1. Duty Cycle

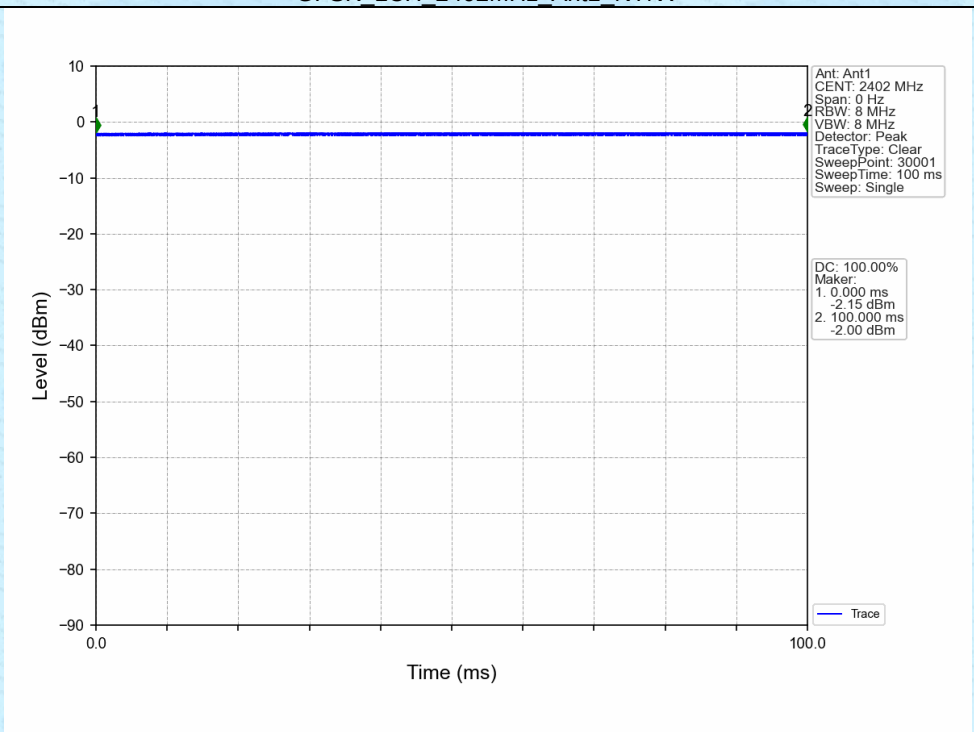
1.1 Ant1

1.1.1 Test Result

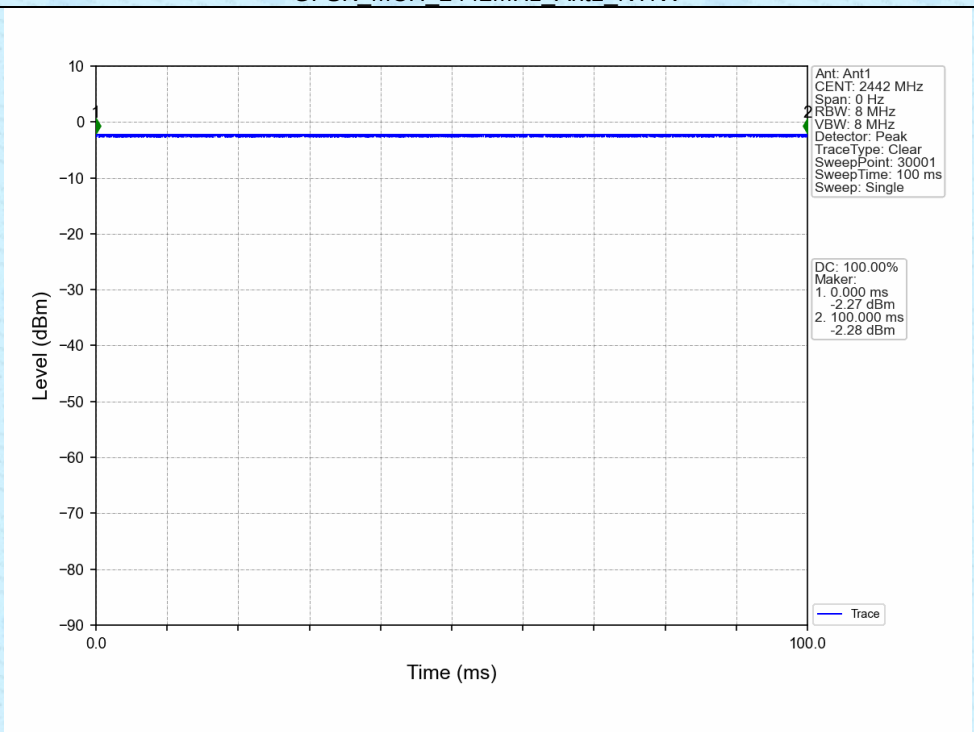
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
GFSK	SISO	2402	100.000	100.000	100.00	0.00	0.00
		2442	100.000	100.000	100.00	0.00	0.00
		2480	100.000	100.000	100.00	0.00	0.00

1.1.2 Test Graph

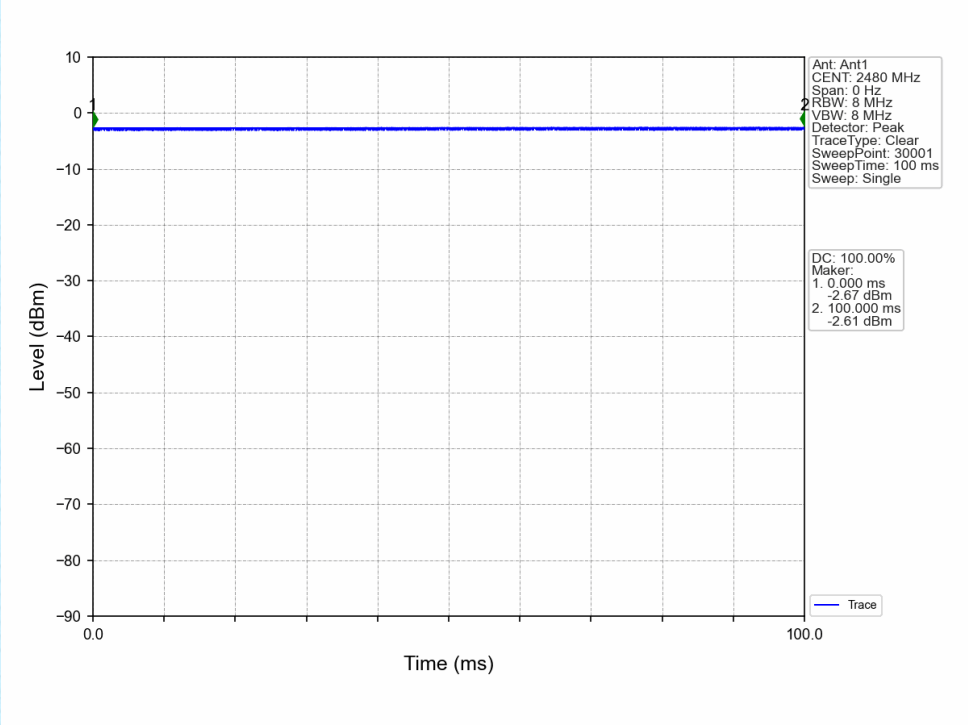
GFSK_LCH_2402MHz_Ant1_NTNV



GFSK_MCH_2442MHz_Ant1_NTNV



GFSK_HCH_2480MHz_Ant1_NTNV



2. Bandwidth

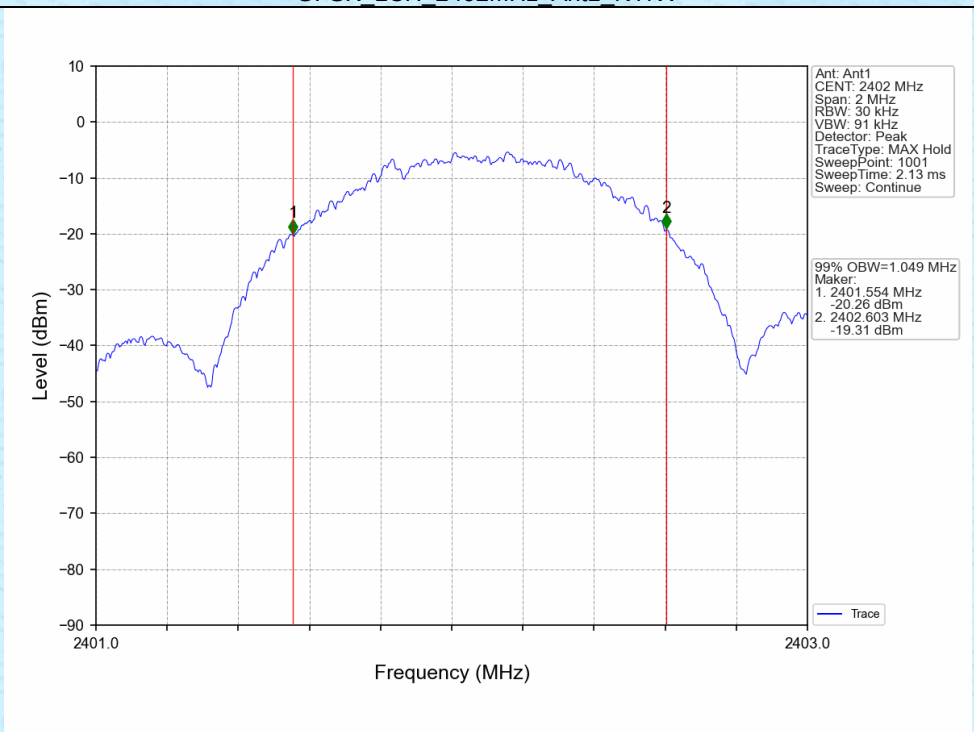
2.1 OBW

2.1.1 Test Result

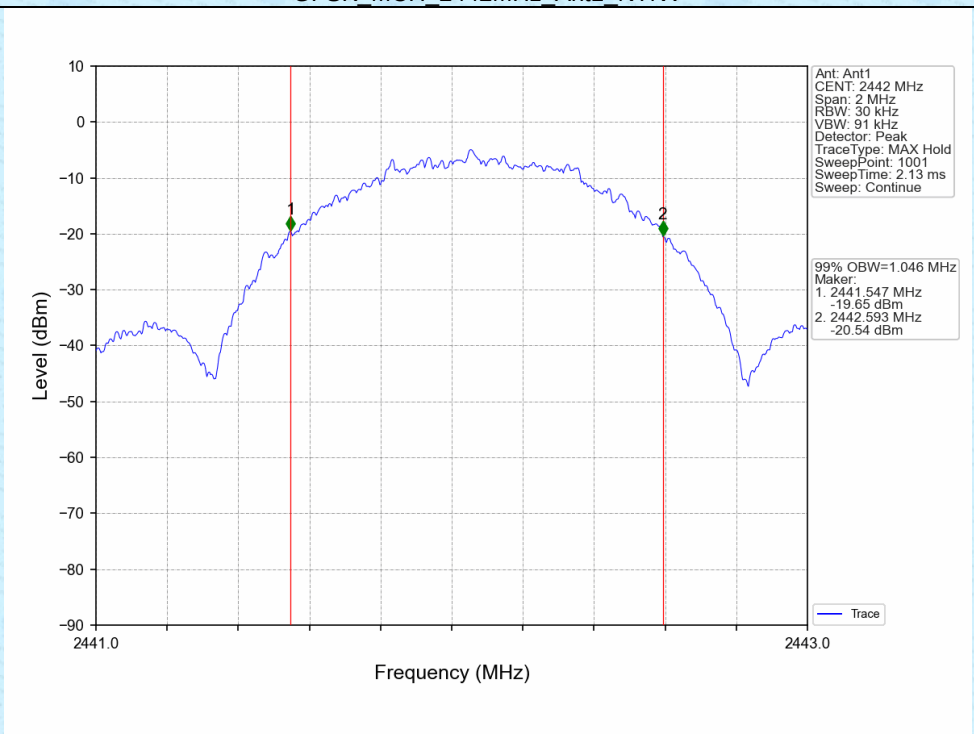
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz) Result	Verdict
GFSK	SISO	2402	1	1.049	Pass
		2442	1	1.046	Pass
		2480	1	1.045	Pass

2.1.2 Test Graph

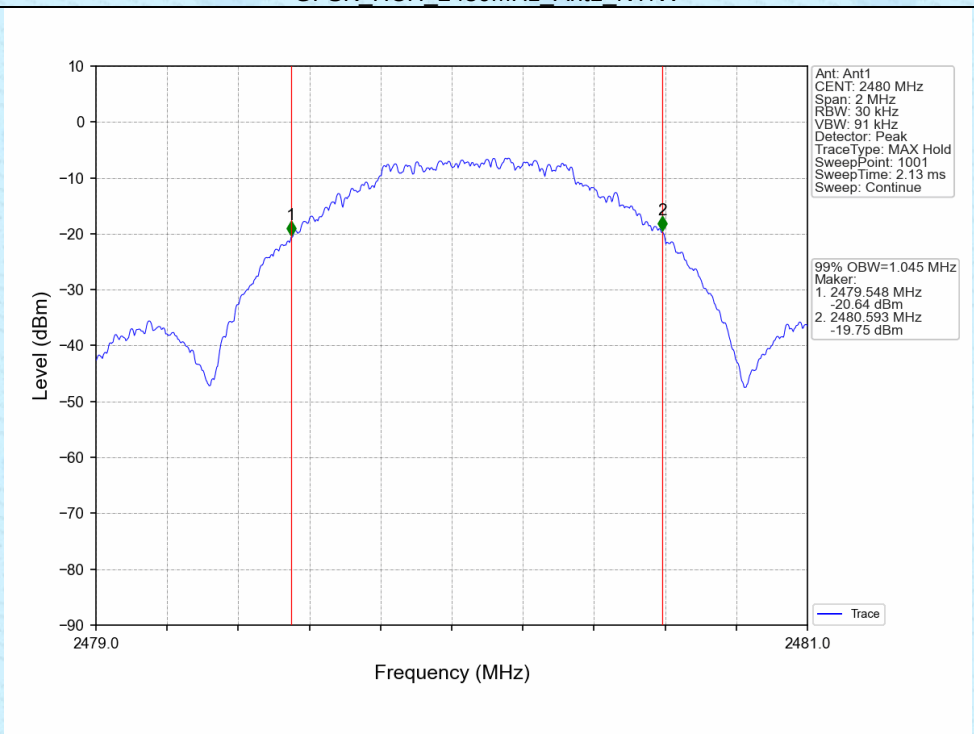
GFSK_LCH_2402MHz_Ant1_NTNV



GFSK_MCH_2442MHz_Ant1_NTNV



GFSK_HCH_2480MHz_Ant1_NTNV



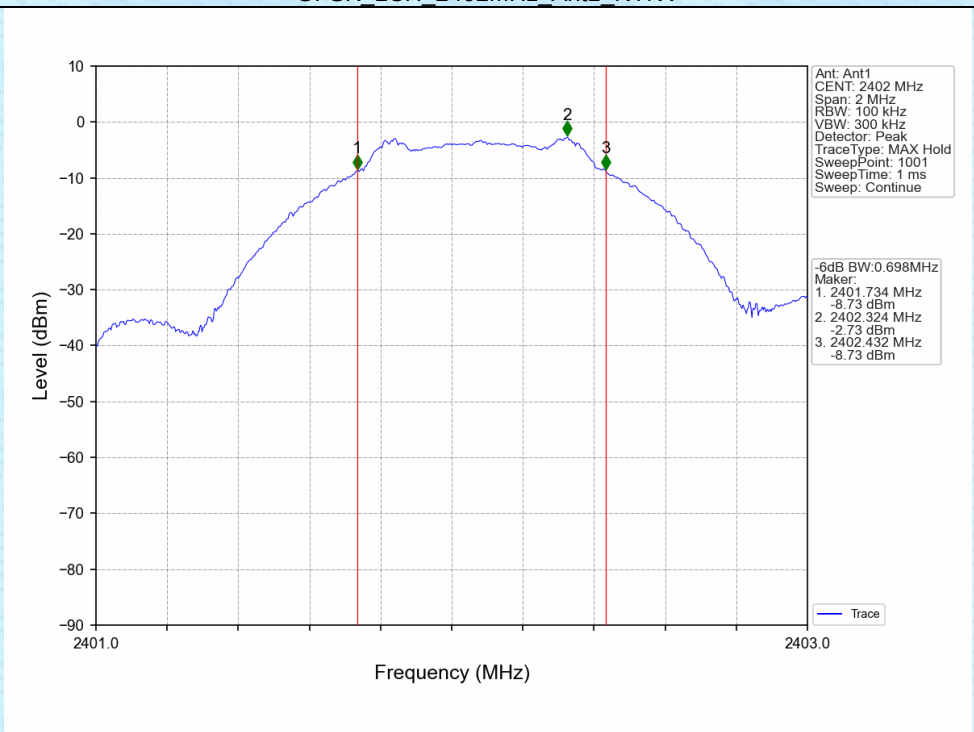
2.2 6dB BW

2.2.1 Test Result

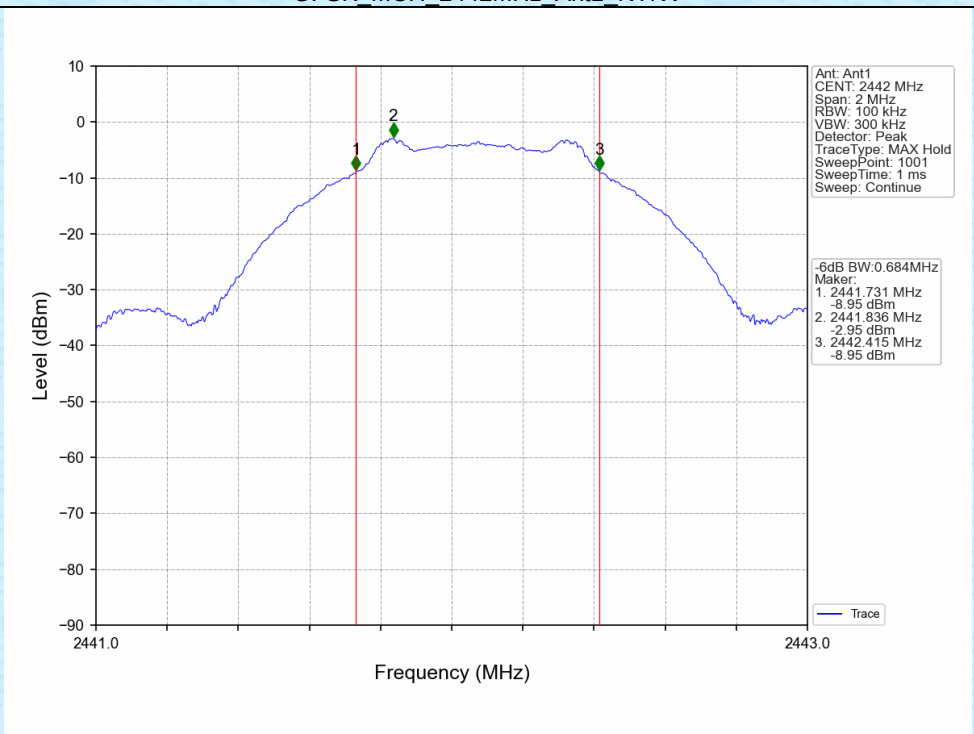
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
GFSK	SISO	2402	1	0.698	>=0.5	Pass
		2442	1	0.684	>=0.5	Pass
		2480	1	0.674	>=0.5	Pass

2.2.2 Test Graph

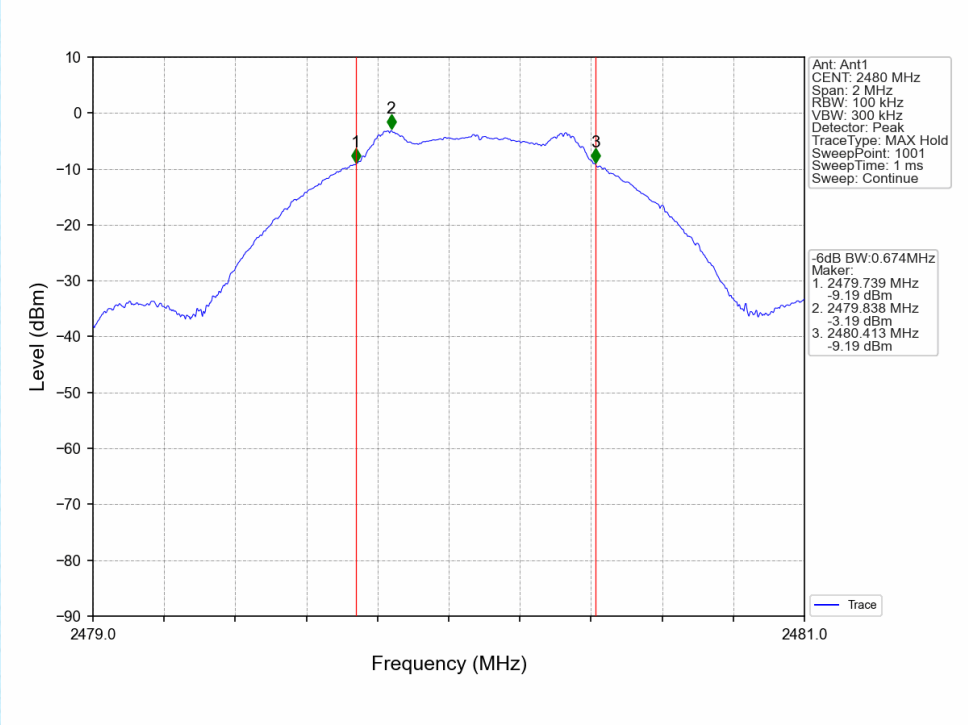
GFSK_LCH_2402MHz_Ant1_NTNV



GFSK_MCH_2442MHz_Ant1_NTNV



GFSK_HCH_2480MHz_Ant1_NTNV



3. Maximum Conducted Output Power

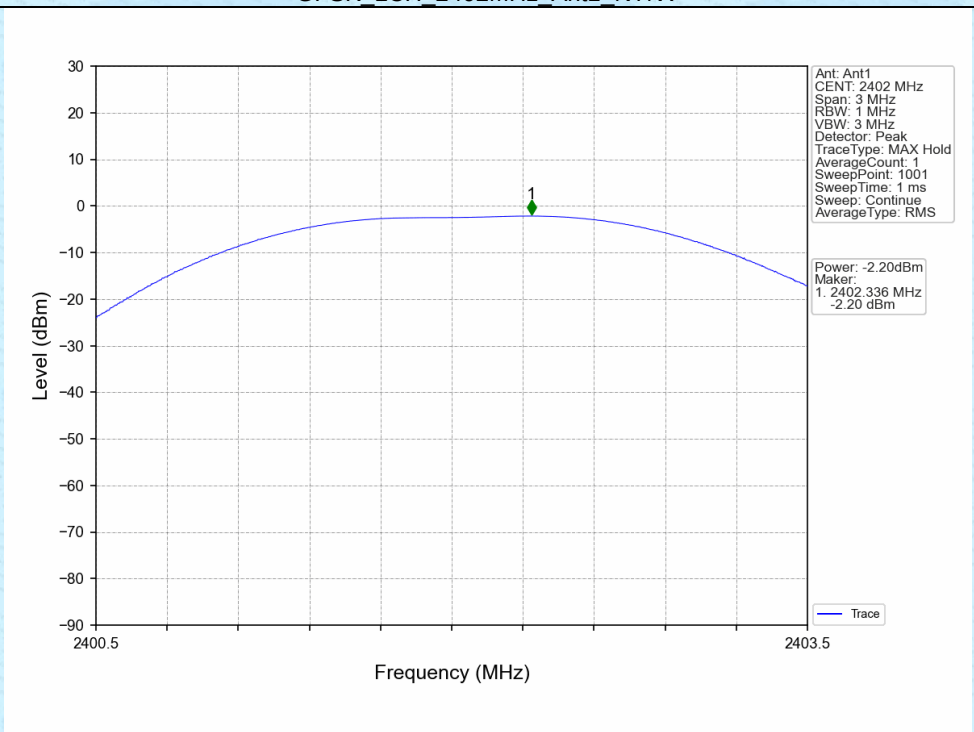
3.1 Power

3.1.1 Test Result

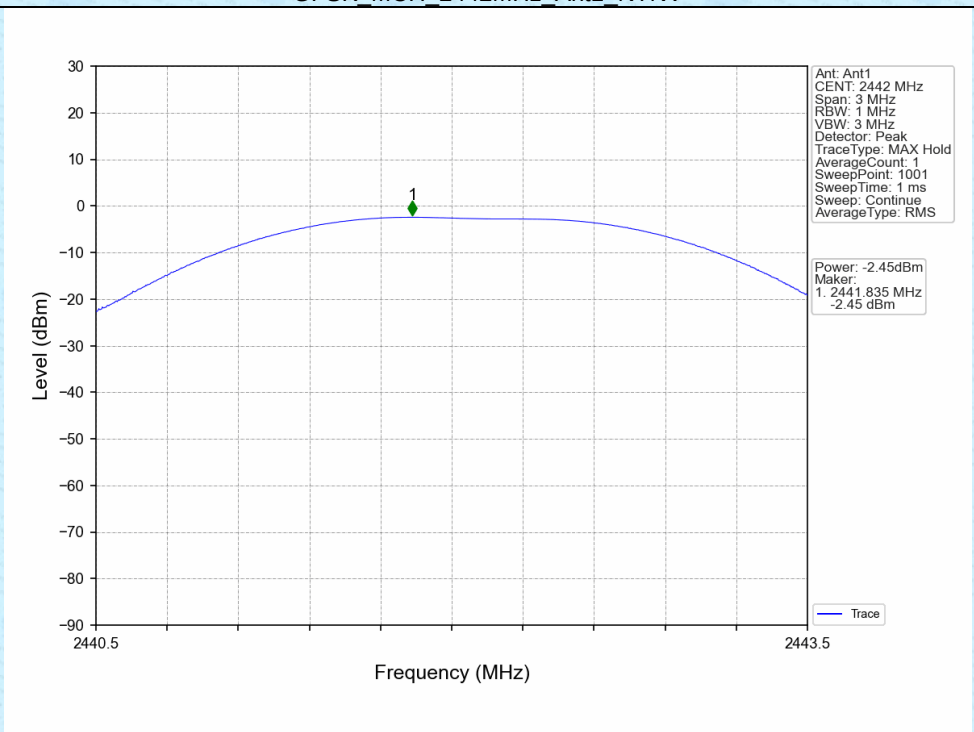
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
GFSK	SISO	2402	-2.20	<=30	Pass
		2442	-2.45	<=30	Pass
		2480	-2.79	<=30	Pass
Note1: Antenna Gain: Ant1: 3.30dBi;					

3.1.2 Test Graph

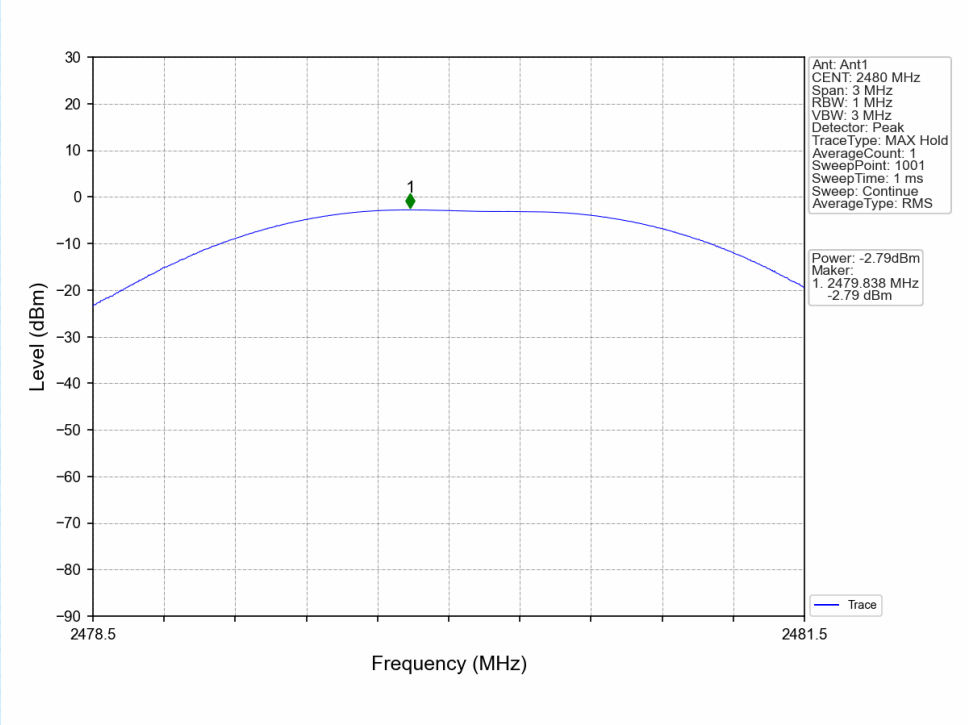
GFSK_LCH_2402MHz_Ant1_NTNV



GFSK_MCH_2442MHz_Ant1_NTNV



GFSK_HCH_2480MHz_Ant1_NTNV



4. Maximum Power Spectral Density

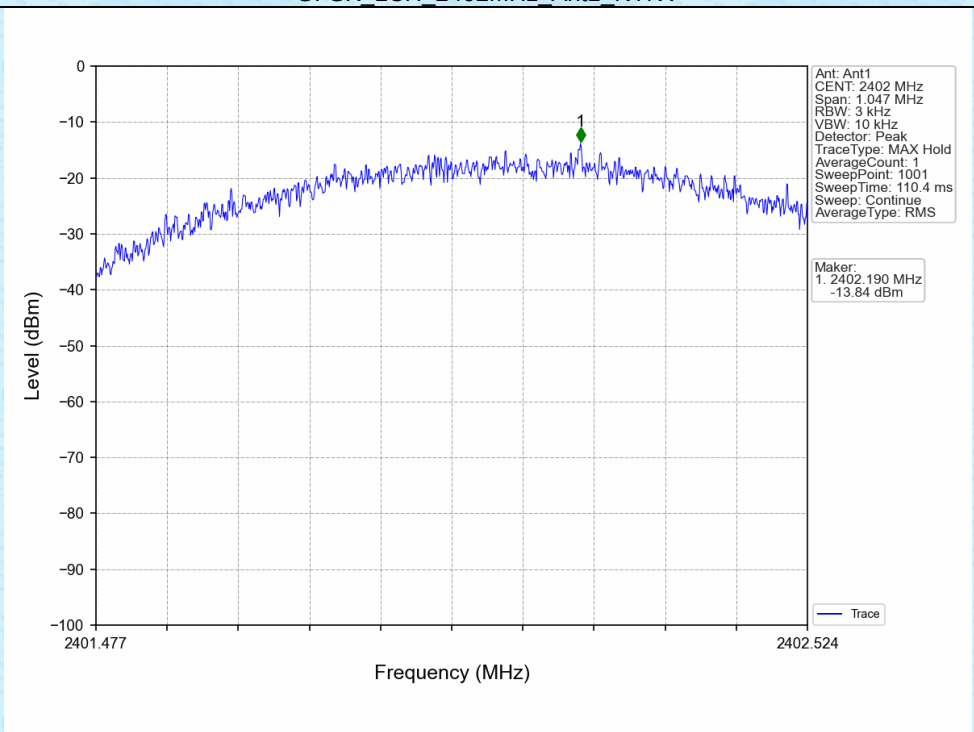
4.1 PSD

4.1.1 Test Result

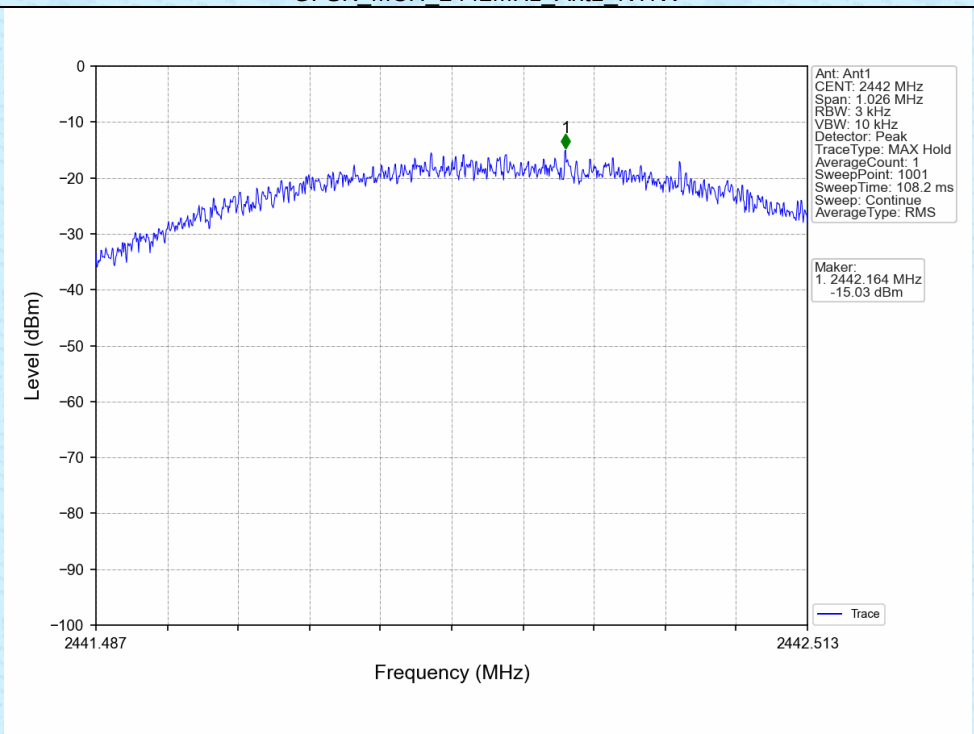
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
GFSK	SISO	2402	-13.84	<=8	Pass
		2442	-15.03	<=8	Pass
		2480	-15.00	<=8	Pass
Note1: Antenna Gain: Ant1: 3.30dBi;					

4.1.2 Test Graph

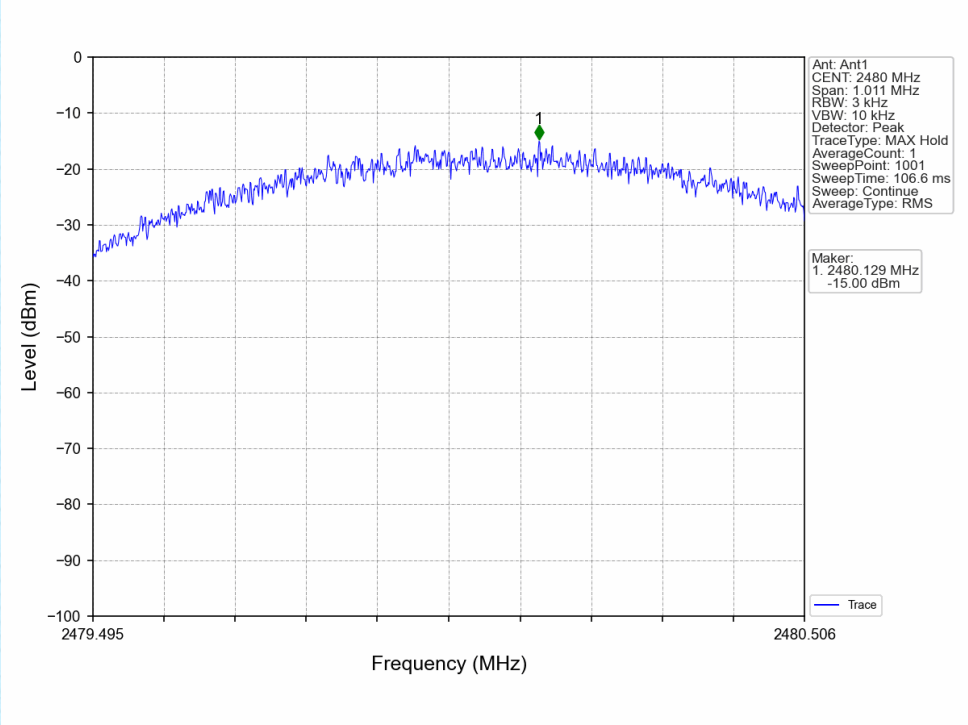
GFSK_LCH_2402MHz_Ant1_NTNV



GFSK_MCH_2442MHz_Ant1_NTNV



GFSK_HCH_2480MHz_Ant1_NTNV



5. Unwanted Emissions In Non-restricted Frequency Bands

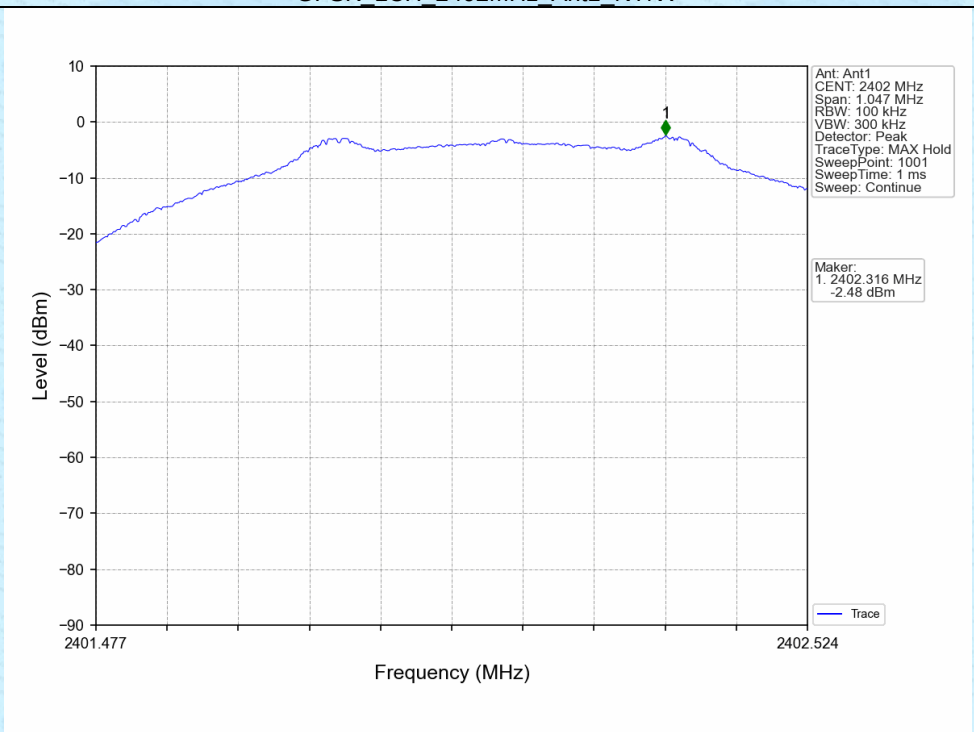
5.1 Ref

5.1.1 Test Result

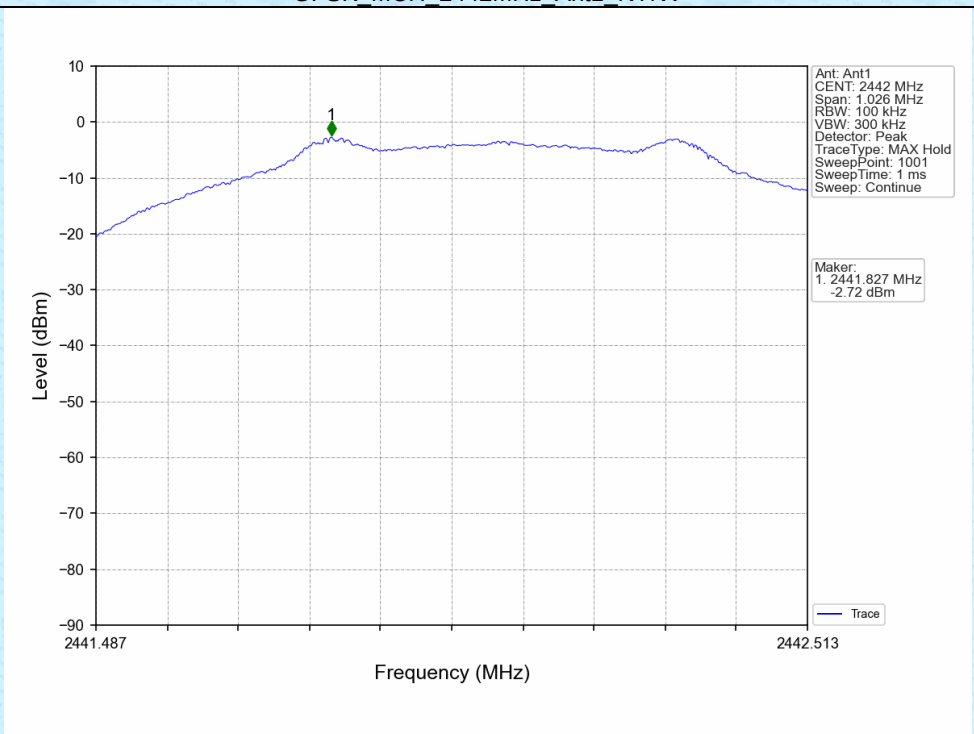
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
GFSK	SISO	2402	1	**-2.48**
		2442	1	-2.72
		2480	1	-3.01
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.				

5.1.2 Test Graph

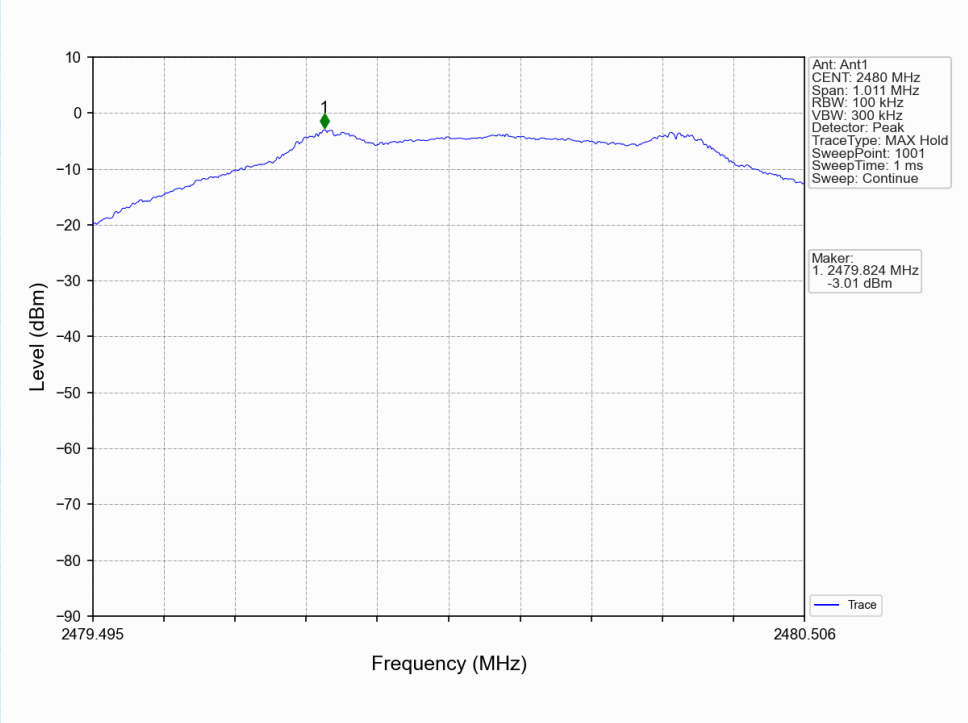
GFSK_LCH_2402MHz_Ant1_NTNV



GFSK_MCH_2442MHz_Ant1_NTNV



GFSK_HCH_2480MHz_Ant1_NTNV



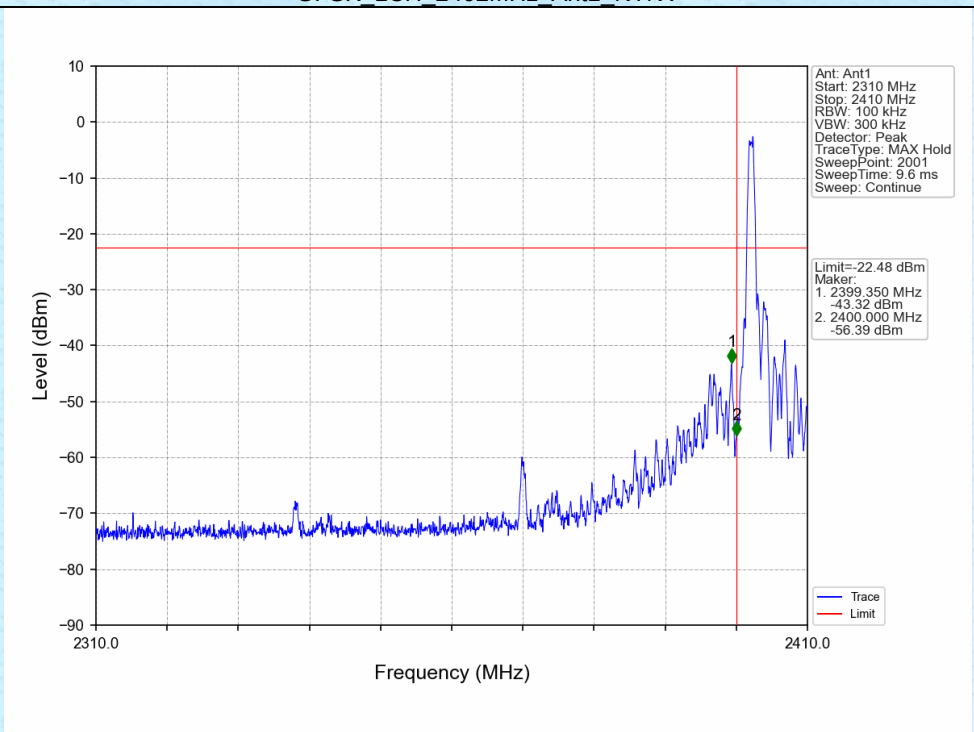
5.2 CSE

5.2.1 Test Result

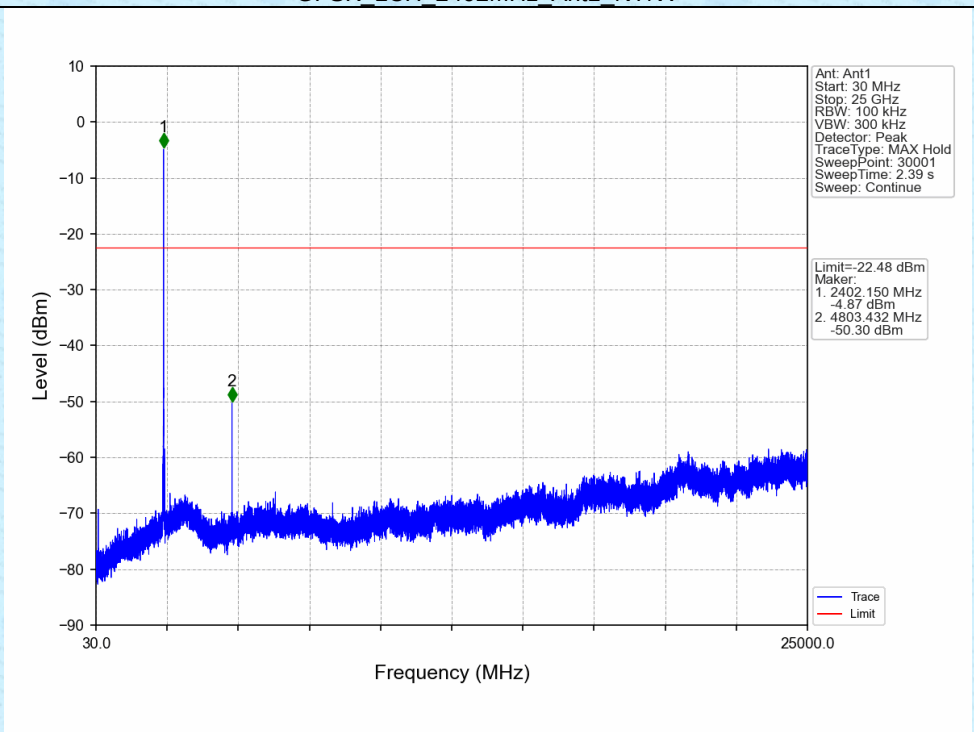
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	1	-2.48	-22.48	Pass
		2442	1	-2.48	-22.48	Pass
		2480	1	-2.48	-22.48	Pass
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.						

5.2.2 Test Graph

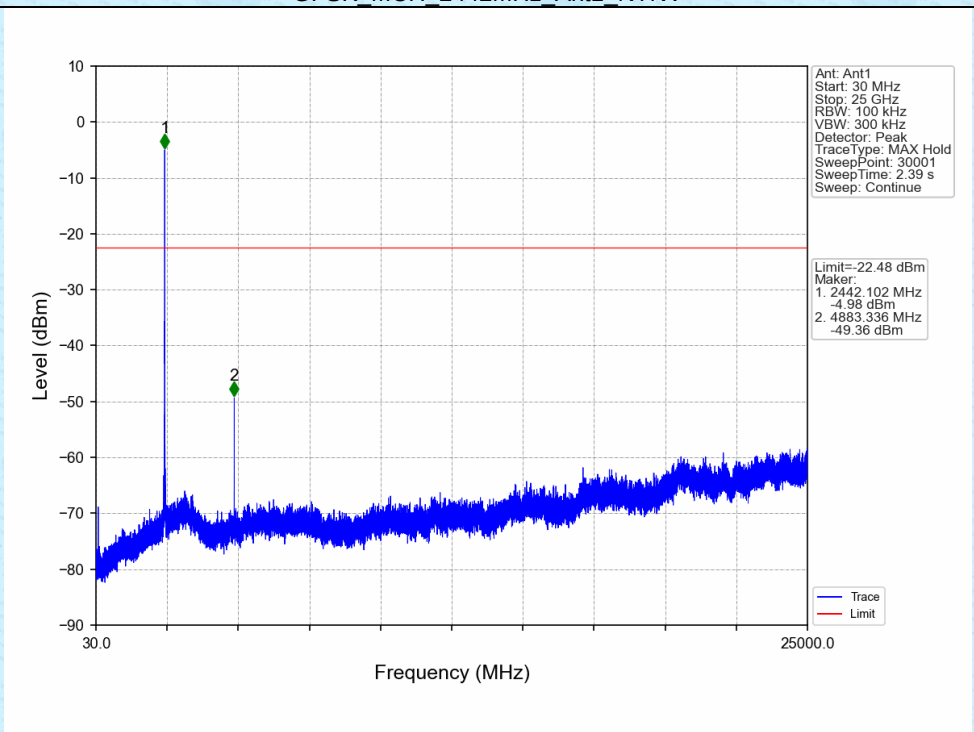
GFSK_LCH_2402MHz_Ant1_NTNV



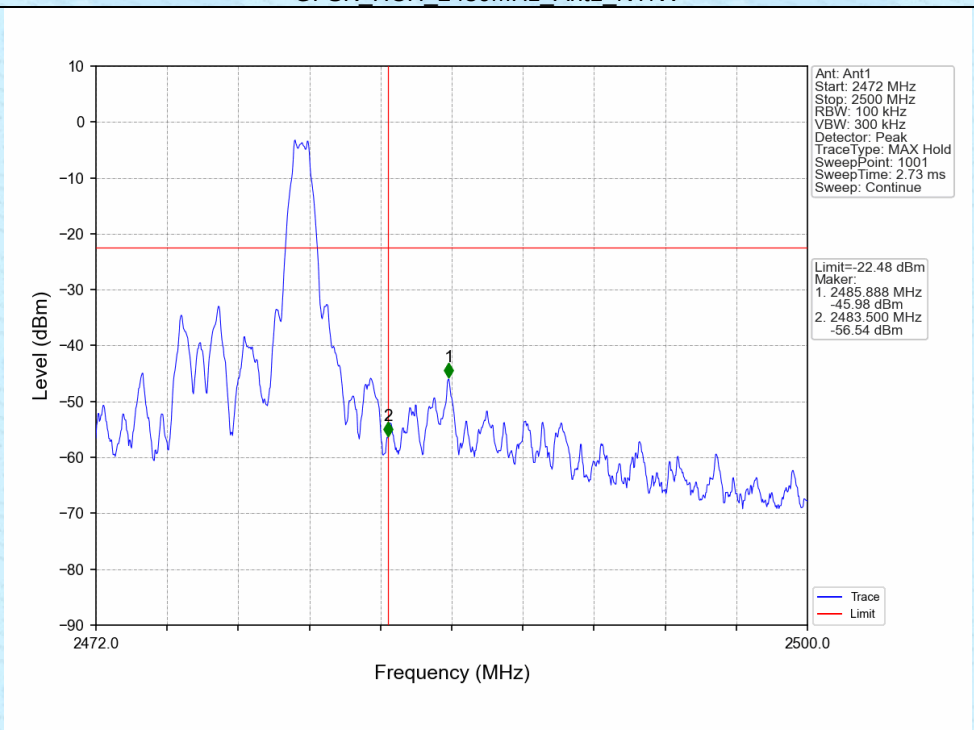
GFSK_LCH_2402MHz_Ant1_NTNV



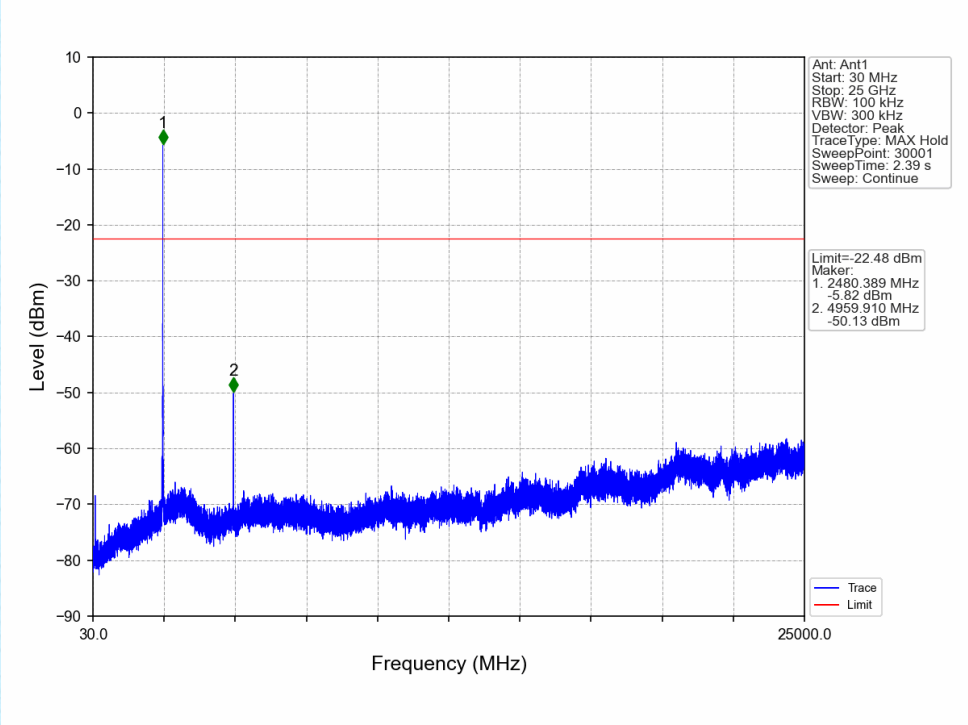
GFSK_MCH_2442MHz_Ant1_NTNV



GFSK_HCH_2480MHz_Ant1_NTNV



GFSK_HCH_2480MHz_Ant1_NTNV



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