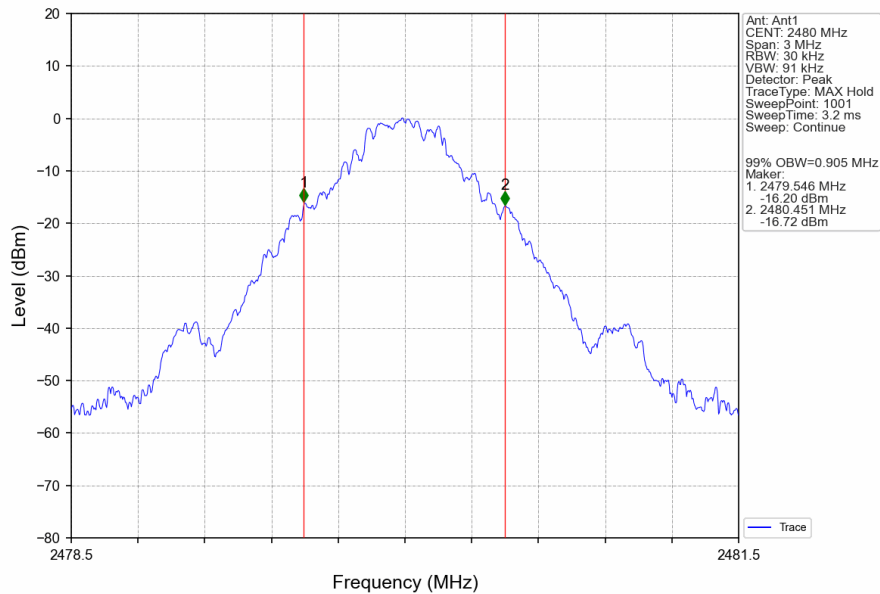
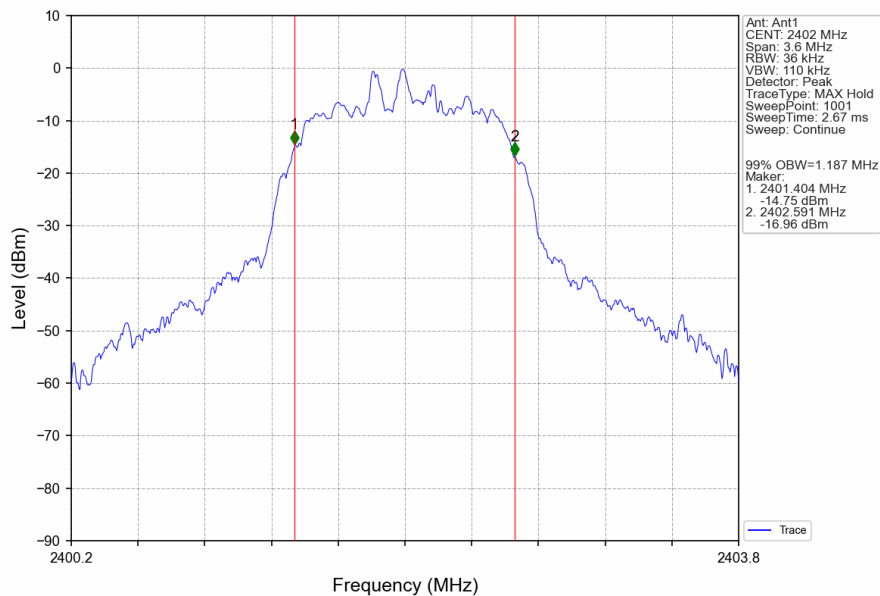


GFSK_DH5_HCH_2480MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



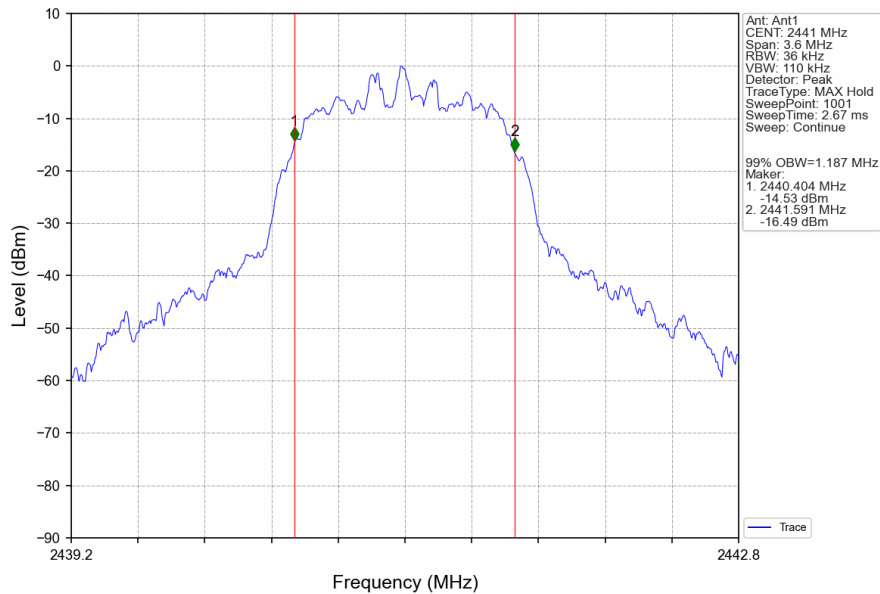
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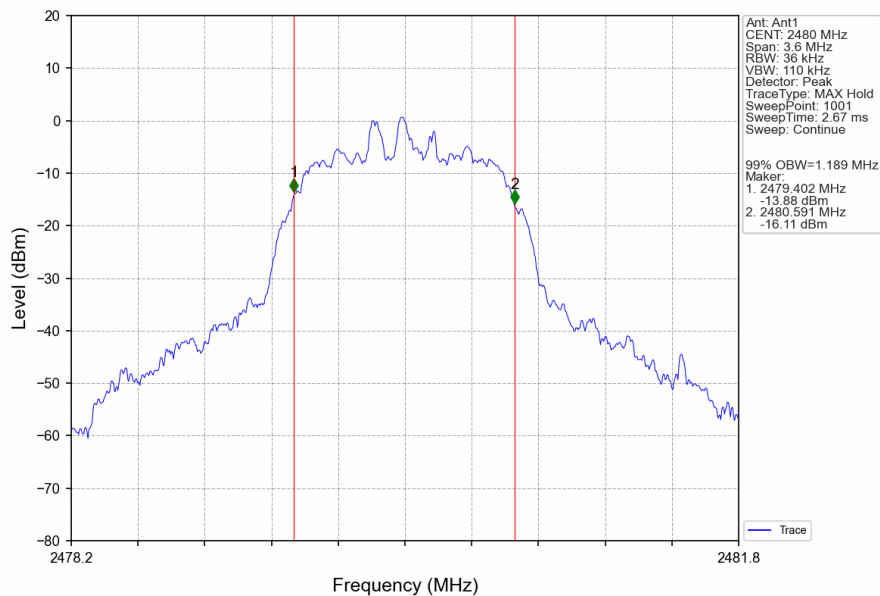
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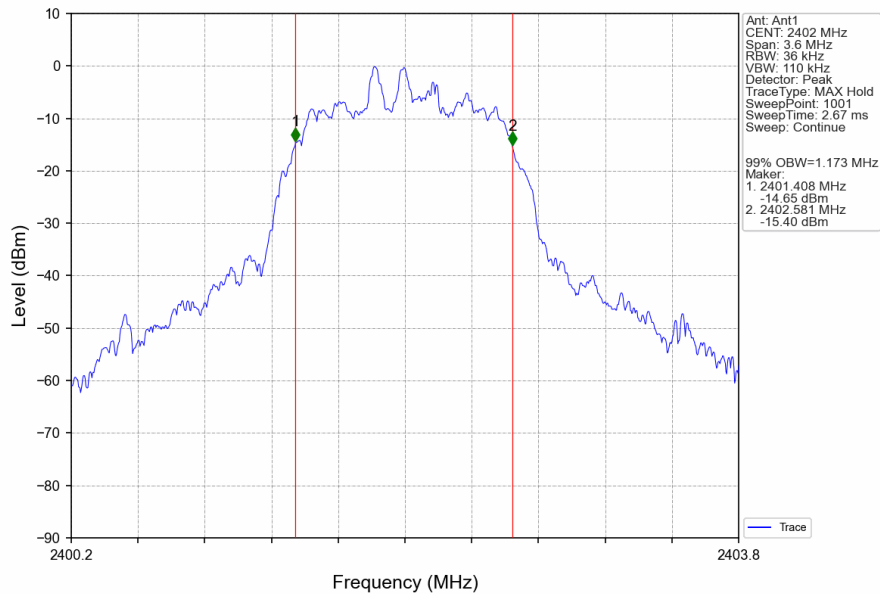
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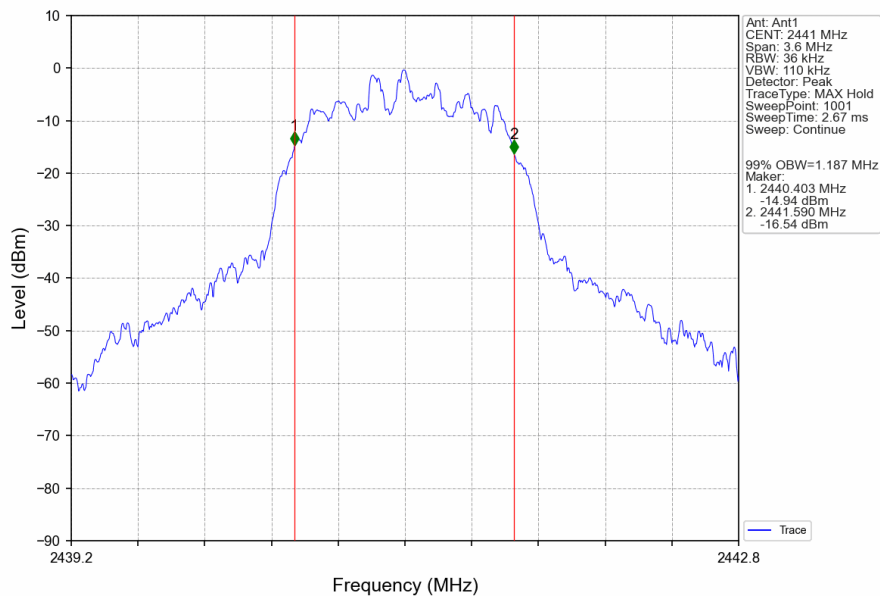
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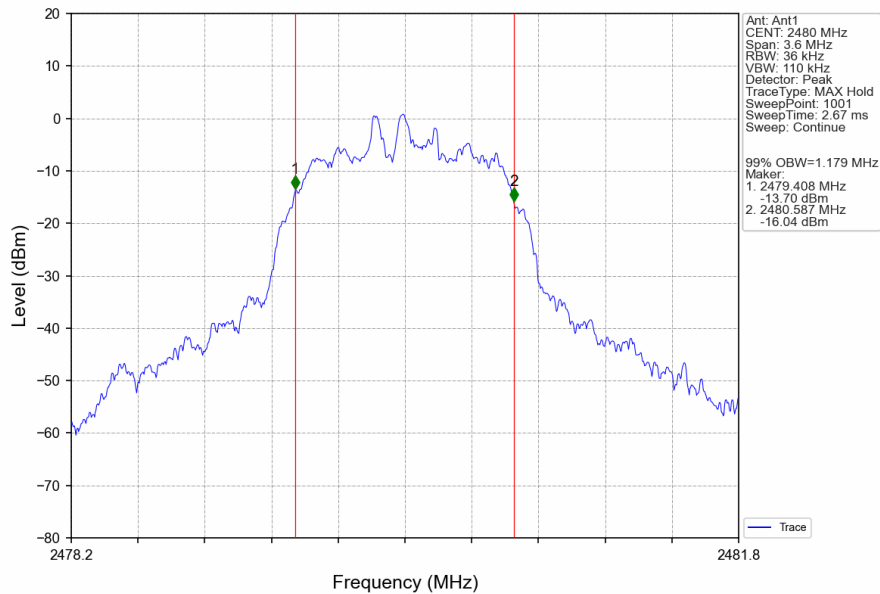
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



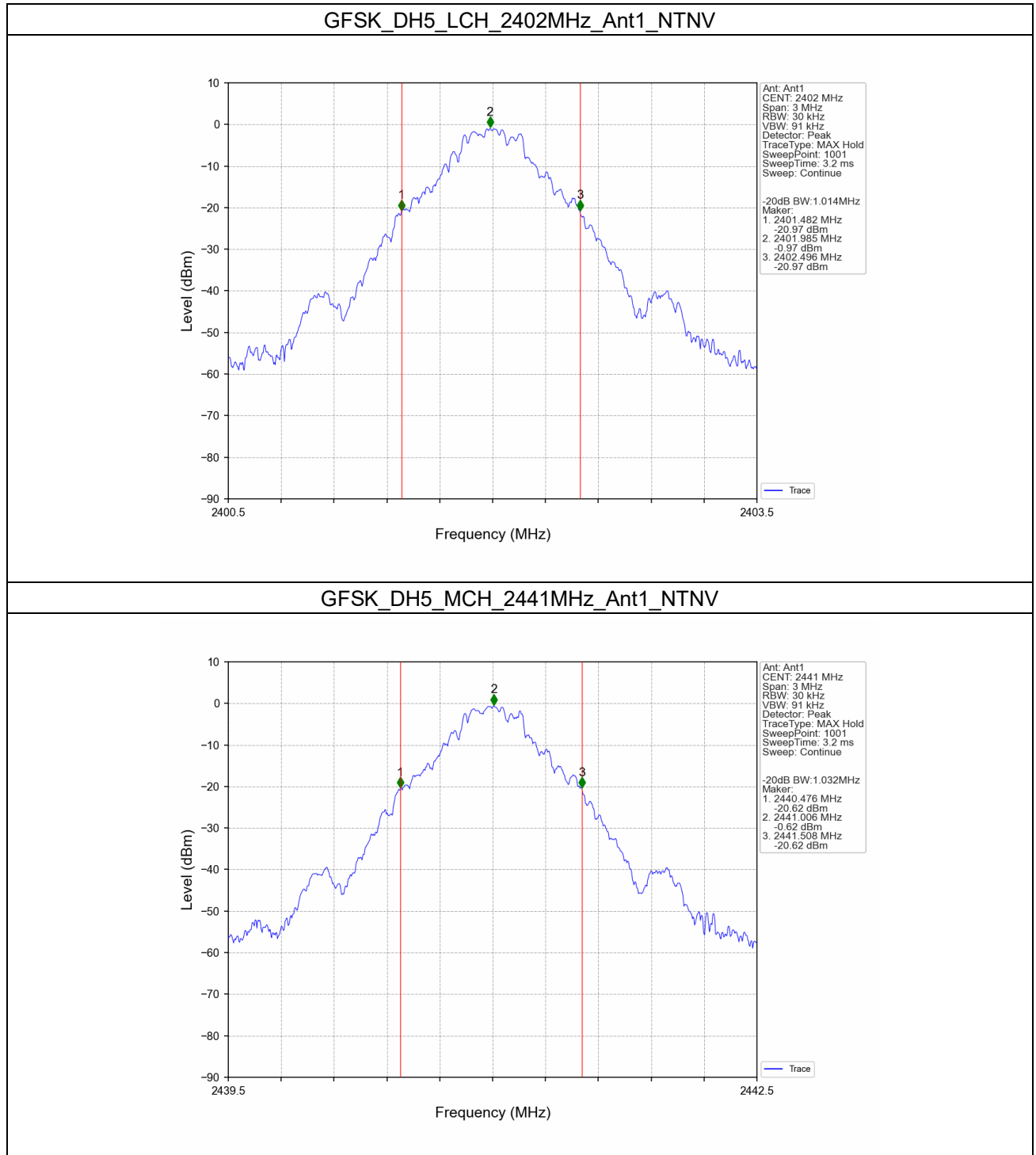
8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



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1.2.2 20dB BW



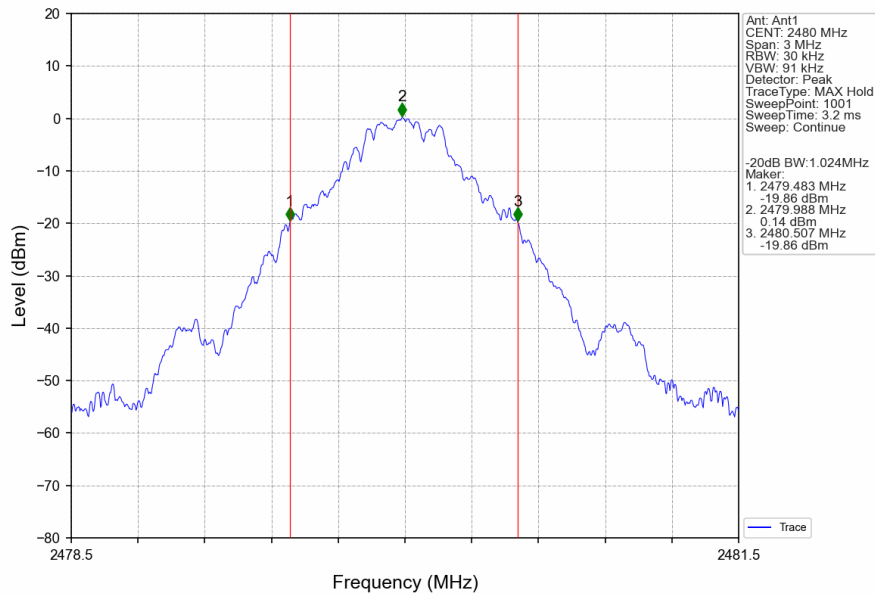
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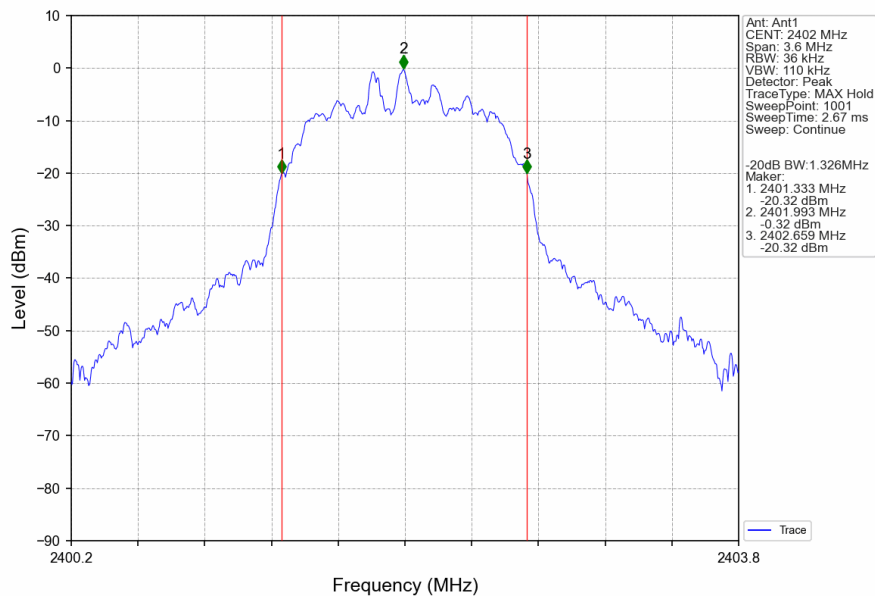
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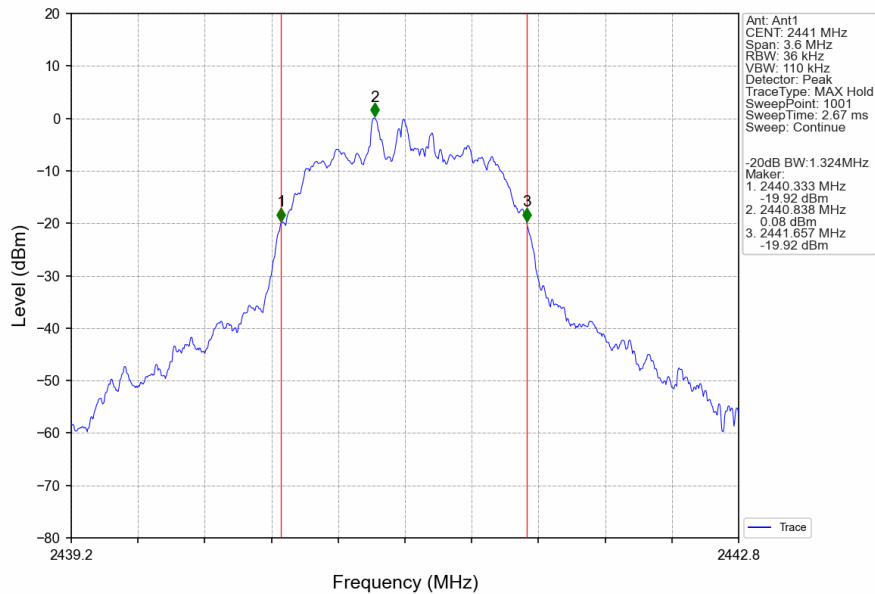
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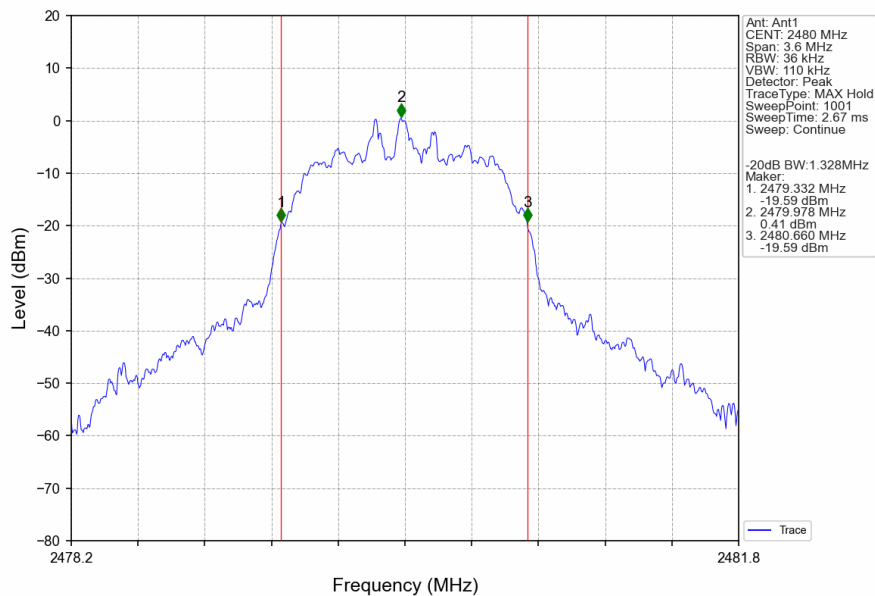
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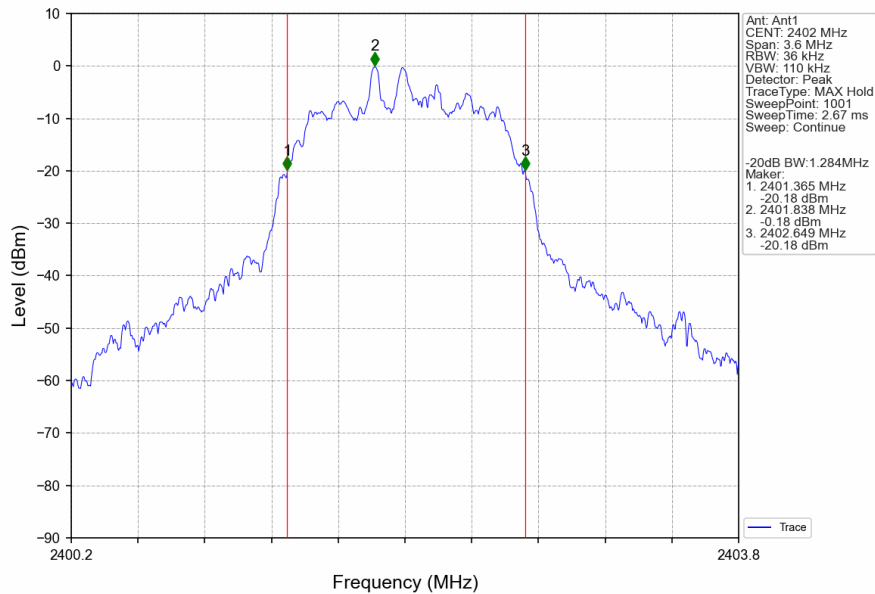
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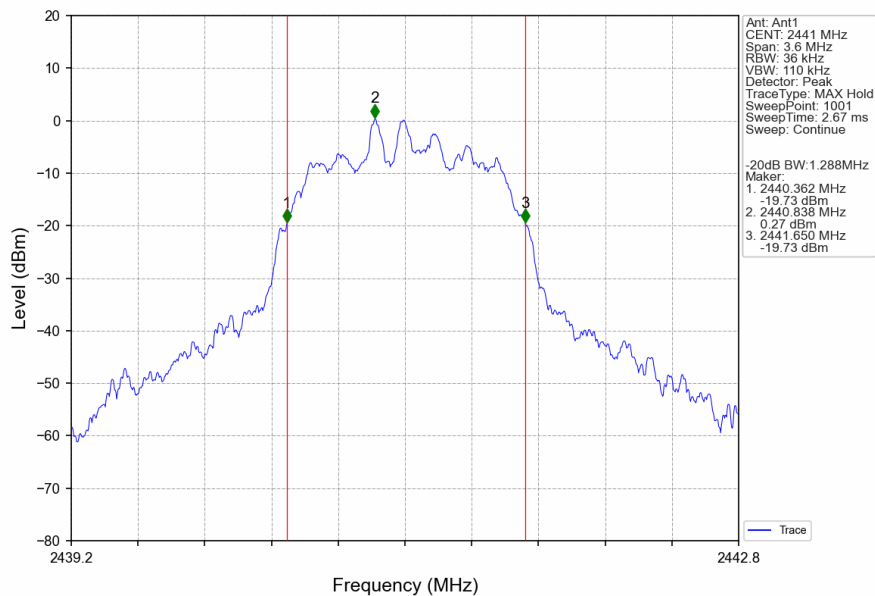
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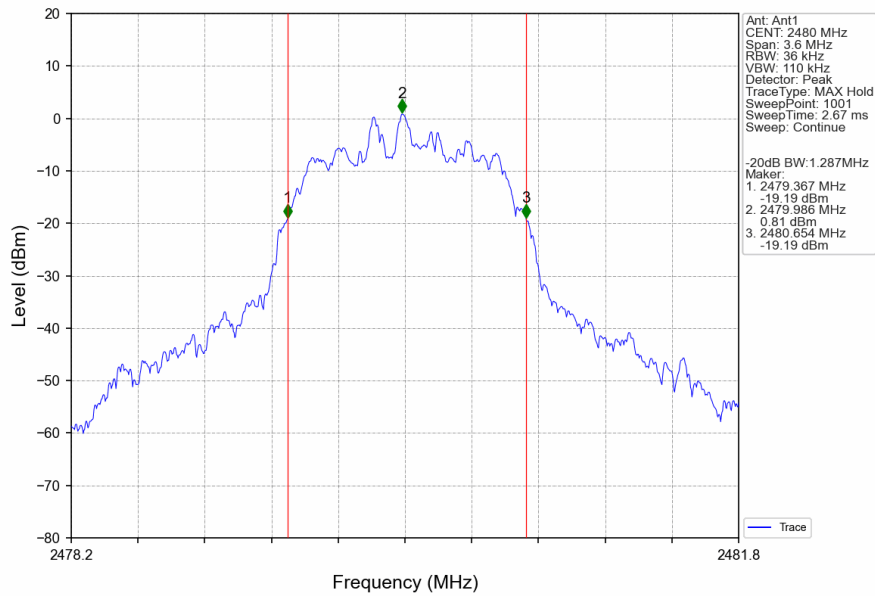
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



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2. Maximum Conducted Output Power

2.1 Test Result

2.1.1 Power

Mode	TX Type	Frequency (MHz)	Packet Type	Maximum Peak Conducted Output Power (dBm)		Verdict
				ANT1	Limit	
GFSK	SISO	2402	DH5	1.58	<=20.97	Pass
		2441	DH5	1.95	<=20.97	Pass
		2480	DH5	2.45	<=20.97	Pass
Pi/4DQPSK	SISO	2402	2DH5	2.37	<=20.97	Pass
		2441	2DH5	2.78	<=20.97	Pass
		2480	2DH5	3.21	<=20.97	Pass
8DPSK	SISO	2402	3DH5	2.48	<=20.97	Pass
		2441	3DH5	2.94	<=20.97	Pass
		2480	3DH5	3.43	<=20.97	Pass

Note1: Antenna Gain: Ant1: -2.36dBi;

3. Carrier Frequency Separation

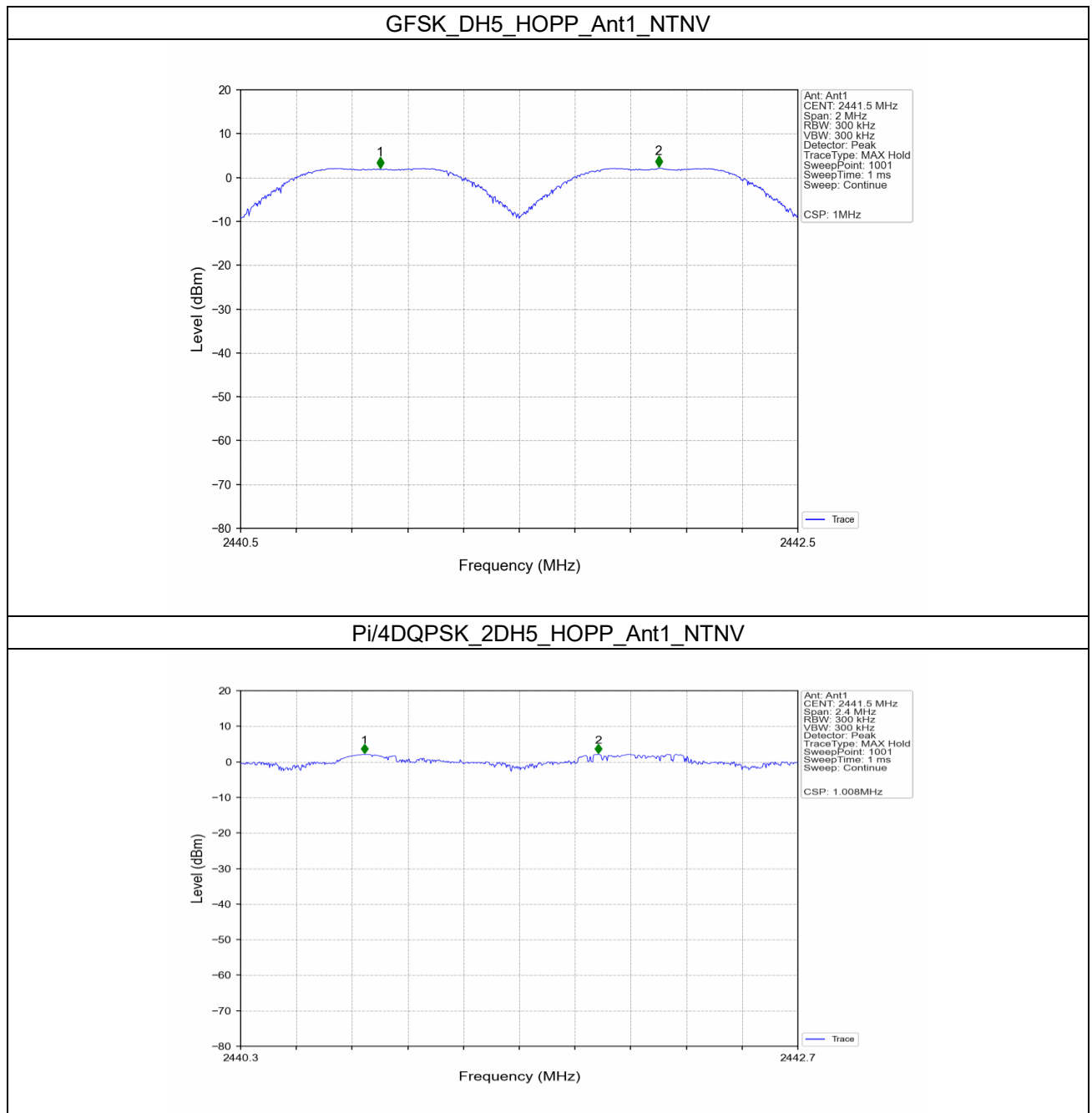
3.1 Test Result

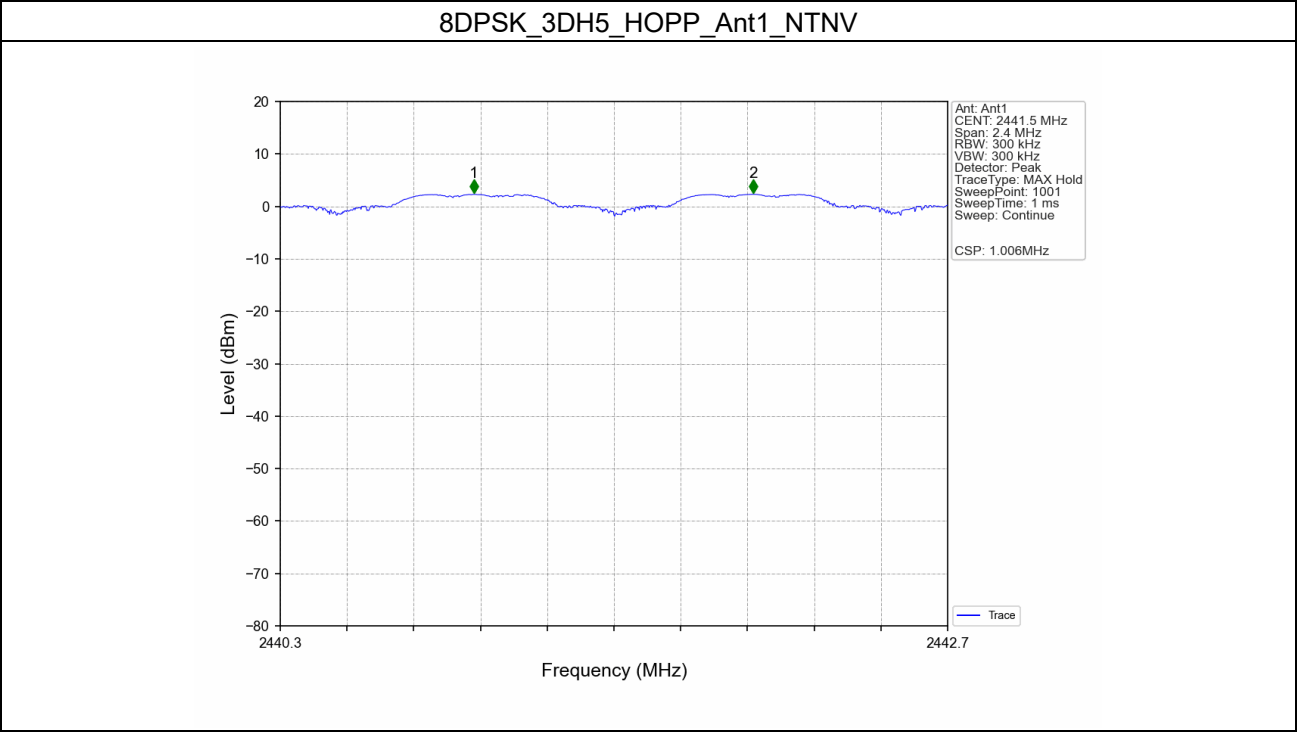
3.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	Packet Type	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
GFSK	SISO	HOPP	DH5	1.000	1.032	>=0.688	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	1.008	1.328	>=0.885	Pass
8DPSK	SISO	HOPP	3DH5	1.006	1.288	>=0.859	Pass

3.2 Test Graph

3.2.1 Ant1





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4. Number of Hopping Frequencies

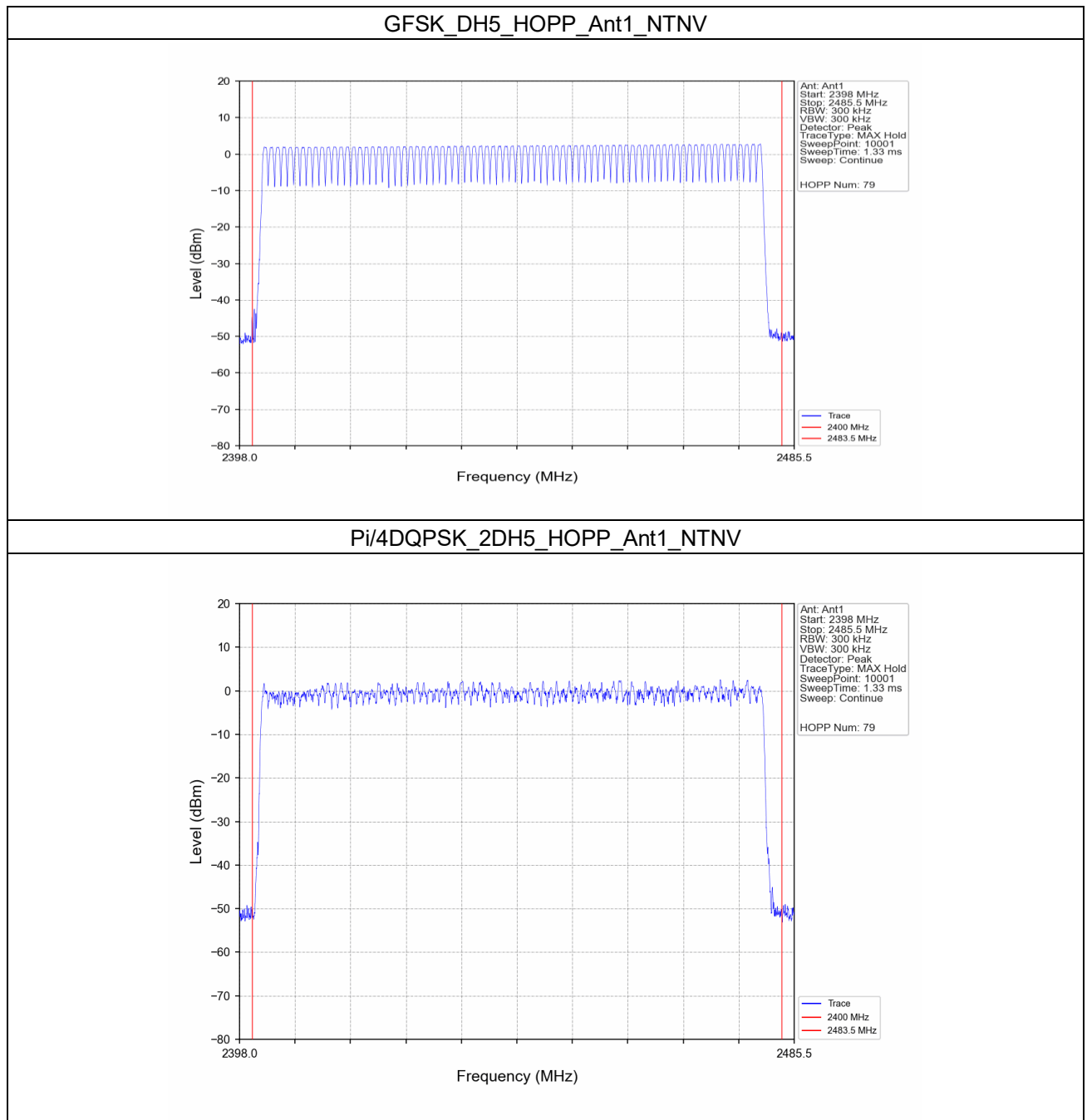
4.1 Test Result

4.1.1 HoppNum

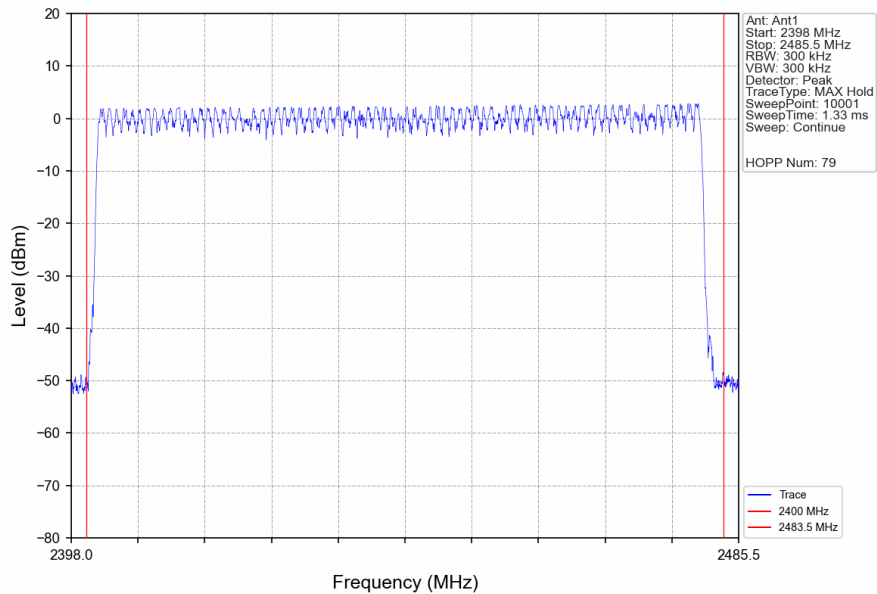
Mode	TX Type	Frequency (MHz)	Packet Type	Num of Hopping Frequencies		Verdict
				ANT1	Limit	
GFSK	SISO	HOPP	DH5	79	≥ 15	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	79	≥ 15	Pass
8DPSK	SISO	HOPP	3DH5	79	≥ 15	Pass

4.2 Test Graph

4.2.1 HoppNum



8DPSK_3DH5_HOPP_Ant1_NTNV



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5. Time of Occupancy (Dwell Time)

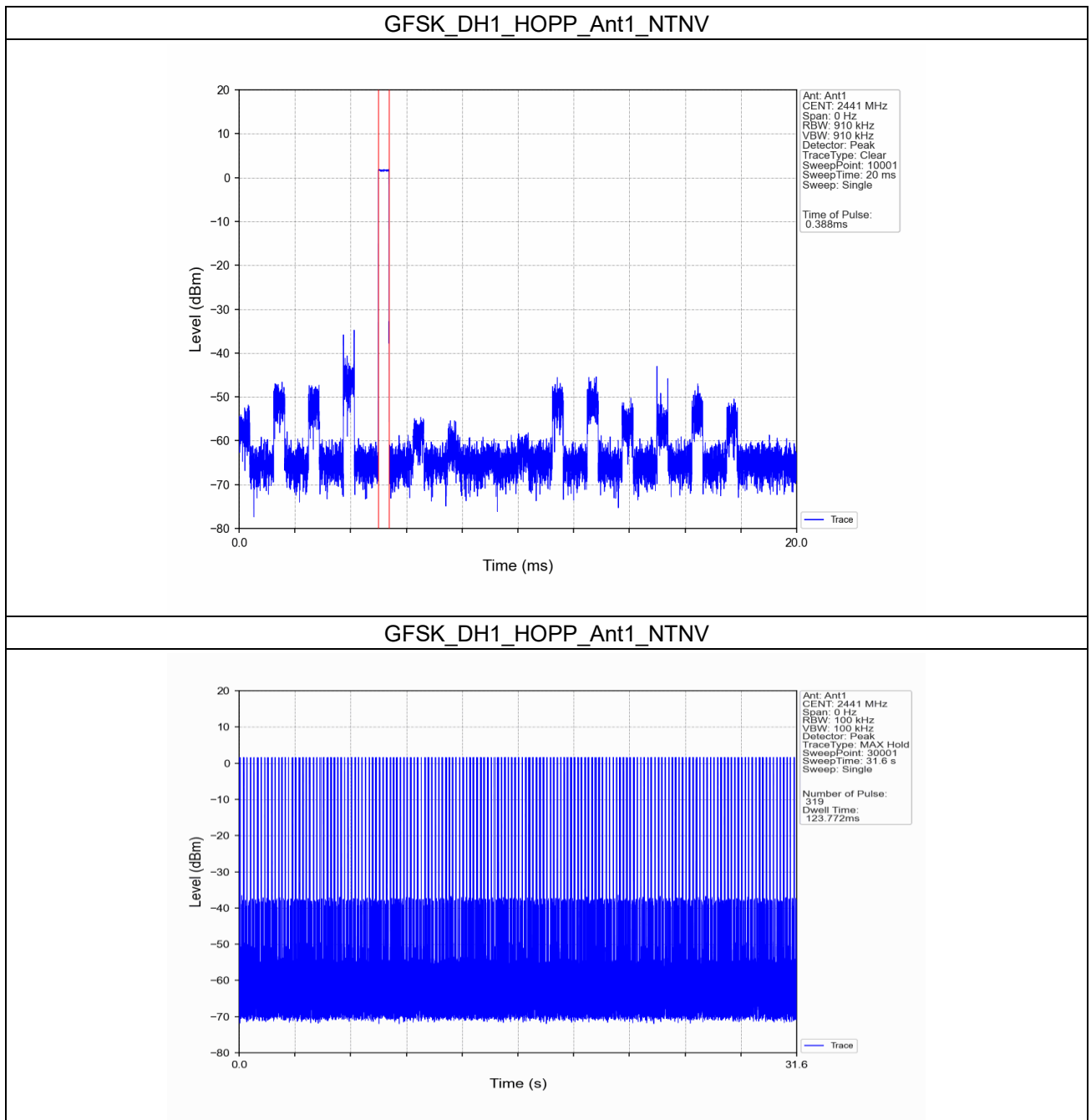
5.1 Test Result

5.1.1 Ant1

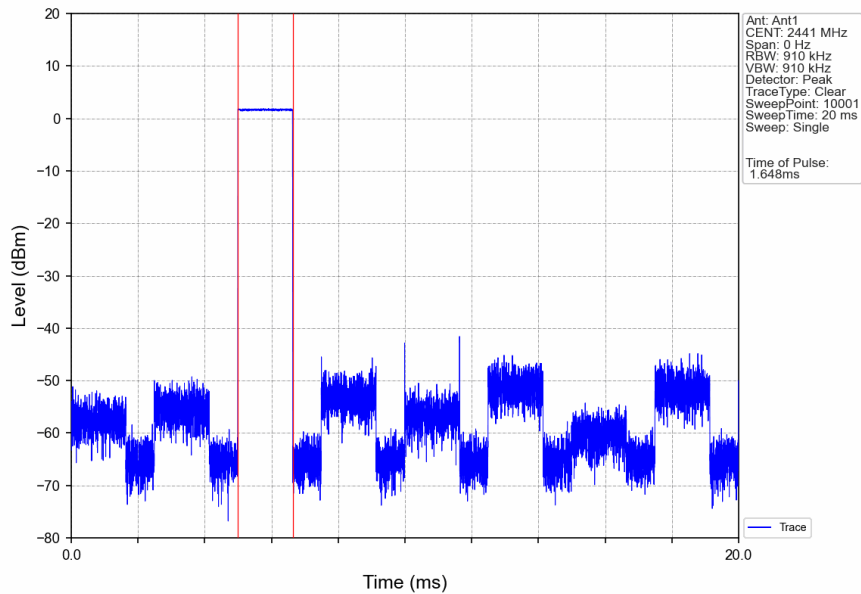
Ant1									
Mode	TX Type	Frequency (MHz)	Packet Type	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limit (ms)	Verdict
GFSK	SISO	HOPP	DH1	0.388	31.600	319	123.772	<=400	Pass
			DH3	1.648	31.600	160	263.680	<=400	Pass
			DH5	2.896	31.600	105	304.080	<=400	Pass
Pi/4DQPSK	SISO	HOPP	2DH1	0.396	31.600	319	126.324	<=400	Pass
			2DH3	1.650	31.600	154	254.100	<=400	Pass
			2DH5	2.902	31.600	105	304.710	<=400	Pass
8DPSK	SISO	HOPP	3DH1	0.400	31.600	320	128.000	<=400	Pass
			3DH3	1.638	31.600	161	263.718	<=400	Pass
			3DH5	2.890	31.600	115	332.350	<=400	Pass

5.2 Test Graph

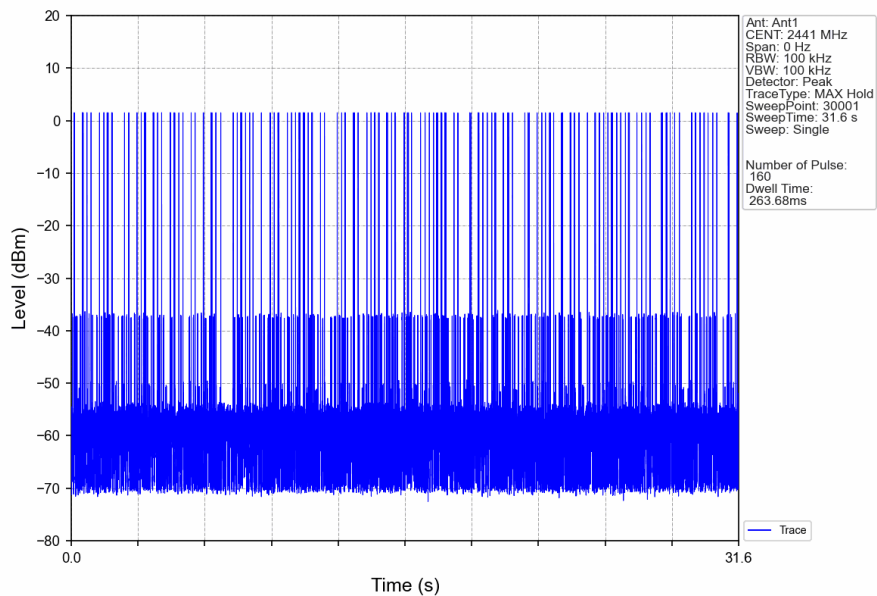
5.2.1 Ant1



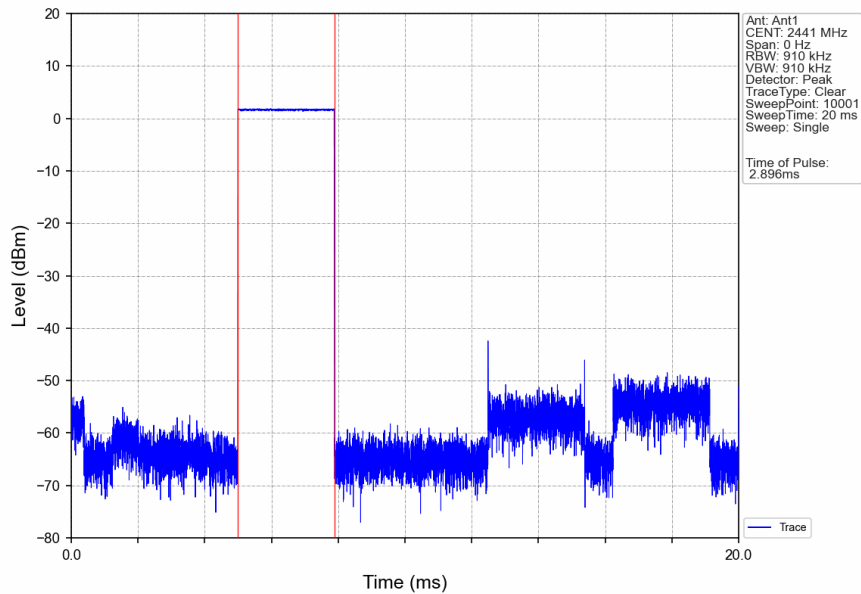
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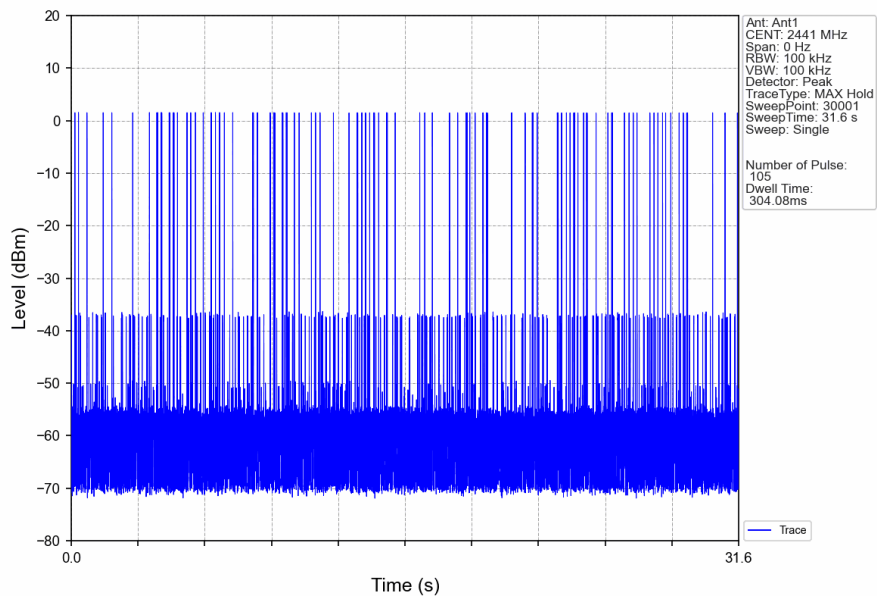
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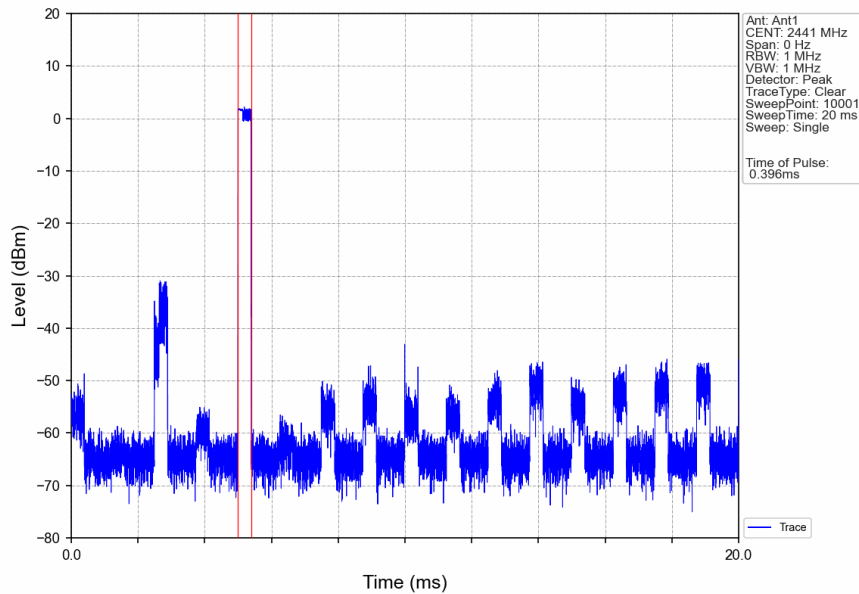
GFSK_DH5_HOPP_Ant1_NTNV



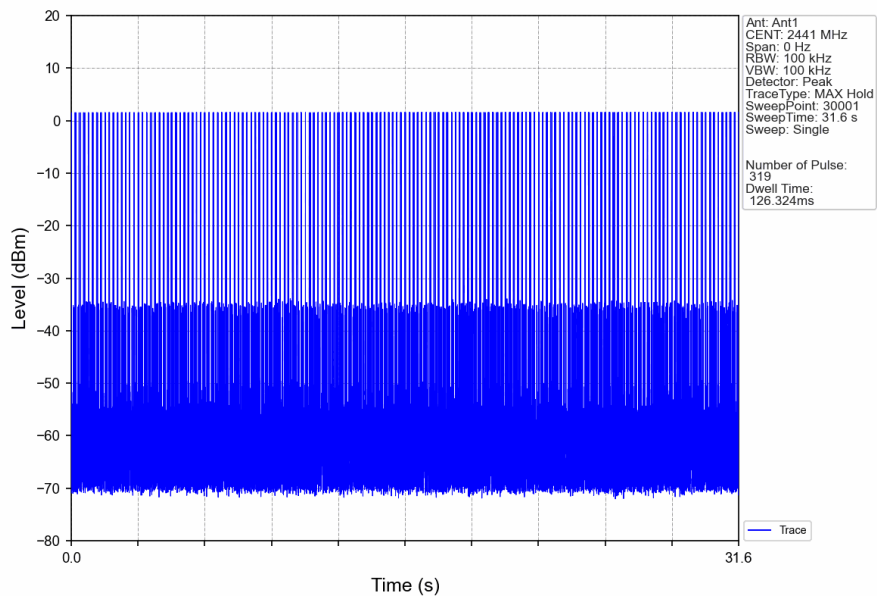
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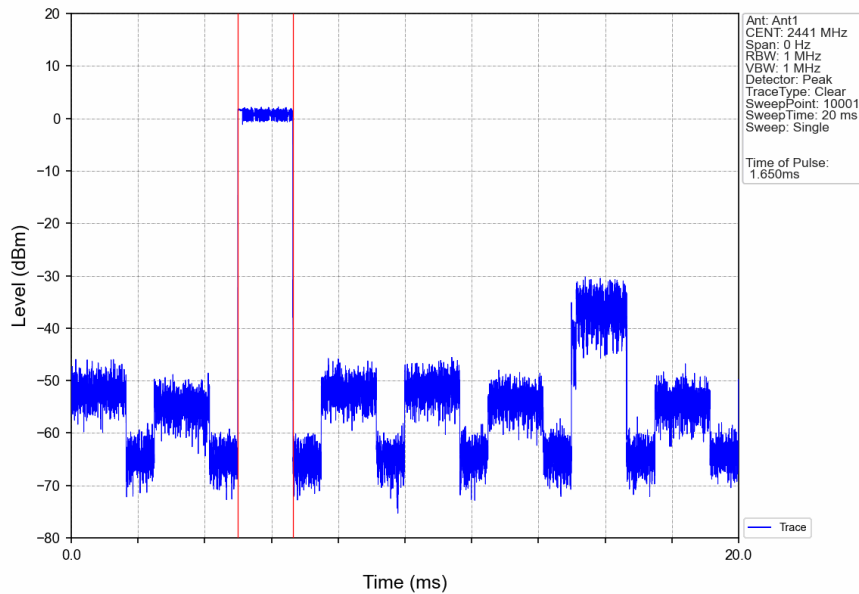
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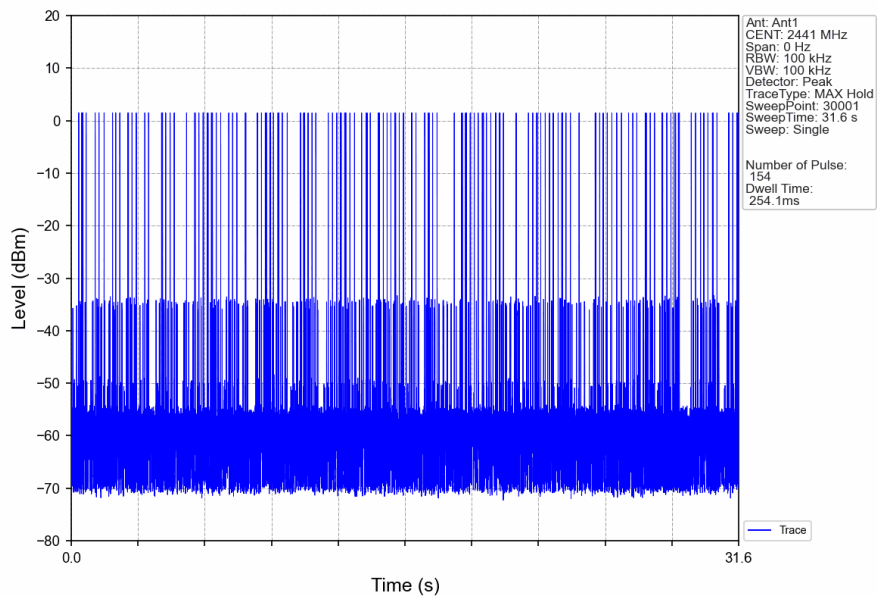
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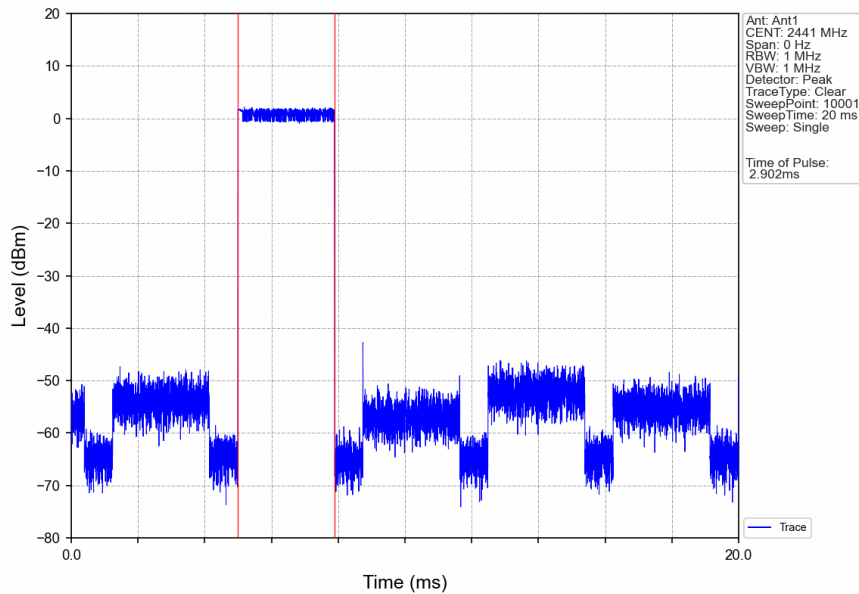
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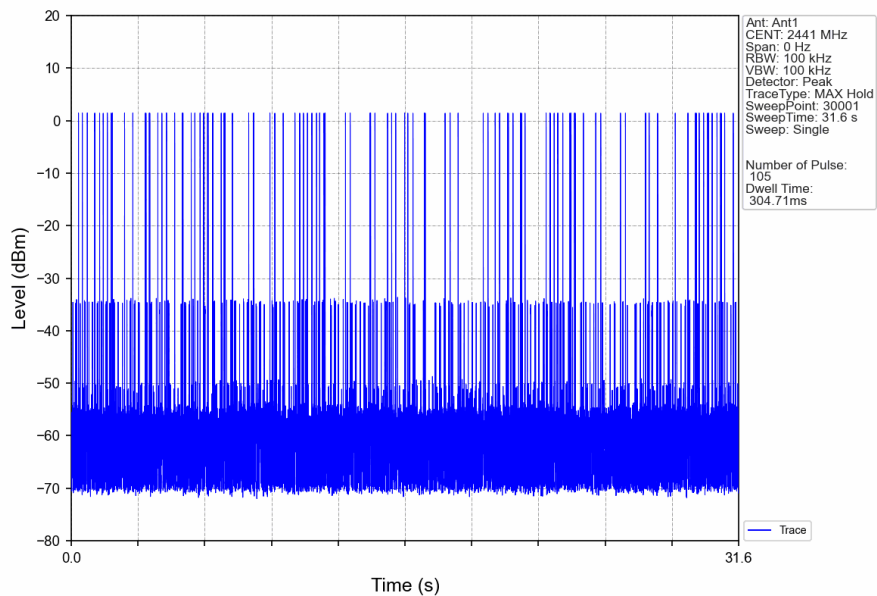
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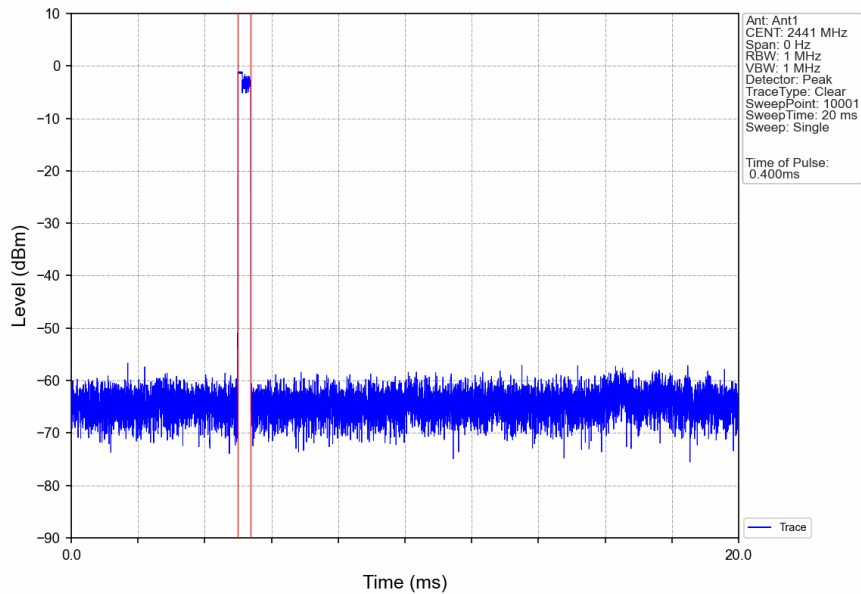
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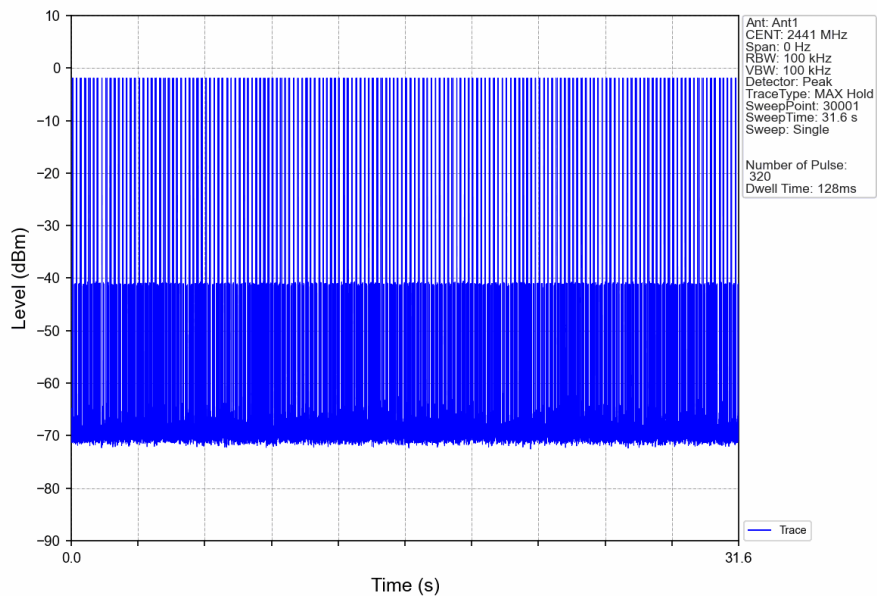
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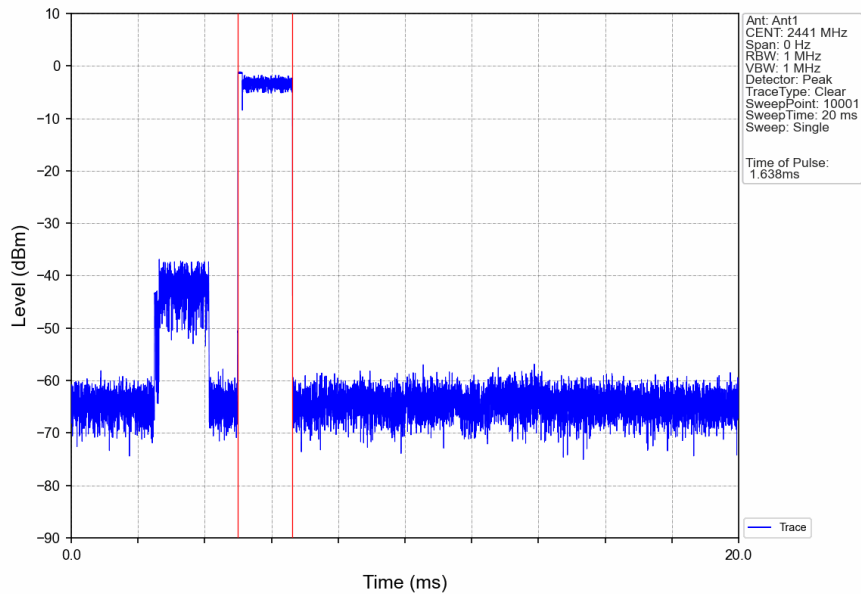
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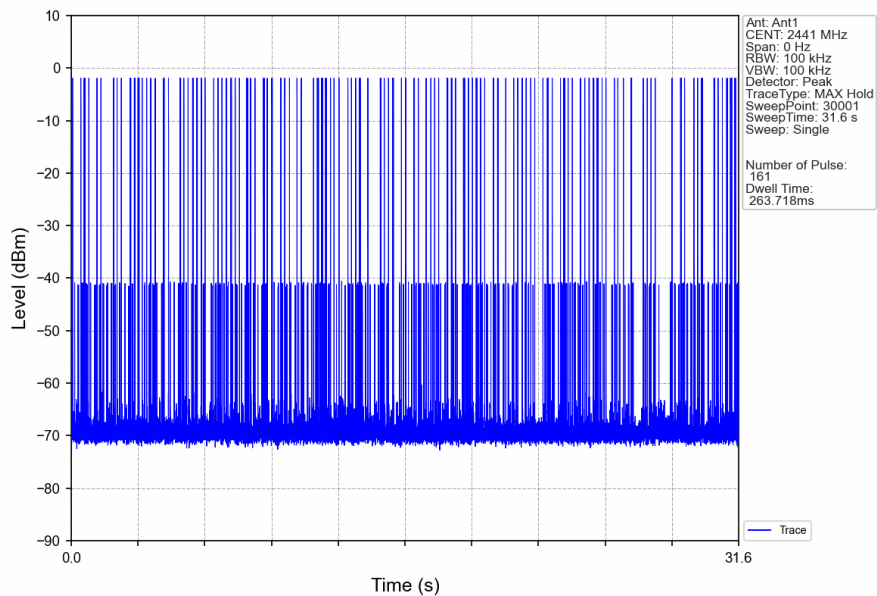
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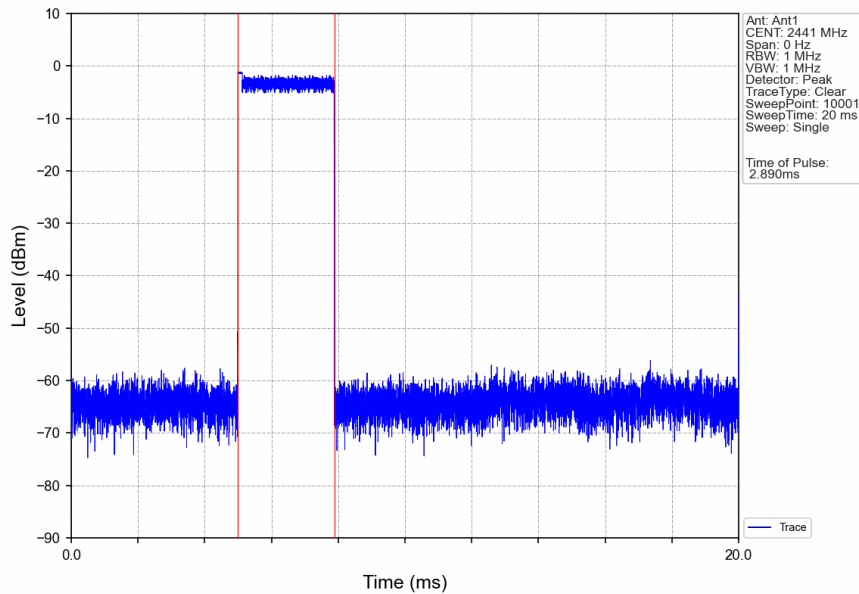
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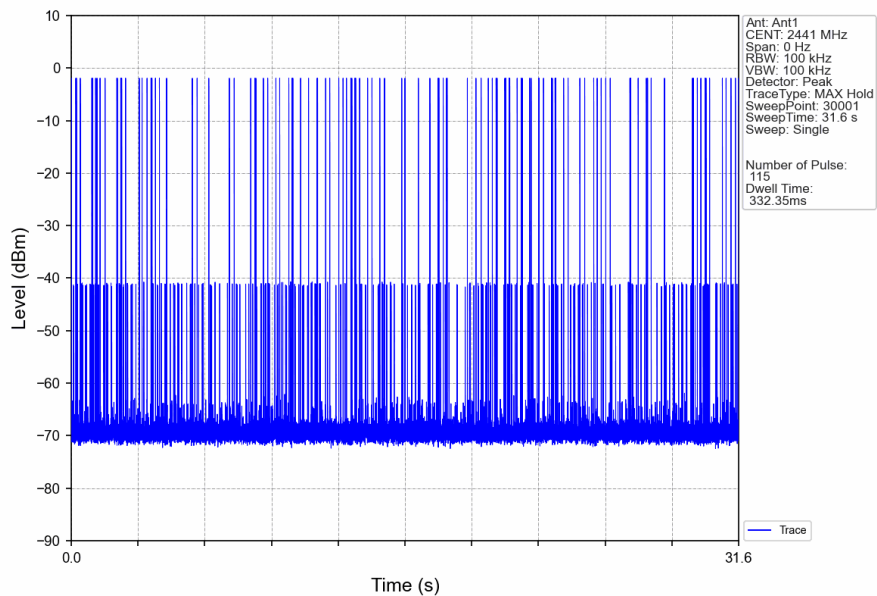
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8DPSK_3DH5_HOPP_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV



6. Unwanted Emissions In Non-restricted Frequency Bands

6.1 Test Result

6.1.1 Ref

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)
GFSK	SISO	2402	DH5	1	1.38
		2441	DH5	1	1.72
		2480	DH5	1	2.13
Pi/4DQPSK	SISO	2402	2DH5	1	1.32
		2441	2DH5	1	1.70
		2480	2DH5	1	2.10
8DPSK	SISO	2402	3DH5	1	1.47
		2441	3DH5	1	1.85
		2480	3DH5	1	2.29

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.

6.1.2 CSE

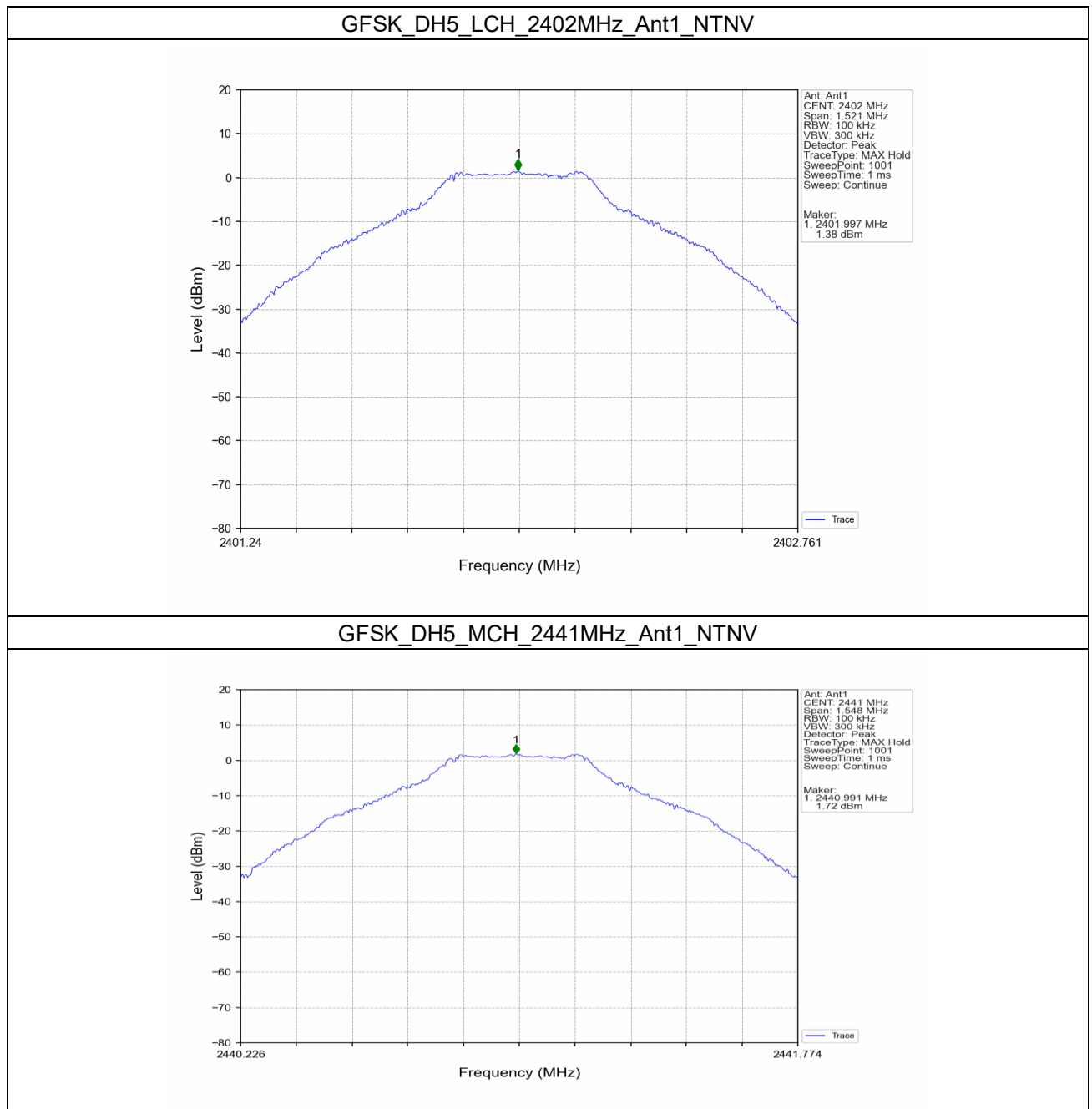
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	DH5	1	2.13	-17.87	Pass
		2441	DH5	1	2.13	-17.87	Pass
		2480	DH5	1	2.13	-17.87	Pass
		HOPP	DH5	1	2.13	-17.87	Pass
					2.13	-17.87	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	2.10	-17.90	Pass
		2441	2DH5	1	2.10	-17.90	Pass
		2480	2DH5	1	2.10	-17.90	Pass
		HOPP	2DH5	1	2.10	-17.90	Pass
					2.10	-17.90	Pass
8DPSK	SISO	2402	3DH5	1	2.29	-17.71	Pass
		2441	3DH5	1	2.29	-17.71	Pass
		2480	3DH5	1	2.29	-17.71	Pass
		HOPP	3DH5	1	2.29	-17.71	Pass
					2.29	-17.71	Pass

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.

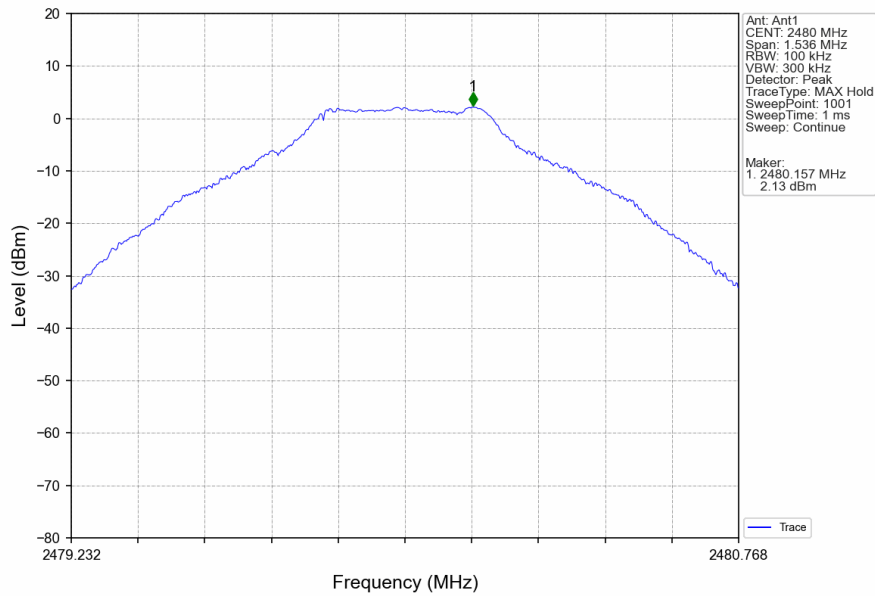


6.2 Test Graph

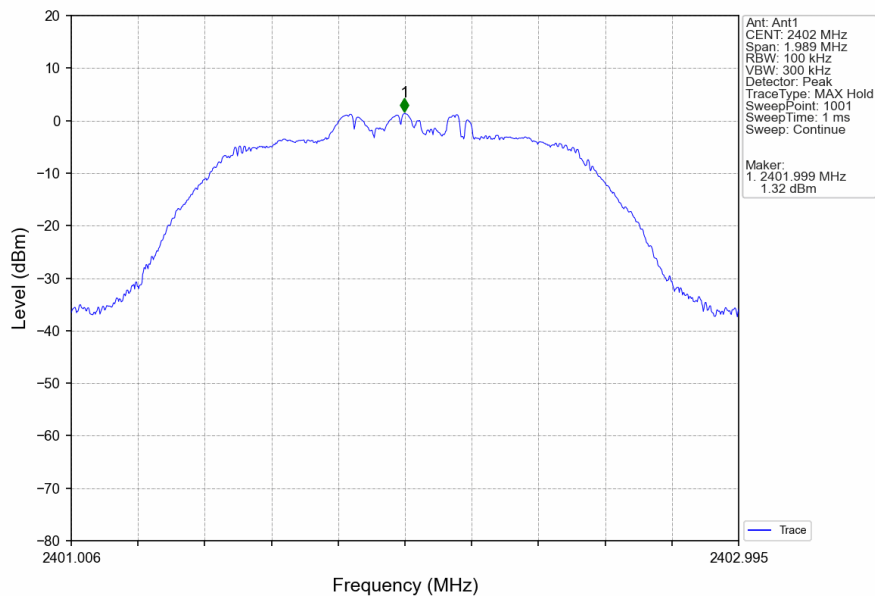
6.2.1 Ref



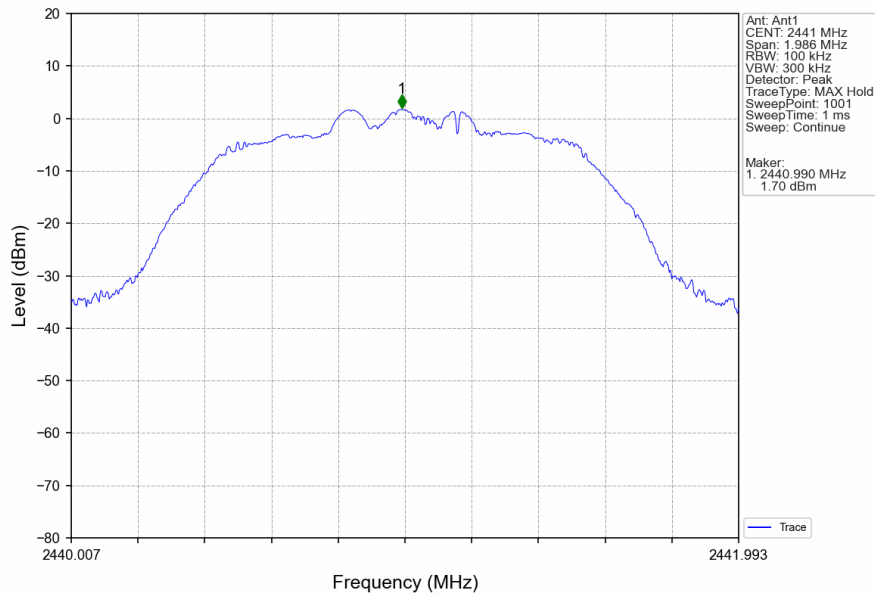
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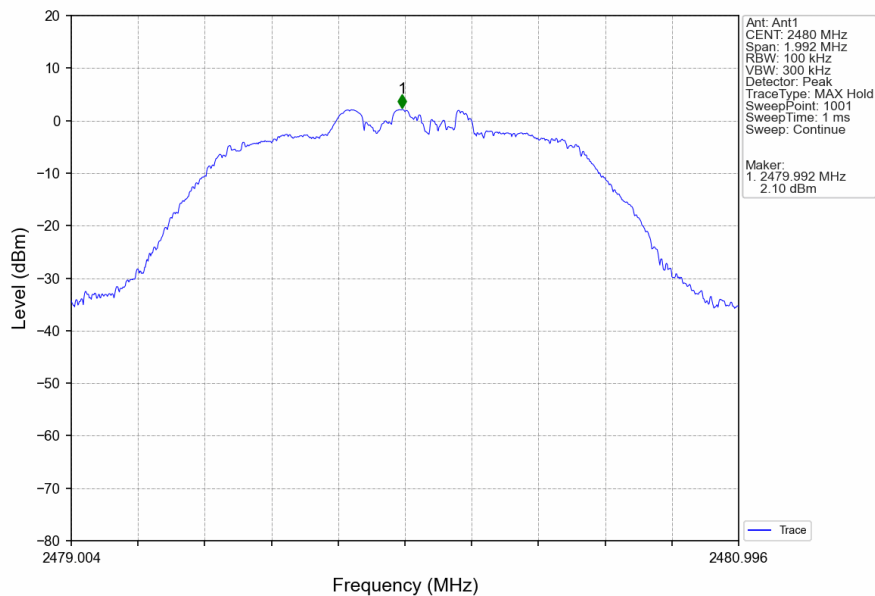
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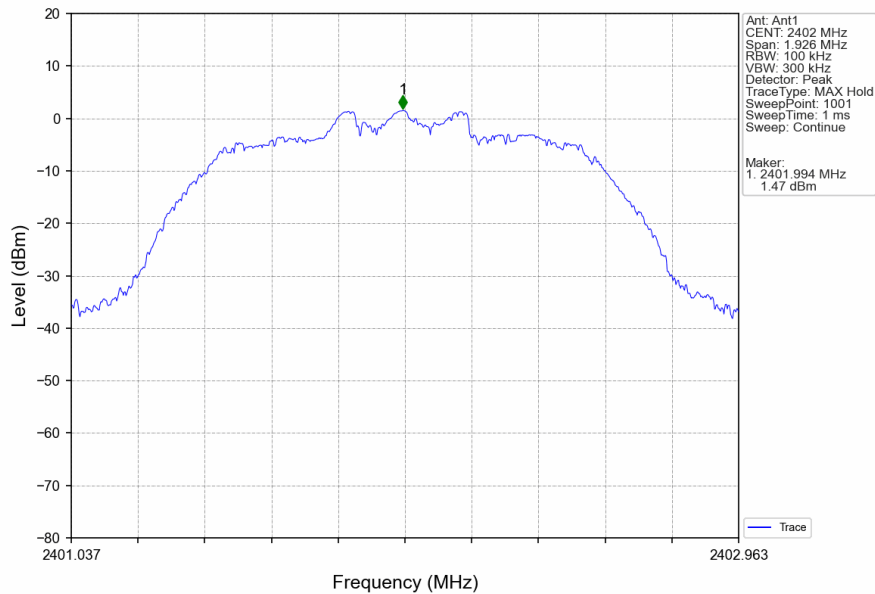
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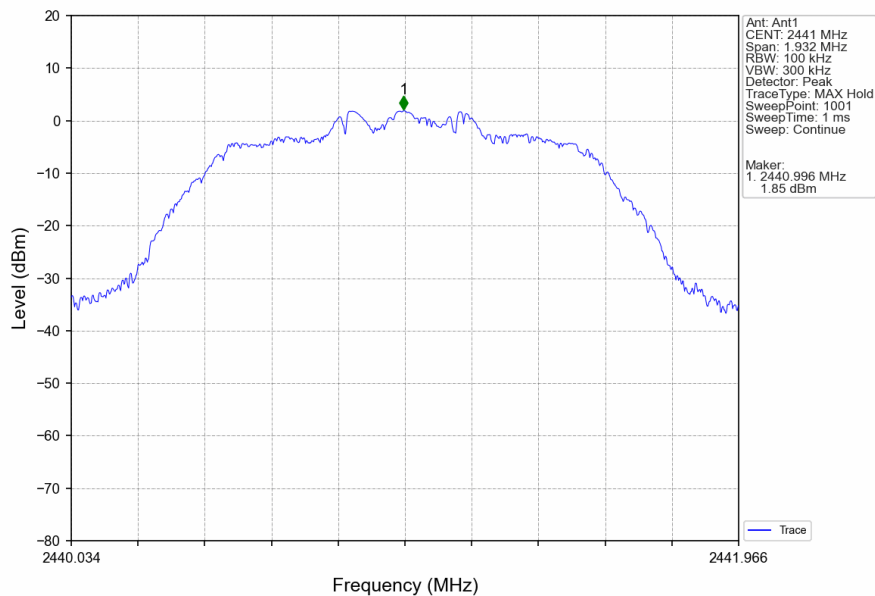
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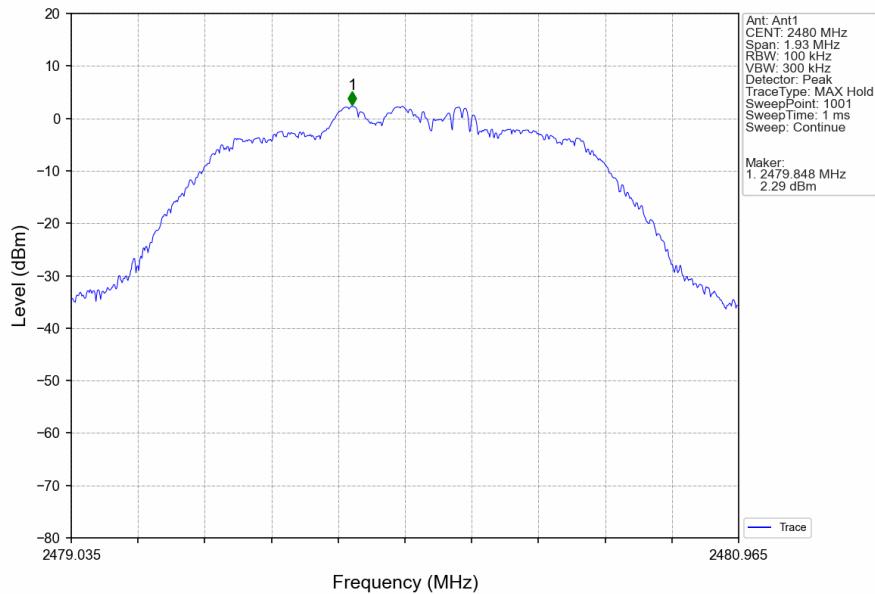
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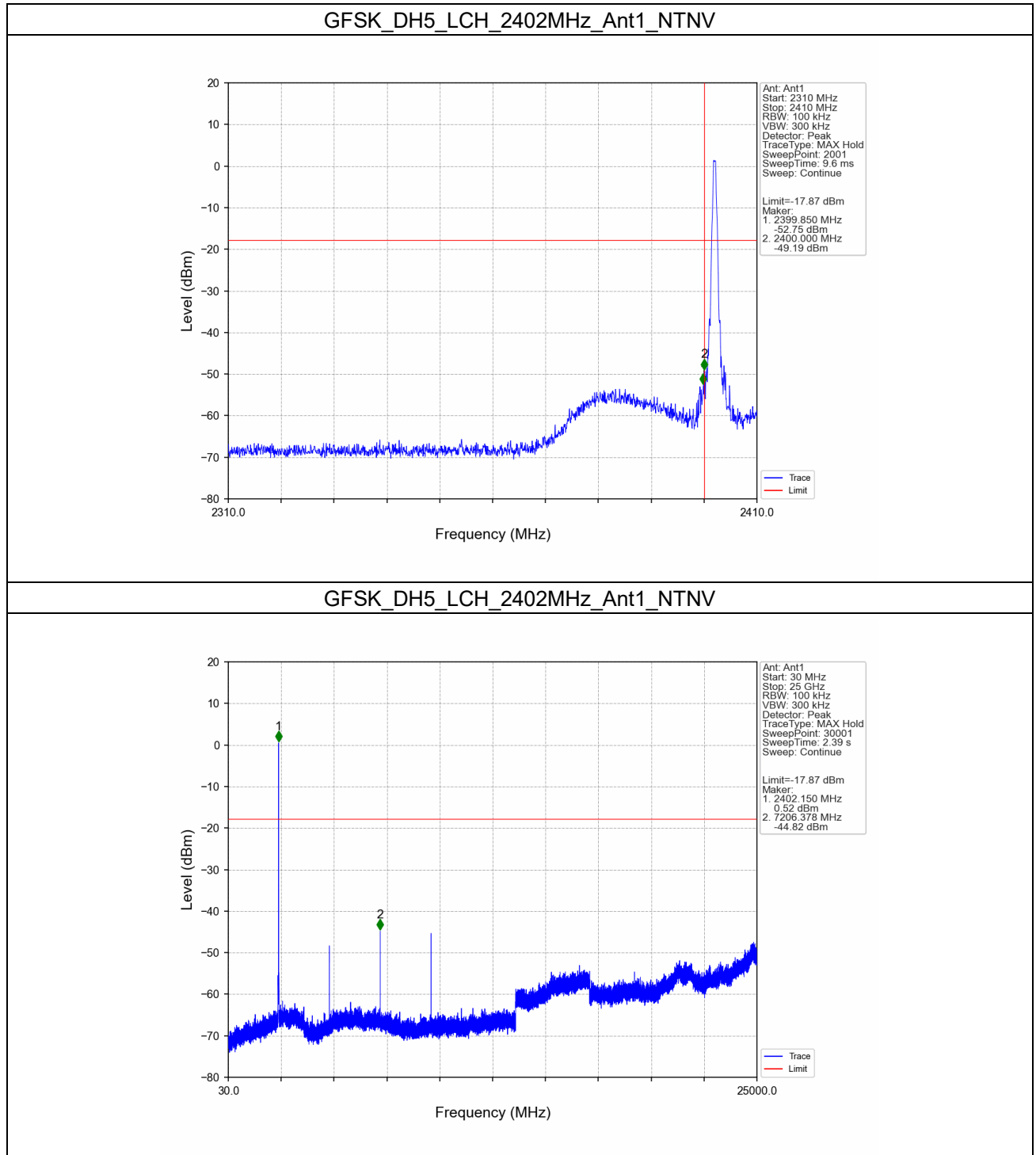
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6.2.2 CSE



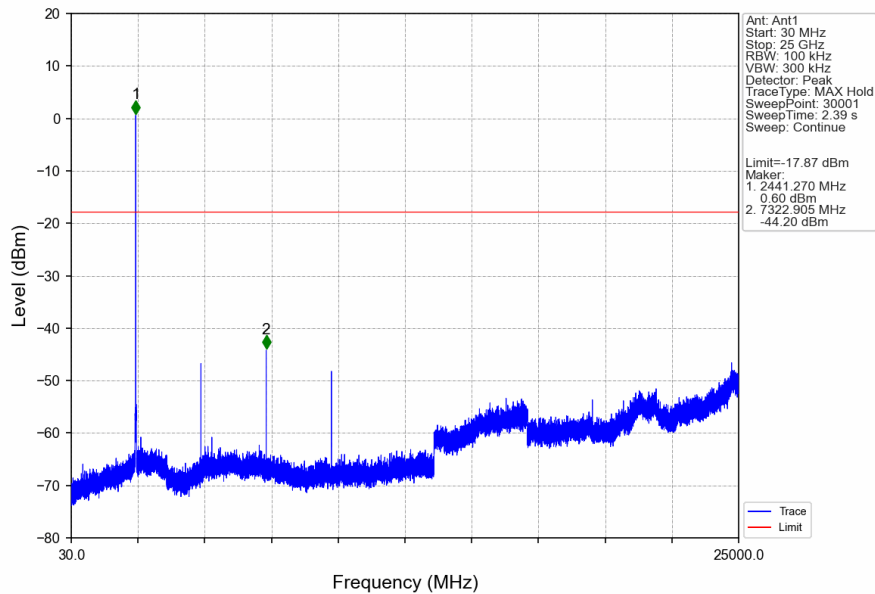
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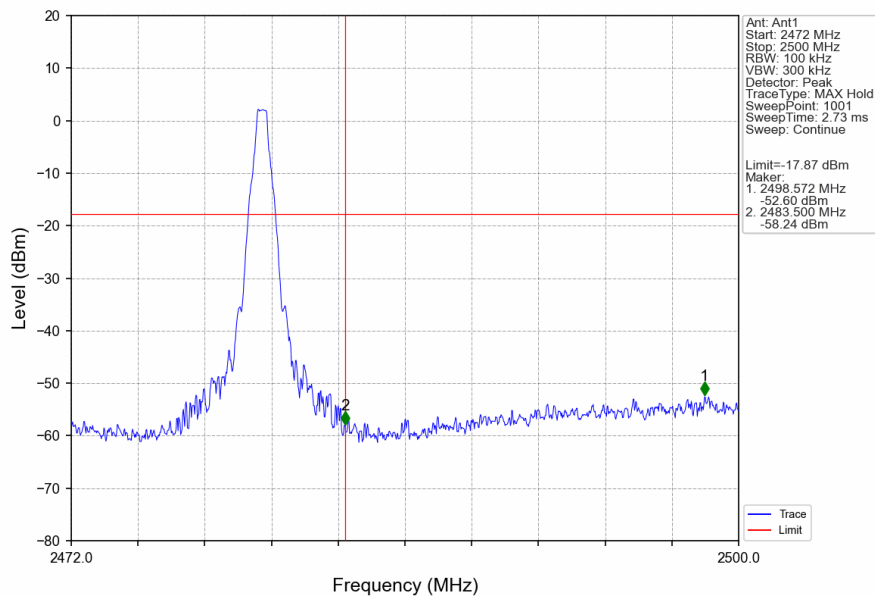
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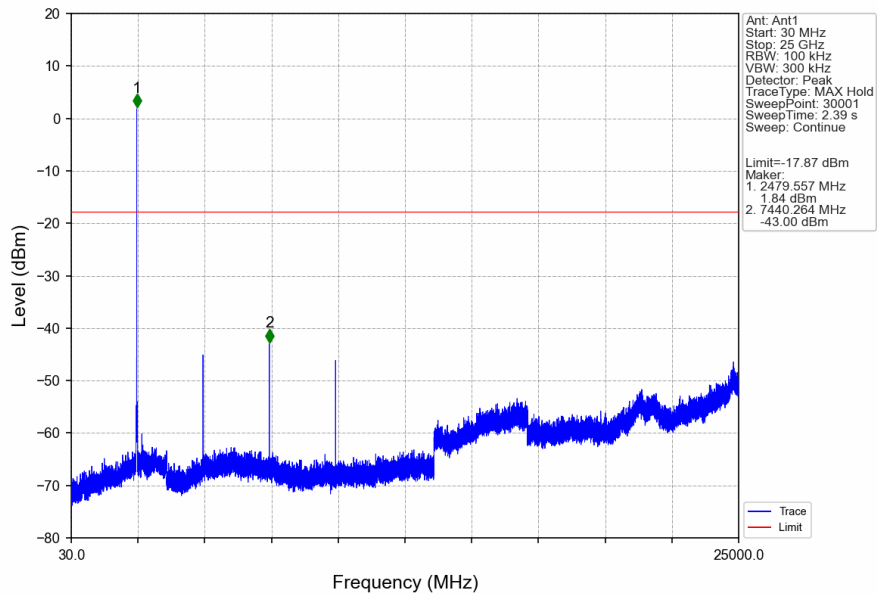
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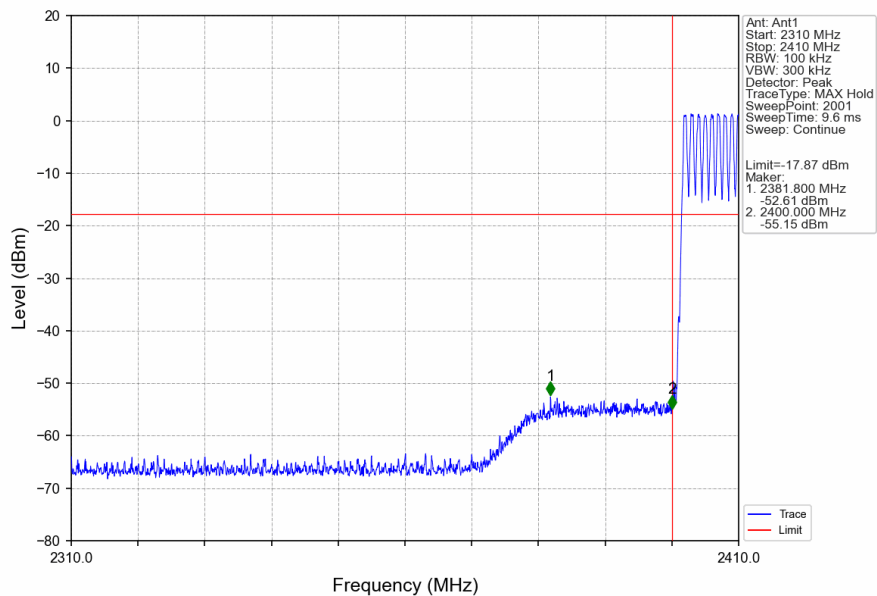
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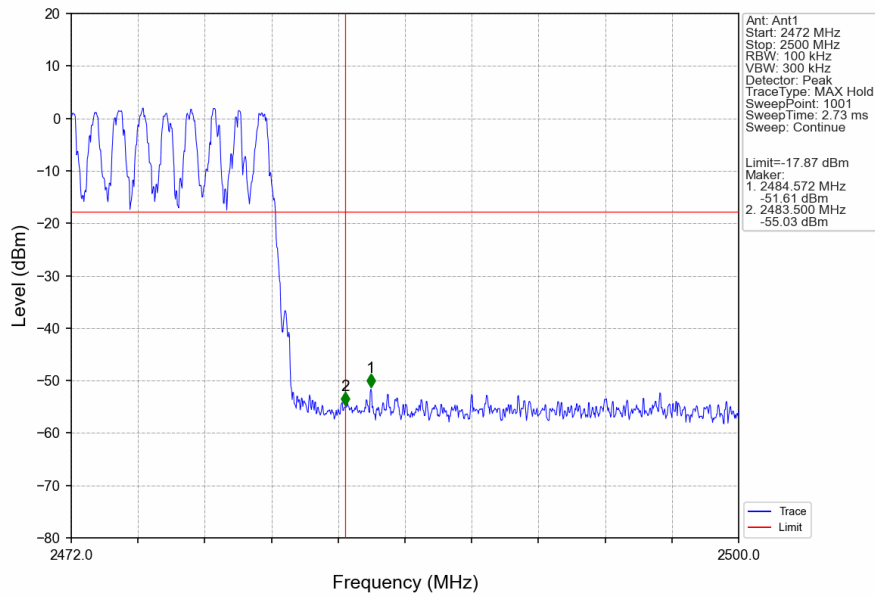
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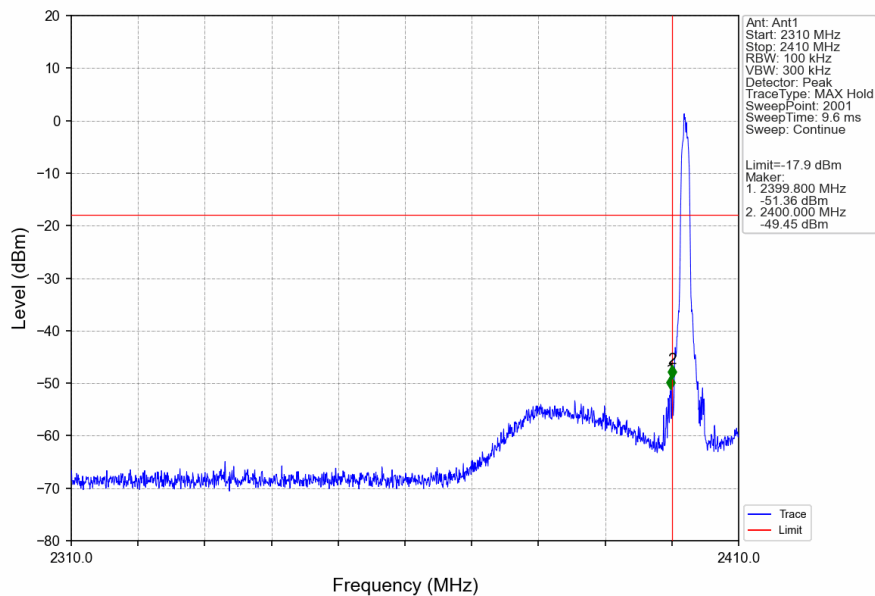
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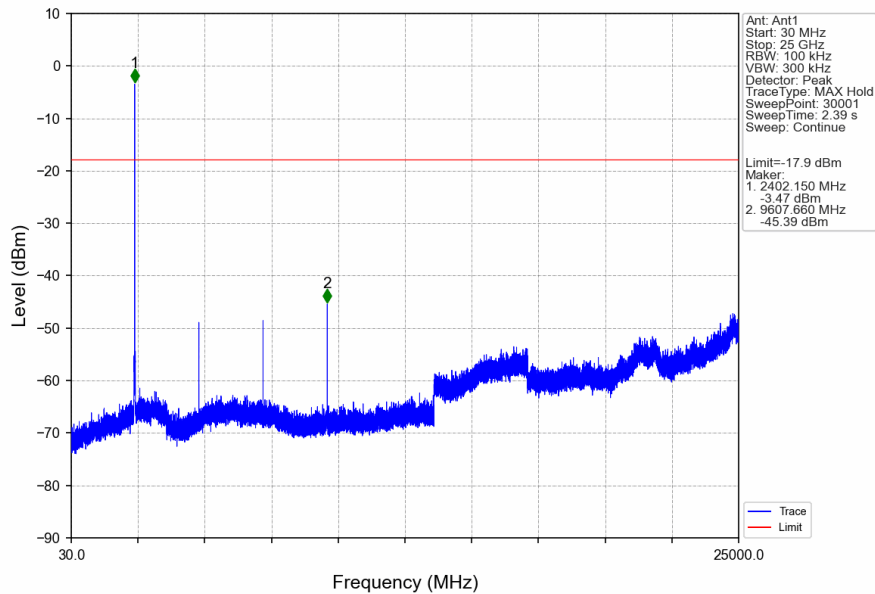
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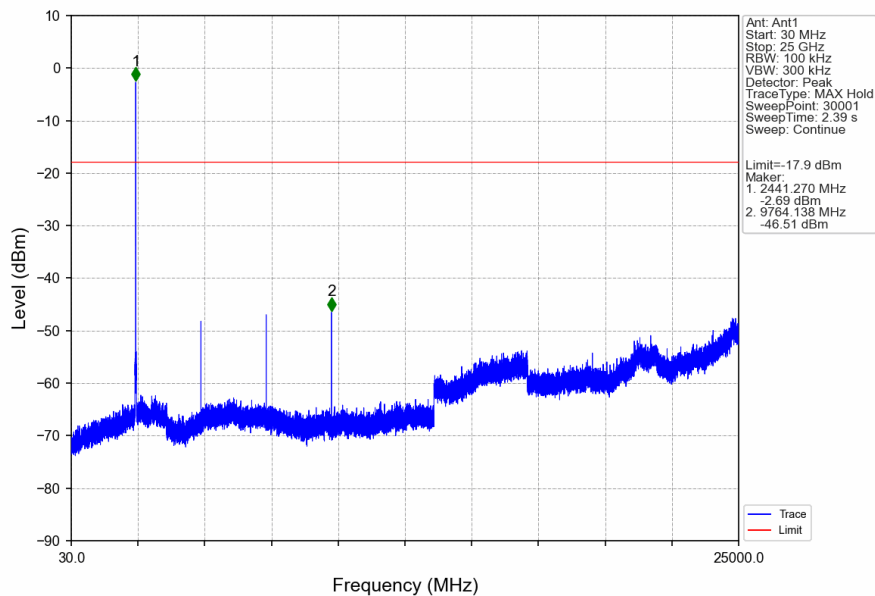
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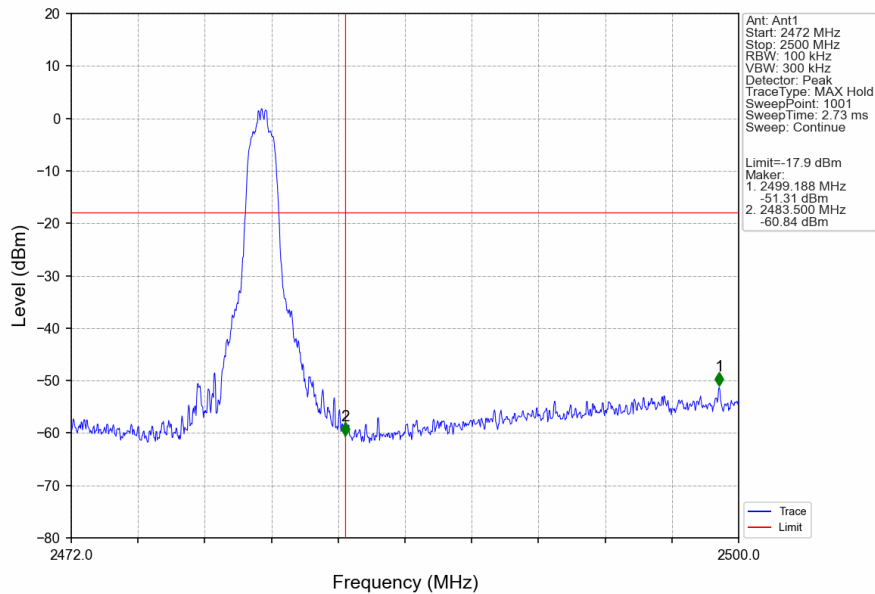
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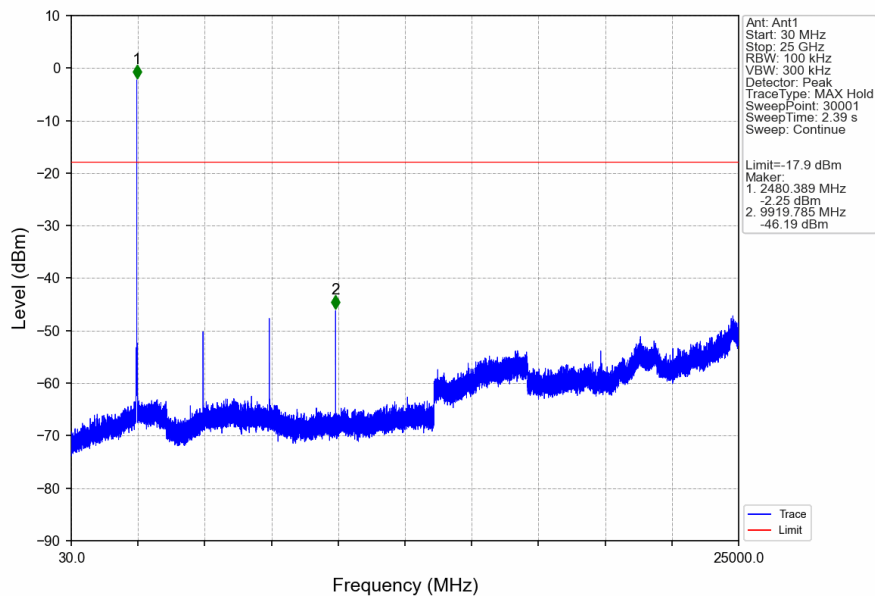
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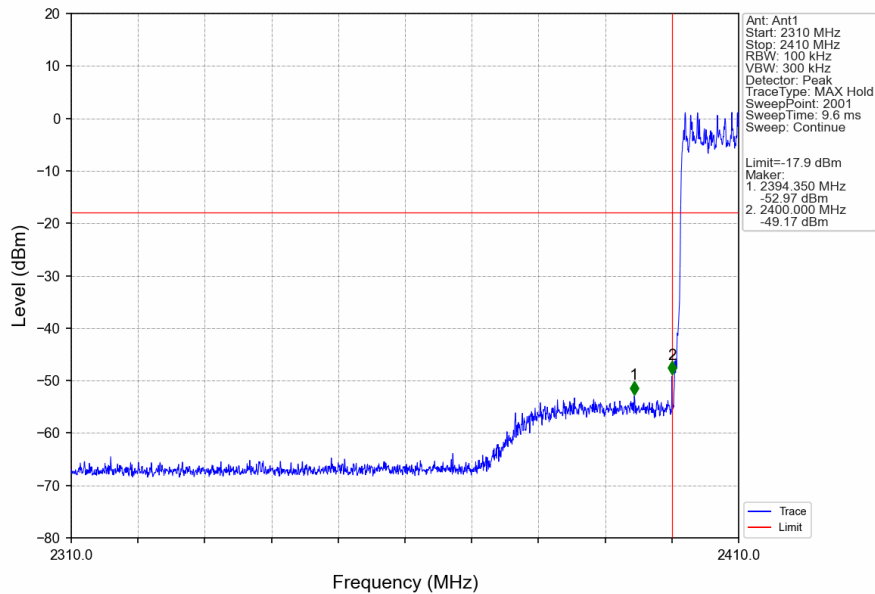
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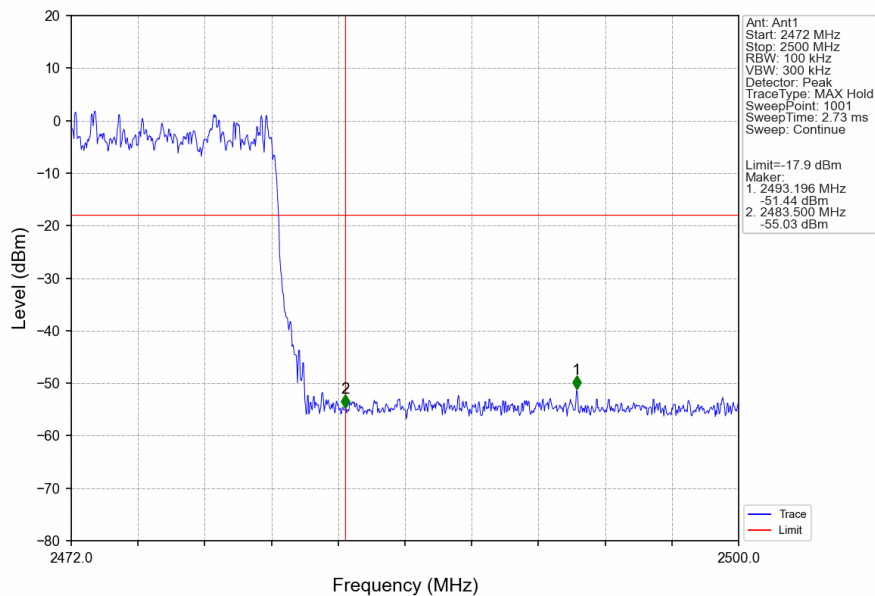
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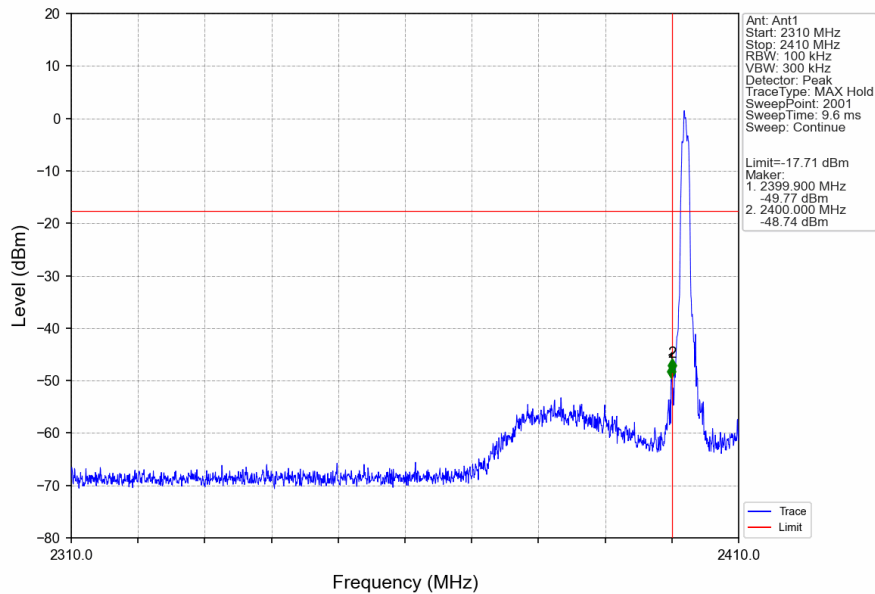
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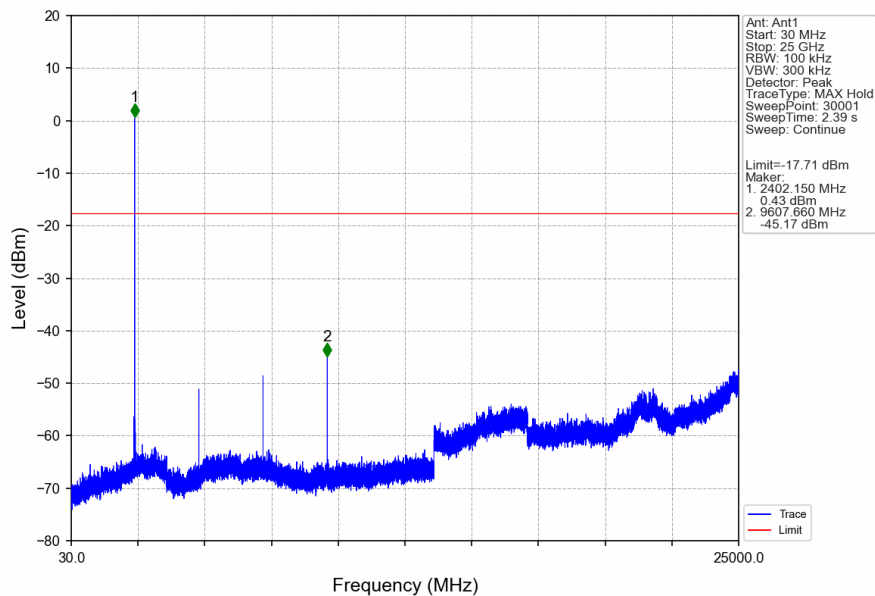
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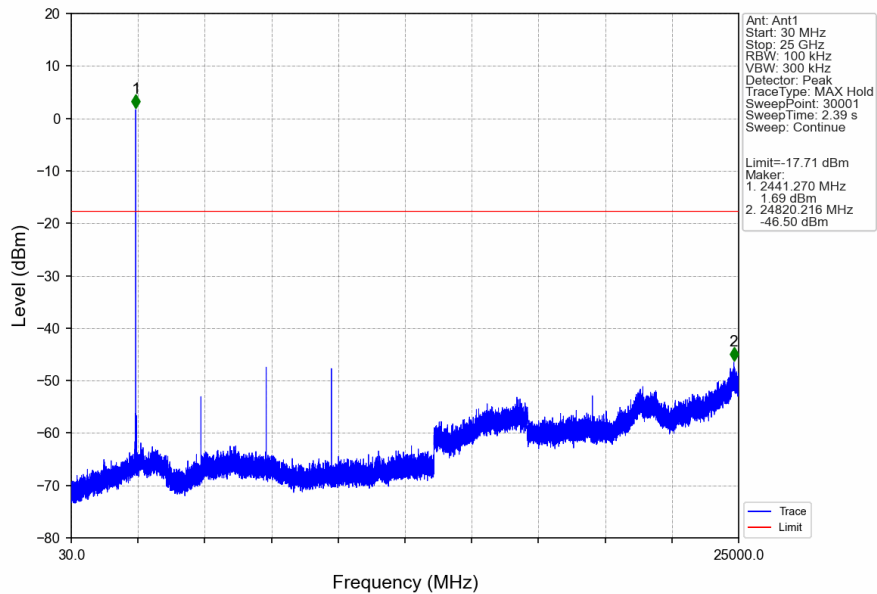
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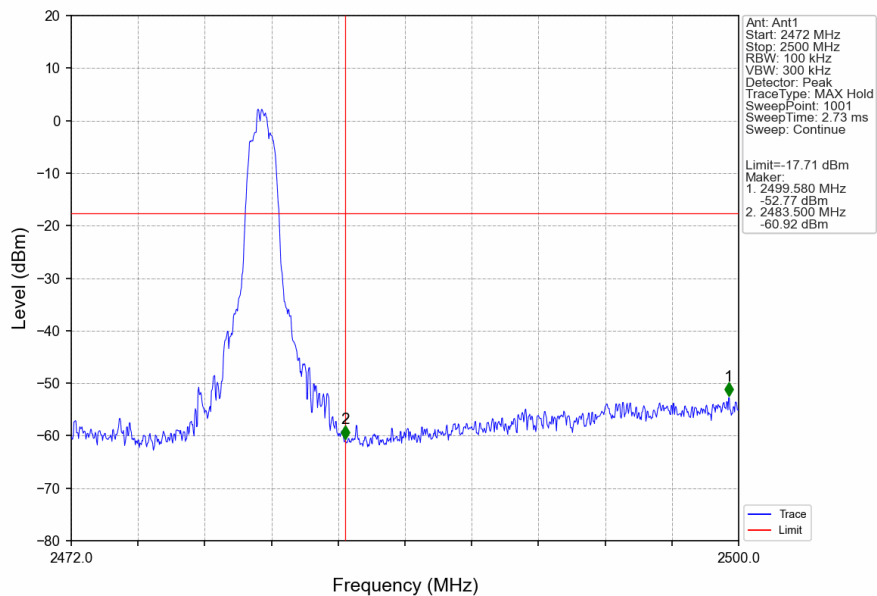
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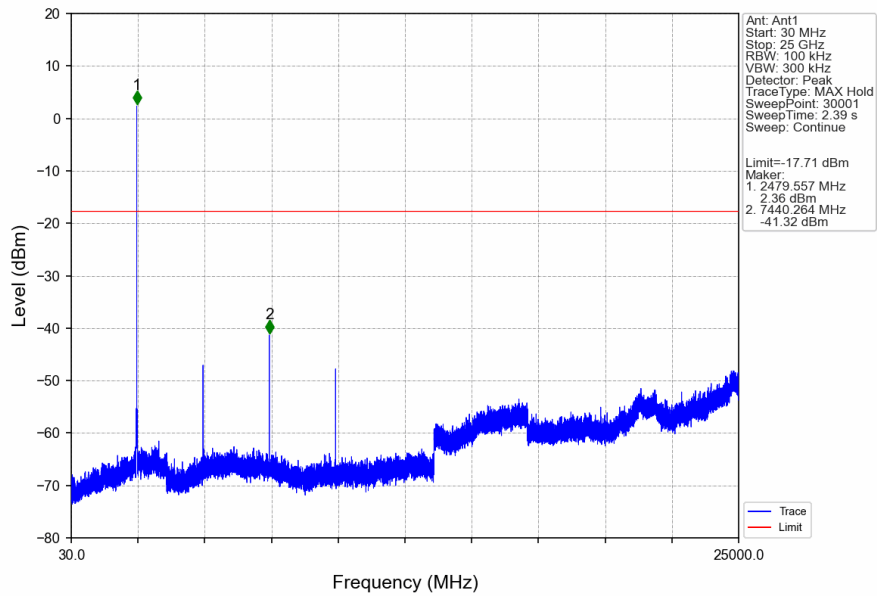
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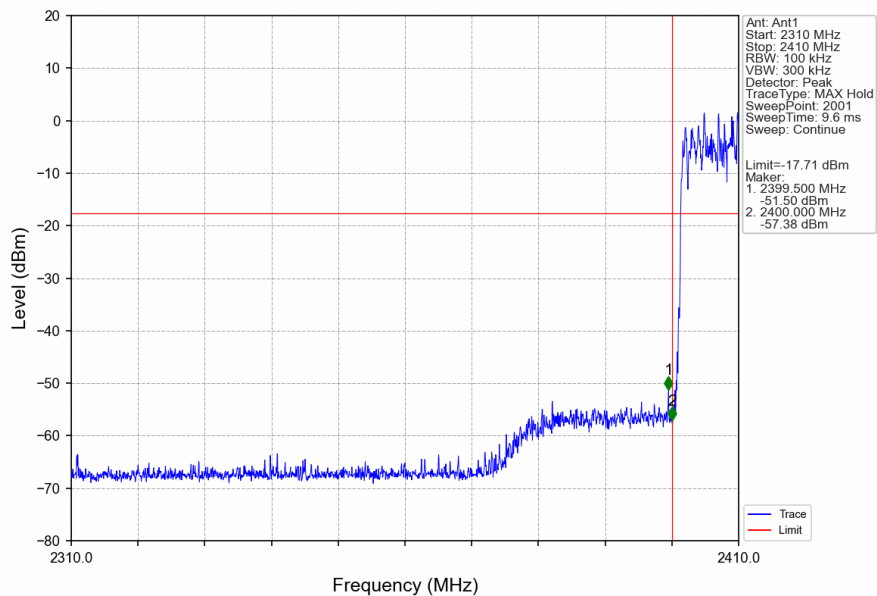
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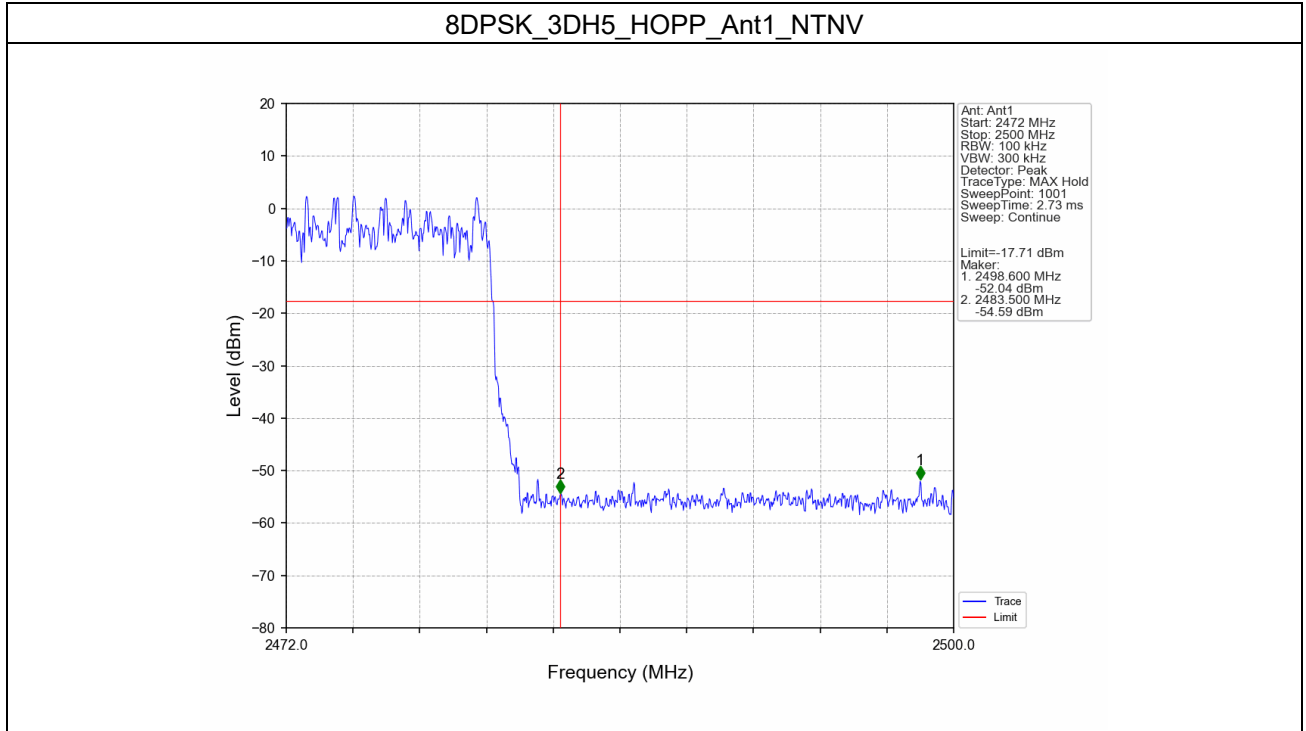


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8DPSK_3DH5_HOPP_Ant1_NTNV





- End of the Report -