

Appendix for 15.247

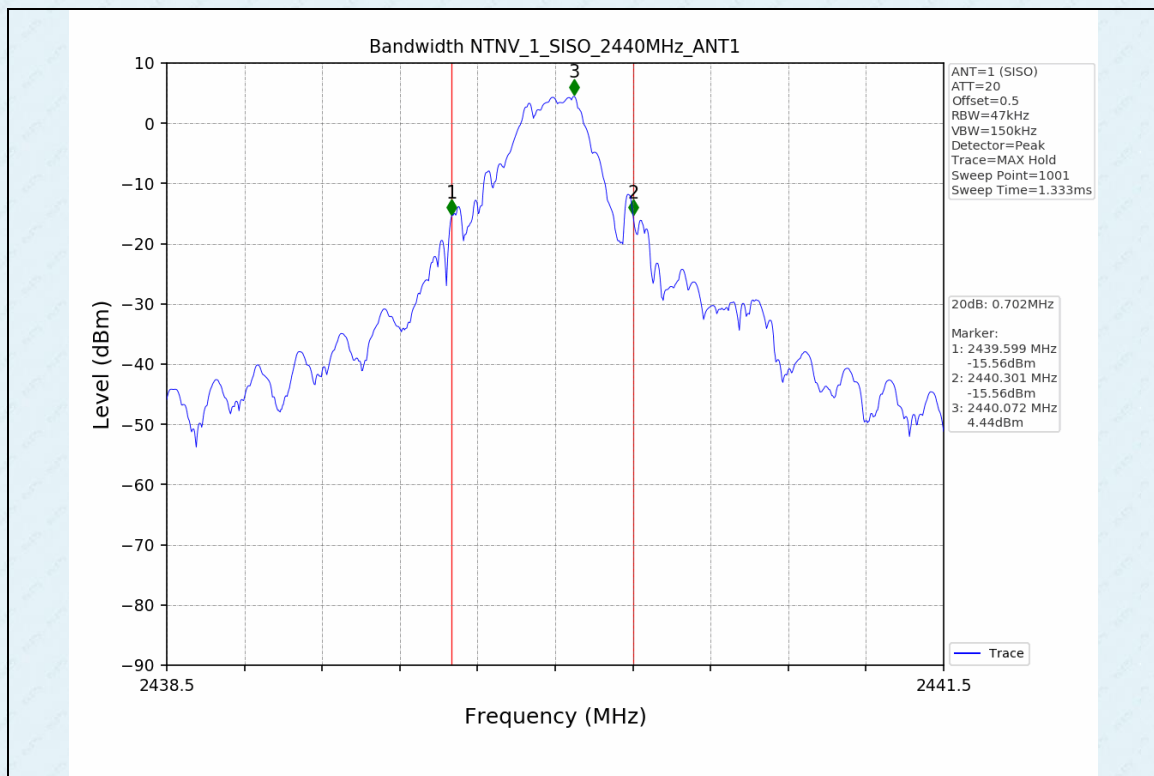
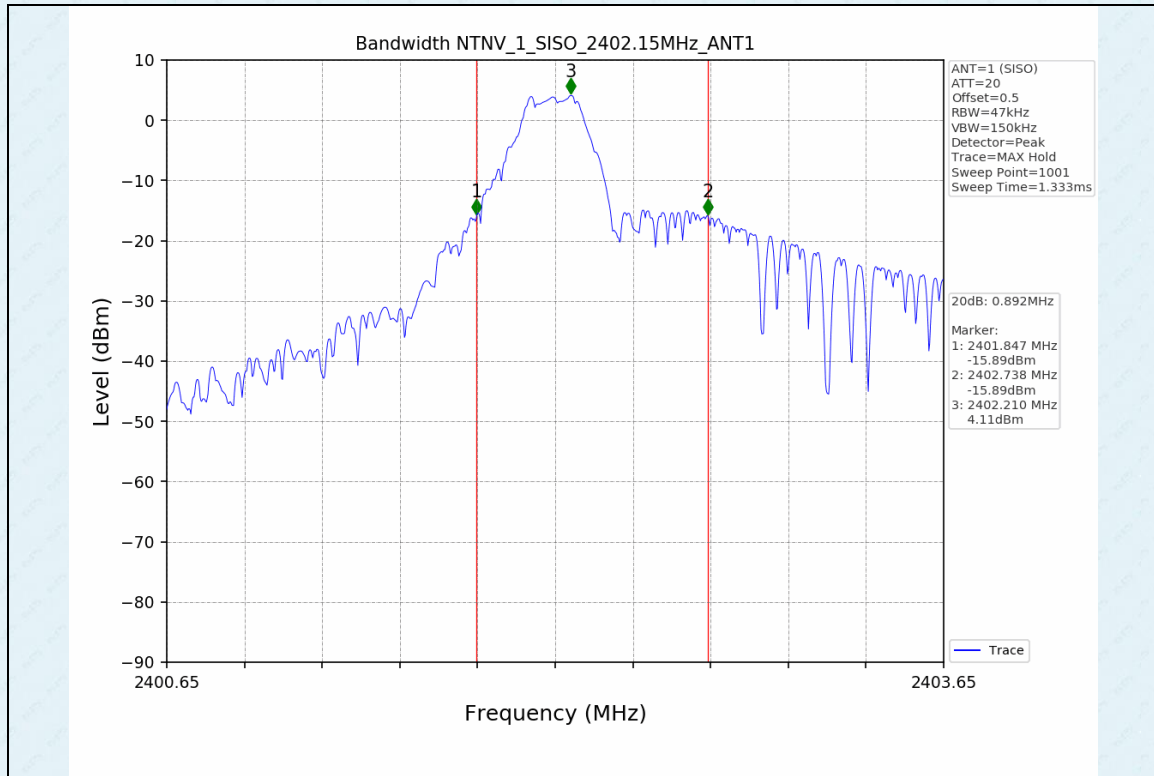
1. Bandwidth

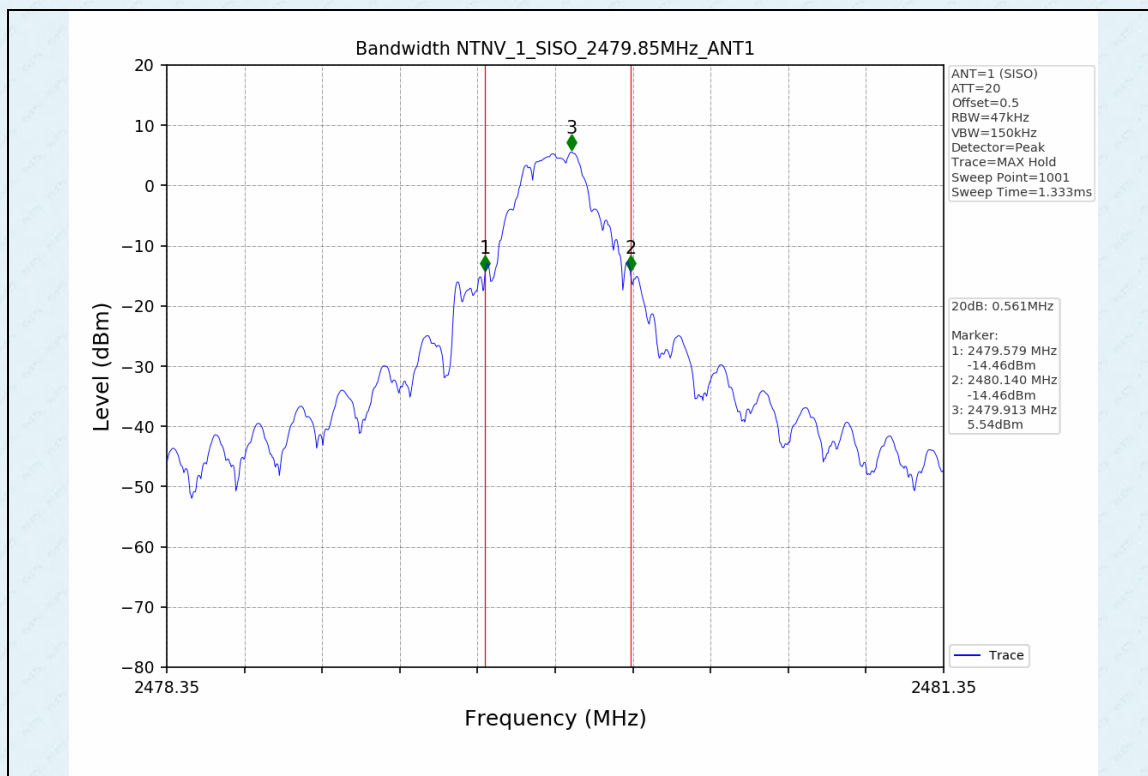
1.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	20dB Bandwidth	Verdict
				Test Result (MHz)	
GMSK	2402.15	SISO	1	0.892	PASS
	2440	SISO	1	0.702	PASS
	2479.85	SISO	1	0.561	PASS

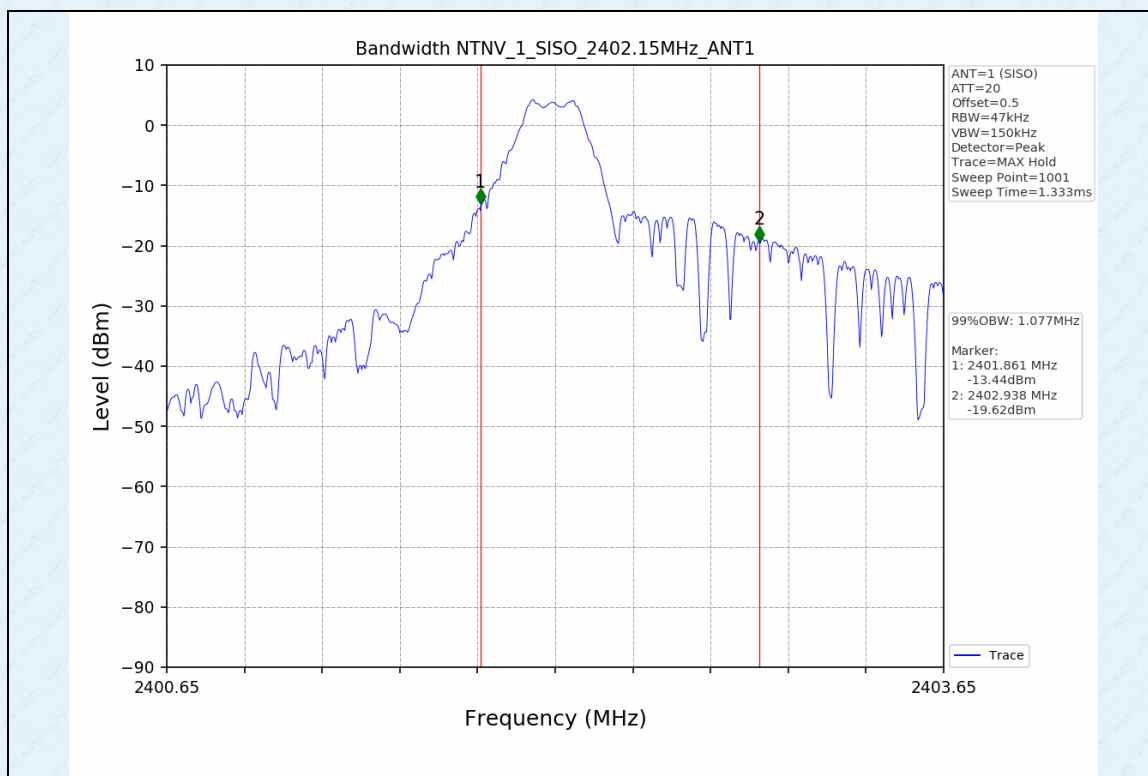
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
GMSK	2402.15	SISO	1	1.077	Only for Report Use
	2440	SISO	1	0.633	Only for Report Use
	2479.85	SISO	1	0.562	Only for Report Use

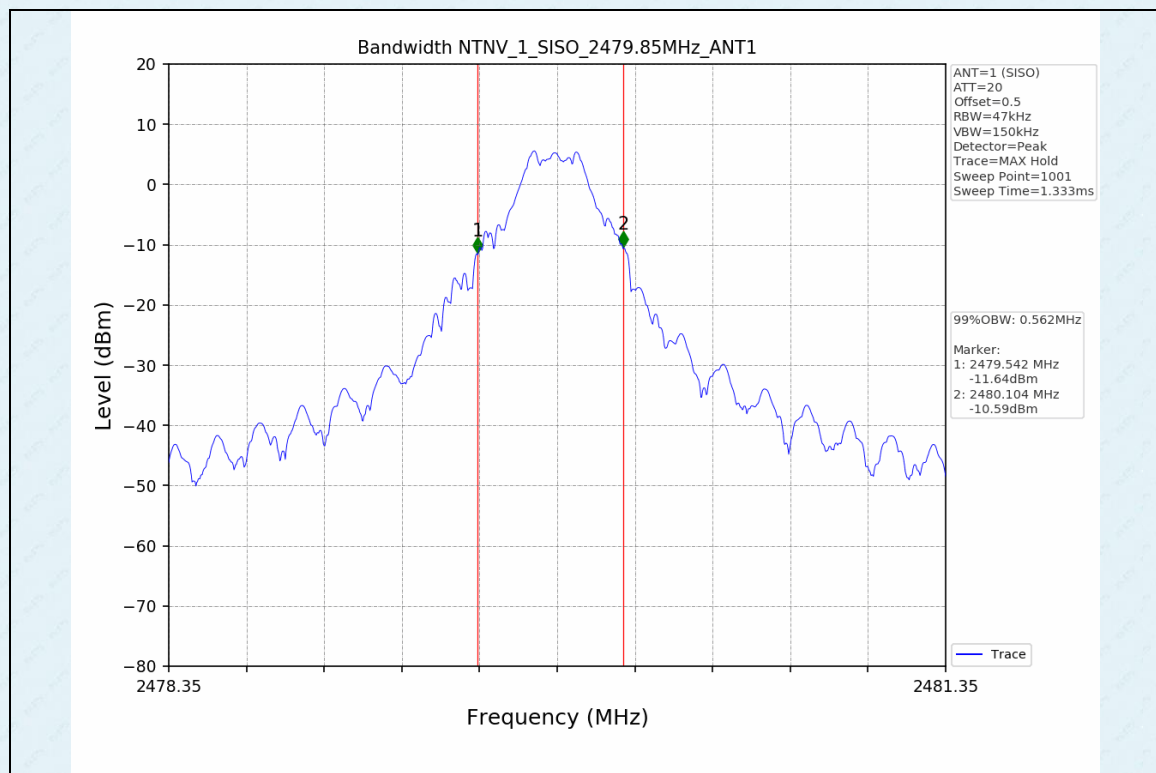
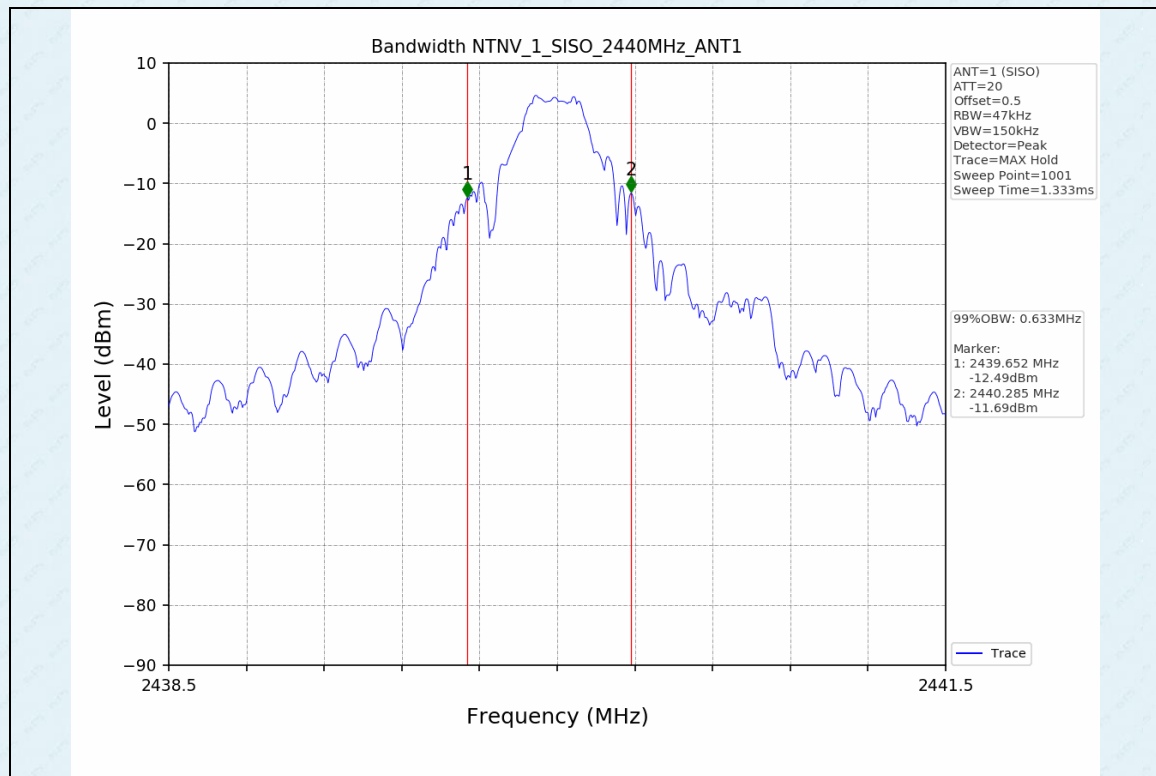
1.2 Test Graph - 20dB Bandwidth





1.3 Test Graph - 99% Occupied Bandwidth



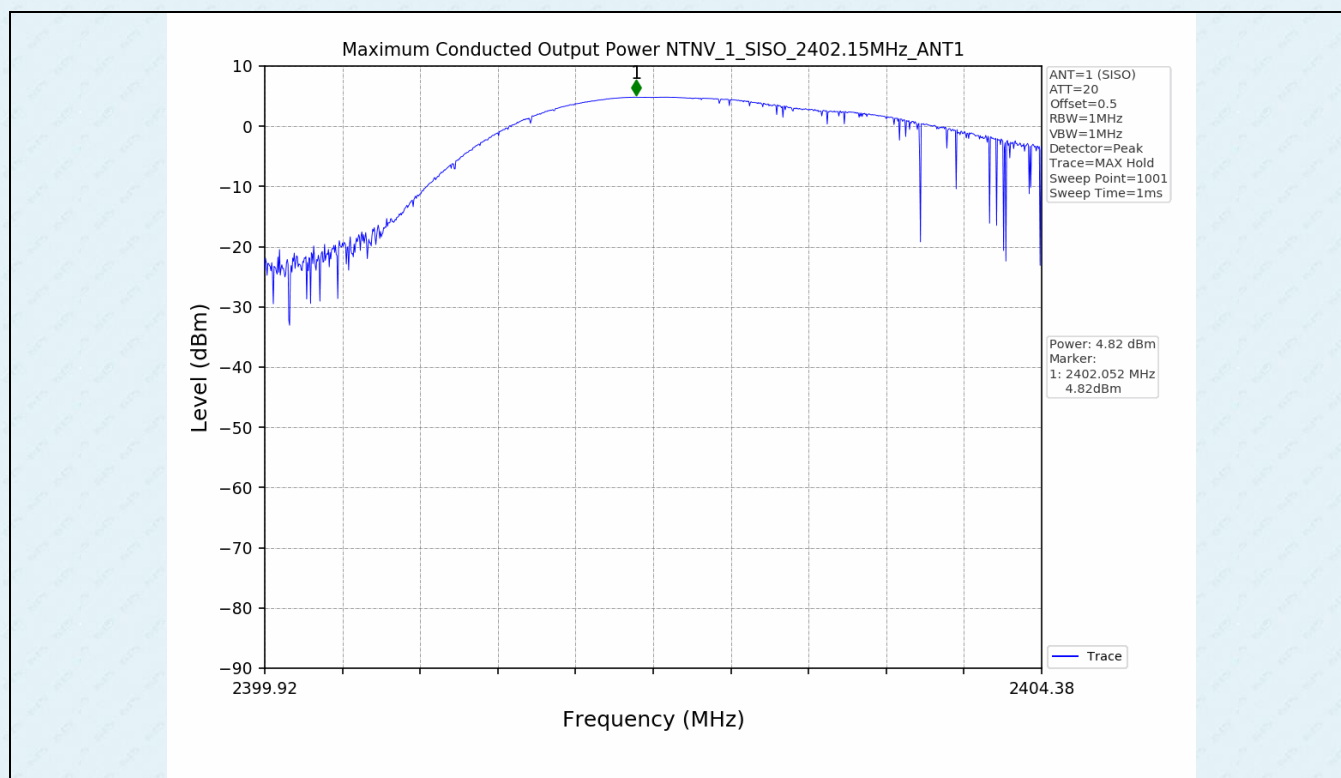


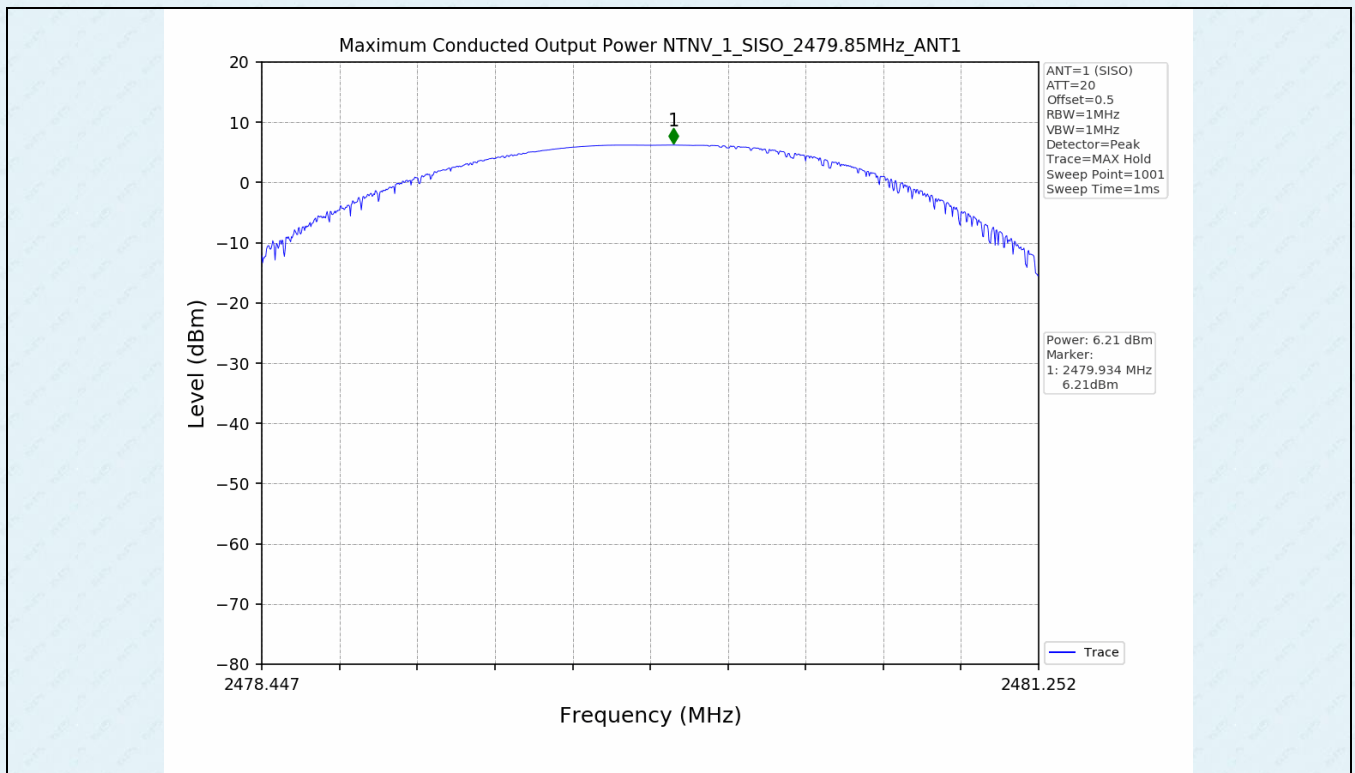
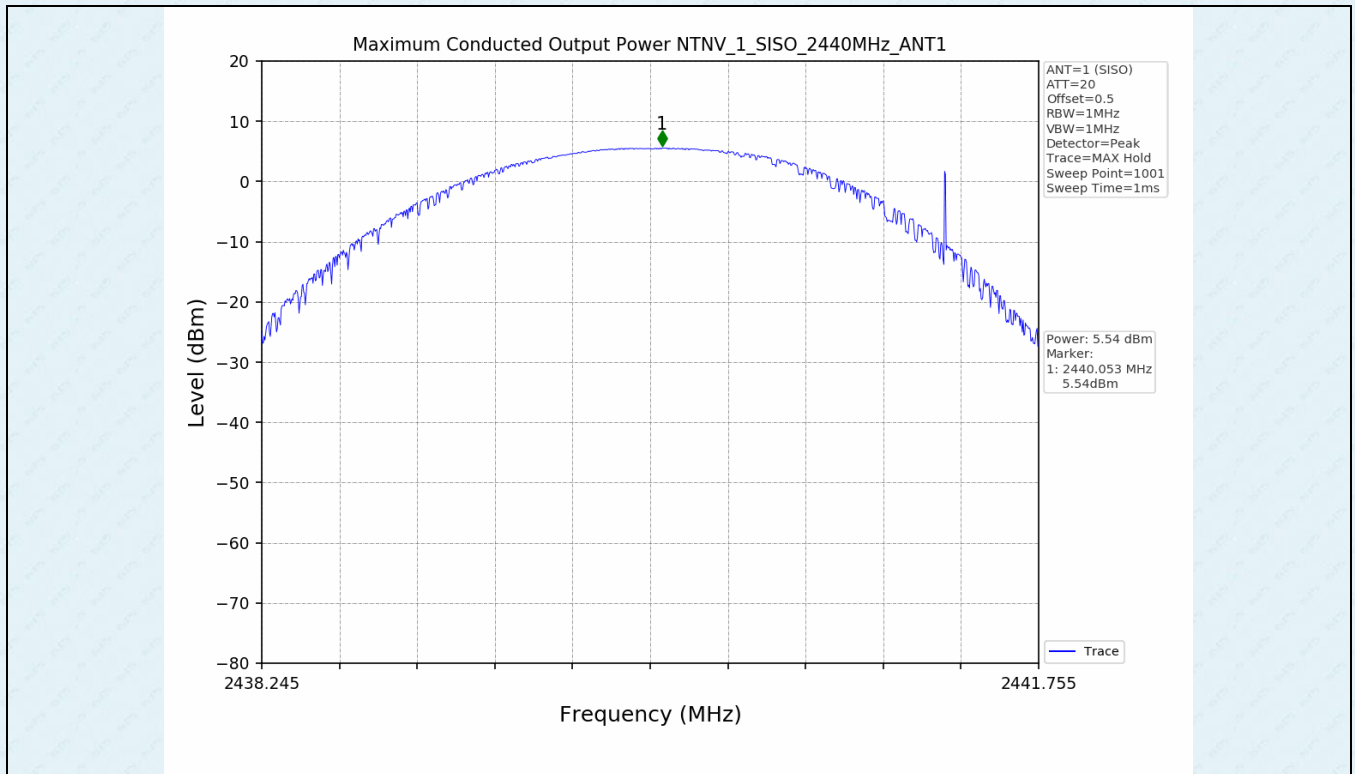
2. Maximum Conducted Output Power

2.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
GMSK	2402.15	SISO	4.82	20.97	PASS
	2440	SISO	5.54	20.97	PASS
	2479.85	SISO	6.21	20.97	PASS

2.2 Test Graph



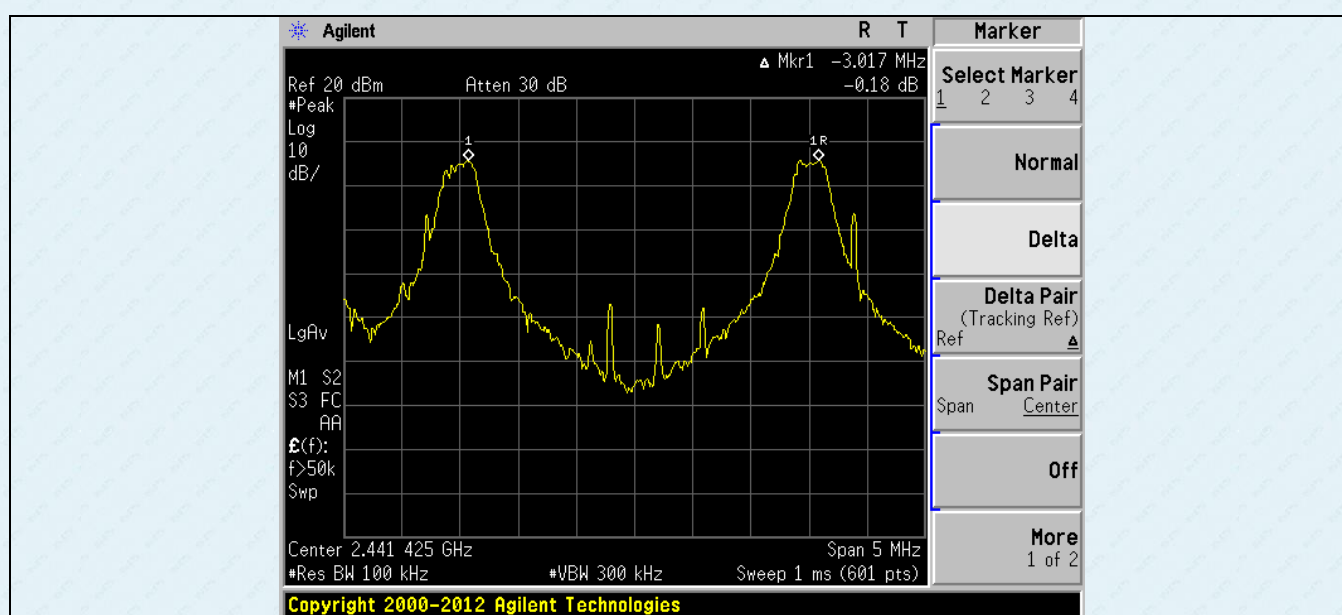
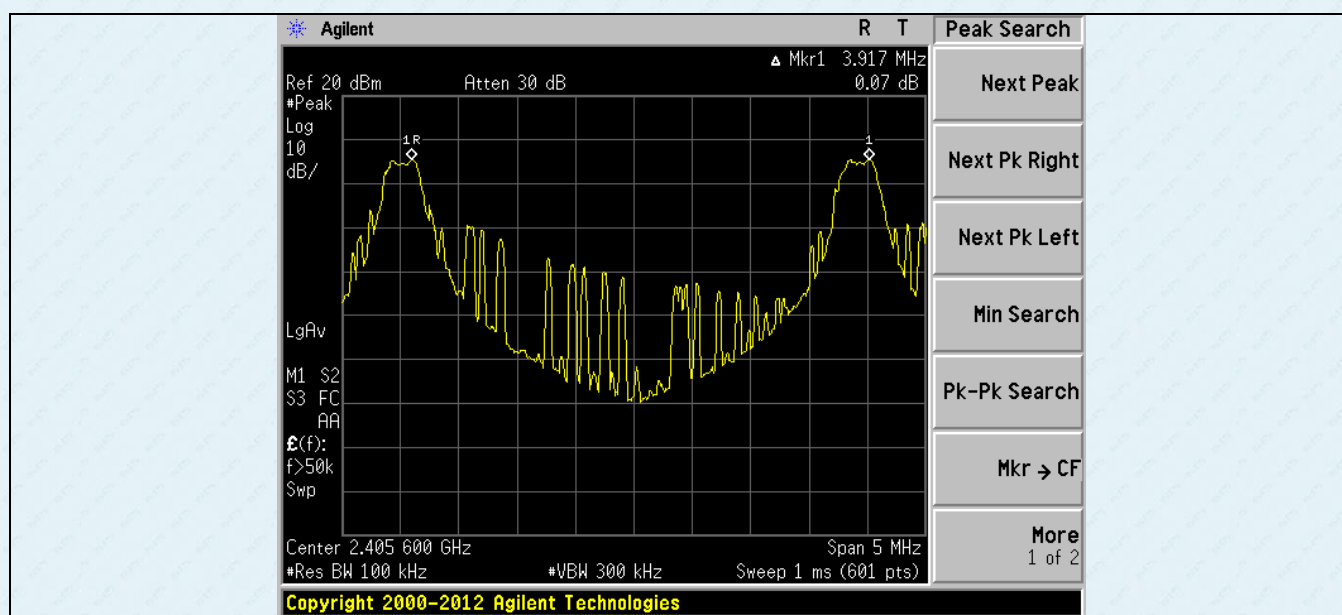


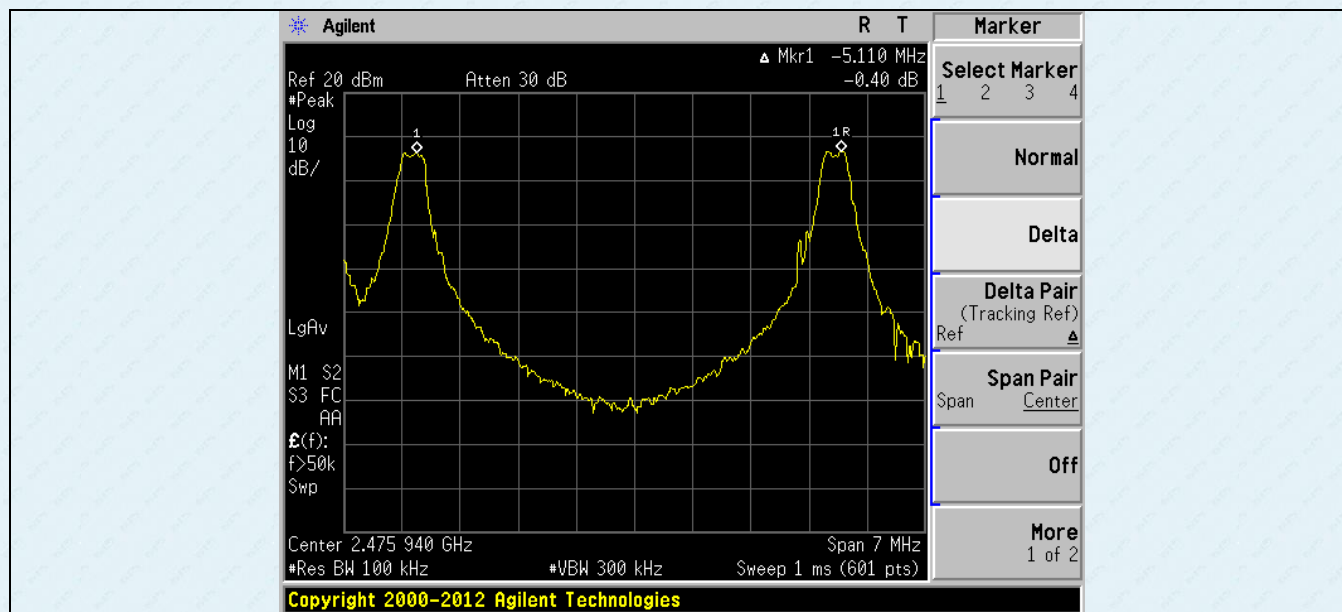
3. Carrier frequency separation

3.1 Test Result

ANT No.	Test channel	Carrier Frequencies Separation (kHz)	Limit (kHz)	Result
GMSK	Lowest	3917	892	Pass
	Middle	3017	702	Pass
	Highest	5110	561	Pass

3.2 Test Graph



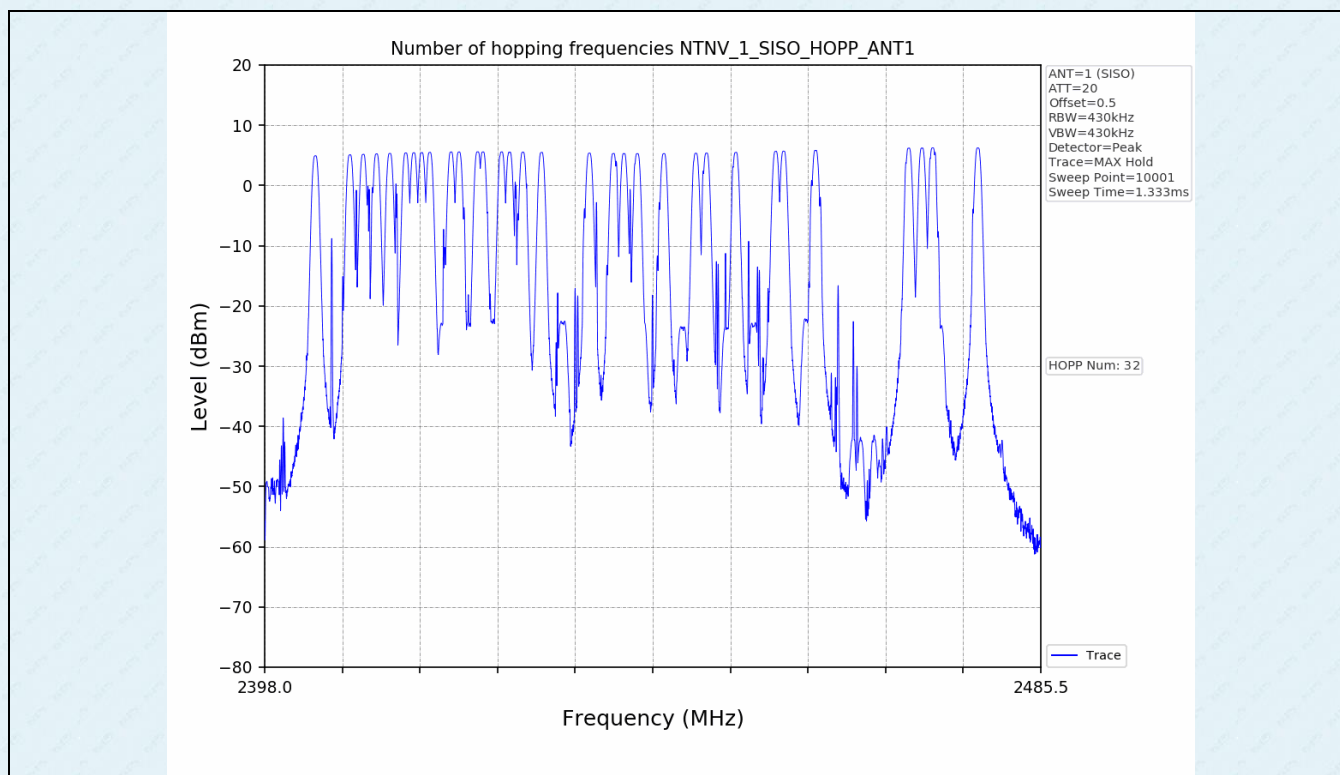


4. Number of hopping frequencies

4.1 Test Result

Test Mode	TX Type	ANT No.	Num of Hopping Frequencies	Limits	Verdict
GMSK	SISO	1	32	≥15	PASS

4.2 Test Graph



5. Time of Occupancy (Dwell Time)

5.1 Test Result

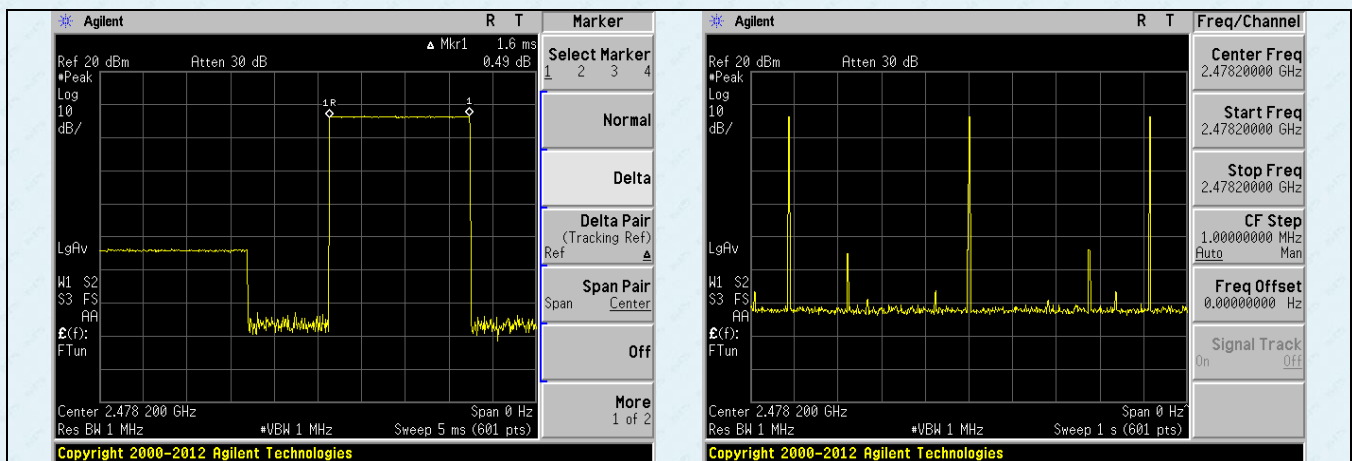
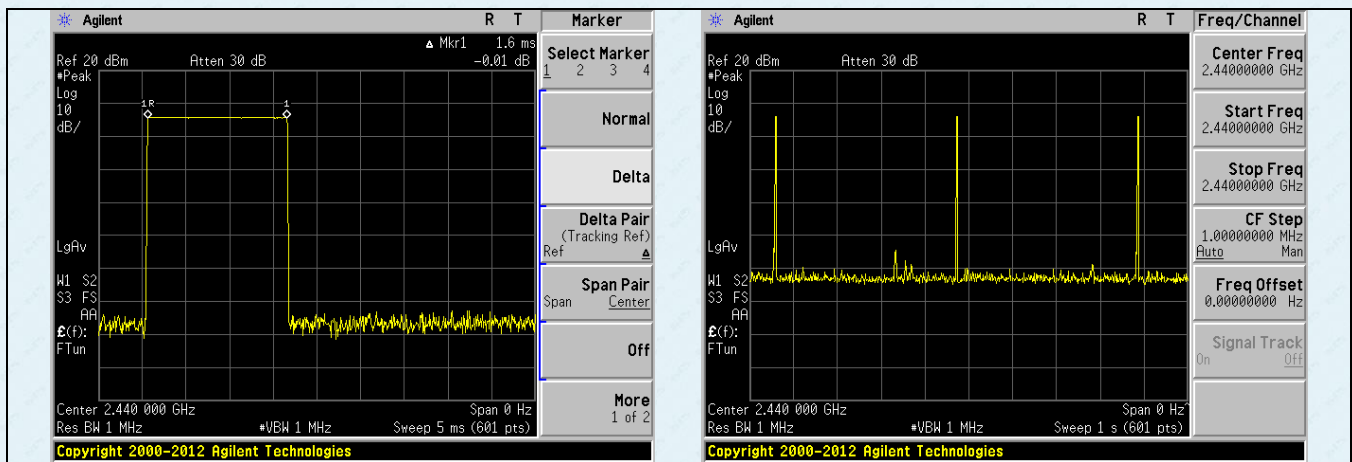
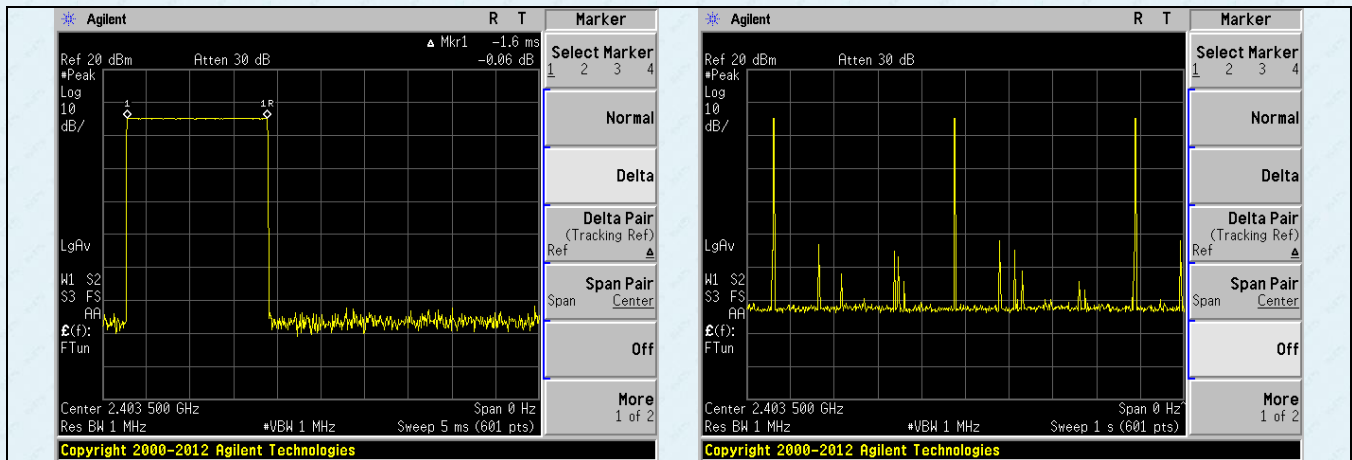
ANT No.	Test channel	Ton (ms)	Dwell time(ms)	Limit(ms)	Result
1	Lowest	1.6	61.44	400	Pass
	Middle	1.6	61.44	400	Pass
	Highest	1.6	61.44	400	Pass

Lowest: Dwell time = Ton * Ton times in 1s * 0.4s * channel numbers=1.6ms*3*0.4*32=61.44ms

Middle: Dwell time = Ton * Ton times in 1s * 0.4s * channel numbers=1.6ms*3*0.4*32=61.44ms

Highest: Dwell time = Ton * Ton times in 1s * 0.4s * channel numbers=1.6ms*3*0.4*32=61.44ms

5.2 Test Graph

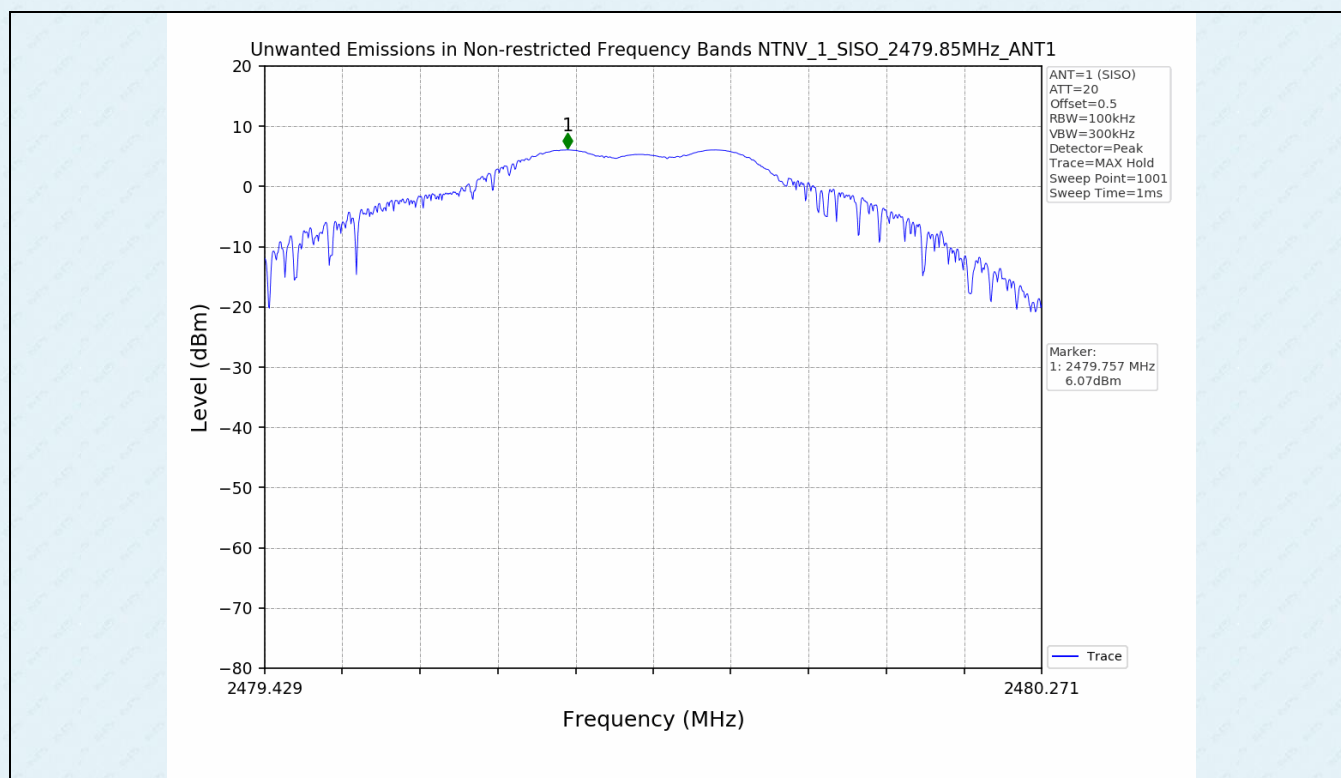


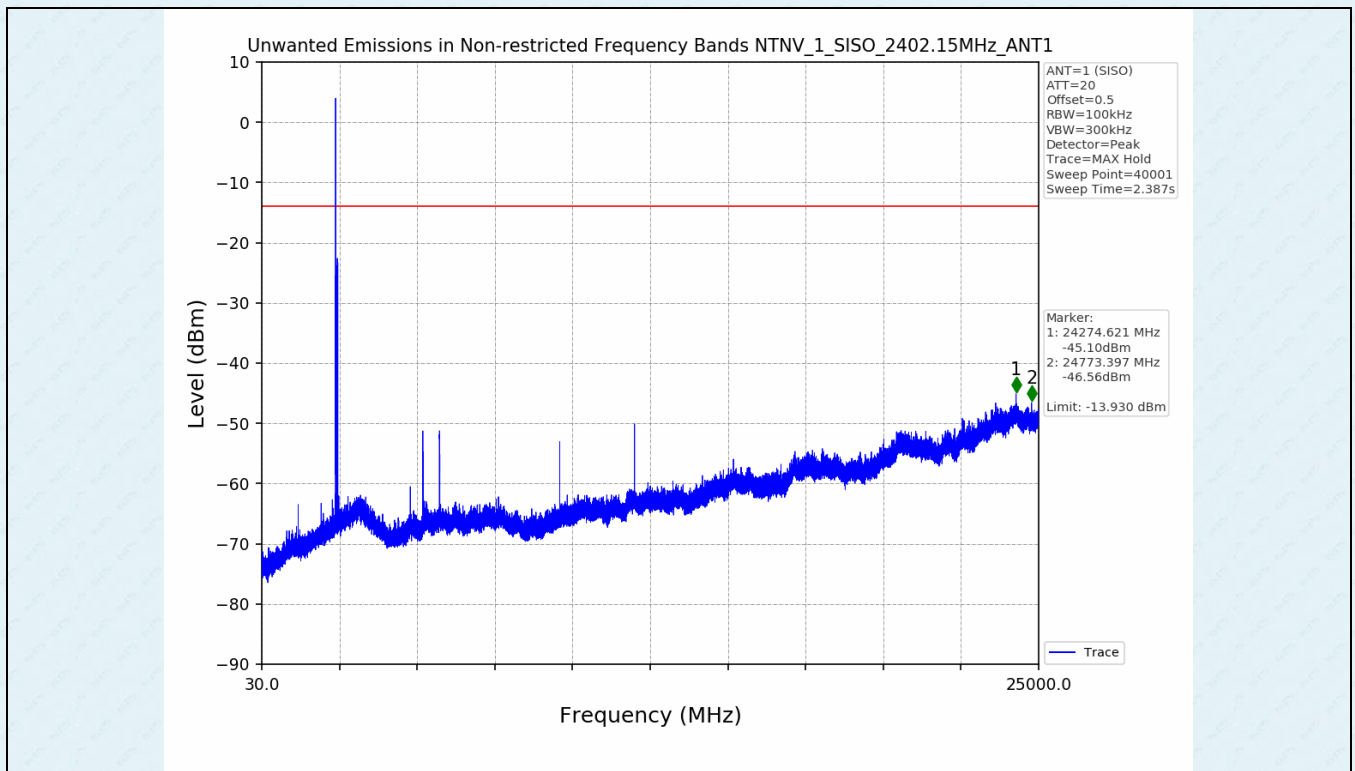
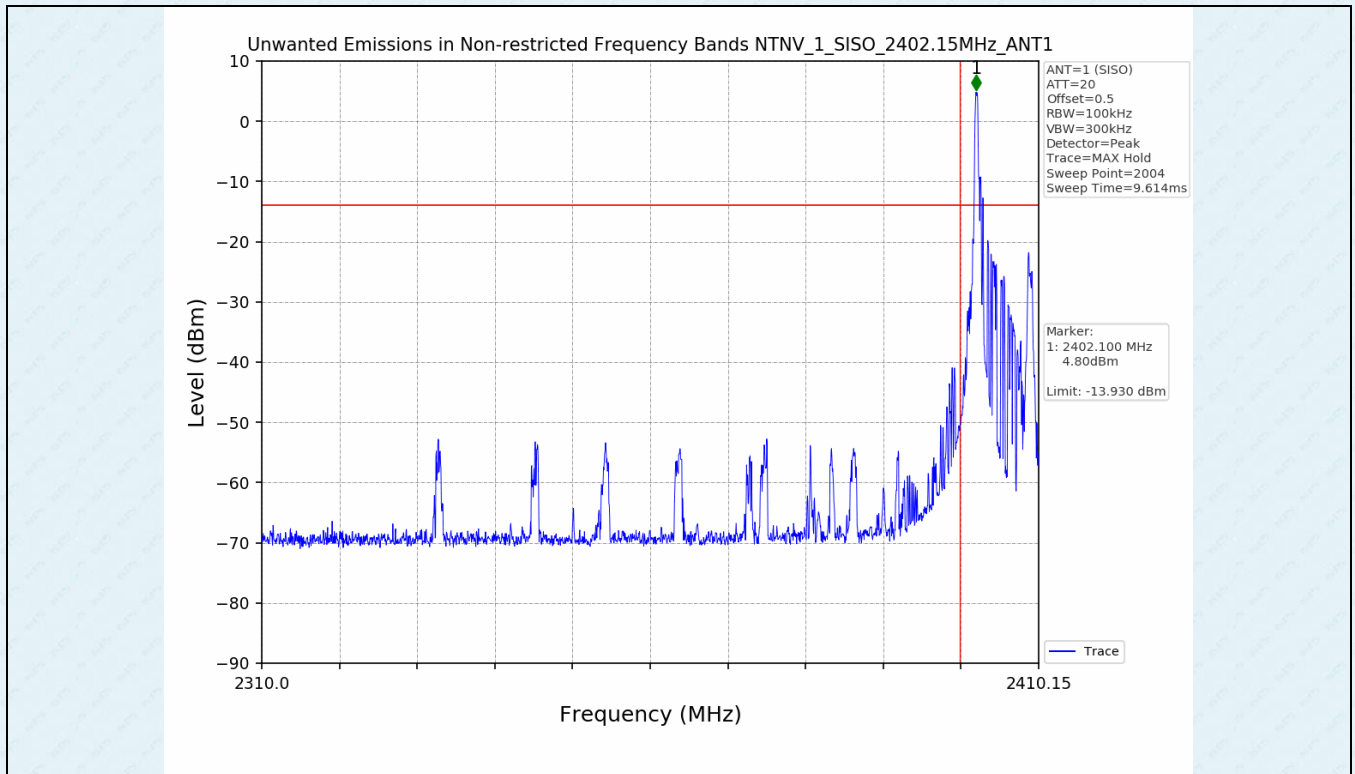
6. Unwanted Emissions in Non-restricted Frequency Bands

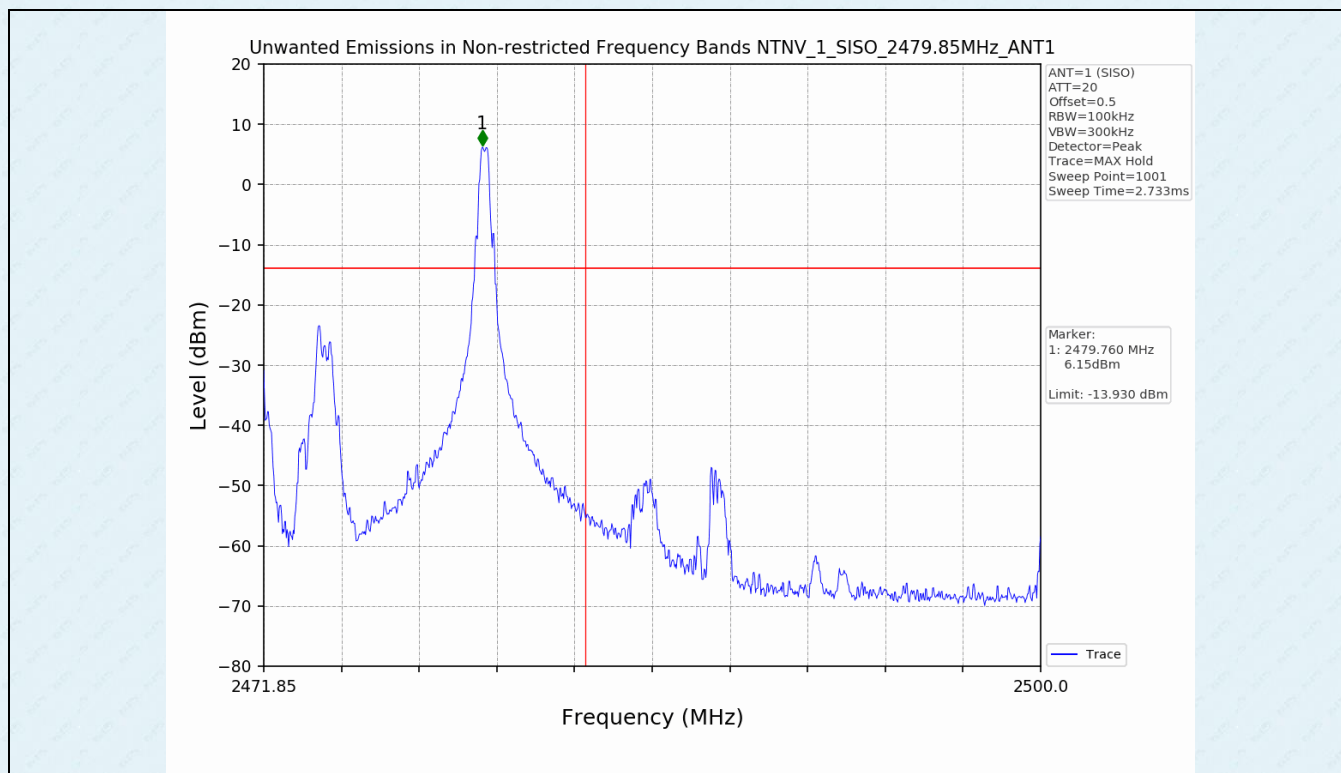
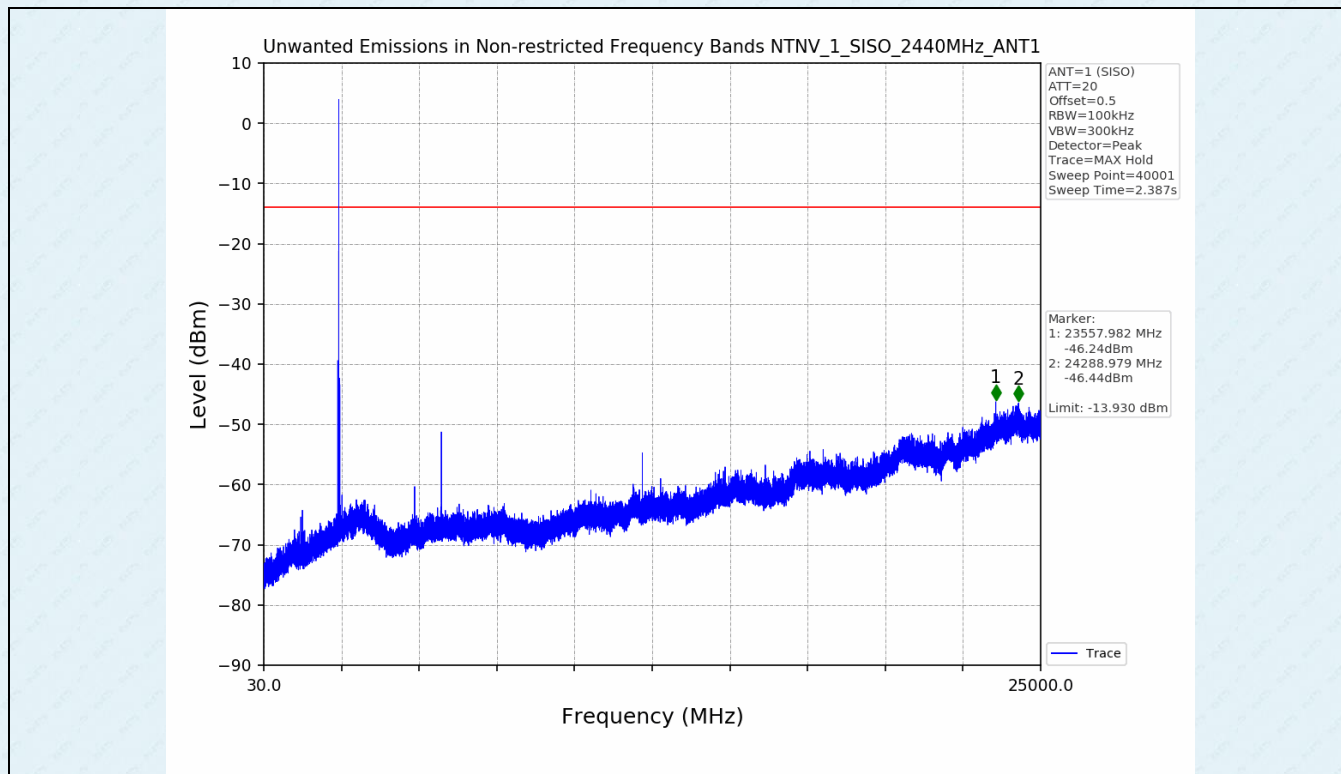
6.1 Test Result

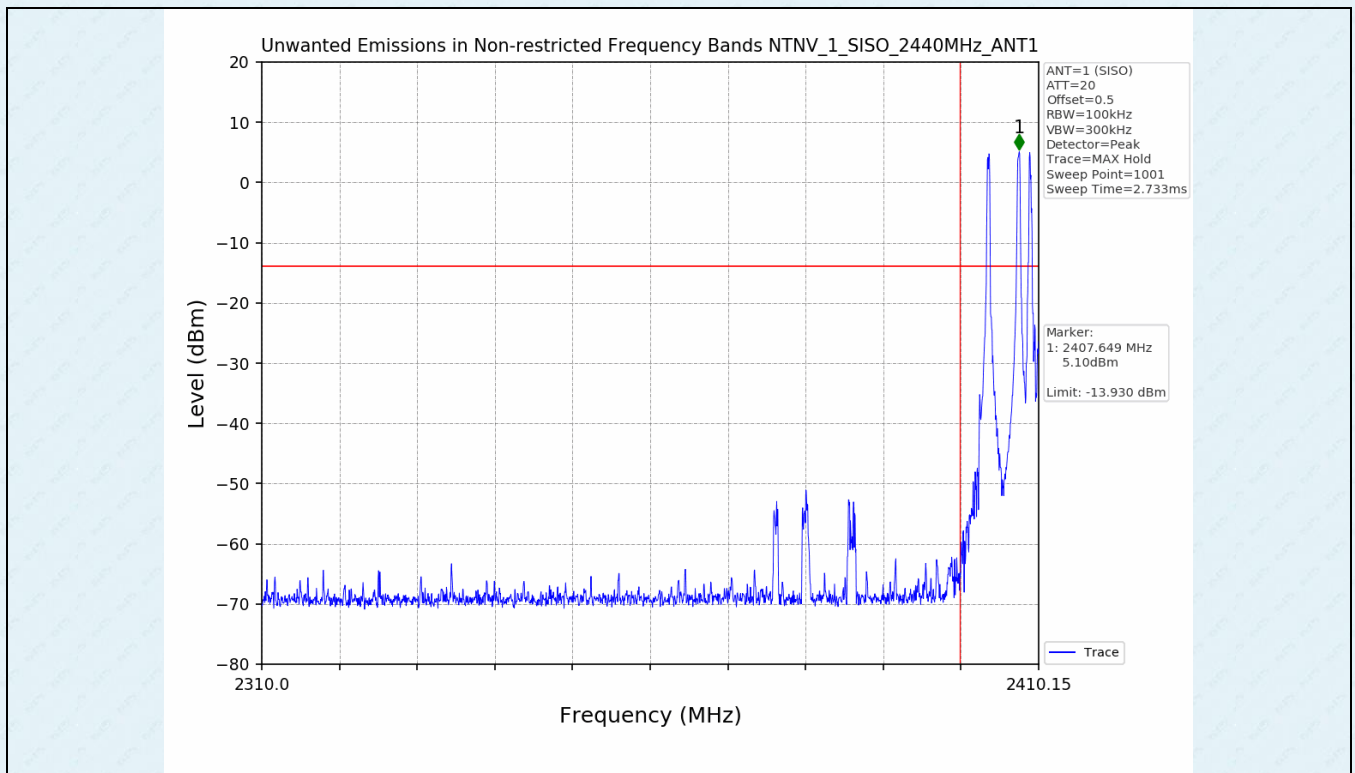
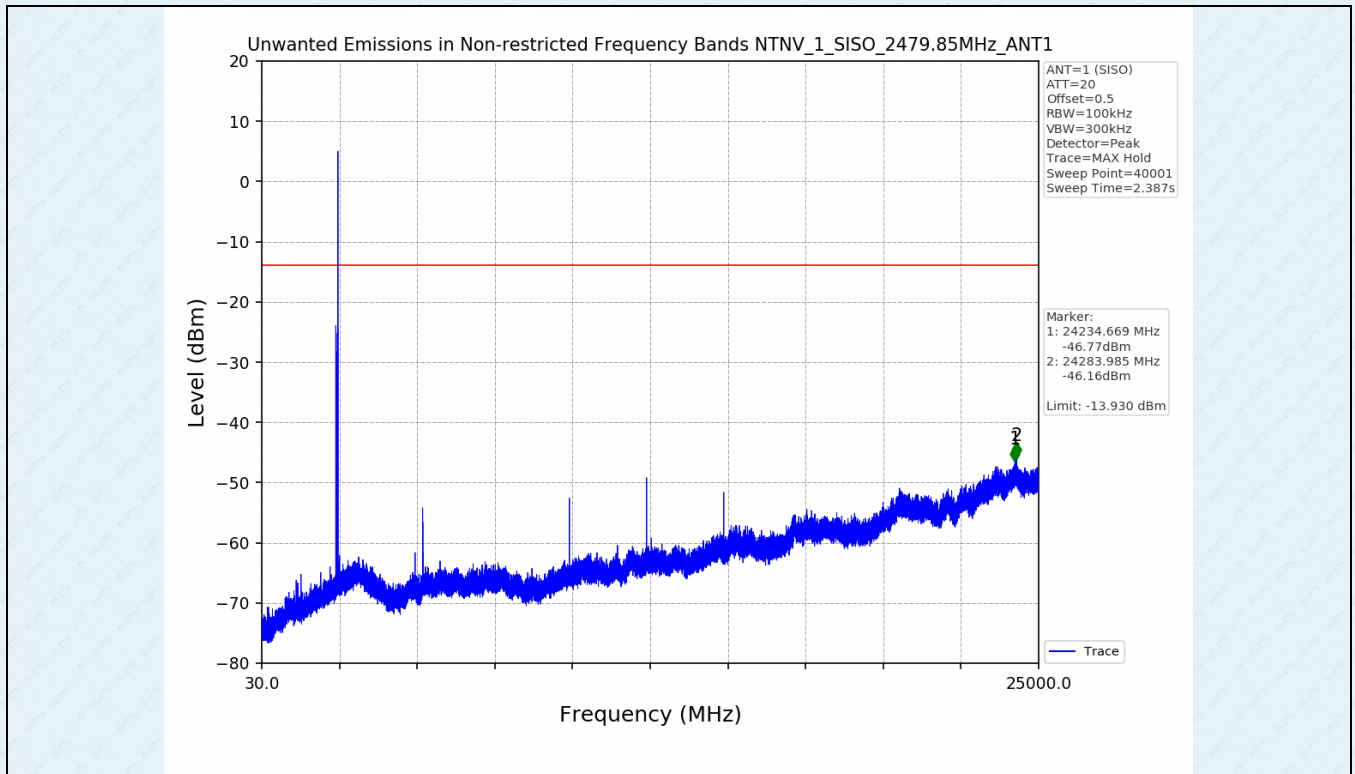
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
GMSK	2402.15	SISO	1	Refer to test graph	-13.93	PASS
	2440	SISO	1	Refer to test graph	-13.93	PASS
	2479.85	SISO	1	Refer to test graph	-13.93	PASS
	Hopping	SISO	1	Refer to test graph	-13.93	PASS

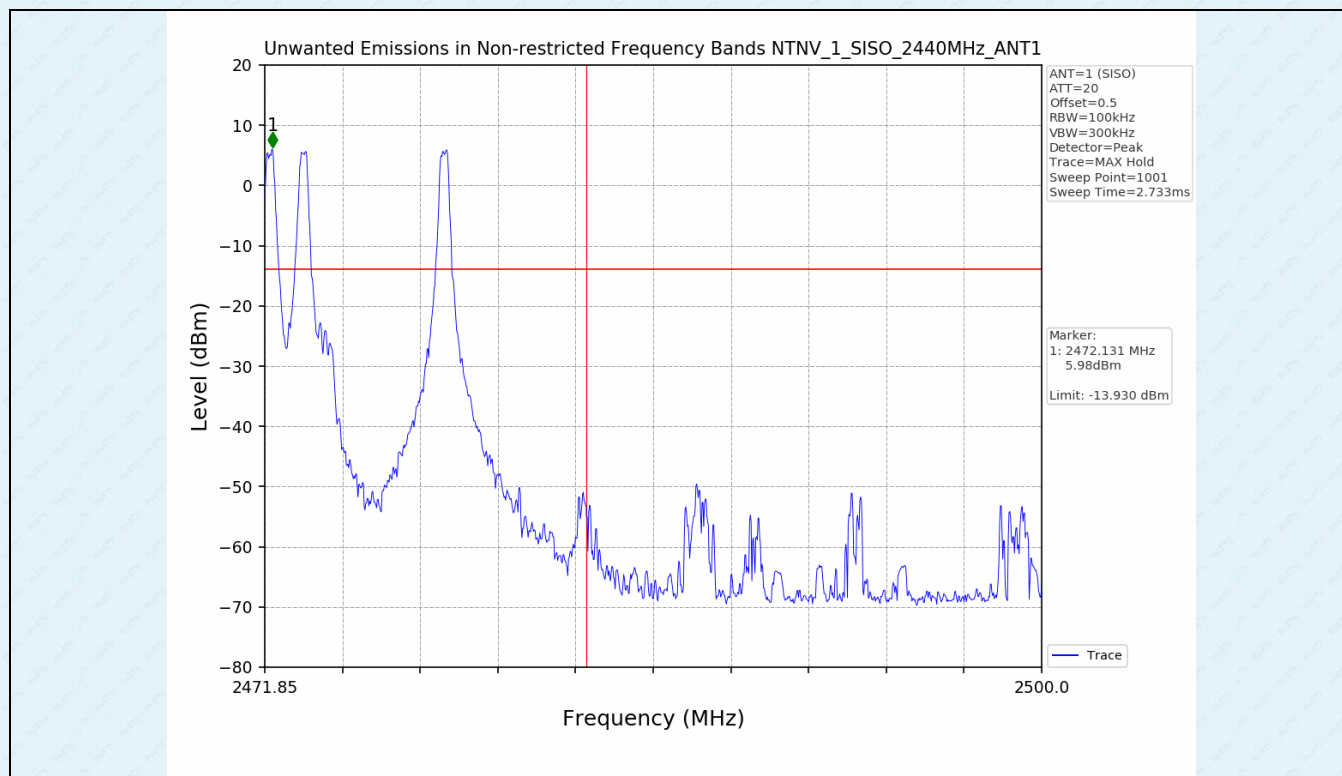
6.2 Test Graph











---End---