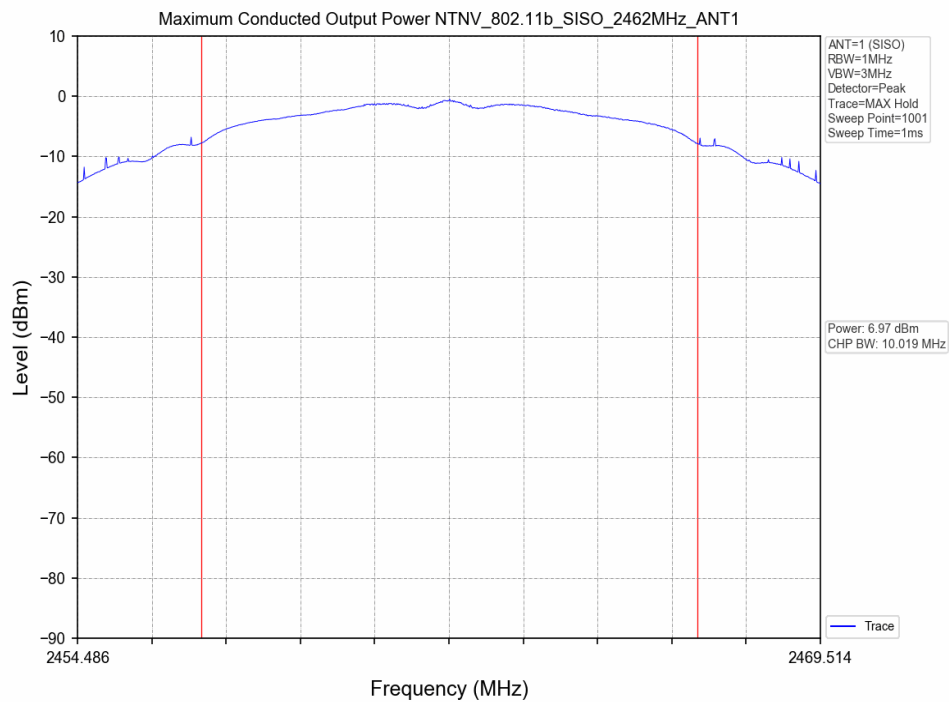
3. Maximum Conducted Output Power

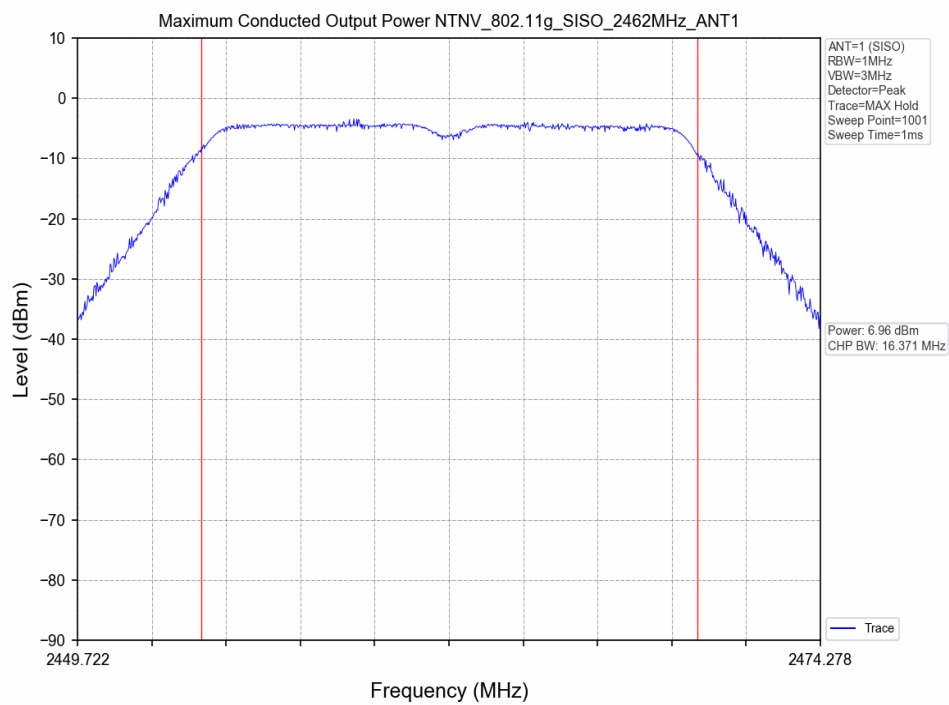
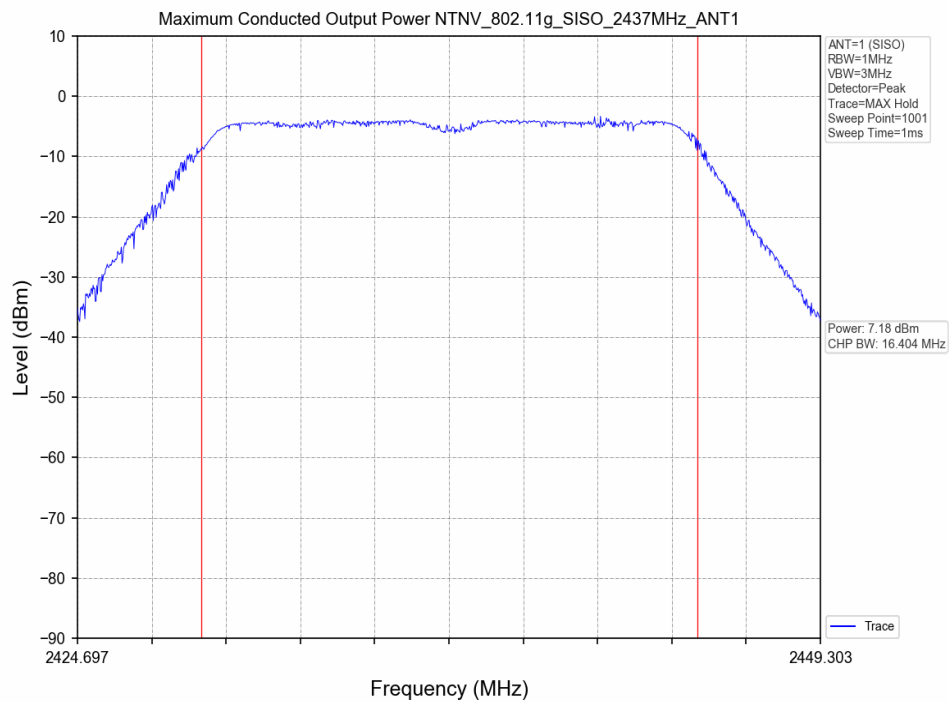
3.1 Test Result

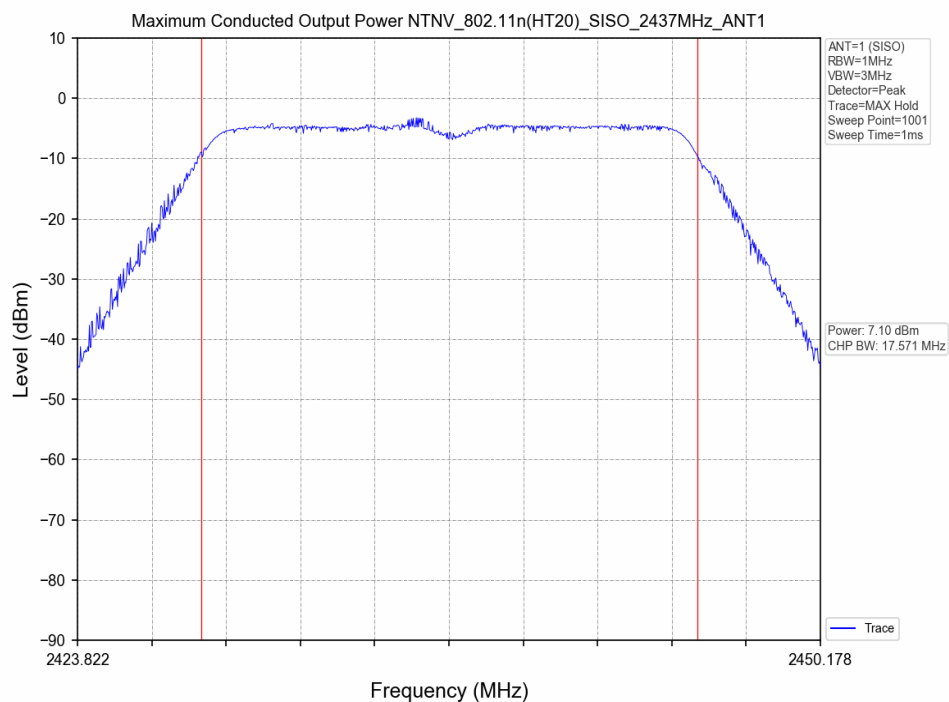
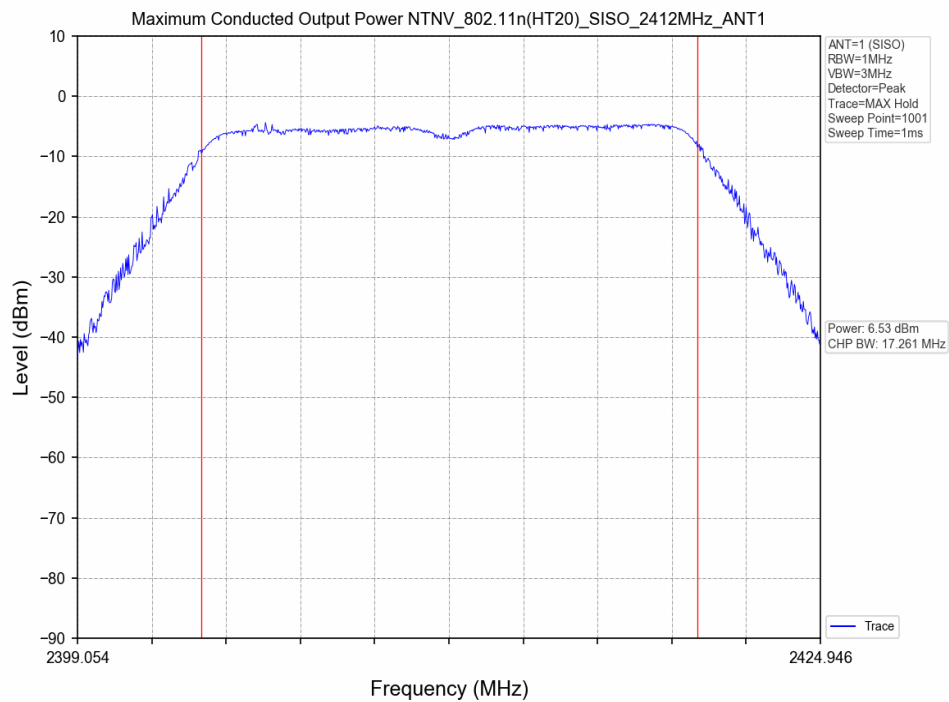
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
802.11b	2412	SISO	7.29	30	PASS
	2437	SISO	7.30	30	PASS
	2462	SISO	6.97	30	PASS
802.11g	2412	SISO	6.25	30	PASS
	2437	SISO	7.18	30	PASS
	2462	SISO	6.96	30	PASS
802.11n(HT20)	2412	SISO	6.53	30	PASS
	2437	SISO	7.10	30	PASS
	2462	SISO	6.83	30	PASS

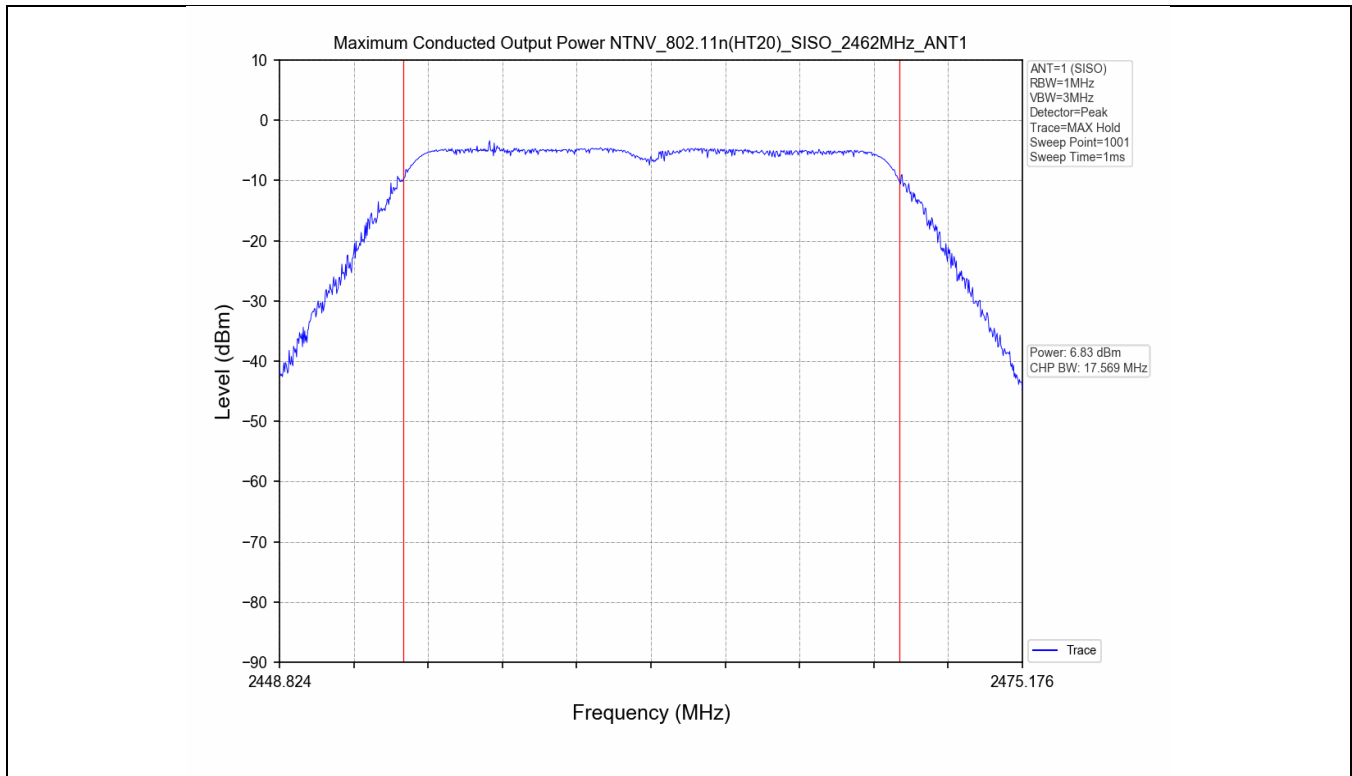
3.2 Test Graph









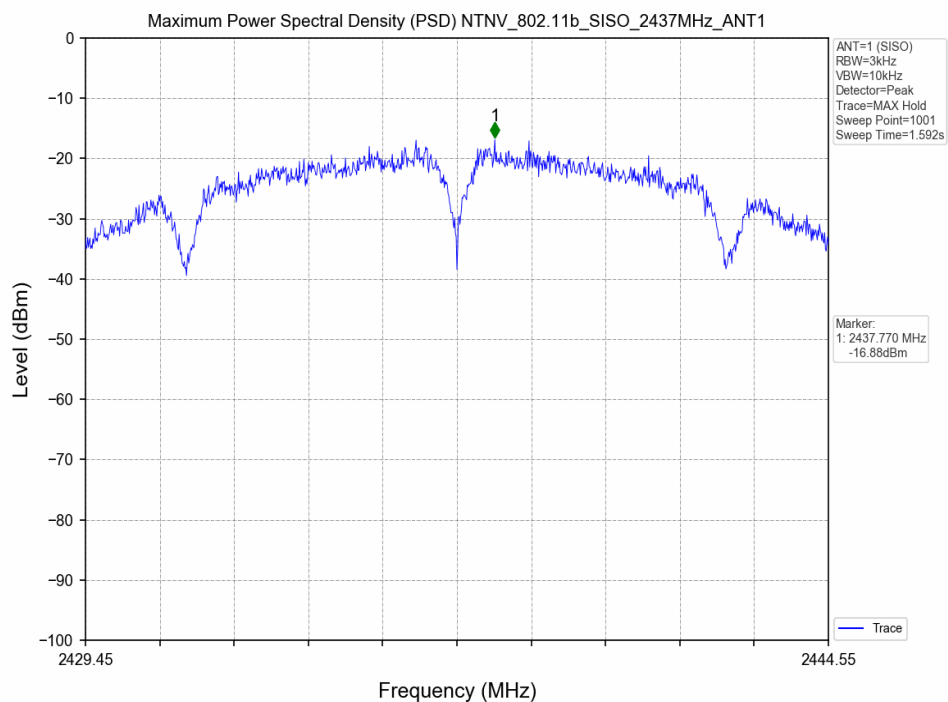
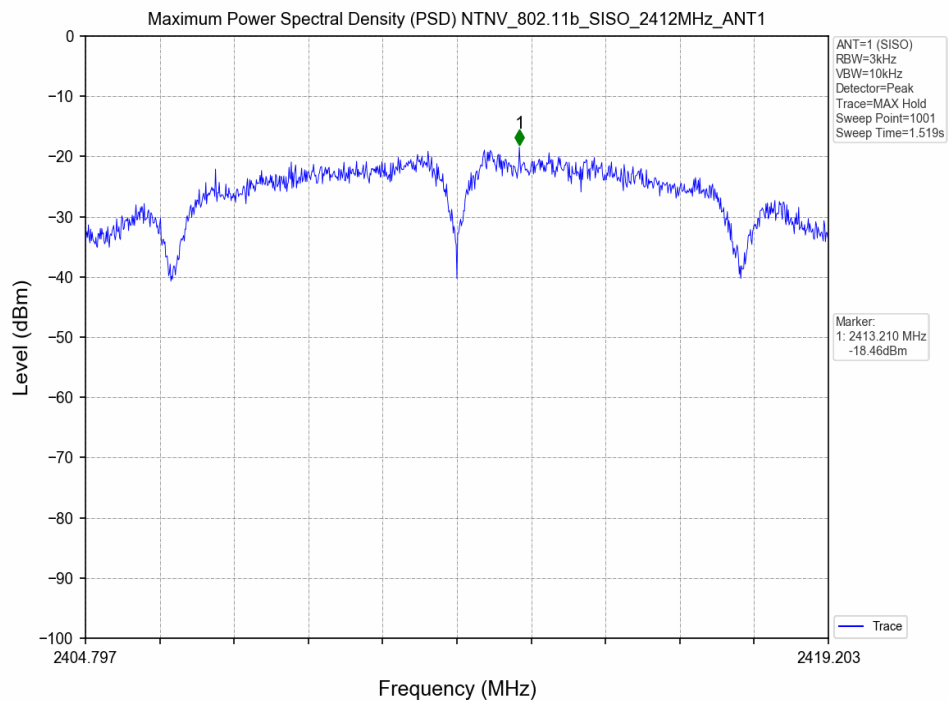


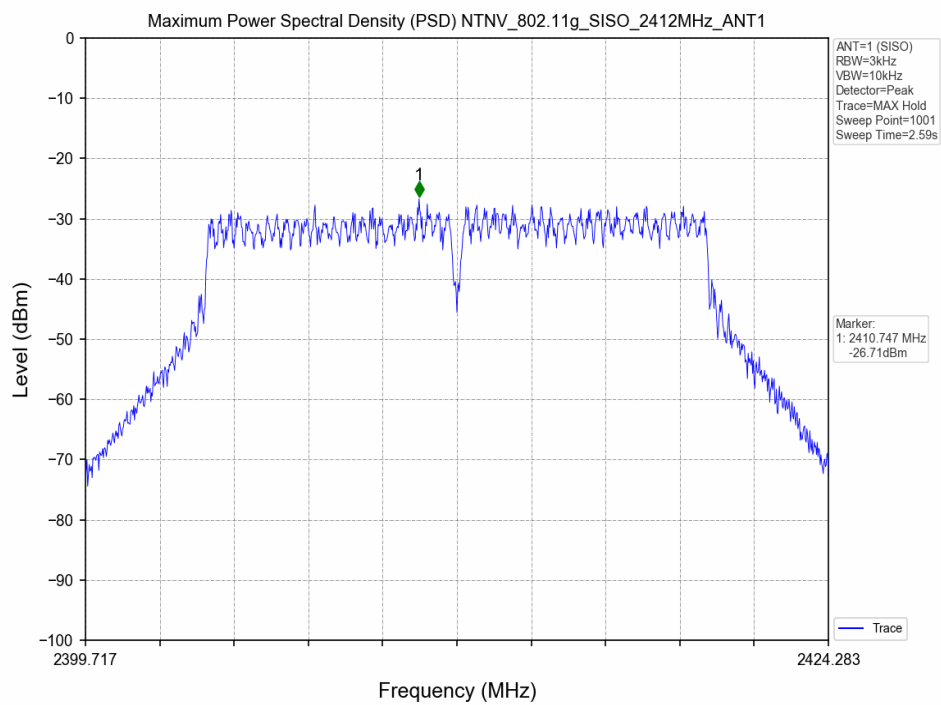
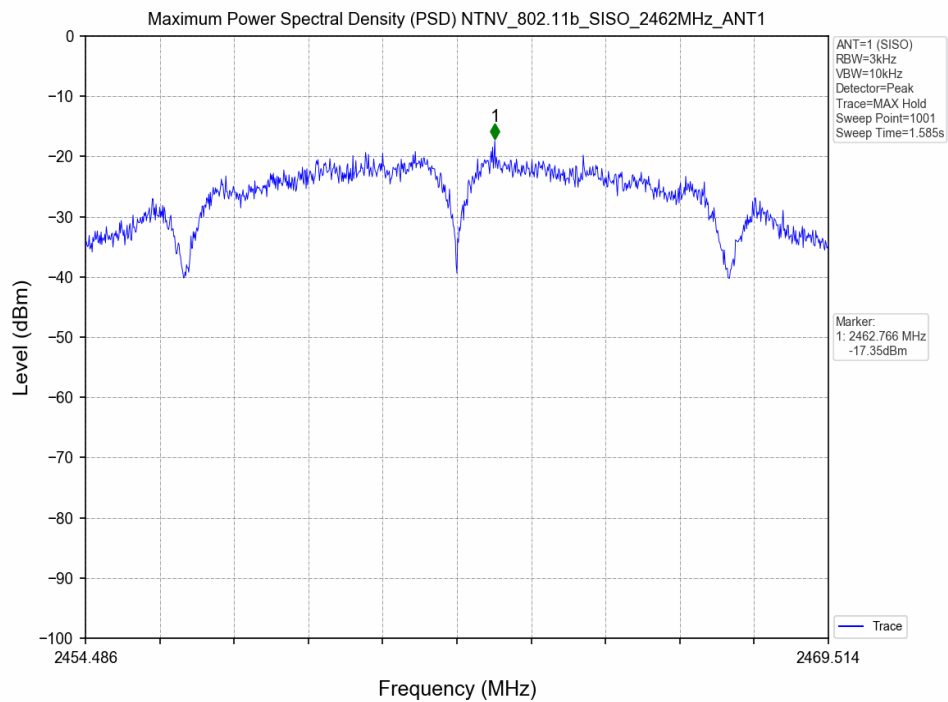
4. Maximum Power Spectral Density (PSD)

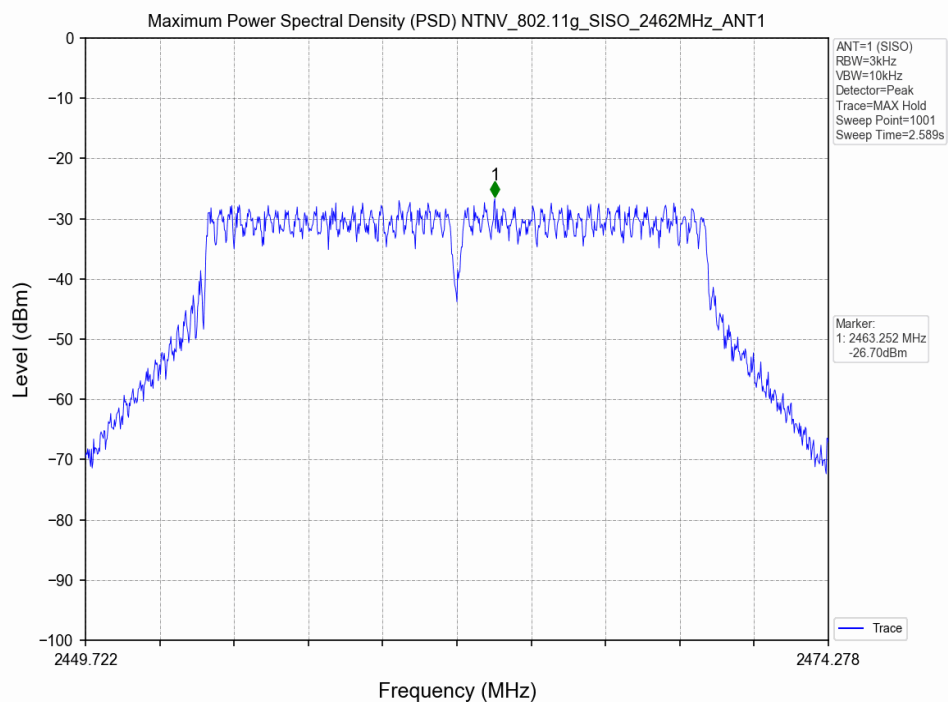
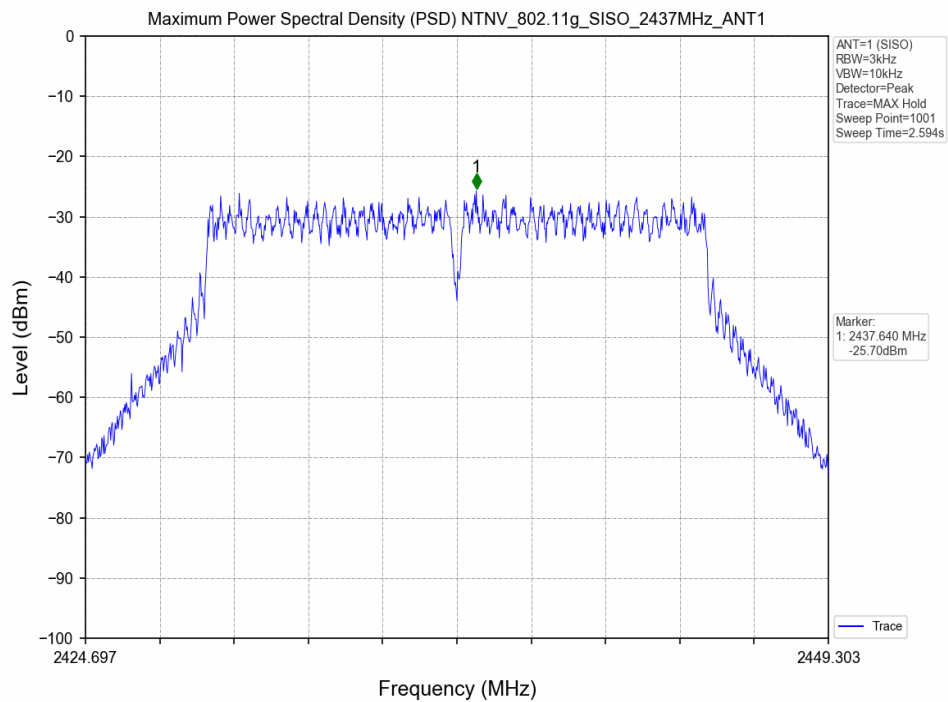
4.1 Test Result

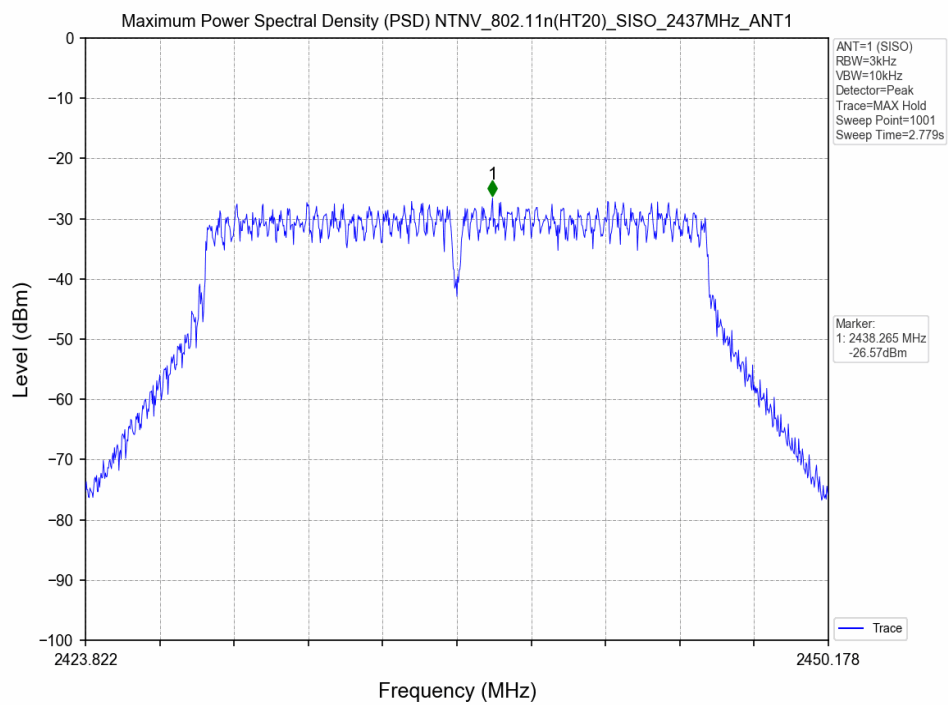
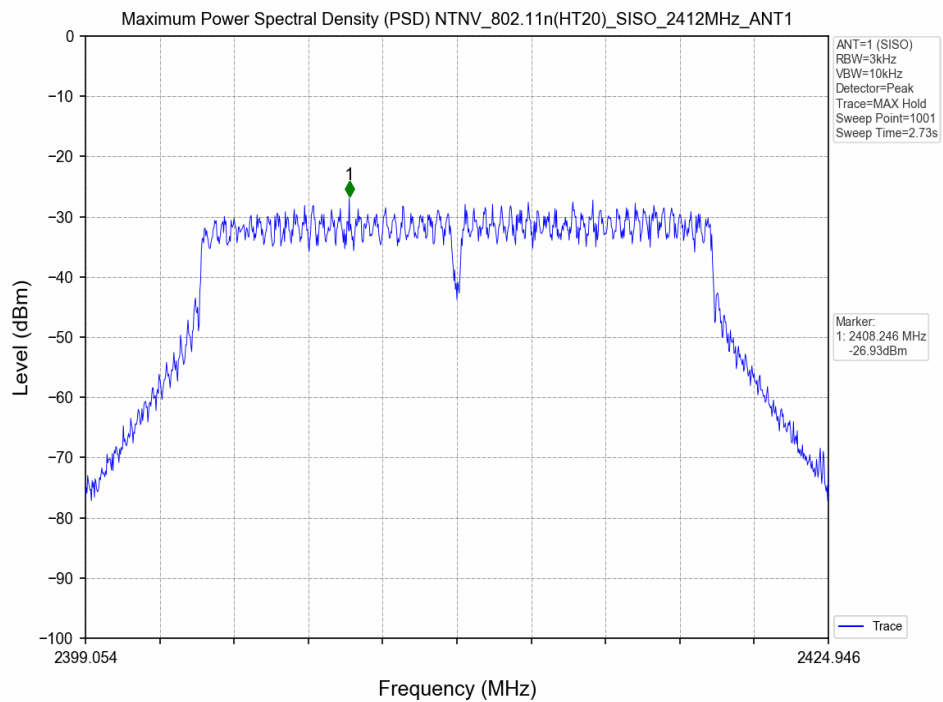
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
802.11b	2412	SISO	-18.46	≤8	PASS
	2437	SISO	-16.88	≤8	PASS
	2462	SISO	-17.35	≤8	PASS
802.11g	2412	SISO	-26.71	≤8	PASS
	2437	SISO	-25.70	≤8	PASS
	2462	SISO	-26.70	≤8	PASS
802.11n(HT20)	2412	SISO	-26.93	≤8	PASS
	2437	SISO	-26.57	≤8	PASS
	2462	SISO	-26.16	≤8	PASS

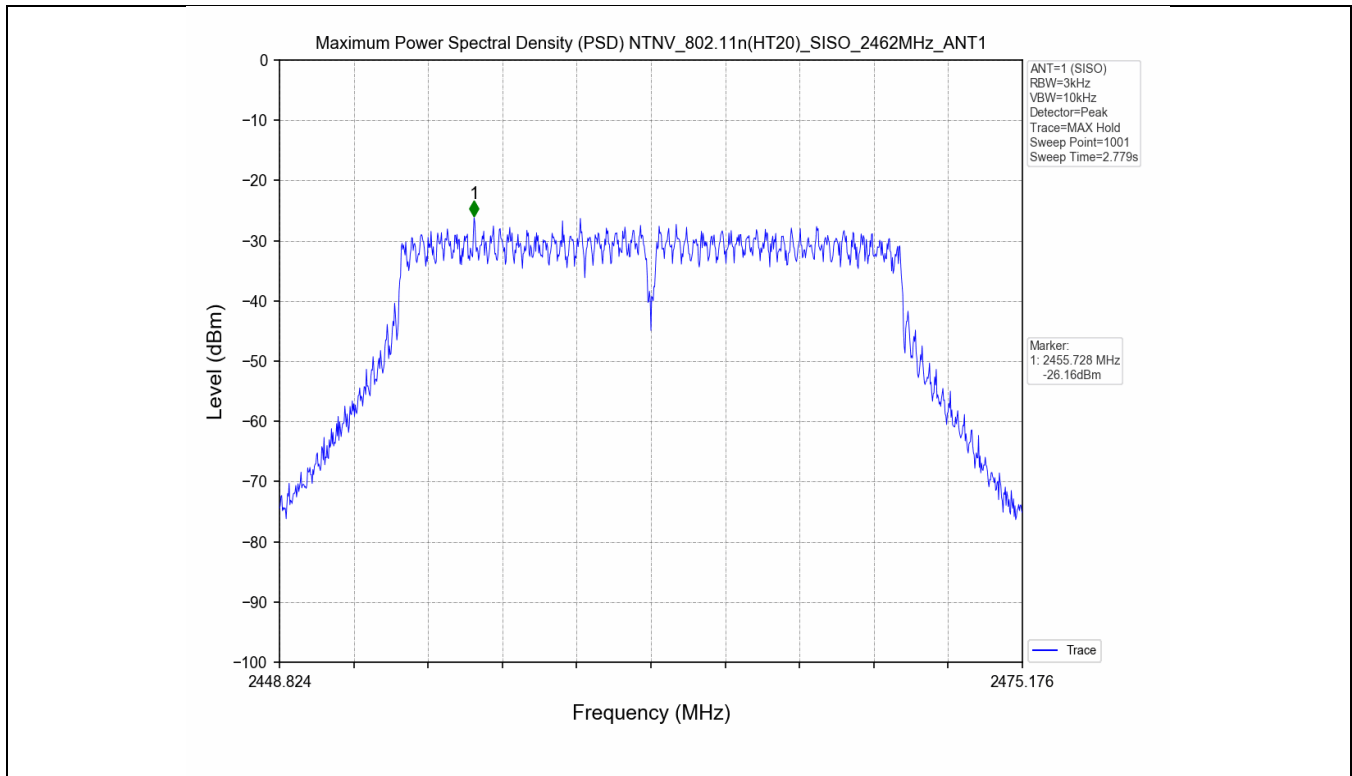
4.2 Test Graph









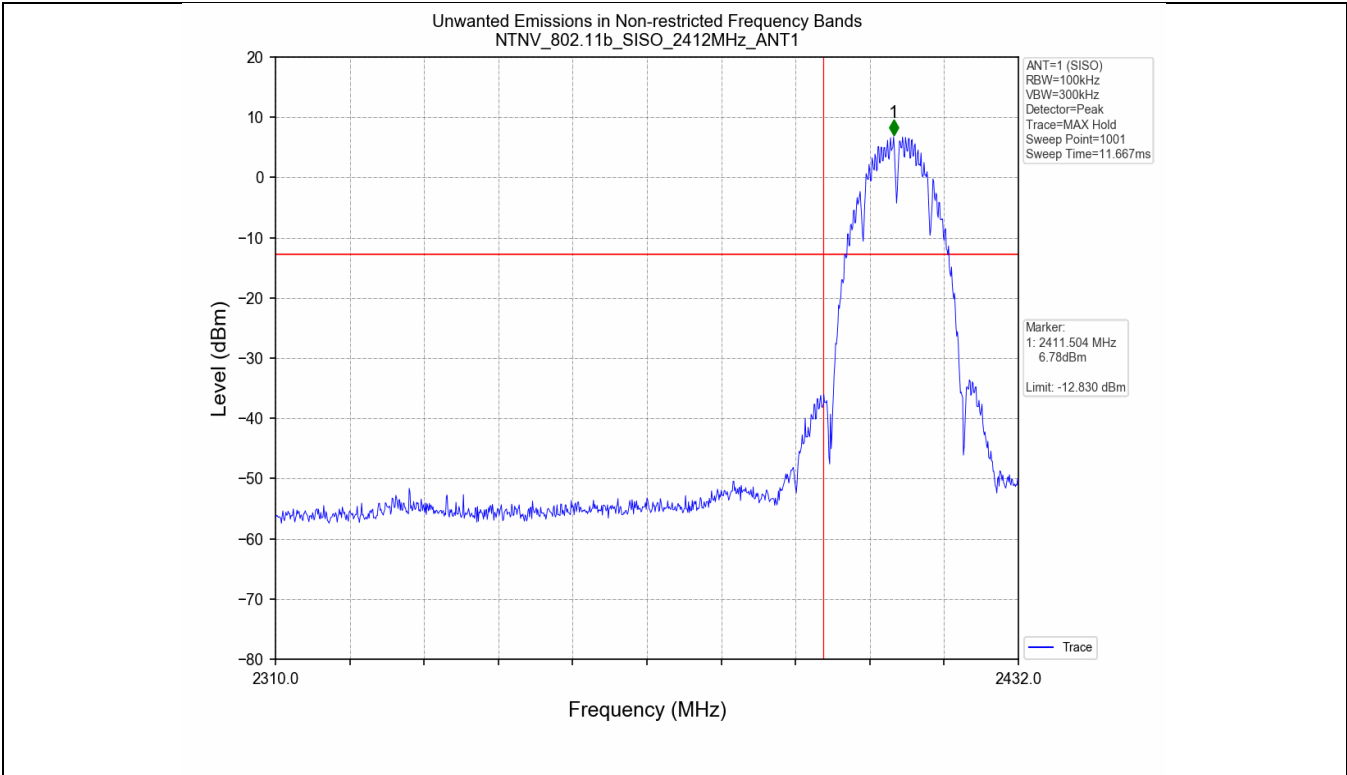
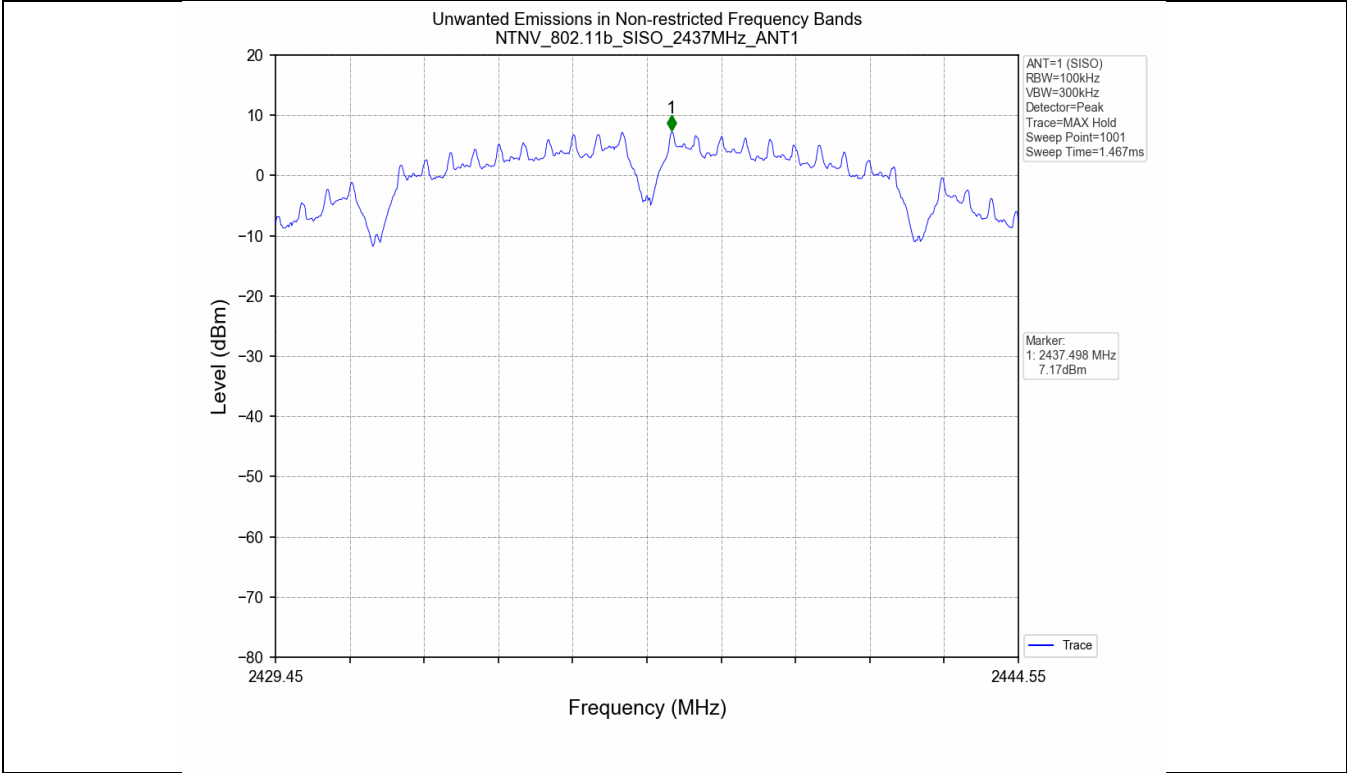


5. Unwanted Emissions in Non-restricted Frequency Bands

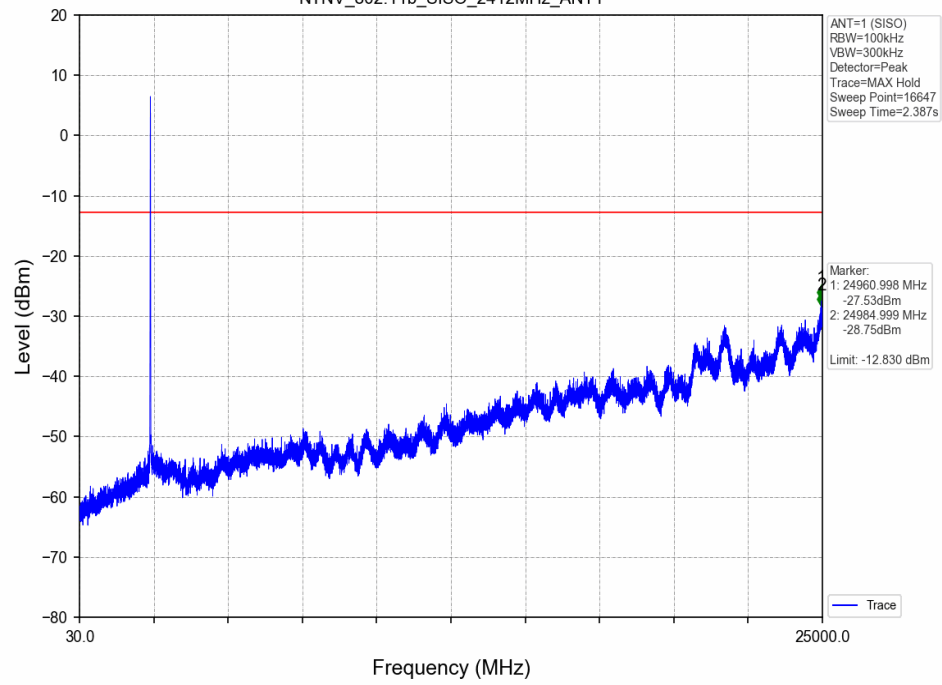
5.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	1	Refer to test graph	-12.83	PASS
	2437	SISO	1	Refer to test graph	-12.83	PASS
	2462	SISO	1	Refer to test graph	-12.83	PASS
802.11g	2412	SISO	1	Refer to test graph	-21.11	PASS
	2437	SISO	1	Refer to test graph	-21.11	PASS
	2462	SISO	1	Refer to test graph	-21.11	PASS
802.11n(HT20)	2412	SISO	1	Refer to test graph	-21.21	PASS
	2437	SISO	1	Refer to test graph	-21.21	PASS
	2462	SISO	1	Refer to test graph	-21.21	PASS

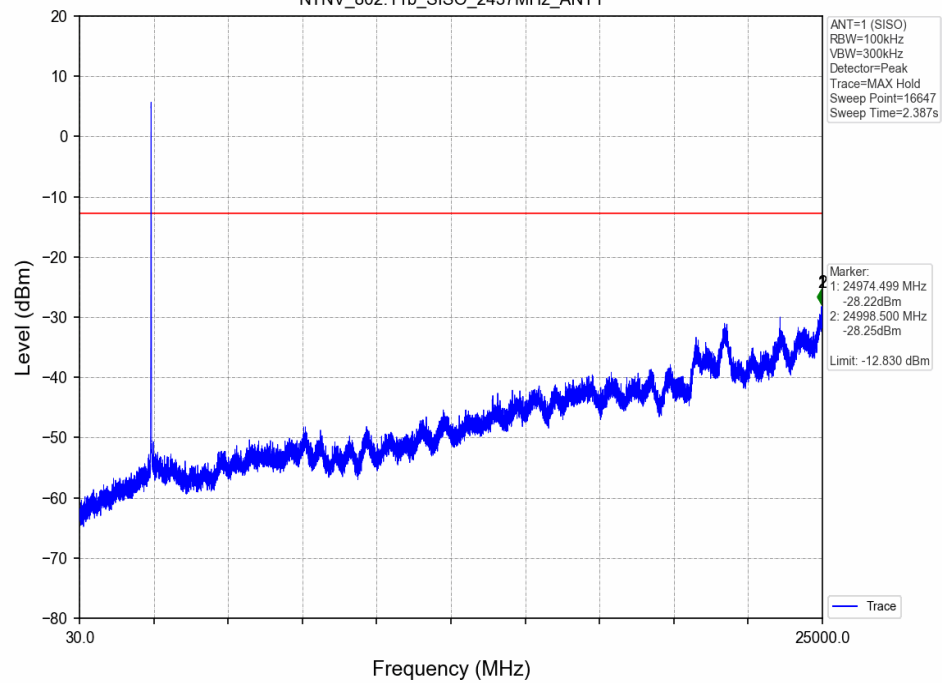
5.2 Test Graph

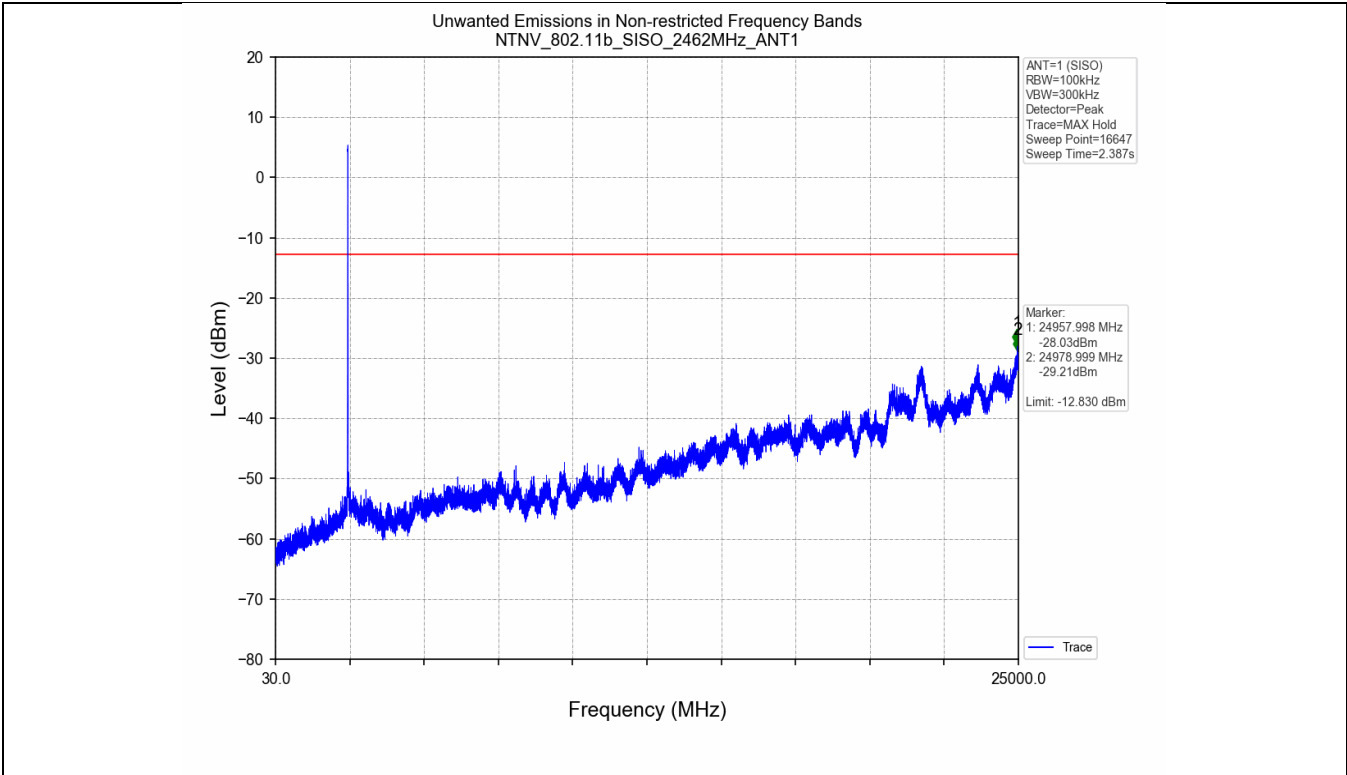
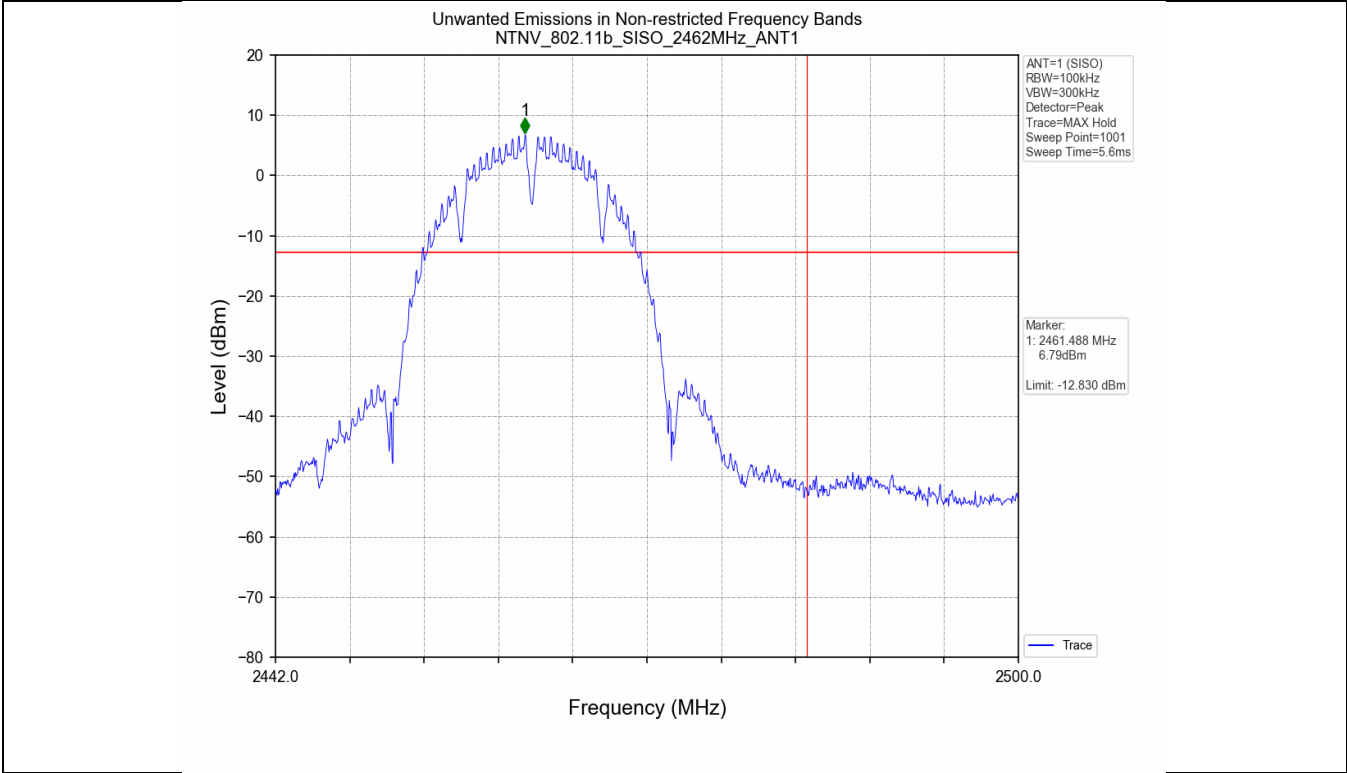


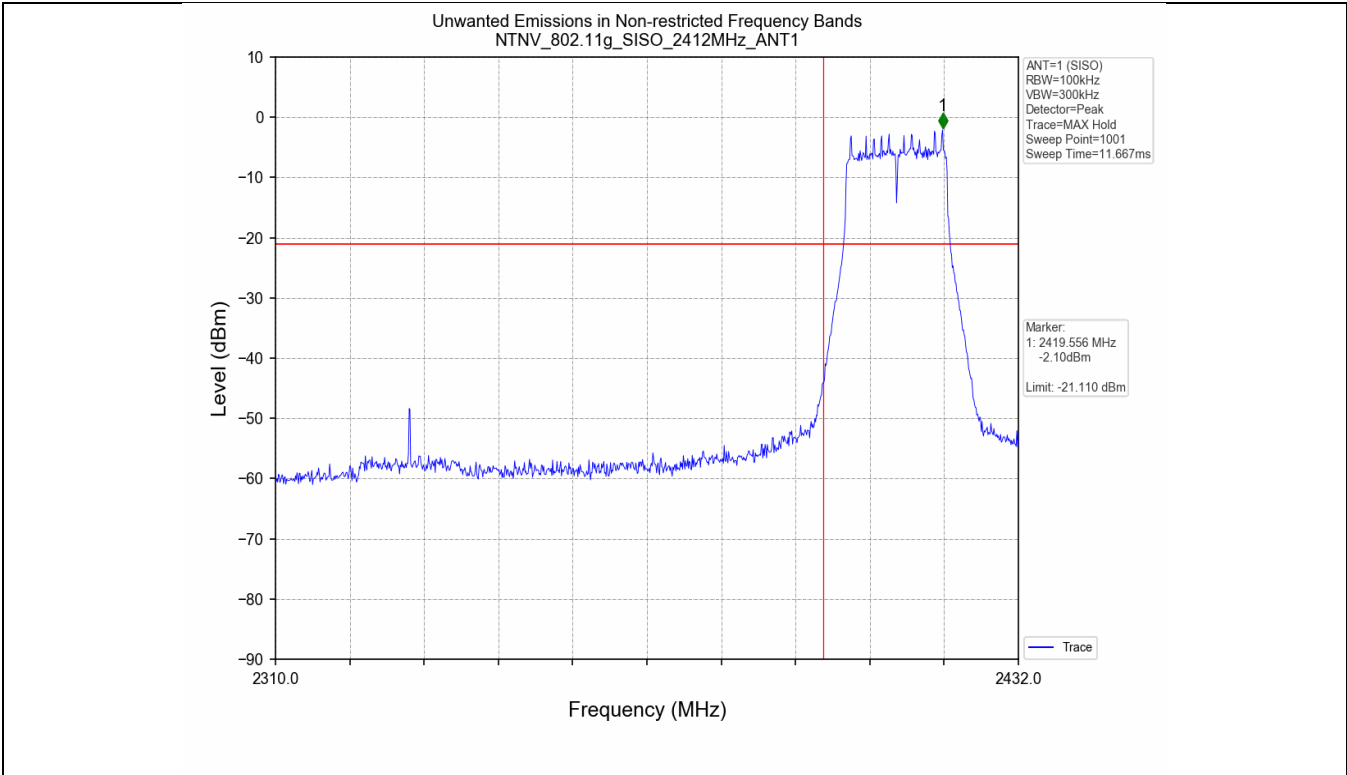
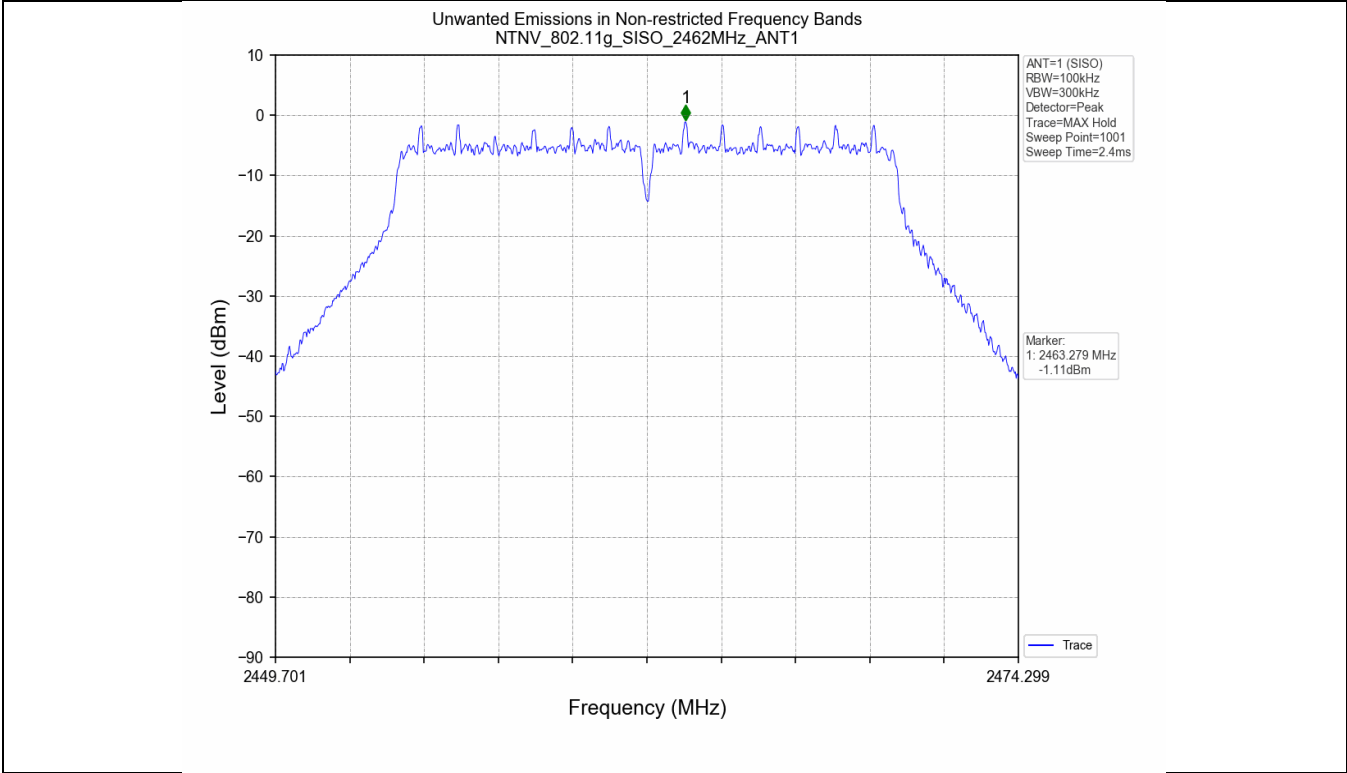
Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11b_SISO_2412MHz_ANT1



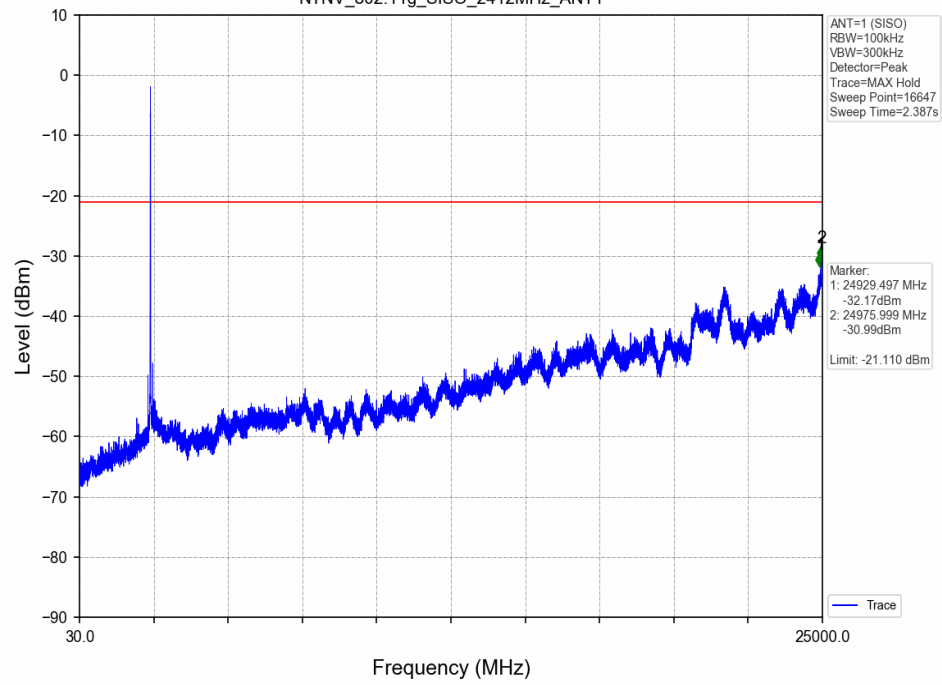
Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11b_SISO_2437MHz_ANT1







Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11g_SISO_2412MHz_ANT1



Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11g_SISO_2437MHz_ANT1

