

Appendix for 15.247

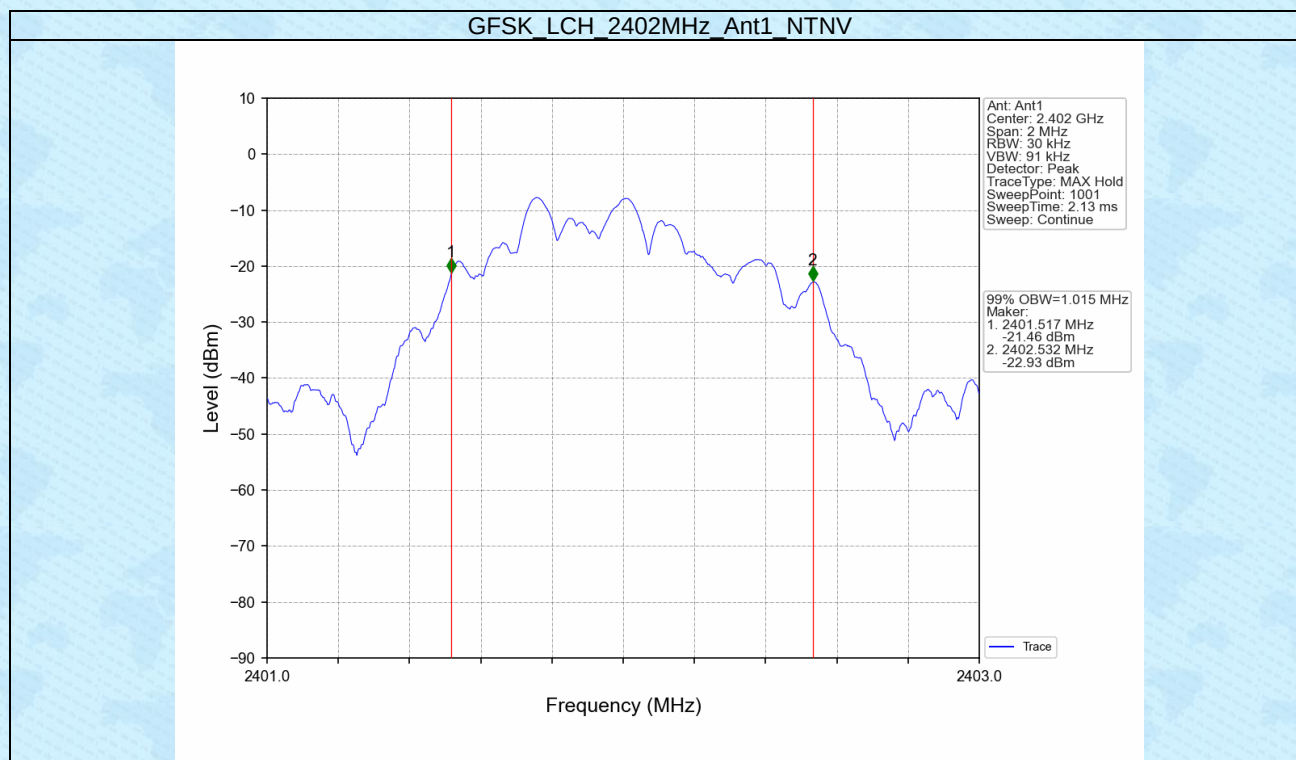
1. Bandwidth

1.1 OBW

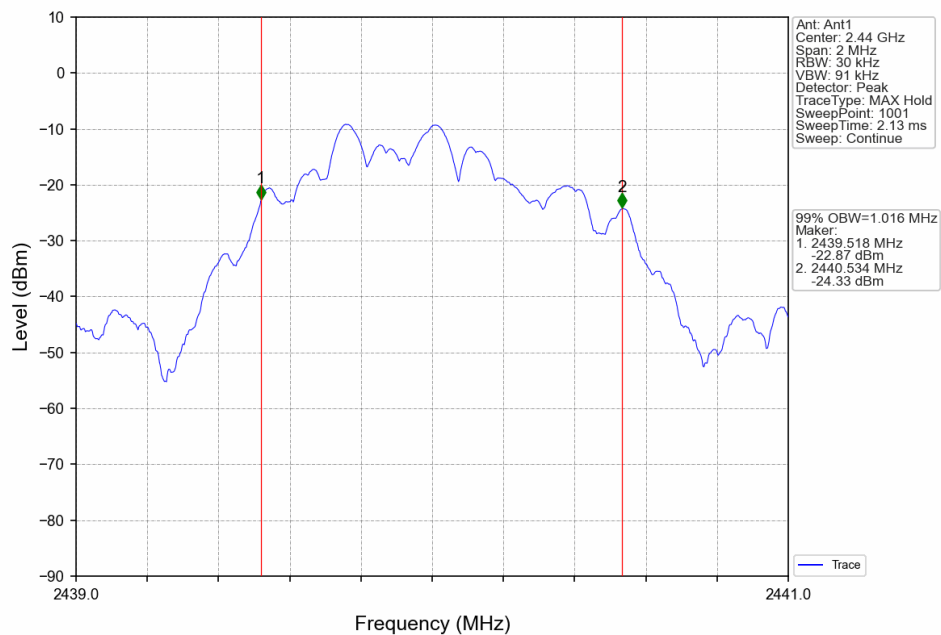
1.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
GFSK	SISO	2402	1	1.015	Pass
		2440	1	1.016	Pass
		2480	1	1.016	Pass

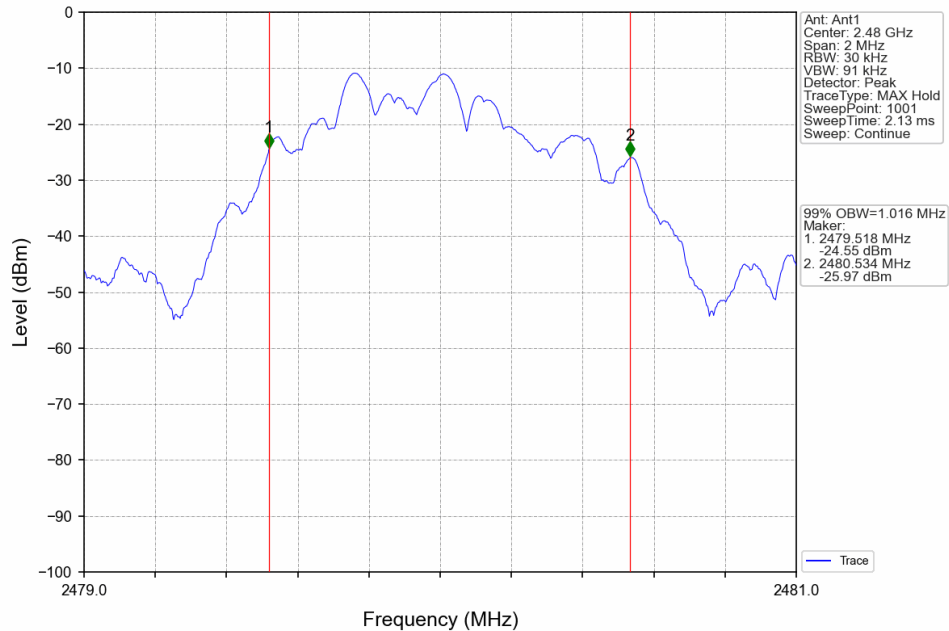
1.1.2 Test Graph



GFSK MCH 2440MHz Ant1 NTN



GFSK HCH 2480MHz Ant1 NTN

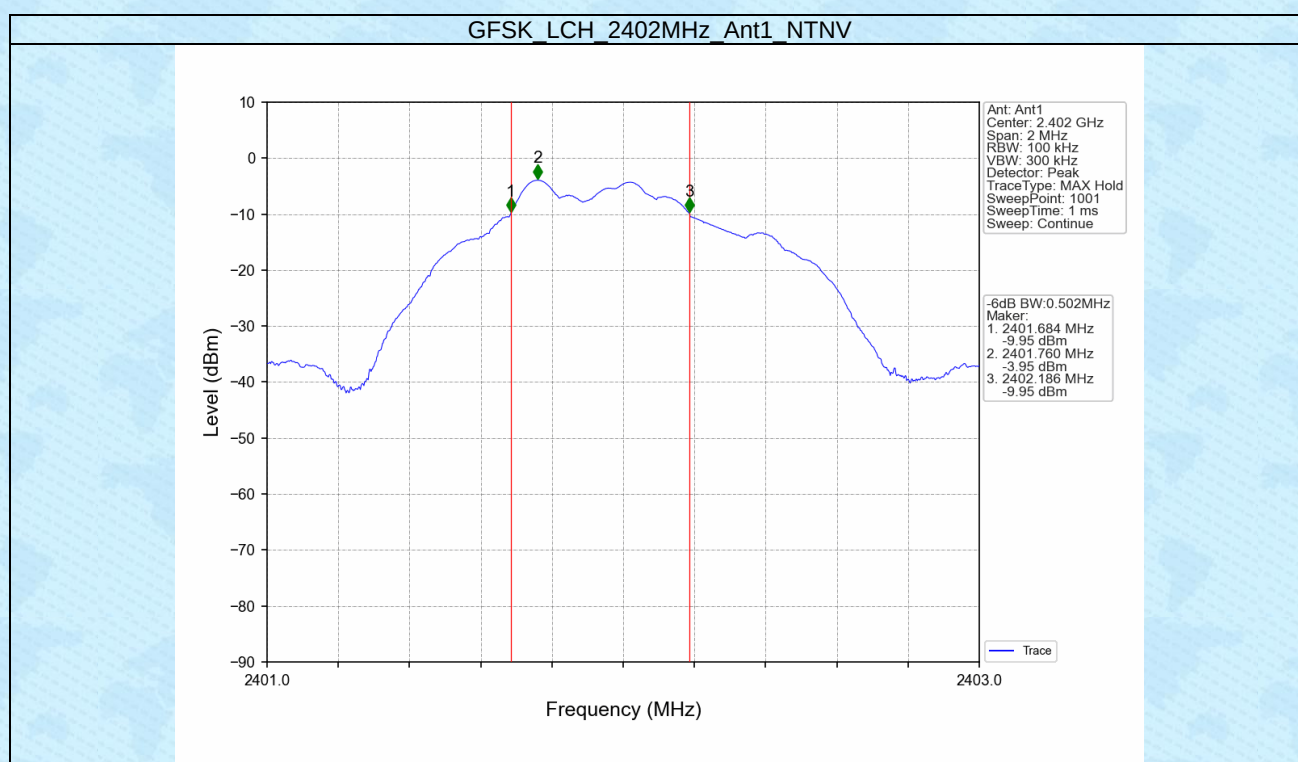


1.2 6dB BW

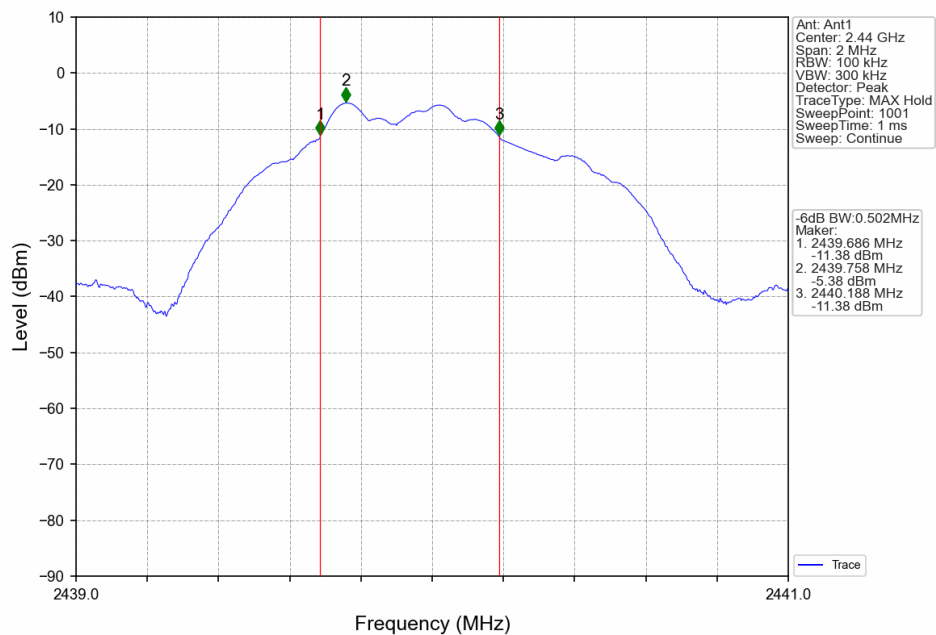
1.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
GFSK	SISO	2402	1	0.502	≥ 0.5	Pass
		2440	1	0.502	≥ 0.5	Pass
		2480	1	0.502	≥ 0.5	Pass

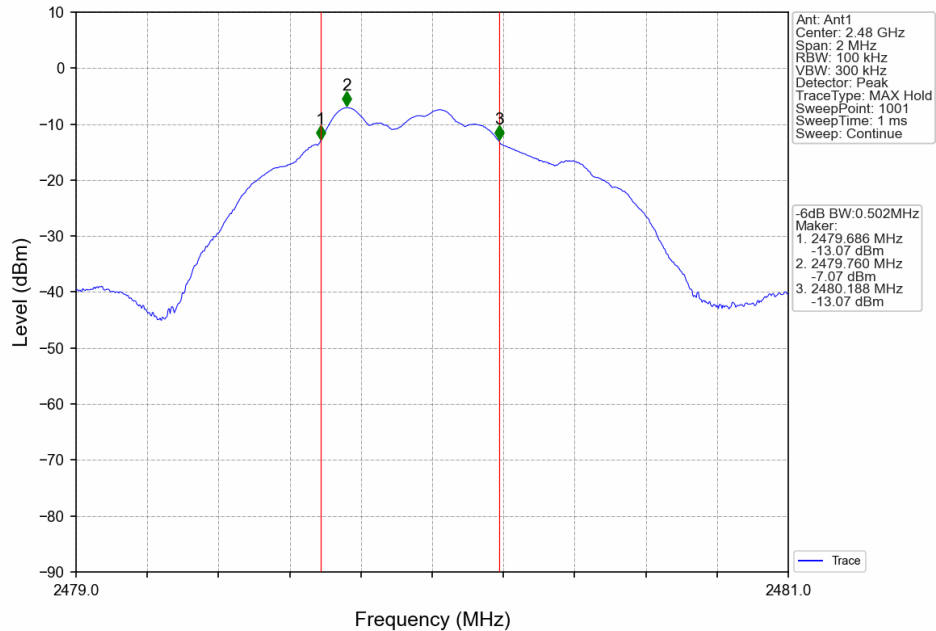
1.2.2 Test Graph



GFSK MCH 2440MHz Ant1 NTN



GFSK HCH 2480MHz Ant1 NTN



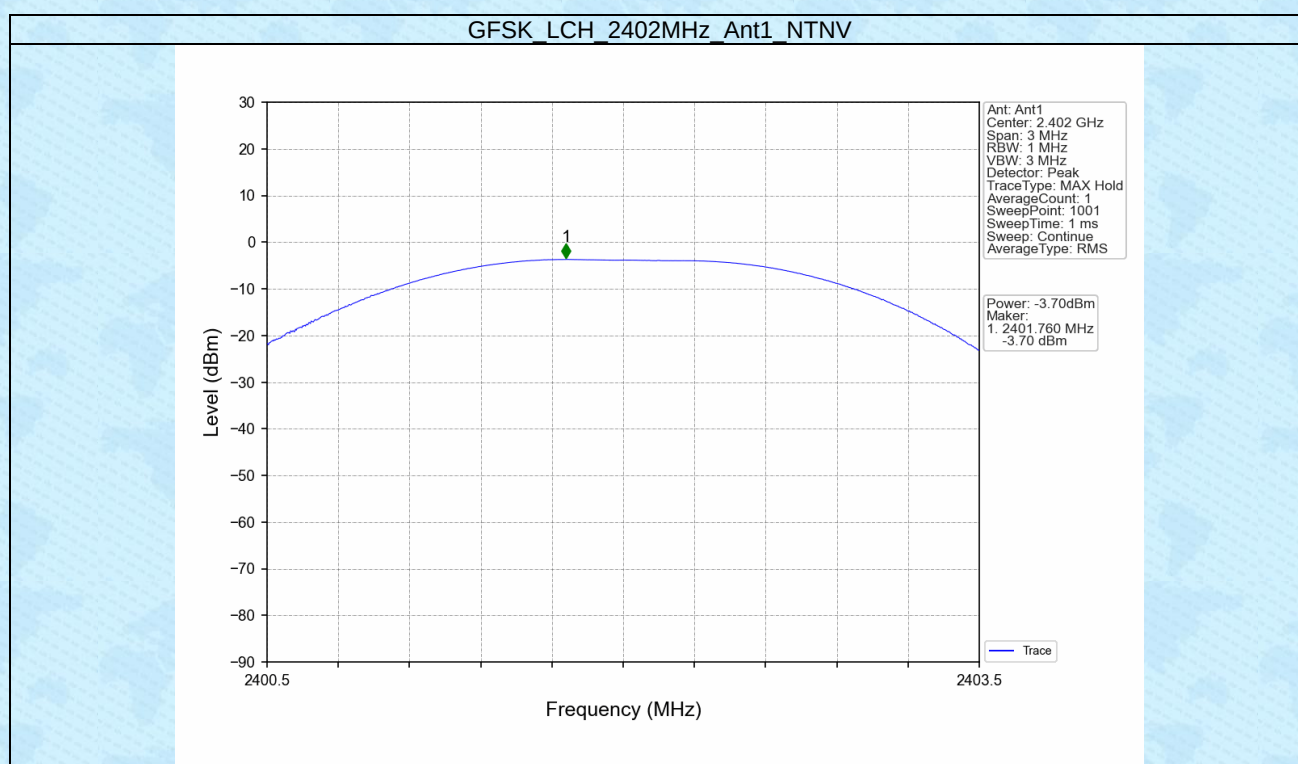
2. Maximum Conducted Output Power

2.1 Test Result

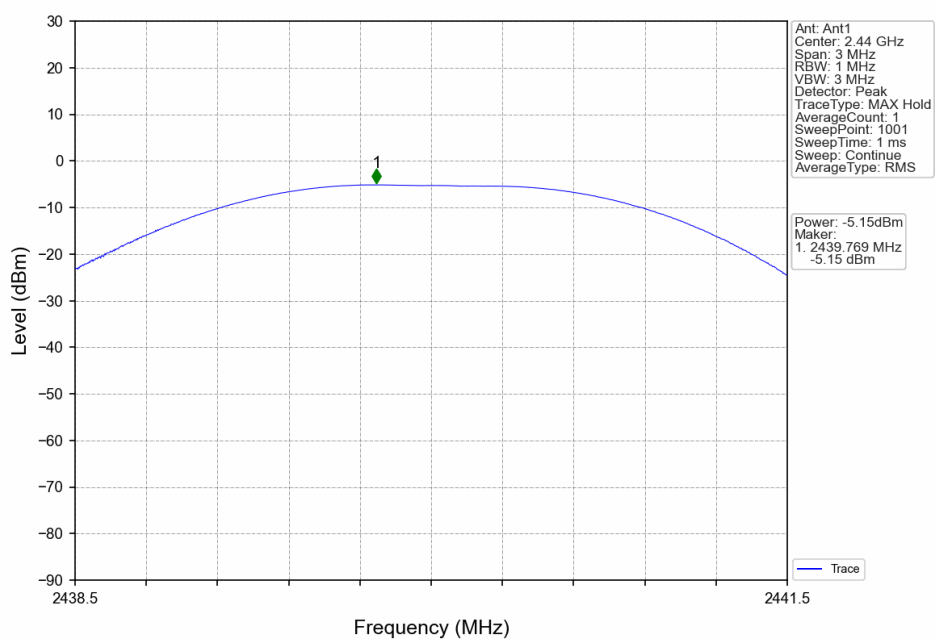
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
GFSK	SISO	2402	-3.70	<=30	Pass
		2440	-5.15	<=30	Pass
		2480	-6.81	<=30	Pass

Note1: Antenna Gain: Ant1: -0.58dBi;

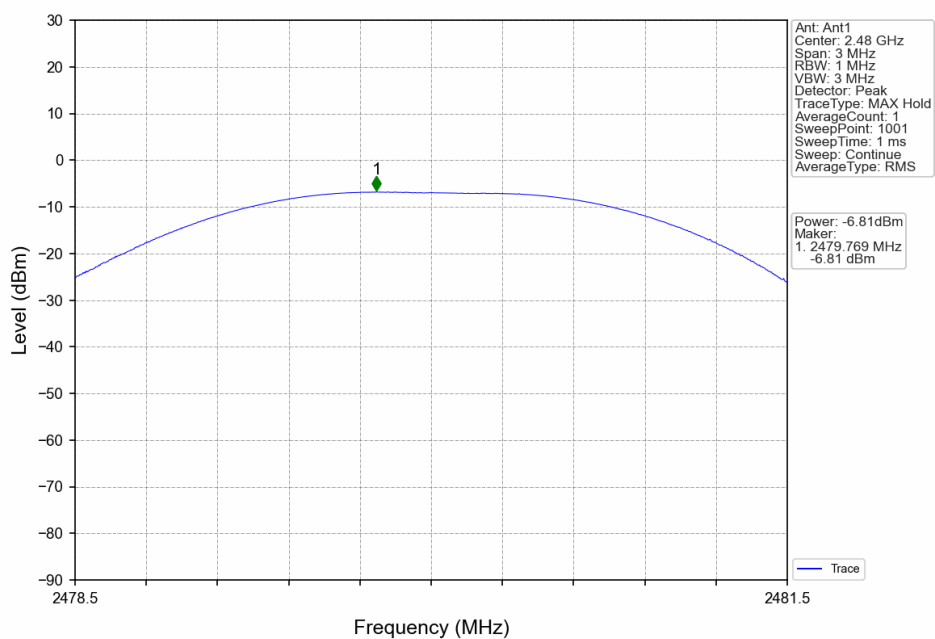
2.2 Test Graph



GFSK MCH 2440MHz Ant1 NTN



GFSK HCH 2480MHz Ant1 NTN



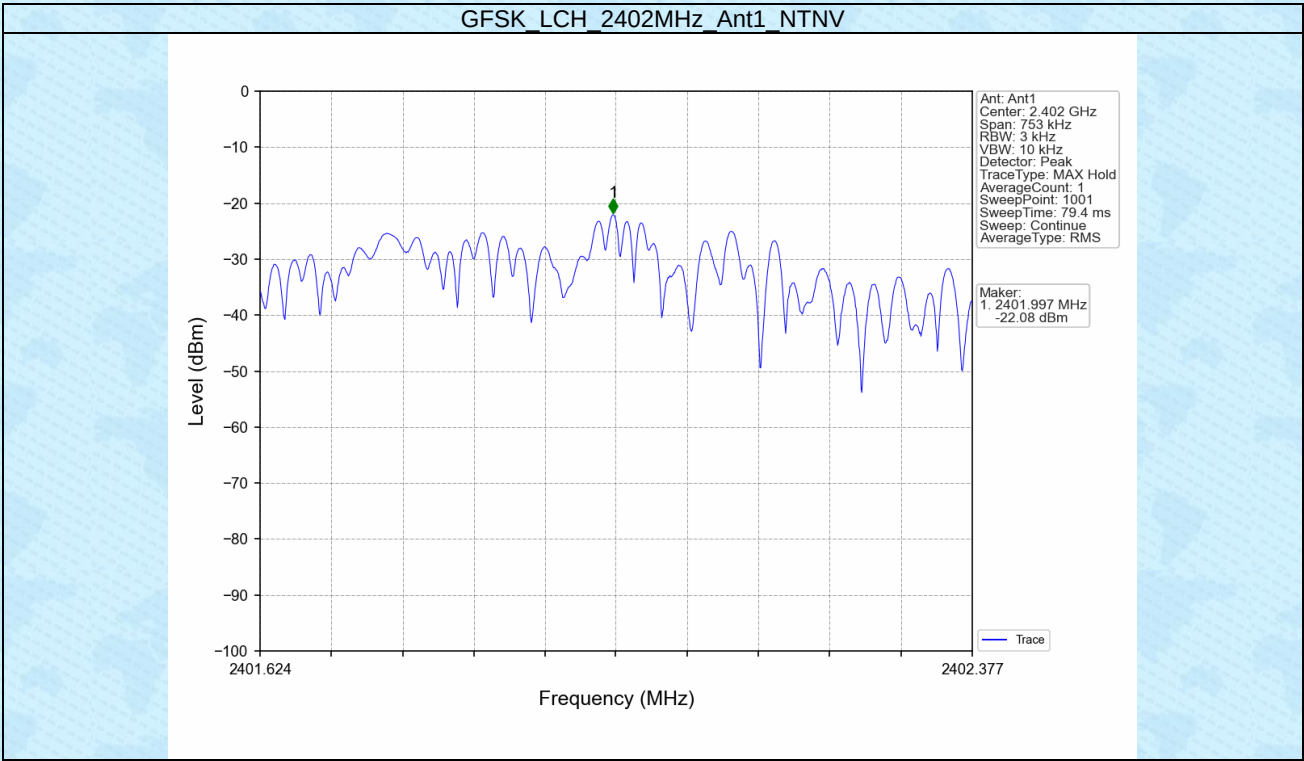
3. Maximum Power Spectral Density

3.1 Test Result

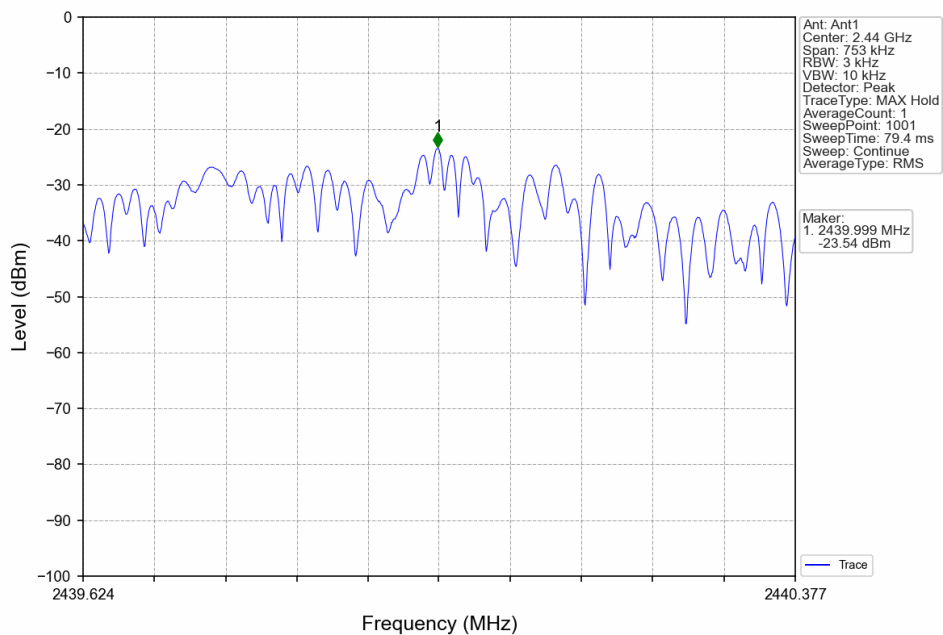
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
GFSK	SISO	2402	-22.08	<=8	Pass
		2440	-23.54	<=8	Pass
		2480	-25.29	<=8	Pass

Note1: Antenna Gain: Ant1: -0.58dBi;

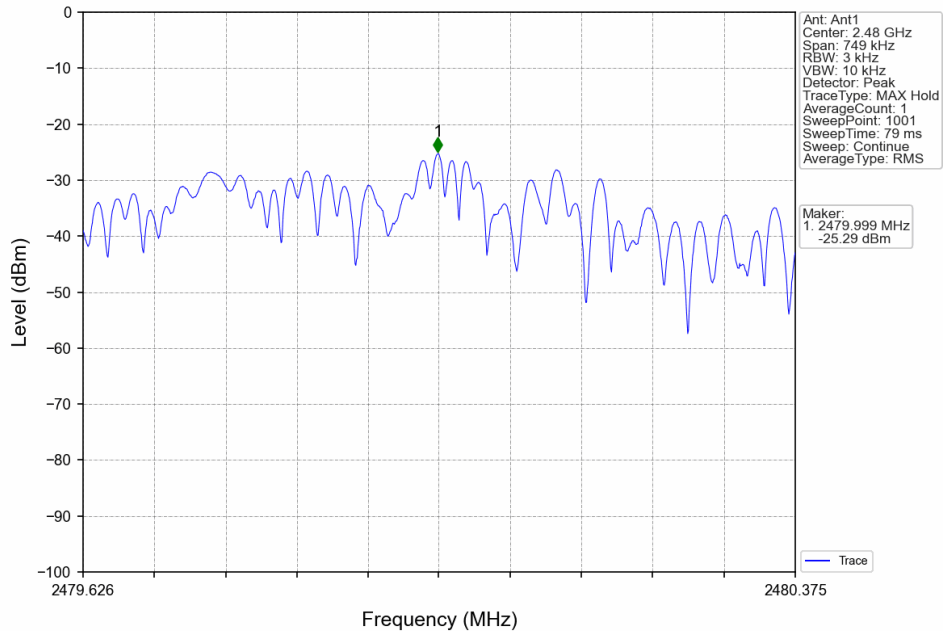
3.2 Test Graph



GFSK MCH 2440MHz Ant1 NTN



GFSK HCH 2480MHz Ant1 NTN



4. Unwanted Emissions In Non-restricted Frequency Bands

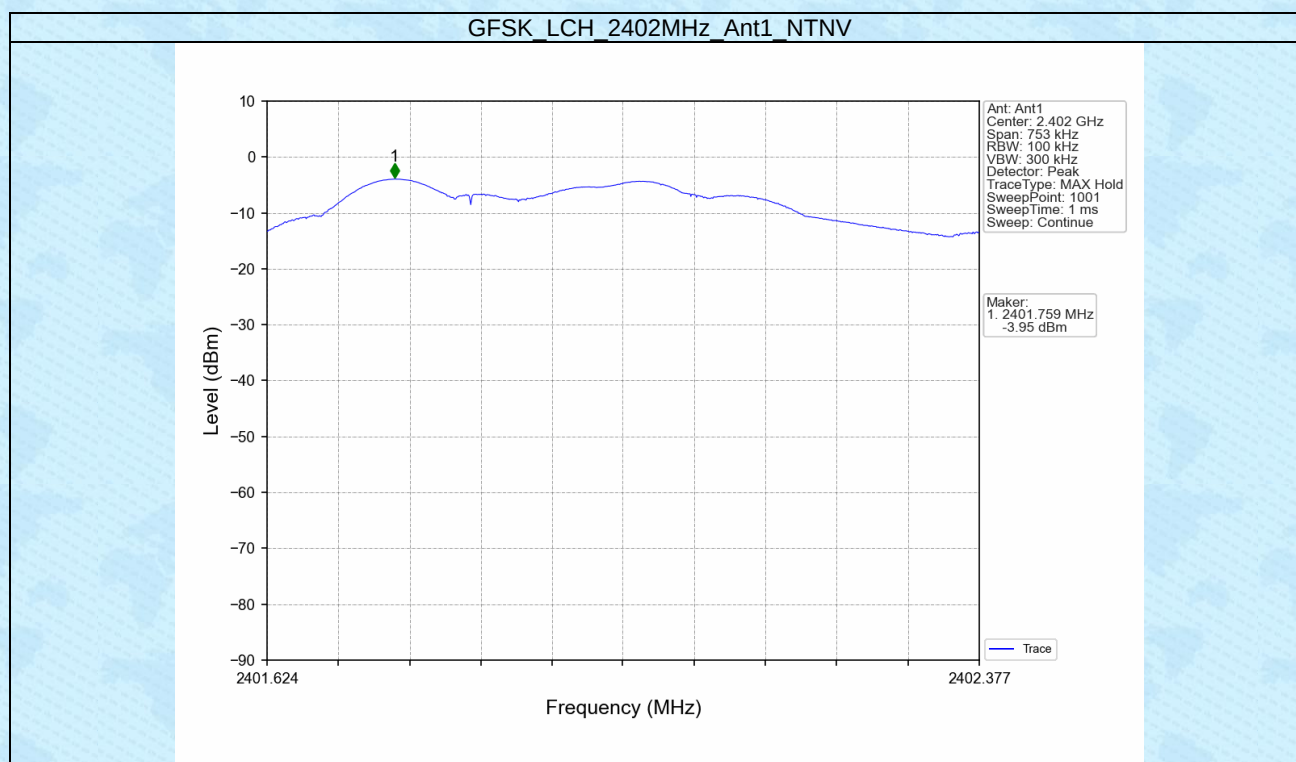
4.1 Ref

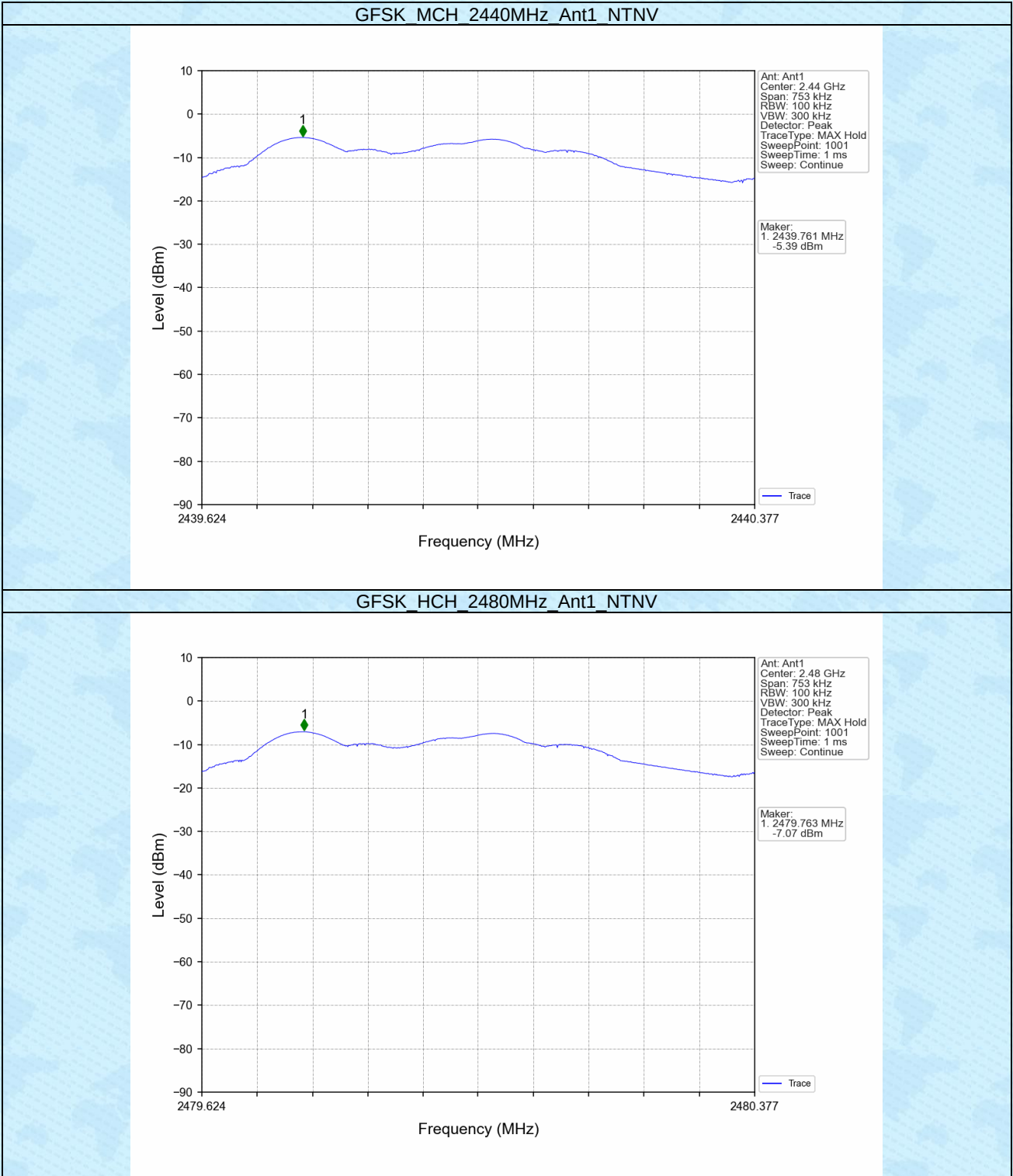
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
GFSK	SISO	2402	1	-3.95
		2440	1	-5.39
		2480	1	-7.07

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

4.1.2 Test Graph





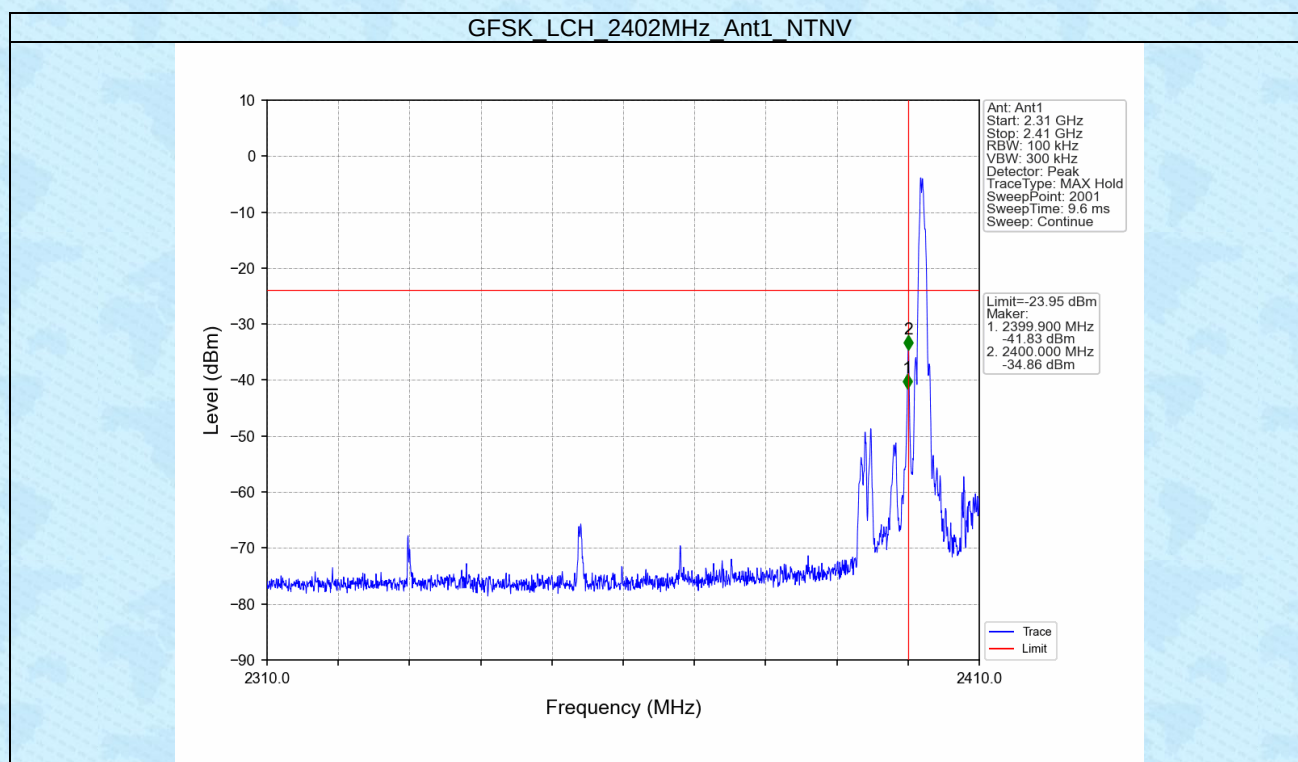
4.2 CSE

4.2.1 Test Result

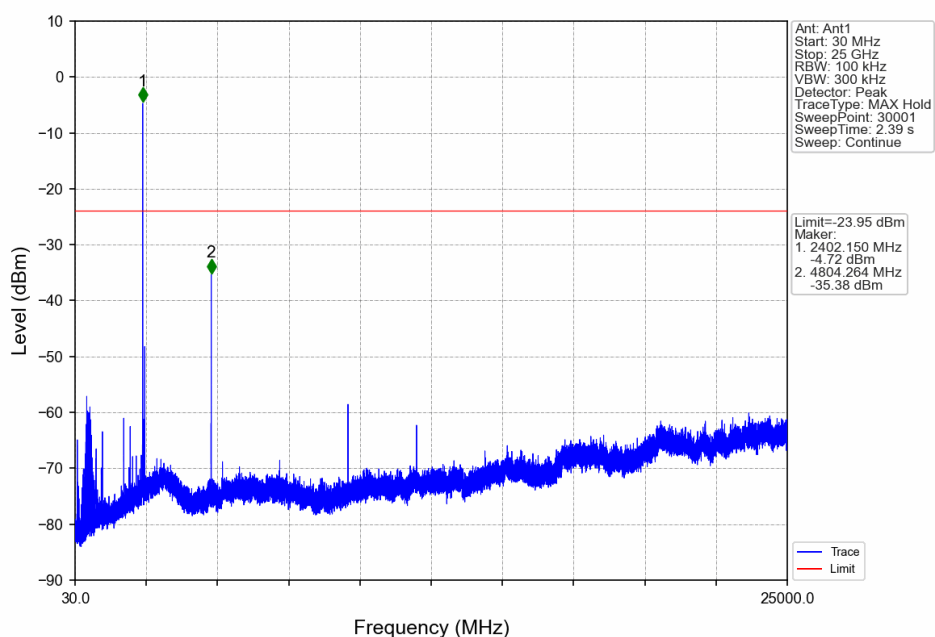
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	1	-3.95	-23.95	Pass
		2440	1	-3.95	-23.95	Pass
		2480	1	-3.95	-23.95	Pass

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

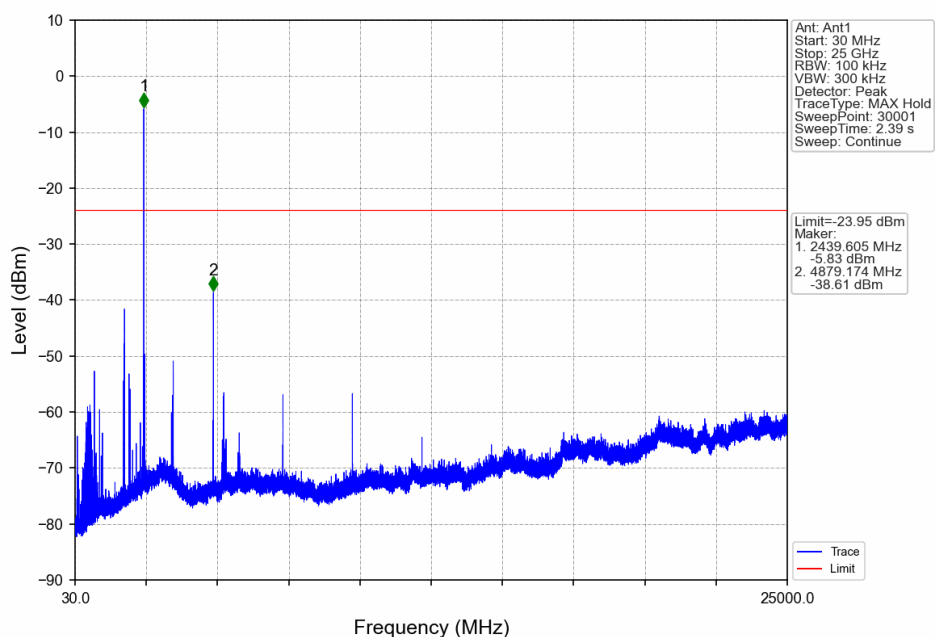
4.2.2 Test Graph



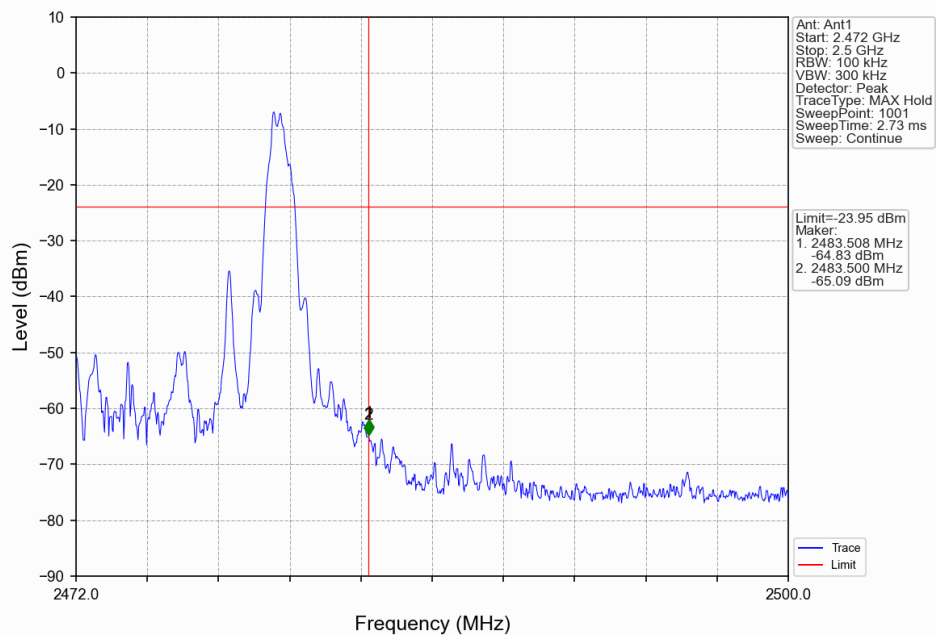
GFSK LCH 2402MHz Ant1 NTN



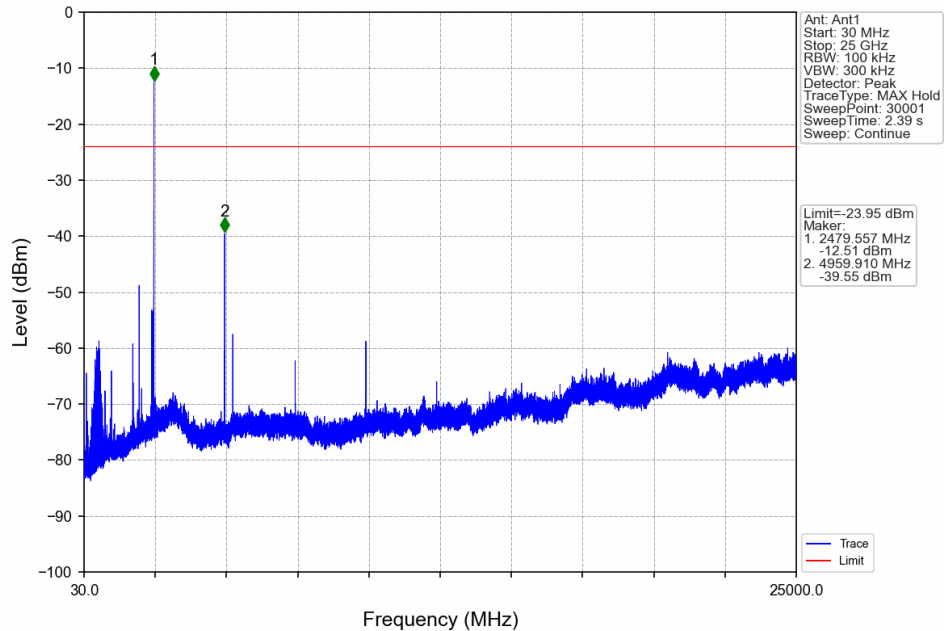
GFSK MCH 2440MHz Ant1 NTN



GFSK HCH 2480MHz Ant1 NTN



GFSK HCH 2480MHz Ant1 NTN



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