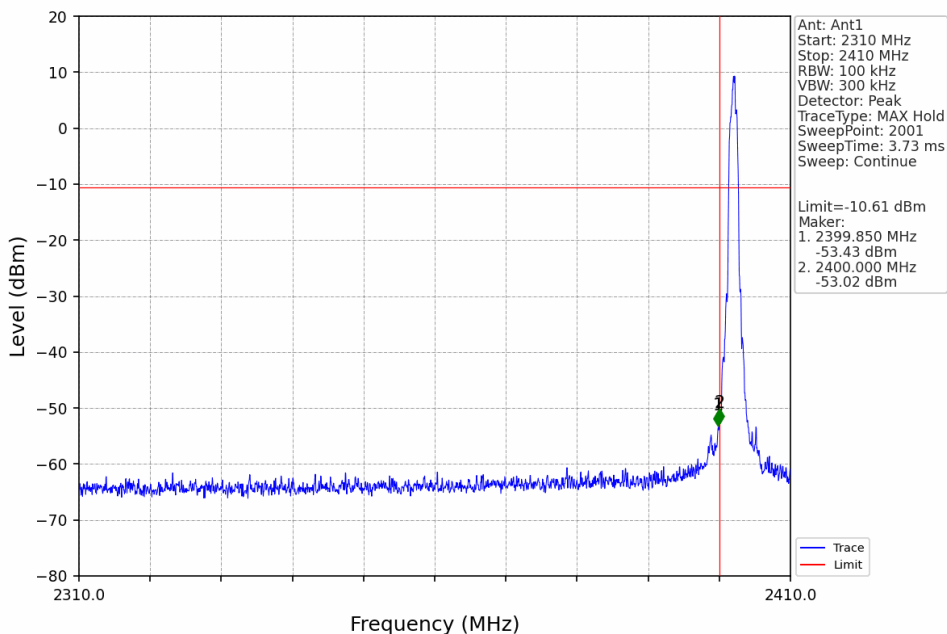
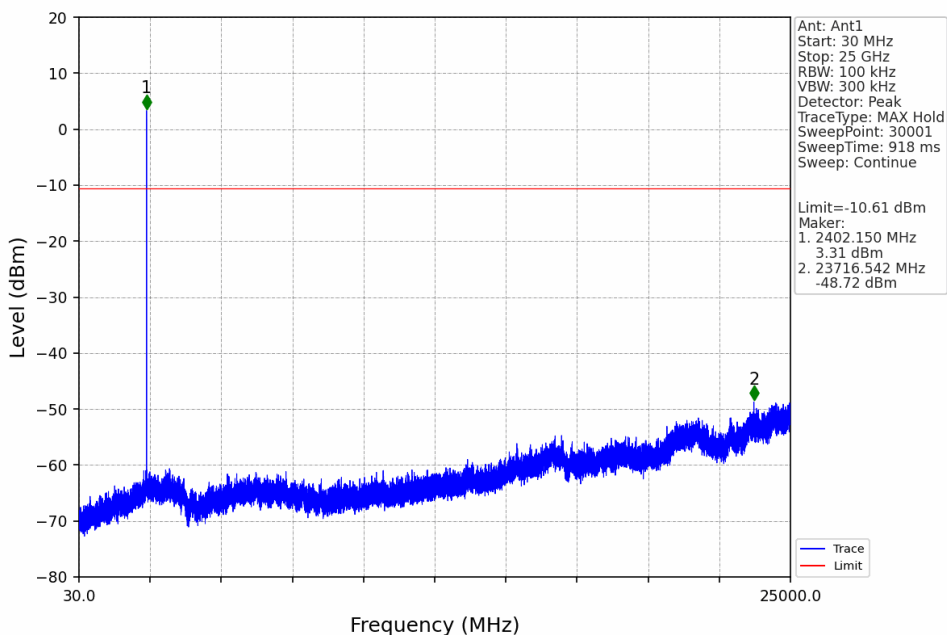


8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



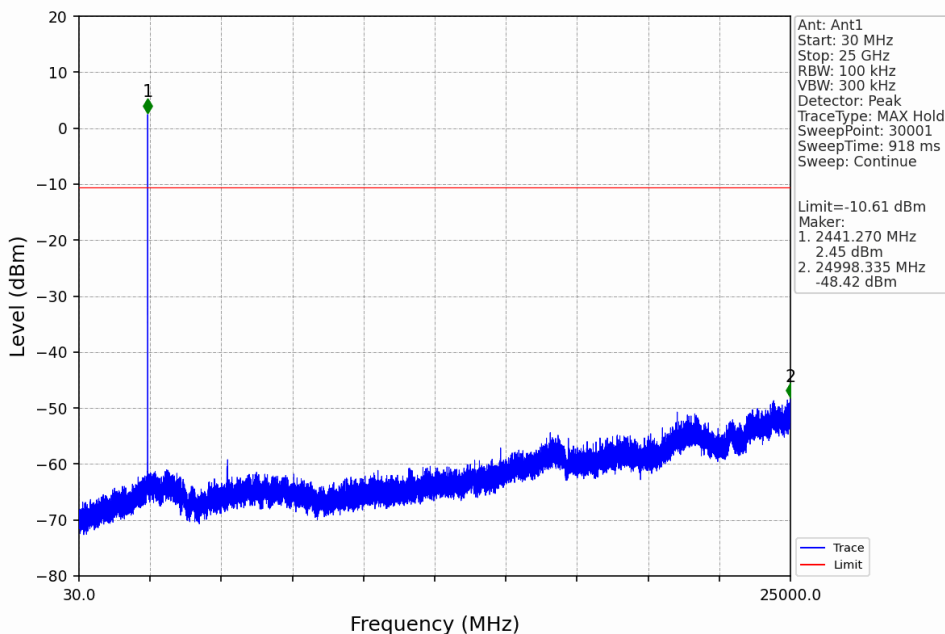
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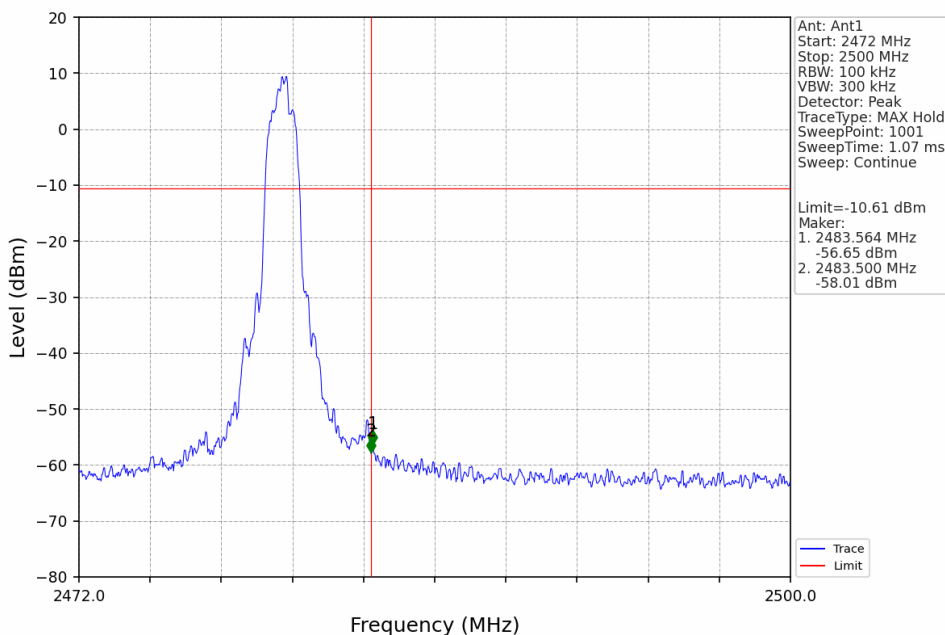
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8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



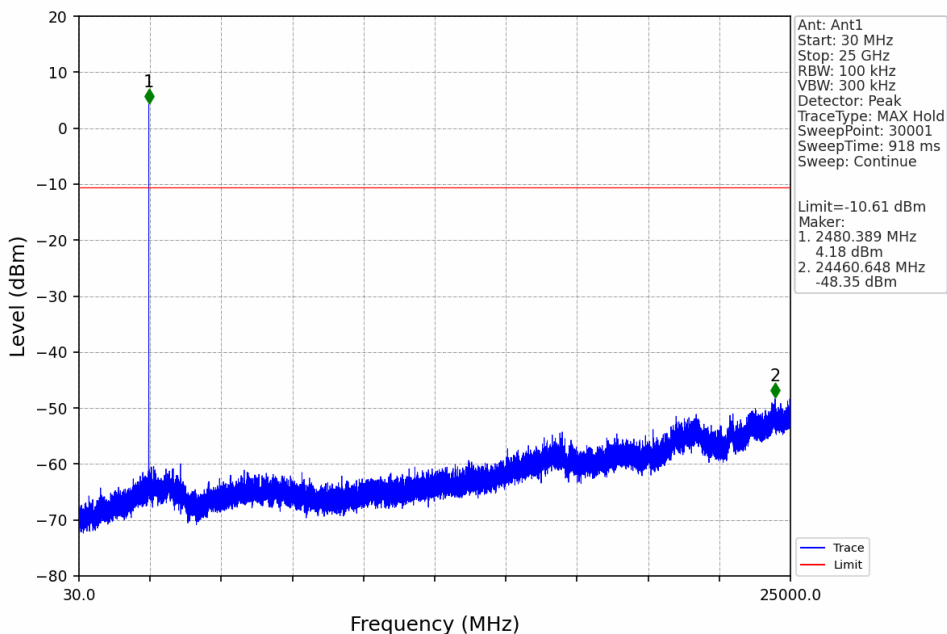
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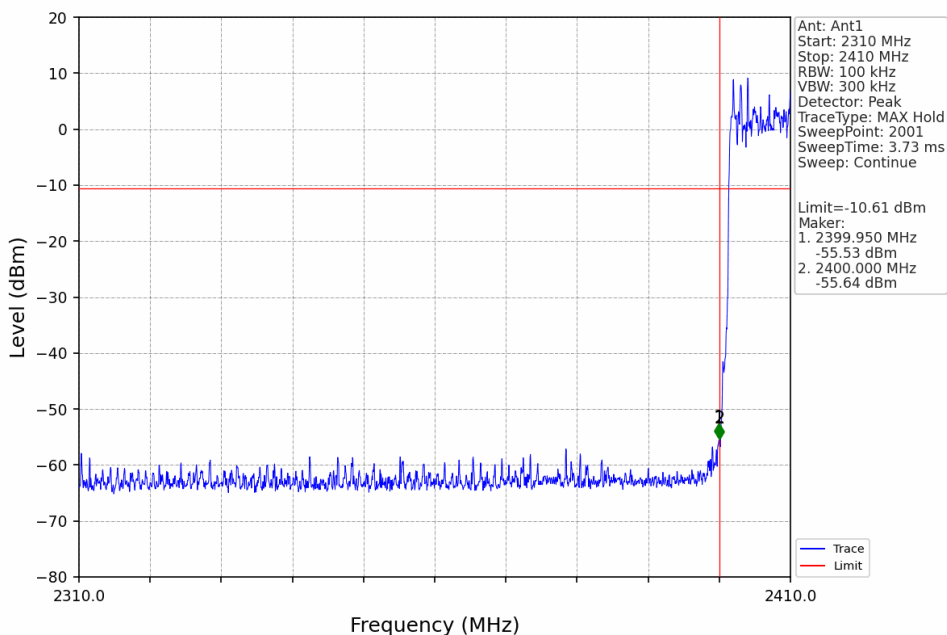
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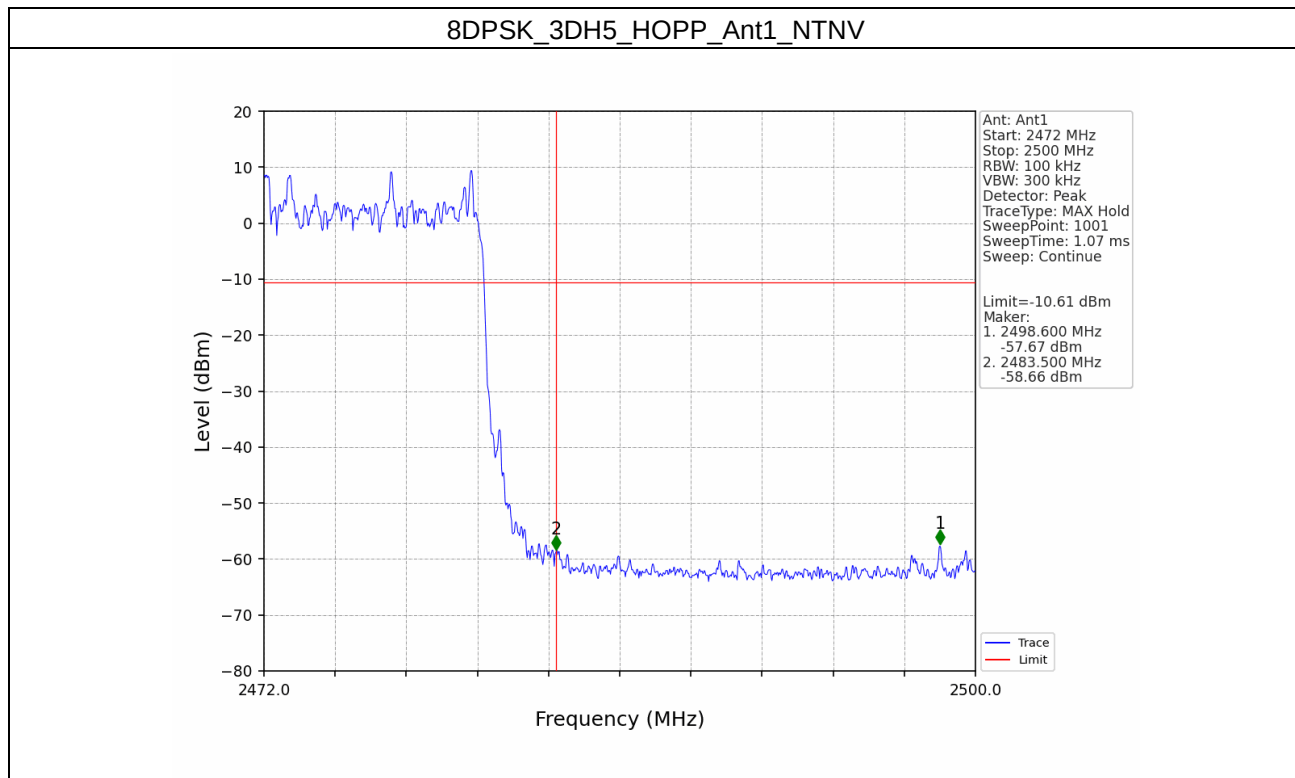
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8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV





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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241200461402

Page: 108 of 152

For left earbud:

1. Bandwidth

1.1 Test Result

1.1.1 OBW

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	99% Occupied Bandwidth (MHz)		Verdict
					Result	Limit	
GFSK	SISO	2402	DH5	1	0.931	/	Pass
		2441	DH5	1	0.930	/	Pass
		2480	DH5	1	0.941	/	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.132	/	Pass
		2441	2DH5	1	1.134	/	Pass
		2480	2DH5	1	1.133	/	Pass
8DPSK	SISO	2402	3DH5	1	1.138	/	Pass
		2441	3DH5	1	1.138	/	Pass
		2480	3DH5	1	1.140	/	Pass

1.1.2 20dB BW

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	20dB Bandwidth (MHz)		Verdict
					Result	Limit	
GFSK	SISO	2402	DH5	1	1.033	/	Pass
		2441	DH5	1	1.032	/	Pass
		2480	DH5	1	1.028	/	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.193	/	Pass
		2441	2DH5	1	1.191	/	Pass
		2480	2DH5	1	1.202	/	Pass
8DPSK	SISO	2402	3DH5	1	1.209	/	Pass
		2441	3DH5	1	1.210	/	Pass
		2480	3DH5	1	1.210	/	Pass



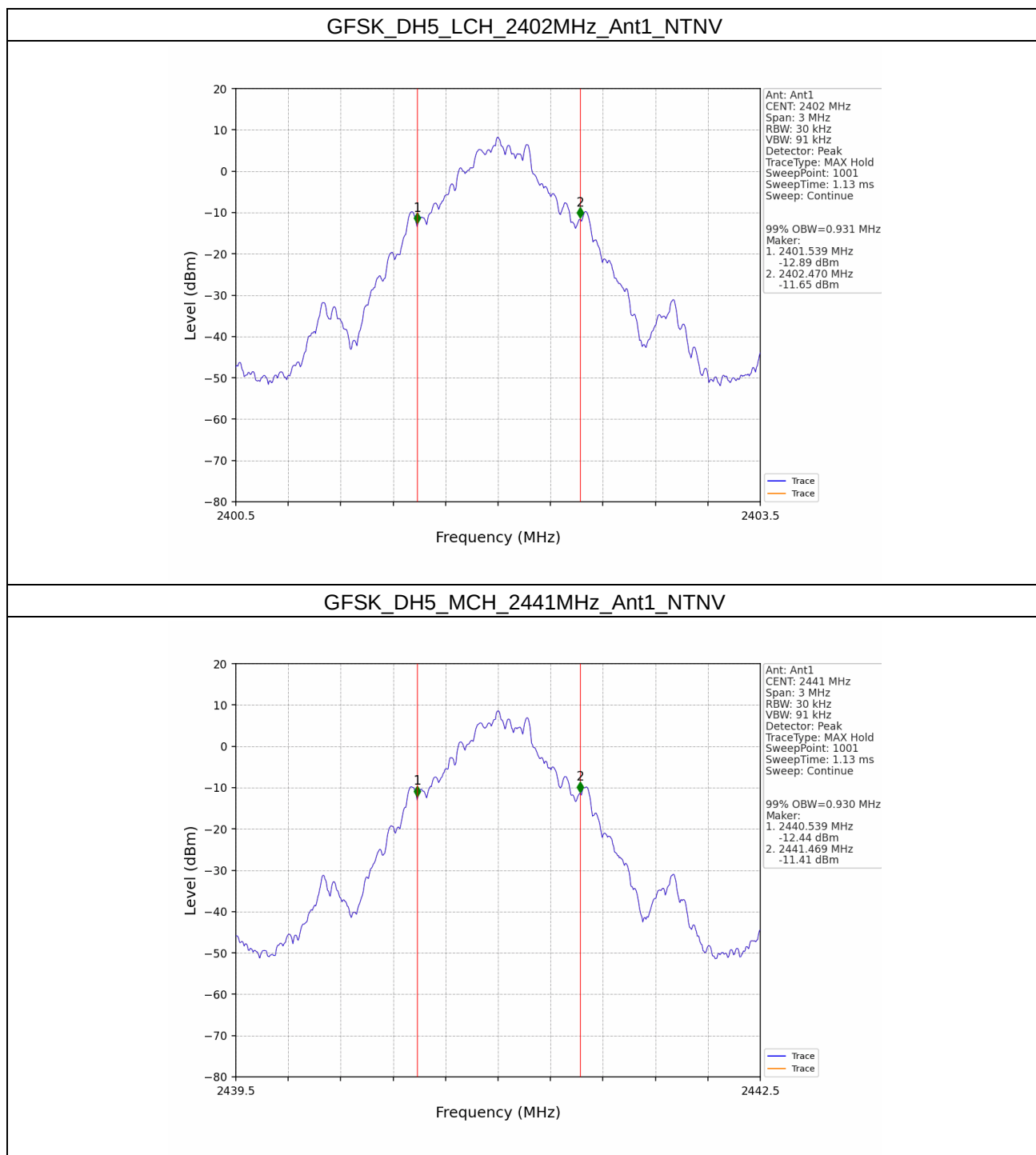
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1.2 Test Graph

1.2.1 OBW



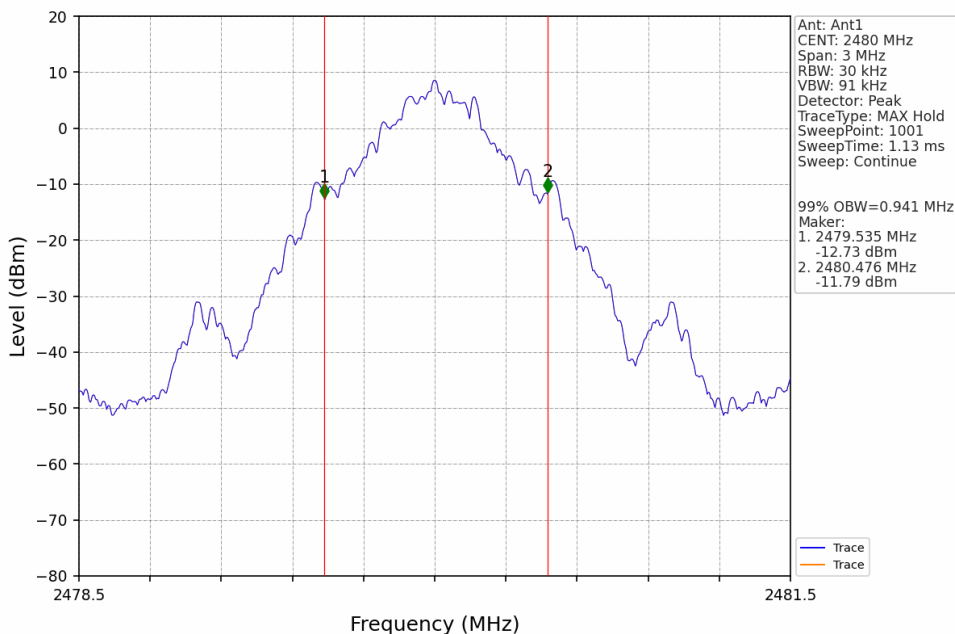
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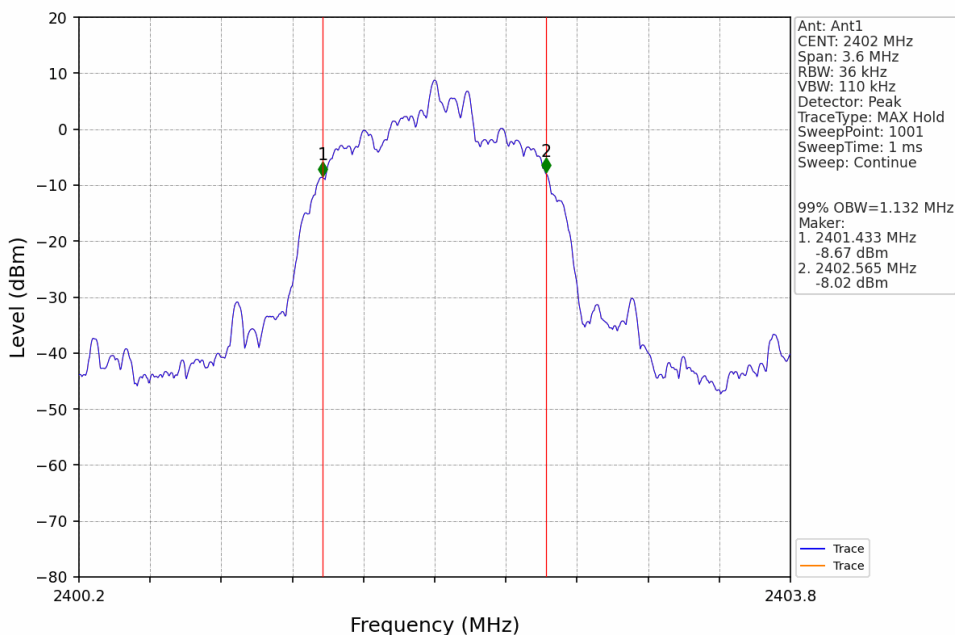
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GFSK_DH5_HCH_2480MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



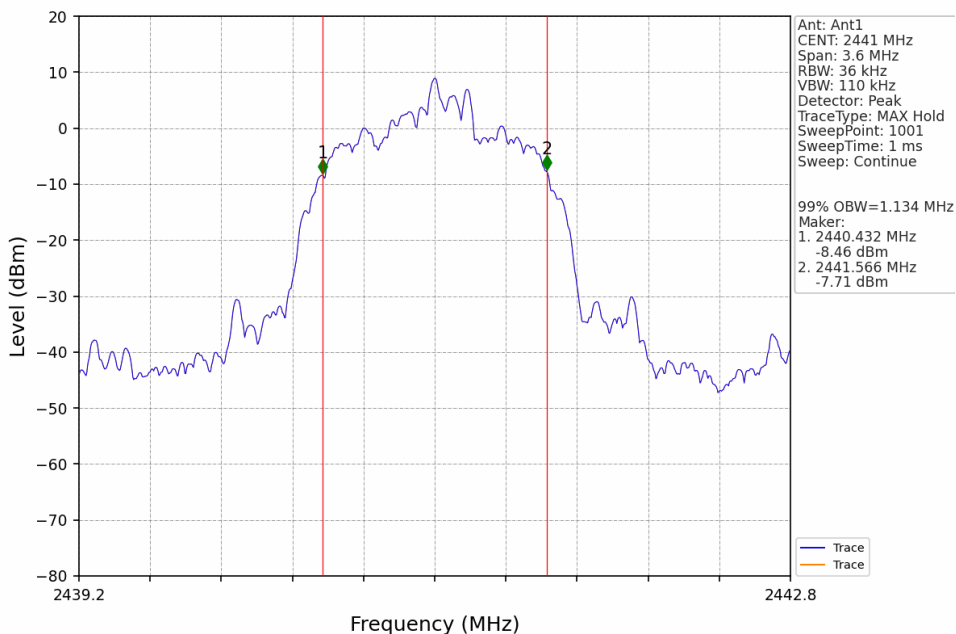
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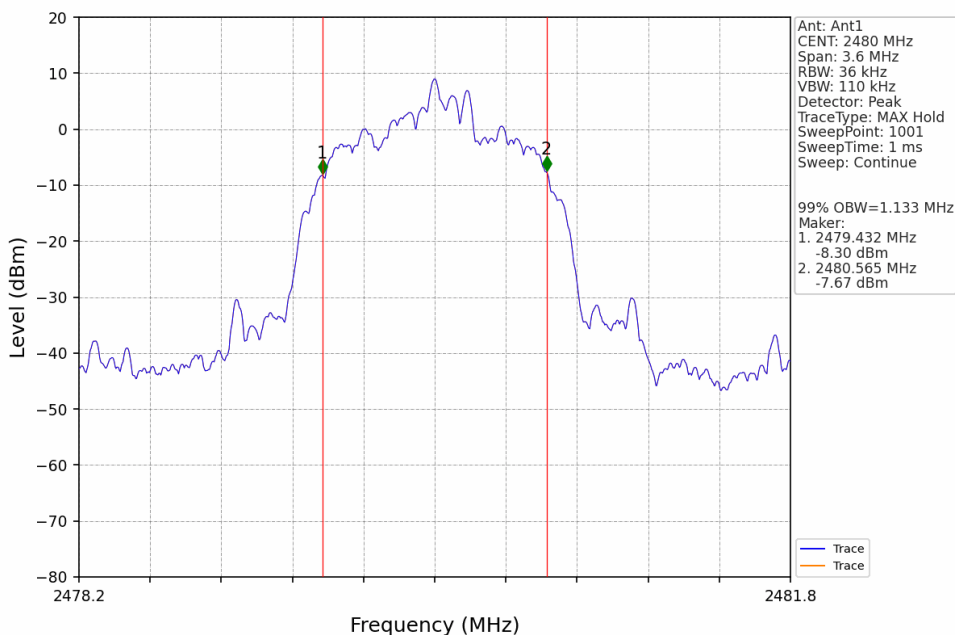
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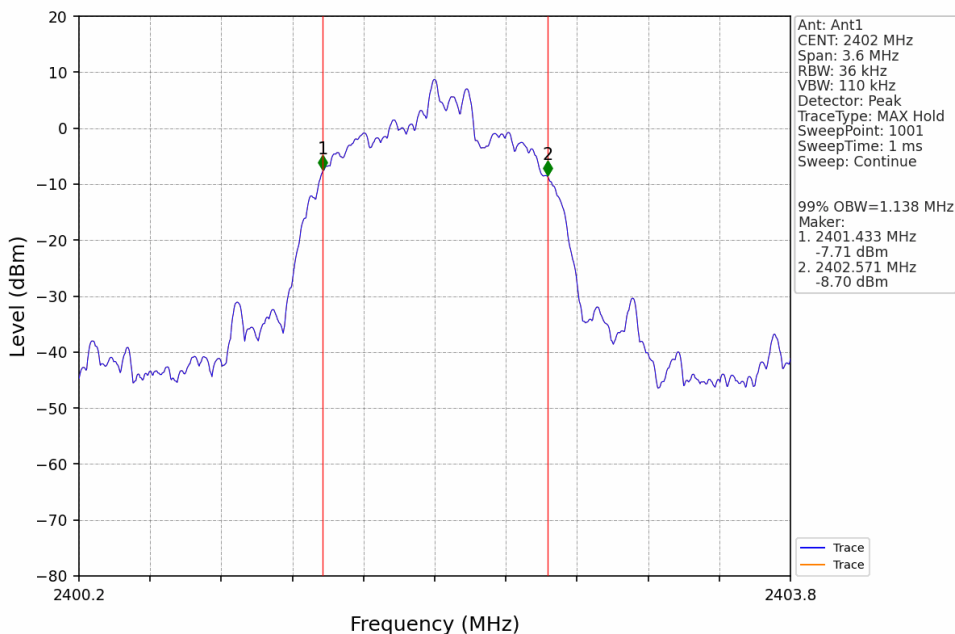
Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



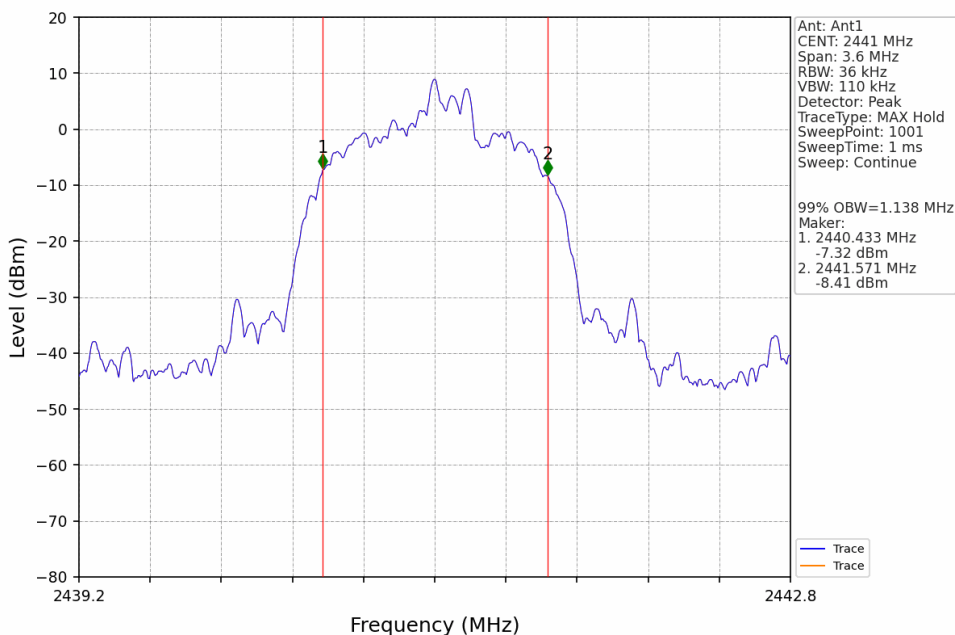
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8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV

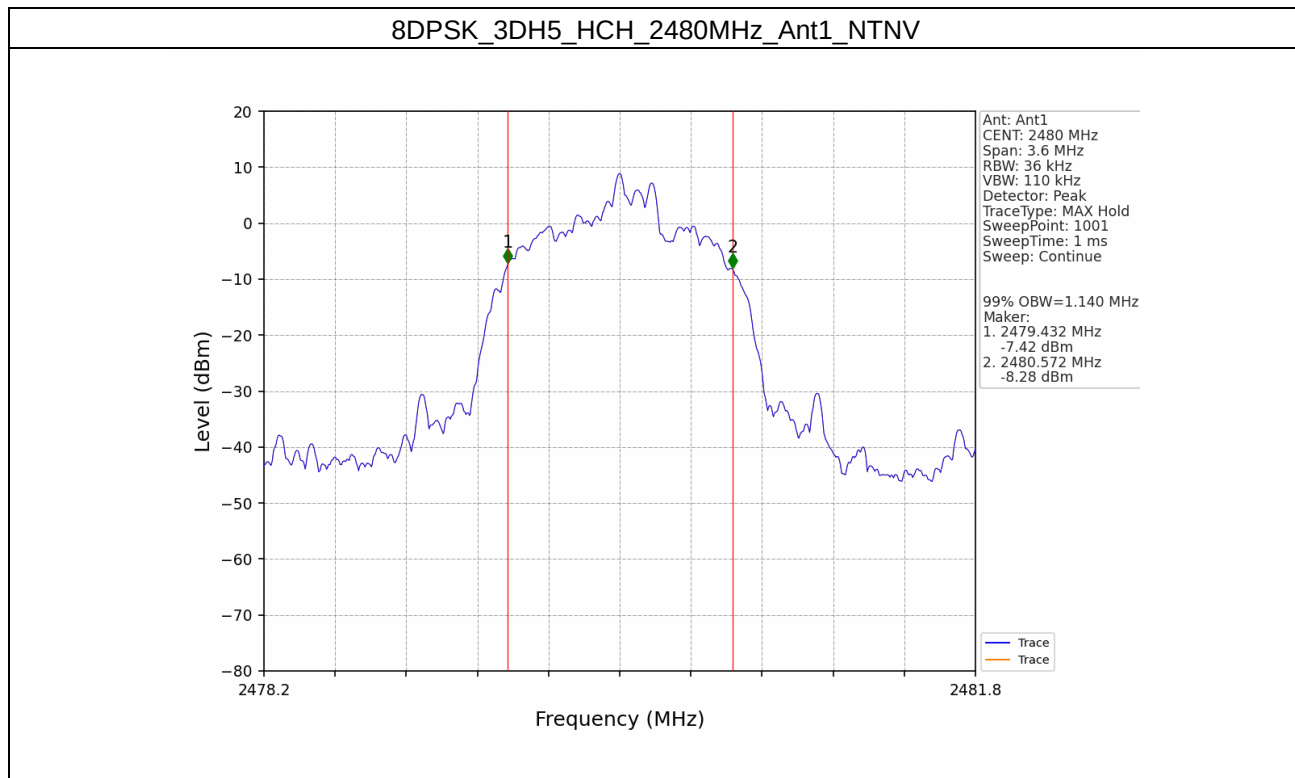


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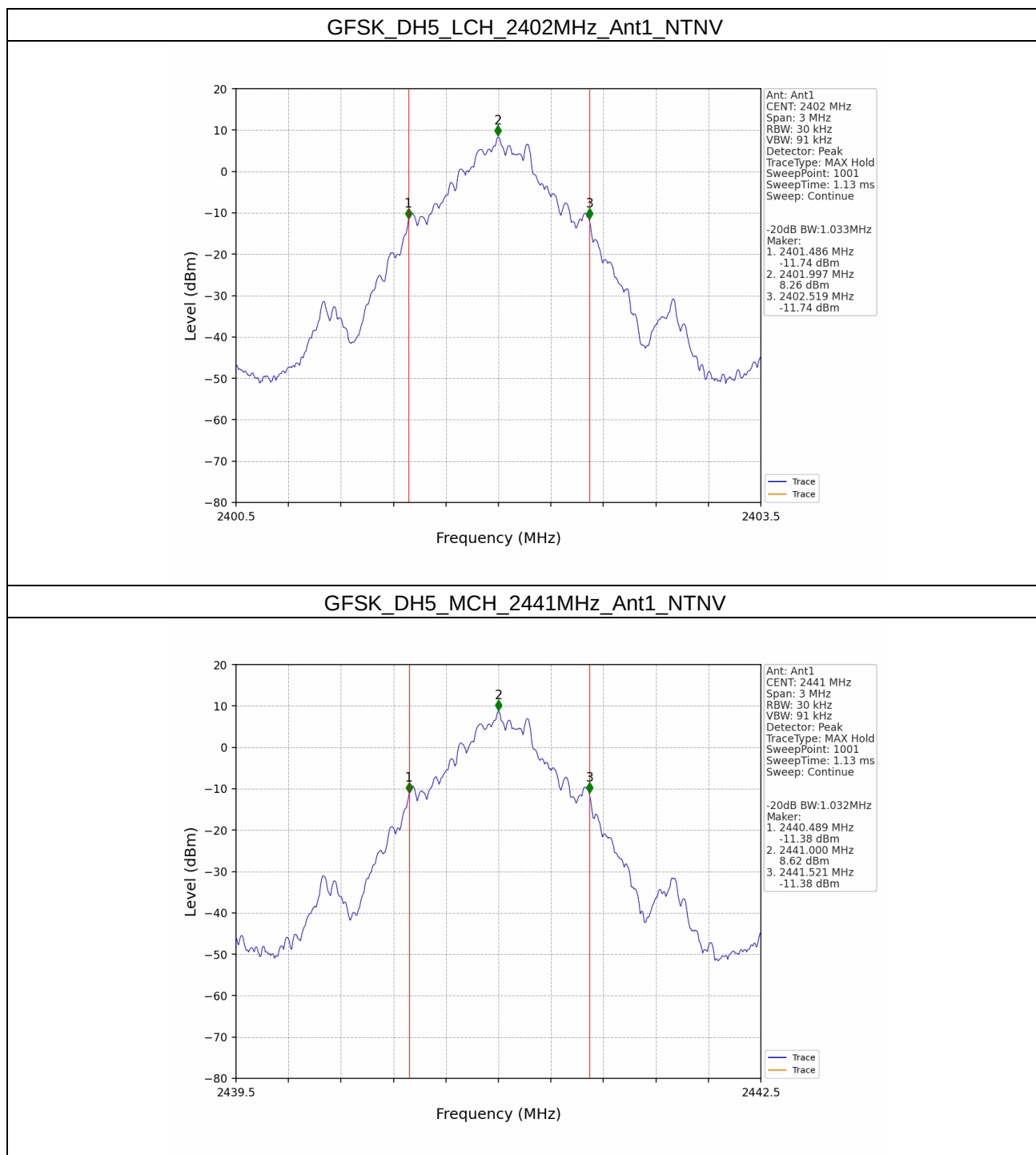
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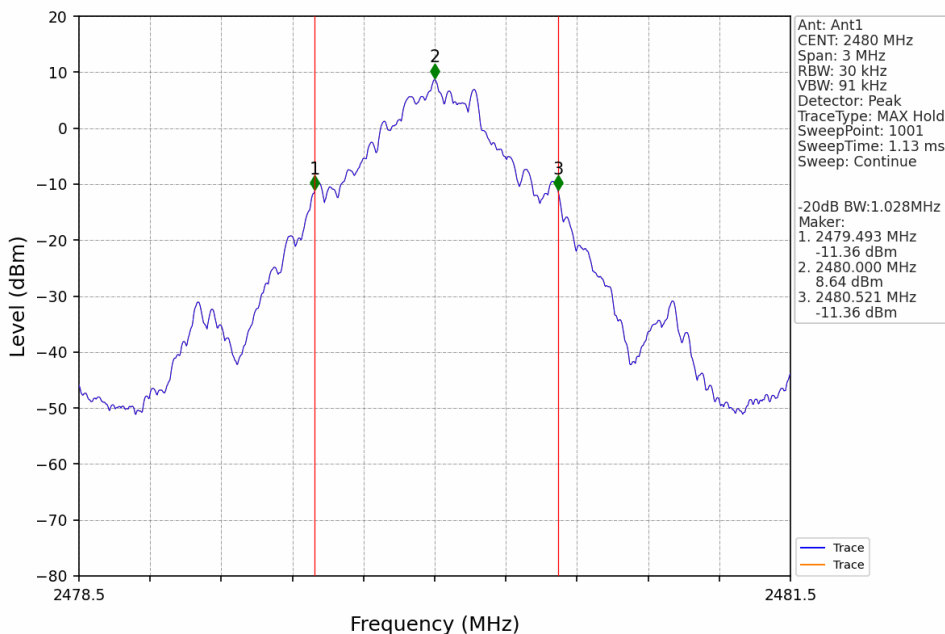
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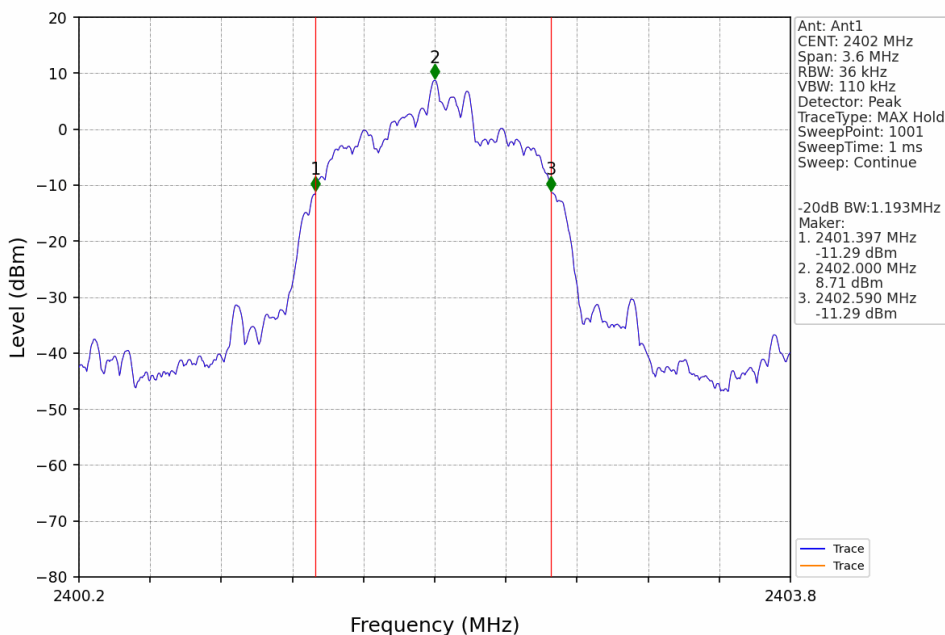
1.2.2 20dB BW



GFSK_DH5_HCH_2480MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



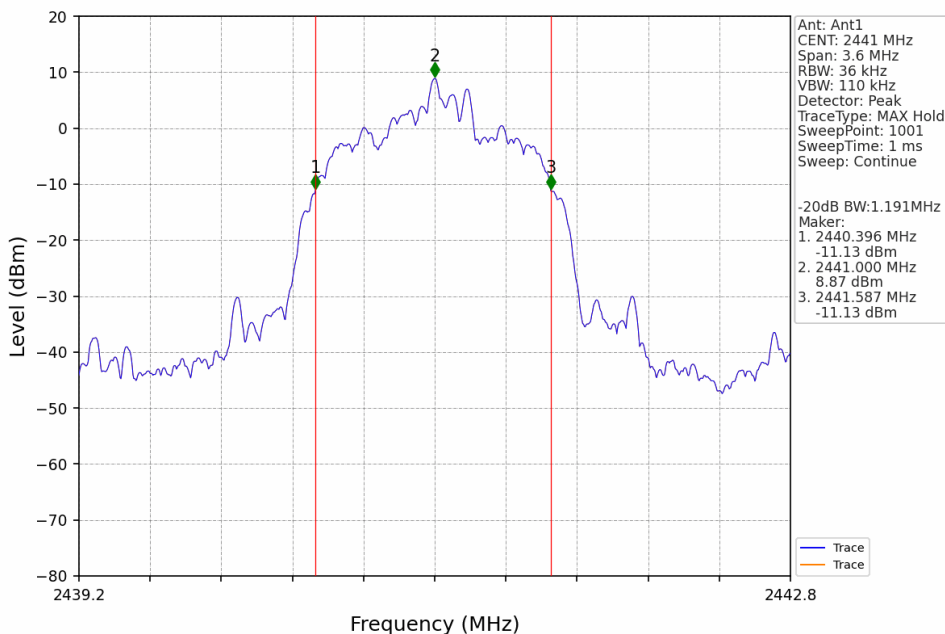
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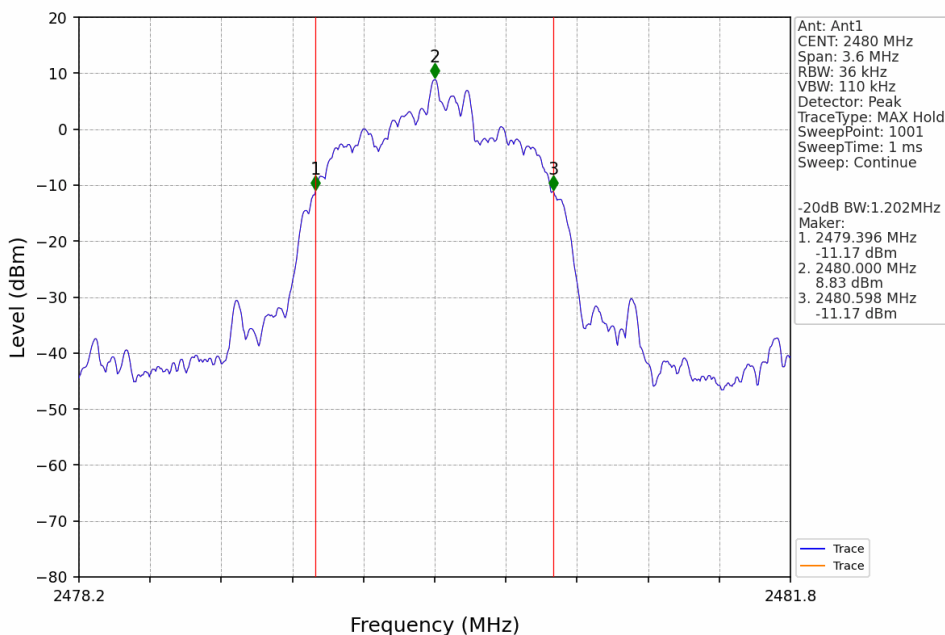
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Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



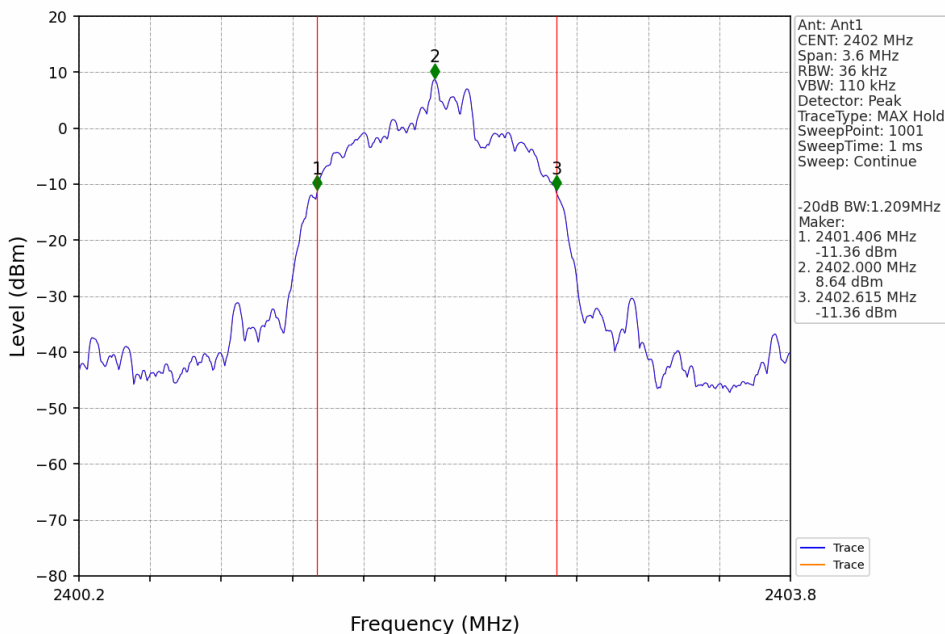
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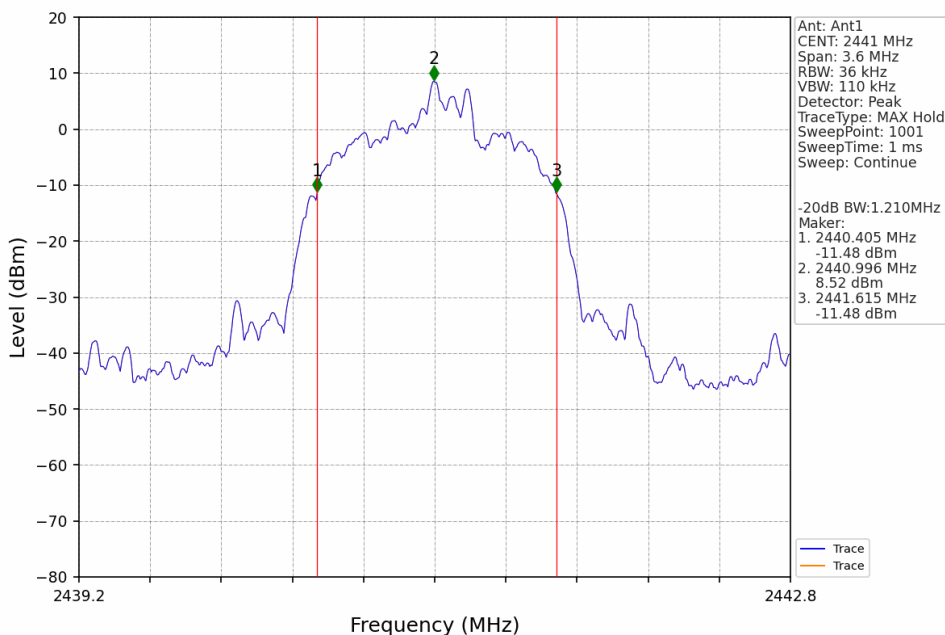
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8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



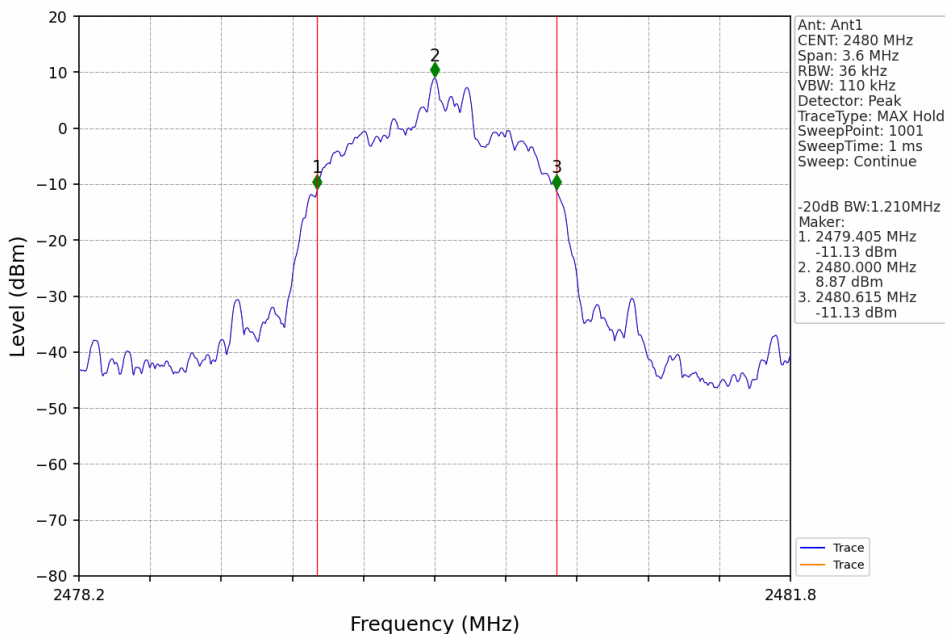
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8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



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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	9.30	<=20.97	Pass
		2441	DH5	9.61	<=20.97	Pass
		2480	DH5	9.64	<=20.97	Pass
Pi/4DQPSK	SISO	2402	2DH5	9.44	<=20.97	Pass
		2441	2DH5	9.63	<=20.97	Pass
		2480	2DH5	9.60	<=20.97	Pass
8DPSK	SISO	2402	3DH5	9.33	<=20.97	Pass
		2441	3DH5	9.55	<=20.97	Pass
		2480	3DH5	9.54	<=20.97	Pass



3. Carrier Frequency Separation

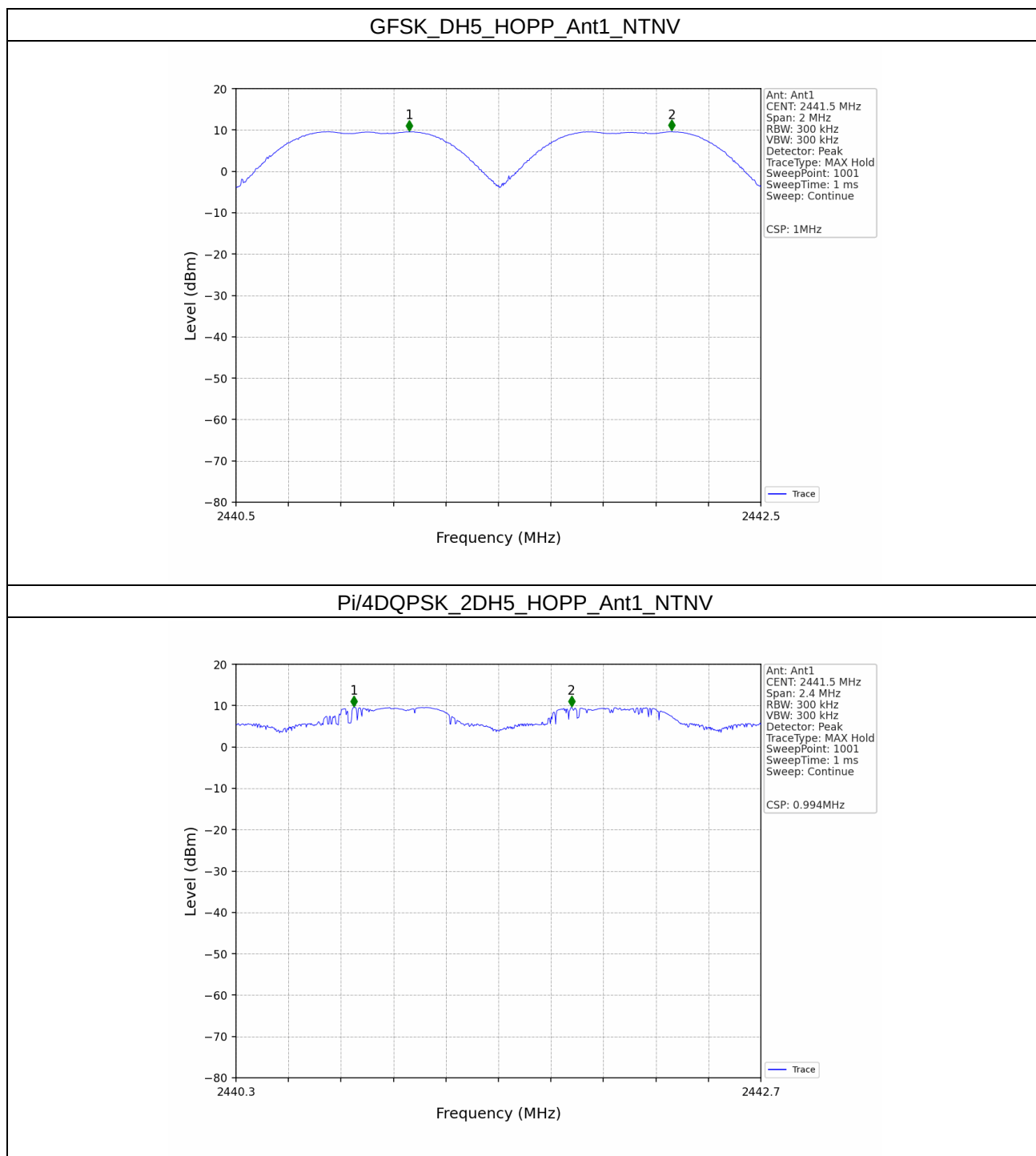
3.1 Test Result

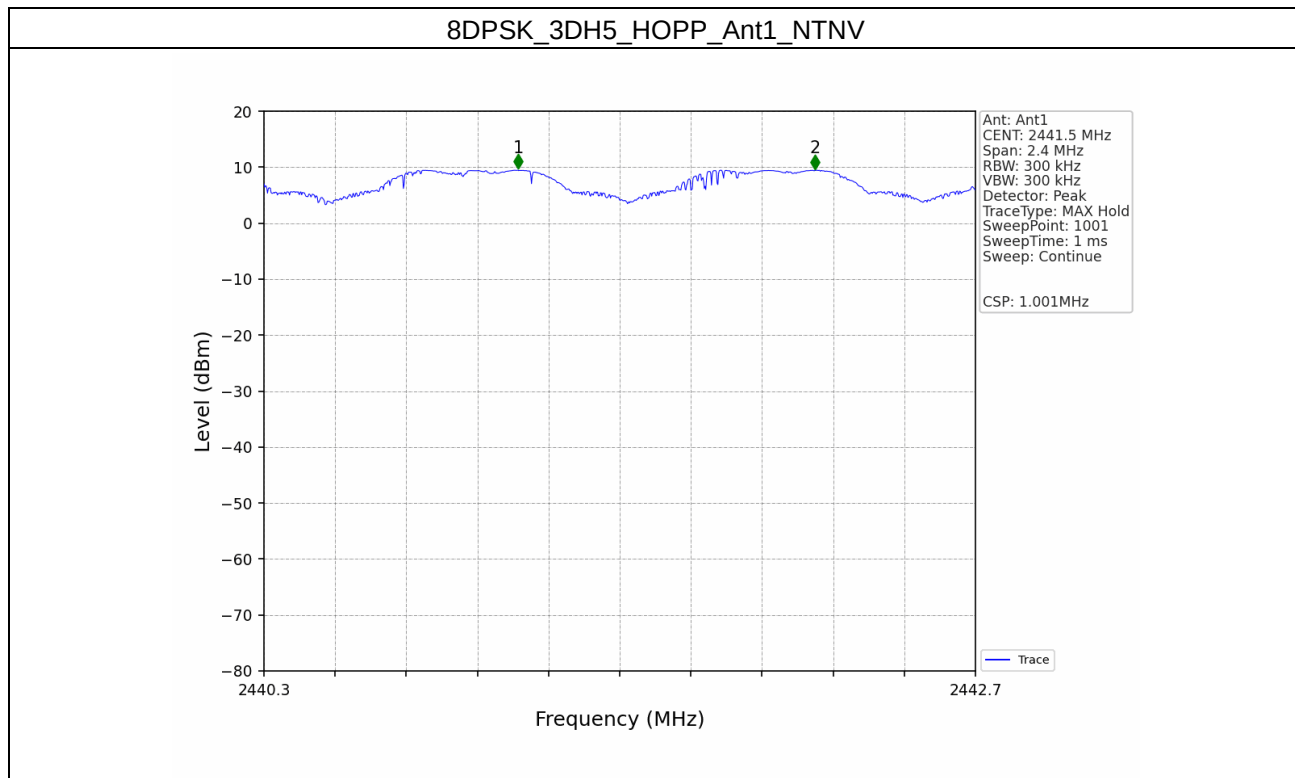
3.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	Packet Type	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
GFSK	SISO	HOPP	DH5	1.000	1.033	≥ 0.689	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	0.994	1.202	≥ 0.801	Pass
8DPSK	SISO	HOPP	3DH5	1.001	1.210	≥ 0.807	Pass

3.2 Test Graph

3.2.1 Ant1





4. Number of Hopping Frequencies

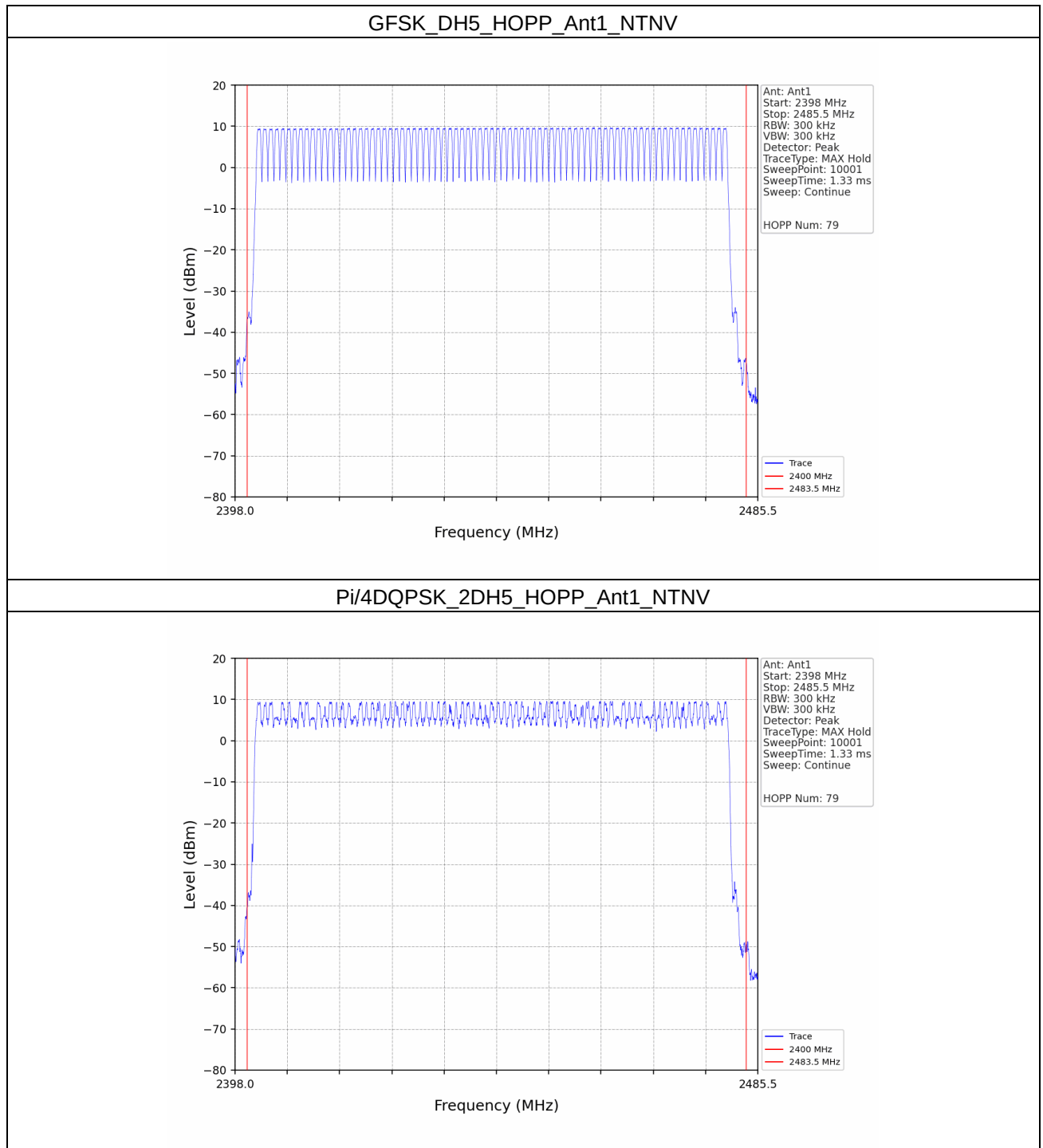
4.1 Test Result

4.1.1 HoppNum

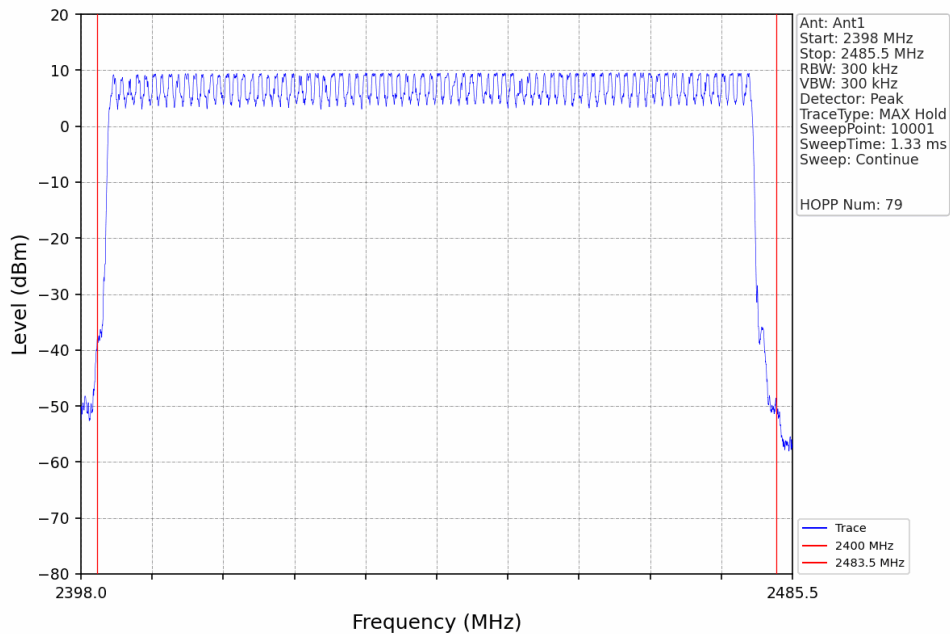
Mode	TX Type	Frequency (MHz)	Packet Type	Num of Hopping Frequencies		Verdict
				ANT1	Limit	
GFSK	SISO	HOPP	DH5	79	>=15	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	79	>=15	Pass
8DPSK	SISO	HOPP	3DH5	79	>=15	Pass

4.2 Test Graph

4.2.1 HoppNum



8DPSK_3DH5_HOPP_Ant1_NTNV



5. Time of Occupancy (Dwell Time)

5.1 Test Result

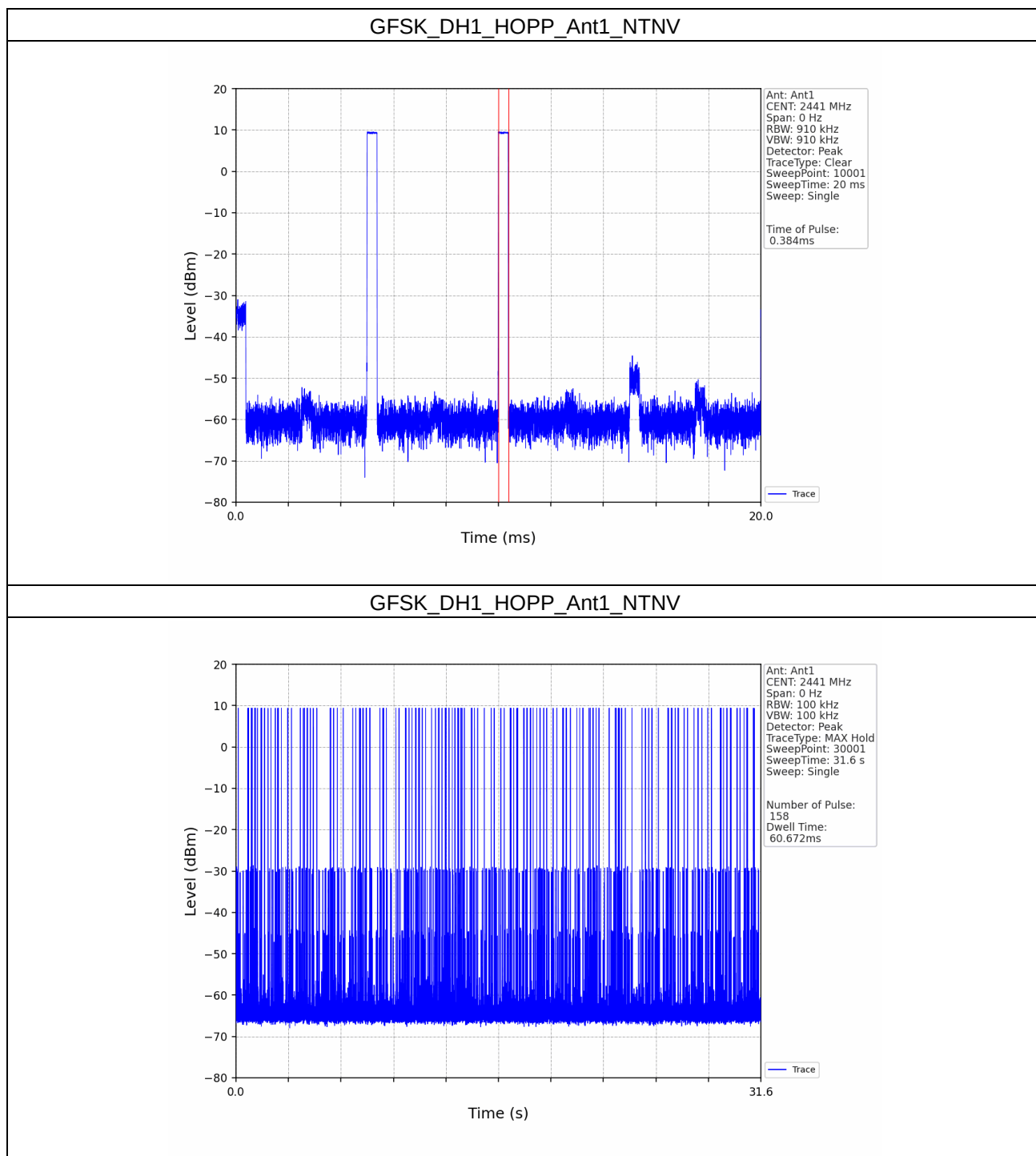
5.1.1 Ant1

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	0.384	31.600	158	60.672	<=400	Pass
			DH3	1.650	31.600	113	186.450	<=400	Pass
			DH5	2.898	31.600	84	243.432	<=400	Pass
Pi/4DQPSK	SISO	HOPP	2DH1	0.394	31.600	173	68.162	<=400	Pass
			2DH3	1.656	31.600	105	173.880	<=400	Pass
			2DH5	2.896	31.600	92	266.432	<=400	Pass
8DPSK	SISO	HOPP	3DH1	0.392	31.600	175	68.600	<=400	Pass
			3DH3	1.654	31.600	108	178.632	<=400	Pass
			3DH5	2.906	31.600	86	249.916	<=400	Pass

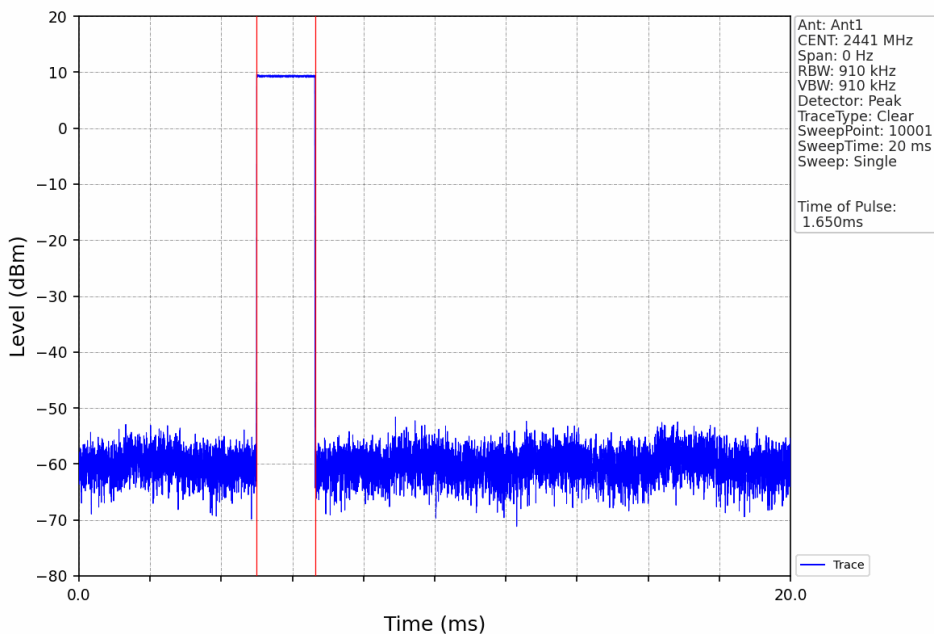


5.2 Test Graph

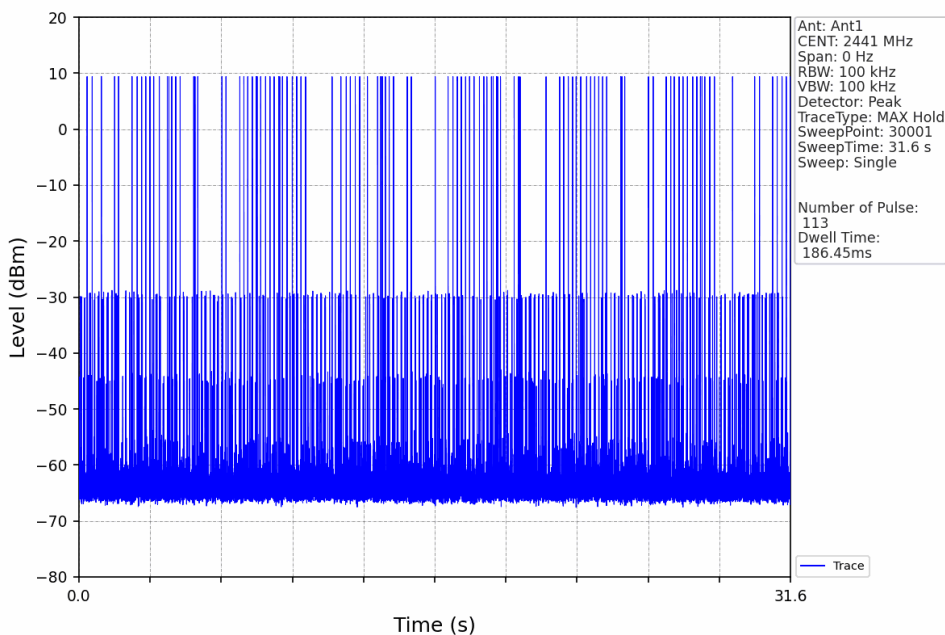
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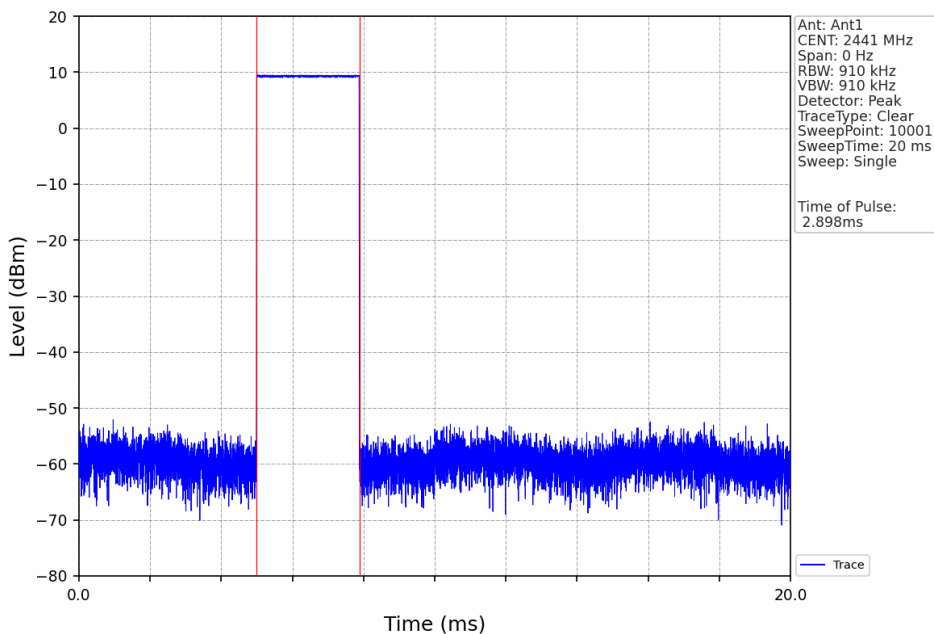
GFSK_DH3_HOPP_Ant1_NTNV



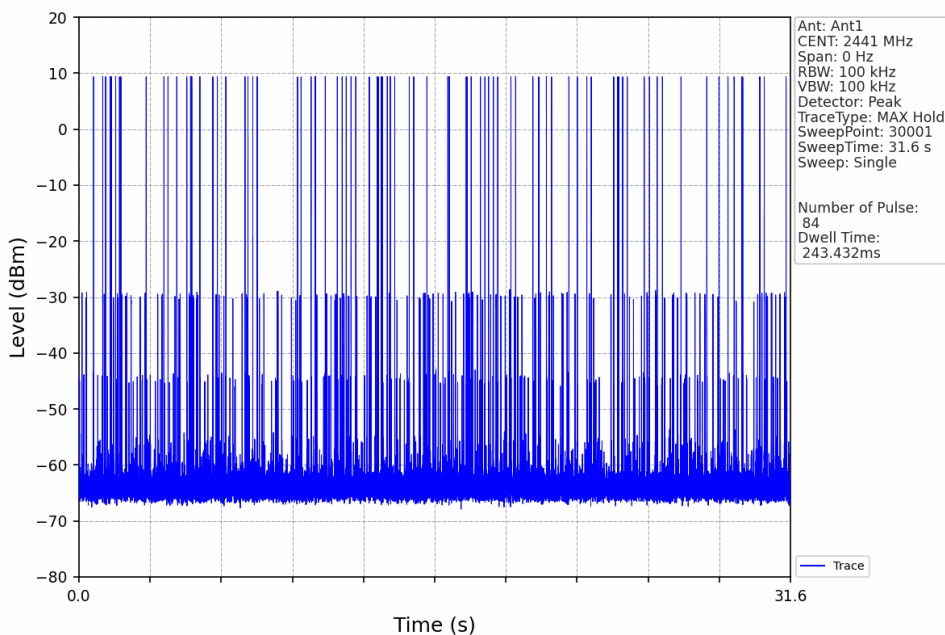
GFSK_DH3_HOPP_Ant1_NTNV



GFSK_DH5_HOPP_Ant1_NTNV



GFSK_DH5_HOPP_Ant1_NTNV



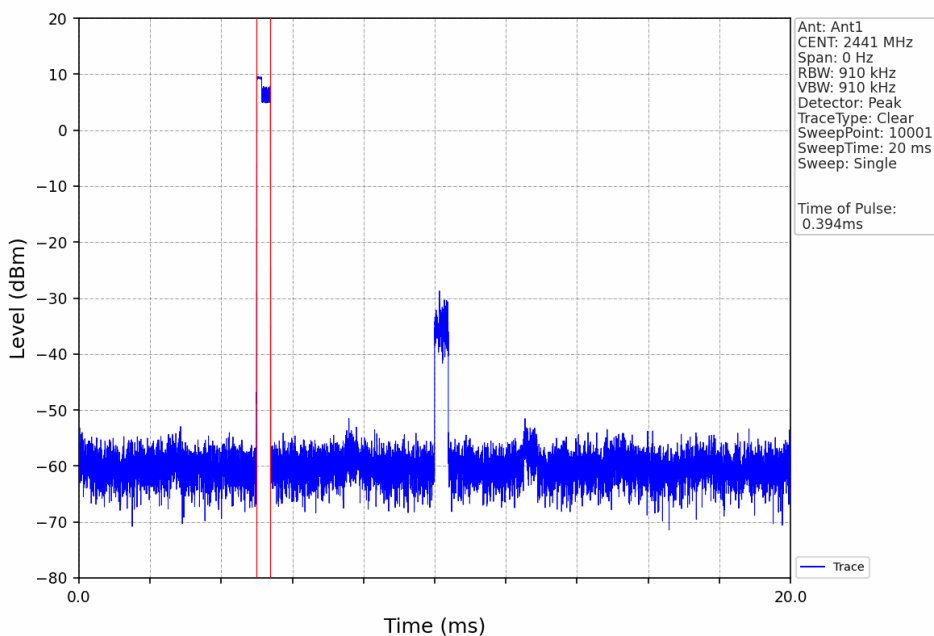
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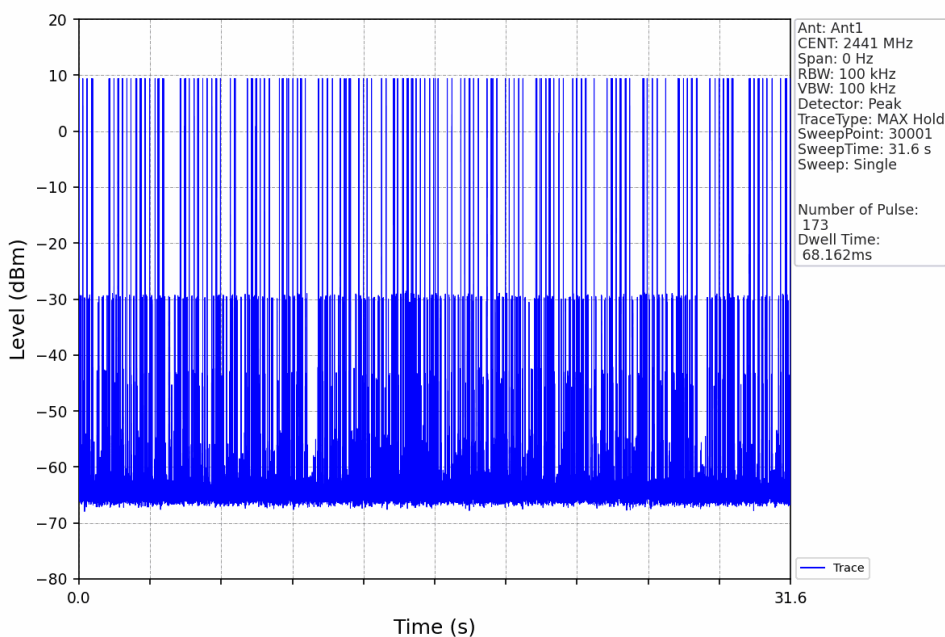
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Pi/4DQPSK_2DH1_HOPP_Ant1_NTNV



Pi/4DQPSK_2DH1_HOPP_Ant1_NTNV



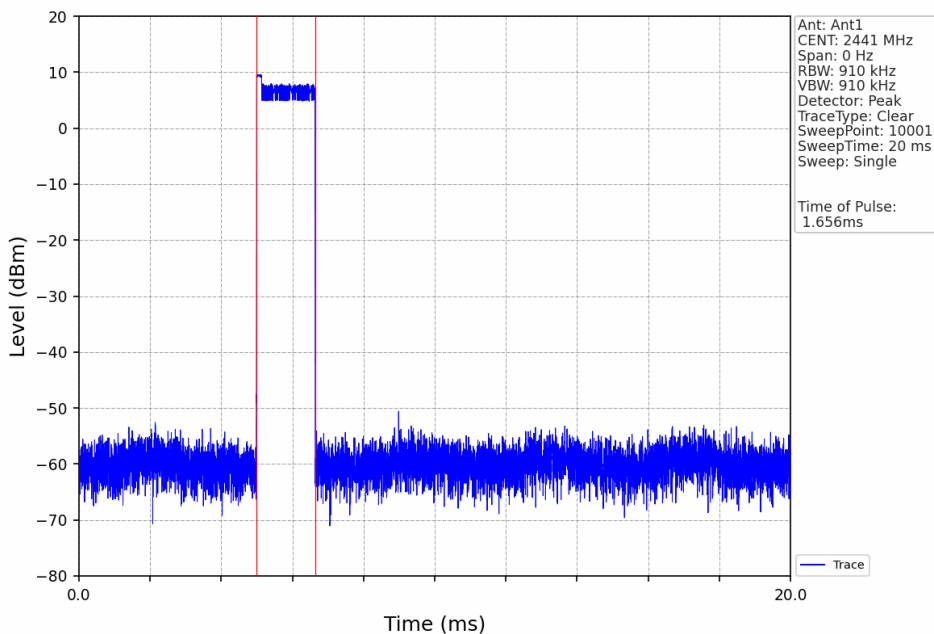
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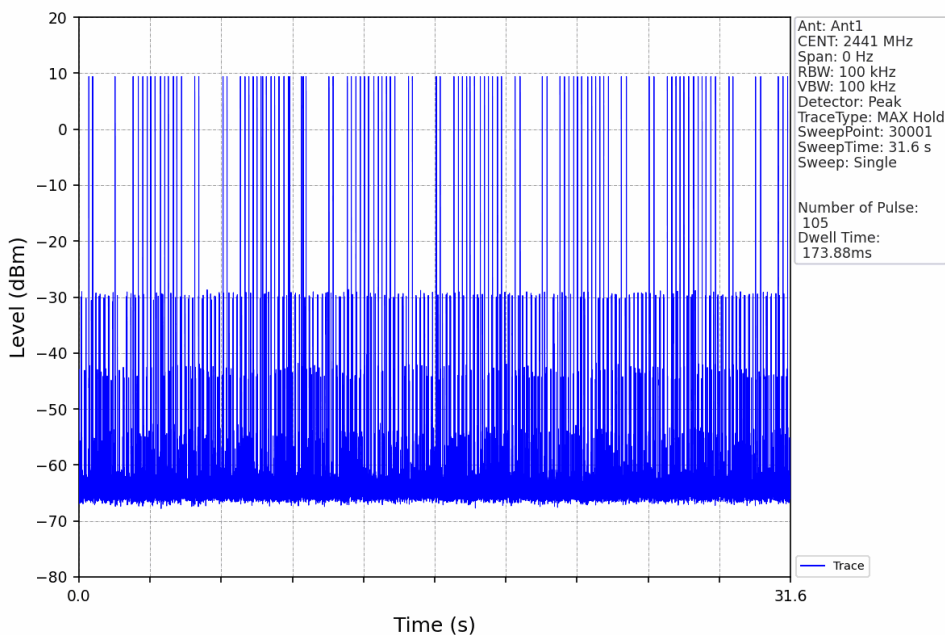
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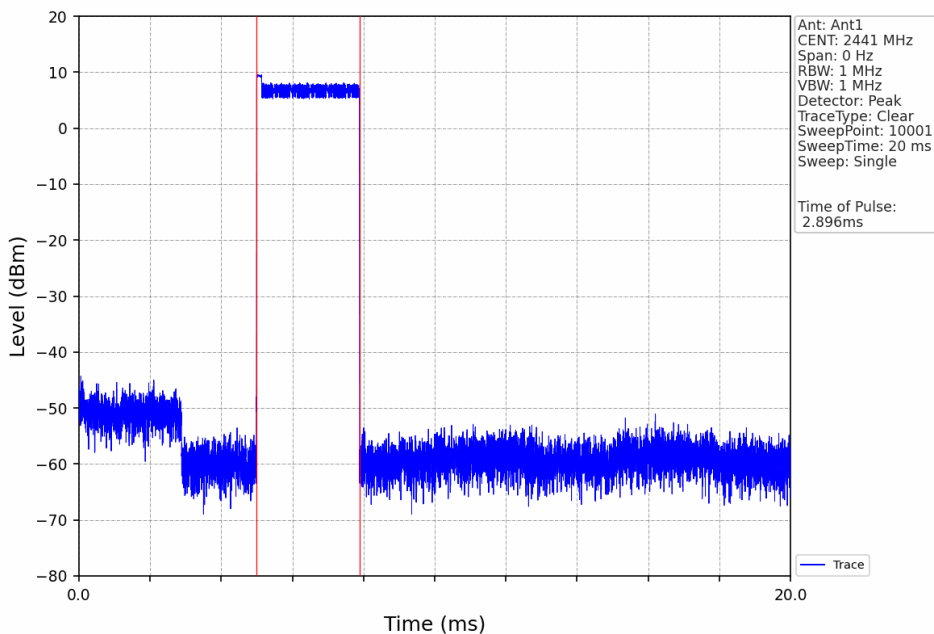
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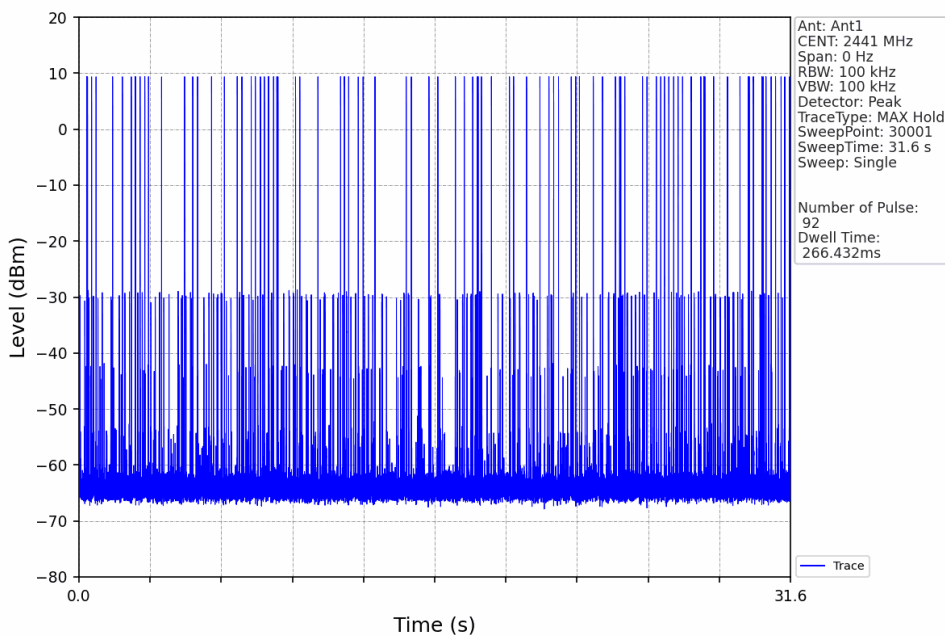
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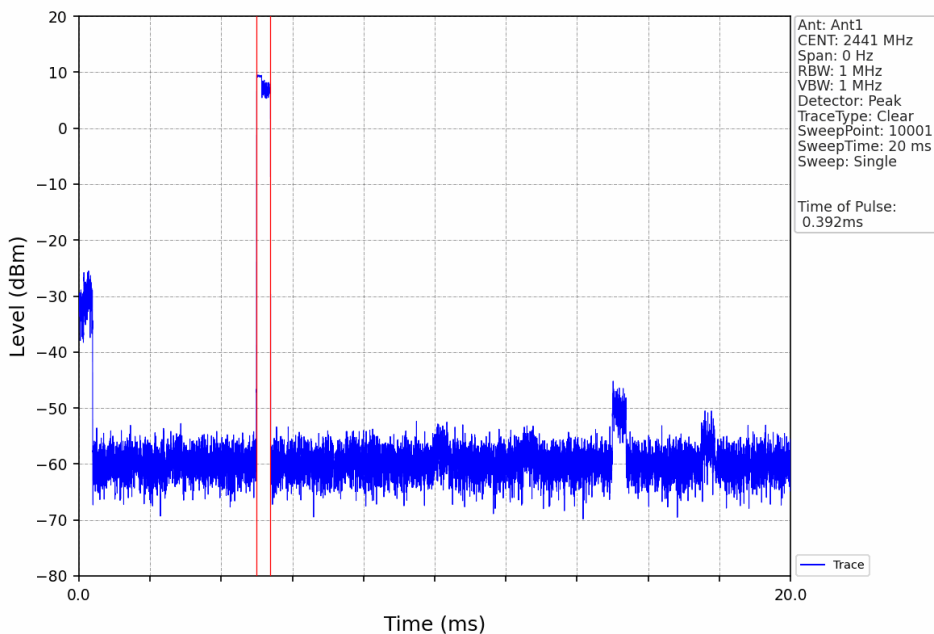
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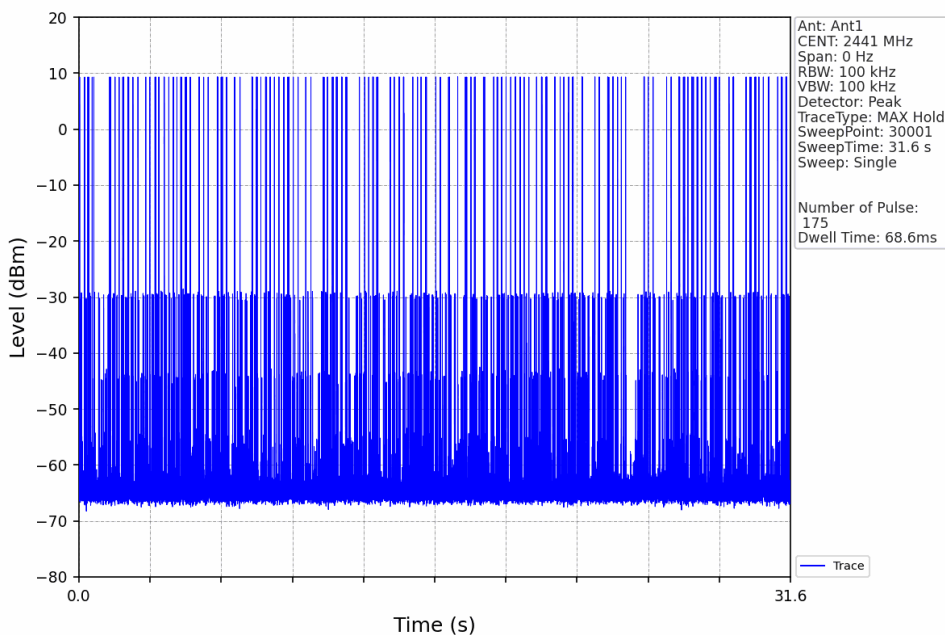
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8DPSK_3DH1_HOPP_Ant1_NTNV



8DPSK_3DH1_HOPP_Ant1_NTNV



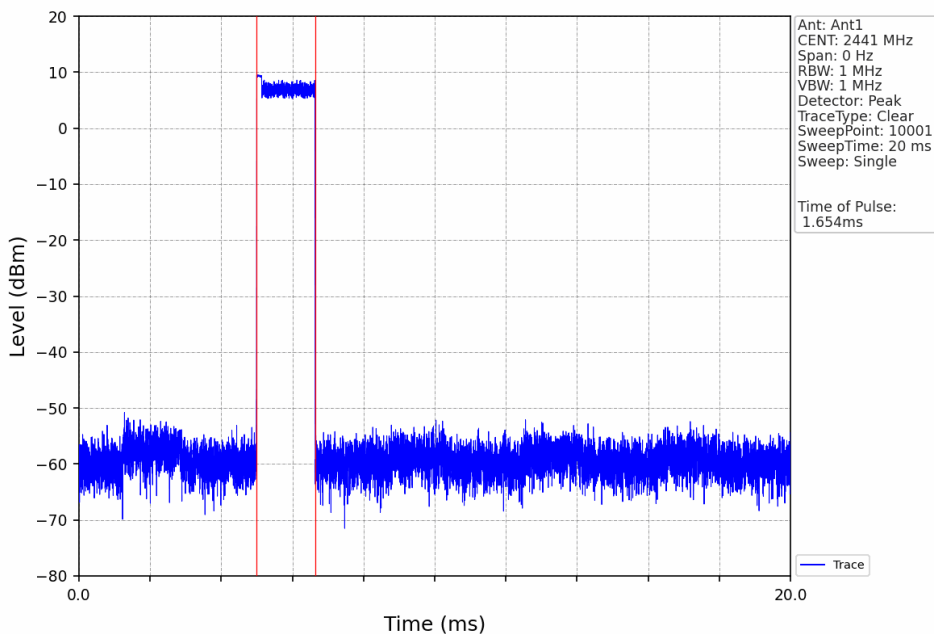
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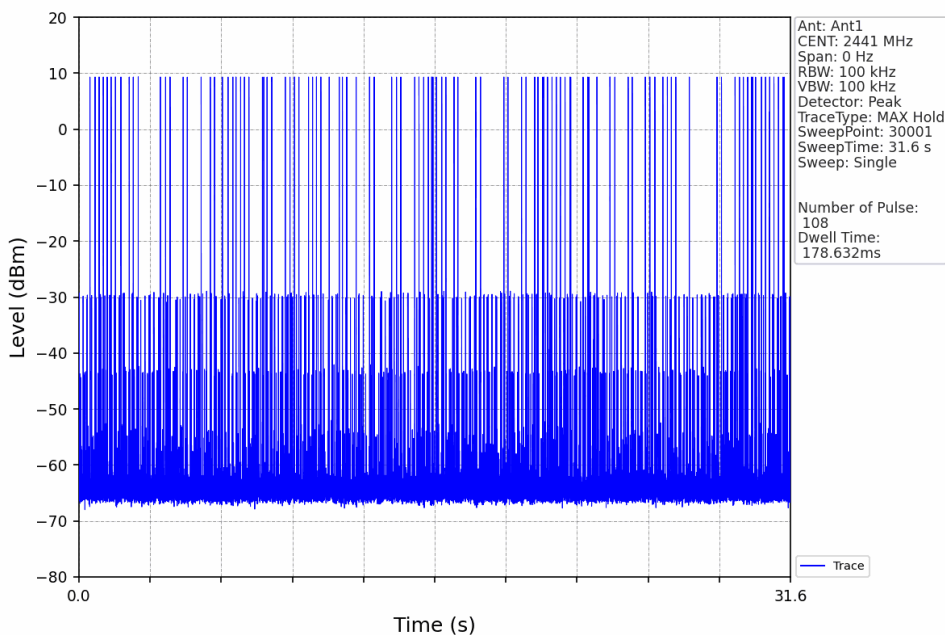
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8DPSK_3DH3_HOPP_Ant1_NTNV



8DPSK_3DH3_HOPP_Ant1_NTNV



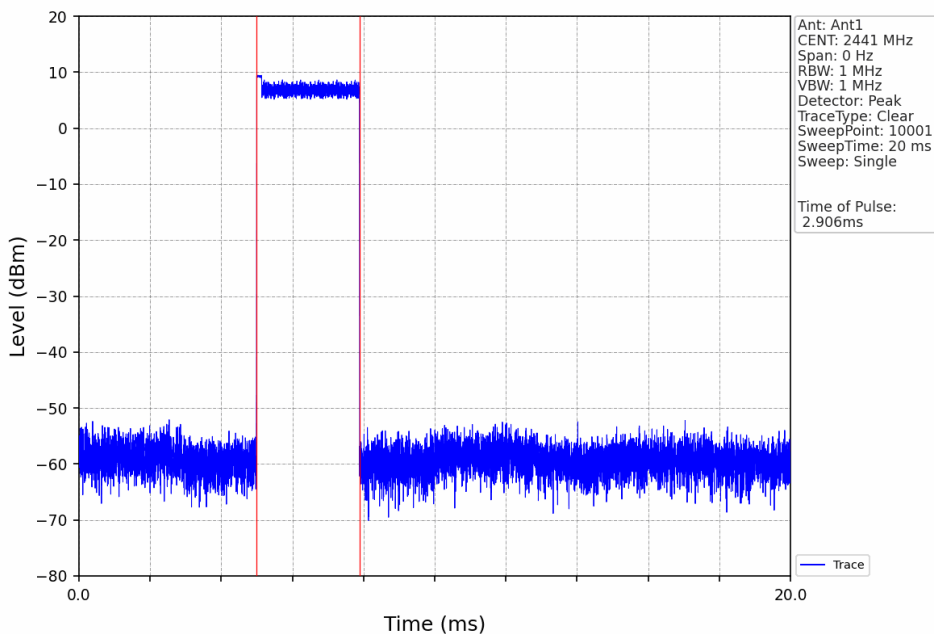
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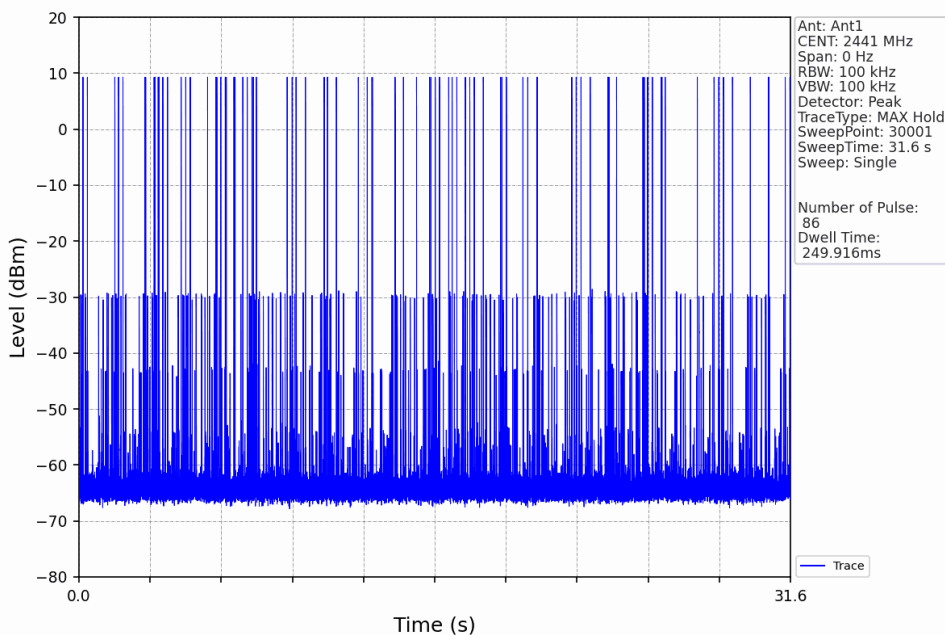
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8DPSK_3DH5_HOPP_Ant1_NTNV



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	9.12
		2441	DH5	1	9.44
		2480	DH5	1	9.46
Pi/4DQPSK	SISO	2402	2DH5	1	9.10
		2441	2DH5	1	9.35
		2480	2DH5	1	9.15
8DPSK	SISO	2402	3DH5	1	9.09
		2441	3DH5	1	9.35
		2480	3DH5	1	9.22

6.1.2 CSE

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	DH5	1	9.46	-10.54	Pass
		2441	DH5	1	9.46	-10.54	Pass
		2480	DH5	1	9.46	-10.54	Pass
		HOPP	DH5	1	9.46	-10.54	Pass
					9.46	-10.54	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	9.35	-10.65	Pass
		2441	2DH5	1	9.35	-10.65	Pass
		2480	2DH5	1	9.35	-10.65	Pass
		HOPP	2DH5	1	9.35	-10.65	Pass
					9.35	-10.65	Pass
8DPSK	SISO	2402	3DH5	1	9.35	-10.65	Pass
		2441	3DH5	1	9.35	-10.65	Pass
		2480	3DH5	1	9.35	-10.65	Pass
		HOPP	3DH5	1	9.35	-10.65	Pass
					9.35	-10.65	Pass



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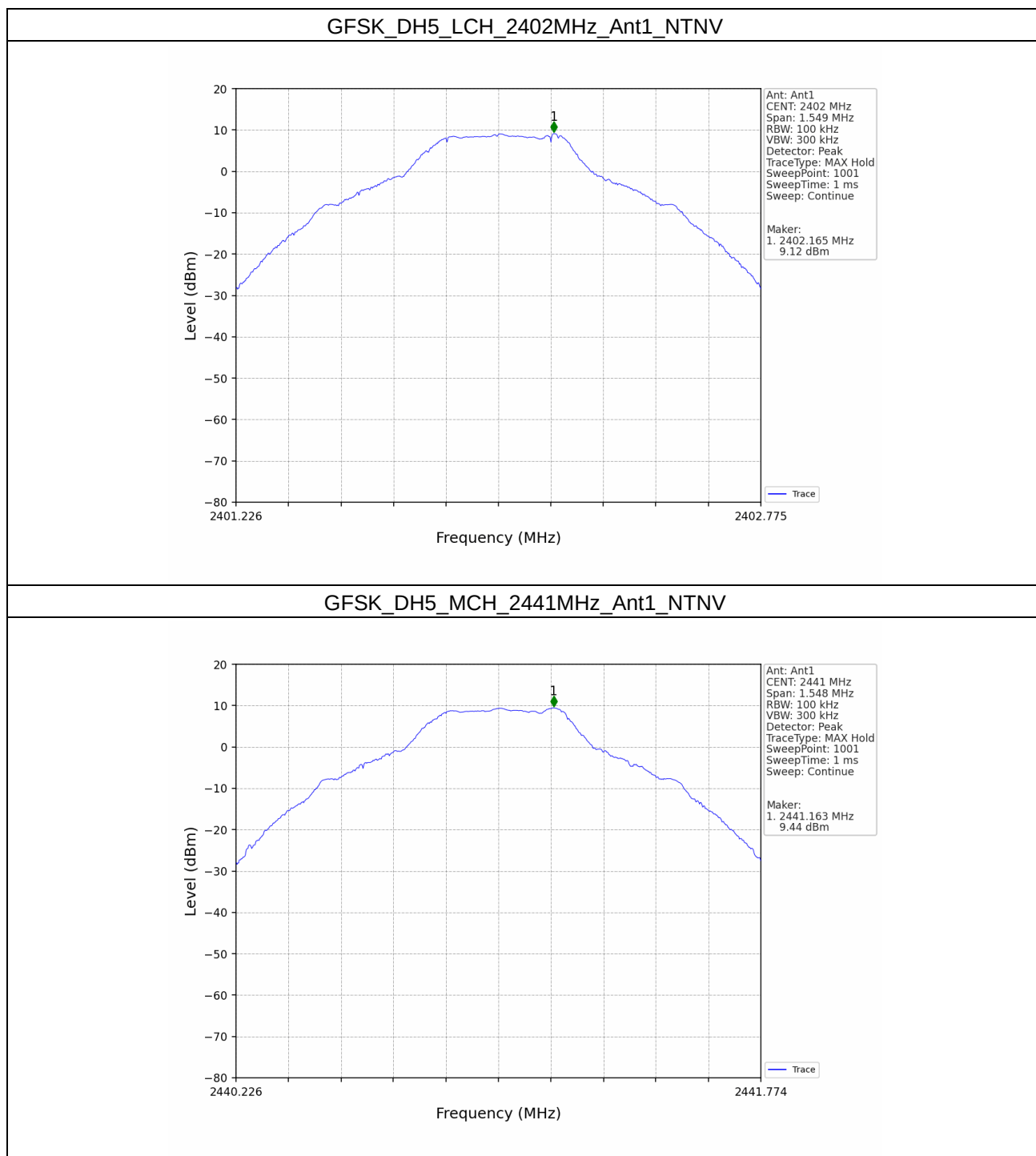
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6.2 Test Graph

6.2.1 Ref



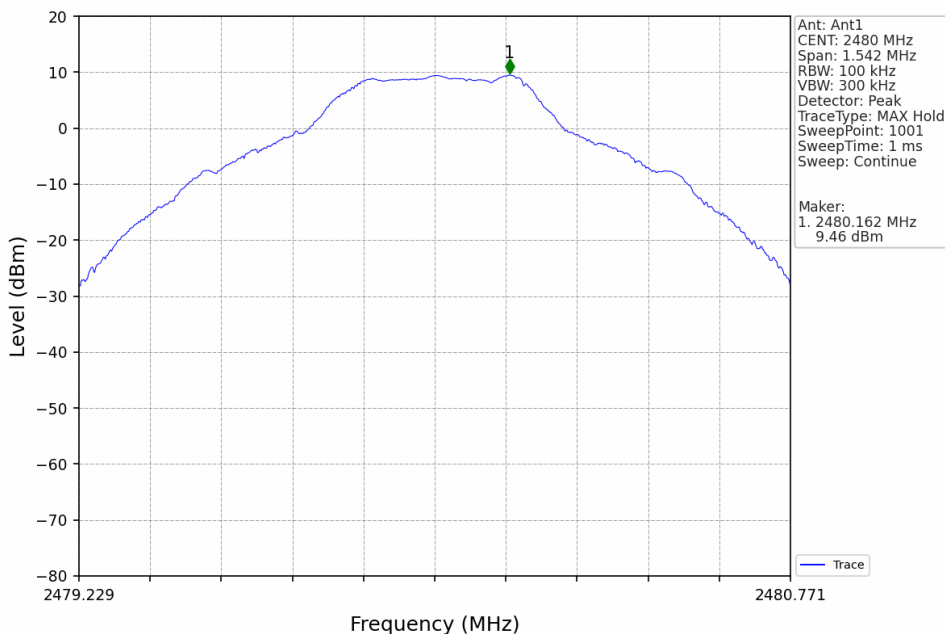
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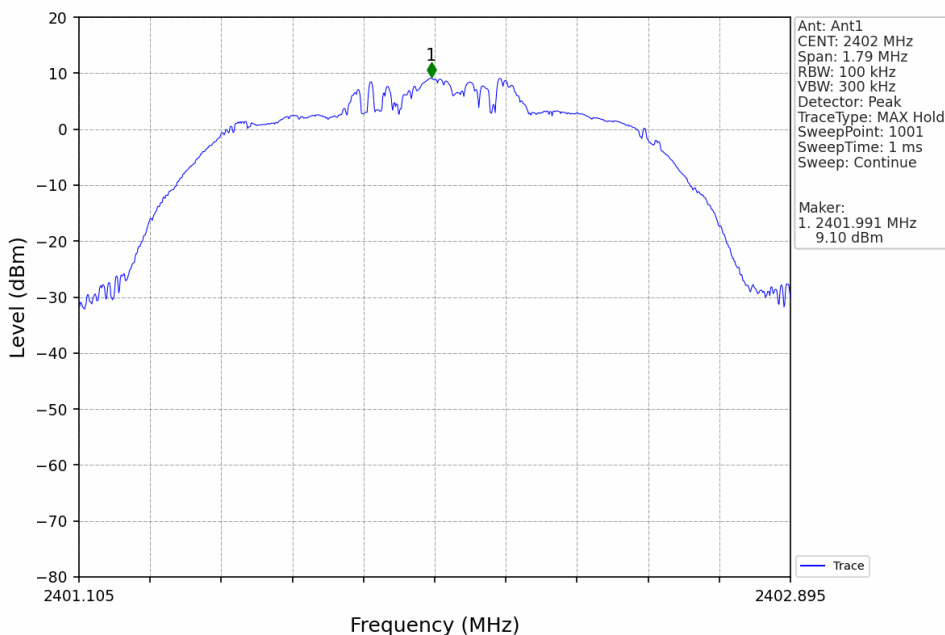
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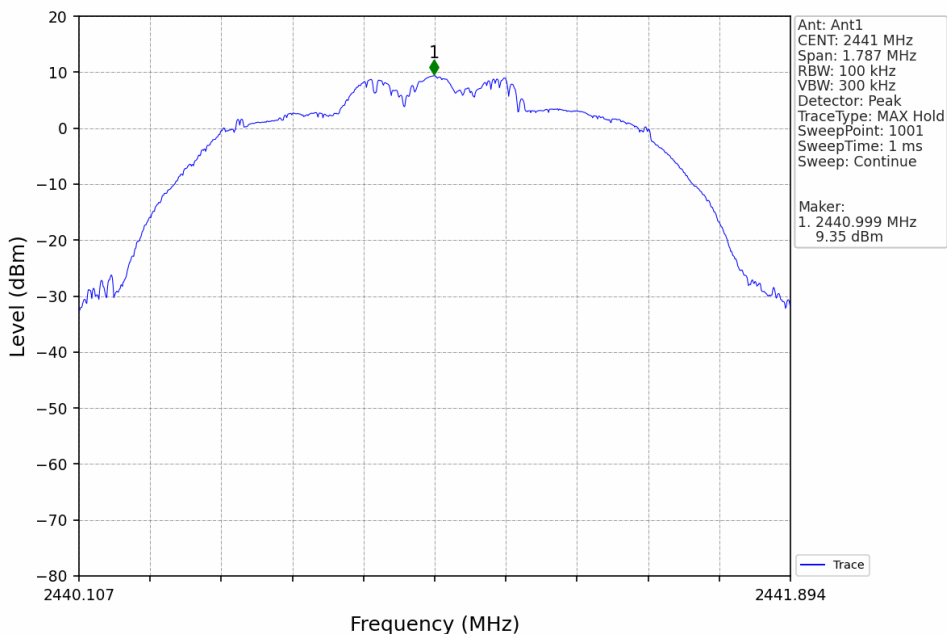
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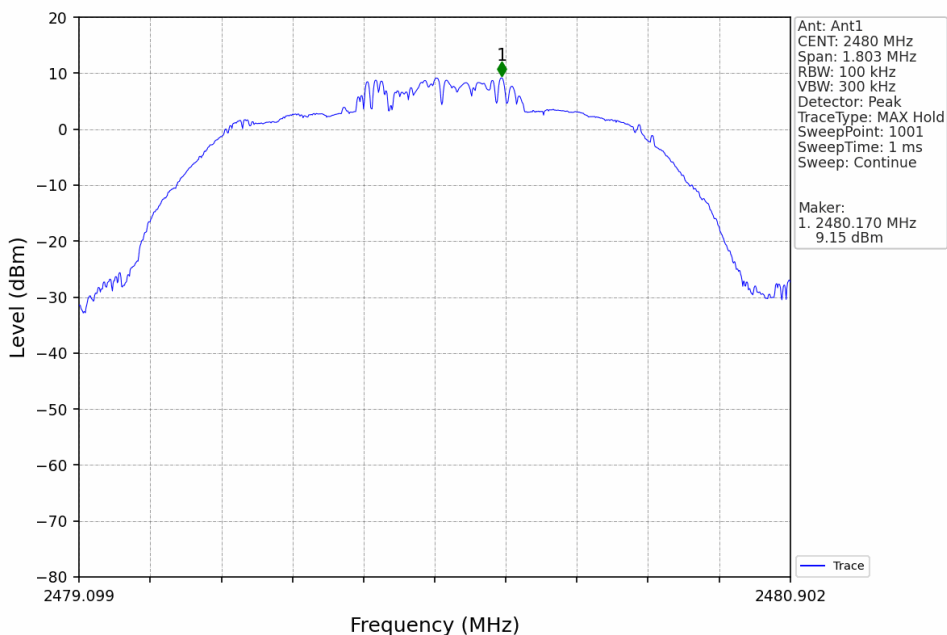
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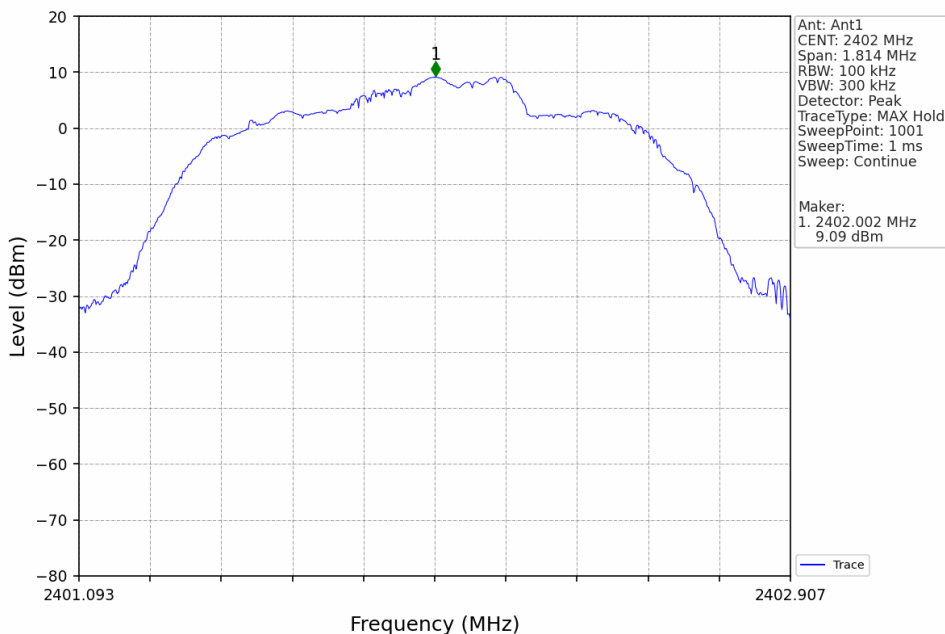
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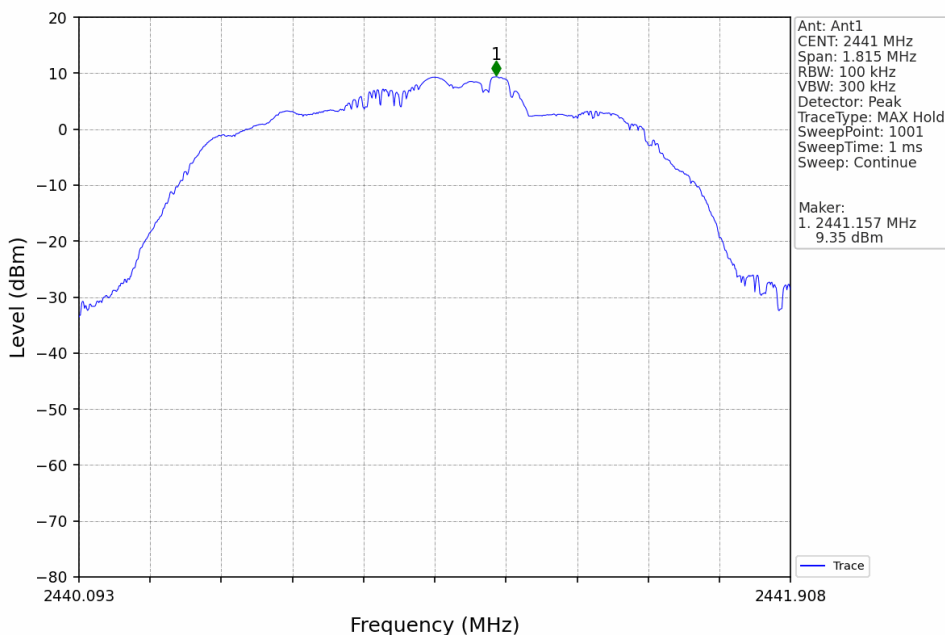
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8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



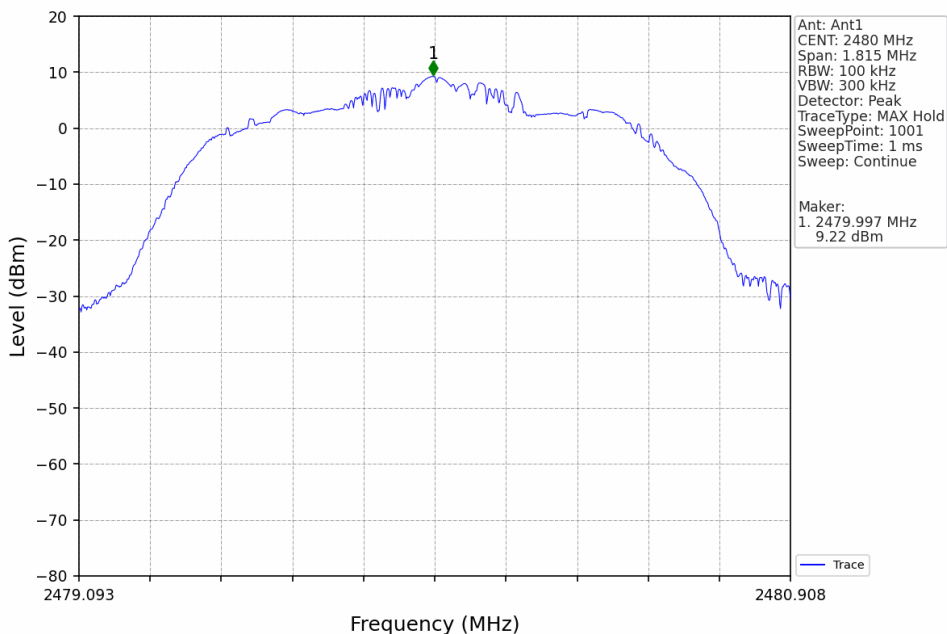
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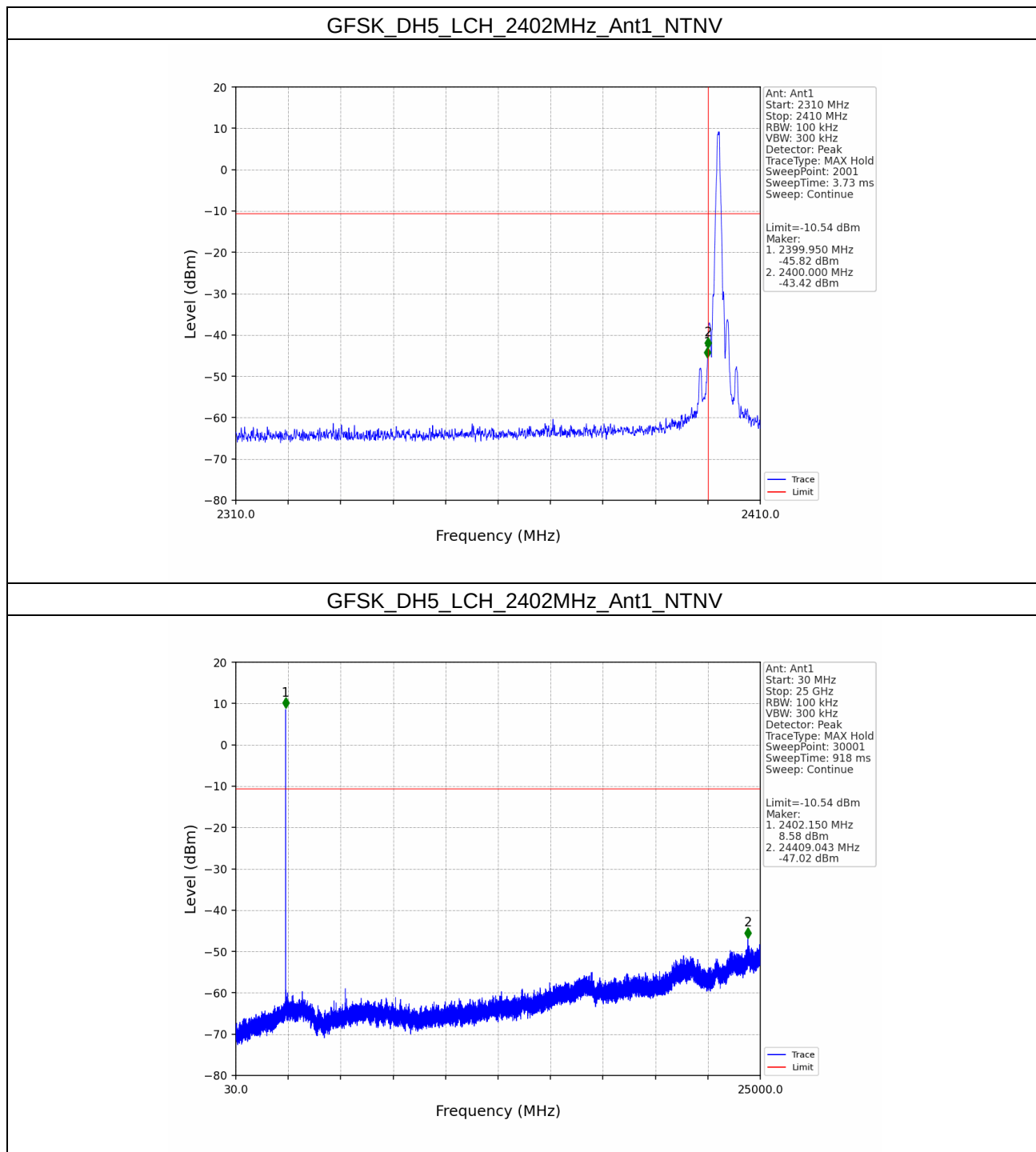
8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



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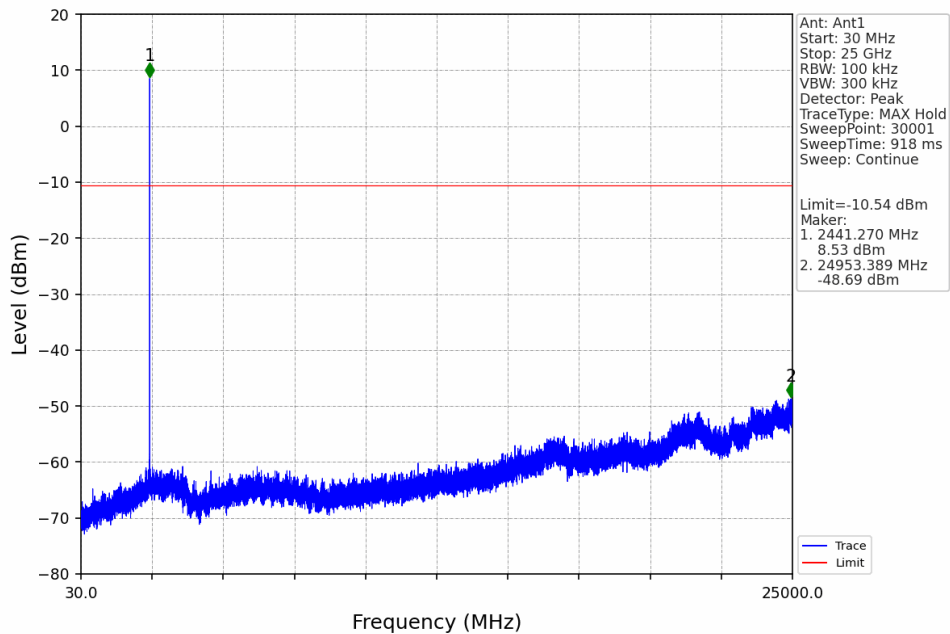
6.2.2 CSE



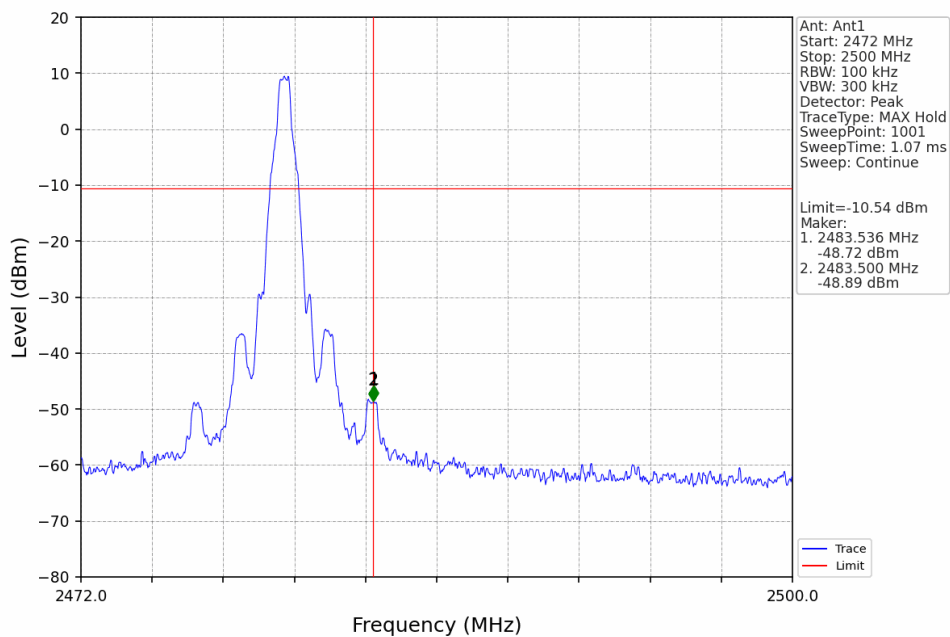
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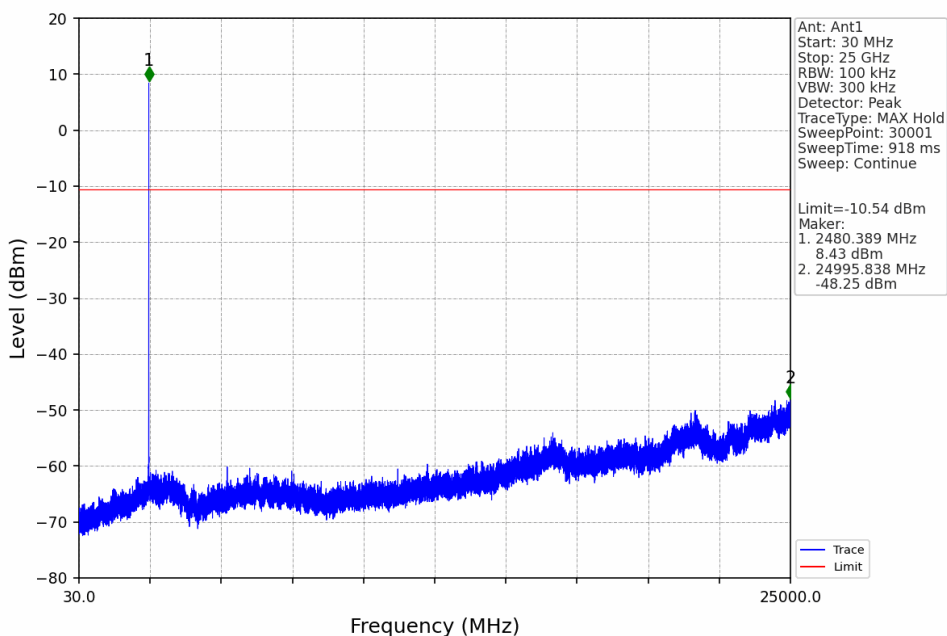
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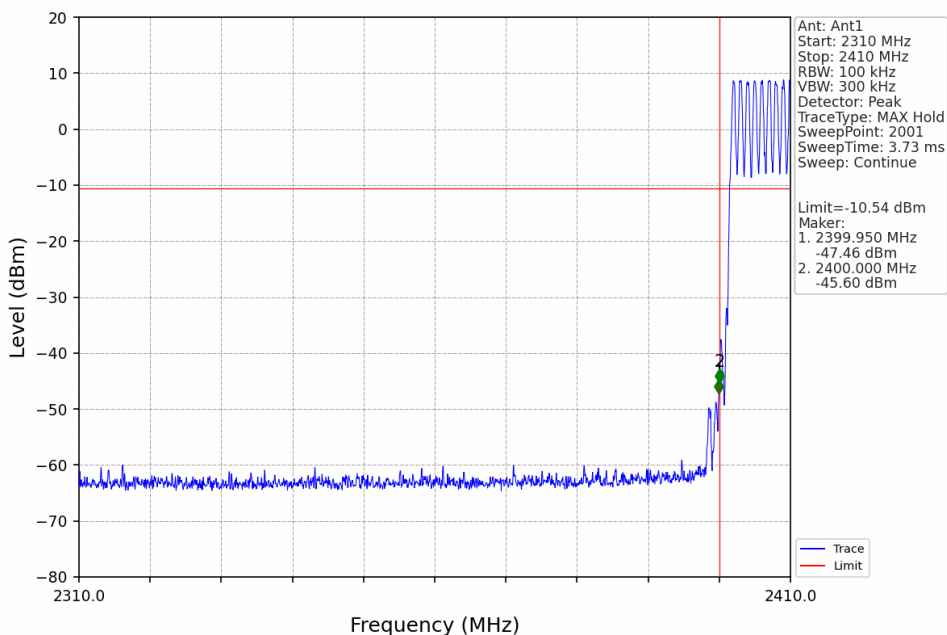
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GFSK_DH5_HCH_2480MHz_Ant1_NTNV



GFSK_DH5_HOPP_Ant1_NTNV



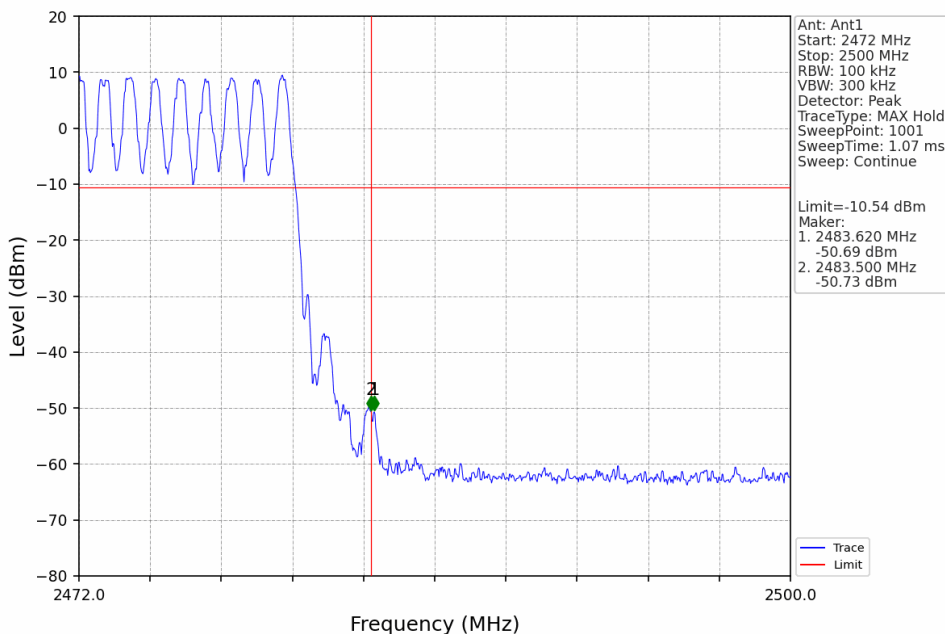
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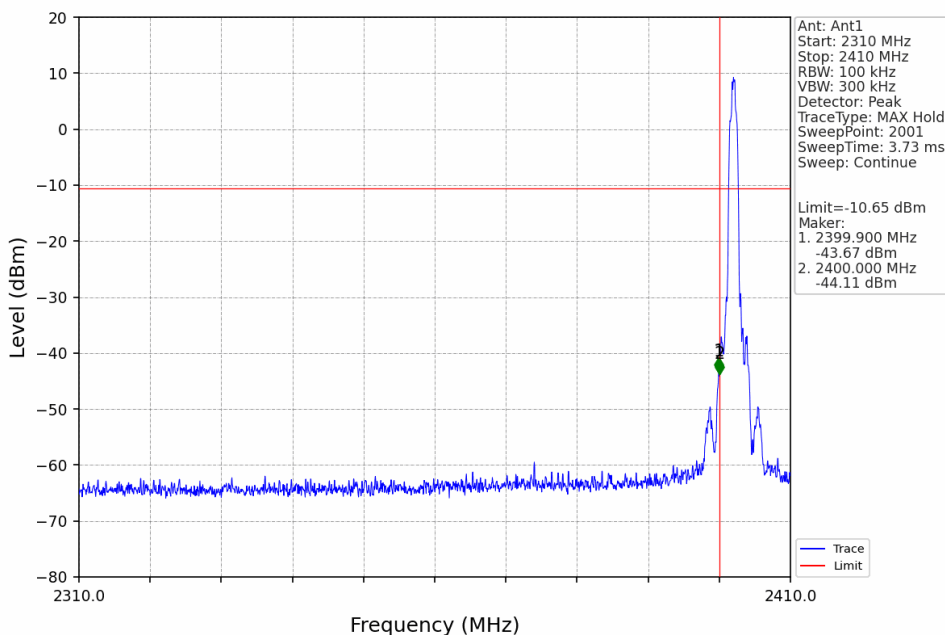
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GFSK_DH5_HOPP_Ant1_NTNV



Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



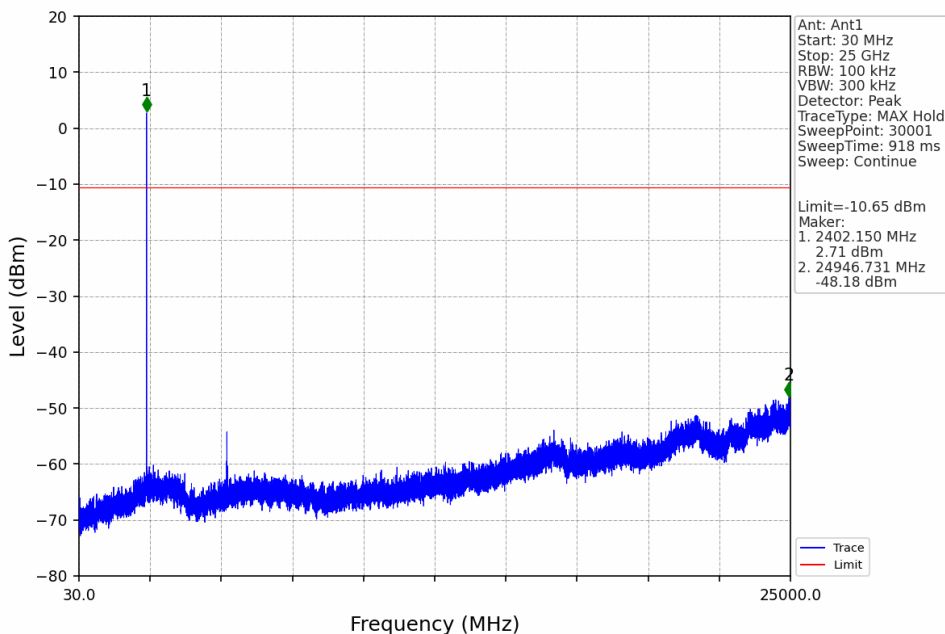
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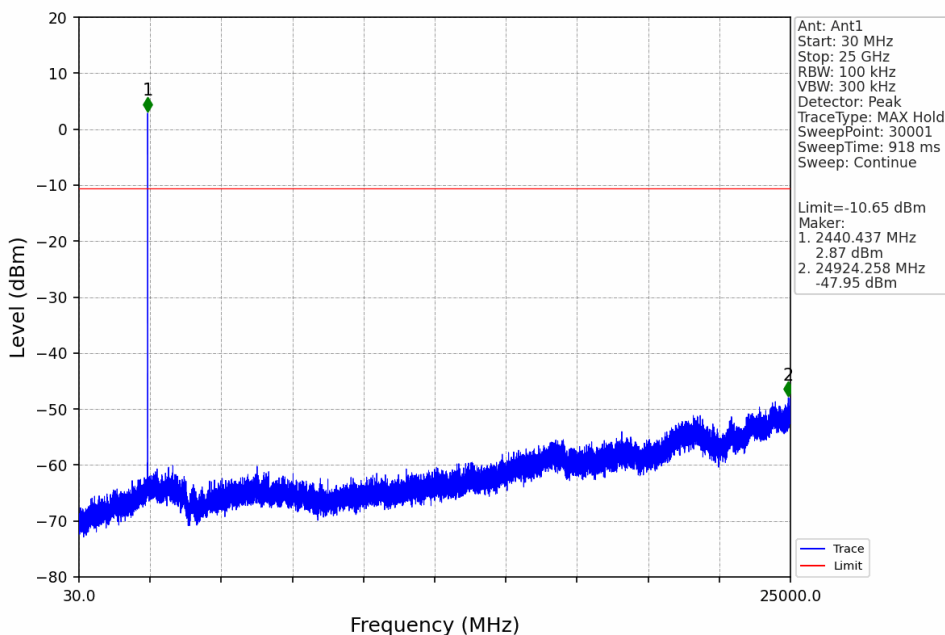
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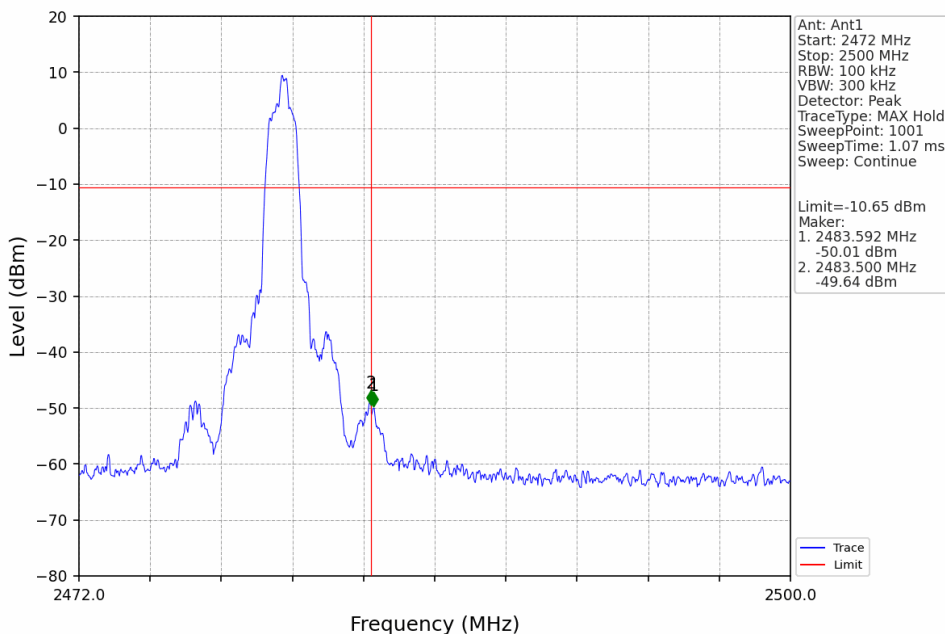
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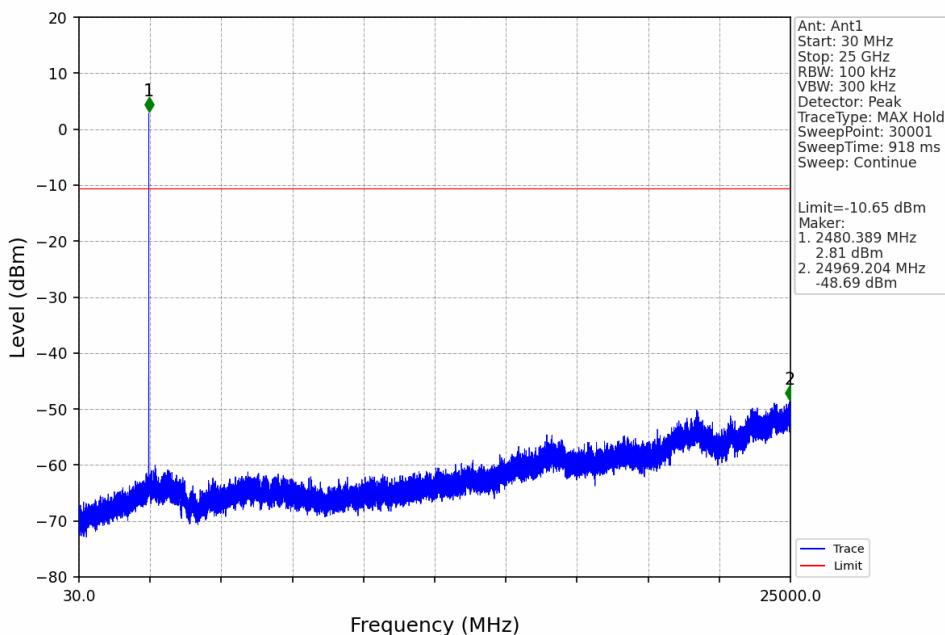
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Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



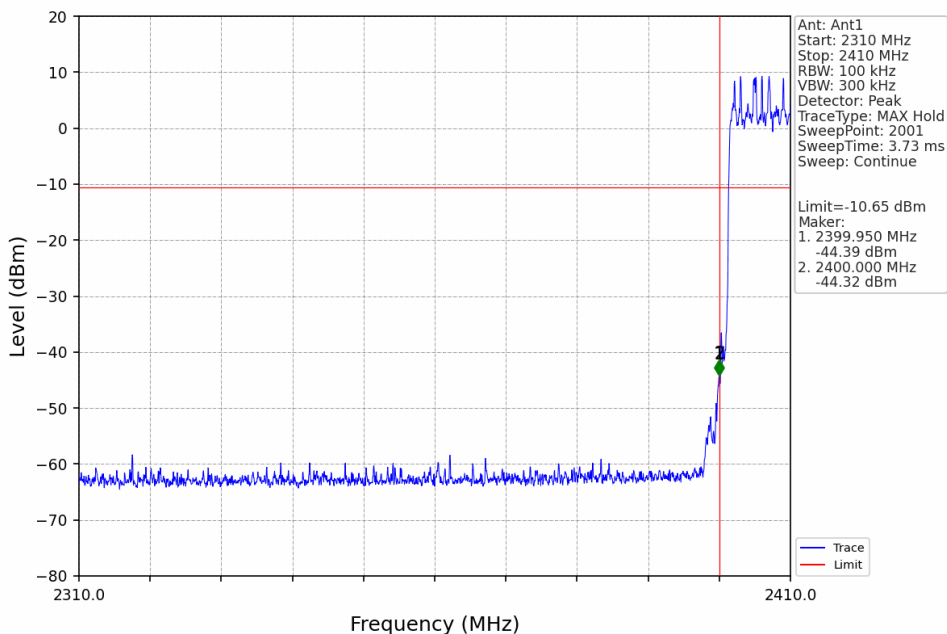
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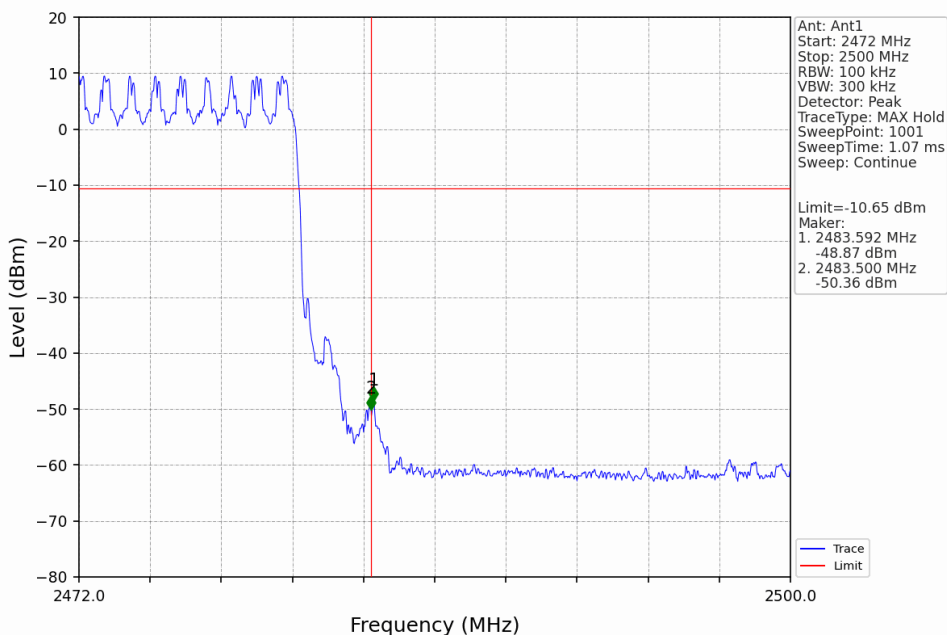
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Pi/4DQPSK_2DH5_HOPP_Ant1_NTNV



Pi/4DQPSK_2DH5_HOPP_Ant1_NTNV



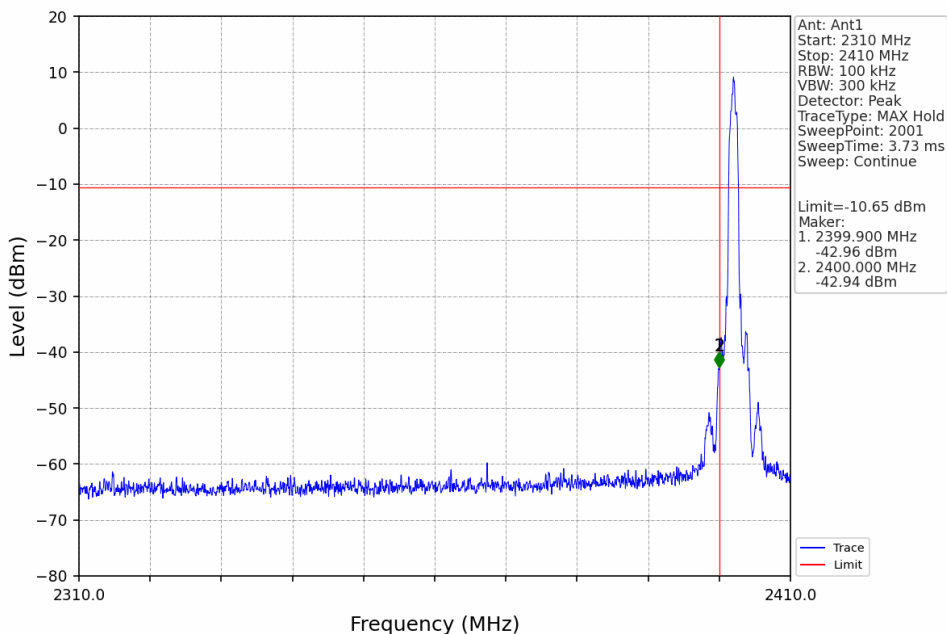
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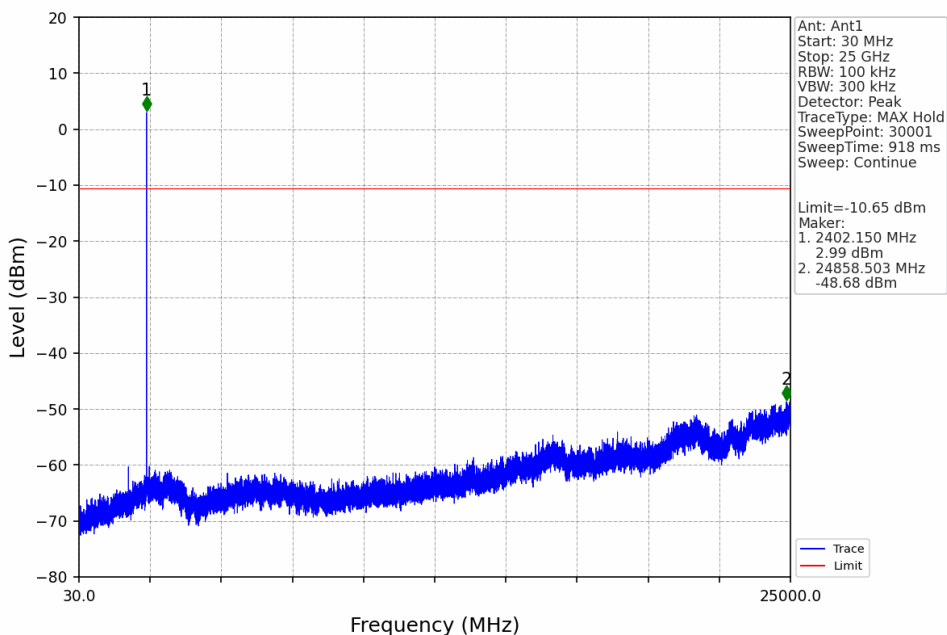
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8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



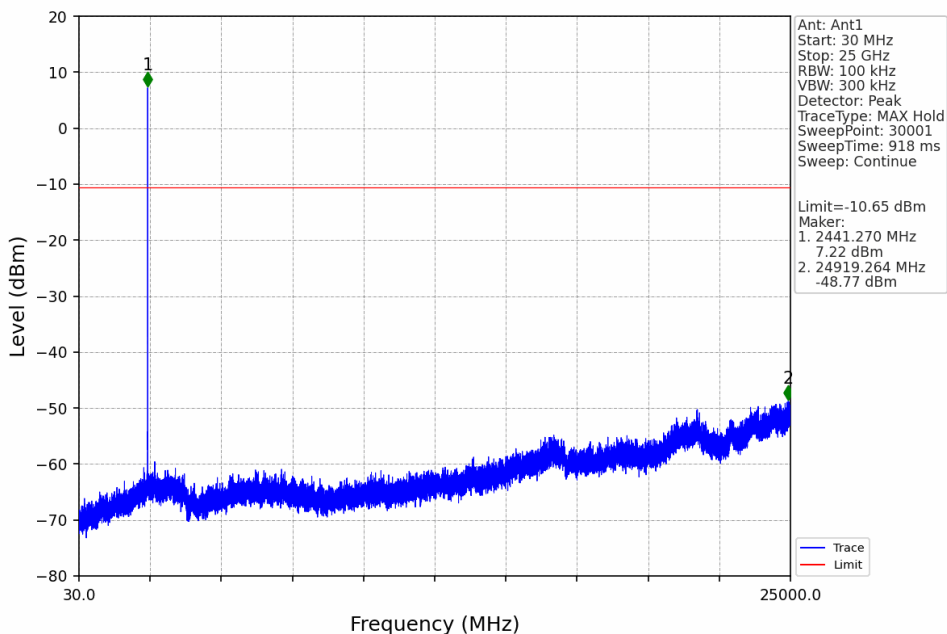
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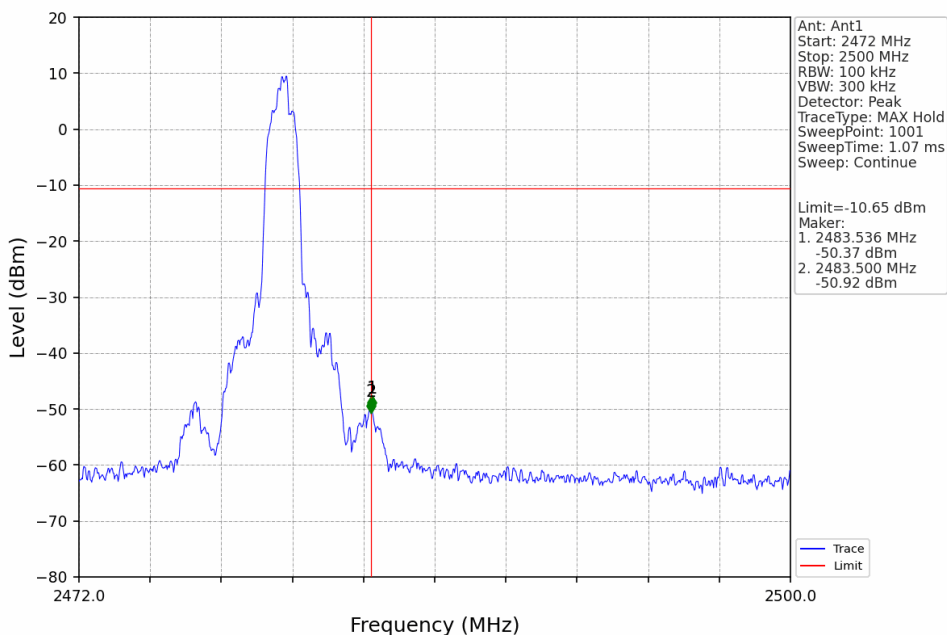
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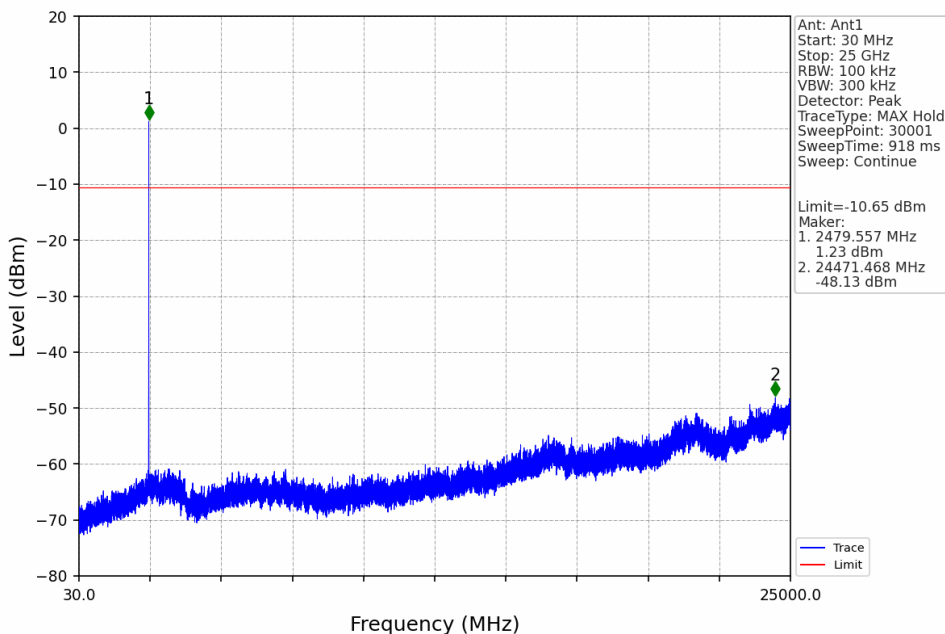
8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



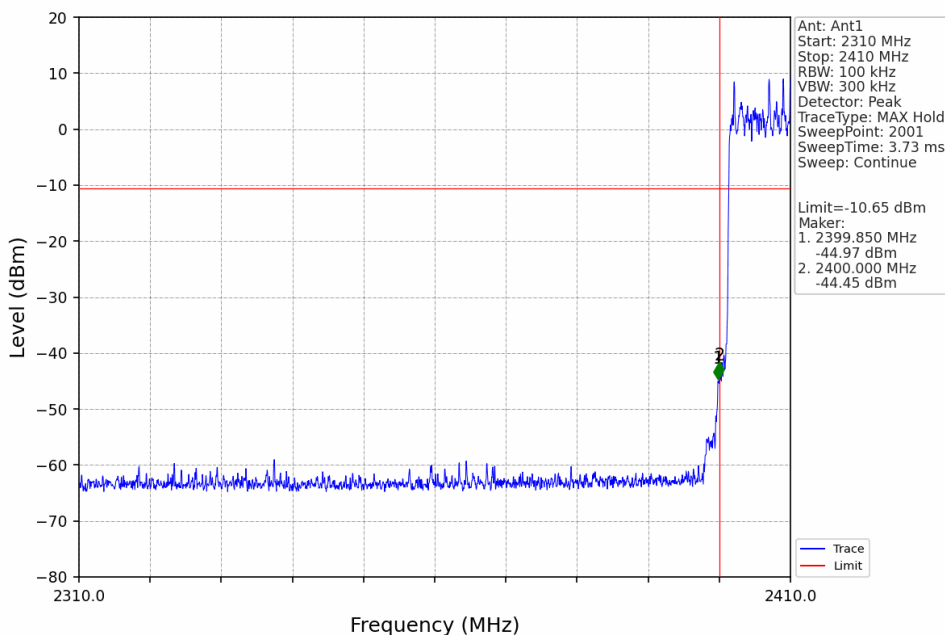
8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV

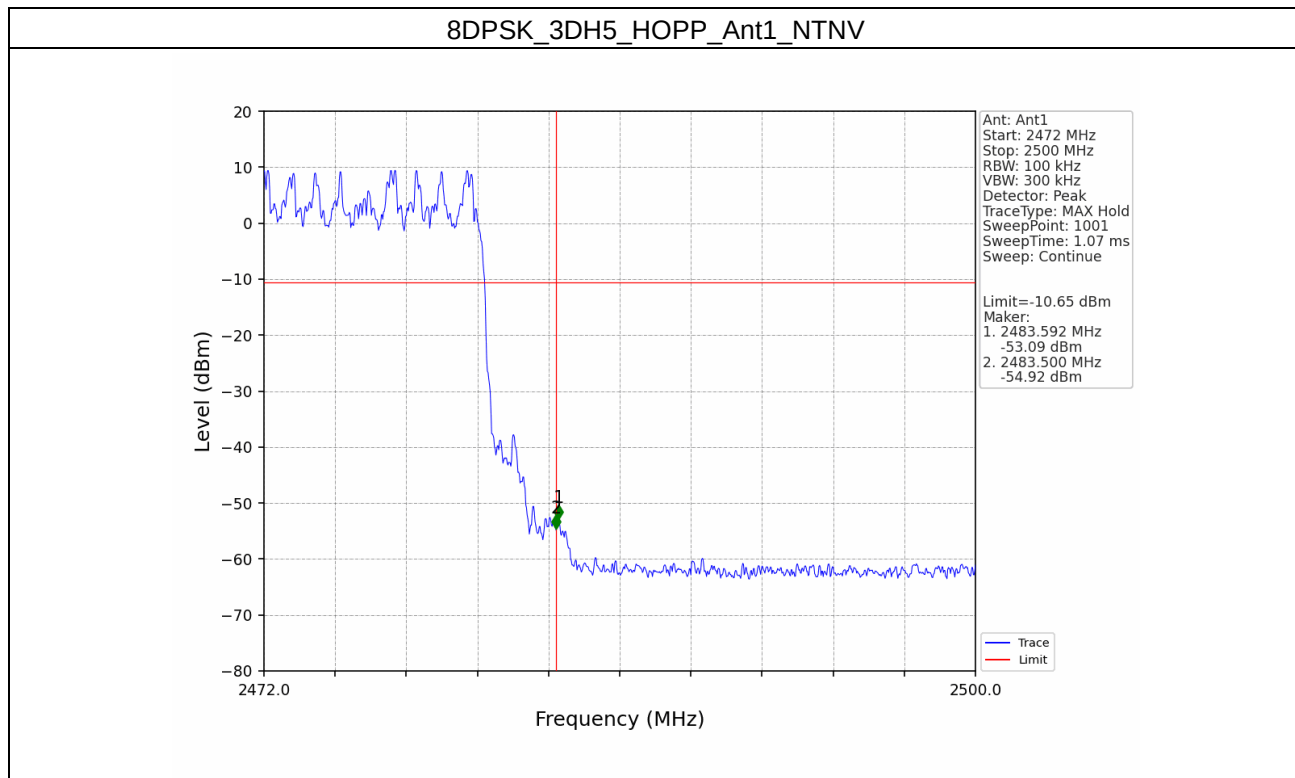


8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV





- End of the Report -