

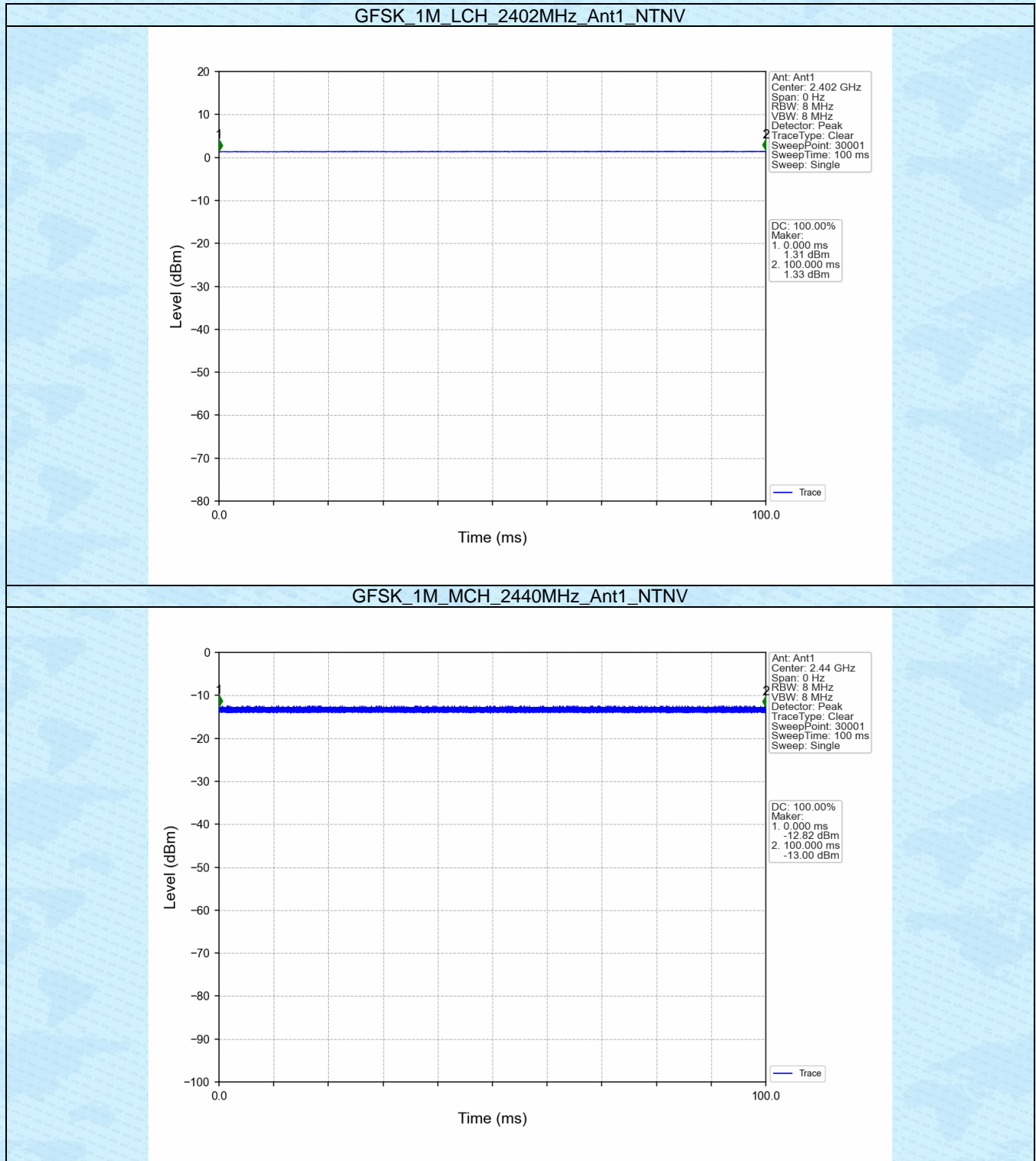
## 1. Duty Cycle

### 1.1 Ant1

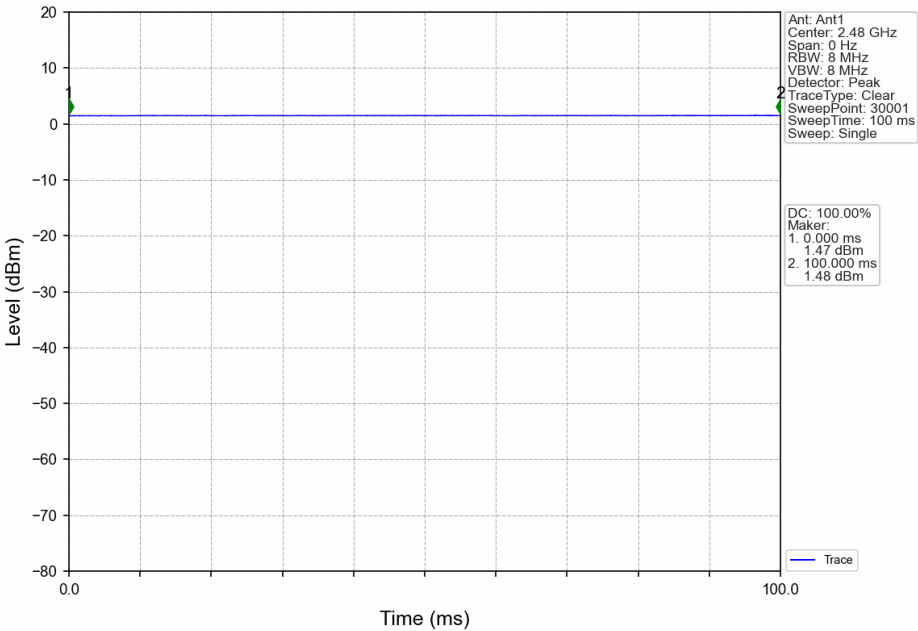
#### 1.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
GFSK_1M	SISO	2402	100.000	100.000	100.00	0.00	0.00
		2440	100.000	100.000	100.00	0.00	0.00
		2480	100.000	100.000	100.00	0.00	0.00
GFSK_2M	SISO	2402	100.000	100.000	100.00	0.00	0.00
		2440	100.000	100.000	100.00	0.00	0.00
		2480	100.000	100.000	100.00	0.00	0.00

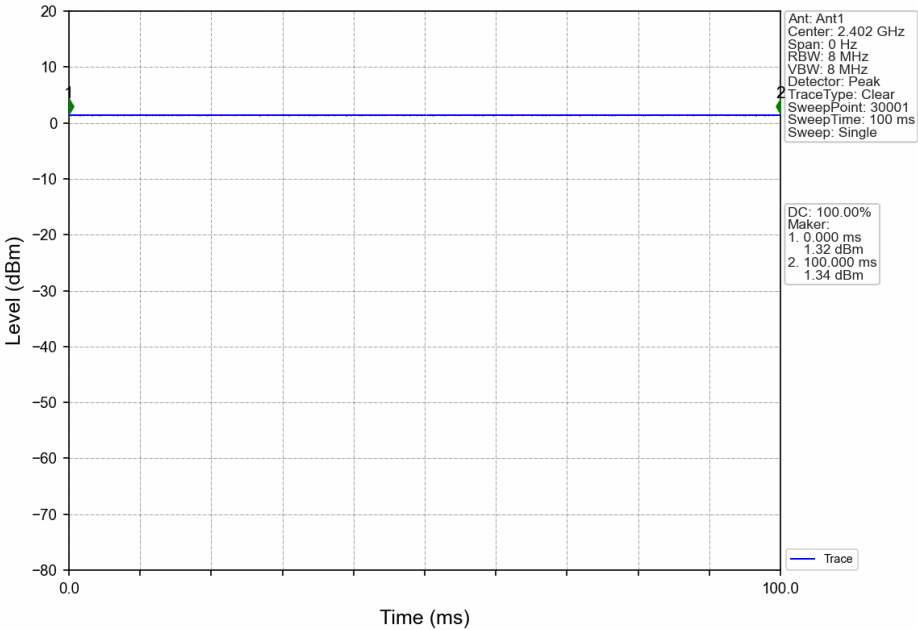
## 1.1.2 Test Graph



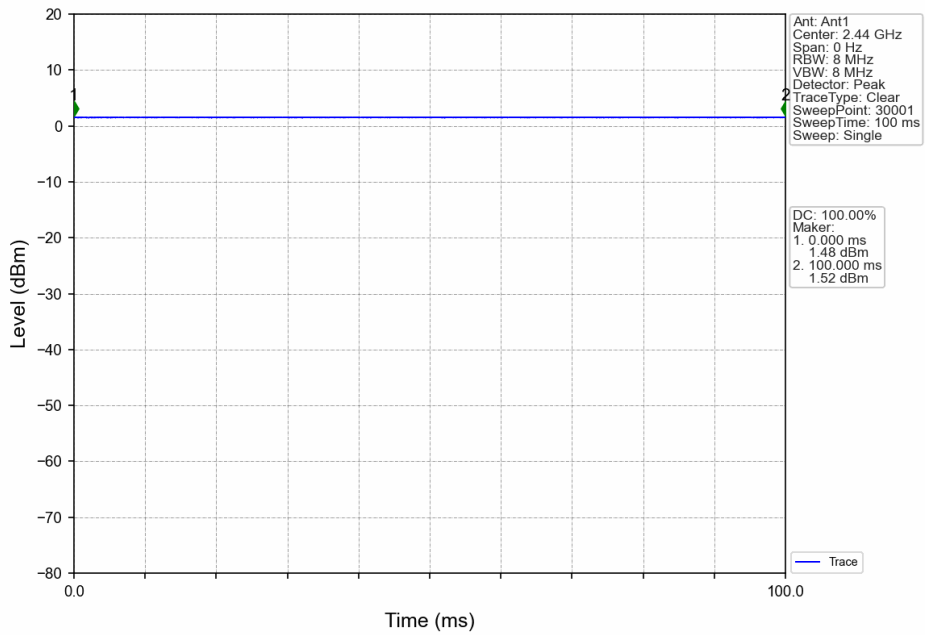
GFSK\_1M\_HCH\_2480MHz\_Ant1\_NTNV



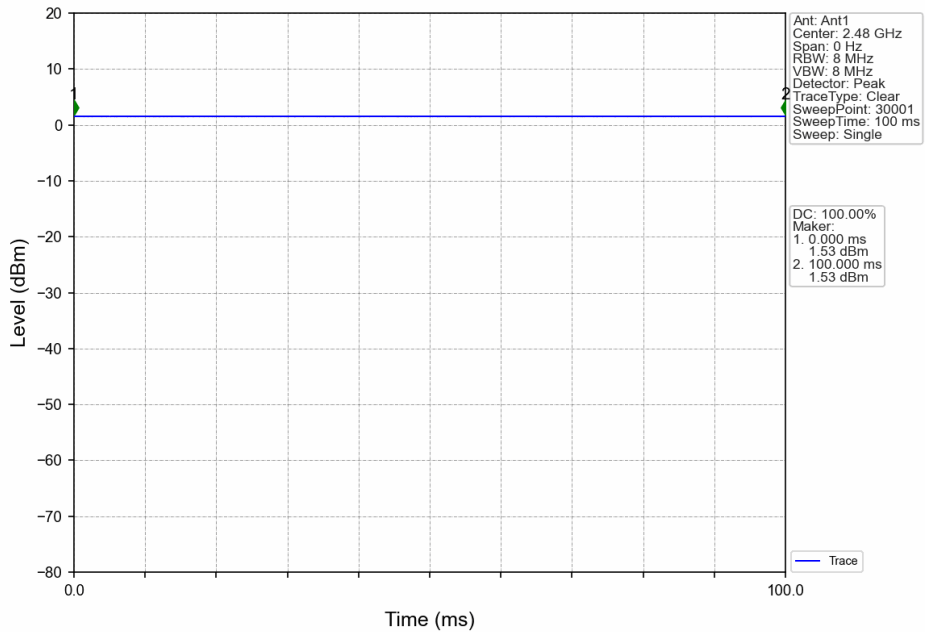
GFSK\_2M\_LCH\_2402MHz\_Ant1\_NTNV



GFSK\_2M\_MCH\_2440MHz\_Ant1\_NTV



GFSK\_2M\_HCH\_2480MHz\_Ant1\_NTV



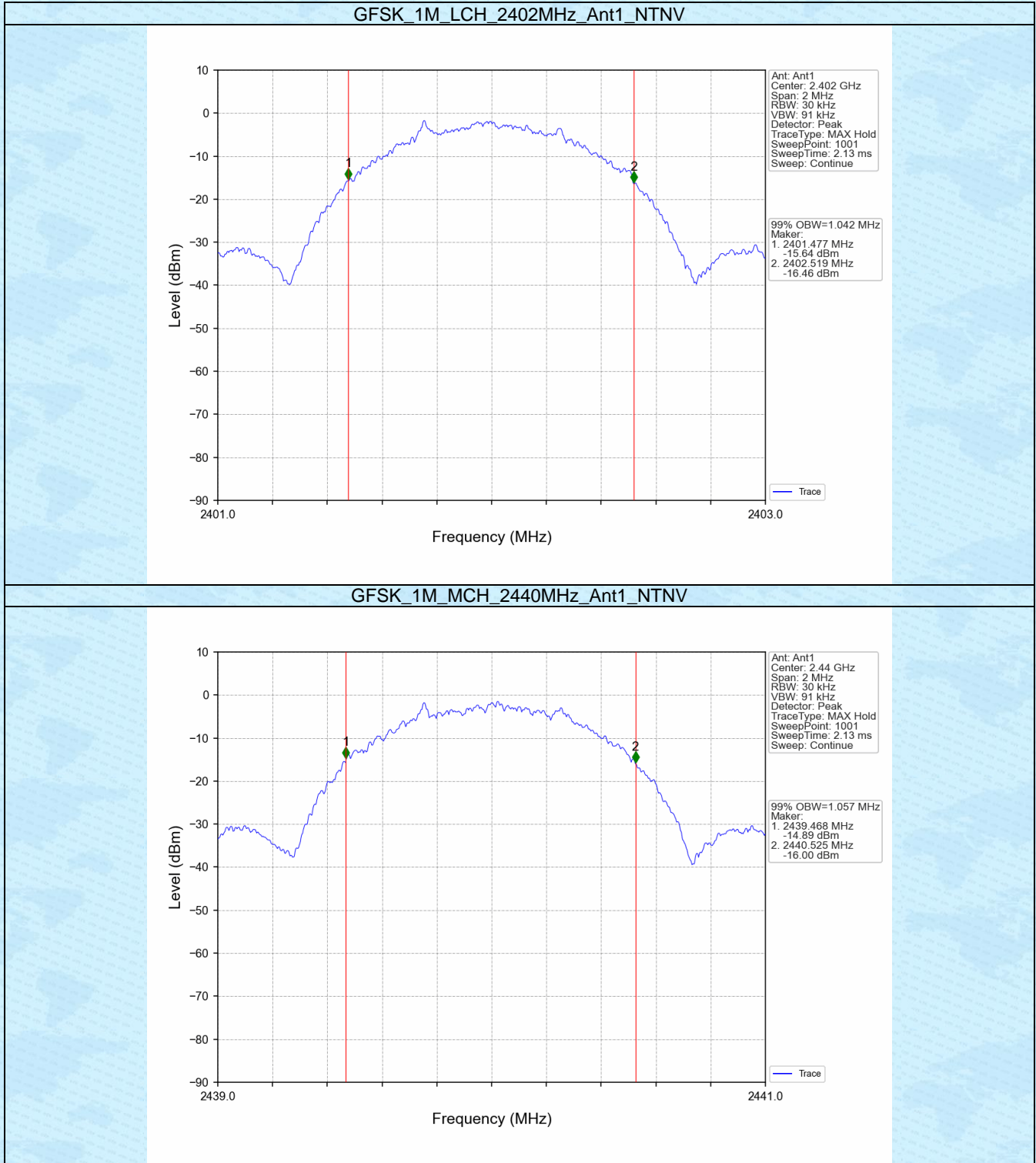
## 2. Bandwidth

### 2.1 OBW

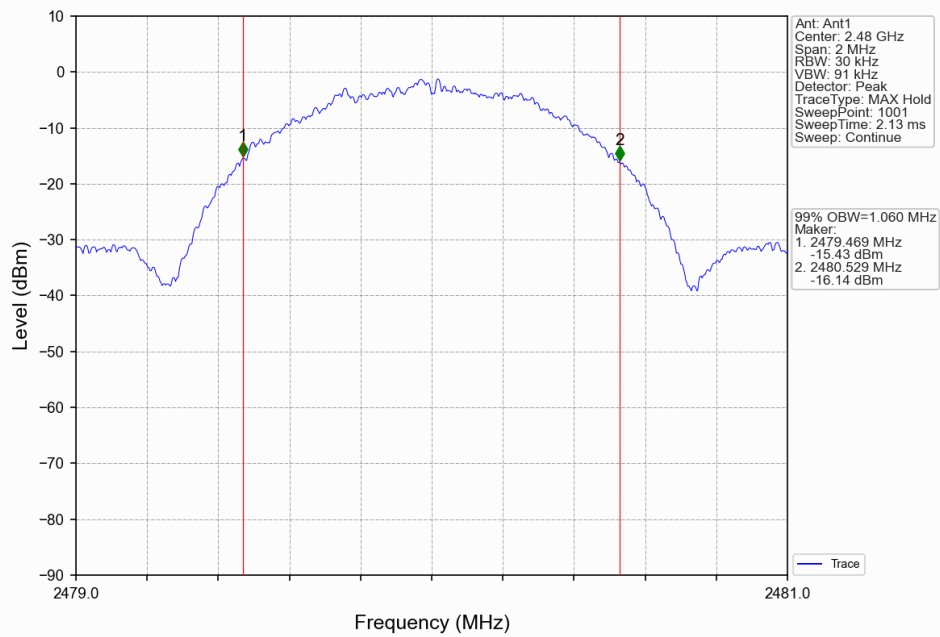
#### 2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
GFSK_1M	SISO	2402	1	1.042	Pass
		2440	1	1.057	Pass
		2480	1	1.060	Pass
GFSK_2M	SISO	2402	1	2.070	Pass
		2440	1	2.090	Pass
		2480	1	2.083	Pass

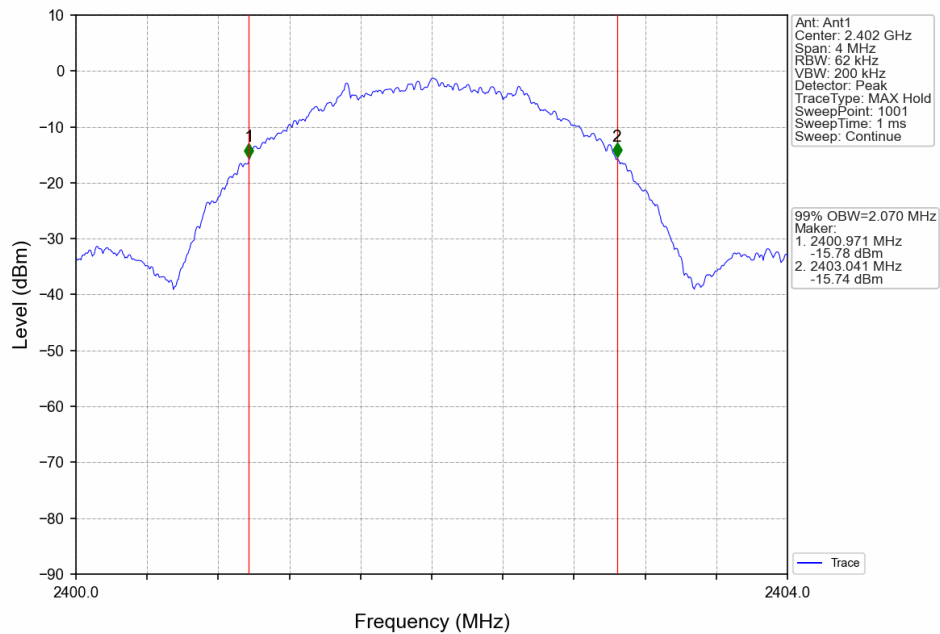
## 2.1.2 Test Graph



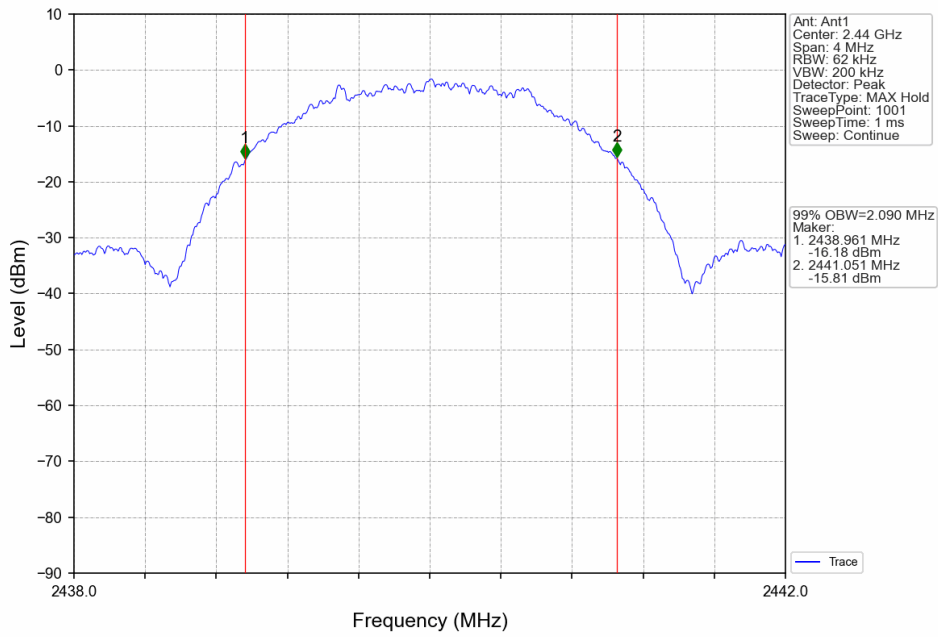
GFSK\_1M\_HCH\_2480MHz\_Ant1\_NTNV



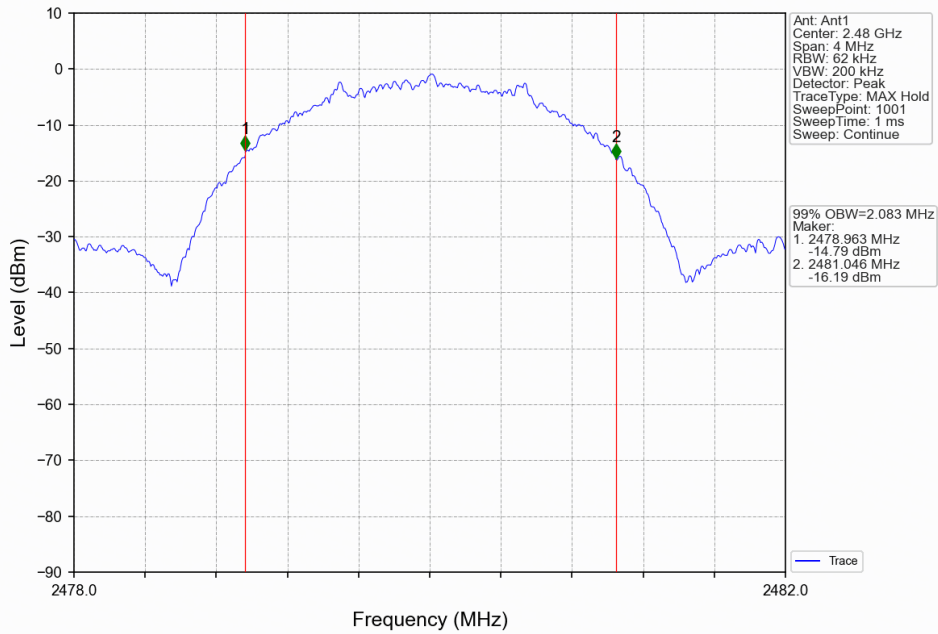
GFSK\_2M\_LCH\_2402MHz\_Ant1\_NTNV



GFSK\_2M\_MCH\_2440MHz\_Ant1\_NTNV



GFSK\_2M\_HCH\_2480MHz\_Ant1\_NTNV



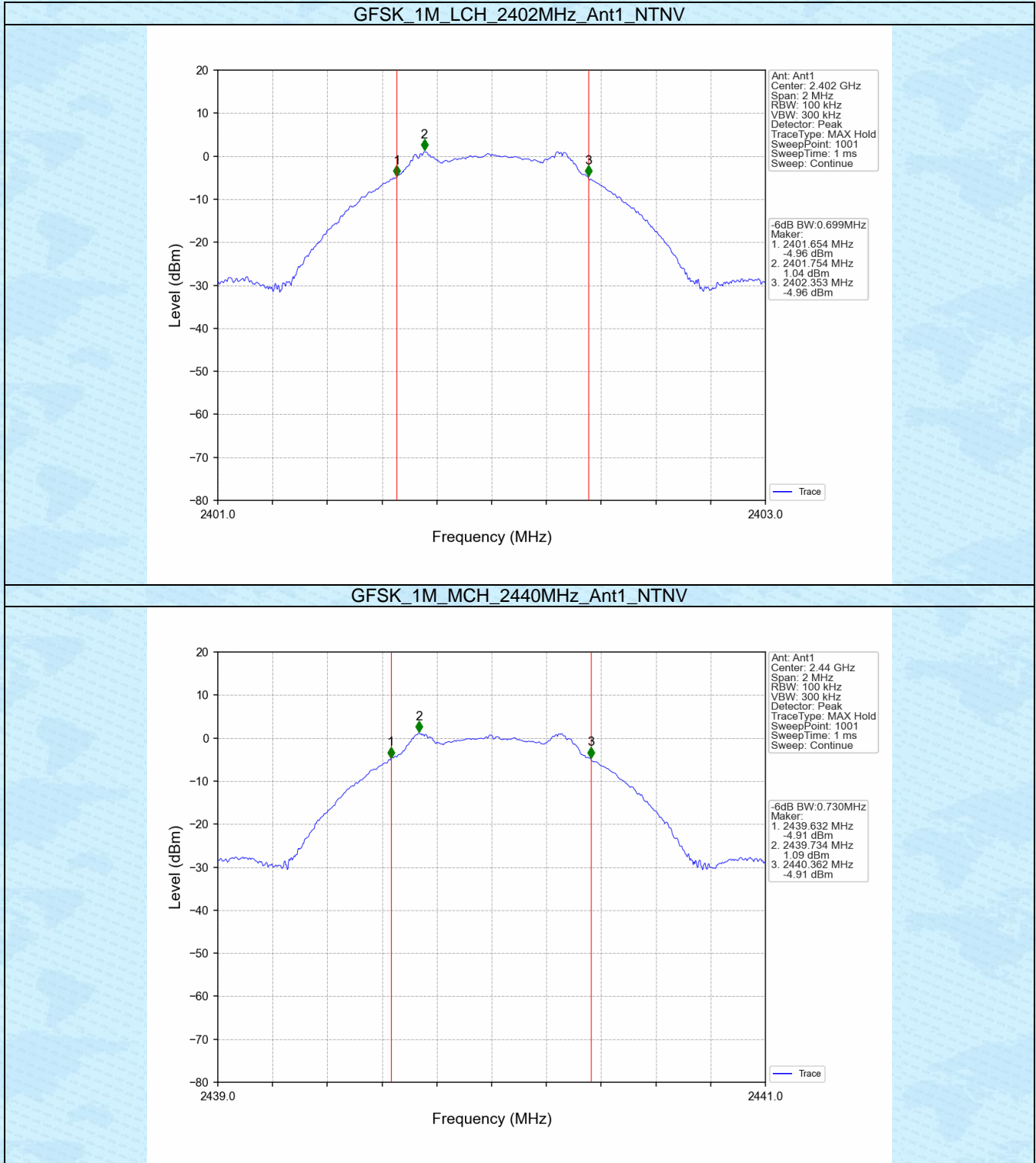


## 2.2 6dB BW

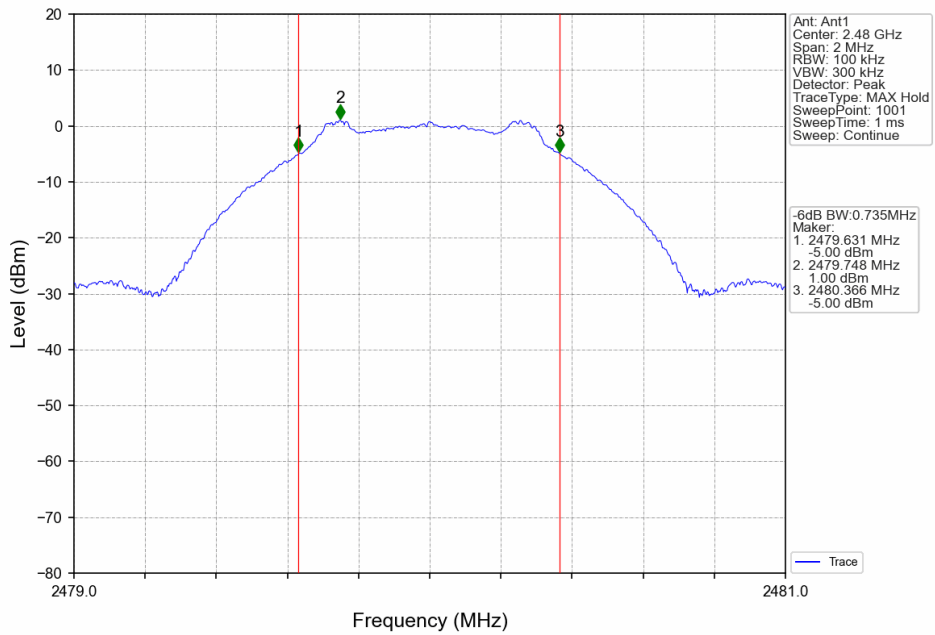
### 2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
GFSK_1M	SISO	2402	1	0.699	$\geq 0.5$	Pass
		2440	1	0.730	$\geq 0.5$	Pass
		2480	1	0.735	$\geq 0.5$	Pass
GFSK_2M	SISO	2402	1	1.366	$\geq 0.5$	Pass
		2440	1	1.411	$\geq 0.5$	Pass
		2480	1	1.393	$\geq 0.5$	Pass

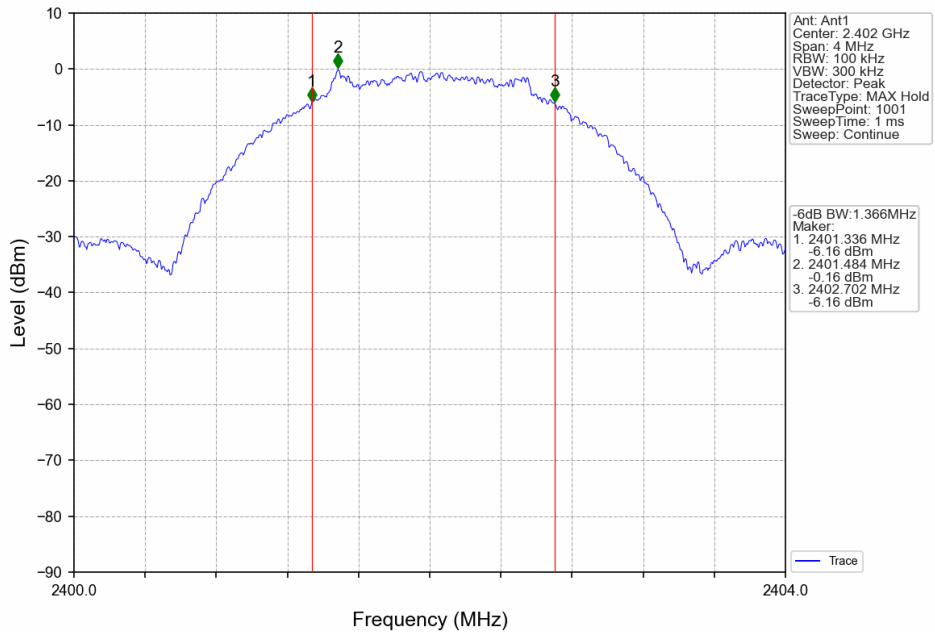
## 2.2.2 Test Graph



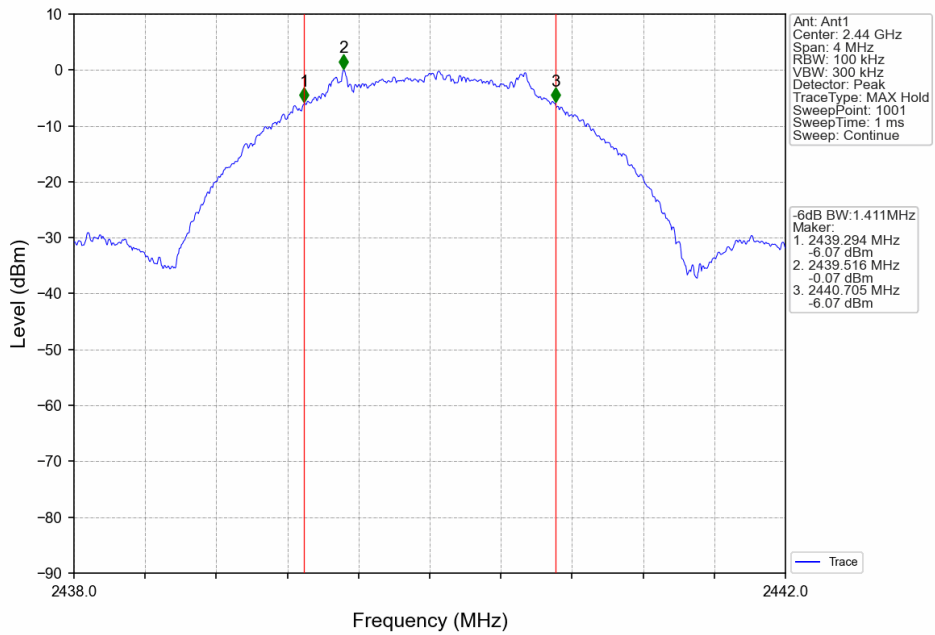
GFSK\_1M\_HCH\_2480MHz\_Ant1\_NTNV



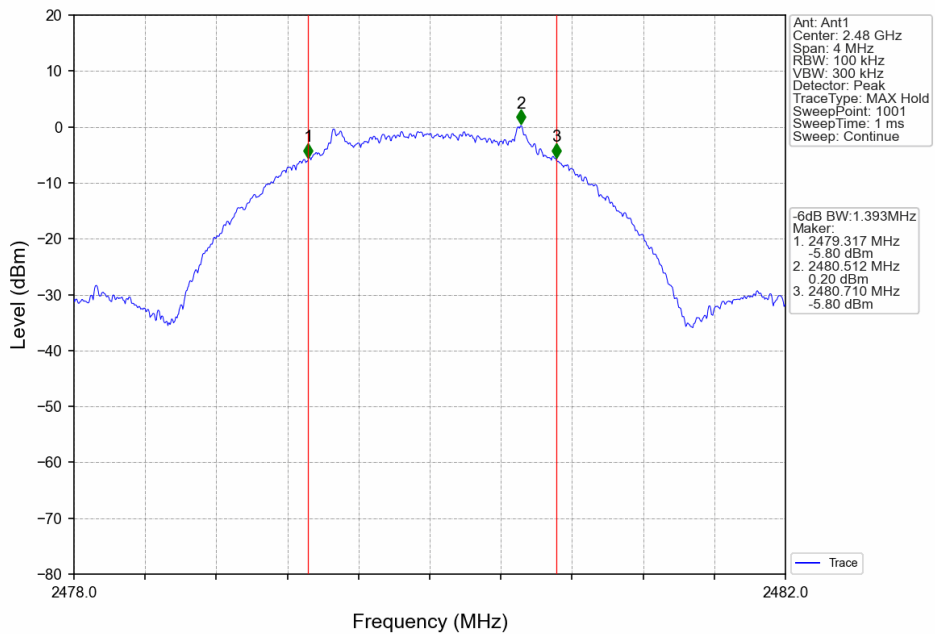
GFSK\_2M\_LCH\_2402MHz\_Ant1\_NTNV



GFSK\_2M\_MCH\_2440MHz\_Ant1\_NTNV



GFSK\_2M\_HCH\_2480MHz\_Ant1\_NTNV



## 3. Maximum Conducted Output Power

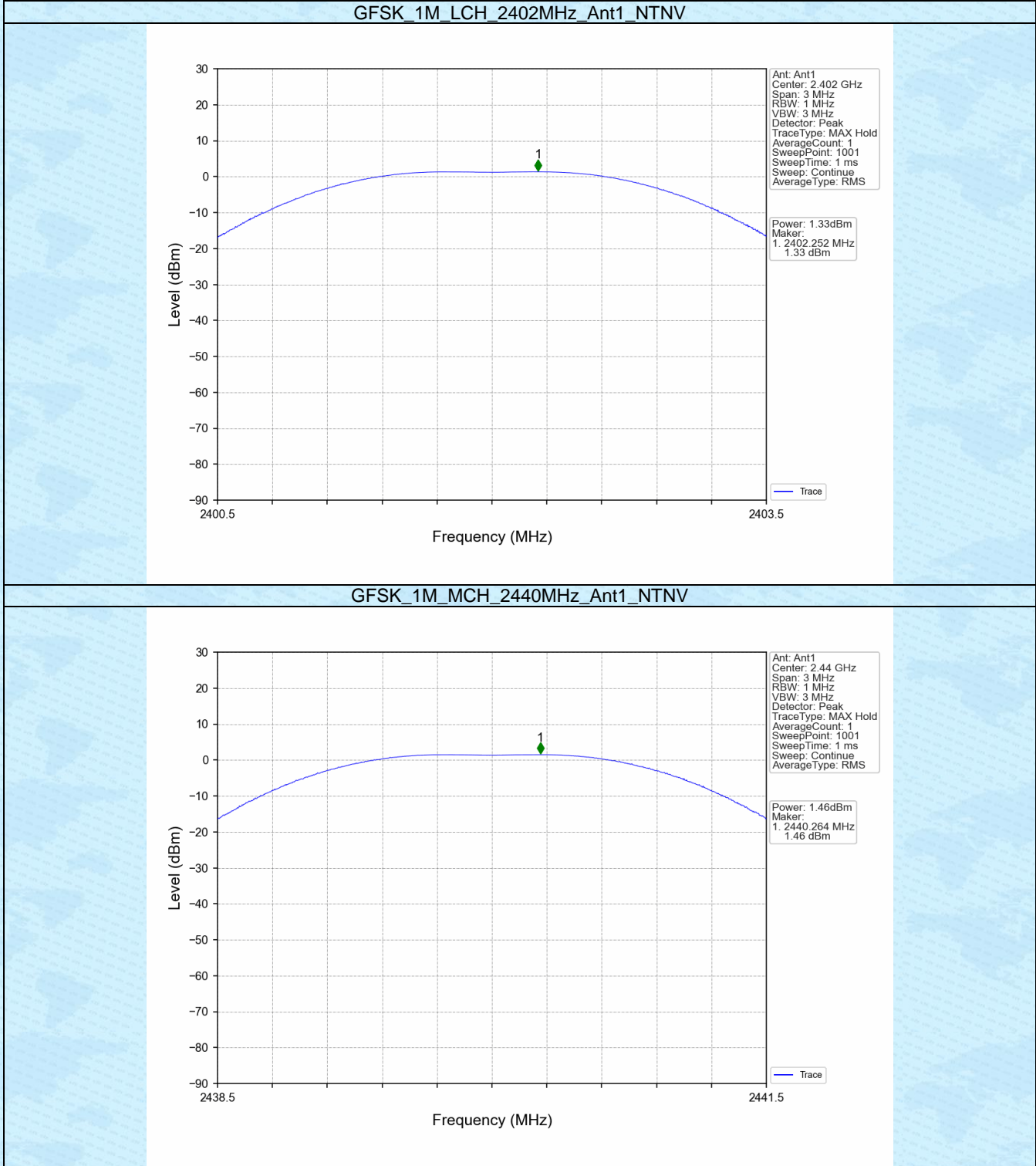
### 3.1 Power

#### 3.1.1 Test Result

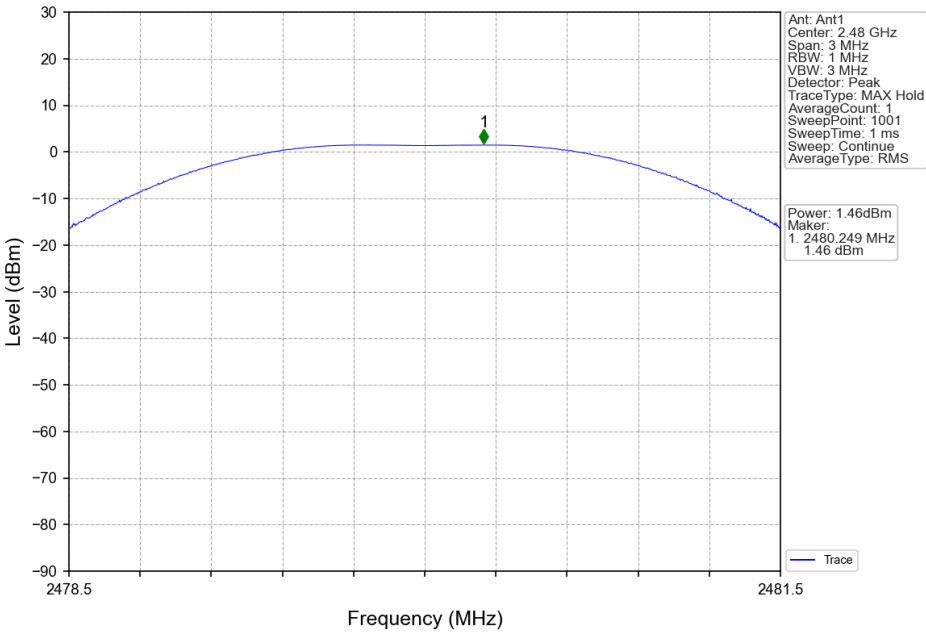
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
GFSK_1M	SISO	2402	1.33	<=30	Pass
		2440	1.46	<=30	Pass
		2480	1.46	<=30	Pass
GFSK_2M	SISO	2402	1.32	<=30	Pass
		2440	1.47	<=30	Pass
		2480	1.46	<=30	Pass

Note1: Antenna Gain: Ant1: 1.00dBi;

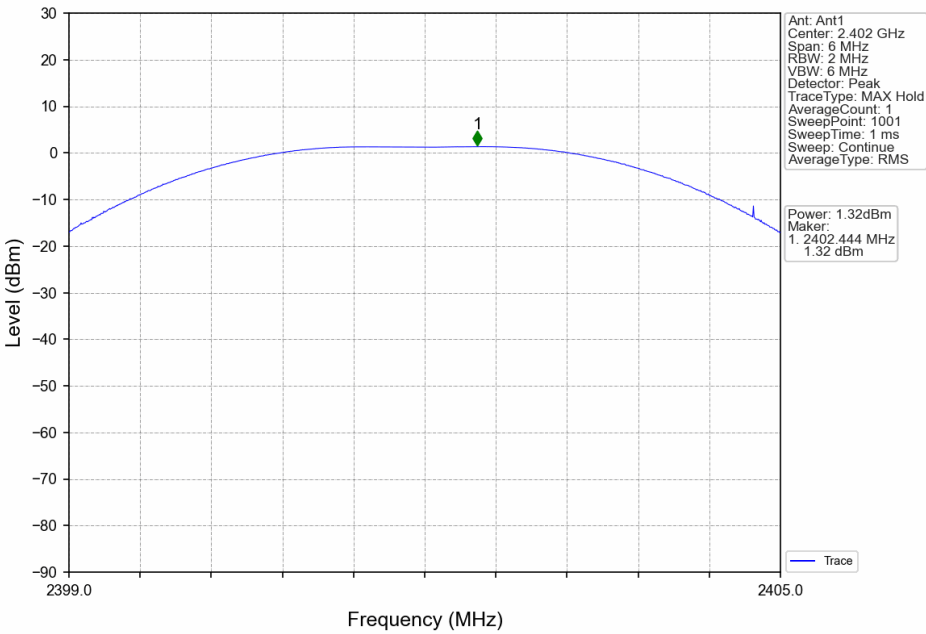
### 3.1.2 Test Graph



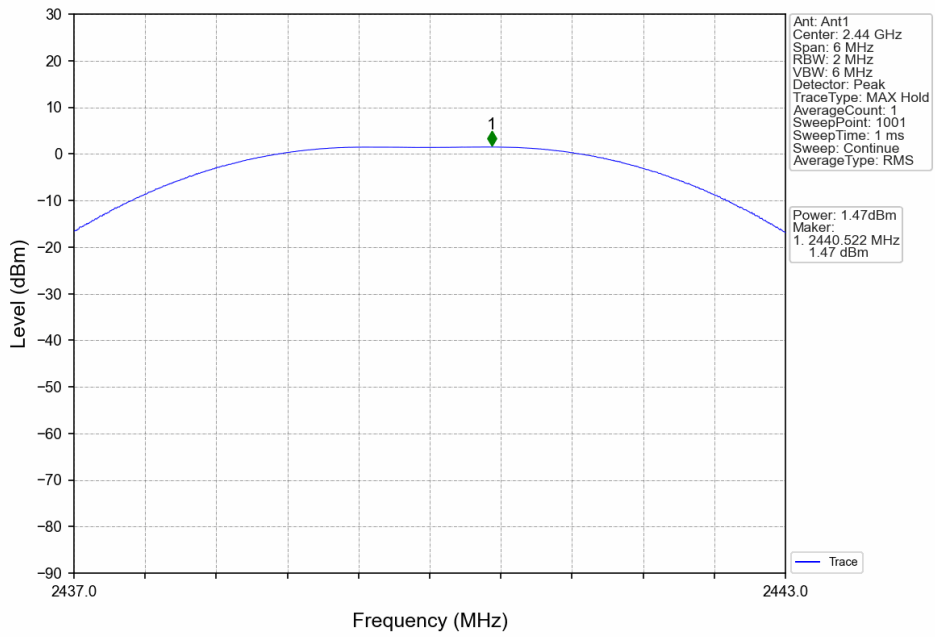
GFSK\_1M\_HCH\_2480MHz\_Ant1\_NTNV



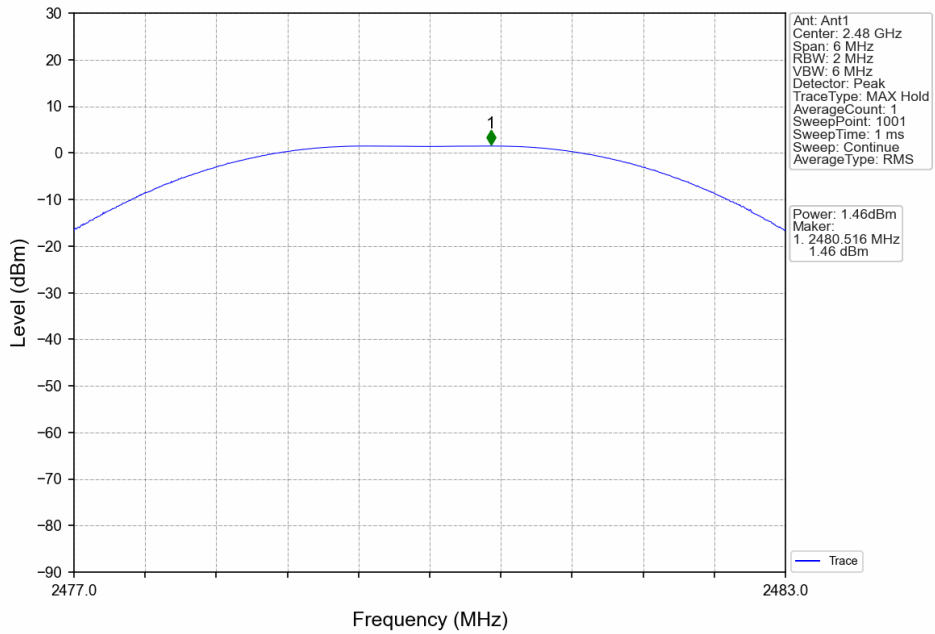
GFSK\_2M\_LCH\_2402MHz\_Ant1\_NTNV



GFSK\_2M\_MCH\_2440MHz\_Ant1\_NTNV



GFSK\_2M\_HCH\_2480MHz\_Ant1\_NTNV





## 4. Maximum Power Spectral Density

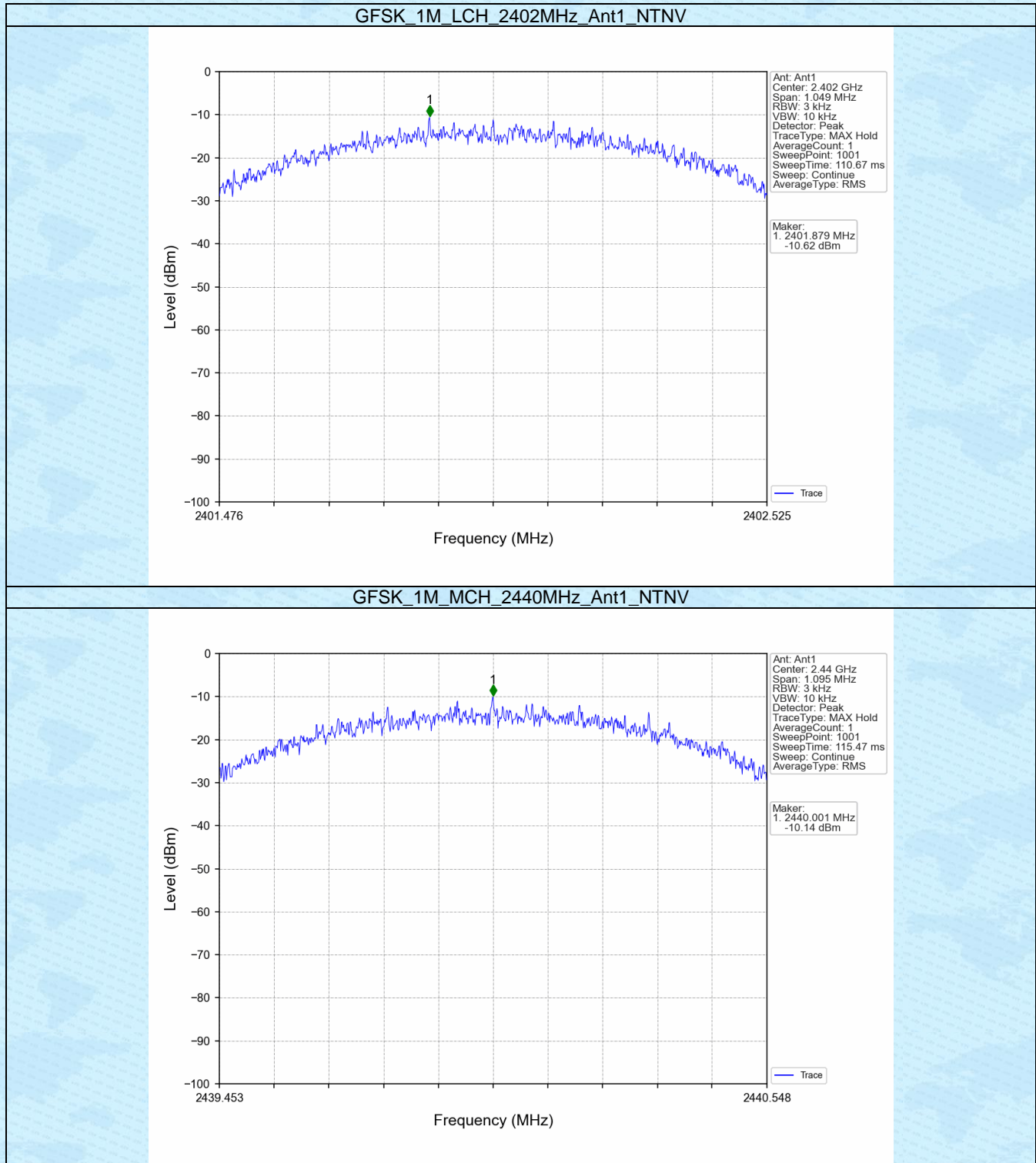
### 4.1 PSD

#### 4.1.1 Test Result

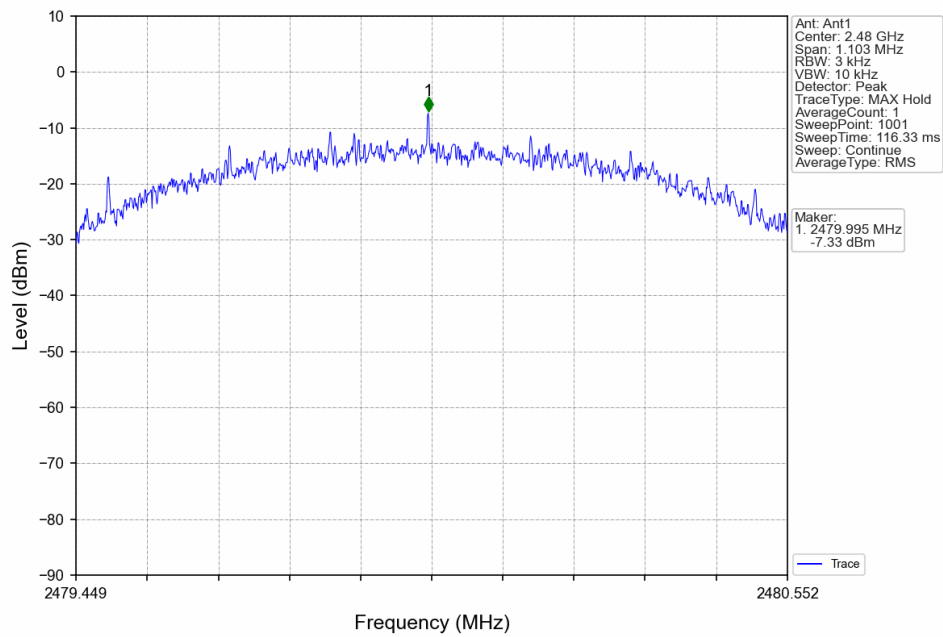
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
GFSK_1M	SISO	2402	-10.62	<=8	Pass
		2440	-10.14	<=8	Pass
		2480	-7.33	<=8	Pass
GFSK_2M	SISO	2402	-13.79	<=8	Pass
		2440	-13.31	<=8	Pass
		2480	-13.27	<=8	Pass

Note1: Antenna Gain: Ant1: 1.00dBi;

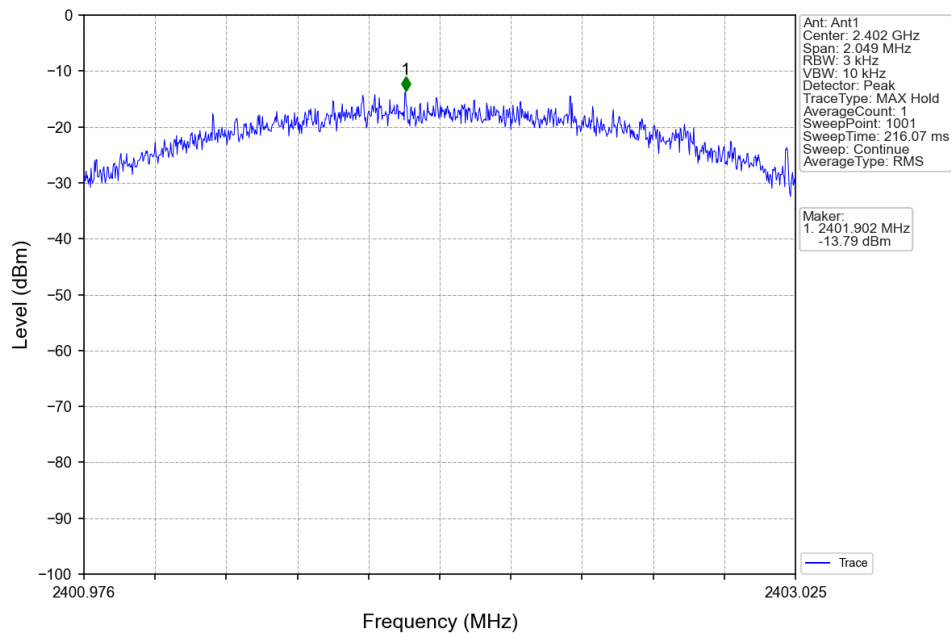
## 4.1.2 Test Graph



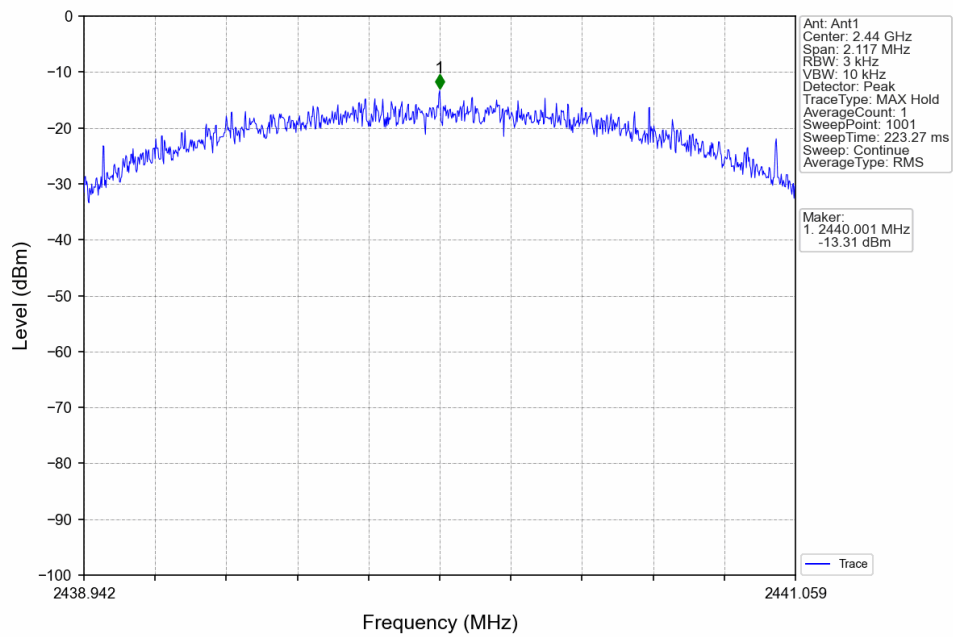
GFSK\_1M\_HCH\_2480MHz\_Ant1\_NTNV



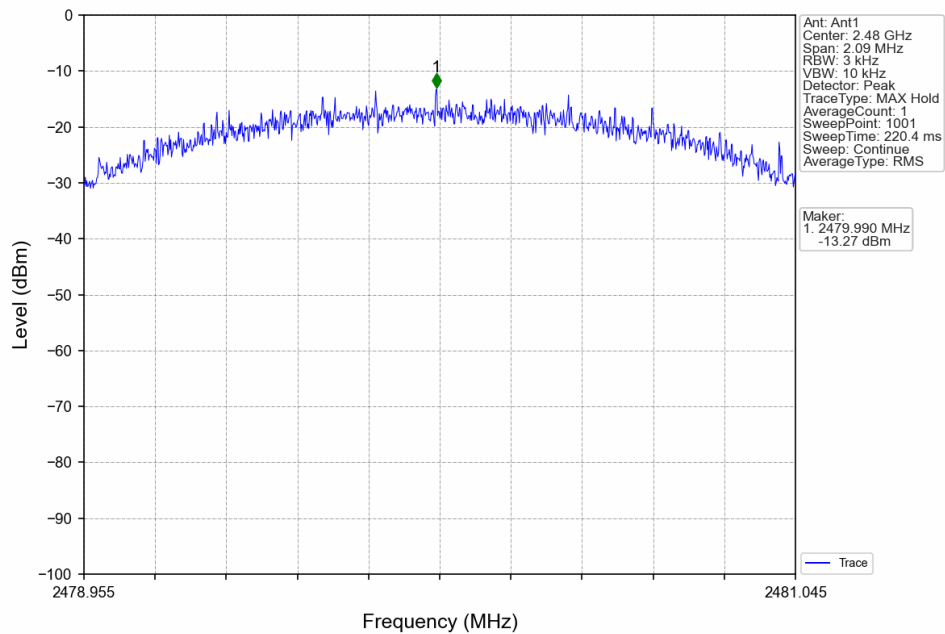
GFSK\_2M\_LCH\_2402MHz\_Ant1\_NTNV



GFSK\_2M\_MCH\_2440MHz\_Ant1\_NTNV



GFSK\_2M\_HCH\_2480MHz\_Ant1\_NTNV



## 5. Unwanted Emissions In Non-restricted Frequency Bands

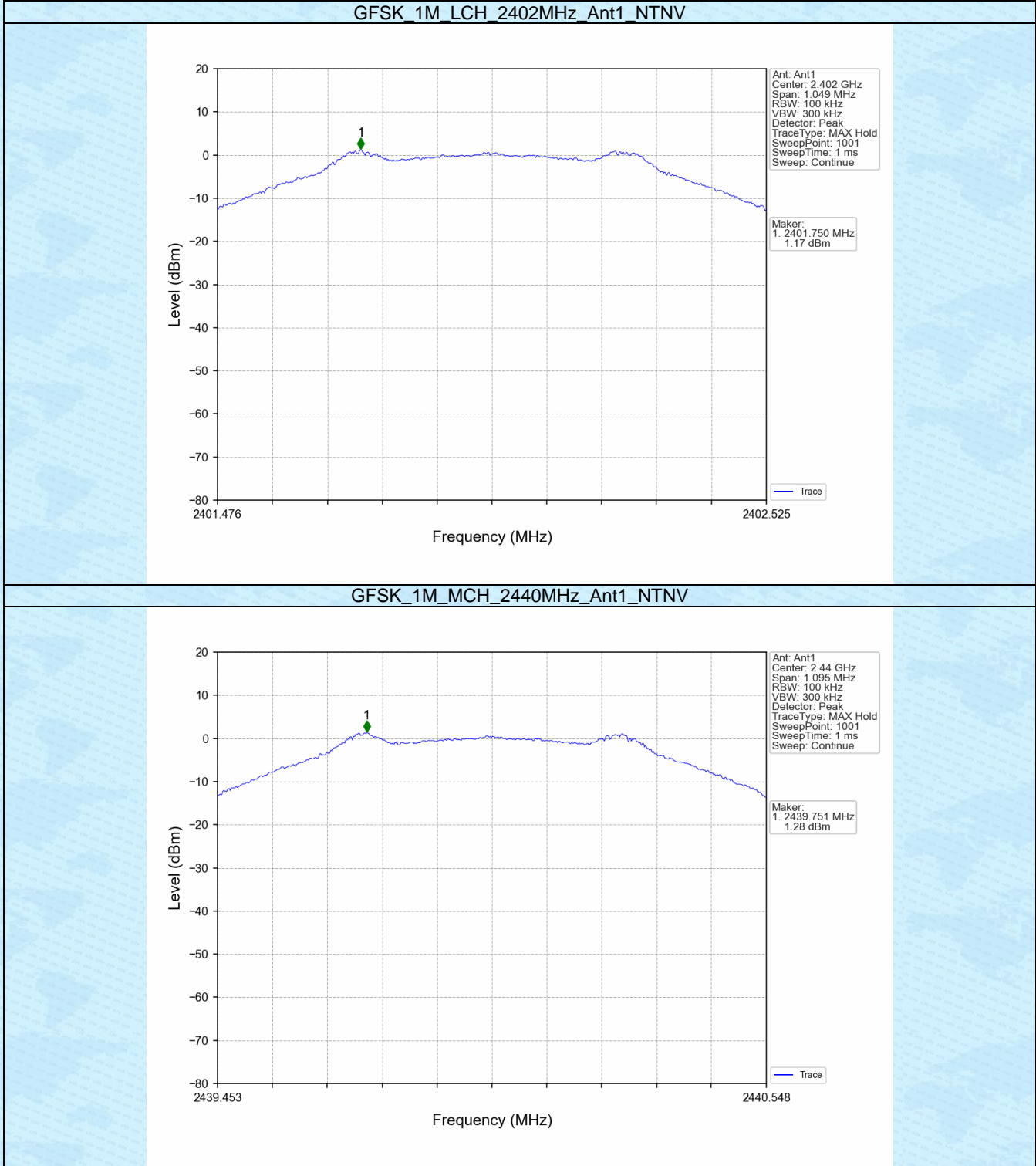
### 5.1 Ref

#### 5.1.1 Test Result

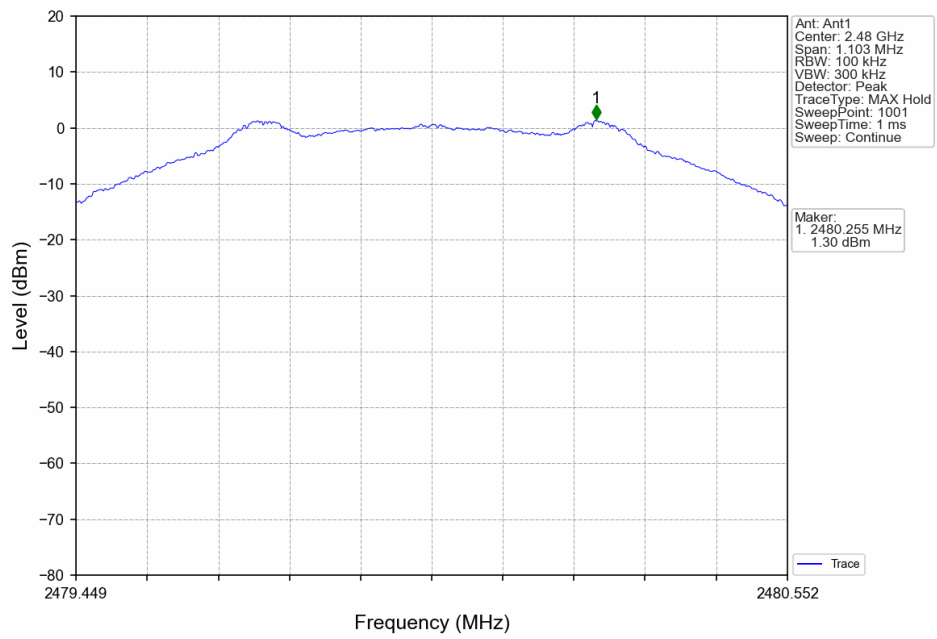
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
GFSK_1M	SISO	2402	1	1.17
		2440	1	1.28
		2480	1	1.30
GFSK_2M	SISO	2402	1	-0.15
		2440	1	0.07
		2480	1	0.19

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.

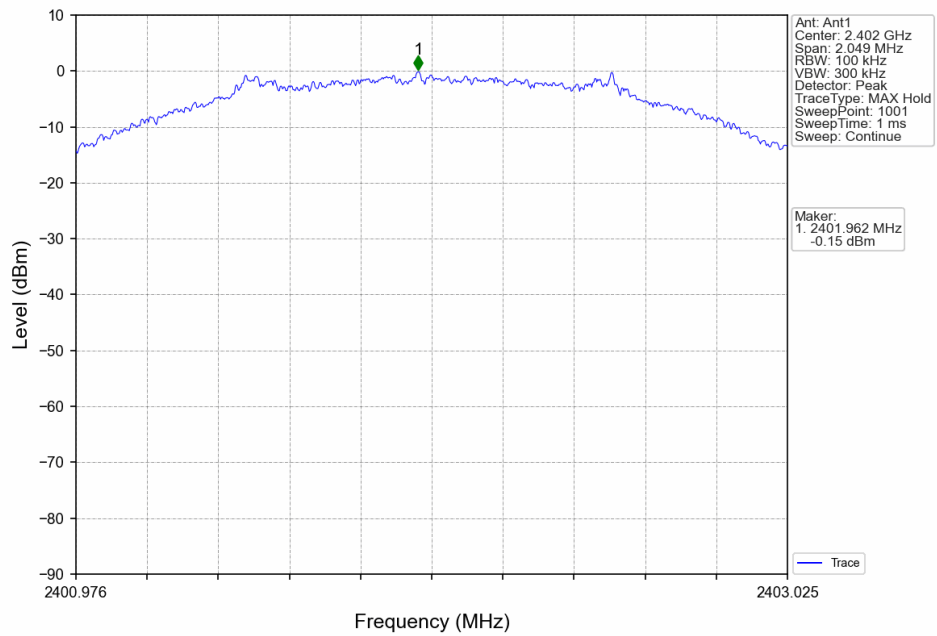
## 5.1.2 Test Graph



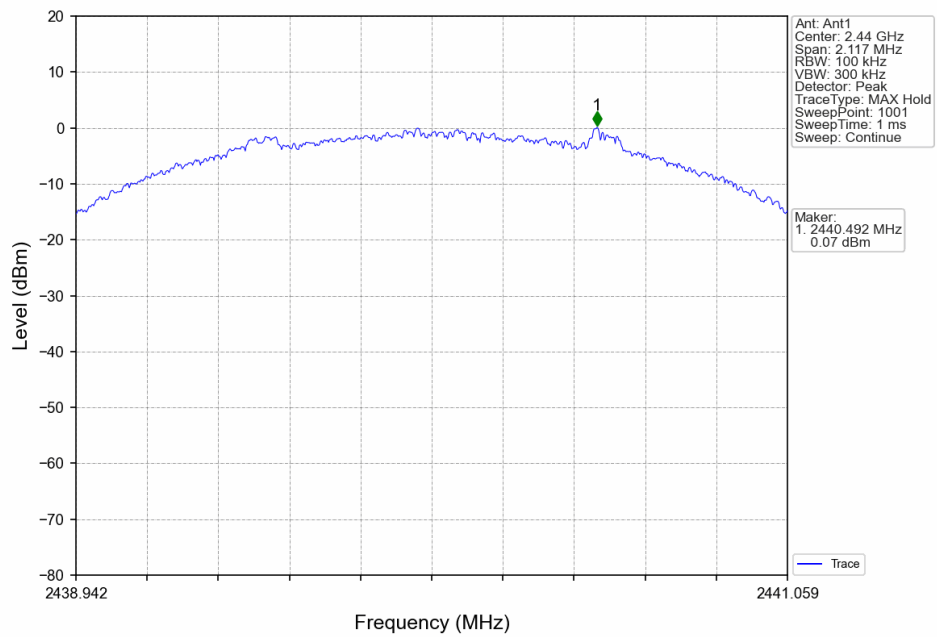
GFSK\_1M\_HCH\_2480MHz\_Ant1\_NTNV



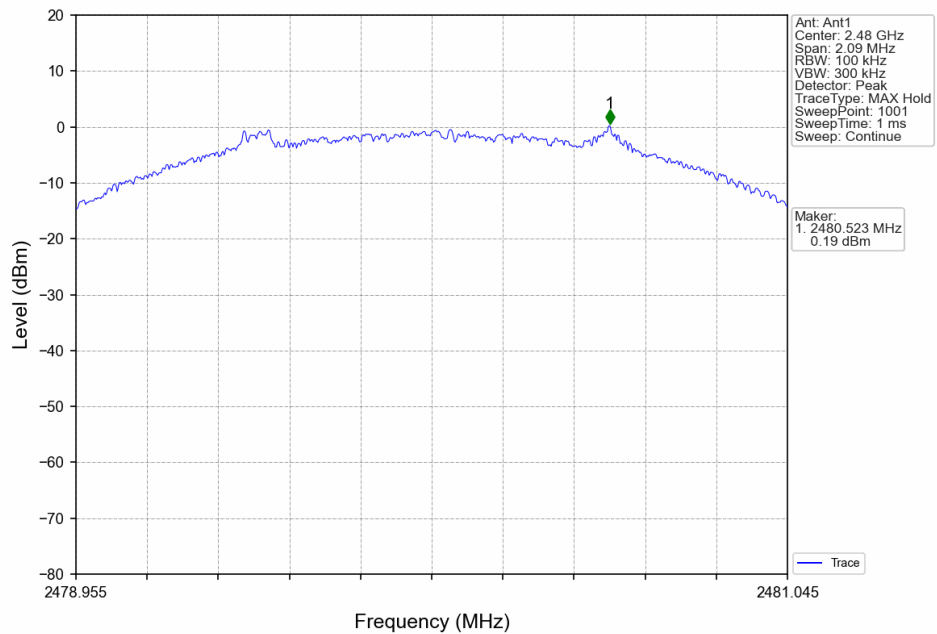
GFSK\_2M\_LCH\_2402MHz\_Ant1\_NTNV



GFSK\_2M\_MCH\_2440MHz\_Ant1\_NTNV



GFSK\_2M\_HCH\_2480MHz\_Ant1\_NTNV





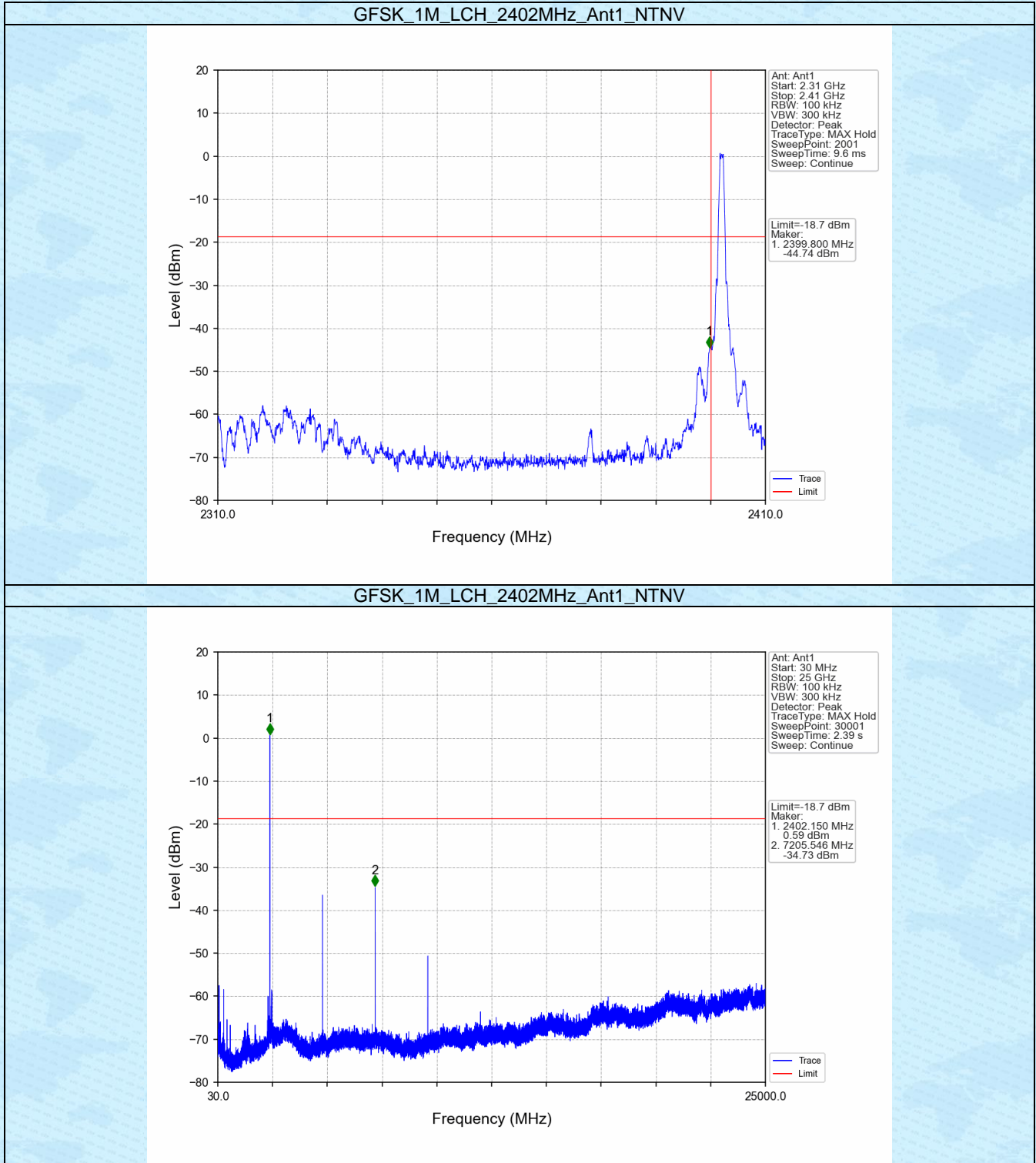
## 5.2 CSE

### 5.2.1 Test Result

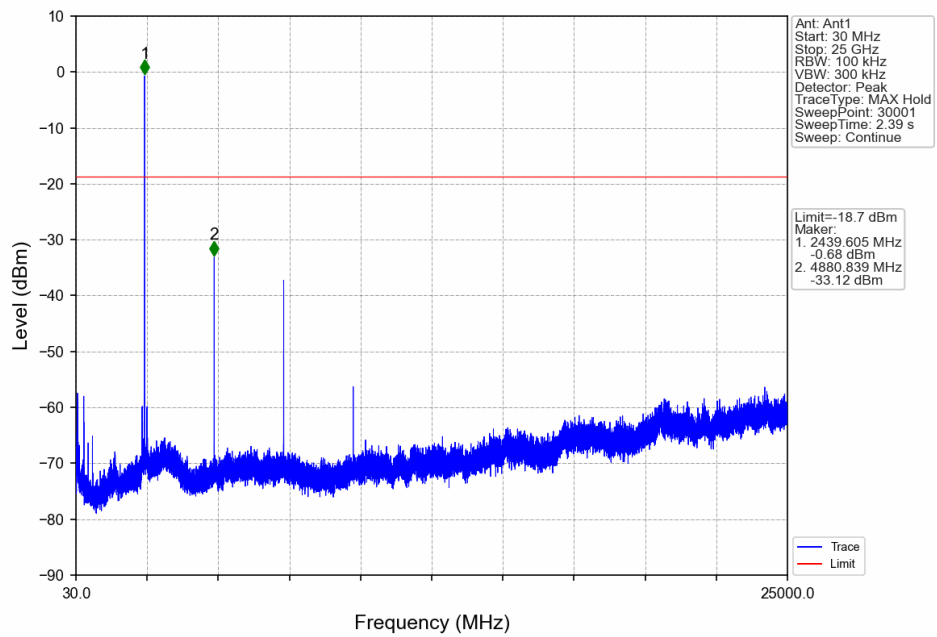
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK_1M	SISO	2402	1	1.30	-18.70	Pass
		2440	1	1.30	-18.70	Pass
		2480	1	1.30	-18.70	Pass
GFSK_2M	SISO	2402	1	0.19	-19.81	Pass
		2440	1	0.19	-19.81	Pass
		2480	1	0.19	-19.81	Pass

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.

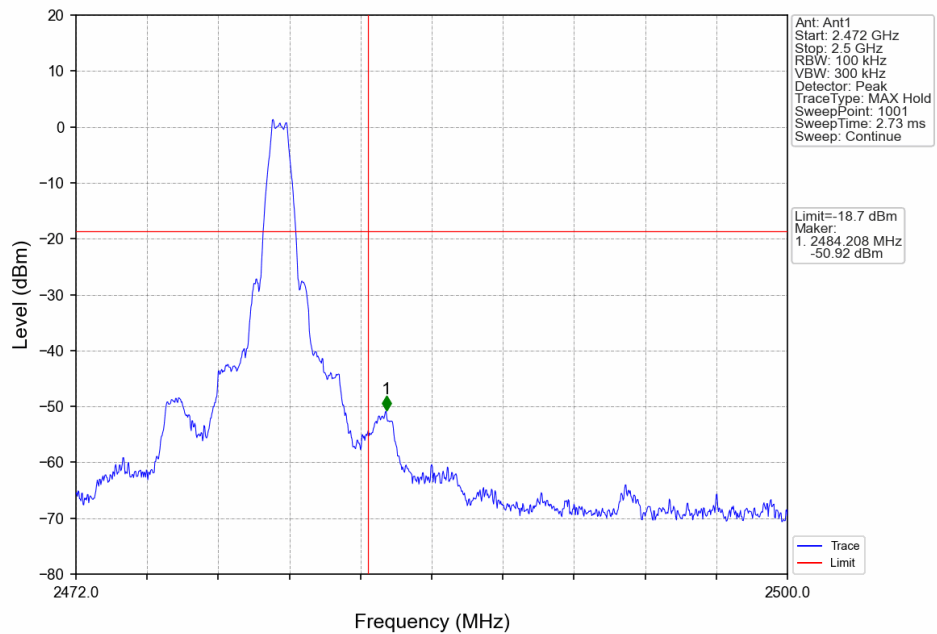
## 5.2.2 Test Graph



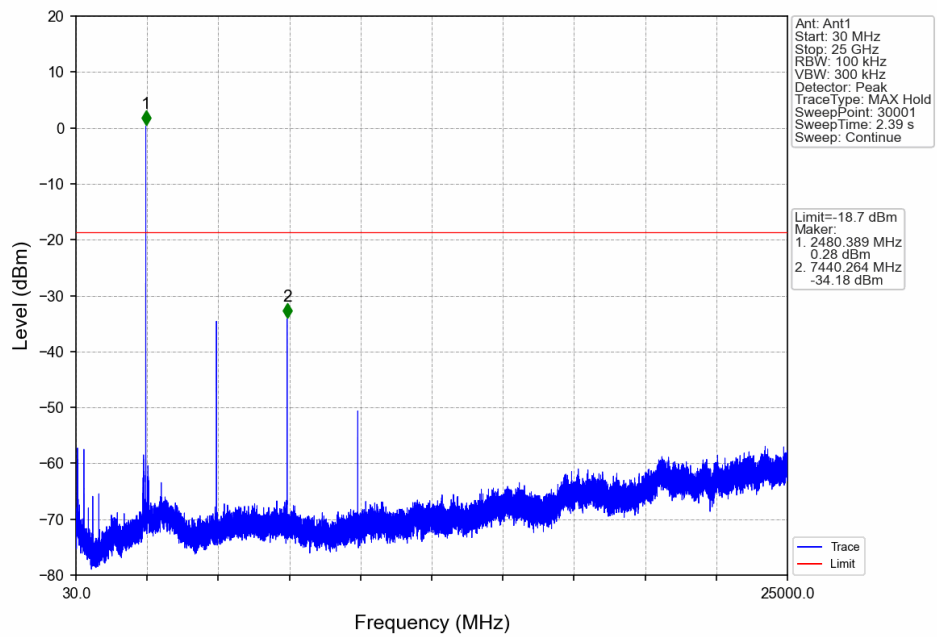
GFSK\_1M\_MCH\_2440MHz\_Ant1\_NTNV



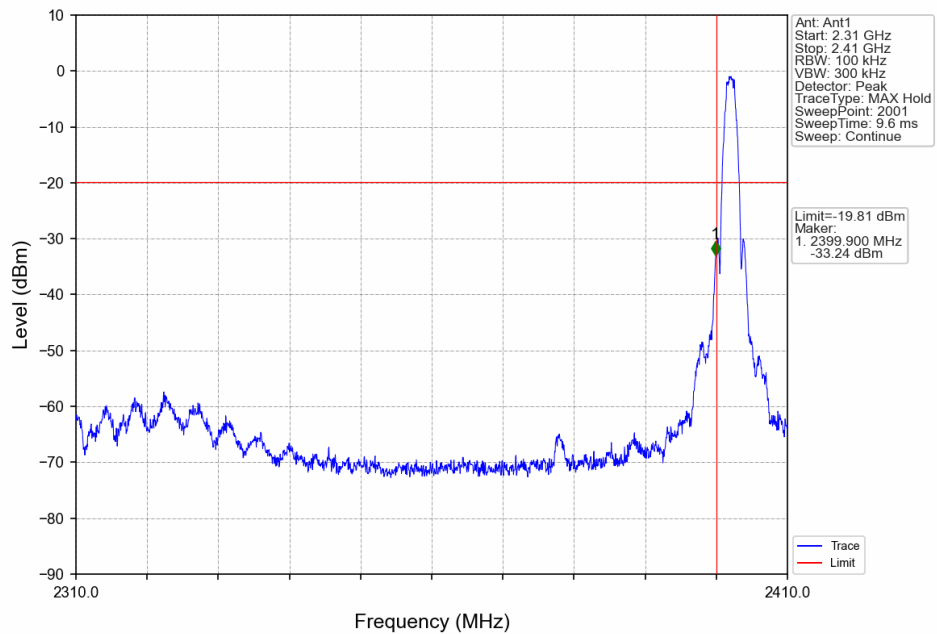
GFSK\_1M\_HCH\_2480MHz\_Ant1\_NTNV



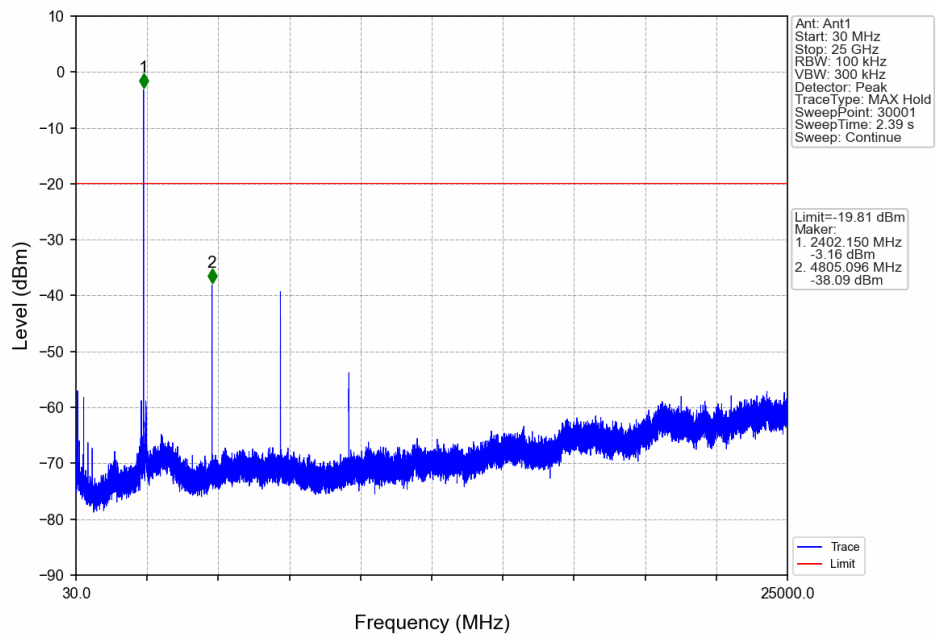
GFSK\_1M\_HCH\_2480MHz\_Ant1\_NTNV



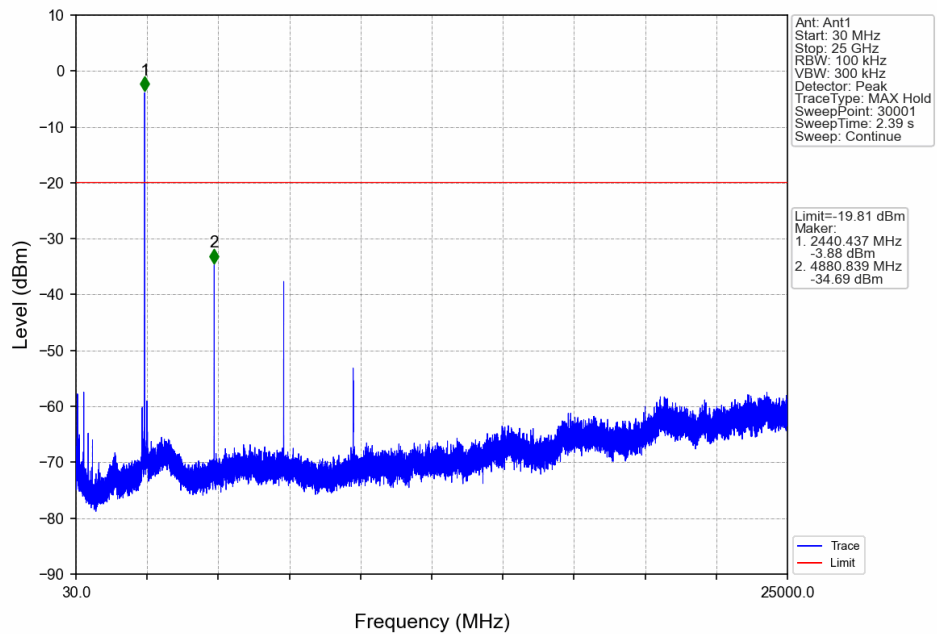
GFSK\_2M\_LCH\_2402MHz\_Ant1\_NTNV



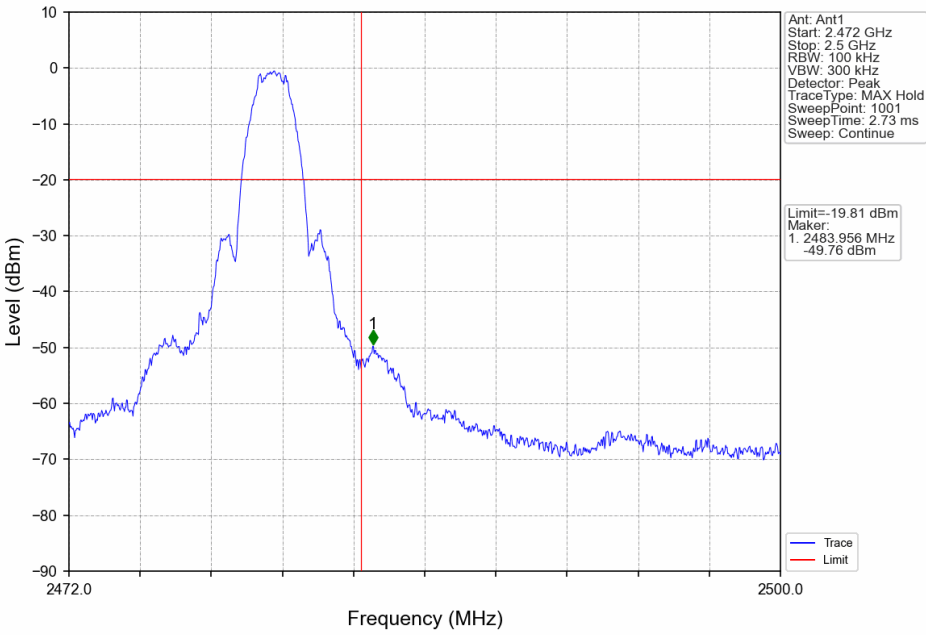
GFSK\_2M\_LCH\_2402MHz\_Ant1\_NTNV



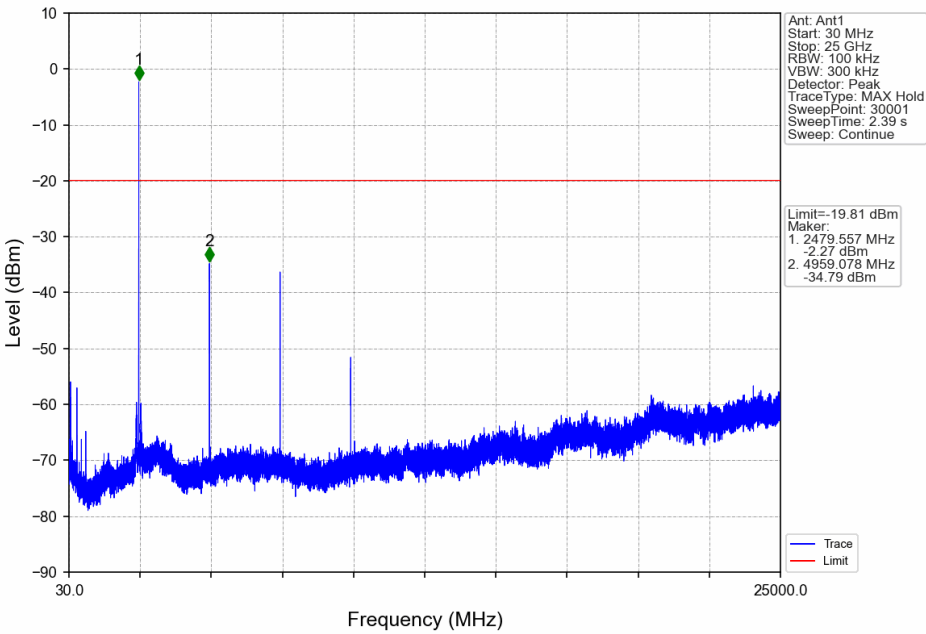
GFSK\_2M\_MCH\_2440MHz\_Ant1\_NTNV



GFSK\_2M\_HCH\_2480MHz\_Ant1\_NTNV



GFSK\_2M\_HCH\_2480MHz\_Ant1\_NTNV



-----End-----