

Appendix for 15.247

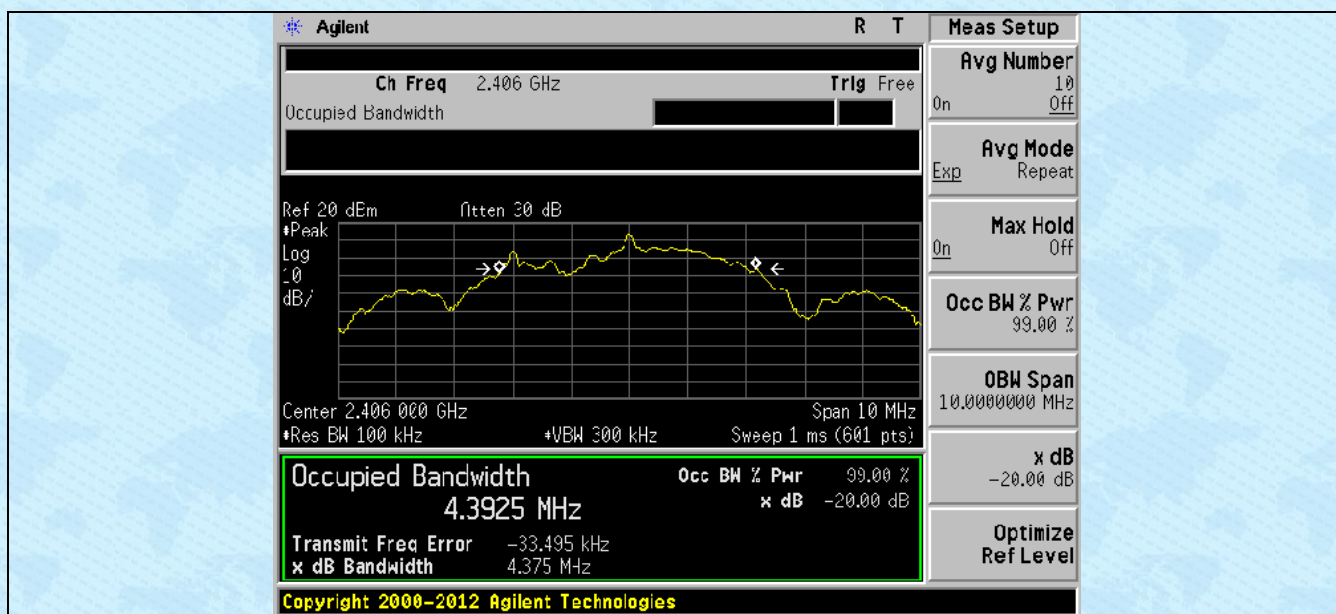
1. Bandwidth

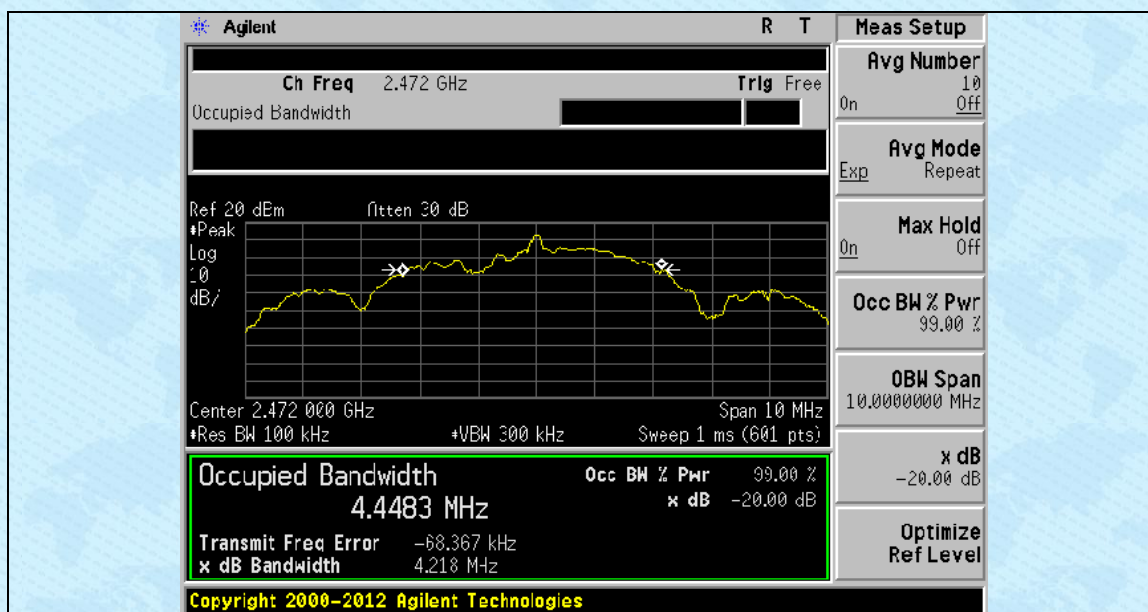
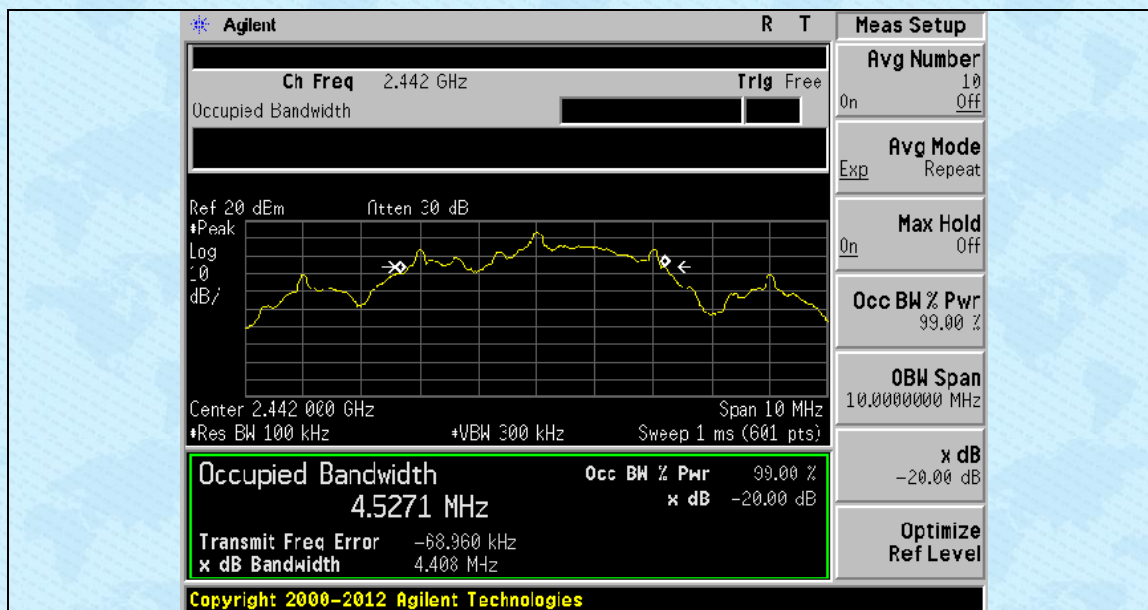
1.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	20dB Bandwidth	Verdict
				Test Result (MHz)	
DSSS	2406	SISO	ANT1	4.375	PASS
	2442	SISO	ANT1	4.408	PASS
	2472	SISO	ANT1	4.218	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
DSSS	2406	SISO	ANT1	4.393	Only for Report Use
	2442	SISO	ANT1	4.527	Only for Report Use
	2472	SISO	ANT1	4.448	Only for Report Use

1.2 Test Graph



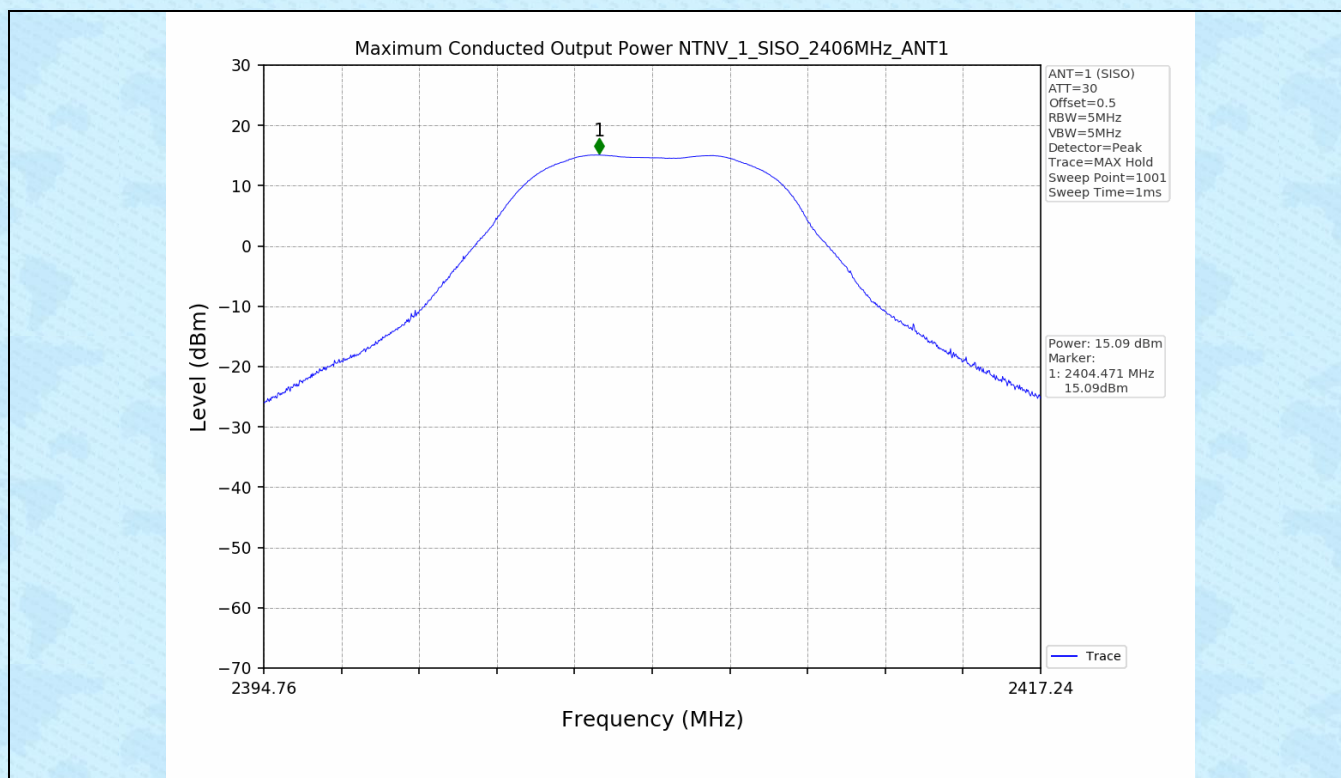


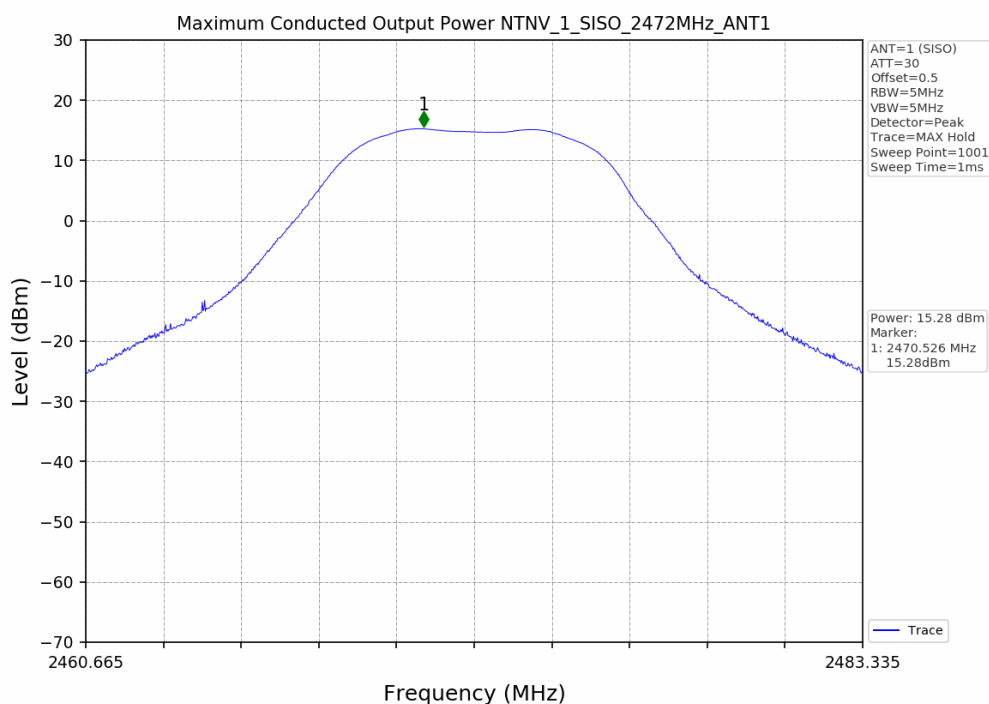
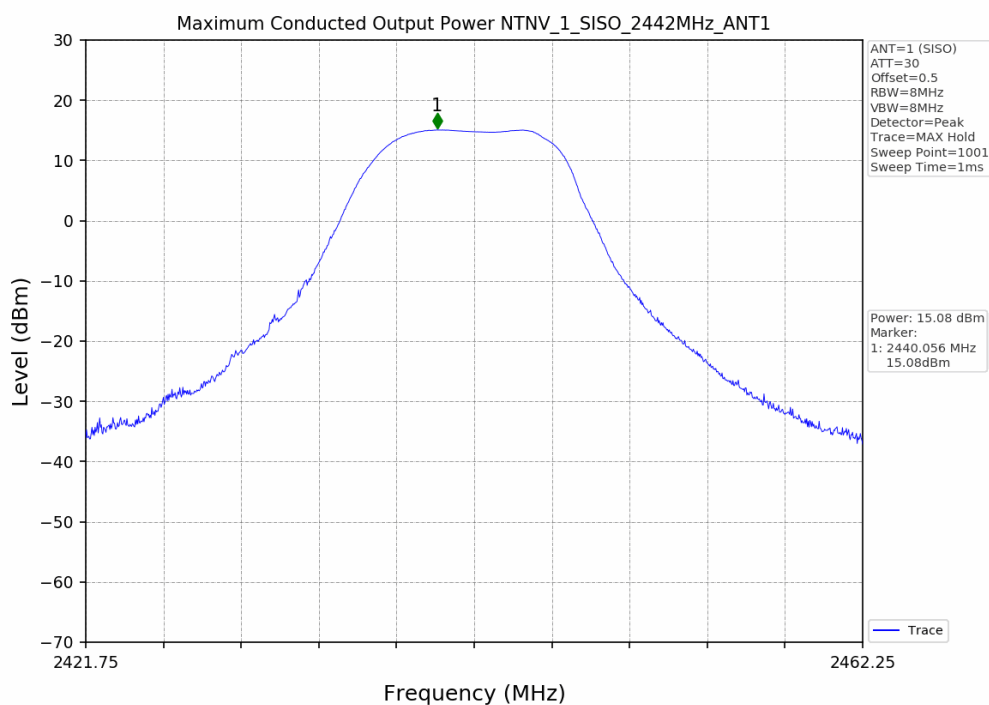
2. Maximum Conducted Output Power

2.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
DSSS	2406	SISO	15.09	20.97	PASS
	2442	SISO	15.08	20.97	PASS
	2472	SISO	15.28	20.97	PASS

2.2 Test Graph



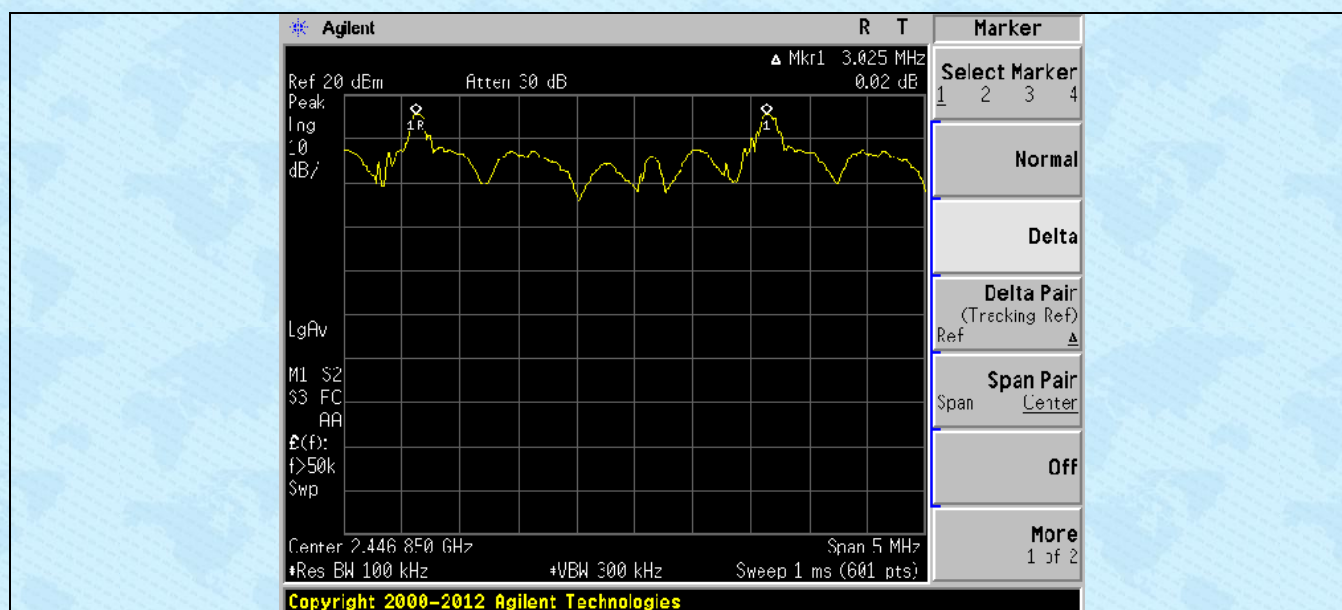
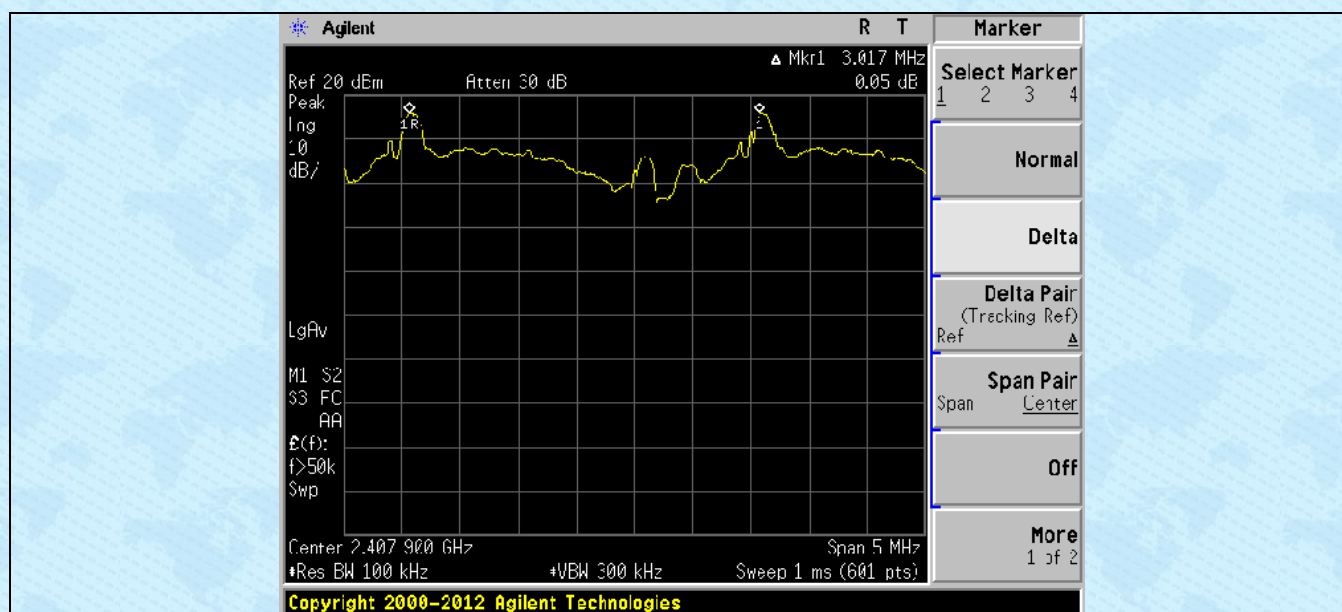


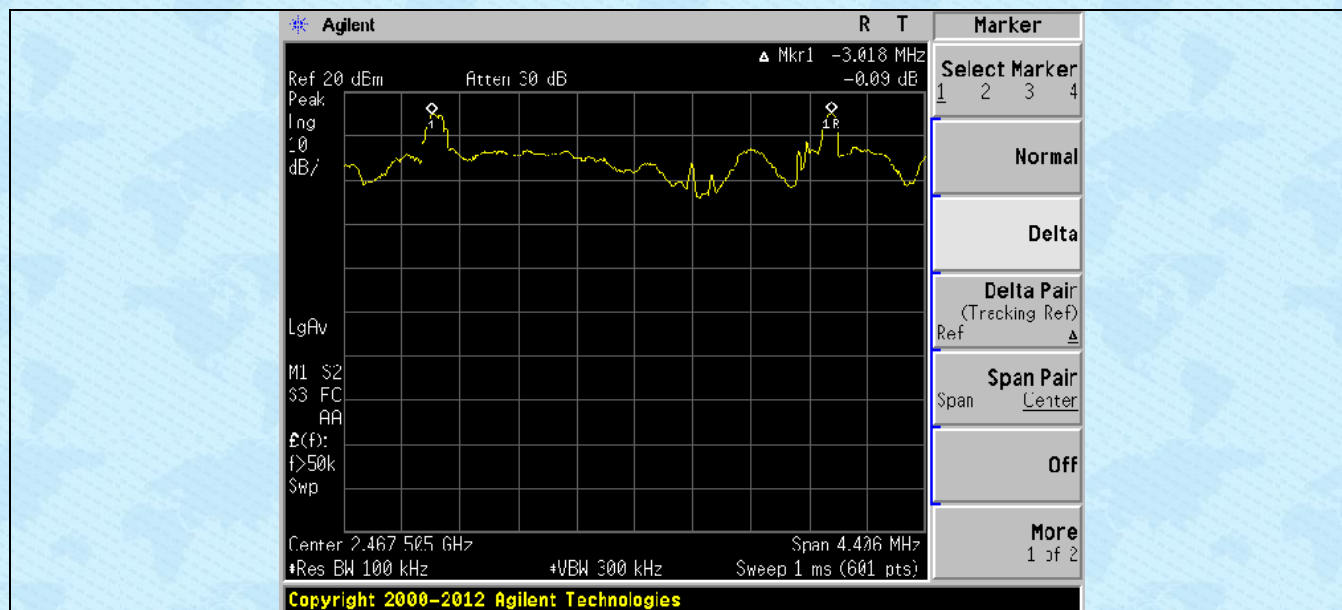
3. Carrier frequency separation

3.1 Test Result

ANT No.	Test channel	Carrier Frequencies Separation (kHz)	Limit (kHz)	Result
ANT	Lowest	3017	2917	Pass
	Middle	3025	2939	Pass
	Highest	3018	2812	Pass

3.2 Test Graph



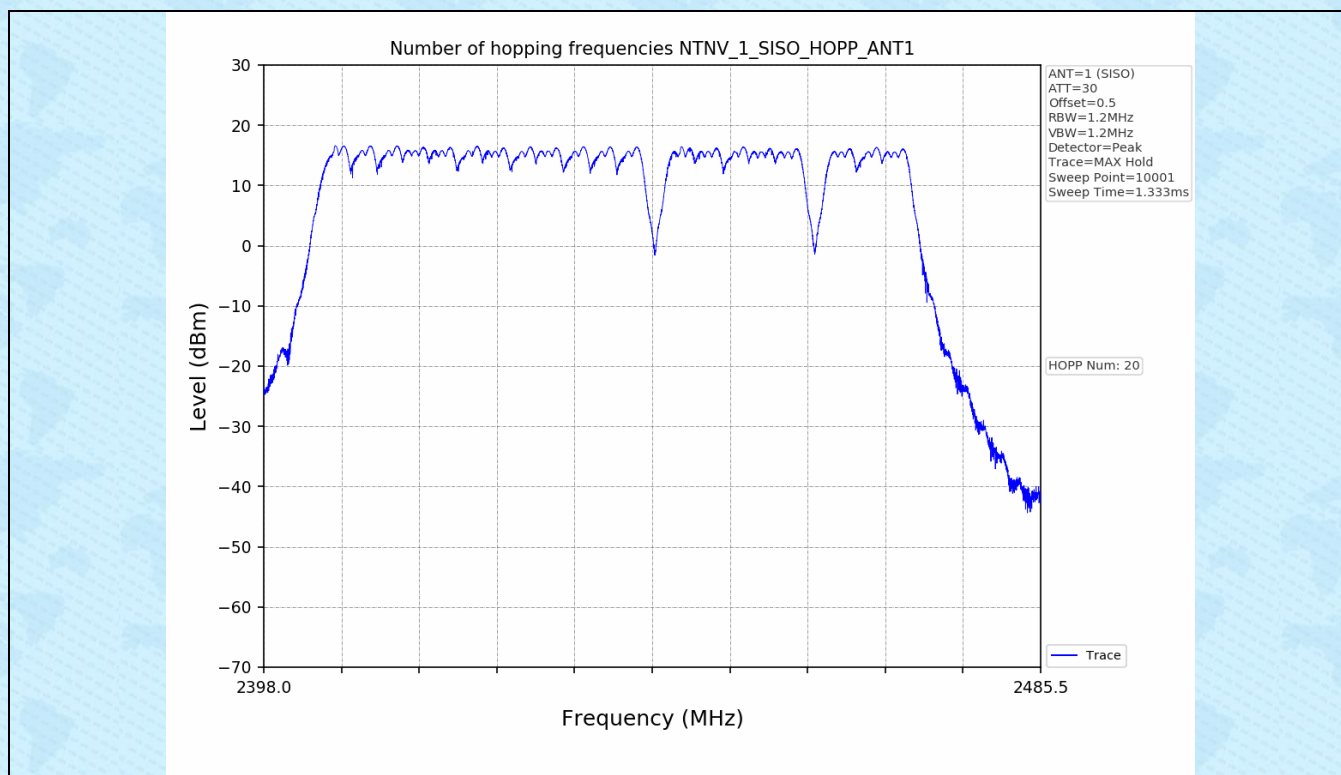


4. Number of hopping frequencies

4.1 Test Result

Test Mode	TX Type	ANT No.	Num of Hopping Frequencies	Limits	Verdict
FHSS	SISO	ANT1	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
FHSS	Lowest	3.083	73.99	400	Pass
	Middle	3.000	72.00	400	Pass
	Highest	3.000	72.00	400	Pass

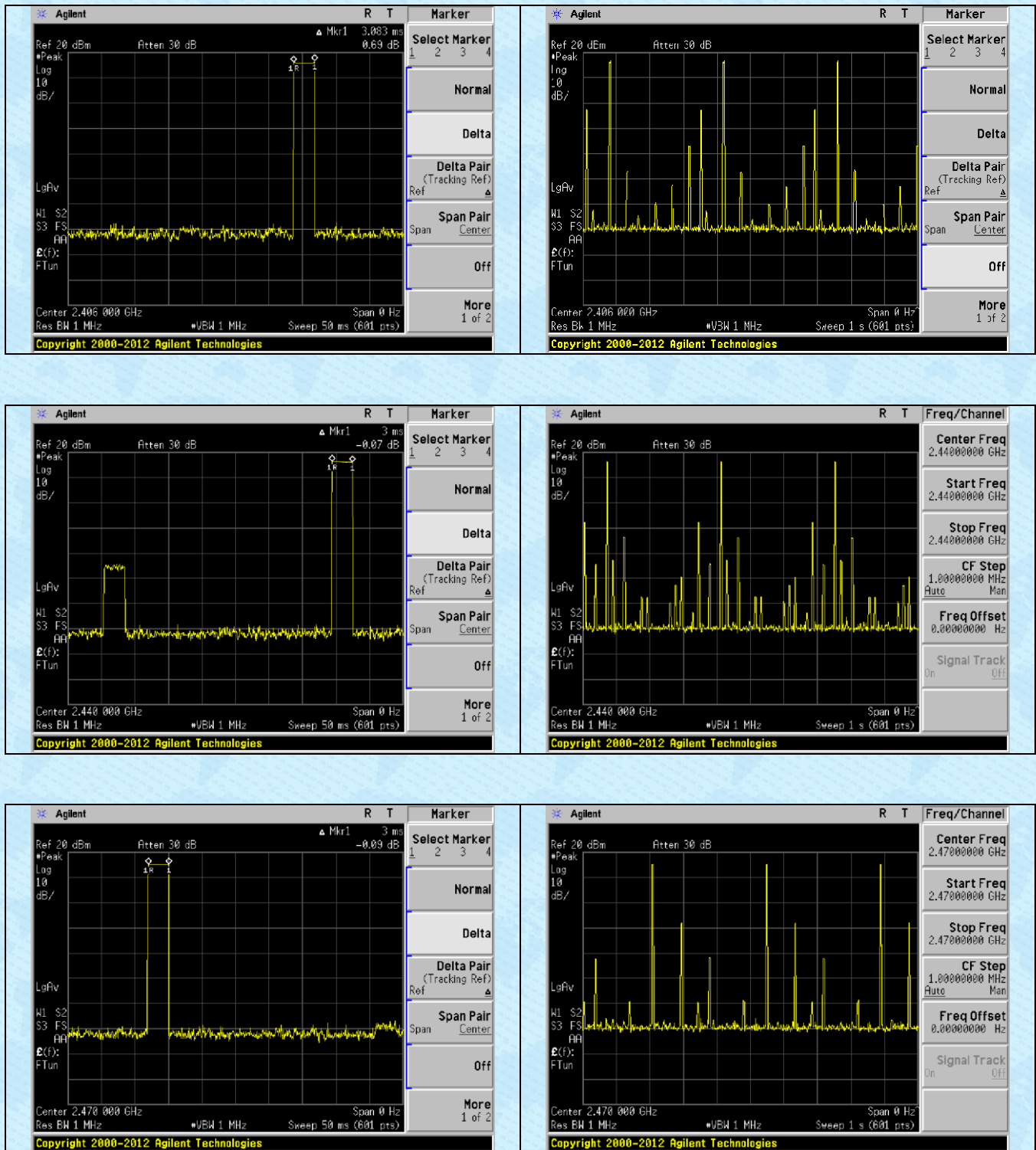
The formula as below:

Lowest: Dwell time = Ton * Ton times in 1s * 0.4s * channel numbers=3.083ms*3*0.4*20=73.99ms

Middle: Dwell time = Ton * Ton times in 1s * 0.4s * channel numbers=3.000ms*3*0.4*20=72.00ms

Highest: Dwell time = Ton * Ton times in 1s * 0.4s * channel numbers=3.000ms*3*0.4*20=72.00ms

5.2 Test Graph

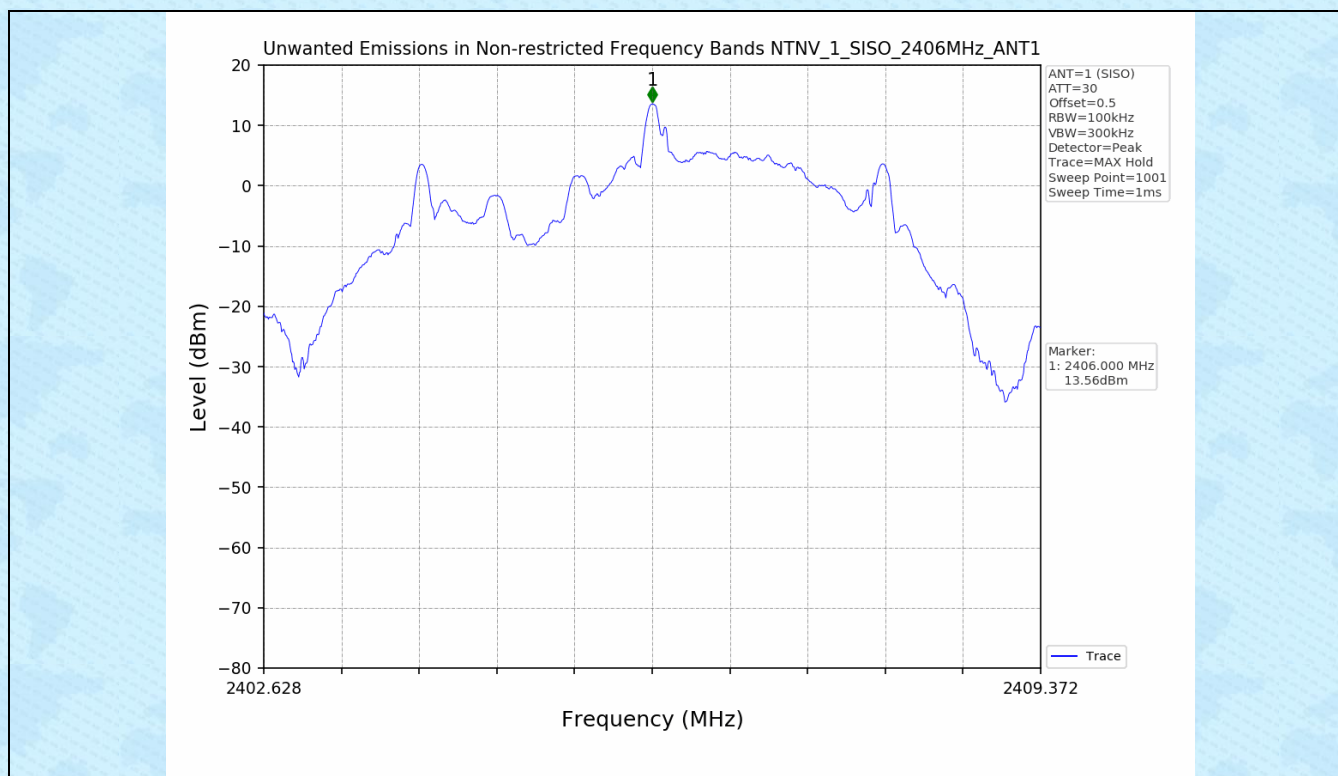


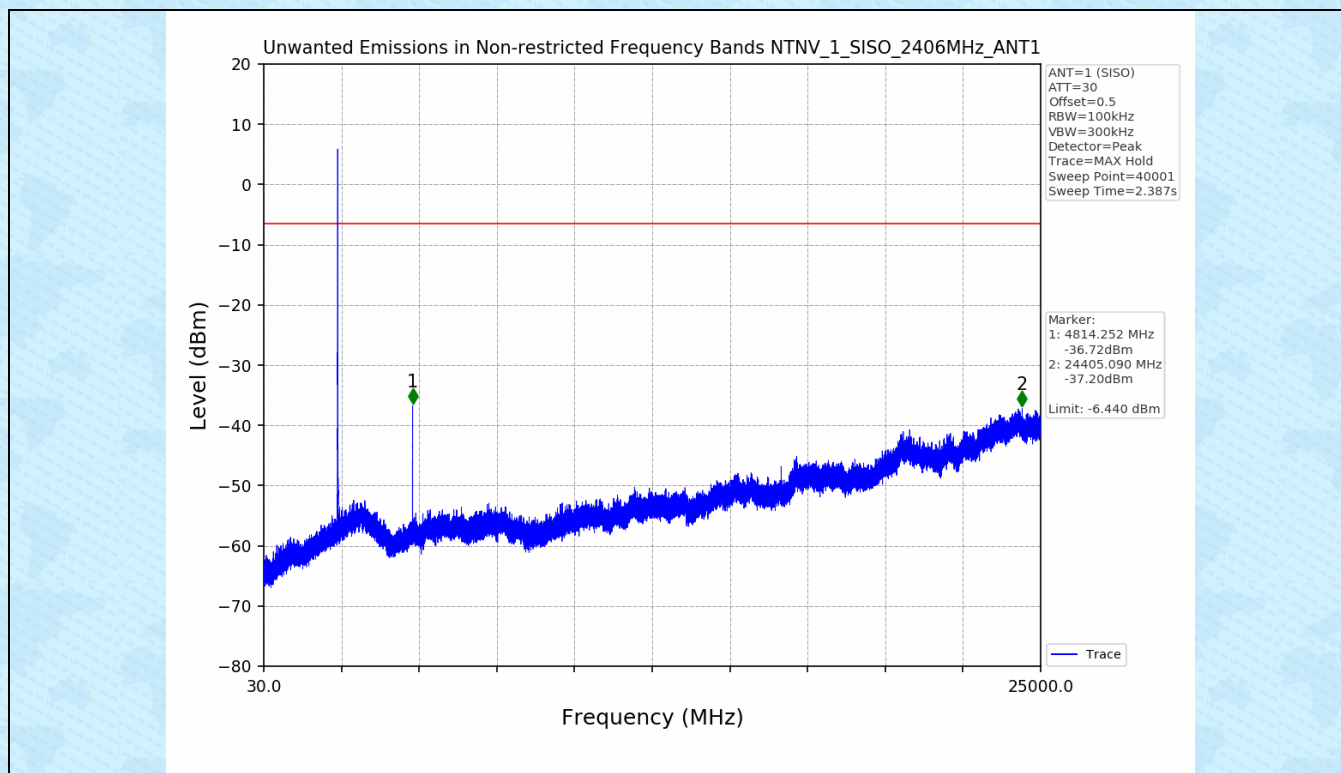
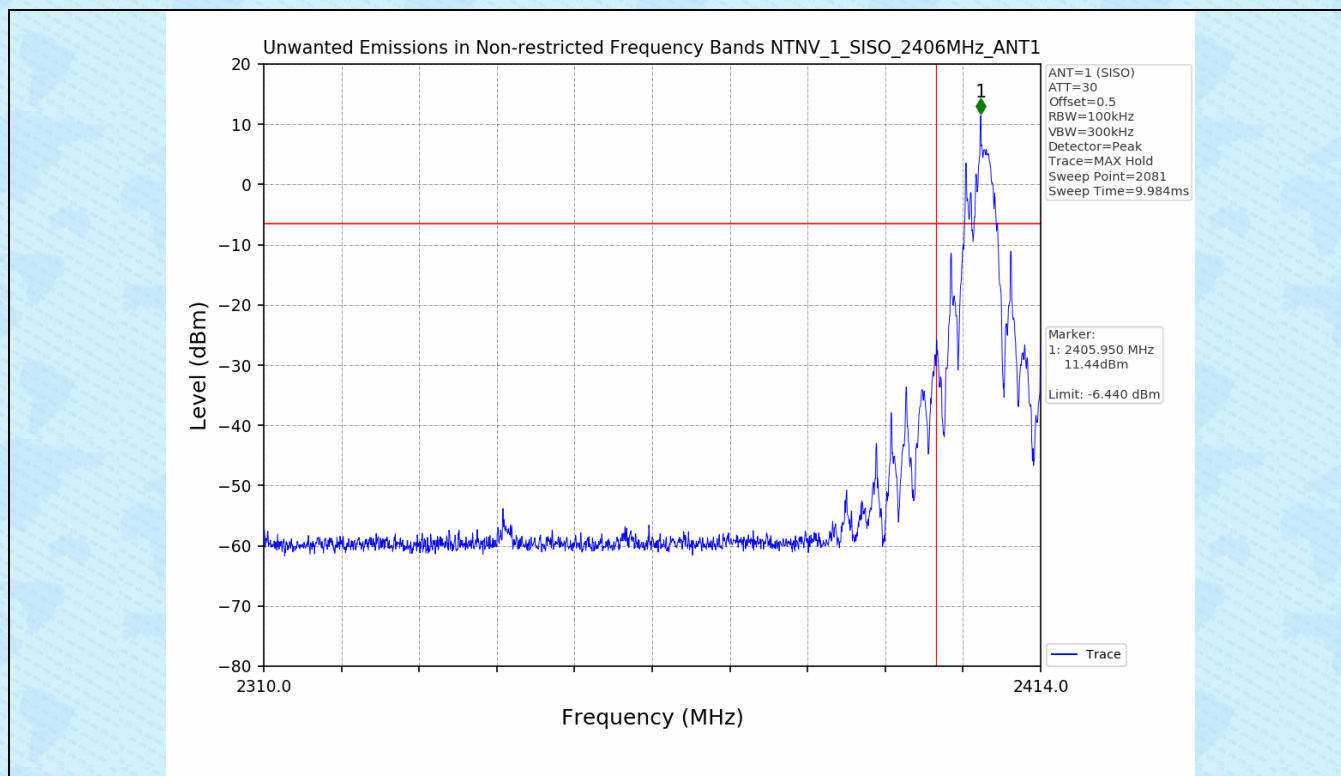
6. Unwanted Emissions in Non-restricted Frequency Bands

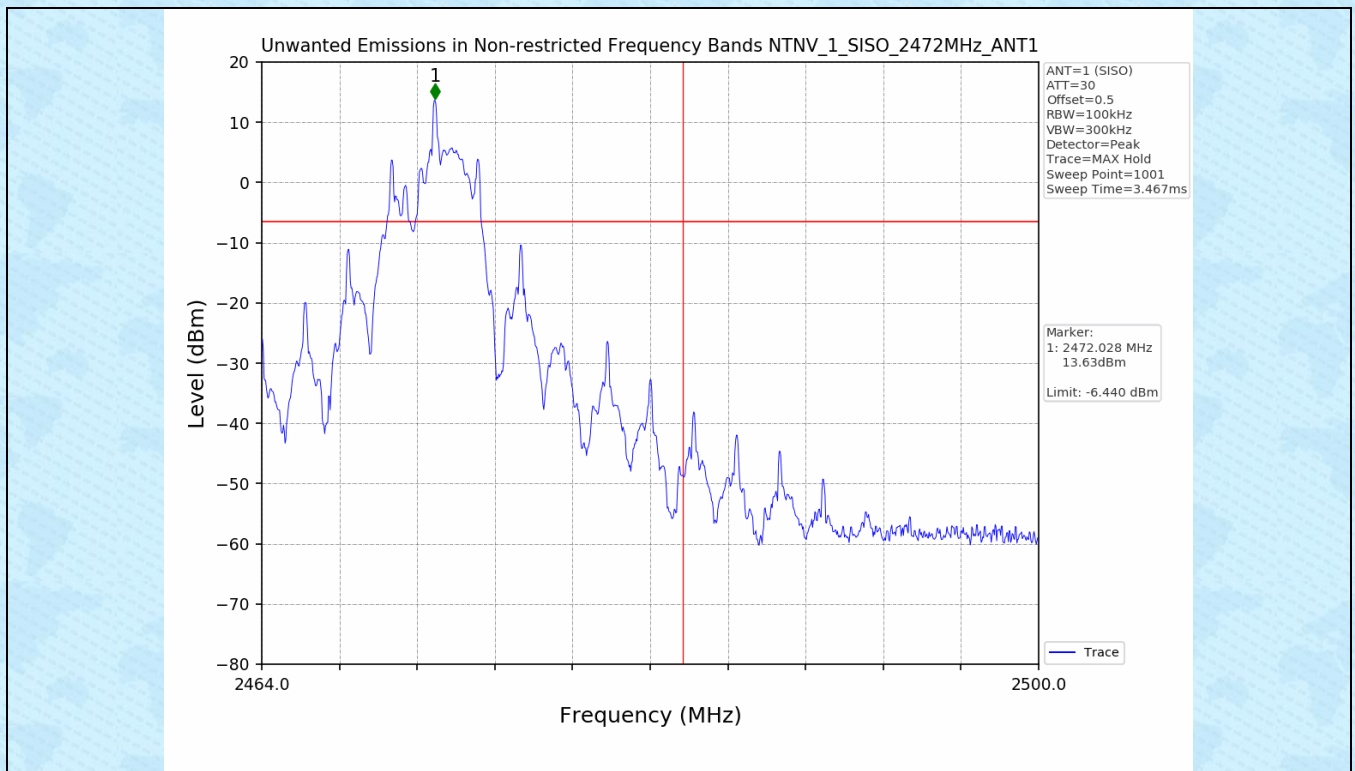
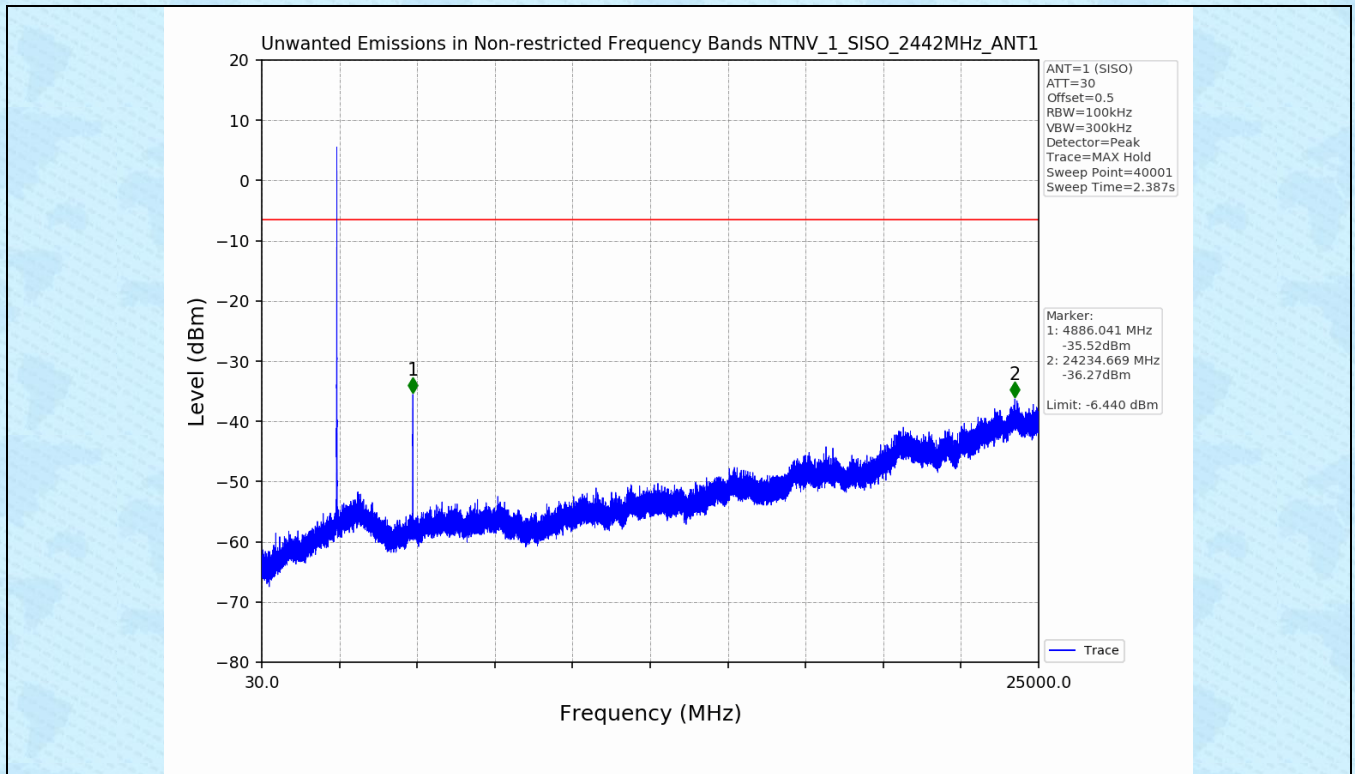
6.1 Test Result

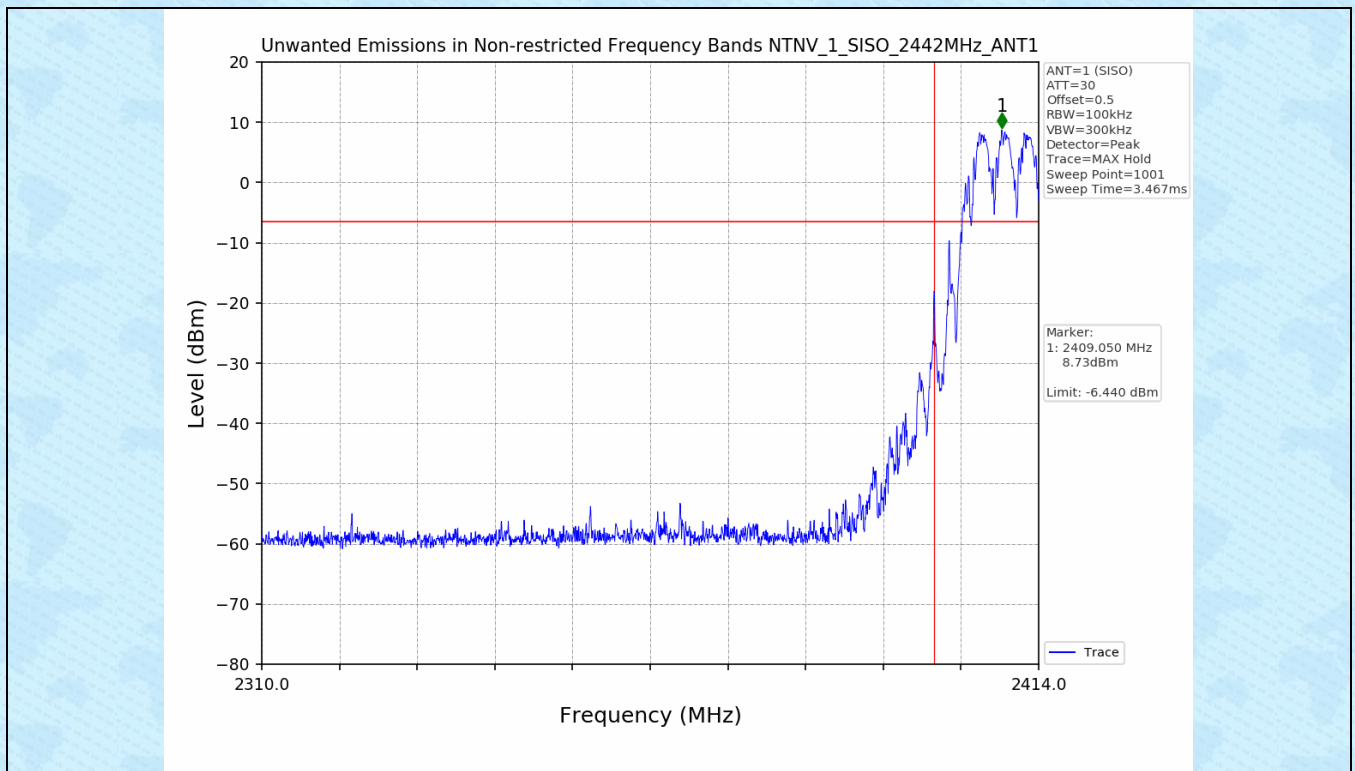
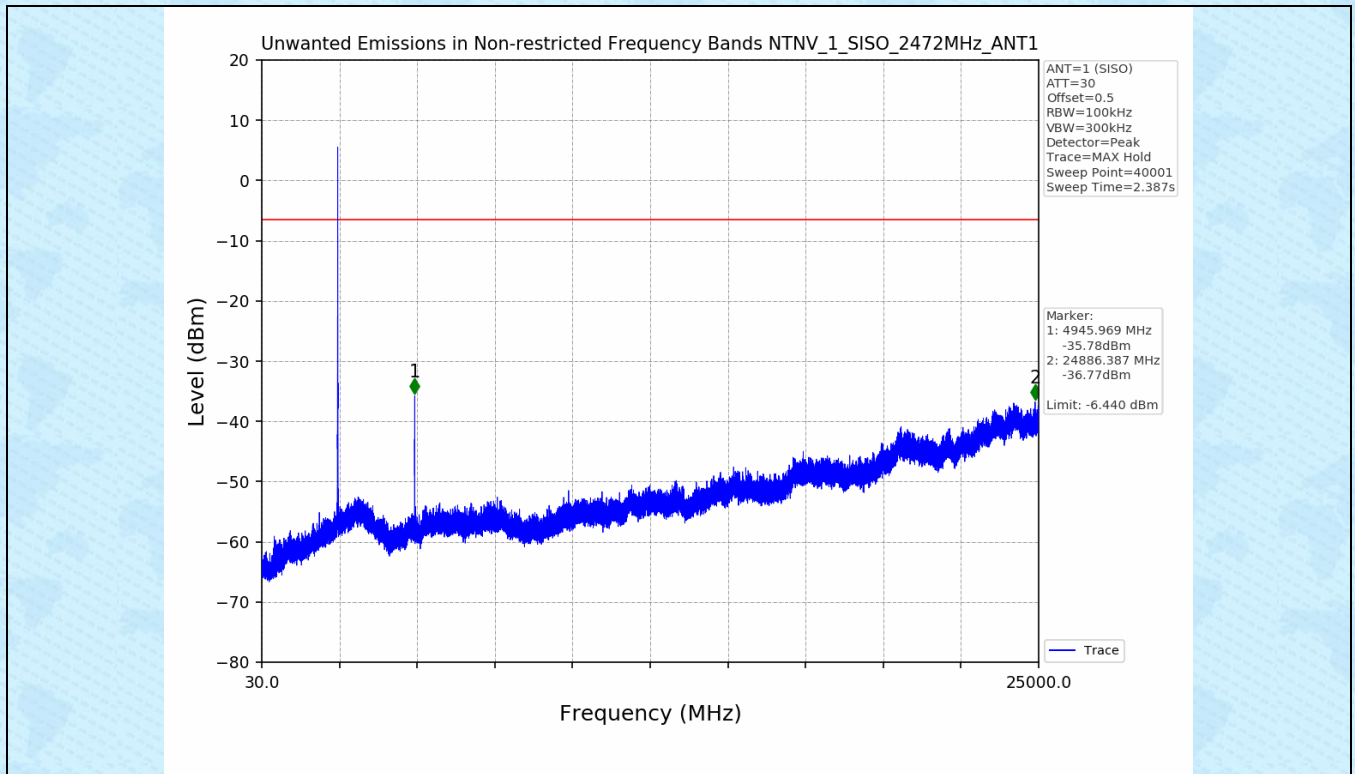
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
FHSS	2406	SISO	ANT1	Refer to test graph	-6.44	PASS
	2442	SISO	ANT1	Refer to test graph	-6.44	PASS
	2472	SISO	ANT1	Refer to test graph	-6.44	PASS
	Hopping	SISO	ANT1	Refer to test graph	-6.44	PASS

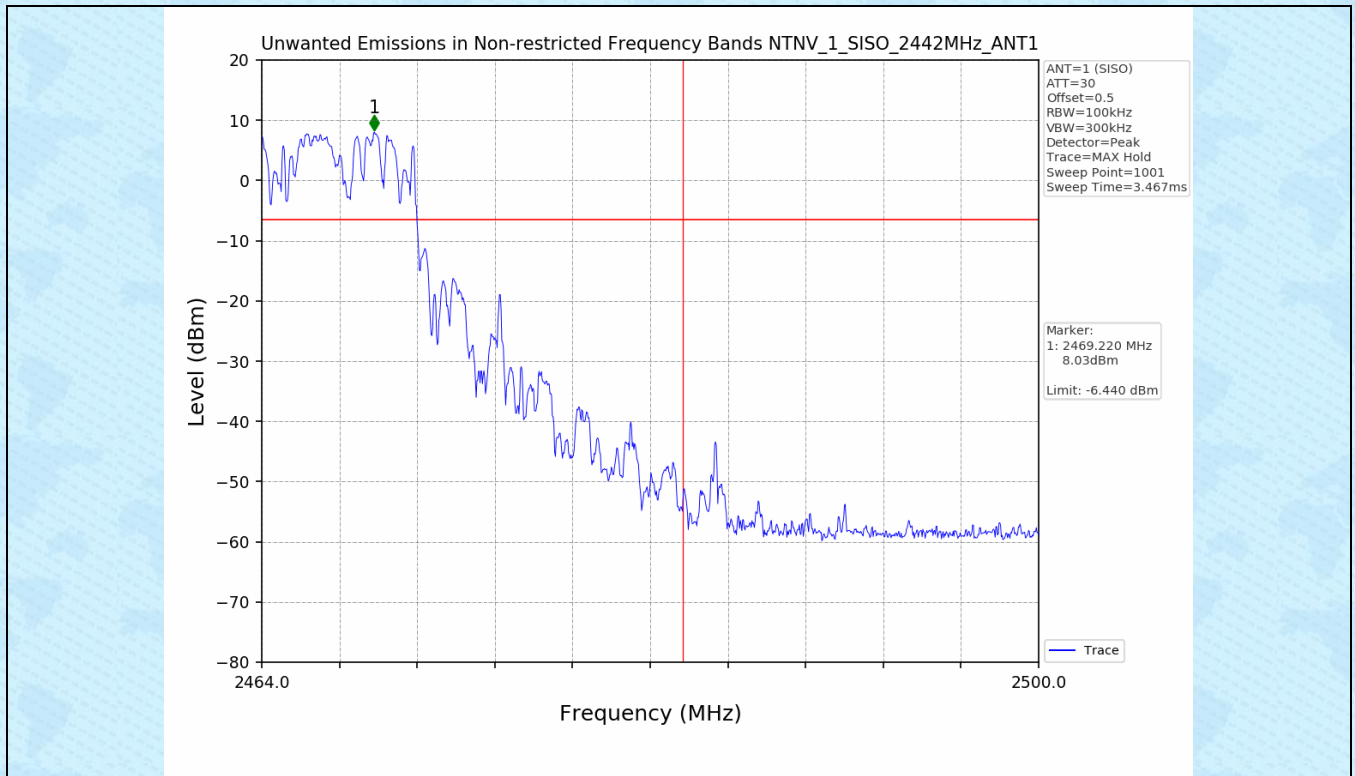
6.2 Test Graph











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