

Appendix for 15.247

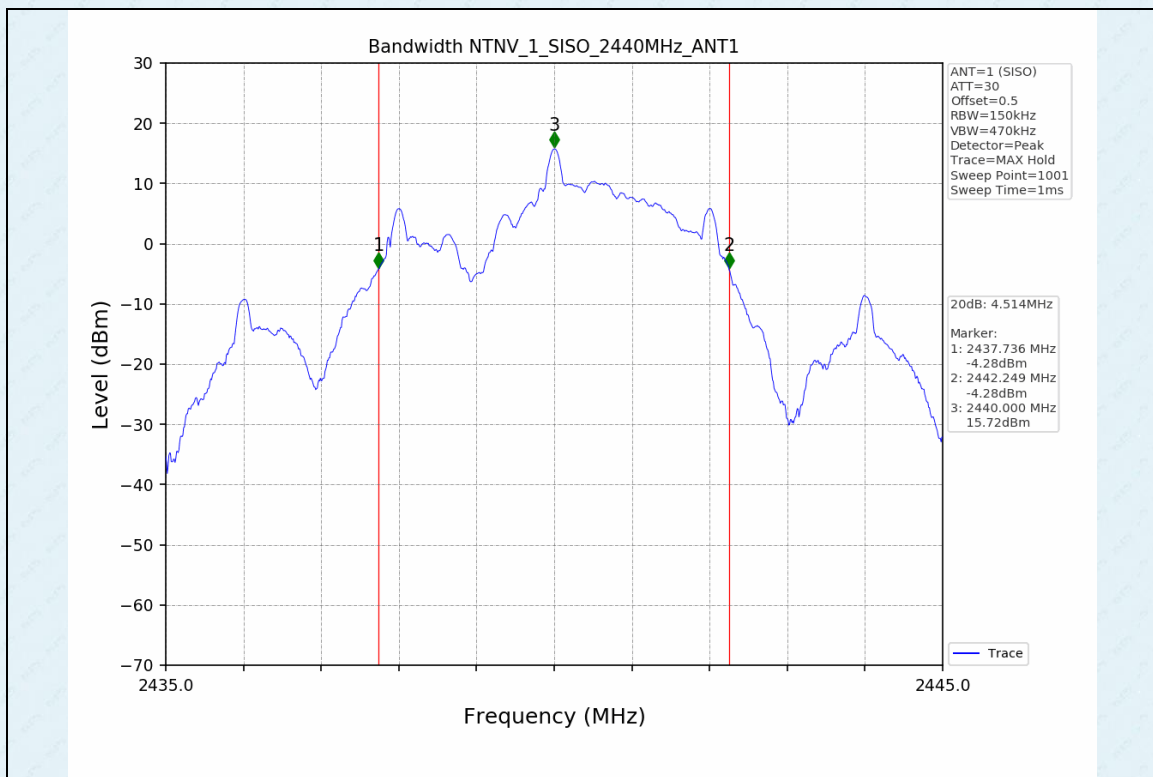
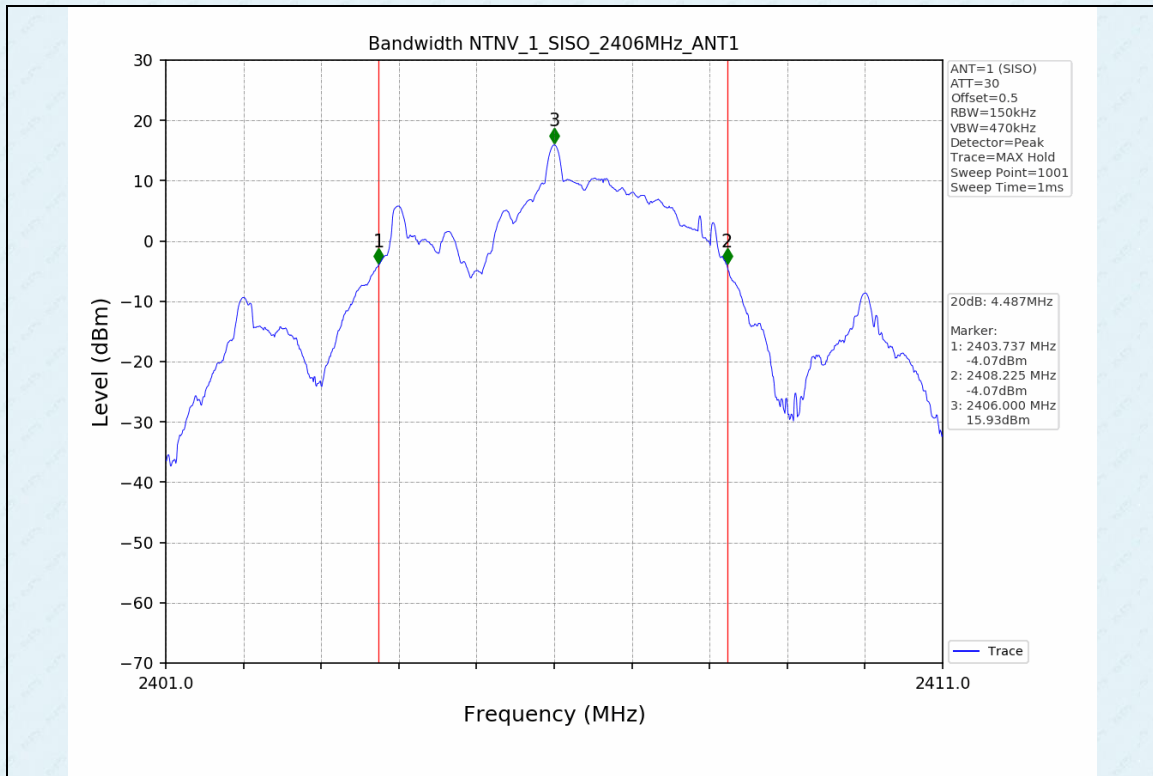
1. Bandwidth

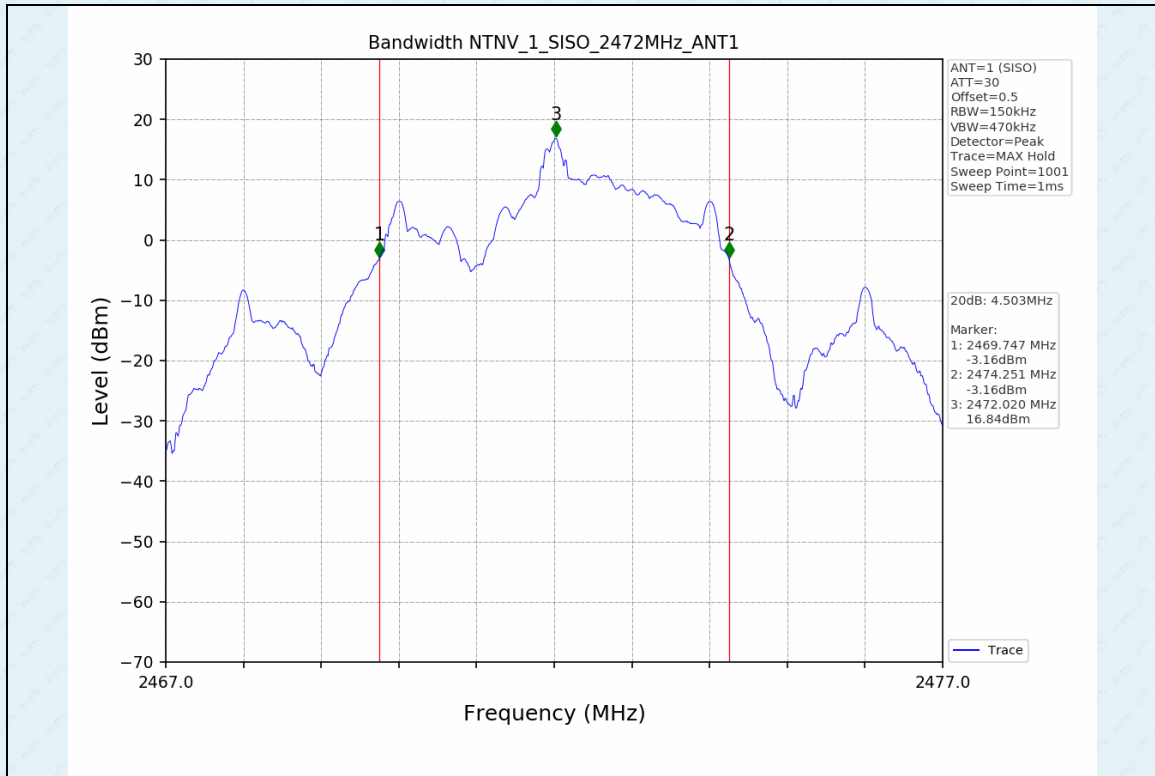
1.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	20dB Bandwidth	Verdict
				Test Result (MHz)	
FHSS	2406	SISO	1	4.487	PASS
	2440	SISO	1	4.514	PASS
	2472	SISO	1	4.503	PASS

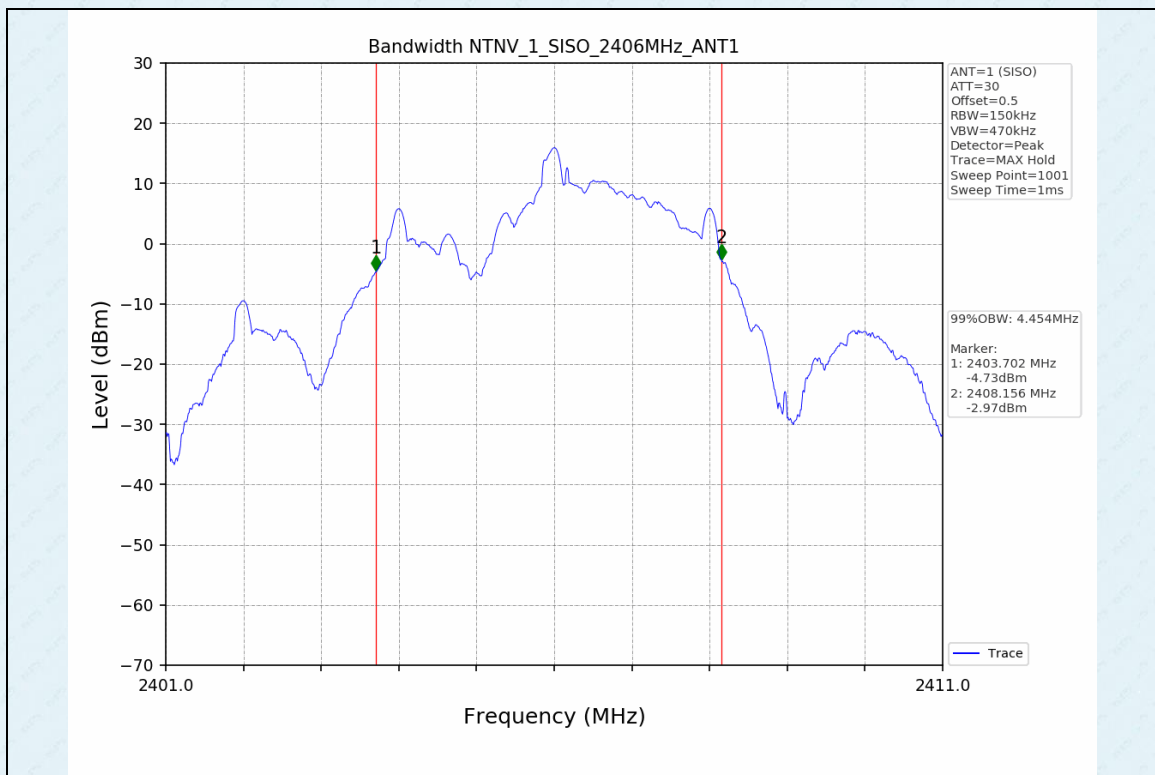
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
FHSS	2406	SISO	1	4.454	Only for Report Use
	2440	SISO	1	4.693	Only for Report Use
	2472	SISO	1	4.549	Only for Report Use

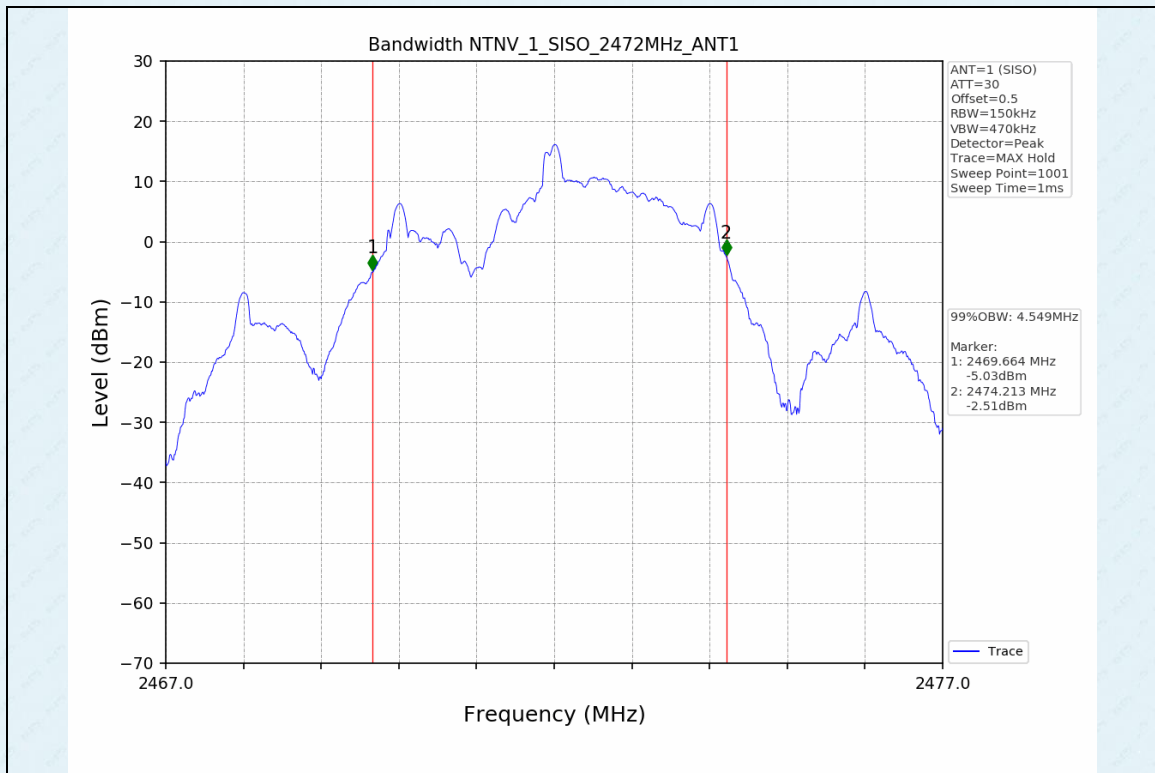
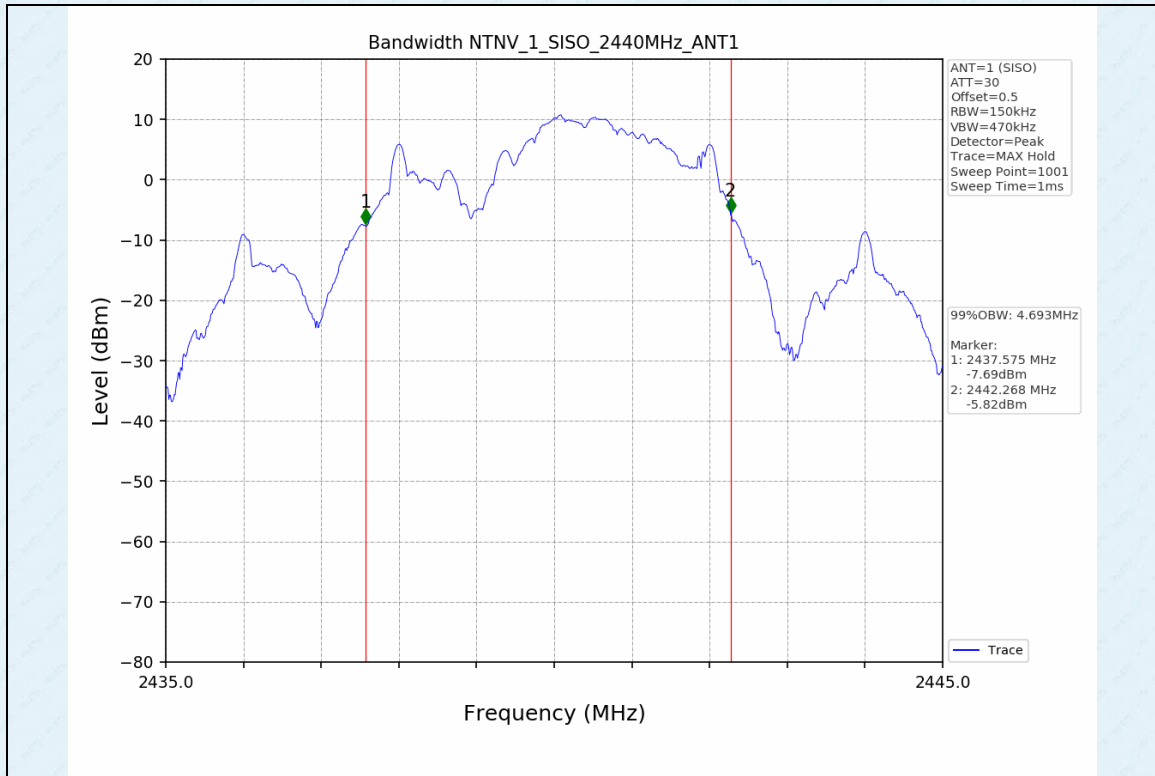
1.2 Test Graph - 20dB Bandwidth





1.3 Test Graph - 99% Occupied Bandwidth



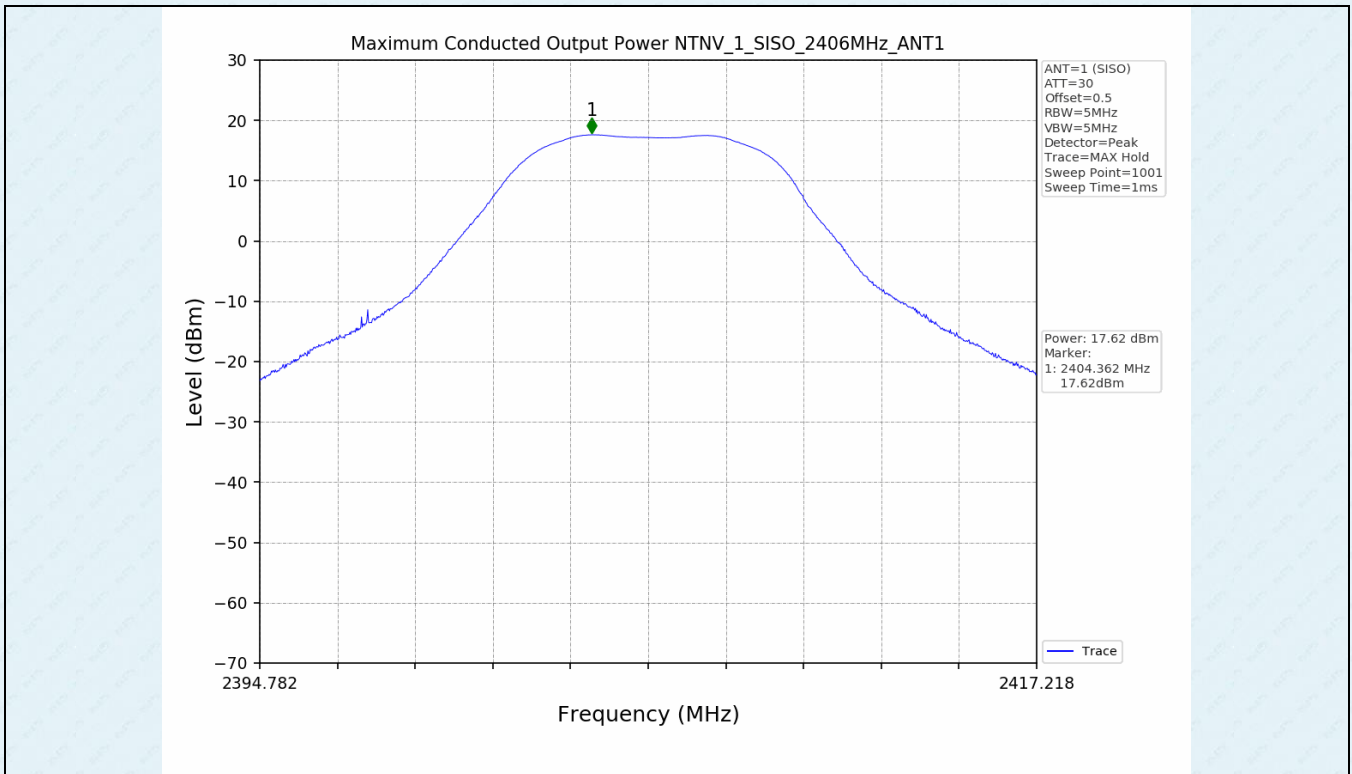


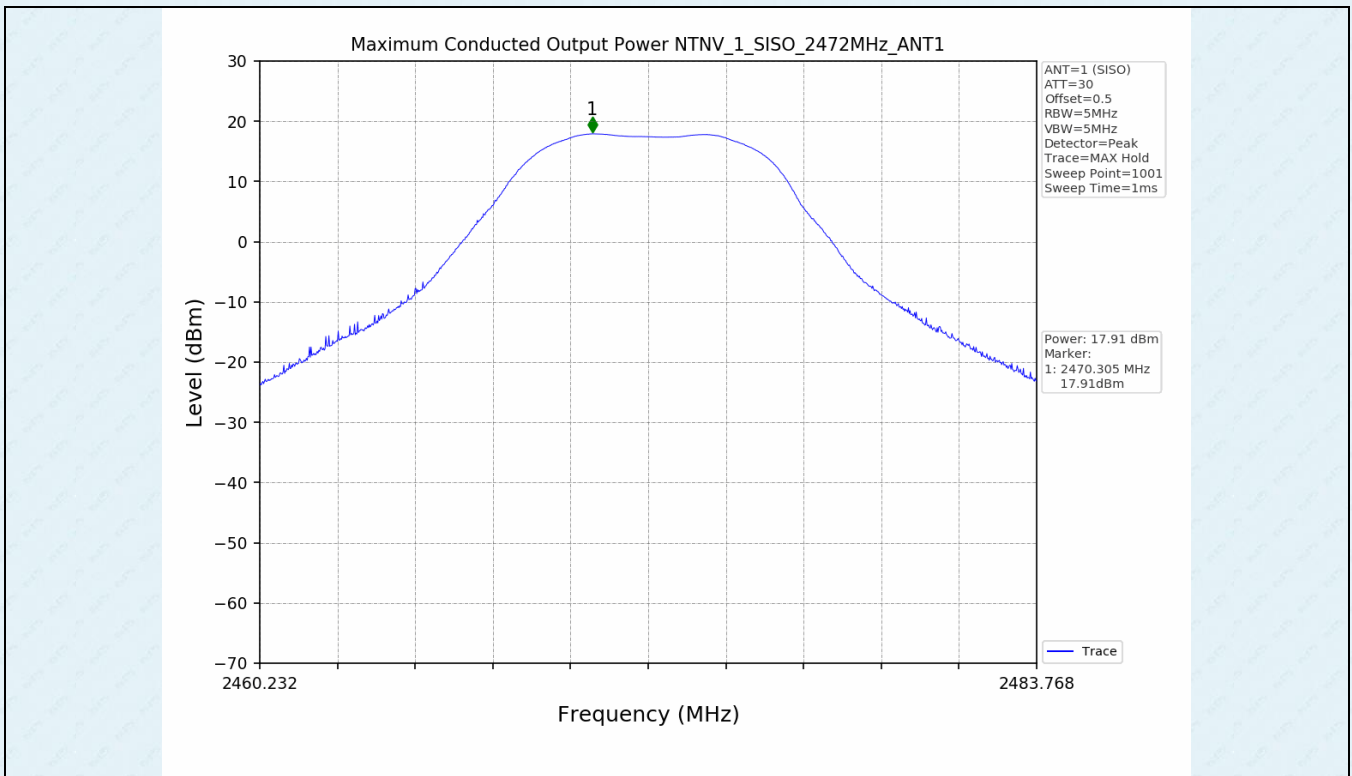
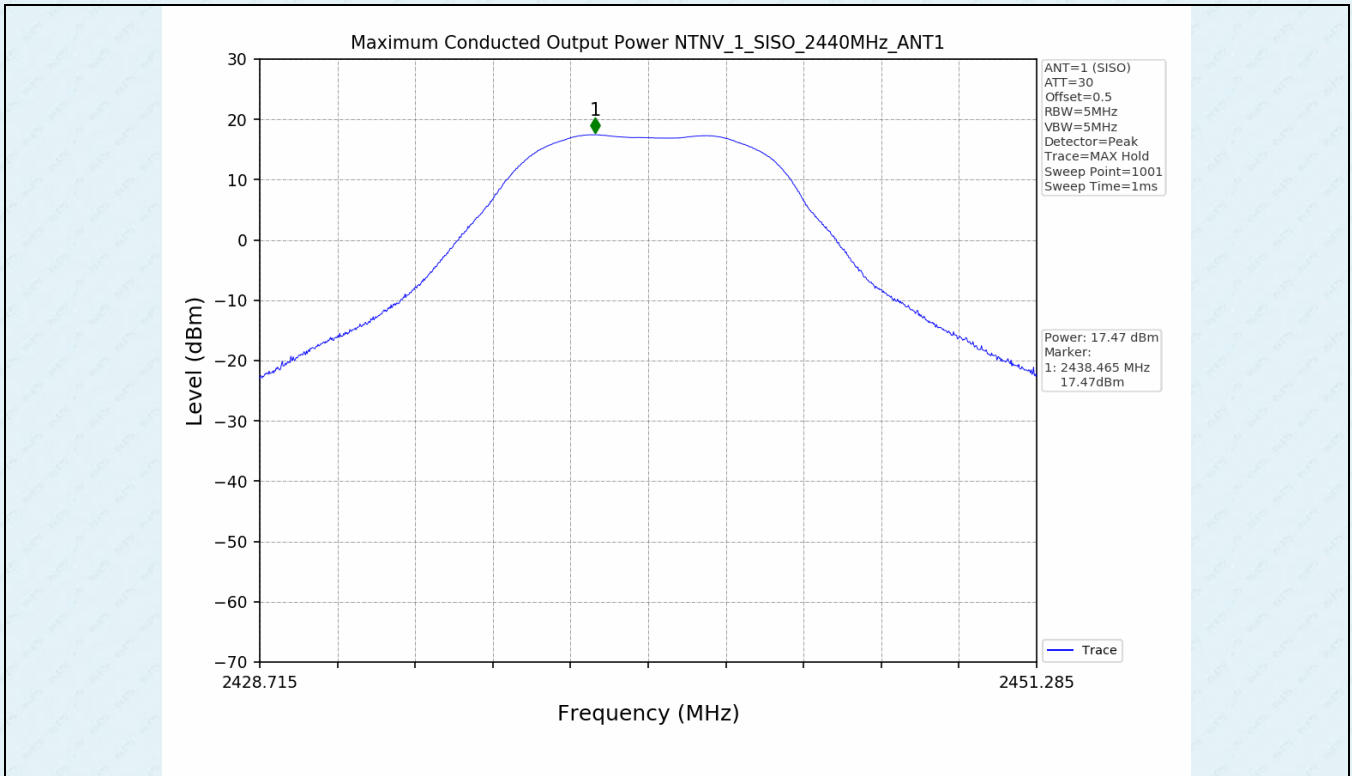
2. Maximum Conducted Output Power

2.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
FHSS	2406	SISO	17.62	20.97	PASS
	2440	SISO	17.47	20.97	PASS
	2472	SISO	17.91	20.97	PASS

2.2 Test Graph



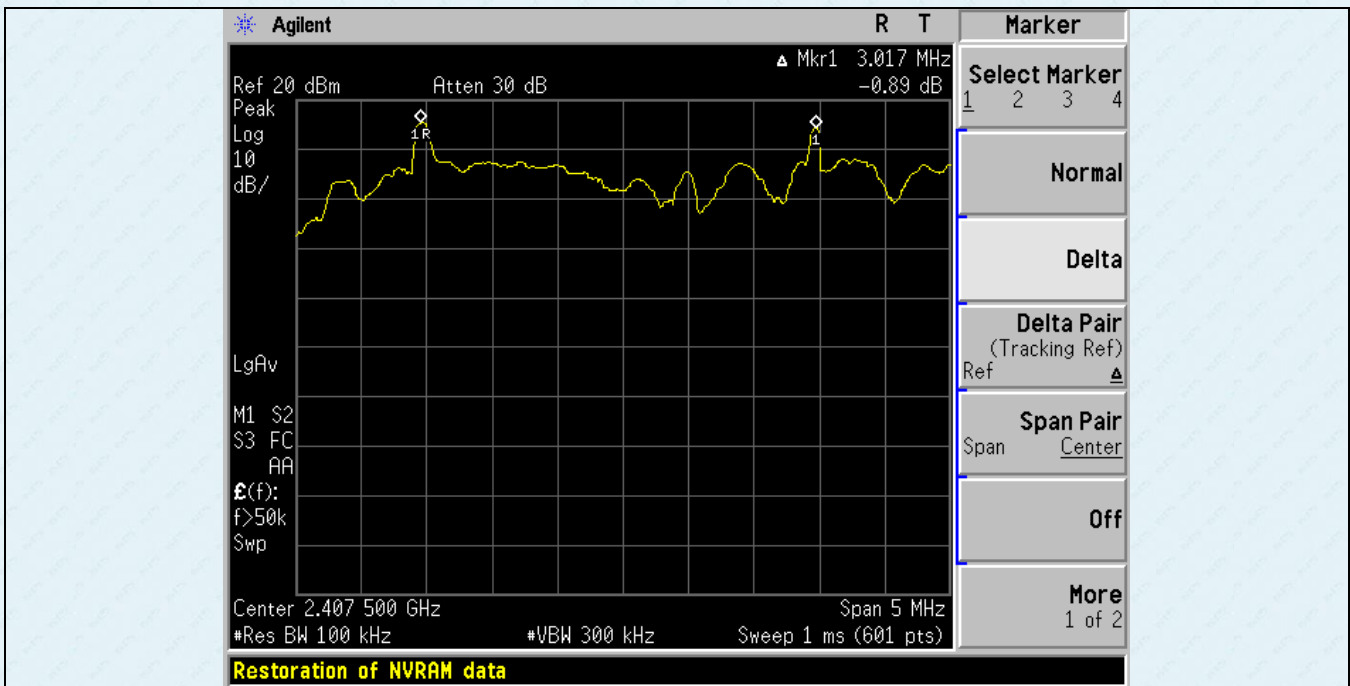


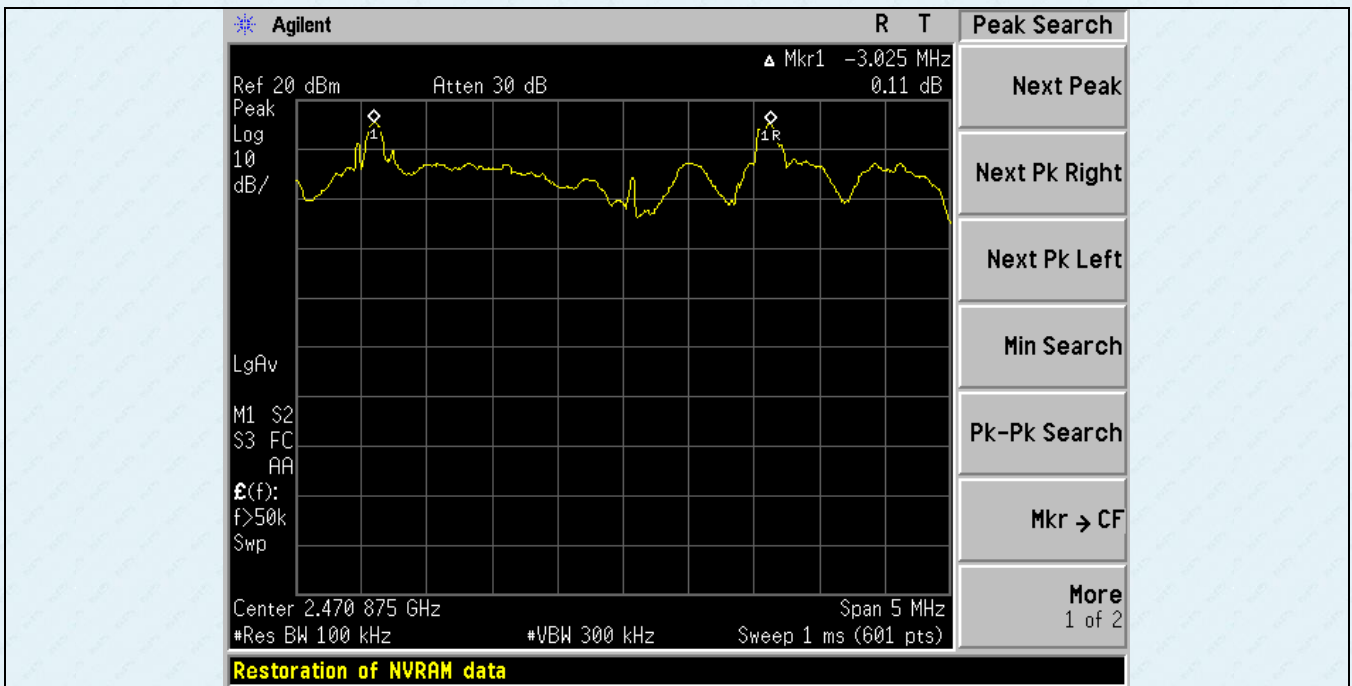
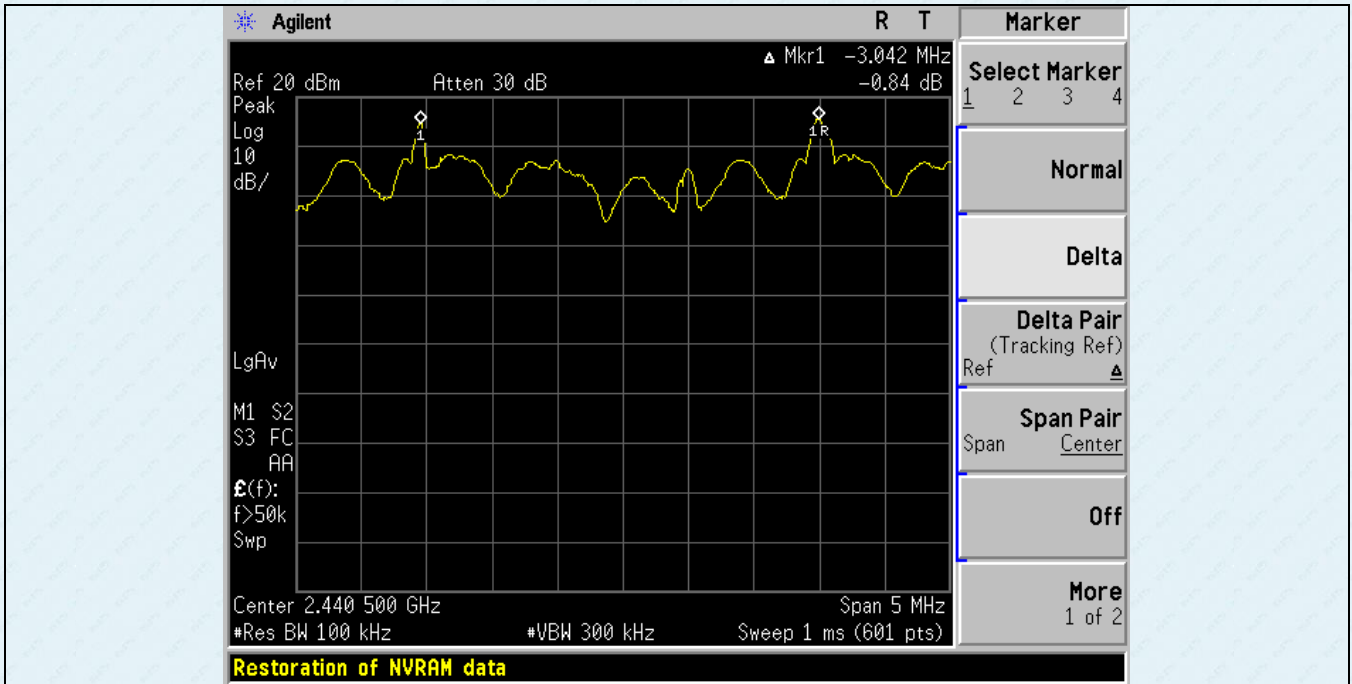
3. Carrier frequency separation

3.1 Test Result

ANT No.	Test channel	Carrier Frequencies Separation (kHz)	Limit (kHz)	Result
1	Lowest	3017	2.991	Pass
	Middle	3042	3.009	Pass
	Highest	3025	3.002	Pass

3.2 Test Graph



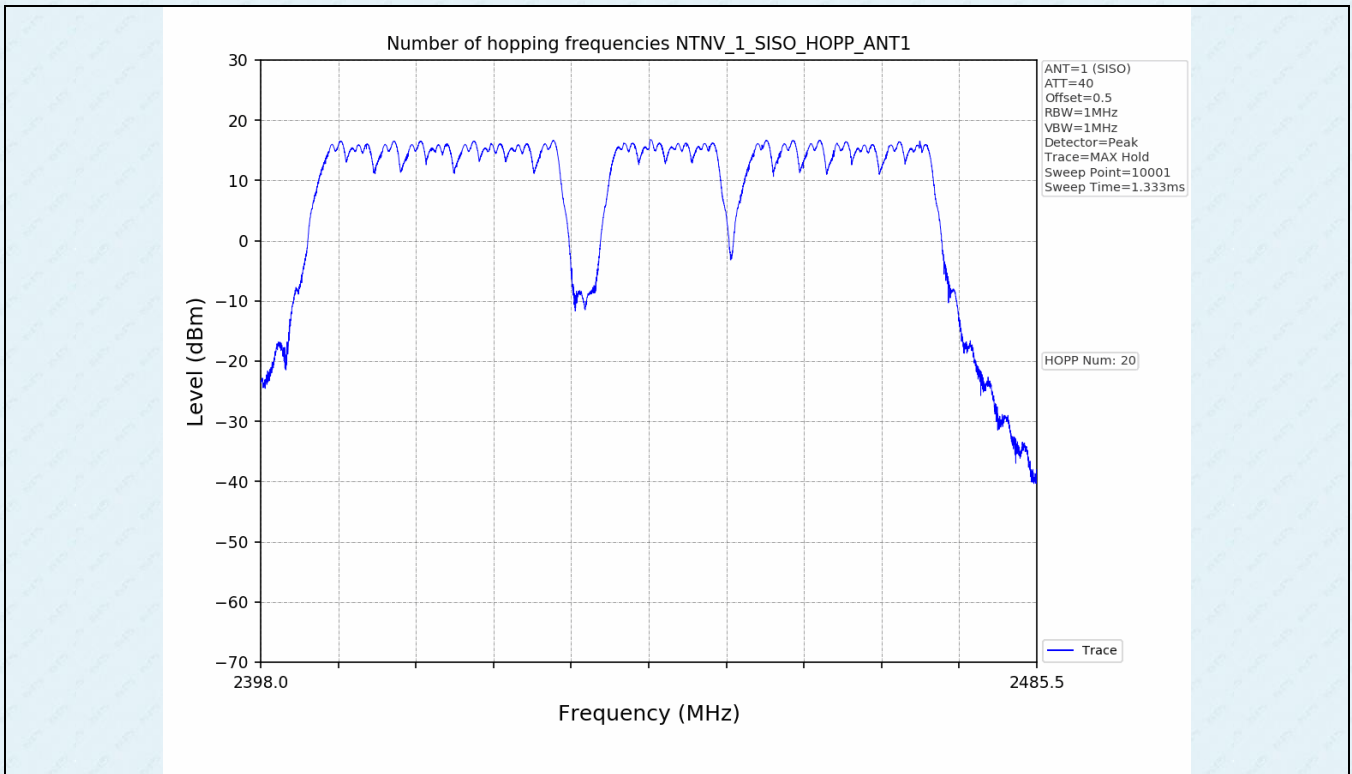


4. Number of hopping frequencies

4.1 Test Result

Test Mode	TX Type	ANT No.	Num of Hopping Frequencies	Limits	Verdict
FHSS	SISO	1	20	≥15	PASS

4.2 Test Graph



5. Time of Occupancy (Dwell Time)

5.1 Test Result

ANT No.	Test channel	Ton (ms)	Dwell time(ms)	Limit(ms)	Result
1	Lowest	3.0670	73.6080	400	Pass
	Middle	3.0000	72.0000	400	Pass
	Highest	3.0670	73.6080	400	Pass

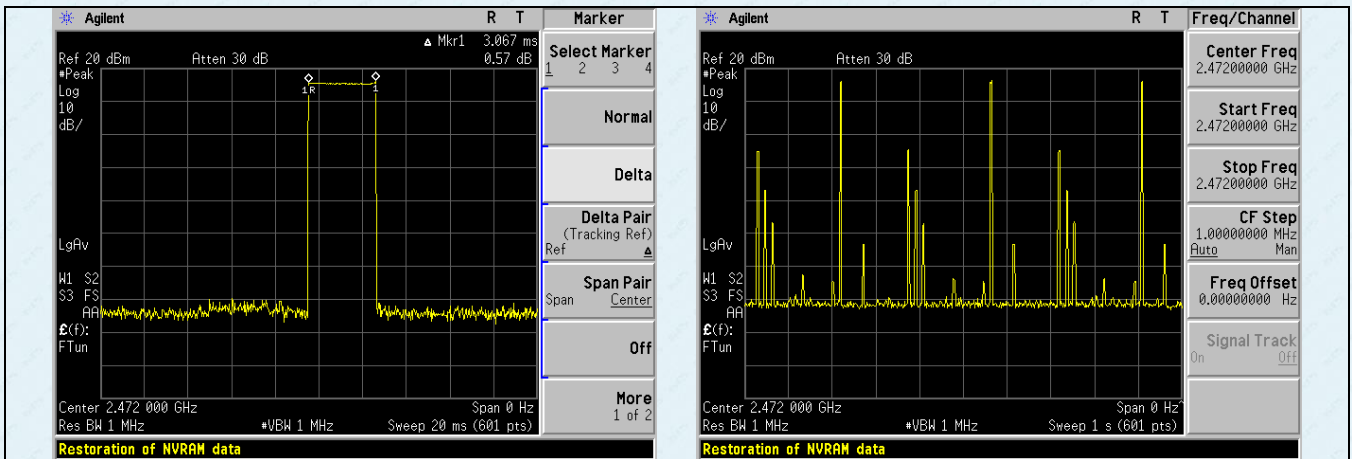
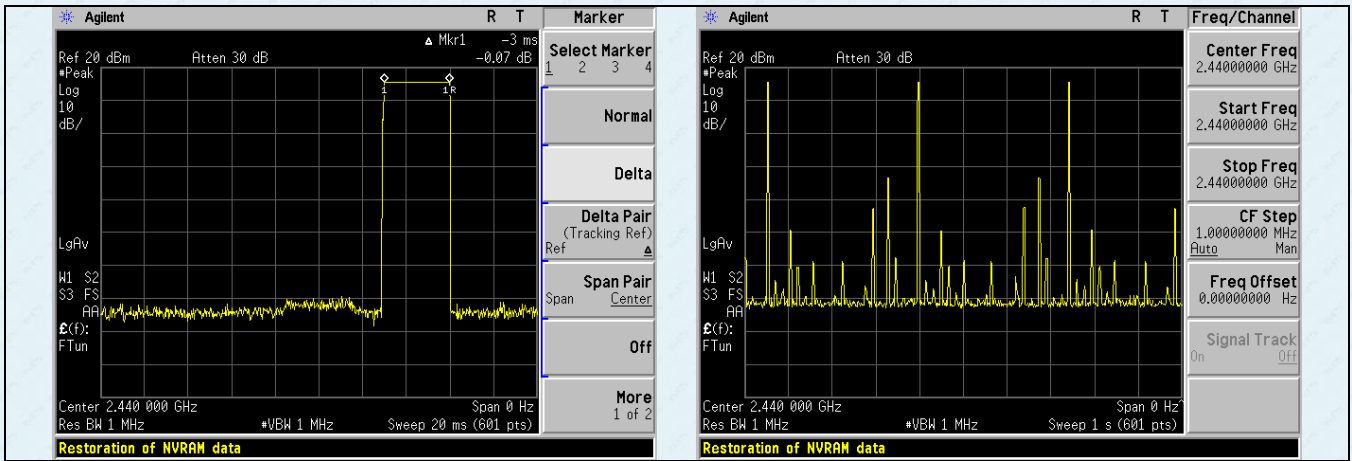
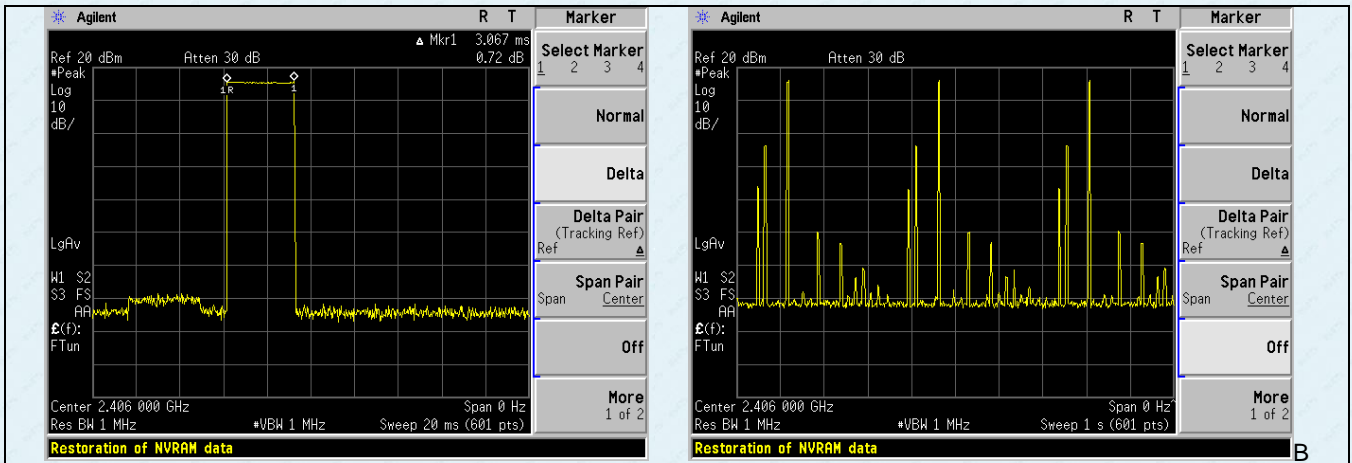
The formula as below:

Lowest: Dwell time = Ton * Ton times in 1s * 0.4s * channel numbers=3.0670ms*3*0.4*20=73.6080ms

Middle: Dwell time = Ton * Ton times in 1s * 0.4s * channel numbers=3.0000ms*3*0.4*20=72.0000ms

Highest: Dwell time = Ton * Ton times in 1s * 0.4s * channel numbers=3.0670ms*3*0.4*20=73.6080ms

5.2 Test Graph

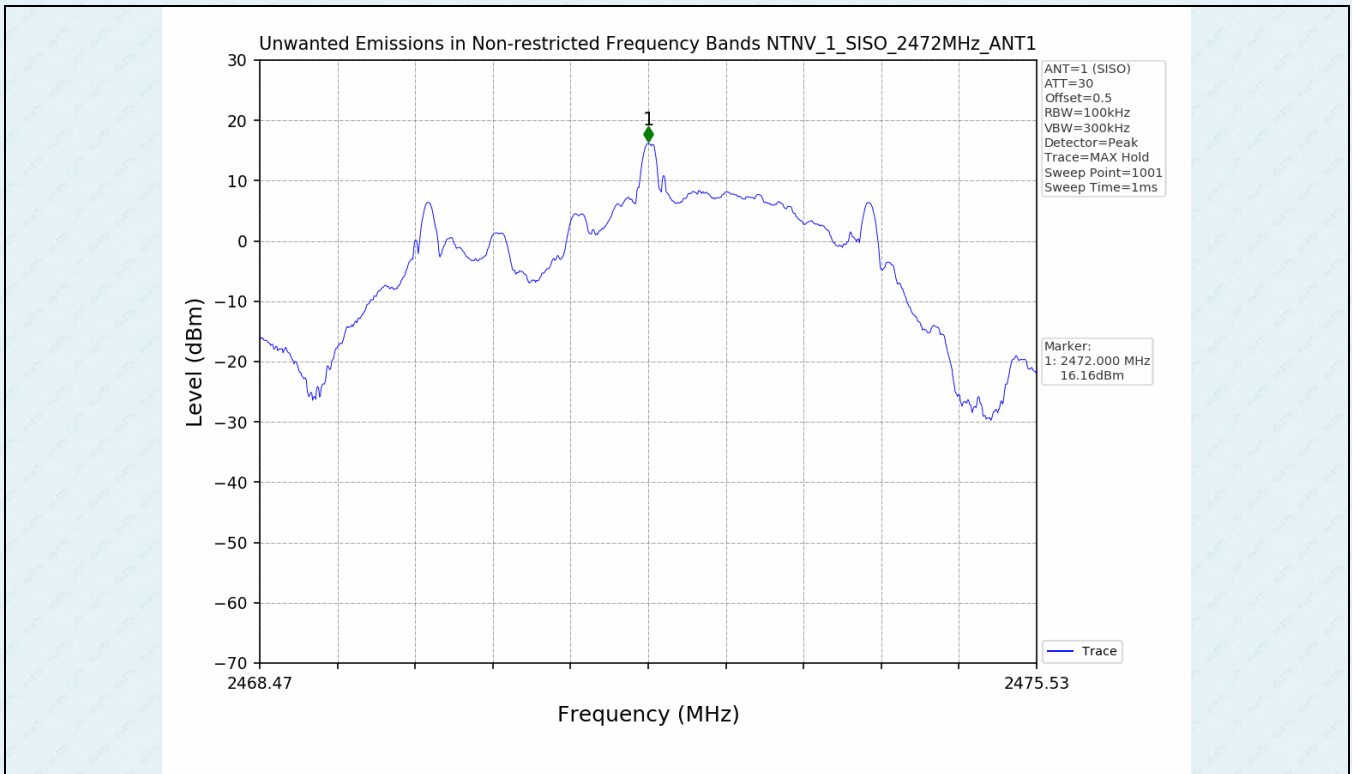


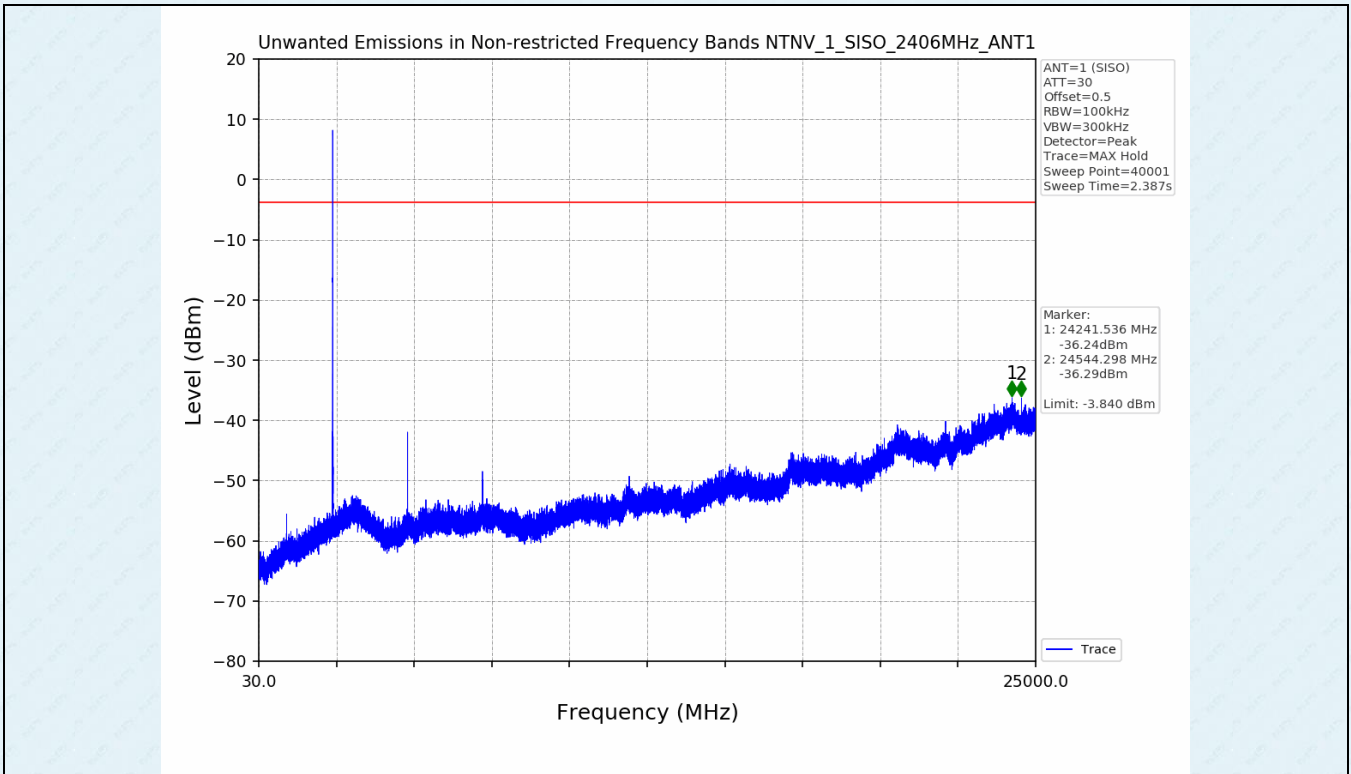
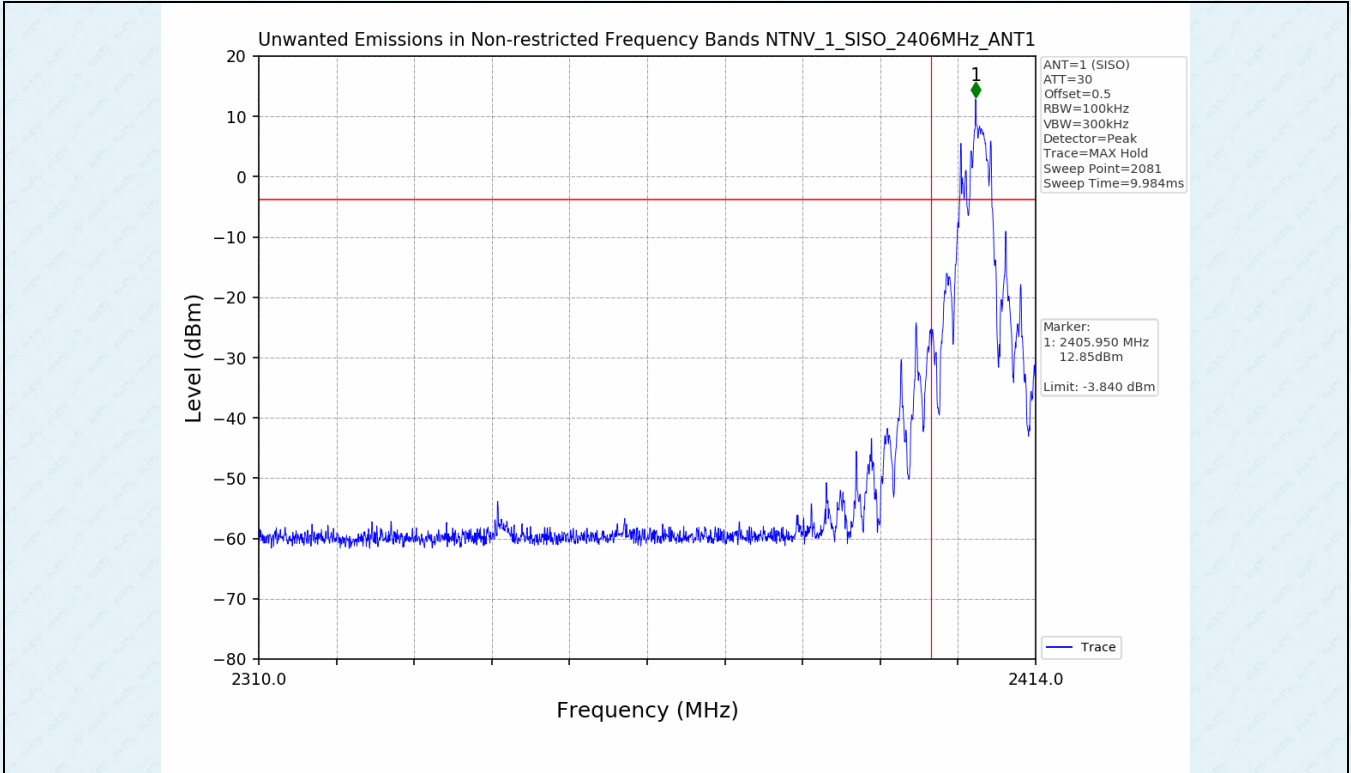
6. Unwanted Emissions in Non-restricted Frequency Bands

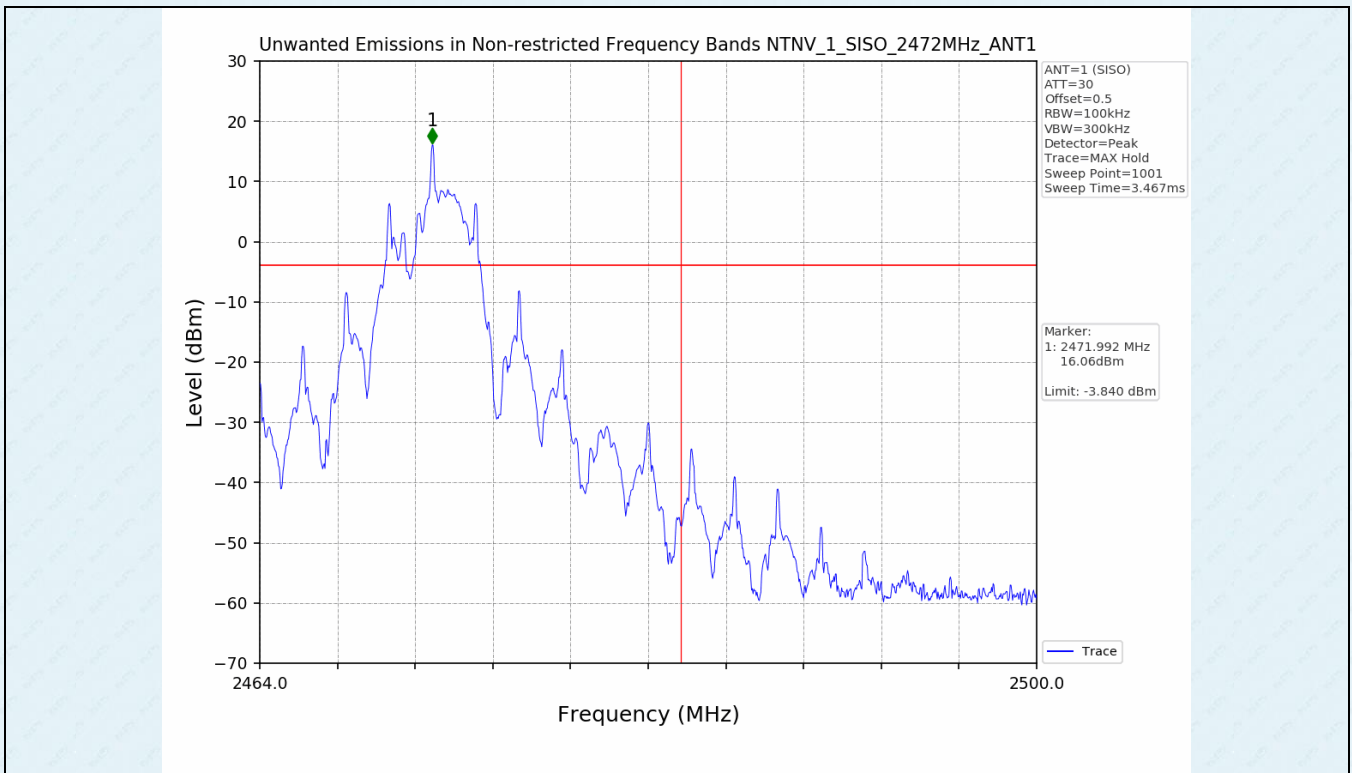
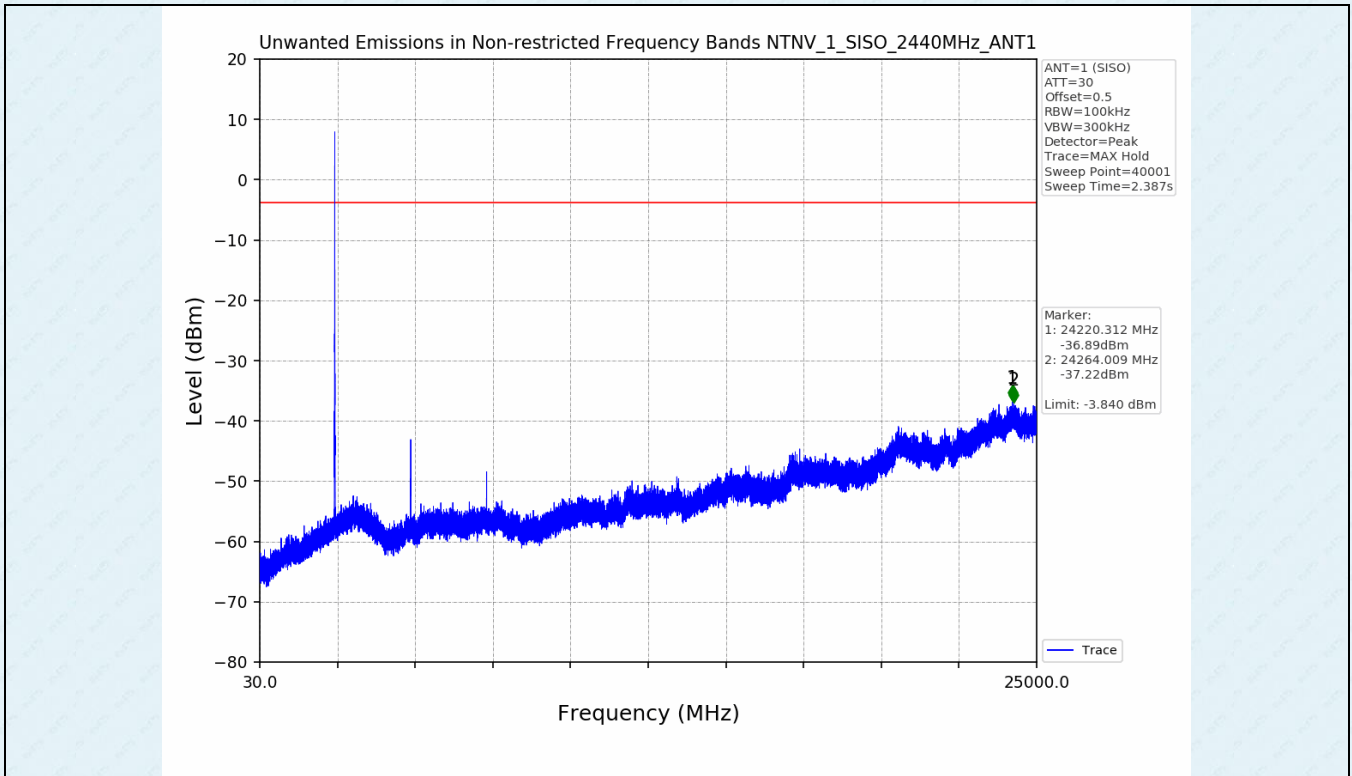
6.1 Test Result

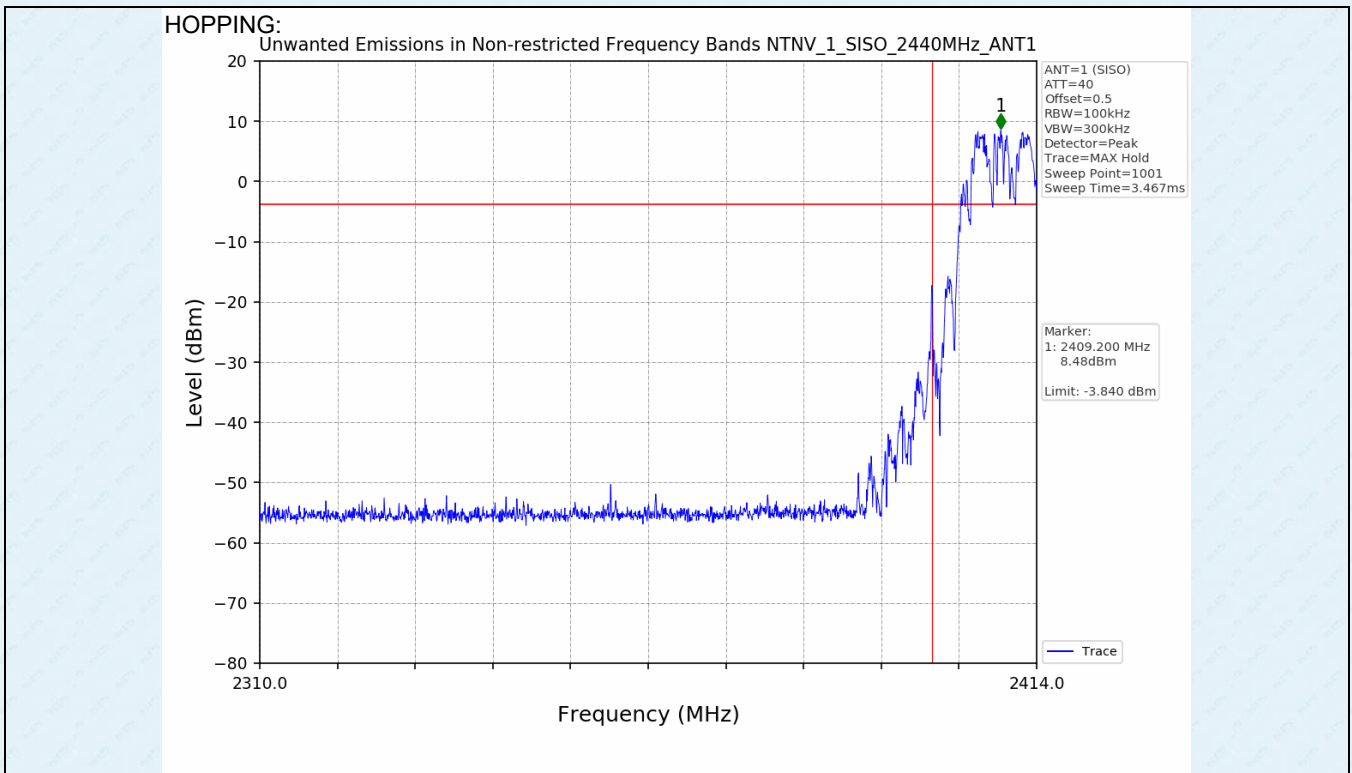
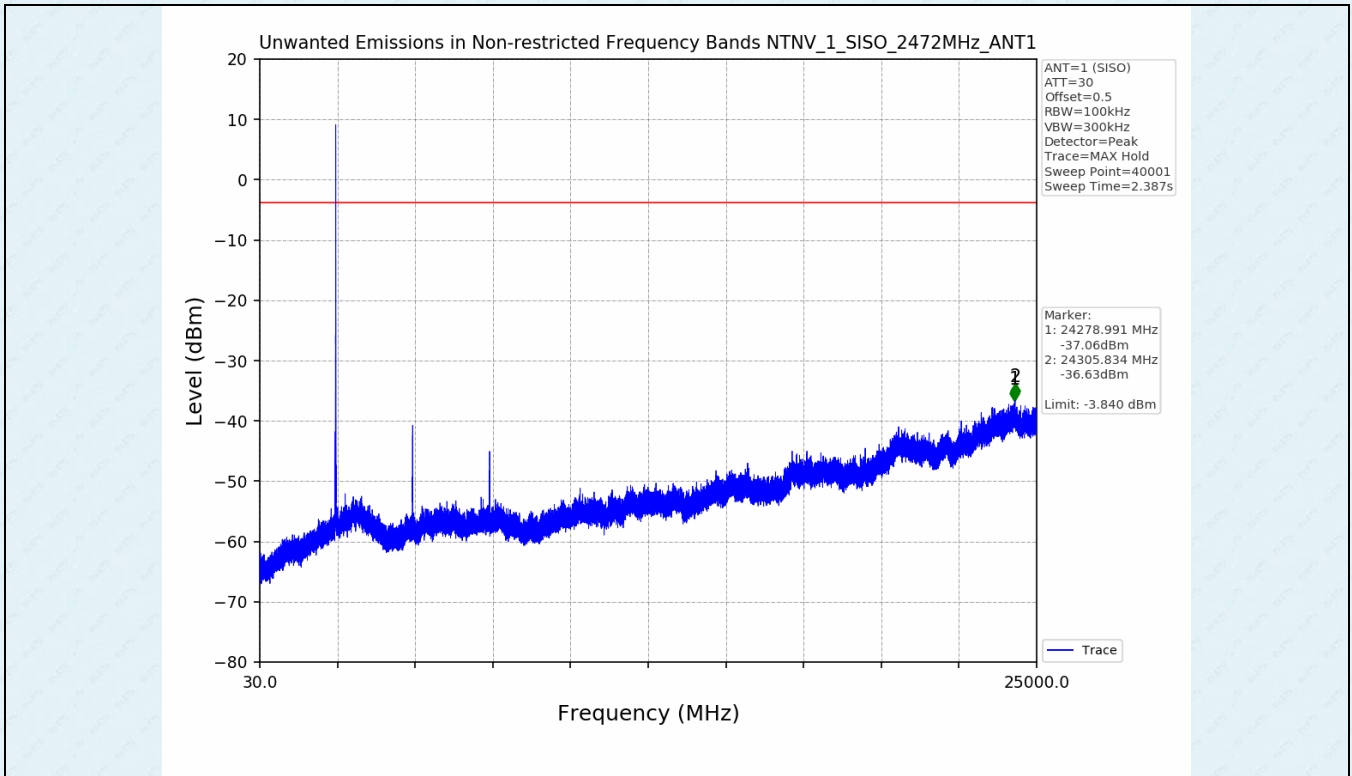
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
FHSS	2406	SISO	1	Refer to test graph	-3.84	PASS
	2440	SISO	1	Refer to test graph	-3.84	PASS
	2472	SISO	1	Refer to test graph	-3.84	PASS
	Hopping	SISO	1	Refer to test graph	-3.84	PASS

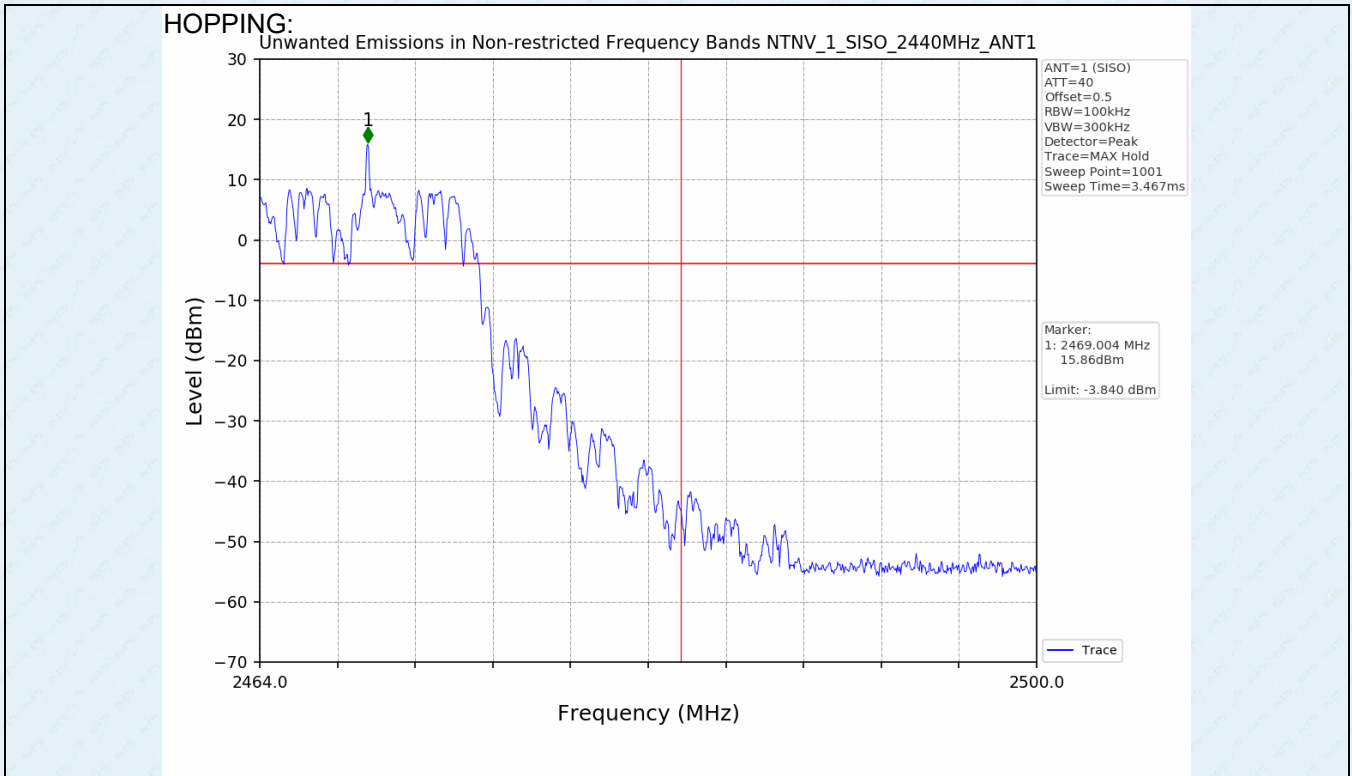
6.2 Test Graph











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