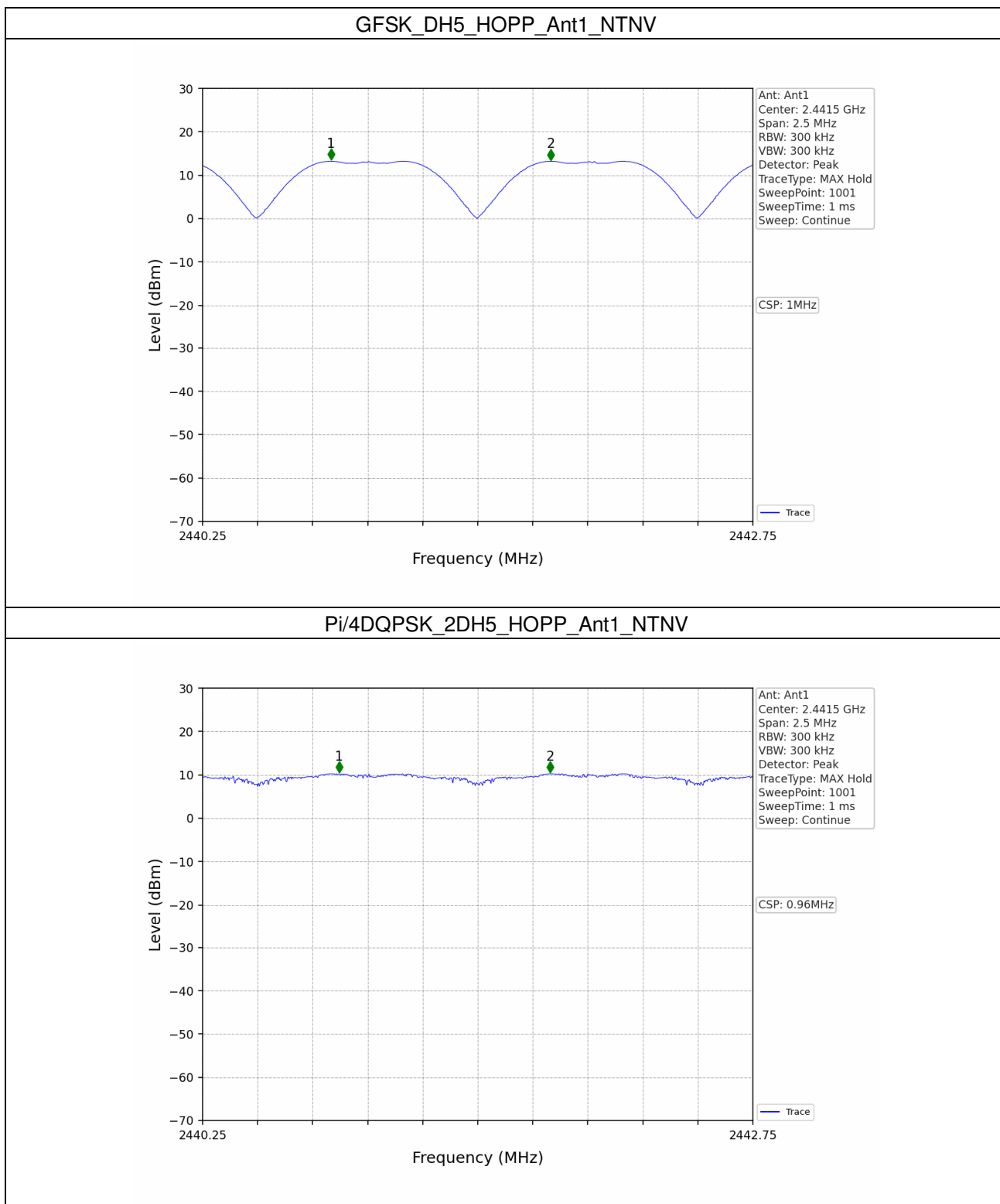
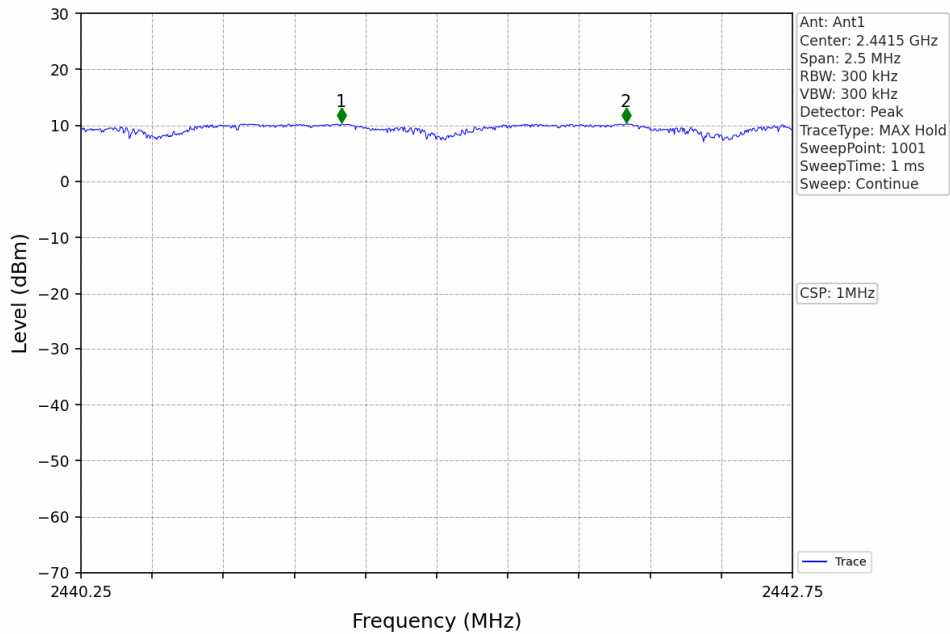


3.1.2 Test Graph



8DPSK_3DH5_HOPP_Ant1_NTNV



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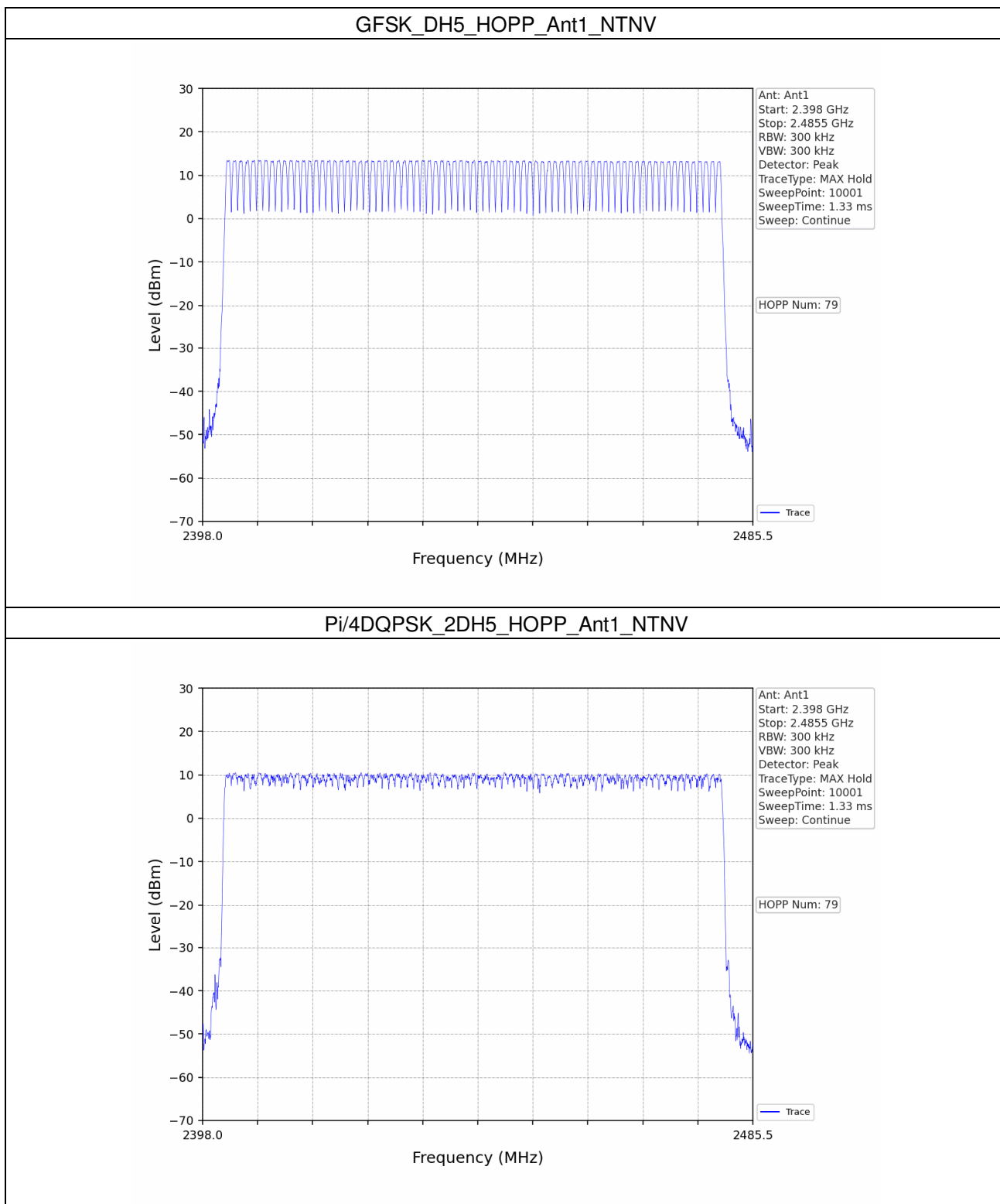
4. Number of Hopping Frequencies

4.1 HoppNum

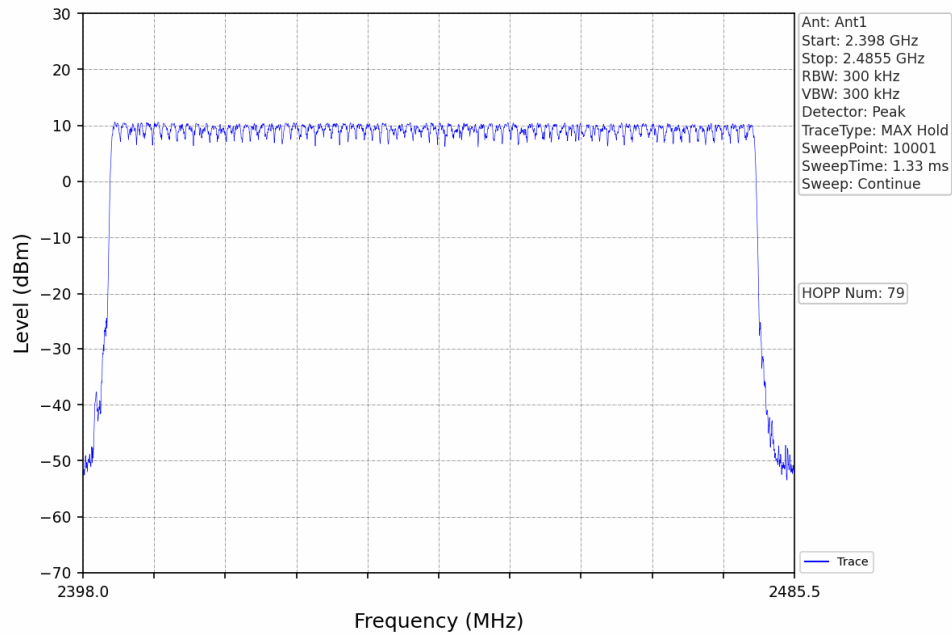
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	Num of Hopping Frequencies		Verdict
				Ant1	Limit	
GFSK	SISO	HOPP	DH5	79	≥ 15	Pass
PS/4DQPSK	SISO	HOPP	2DH5	79	≥ 15	Pass
8DPSK	SISO	HOPP	3DH5	79	≥ 15	Pass

4.1.2 Test Graph



8DPSK_3DH5_HOPP_Ant1_NTNV



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5. Time of Occupancy (Dwell Time)

5.1 Ant1

5.1.1 Test Result

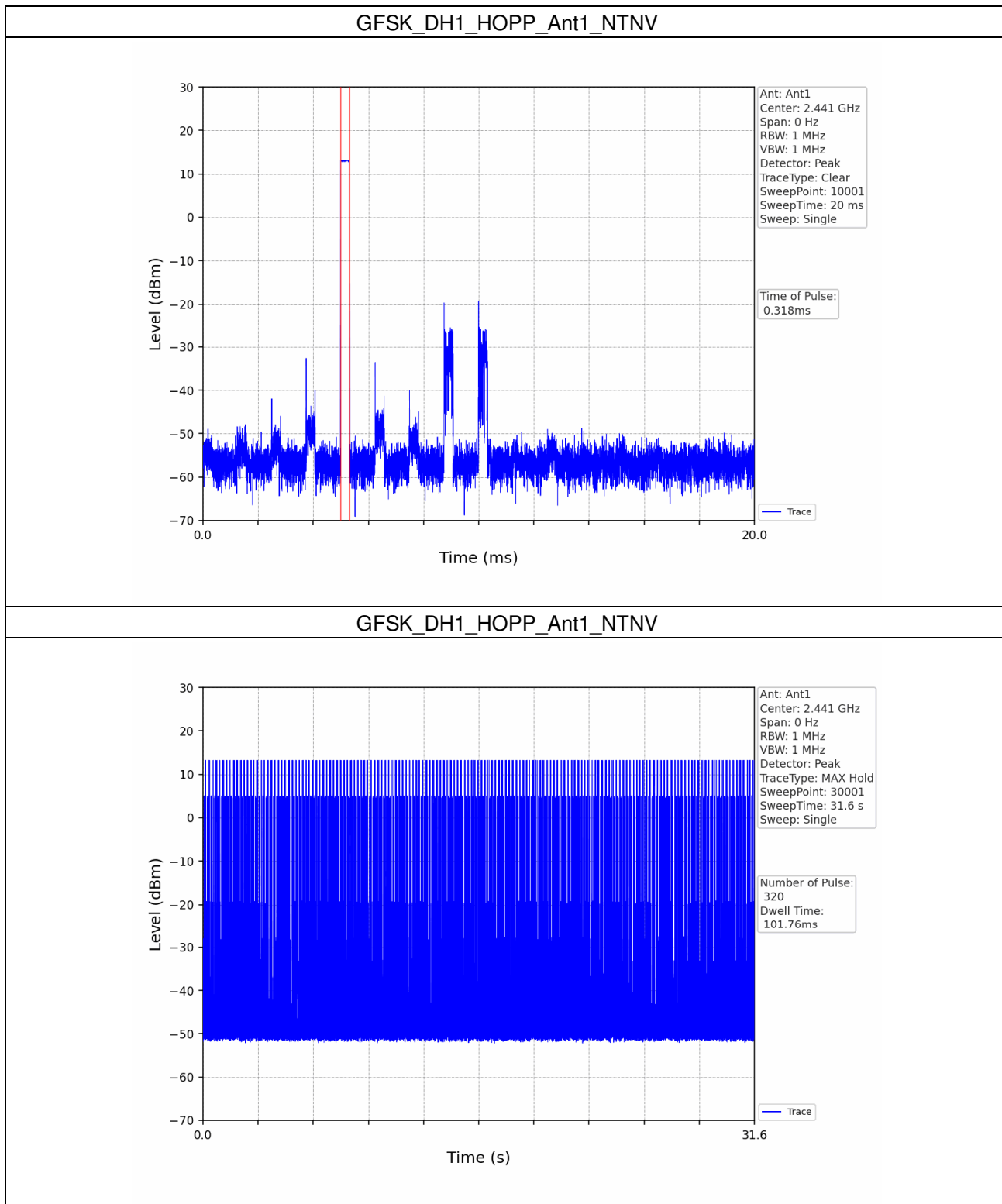
Ant1									
Mode	TX Type	Frequency (MHz)	Packet Type	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limit (ms)	Verdict
GFSK	SISO	HOPP	DH1	0.318	31.600	320	101.760	<=400	Pass
			DH3	2.886	31.600	96	277.056	<=400	Pass
			DH5	2.886	31.600	113	326.118	<=400	Pass
Pi/4DQPSK	SISO	HOPP	2DH1	2.886	31.600	119	343.434	<=400	Pass
			2DH3	2.886	31.600	113	326.118	<=400	Pass
			2DH5	2.884	31.600	100	288.400	<=400	Pass
8DPSK	SISO	HOPP	3DH1	2.888	31.600	106	306.128	<=400	Pass
			3DH3	2.886	31.600	113	326.118	<=400	Pass
			3DH5	2.888	31.600	113	326.344	<=400	Pass



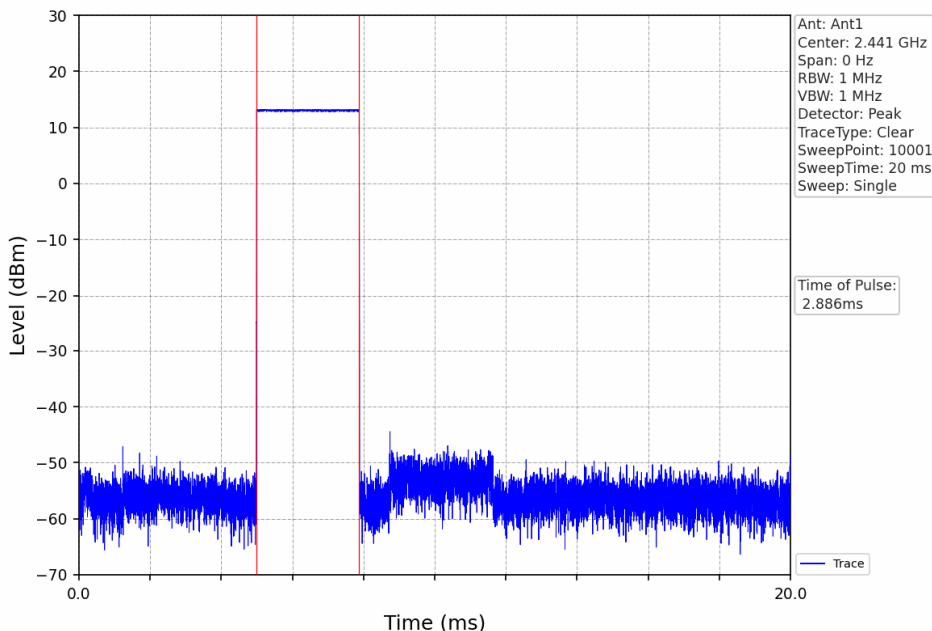
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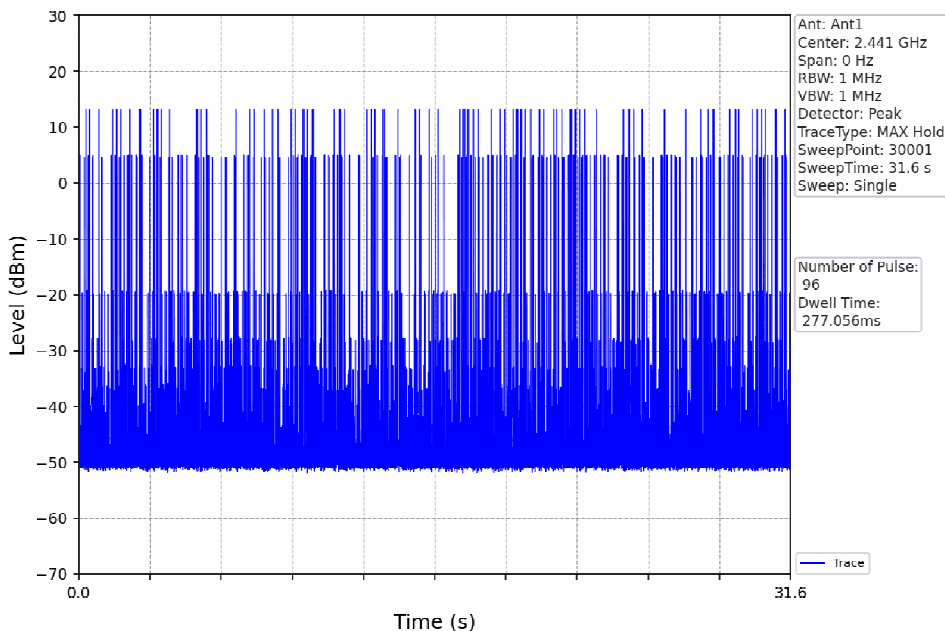
5.1.2 Test Graph



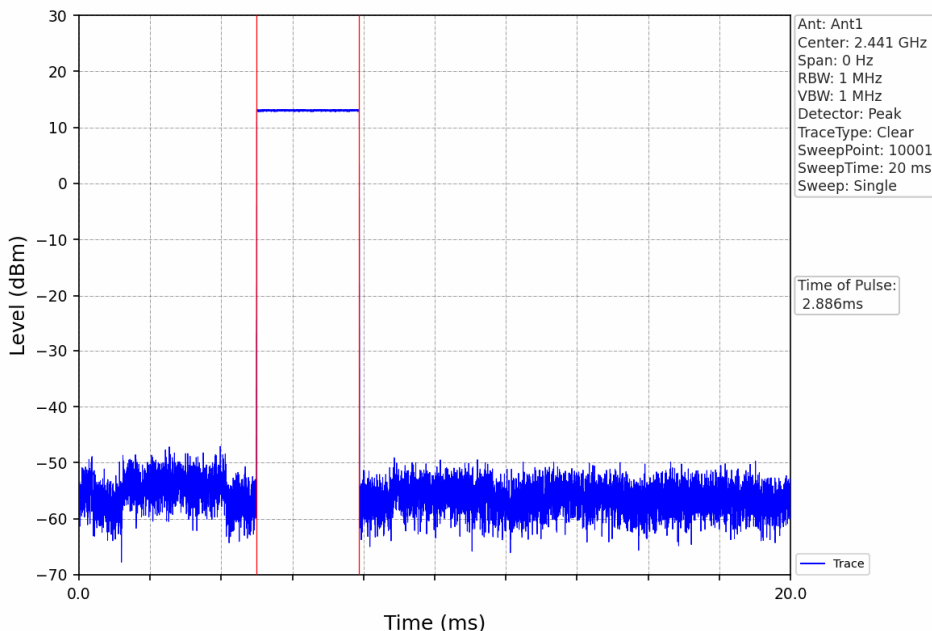
GFSK_DH3_HOPP_Ant1_NTNV



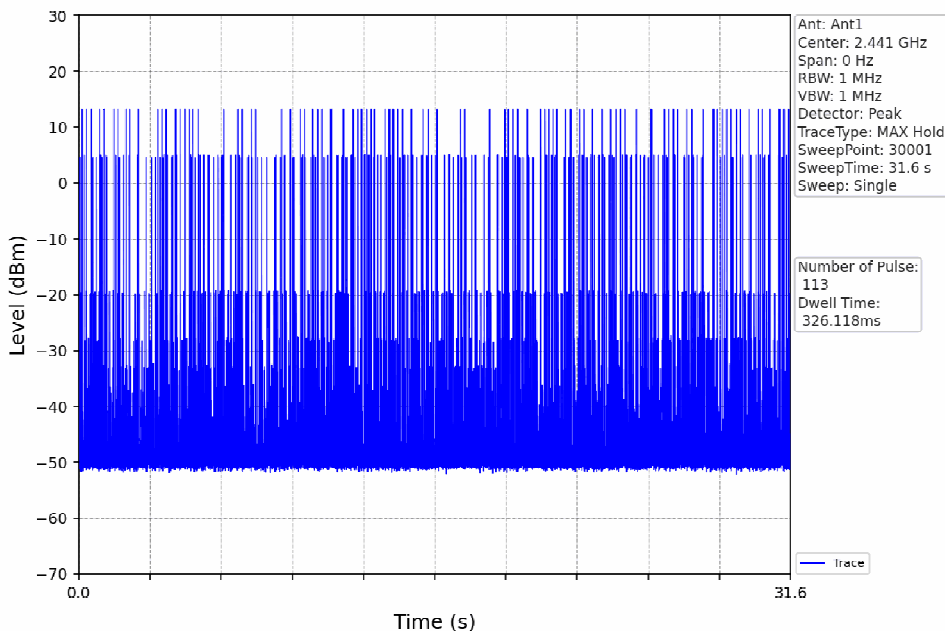
GFSK_DH3_HOPP_Ant1_NTNV



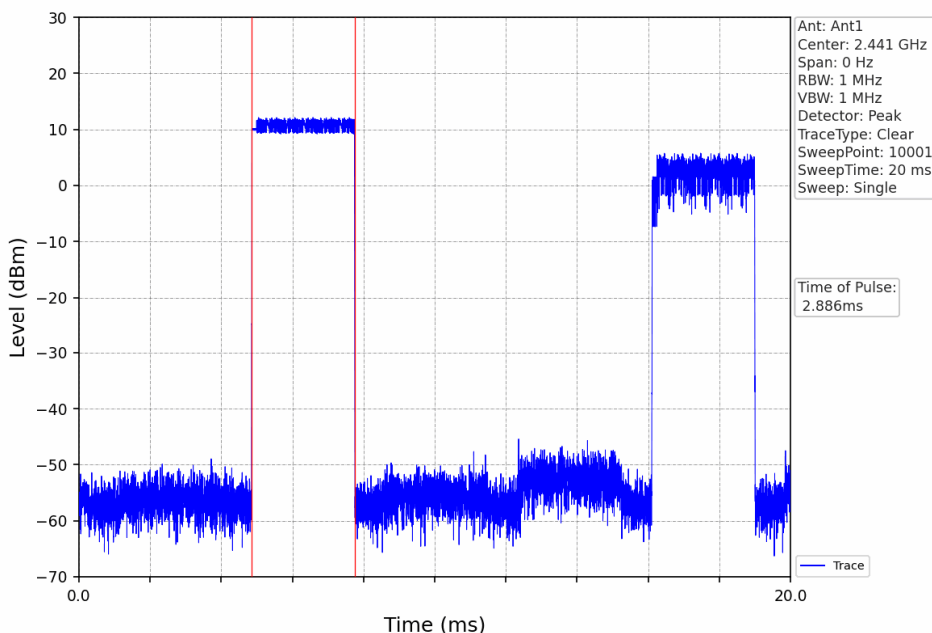
GFSK_DH5_HOPP_Ant1_NTNV



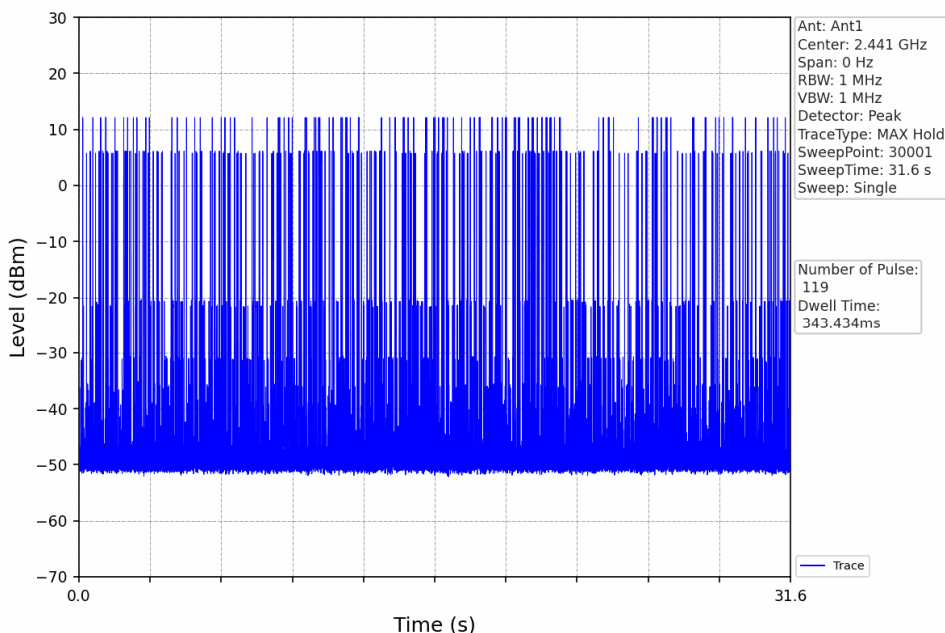
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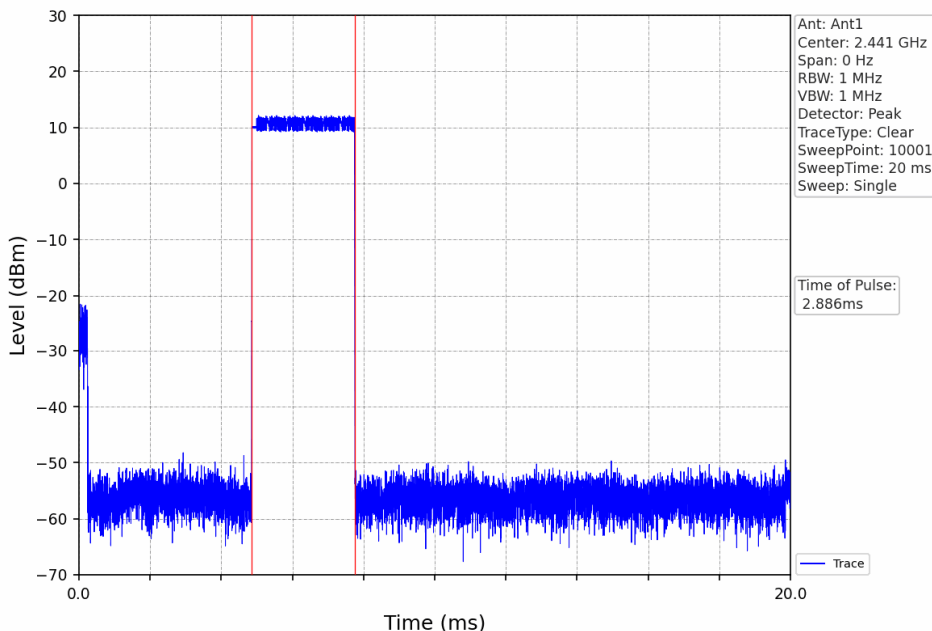
Pi/4DQPSK_2DH1_HOPP_Ant1_NTNV



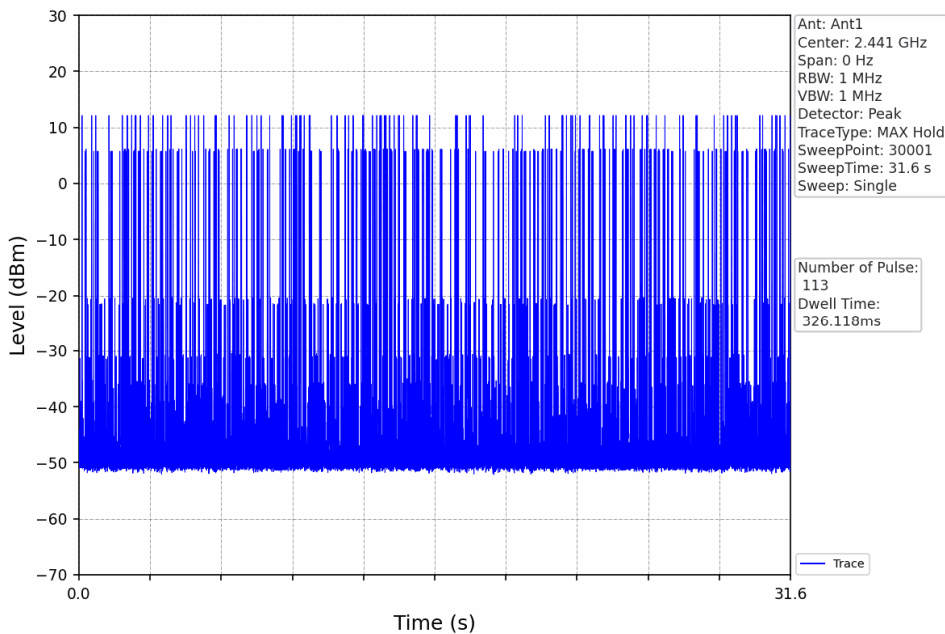
Pi/4DQPSK_2DH1_HOPP_Ant1_NTNV



Pi/4DQPSK_2DH3_HOPP_Ant1_NTNV

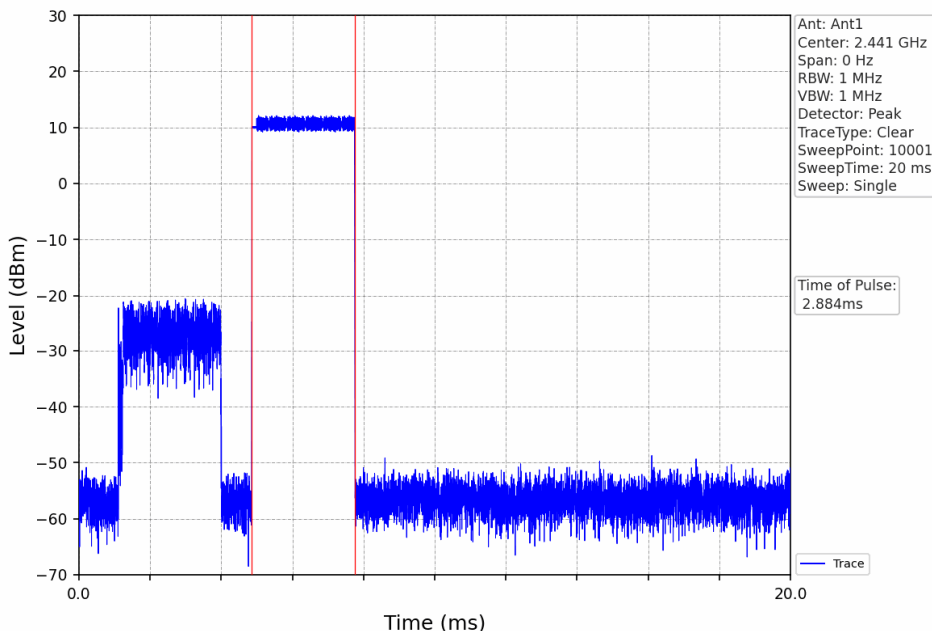


Pi/4DQPSK_2DH3_HOPP_Ant1_NTNV

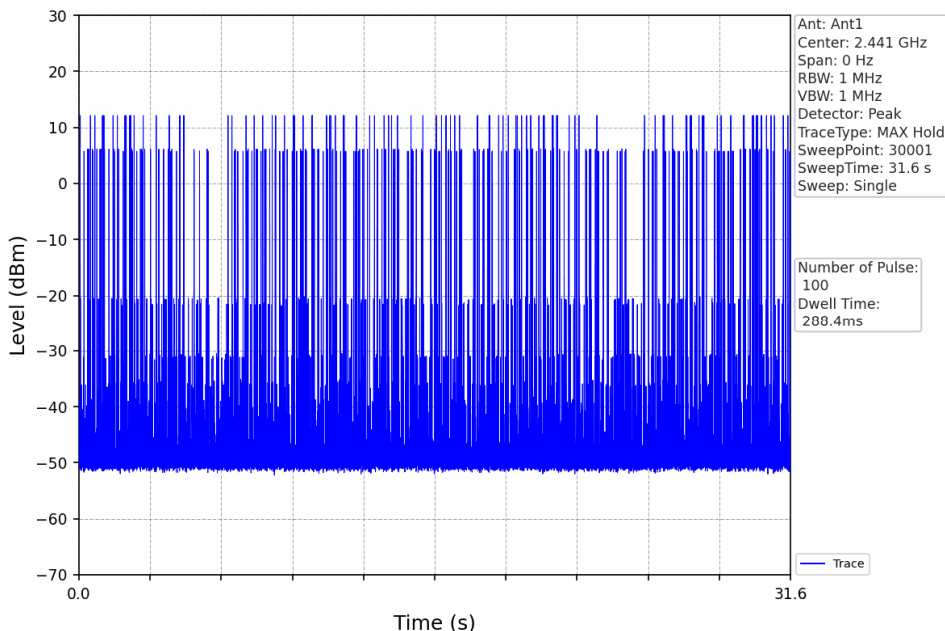


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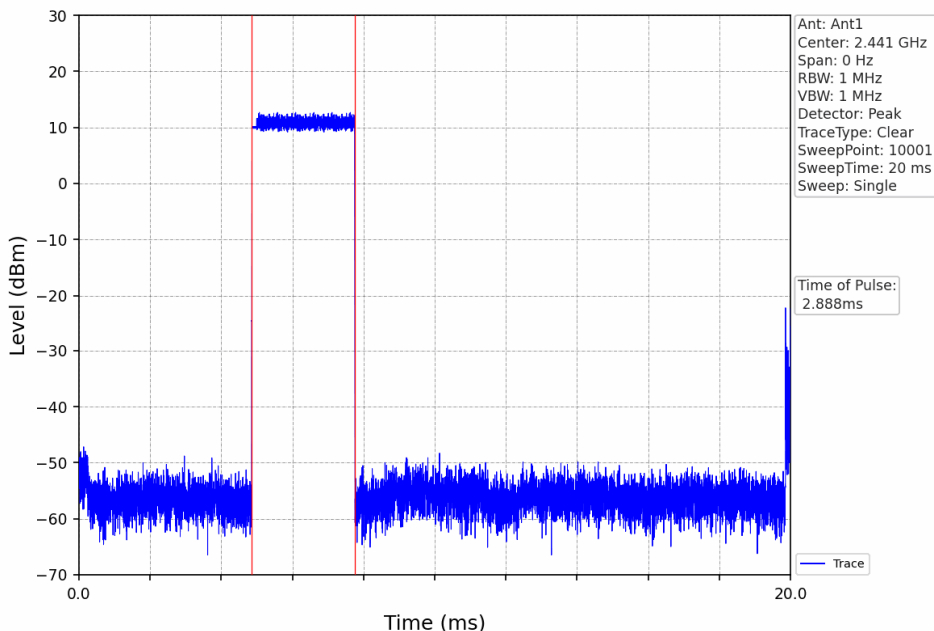
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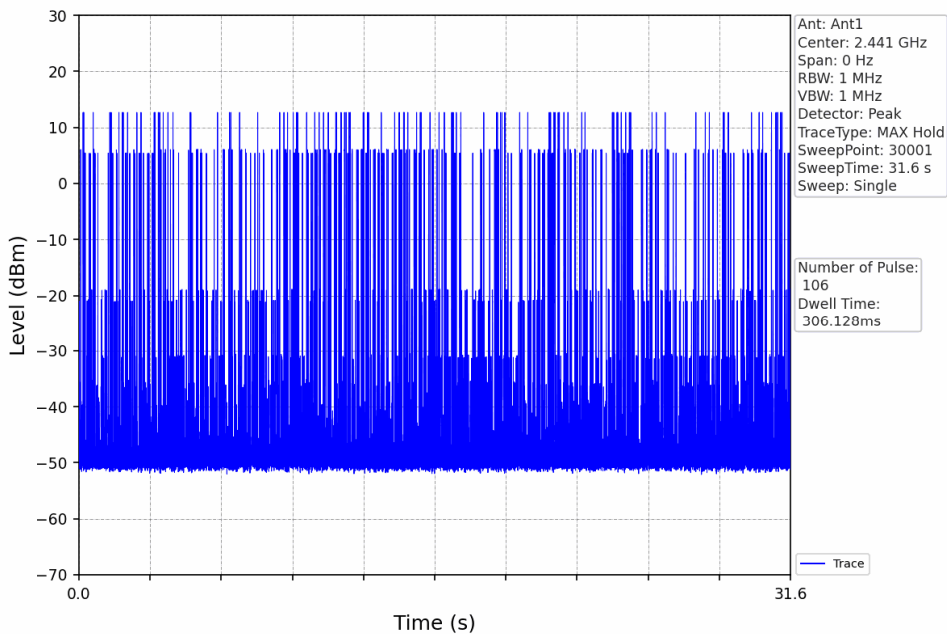
Pi/4DQPSK_2DH5_HOPP_Ant1_NTNV



8DPSK_3DH1_HOPP_Ant1_NTNV



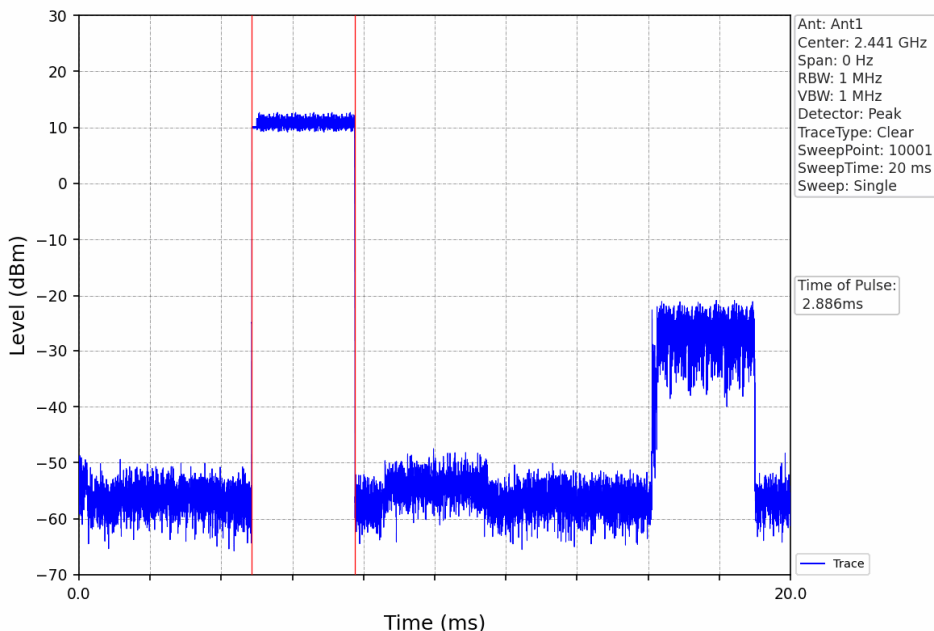
8DPSK_3DH1_HOPP_Ant1_NTNV



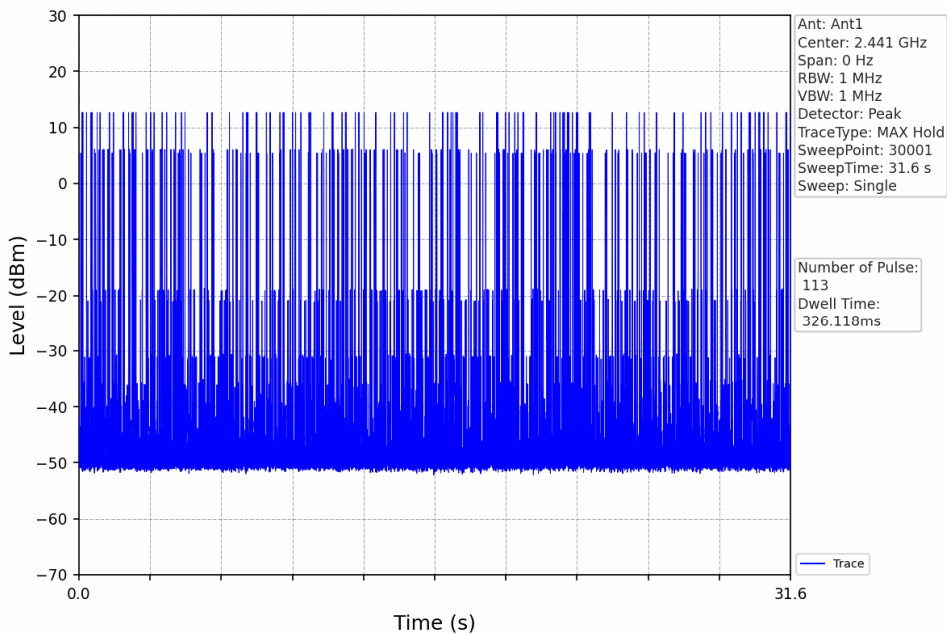
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8DPSK_3DH3_HOPP_Ant1_NTNV

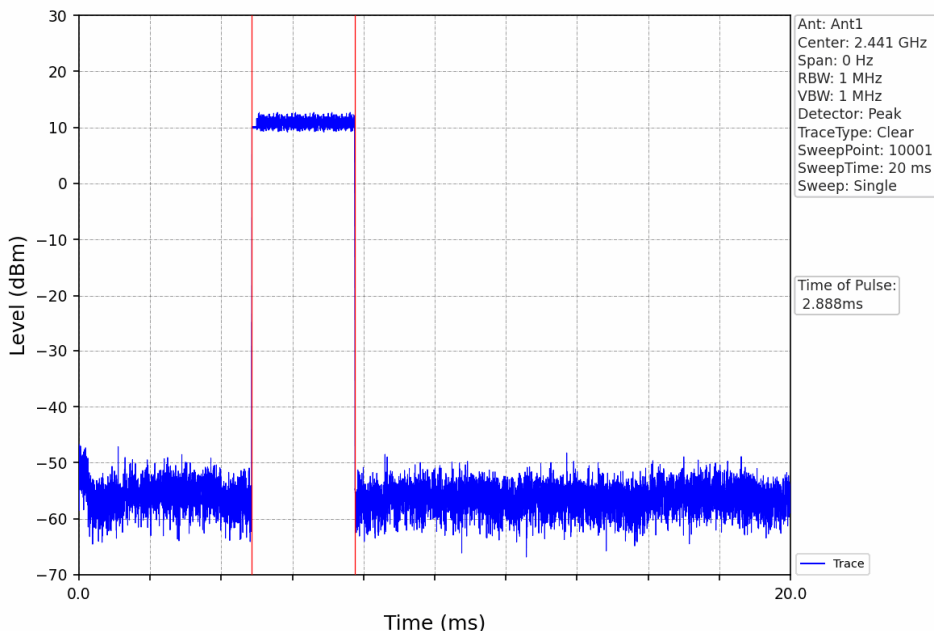


8DPSK_3DH3_HOPP_Ant1_NTNV

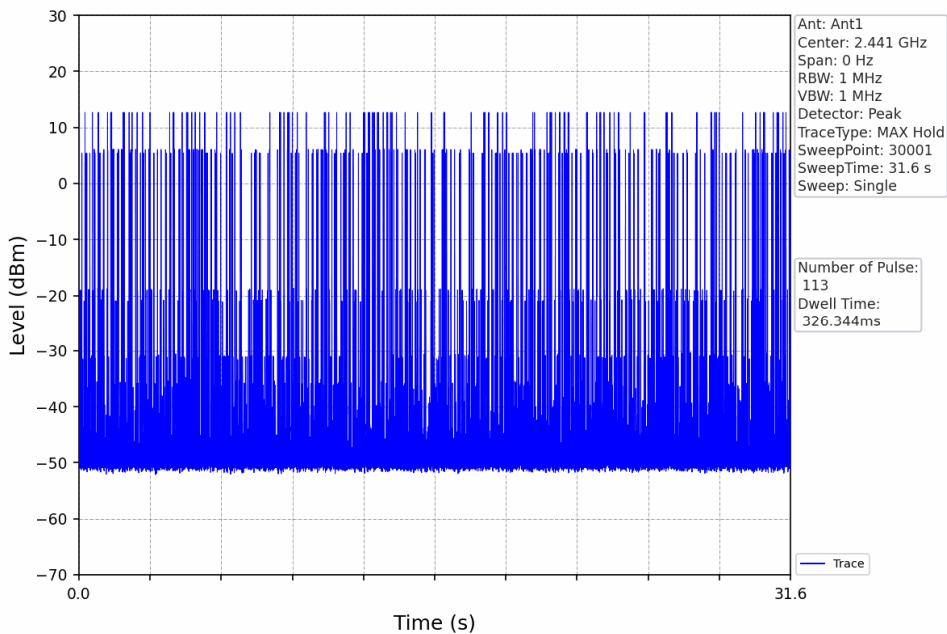


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8DPSK_3DH5_HOPP_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV



6. Unwanted Emissions In Non-restricted Frequency Bands

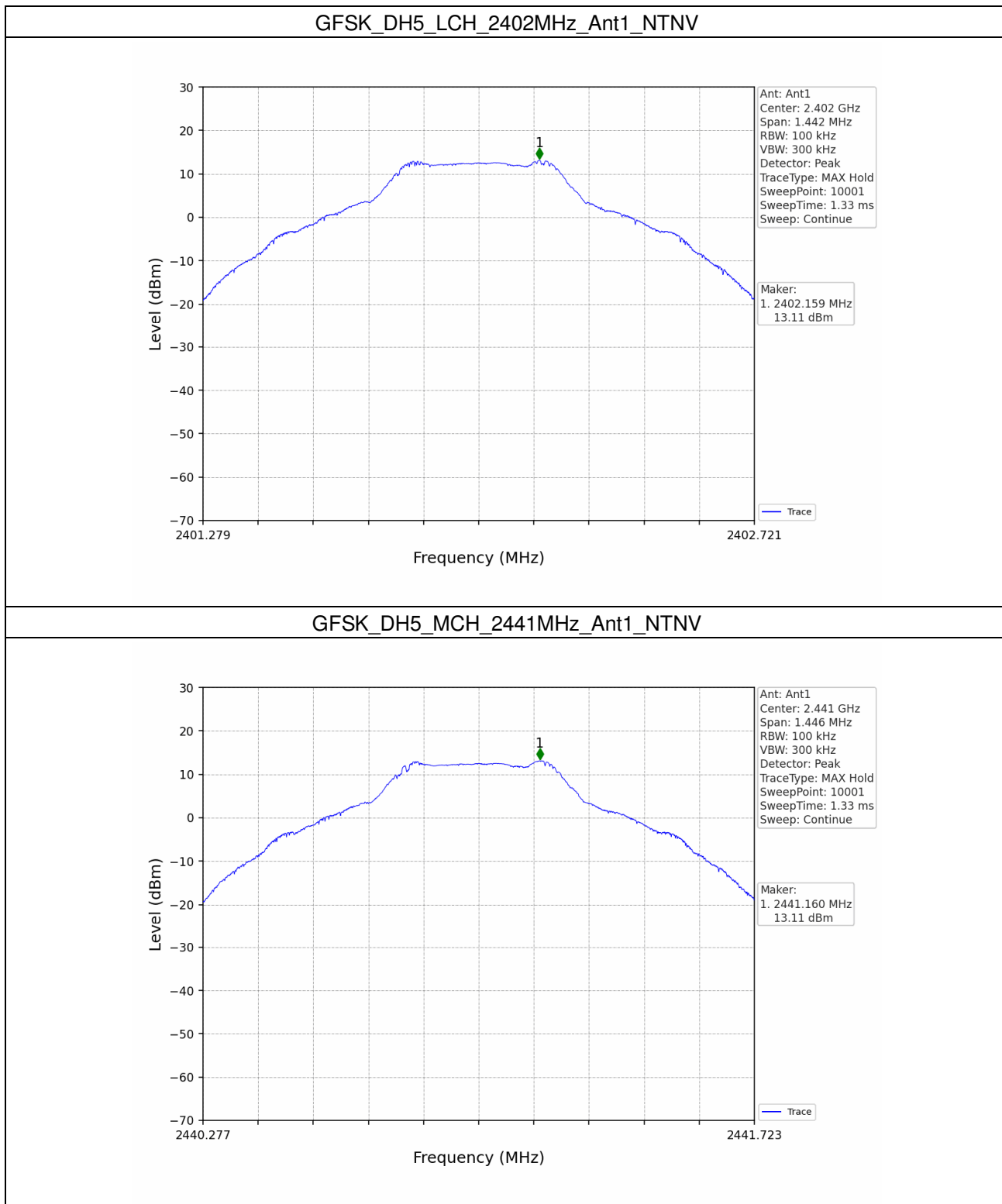
6.1 Ref

6.1.1 Test Result

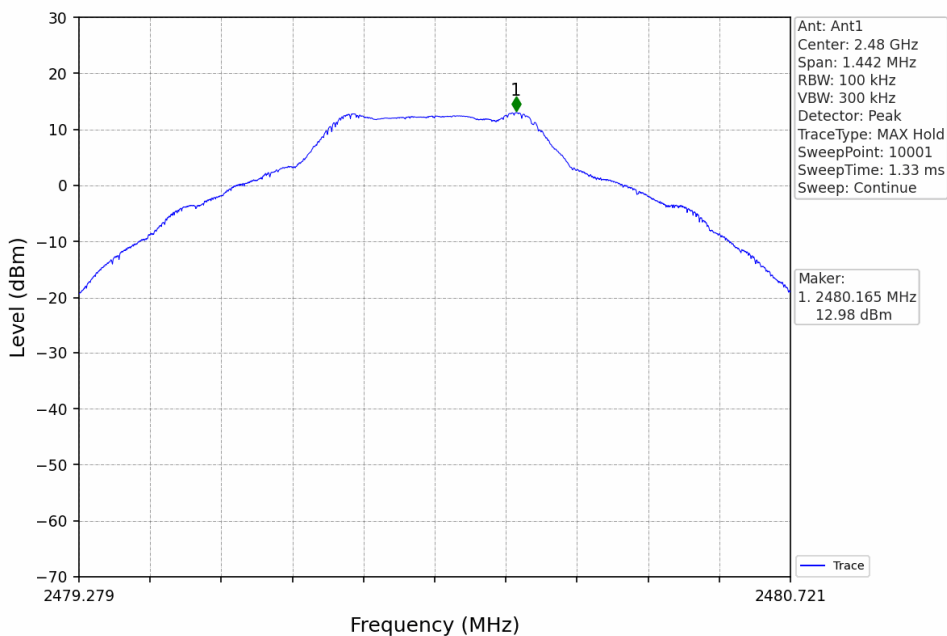
Mode	TX Type	Frequency (MHz)	Packet Type	Ant	Level of Reference (dBm)
GFSK	SISO	2402	DH5	1	13.11
		2441	DH5	1	13.11
		2480	DH5	1	12.98
Pi/4DQPSK	SISO	2402	2DH5	1	10.02
		2441	2DH5	1	9.99
		2480	2DH5	1	9.80
8DPSK	SISO	2402	3DH5	1	10.22
		2441	3DH5	1	10.14
		2480	3DH5	1	9.48

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.

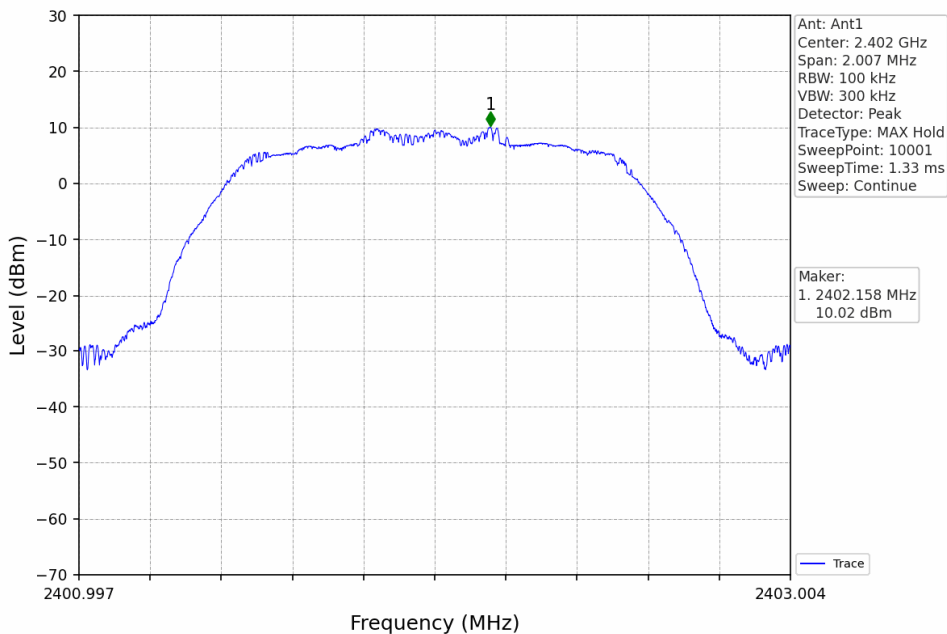
6.1.2 Test Graph



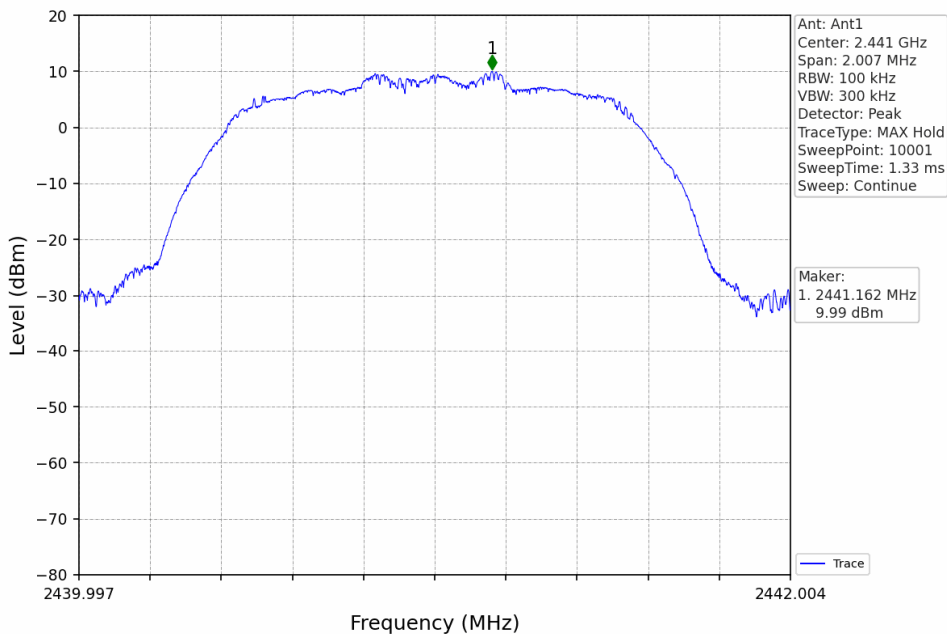
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



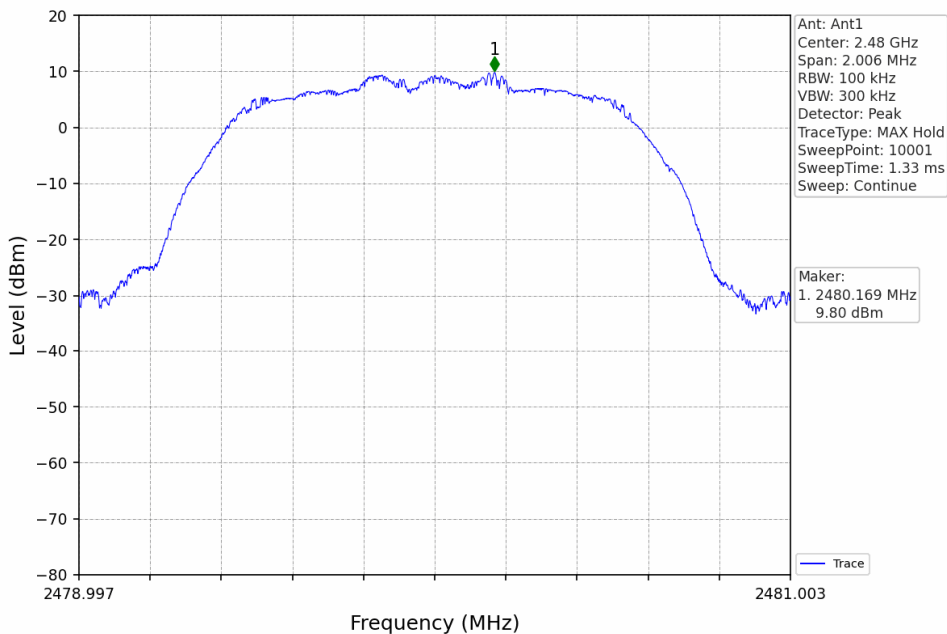
Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV

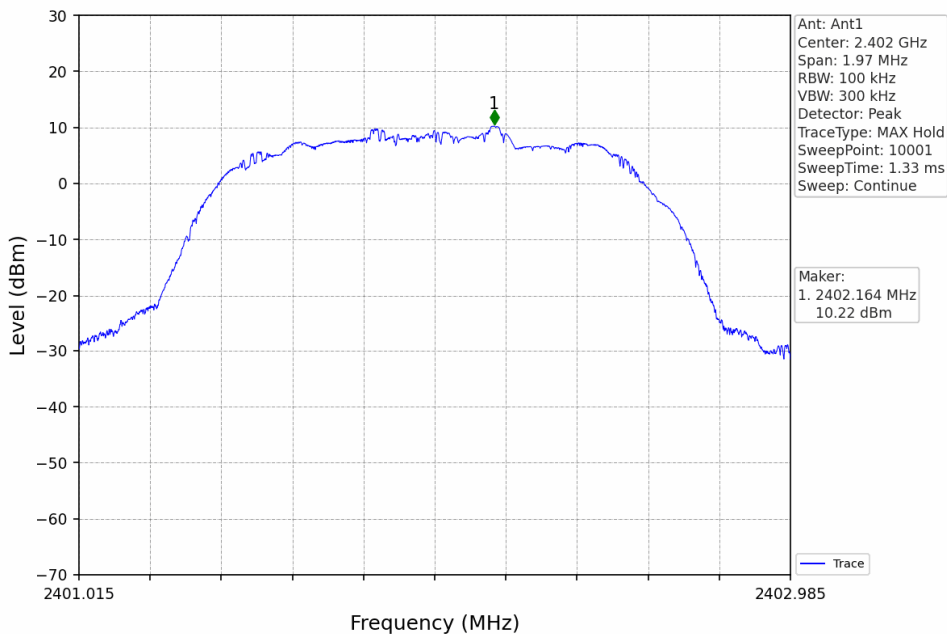


Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV

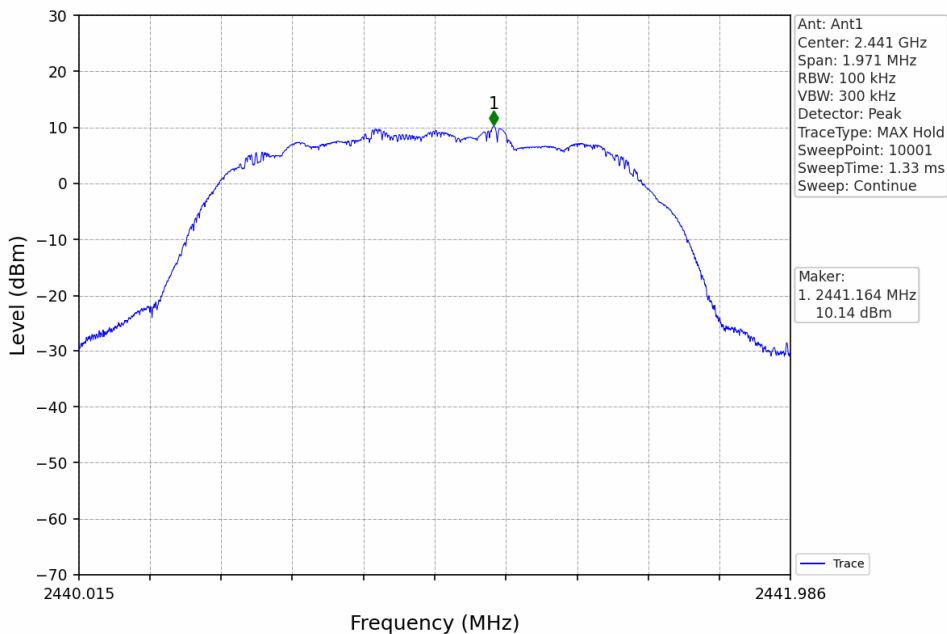


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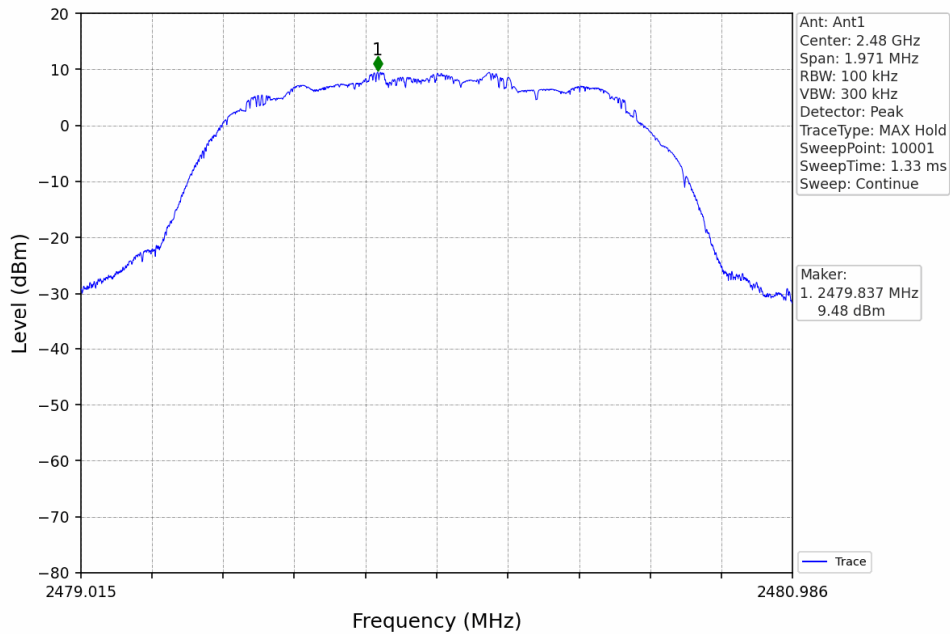
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



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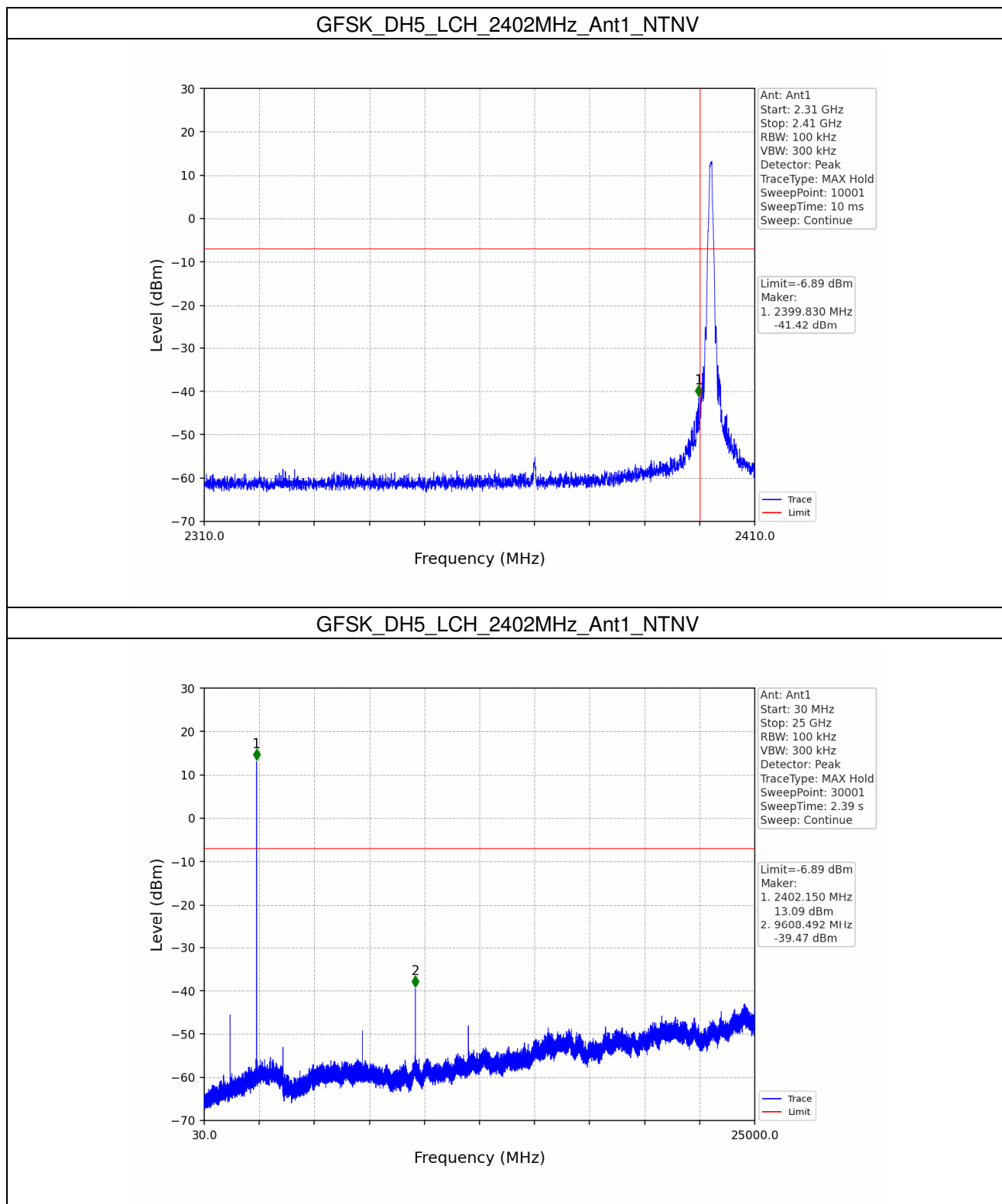
6.2 CSE

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	13.11	-6.89	Pass
		2441	DH5	1	13.11	-6.89	Pass
		2480	DH5	1	13.11	-6.89	Pass
		HOPP	DH5	1	13.11	-6.89	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	10.02	-9.98	Pass
		2441	2DH5	1	10.02	-9.98	Pass
		2480	2DH5	1	10.02	-9.98	Pass
		HOPP	2DH5	1	10.02	-9.98	Pass
8DPSK	SISO	2402	3DH5	1	10.22	-9.78	Pass
		2441	3DH5	1	10.22	-9.78	Pass
		2480	3DH5	1	10.22	-9.78	Pass
		HOPP	3DH5	1	10.22	-9.78	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.

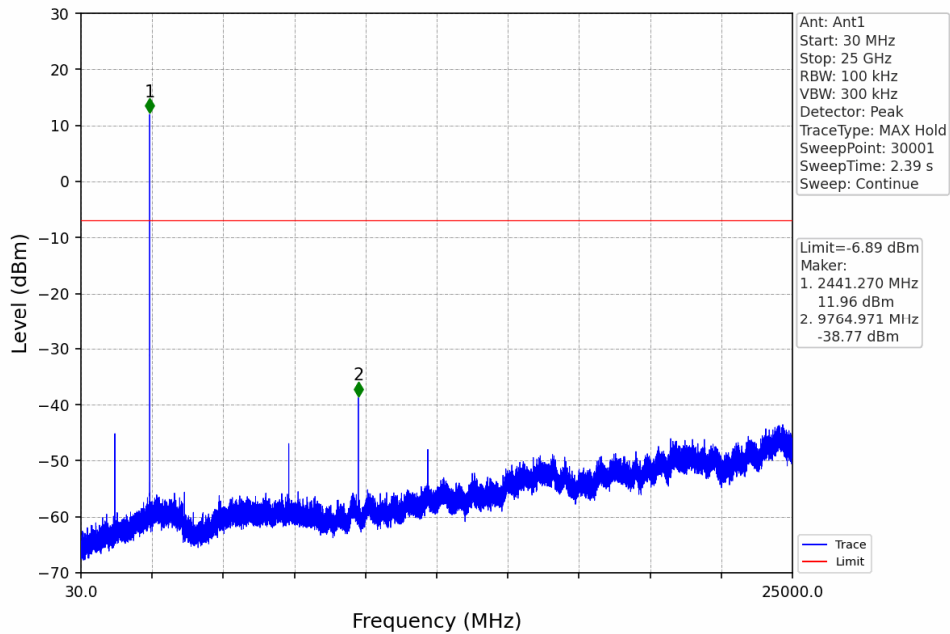
6.2.2 Test Graph



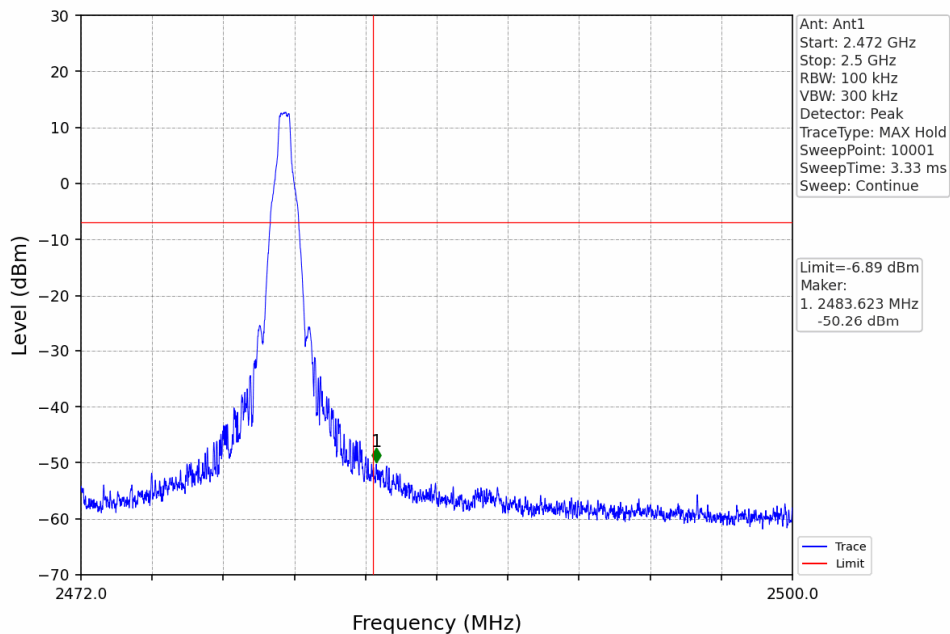
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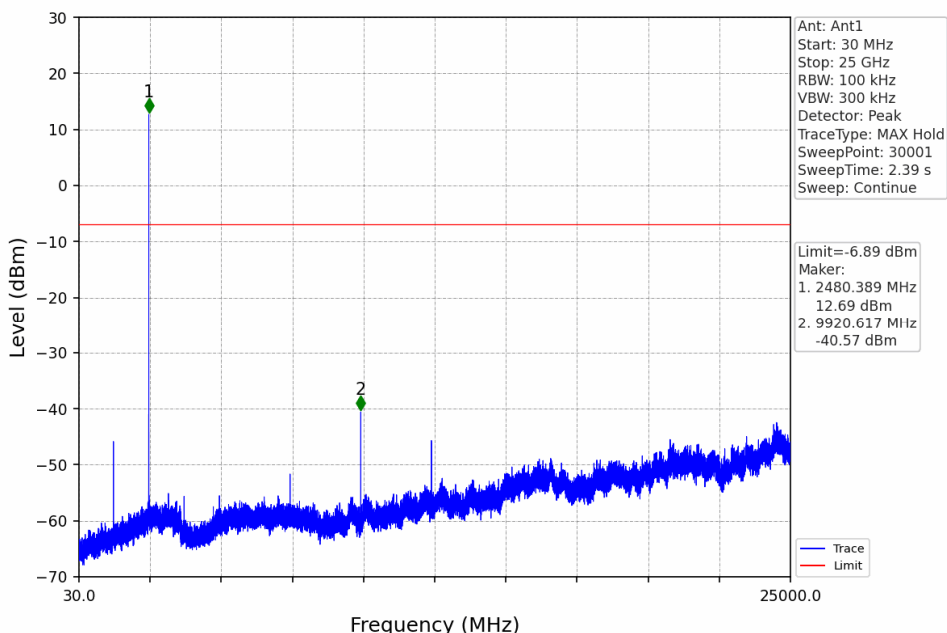
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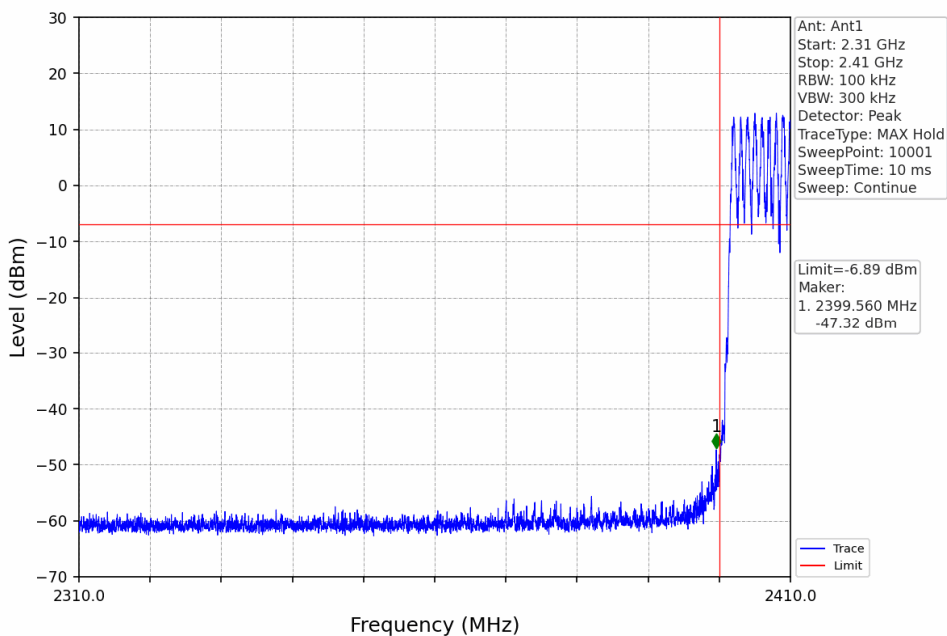
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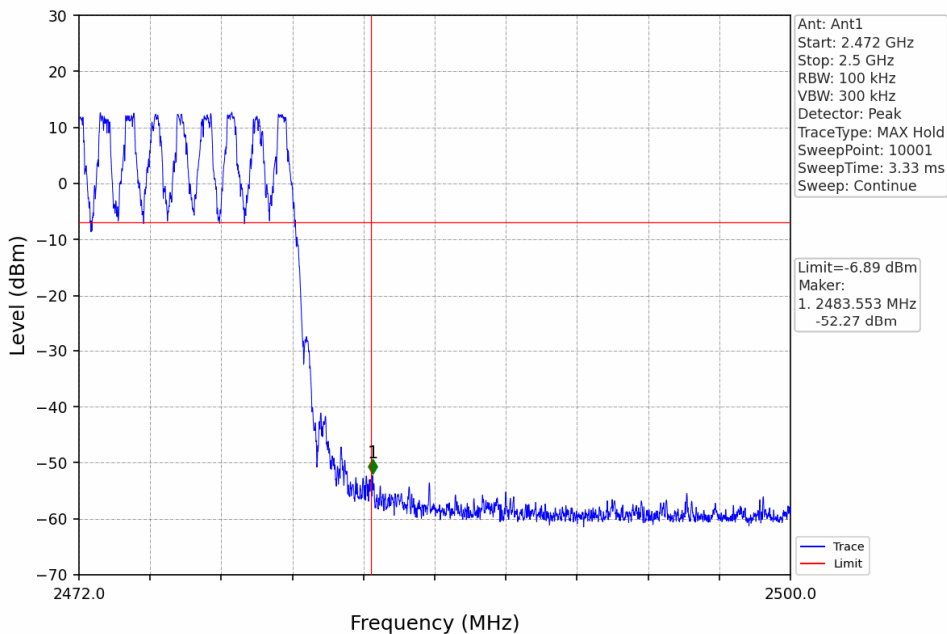
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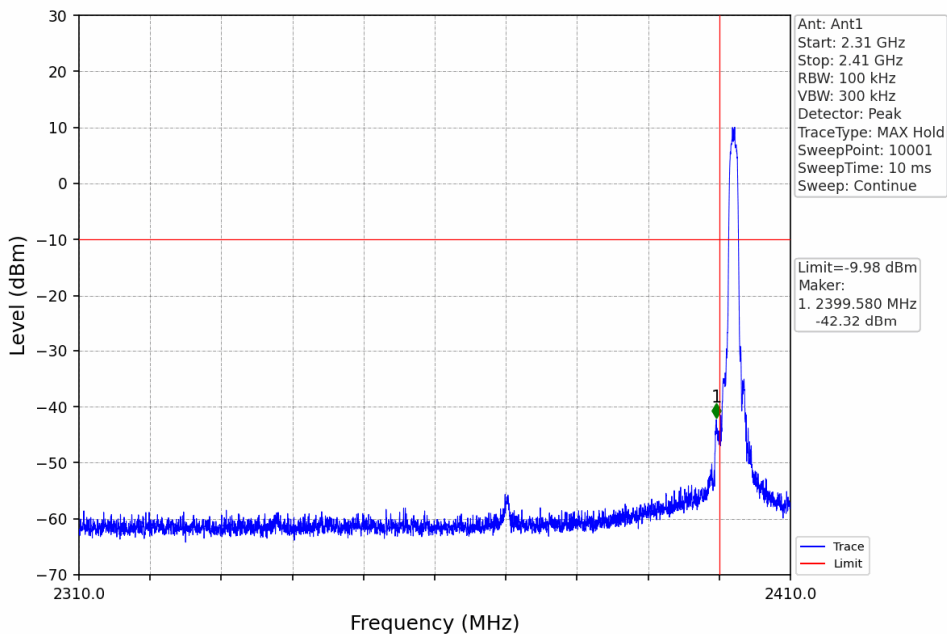
GFSK_DH5_HOPP_Ant1_NTNV



GFSK_DH5_HOPP_Ant1_NTNV



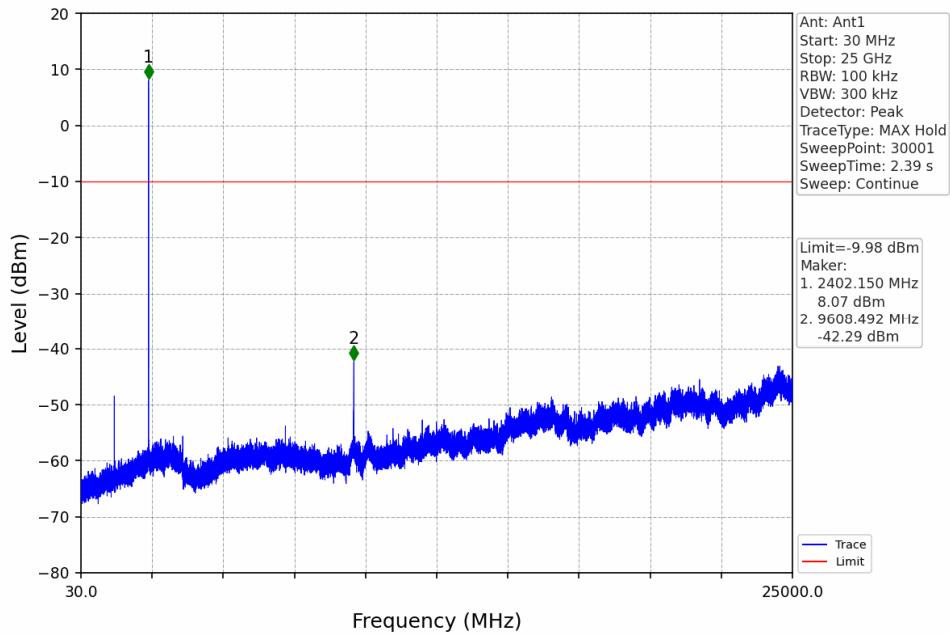
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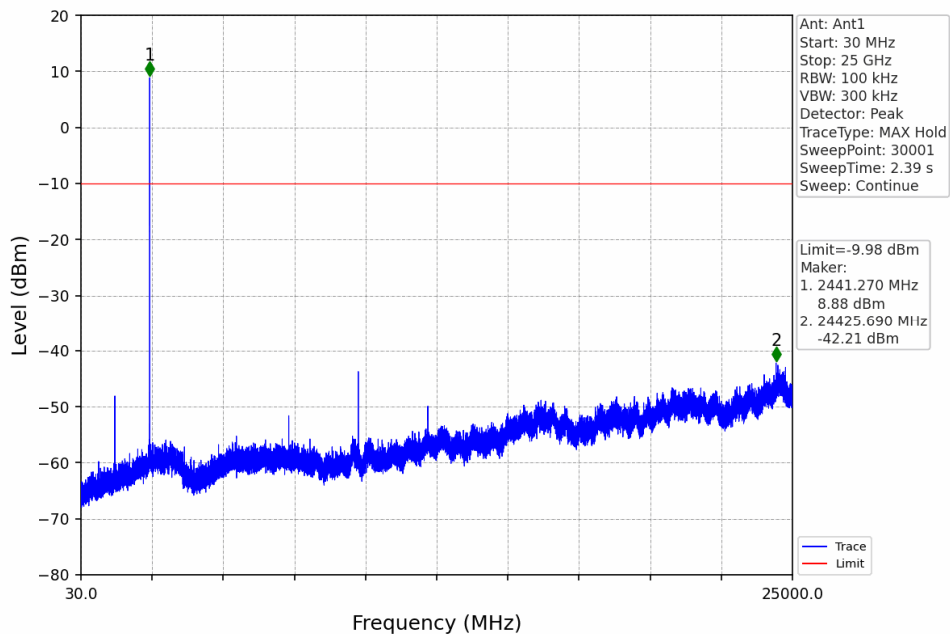
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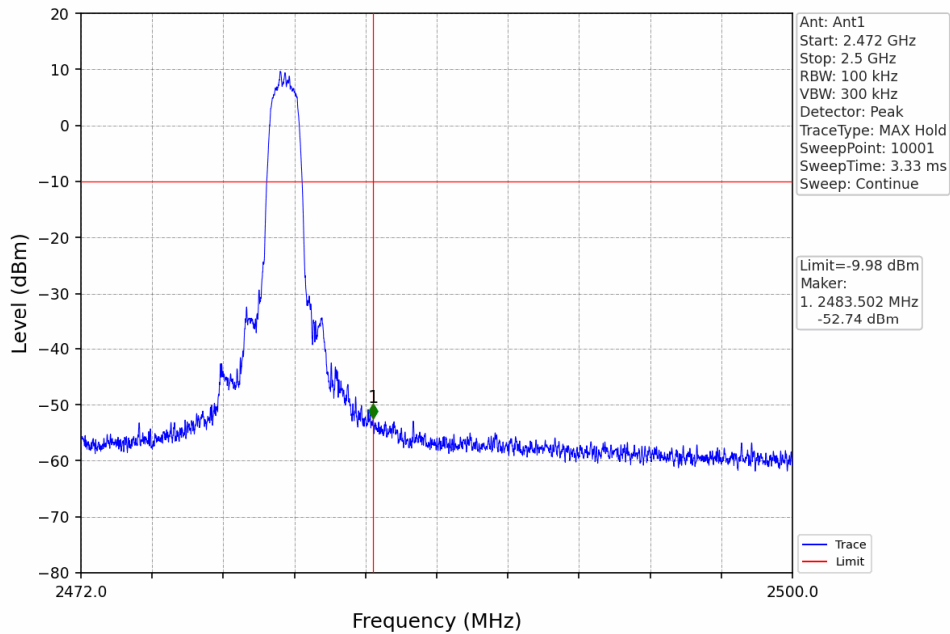
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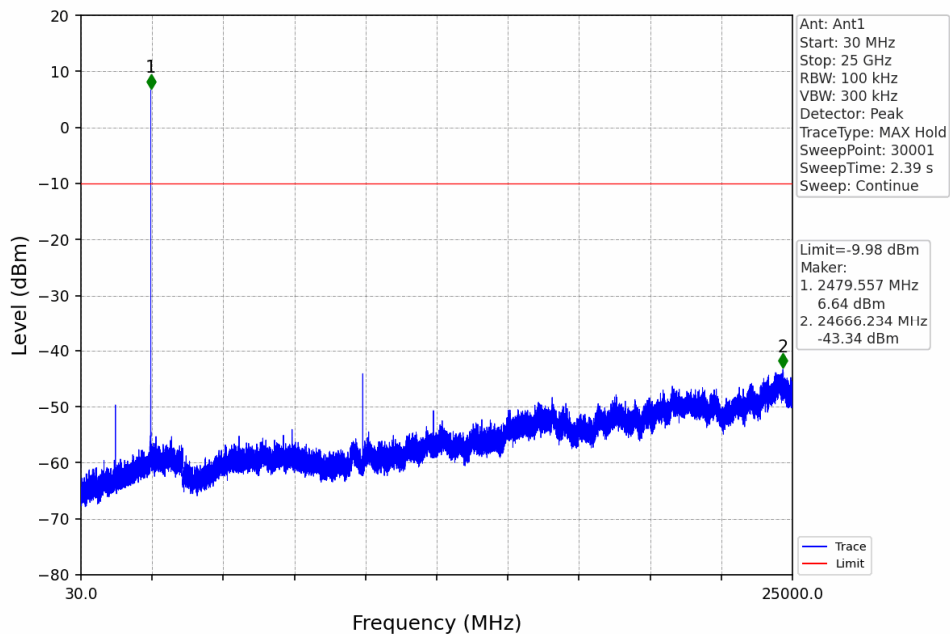
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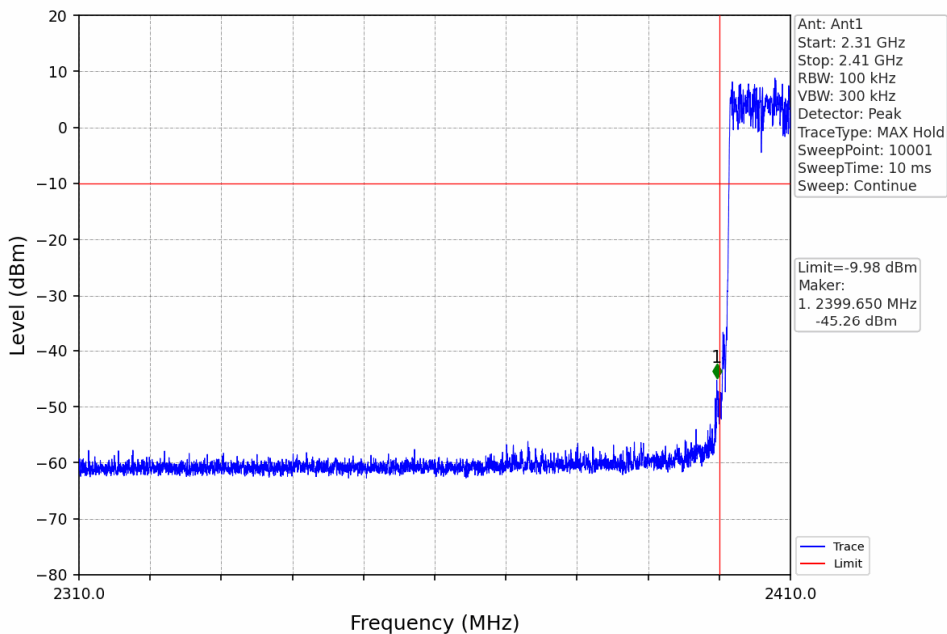
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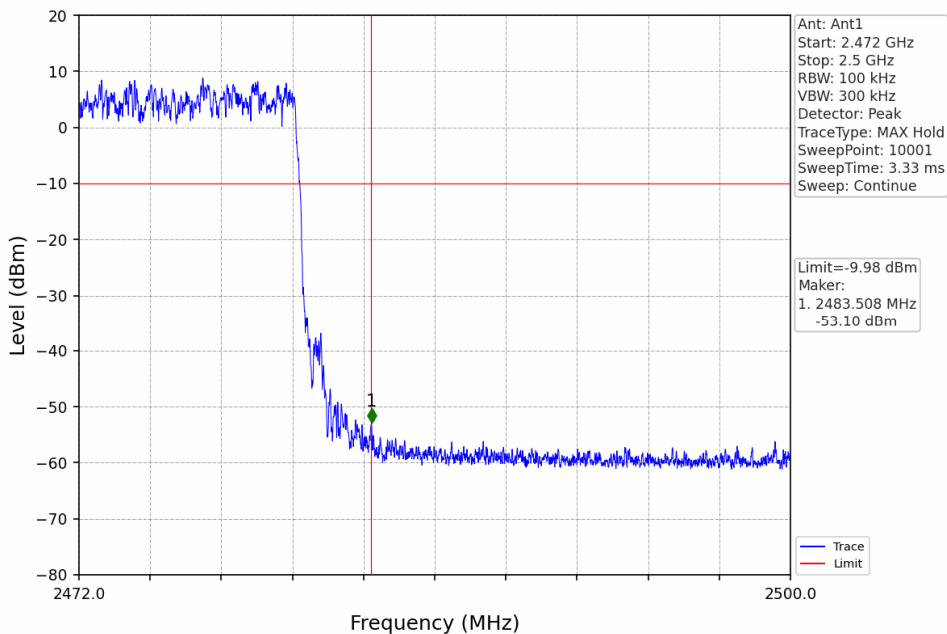
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Pi/4DQPSK_2DH5_HOPP_Ant1_NTNV



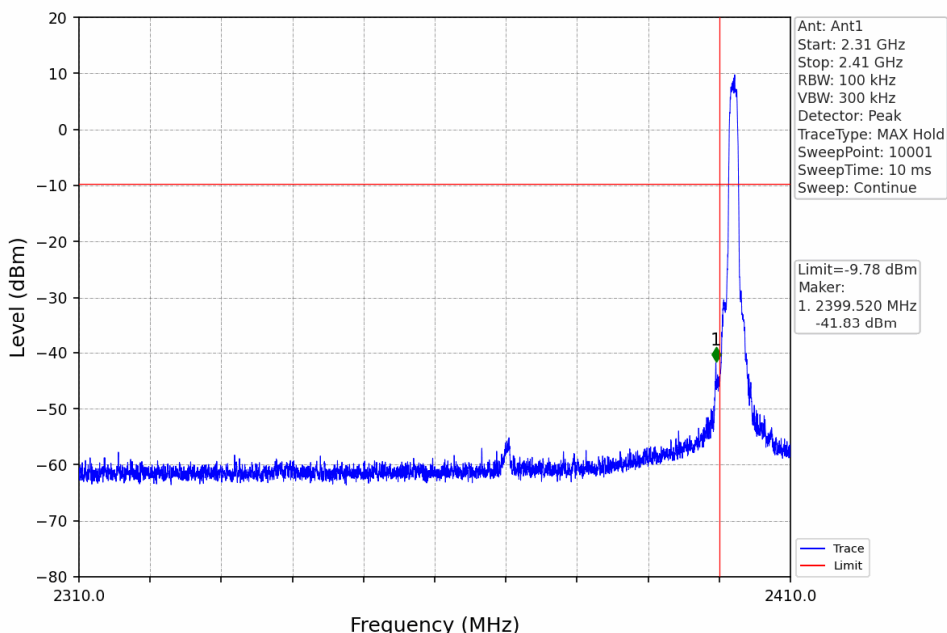
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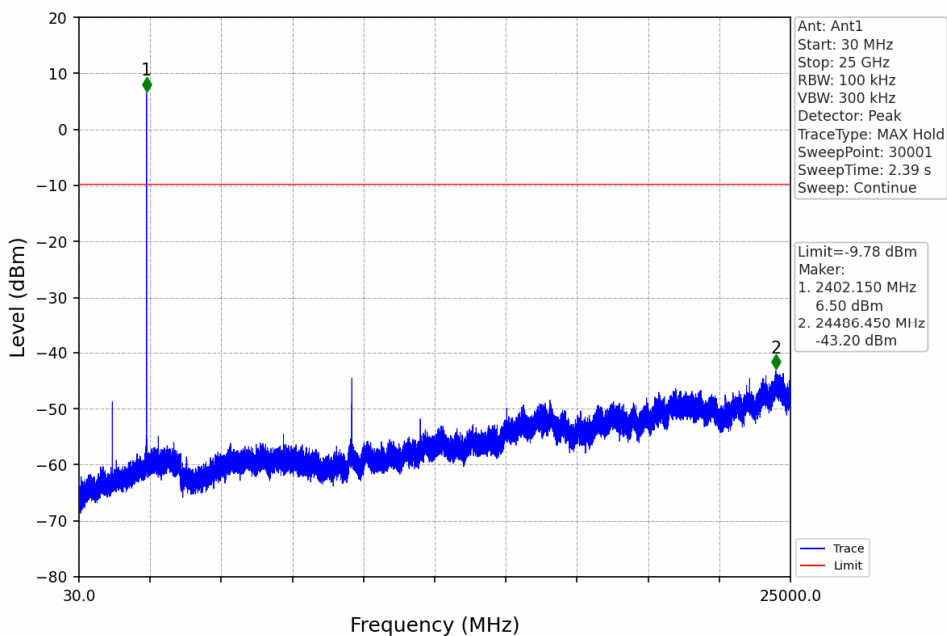
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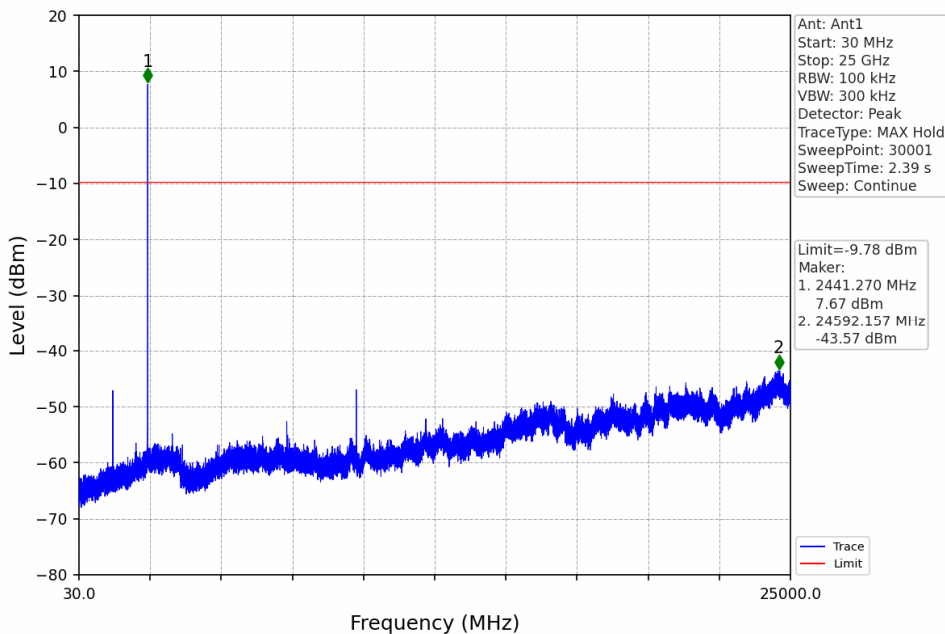
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



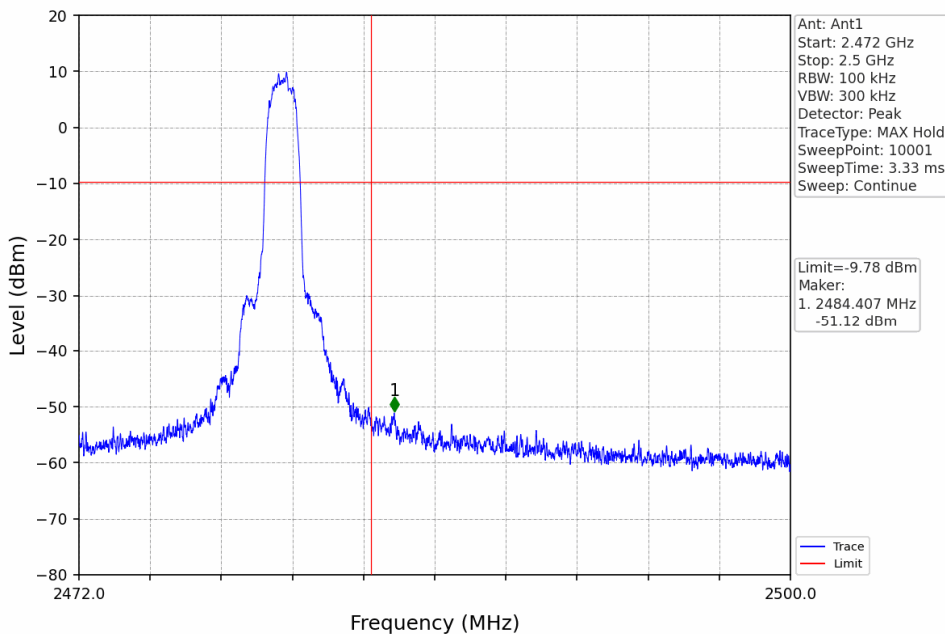
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8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



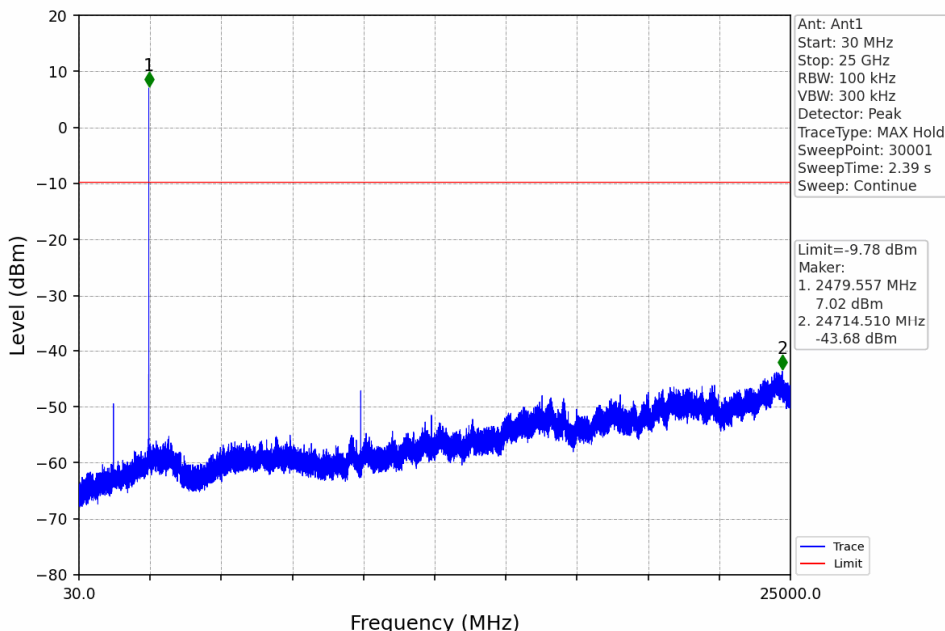
8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



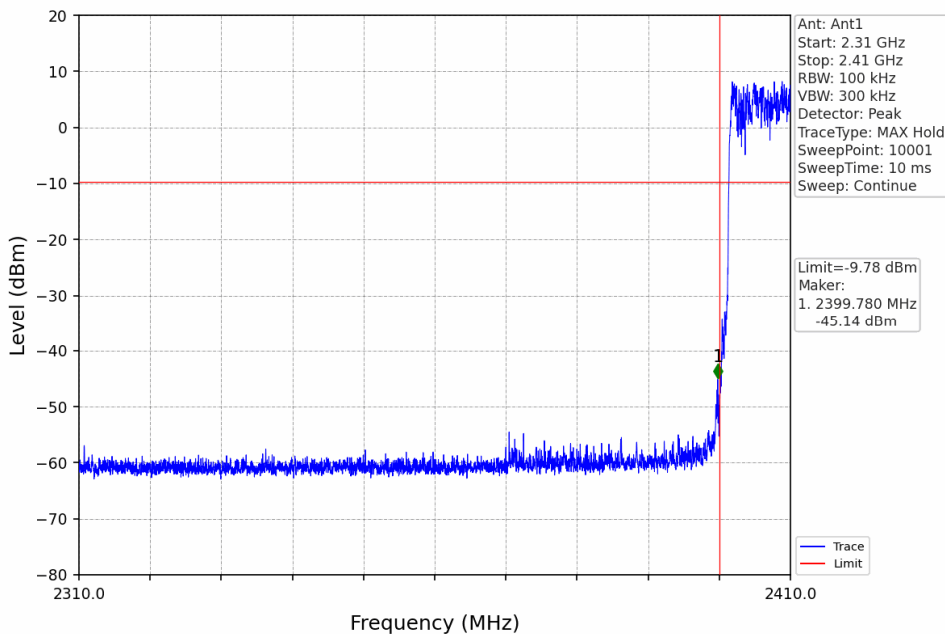
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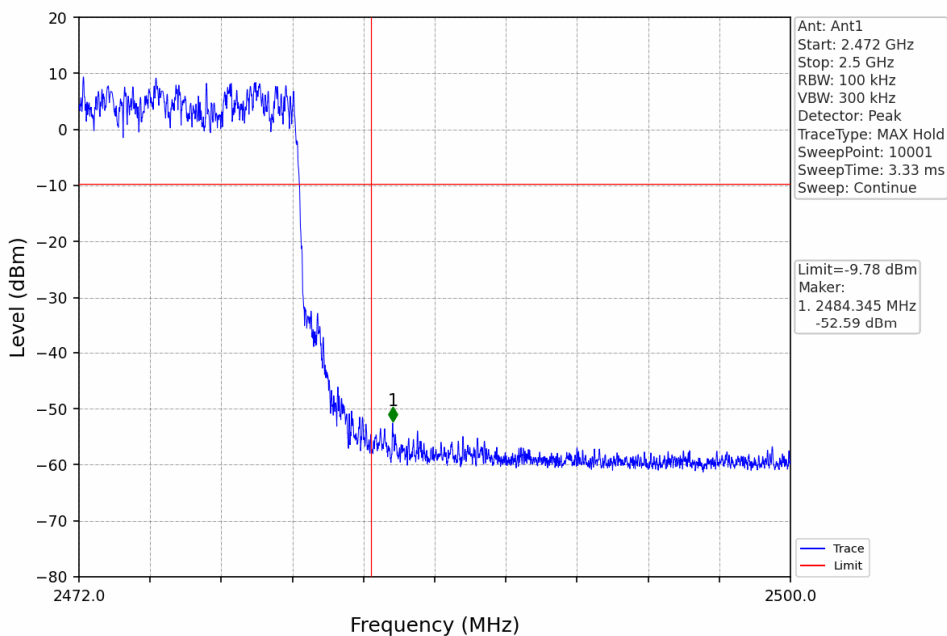
8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV



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For left earbud:

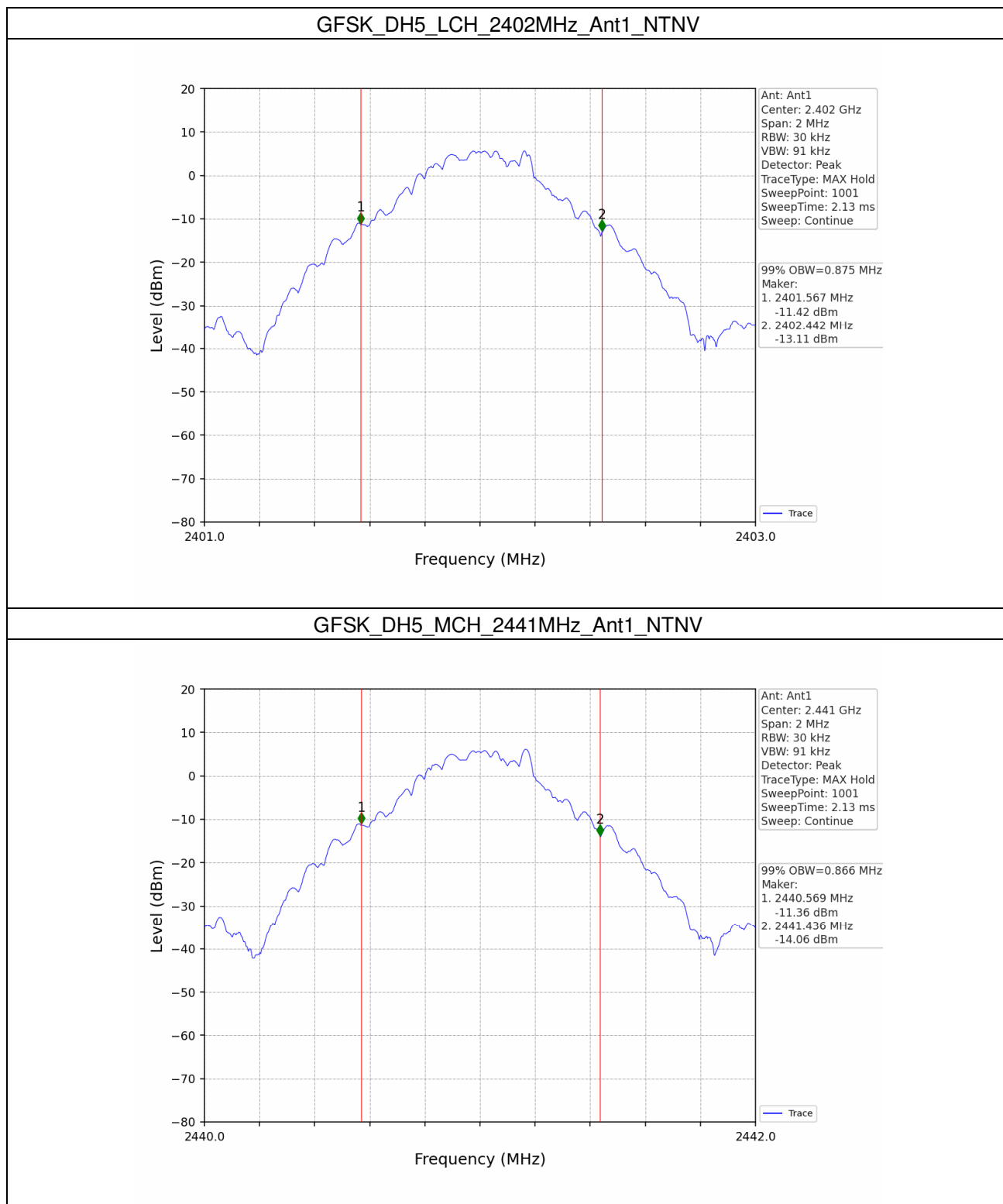
1. Bandwidth

1.1 OBW

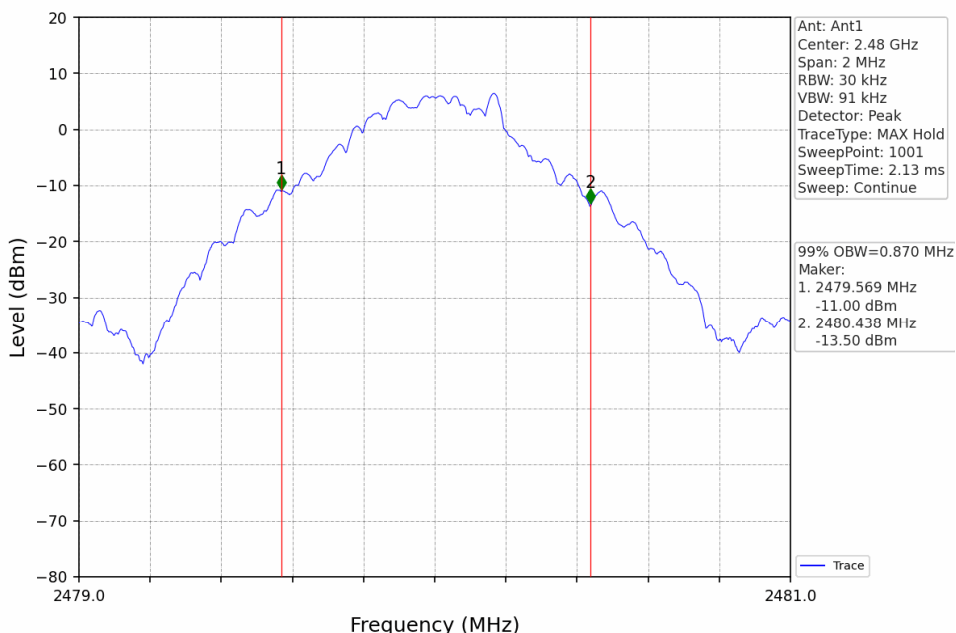
1.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	Ant	99% Occupied Bandwidth (MHz)	Verdict
					Result	
GFSK	SISO	2402	DH5	1	0.875	Pass
		2441	DH5	1	0.866	Pass
		2480	DH5	1	0.870	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.187	Pass
		2441	2DH5	1	1.188	Pass
		2480	2DH5	1	1.191	Pass
8DPSK	SISO	2402	3DH5	1	1.189	Pass
		2441	3DH5	1	1.188	Pass
		2480	3DH5	1	1.188	Pass

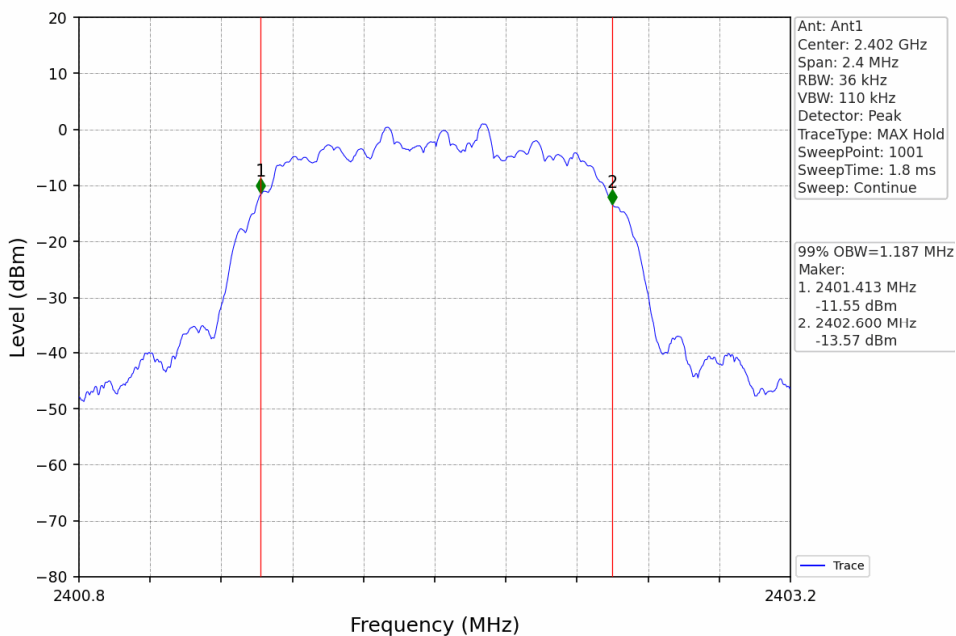
1.1.2 Test Graph



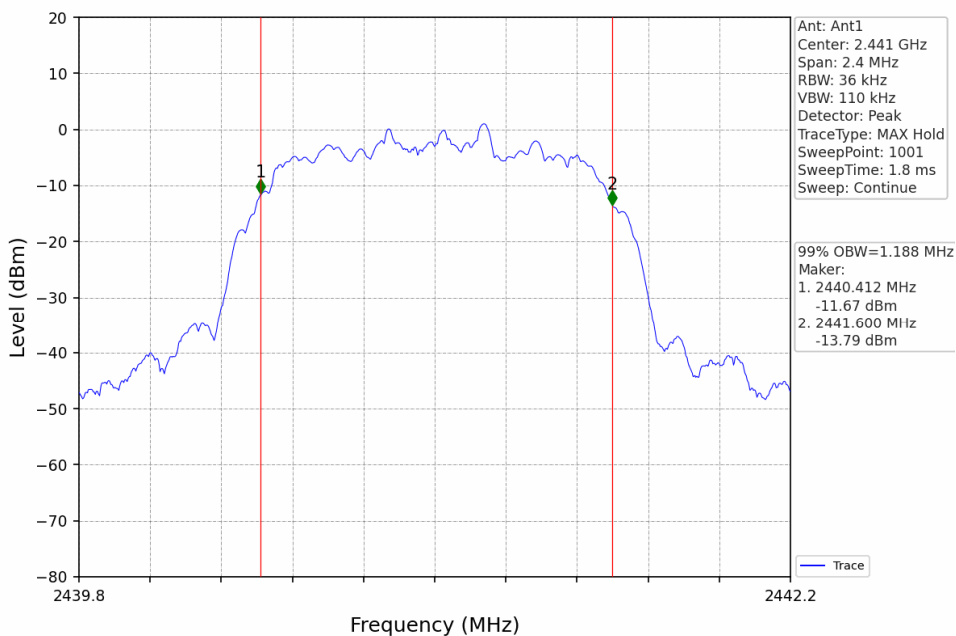
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



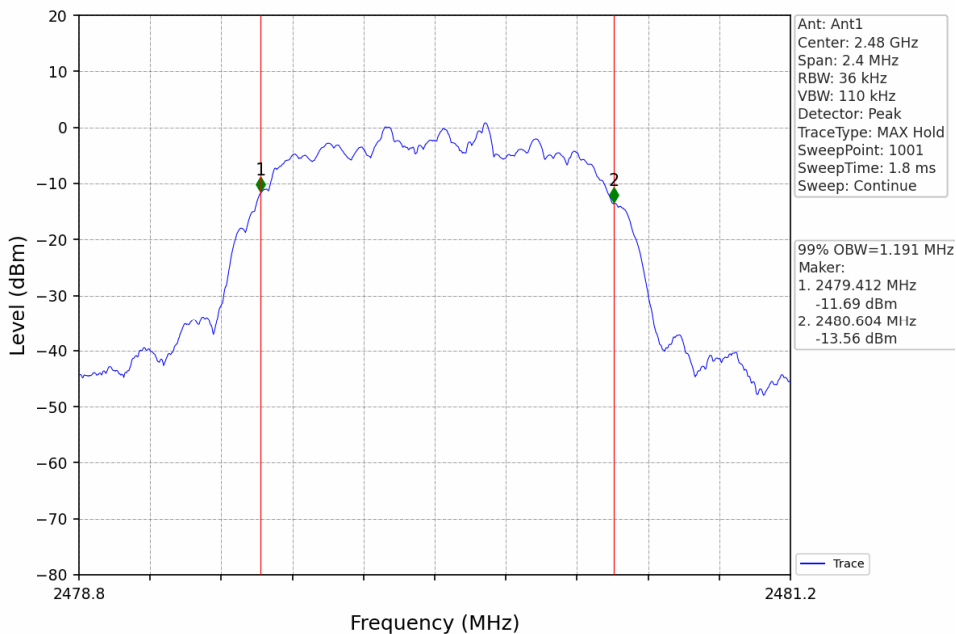
Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



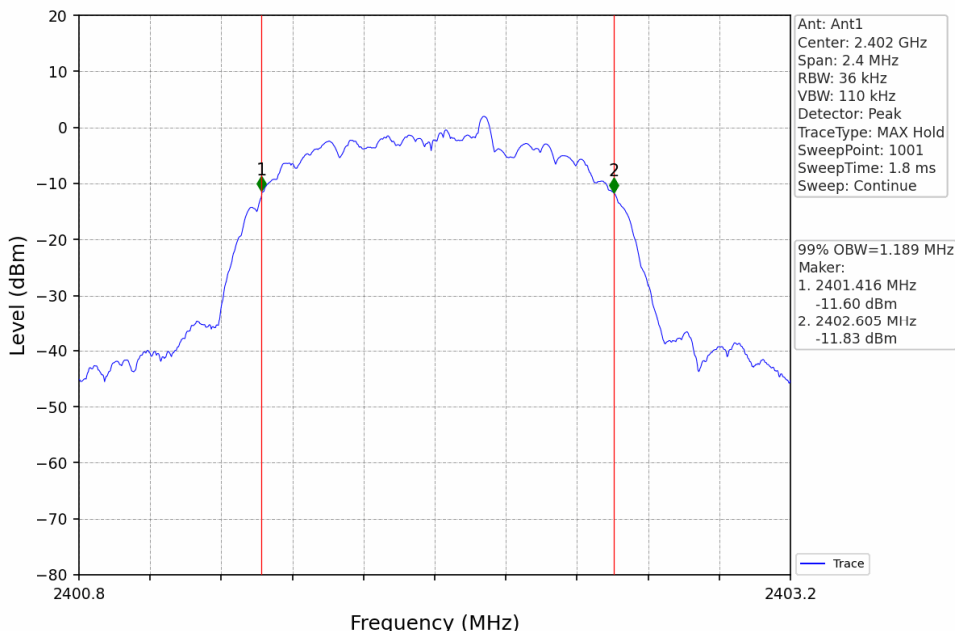
Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



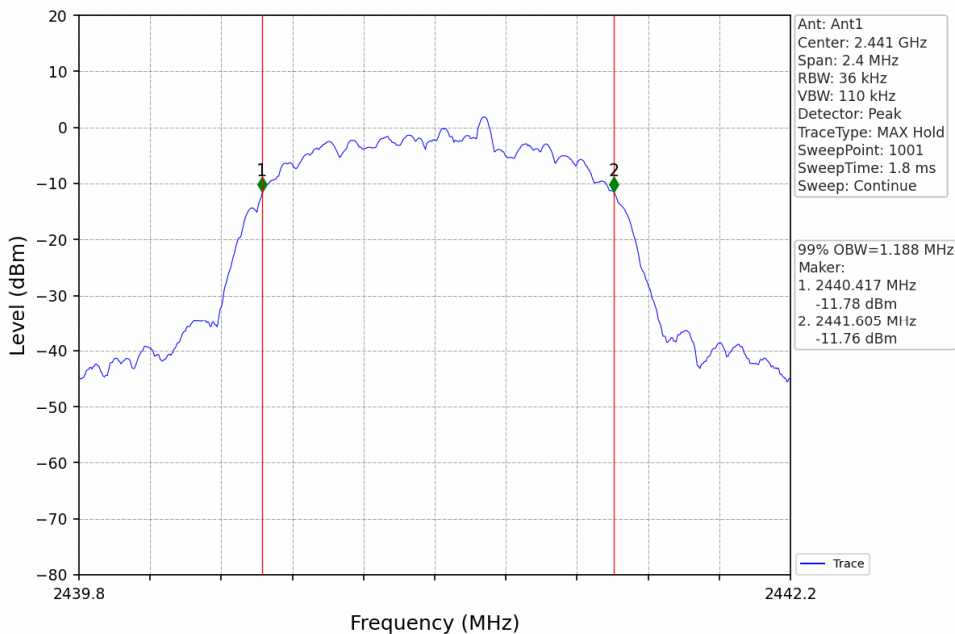
Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV

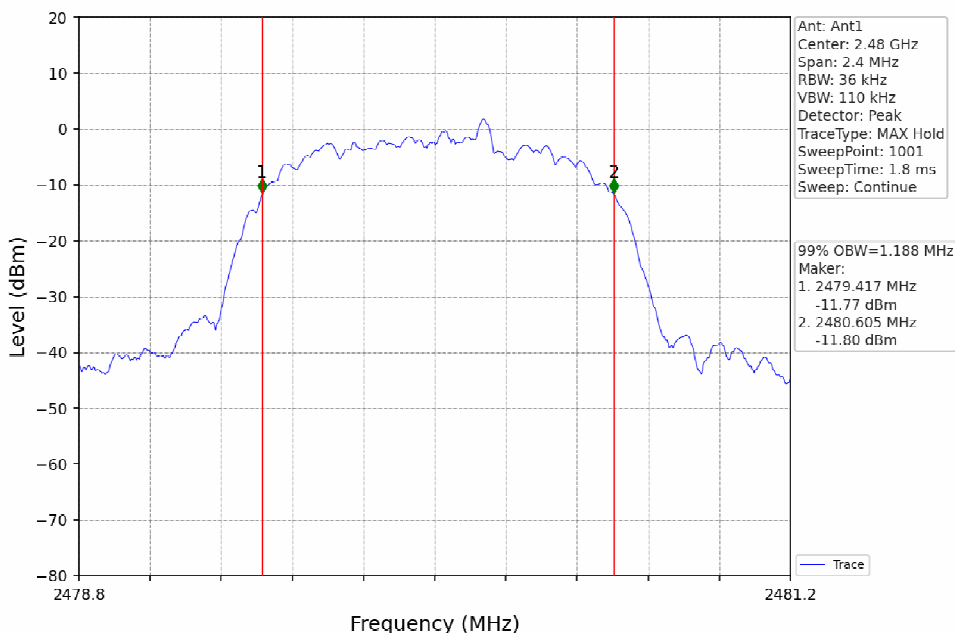


8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



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8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV

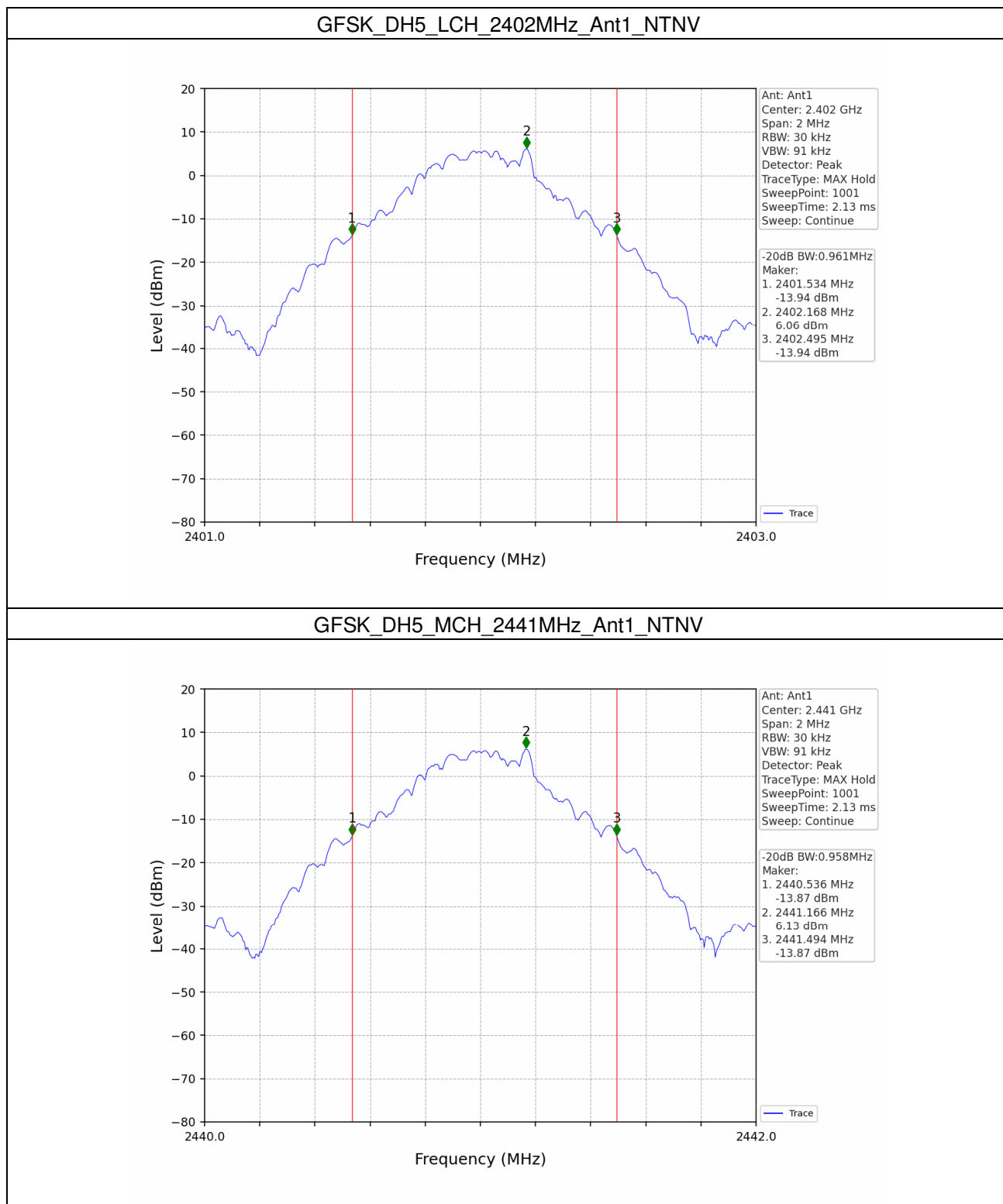


1.2 20dB BW

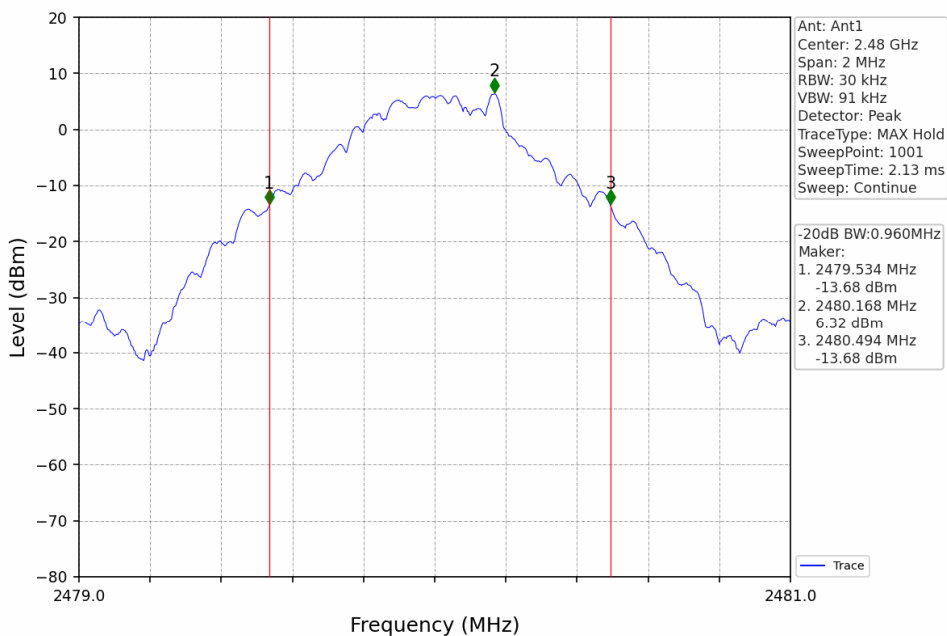
1.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	Ant	20dB Bandwidth (MHz)	Verdict
					Result	
GFSK	SISO	2402	DH5	1	0.961	Pass
		2441	DH5	1	0.958	Pass
		2480	DH5	1	0.960	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.336	Pass
		2441	2DH5	1	1.338	Pass
		2480	2DH5	1	1.337	Pass
8DPSK	SISO	2402	3DH5	1	1.313	Pass
		2441	3DH5	1	1.314	Pass
		2480	3DH5	1	1.315	Pass

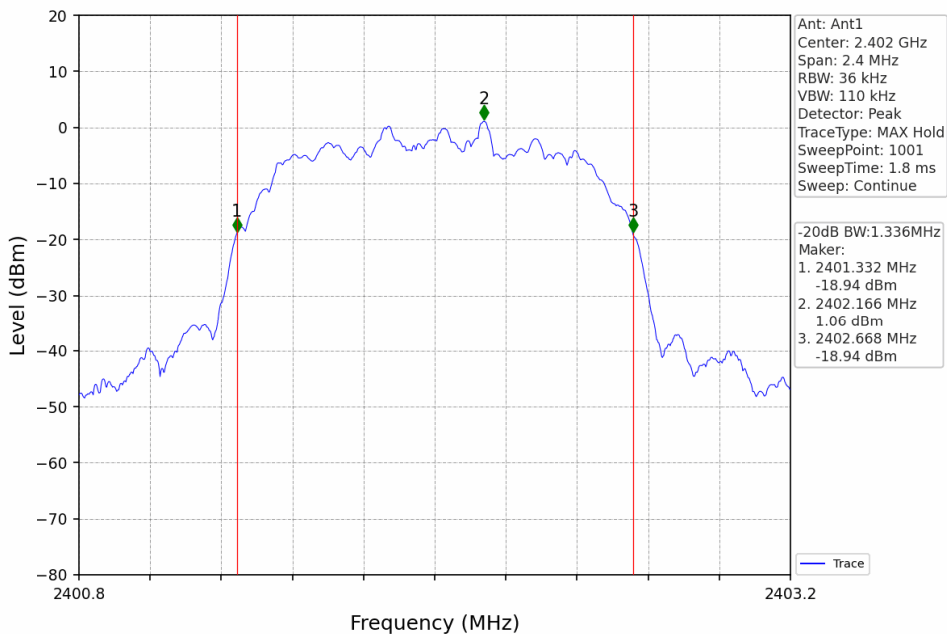
1.2.2 Test Graph



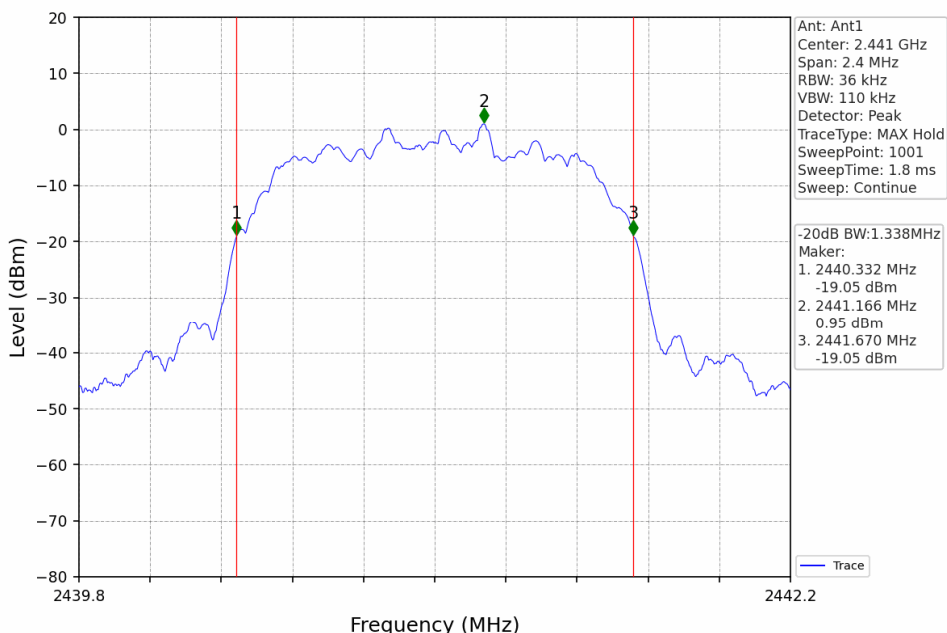
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



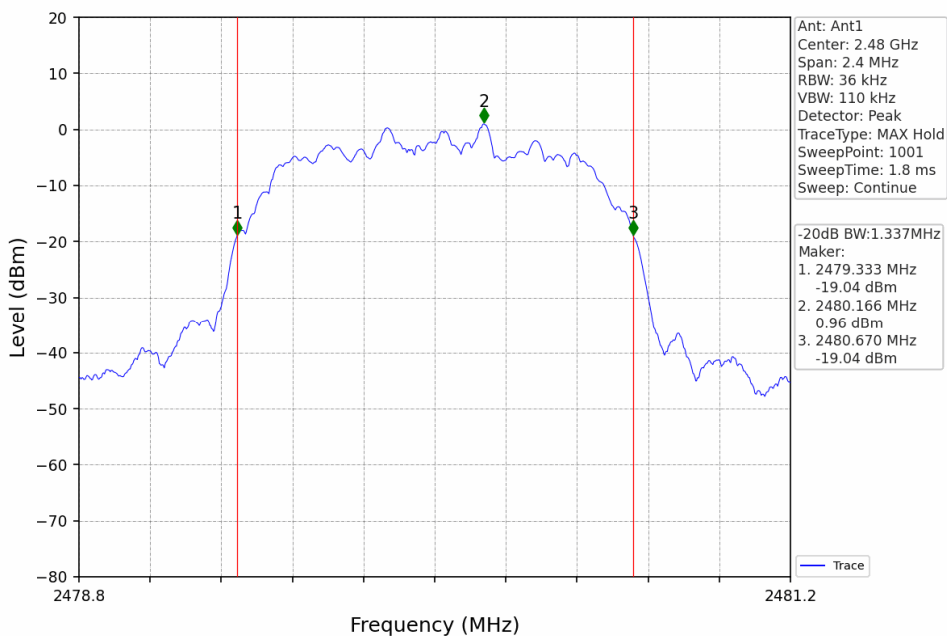
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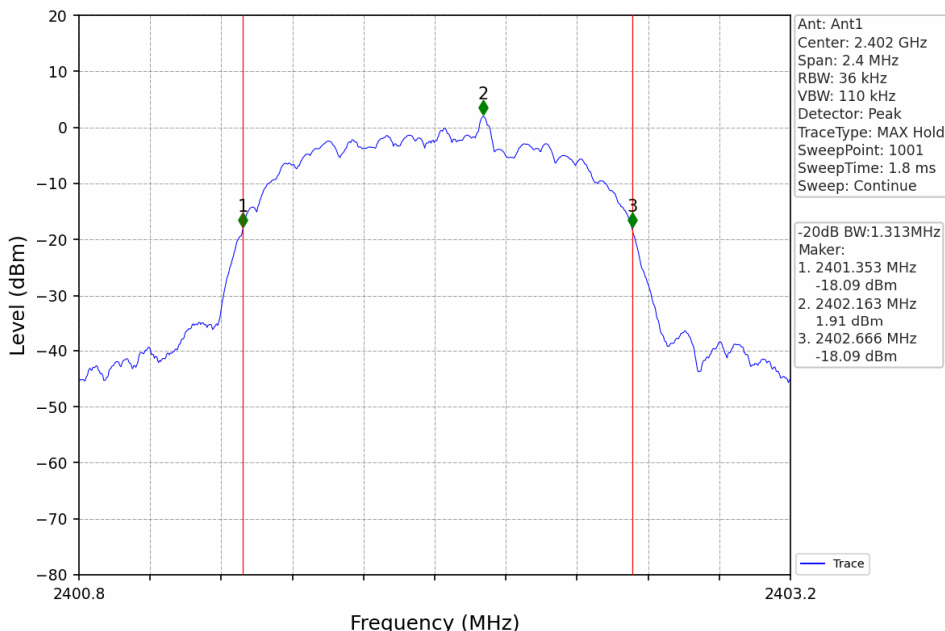
Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



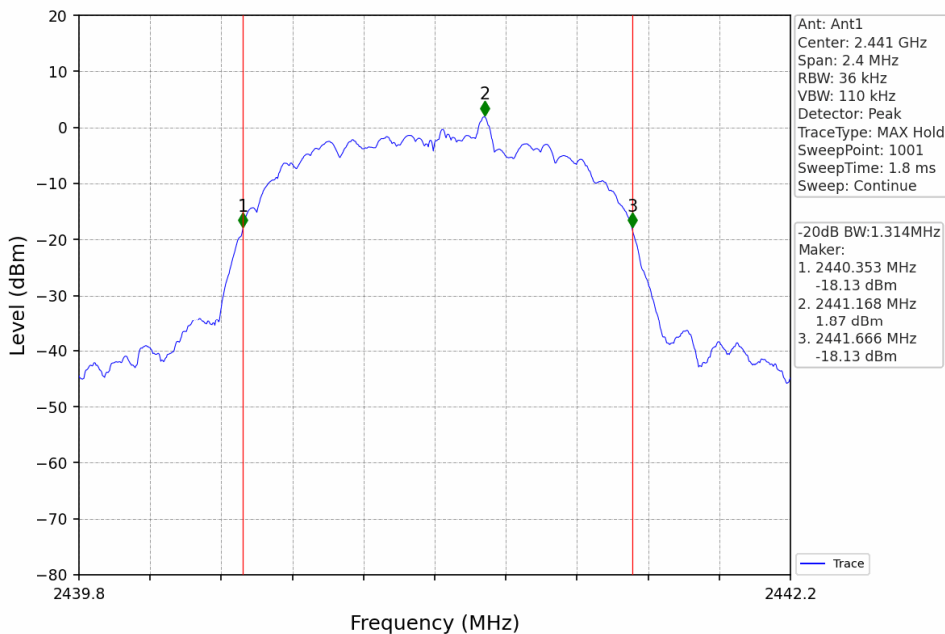
Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



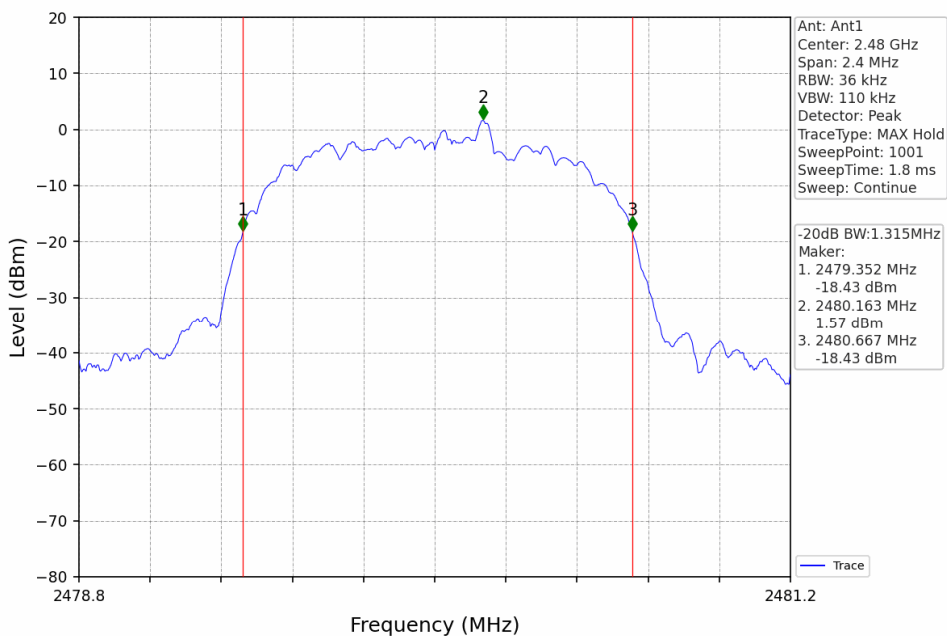
8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



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8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



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	8.25	<=30	Pass
		2441	DH5	8.35	<=30	Pass
		2480	DH5	8.61	<=30	Pass
Pi/4DQPSK	SISO	2402	2DH5	6.16	<=20.97	Pass
		2441	2DH5	6.14	<=20.97	Pass
		2480	2DH5	6.20	<=20.97	Pass
8DPSK	SISO	2402	3DH5	6.72	<=20.97	Pass
		2441	3DH5	6.74	<=20.97	Pass
		2480	3DH5	6.81	<=20.97	Pass

Note1: Antenna Gain: Ant1: -2.60dBi;

3. Carrier Frequency Separation

3.1 Ant1

3.1.1 Test Result

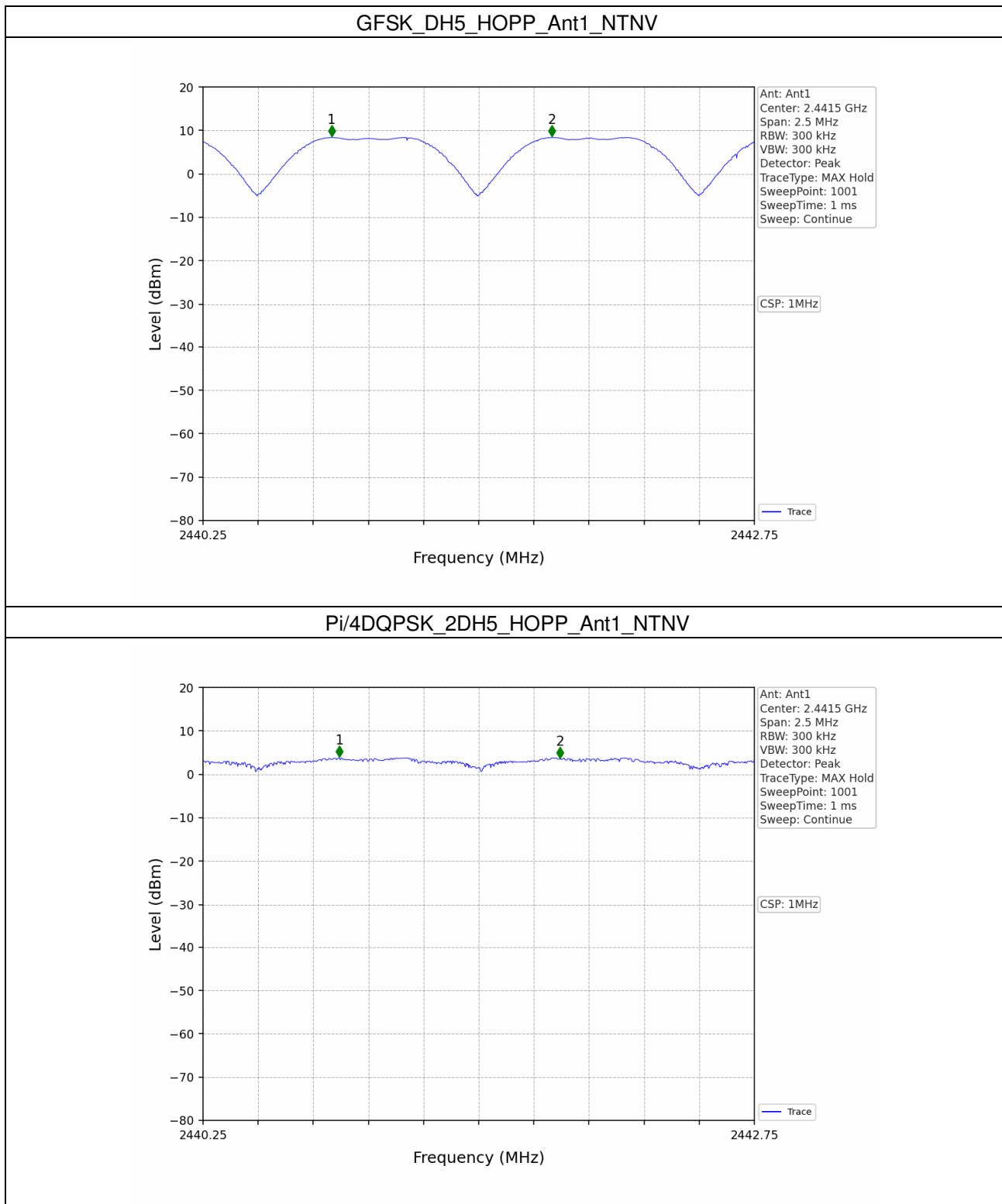
Ant1							
Mode	TX Type	Frequency (MHz)	Packet Type	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
GFSK	SISO	HOPP	DH5	1.000	0.961	≥ 0.961	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	1.000	1.338	≥ 0.892	Pass
8DPSK	SISO	HOPP	3DH5	1.000	1.315	≥ 0.877	Pass



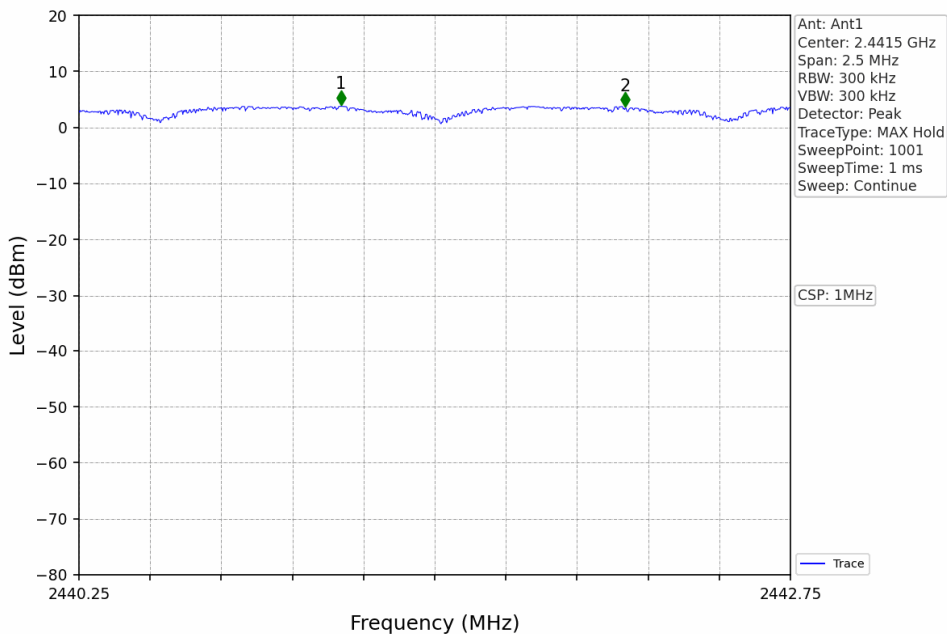
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3.1.2 Test Graph



8DPSK_3DH5_HOPP_Ant1_NTNV



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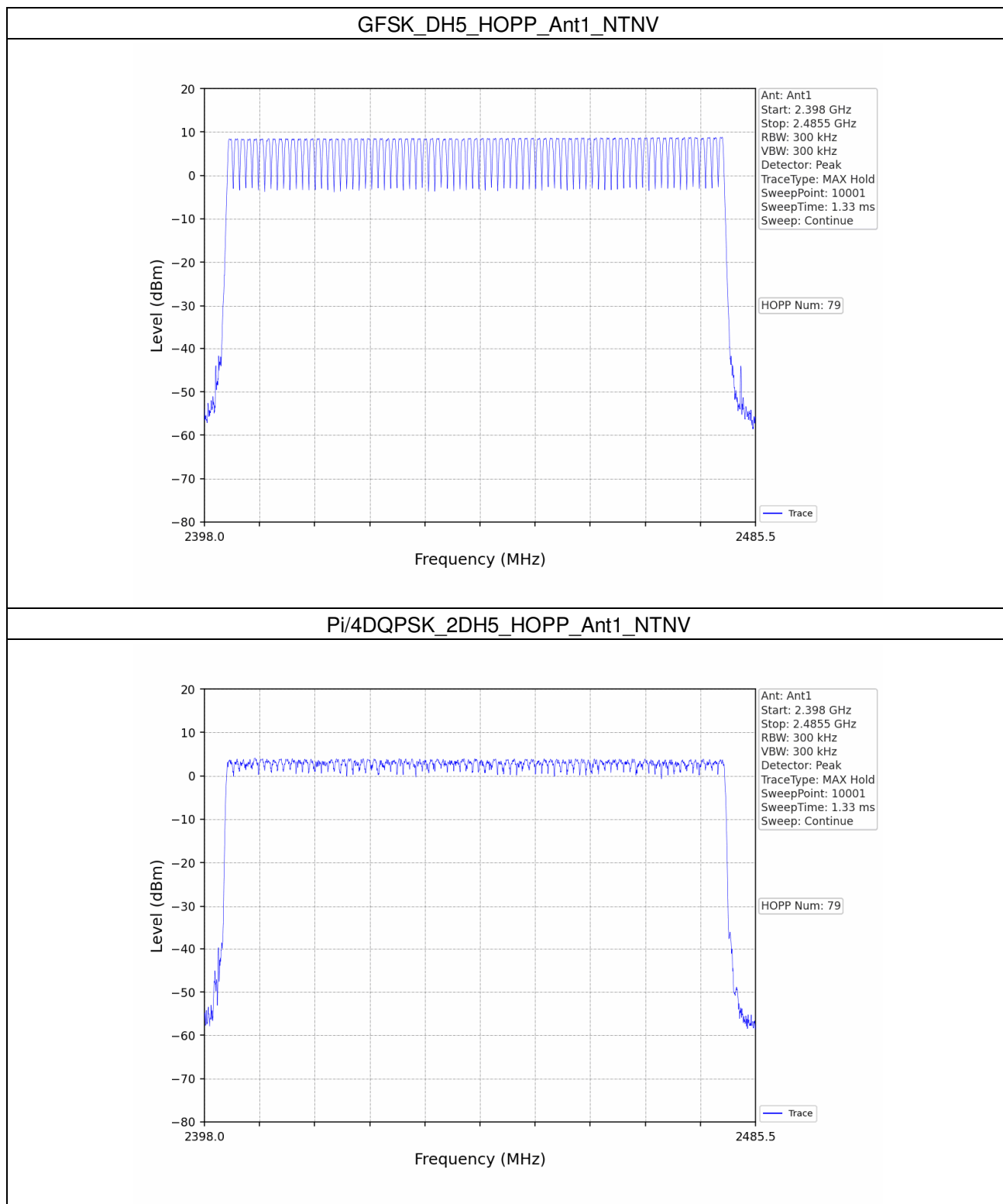
4. Number of Hopping Frequencies

4.1 HoppNum

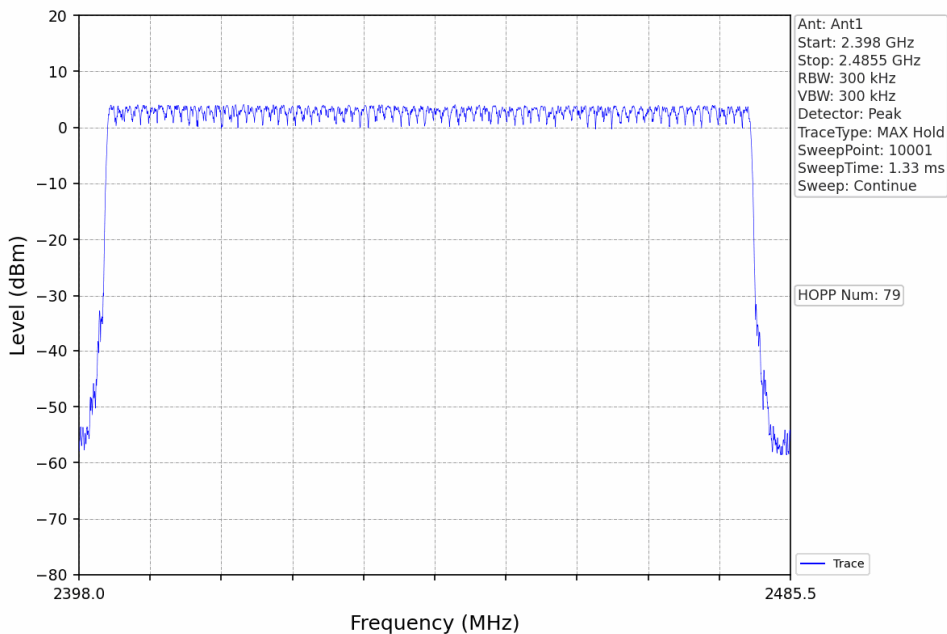
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	Num of Hopping Frequencies		Verdict
				Ant1	Limit	
GFSK	SISO	HOPP	DH5	79	≥ 15	Pass
PSK	SISO	HOPP	2DH5	79	≥ 15	Pass
8DPSK	SISO	HOPP	3DH5	79	≥ 15	Pass

4.1.2 Test Graph



8DPSK_3DH5_HOPP_Ant1_NTNV



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5. Time of Occupancy (Dwell Time)

5.1 Ant1

5.1.1 Test Result

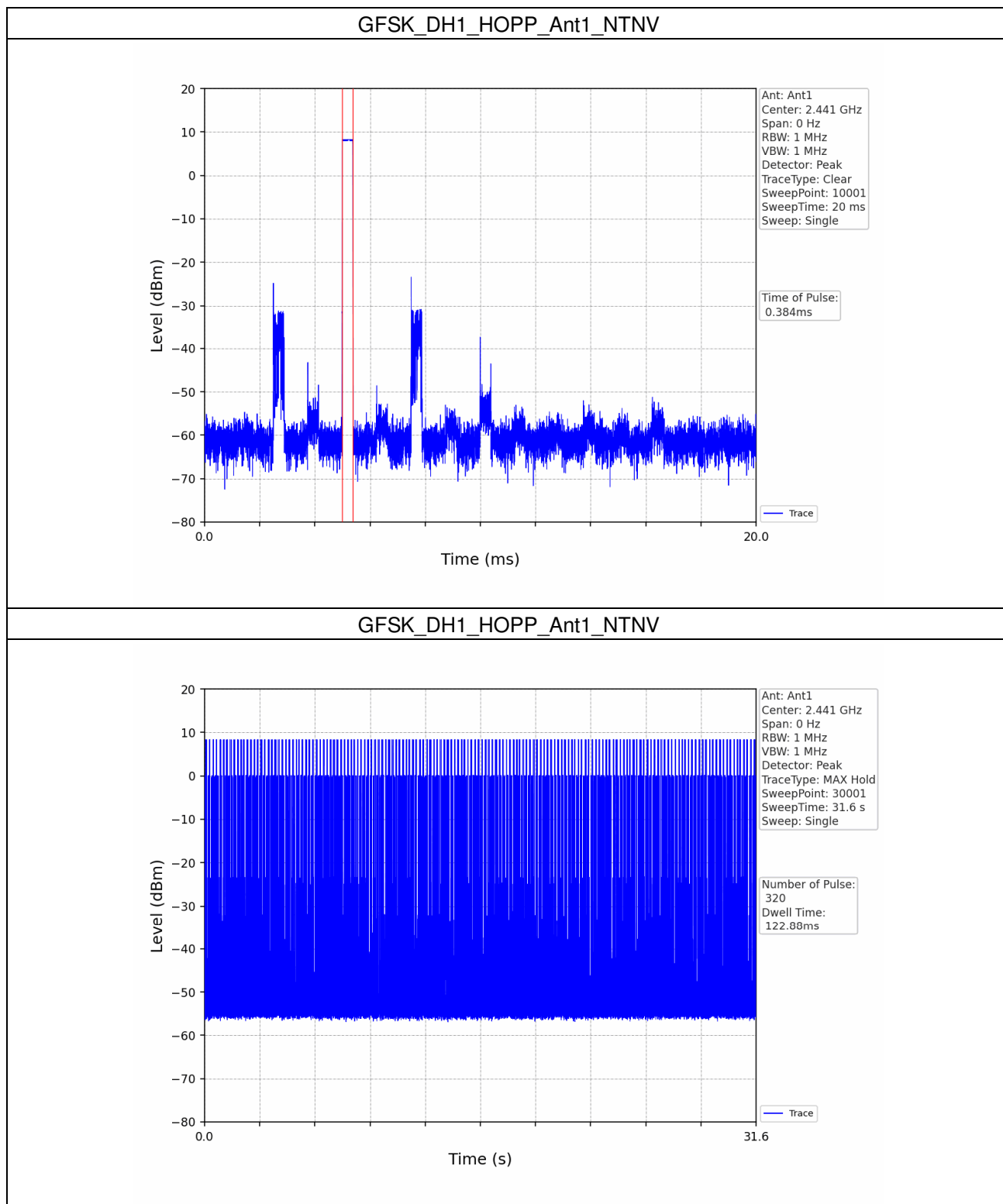
Ant1									
Mode	TX Type	Frequency (MHz)	Packet Type	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limit (ms)	Verdict
GFSK	SISO	HOPP	DH1	0.384	31.600	320	122.880	<=400	Pass
			DH3	1.638	31.600	147	240.786	<=400	Pass
			DH5	2.886	31.600	115	331.890	<=400	Pass
Pi/4DQPSK	SISO	HOPP	2DH1	0.386	31.600	320	123.520	<=400	Pass
			2DH3	1.638	31.600	167	273.546	<=400	Pass
			2DH5	2.886	31.600	111	320.346	<=400	Pass
8DPSK	SISO	HOPP	3DH1	0.386	31.600	320	123.520	<=400	Pass
			3DH3	1.636	31.600	147	240.492	<=400	Pass
			3DH5	2.886	31.600	114	329.004	<=400	Pass



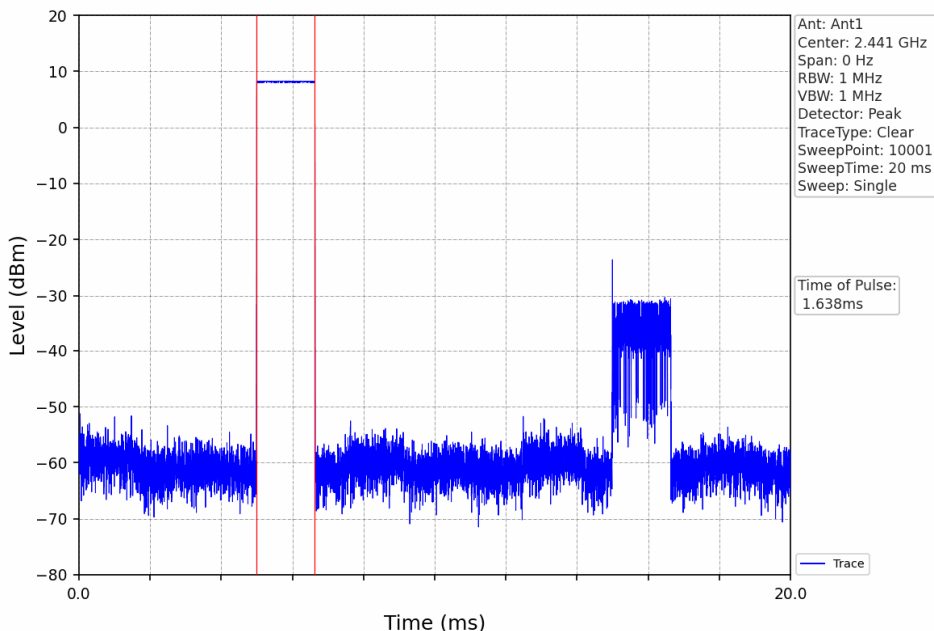
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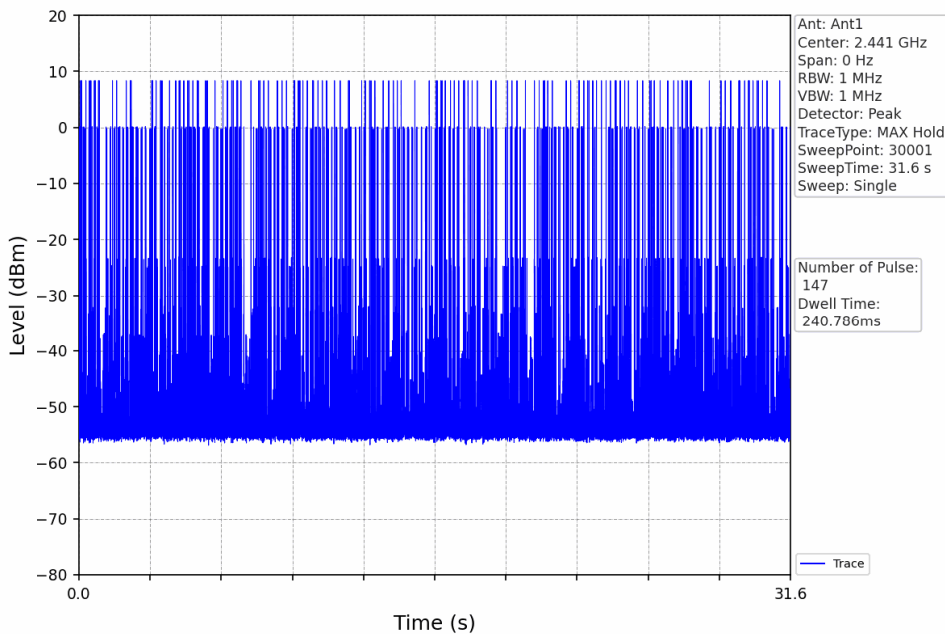
5.1.2 Test Graph



GFSK_DH3_HOPP_Ant1_NTNV

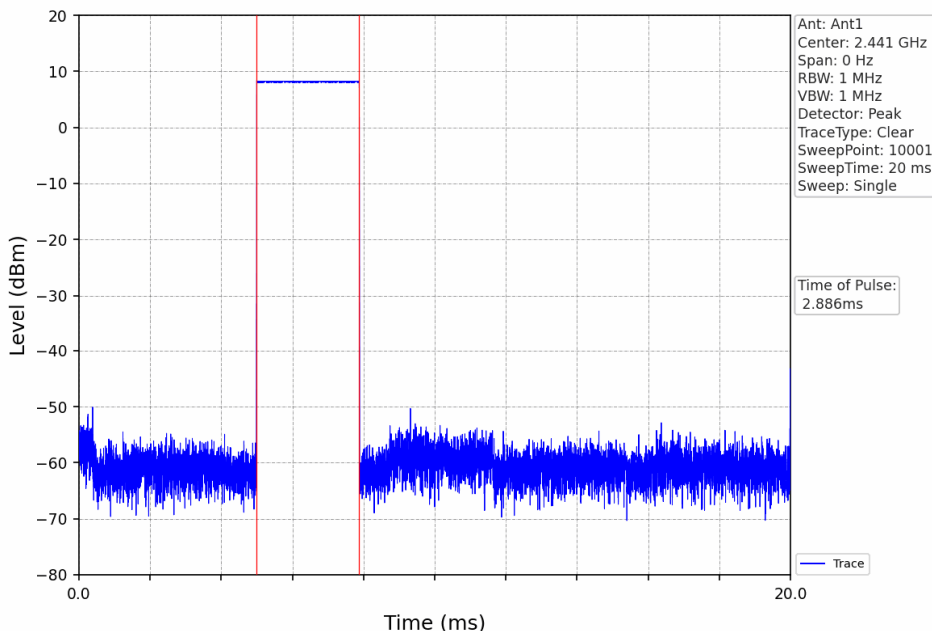


GFSK_DH3_HOPP_Ant1_NTNV

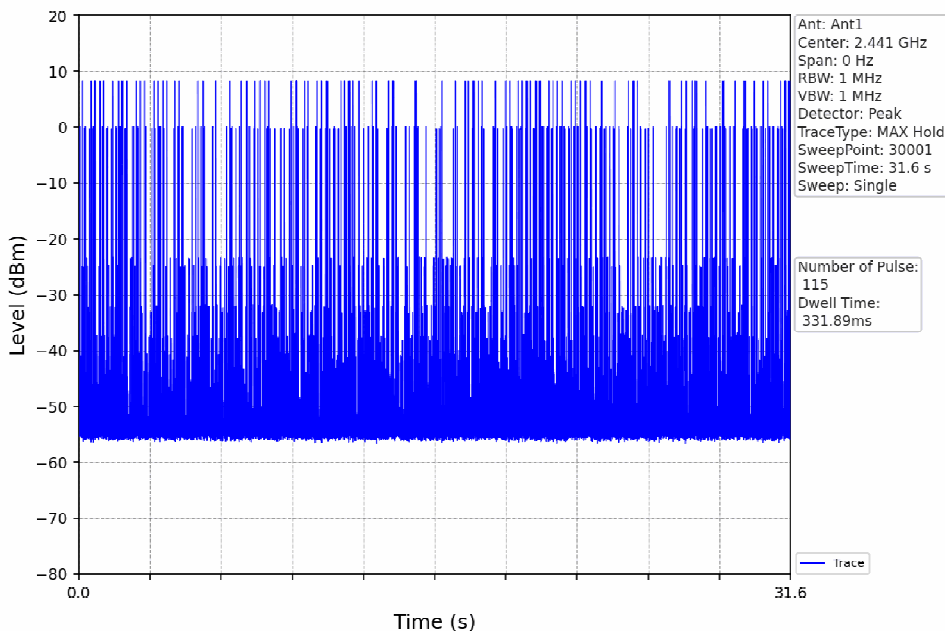


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GFSK_DH5_HOPP_Ant1_NTNV

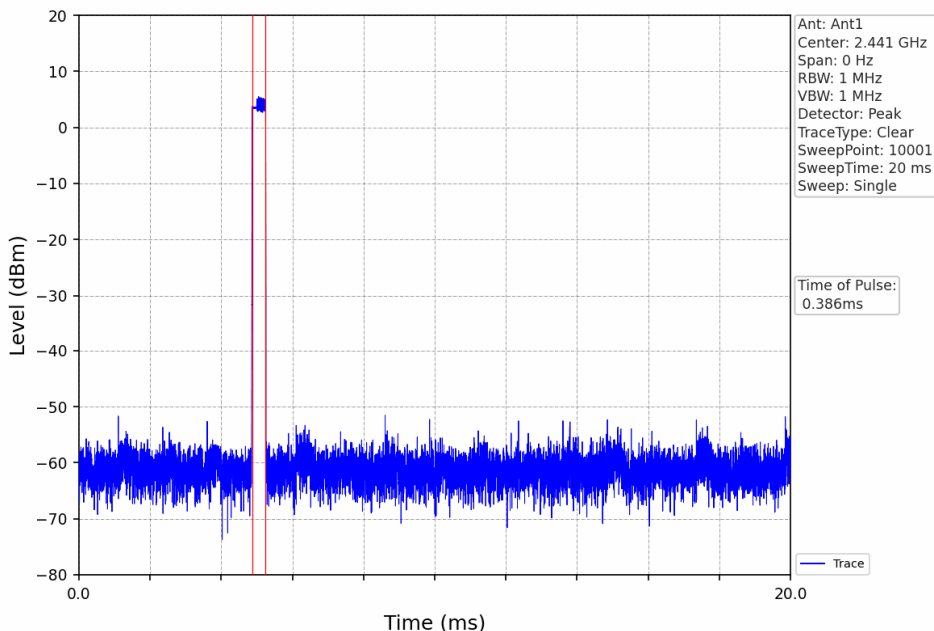


GFSK_DH5_HOPP_Ant1_NTNV

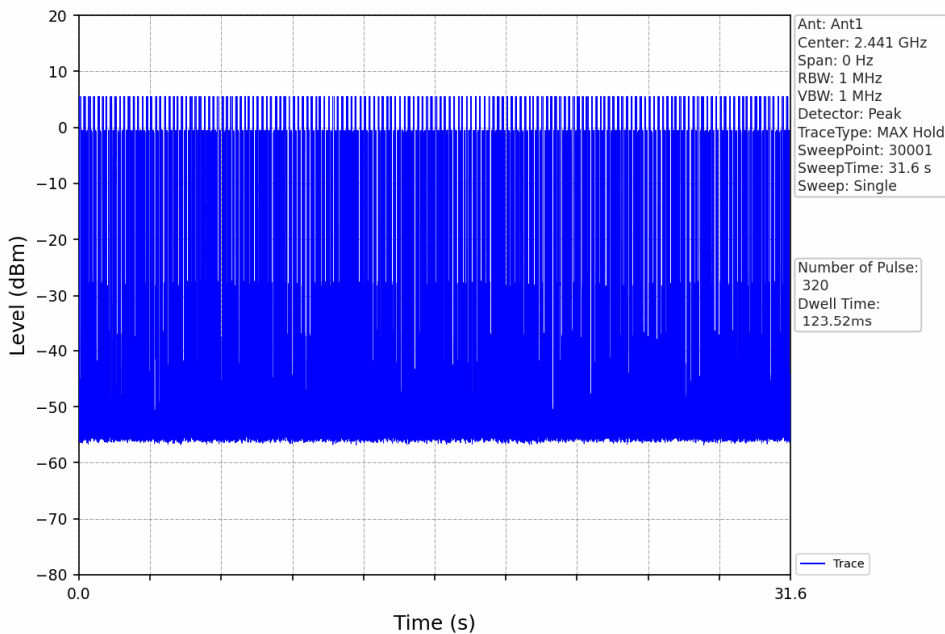


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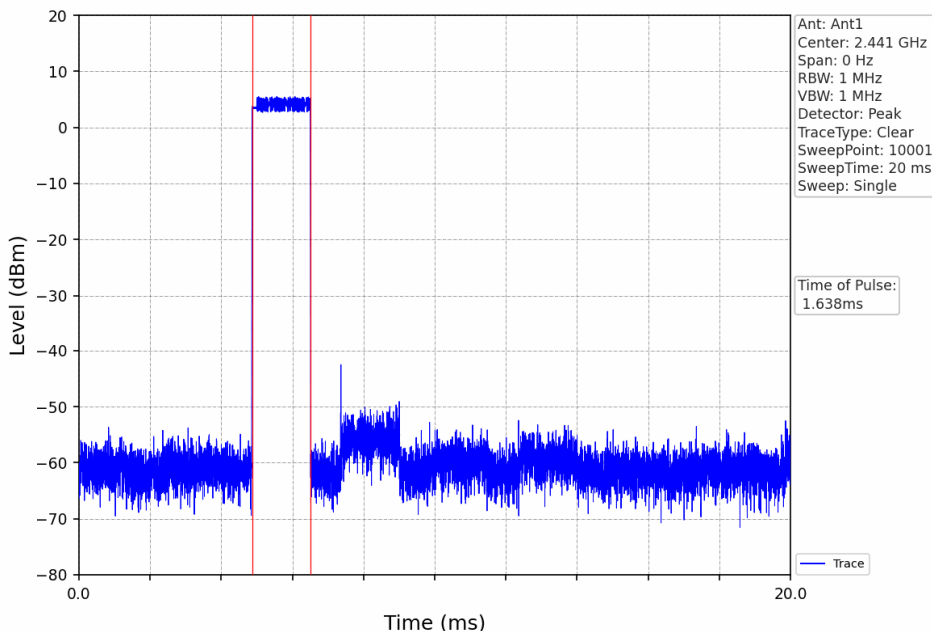
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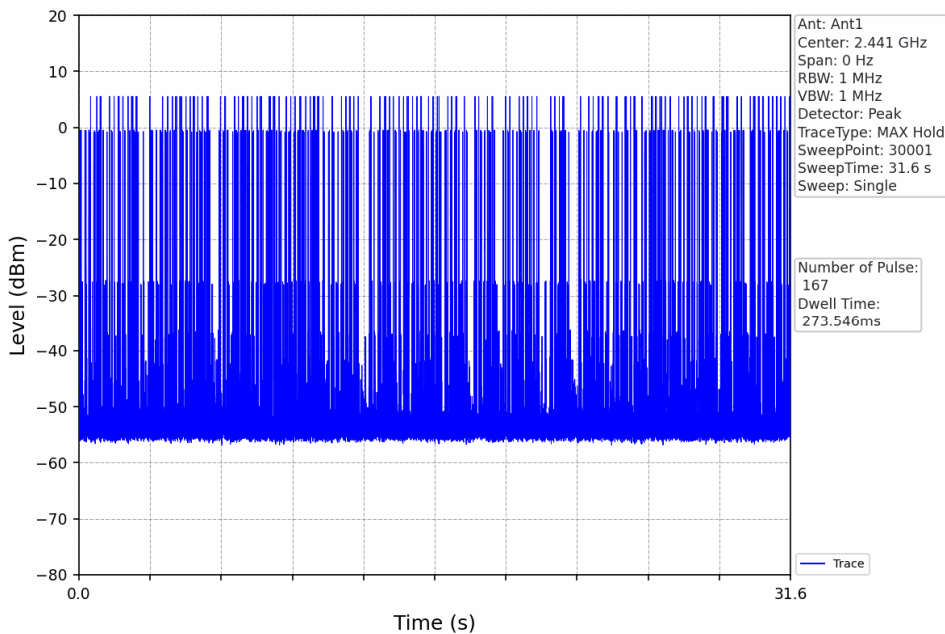
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Pi/4DQPSK_2DH3_HOPP_Ant1_NTNV

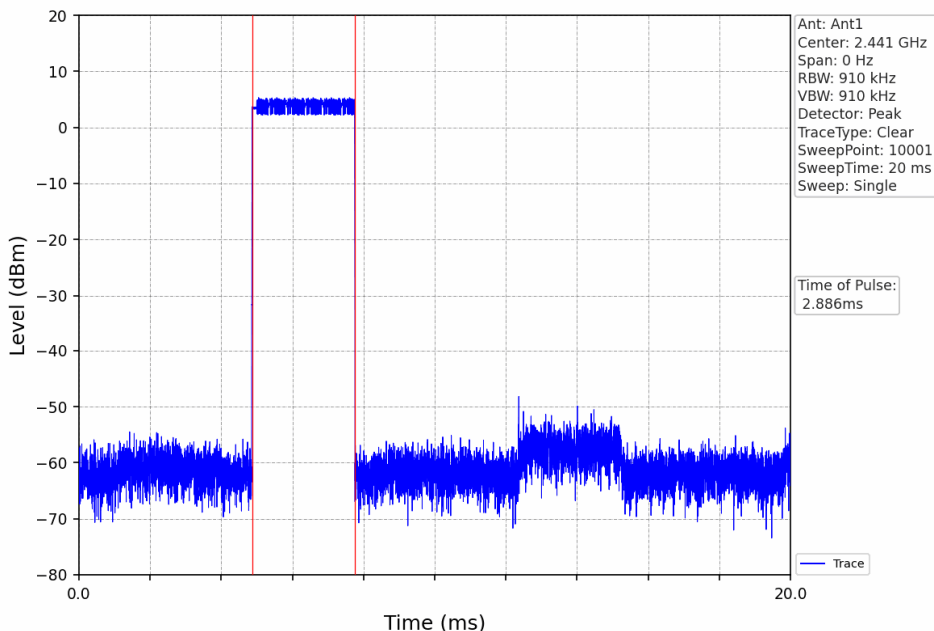


Pi/4DQPSK_2DH3_HOPP_Ant1_NTNV

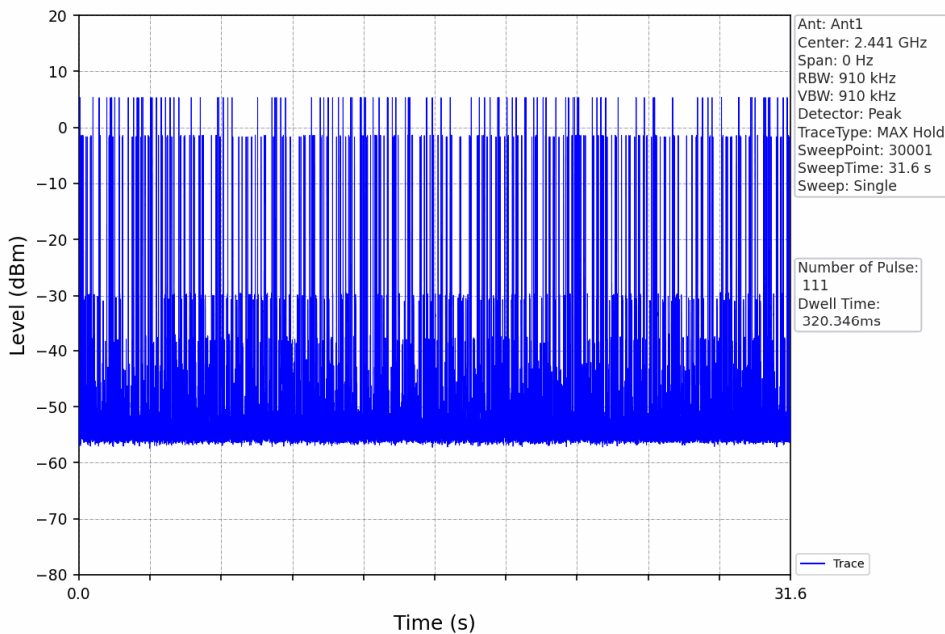


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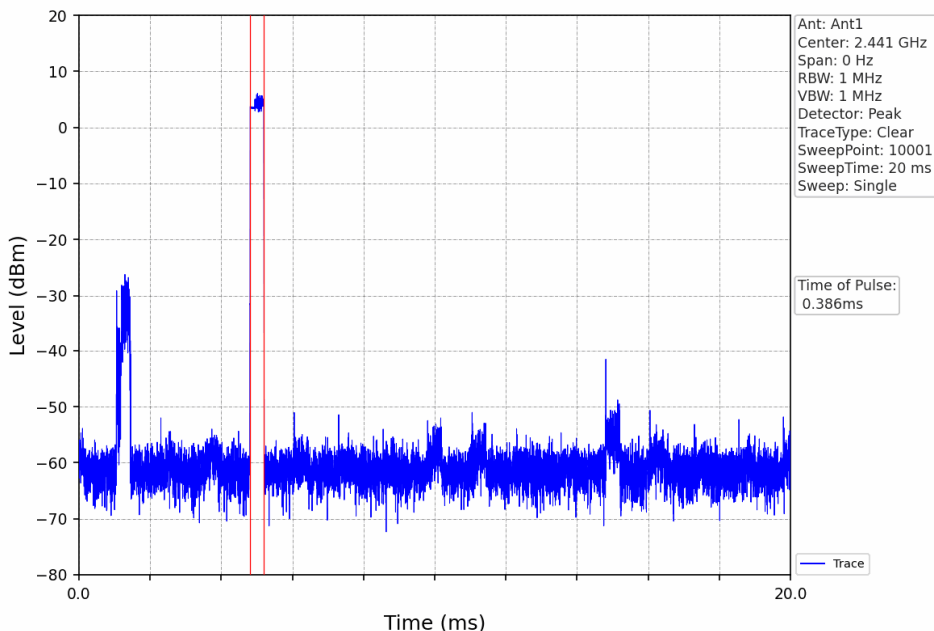
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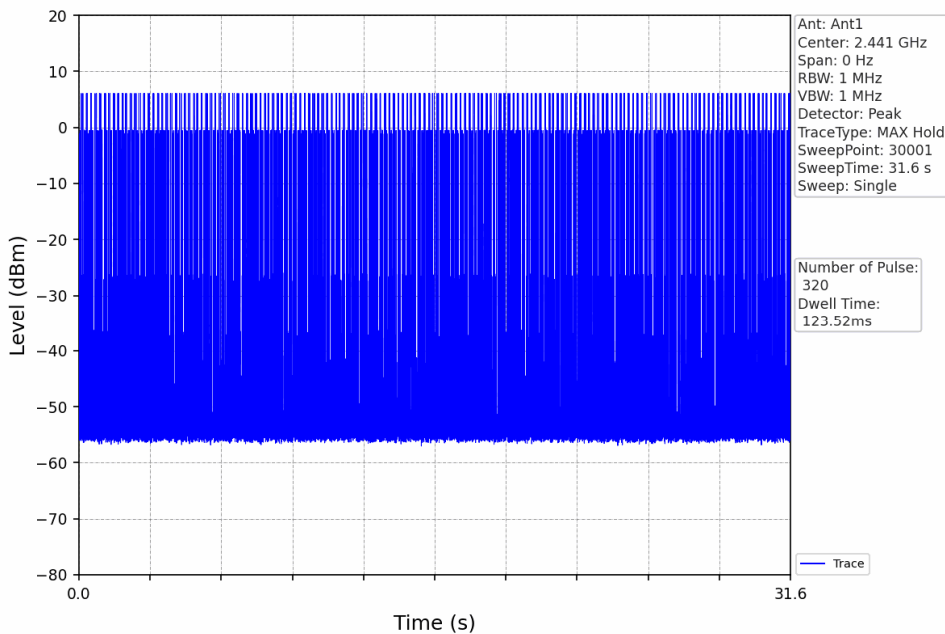
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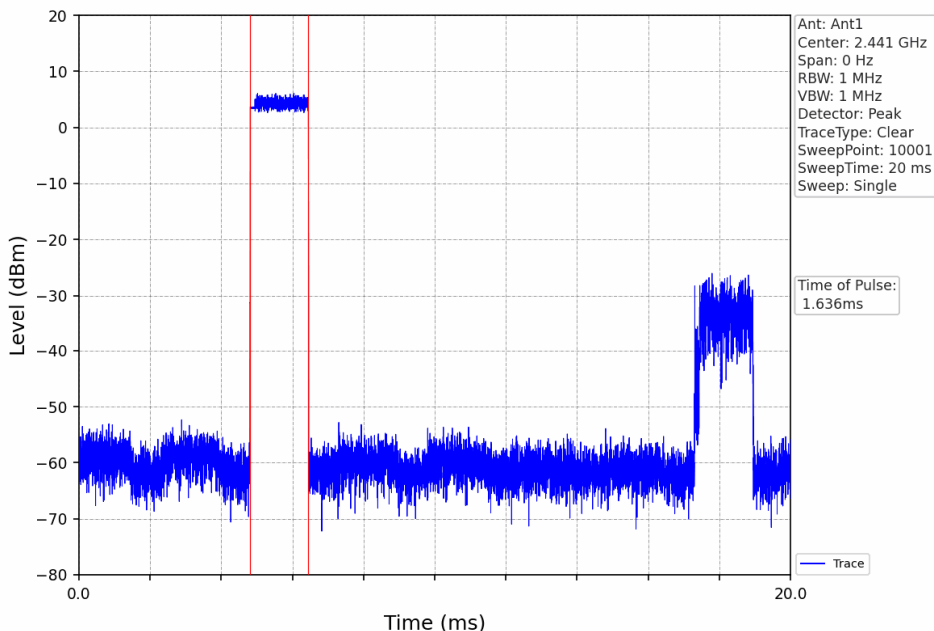
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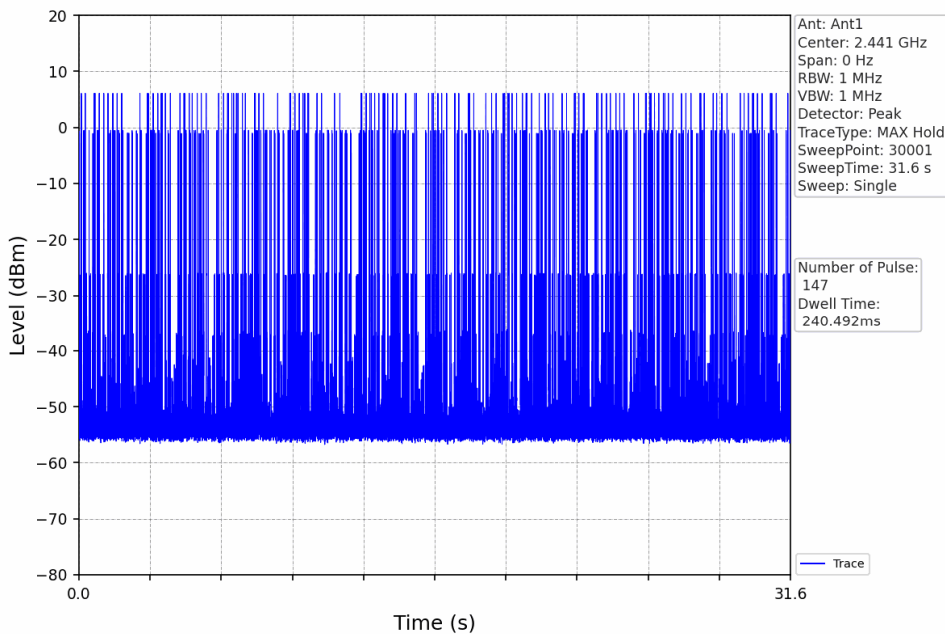
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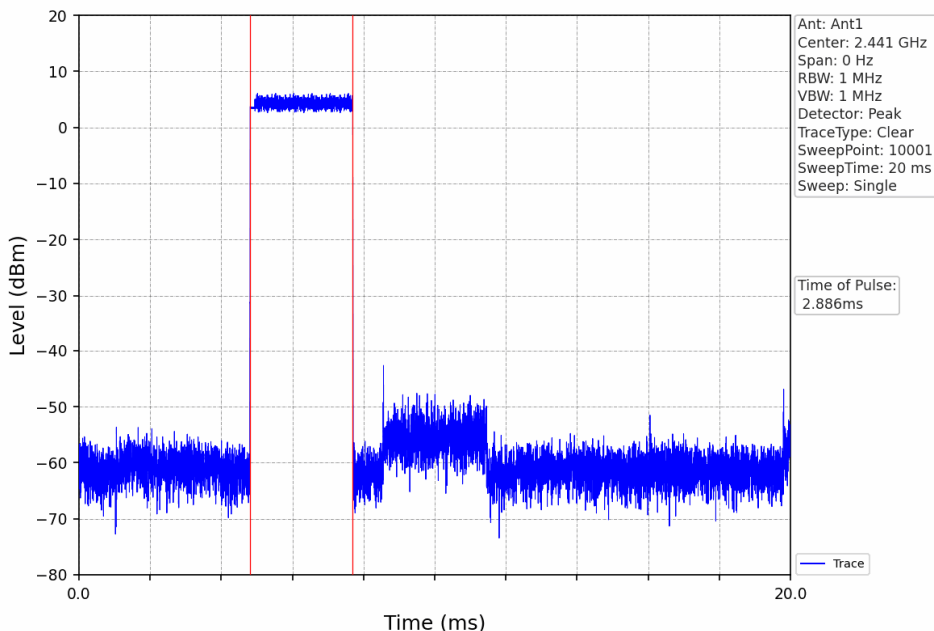
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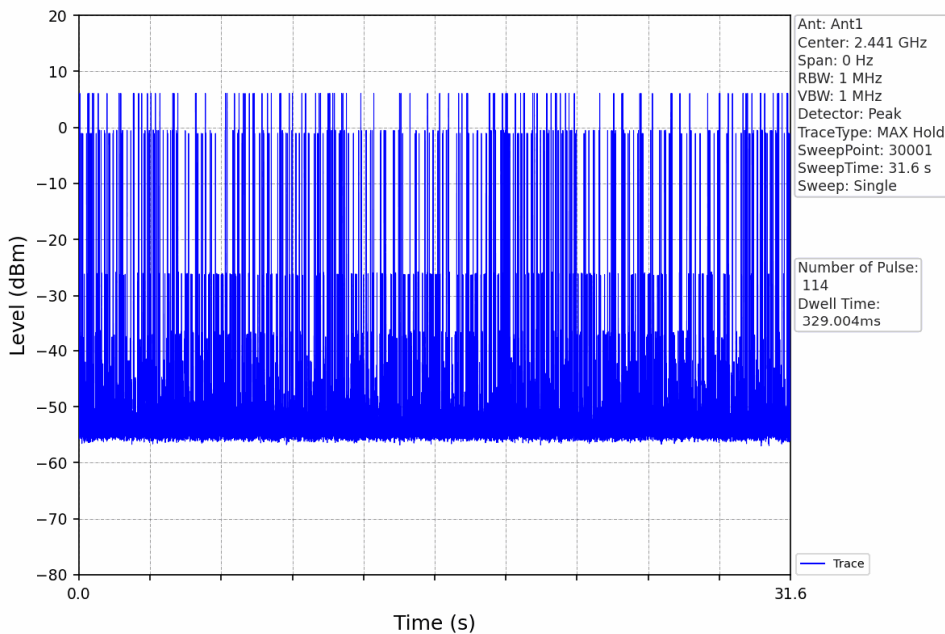
8DPSK_3DH3_HOPP_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV



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6. Unwanted Emissions In Non-restricted Frequency Bands

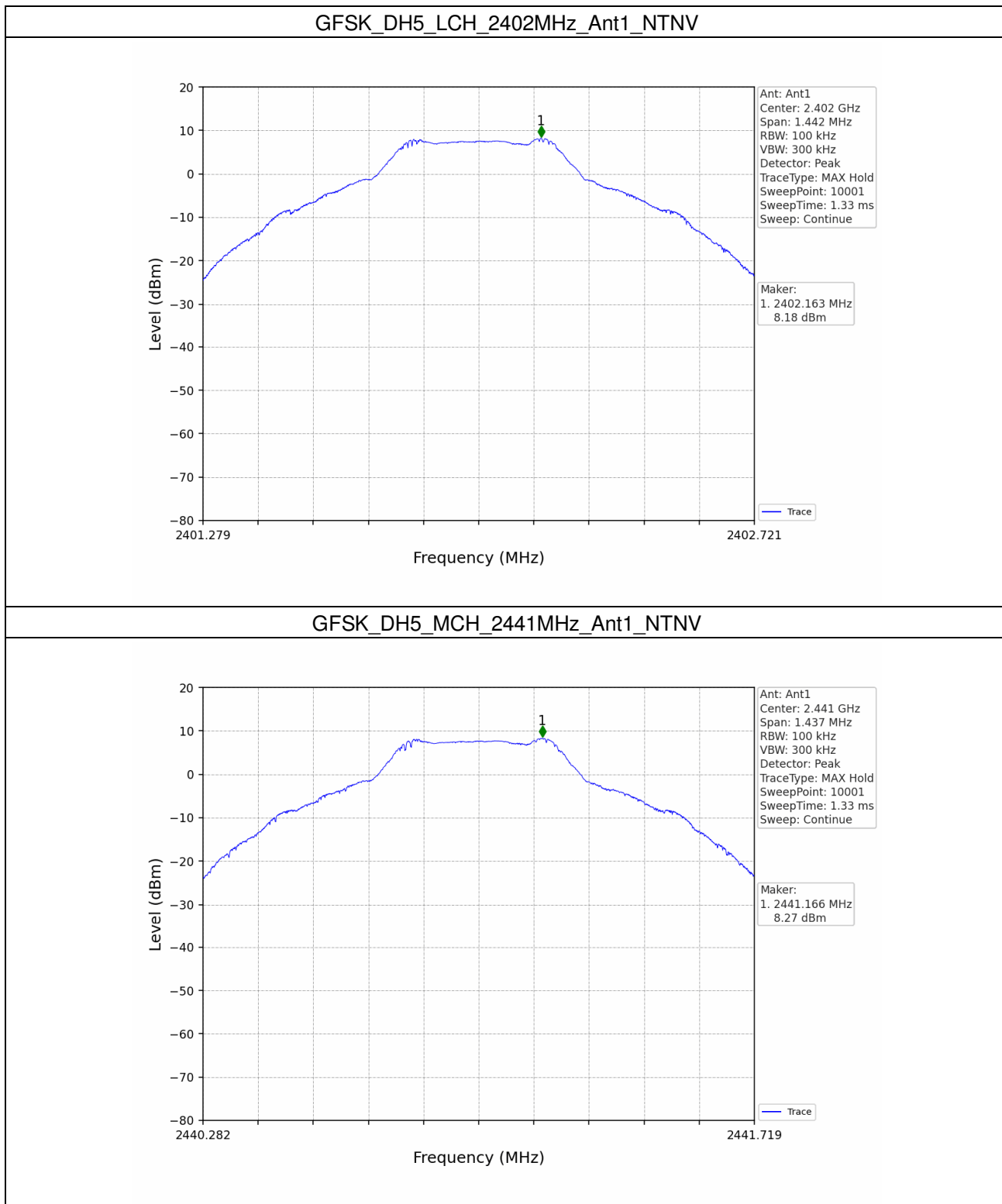
6.1 Ref

6.1.1 Test Result

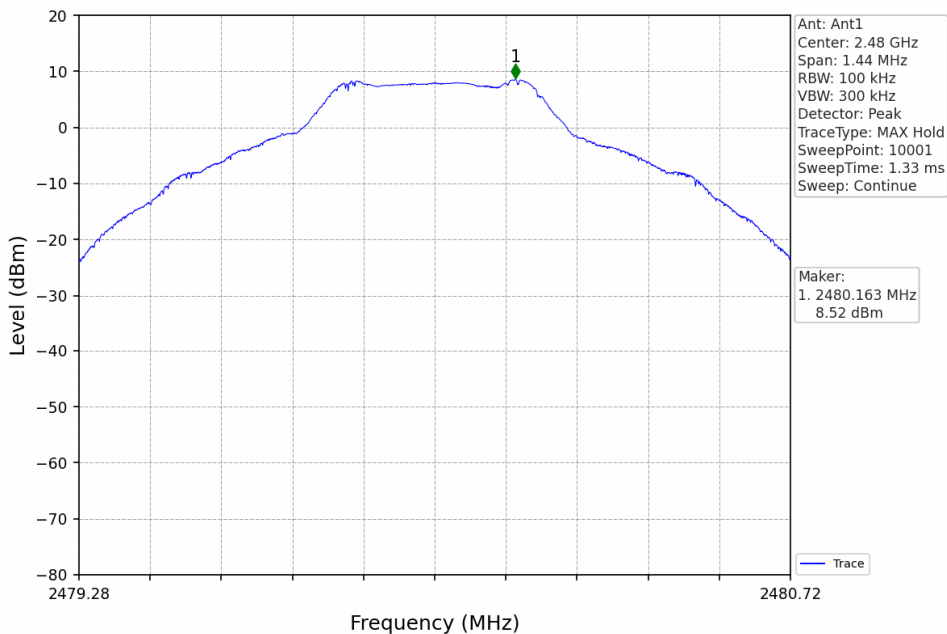
Mode	TX Type	Frequency (MHz)	Packet Type	Ant	Level of Reference (dBm)
GFSK	SISO	2402	DH5	1	8.18
		2441	DH5	1	8.27
		2480	DH5	1	8.52
Pi/4DQPSK	SISO	2402	2DH5	1	3.54
		2441	2DH5	1	3.49
		2480	2DH5	1	3.44
8DPSK	SISO	2402	3DH5	1	3.67
		2441	3DH5	1	3.64
		2480	3DH5	1	3.60

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.

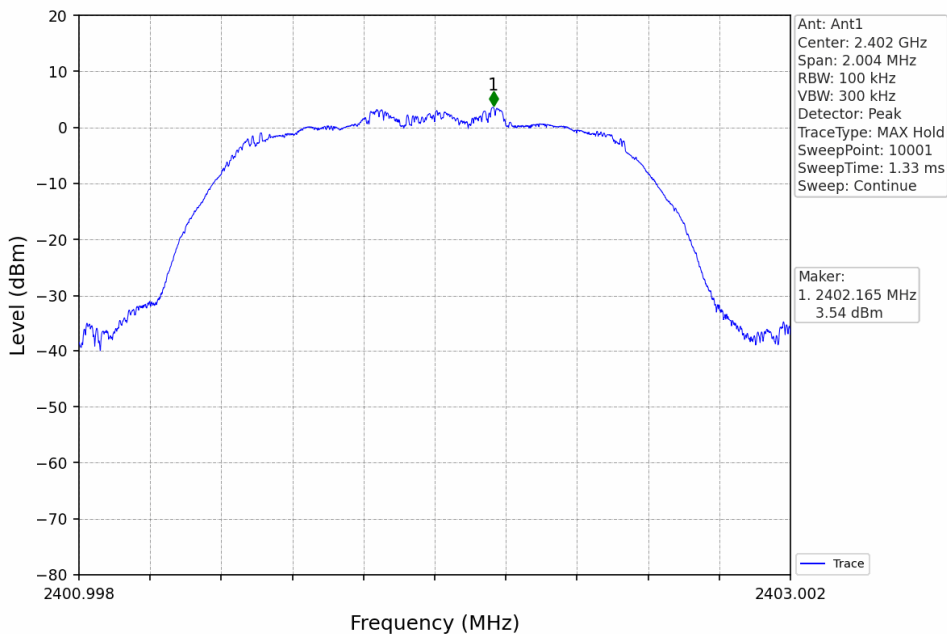
6.1.2 Test Graph



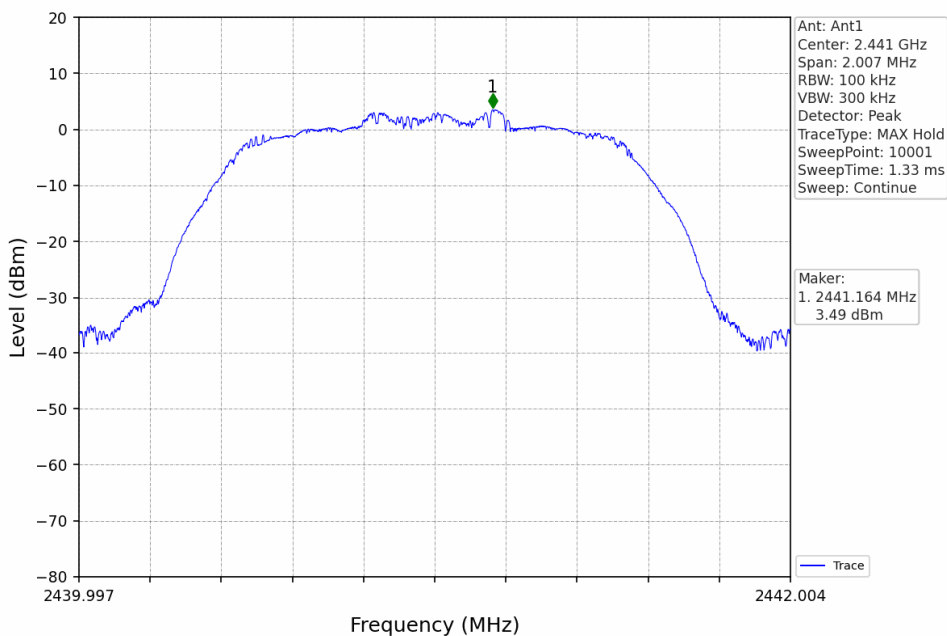
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



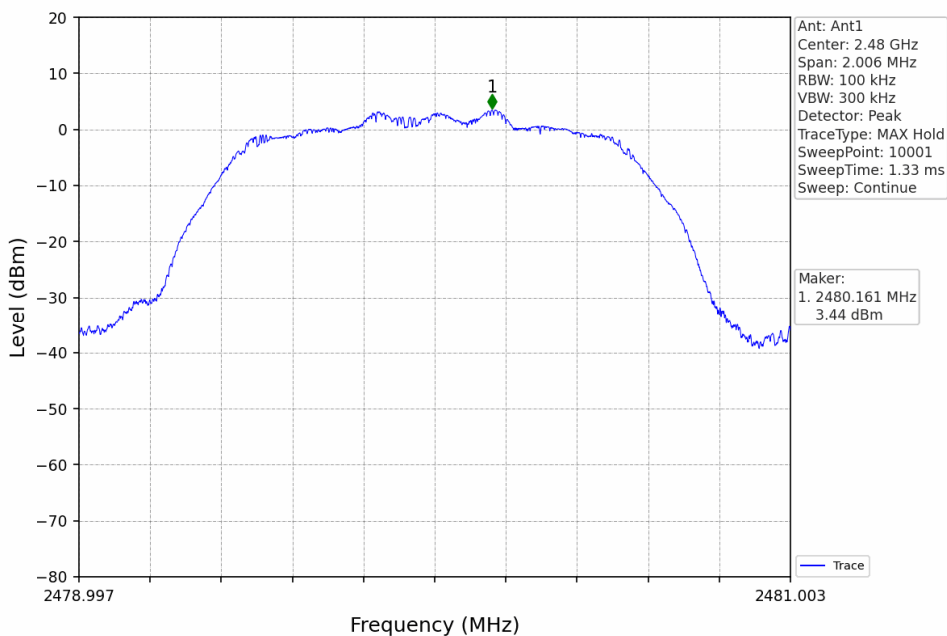
Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



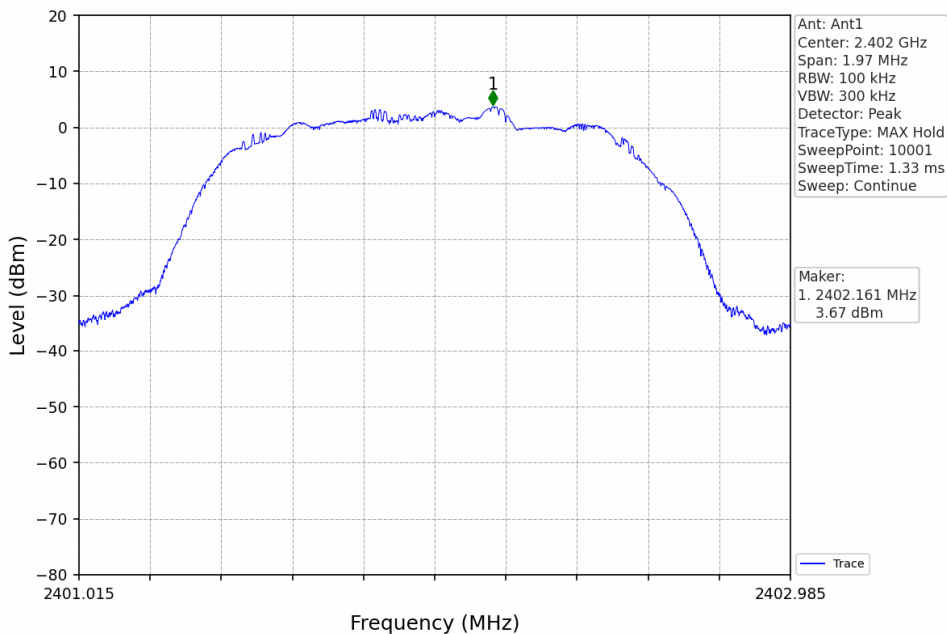
Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



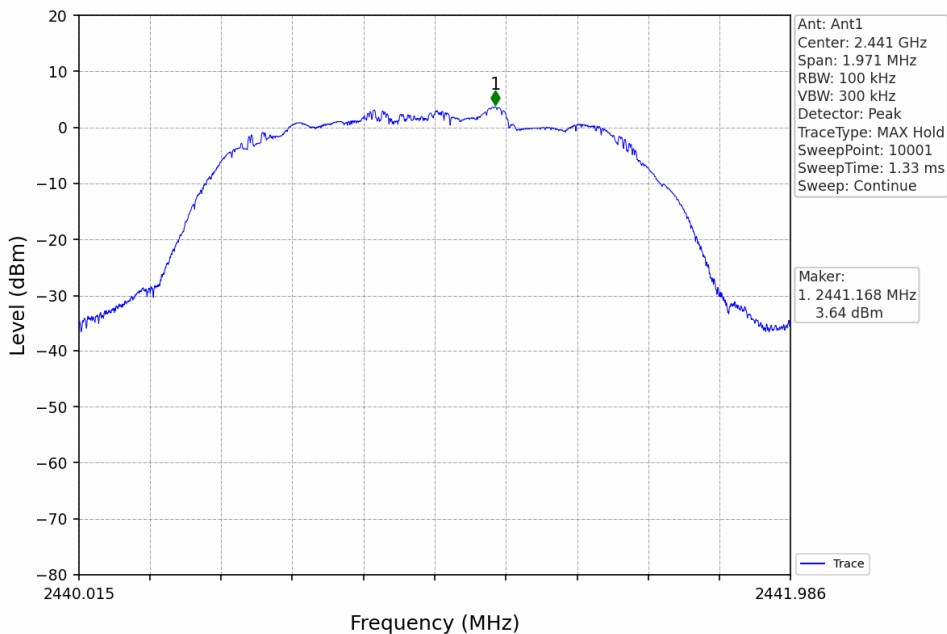
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8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



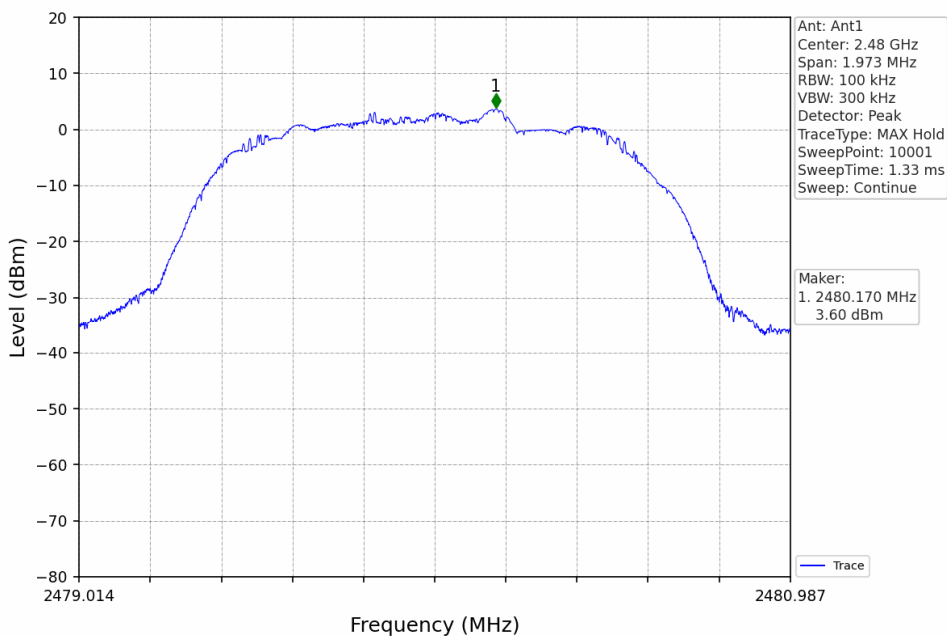
8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



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8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



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	8.52	-11.48	Pass
		2441	DH5	1	8.52	-11.48	Pass
		2480	DH5	1	8.52	-11.48	Pass
		HOPP	DH5	1	8.52	-11.48	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	3.54	-16.46	Pass
		2441	2DH5	1	3.54	-16.46	Pass
		2480	2DH5	1	3.54	-16.46	Pass
		HOPP	2DH5	1	3.54	-16.46	Pass
8DPSK	SISO	2402	3DH5	1	3.67	-16.33	Pass
		2441	3DH5	1	3.67	-16.33	Pass
		2480	3DH5	1	3.67	-16.33	Pass
		HOPP	3DH5	1	3.67	-16.33	Pass

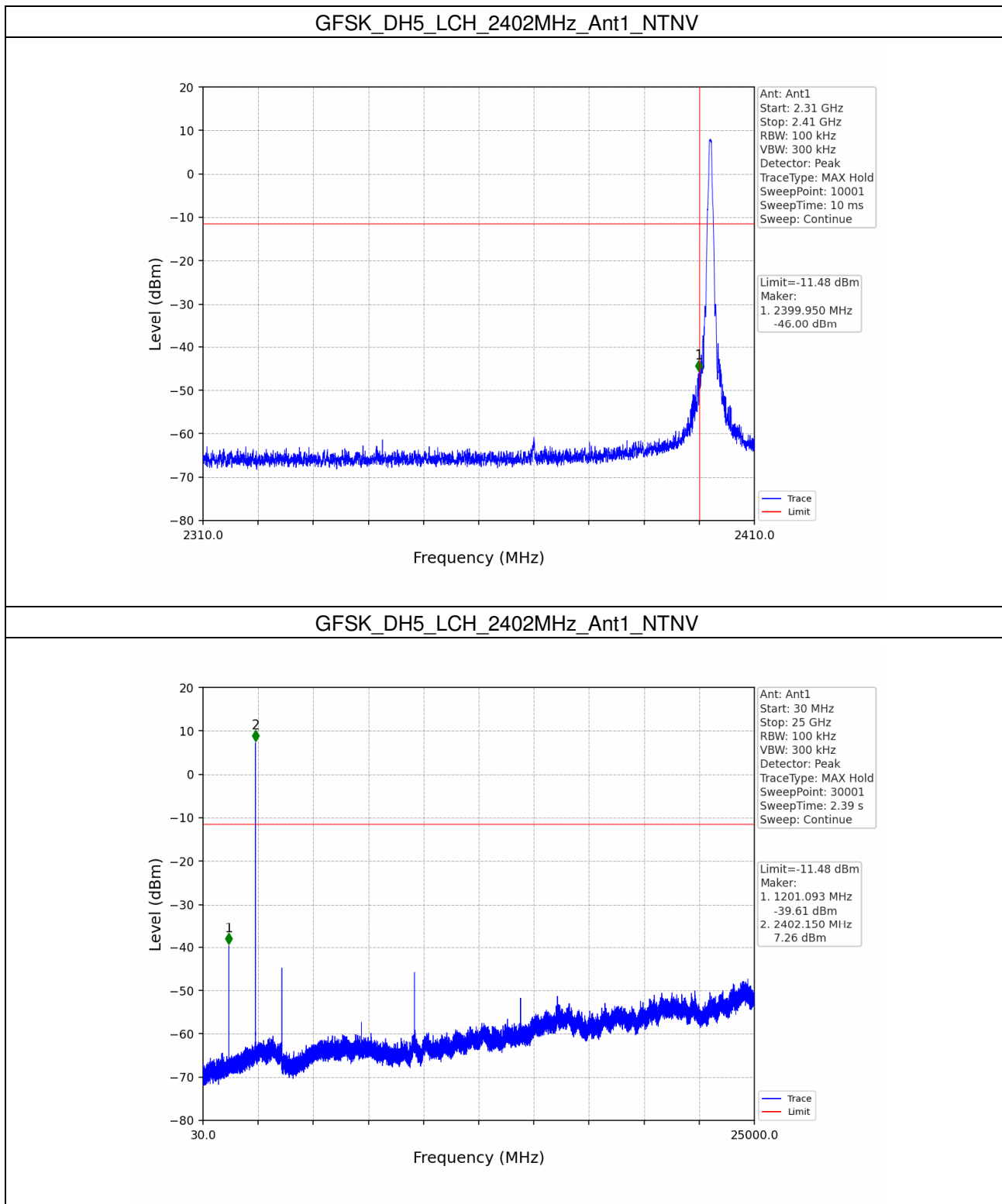
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.



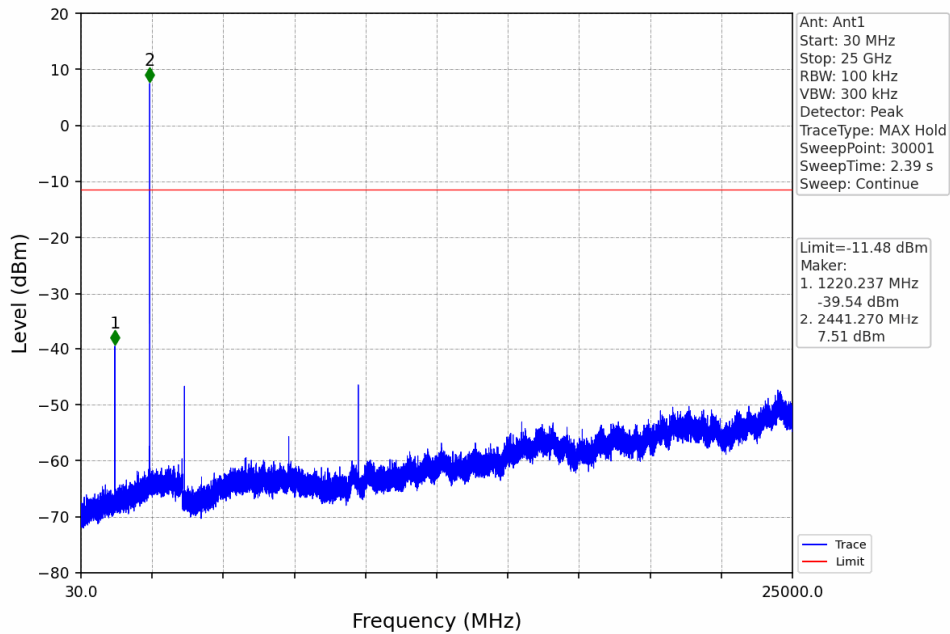
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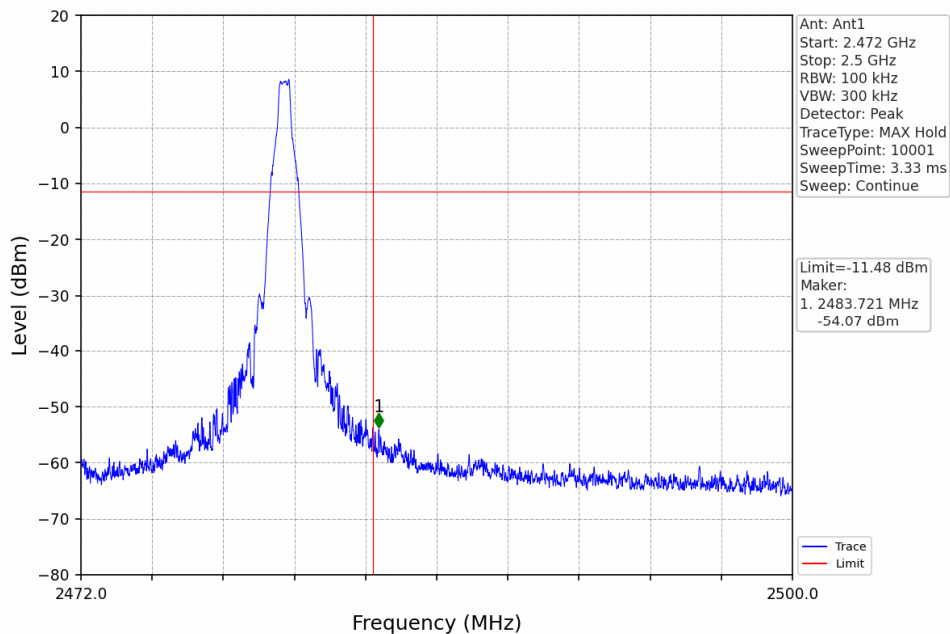
6.2.2 Test Graph



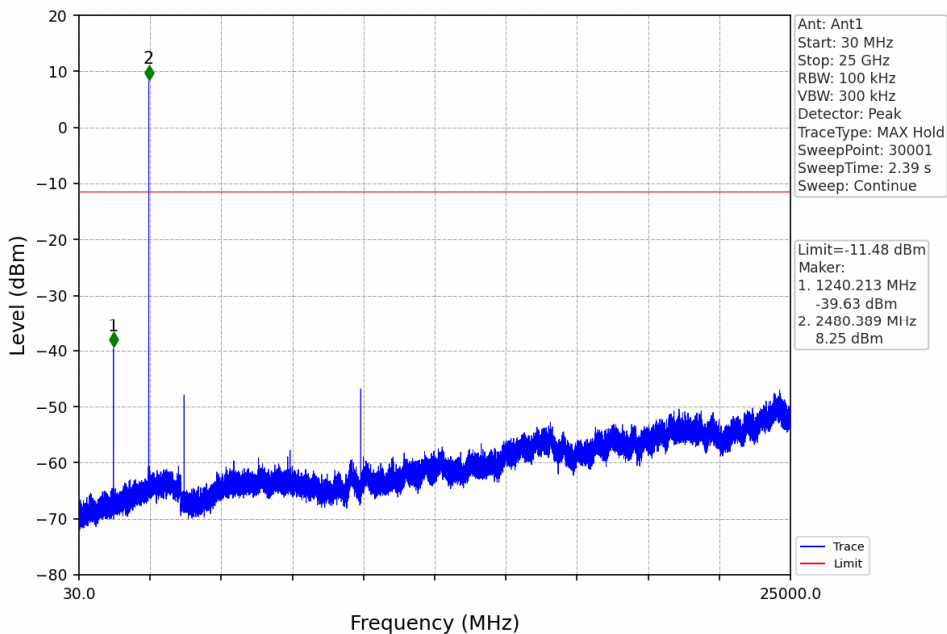
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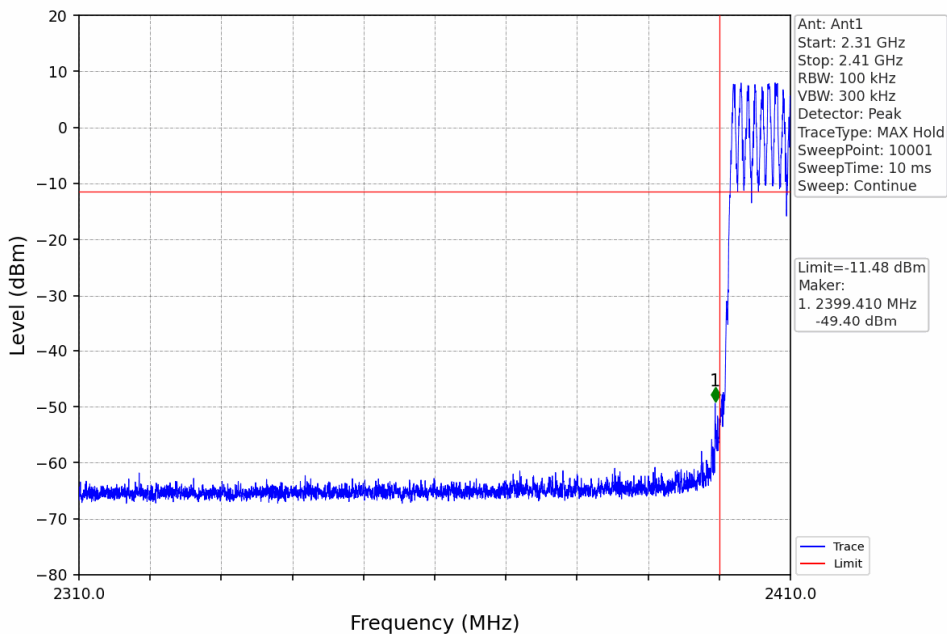
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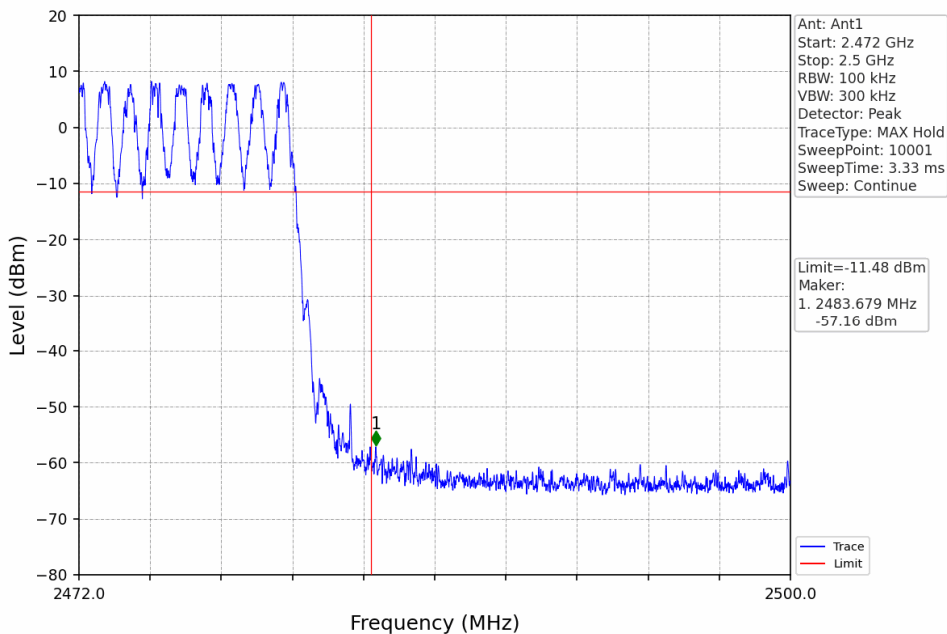
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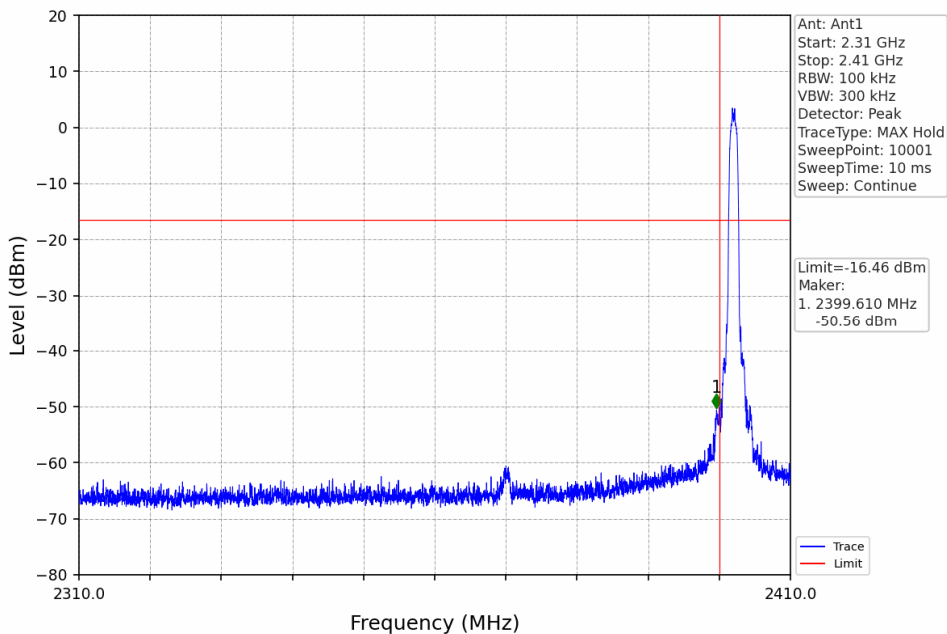
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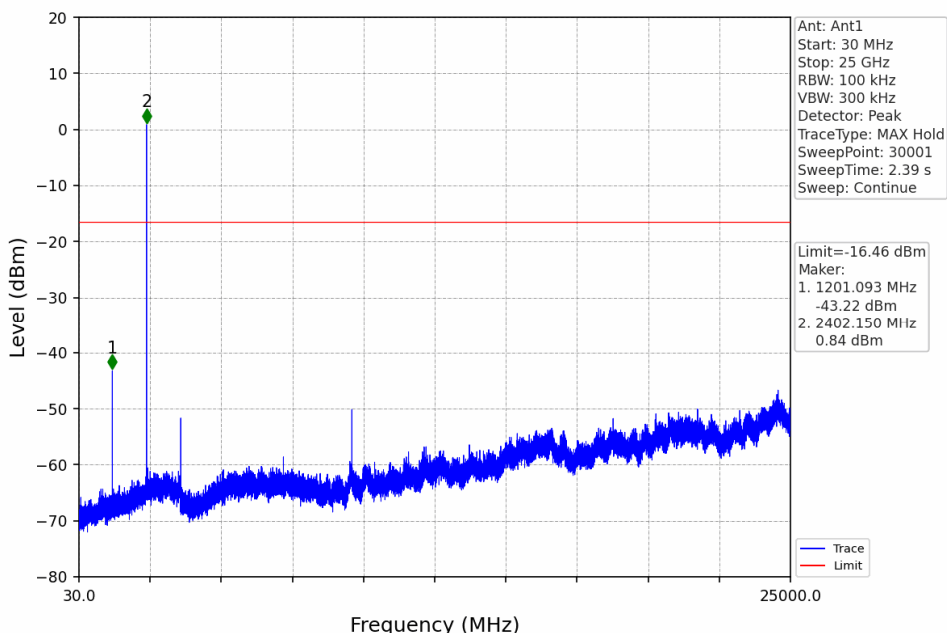
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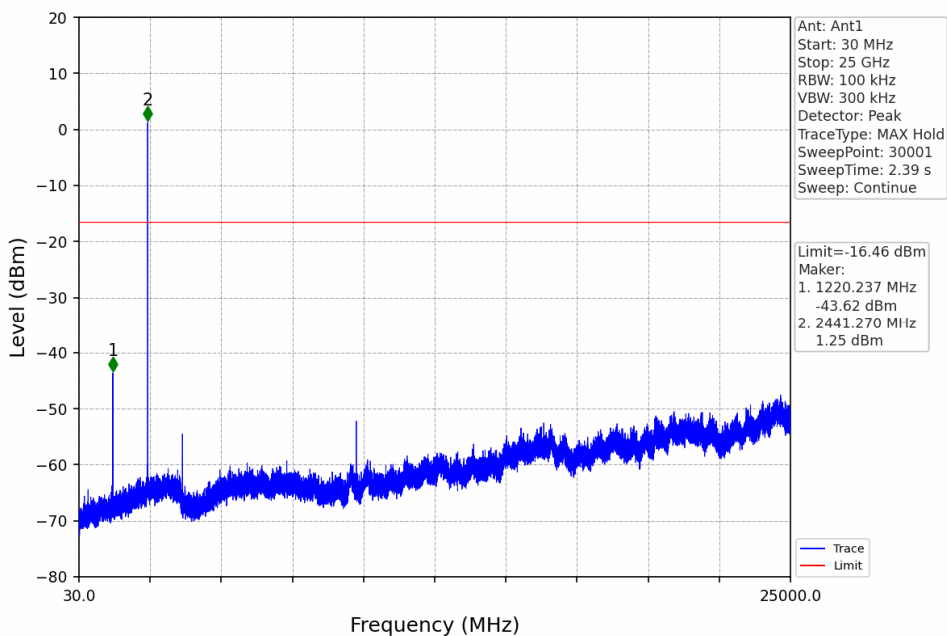
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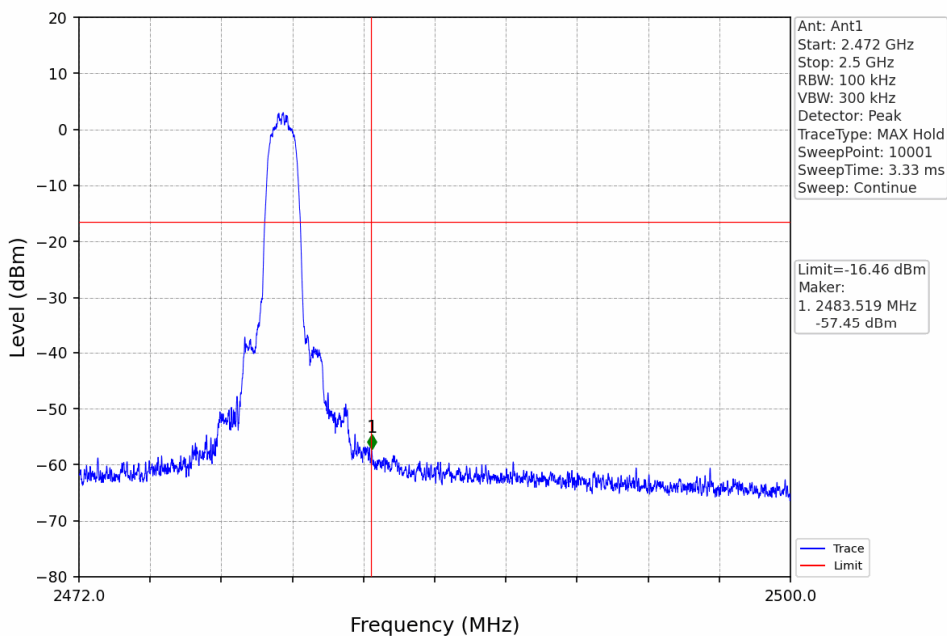
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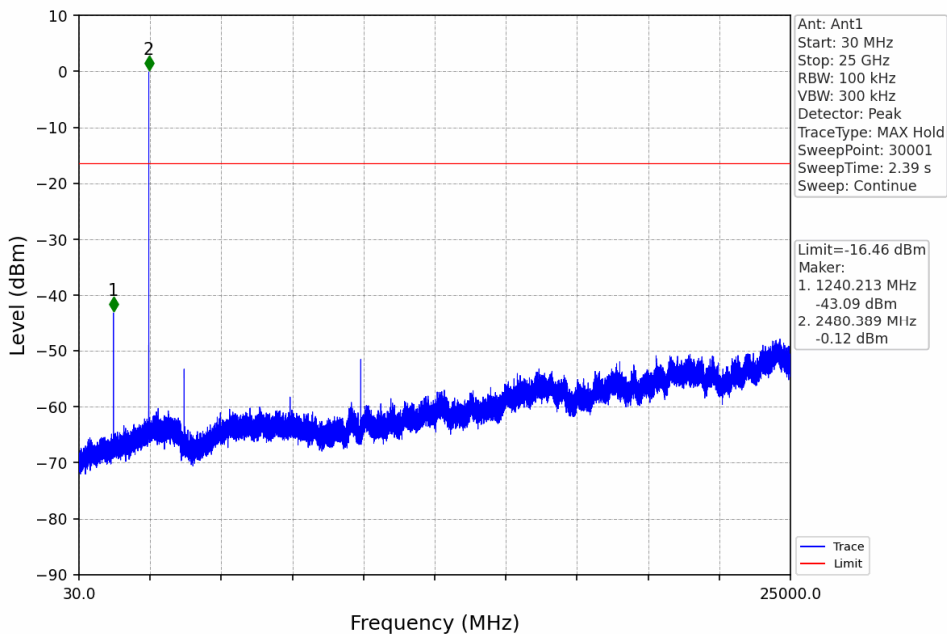
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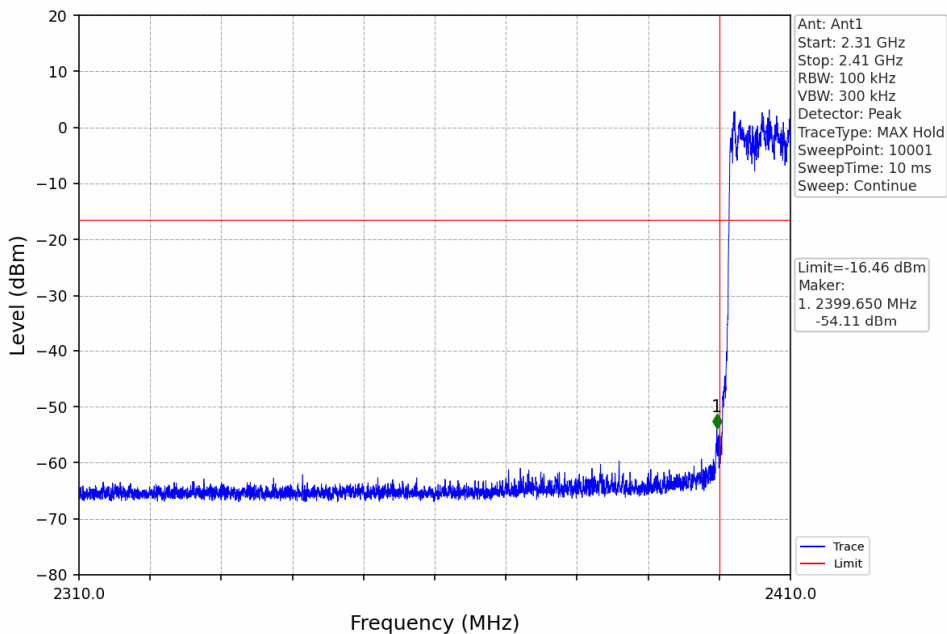
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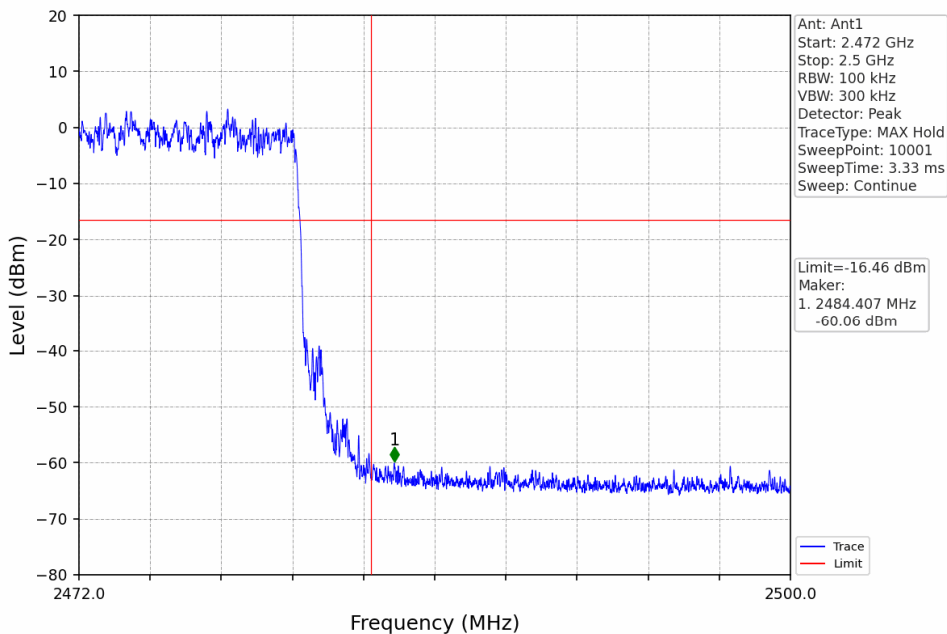
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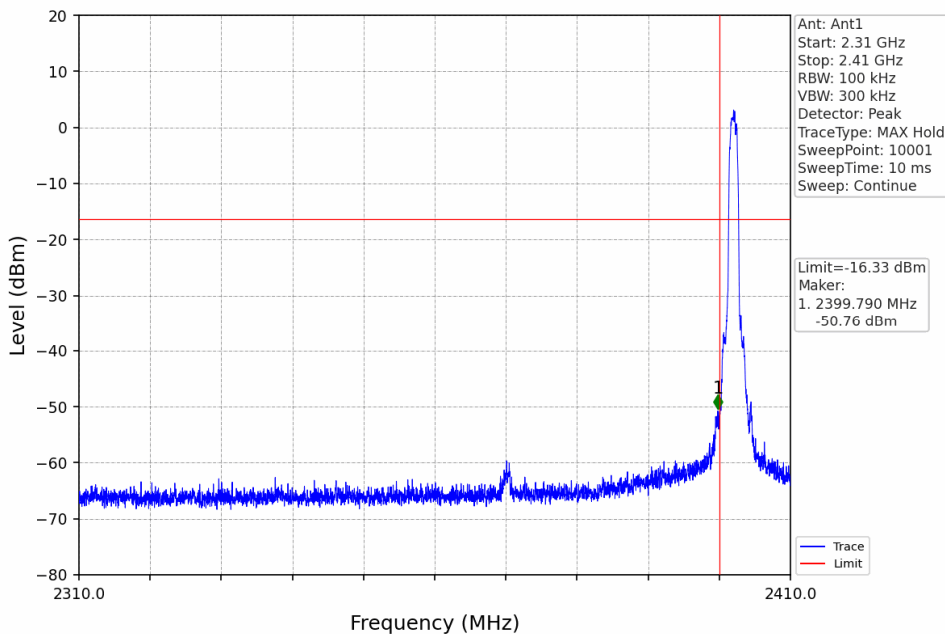
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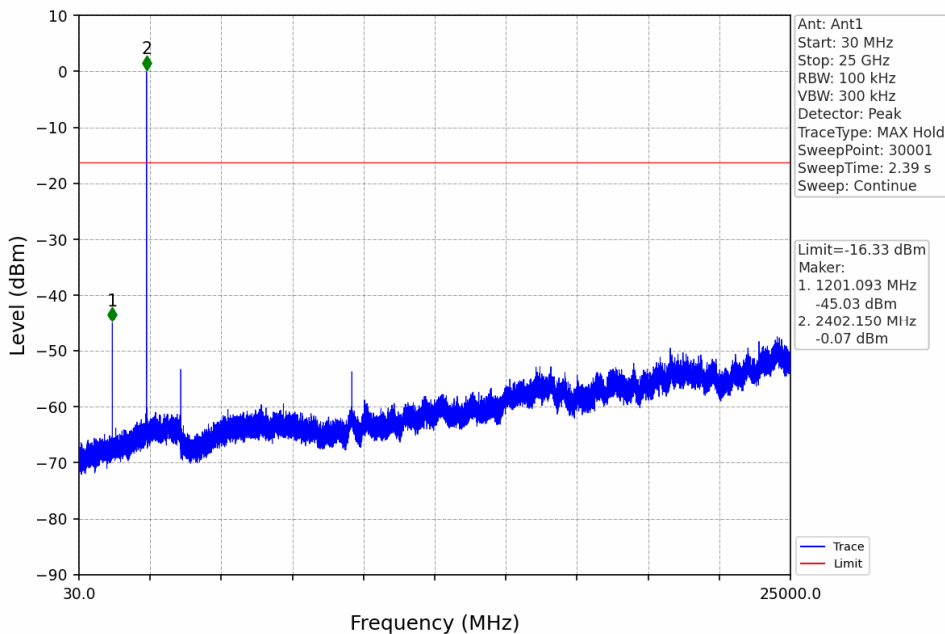
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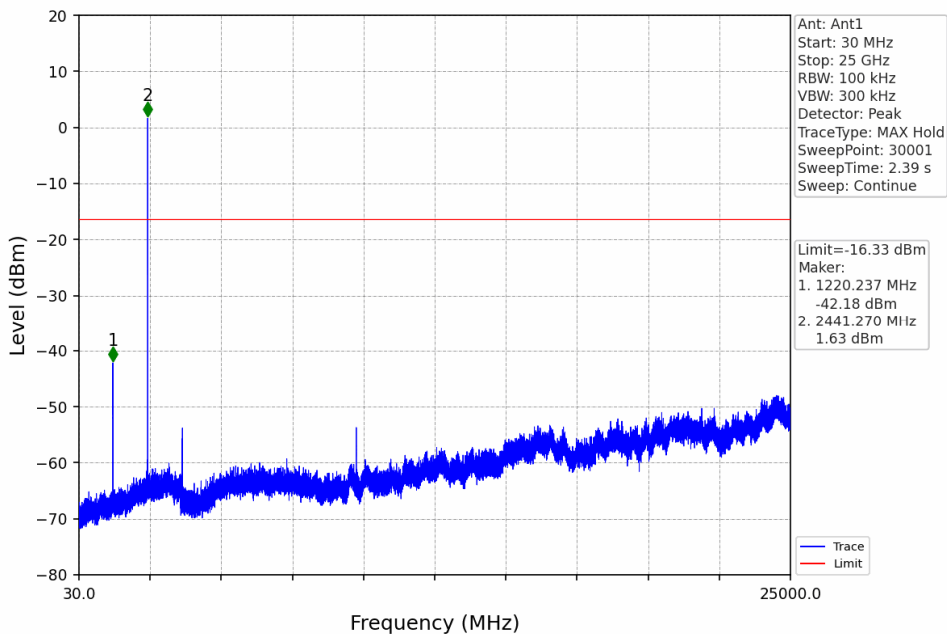
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



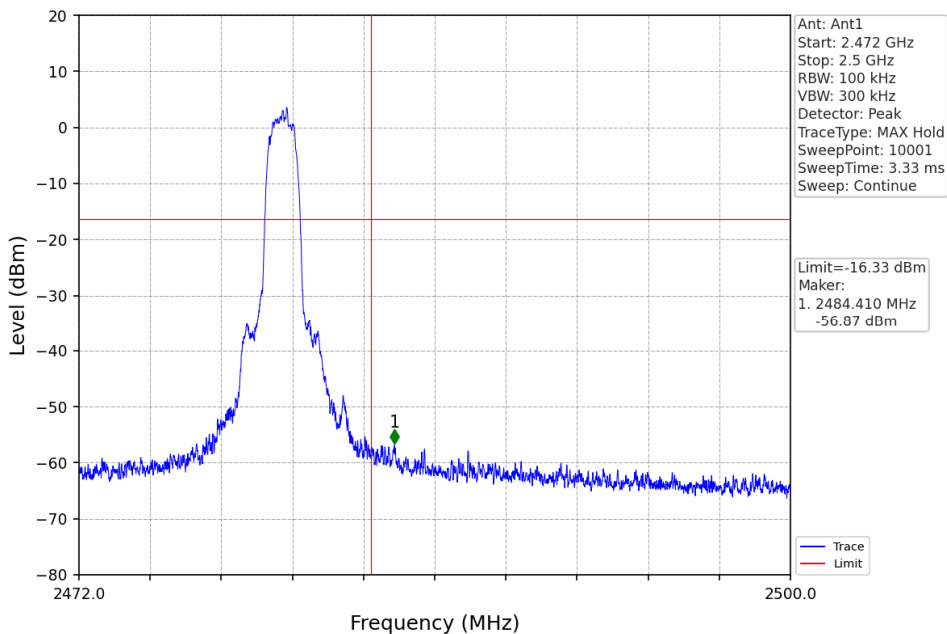
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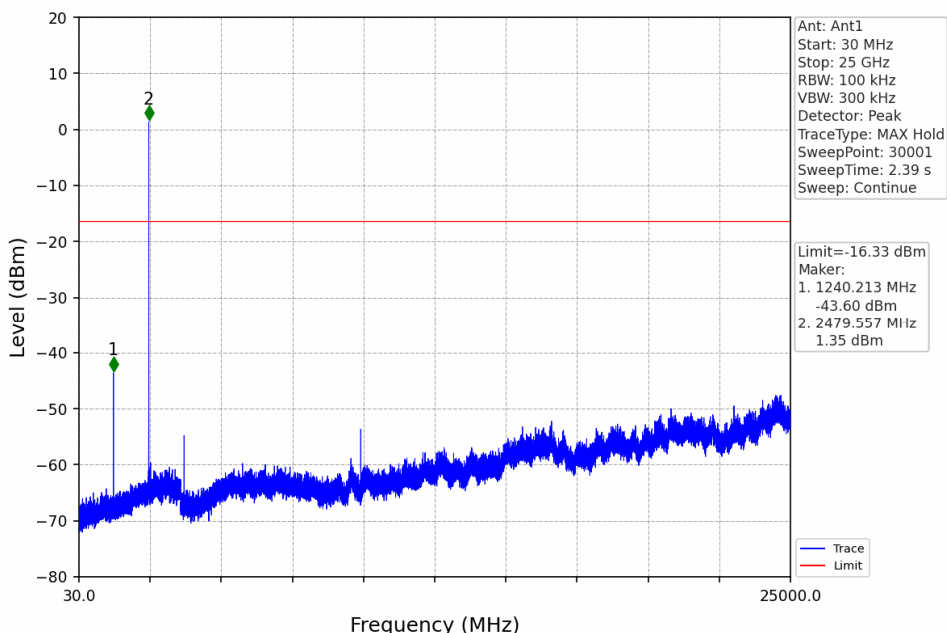
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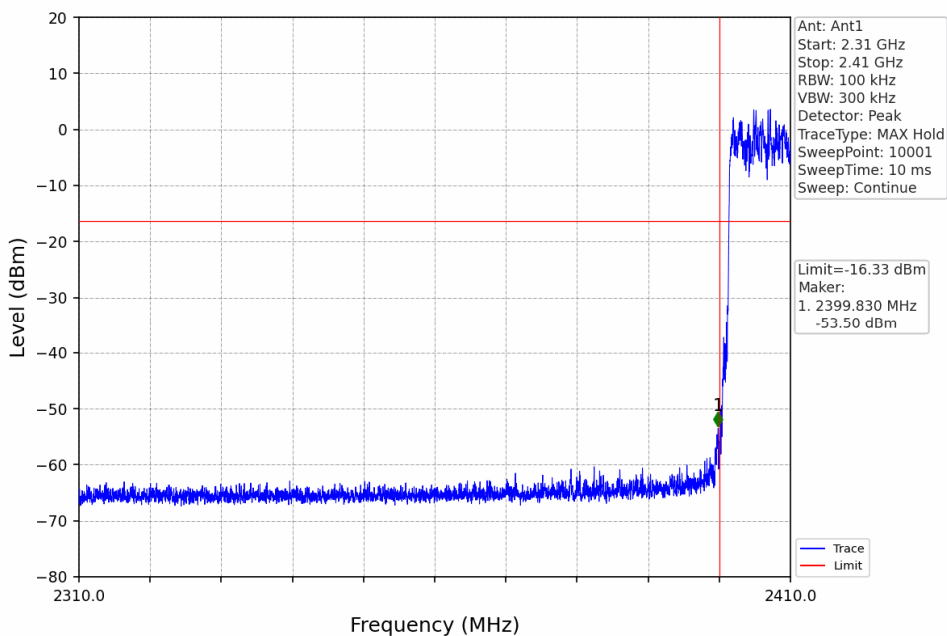
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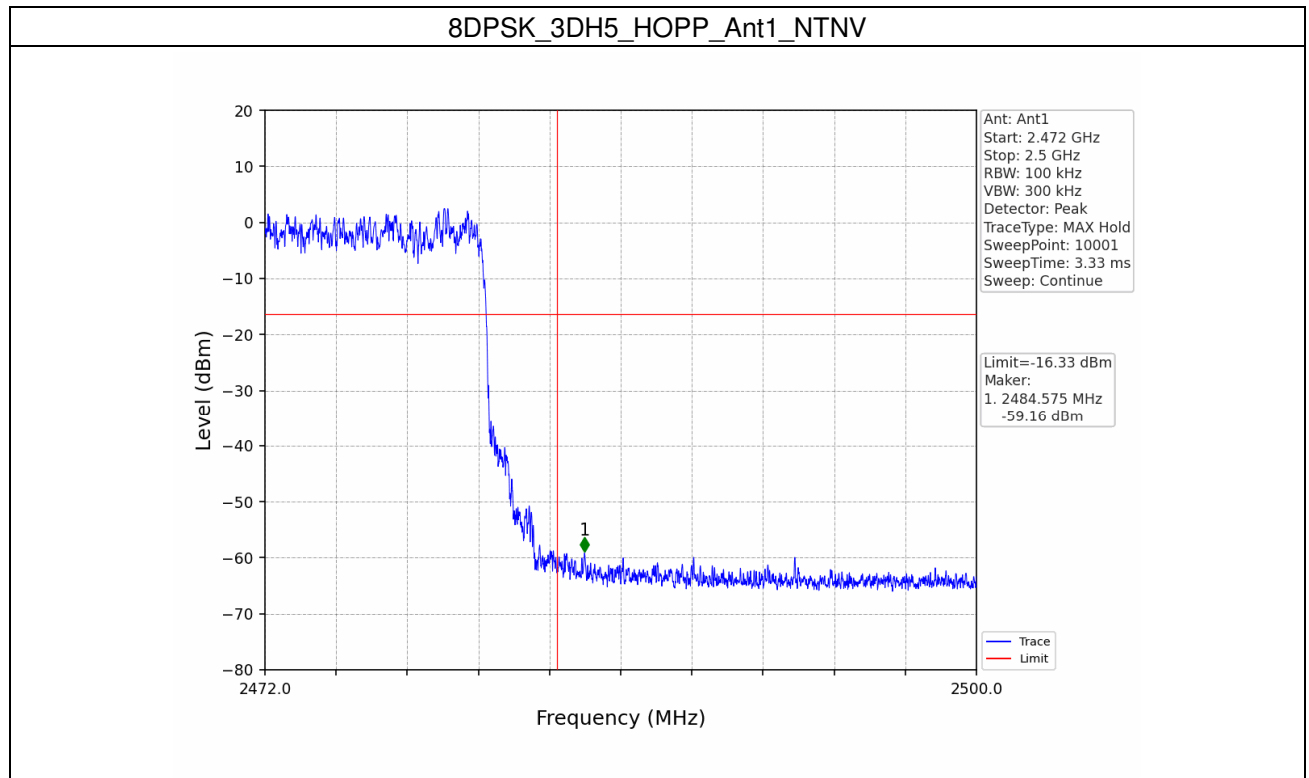


8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV





- End of the Report -