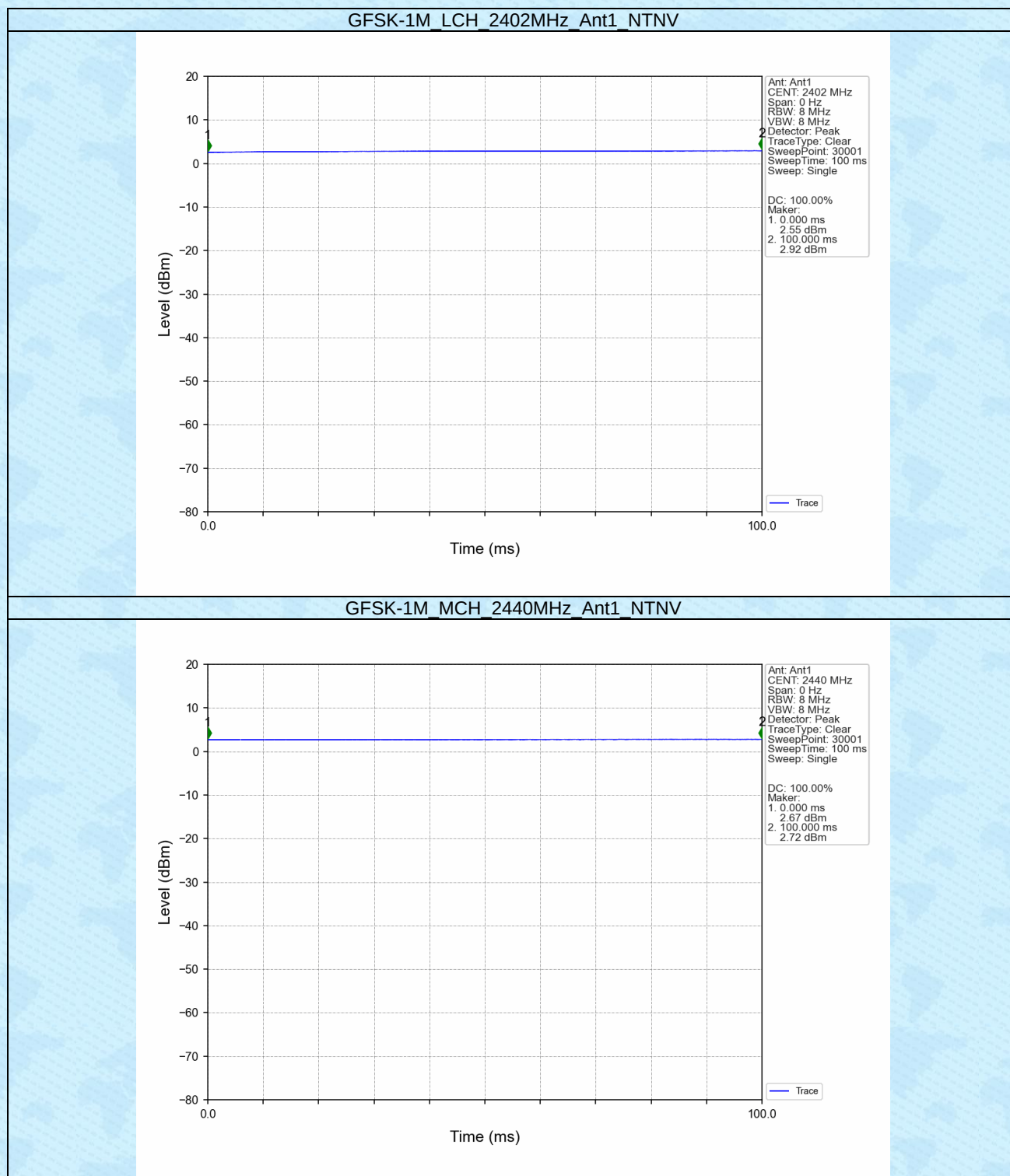


1. Duty Cycle

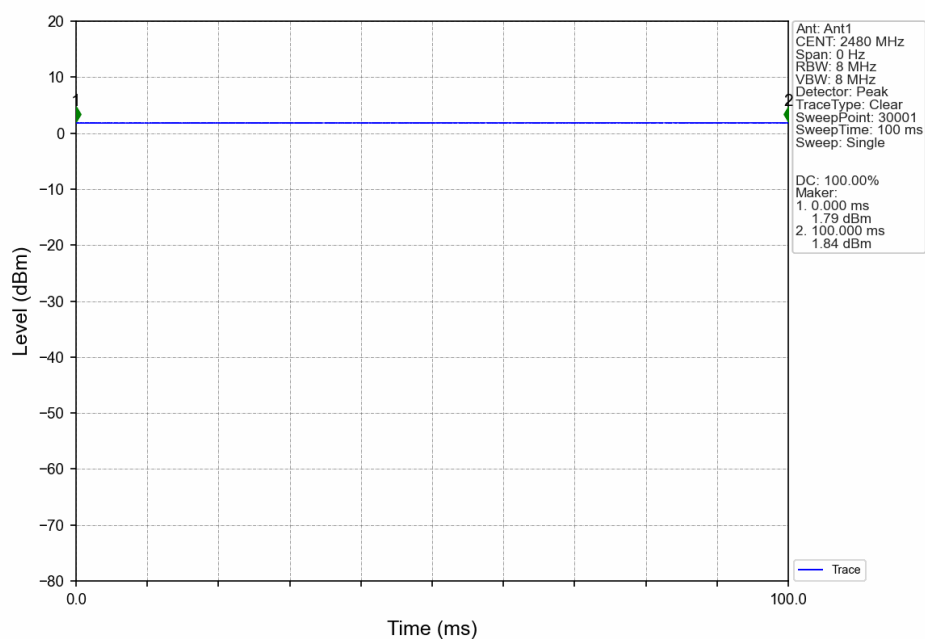
1.1 Test Result

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

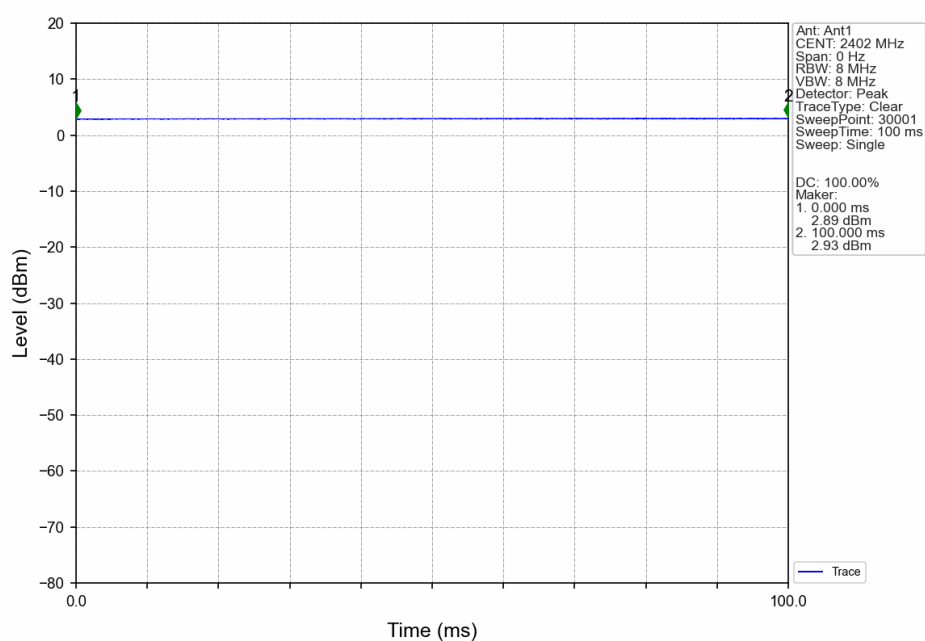
1.2 Test Graph

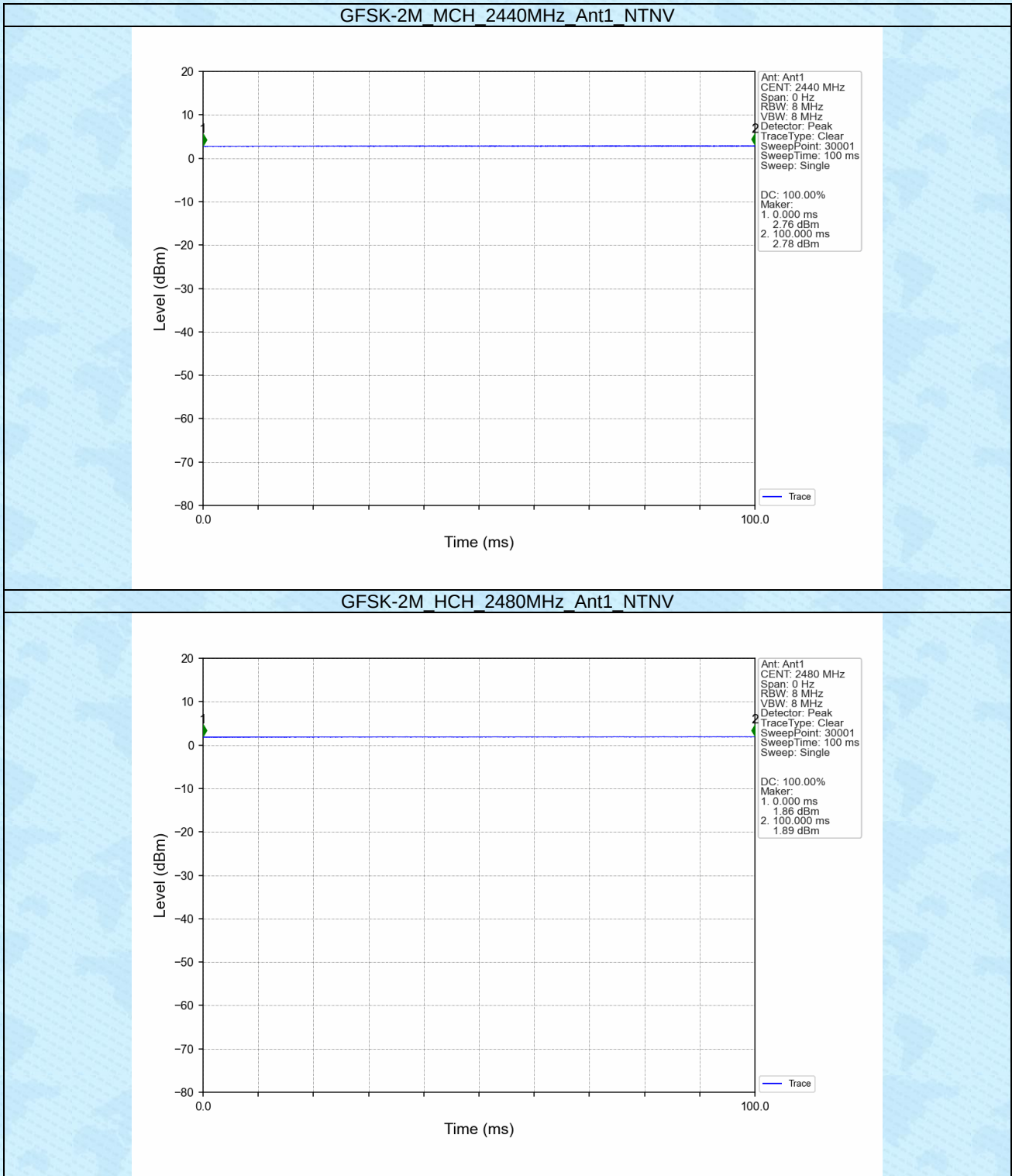


GFSK-1M_HCH_2480MHz_Ant1_NTNV



GFSK-2M_LCH_2402MHz_Ant1_NTNV





2. Bandwidth

2.1 Test Result

2.1.1 OBW

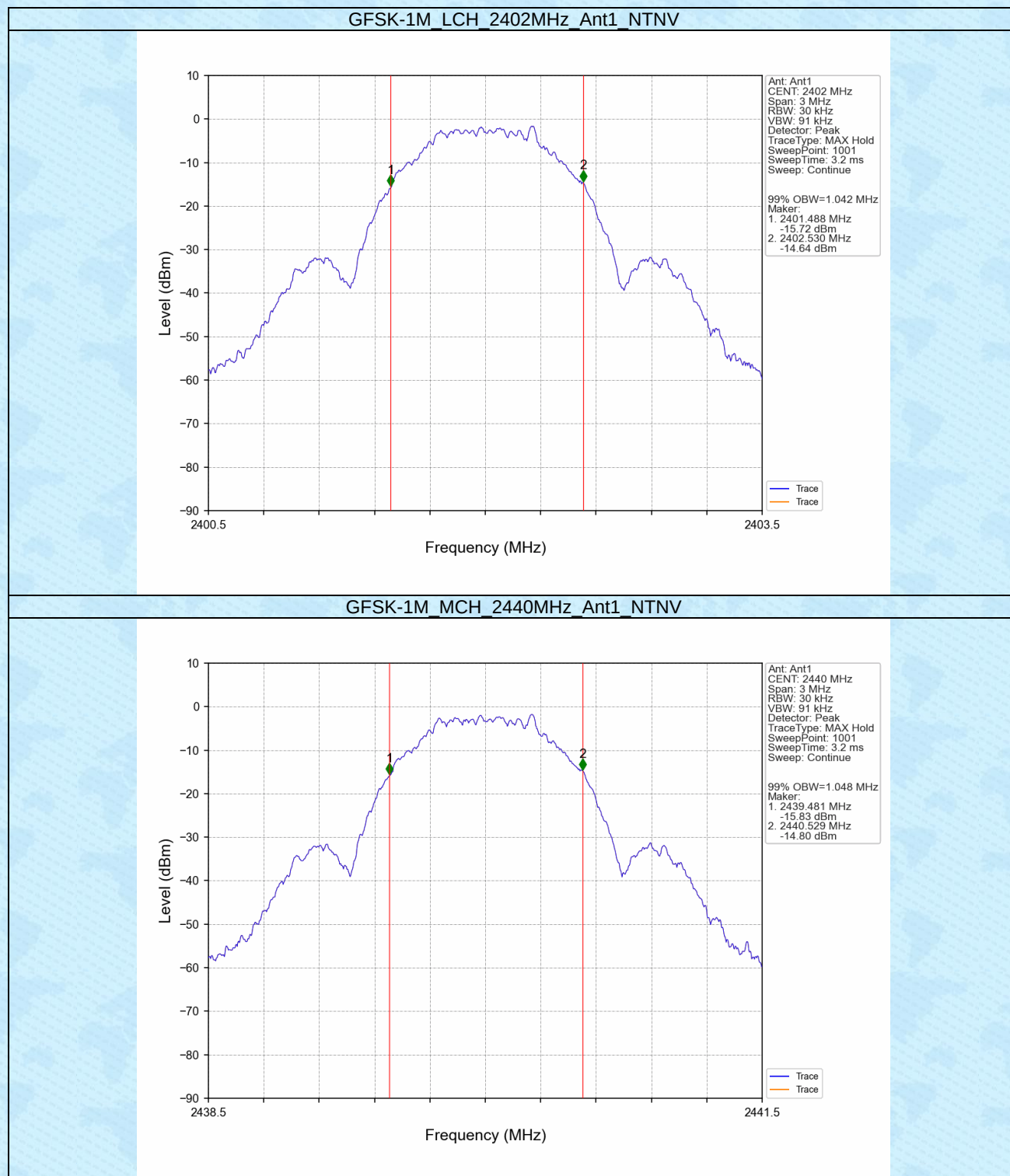
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
GFSK-1M	SISO	2402	1	1.042	/	Pass
		2440	1	1.048	/	Pass
		2480	1	1.053	/	Pass
GFSK-2M	SISO	2402	1	2.080	/	Pass
		2440	1	2.090	/	Pass
		2480	1	2.098	/	Pass

2.1.2 6dB BW

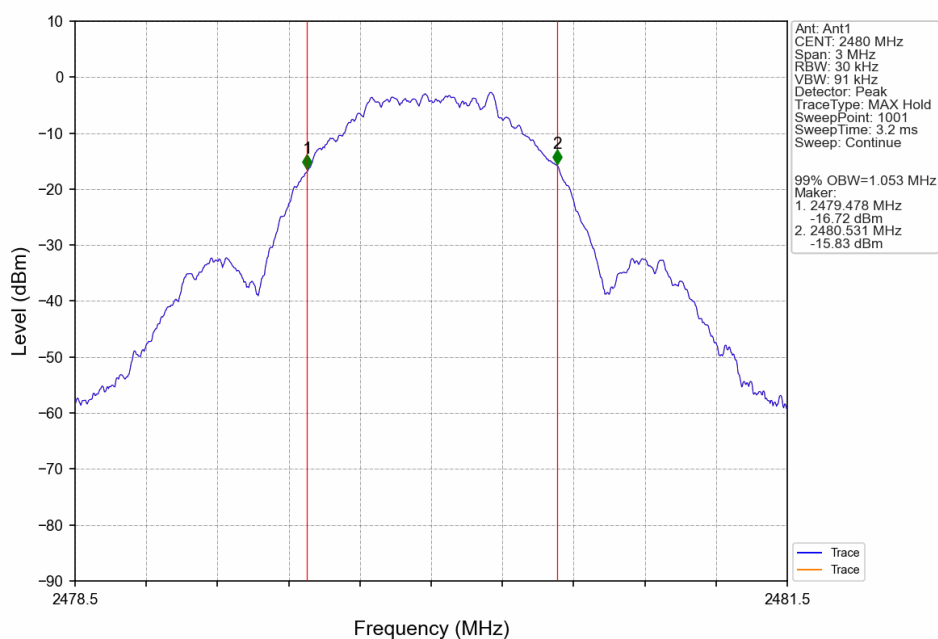
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
GFSK-1M	SISO	2402	1	0.679	≥ 0.5	Pass
		2440	1	0.682	≥ 0.5	Pass
		2480	1	0.683	≥ 0.5	Pass
GFSK-2M	SISO	2402	1	1.313	≥ 0.5	Pass
		2440	1	1.330	≥ 0.5	Pass
		2480	1	1.337	≥ 0.5	Pass

2.2 Test Graph

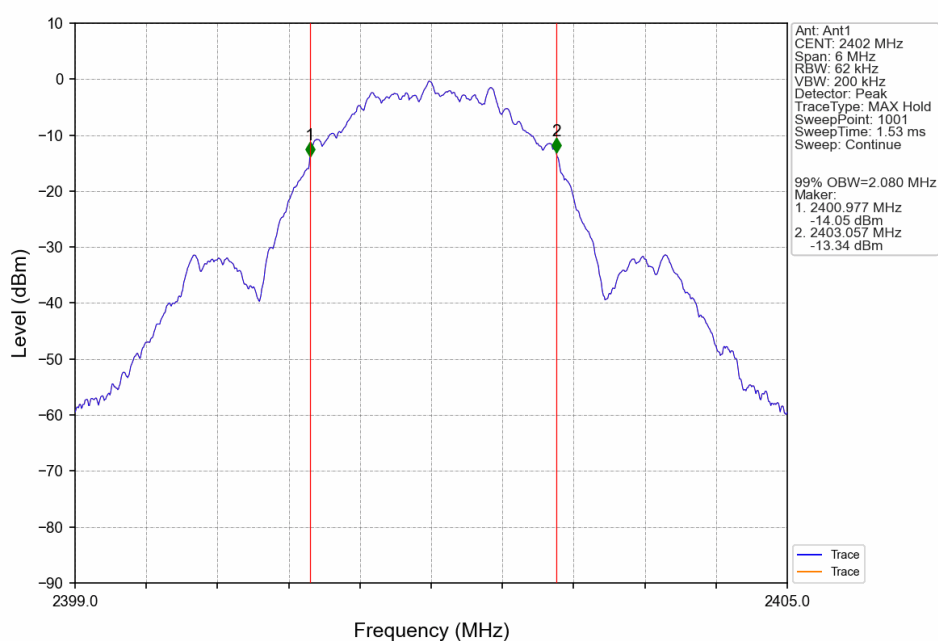
2.2.1 OBW



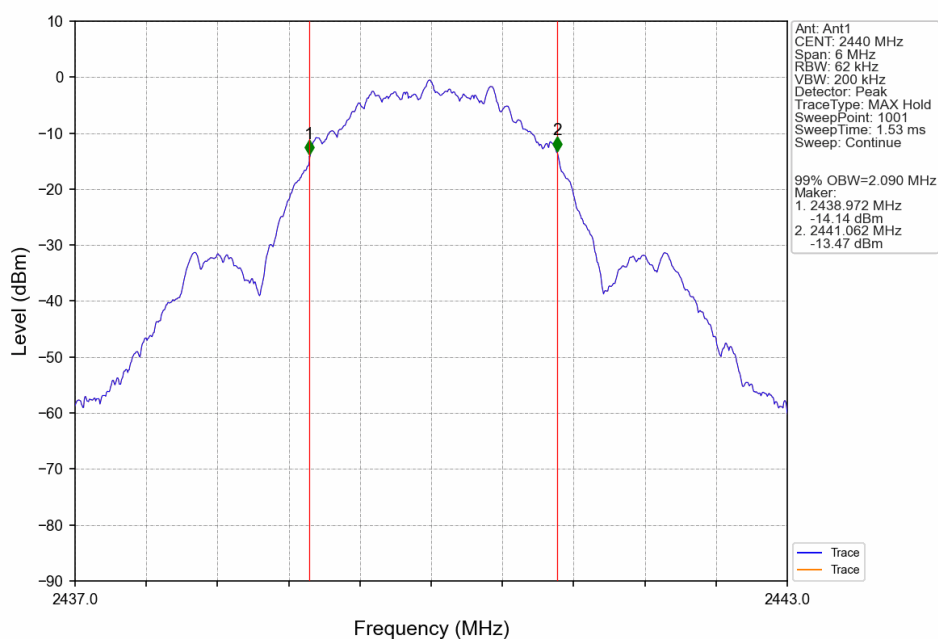
GFSK-1M_HCH_2480MHz_Ant1_NTNV



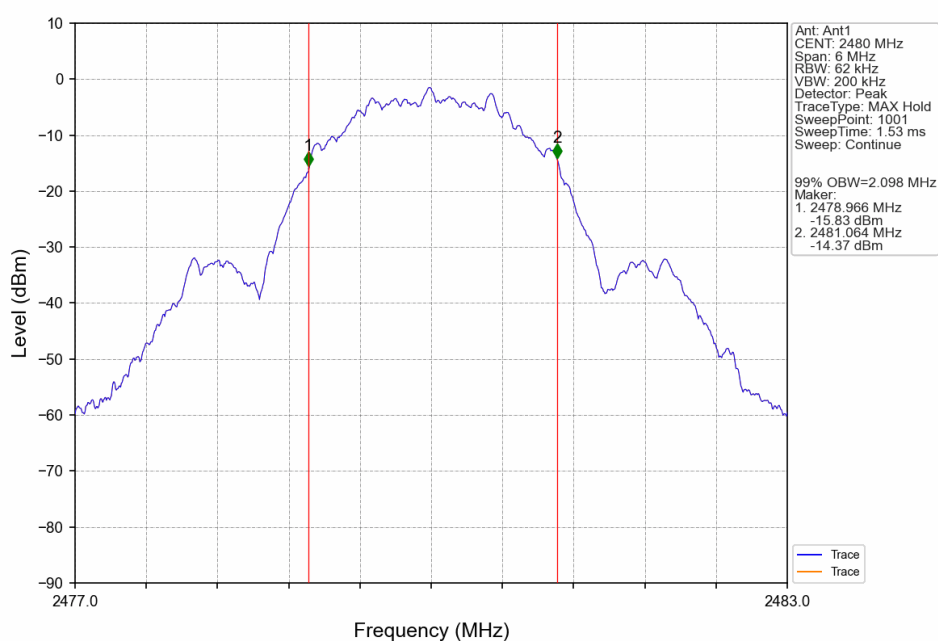
GFSK-2M_LCH_2402MHz_Ant1_NTNV



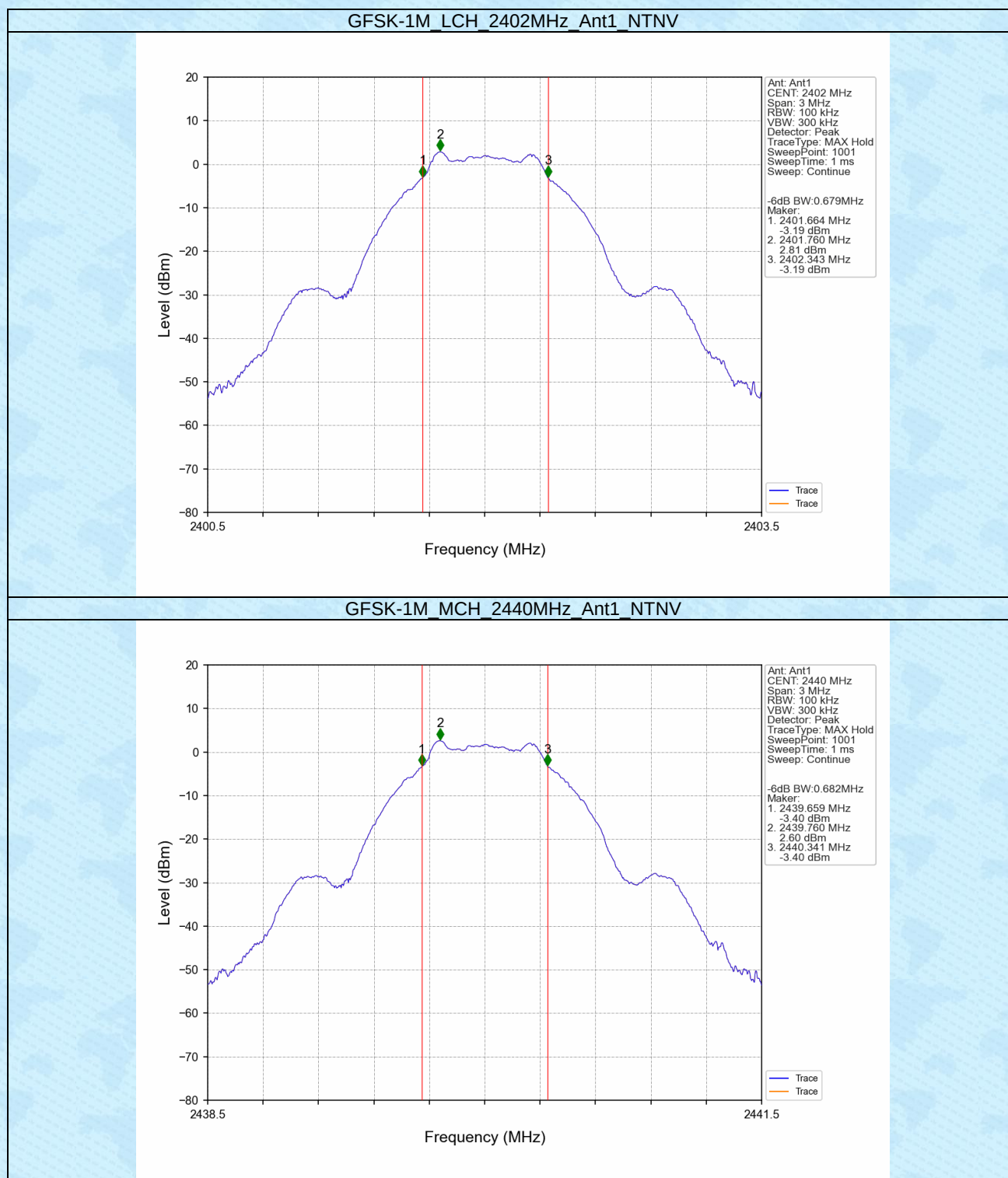
GFSK-2M_MCH_2440MHz_Ant1_NTNV



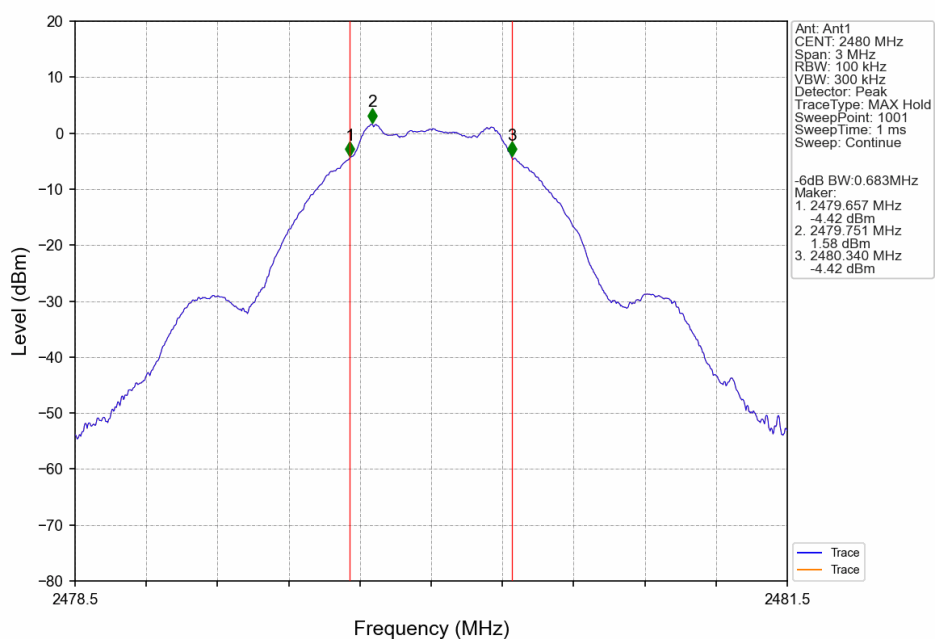
GFSK-2M_HCH_2480MHz_Ant1_NTNV



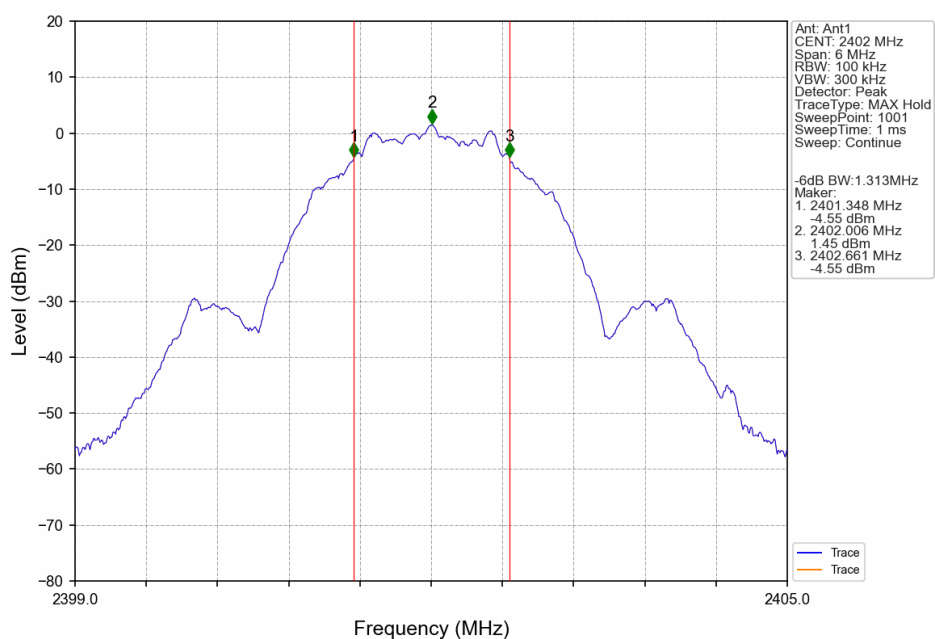
2.2.2 6dB BW



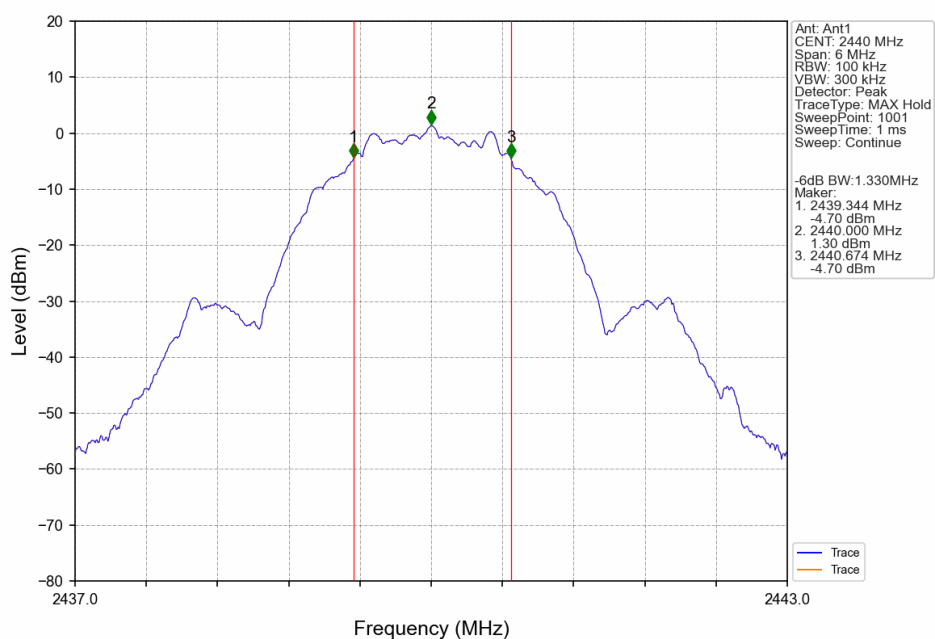
GFSK-1M_HCH_2480MHz_Ant1_NTNV



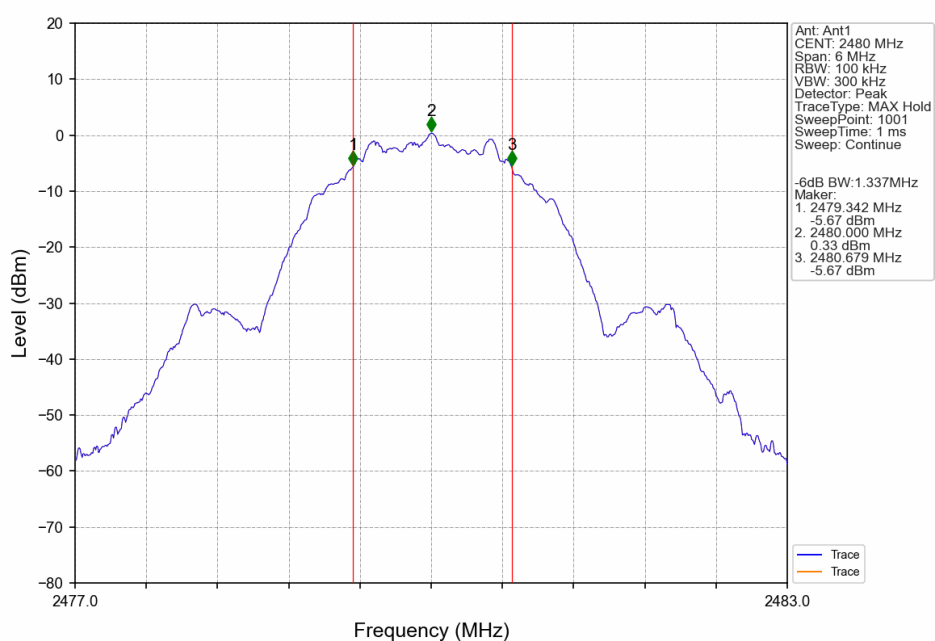
GFSK-2M_LCH_2402MHz_Ant1_NTNV



GFSK-2M_MCH_2440MHz_Ant1_NTNV



GFSK-2M_HCH_2480MHz_Ant1_NTNV

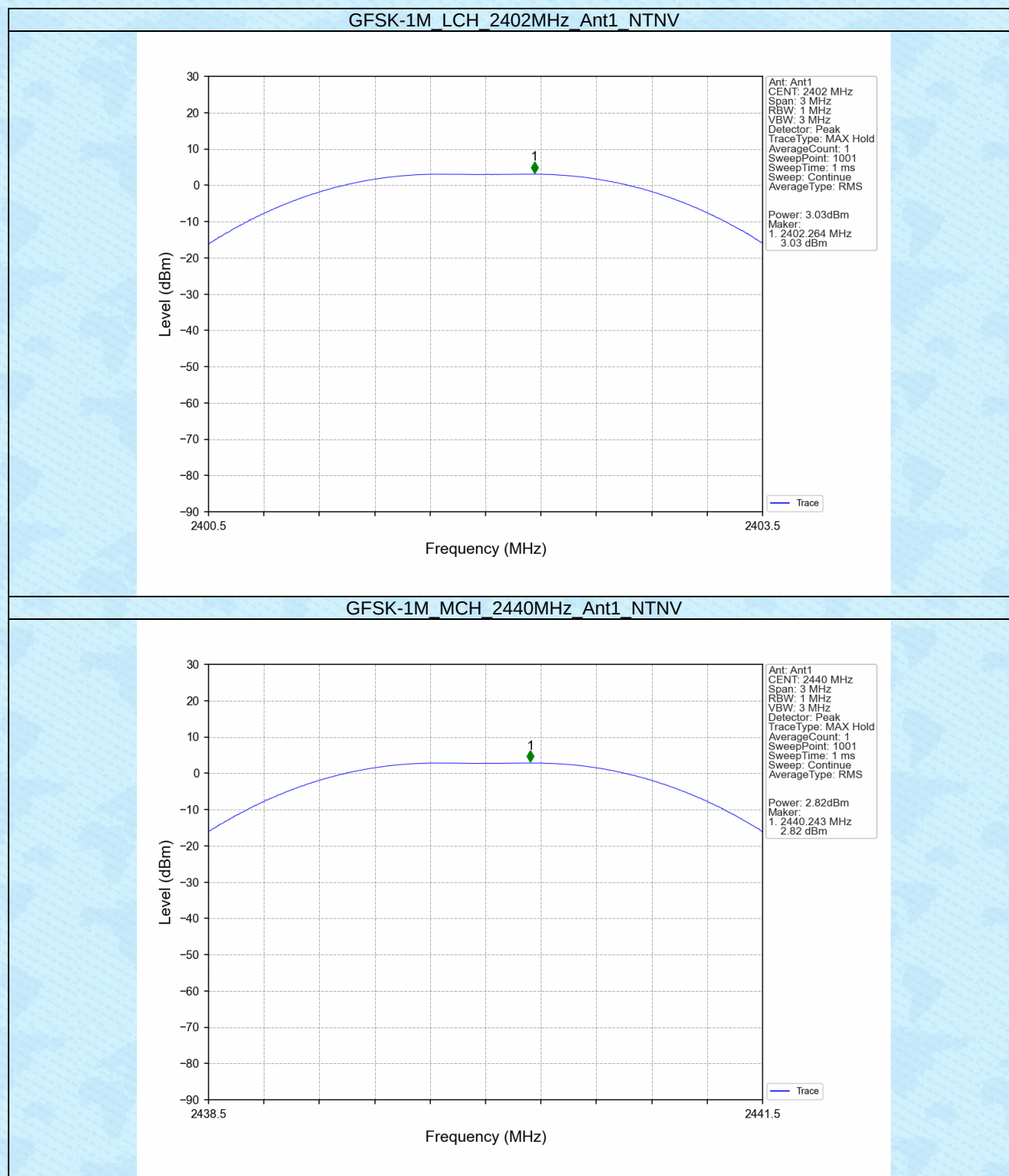


3. Maximum Conducted Output Power

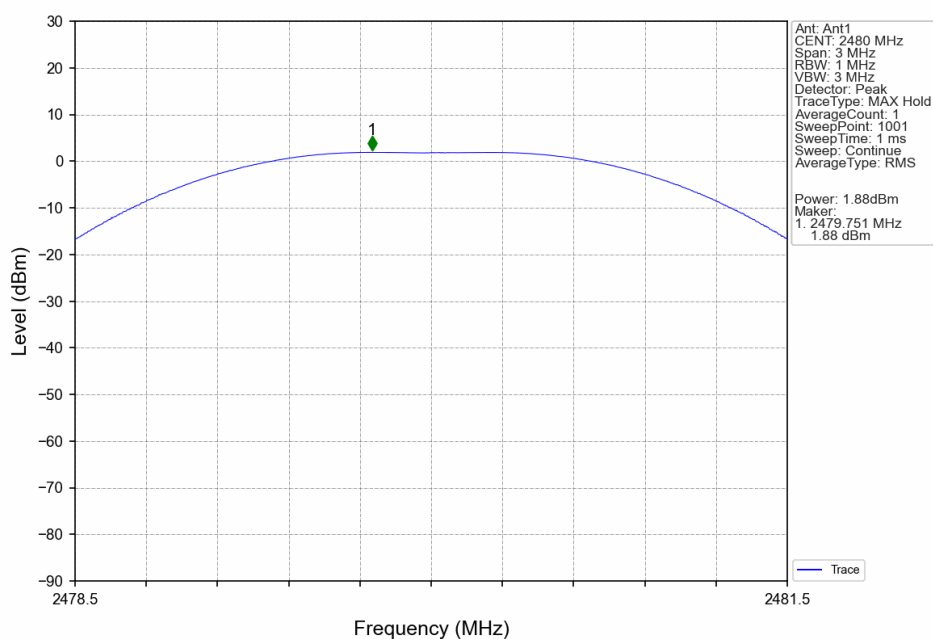
3.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
GFSK-1M	SISO	2402	3.03	<=30	Pass
		2440	2.82	<=30	Pass
		2480	1.88	<=30	Pass
GFSK-2M	SISO	2402	2.93	<=30	Pass
		2440	2.83	<=30	Pass
		2480	1.90	<=30	Pass

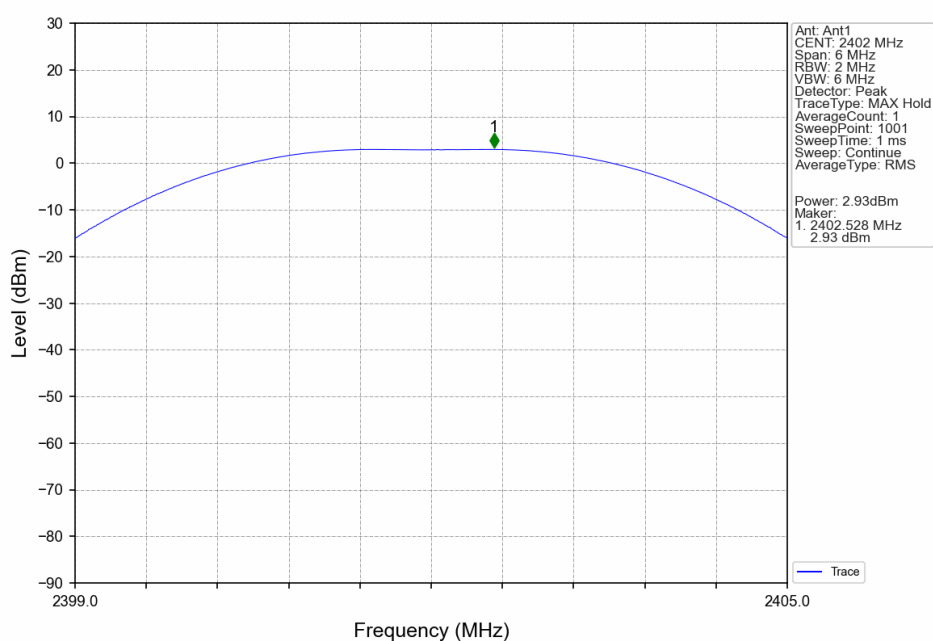
3.2 Test Graph



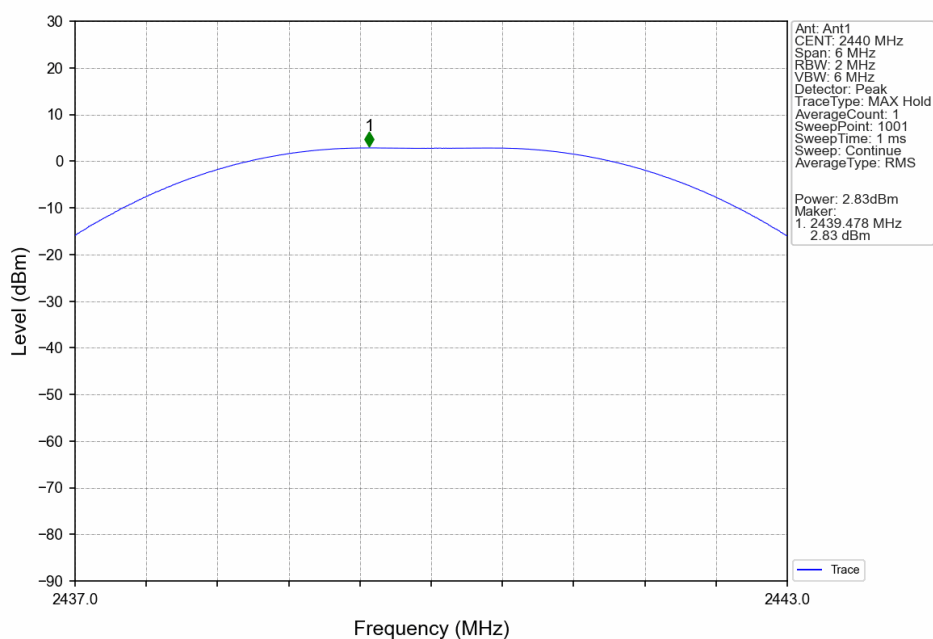
GFSK-1M_HCH_2480MHz_Ant1_NTNV



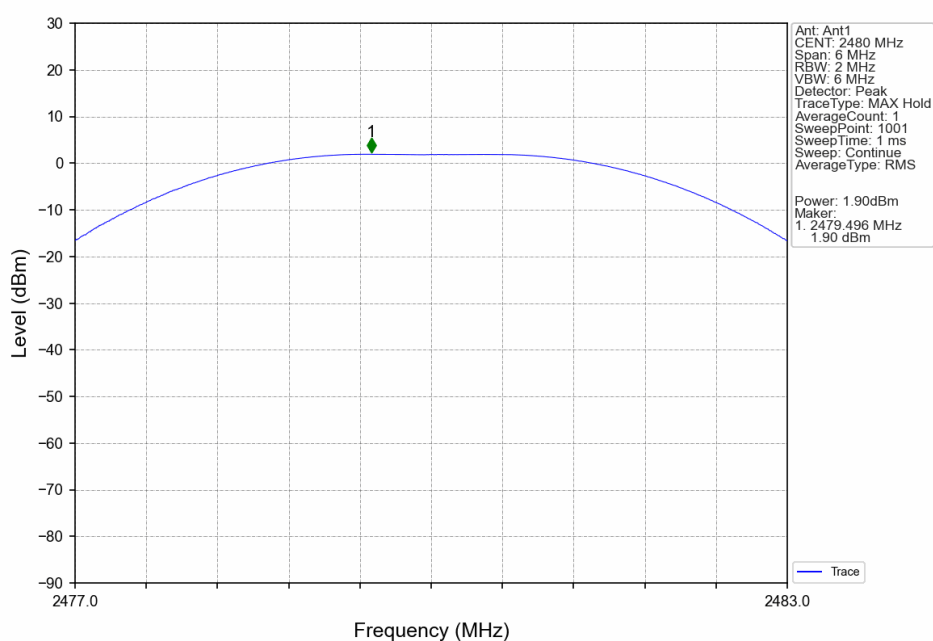
GFSK-2M_LCH_2402MHz_Ant1_NTNV



GFSK-2M_MCH_2440MHz_Ant1_NTNV



GFSK-2M_HCH_2480MHz_Ant1_NTNV

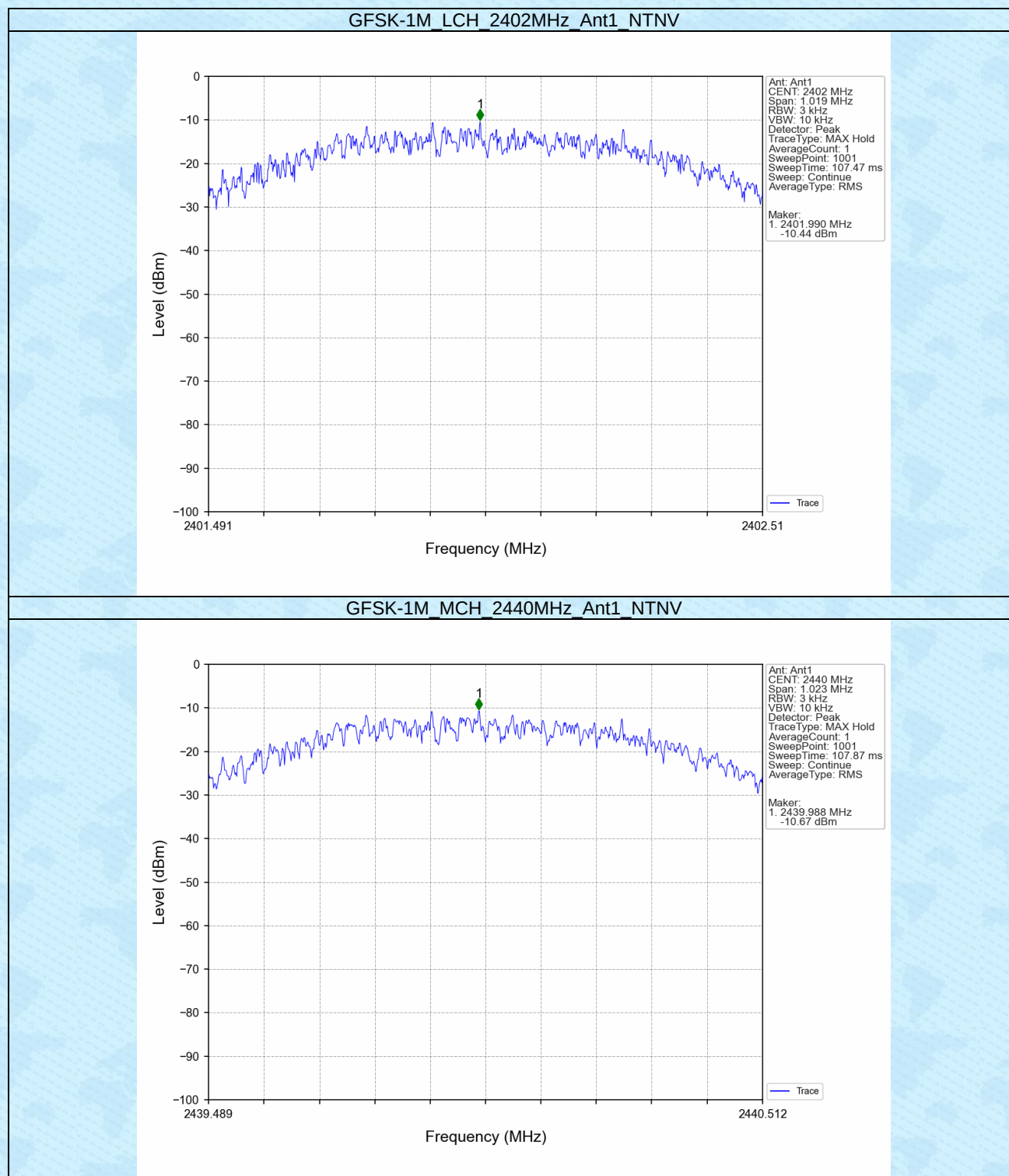


4. Maximum Power Spectral Density

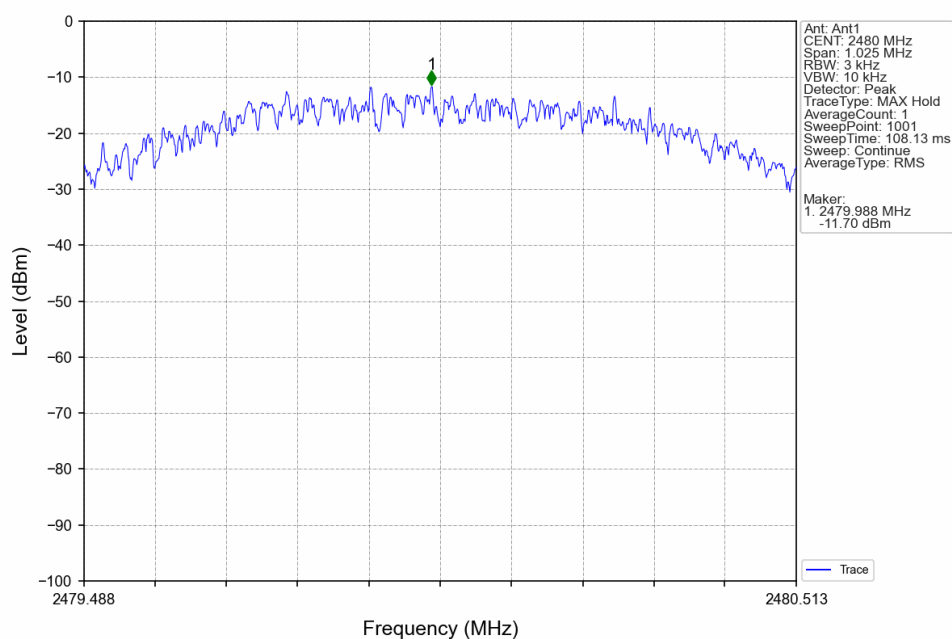
4.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
GFSK-1M	SISO	2402	-10.44	≤ 8	Pass
		2440	-10.67	≤ 8	Pass
		2480	-11.70	≤ 8	Pass
GFSK-2M	SISO	2402	-12.57	≤ 8	Pass
		2440	-12.68	≤ 8	Pass
		2480	-13.54	≤ 8	Pass

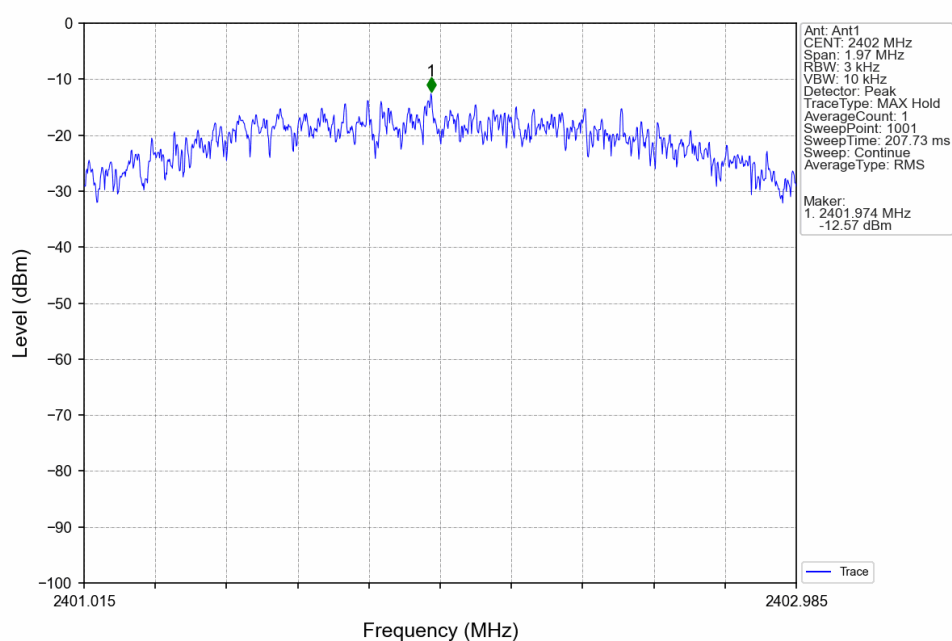
4.2 Test Graph



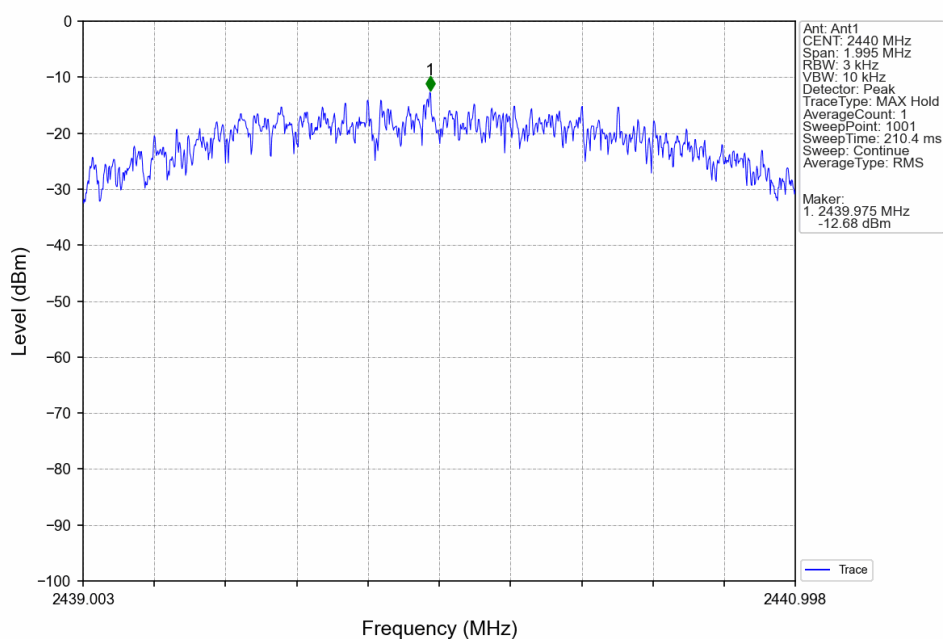
GFSK-1M_HCH_2480MHz_Ant1_NTNV



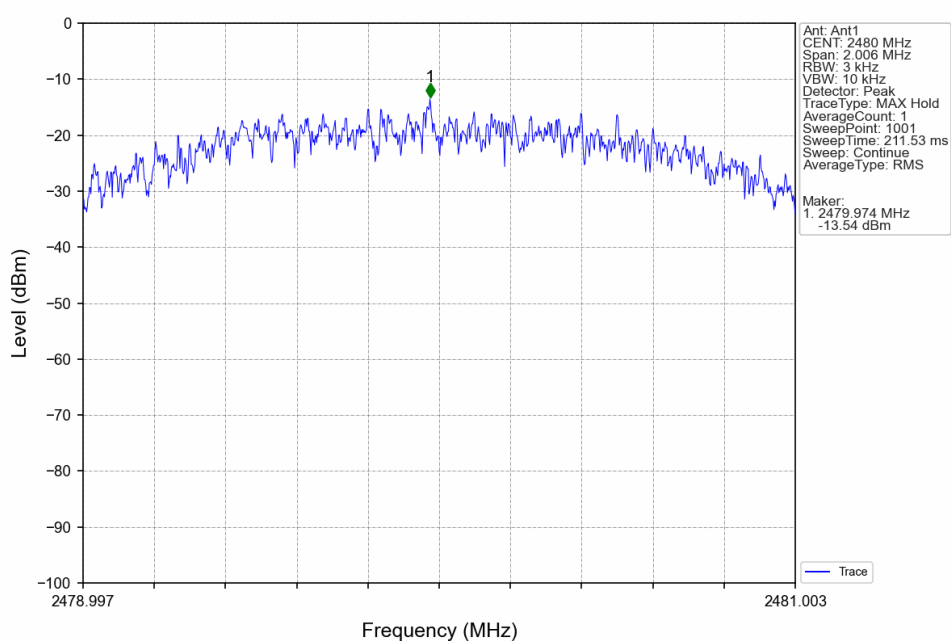
GFSK-2M_LCH_2402MHz_Ant1_NTNV



GFSK-2M_MCH_2440MHz_Ant1_NTNV



GFSK-2M_HCH_2480MHz_Ant1_NTNV



5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Test Result

5.1.1 Ref

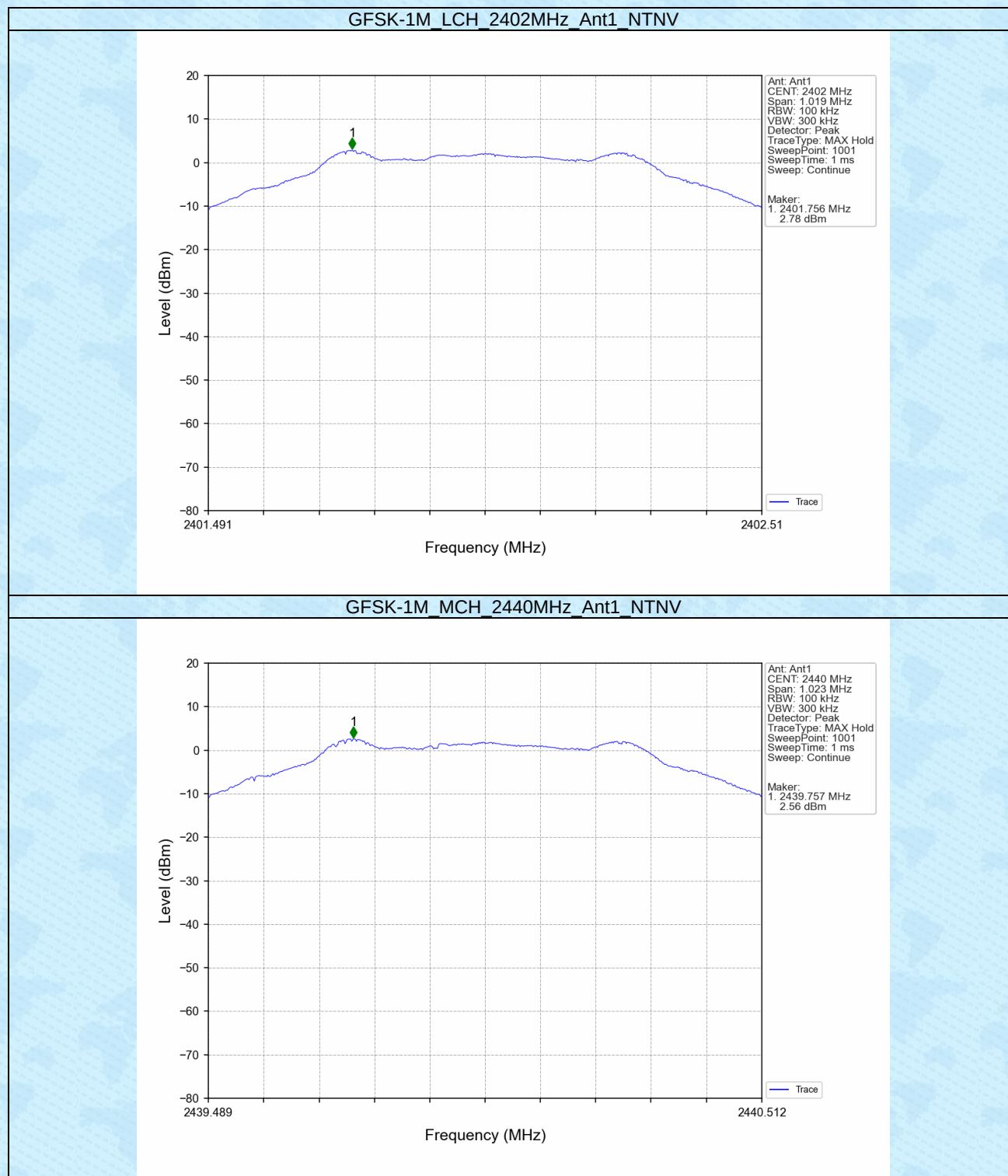
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
GFSK-1M	SISO	2402	1	2.78
		2440	1	2.56
		2480	1	1.64
GFSK-2M	SISO	2402	1	1.49
		2440	1	1.36
		2480	1	0.42
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.				

5.1.2 CSE

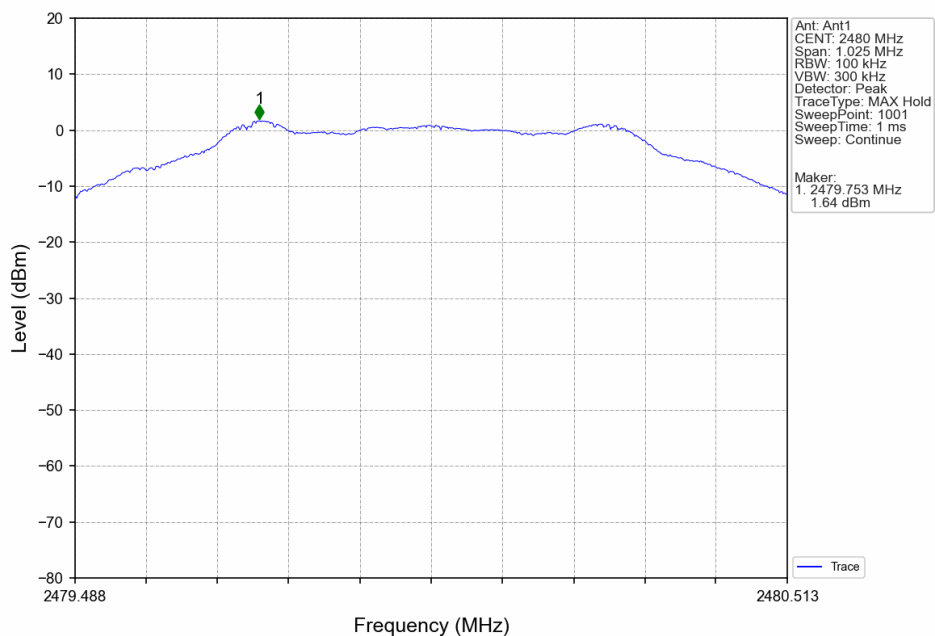
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK-1M	SISO	2402	1	2.78	-17.22	Pass
		2440	1	2.78	-17.22	Pass
		2480	1	2.78	-17.22	Pass
GFSK-2M	SISO	2402	1	1.49	-18.51	Pass
		2440	1	1.49	-18.51	Pass
		2480	1	1.49	-18.51	Pass
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.						

5.2 Test Graph

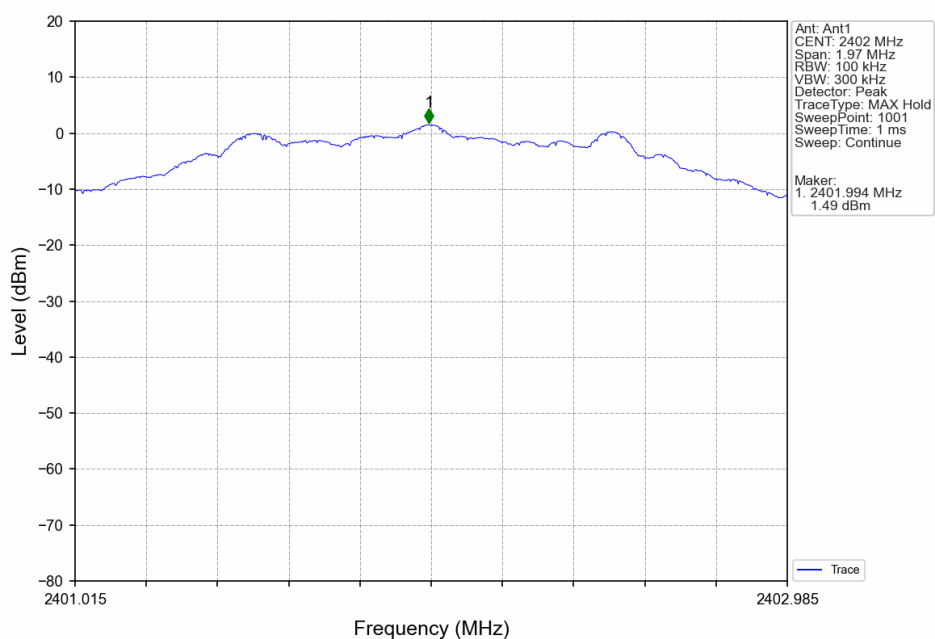
5.2.1 Ref



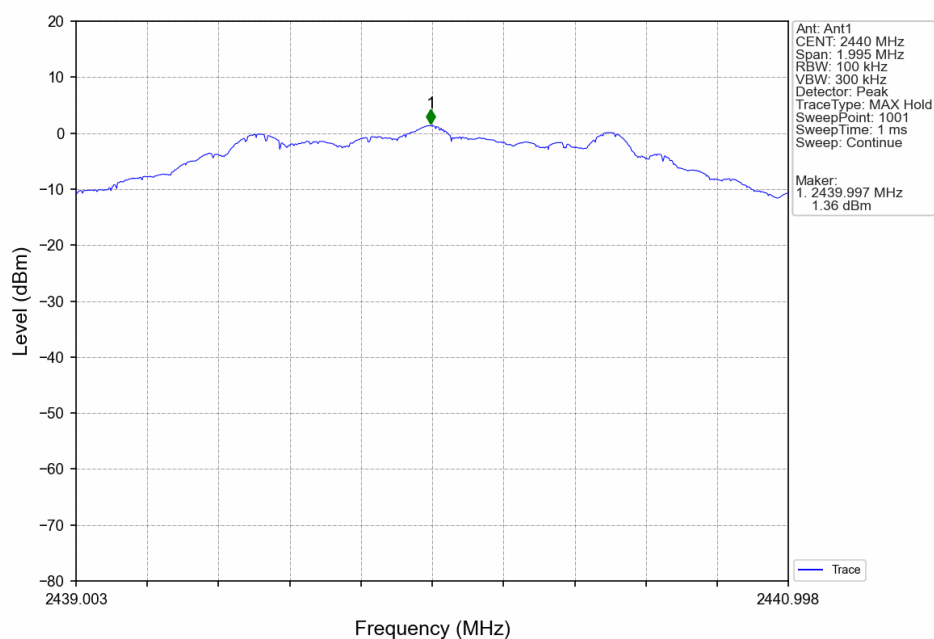
GFSK-1M_HCH_2480MHz_Ant1_NTNV



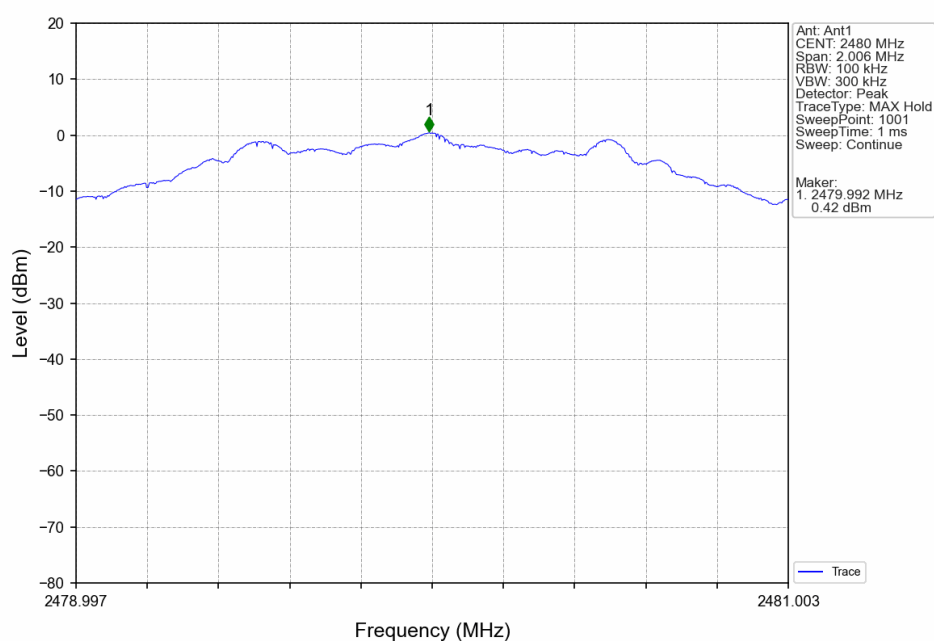
GFSK-2M_LCH_2402MHz_Ant1_NTNV



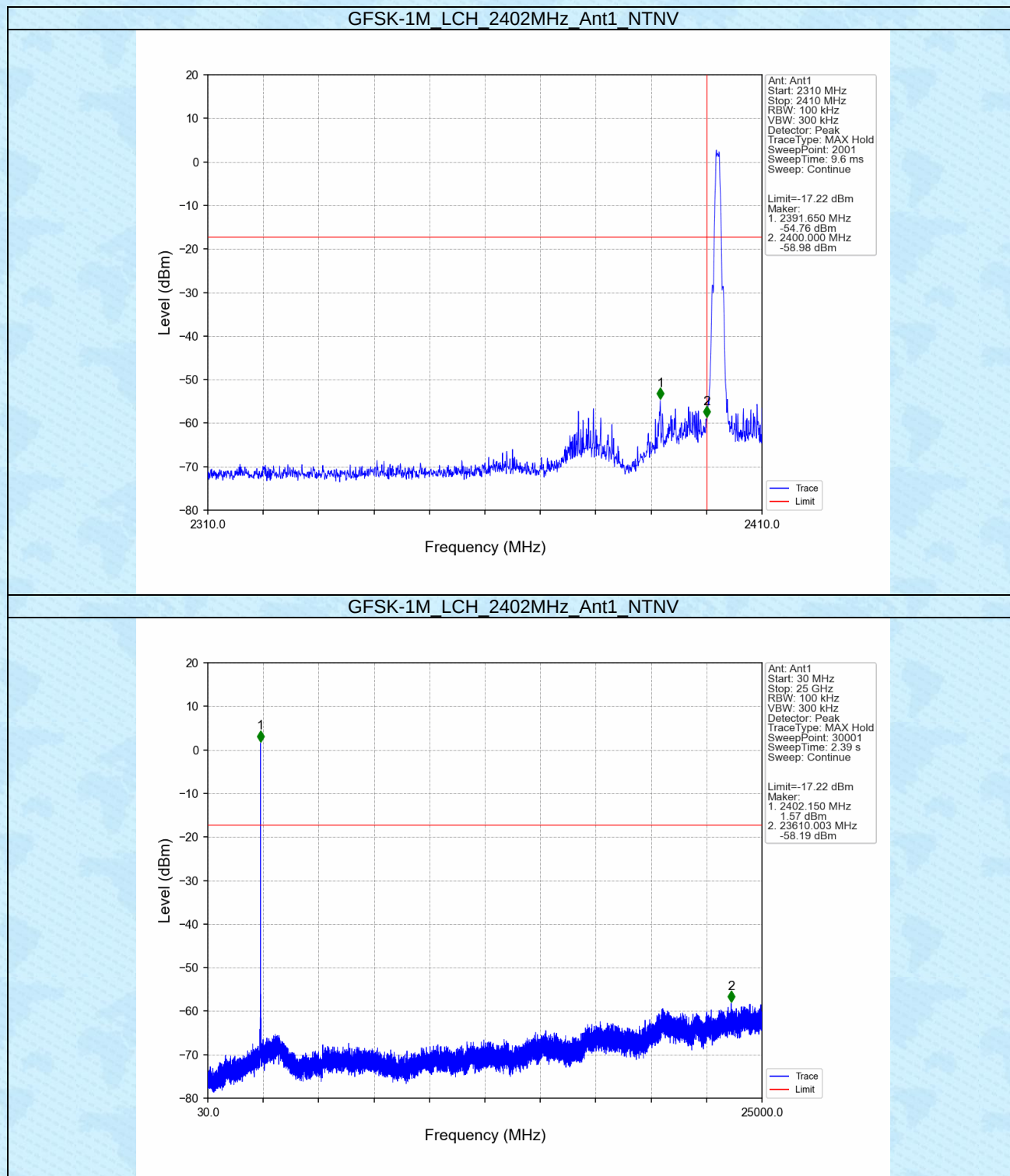
GFSK-2M_MCH_2440MHz_Ant1_NTNV



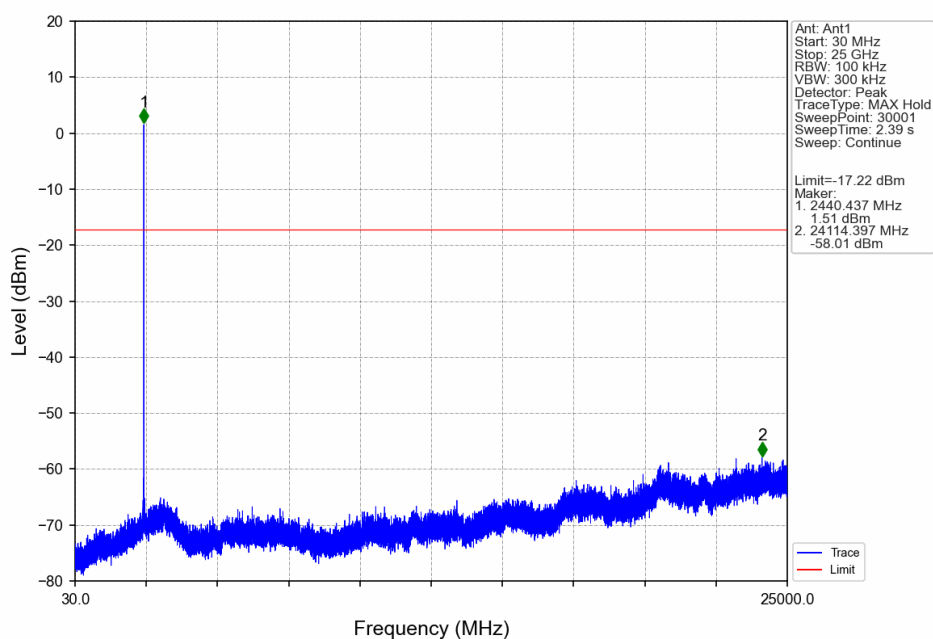
GFSK-2M_HCH_2480MHz_Ant1_NTNV



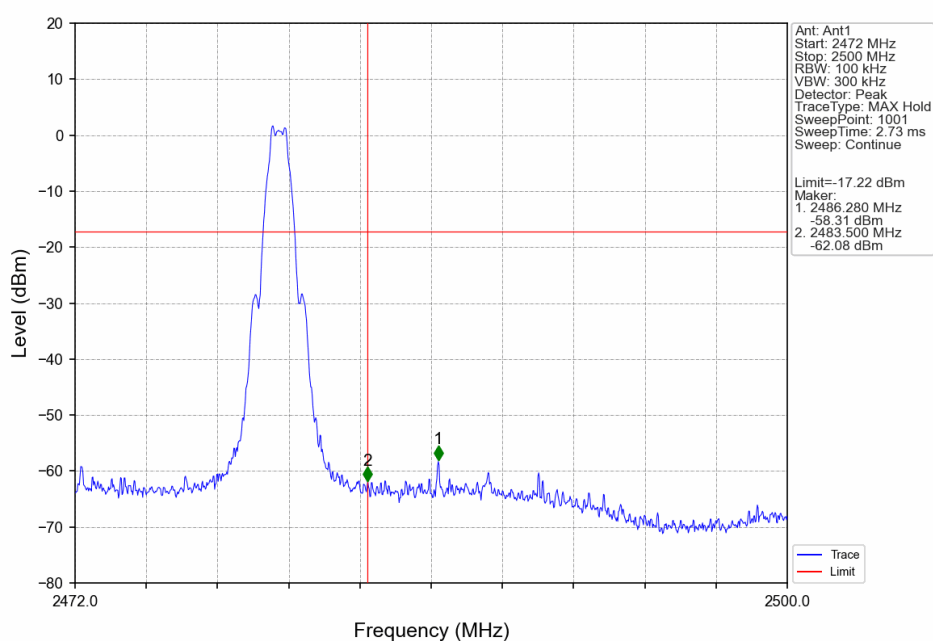
5.2.2 CSE



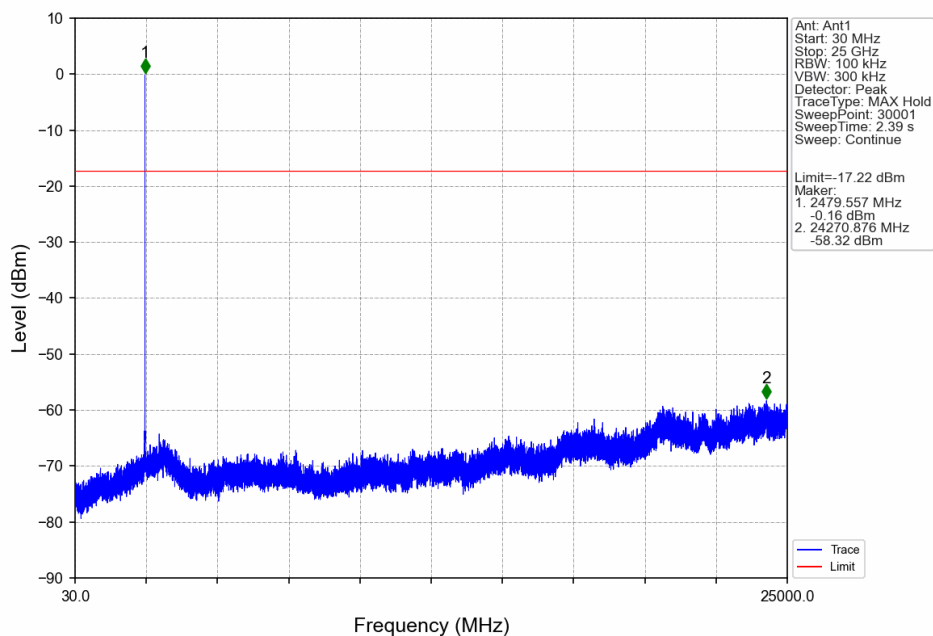
GFSK-1M_MCH_2440MHz_Ant1_NTNV



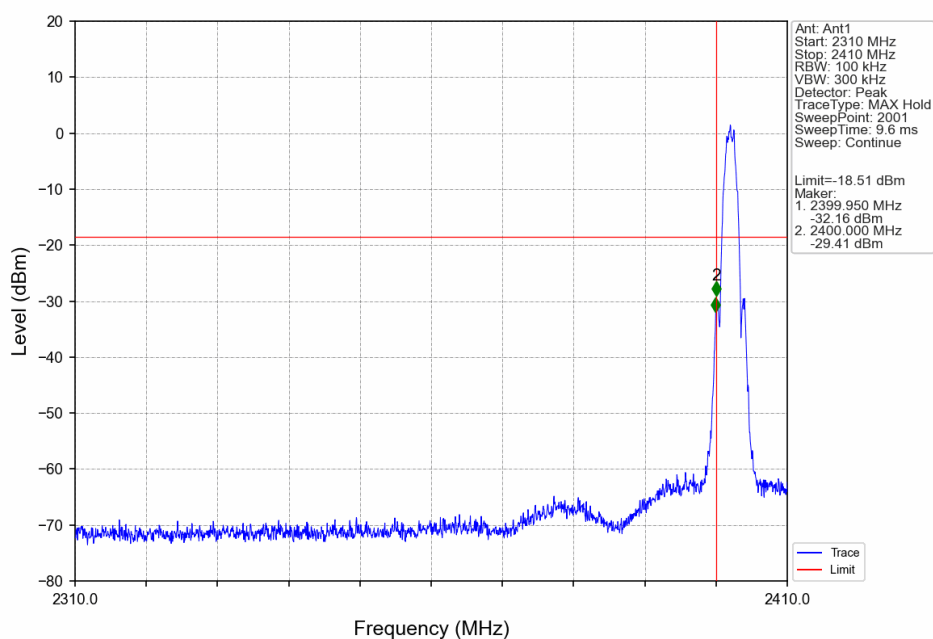
GFSK-1M_HCH_2480MHz_Ant1_NTNV



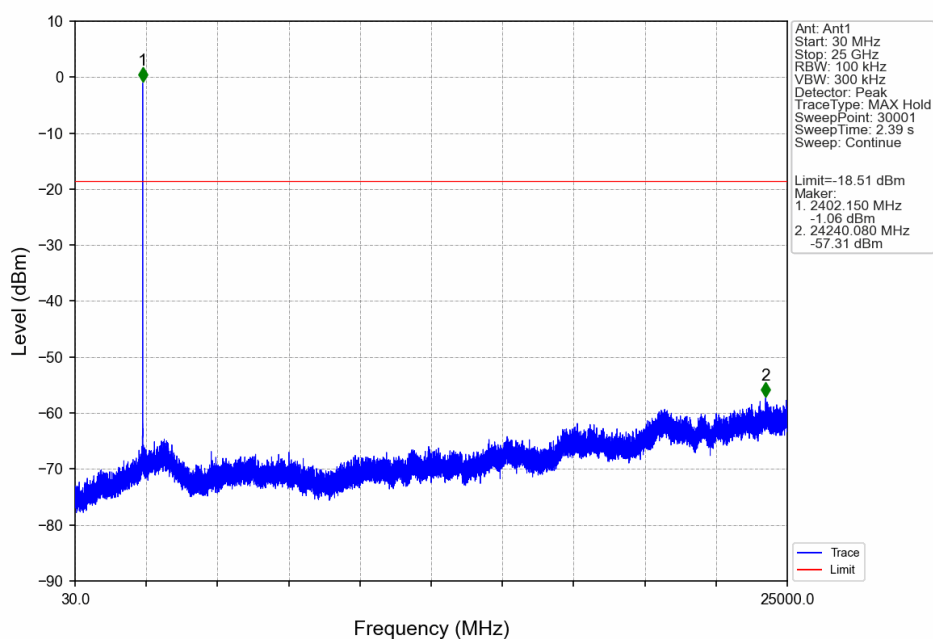
GFSK-1M_HCH_2480MHz_Ant1_NTNV



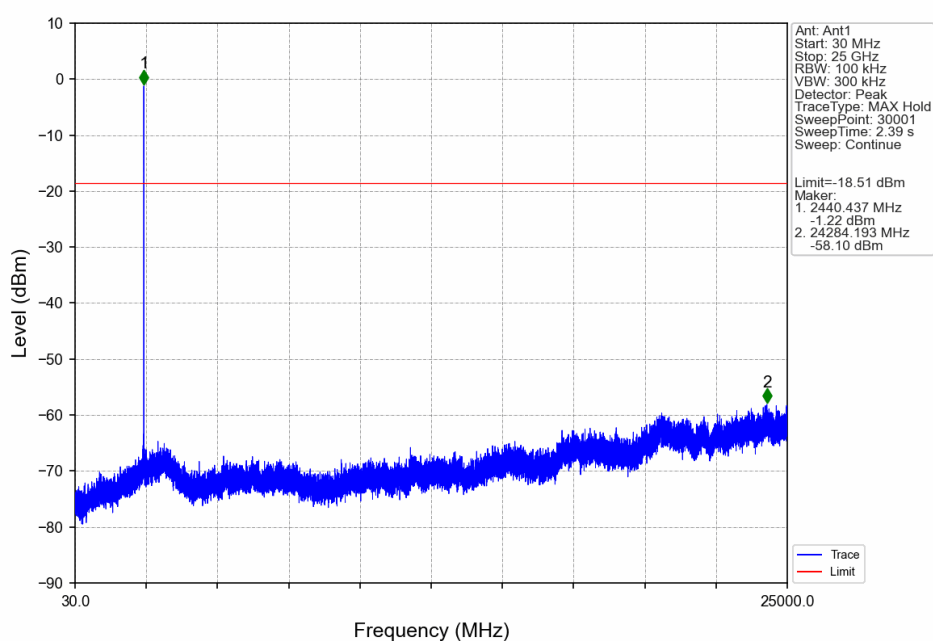
GFSK-2M_LCH_2402MHz_Ant1_NTNV



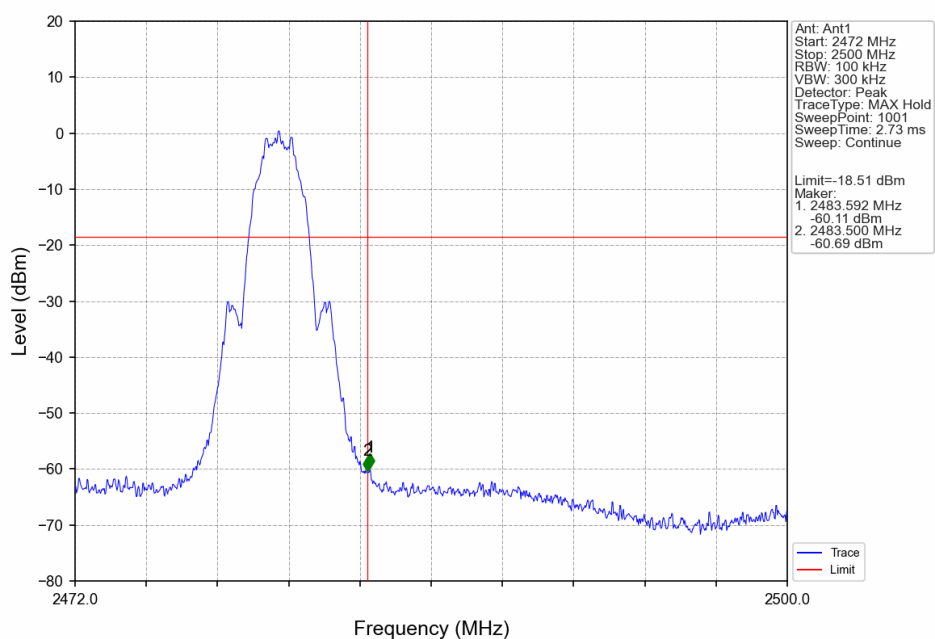
GFSK-2M_LCH_2402MHz_Ant1_NTNV



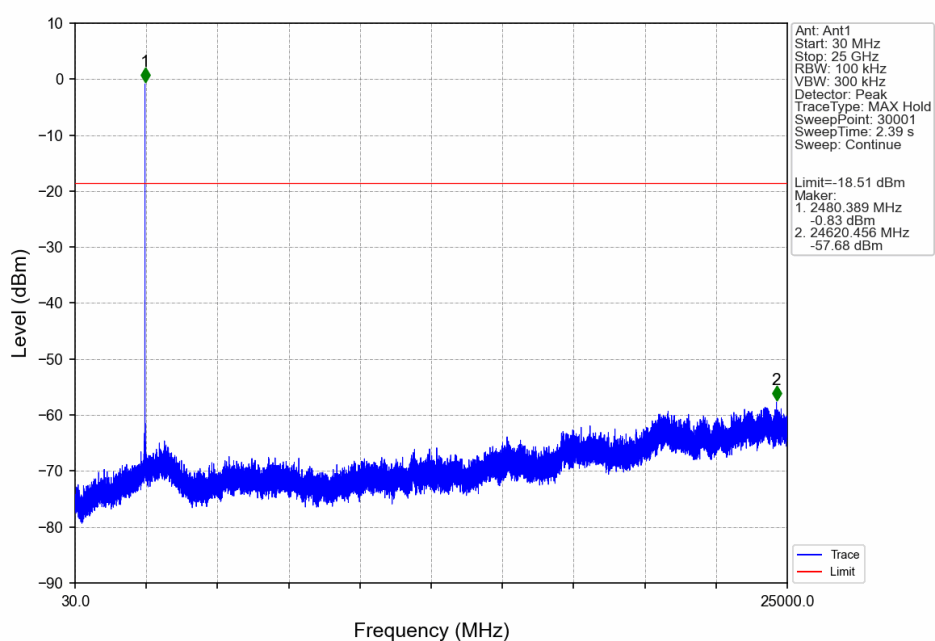
GFSK-2M_MCH_2440MHz_Ant1_NTNV



GFSK-2M_HCH_2480MHz_Ant1_NTNV



GFSK-2M_HCH_2480MHz_Ant1_NTNV



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