

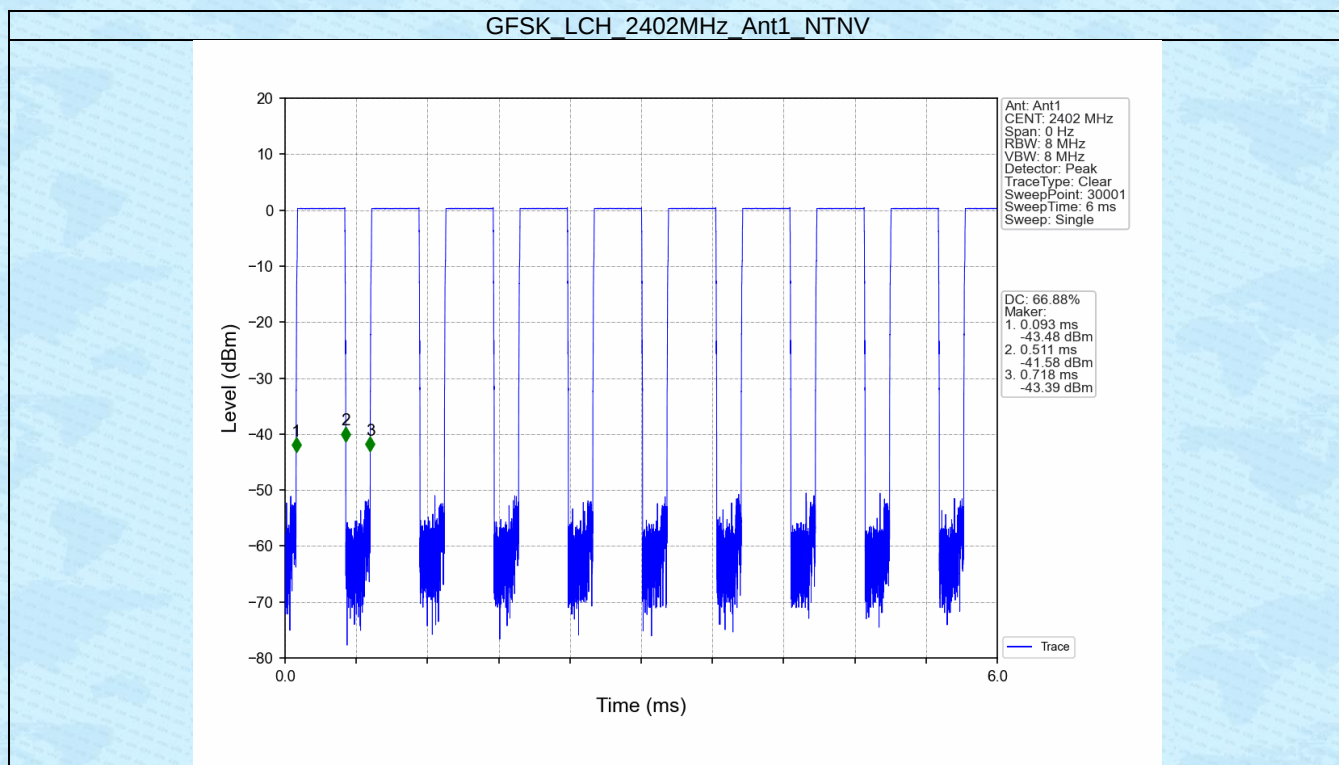
1. Duty Cycle

1.1 Ant1

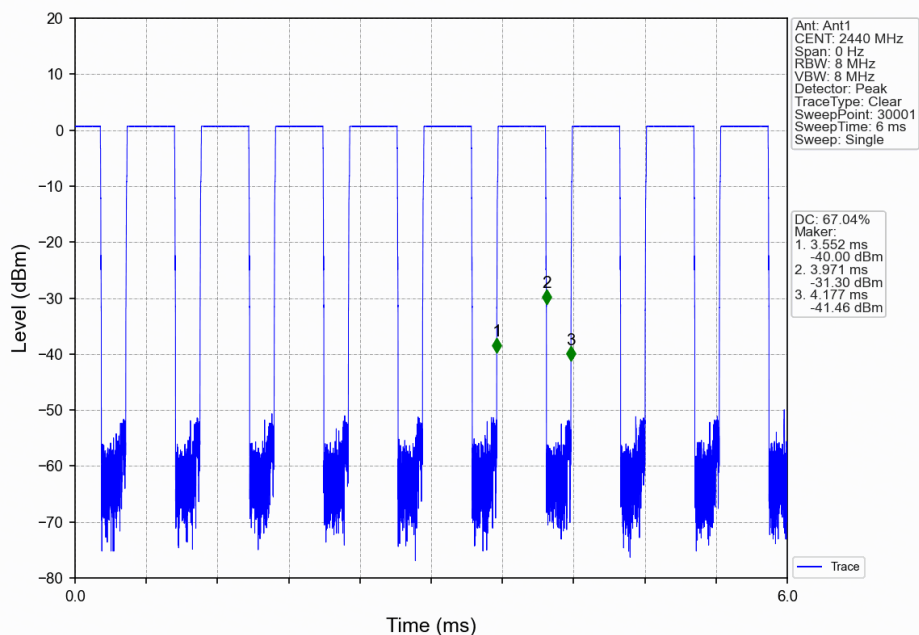
1.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
GFSK	SISO	2402	0.418	0.625	66.88	1.75	0.00
		2440	0.419	0.625	67.04	1.74	0.02
		2480	0.418	0.625	66.88	1.75	0.00

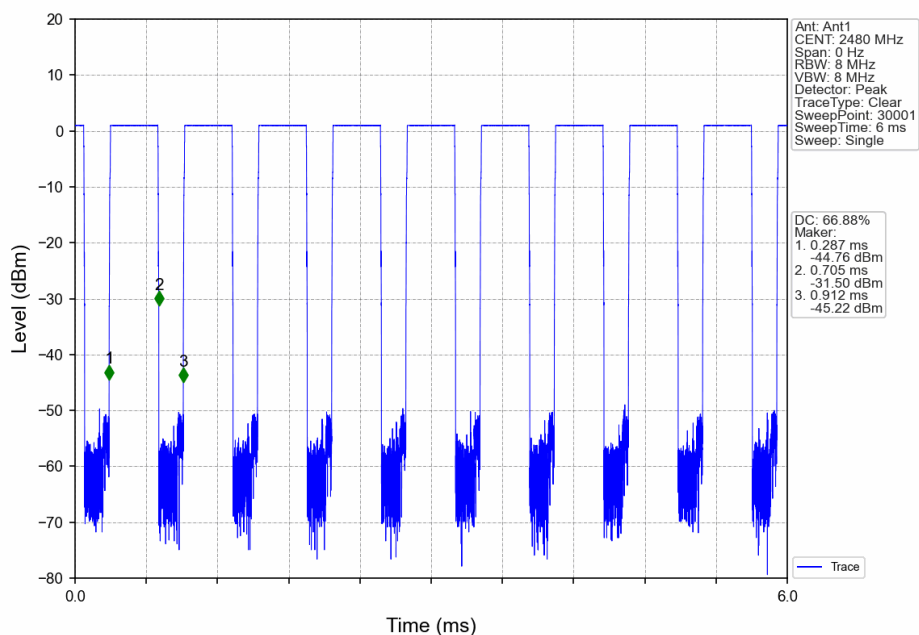
1.1.2 Test Graph



GFSK_MCH_2440MHz_Ant1_NTNV



GFSK_HCH_2480MHz_Ant1_NTNV



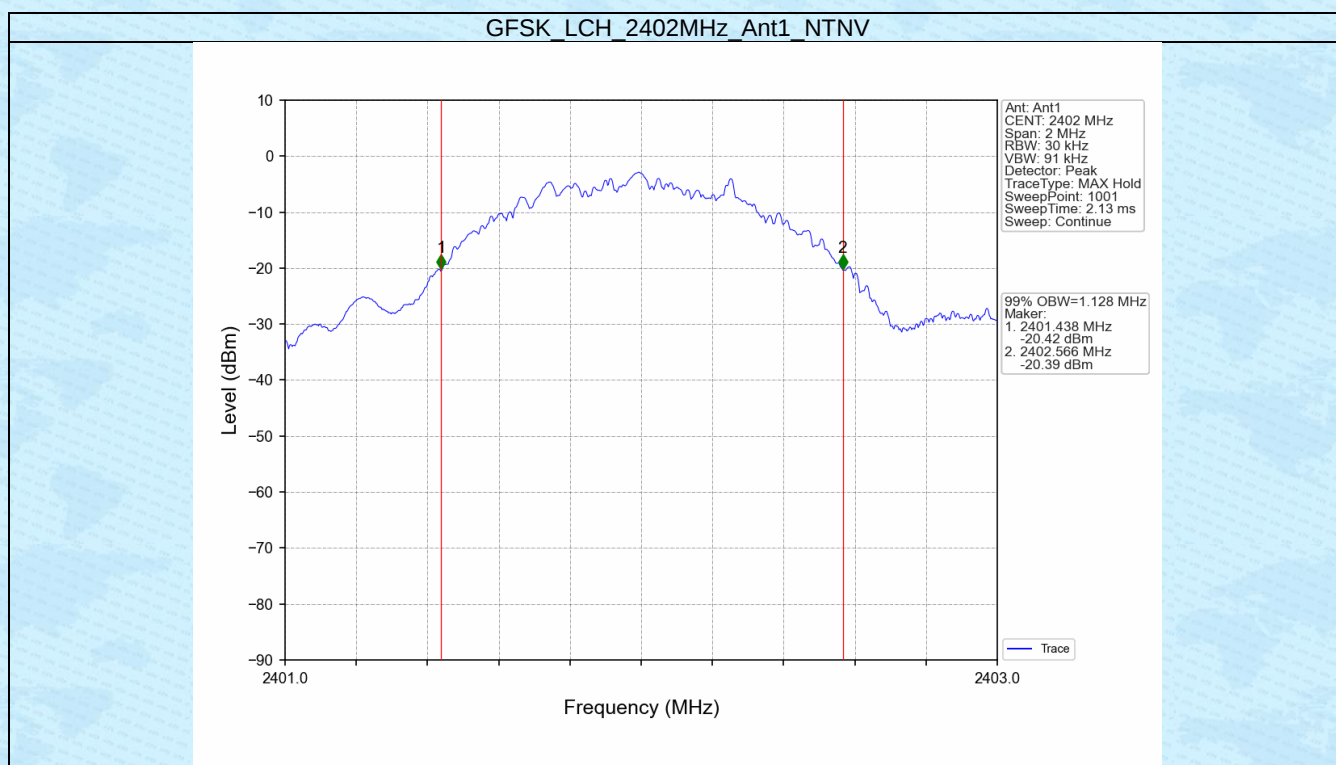
2. Bandwidth

2.1 OBW

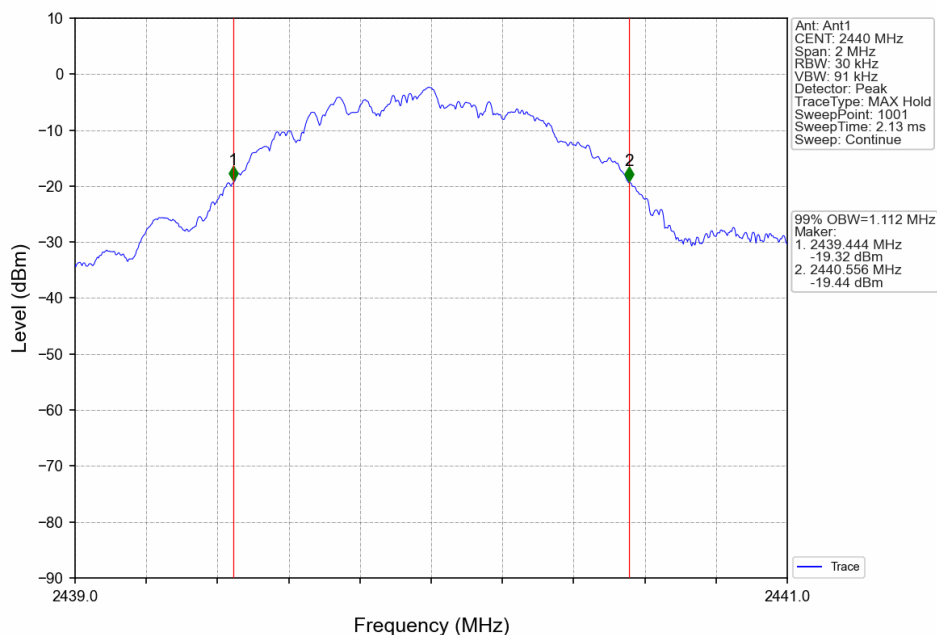
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
GFSK	SISO	2402	1	1.128	Pass
		2440	1	1.112	Pass
		2480	1	1.103	Pass

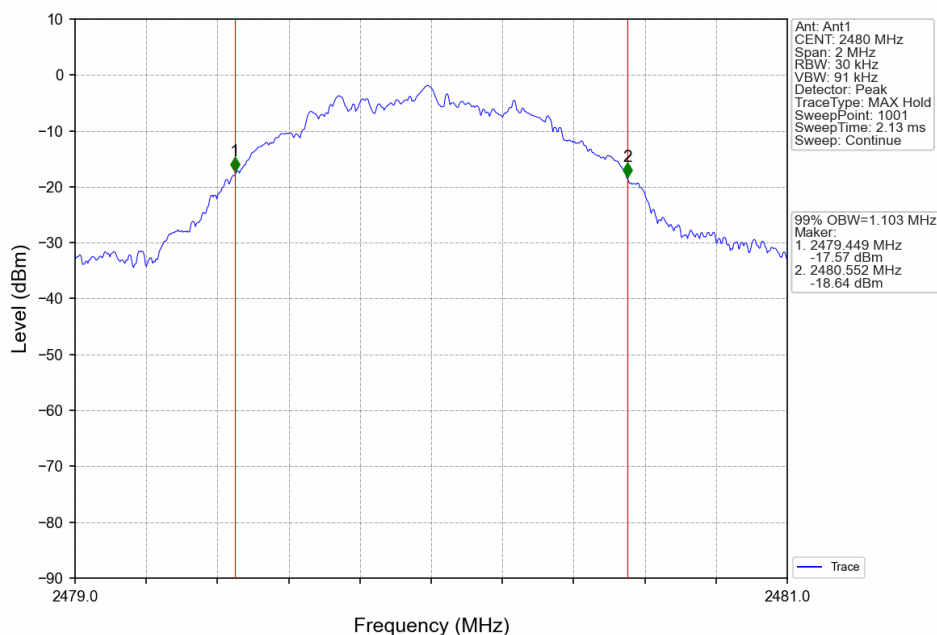
2.1.2 Test Graph



GFSK_MCH_2440MHz_Ant1_NTNV



GFSK_HCH_2480MHz_Ant1_NTNV

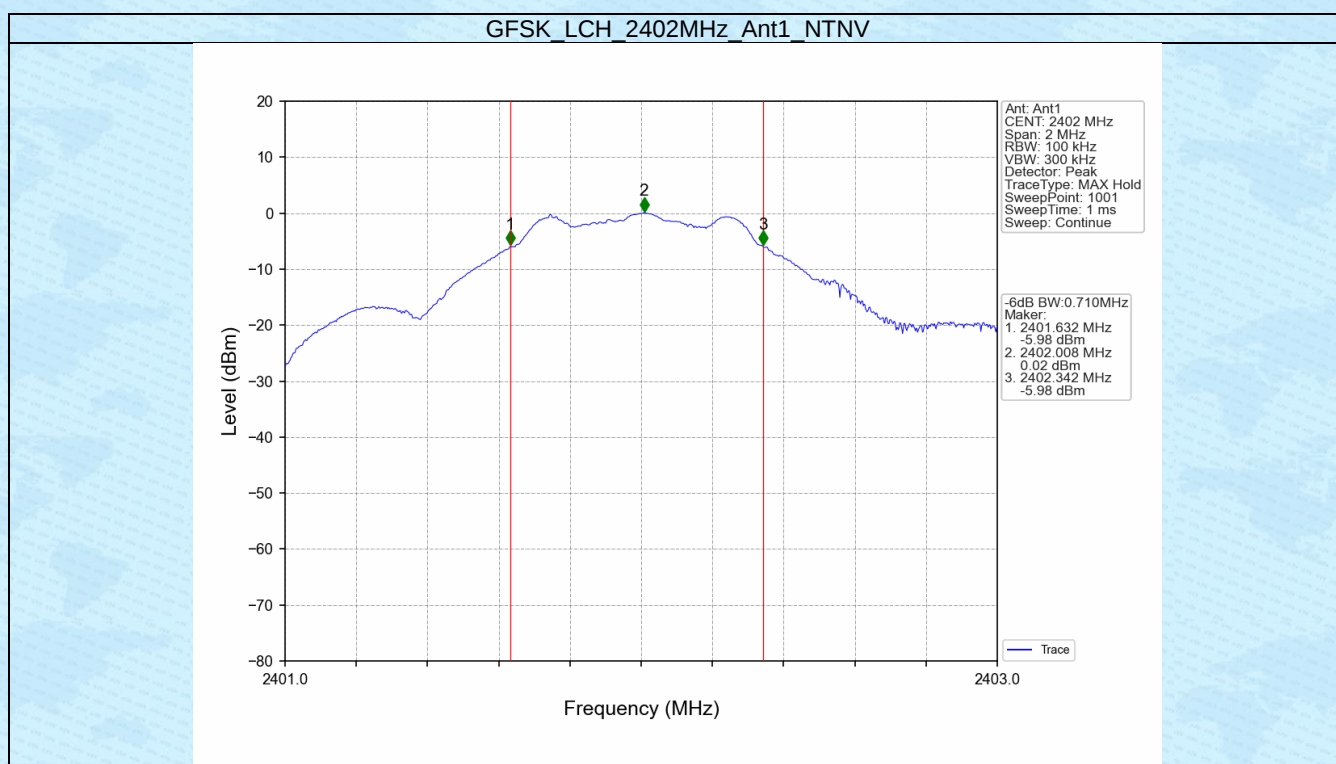


2.2 6dB BW

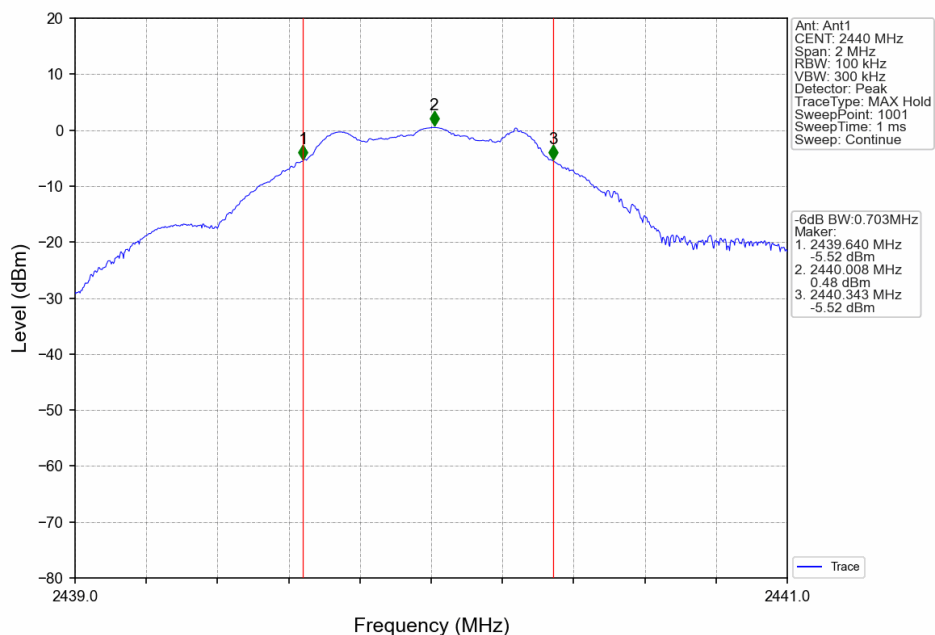
2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
GFSK	SISO	2402	1	0.710	≥ 0.5	Pass
		2440	1	0.703	≥ 0.5	Pass
		2480	1	0.716	≥ 0.5	Pass

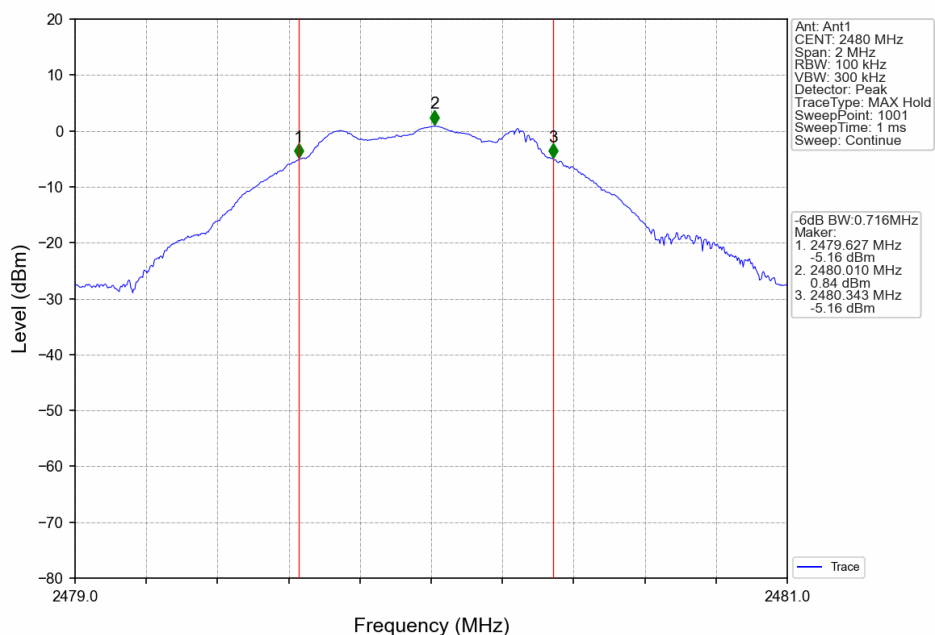
2.2.2 Test Graph



GFSK_MCH_2440MHz_Ant1_NTNV



GFSK_HCH_2480MHz_Ant1_NTNV



3. Maximum Conducted Output Power

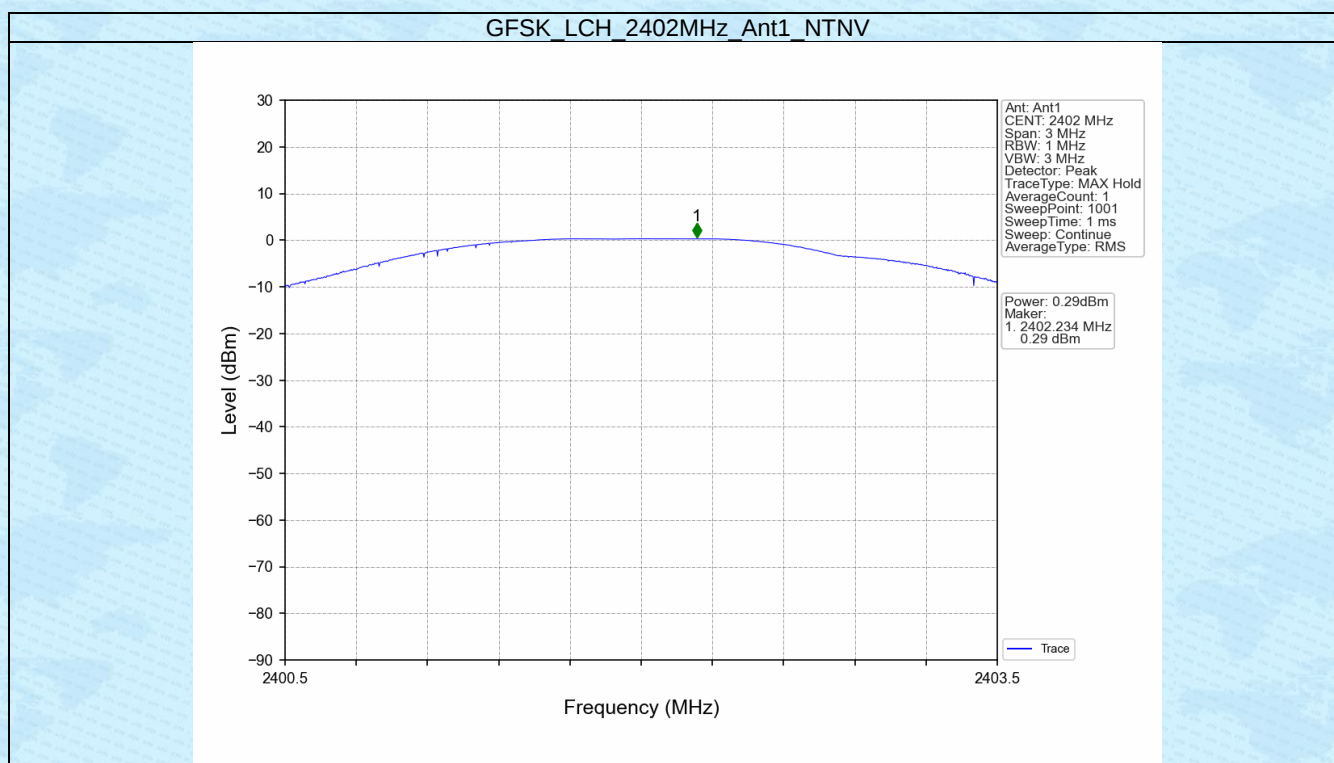
3.1 Power

3.1.1 Test Result

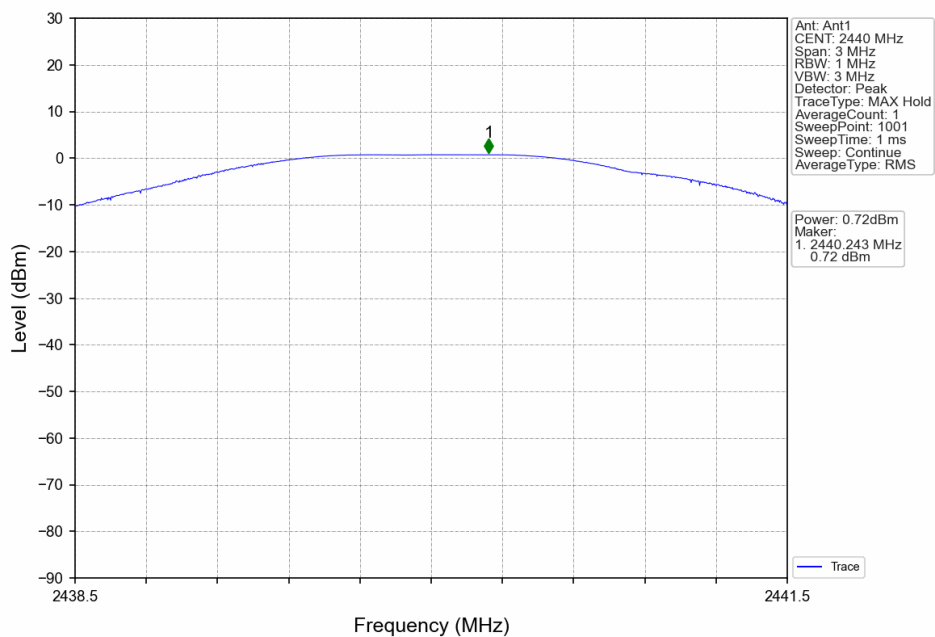
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
GFSK	SISO	2402	0.29	<=30	Pass
		2440	0.72	<=30	Pass
		2480	1.03	<=30	Pass

Note1: Antenna Gain: Ant1: 1.50dBi;

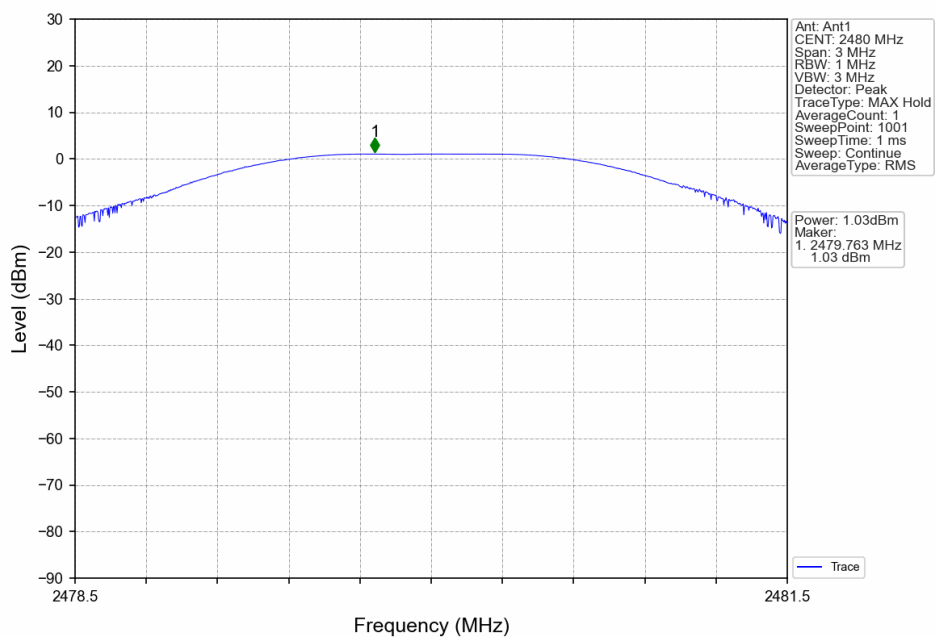
3.1.2 Test Graph



GFSK_MCH_2440MHz_Ant1_NTNV



GFSK_HCH_2480MHz_Ant1_NTNV



3.2 EIRP

3.2.1 Test Result

Mode	TX Type	Frequency (MHz)	E.I.R.P (dBm)		Verdict
			ANT1	Limit	
GFSK	SISO	2402	1.79	<=36	Pass
		2440	2.22	<=36	Pass
		2480	2.53	<=36	Pass
Note1: Antenna Gain: Ant1: 1.50dBi; Note2: E.I.R.P = Measured Power + Antenna Gain					

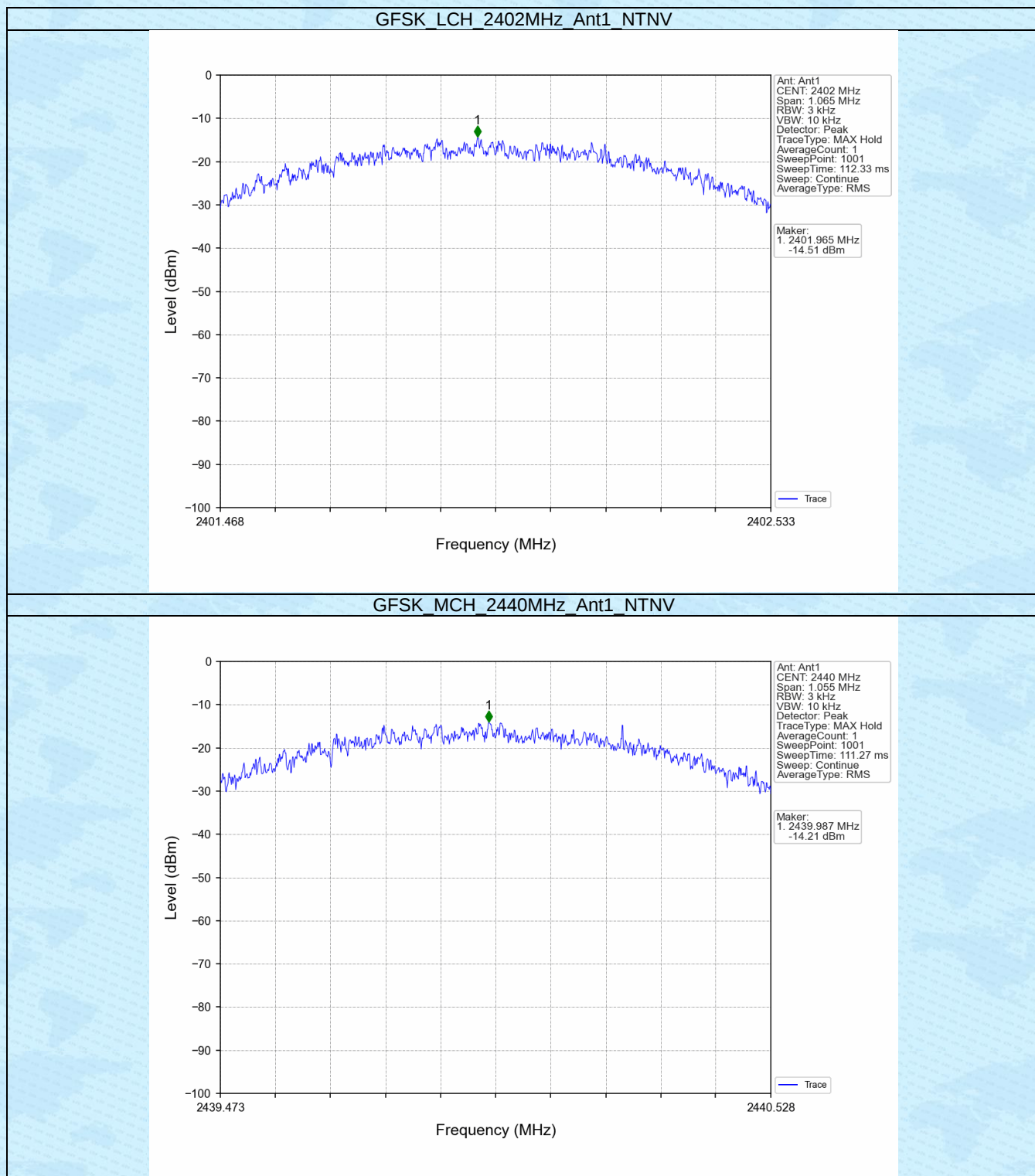
4. Maximum Power Spectral Density

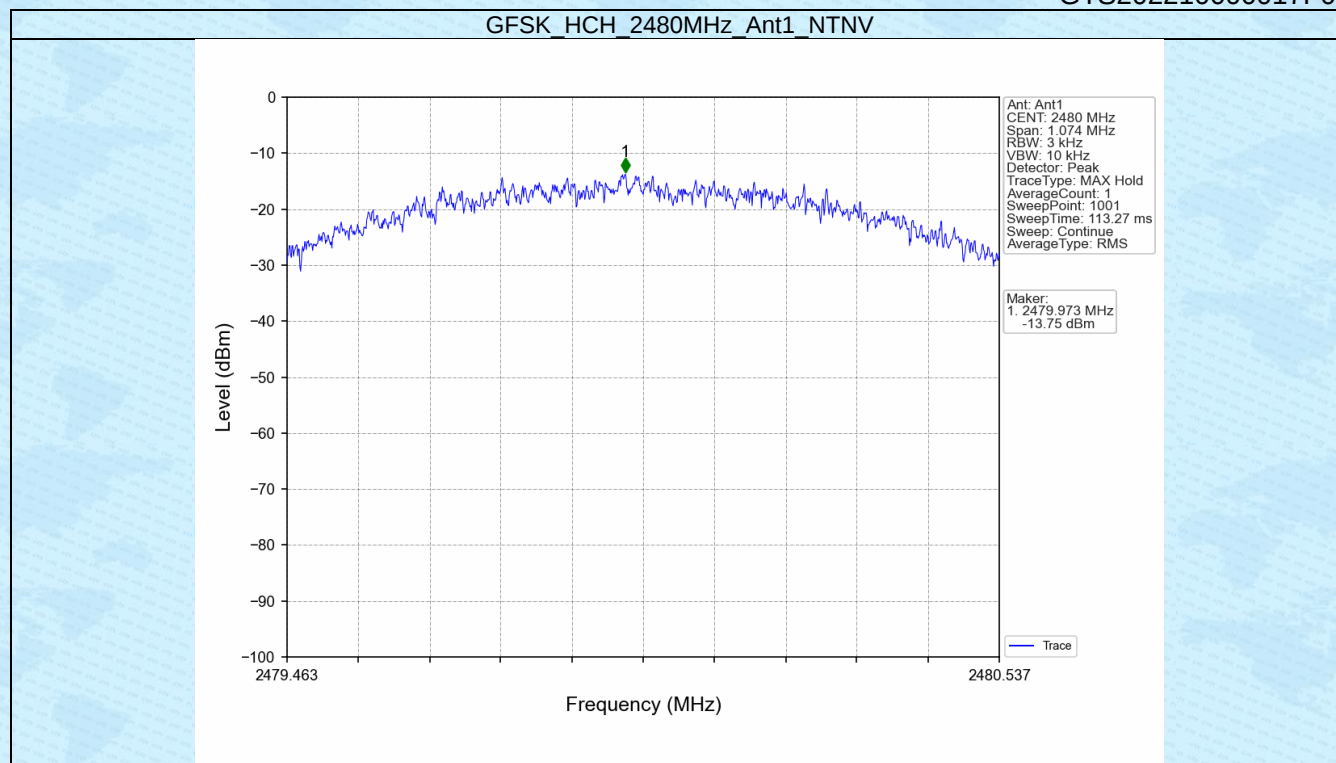
4.1 PSD

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
GFSK	SISO	2402	-14.51	<=8	Pass
		2440	-14.21	<=8	Pass
		2480	-13.75	<=8	Pass
Note1: Antenna Gain: Ant1: 1.50dBi;					

4.1.2 Test Graph





5. Unwanted Emissions In Non-restricted Frequency Bands

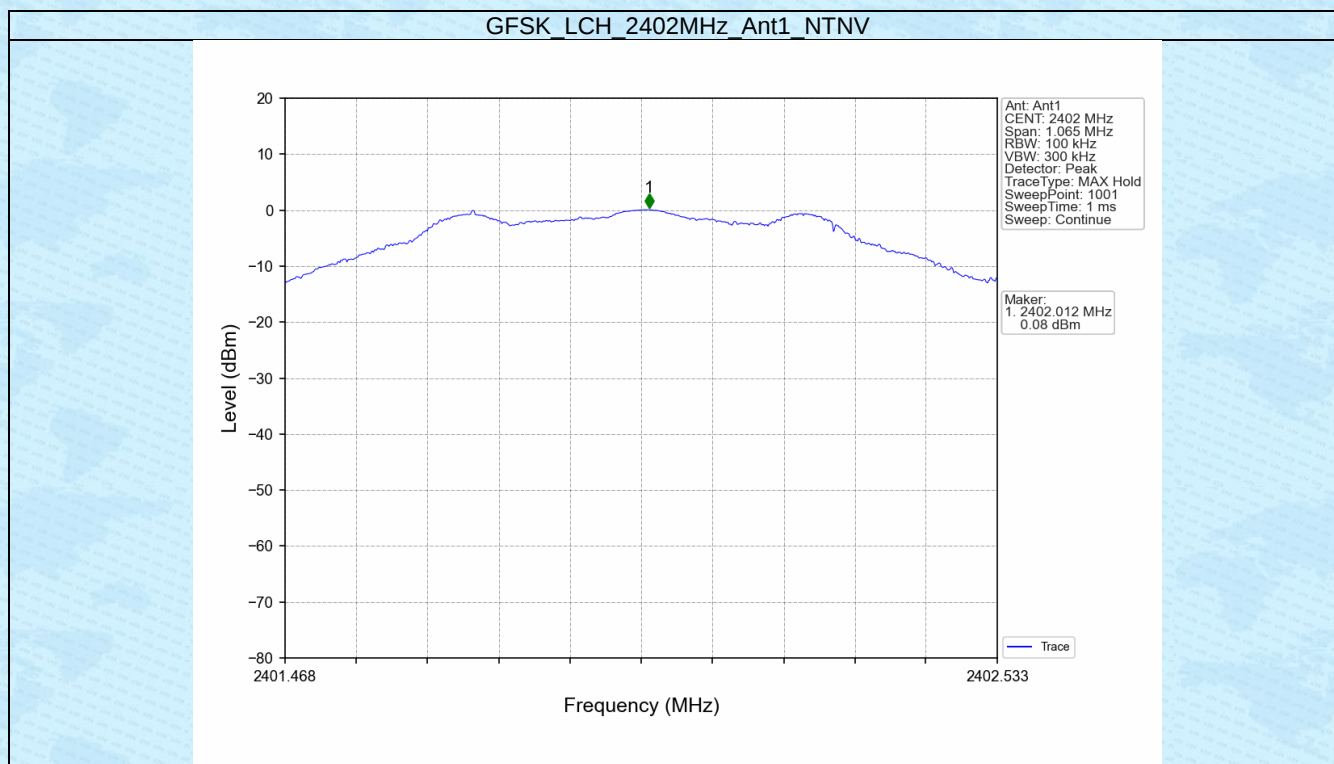
5.1 Ref

5.1.1 Test Result

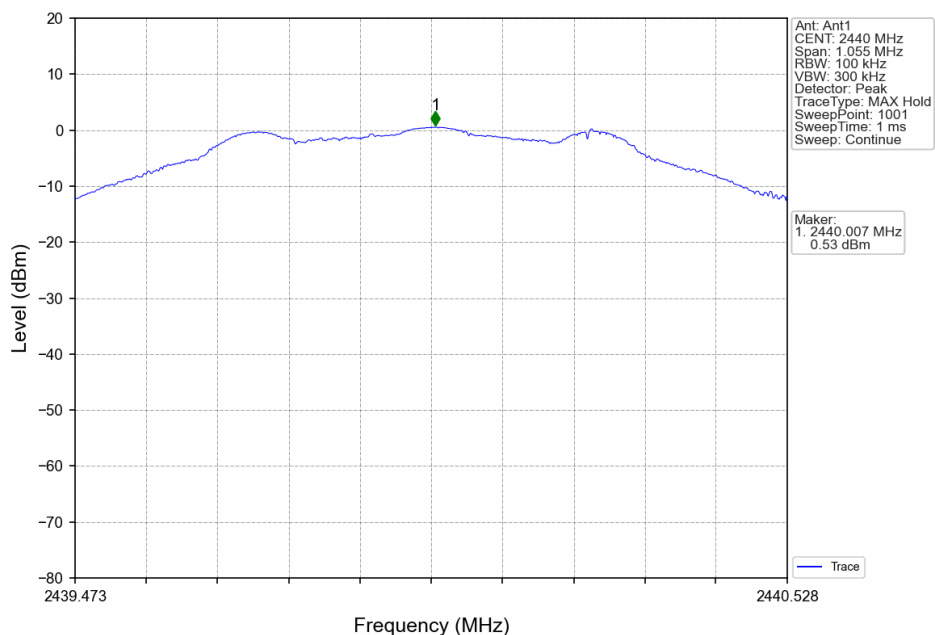
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
GFSK	SISO	2402	1	0.08
		2440	1	0.53
		2480	1	0.88

Note1: Refer to RSS-247 Issue 2 section 5.5 and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

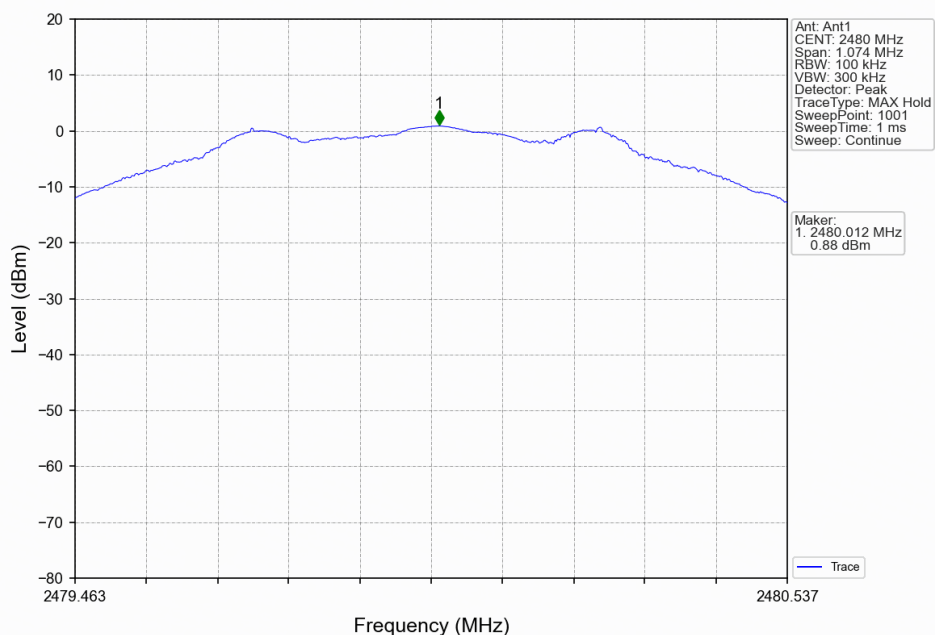
5.1.2 Test Graph



GFSK_MCH_2440MHz_Ant1_NTNV



GFSK_HCH_2480MHz_Ant1_NTNV



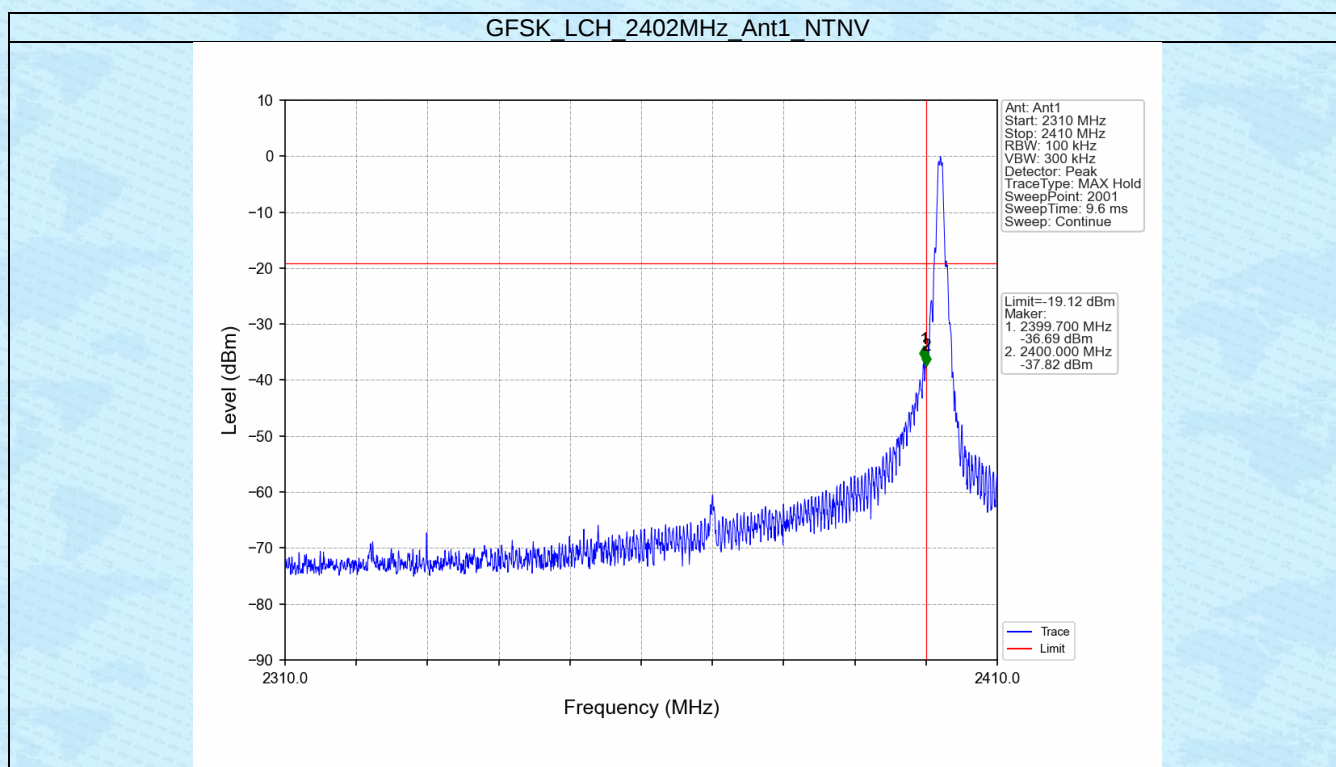
5.2 CSE

5.2.1 Test Result

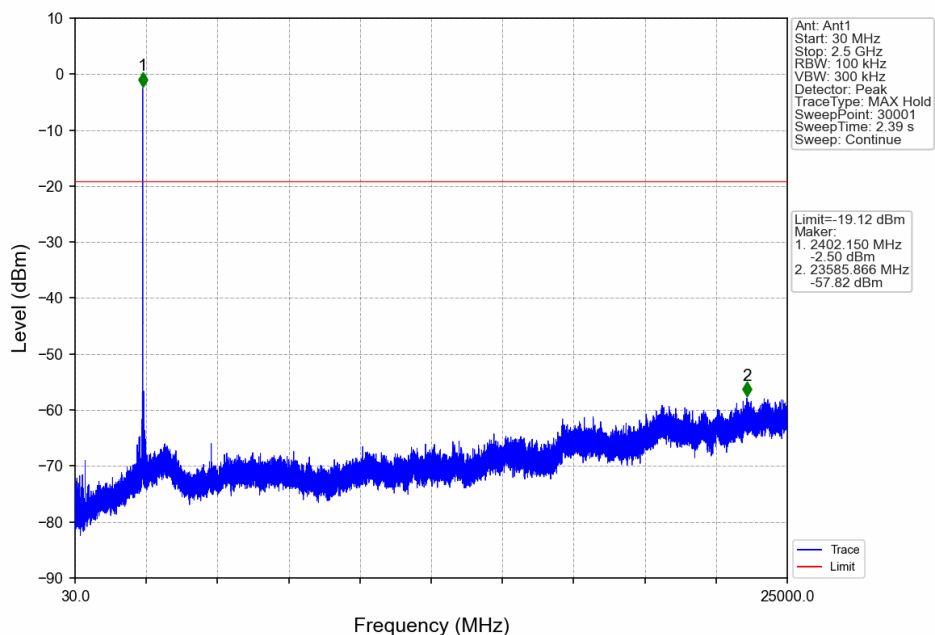
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	1	0.88	-19.12	Pass
		2440	1	0.88	-19.12	Pass
		2480	1	0.88	-19.12	Pass

Note1: Refer to RSS-247 Issue 2 section 5.5 and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

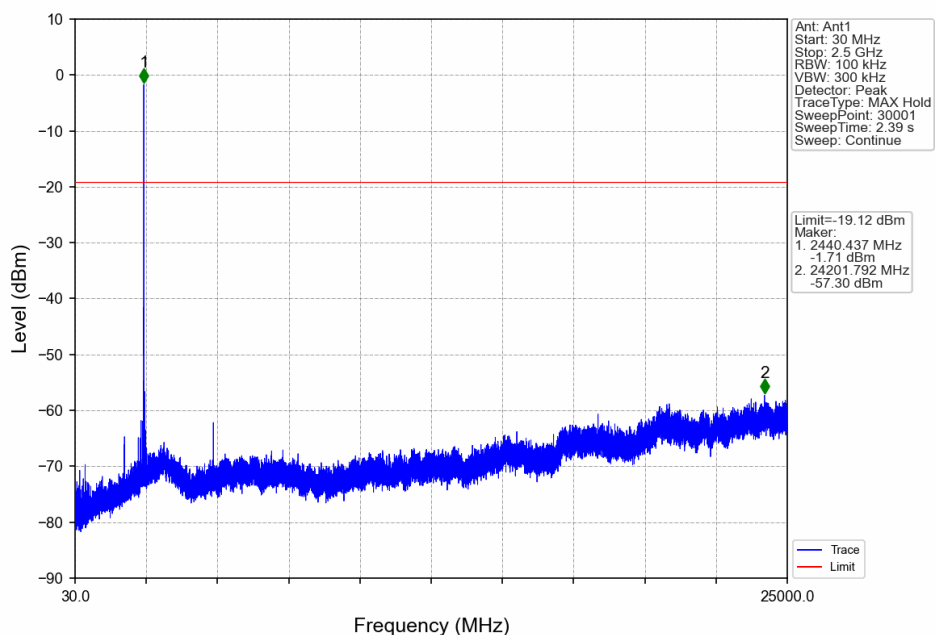
5.2.2 Test Graph



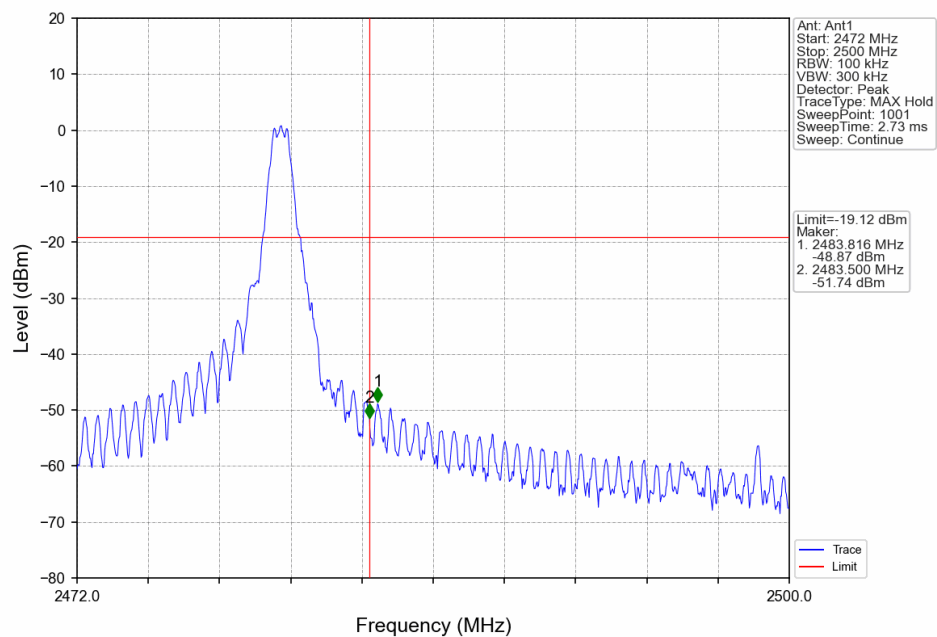
GFSK_LCH_2402MHz_Ant1_NTNV



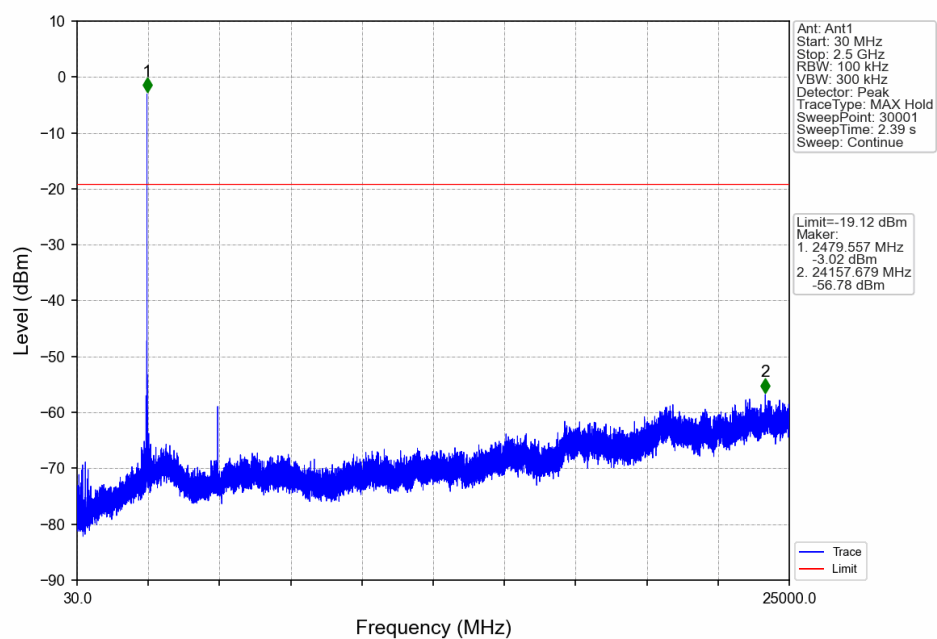
GFSK_MCH_2440MHz_Ant1_NTNV



GFSK_HCH_2480MHz_Ant1_NTNV



GFSK_HCH_2480MHz_Ant1_NTNV



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