

1. Bandwidth

1.1 Test Result

1.1.1 OBW

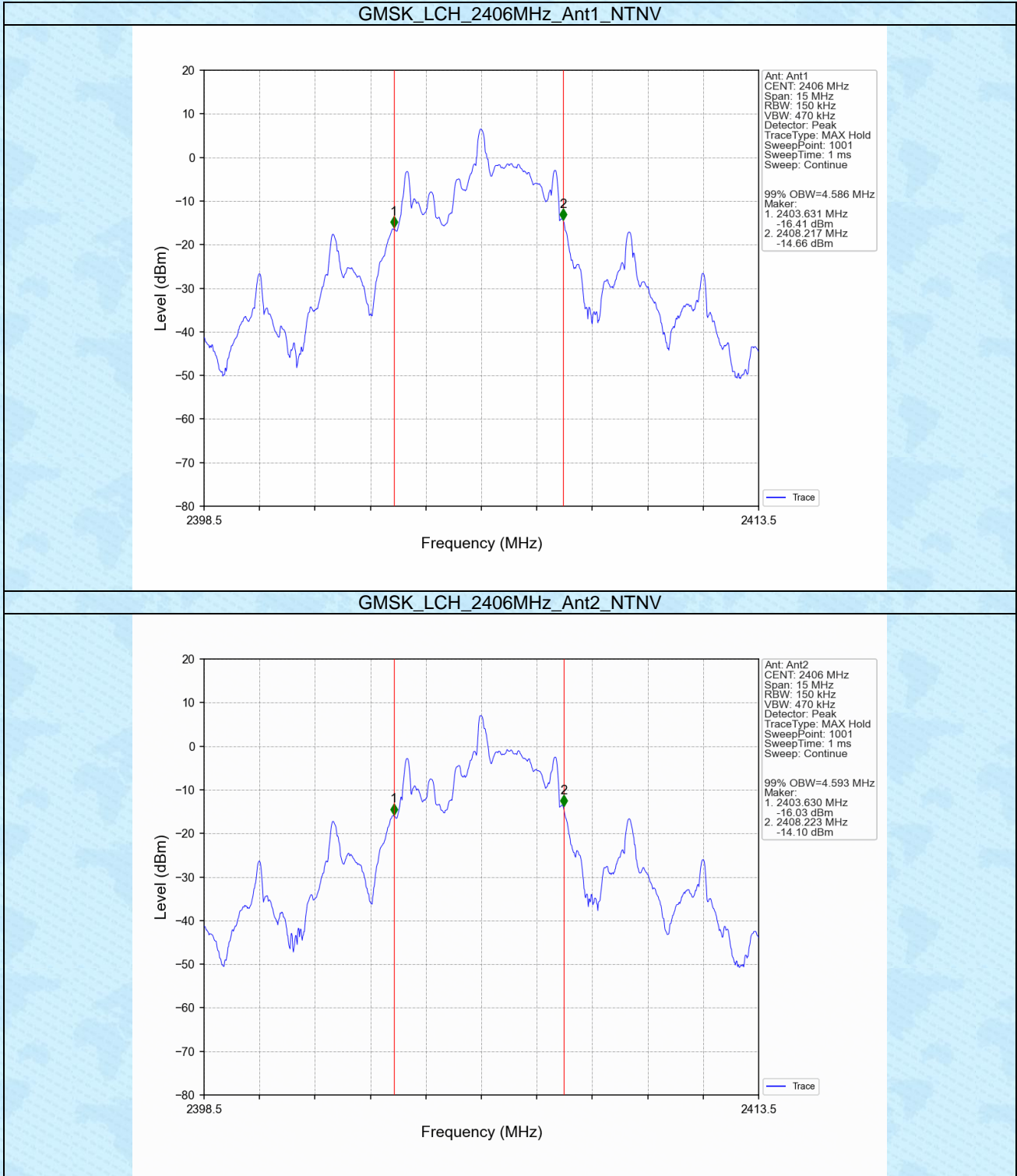
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
GMSK	SISO	2406	1	4.586	/	Pass
			2	4.593	/	Pass
		2440	1	4.616	/	Pass
			2	4.613	/	Pass
		2472	1	4.552	/	Pass
			2	4.581	/	Pass

1.1.2 20dB BW

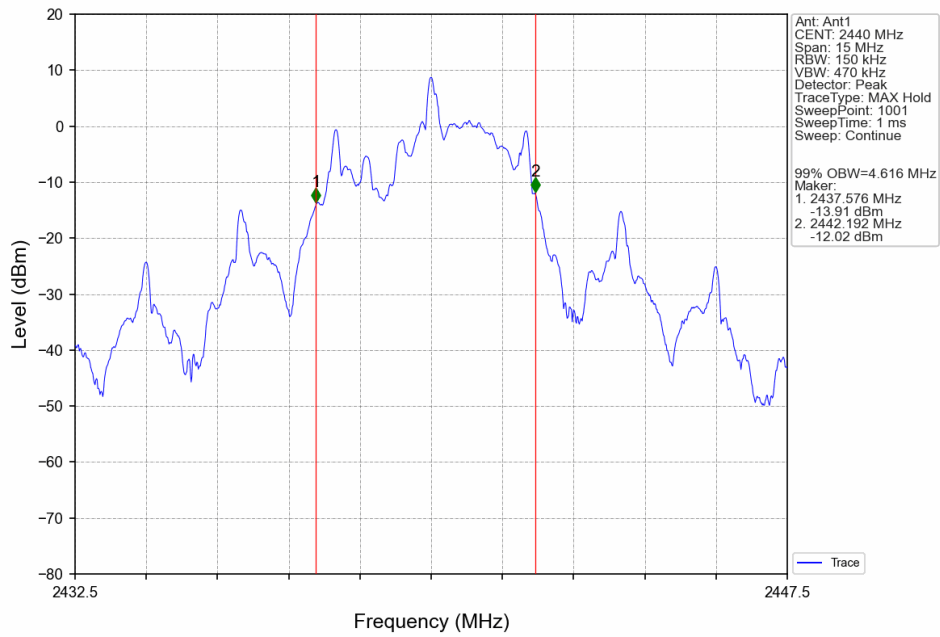
Mode	TX Type	Frequency (MHz)	ANT	20dB Bandwidth (MHz)		Verdict
				Result	Limit	
GMSK	SISO	2406	1	4.309	/	Pass
			2	4.299	/	Pass
		2440	1	4.309	/	Pass
			2	4.315	/	Pass
		2472	1	4.321	/	Pass
			2	4.311	/	Pass

1.2 Test Graph

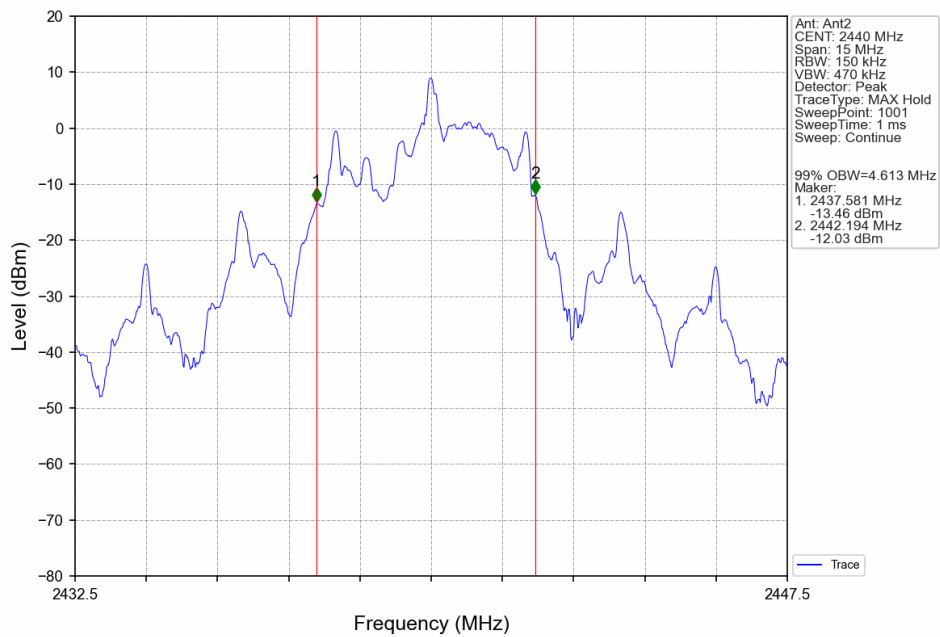
1.2.1 OBW



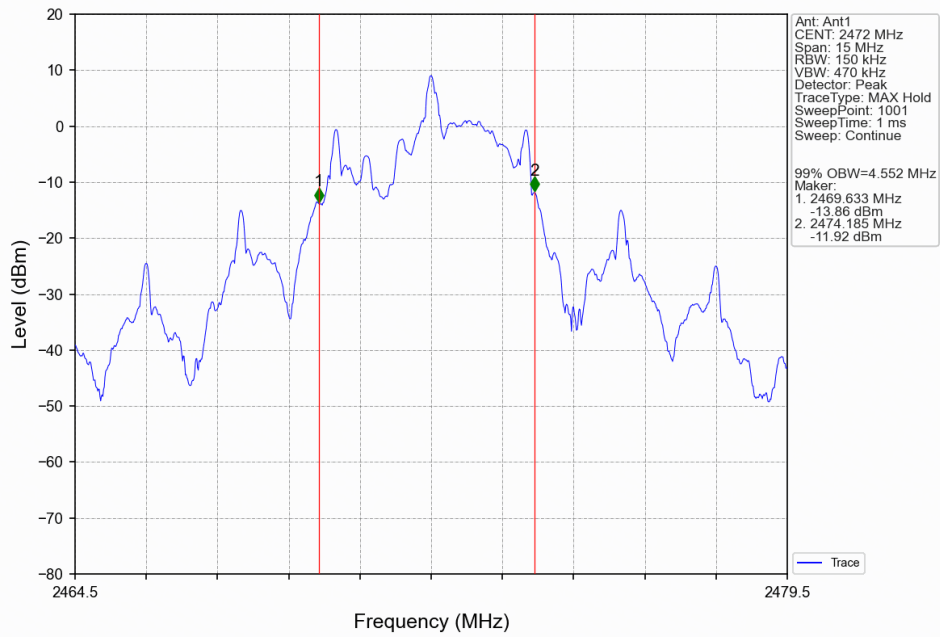
GMSK_MCH_2440MHz_Ant1_NTNV



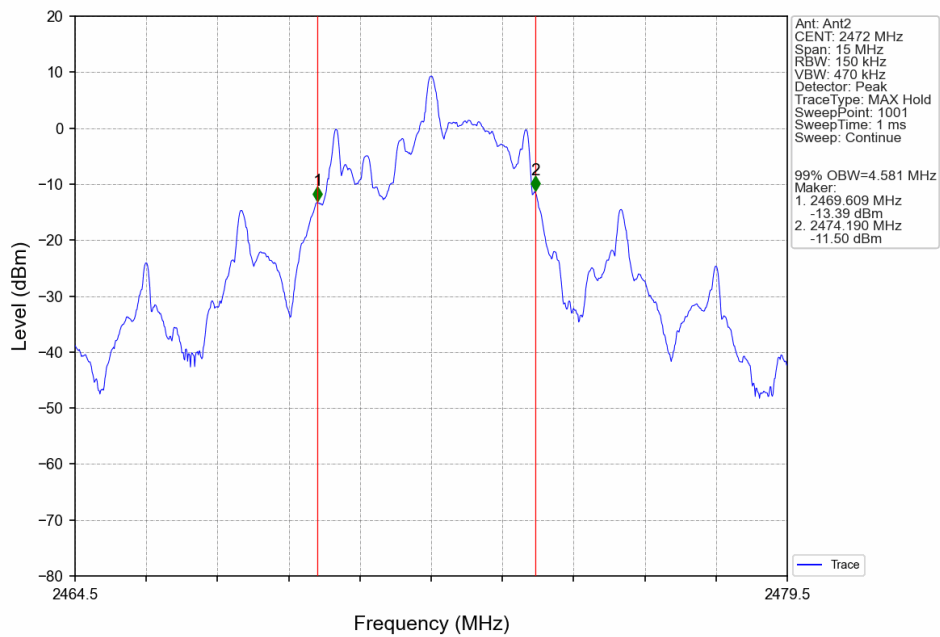
GMSK_MCH_2440MHz_Ant2_NTNV



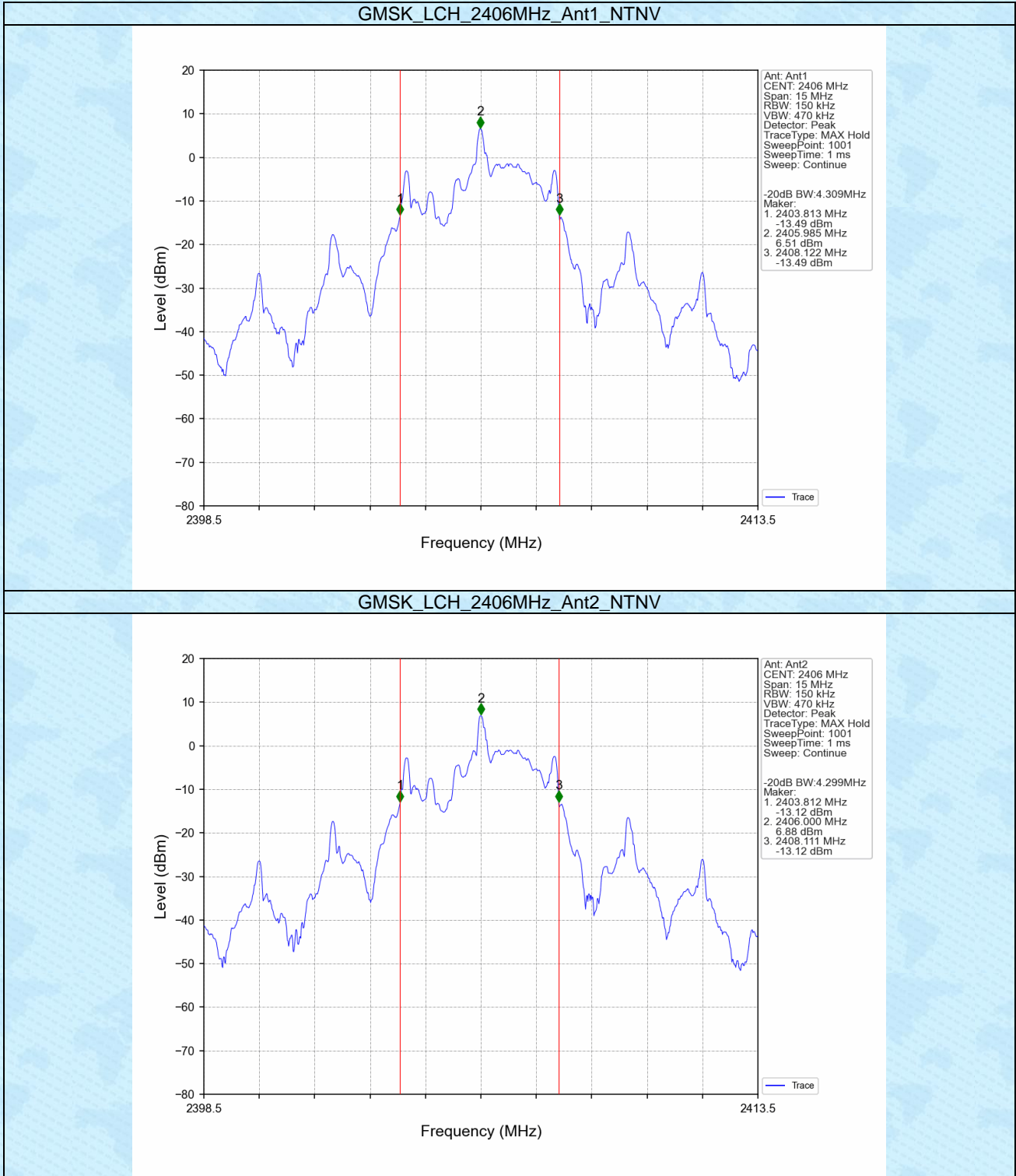
GMSK_HCH_2472MHz_Ant1_NTNV



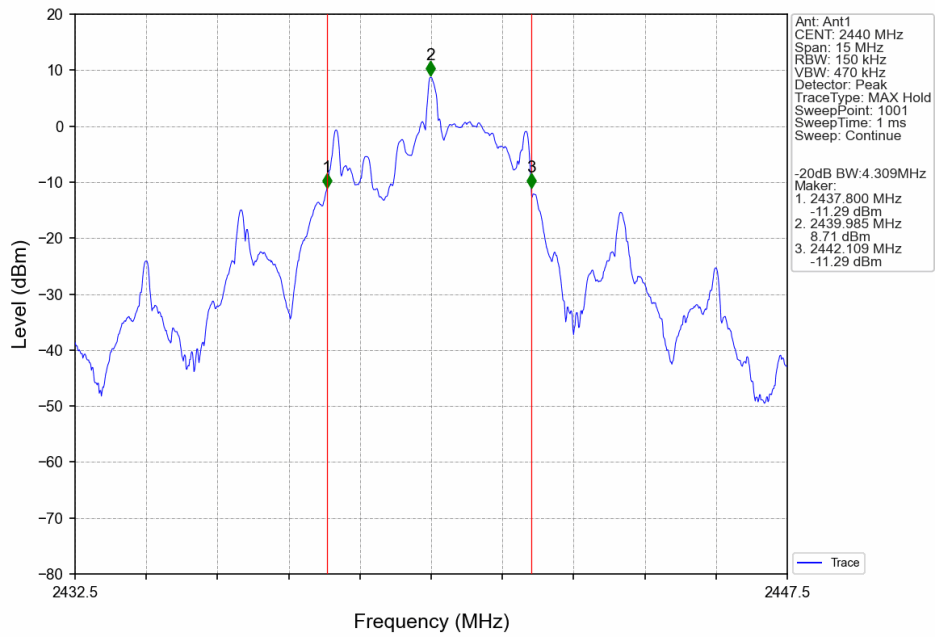
GMSK_HCH_2472MHz_Ant2_NTNV



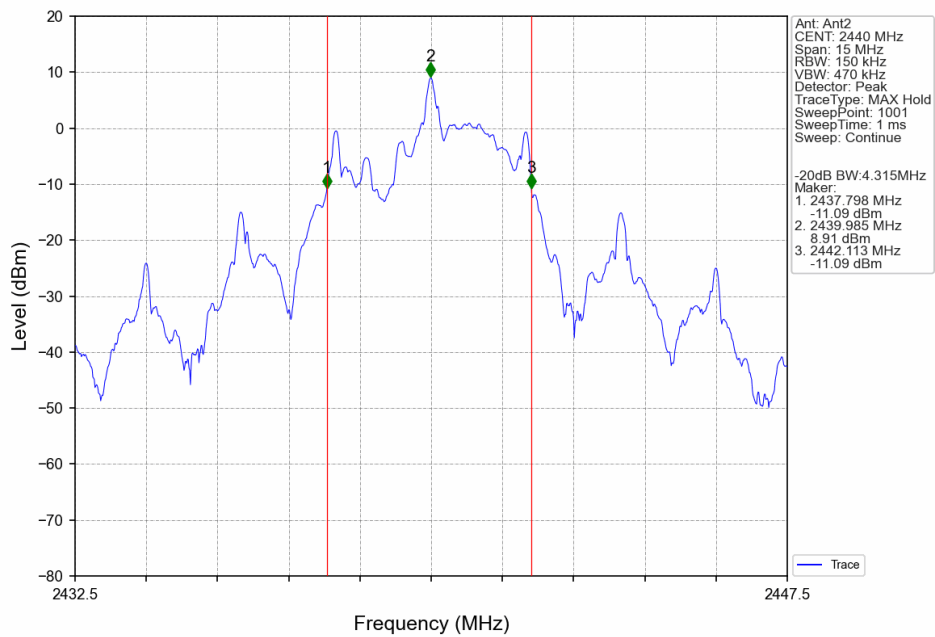
1.2.2 20dB BW



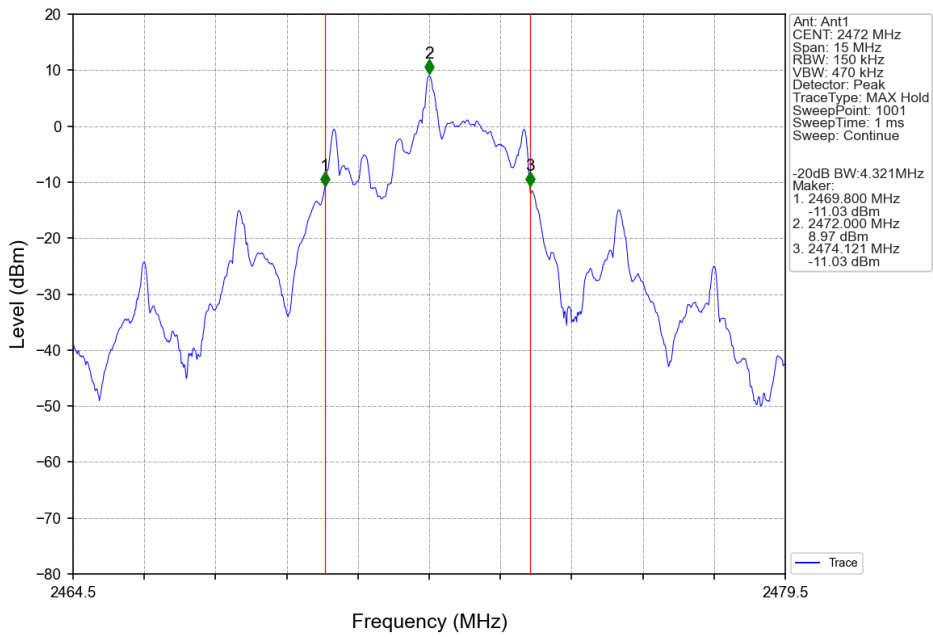
GMSK_MCH_2440MHz_Ant1_NTNV



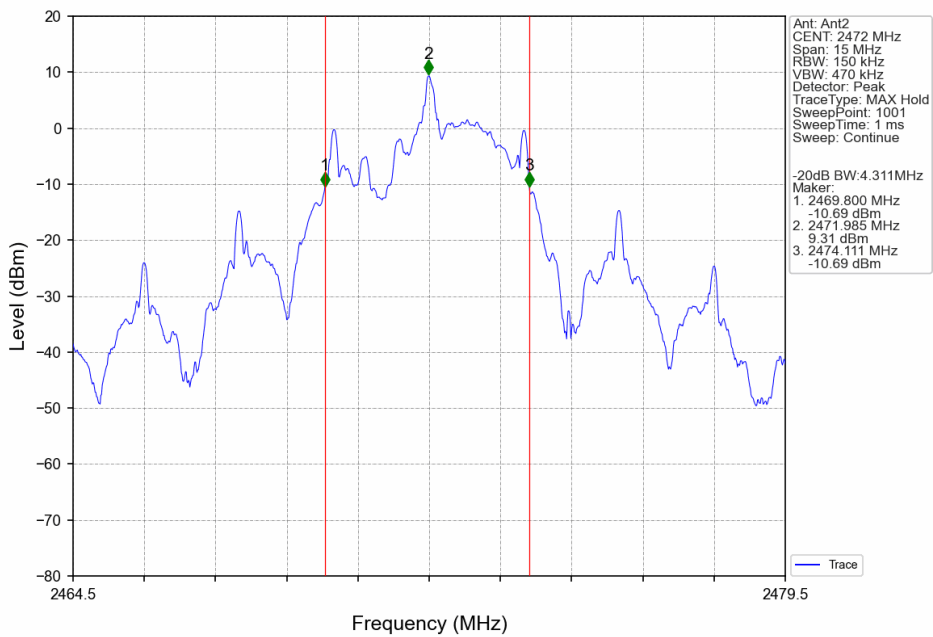
GMSK_MCH_2440MHz_Ant2_NTNV



GMSK_HCH_2472MHz_Ant1_NTNV



GMSK_HCH_2472MHz_Ant2_NTNV



2. Maximum Conducted Output Power

2.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)			Verdict
			ANT1	ANT2	Limit	
GMSK	SISO	2406	8.99	9.09	≤ 20.97	Pass
		2440	11.33	11.10	≤ 20.97	Pass
		2472	11.50	11.39	≤ 20.97	Pass

3. Carrier Frequency Separation

3.1 Test Result

Ant1						
Mode	TX Type	Frequency (MHz)	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
GMSK	SISO	HOPP	3.000	4.321	≥ 2.881	Pass
Ant2						
Mode	TX Type	Frequency (MHz)	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
GMSK	SISO	HOPP	3.000	4.321	≥ 2.881	Pass

3.2 Test Graph

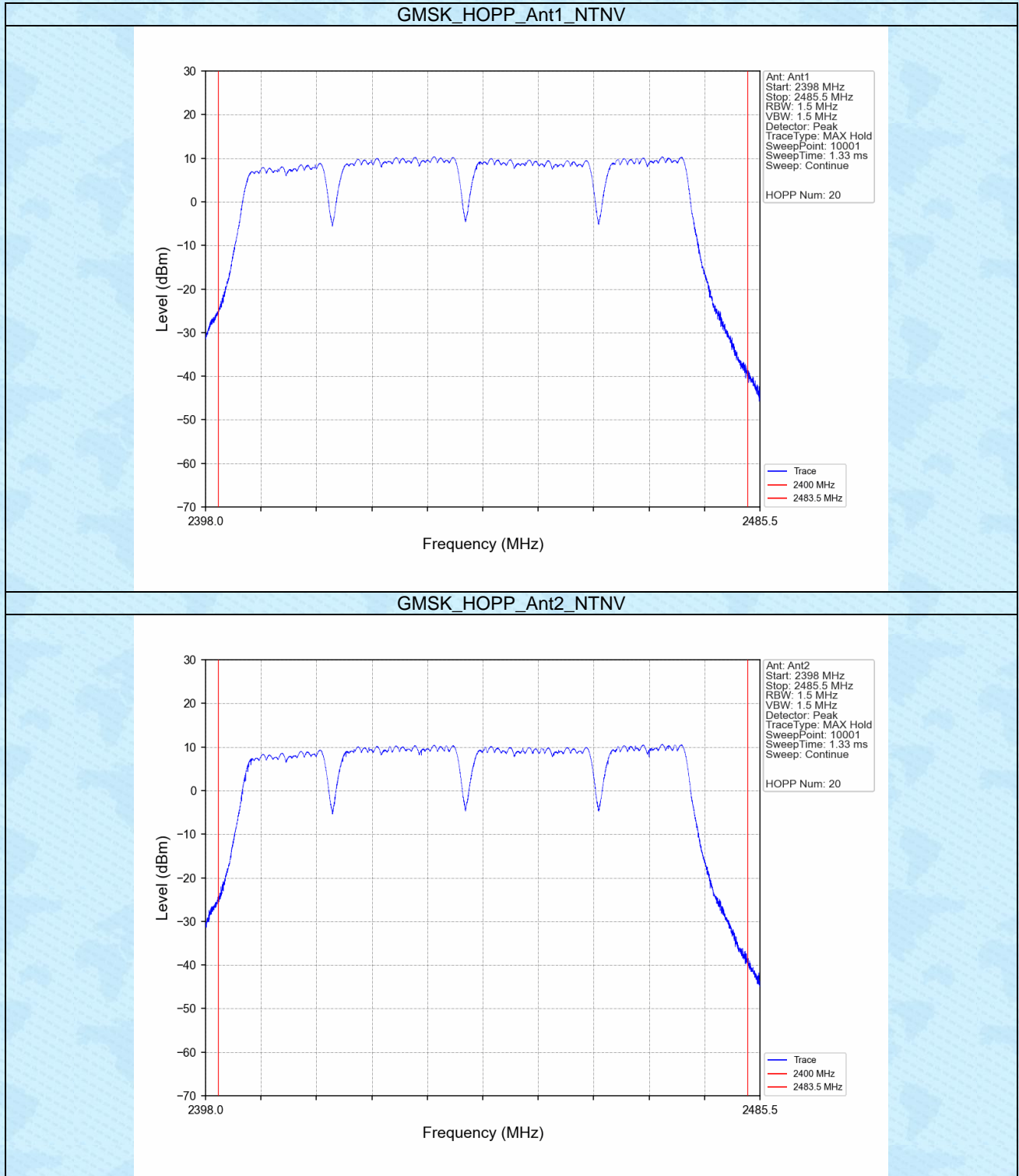


4. Number of Hopping Frequencies

4.1 Test Result

Mode	TX Type	Frequency (MHz)	Num of Hopping Frequencies			Verdict
			ANT1	ANT2	Limit	
GMSK	SISO	HOPP	20	20	>=15	Pass

4.2 Test Graph

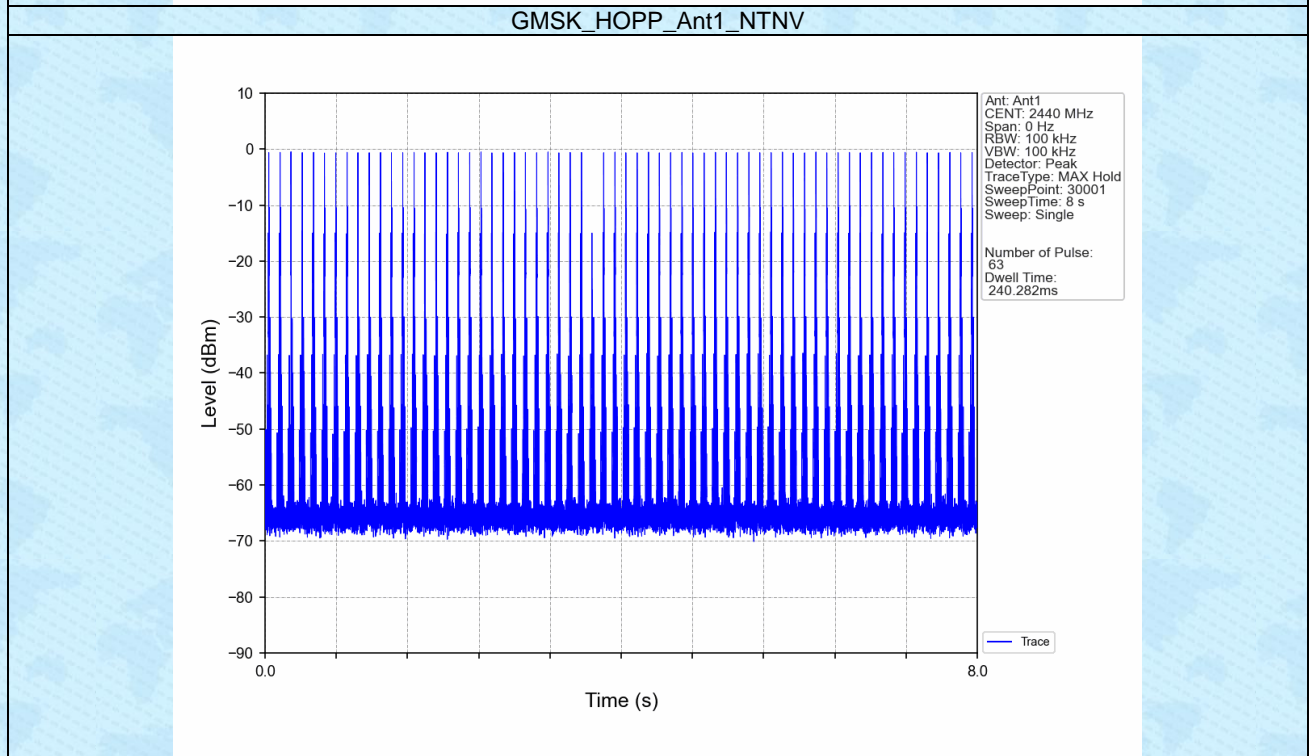
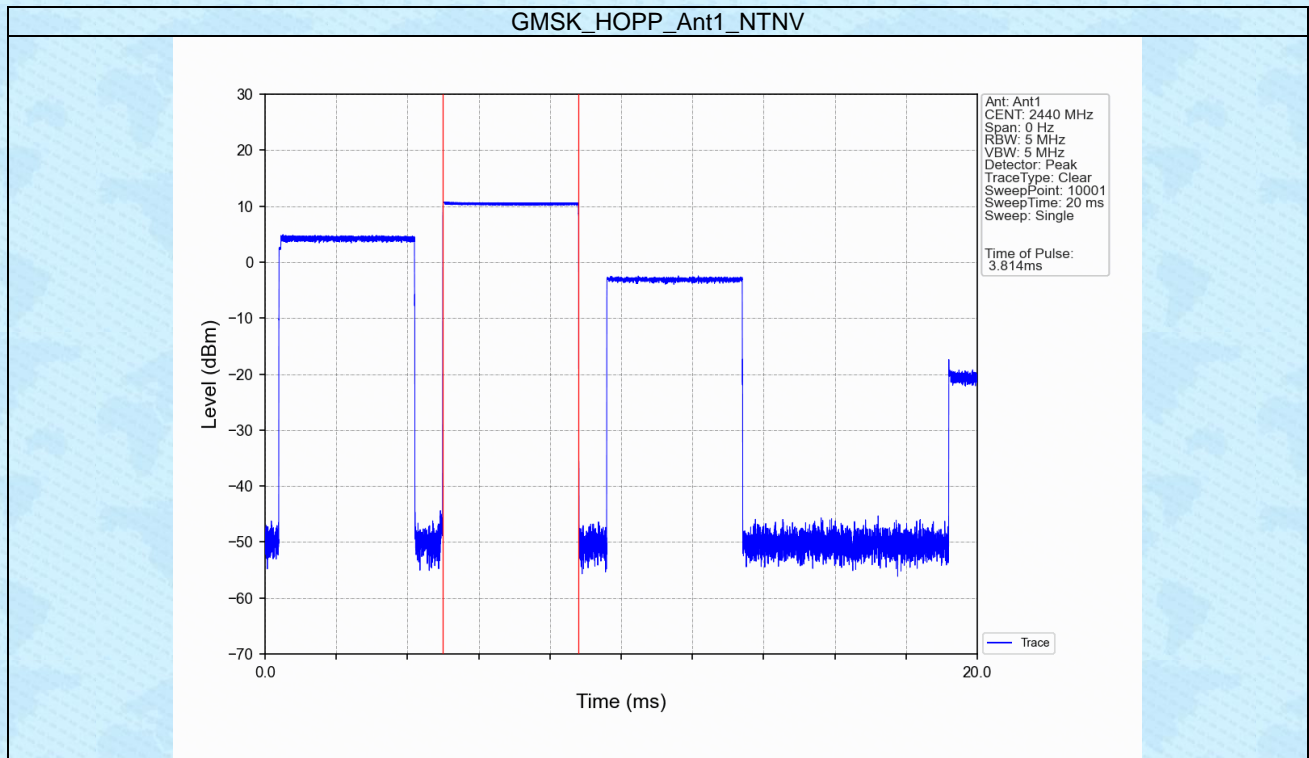


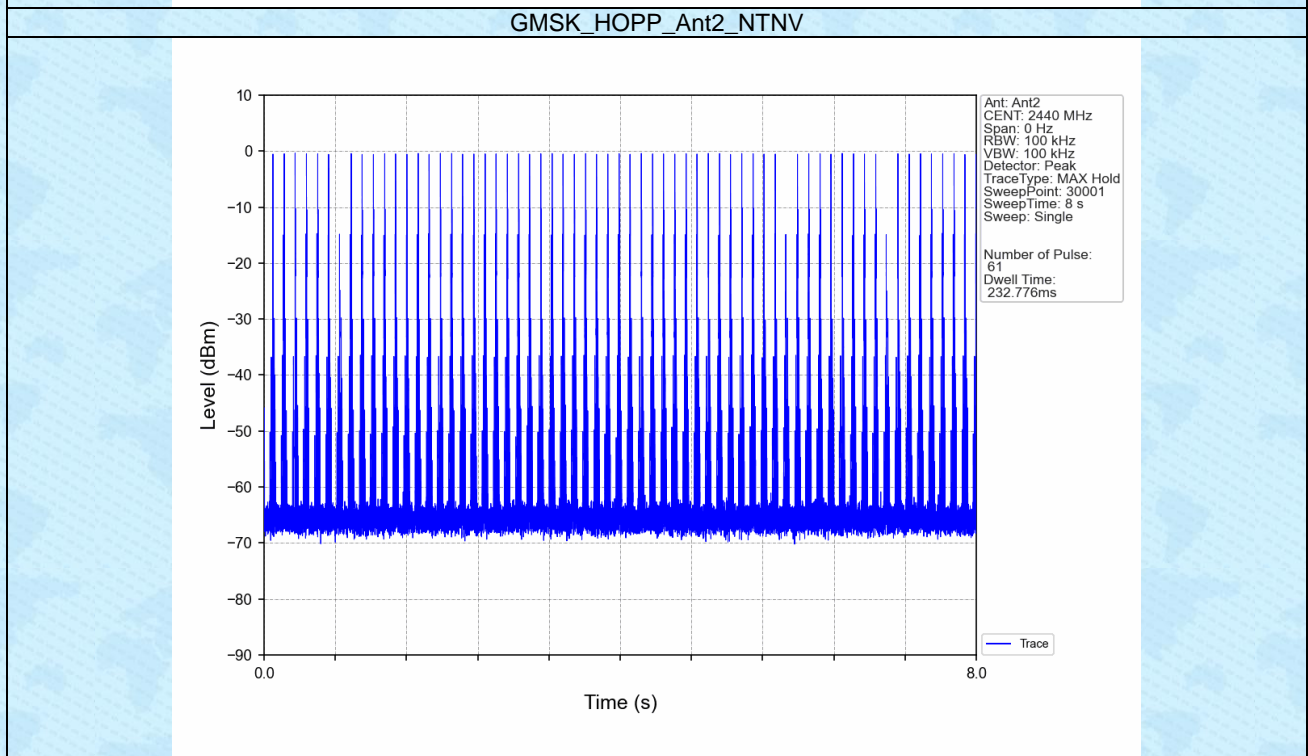
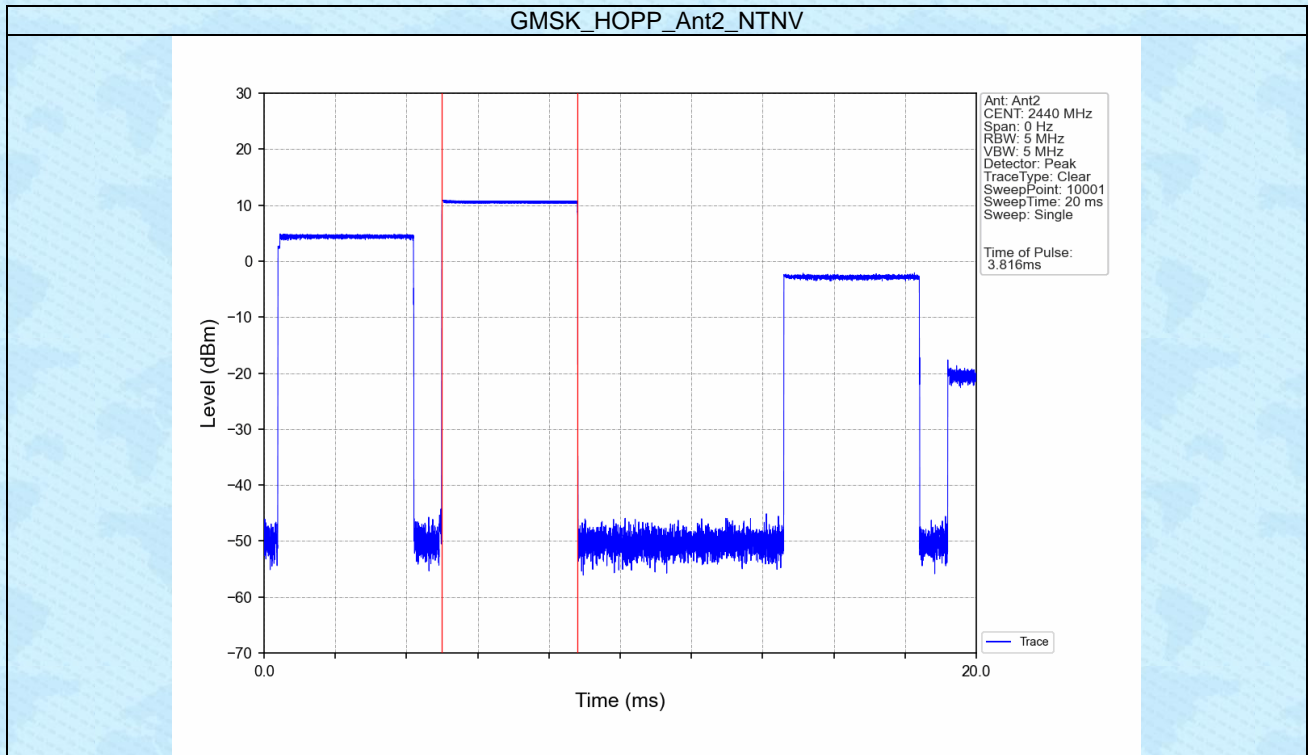
5. Time of Occupancy (Dwell Time)

5.1 Test Result

Ant1								
Mode	TX Type	Frequency (MHz)	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limit (ms)	Verdict
GMSK	SISO	HOPP	3.814	8.000	63	240.282	<=400	Pass
Ant2								
Mode	TX Type	Frequency (MHz)	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limit (ms)	Verdict
GMSK	SISO	HOPP	3.816	8.000	61	232.776	<=400	Pass

5.2 Test Graph





6. Unwanted Emissions In Non-restricted Frequency Bands

6.1 Test Result

6.1.1 Ref

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
GMSK	SISO	2406	1	7.25
			2	7.30
		2440	1	9.61
			2	9.26
		2472	1	9.72
			2	9.59

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.

6.1.2 CSE

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GMSK	SISO	2406	1	9.72	-10.28	Pass
			2	9.59	-10.41	Pass
		2440	1	9.72	-10.28	Pass
			2	9.59	-10.41	Pass
		2472	1	9.72	-10.28	Pass
			2	9.59	-10.41	Pass
		HOPP	1	9.72	-10.28	Pass
				9.72	-10.28	Pass
			2	9.59	-10.41	Pass
				9.59	-10.41	Pass

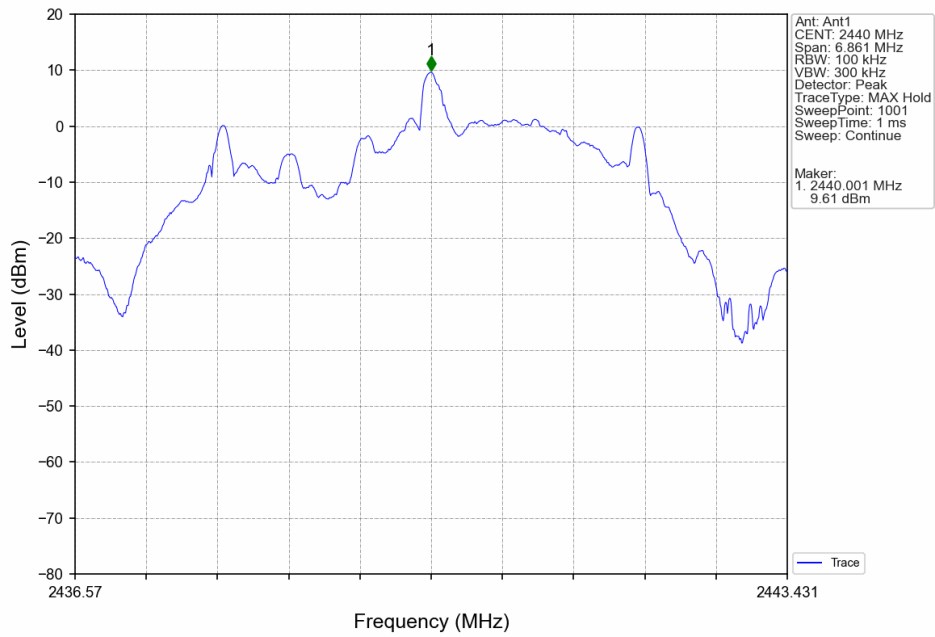
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

6.2 Test Graph

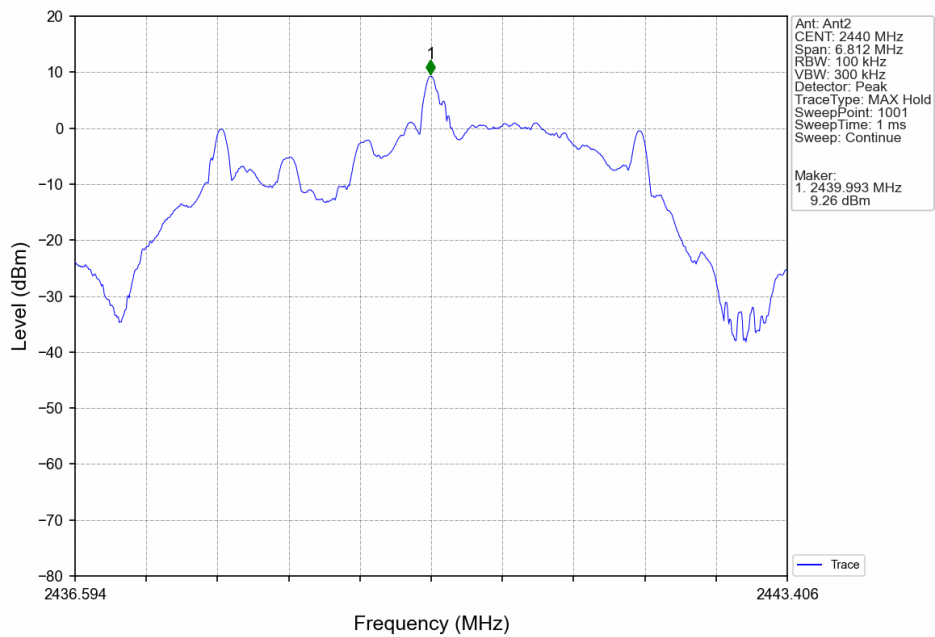
6.2.1 Ref



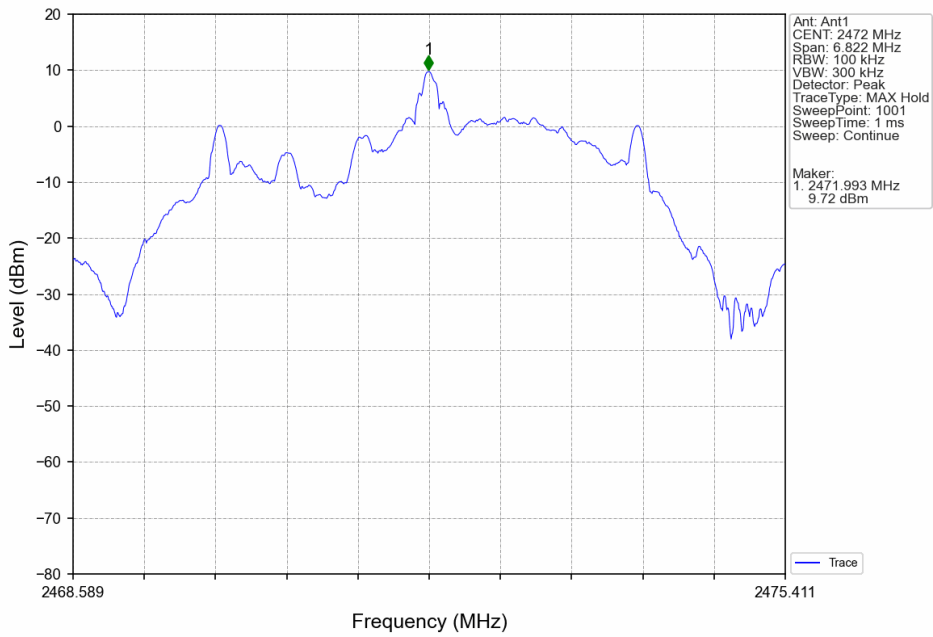
GMSK_MCH_2440MHz_Ant1_NTNV



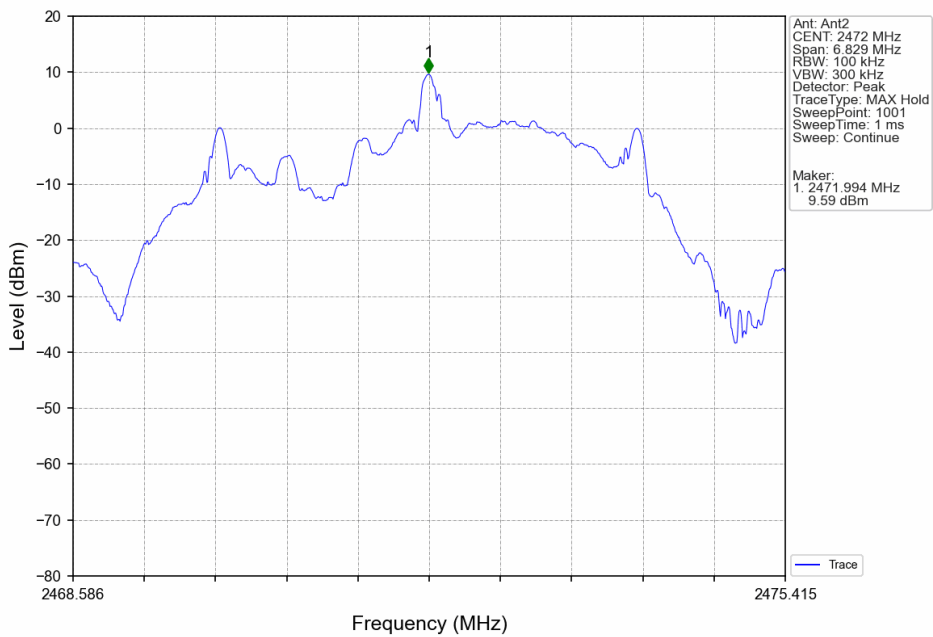
GMSK_MCH_2440MHz_Ant2_NTNV



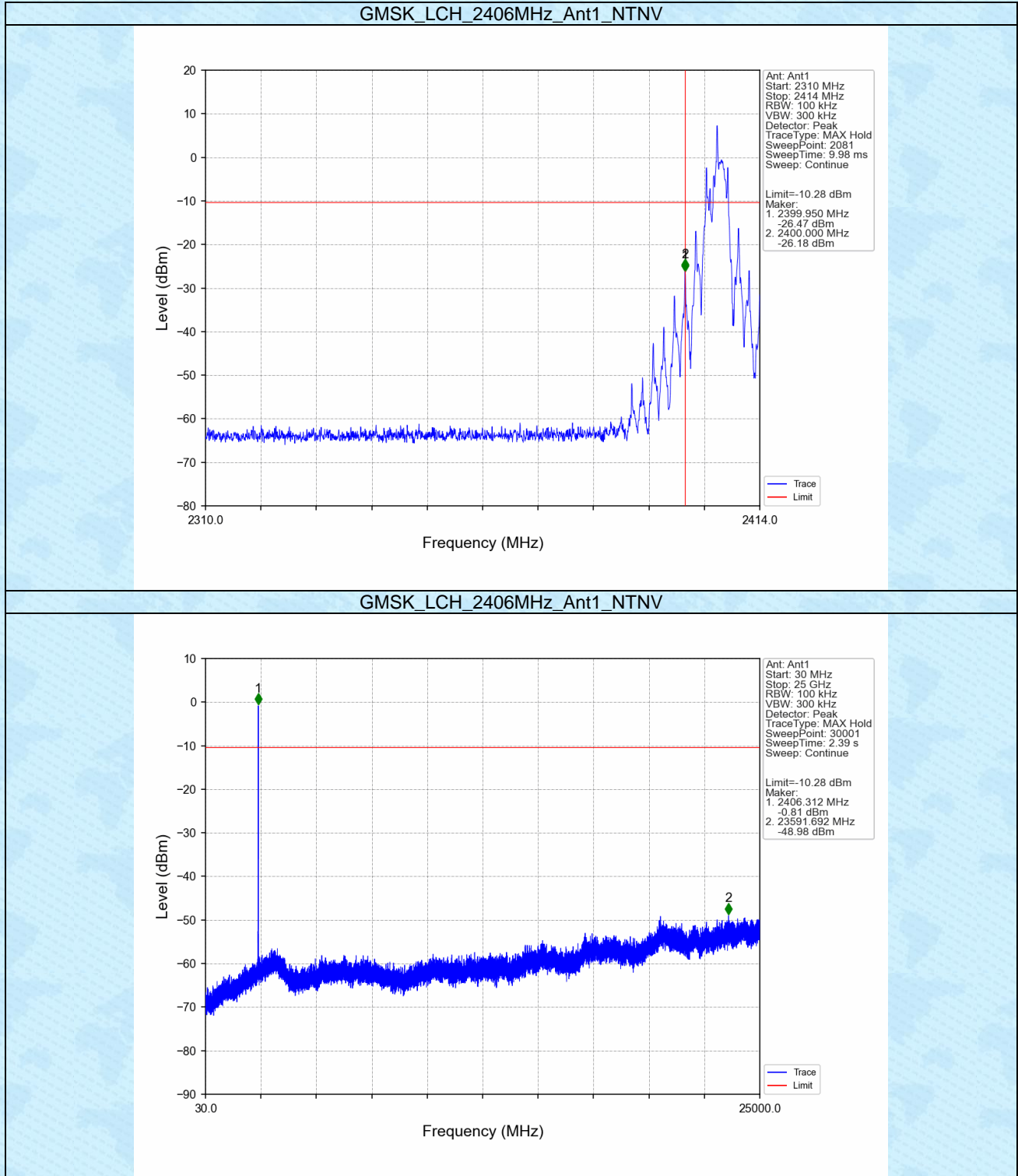
GMSK_HCH_2472MHz_Ant1_NTNV



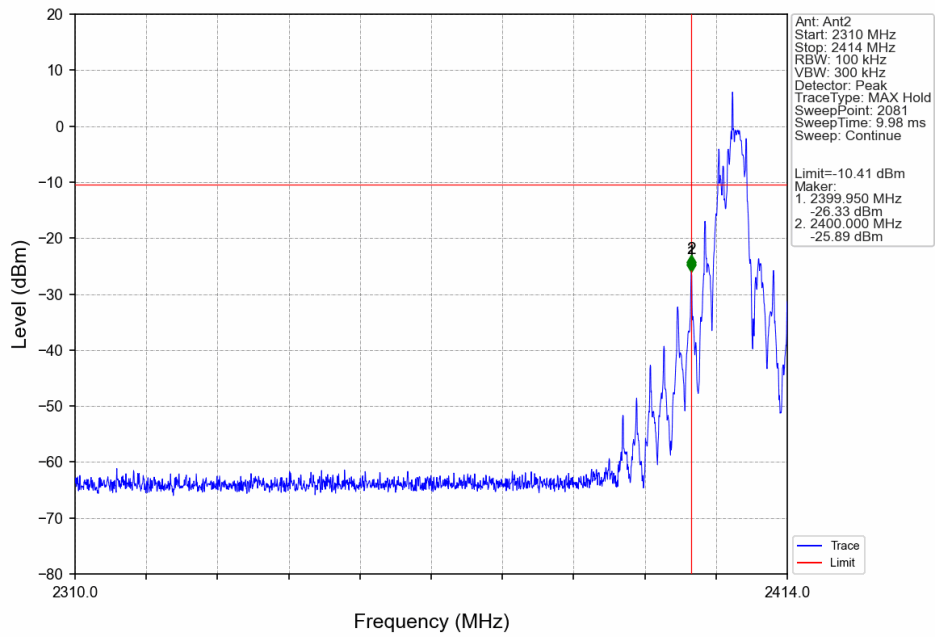
GMSK_HCH_2472MHz_Ant2_NTNV



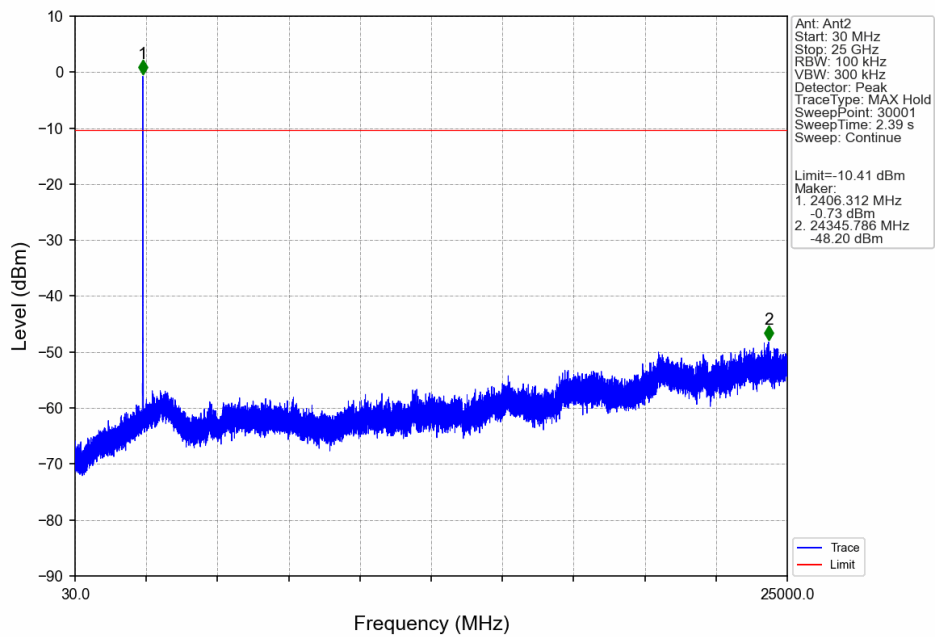
6.2.2 CSE



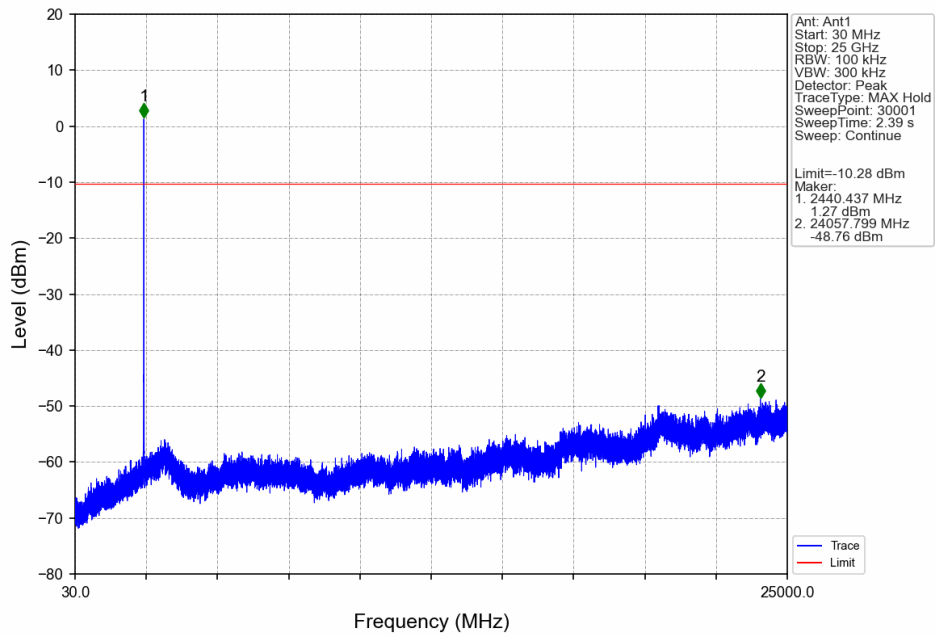
GMSK_LCH_2406MHz_Ant2_NTNV



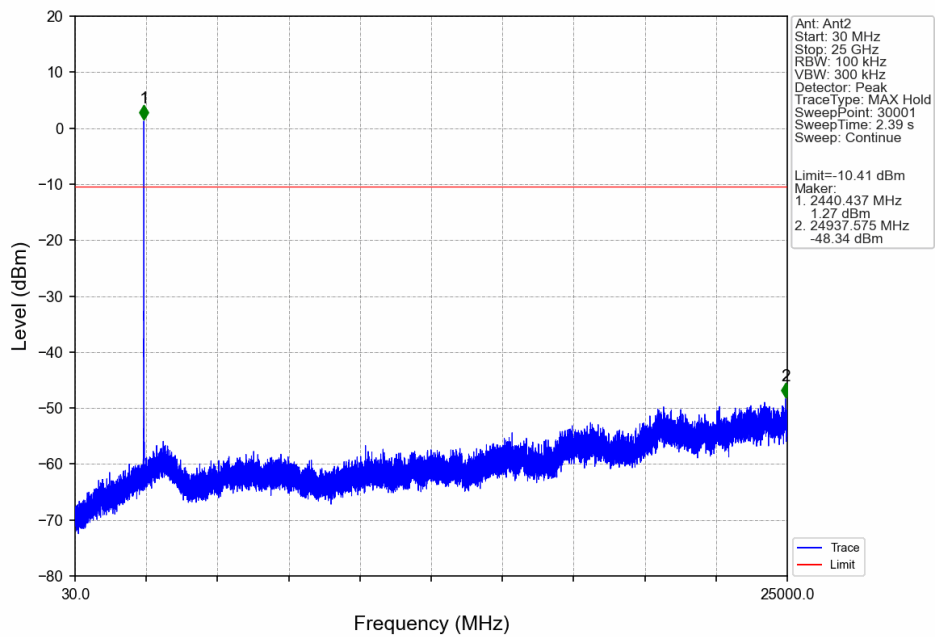
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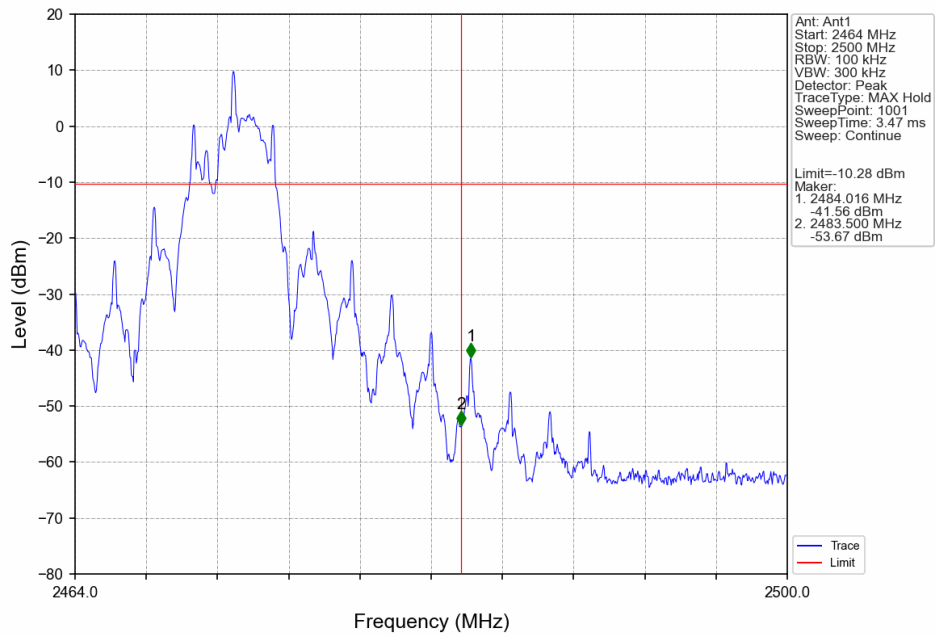
GMSK_MCH_2440MHz_Ant1_NTNV



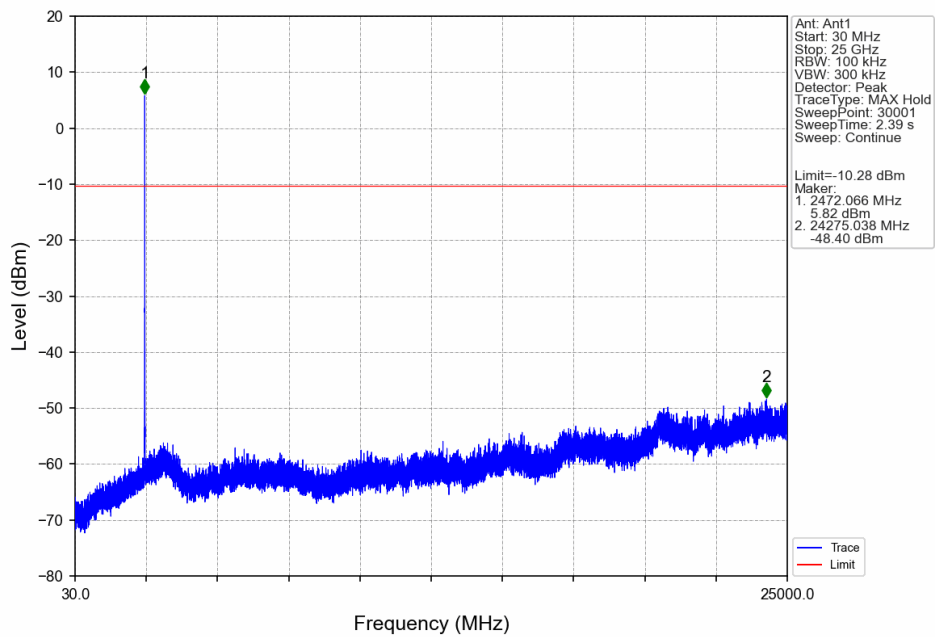
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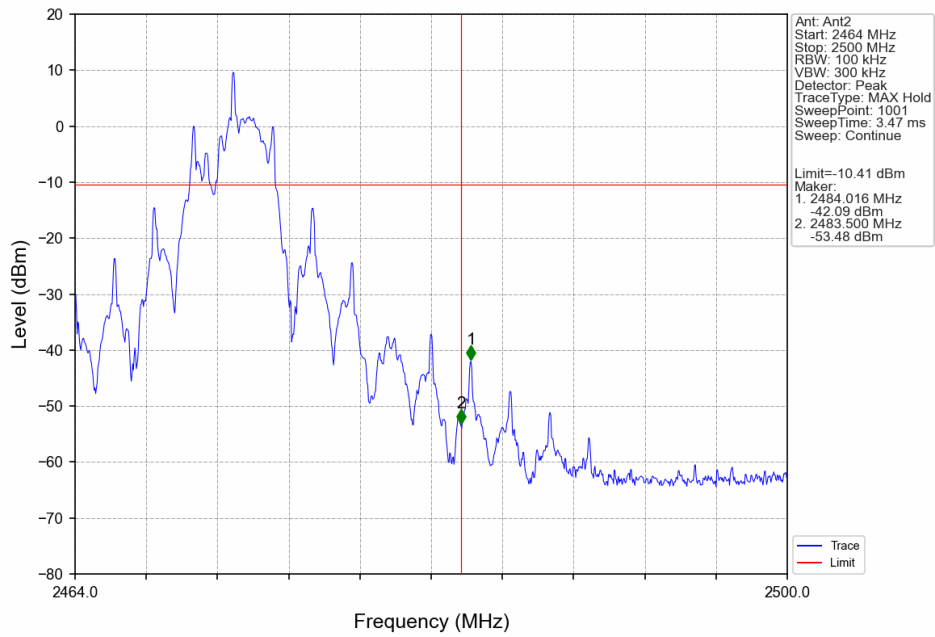
GMSK_HCH_2472MHz_Ant1_NTNV



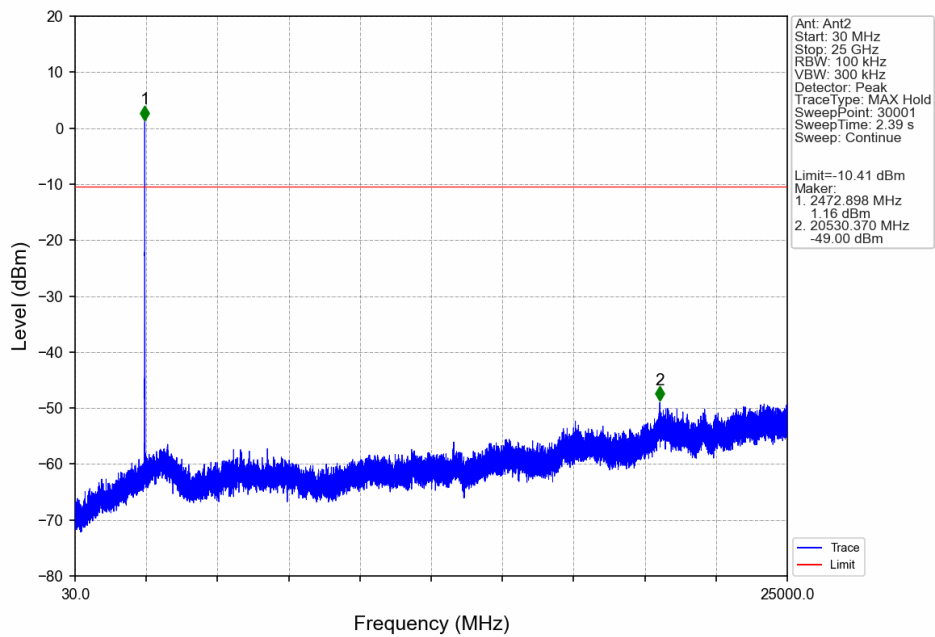
GMSK_HCH_2472MHz_Ant1_NTNV



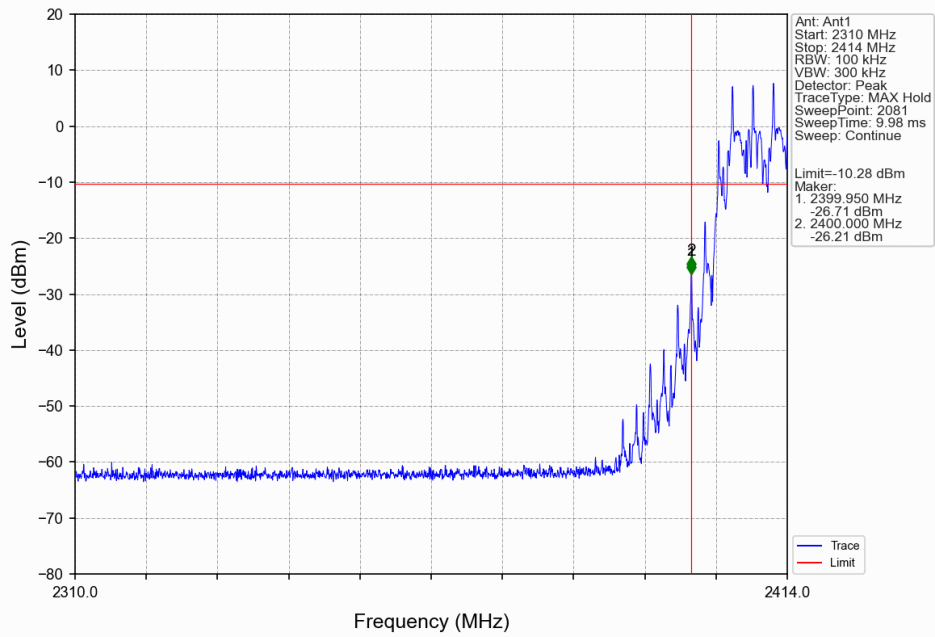
GMSK_HCH_2472MHz_Ant2_NTNV



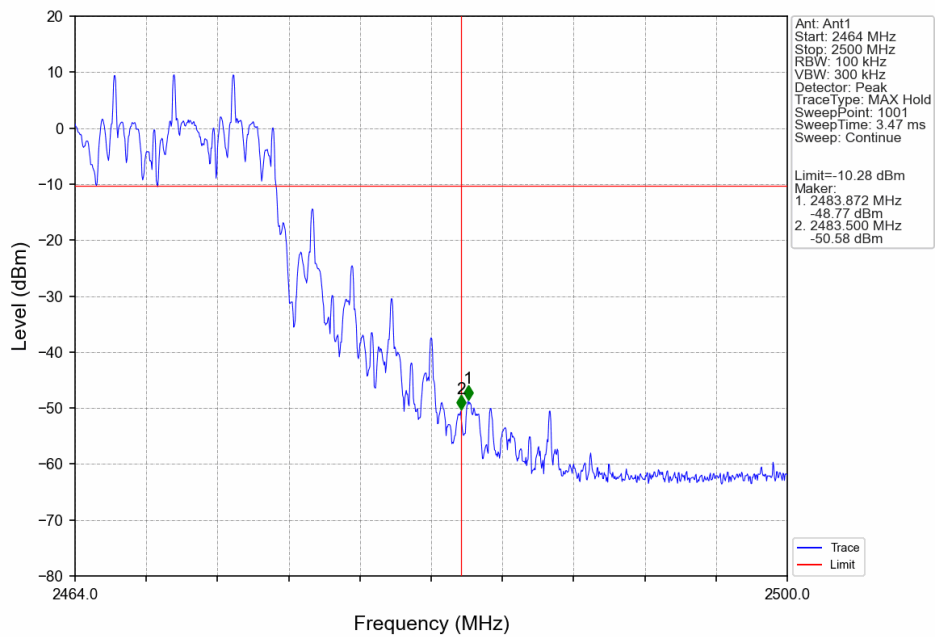
GMSK_HCH_2472MHz_Ant2_NTNV

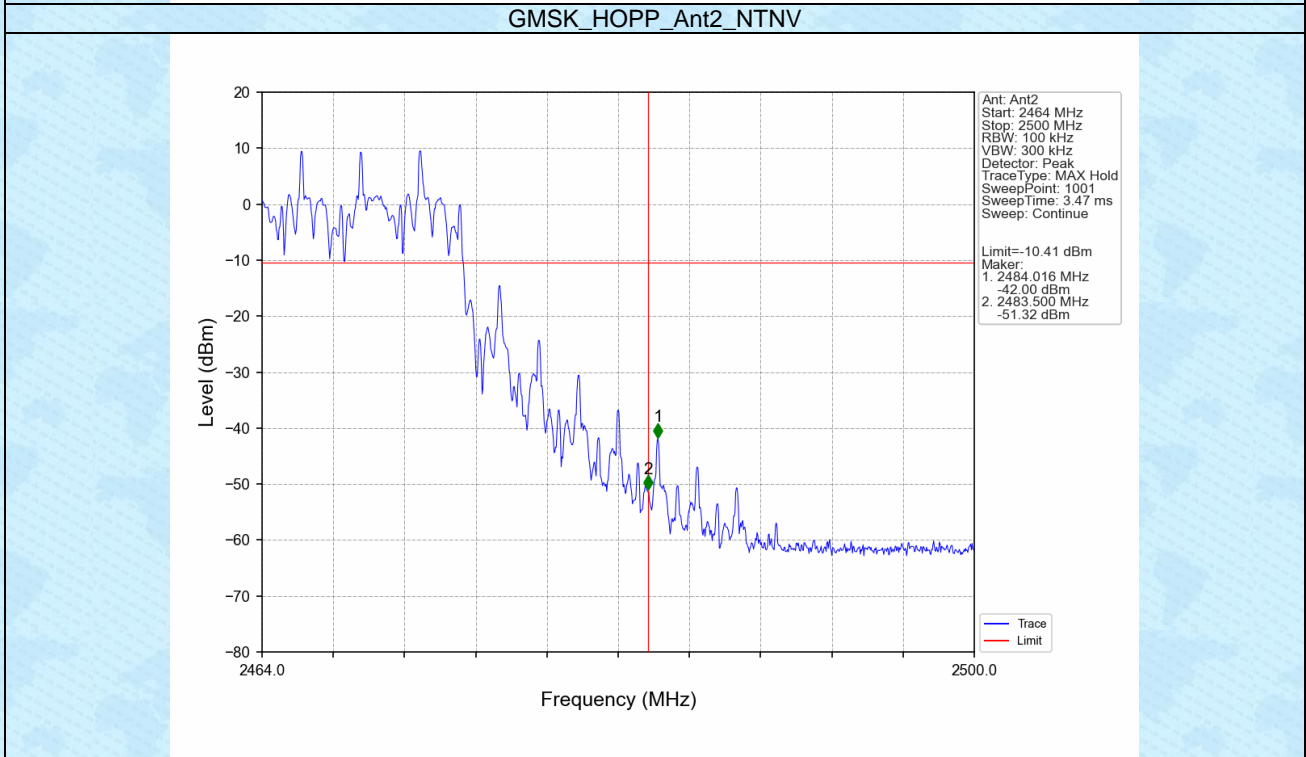
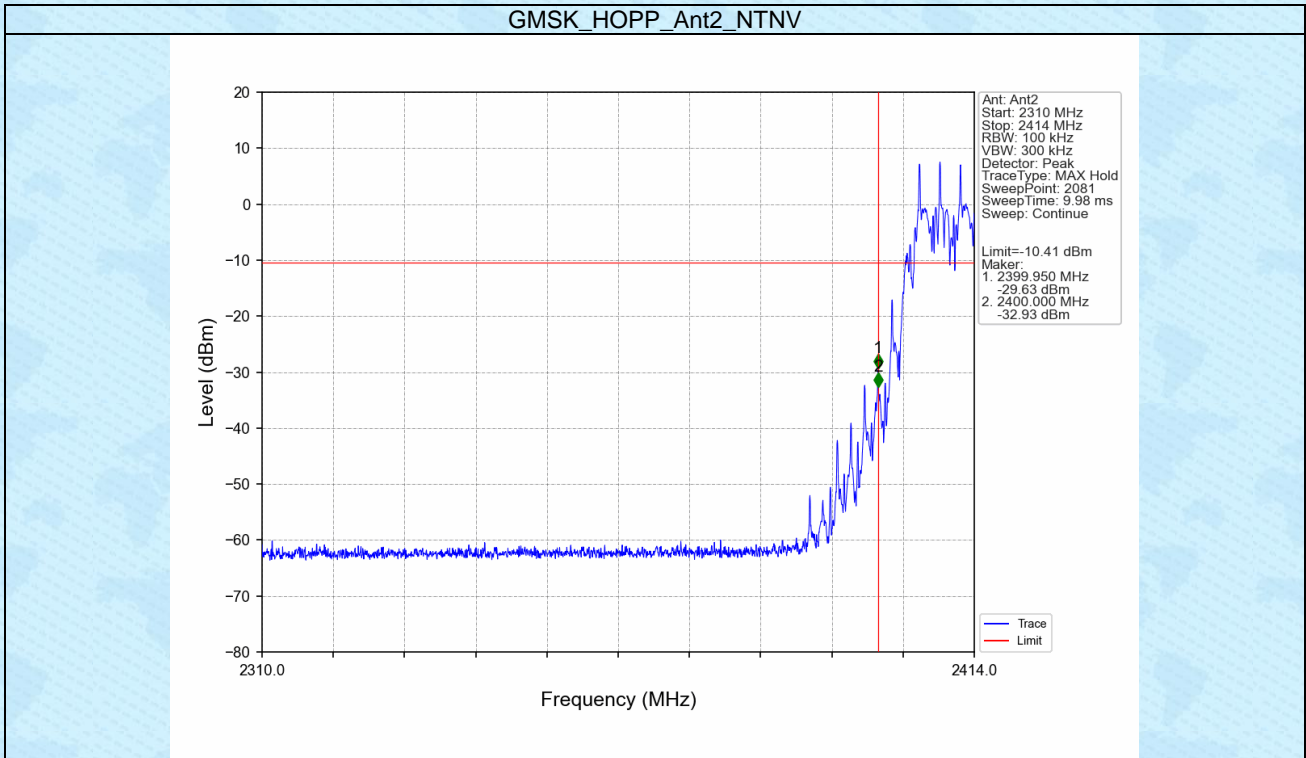


GMSK_HOPP_Ant1_NTNV



GMSK_HOPP_Ant1_NTNV





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