

## Appendix for 15.247

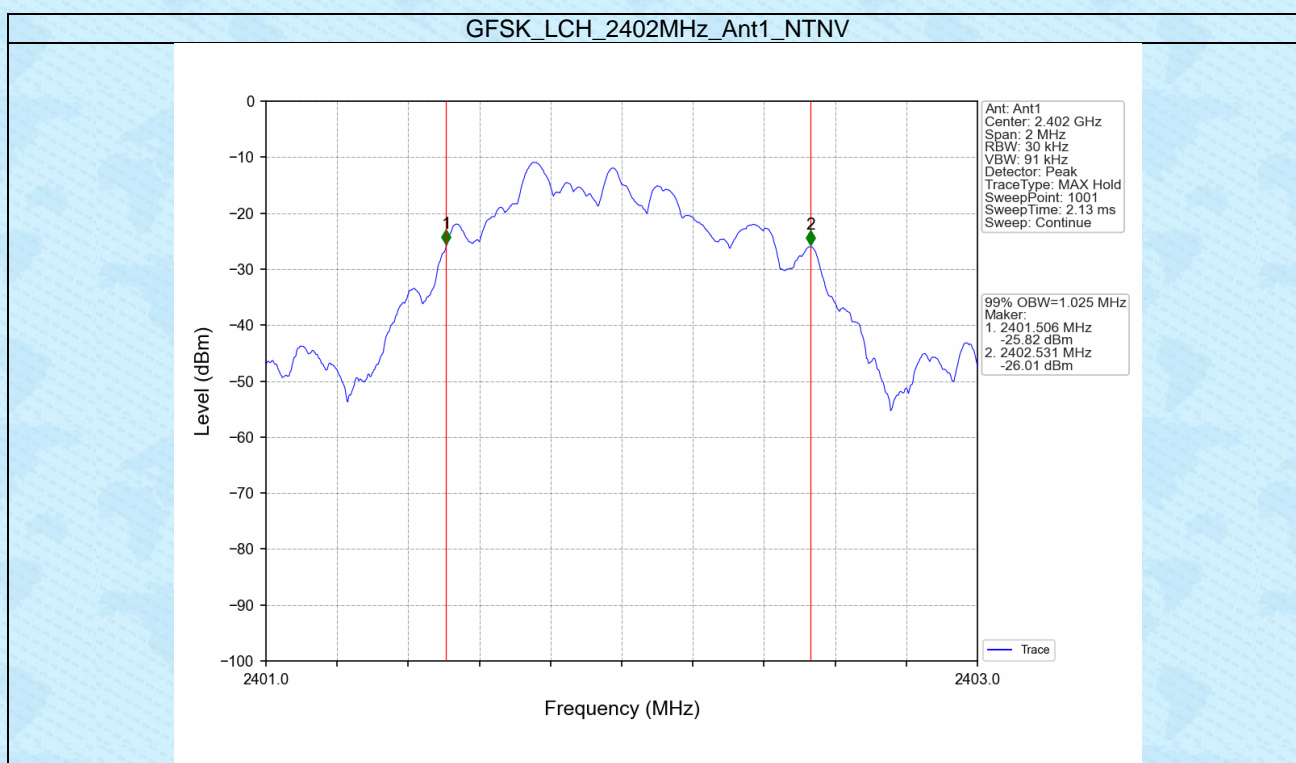
### 1. Bandwidth

#### 1.1 OBW

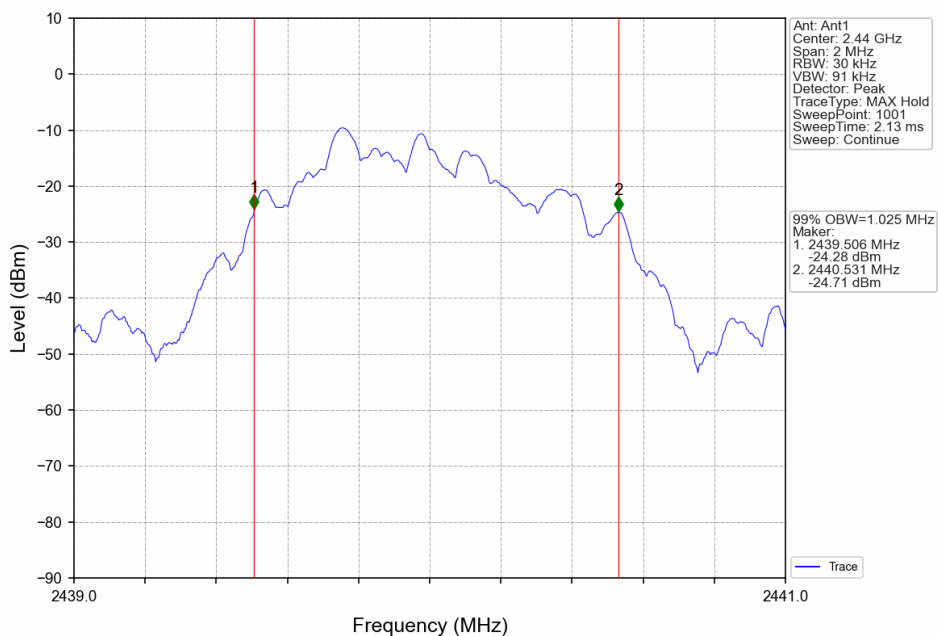
##### 1.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result		
GFSK	SISO	2402	1	1.025		Pass
		2440	1	1.025		Pass
		2480	1	1.025		Pass

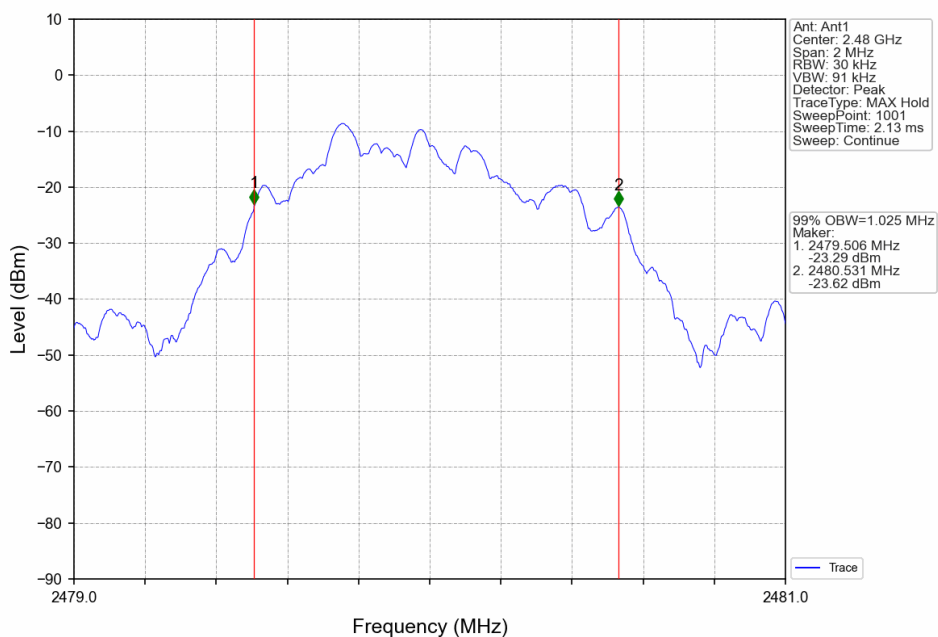
##### 1.1.2 Test Graph



### GFSK\_MCH\_2440MHz\_Ant1\_NTNV



### GFSK\_HCH\_2480MHz\_Ant1\_NTNV

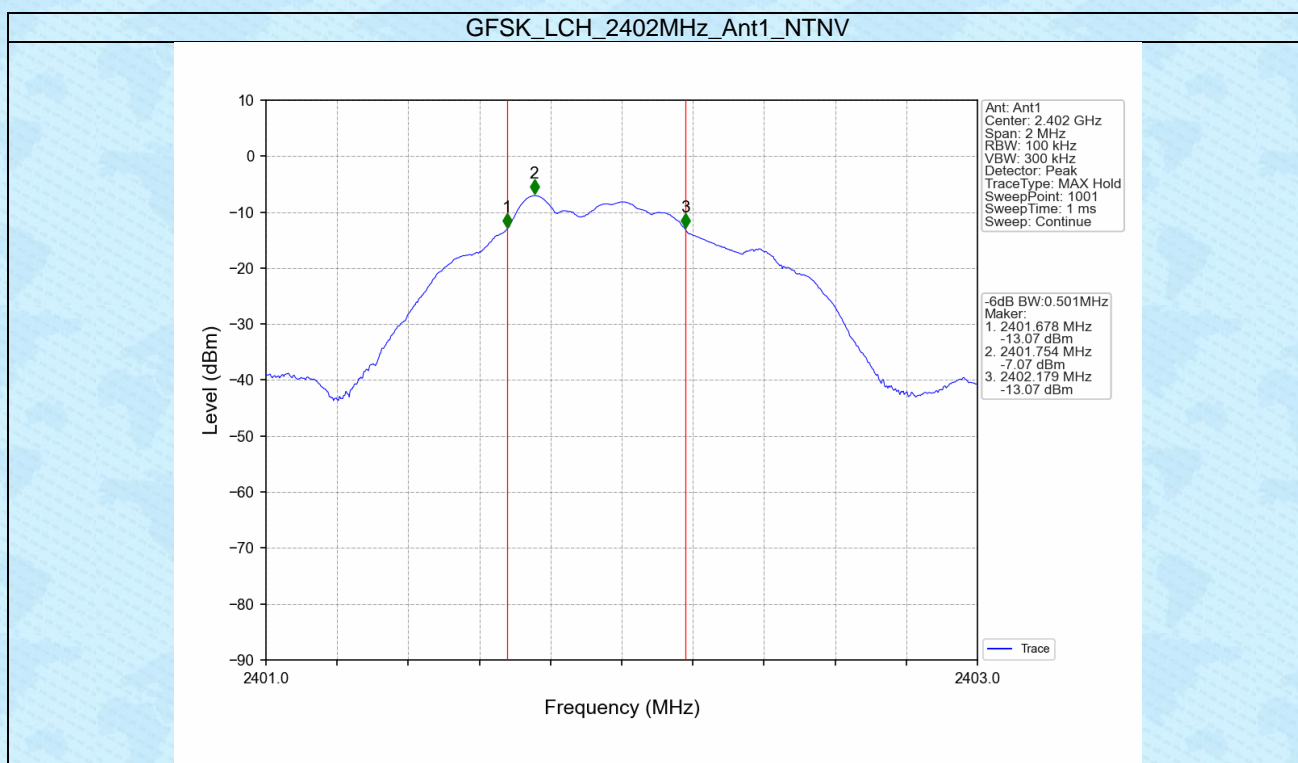


## 1.2 6dB BW

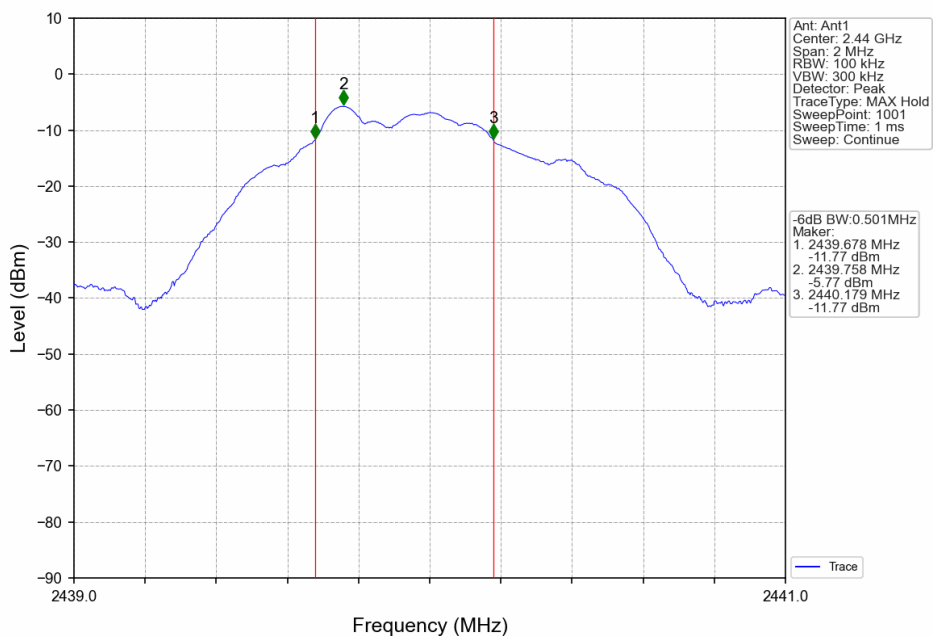
### 1.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
GFSK	SISO	2402	1	0.501	>=0.5	Pass
		2440	1	0.501	>=0.5	Pass
		2480	1	0.500	>=0.5	Pass

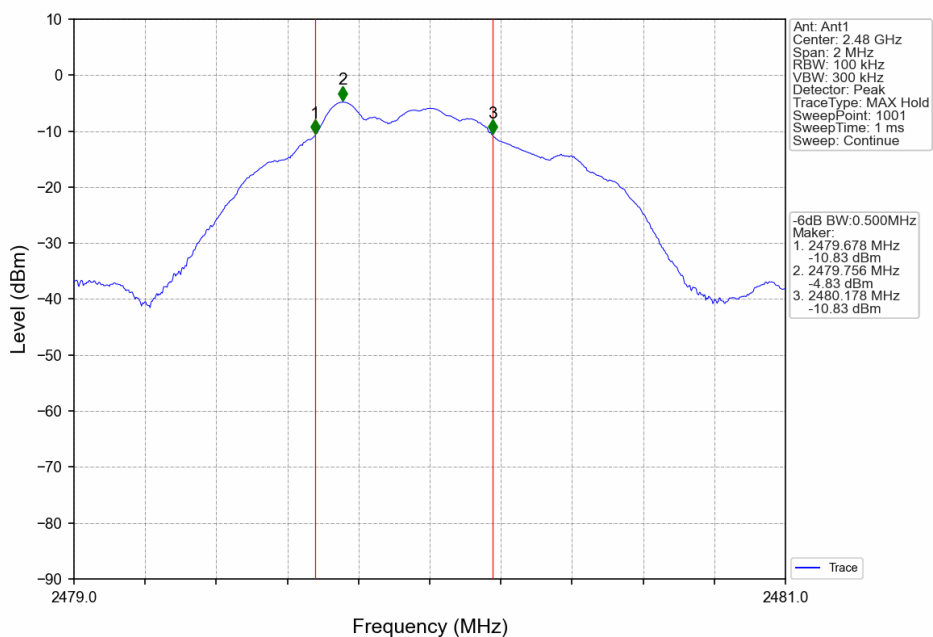
### 1.2.2 Test Graph



### GFSK\_MCH\_2440MHz\_Ant1\_NTNV



### GFSK\_HCH\_2480MHz\_Ant1\_NTNV





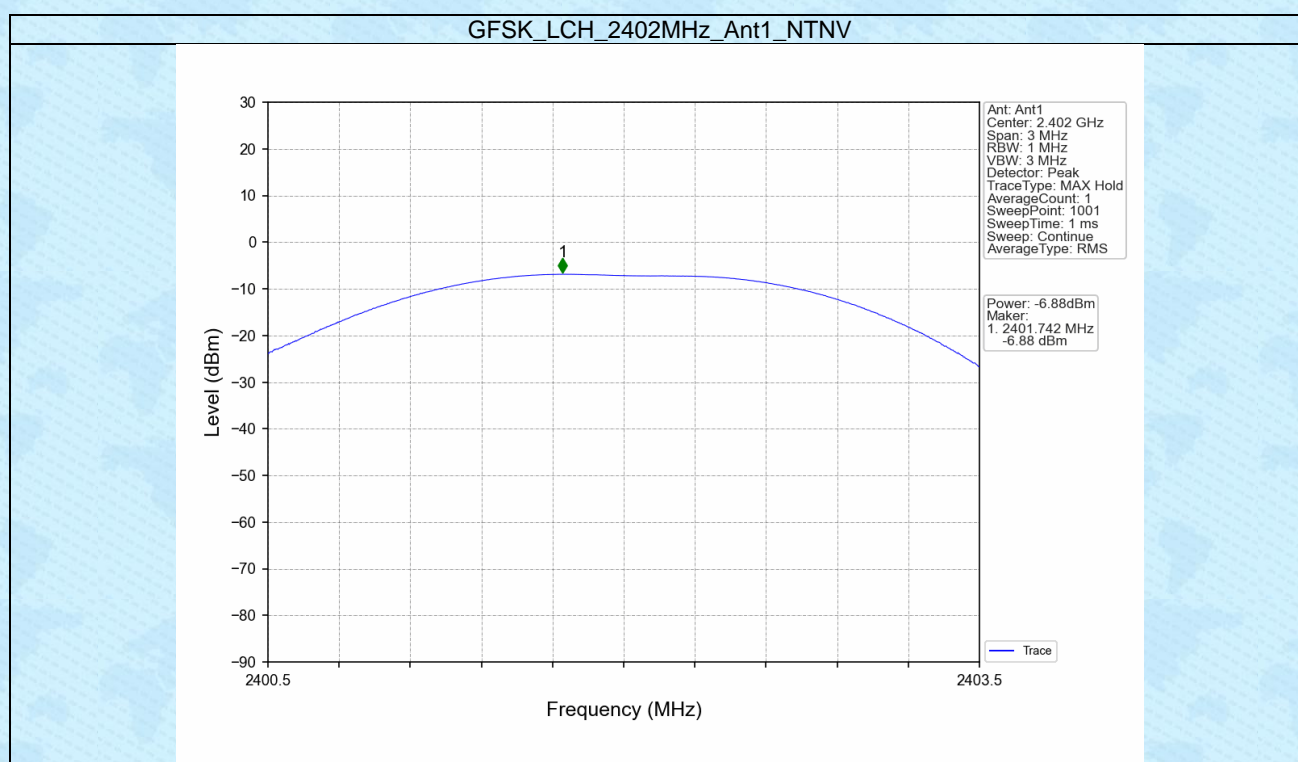
## 2. Maximum Conducted Output Power

### 2.1 Test Result

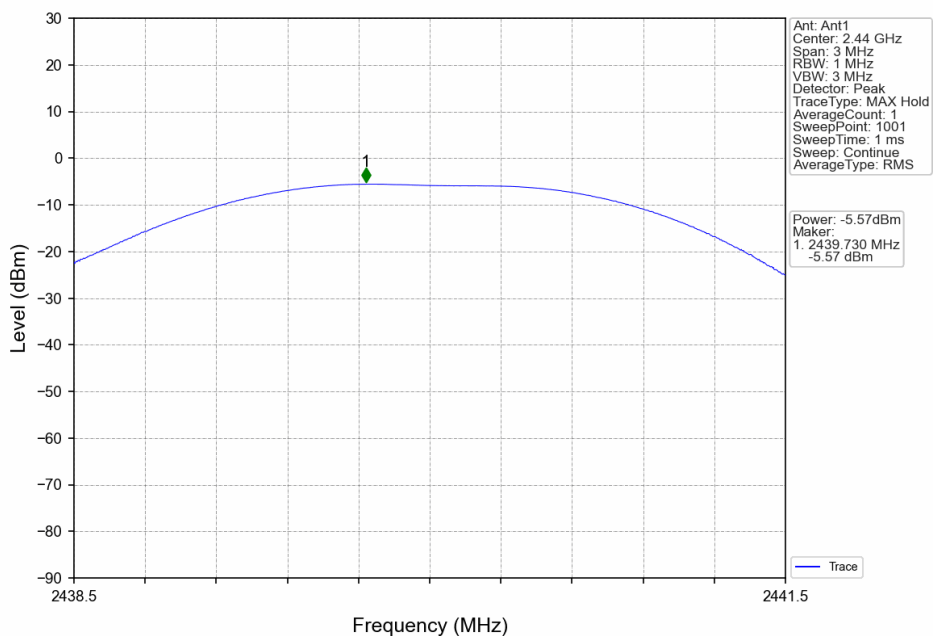
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
GFSK	SISO	2402	-6.88	<=30	Pass
		2440	-5.57	<=30	Pass
		2480	-4.66	<=30	Pass

Note1: Antenna Gain: Ant1: 0.00dBi;

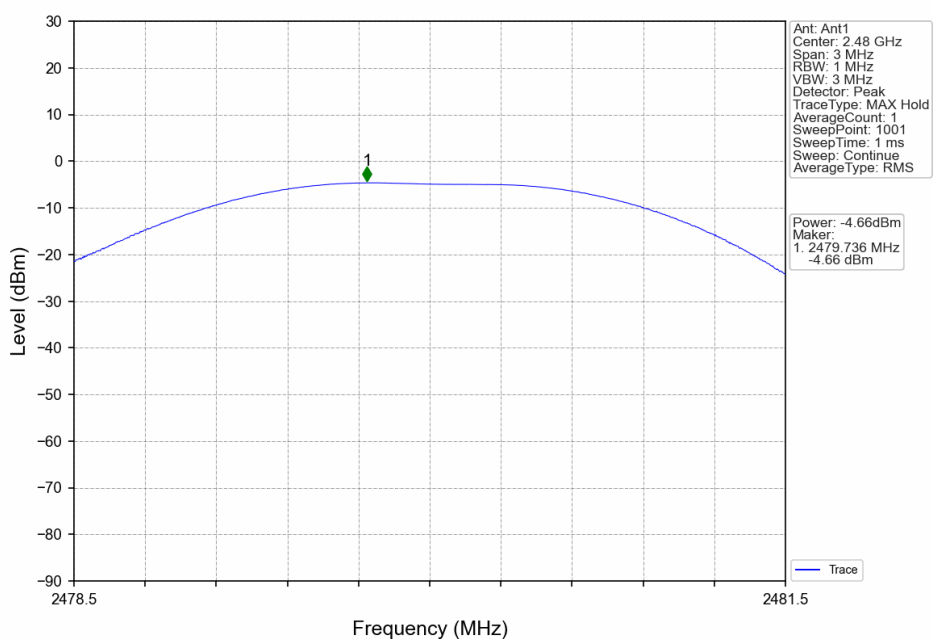
### 2.2 Test Graph



### GFSK\_MCH\_2440MHz\_Ant1\_NTNV



### GFSK\_HCH\_2480MHz\_Ant1\_NTNV



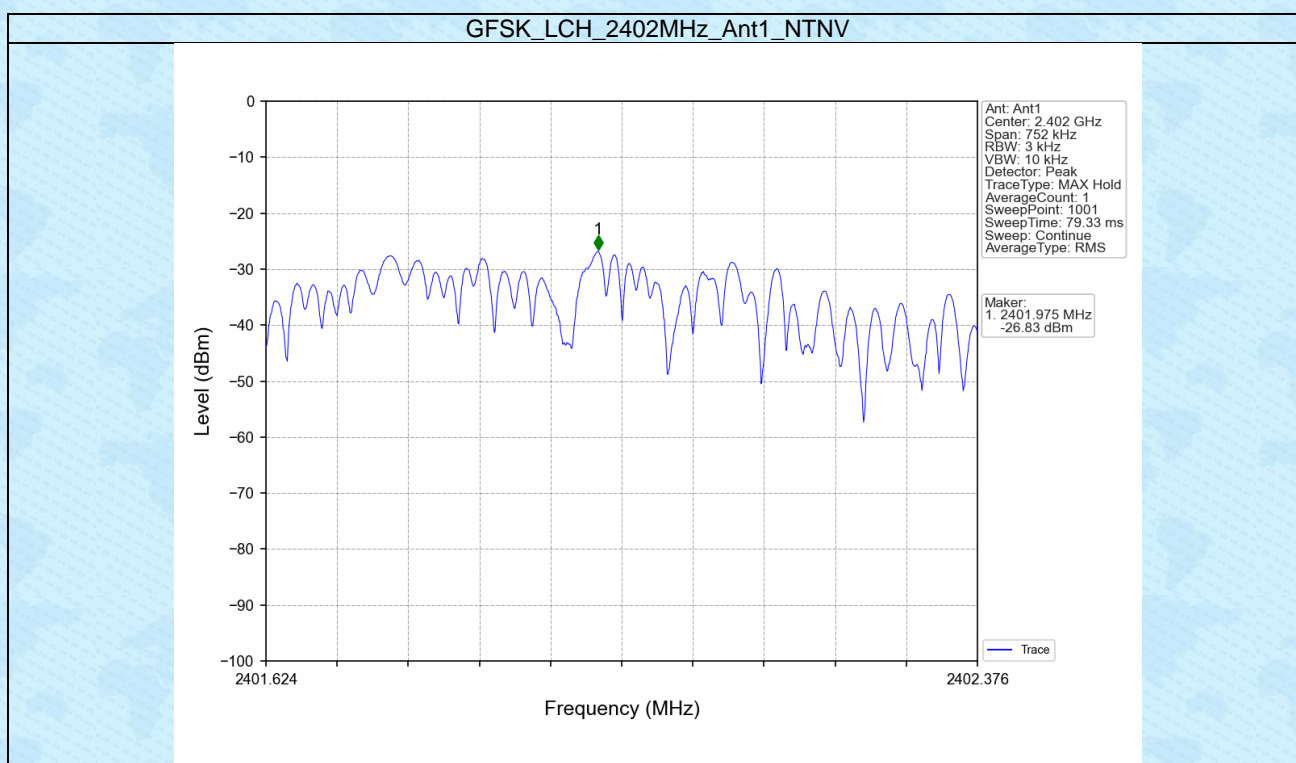
## 3. Maximum Power Spectral Density

### 3.1 Test Result

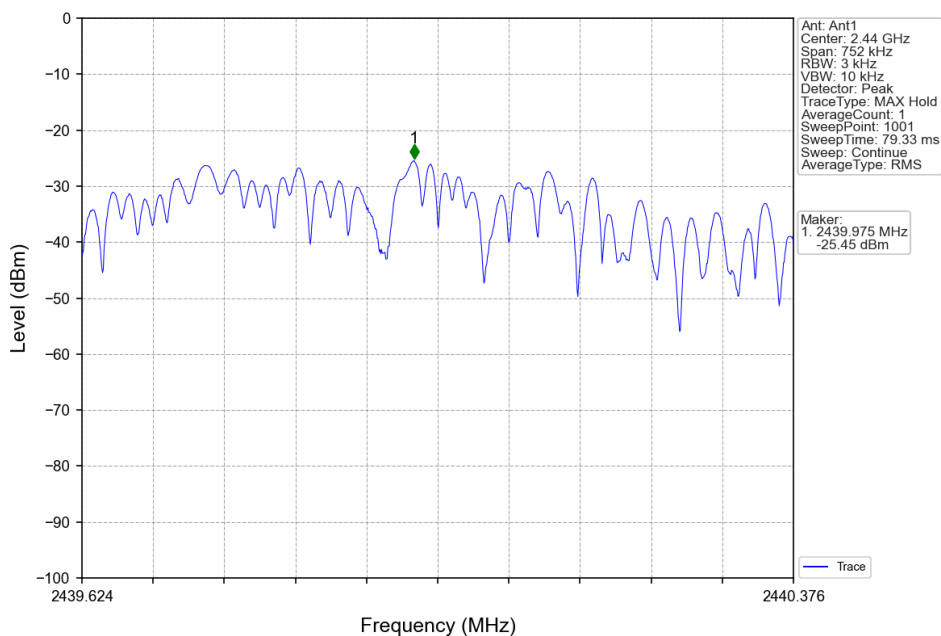
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
GFSK	SISO	2402	-26.83	<=8	Pass
		2440	-25.45	<=8	Pass
		2480	-24.61	<=8	Pass

Note1: Antenna Gain: Ant1: 0.00dBi;

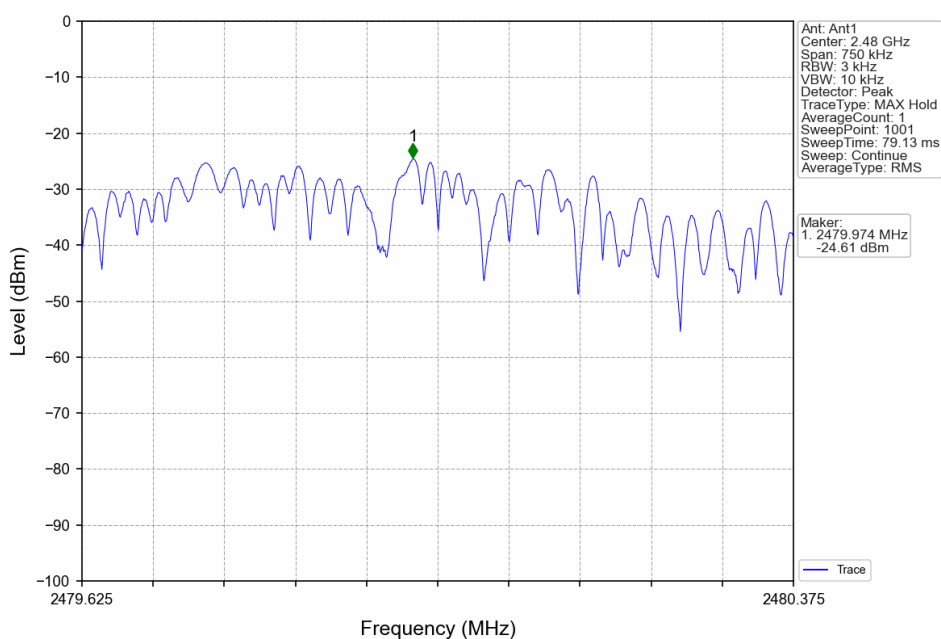
### 3.2 Test Graph



### GFSK\_MCH\_2440MHz\_Ant1\_NTNV



### GFSK\_HCH\_2480MHz\_Ant1\_NTNV





## 4. Unwanted Emissions In Standard Non-restricted Frequency Bands

### 4.1 Ref

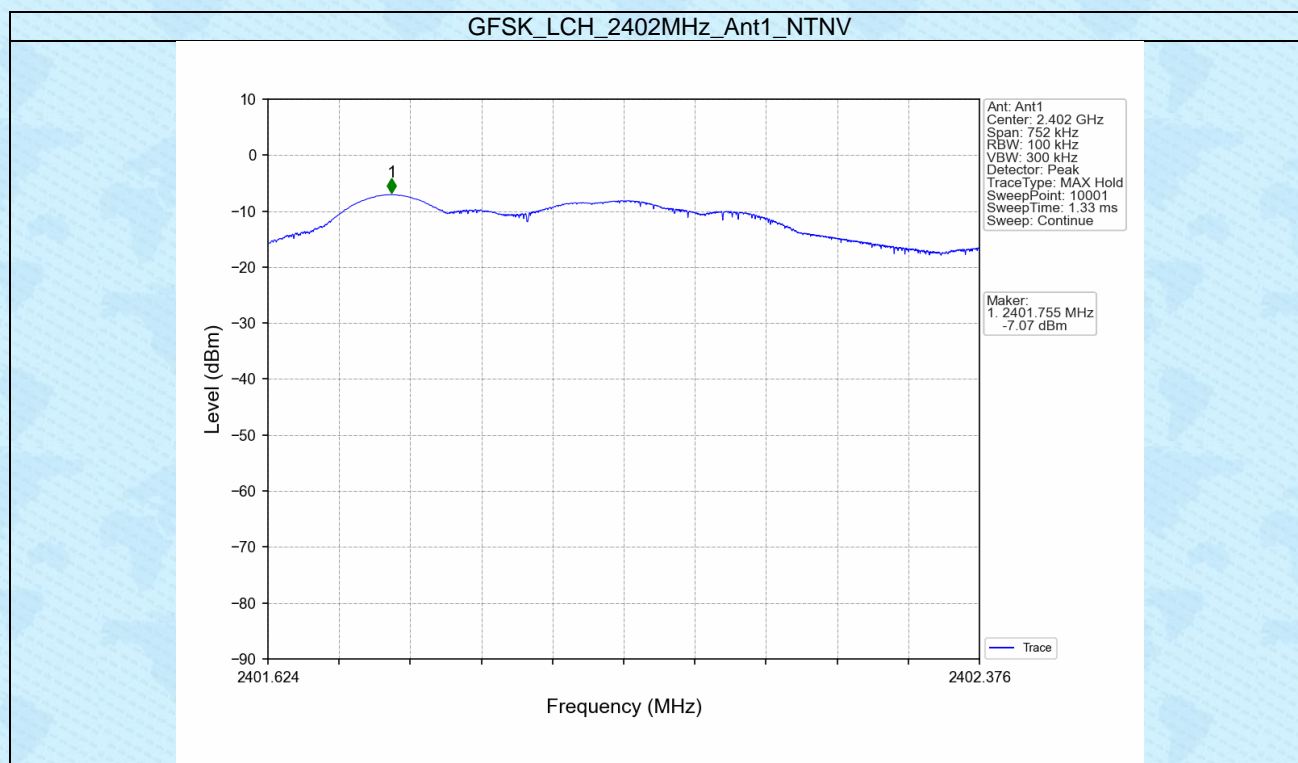
#### 4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
GFSK	SISO	2402	1	-7.07
		2440	1	-5.75
		2480	1	-4.82

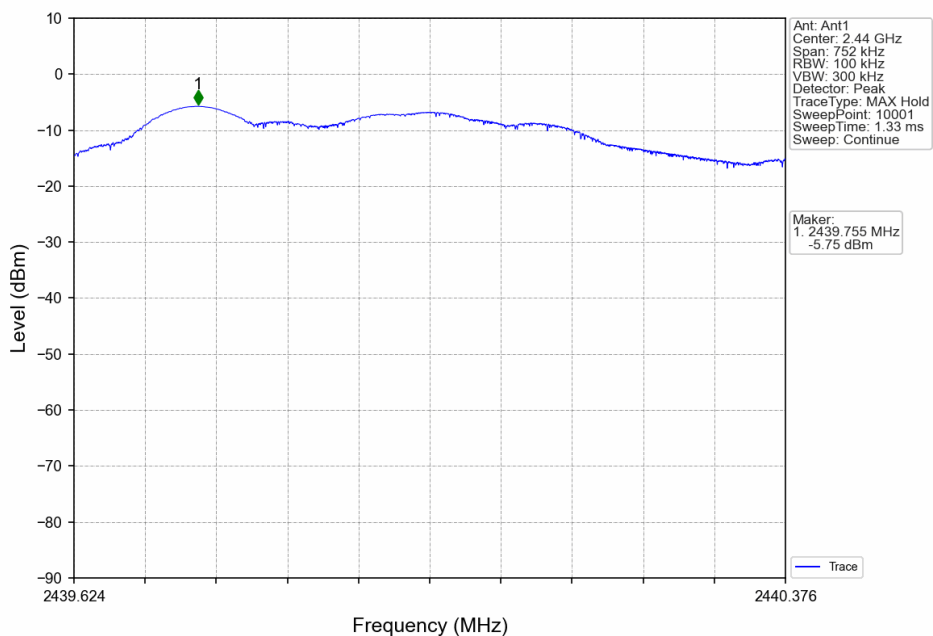
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

Note2: RBW = 1MHz was used during the pre-test. The final test will be performed at RBW=100kHz while the margin is less than 3dB.

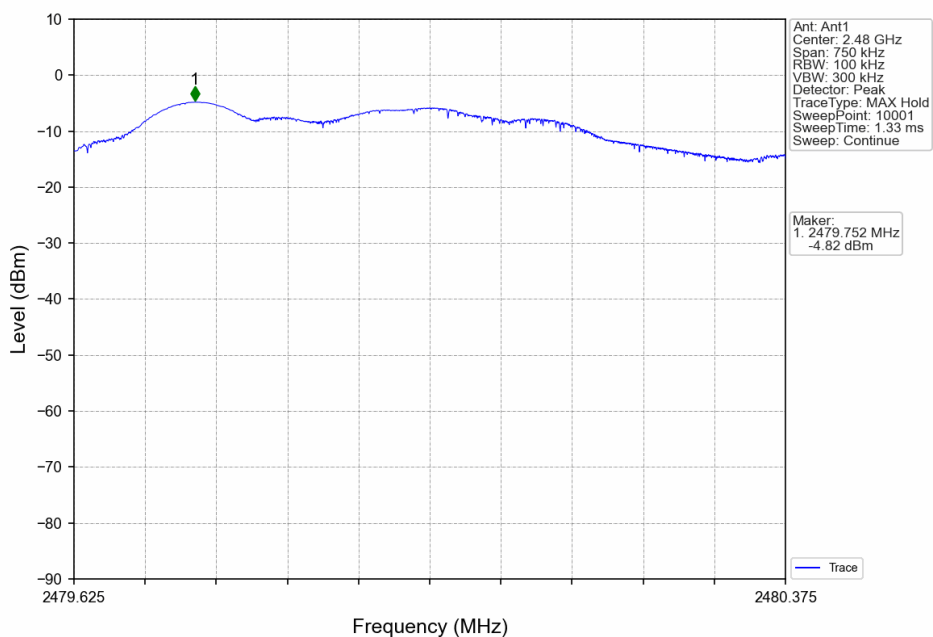
#### 4.1.2 Test Graph



### GFSK\_MCH\_2440MHz\_Ant1\_NTNV



### GFSK\_HCH\_2480MHz\_Ant1\_NTNV



## 4.2 CSE

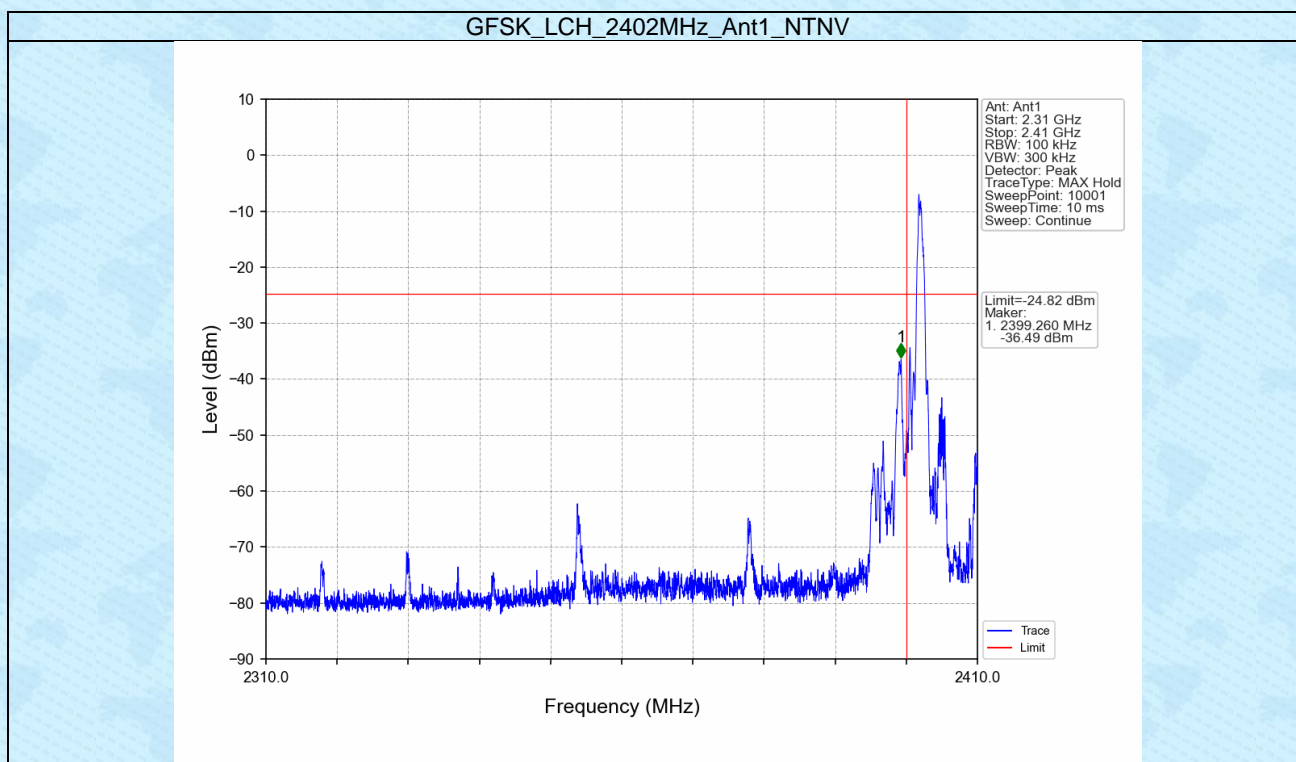
### 4.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	1	-4.82	-24.82	Pass
		2440	1	-4.82	-24.82	Pass
		2480	1	-4.82	-24.82	Pass

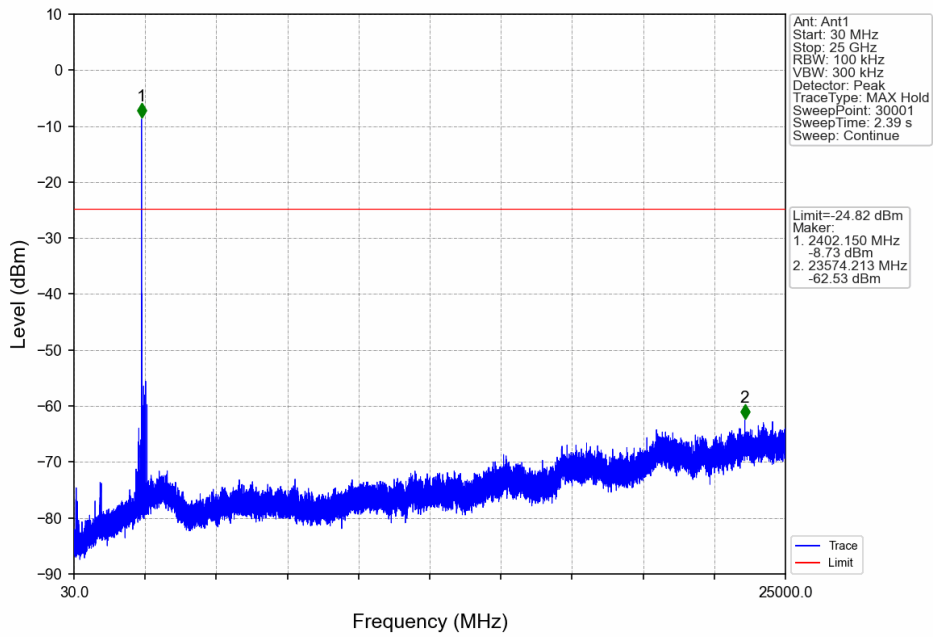
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

Note2: RBW = 1MHz was used during the pre-test. The final test will be performed at RBW=100kHz while the margin is less than 3dB.

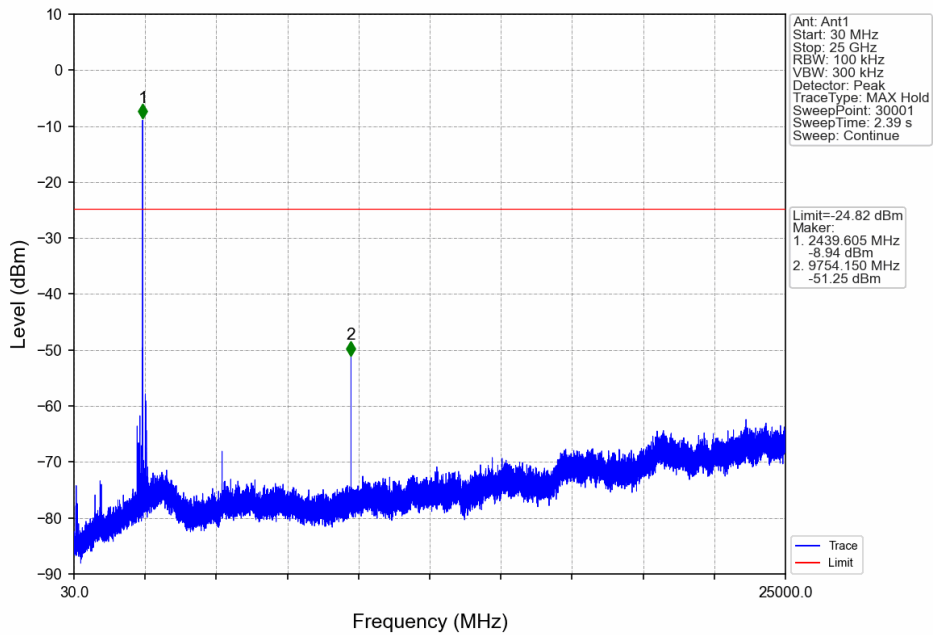
### 4.2.2 Test Graph



GFSK\_LCH\_2402MHz\_Ant1\_NTNV

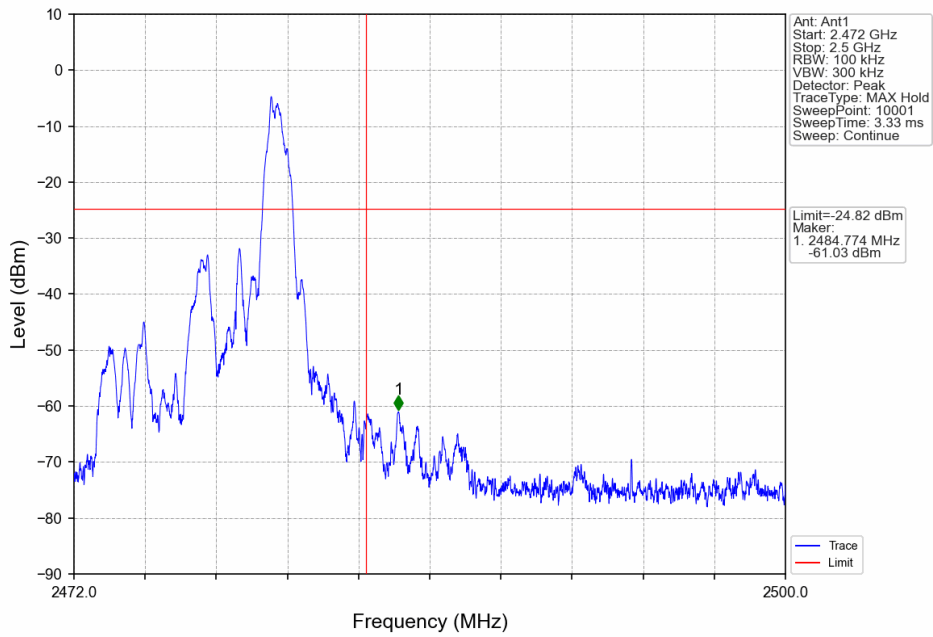


GFSK\_MCH\_2440MHz\_Ant1\_NTNV

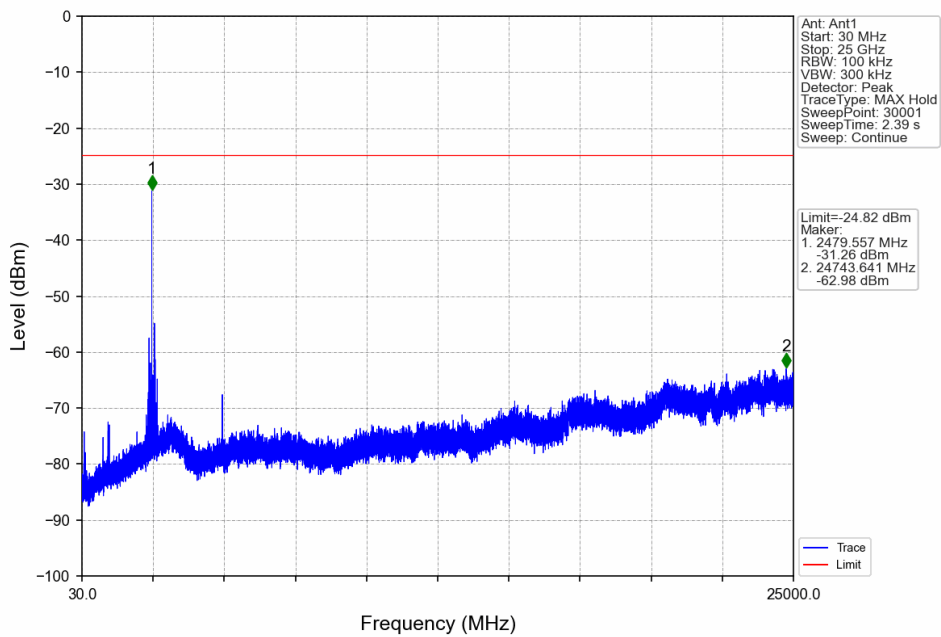




GFSK\_HCH\_2480MHz\_Ant1\_NTNV



GFSK\_HCH\_2480MHz\_Ant1\_NTNV



-----End-----