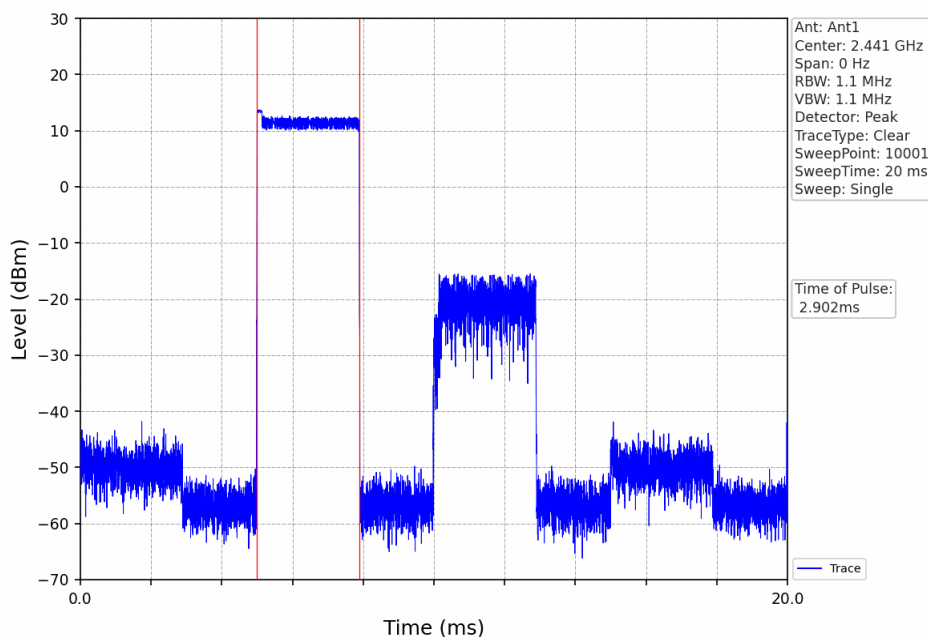
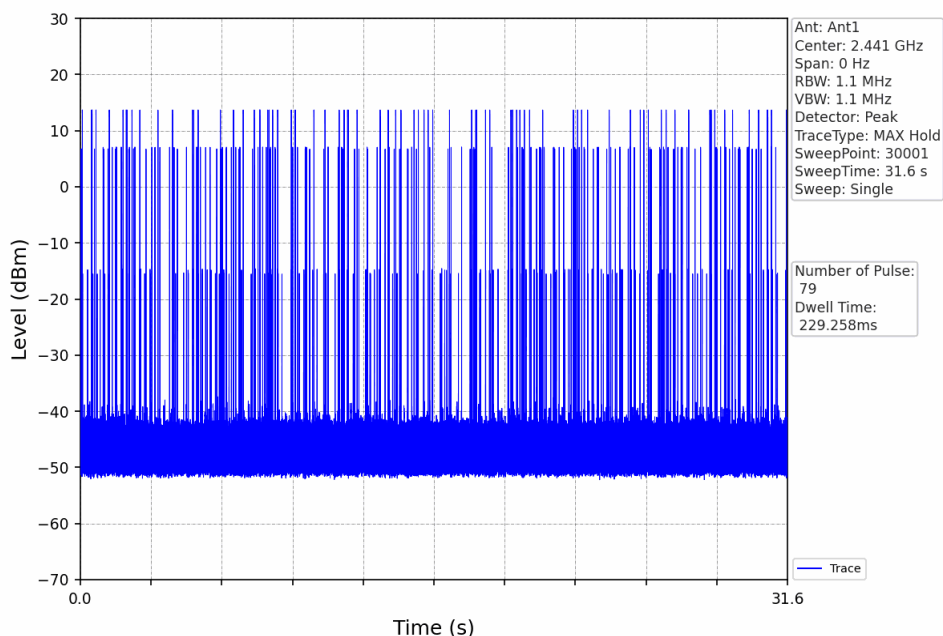


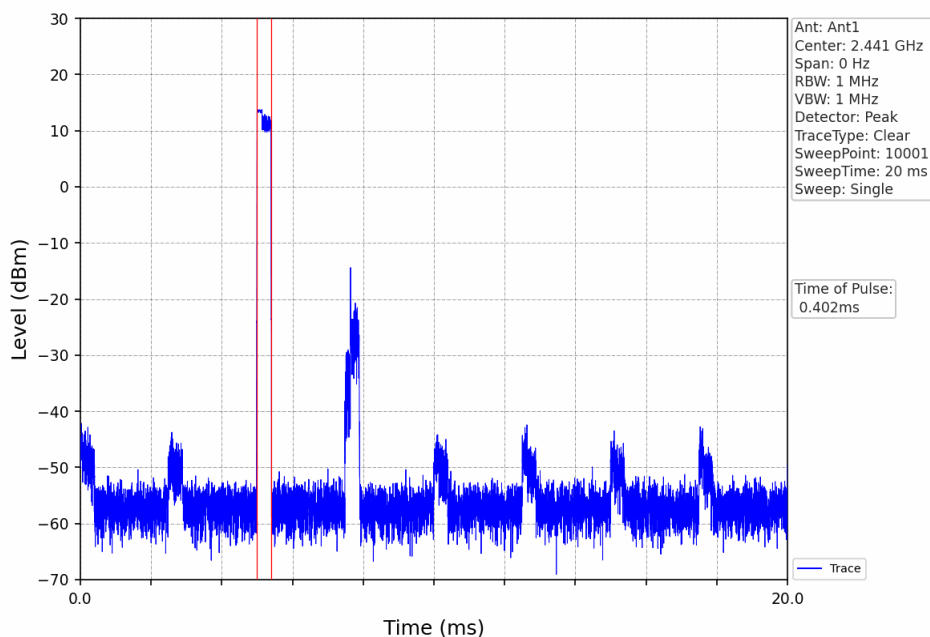
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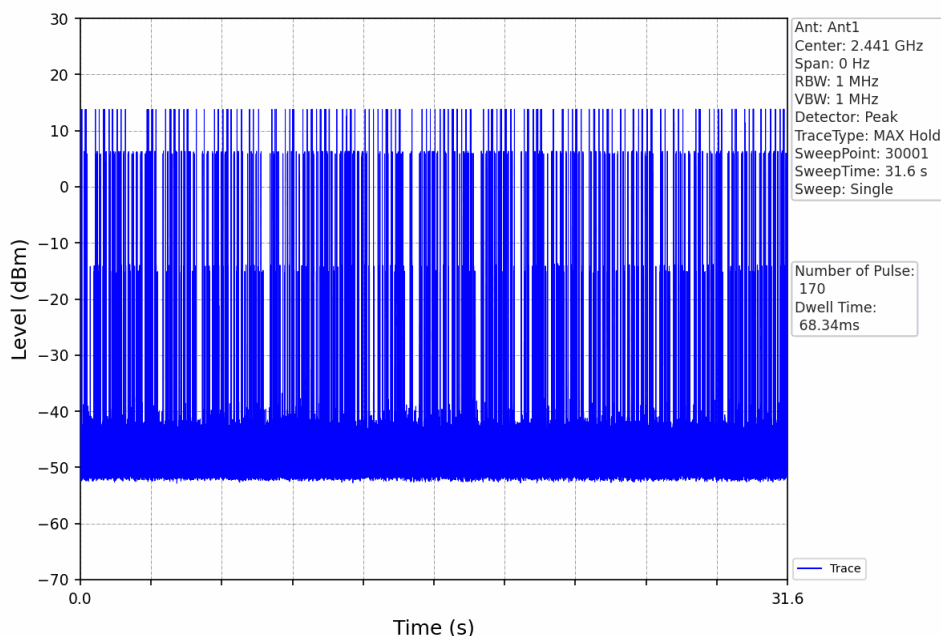
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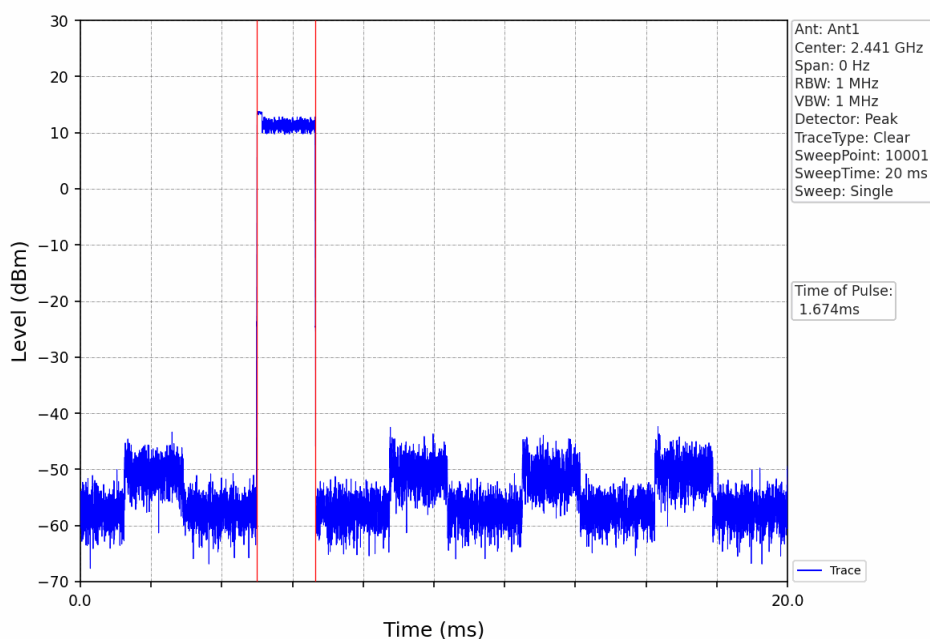
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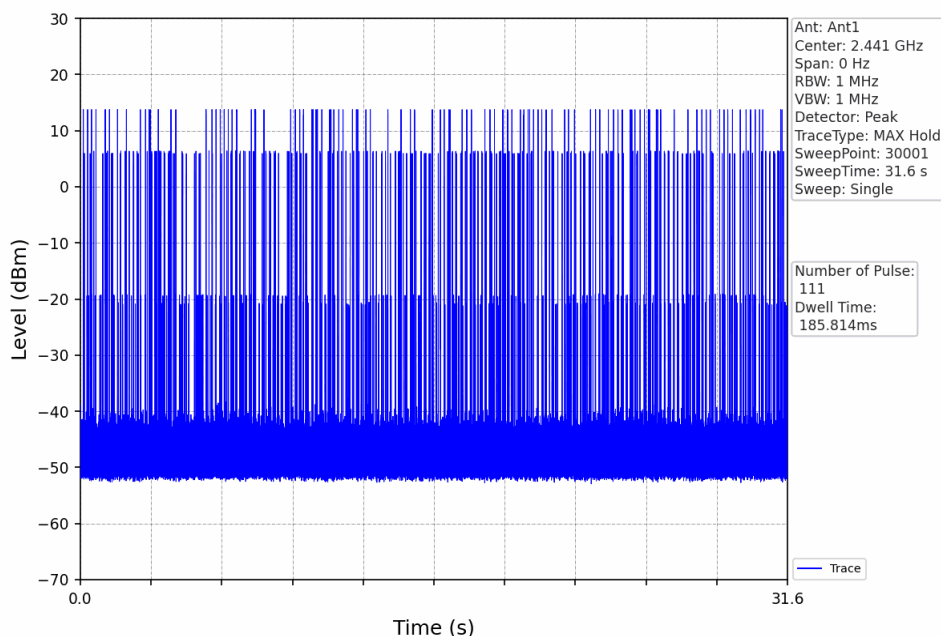
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8DPSK_3DH3_HOPP_Ant1_NTNV



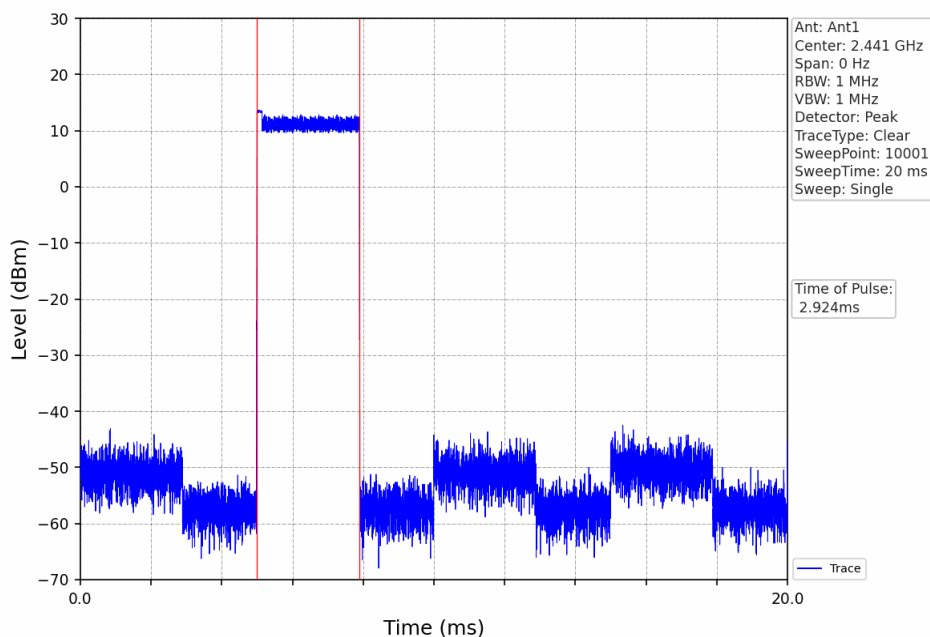
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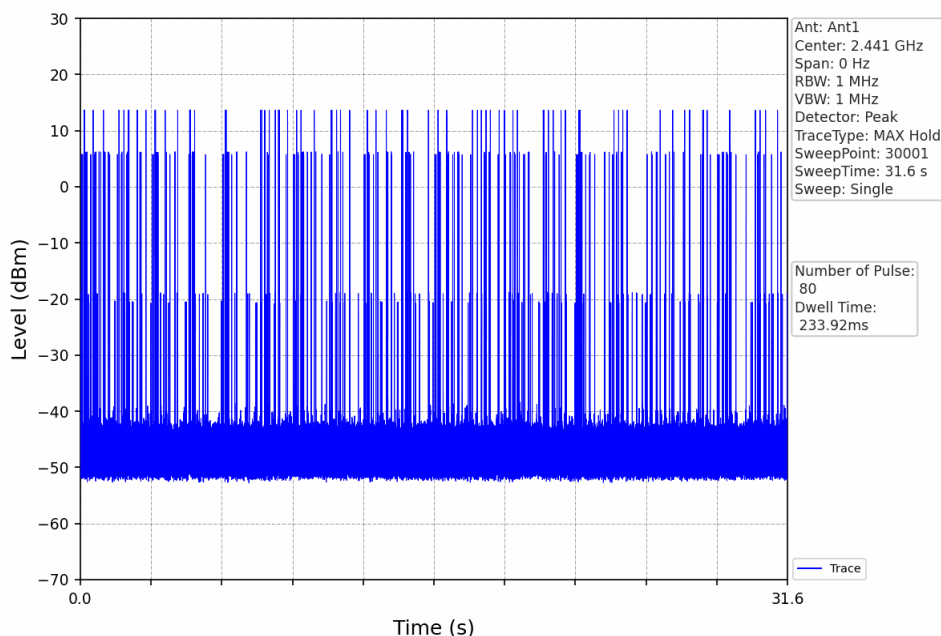
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8DPSK_3DH5_HOPP_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV



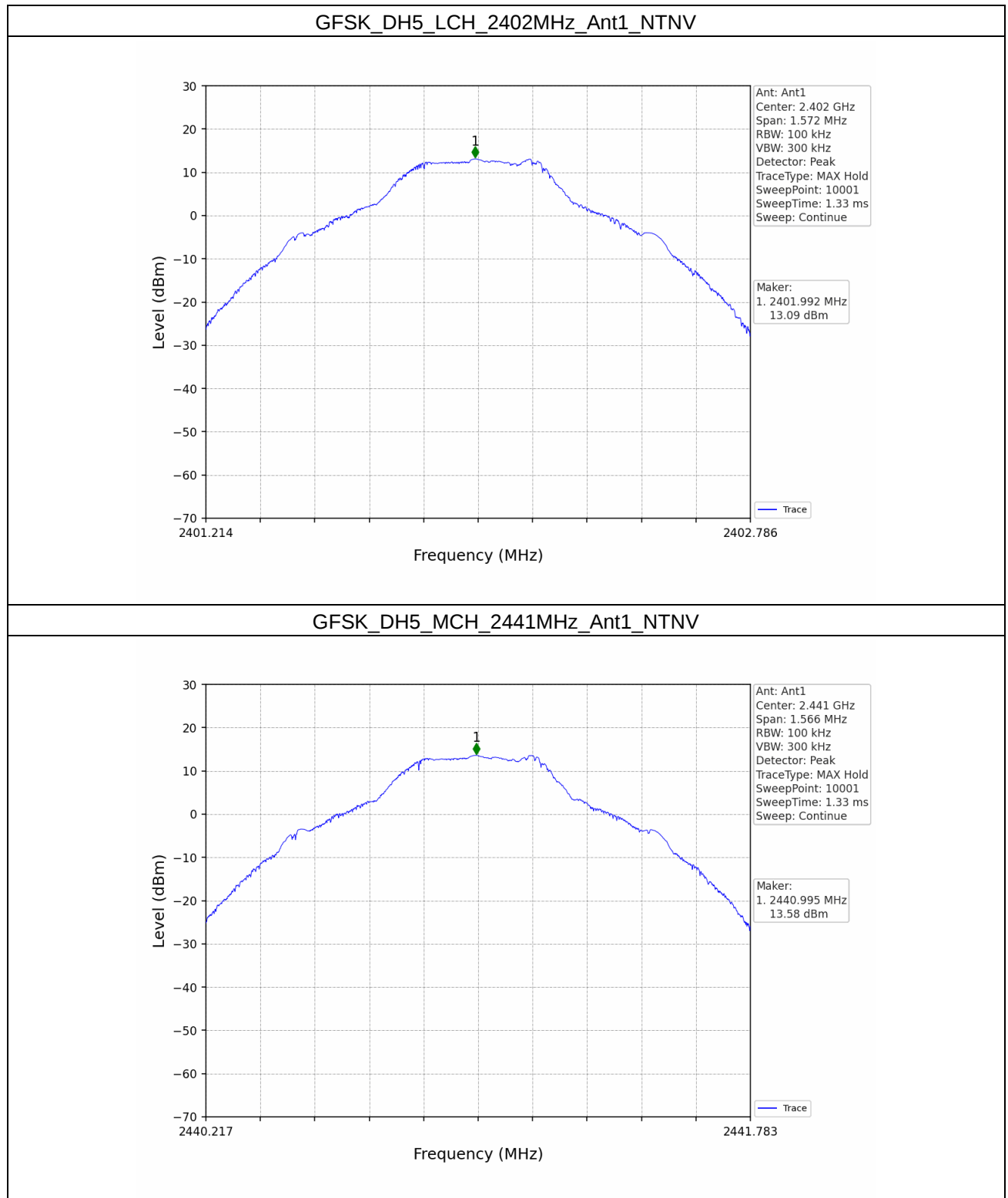
6. Unwanted Emissions In Non-restricted Frequency Bands

6.1 Ref

6.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)
GFSK	SISO	2402	DH5	1	13.09
		2441	DH5	1	13.58
		2480	DH5	1	13.85
Pi/4DQPSK	SISO	2402	2DH5	1	13.00
		2441	2DH5	1	13.50
		2480	2DH5	1	13.79
8DPSK	SISO	2402	3DH5	1	12.97
		2441	3DH5	1	13.50
		2480	3DH5	1	13.73

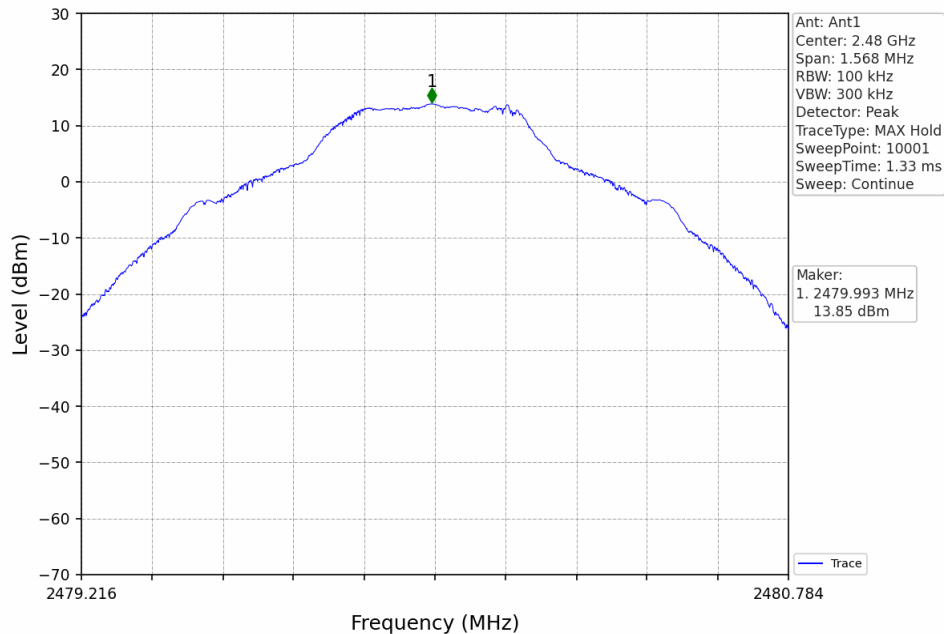
6.1.2 Test Graph



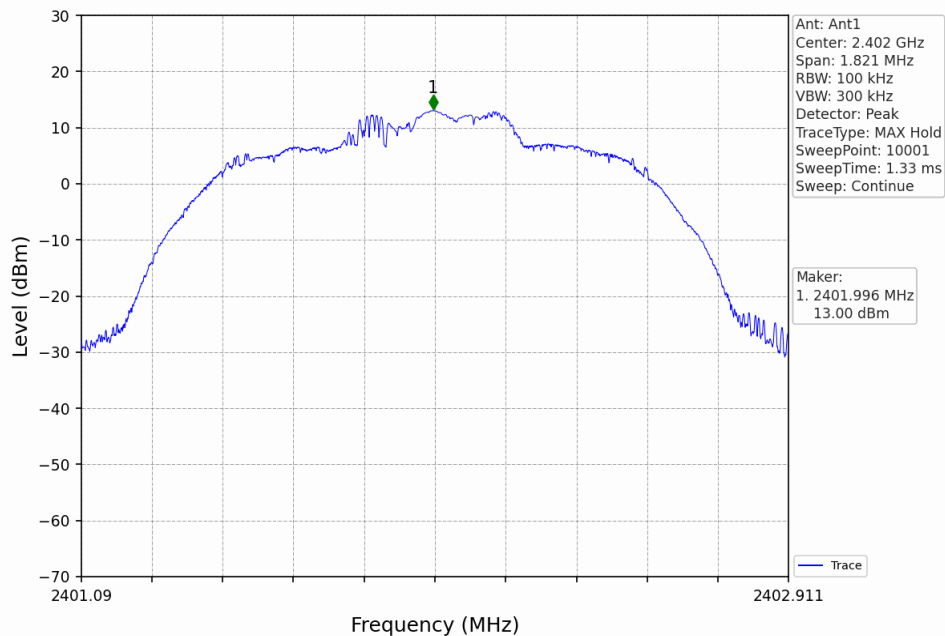
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GFSK_DH5_HCH_2480MHz_Ant1_NTNV



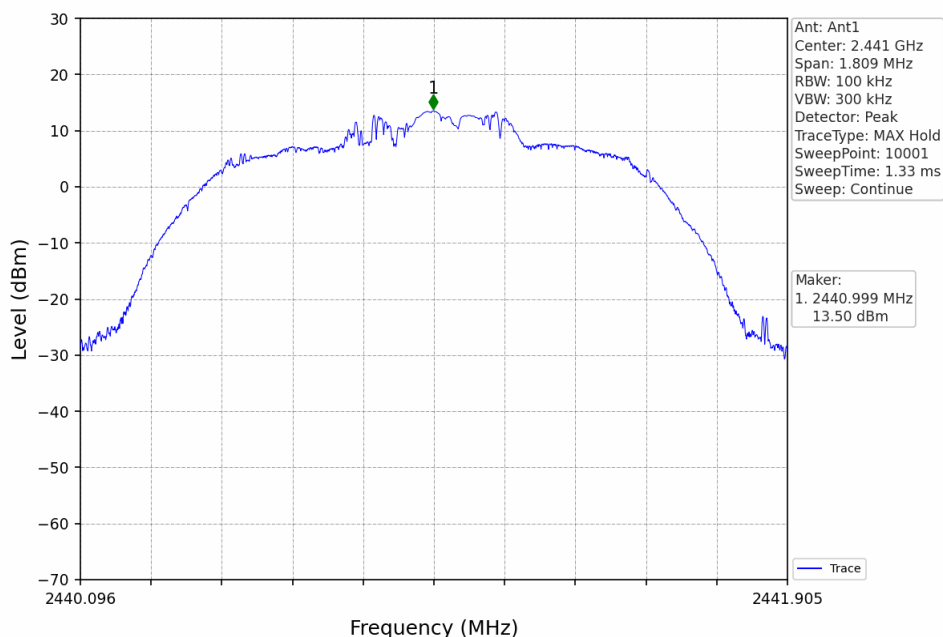
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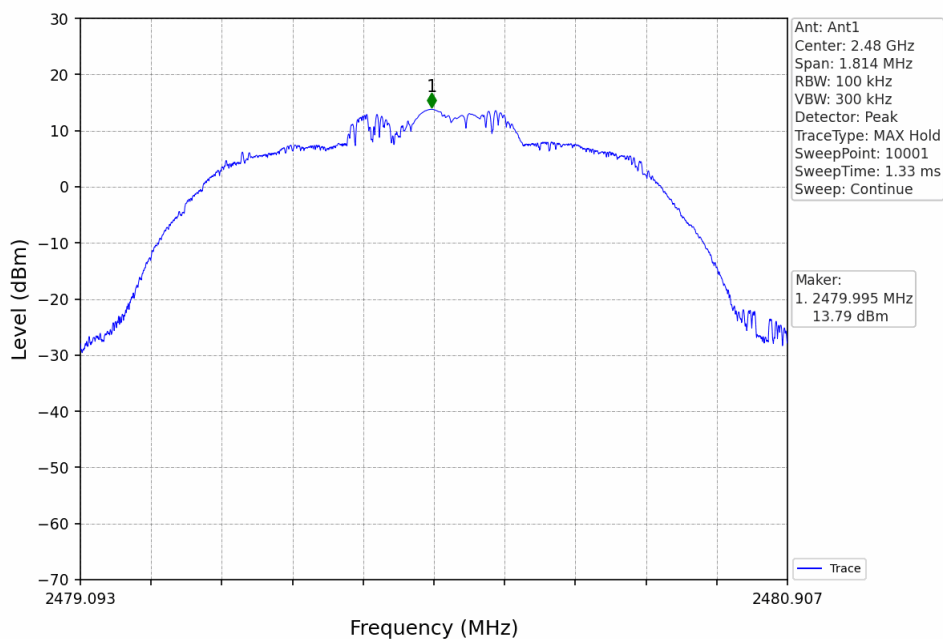
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Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV

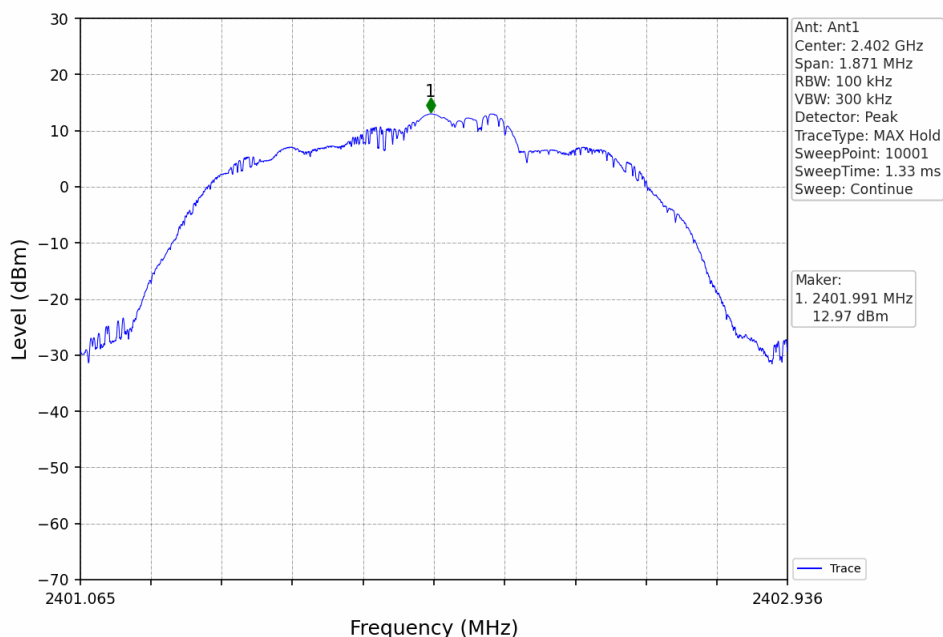


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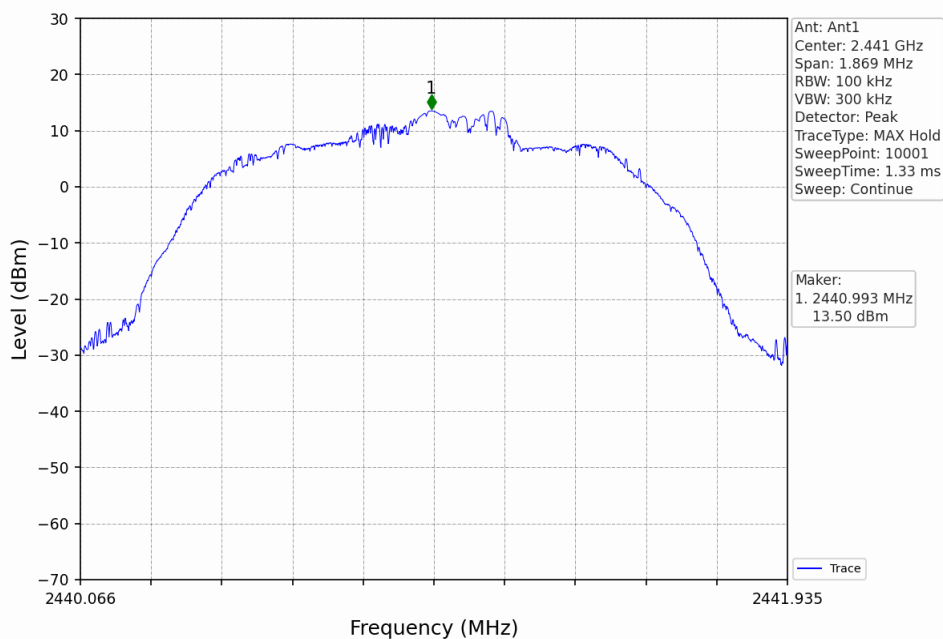


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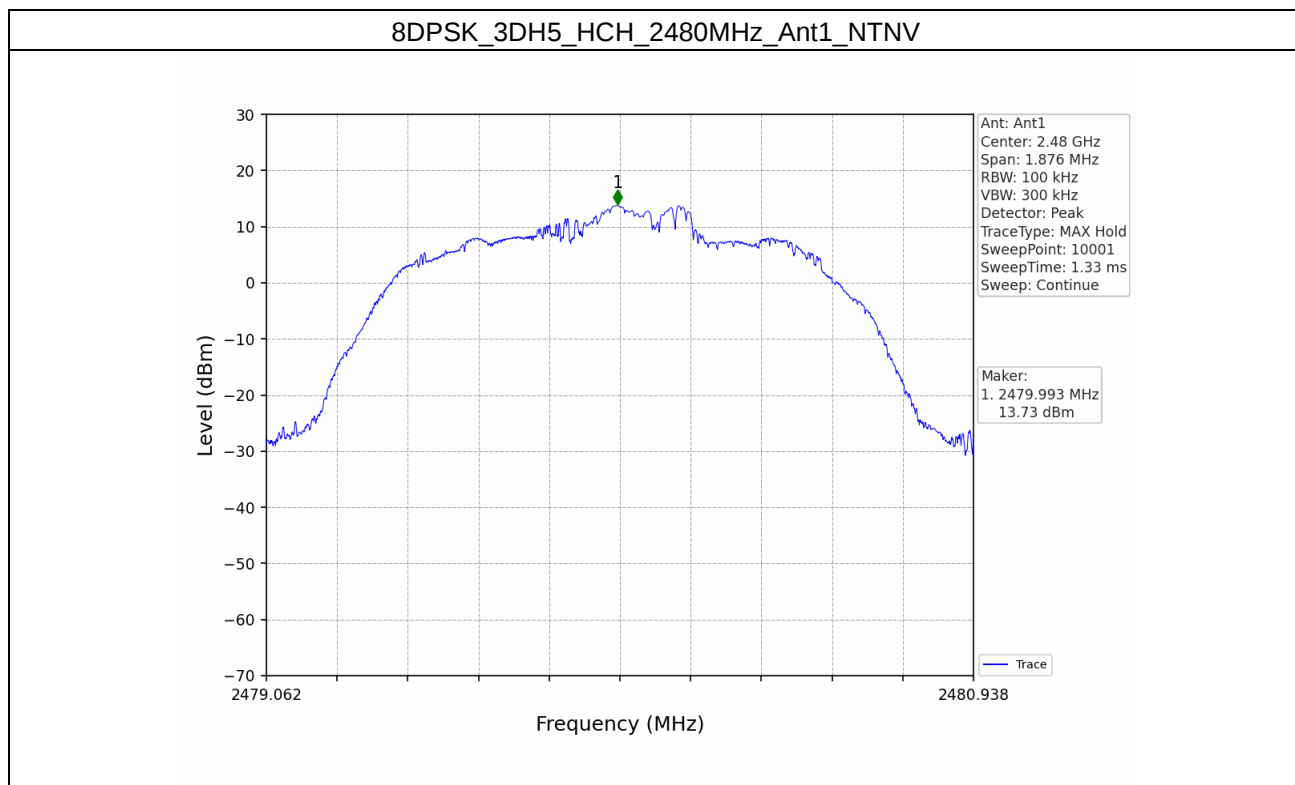
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



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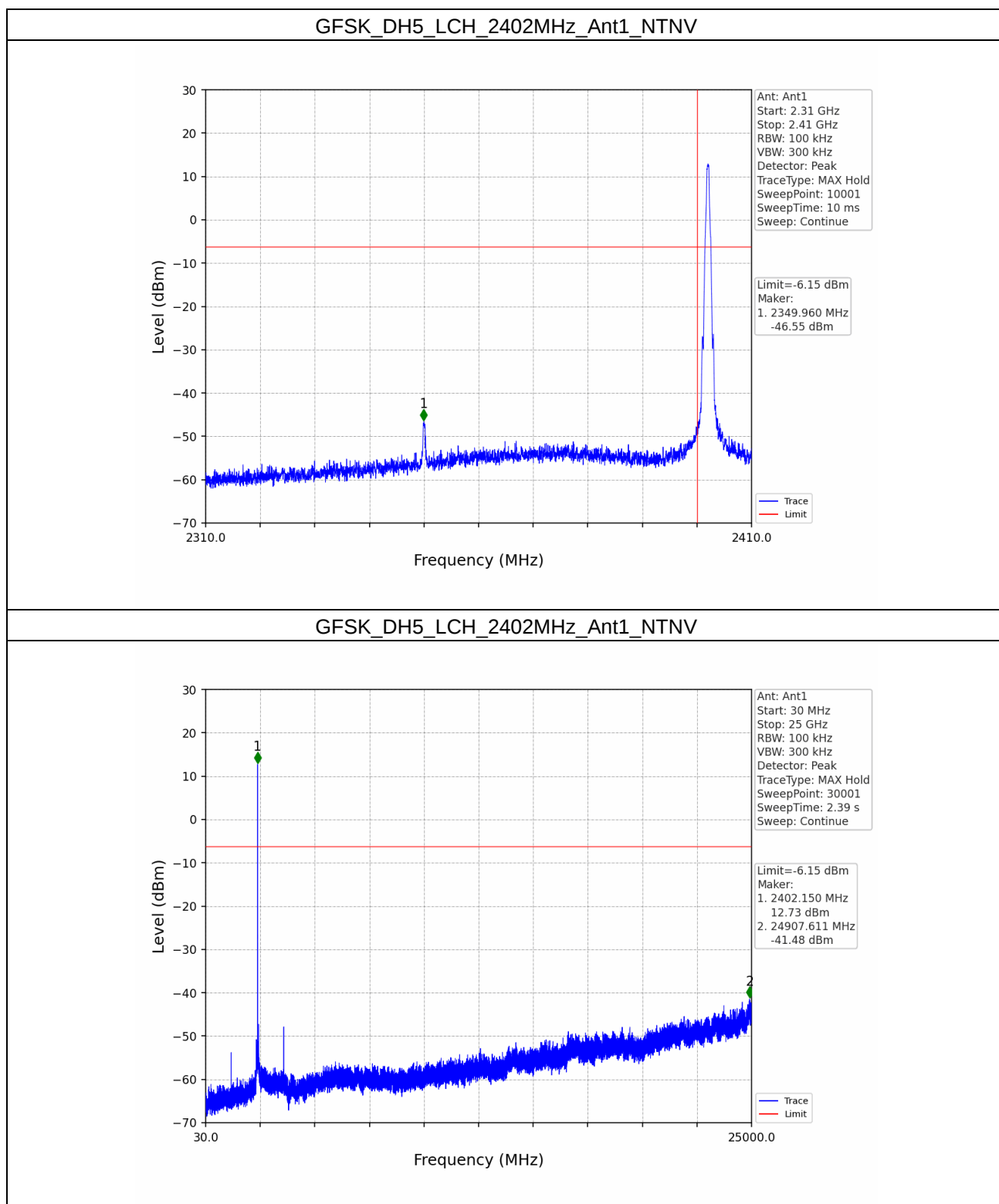


6.2 CSE

6.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	DH5	1	13.85	-6.15	Pass
		2441	DH5	1	13.85	-6.15	Pass
		2480	DH5	1	13.85	-6.15	Pass
		HOPP	DH5	1	13.85	-6.15	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	13.79	-6.21	Pass
		2441	2DH5	1	13.79	-6.21	Pass
		2480	2DH5	1	13.79	-6.21	Pass
		HOPP	2DH5	1	13.79	-6.21	Pass
8DPSK	SISO	2402	3DH5	1	13.73	-6.27	Pass
		2441	3DH5	1	13.73	-6.27	Pass
		2480	3DH5	1	13.73	-6.27	Pass
		HOPP	3DH5	1	13.73	-6.27	Pass

6.2.2 Test Graph

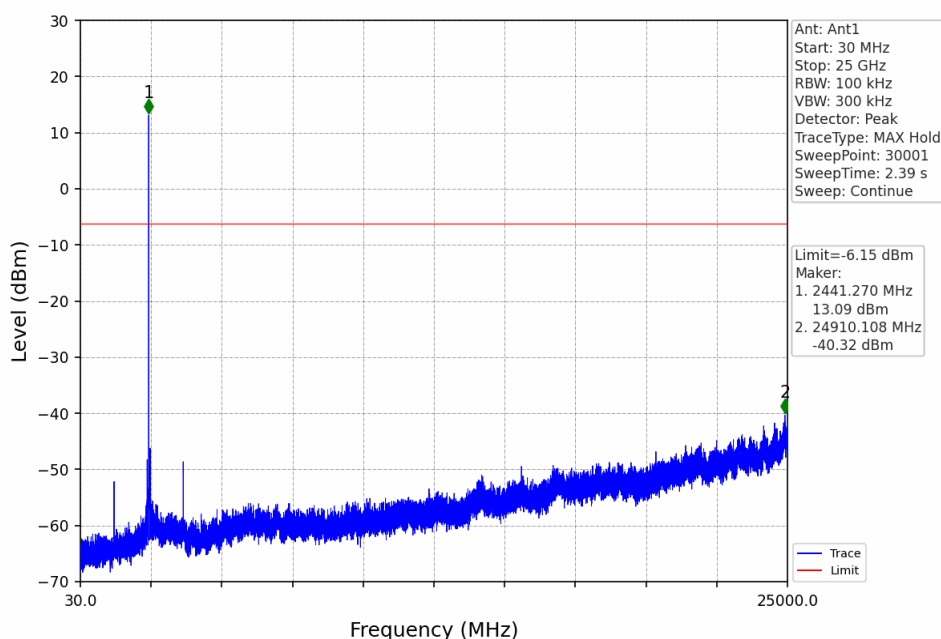


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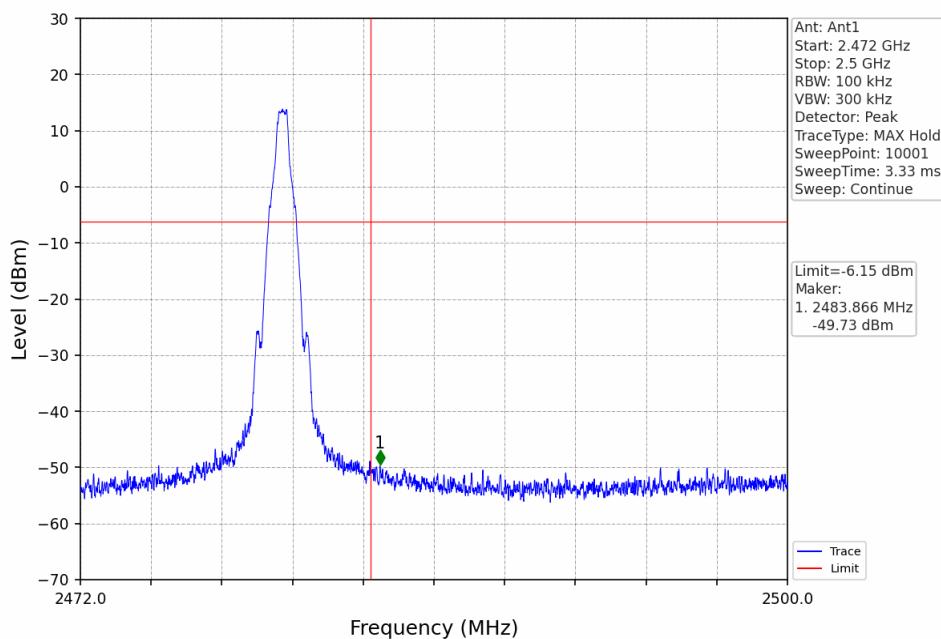
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GFSK_DH5_MCH_2441MHz_Ant1_NTNV



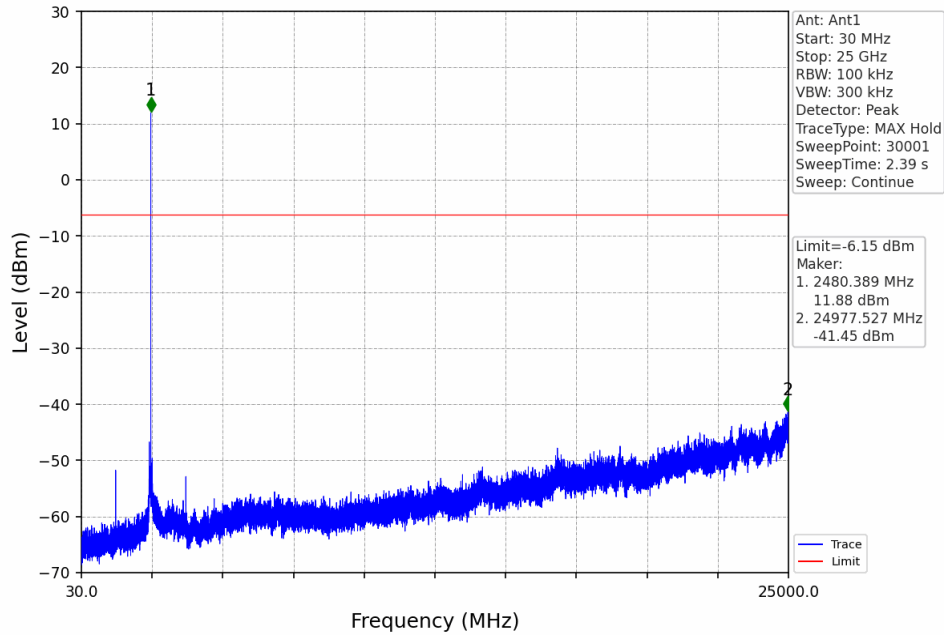
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



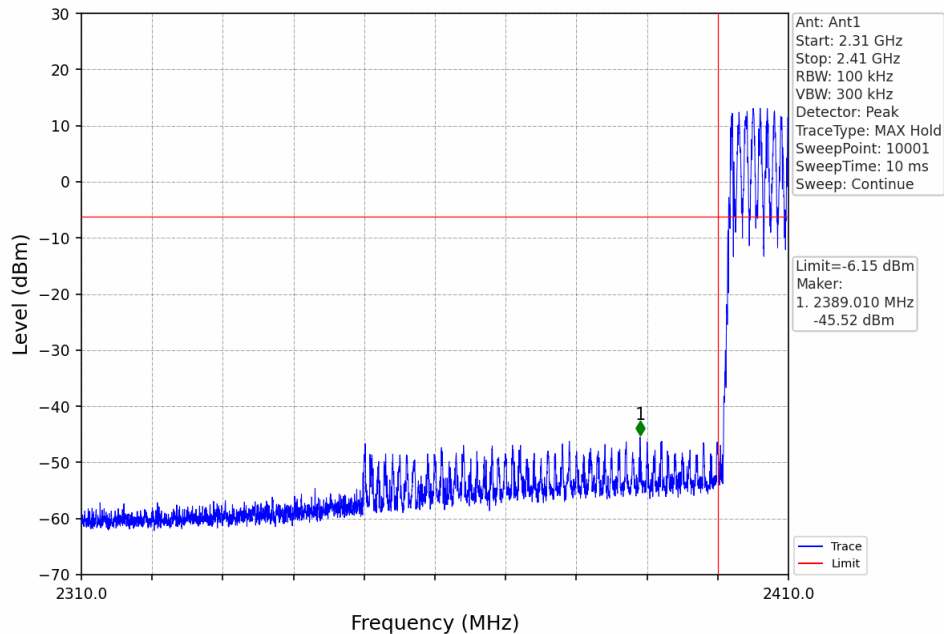
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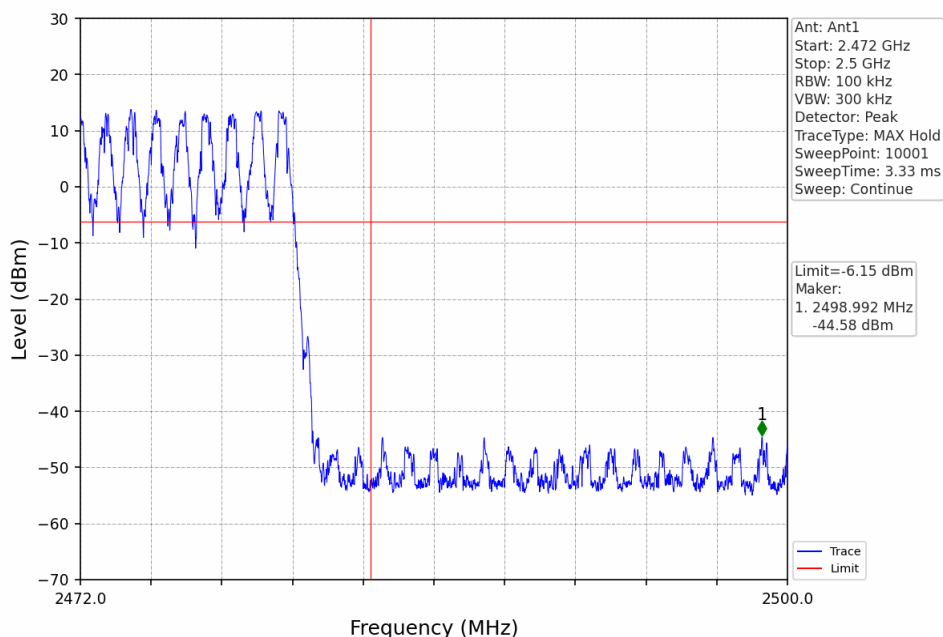
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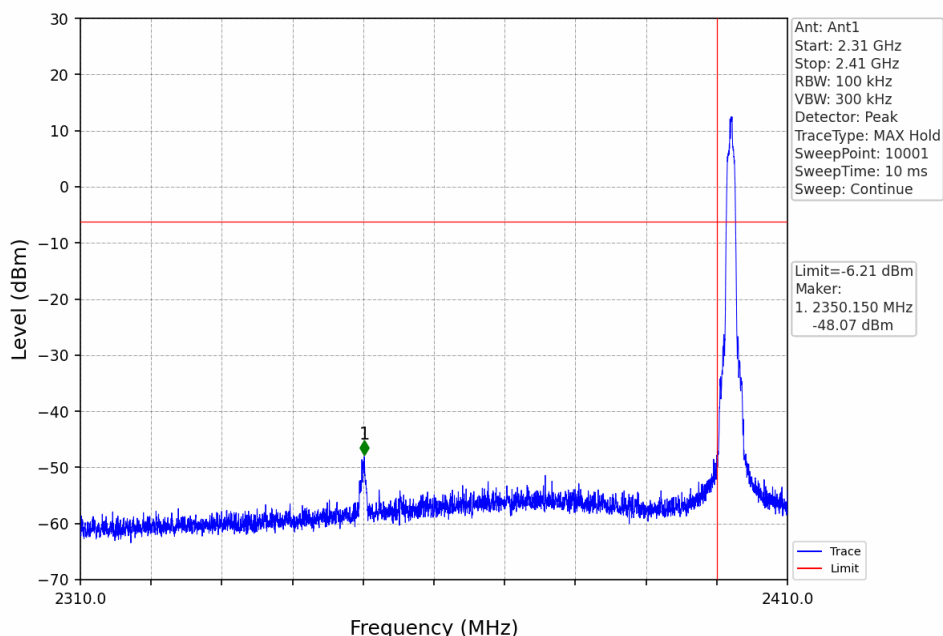
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GFSK_DH5_HOPP_Ant1_NTNV



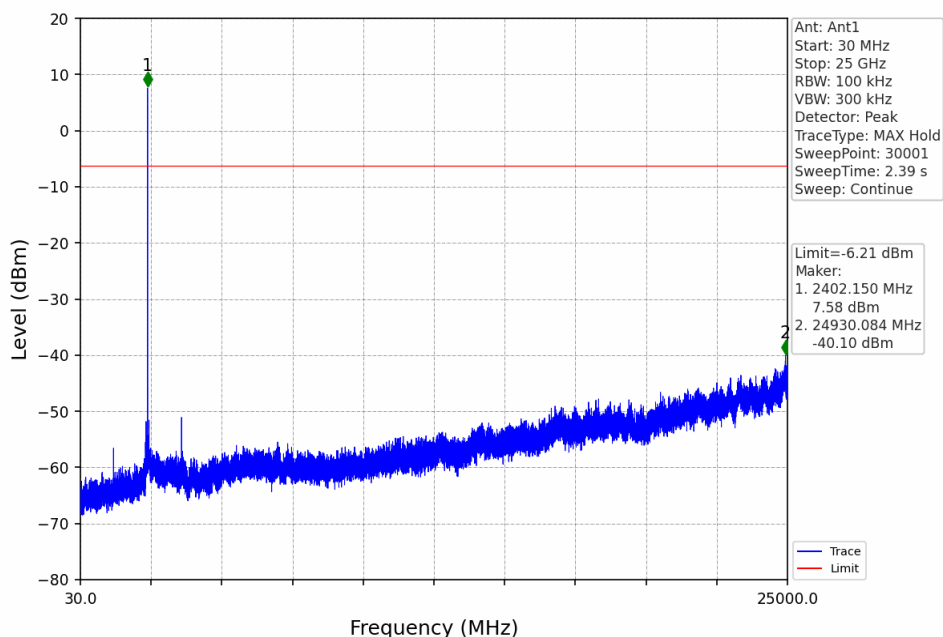
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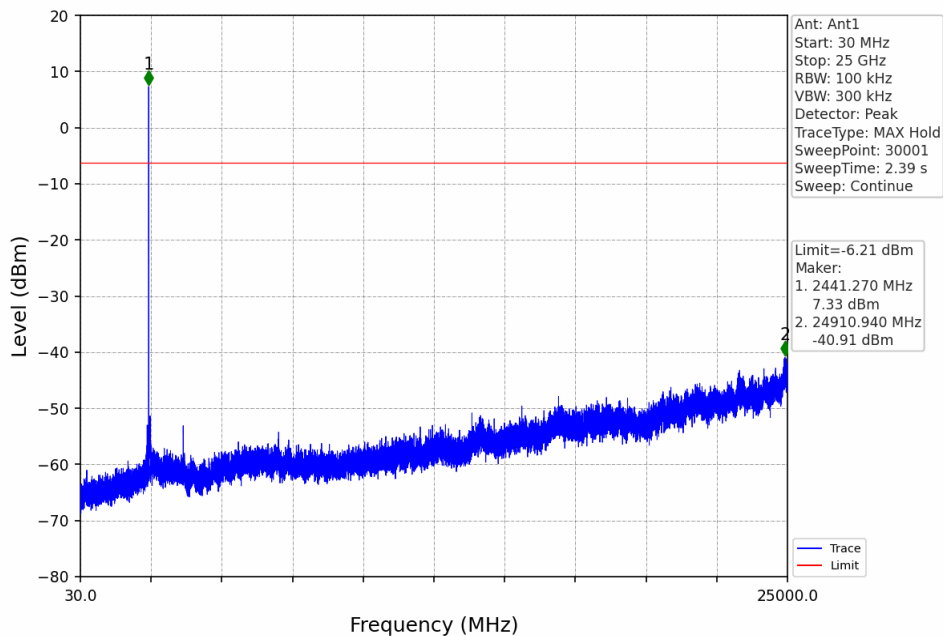
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Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



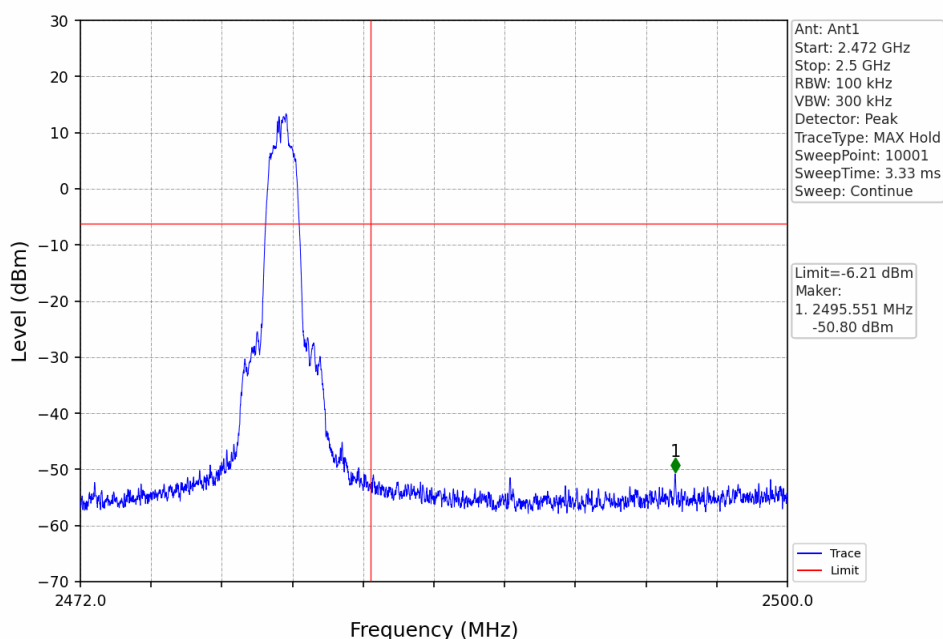
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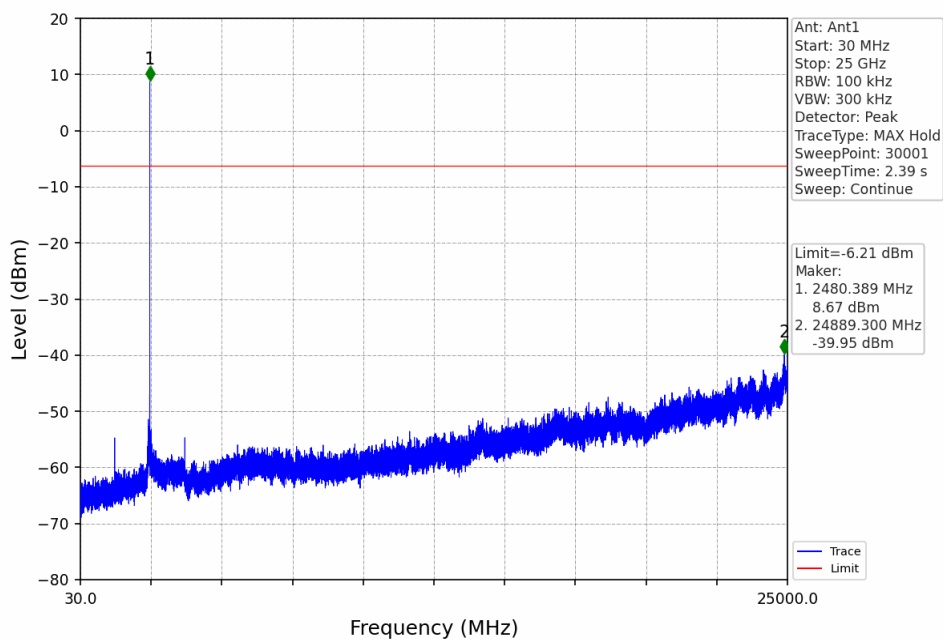
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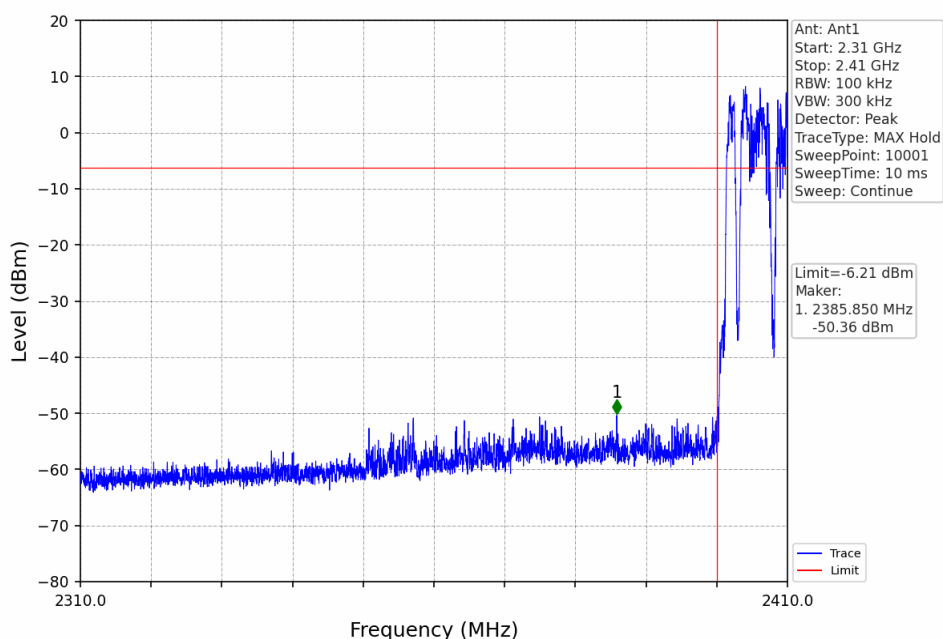
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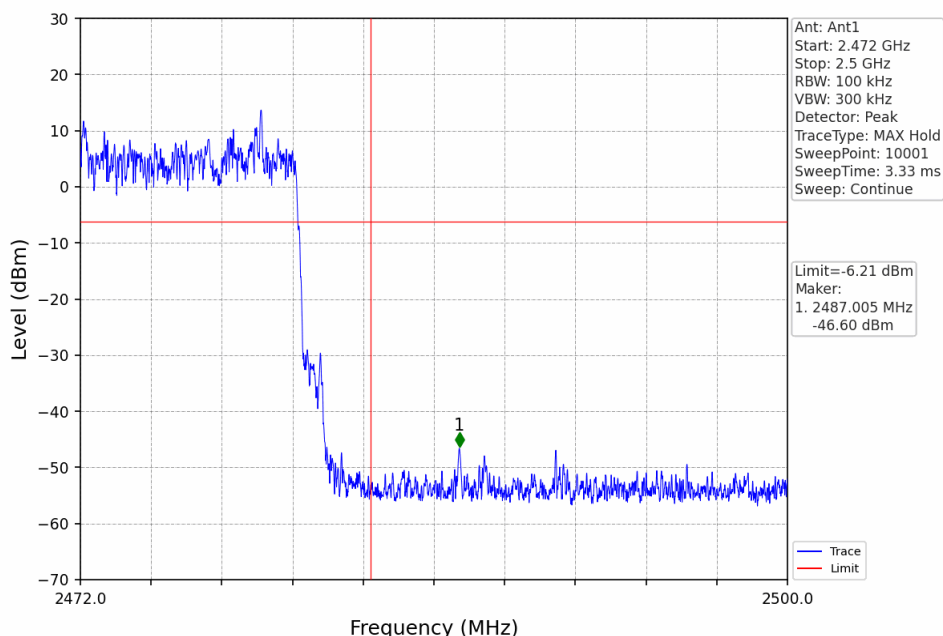
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Pi/4DQPSK_2DH5_HOPP_Ant1_NTNV



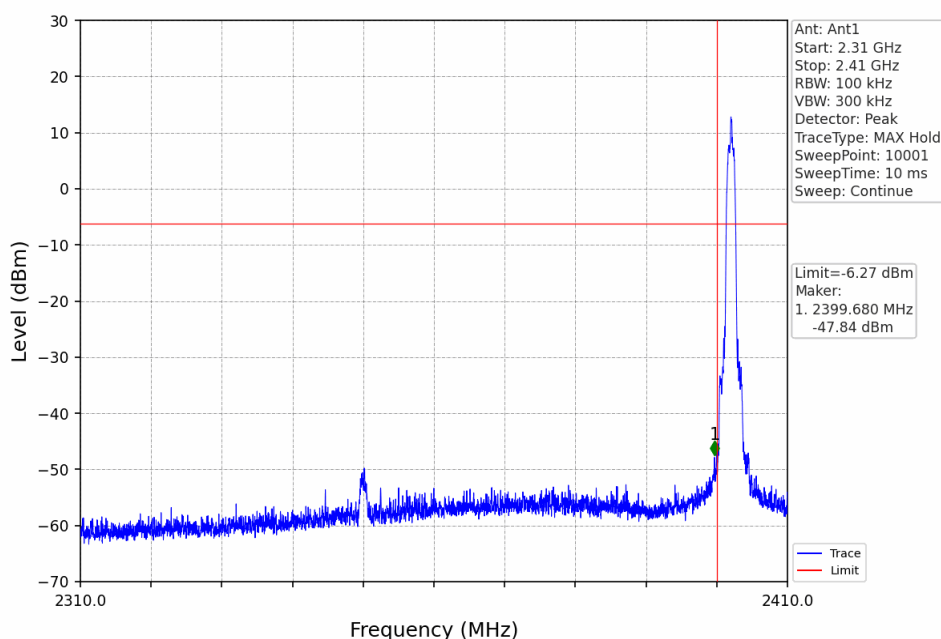
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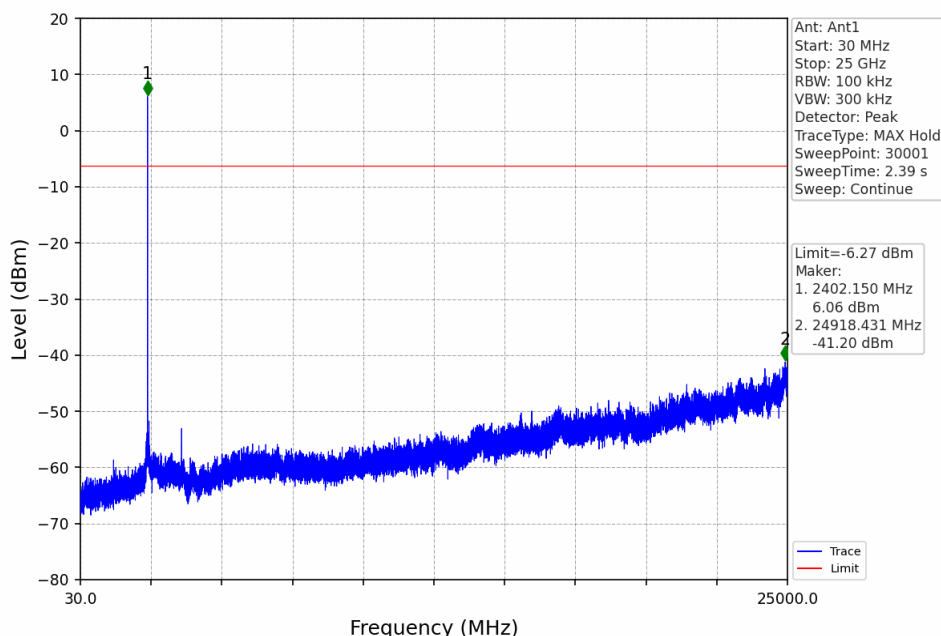
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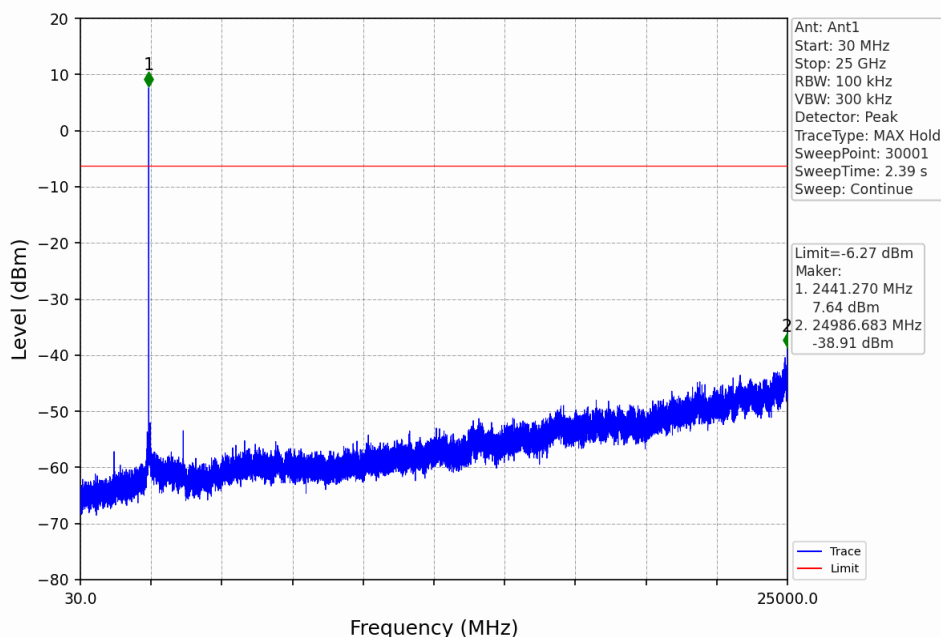
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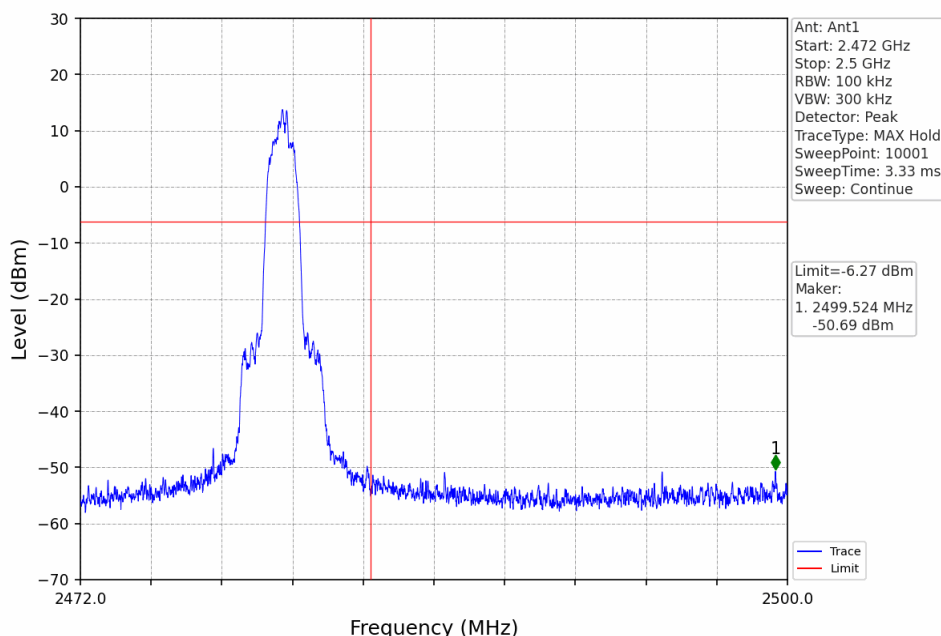
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8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV

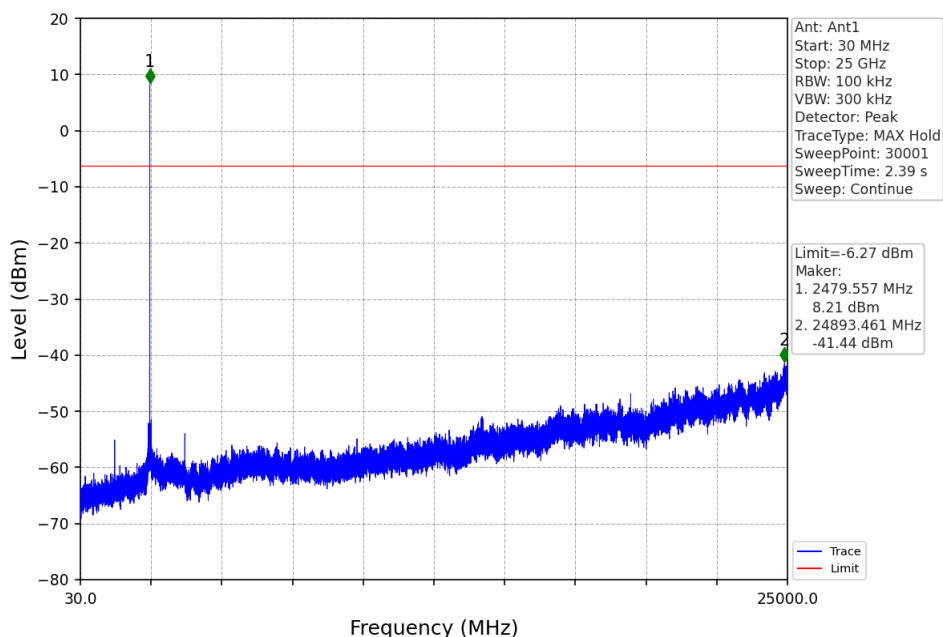


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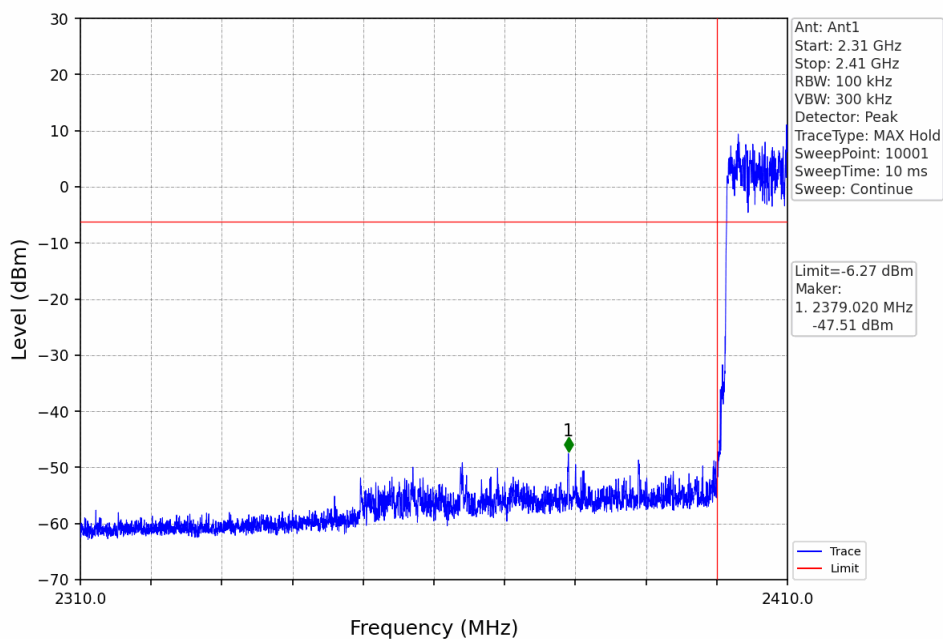
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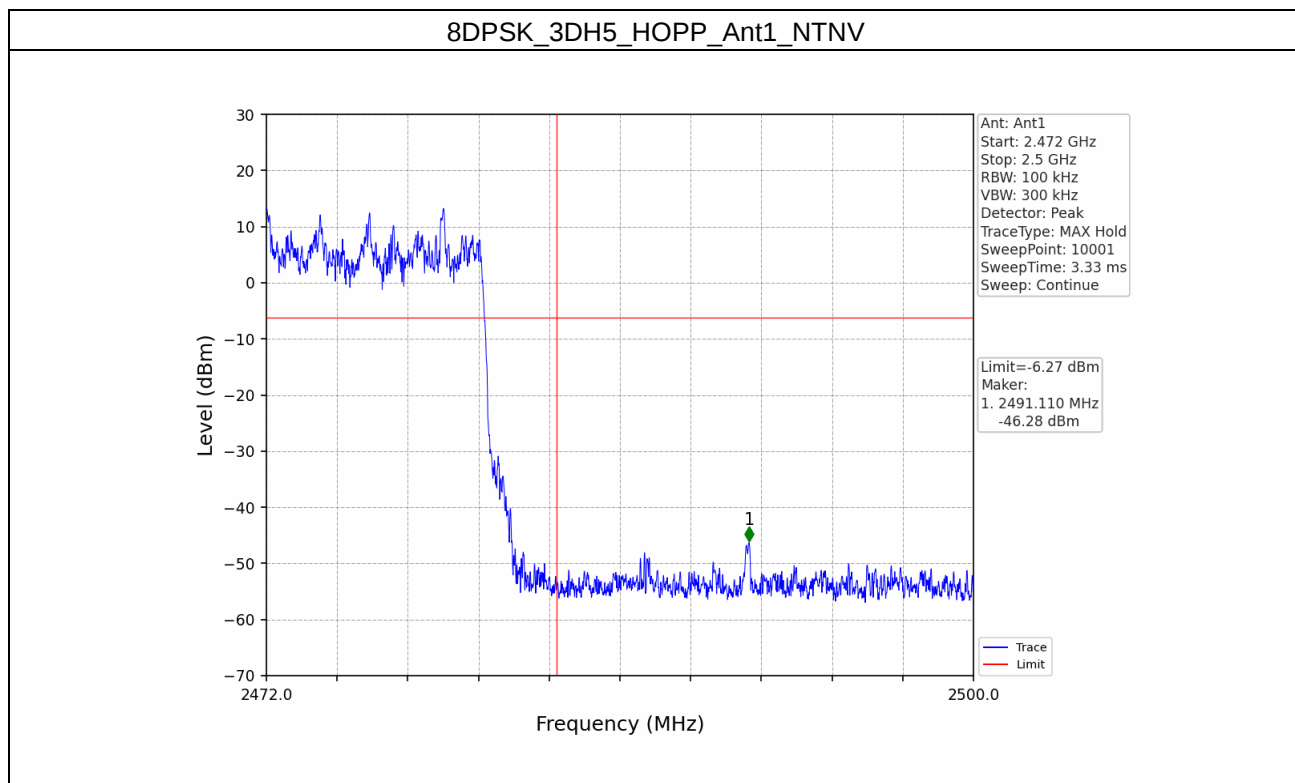
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Guangzhou Branch Testing Service EEC Laboratory. 中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075058 sgs.china@sgs.com

8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV





For left earbud:

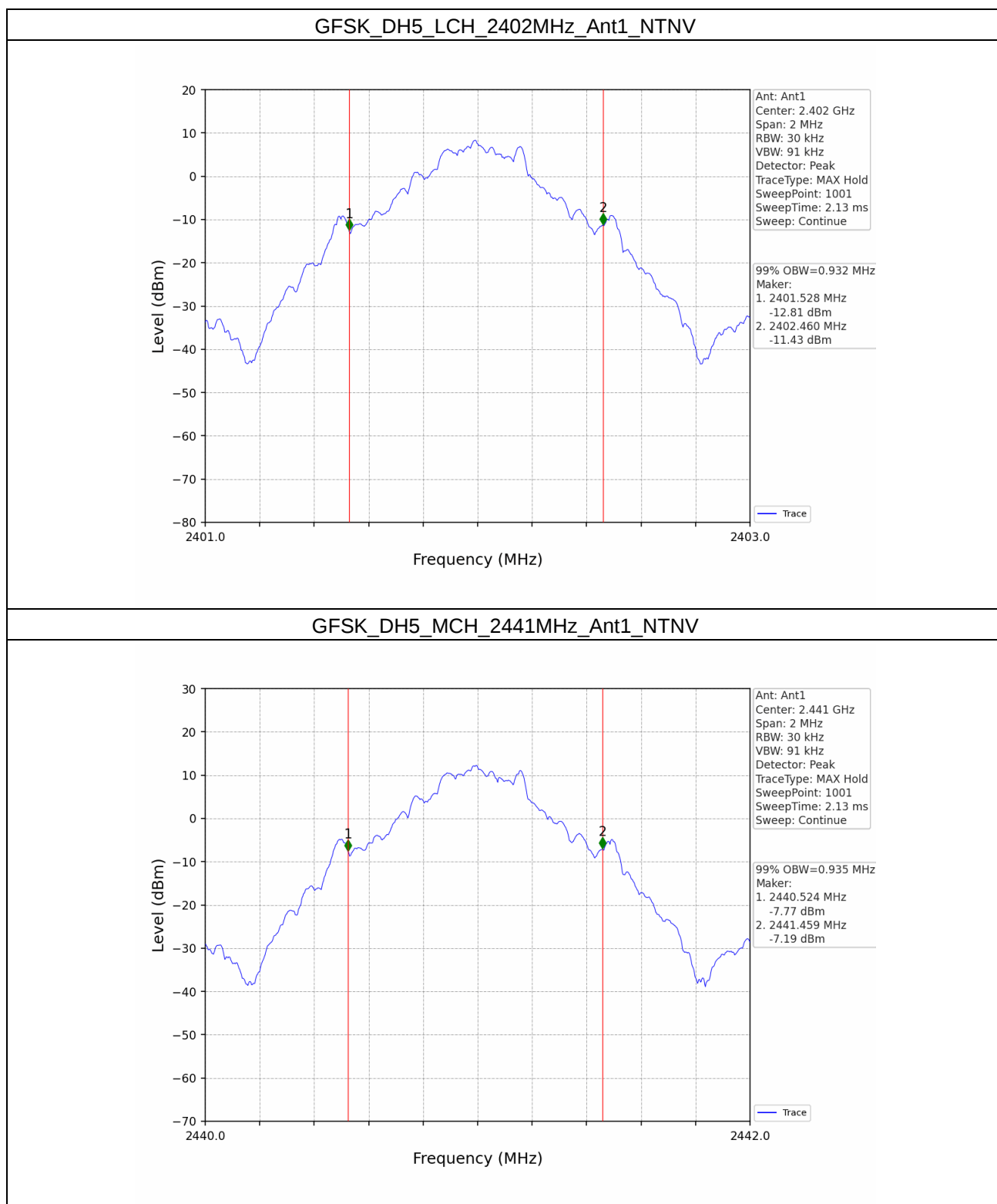
1. Bandwidth

1.1 OBW

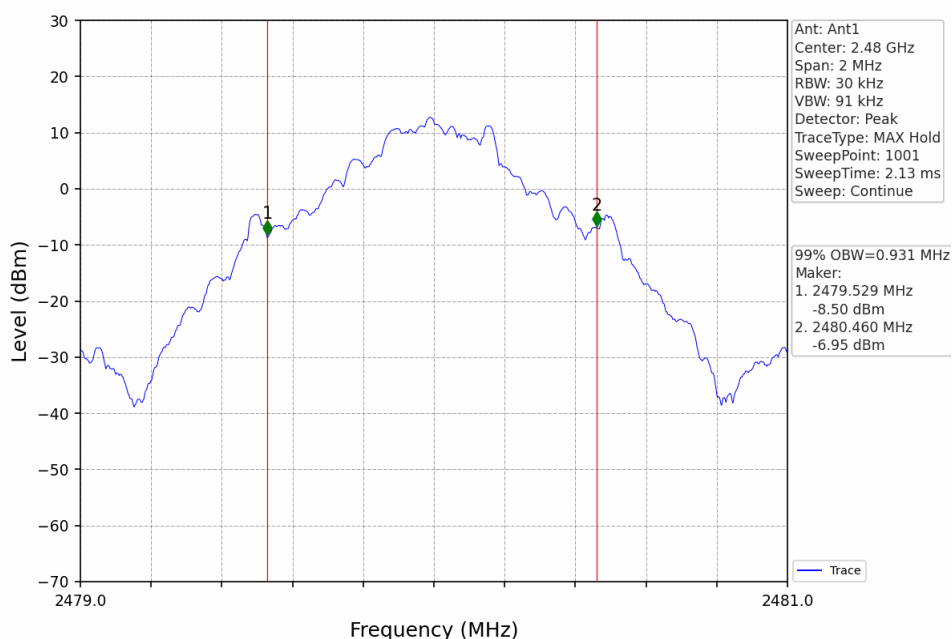
1.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	99% Occupied Bandwidth (MHz)	Verdict
					Result	
GFSK	SISO	2402	DH5	1	0.932	Pass
		2441	DH5	1	0.935	Pass
		2480	DH5	1	0.931	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.127	Pass
		2441	2DH5	1	1.128	Pass
		2480	2DH5	1	1.129	Pass
8DPSK	SISO	2402	3DH5	1	1.137	Pass
		2441	3DH5	1	1.141	Pass
		2480	3DH5	1	1.142	Pass

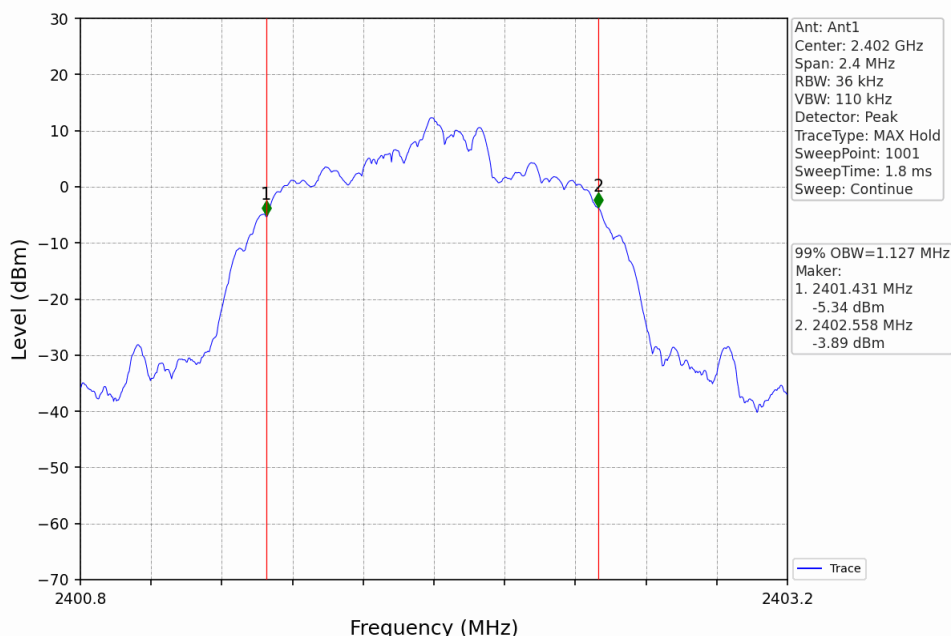
1.1.2 Test Graph



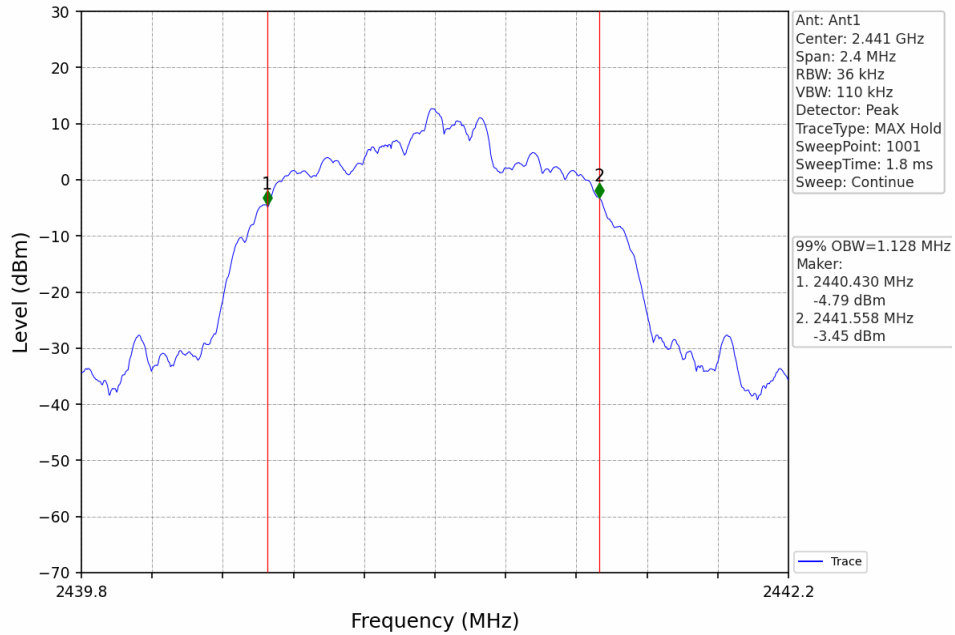
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



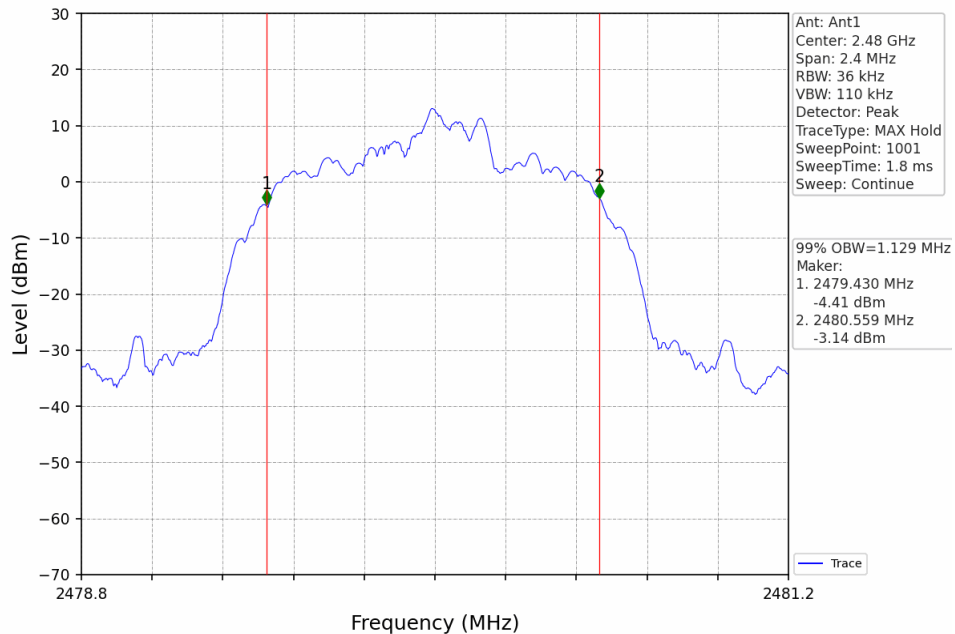
Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



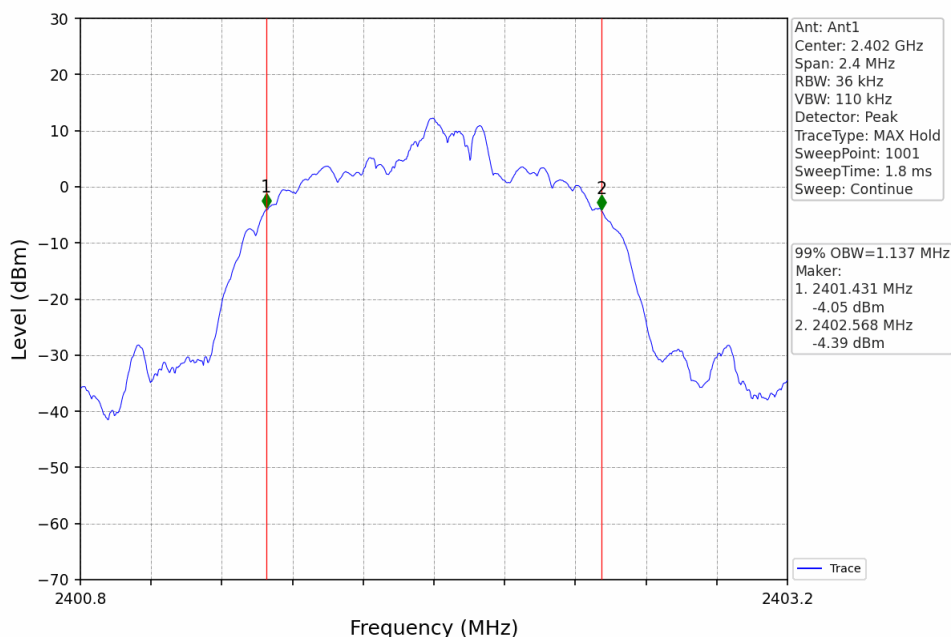
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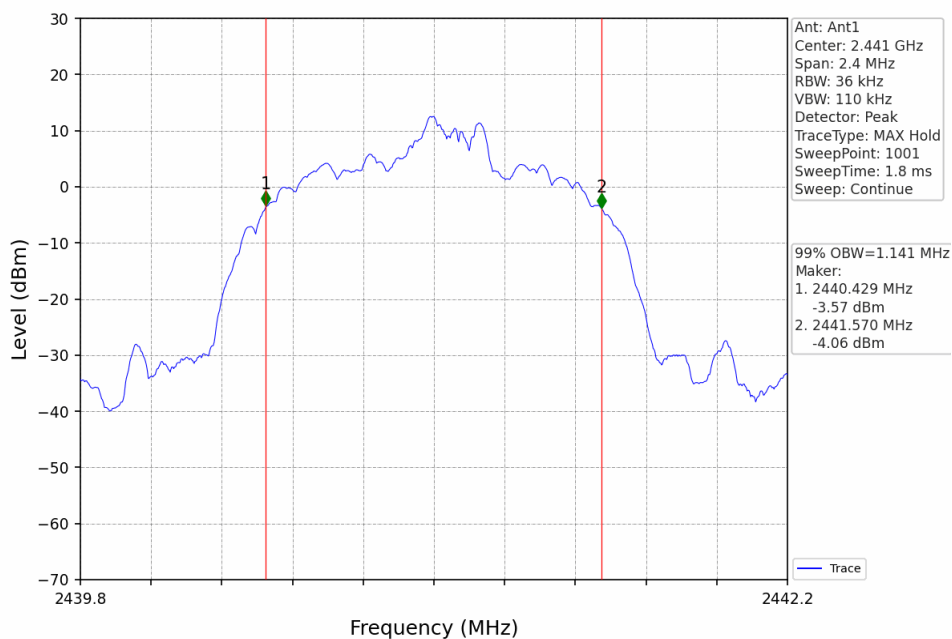
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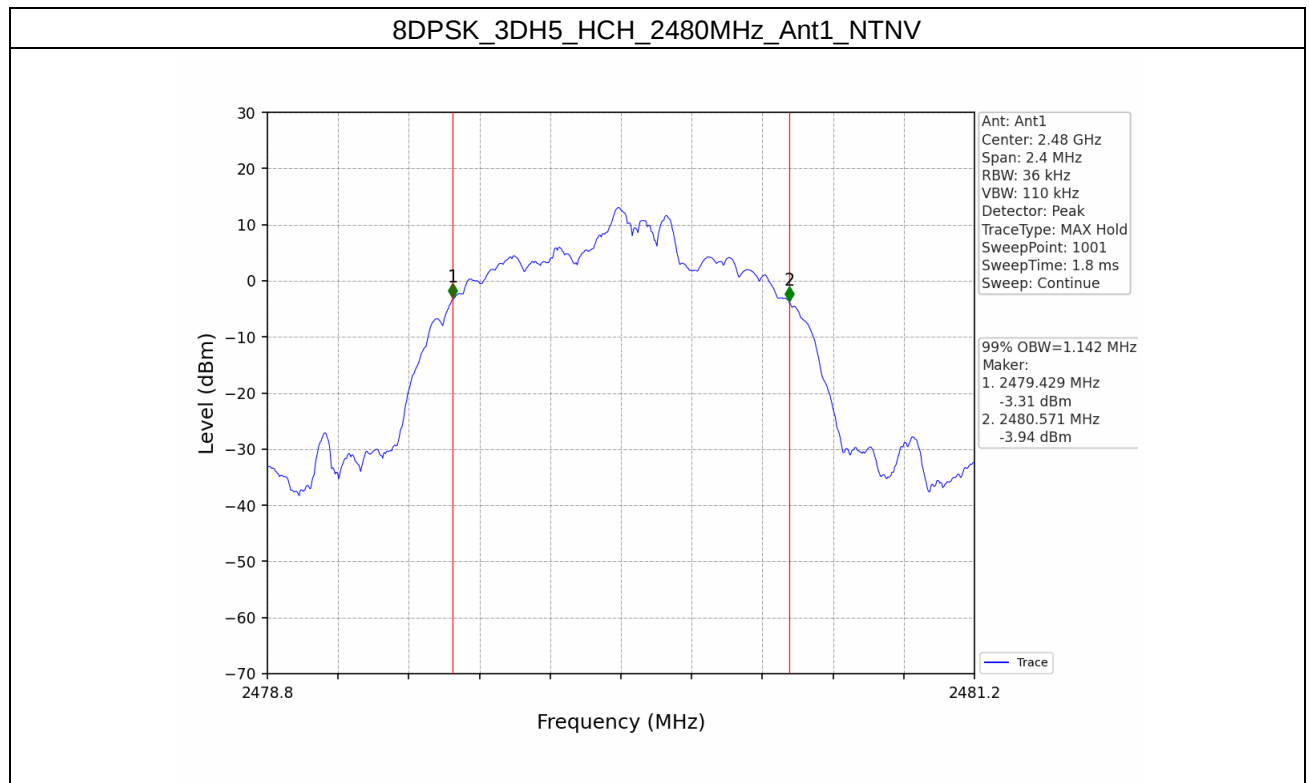
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8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



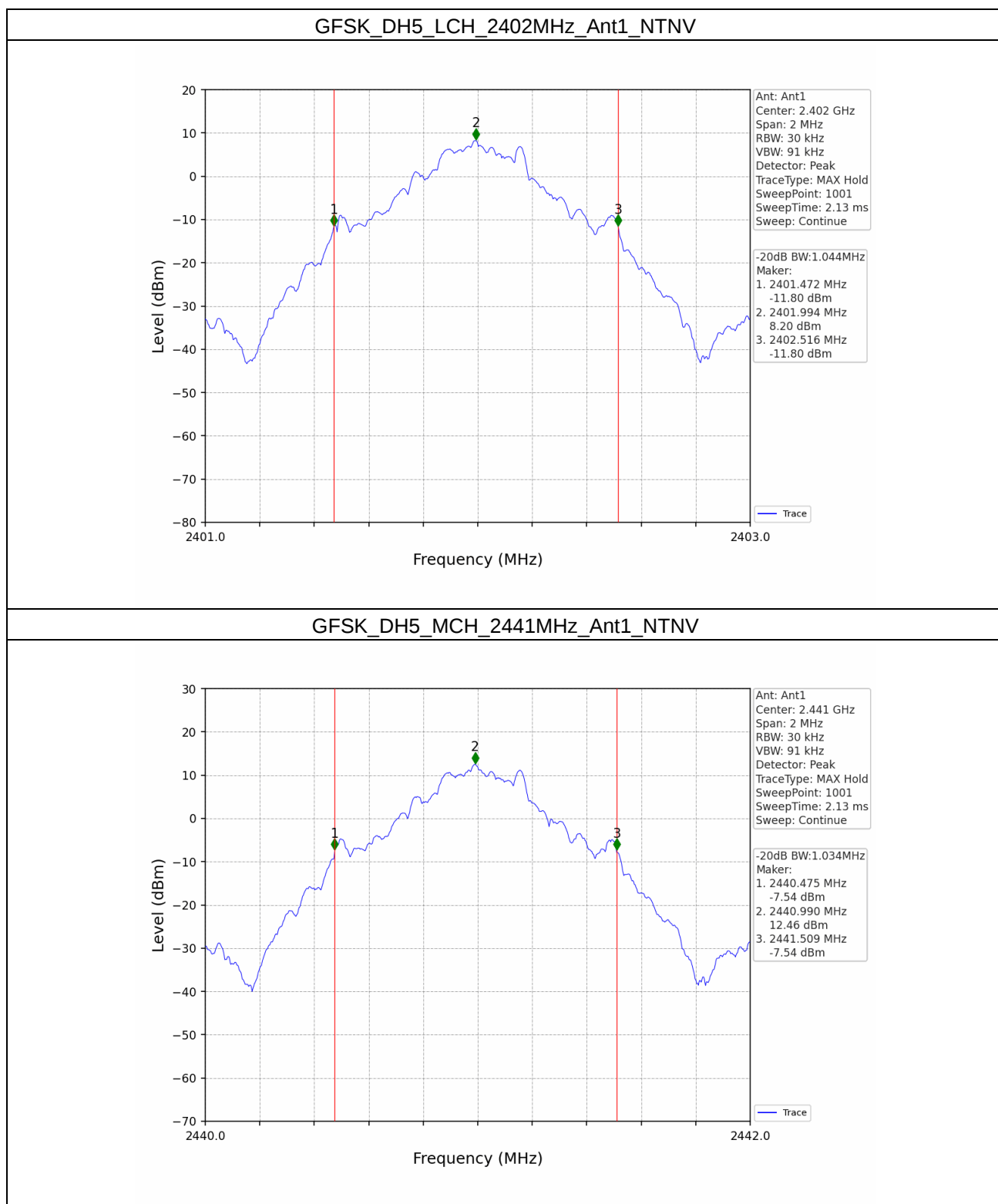


1.2 20dB BW

1.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	20dB Bandwidth (MHz)	Verdict
					Result	
GFSK	SISO	2402	DH5	1	1.044	Pass
		2441	DH5	1	1.034	Pass
		2480	DH5	1	1.046	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.208	Pass
		2441	2DH5	1	1.205	Pass
		2480	2DH5	1	1.209	Pass
8DPSK	SISO	2402	3DH5	1	1.252	Pass
		2441	3DH5	1	1.257	Pass
		2480	3DH5	1	1.251	Pass

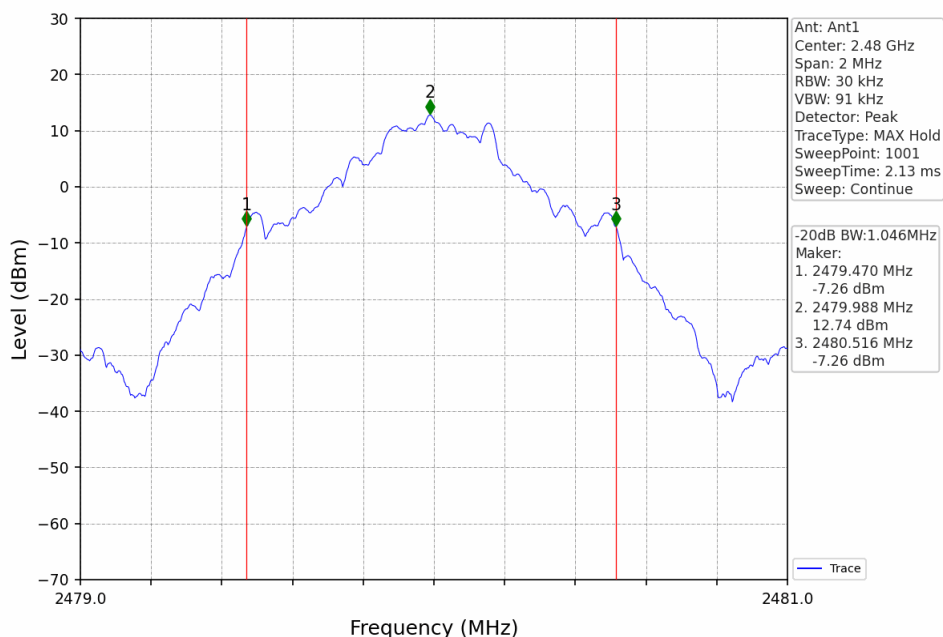
1.2.2 Test Graph



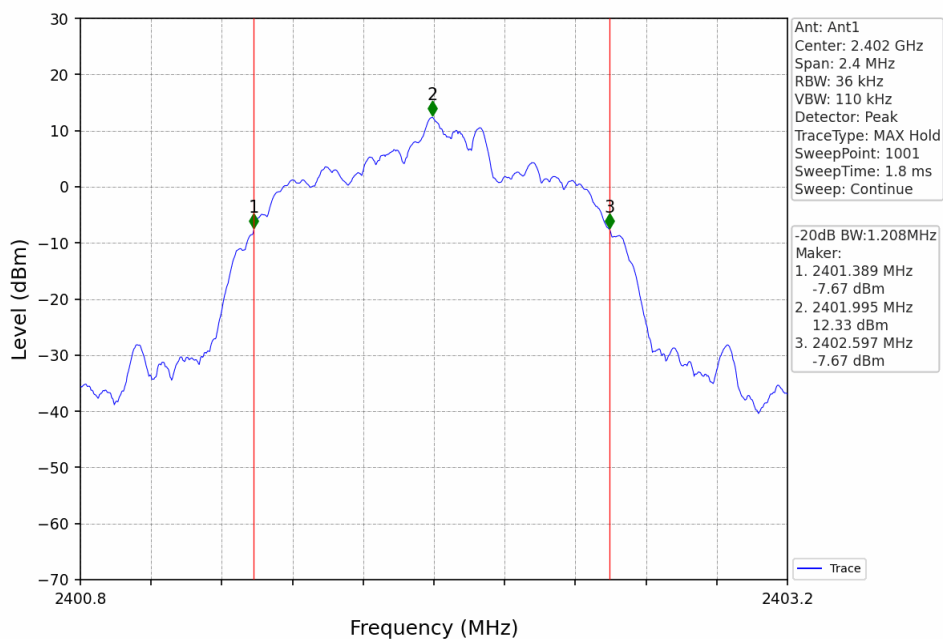
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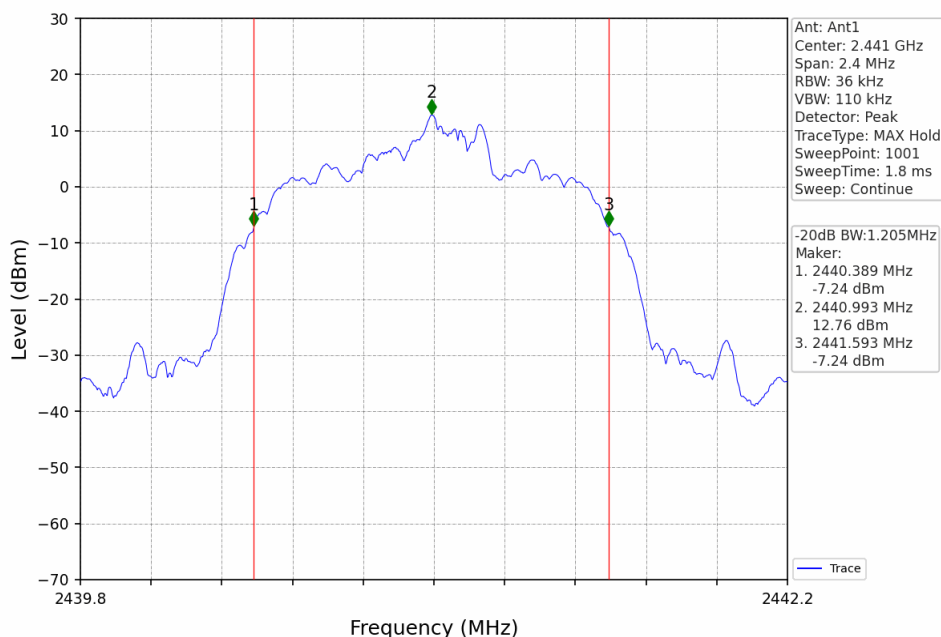
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



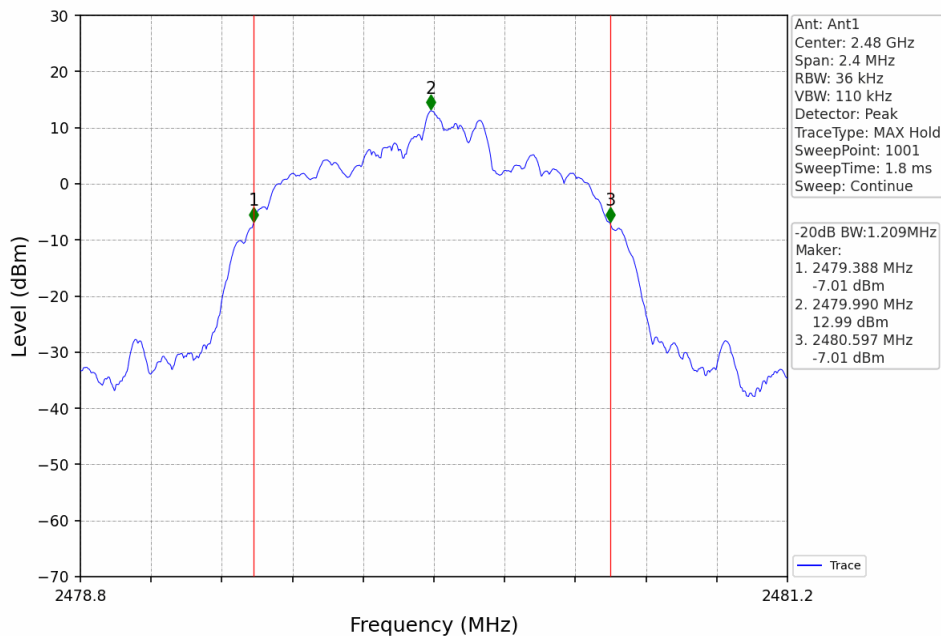
Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



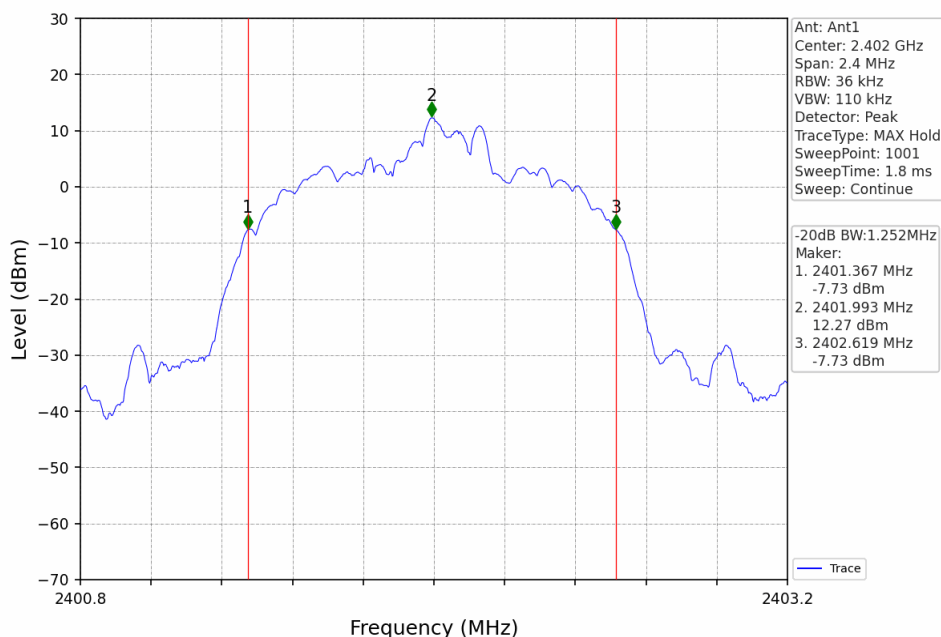
Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



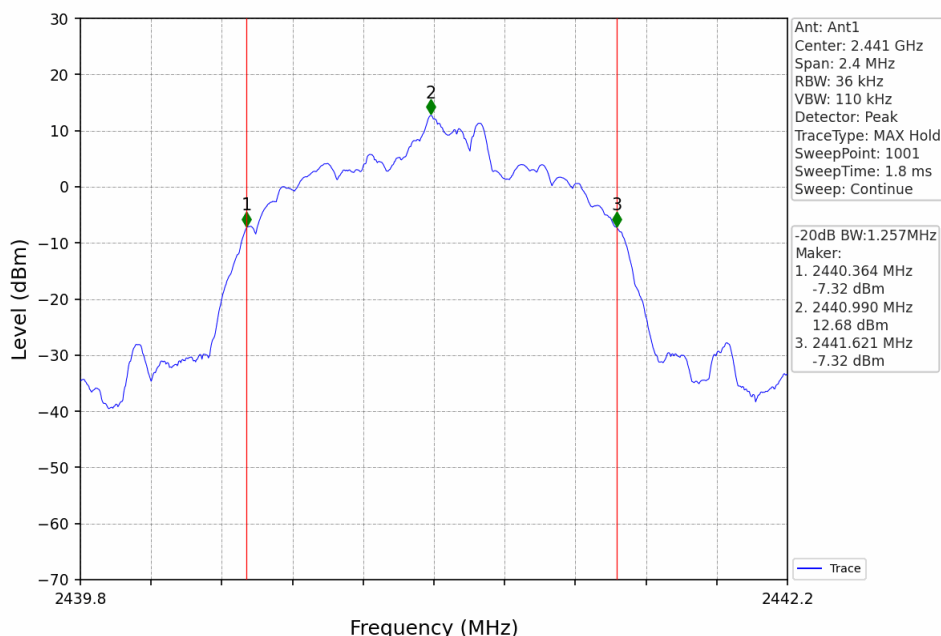
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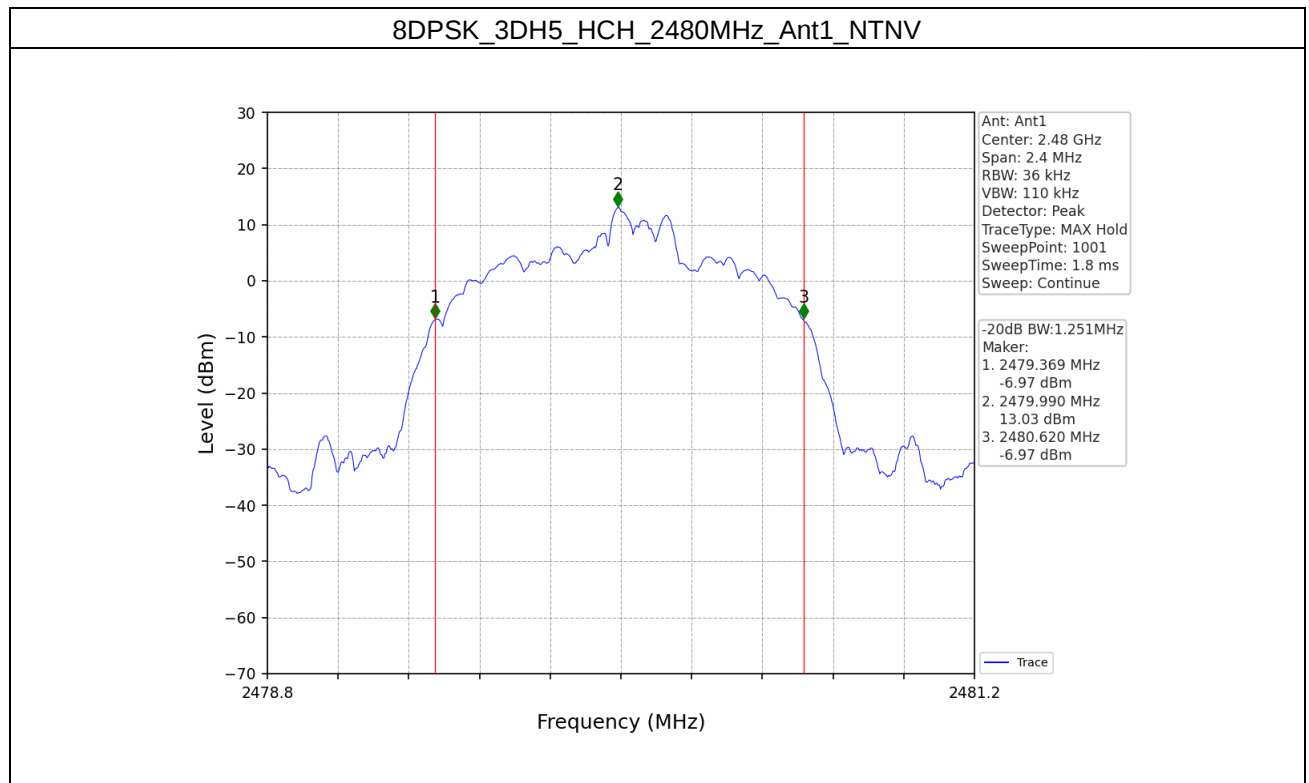


8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV





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2. Maximum Conducted Output Power

2.1 Power

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	Maximum Peak Conducted Output Power (dBm)		Verdict
				ANT1	Limit	
GFSK	SISO	2402	DH5	13.25	<=20.97	Pass
		2441	DH5	13.73	<=20.97	Pass
		2480	DH5	13.93	<=20.97	Pass
Pi/4DQPSK	SISO	2402	2DH5	13.11	<=20.97	Pass
		2441	2DH5	13.55	<=20.97	Pass
		2480	2DH5	13.78	<=20.97	Pass
8DPSK	SISO	2402	3DH5	13.10	<=20.97	Pass
		2441	3DH5	13.56	<=20.97	Pass
		2480	3DH5	13.80	<=20.97	Pass

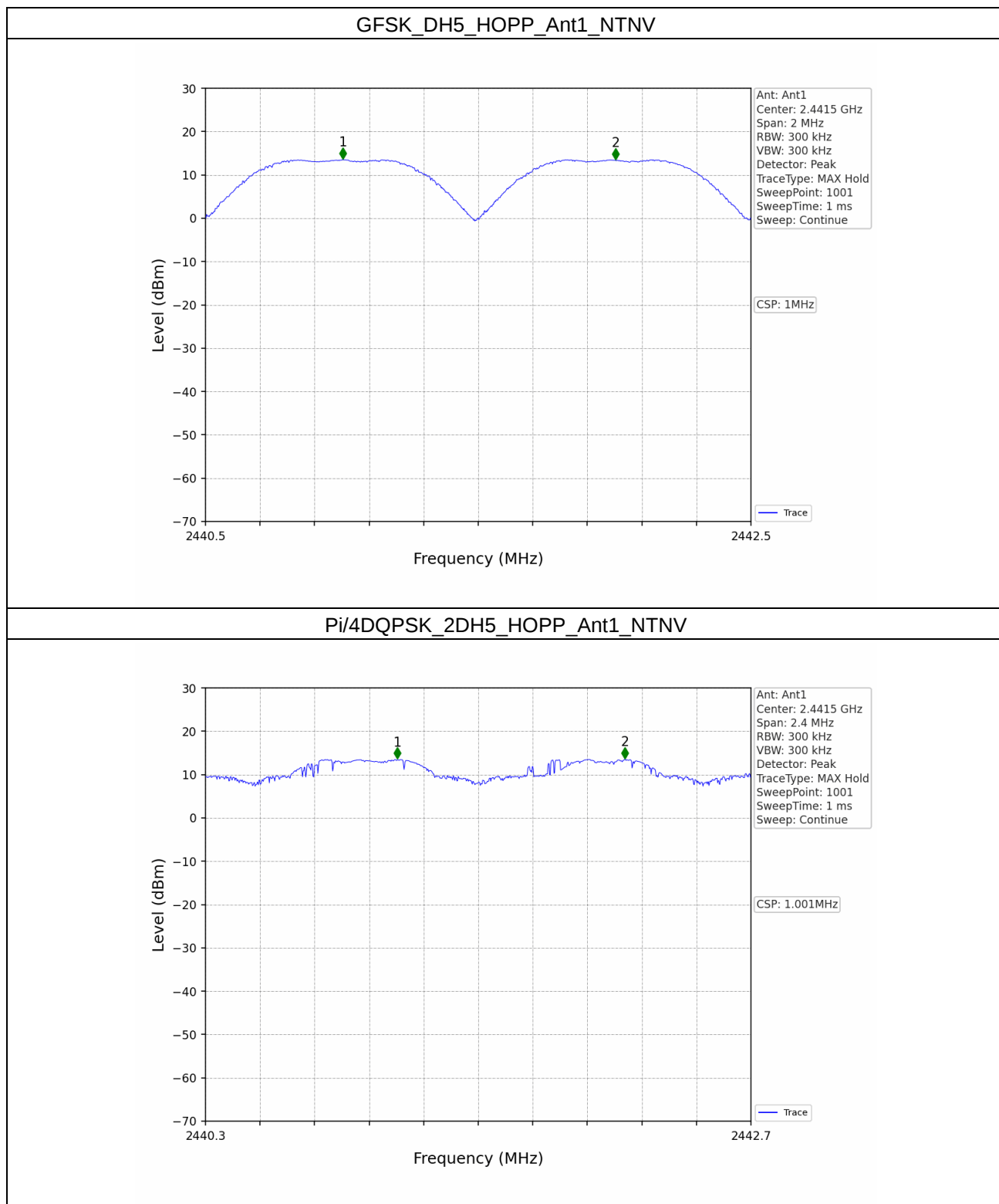
3. Carrier Frequency Separation

3.1 Ant1

3.1.1 Test Result

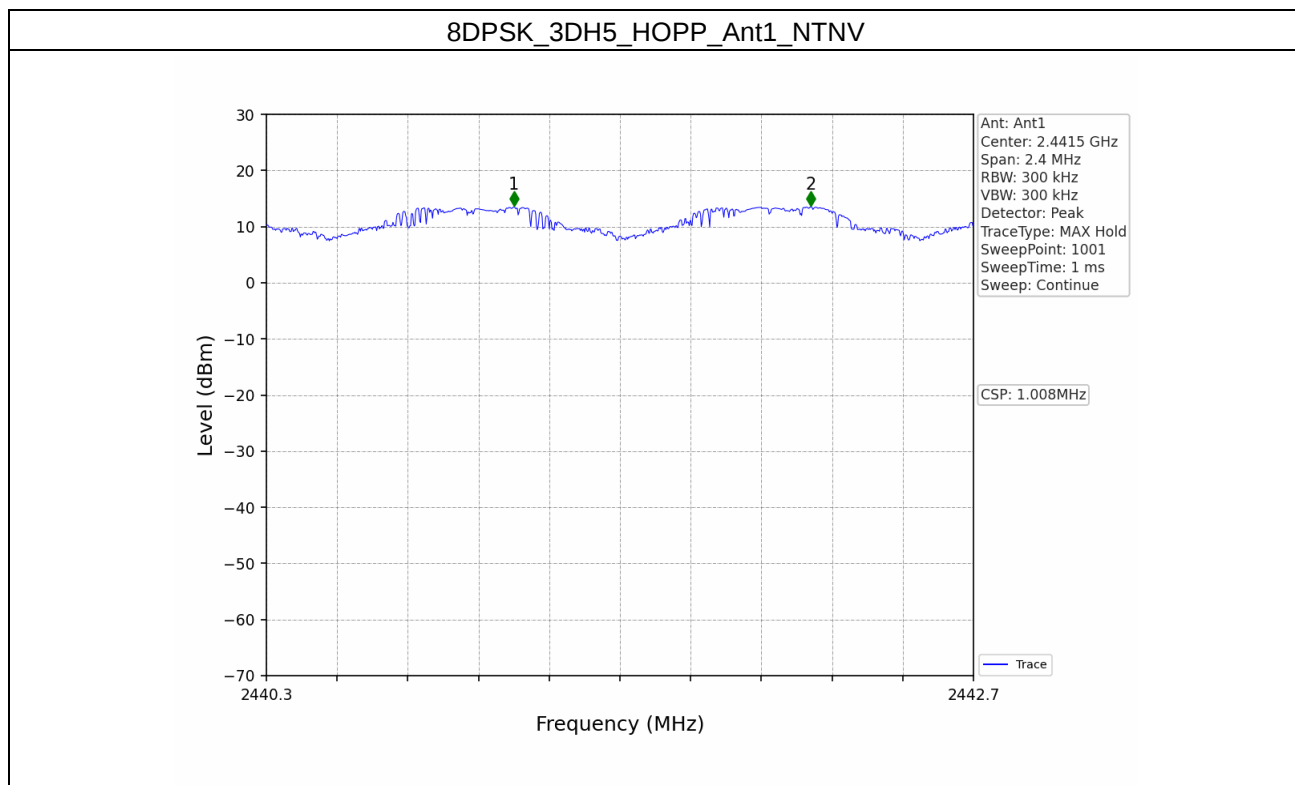
Ant1							
Mode	TX Type	Frequency (MHz)	Packet Type	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
GFSK	SISO	HOPP	DH5	1.000	1.046	≥ 0.697	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	1.001	1.209	≥ 0.806	Pass
8DPSK	SISO	HOPP	3DH5	1.008	1.257	≥ 0.838	Pass

3.1.2 Test Graph



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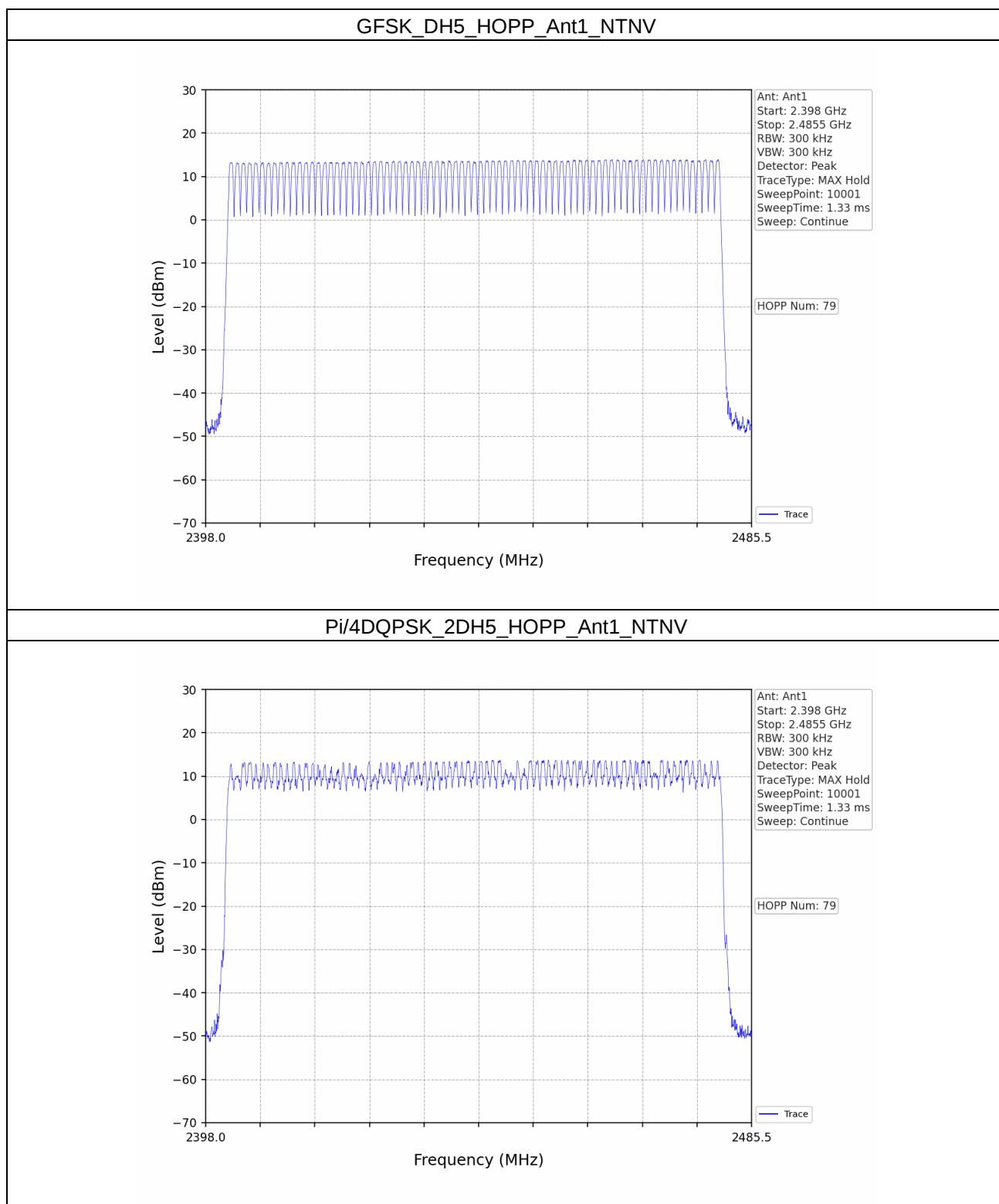
4. Number of Hopping Frequencies

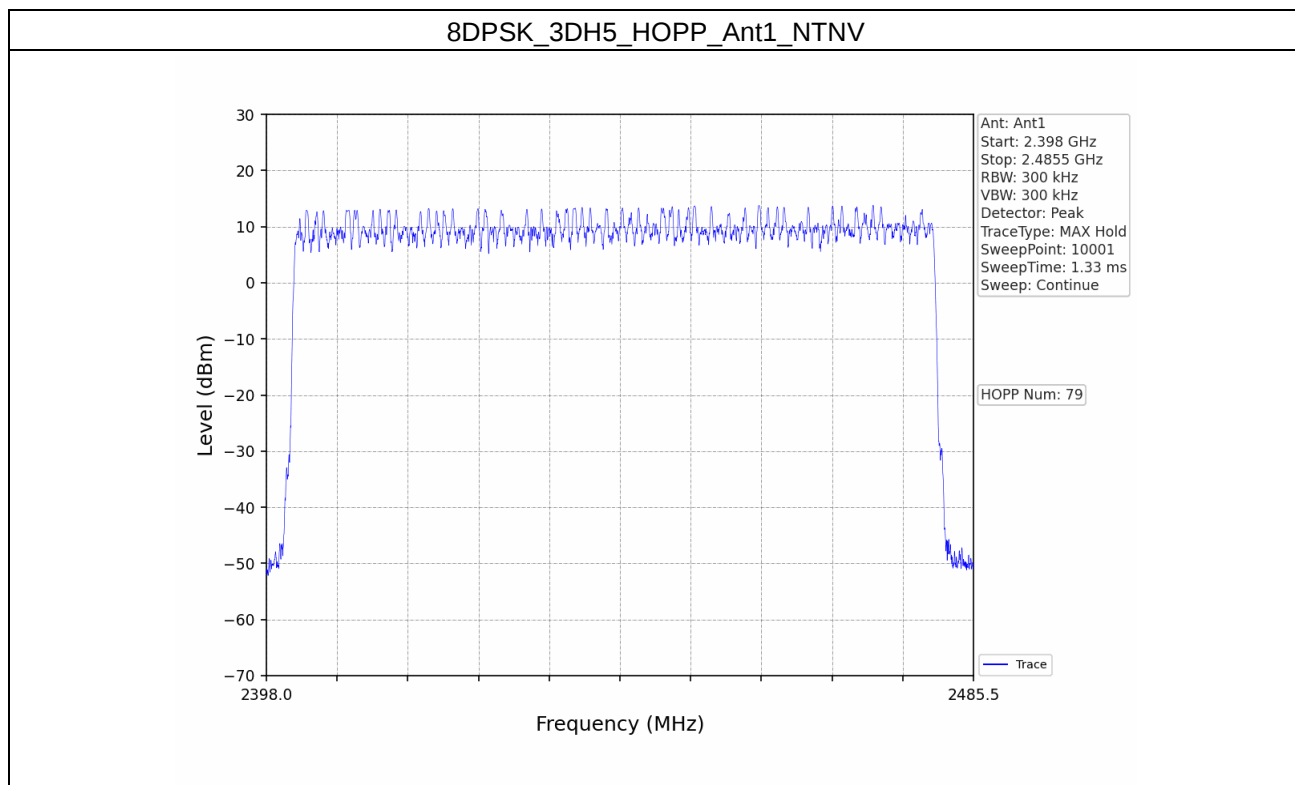
4.1 HoppNum

4.1.1 Test Result

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

4.1.2 Test Graph





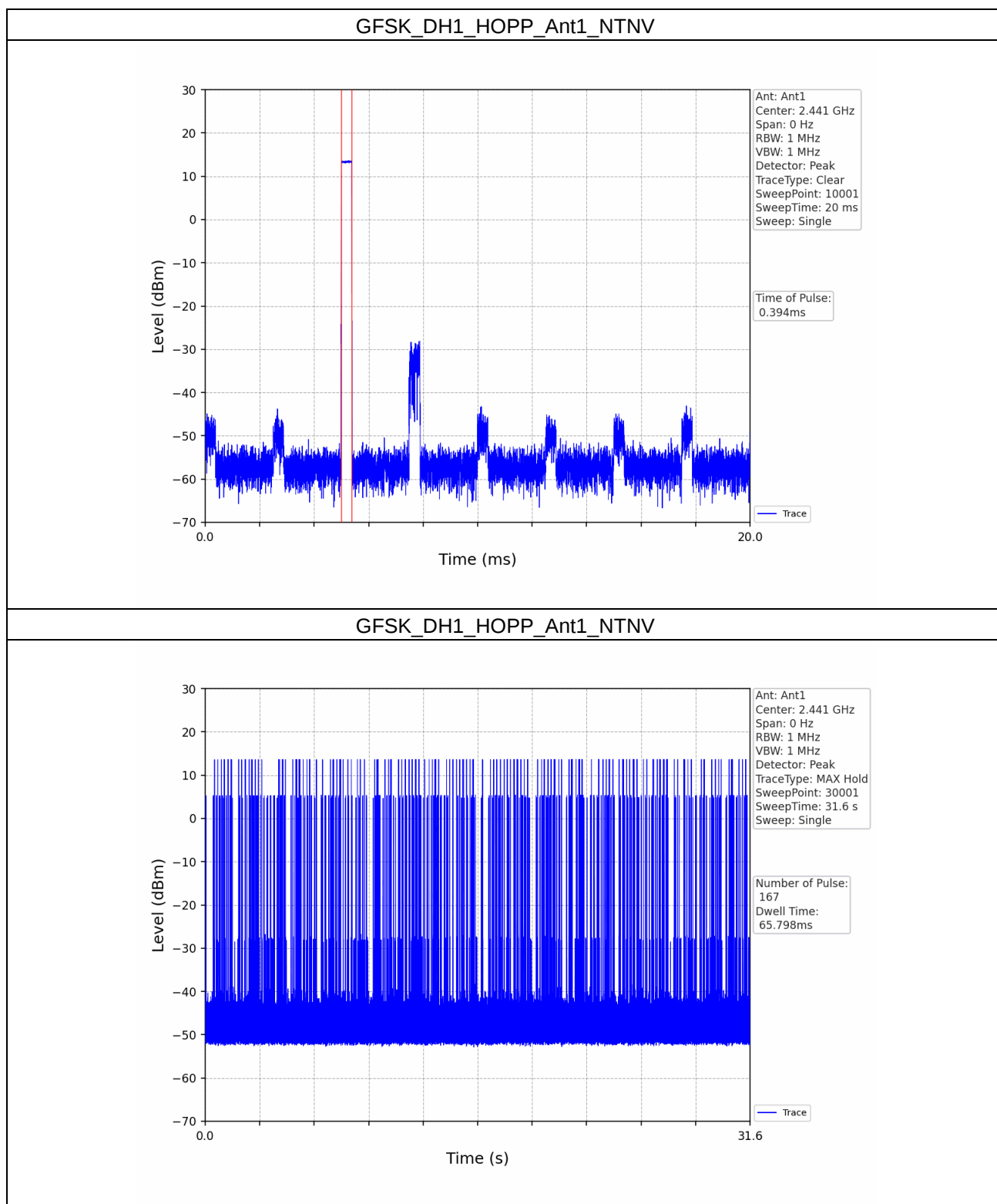
5. Time of Occupancy (Dwell Time)

5.1 Ant1

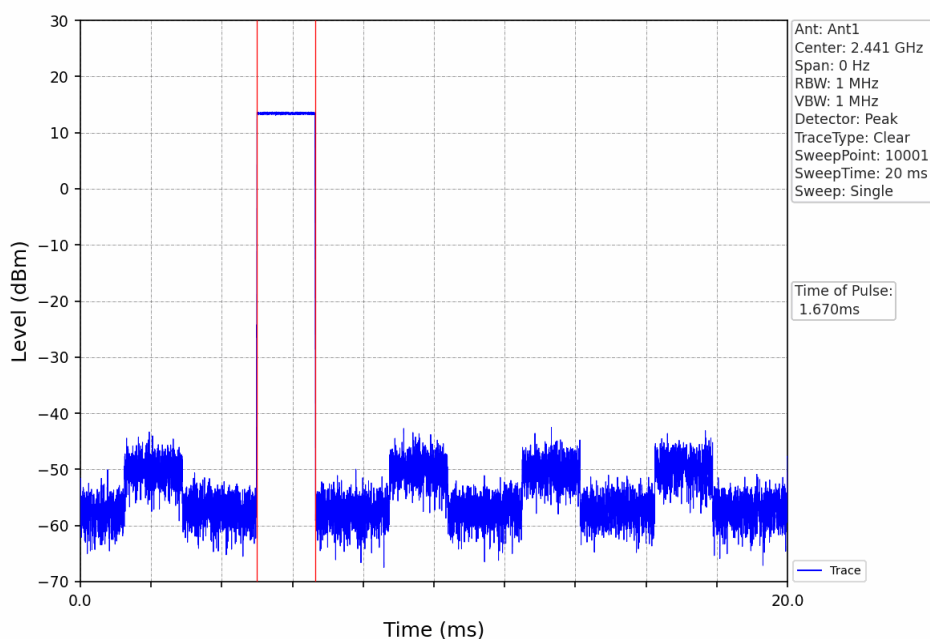
5.1.1 Test Result

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	0.394	31.600	167	65.798	<=400	Pass
			DH3	1.670	31.600	94	156.980	<=400	Pass
			DH5	2.916	31.600	79	230.364	<=400	Pass
Pi/4DQPSK	SISO	HOPP	2DH1	0.402	31.600	170	68.340	<=400	Pass
			2DH3	1.674	31.600	115	192.510	<=400	Pass
			2DH5	2.922	31.600	82	239.604	<=400	Pass
8DPSK	SISO	HOPP	3DH1	0.400	31.600	169	67.600	<=400	Pass
			3DH3	1.674	31.600	115	192.510	<=400	Pass
			3DH5	2.924	31.600	76	222.224	<=400	Pass

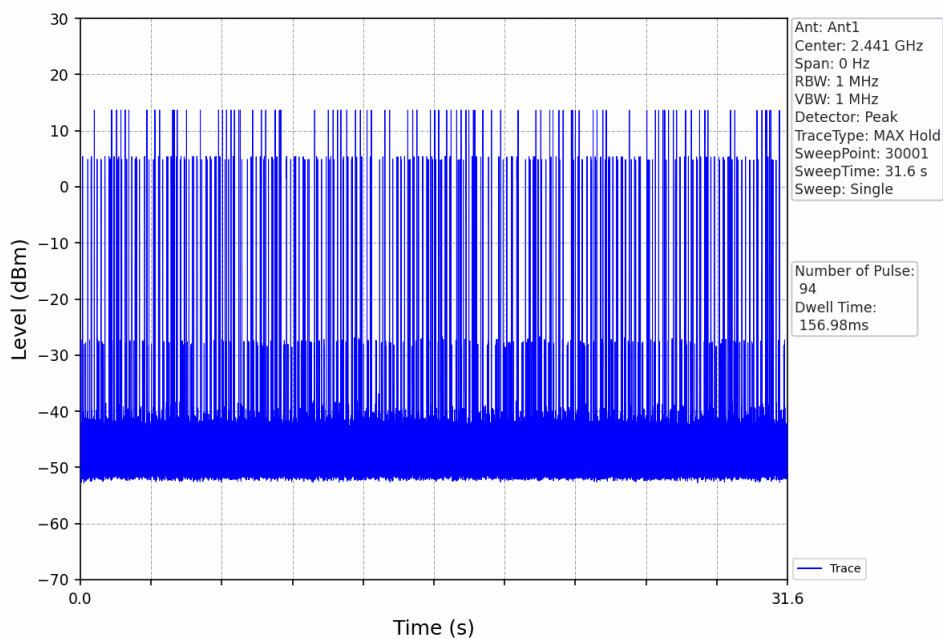
5.1.2 Test Graph



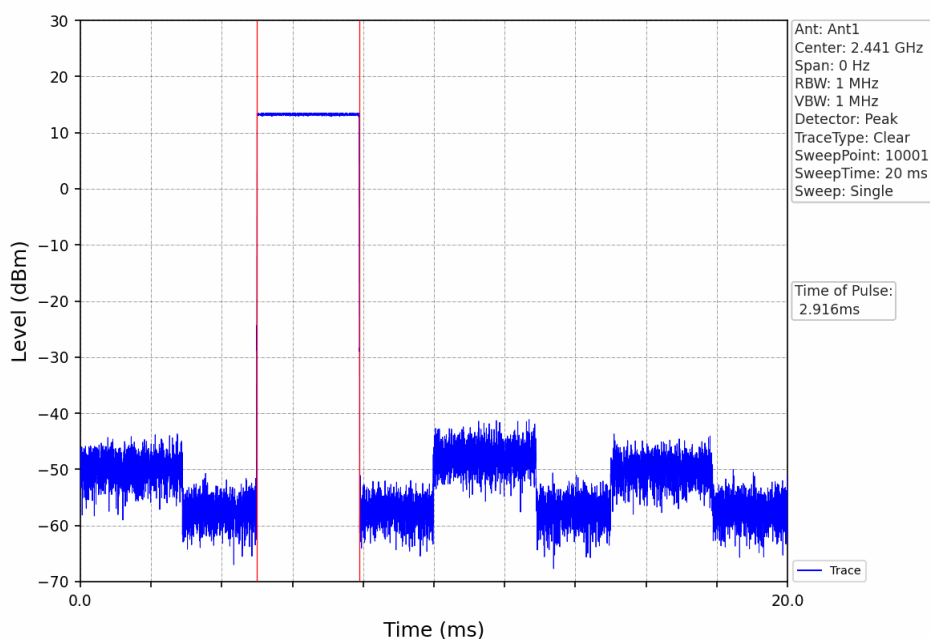
GFSK_DH3_HOPP_Ant1_NTNV



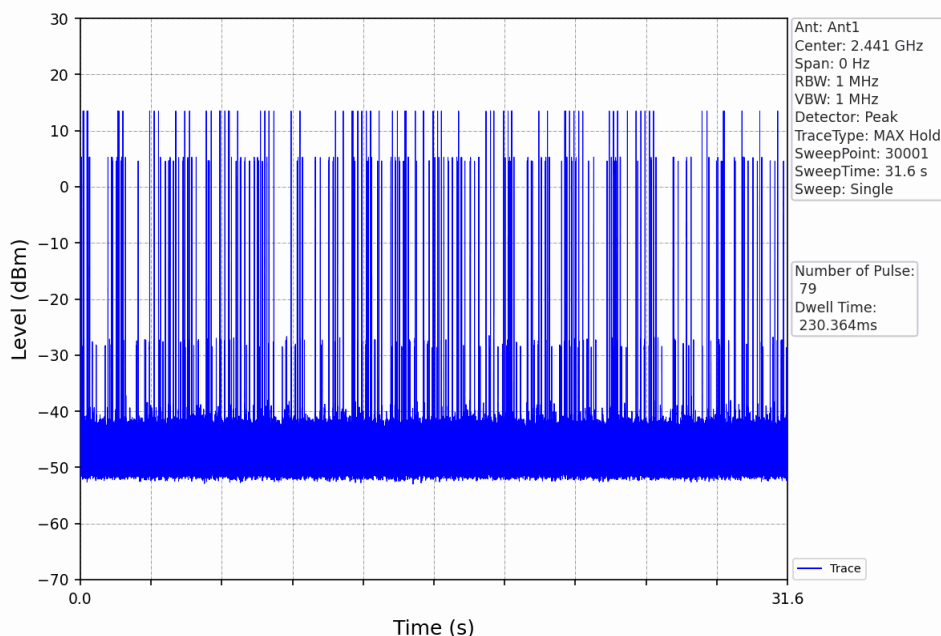
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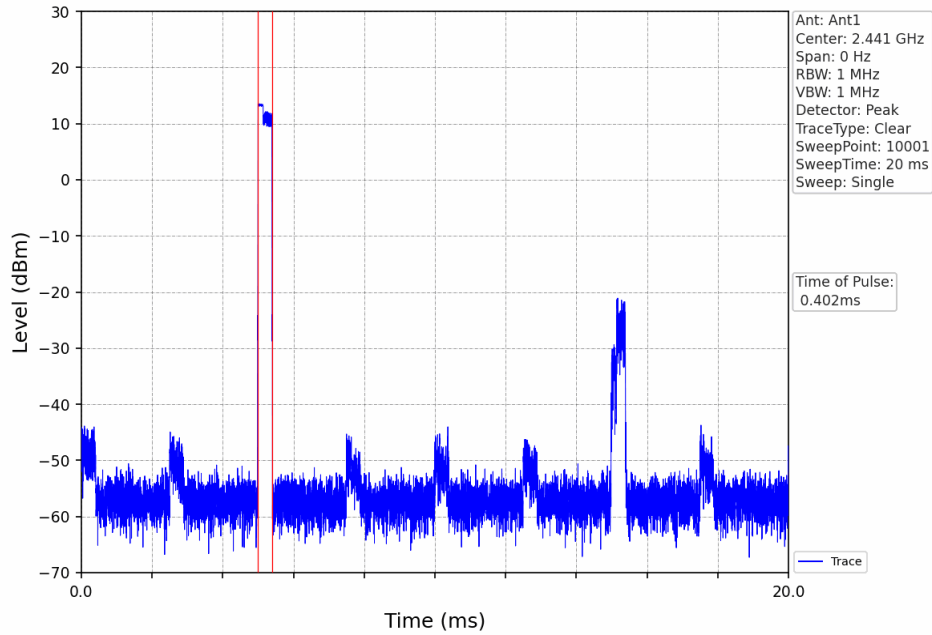
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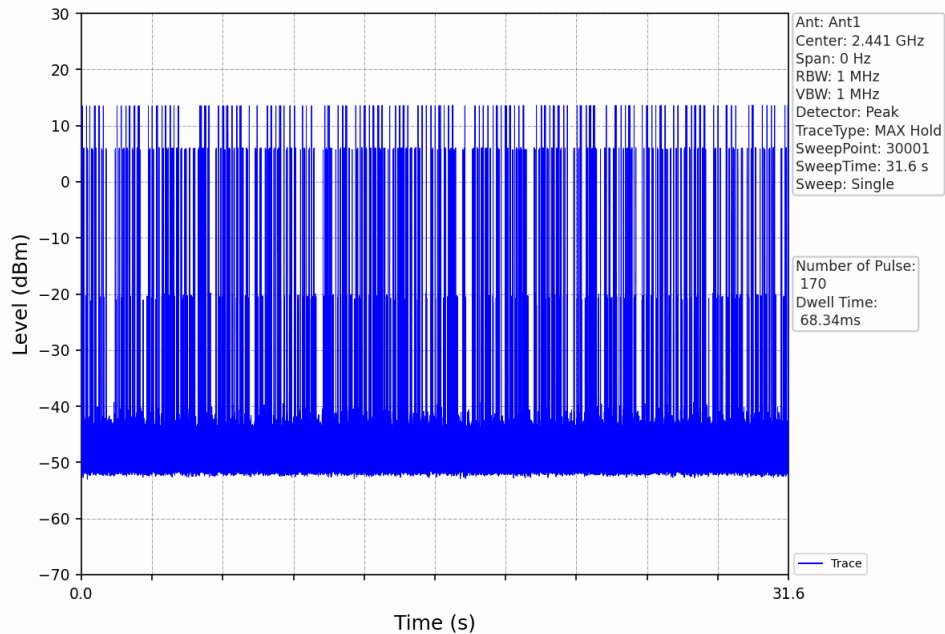
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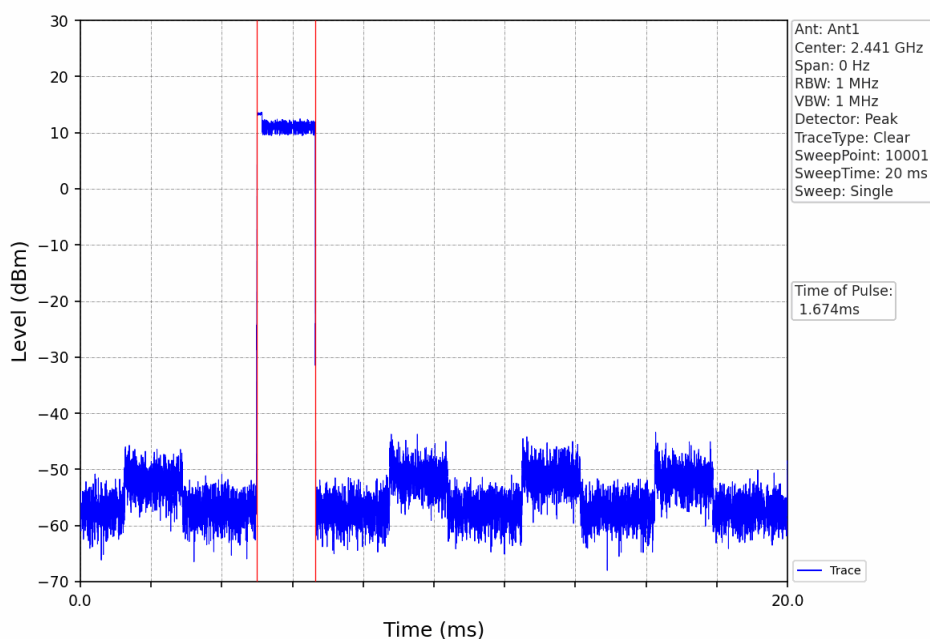
Pi/4DQPSK_2DH1_HOPP_Ant1_NTNV



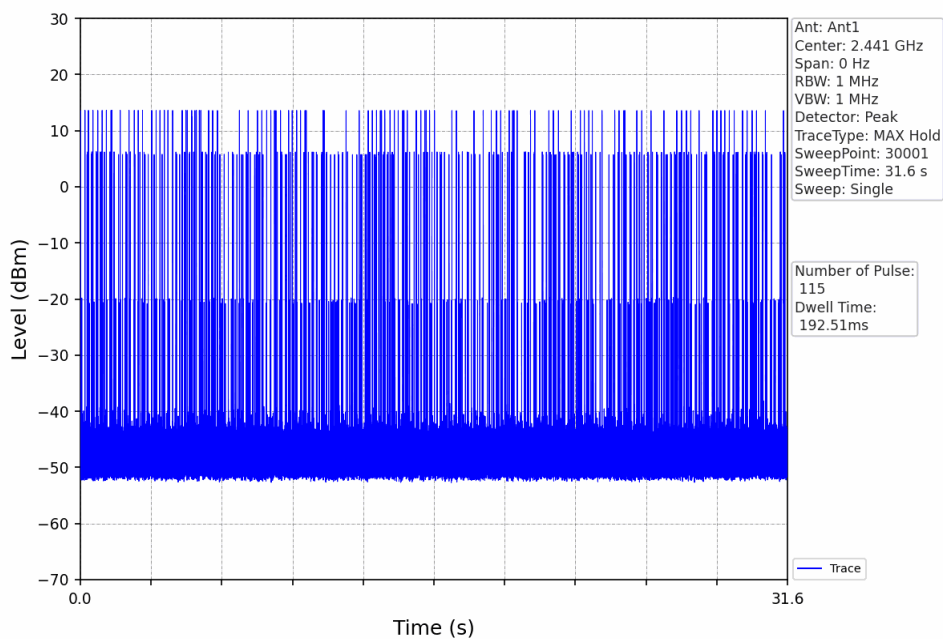
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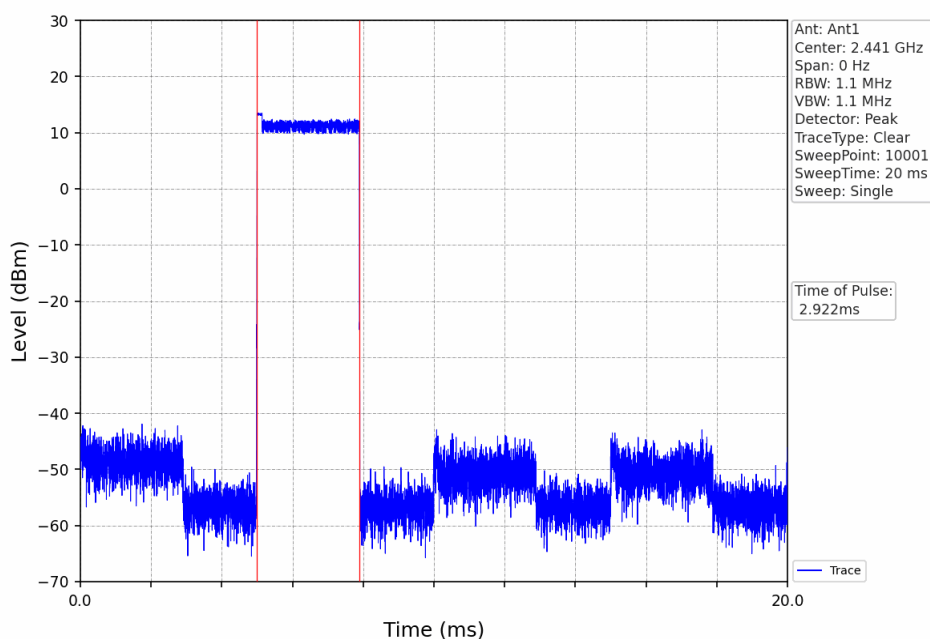
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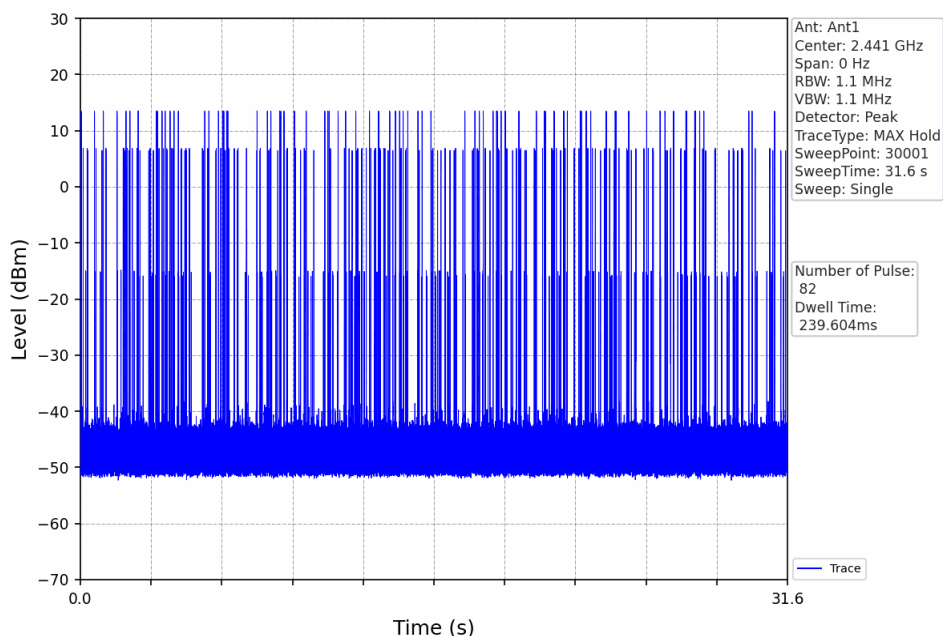
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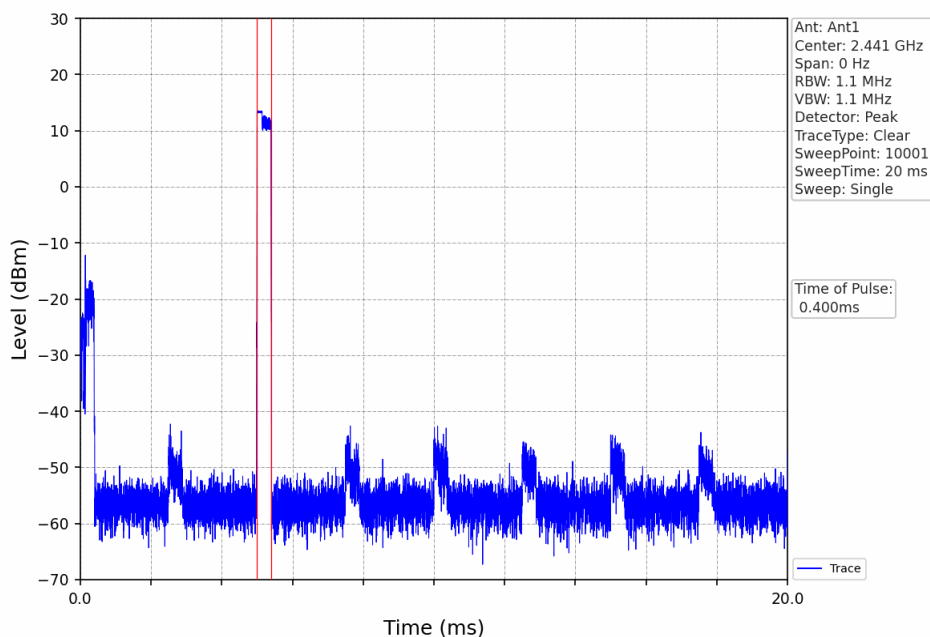
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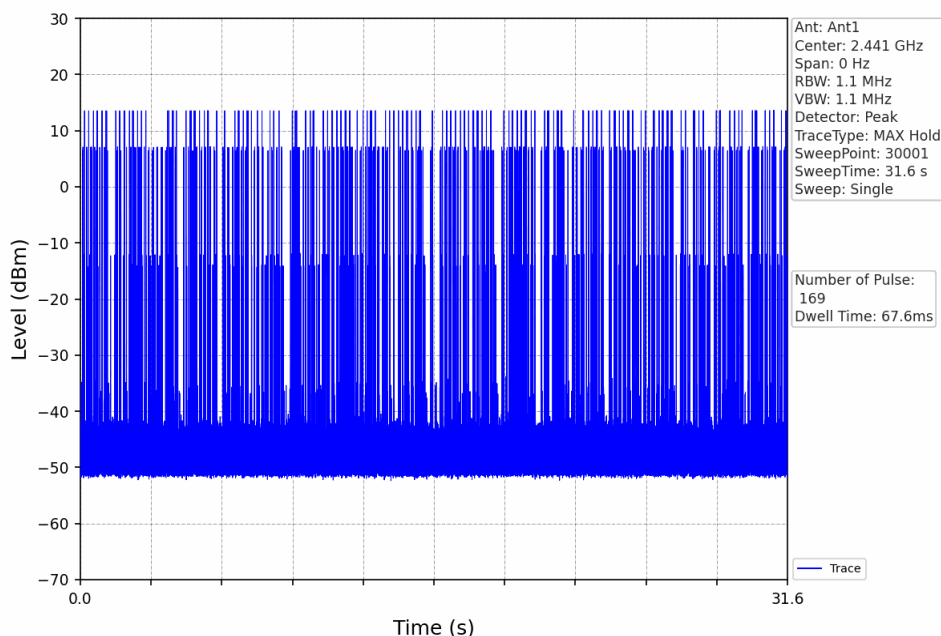
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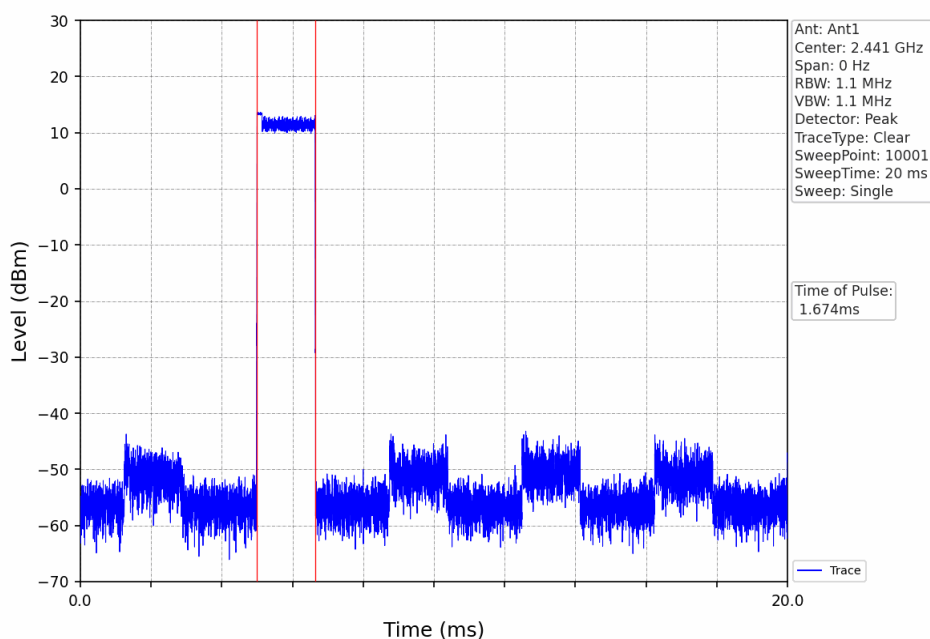
8DPSK_3DH1_HOPP_Ant1_NTNV



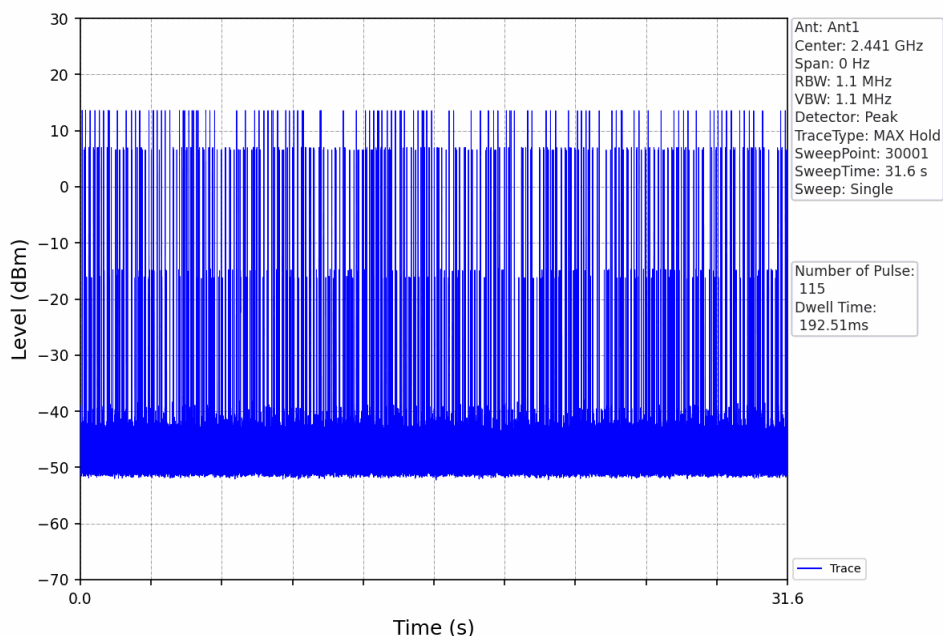
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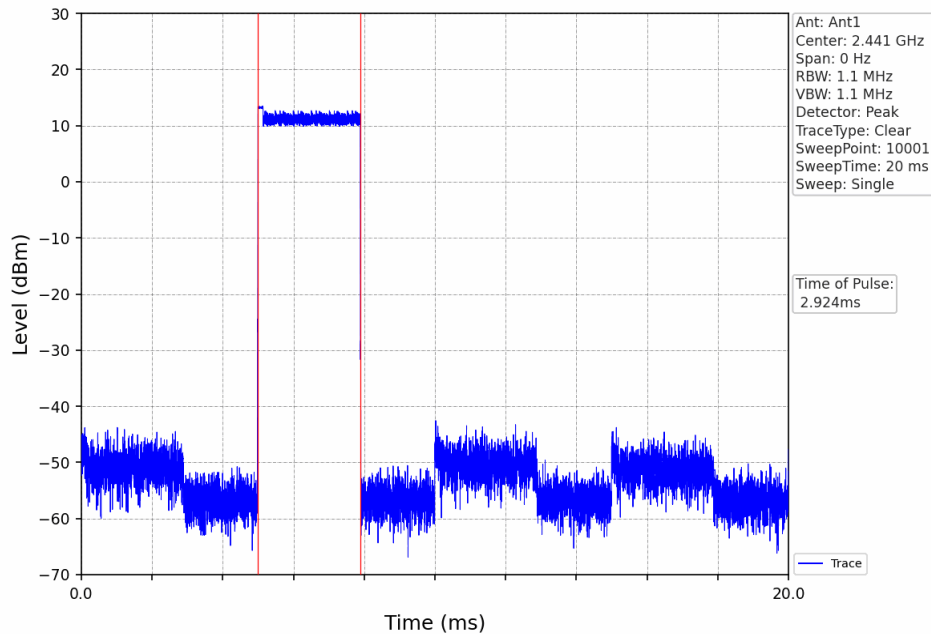
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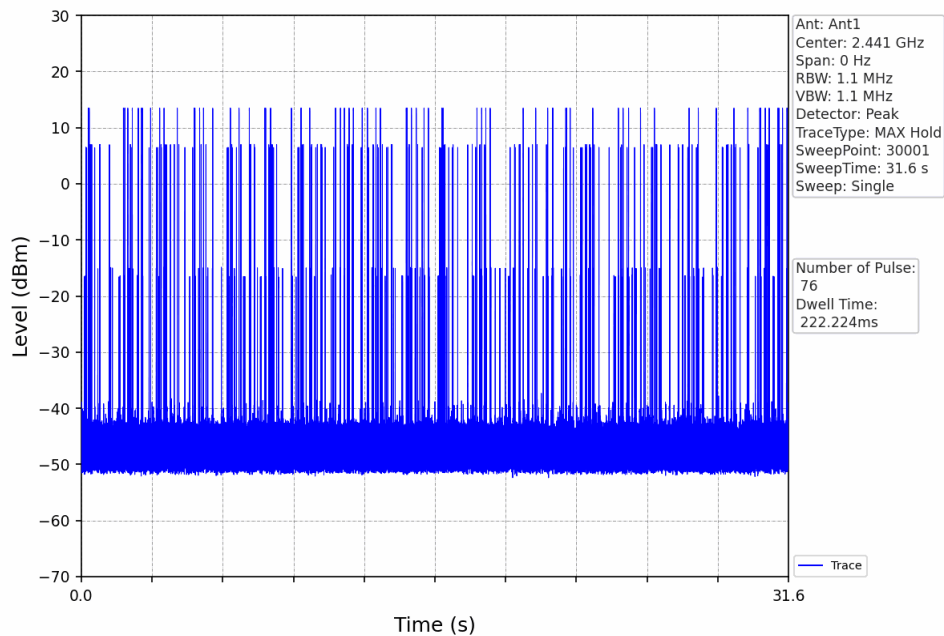
8DPSK_3DH3_HOPP_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV



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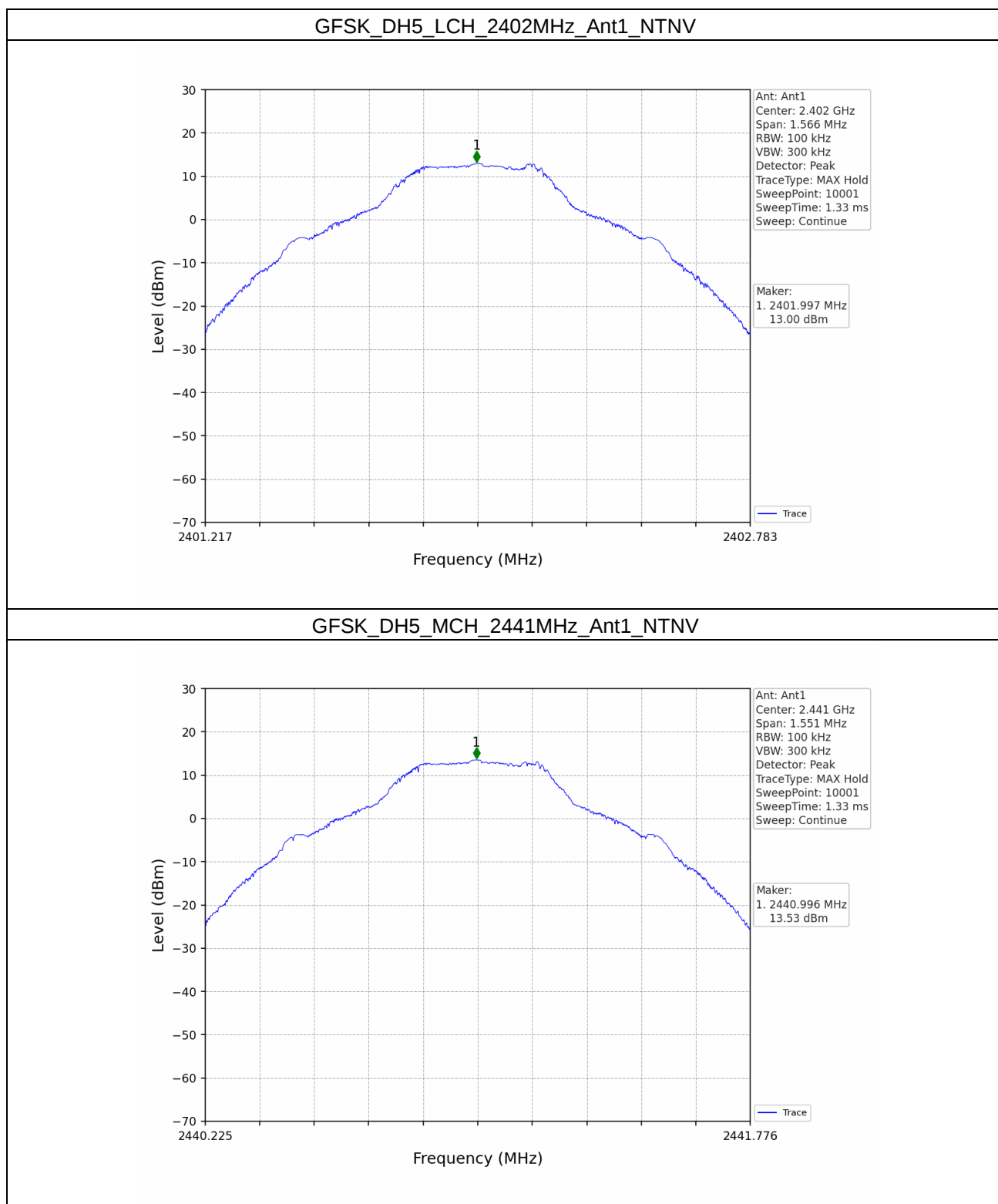
6. Unwanted Emissions In Non-restricted Frequency Bands

6.1 Ref

6.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)
GFSK	SISO	2402	DH5	1	13.00
		2441	DH5	1	13.53
		2480	DH5	1	13.70
Pi/4DQPSK	SISO	2402	2DH5	1	12.92
		2441	2DH5	1	13.26
		2480	2DH5	1	13.52
8DPSK	SISO	2402	3DH5	1	12.88
		2441	3DH5	1	13.37
		2480	3DH5	1	13.57

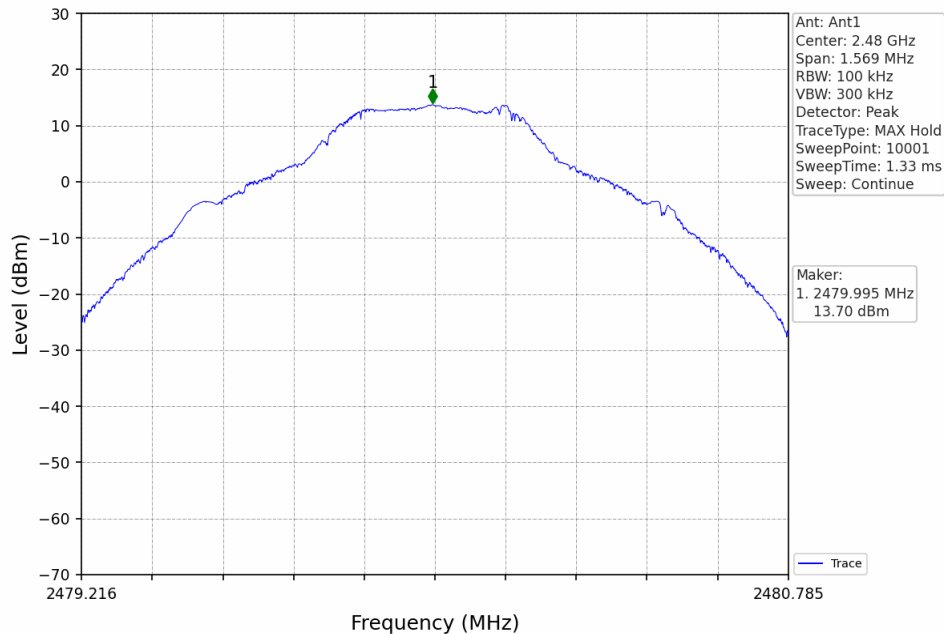
6.1.2 Test Graph



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GFSK_DH5_HCH_2480MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV

