

## Appendix for 15.247

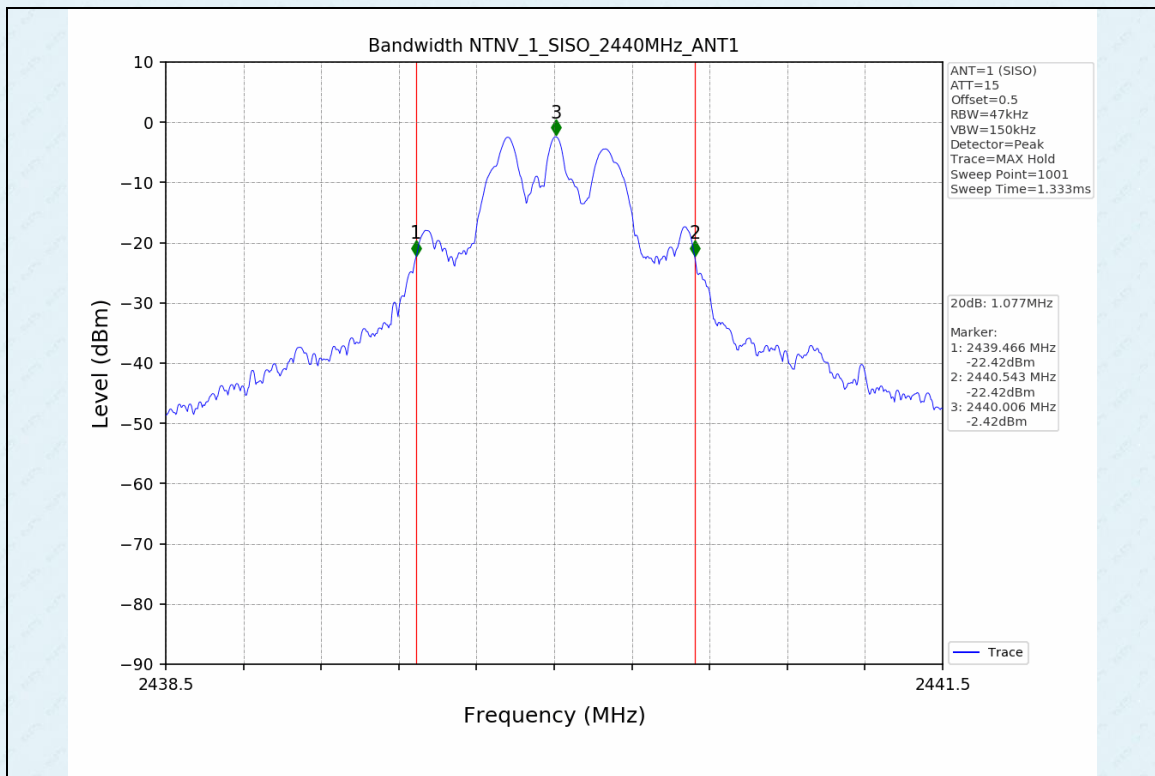
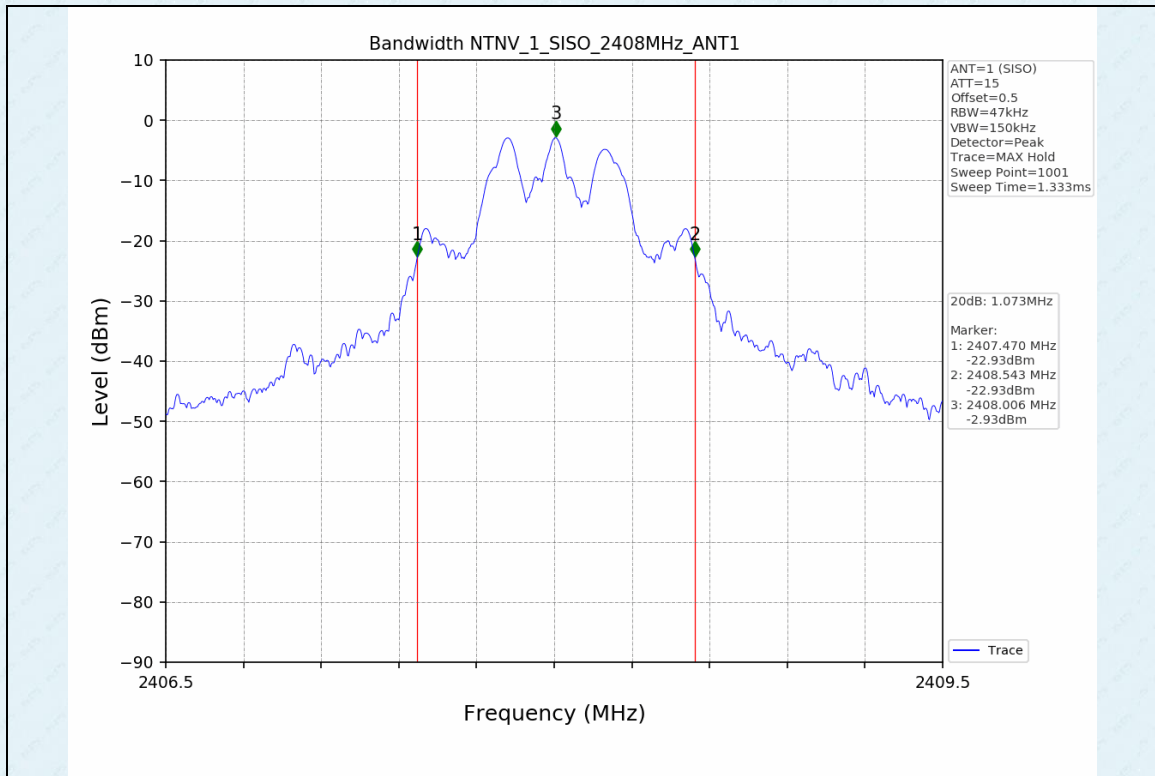
### 1. Bandwidth

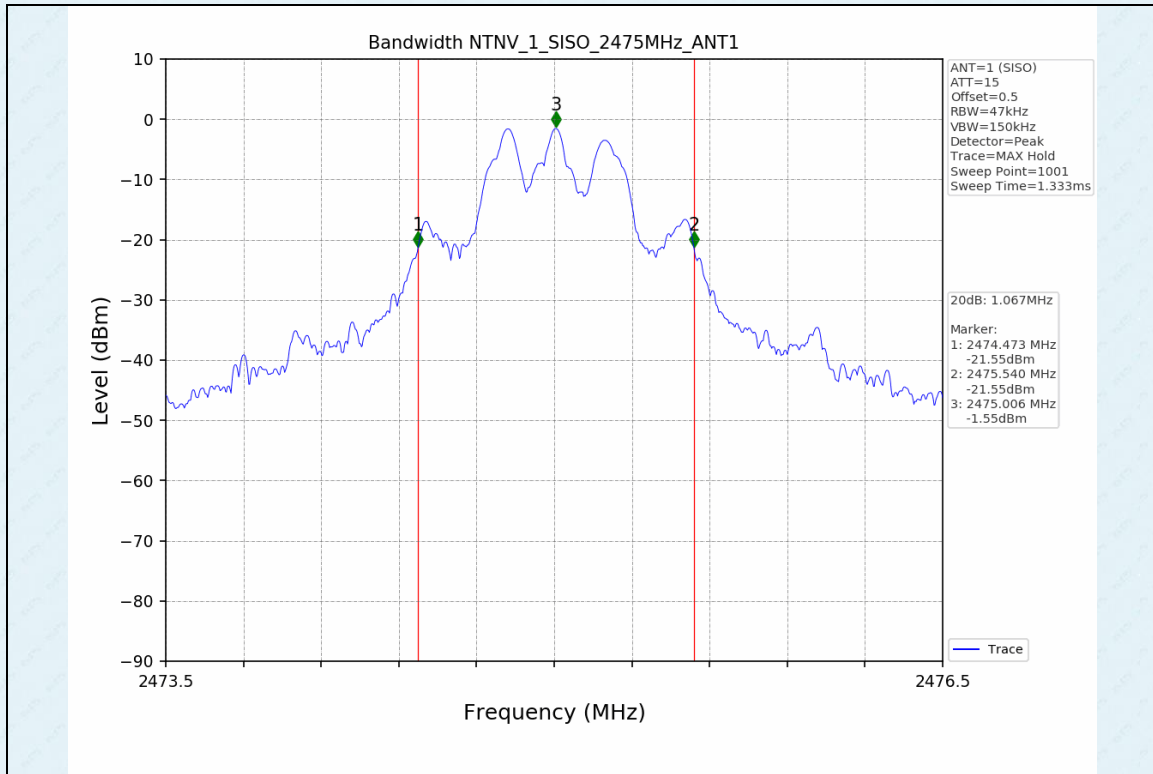
#### 1.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	20dB Bandwidth	Verdict
				Test Result (MHz)	
GFSK	2408	SISO	1	1.073	PASS
	2440	SISO	1	1.077	PASS
	2475	SISO	1	1.067	PASS

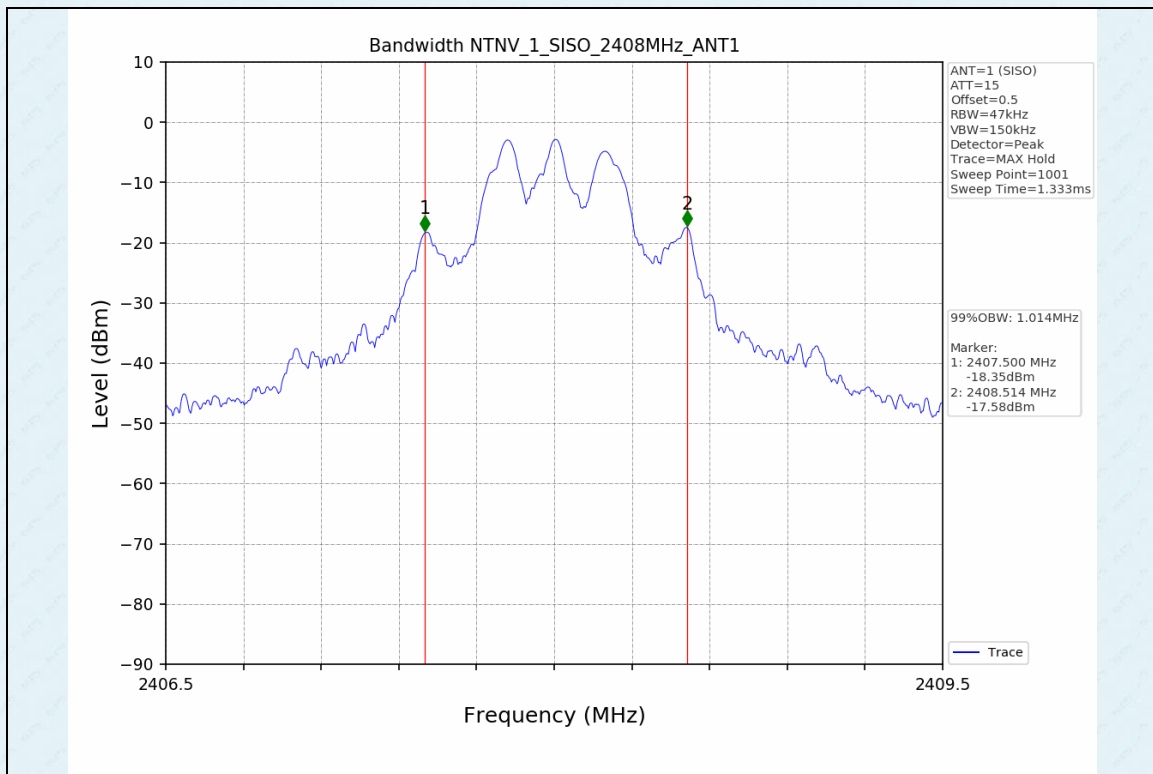
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
GFSK	2408	SISO	1	1.014	Only for Report Use
	2440	SISO	1	1.014	Only for Report Use
	2475	SISO	1	1.013	Only for Report Use

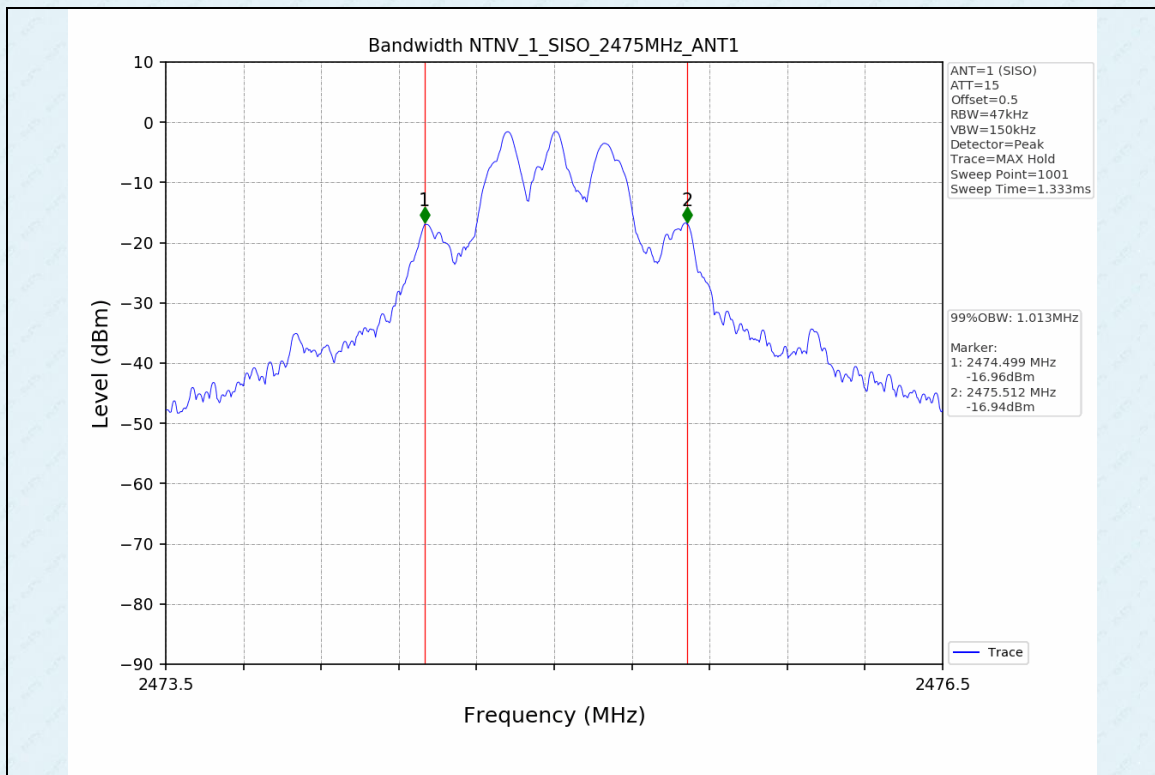
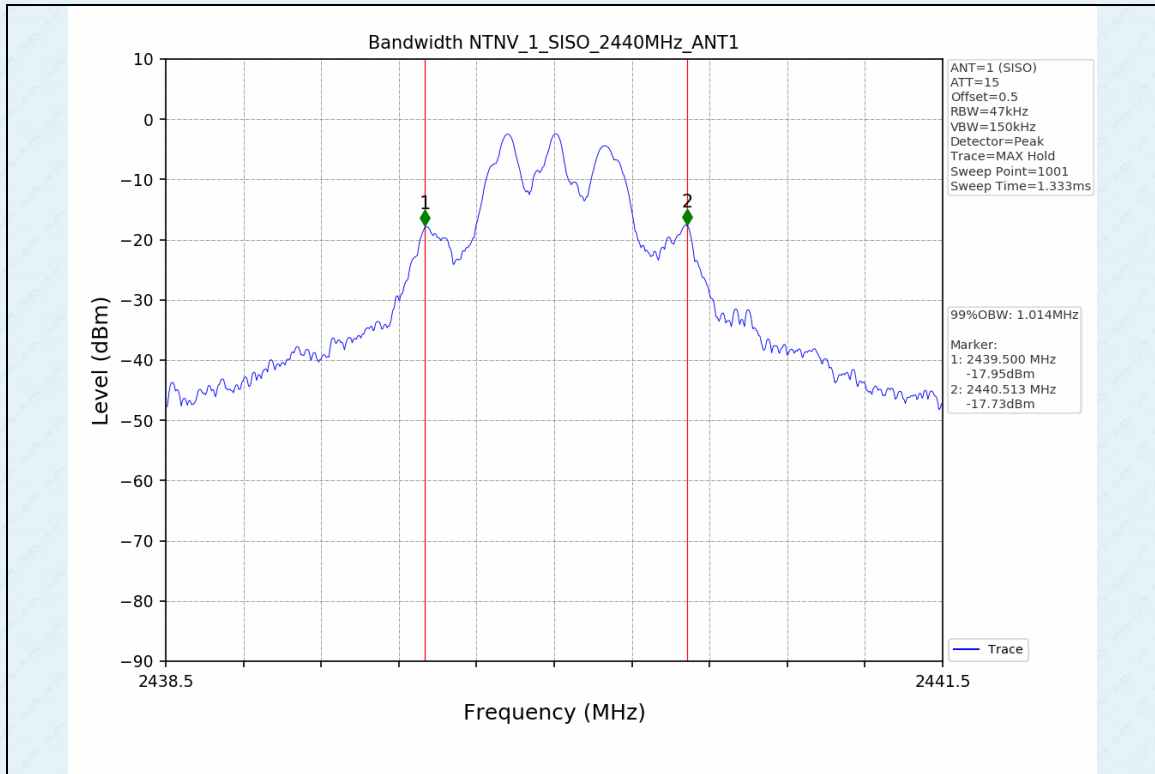
## 1.2 Test Graph - 20dB Bandwidth





### 1.3 Test Graph - 99% Occupied Bandwidth



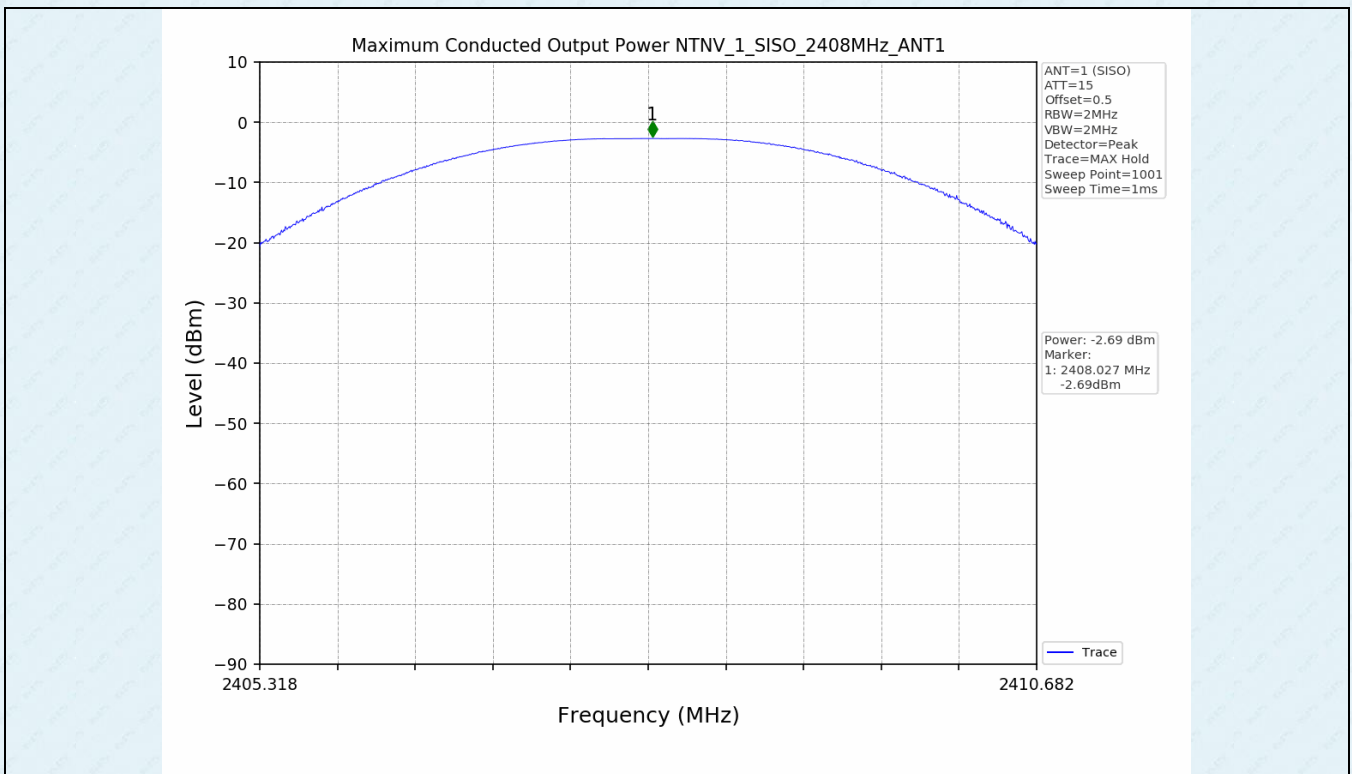


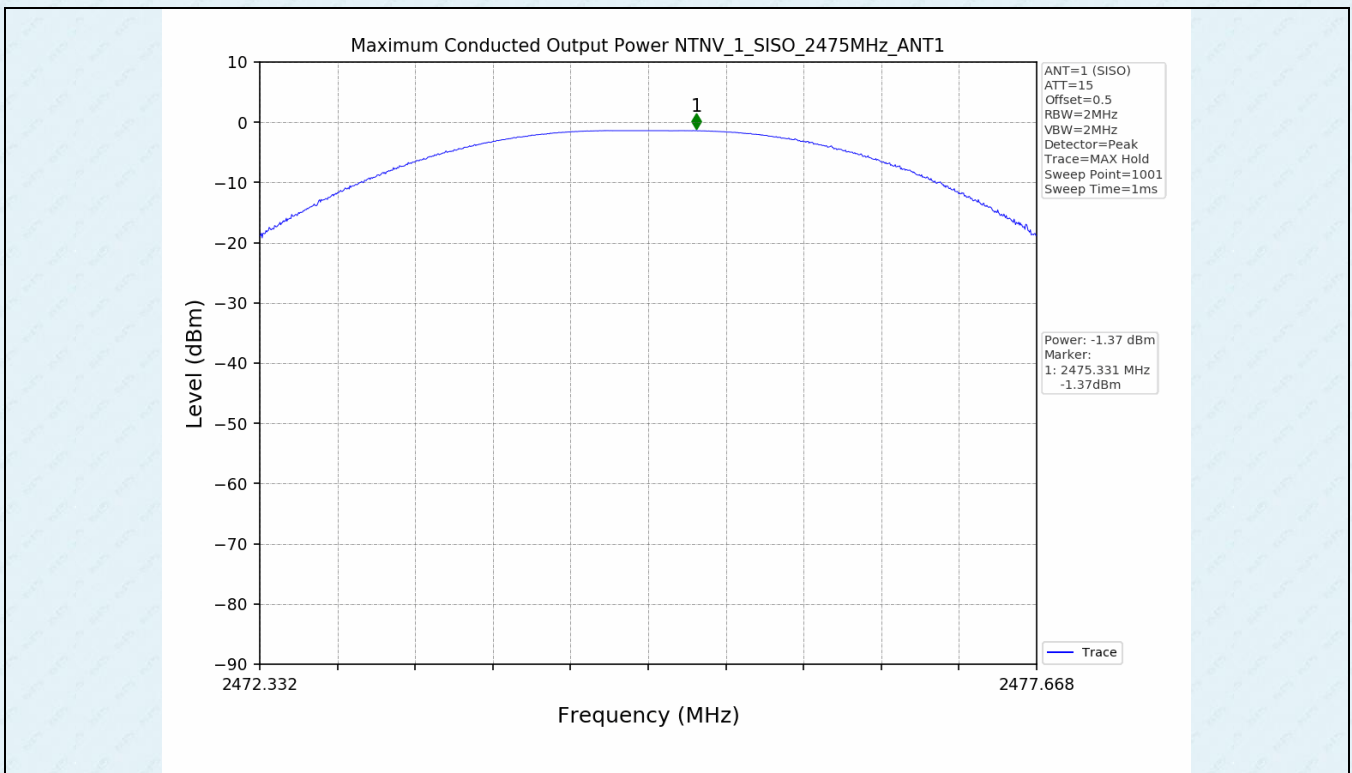
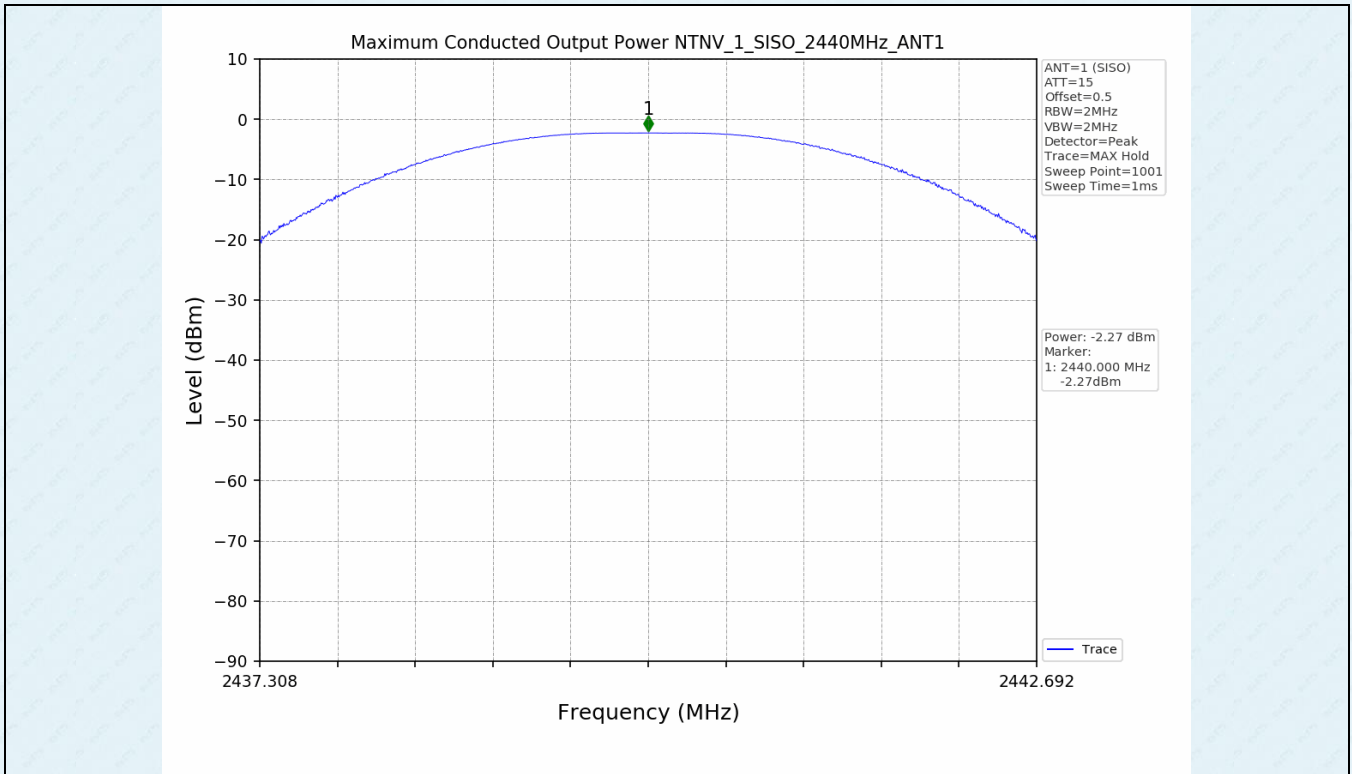
## 2. Maximum Conducted Output Power

### 2.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
GFSK	2408	SISO	-2.69	20.97	PASS
	2440	SISO	-2.27	20.97	PASS
	2475	SISO	-1.37	20.97	PASS

### 2.2 Test Graph



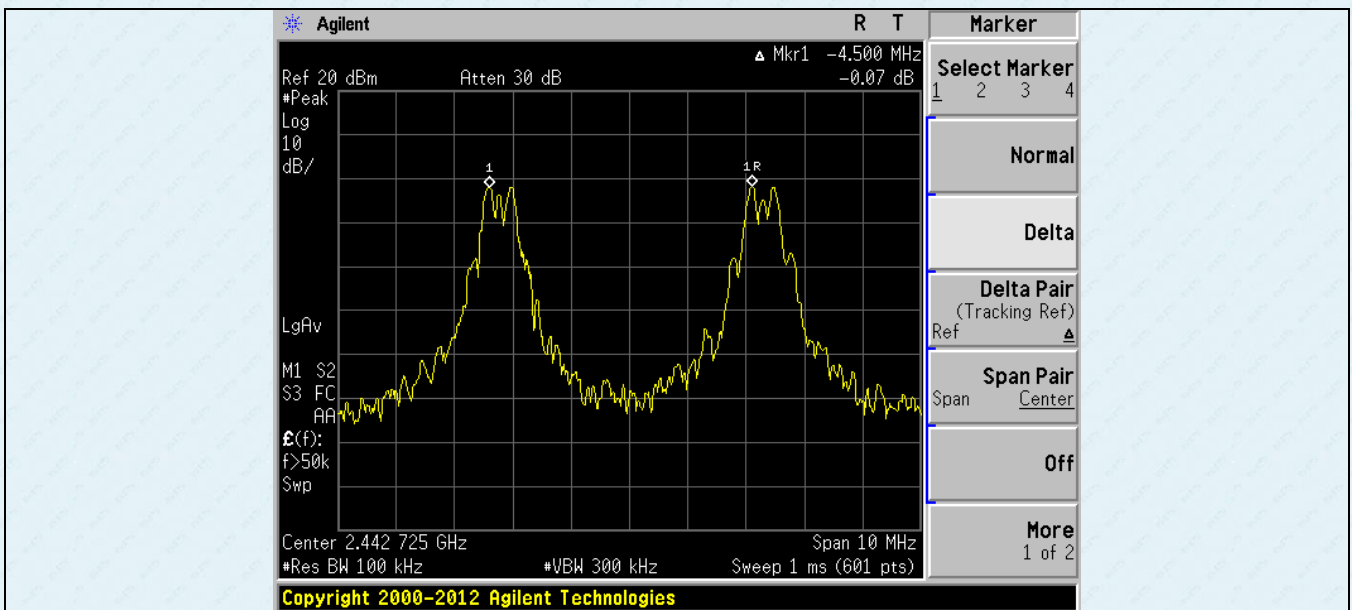
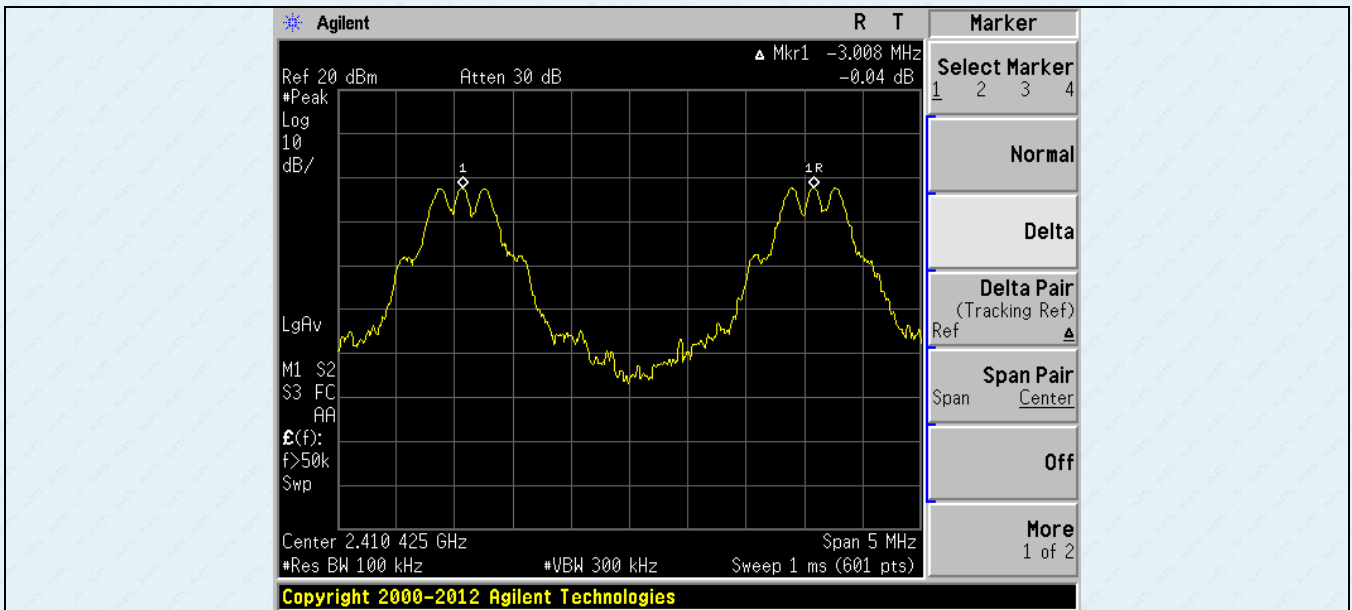


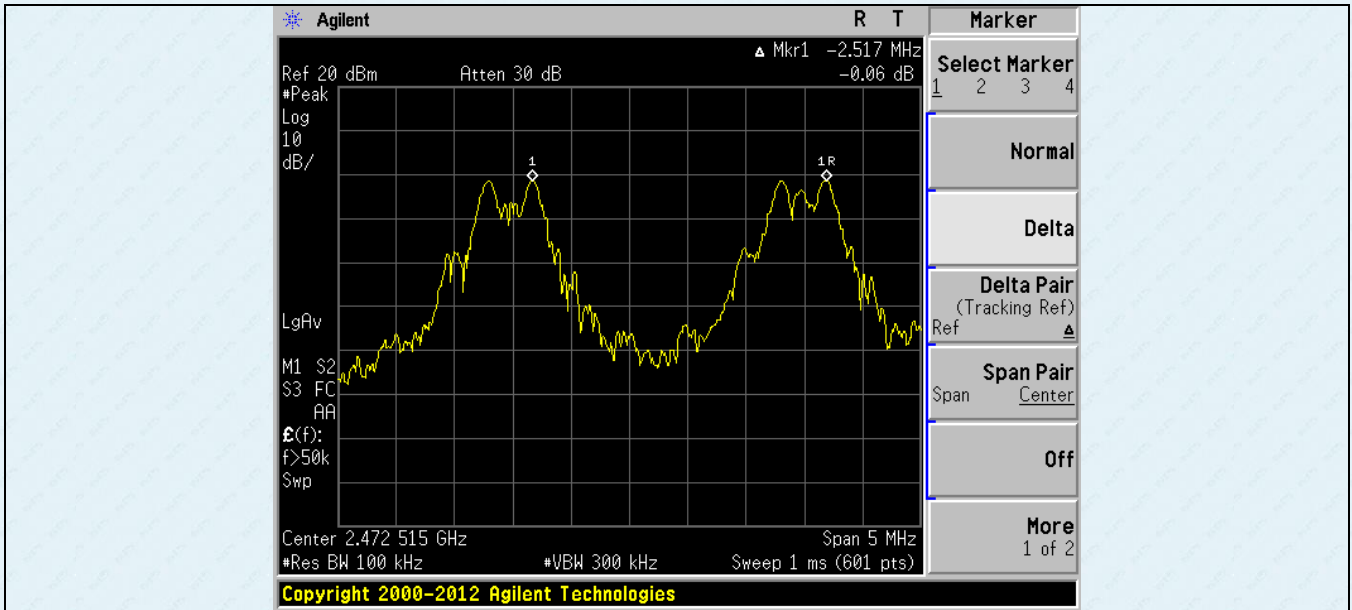
### 3. Carrier frequency separation

#### 3.1 Test Result

ANT No.	Test channel	Carrier Frequencies Separation (kHz)	Limit (kHz)	Result
1	Lowest	3008	1073	Pass
	Middle	4500	1077	Pass
	Highest	2517	1067	Pass

#### 3.2 Test Graph





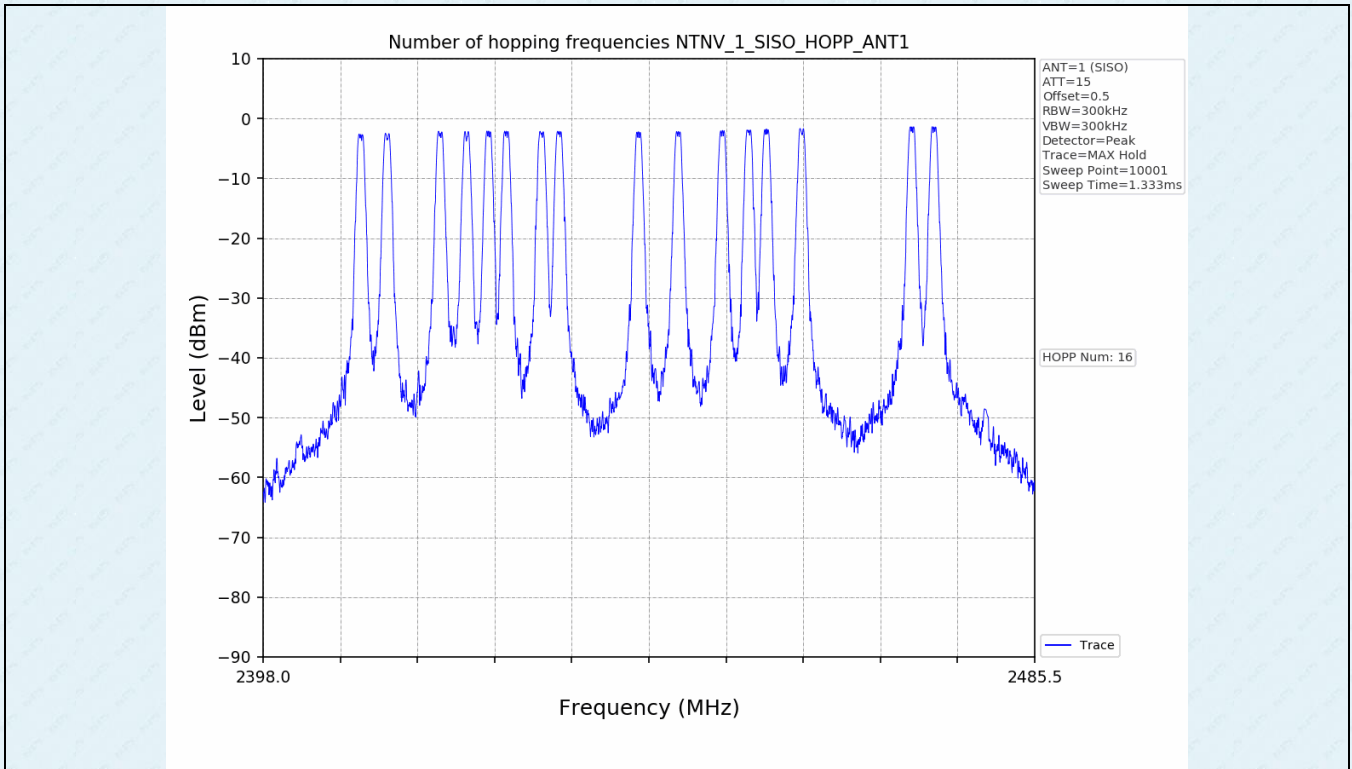


## 4. Number of hopping frequencies

### 4.1 Test Result

Test Mode	TX Type	ANT No.	Num of Hopping Frequencies	Limits	Verdict
GFSK	SISO	1	16	≥15	PASS

### 4.2 Test Graph



## 5. Time of Occupancy (Dwell Time)

### 5.1 Test Result

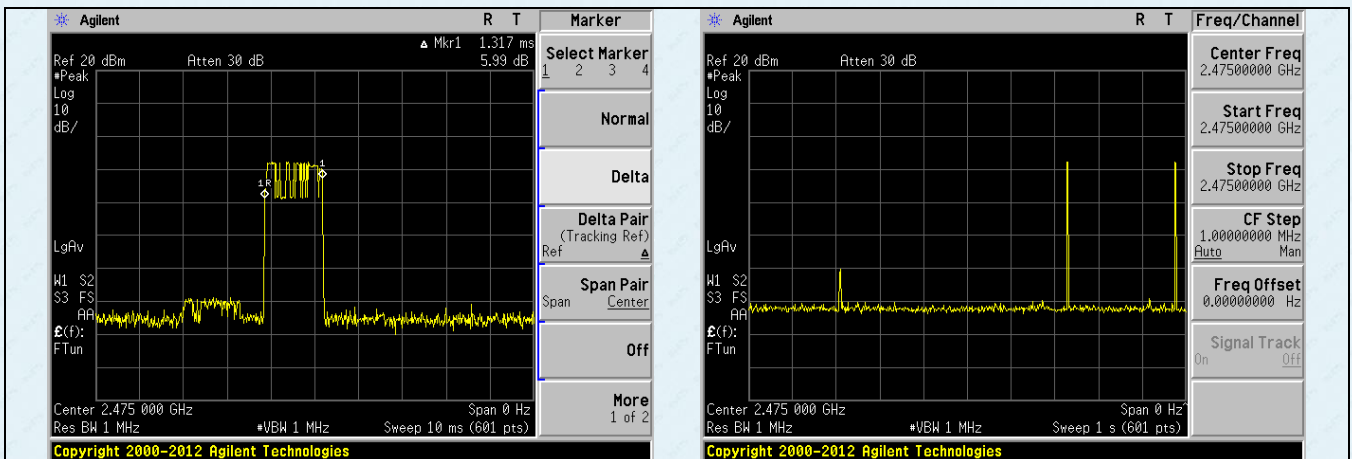
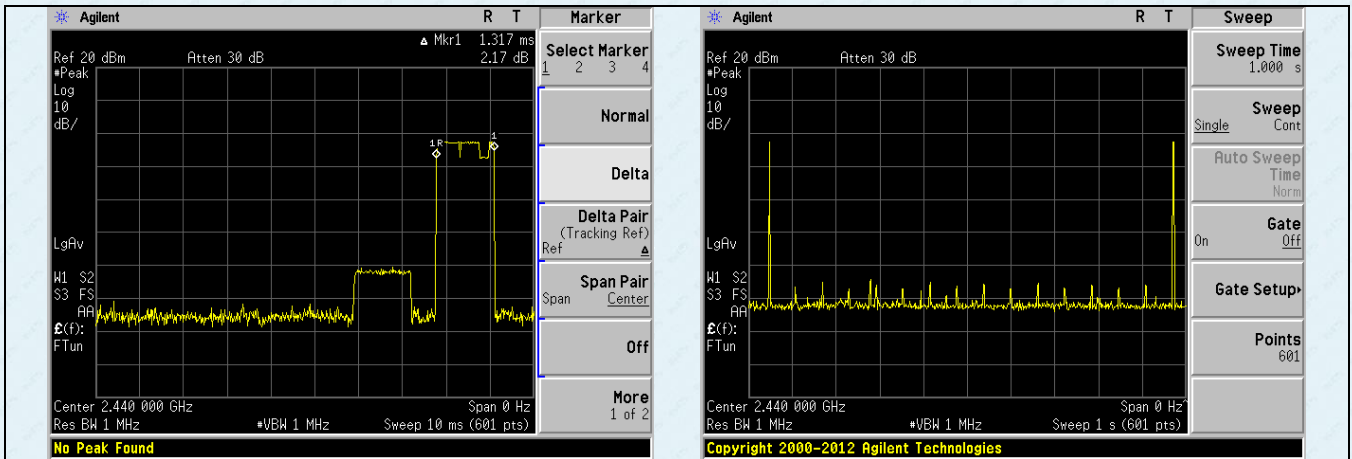
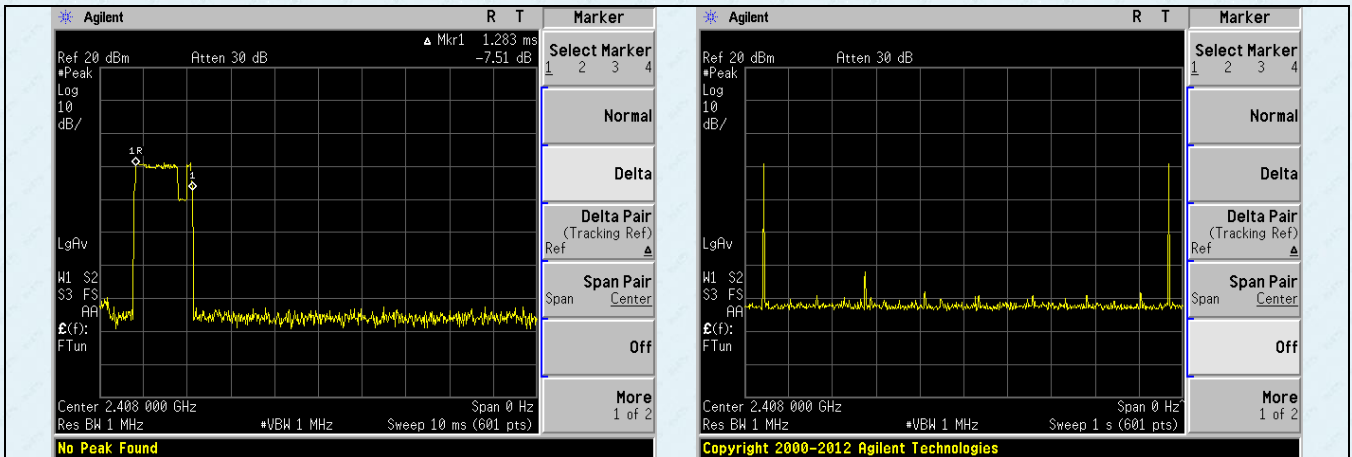
ANT No.	Test channel	Ton (ms)	Dwell time(ms)	Limit(ms)	Result
1	Lowest	1.283	16.42	400	Pass
	Middle	1.317	16.86	400	Pass
	Highest	1.317	16.86	400	Pass

Lowest: Dwell time = Ton \* Ton times in 1s \* 0.4s \* channel numbers=1.283ms\*2\*0.4\*16=16.42ms

Middle: Dwell time = Ton \* Ton times in 1s \* 0.4s \* channel numbers=1.317ms\*2\*0.4\*16=16.86ms

Highest: Dwell time = Ton \* Ton times in 1s \* 0.4s \* channel numbers=1.317ms\*2\*0.4\*16=16.86ms

## 5.2 Test Graph

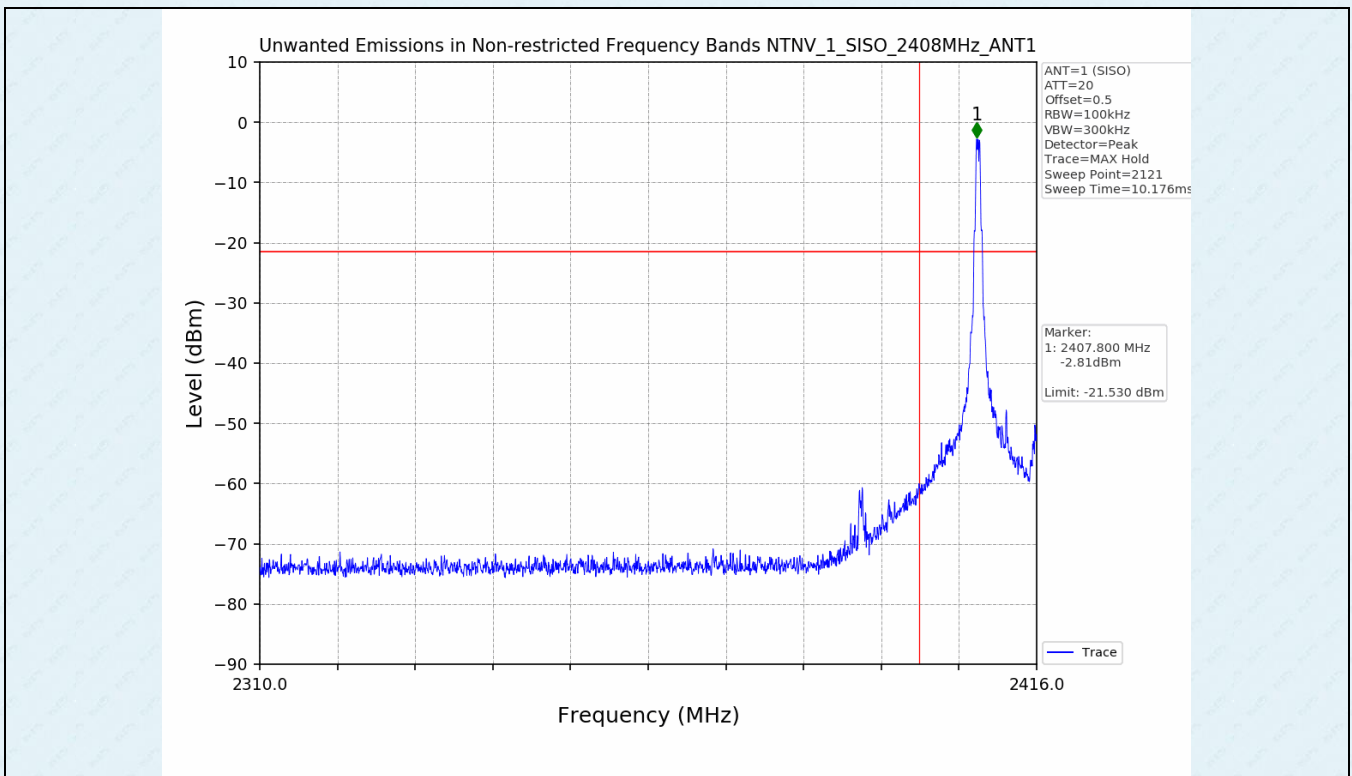
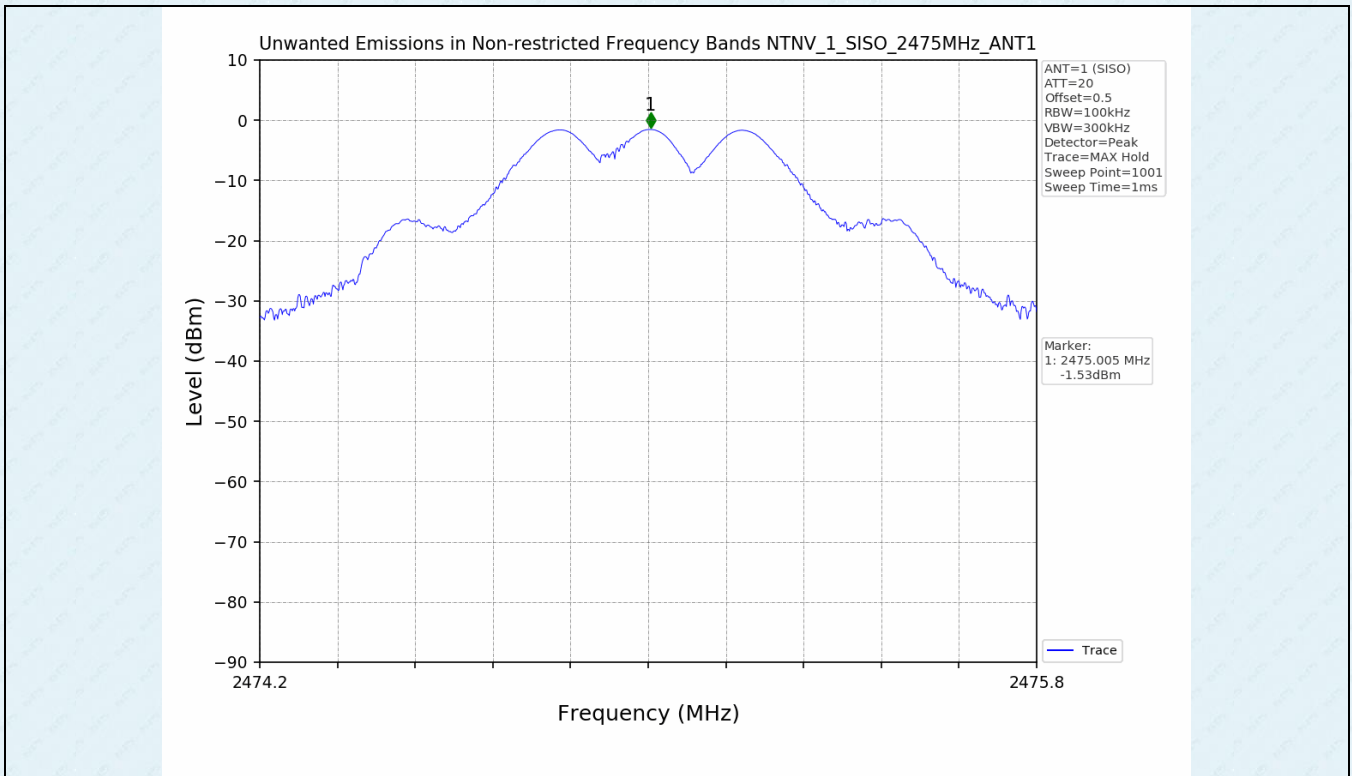


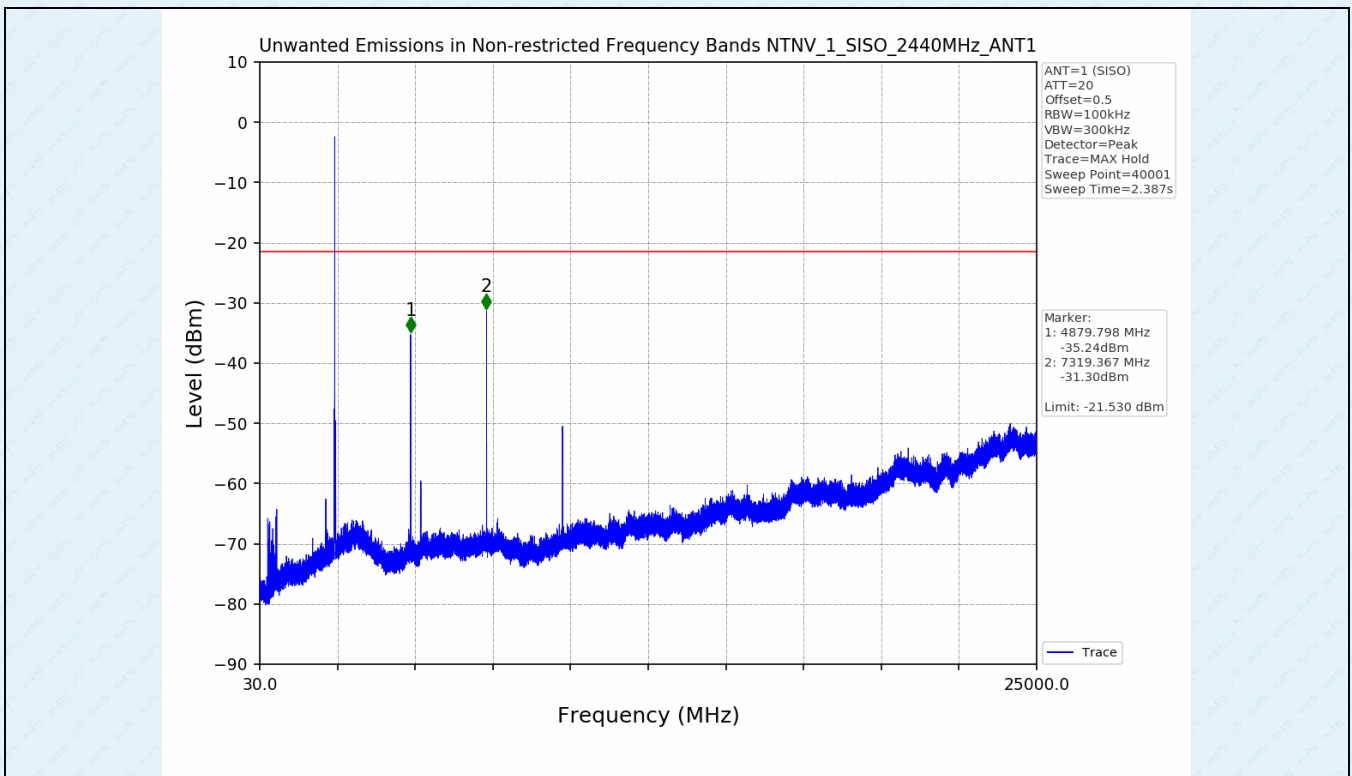
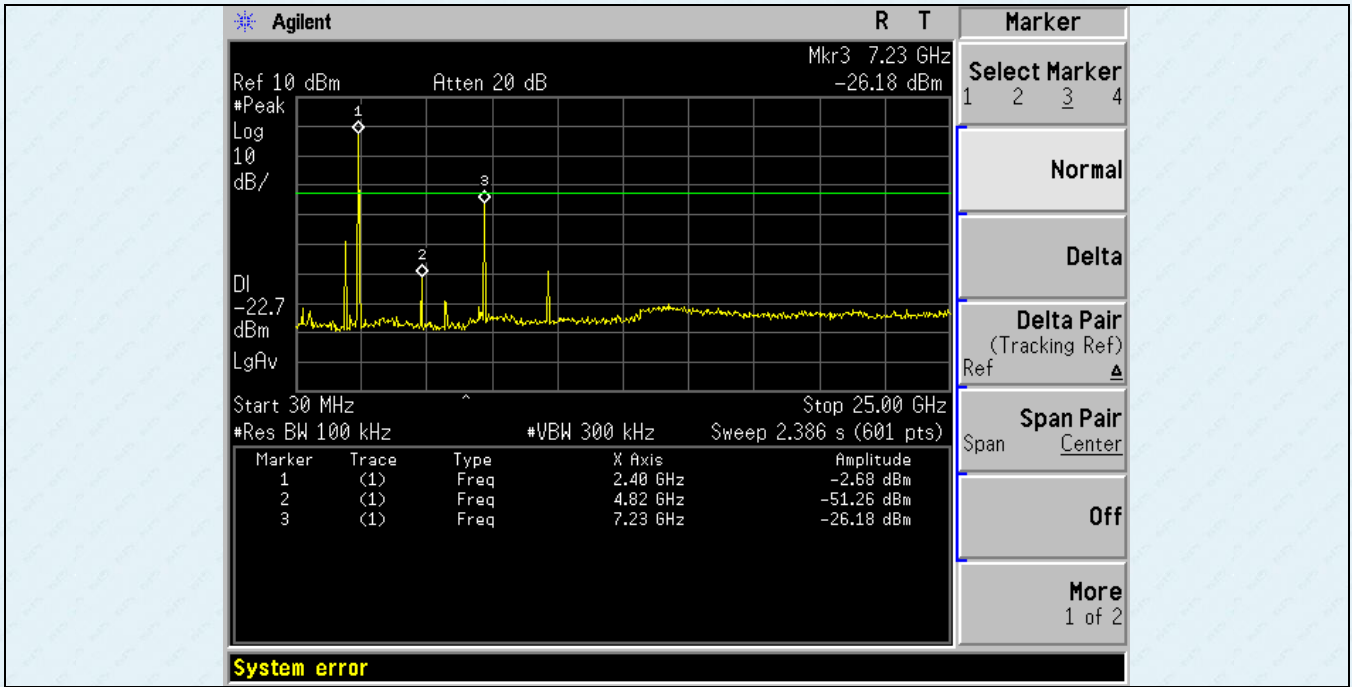
## 6. Unwanted Emissions in Non-restricted Frequency Bands

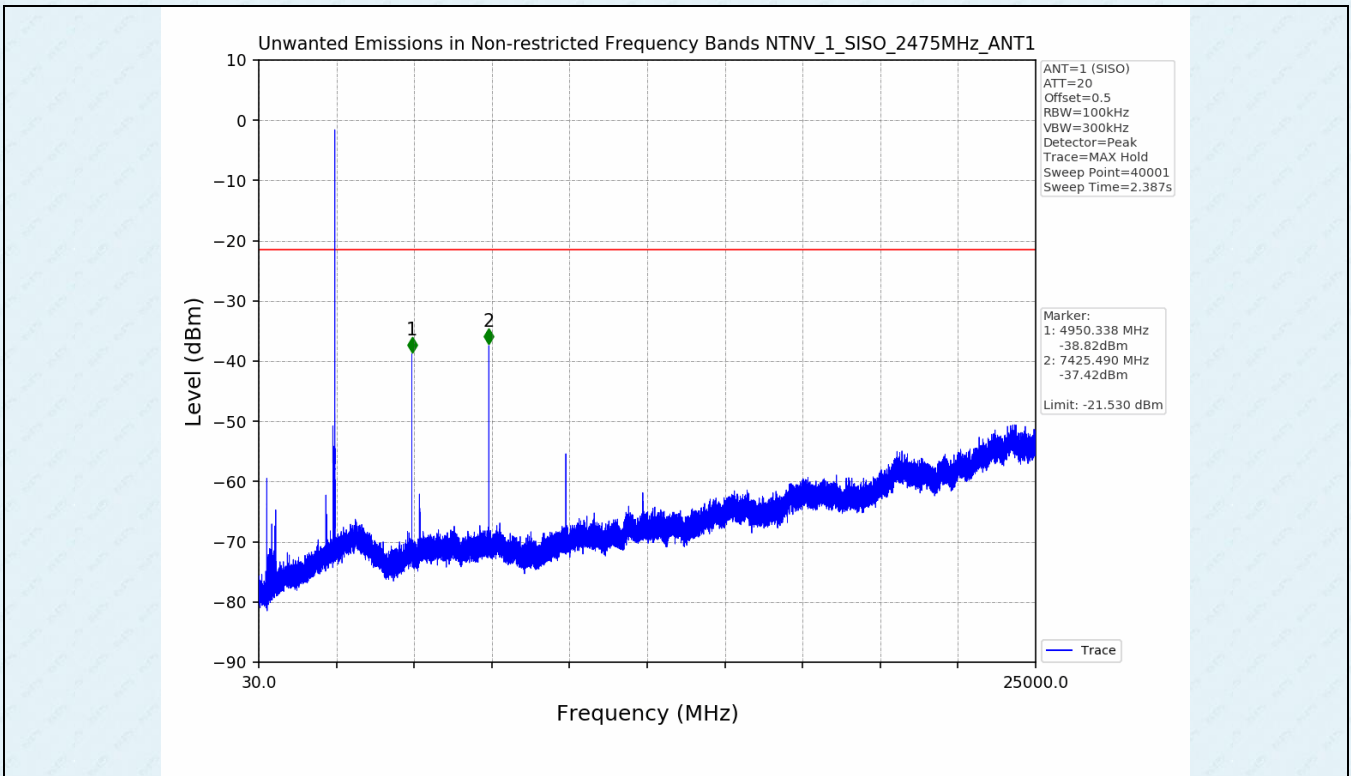
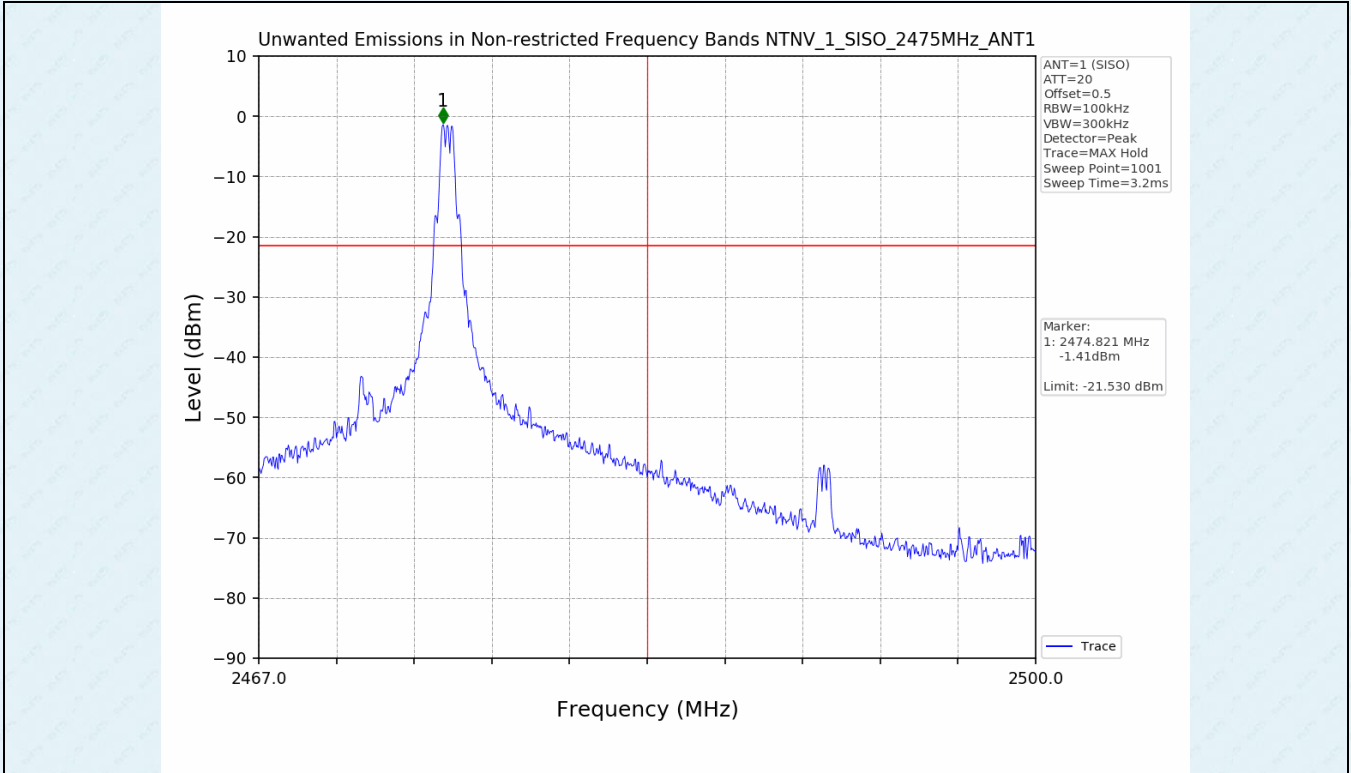
### 6.1 Test Result

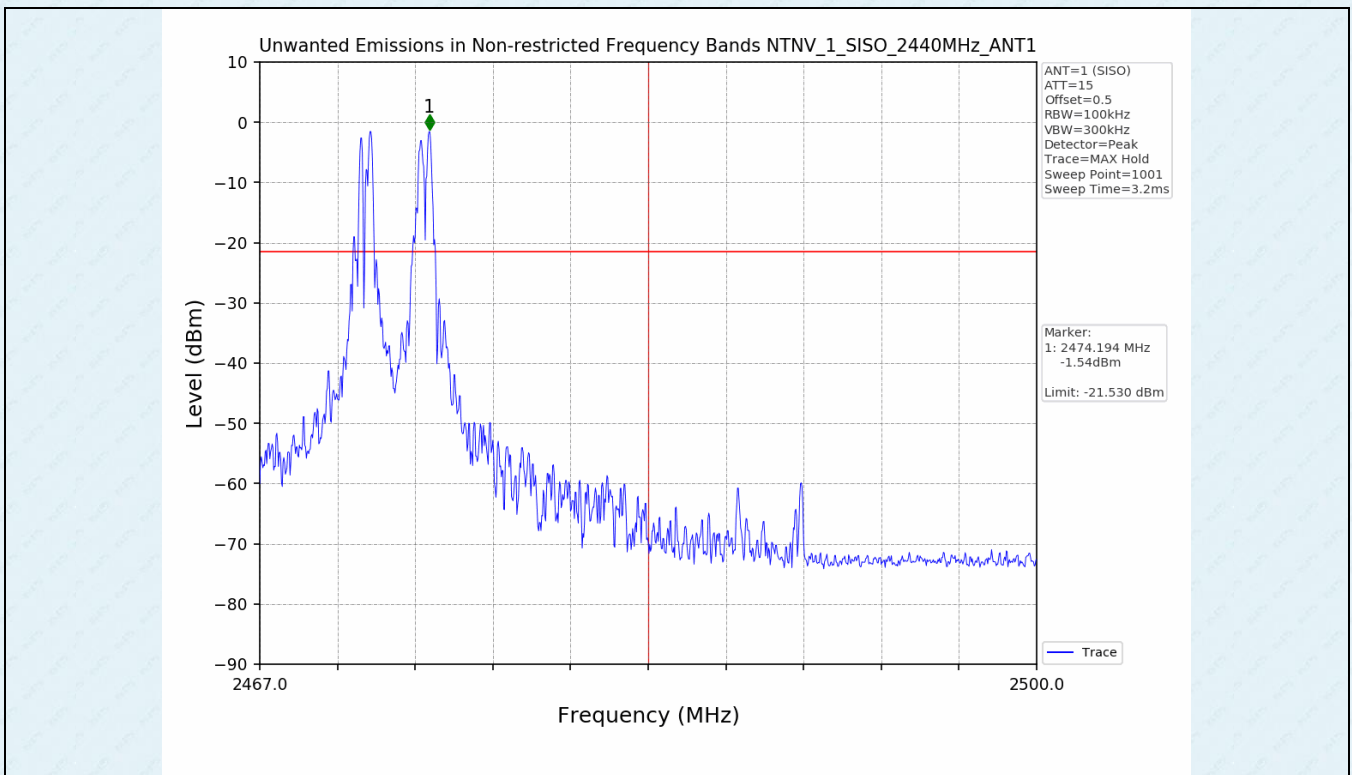
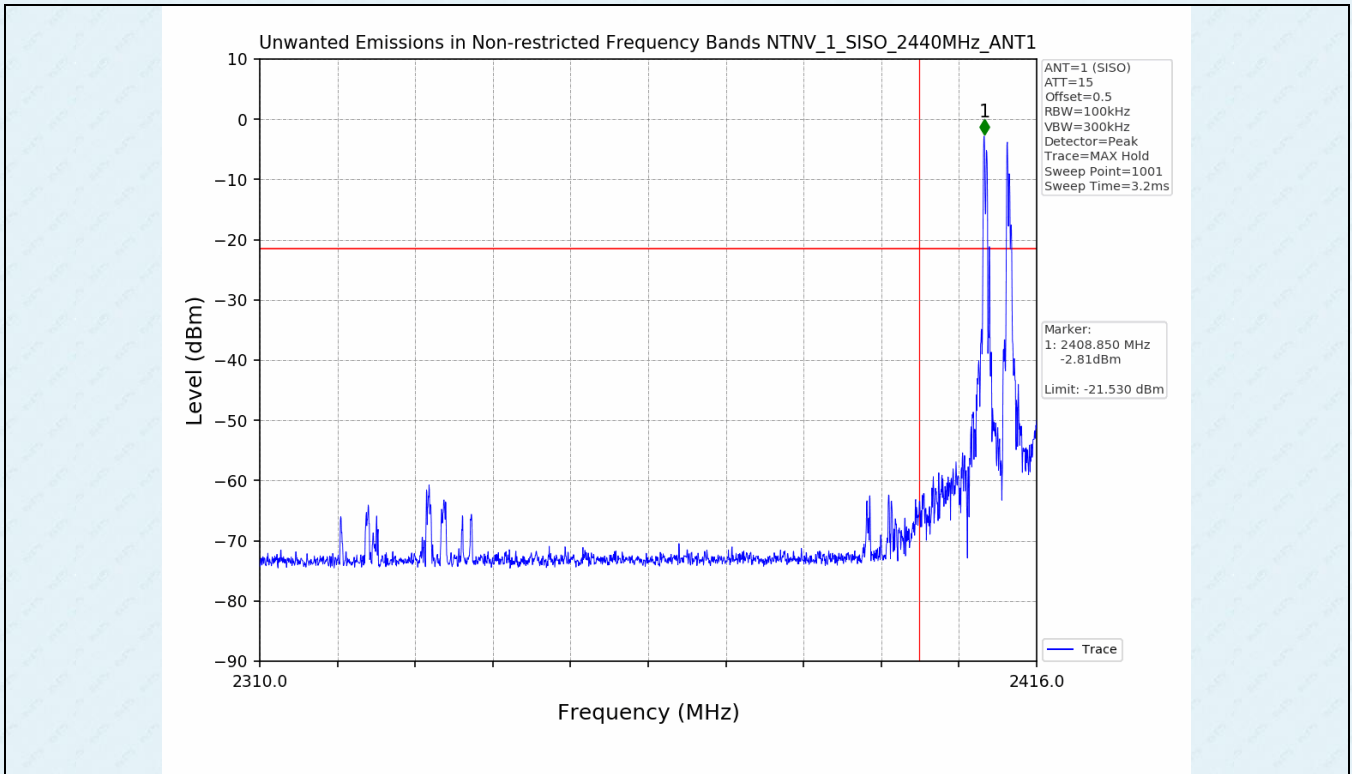
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
GFSK	2408	SISO	1	Refer to test graph	-21.53	PASS
	2440	SISO	1	Refer to test graph	-21.53	PASS
	2475	SISO	1	Refer to test graph	-21.53	PASS
	Hopping	SISO	1	Refer to test graph	-21.53	PASS

## 6.2 Test Graph









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