

Appendix for 15.247

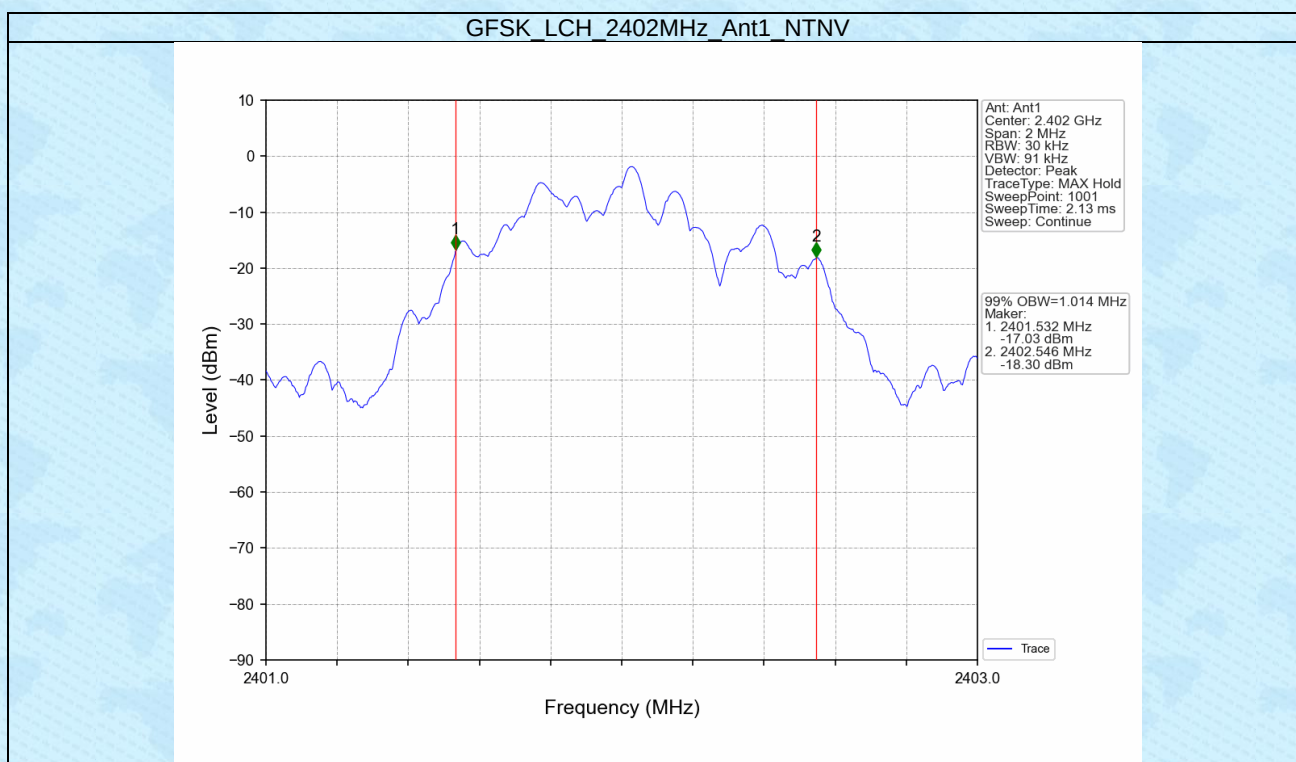
1. Bandwidth

1.1 OBW

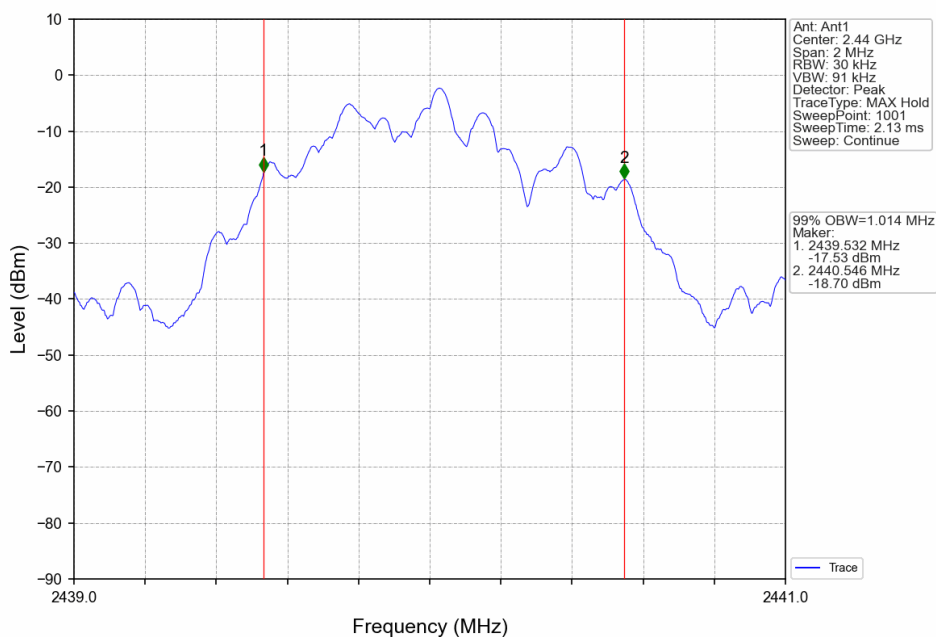
1.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
GFSK	SISO	2402	1	1.014	Pass
		2440	1	1.014	Pass
		2480	1	1.014	Pass

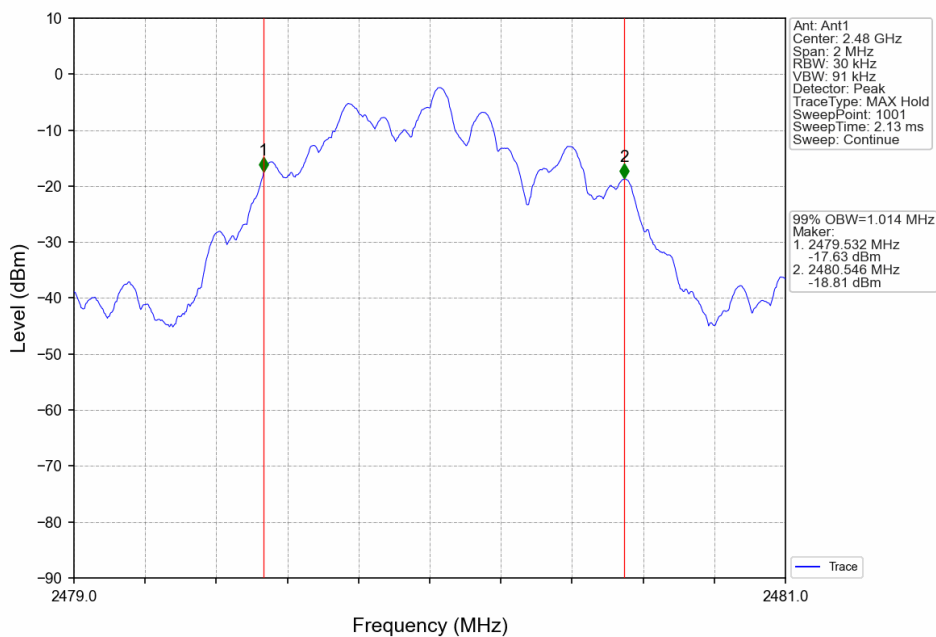
1.1.2 Test Graph



GFSK_MCH_2440MHz_Ant1_NTNV



GFSK_HCH_2480MHz_Ant1_NTNV

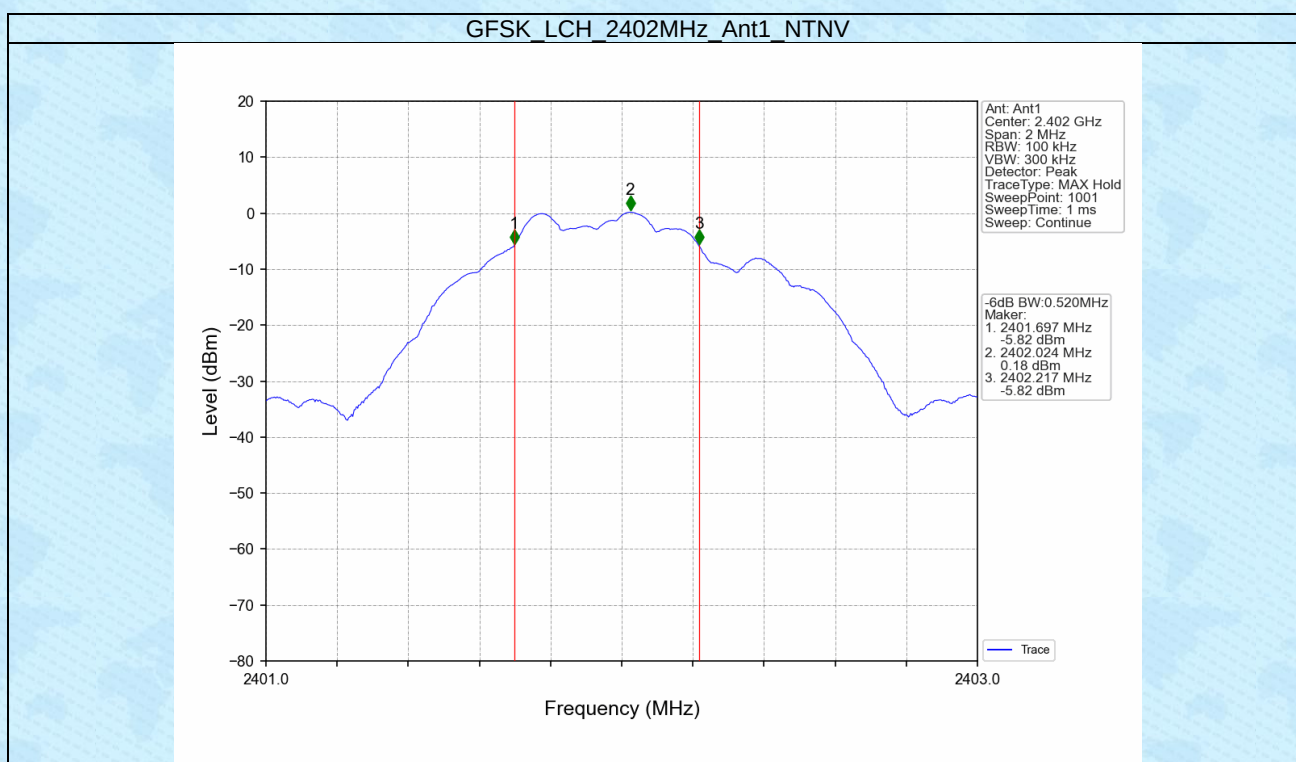


1.2 6dB BW

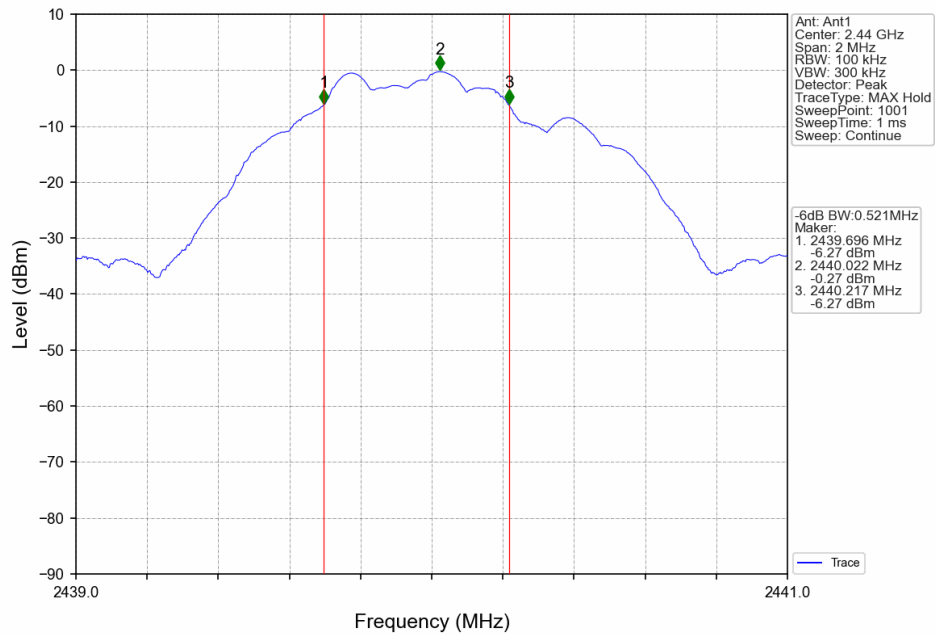
1.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
GFSK	SISO	2402	1	0.520	>=0.5	Pass
		2440	1	0.521	>=0.5	Pass
		2480	1	0.520	>=0.5	Pass

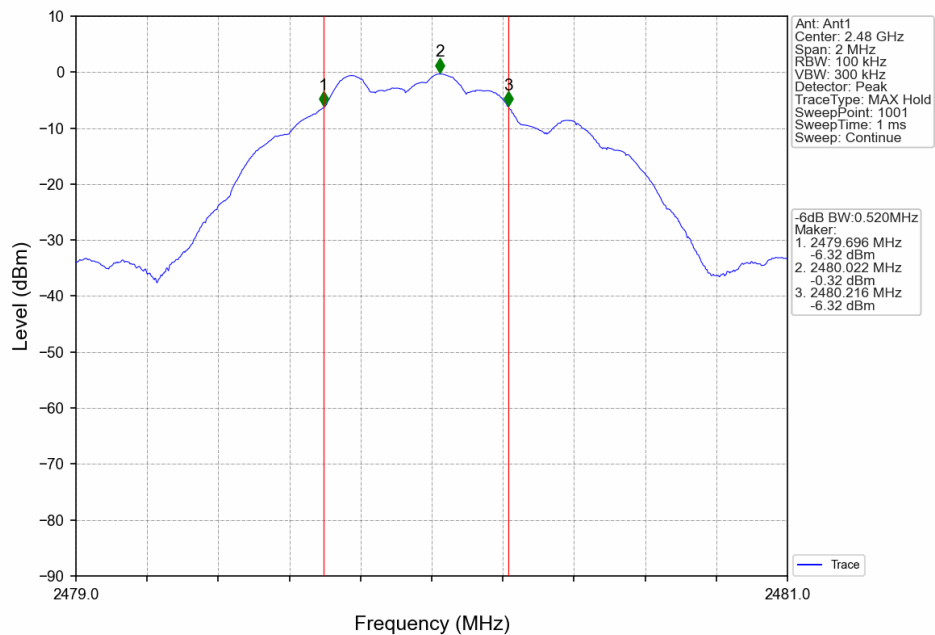
1.2.2 Test Graph



GFSK_MCH_2440MHz_Ant1_NTNV



GFSK_HCH_2480MHz_Ant1_NTNV

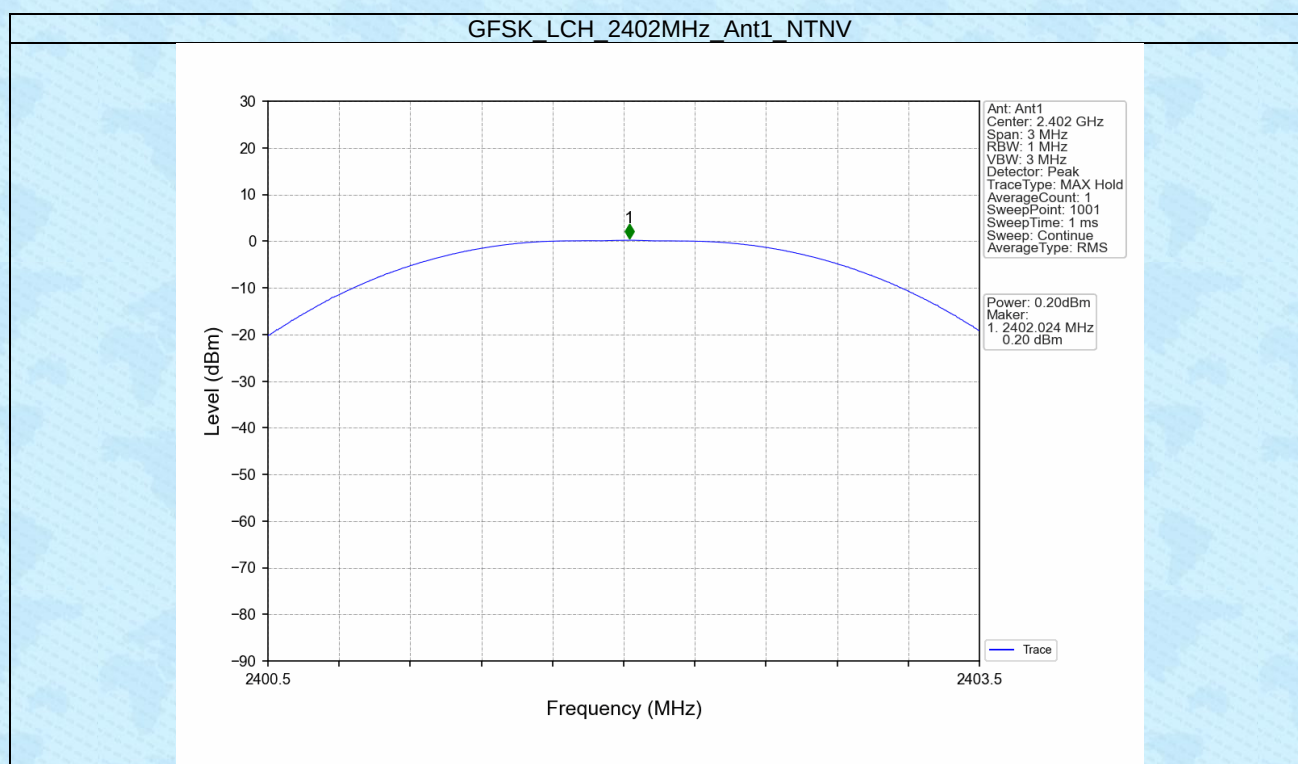


2. Maximum Conducted Output Power

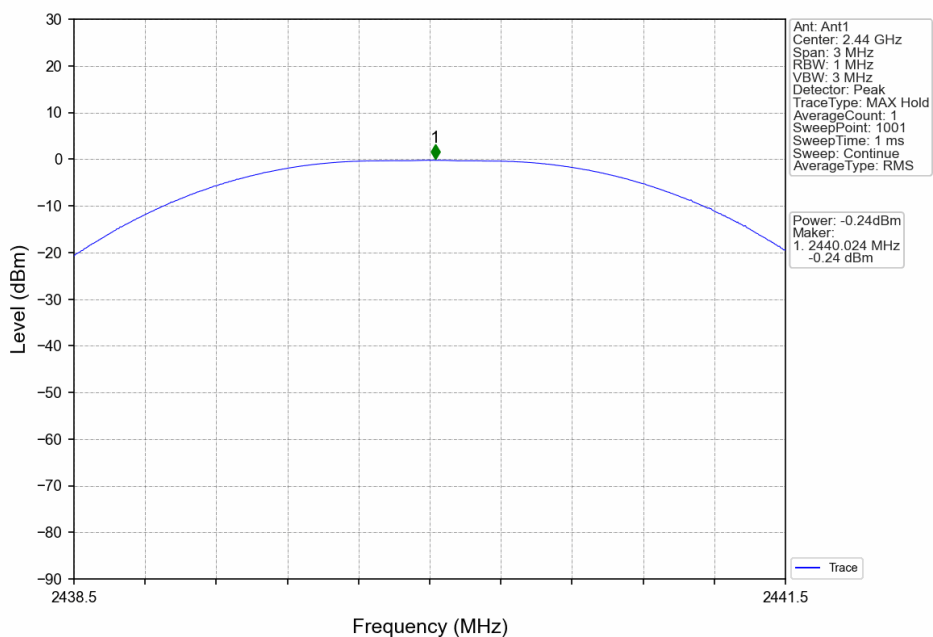
2.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
GFSK	SISO	2402	0.20	<=30	Pass
		2440	-0.24	<=30	Pass
		2480	-0.29	<=30	Pass

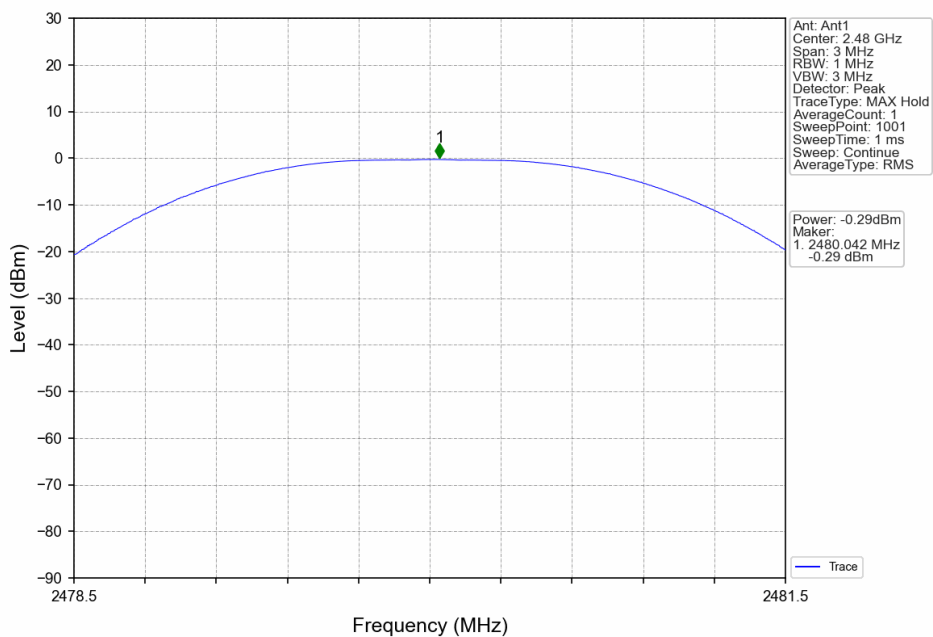
2.2 Test Graph



GFSK_MCH_2440MHz_Ant1_NTNV



GFSK_HCH_2480MHz_Ant1_NTNV

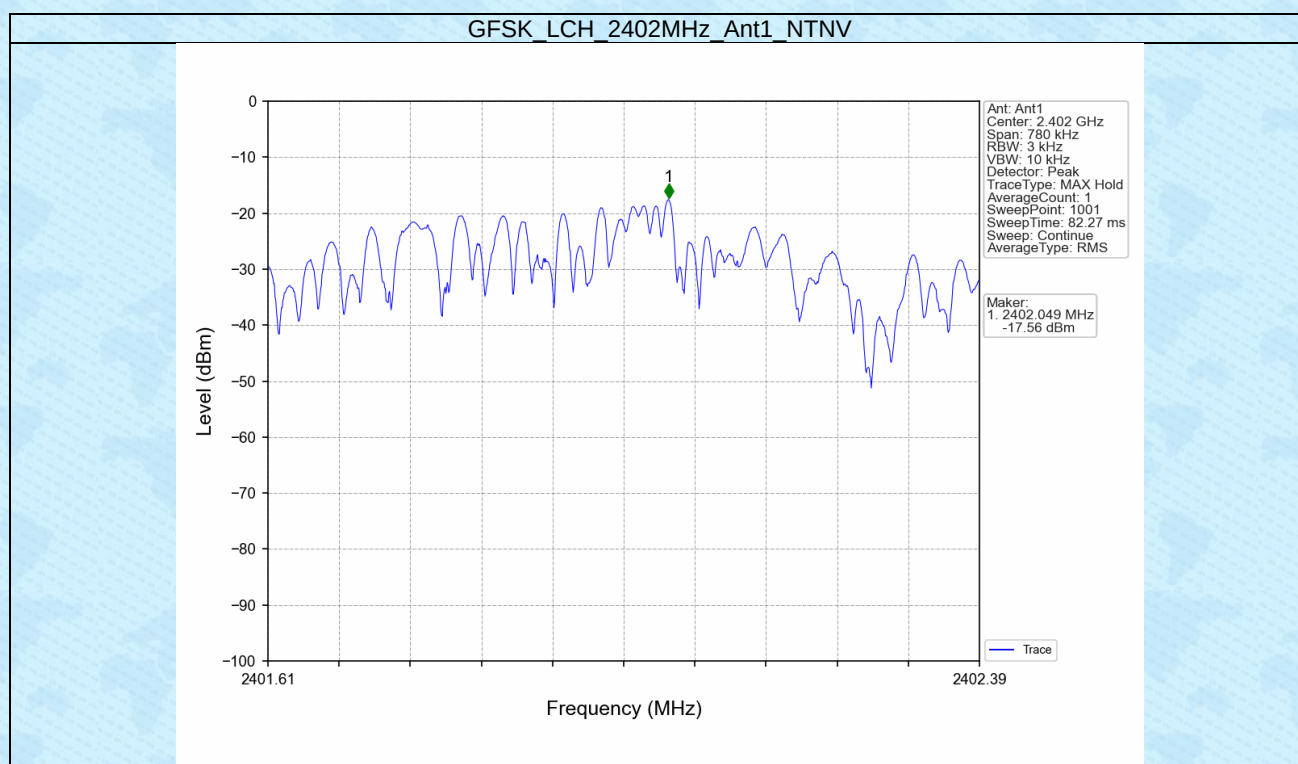


3. Maximum Power Spectral Density

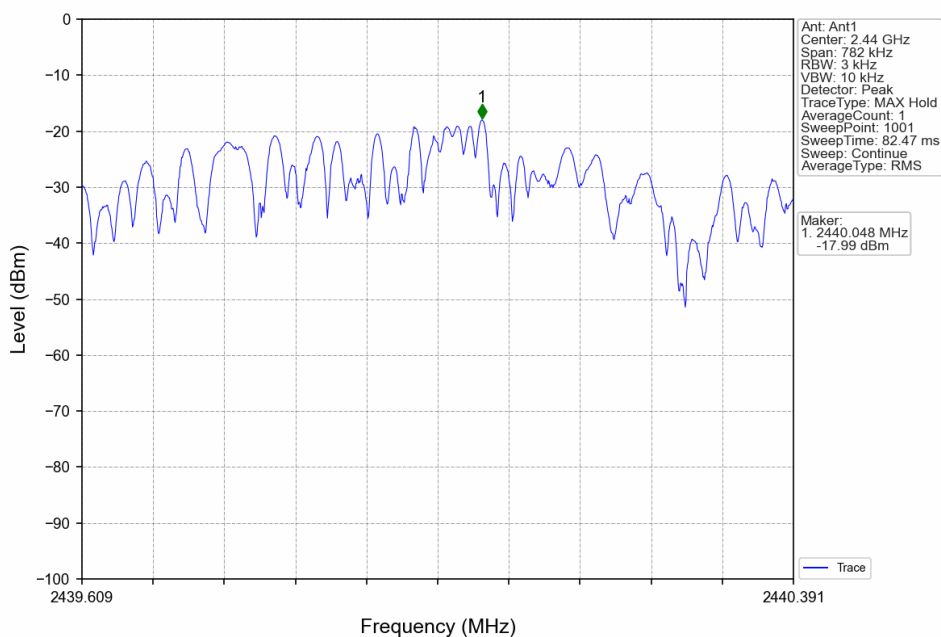
3.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
GFSK	SISO	2402	-17.56	<=8	Pass
		2440	-17.99	<=8	Pass
		2480	-18.21	<=8	Pass

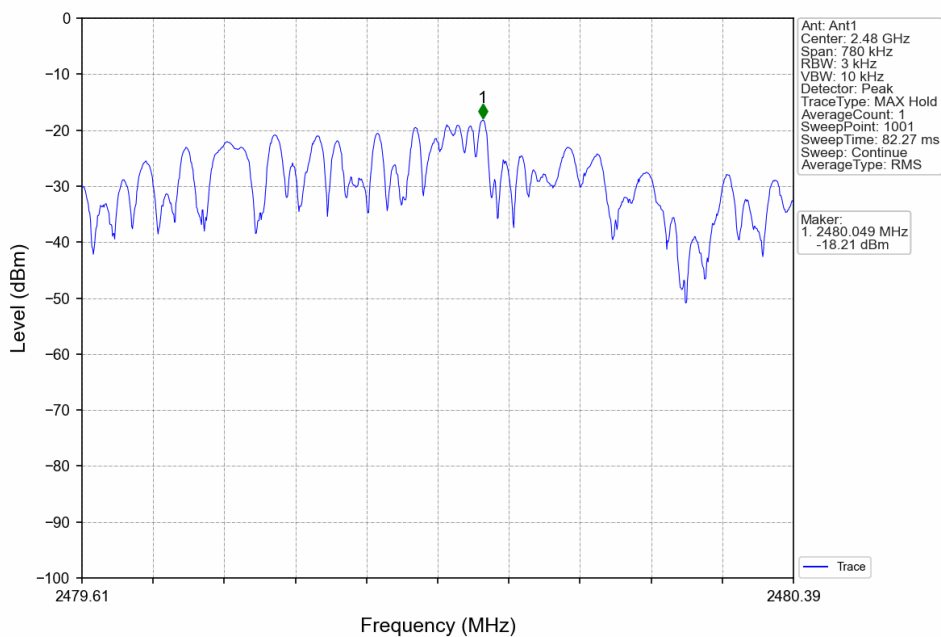
3.2 Test Graph



GFSK_MCH_2440MHz_Ant1_NTNV



GFSK_HCH_2480MHz_Ant1_NTNV



4. Unwanted Emissions InStandard Non-restricted Frequency Bands

4.1 Ref

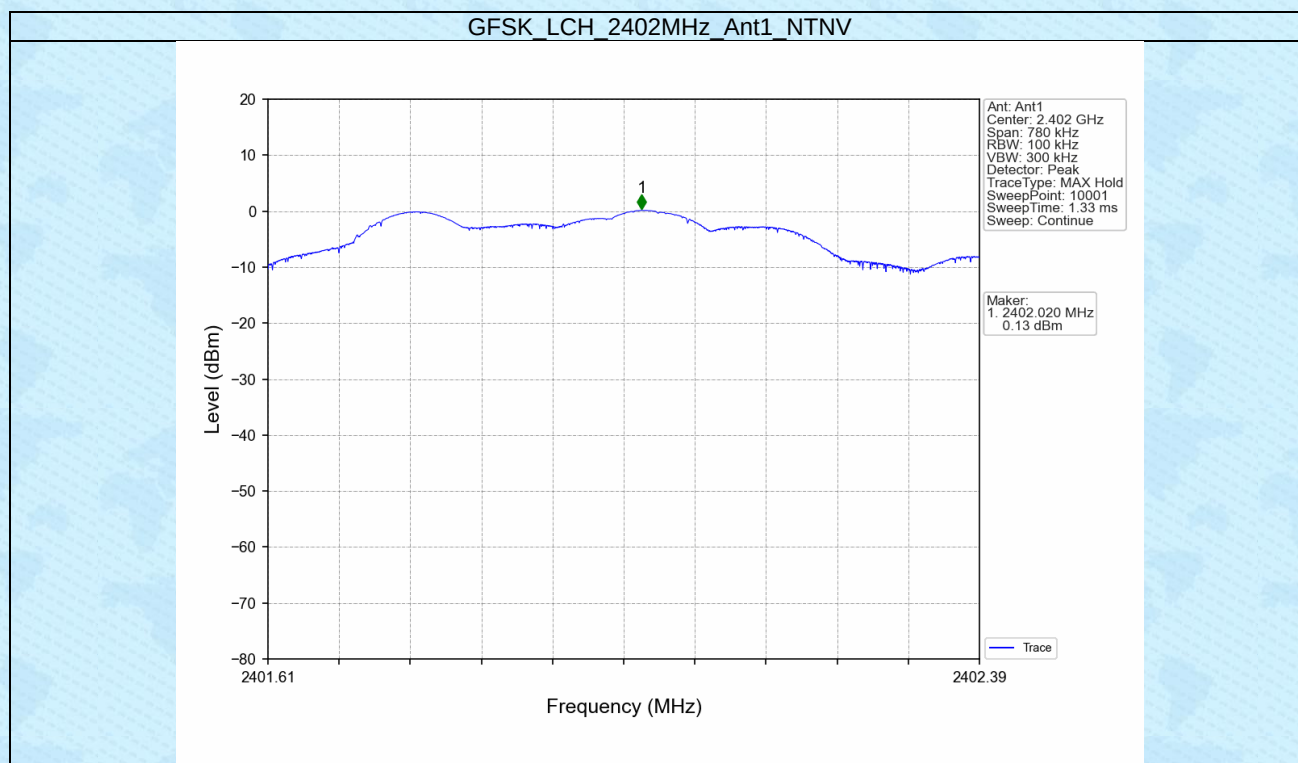
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
GFSK	SISO	2402	1	0.13
		2440	1	-0.29
		2480	1	-0.35

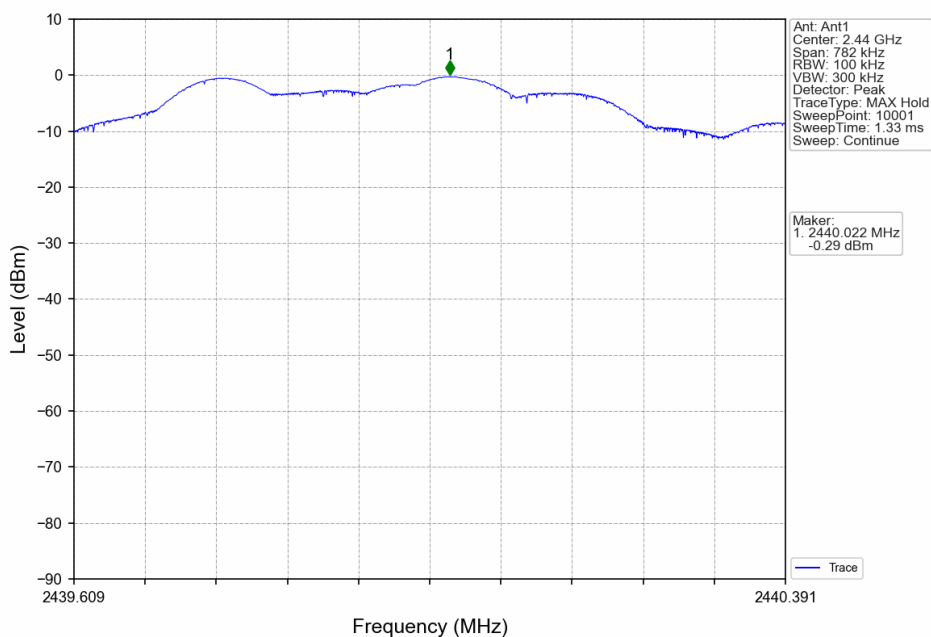
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10, the channel contains the maximum PSD level was used to establish the reference level.

Note2: RBW = 1MHz was used during the pre-test. The final test will be performed at RBW=100kHz while the margin is less than 3dB.

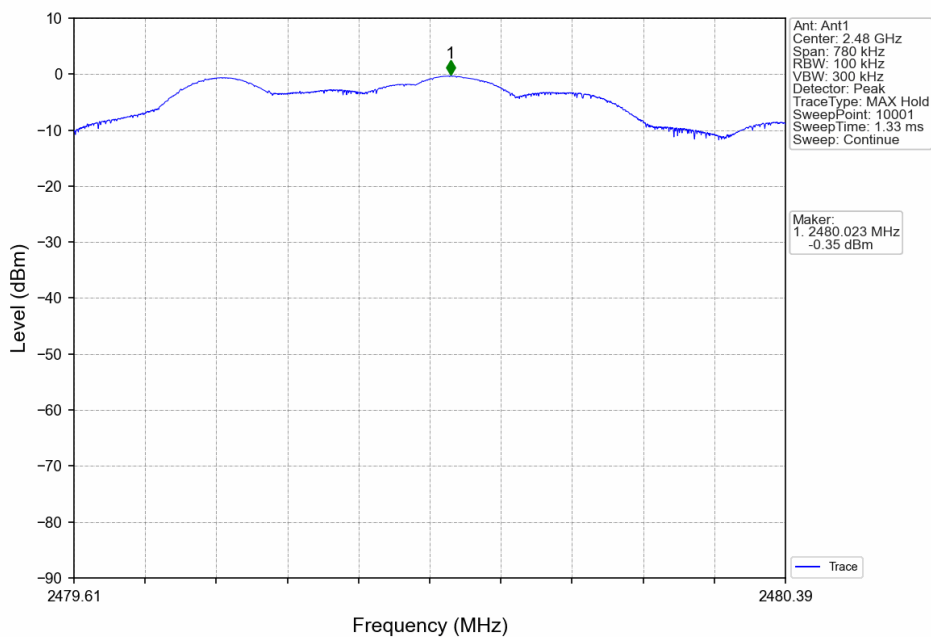
4.1.2 Test Graph



GFSK_MCH_2440MHz_Ant1_NTNV



GFSK_HCH_2480MHz_Ant1_NTNV



4.2 CSE

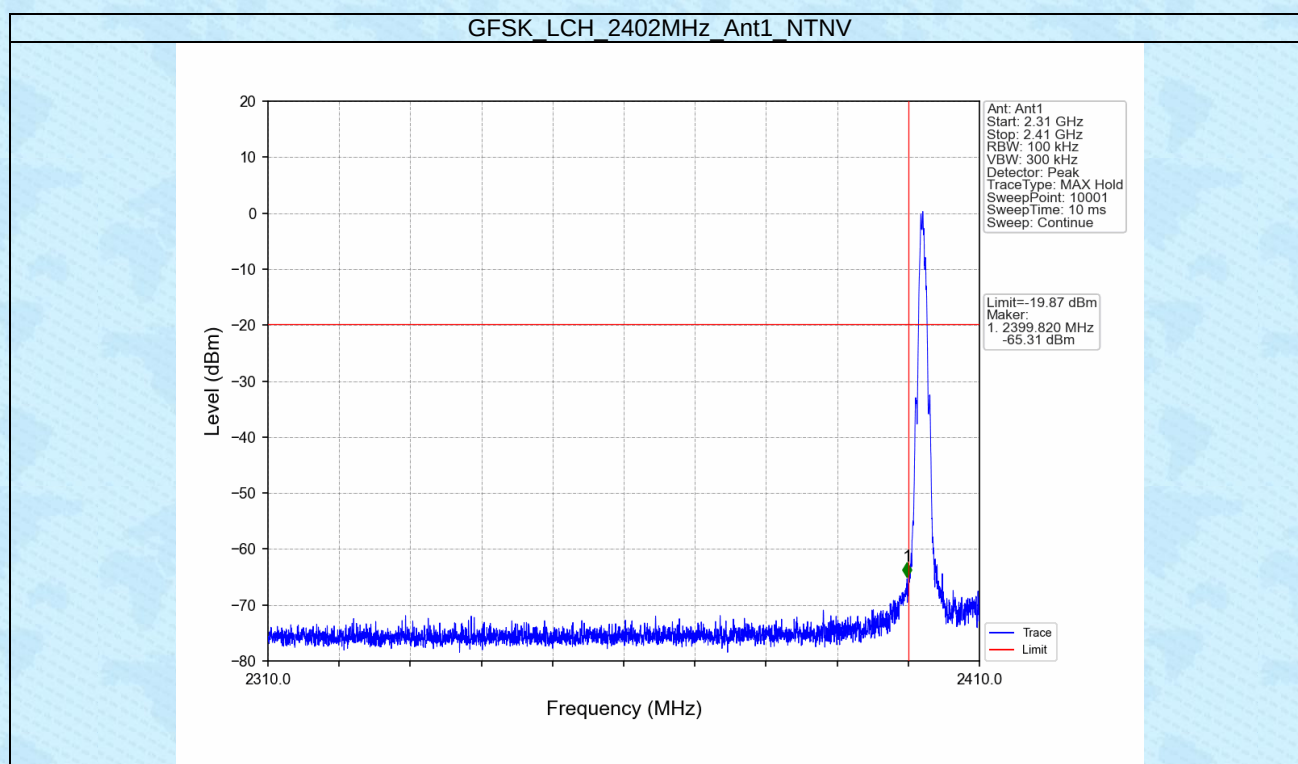
4.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	1	0.13	-19.87	Pass
		2440	1	0.13	-19.87	Pass
		2480	1	0.13	-19.87	Pass

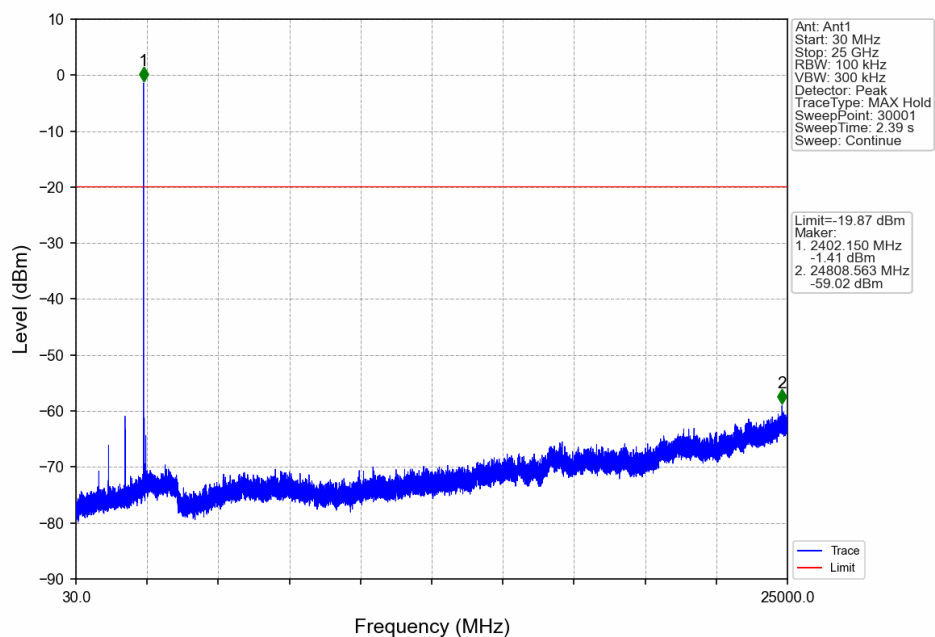
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10, the channel contains the maximum PSD level was used to establish the reference level.

Note2: RBW = 1MHz was used during the pre-test. The final test will be performed at RBW=100kHz while the margin is less than 3dB.

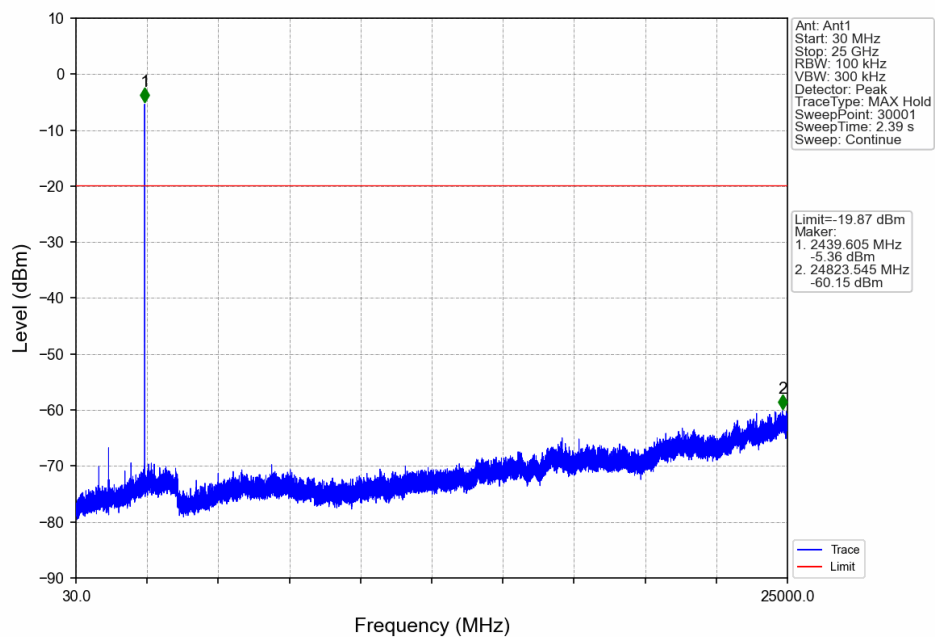
4.2.2 Test Graph



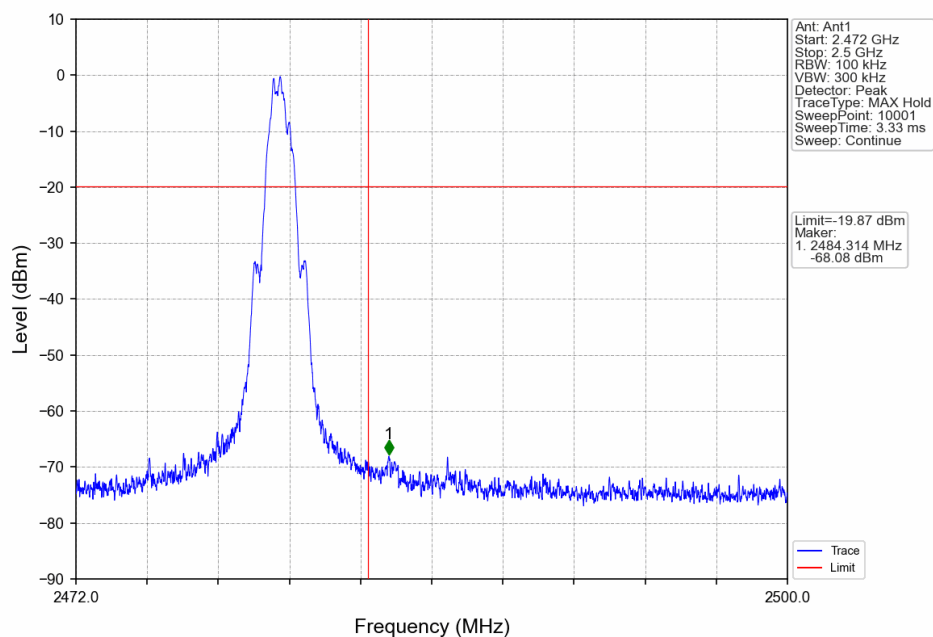
GFSK_LCH_2402MHz_Ant1_NTNV



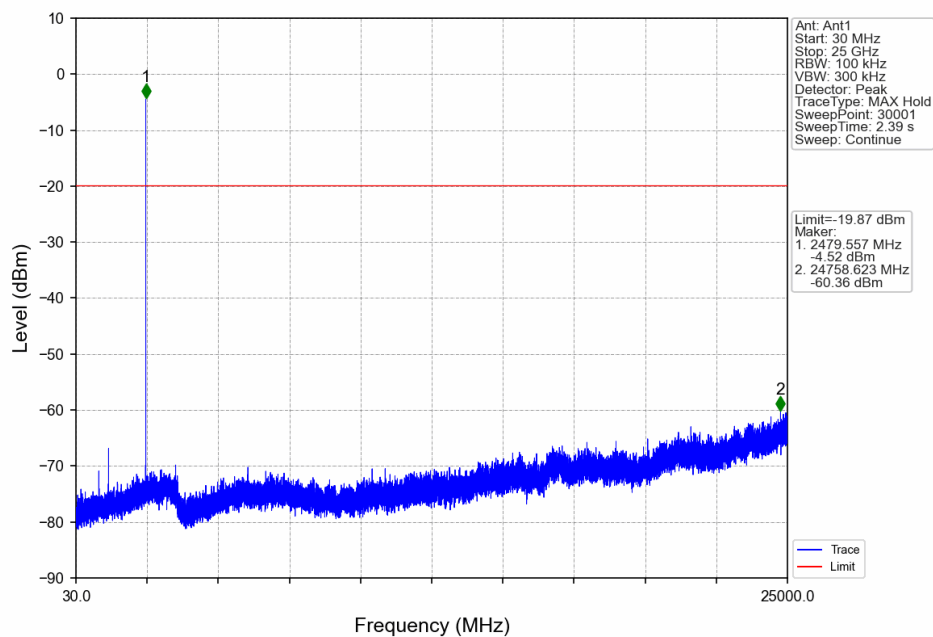
GFSK_MCH_2440MHz_Ant1_NTNV



GFSK_HCH_2480MHz_Ant1_NTNV



GFSK_HCH_2480MHz_Ant1_NTNV



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