

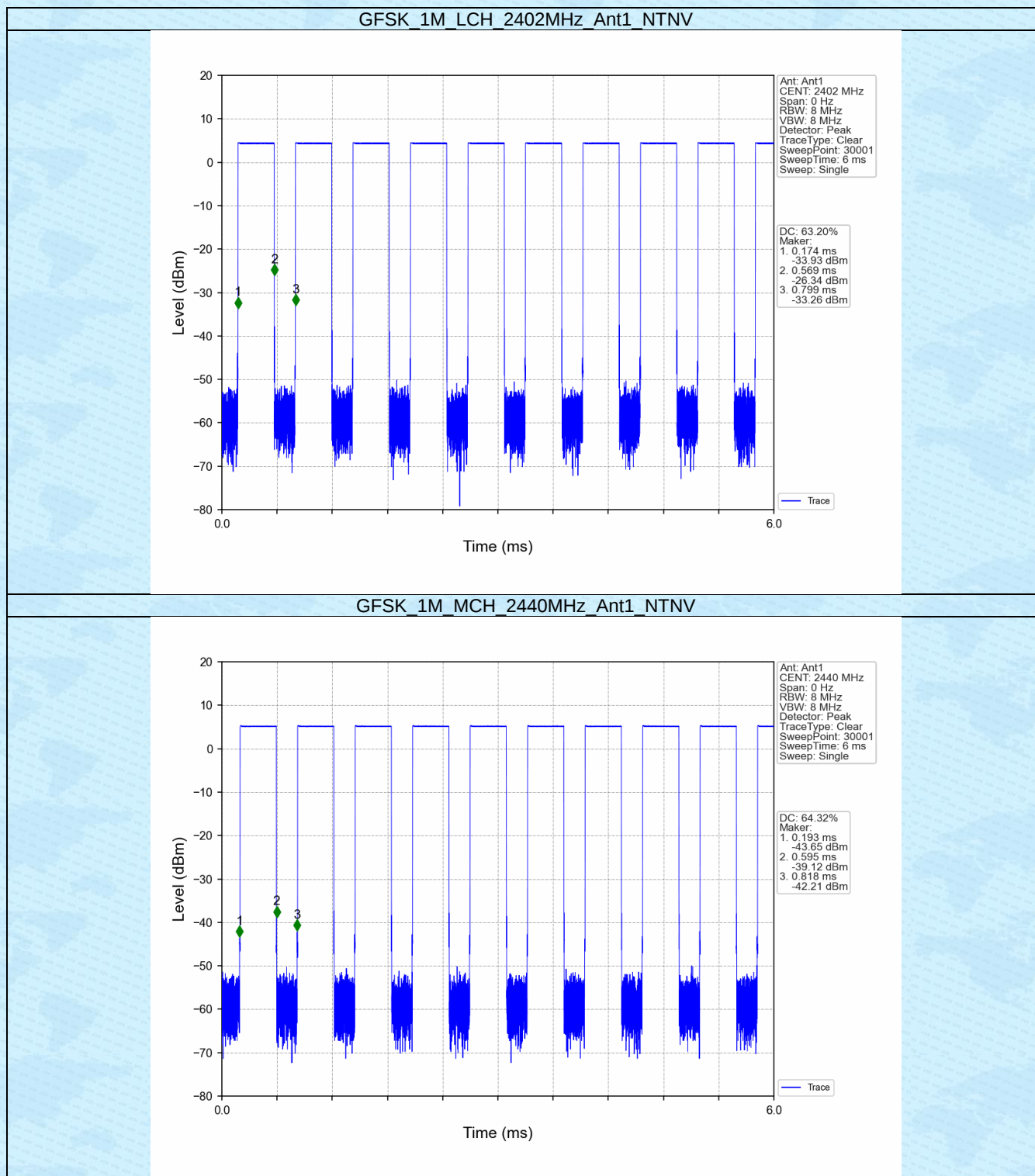
1. Duty Cycle

1.1 Ant1

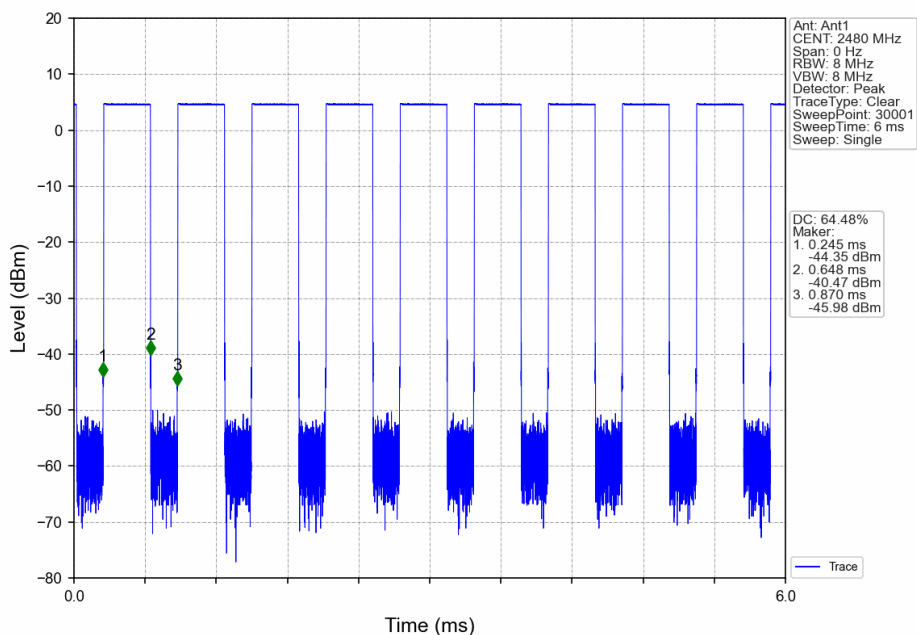
1.1.1 Test Result

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	0.395	0.625	63.20	1.99	0.00
		2440	0.402	0.625	64.32	1.92	0.00
		2480	0.403	0.625	64.48	1.91	0.00
GFSK_2M	SISO	2402	0.209	0.625	33.44	4.76	0.00
		2440	0.218	0.625	34.88	4.57	0.03
		2480	0.218	0.625	34.88	4.57	0.00

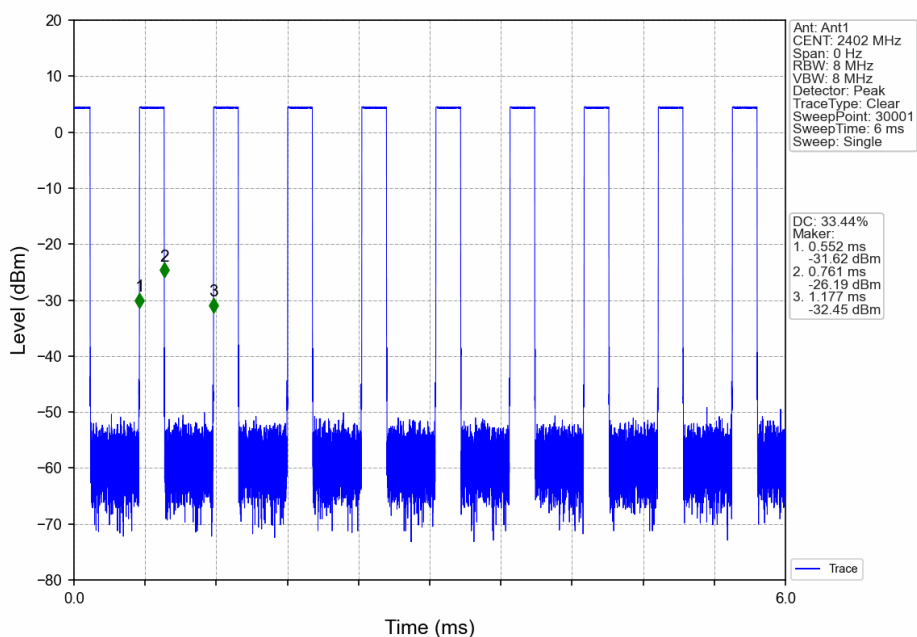
1.1.2 Test Graph



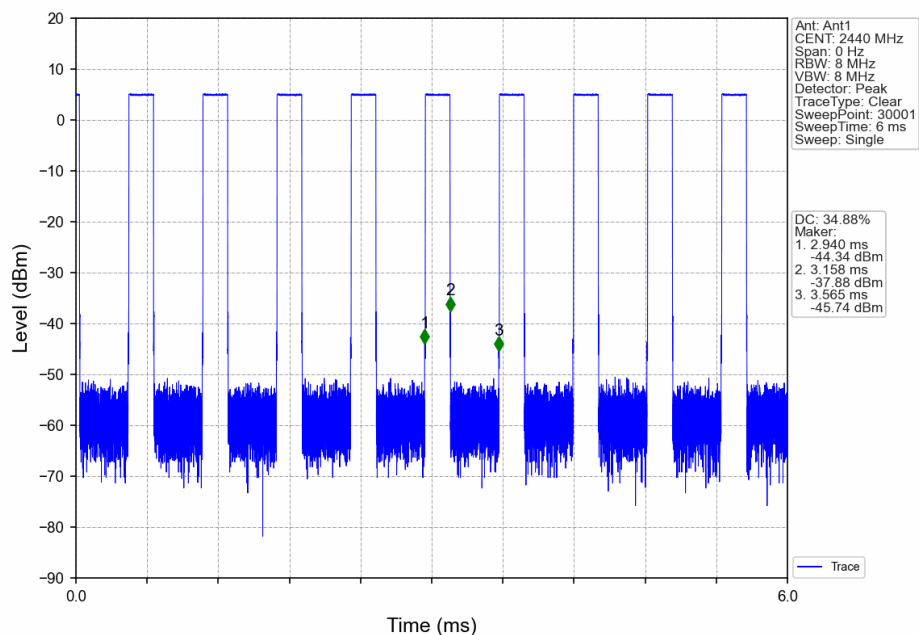
GFSK_1M_HCH_2480MHz_Ant1_NTNV



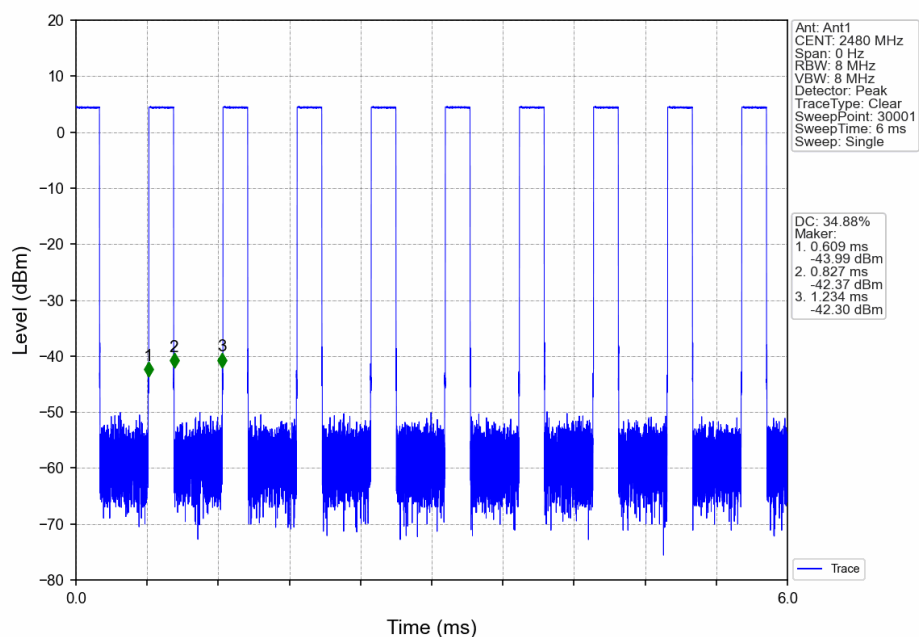
GFSK_2M_LCH_2402MHz_Ant1_NTNV



GFSK_2M_MCH_2440MHz_Ant1_NTNV



GFSK_2M_HCH_2480MHz_Ant1_NTNV



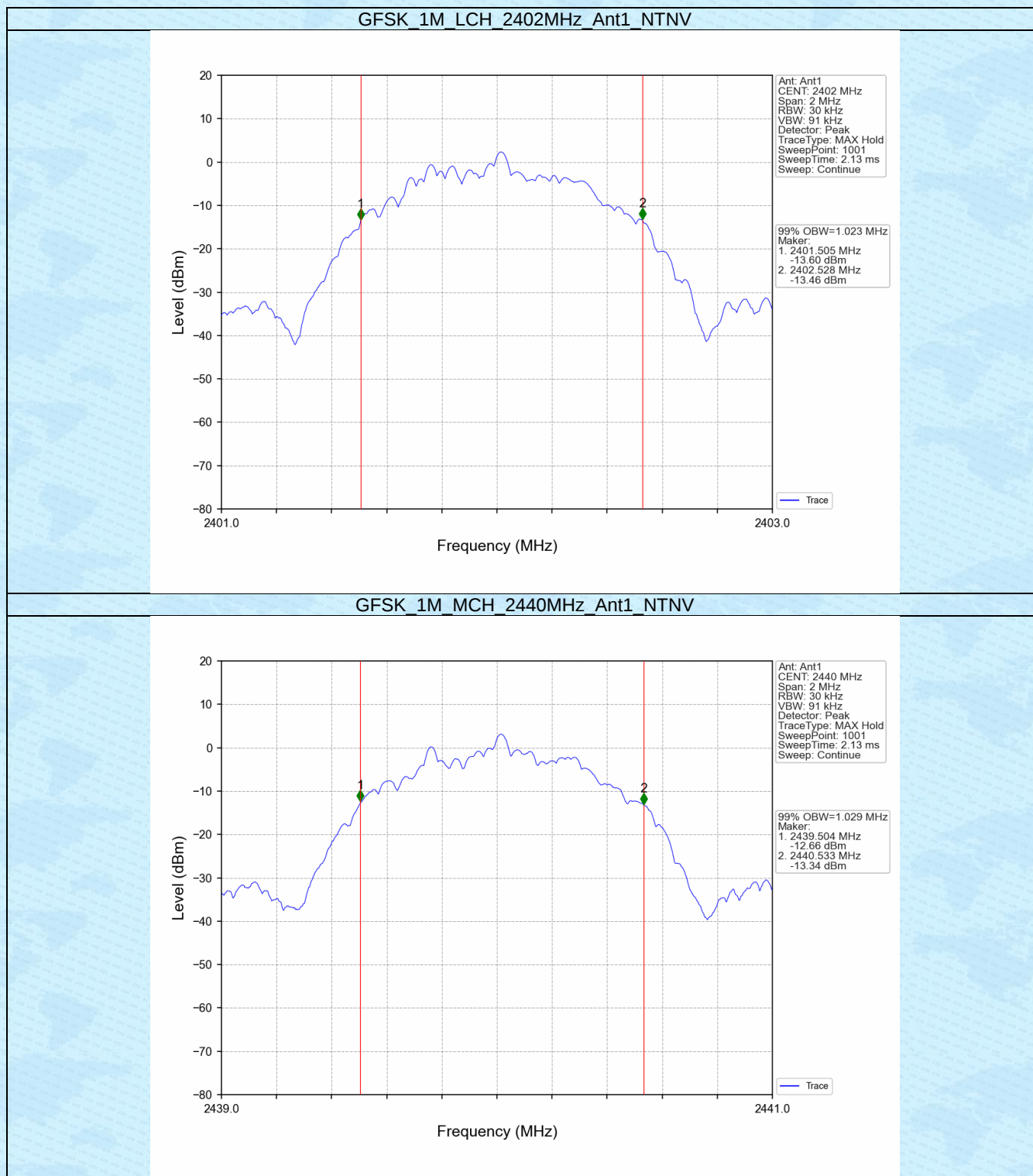
2. Bandwidth

2.1 OBW

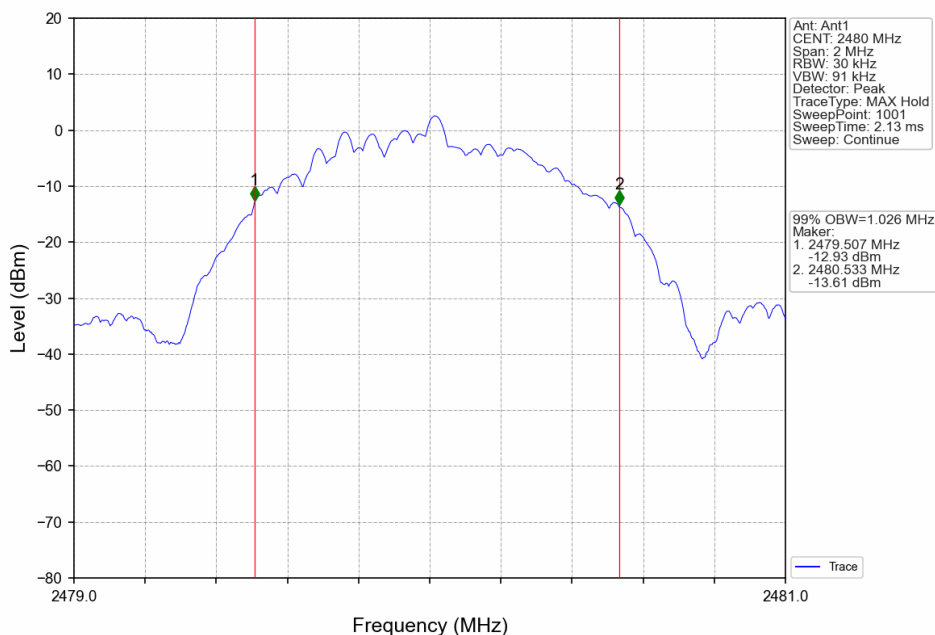
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
GFSK_1M	SISO	2402	1	1.023	Pass
		2440	1	1.029	Pass
		2480	1	1.026	Pass
GFSK_2M	SISO	2402	1	2.062	Pass
		2440	1	2.069	Pass
		2480	1	2.066	Pass

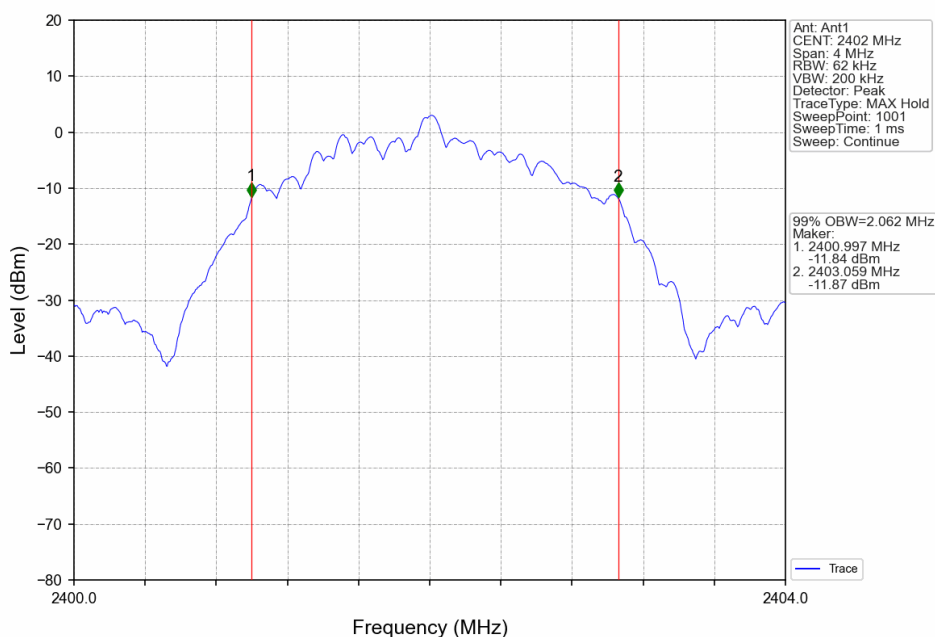
2.1.2 Test Graph



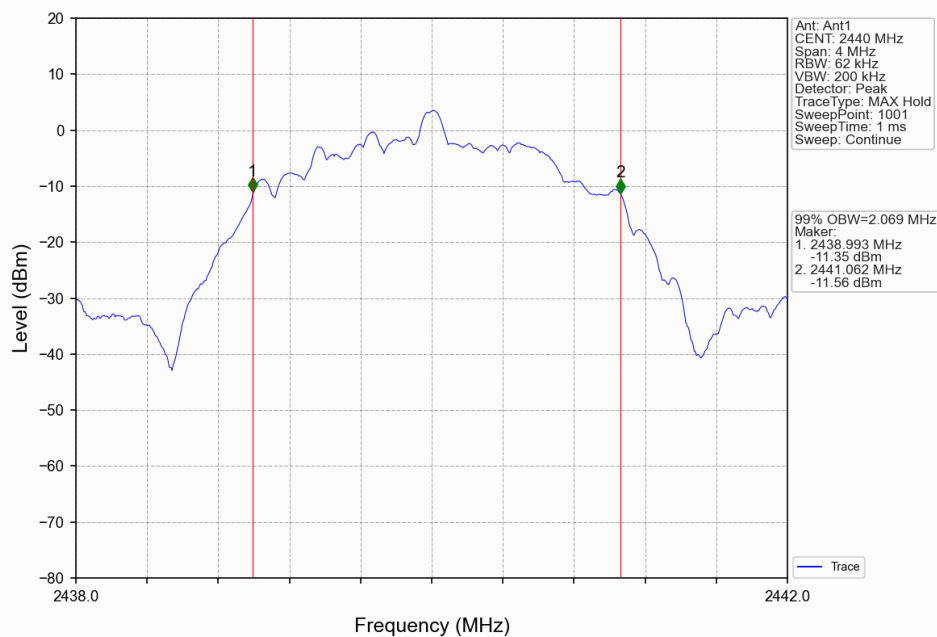
GFSK_1M_HCH_2480MHz_Ant1_NTNV



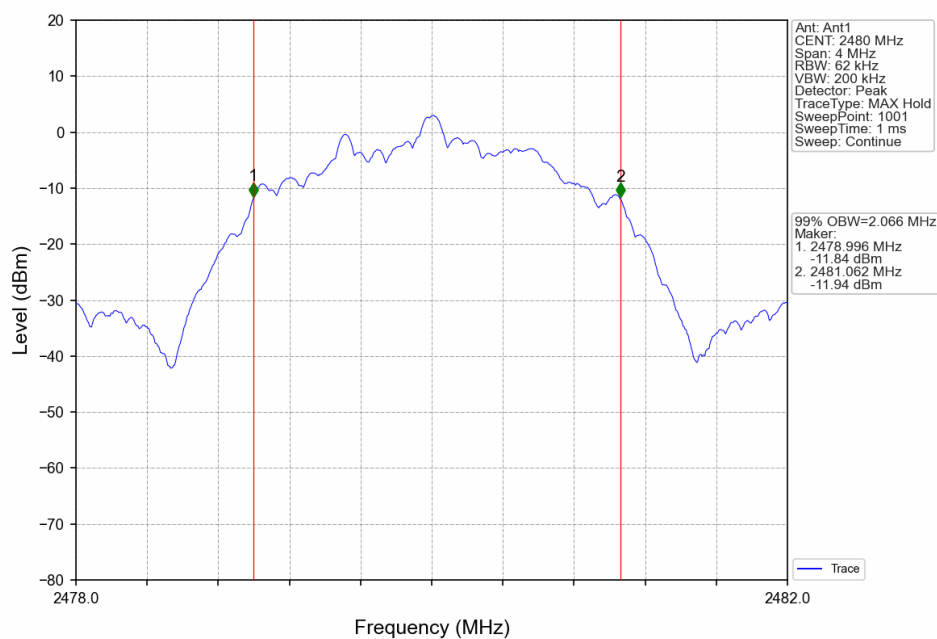
GFSK_2M_LCH_2402MHz_Ant1_NTNV



GFSK_2M_MCH_2440MHz_Ant1_NTNV



GFSK_2M_HCH_2480MHz_Ant1_NTNV

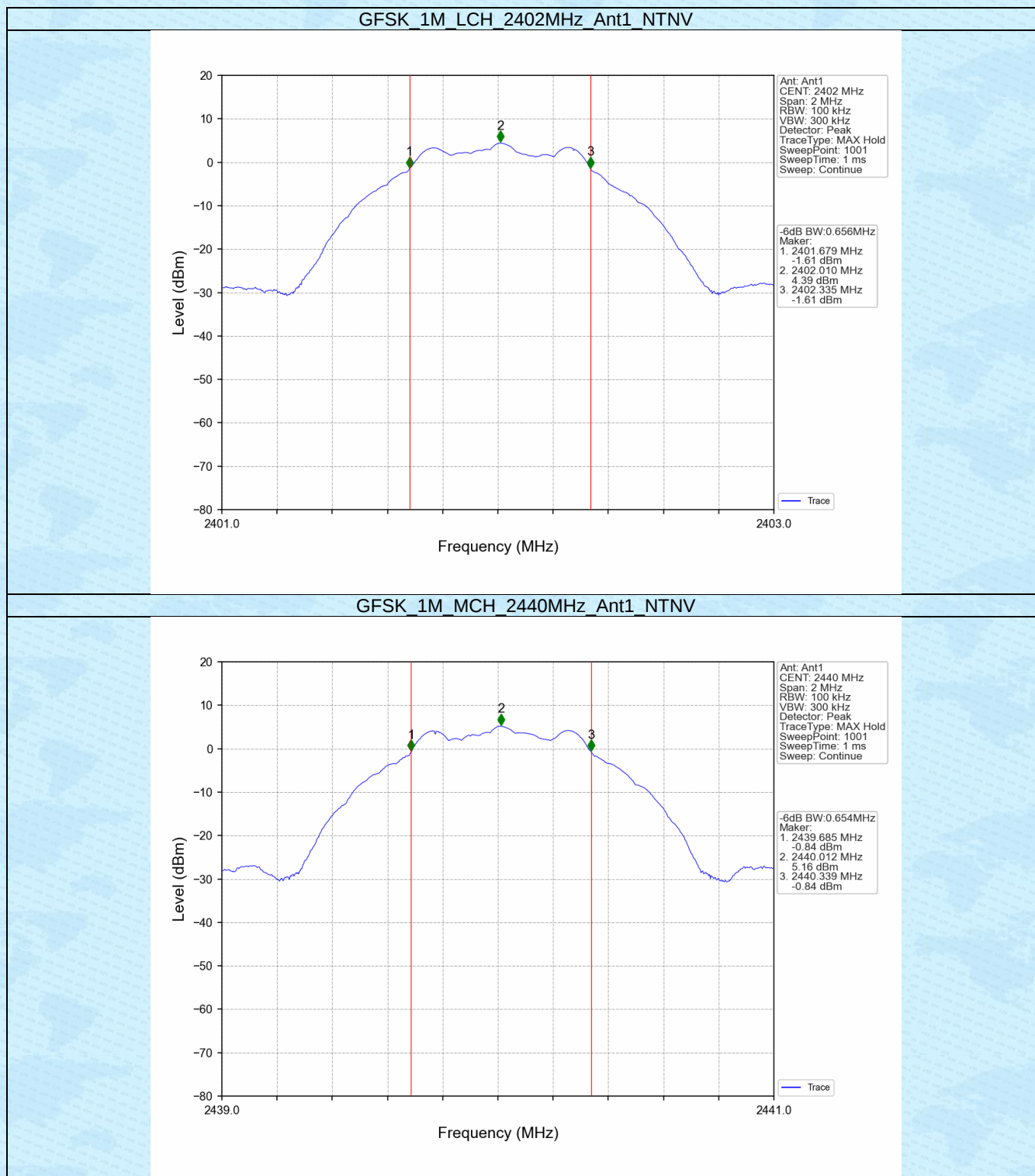


2.2 6dB BW

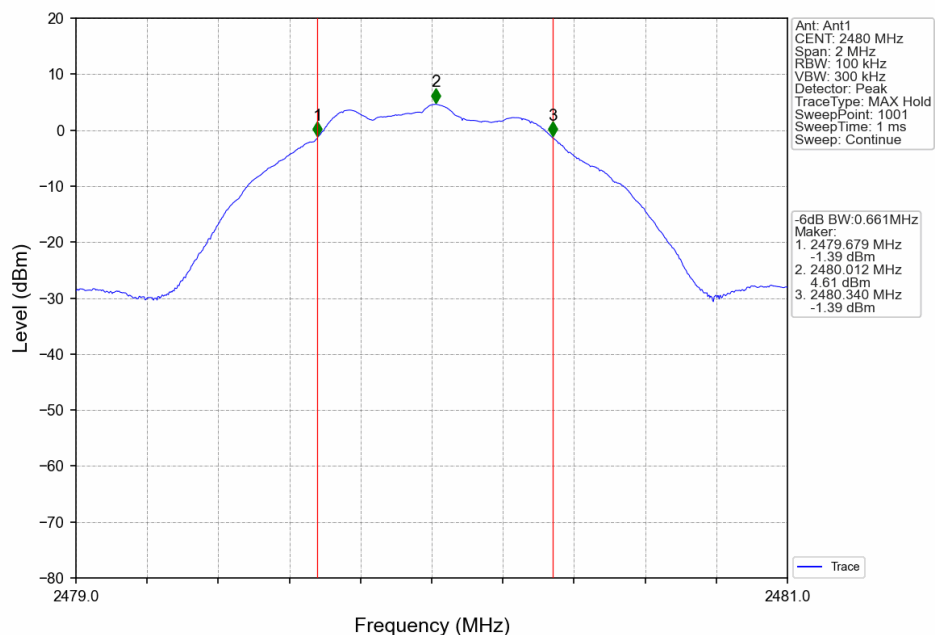
2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
GFSK_1M	SISO	2402	1	0.656	≥ 0.5	Pass
		2440	1	0.654	≥ 0.5	Pass
		2480	1	0.661	≥ 0.5	Pass
GFSK_2M	SISO	2402	1	0.954	≥ 0.5	Pass
		2440	1	1.120	≥ 0.5	Pass
		2480	1	1.127	≥ 0.5	Pass

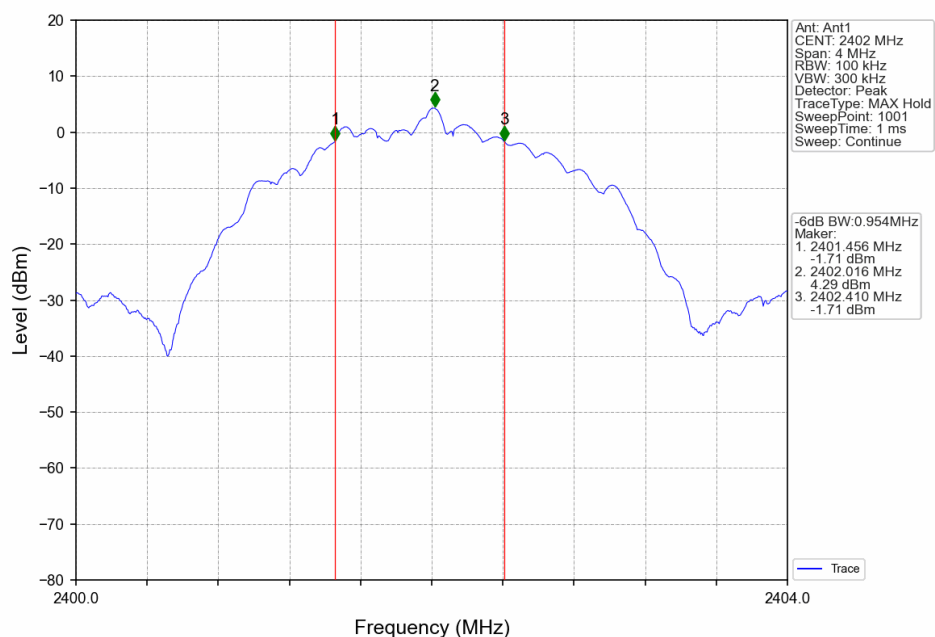
2.2.2 Test Graph



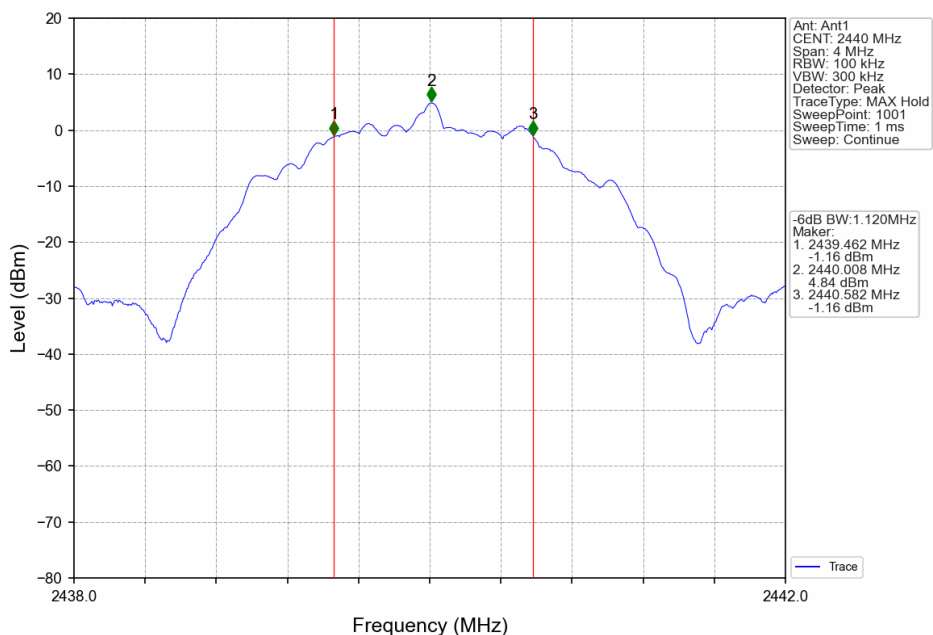
GFSK_1M_HCH_2480MHz_Ant1_NTNV



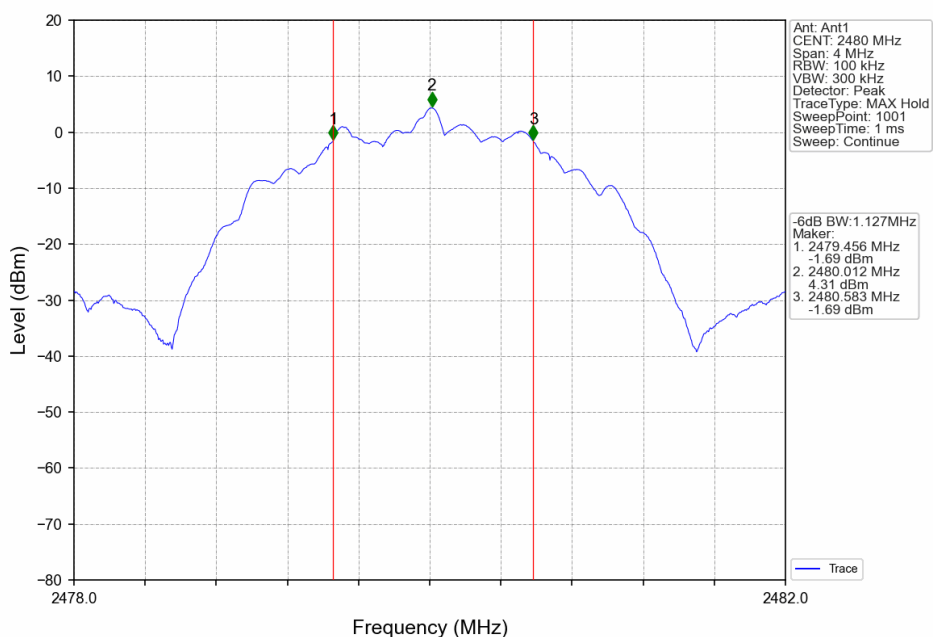
GFSK_2M_LCH_2402MHz_Ant1_NTNV



GFSK_2M_MCH_2440MHz_Ant1_NTNV



GFSK_2M_HCH_2480MHz_Ant1_NTNV



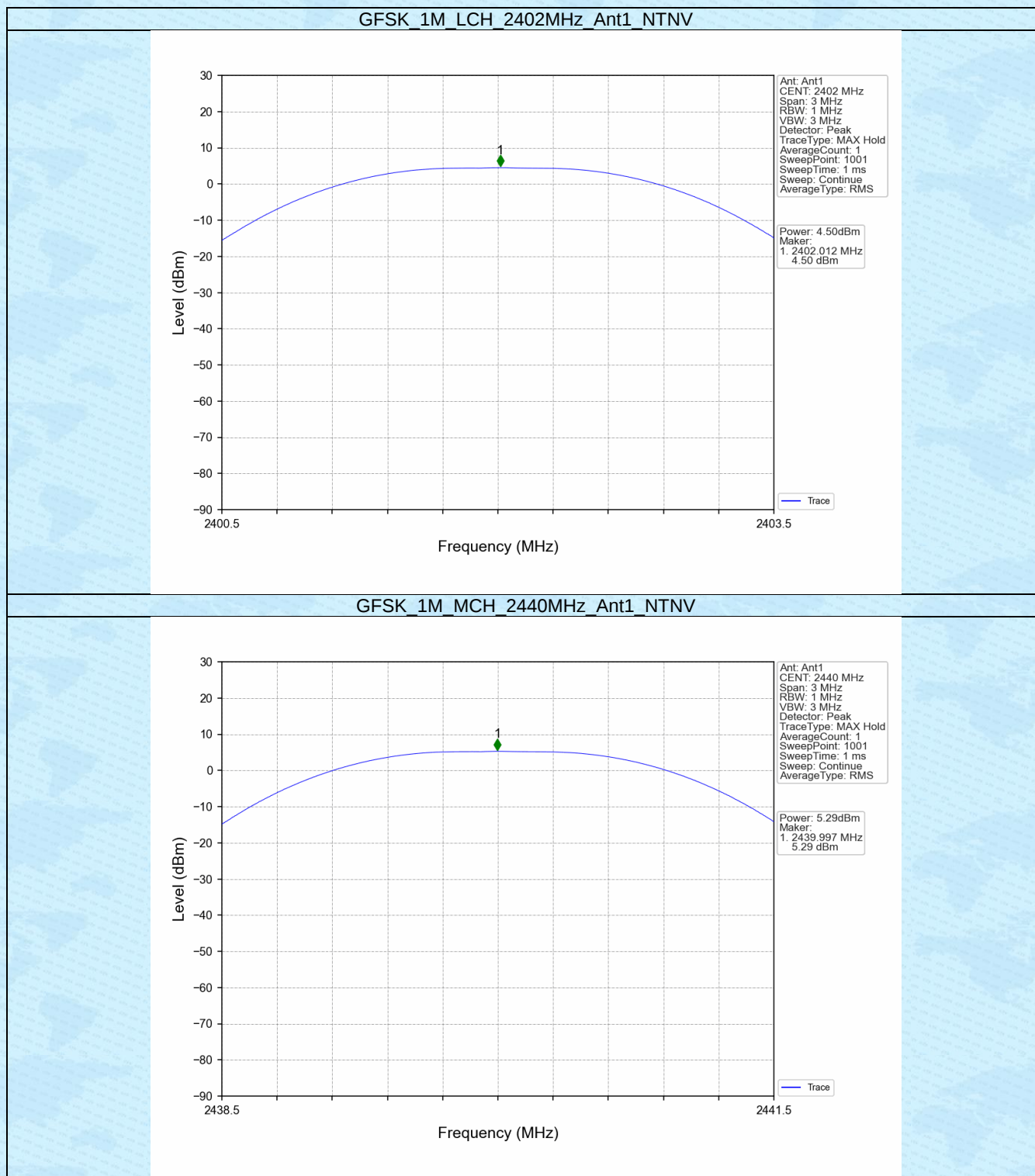
3. Maximum Conducted Output Power

3.1 Power

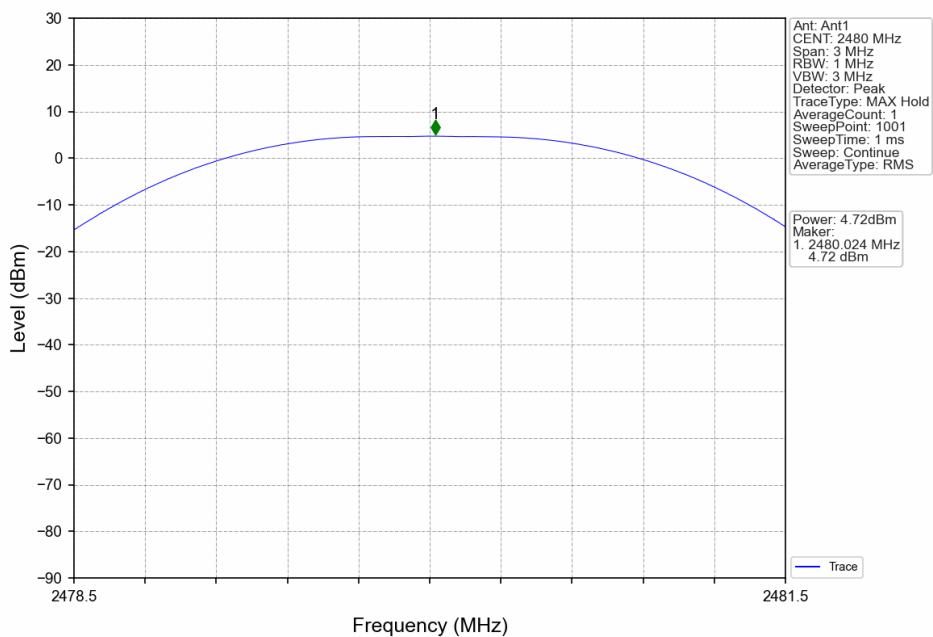
3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
GFSK_1M	SISO	2402	4.50	≤ 30	Pass
		2440	5.29	≤ 30	Pass
		2480	4.72	≤ 30	Pass
GFSK_2M	SISO	2402	4.57	≤ 30	Pass
		2440	5.07	≤ 30	Pass
		2480	4.54	≤ 30	Pass

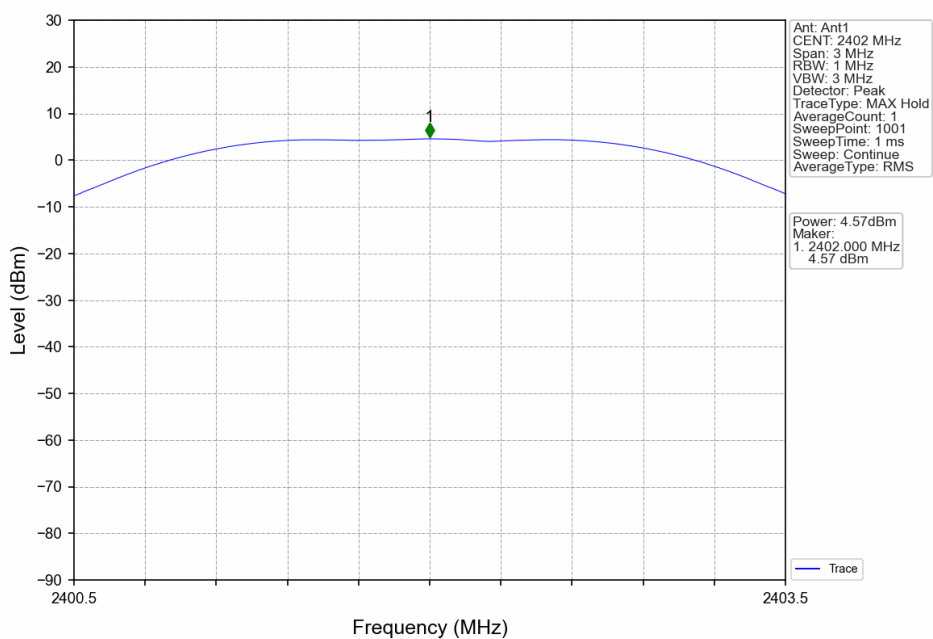
3.1.2 Test Graph



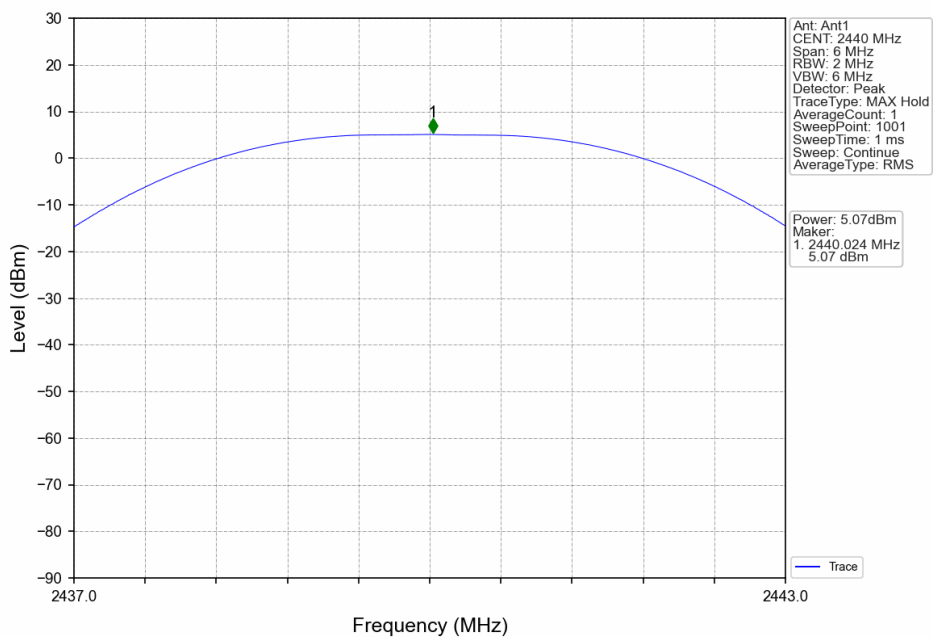
GFSK_1M_HCH_2480MHz_Ant1_NTNV



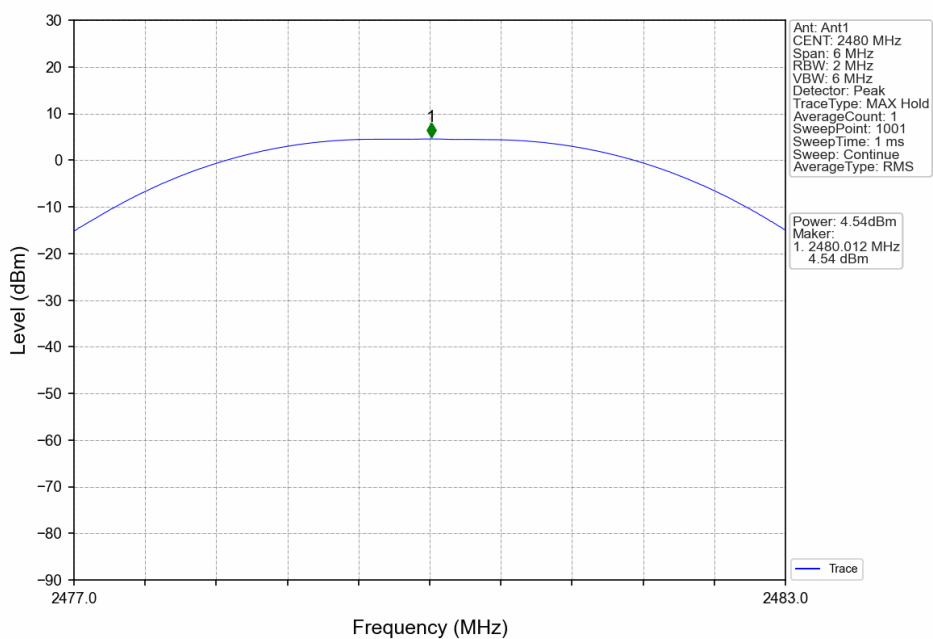
GFSK_2M_LCH_2402MHz_Ant1_NTNV



GFSK_2M_MCH_2440MHz_Ant1_NTNV



GFSK_2M_HCH_2480MHz_Ant1_NTNV



4. Maximum Power Spectral Density

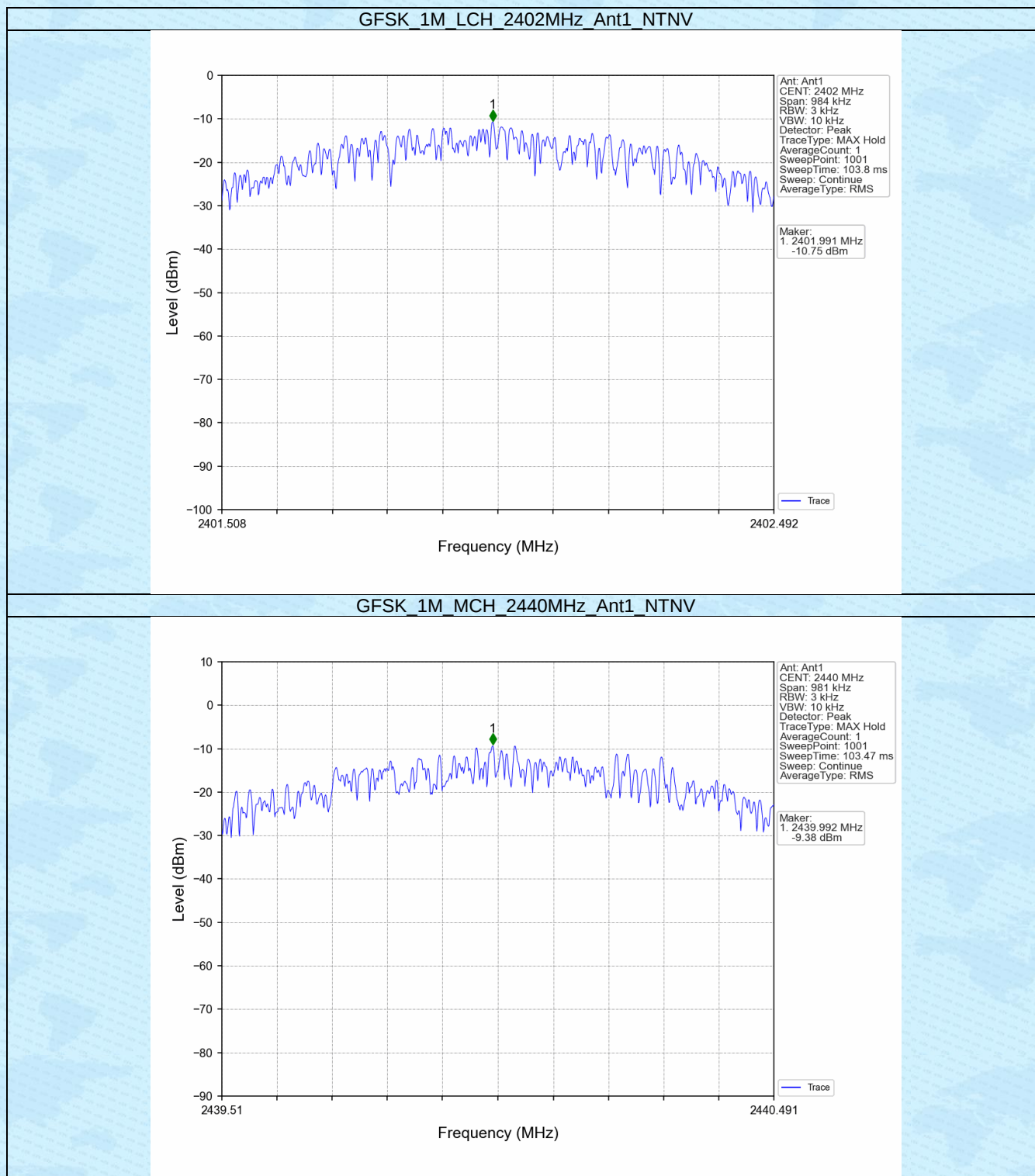
4.1 PSD

4.1.1 Test Result

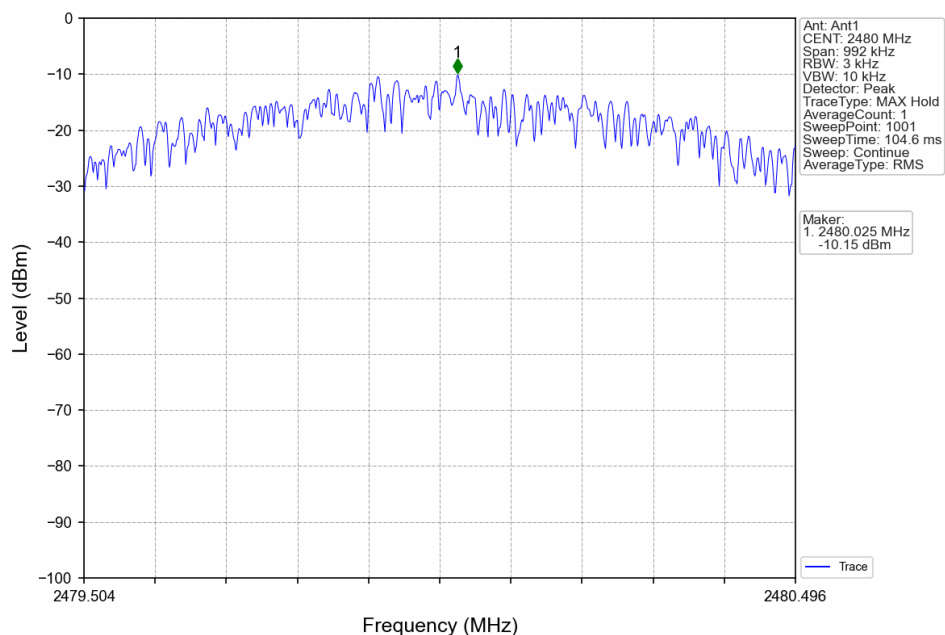
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
GFSK_1M	SISO	2402	-10.75	<=8	Pass
		2440	-9.38	<=8	Pass
		2480	-10.15	<=8	Pass
GFSK_2M	SISO	2402	-13.46	<=8	Pass
		2440	-12.66	<=8	Pass
		2480	-12.22	<=8	Pass

Note1: Antenna Gain: Ant1: 2.00dBi;

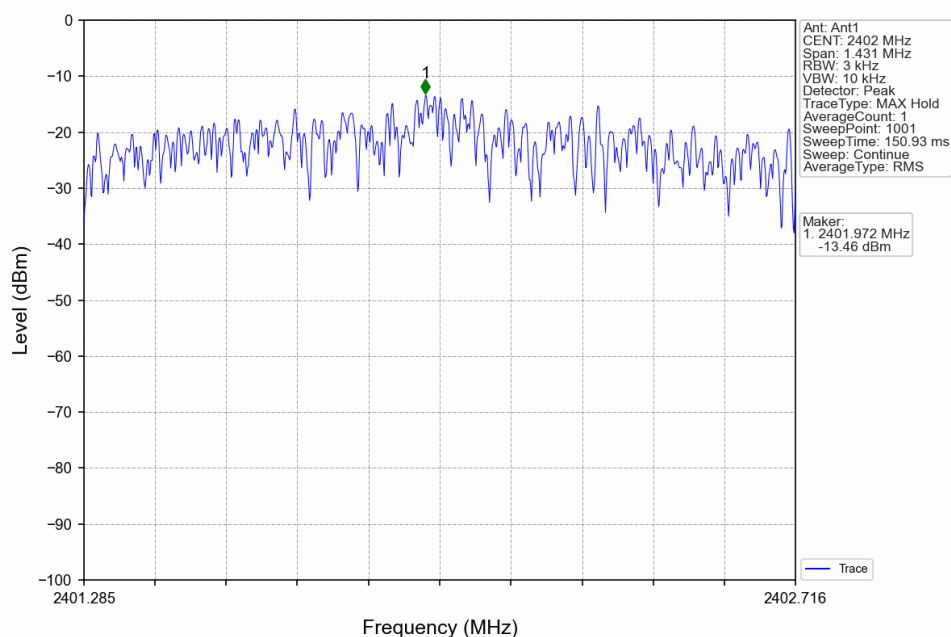
4.1.2 Test Graph



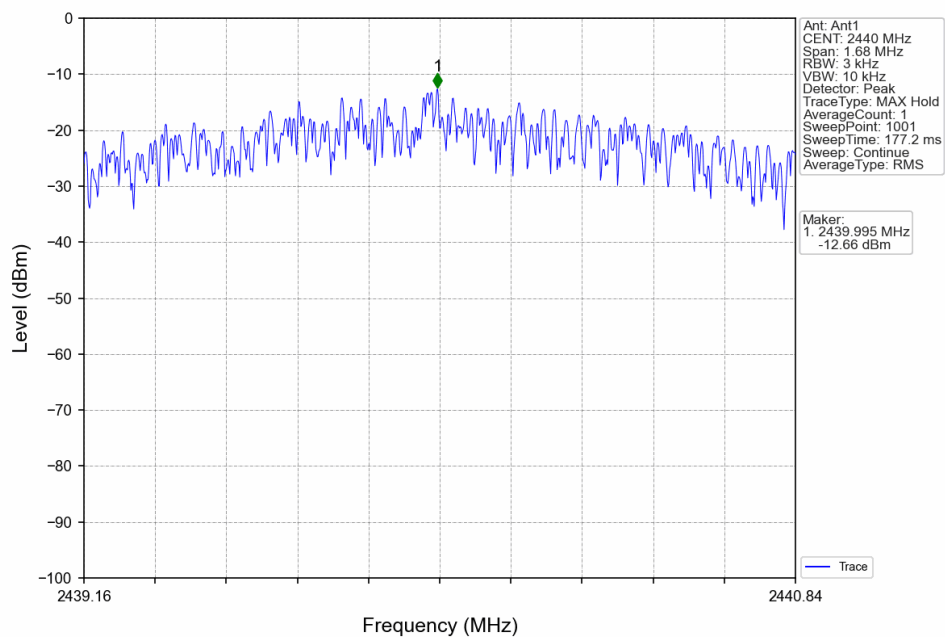
GFSK_1M_HCH_2480MHz_Ant1_NTNV



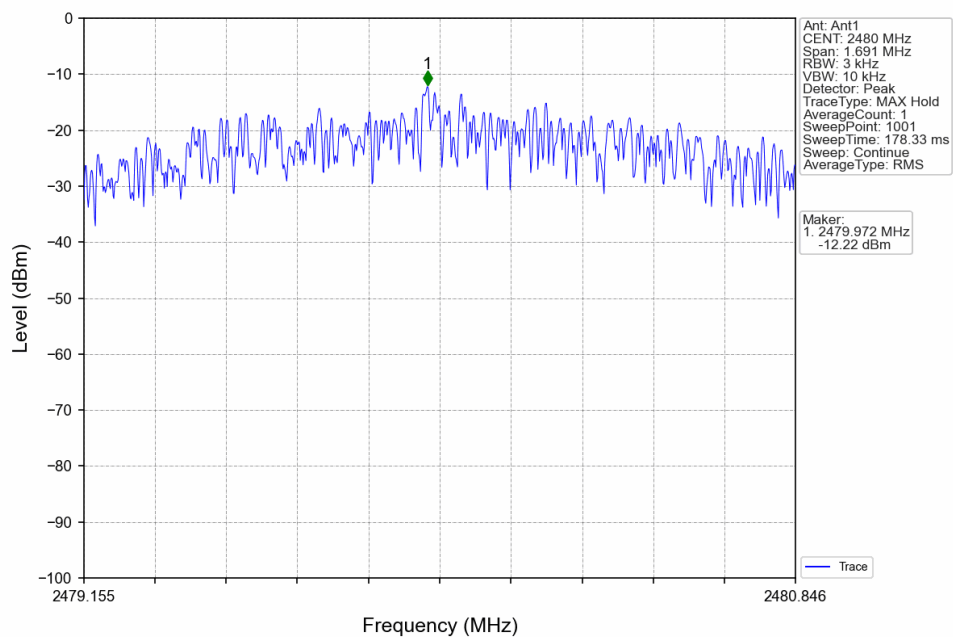
GFSK_2M_LCH_2402MHz_Ant1_NTNV



GFSK_2M_MCH_2440MHz_Ant1_NTNV



GFSK_2M_HCH_2480MHz_Ant1_NTNV



5. Unwanted Emissions In Non-restricted Frequency Bands

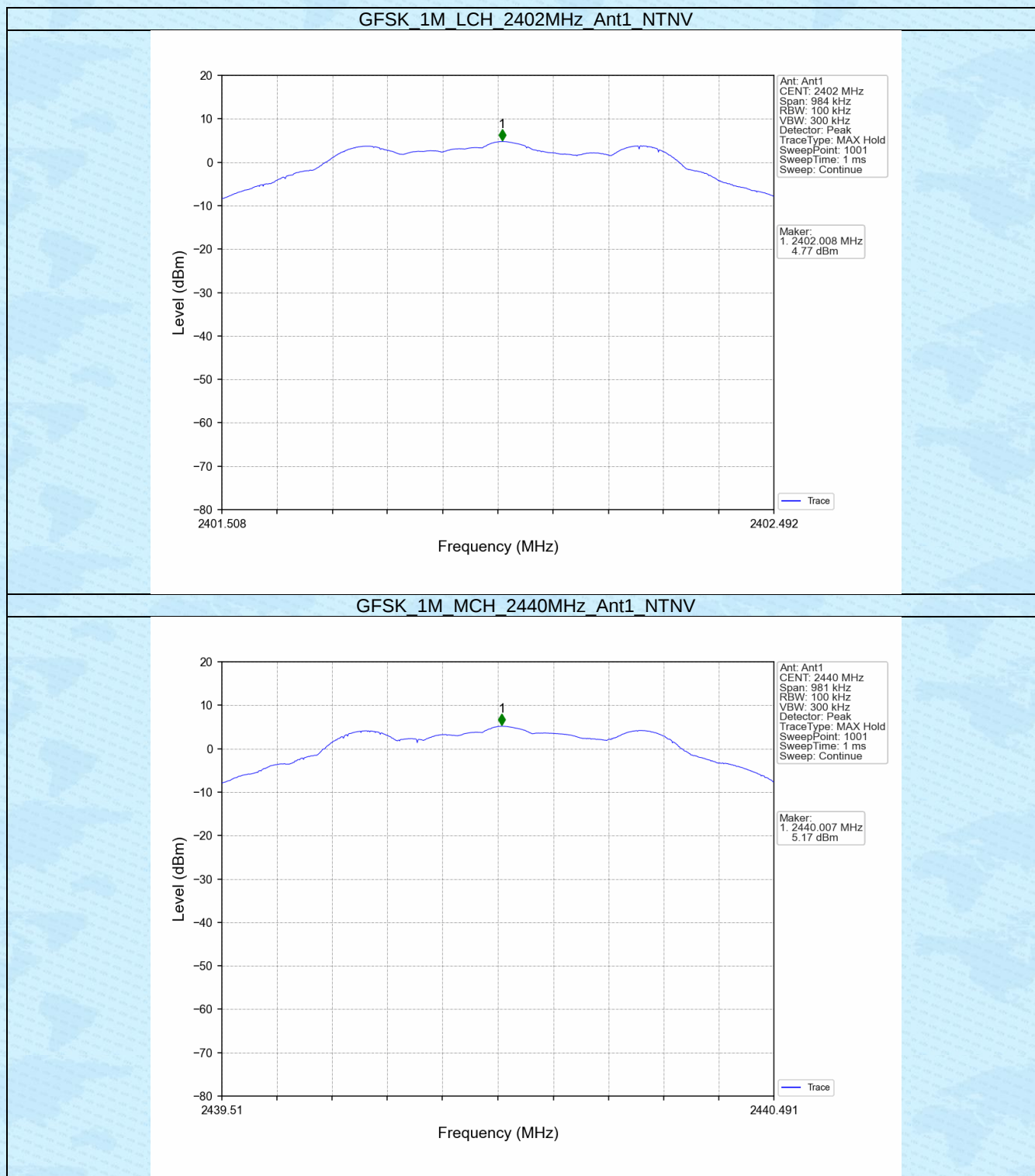
5.1 Ref

5.1.1 Test Result

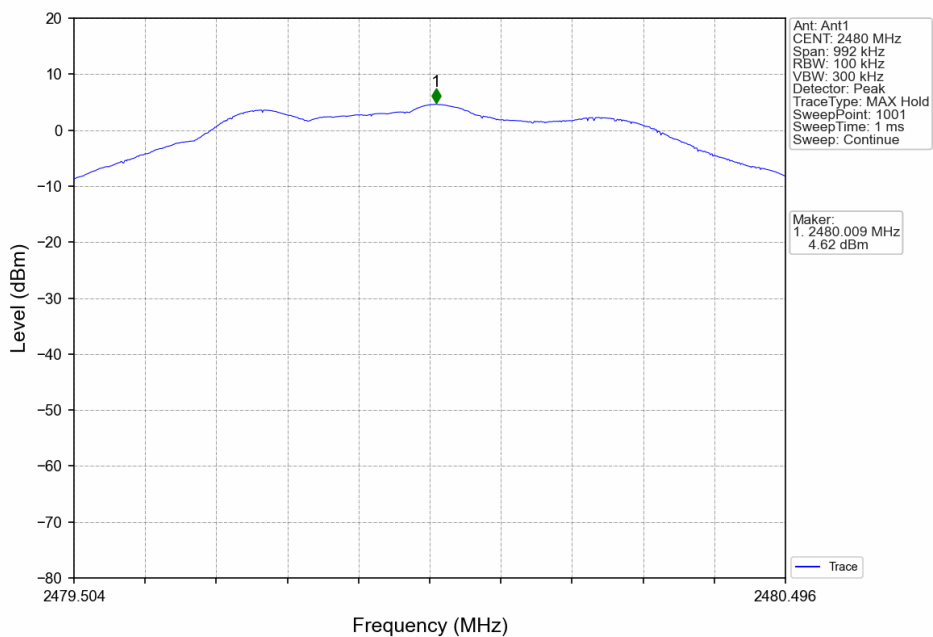
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
GFSK_1M	SISO	2402	1	4.77
		2440	1	5.17
		2480	1	4.62
GFSK_2M	SISO	2402	1	4.36
		2440	1	4.85
		2480	1	4.32

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.

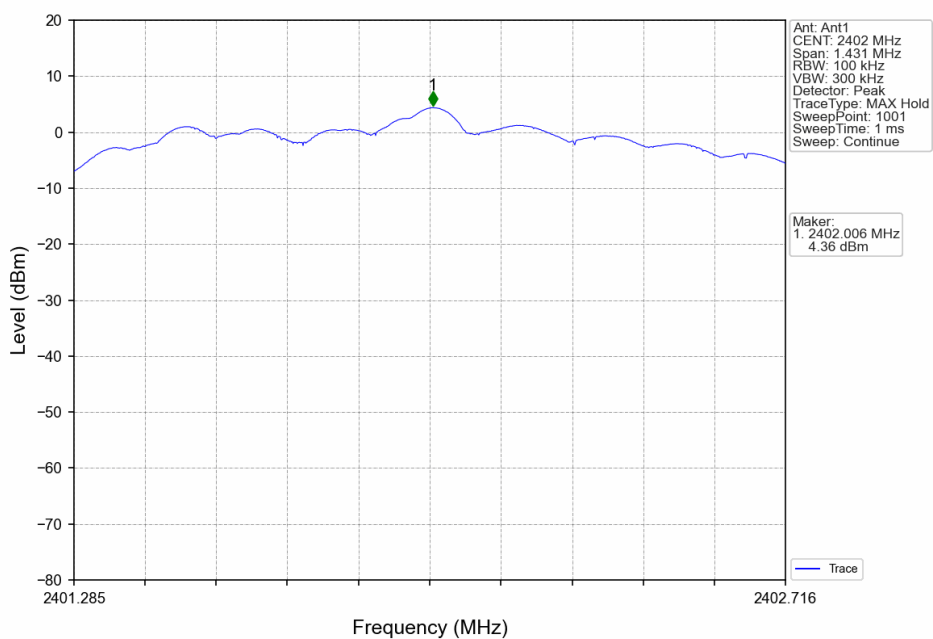
5.1.2 Test Graph



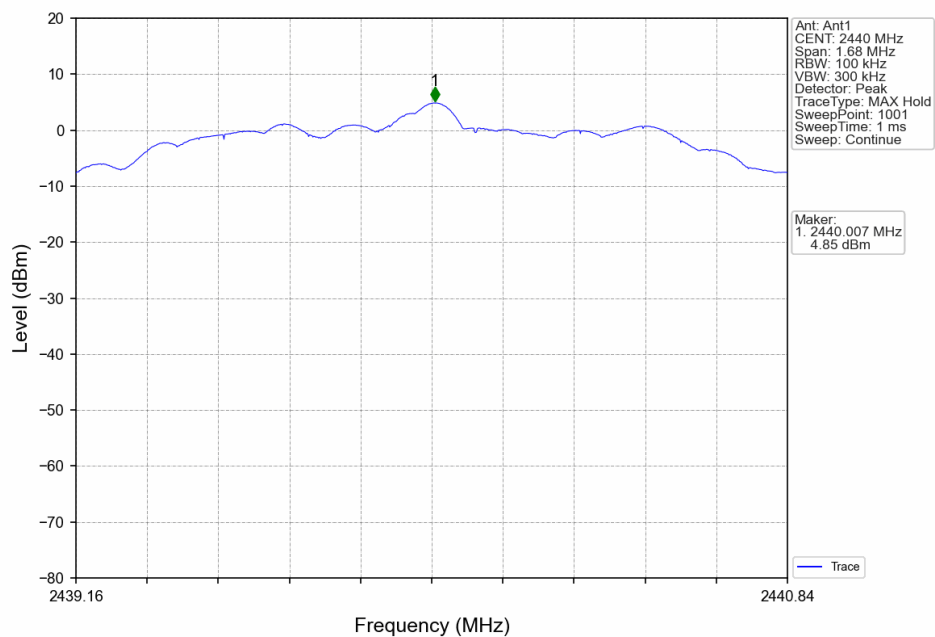
GFSK_1M_HCH_2480MHz_Ant1_NTNV



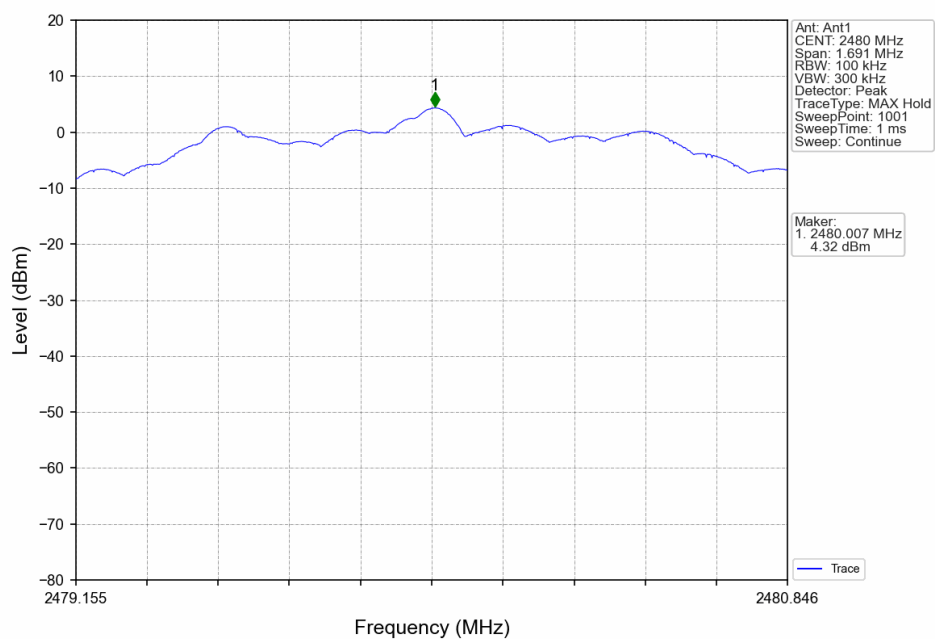
GFSK_2M_LCH_2402MHz_Ant1_NTNV



GFSK_2M_MCH_2440MHz_Ant1_NTNV



GFSK_2M_HCH_2480MHz_Ant1_NTNV



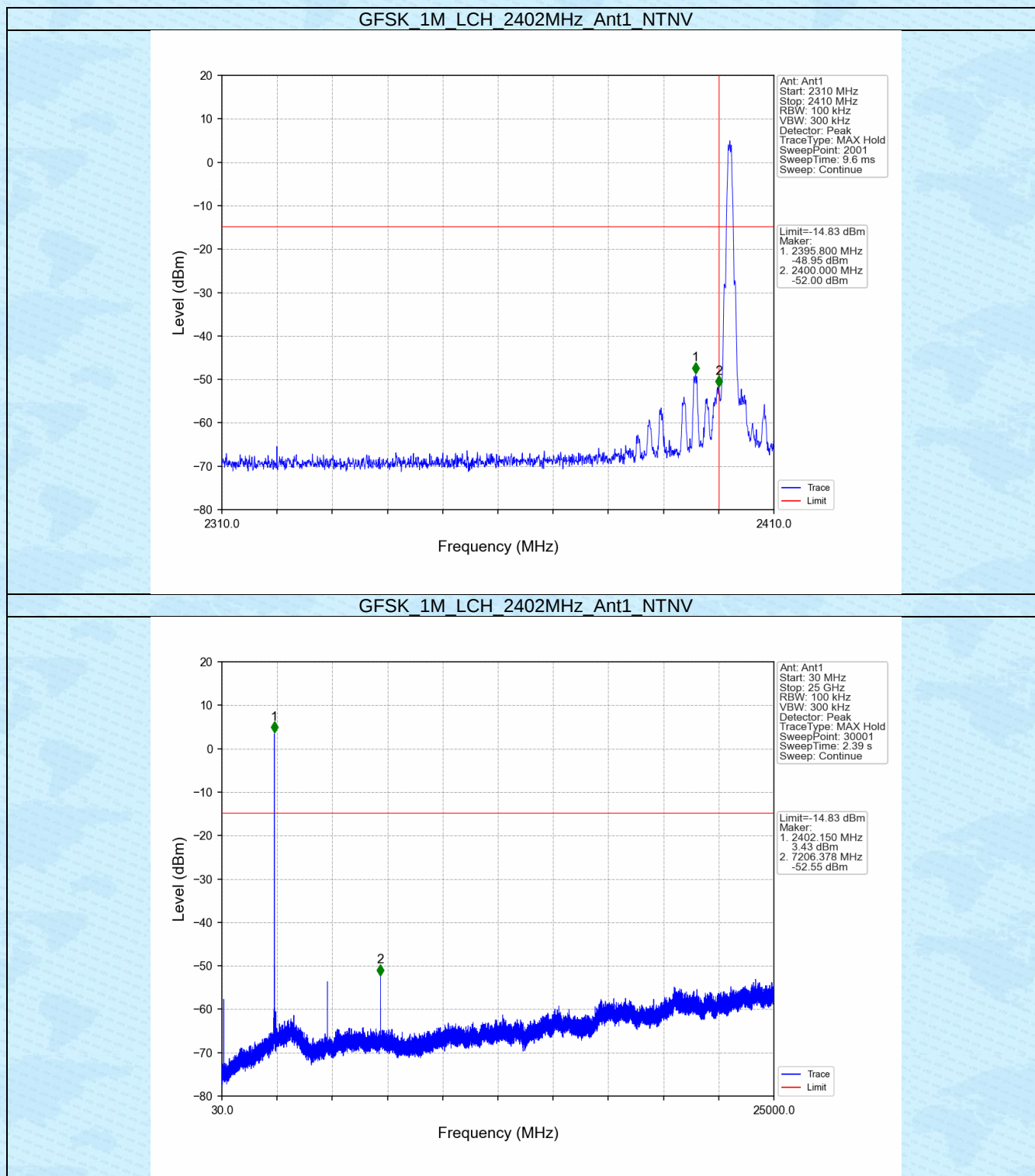
5.2 CSE

5.2.1 Test Result

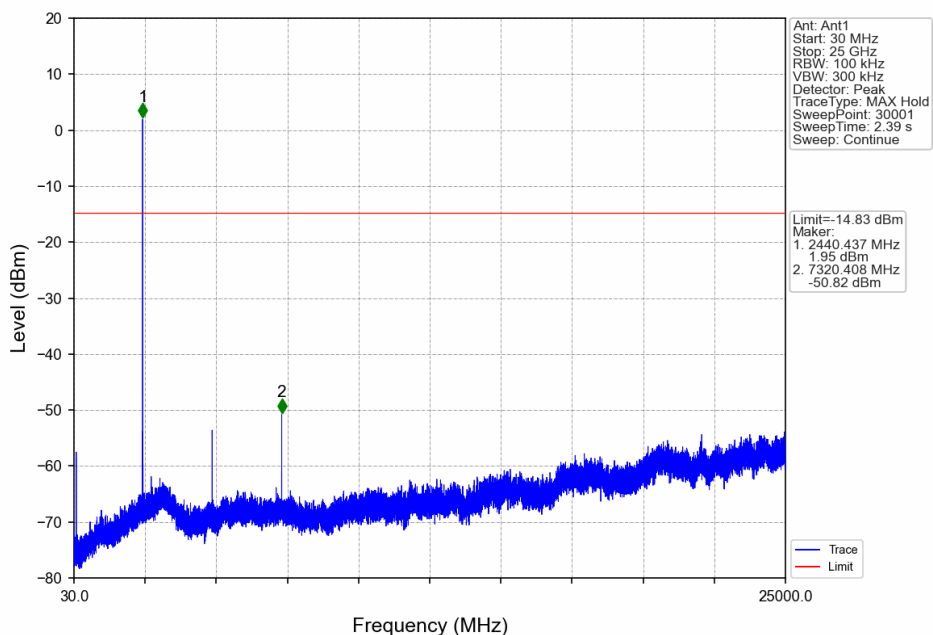
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK_1M	SISO	2402	1	5.17	-14.83	Pass
		2440	1	5.17	-14.83	Pass
		2480	1	5.17	-14.83	Pass
GFSK_2M	SISO	2402	1	4.85	-15.15	Pass
		2440	1	4.85	-15.15	Pass
		2480	1	4.85	-15.15	Pass

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.

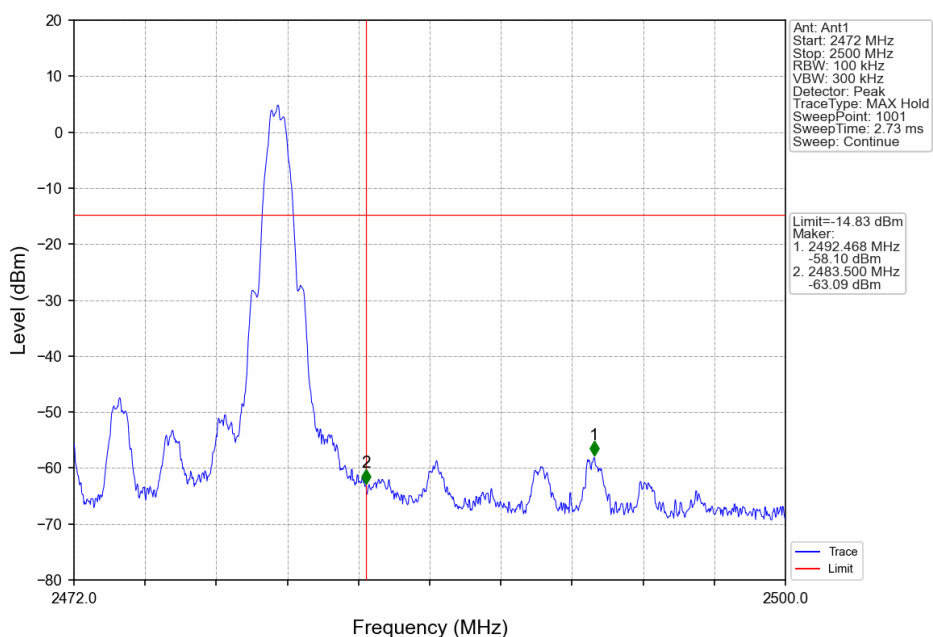
5.2.2 Test Graph



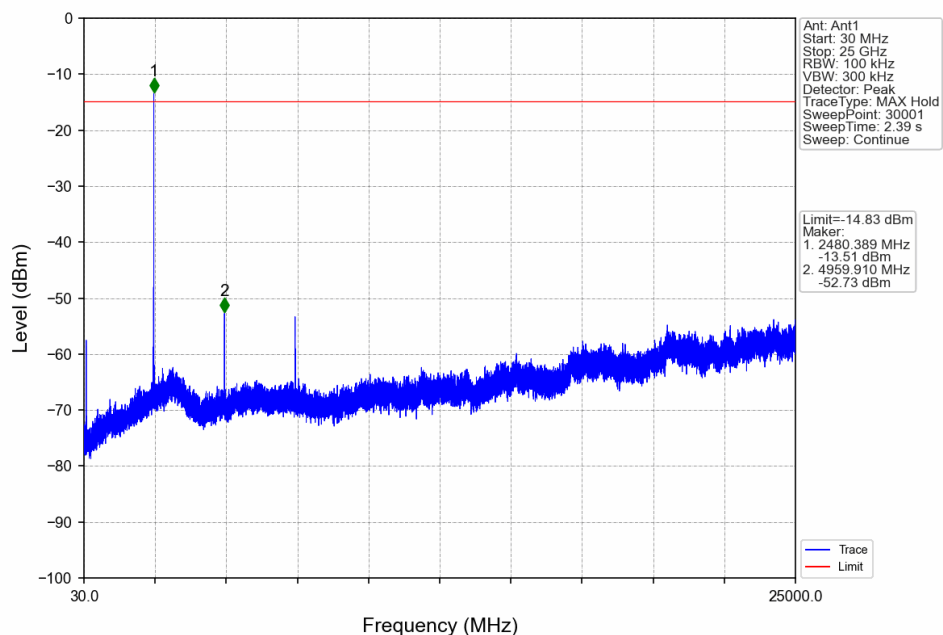
GFSK_1M_MCH_2440MHz_Ant1_NTNV



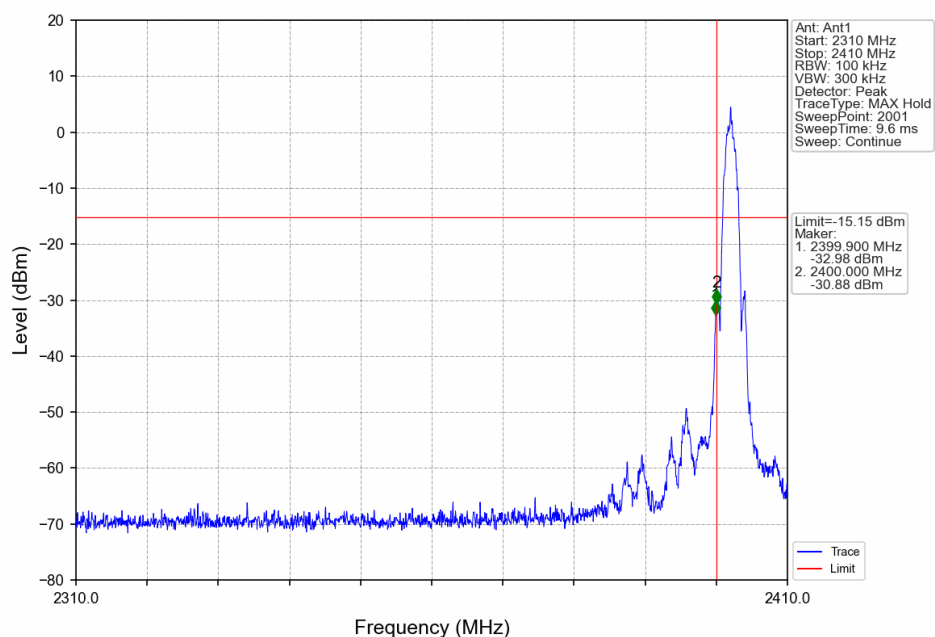
GFSK_1M_HCH_2480MHz_Ant1_NTNV



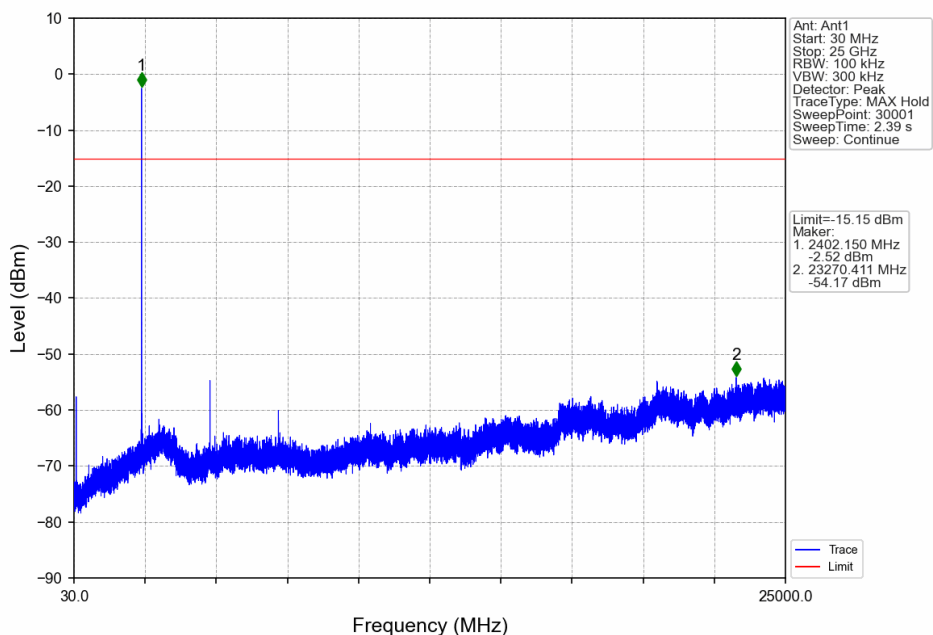
GFSK_1M_HCH_2480MHz_Ant1_NTNV



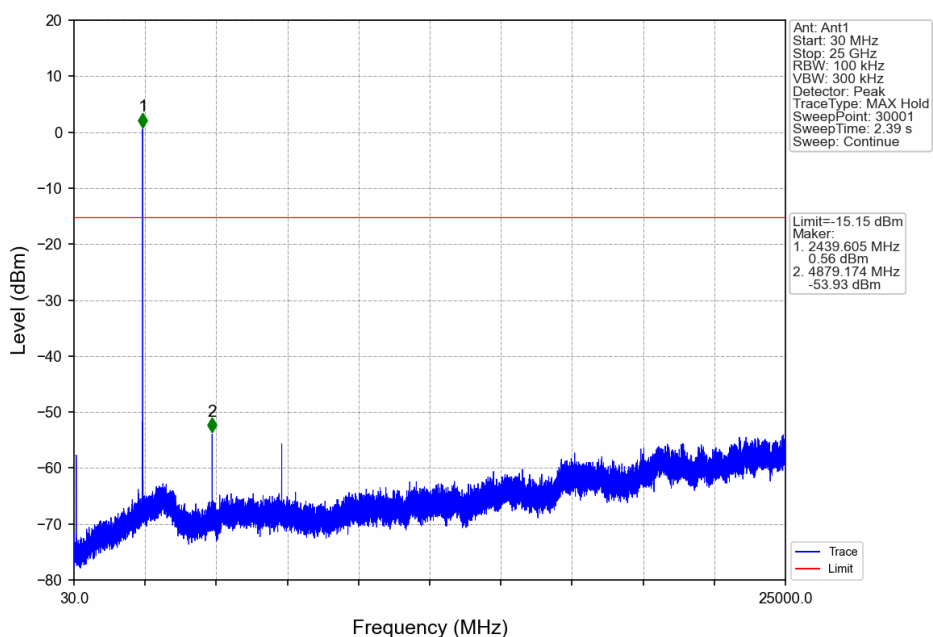
GFSK_2M_LCH_2402MHz_Ant1_NTNV



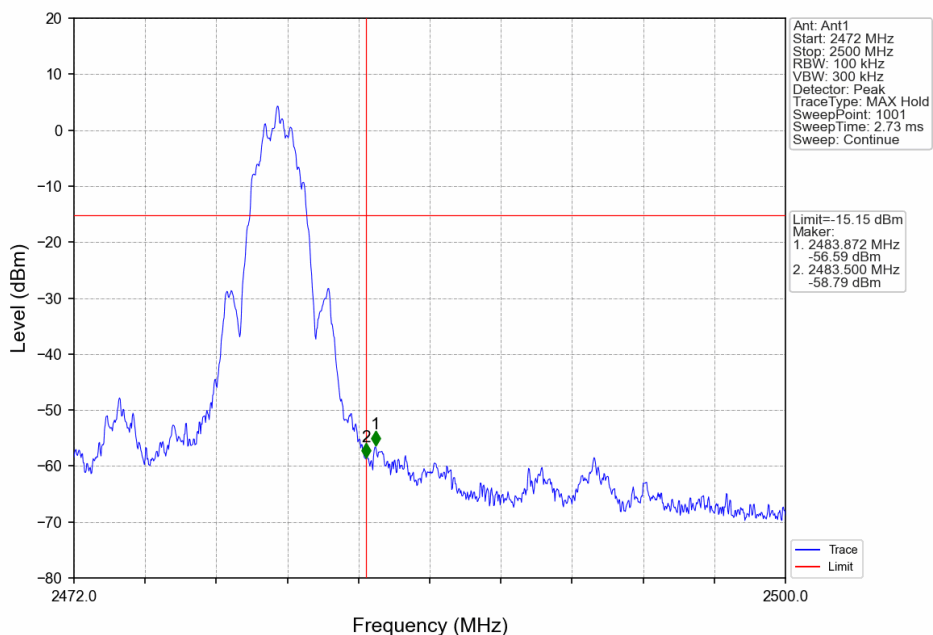
GFSK_2M_LCH_2402MHz_Ant1_NTNV



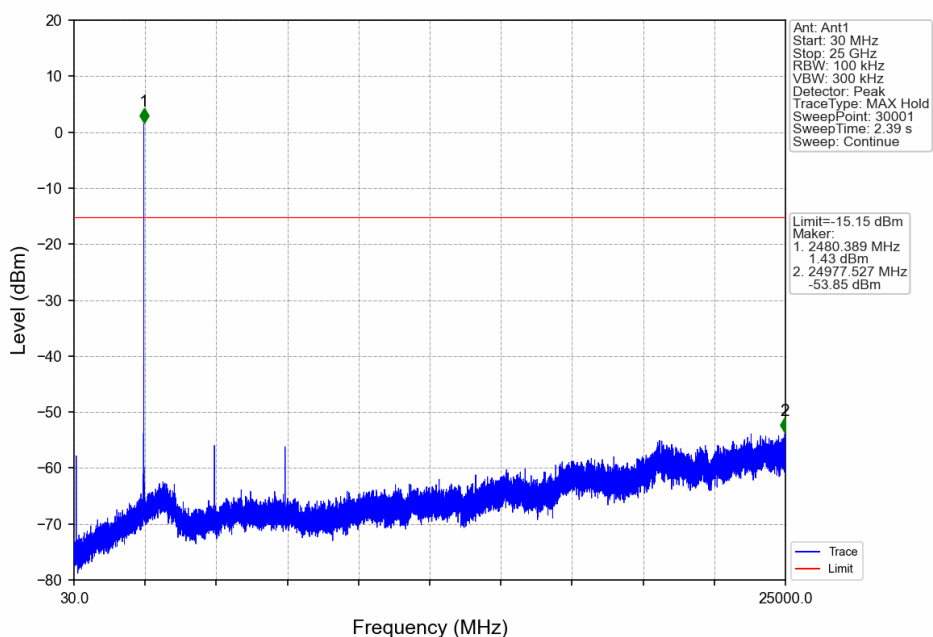
GFSK_2M_MCH_2440MHz_Ant1_NTNV



GFSK_2M_HCH_2480MHz_Ant1_NTNV



GFSK_2M_HCH_2480MHz_Ant1_NTNV



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