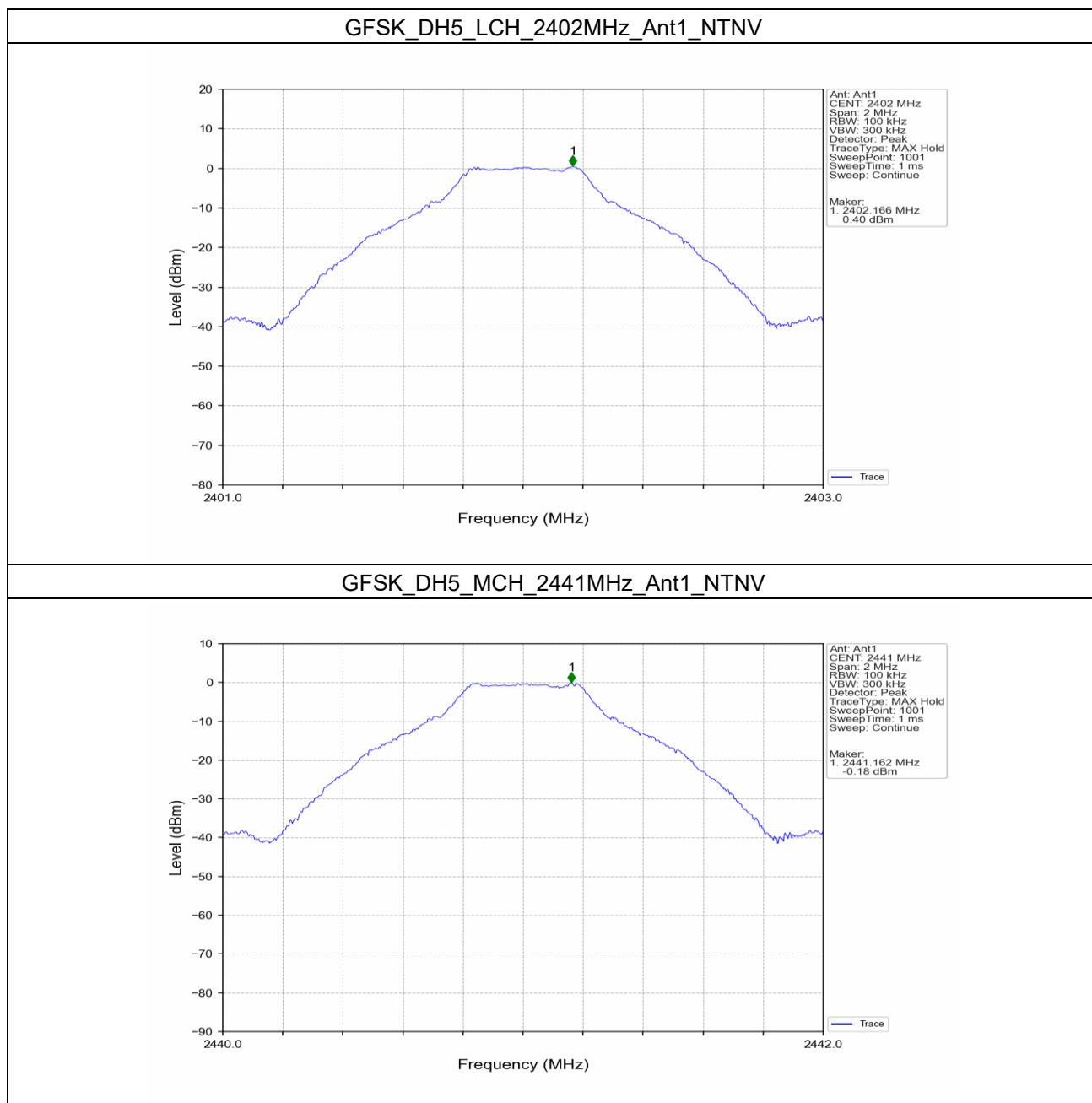


7.2 Test Graph

7.2.1 Ref



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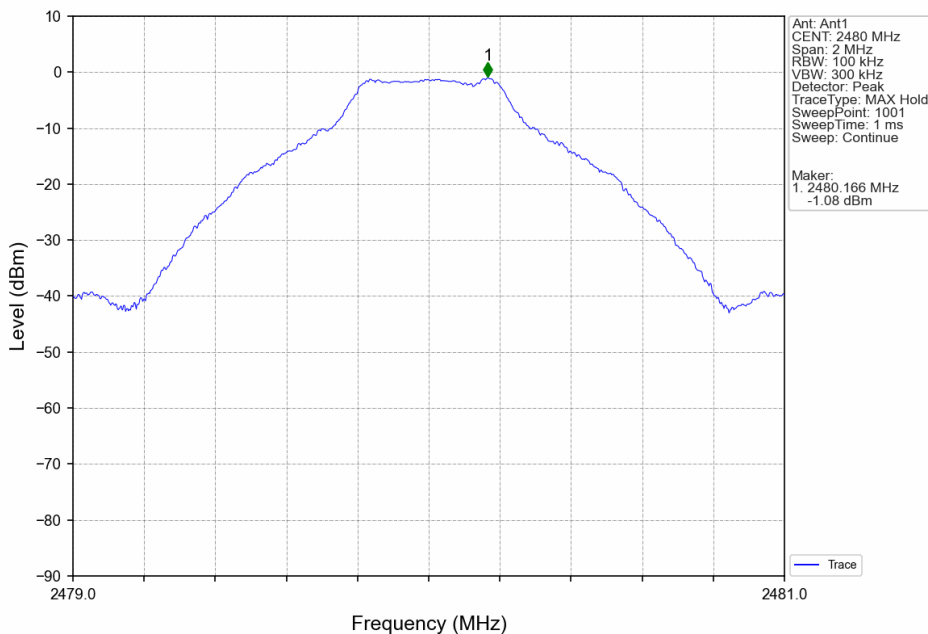
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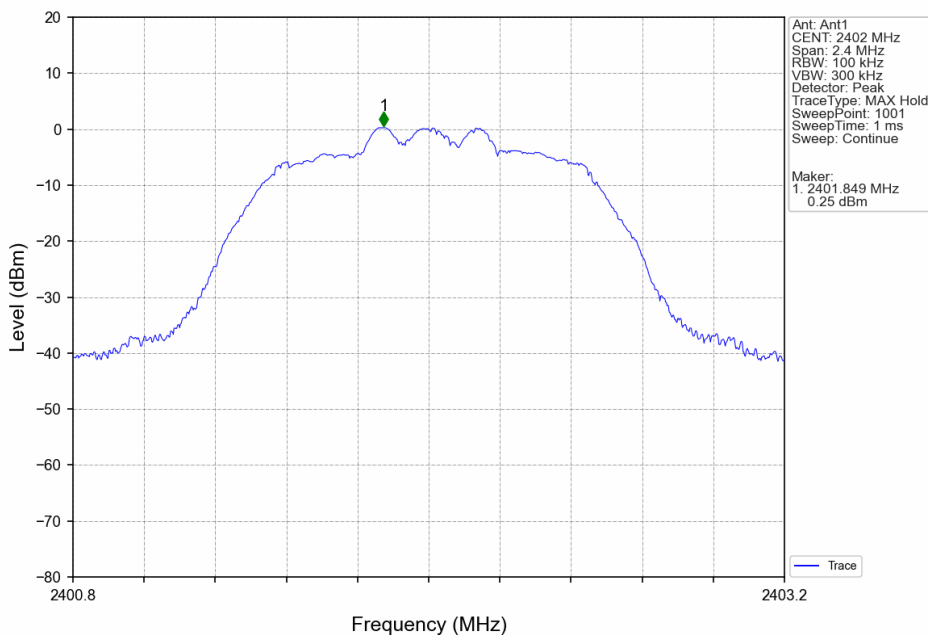
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GFSK_DH5_HCH_2480MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



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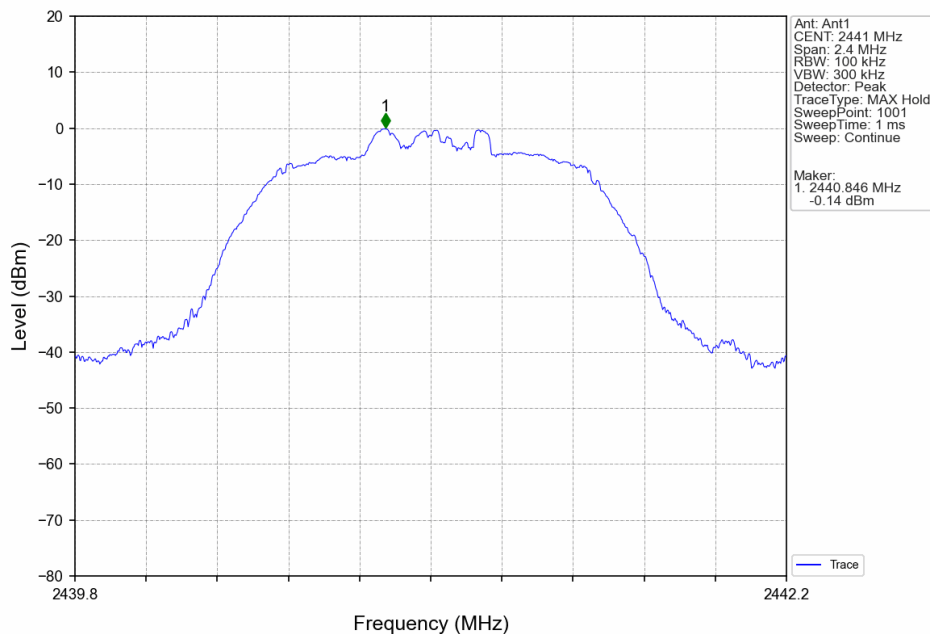
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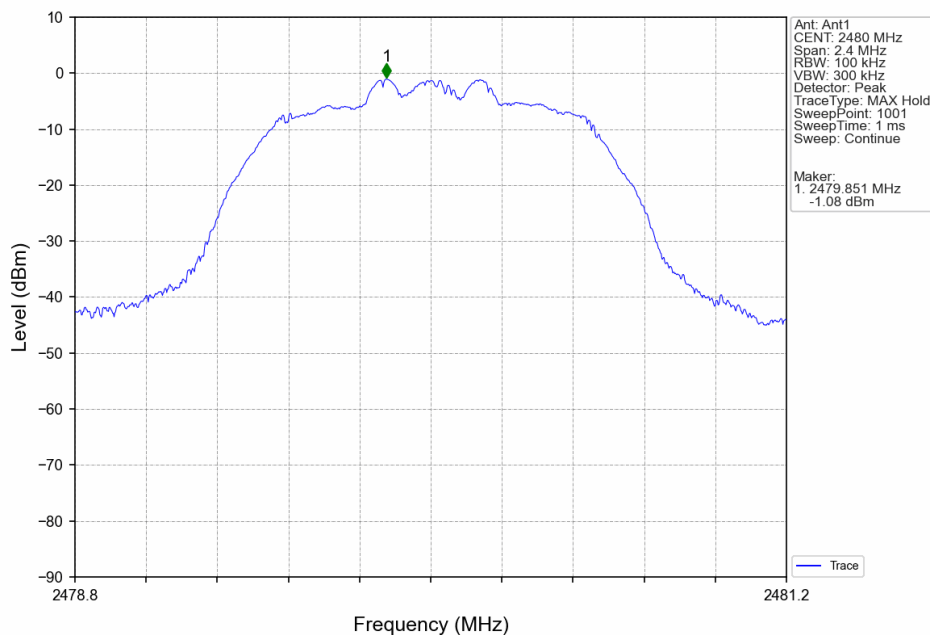
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Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



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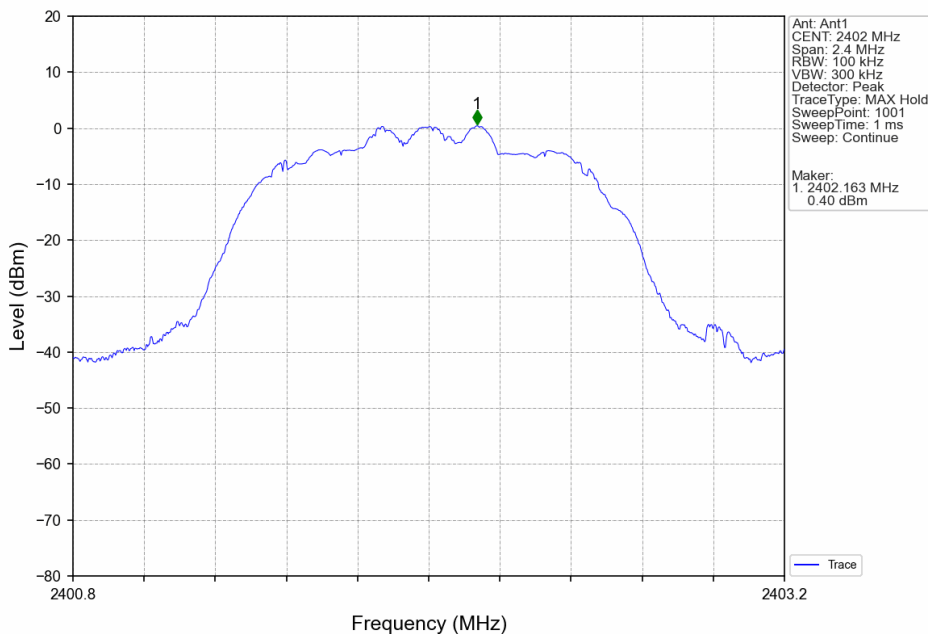
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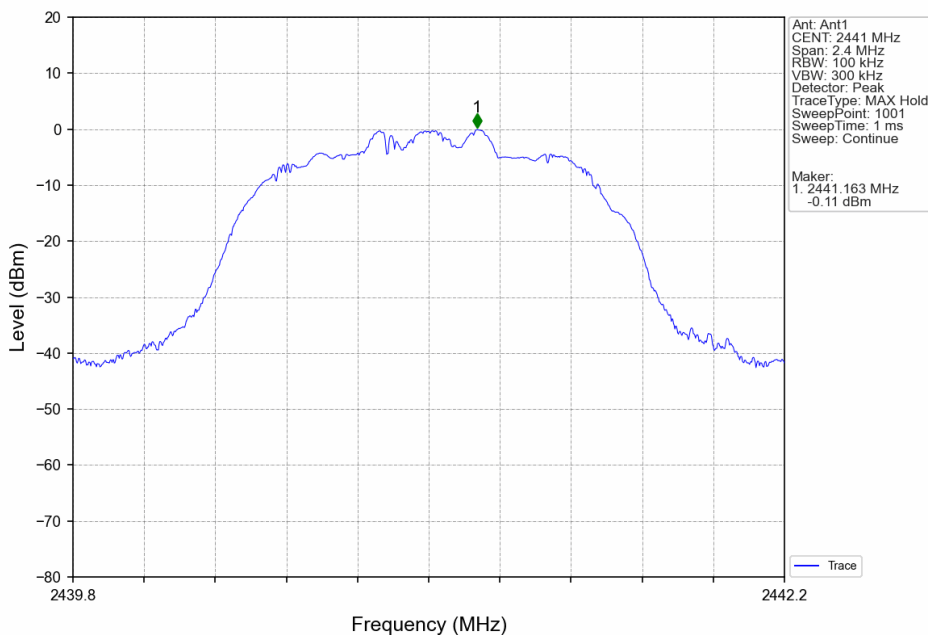
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8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



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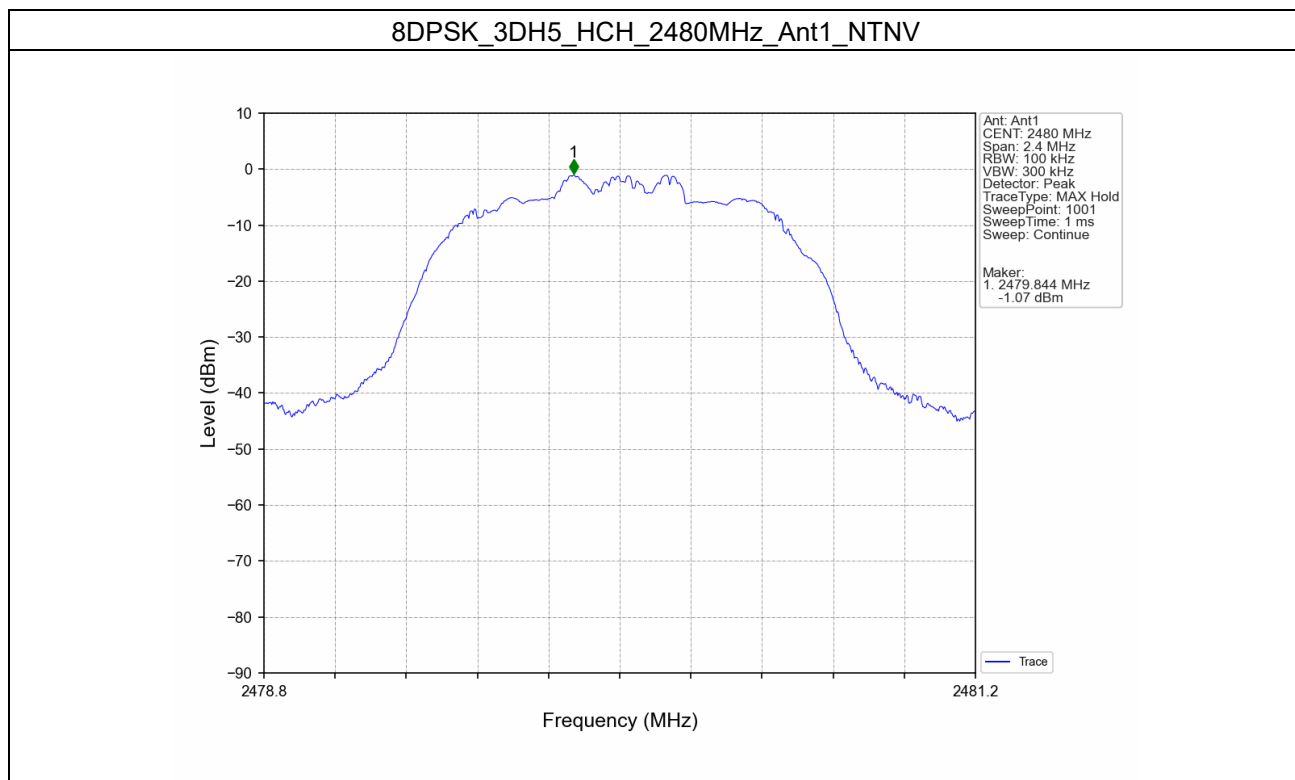
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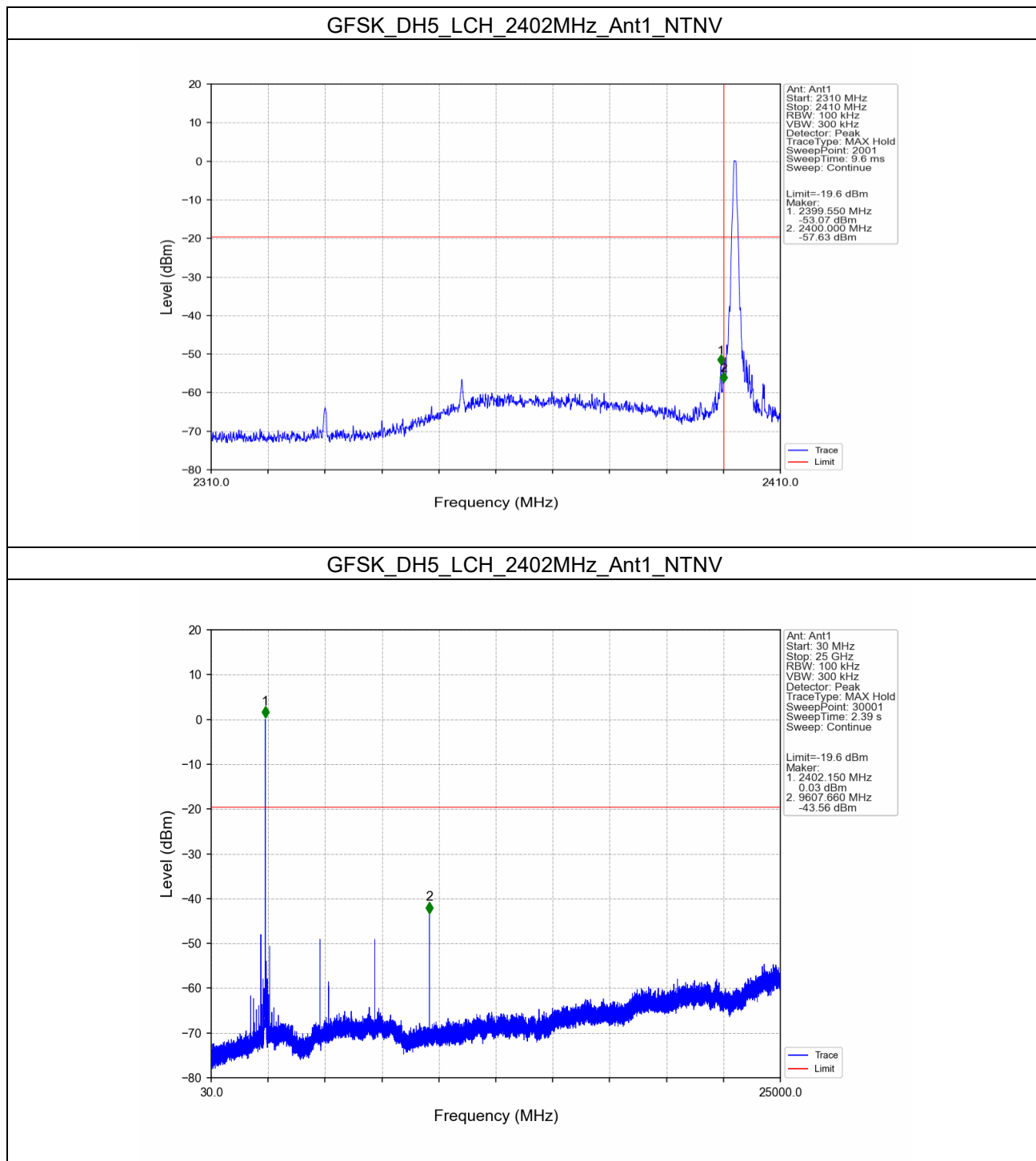
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7.2.2 CSE



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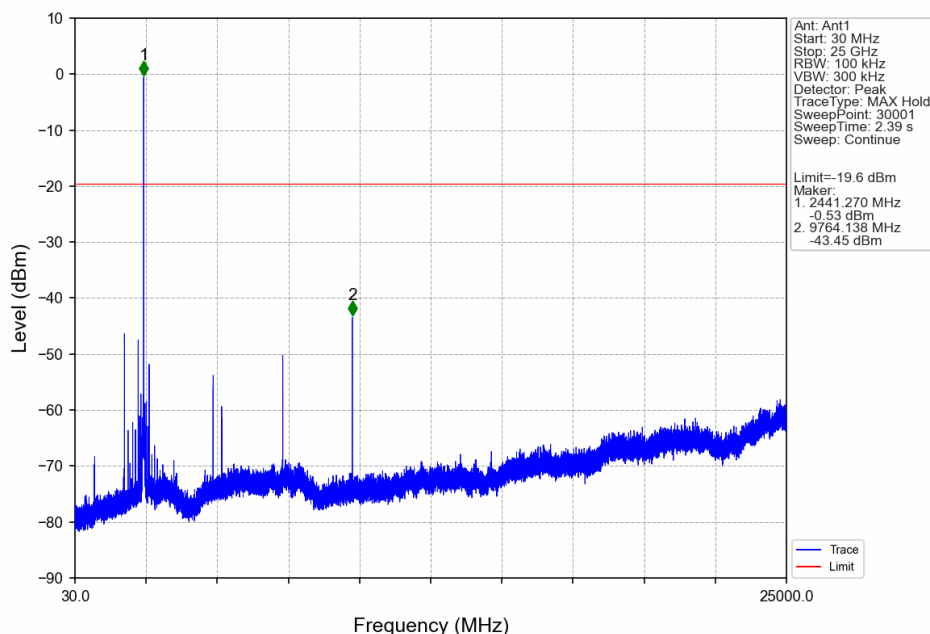
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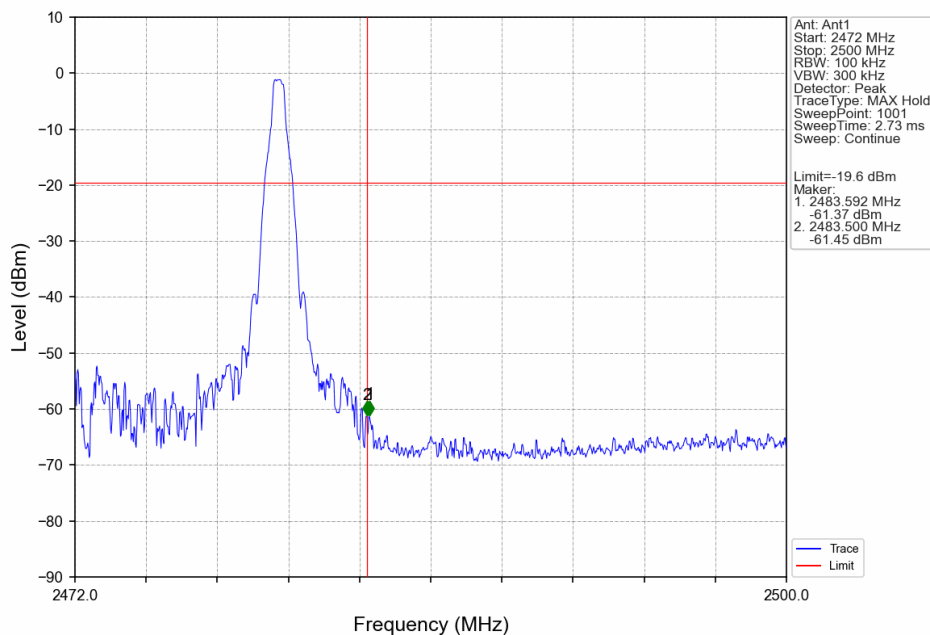
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GFSK_DH5_MCH_2441MHz_Ant1_NTNV



GFSK_DH5_HCH_2480MHz_Ant1_NTNV



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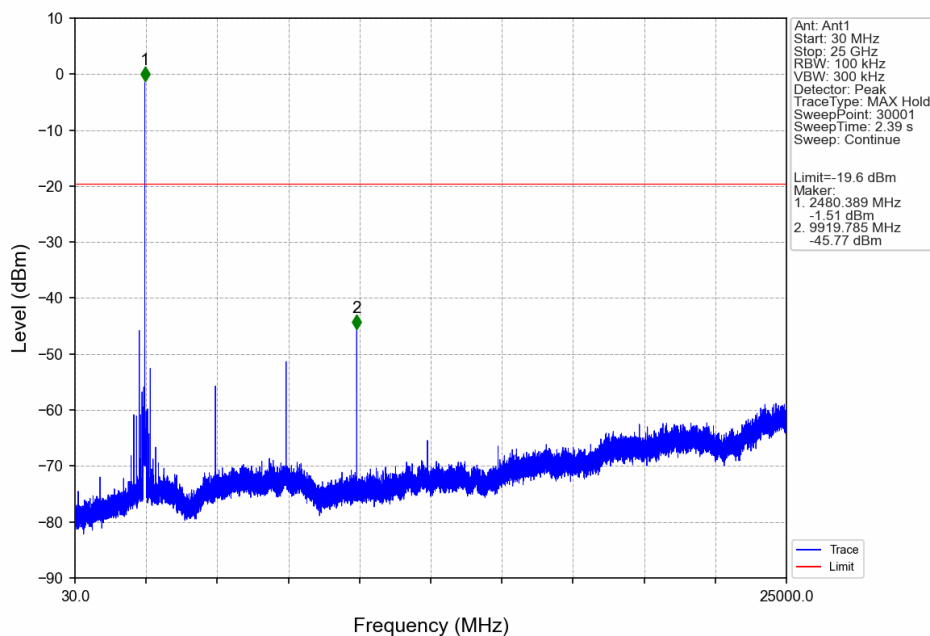
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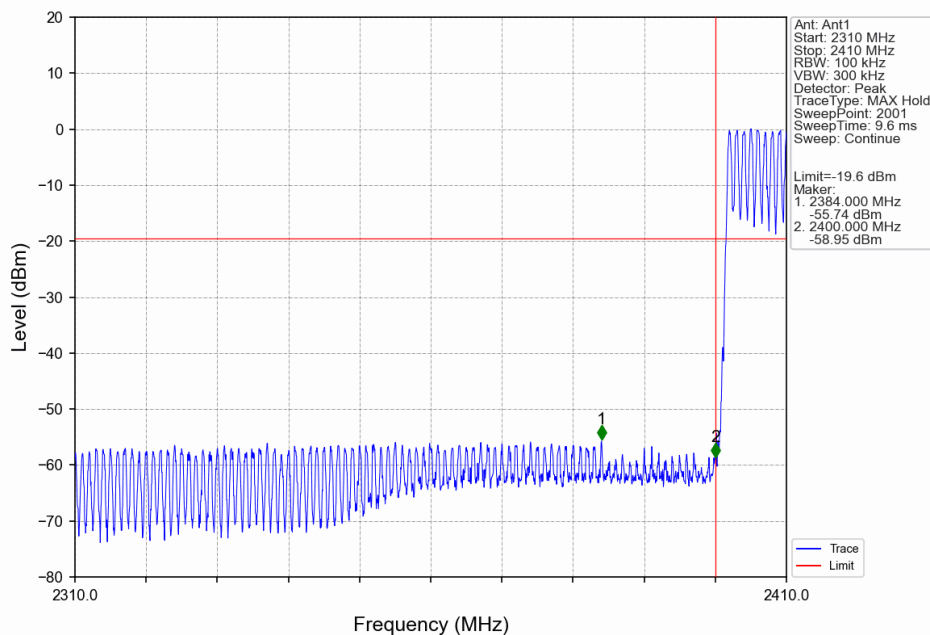
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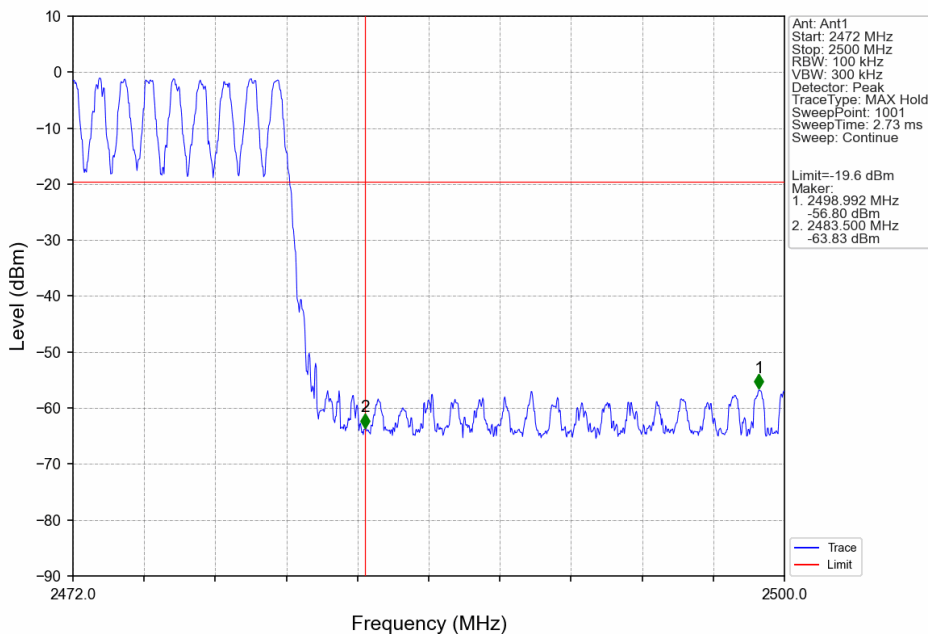
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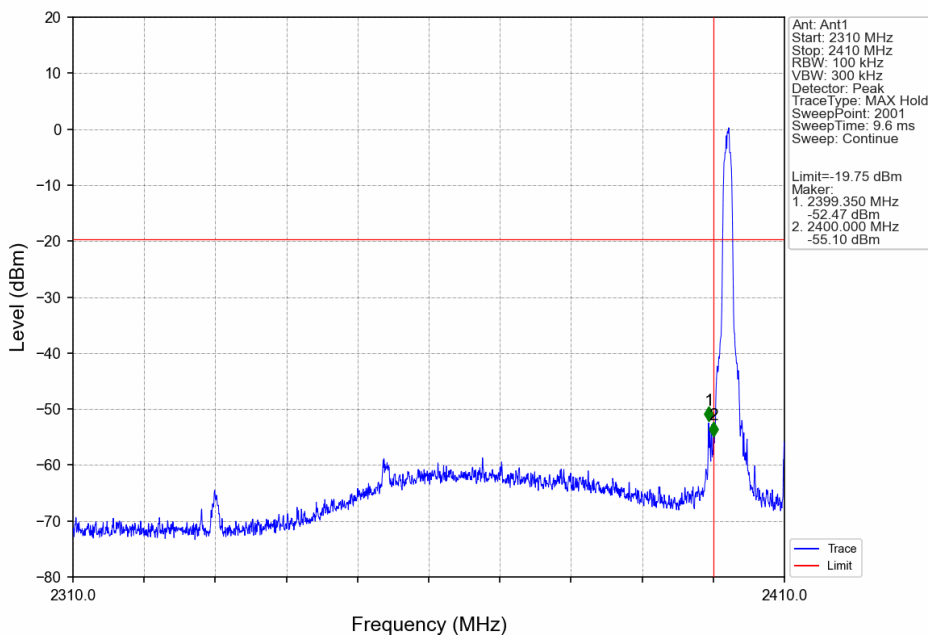
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Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



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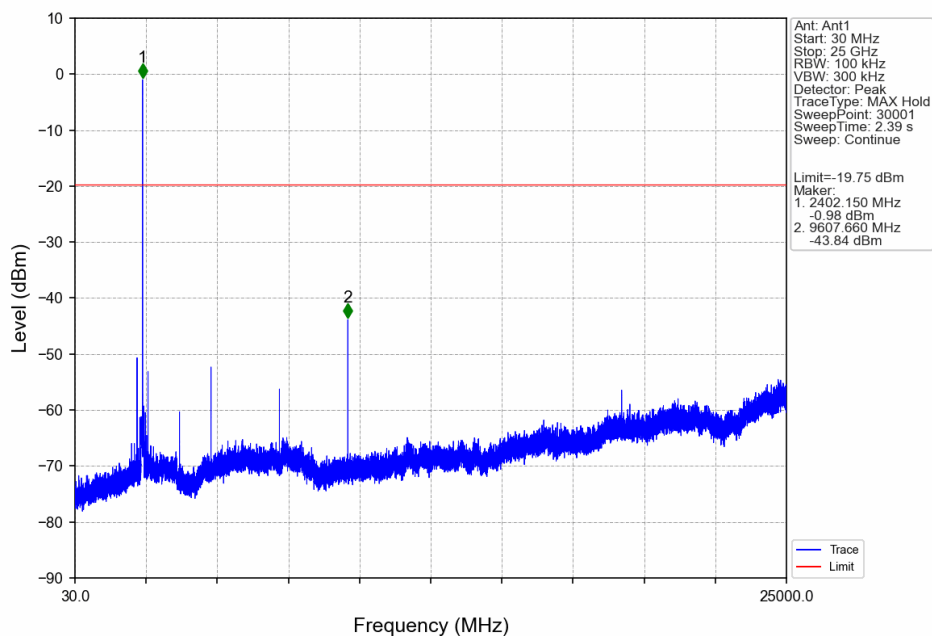
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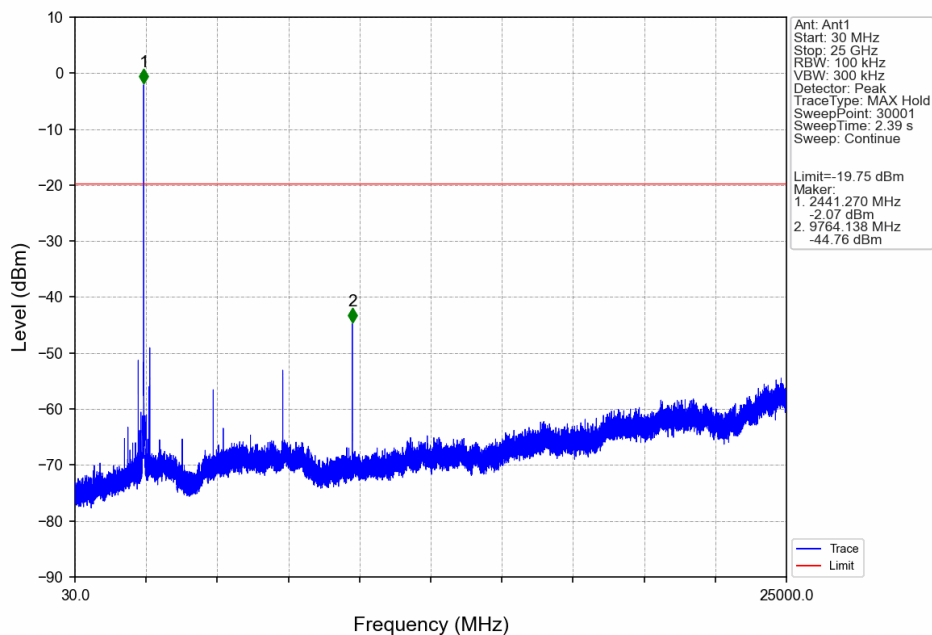
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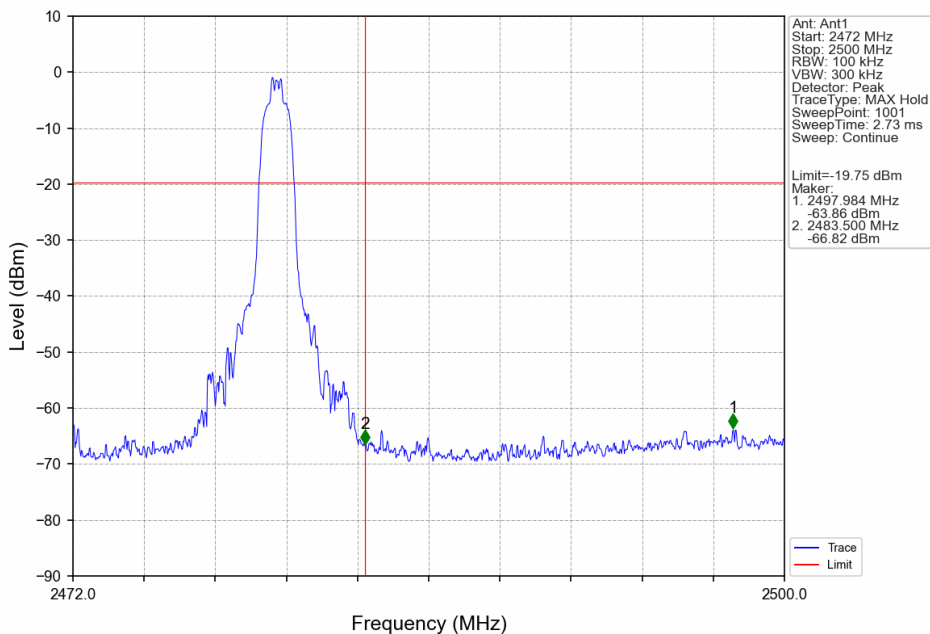
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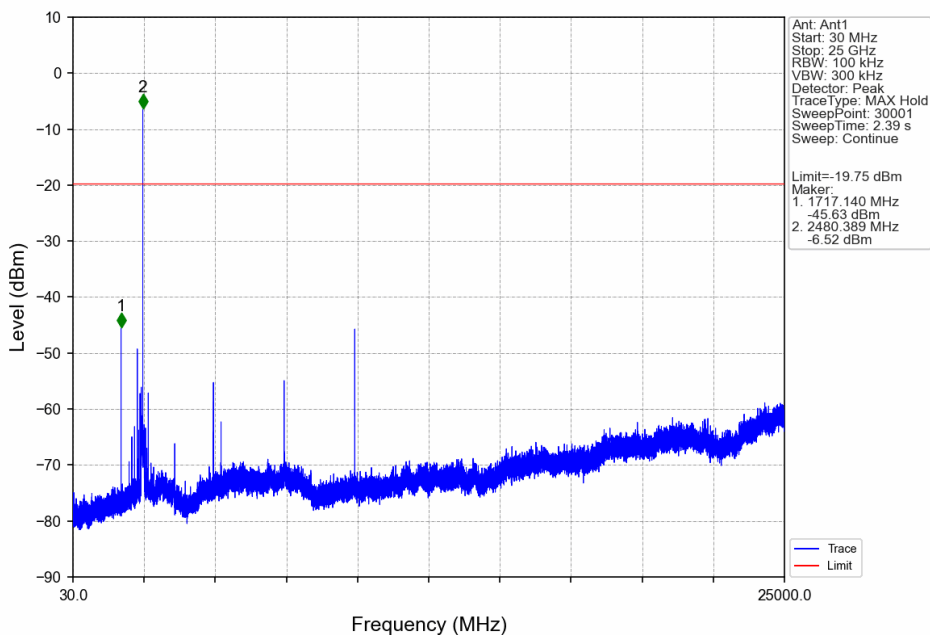
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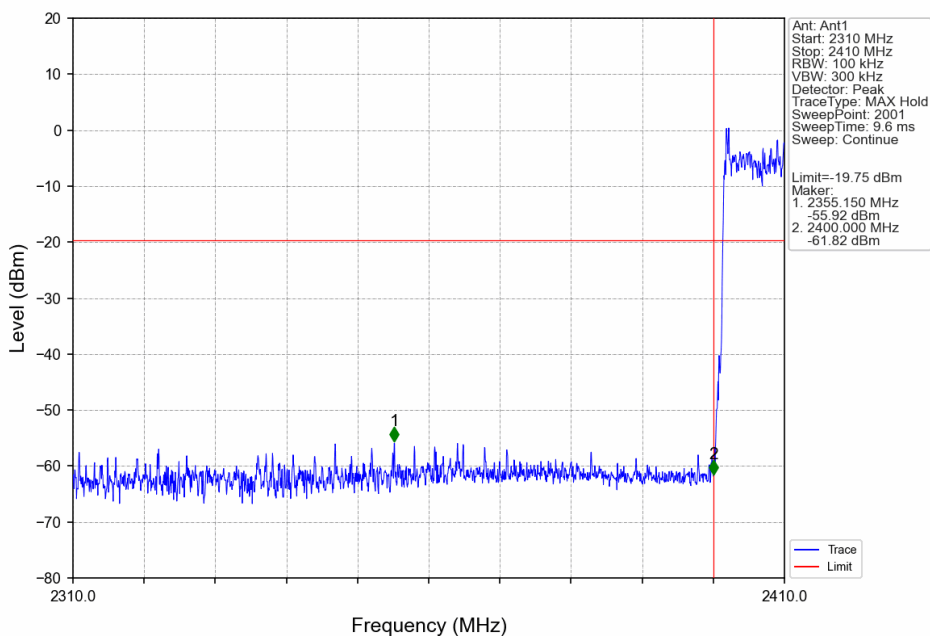
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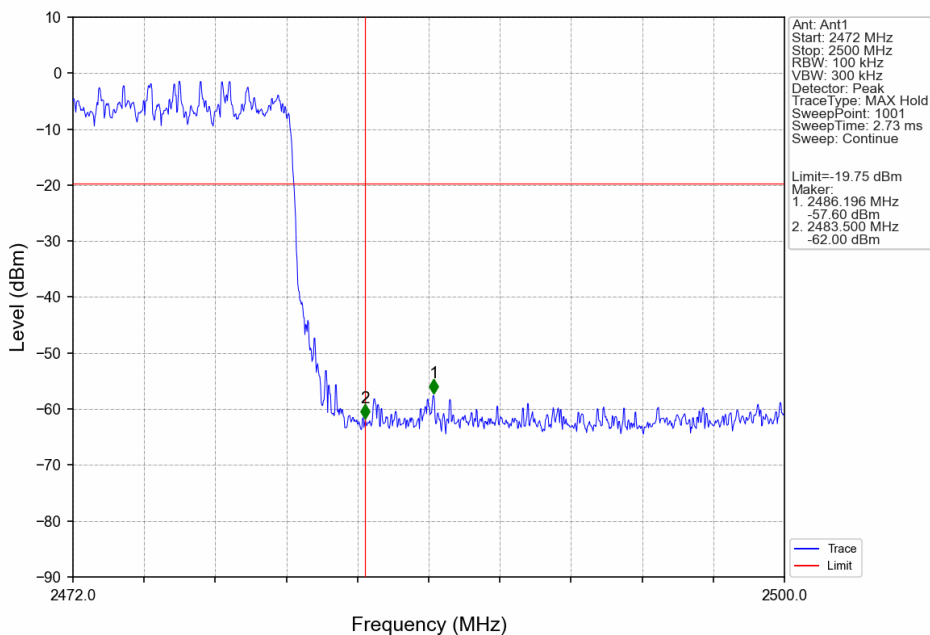
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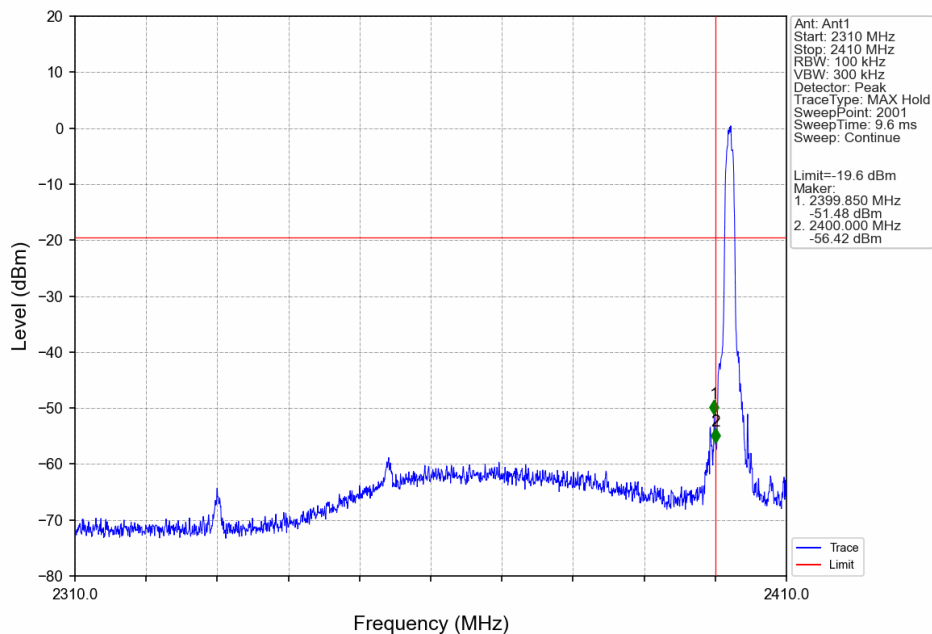
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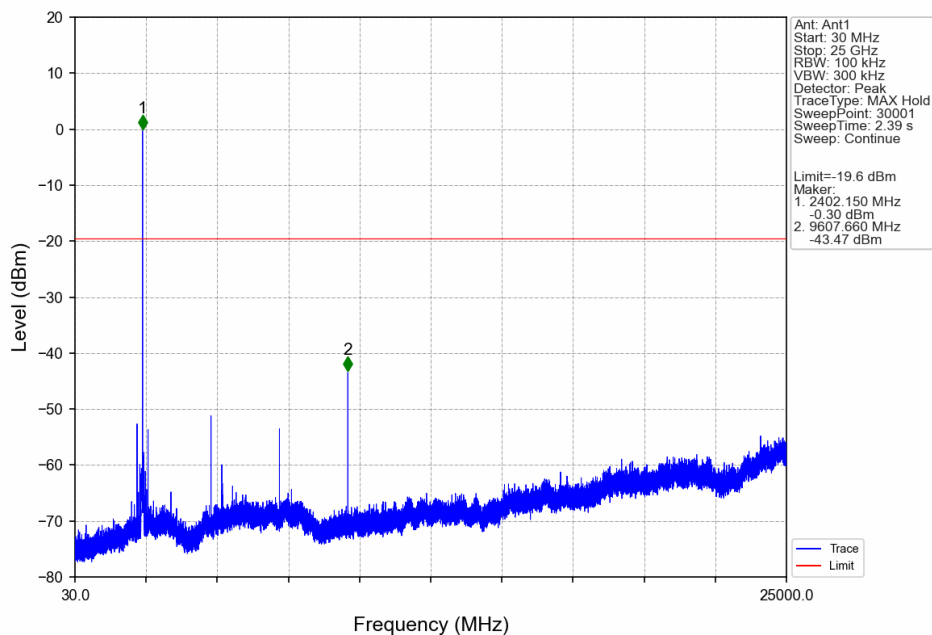
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8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



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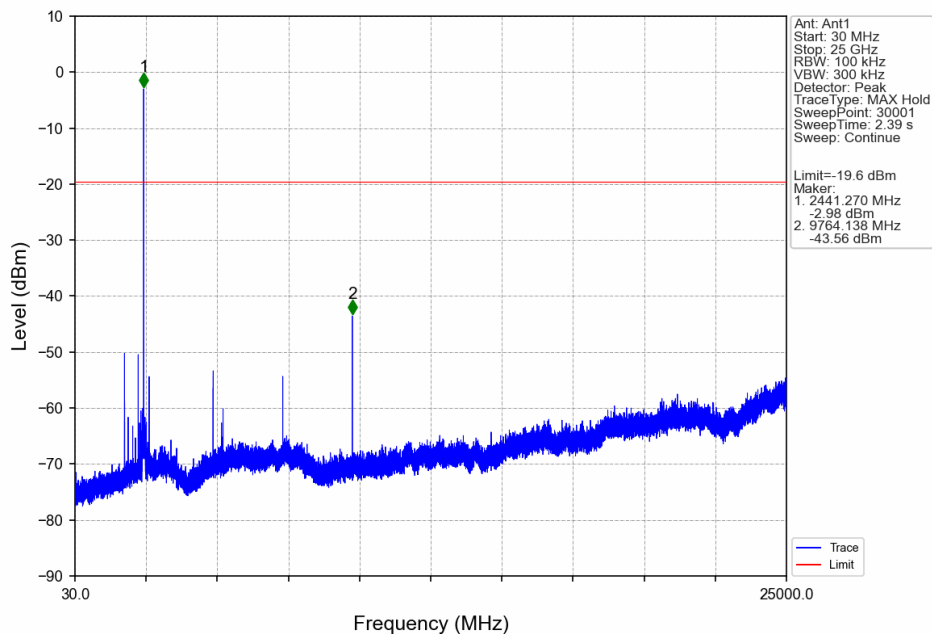
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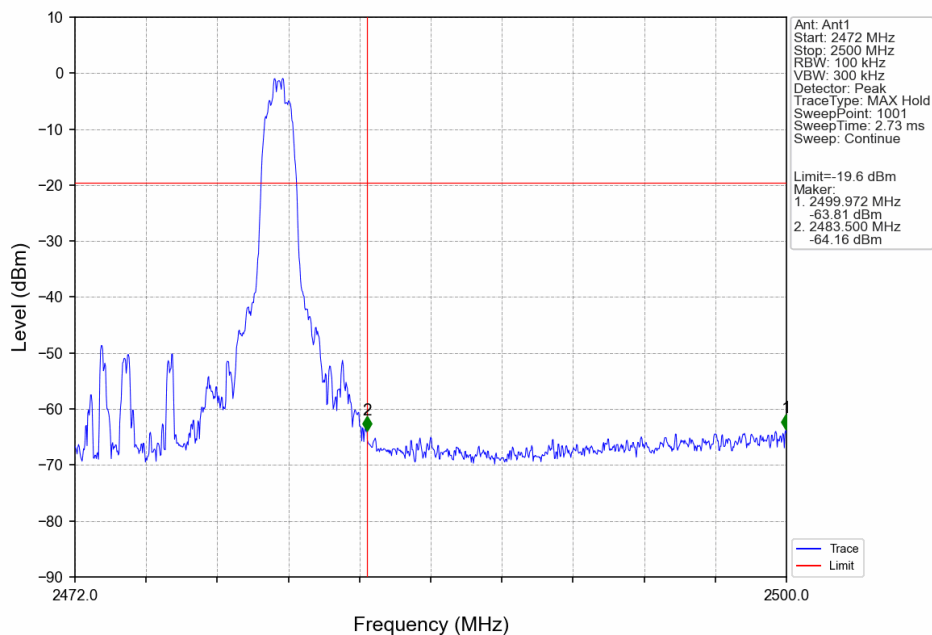
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8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV

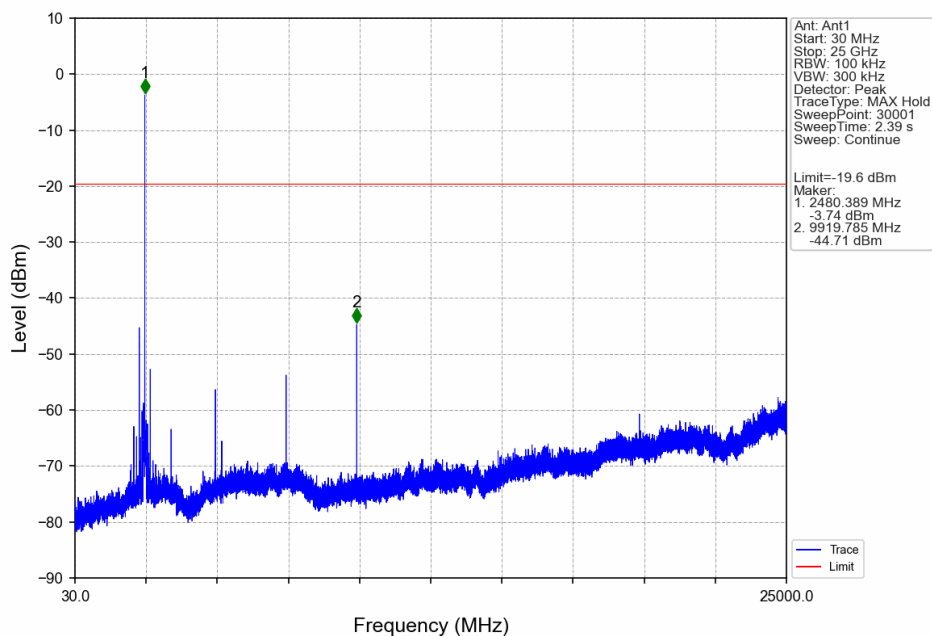


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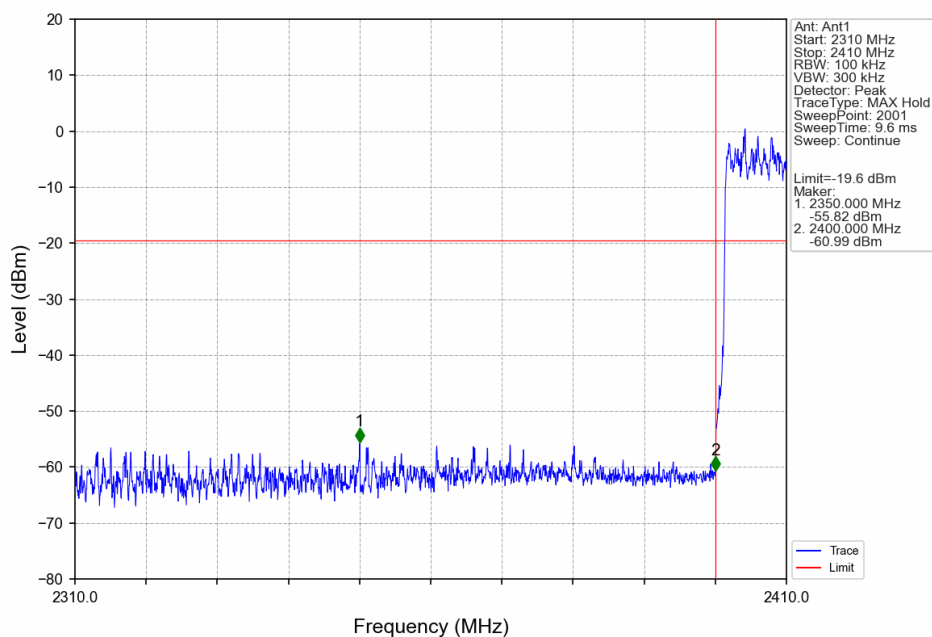
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8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV

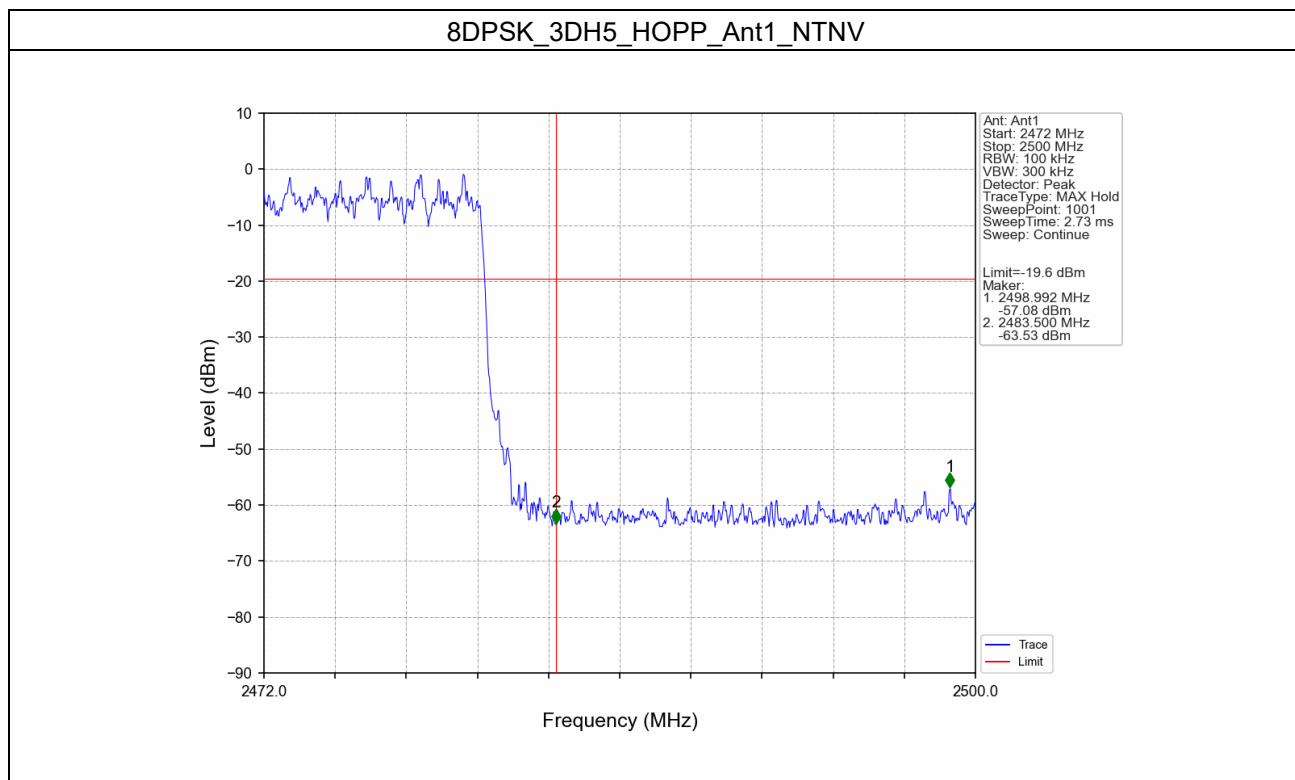


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For left earbuds:

1. Duty Cycle

1.1 Test Result

1.1.1 Ant1

Ant1								
Mode	TX Type	Frequency (MHz)	Packet Type	T _{on} (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
GFSK	SISO	2402	DH5	2.894	3.751	77.15	1.13	0.04
		2441	DH5	2.887	3.749	77.01	1.13	0.01
		2480	DH5	2.893	3.751	77.13	1.13	0.04
Pi/4DQPSK	SISO	2402	2DH5	2.899	3.750	77.31	1.12	0.03
		2441	2DH5	2.892	3.749	77.14	1.13	0.03
		2480	2DH5	2.899	3.750	77.31	1.12	0.04
8DPSK	SISO	2402	3DH5	2.900	3.750	77.33	1.12	0.03
		2441	3DH5	2.900	3.751	77.31	1.12	0.03
		2480	3DH5	2.900	3.749	77.35	1.12	0.03



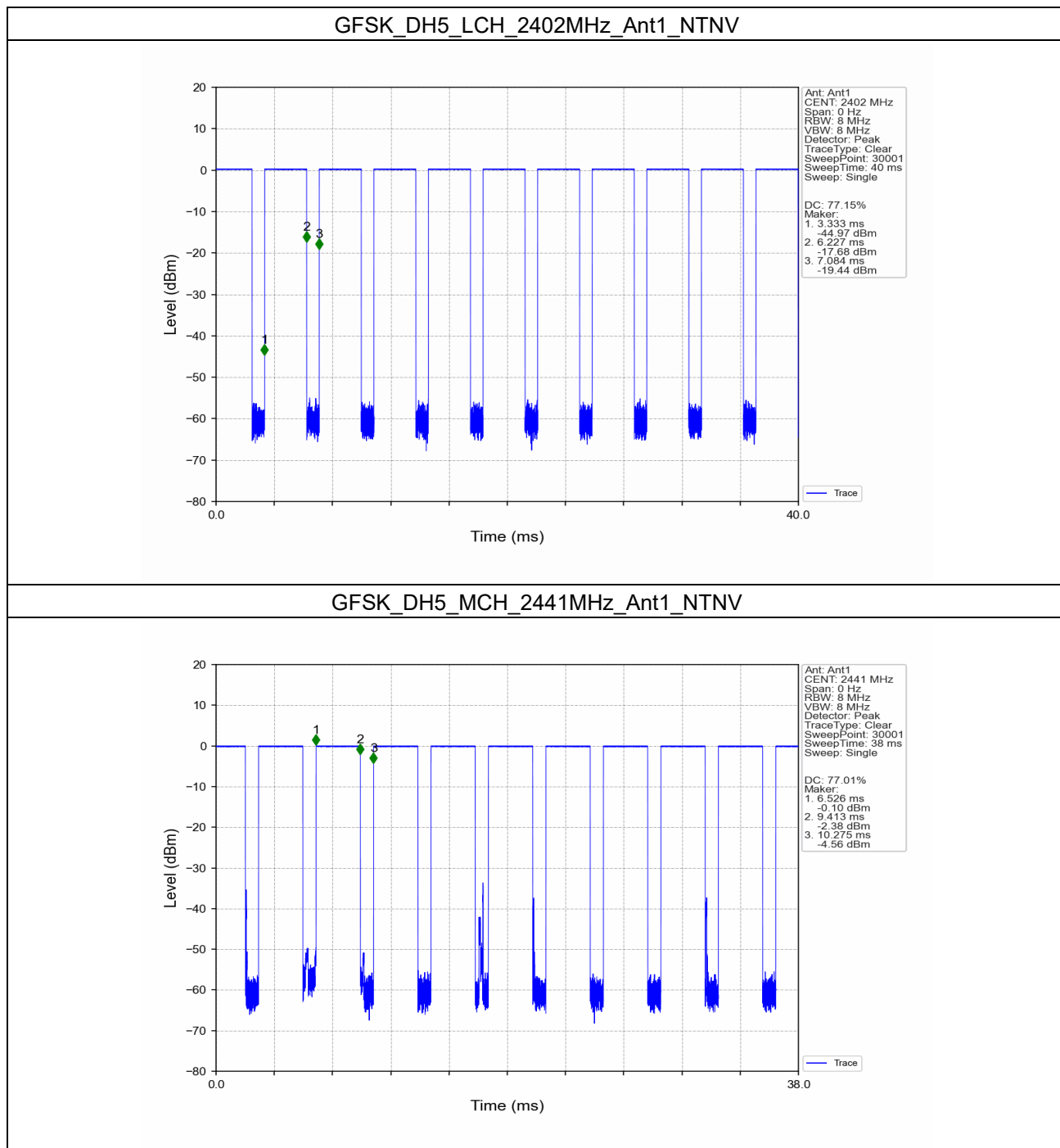
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1.2 Test Graph

1.2.1 Ant1



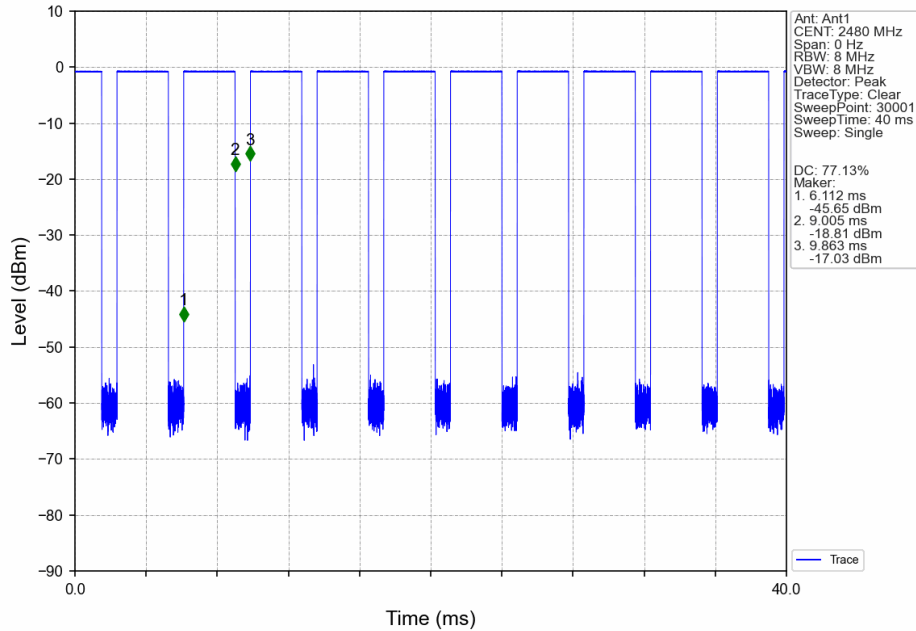
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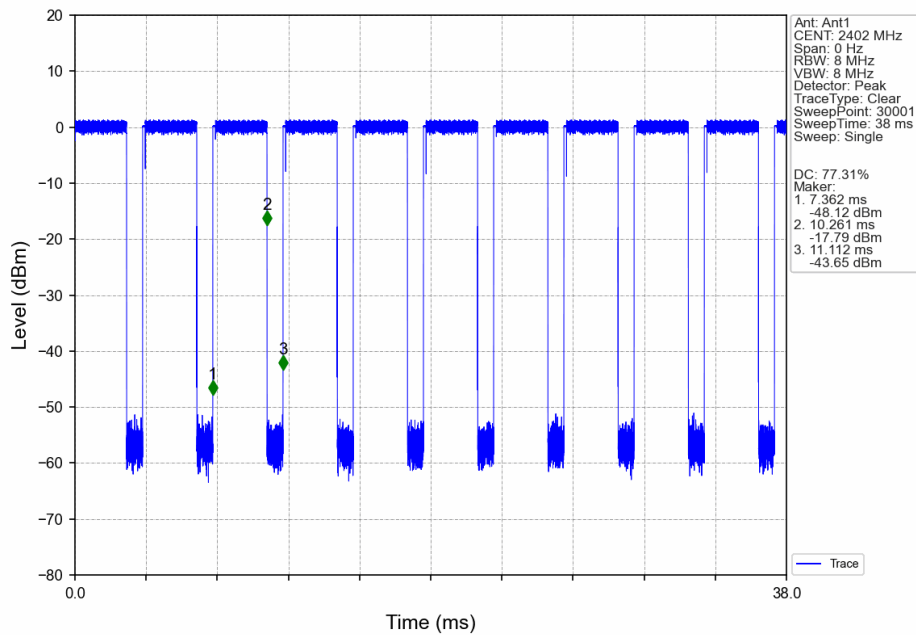
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GFSK_DH5_HCH_2480MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



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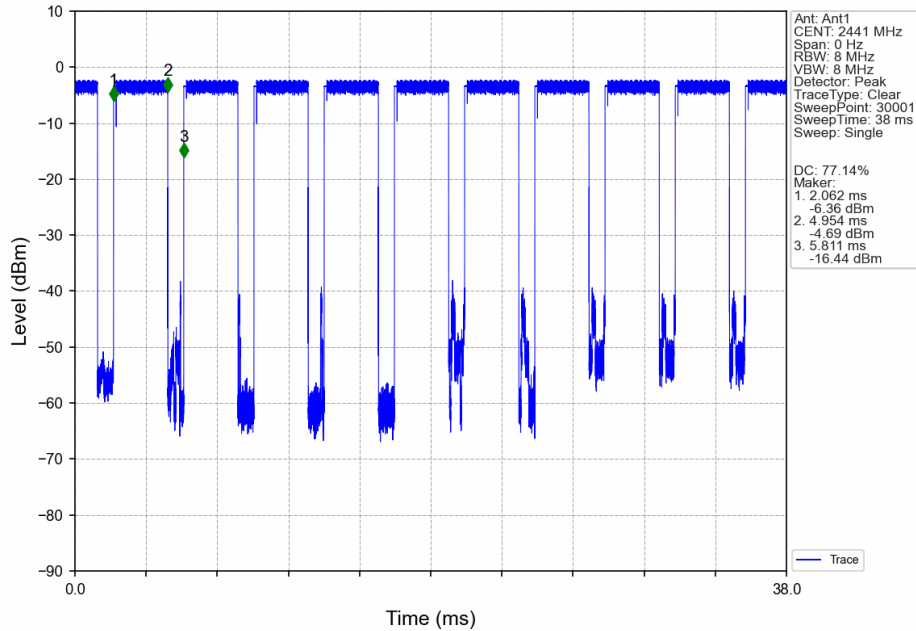
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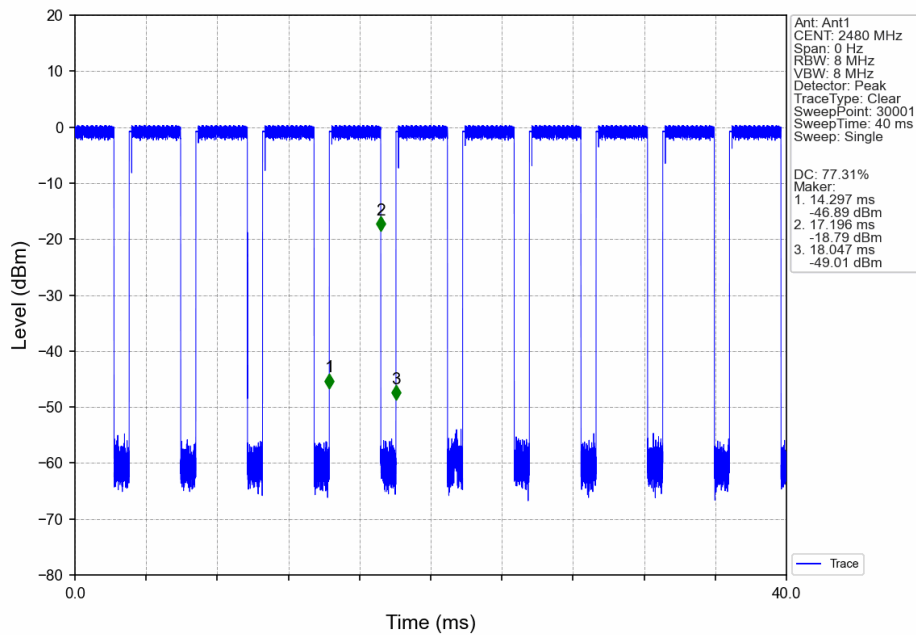
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Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



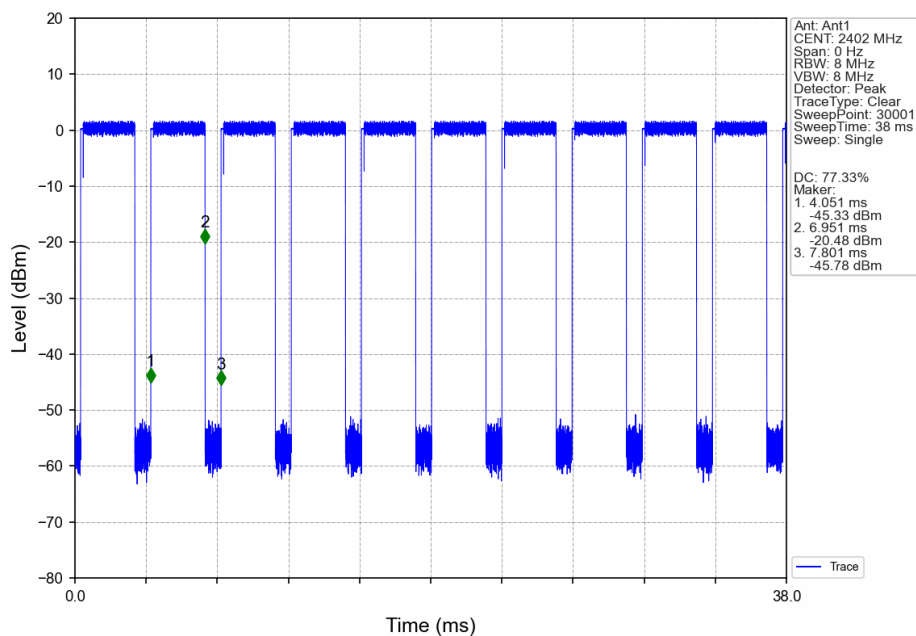
Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



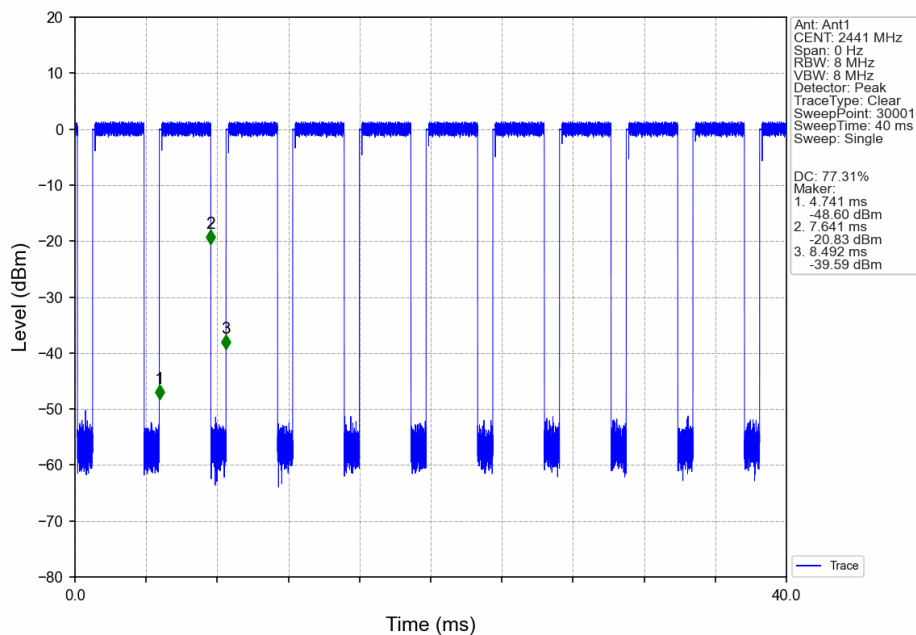
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8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



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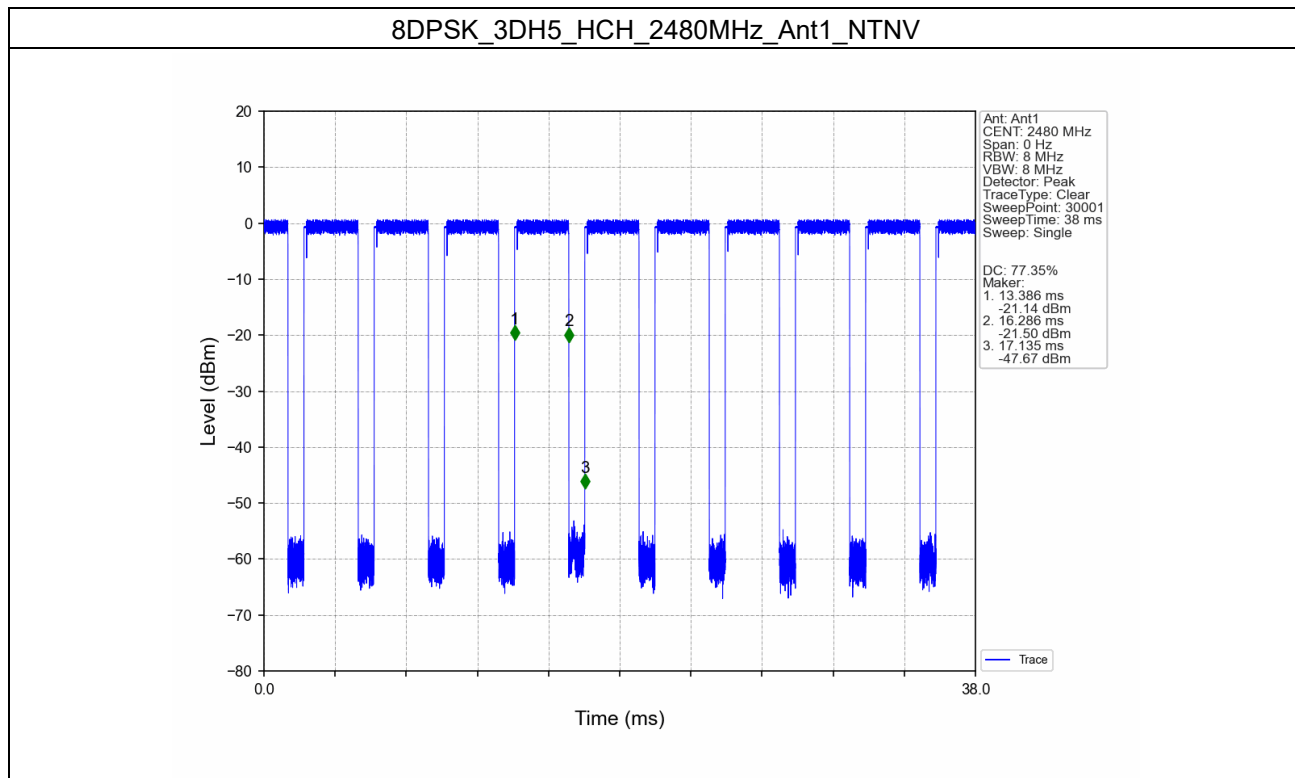
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2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	99% Occupied Bandwidth (MHz)		Verdict
					Result	Limit	
GFSK	SISO	2402	DH5	1	0.879	/	Pass
		2441	DH5	1	0.879	/	Pass
		2480	DH5	1	0.870	/	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.188	/	Pass
		2441	2DH5	1	1.180	/	Pass
		2480	2DH5	1	1.187	/	Pass
8DPSK	SISO	2402	3DH5	1	1.194	/	Pass
		2441	3DH5	1	1.197	/	Pass
		2480	3DH5	1	1.196	/	Pass

2.1.2 20dB BW

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	20dB Bandwidth (MHz)		Verdict
					Result	Limit	
GFSK	SISO	2402	DH5	1	0.917	/	Pass
		2441	DH5	1	0.918	/	Pass
		2480	DH5	1	0.883	/	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.307	/	Pass
		2441	2DH5	1	1.310	/	Pass
		2480	2DH5	1	1.307	/	Pass
8DPSK	SISO	2402	3DH5	1	1.263	/	Pass
		2441	3DH5	1	1.266	/	Pass
		2480	3DH5	1	1.265	/	Pass



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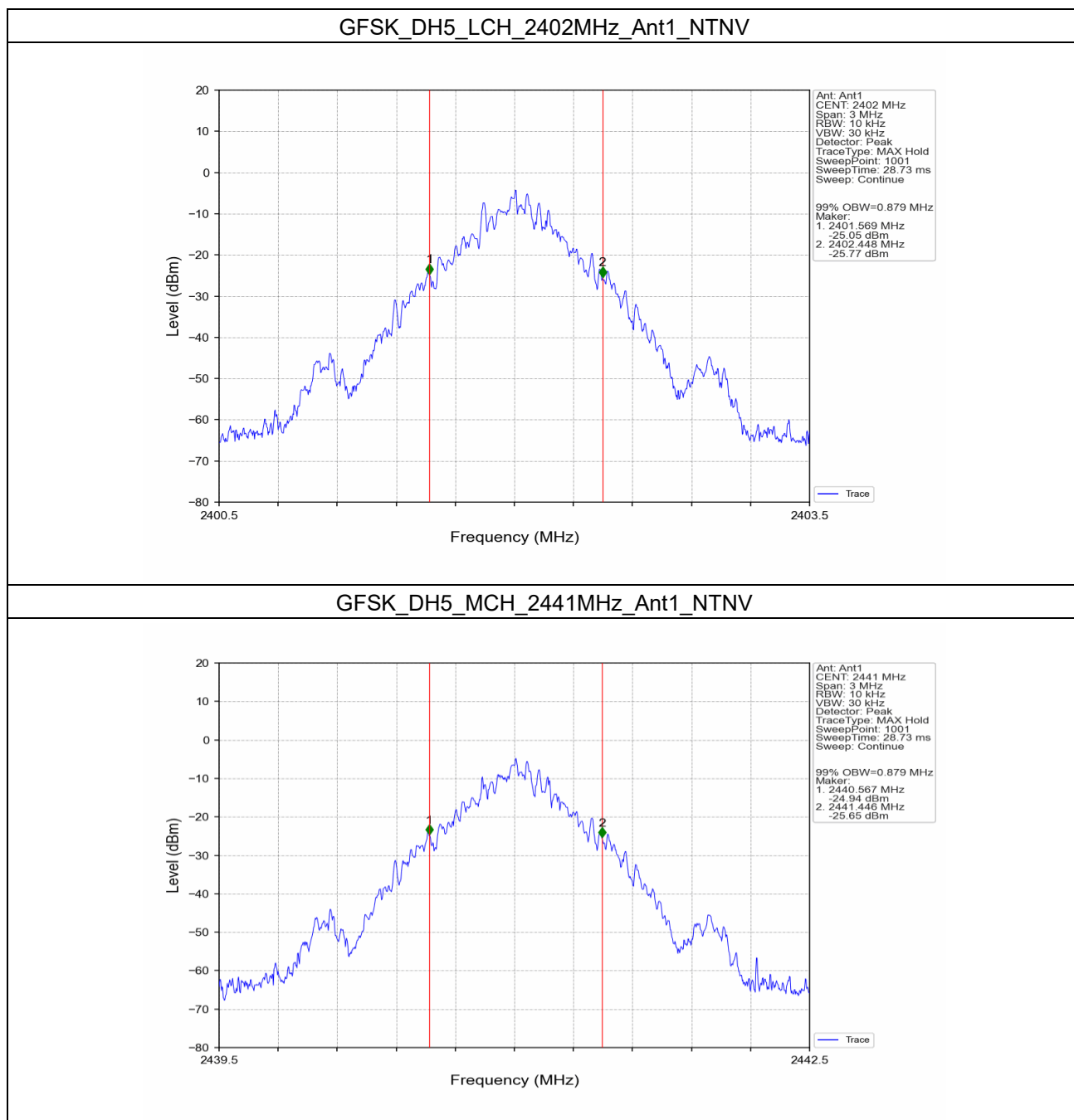
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2.2 Test Graph

2.2.1 OBW



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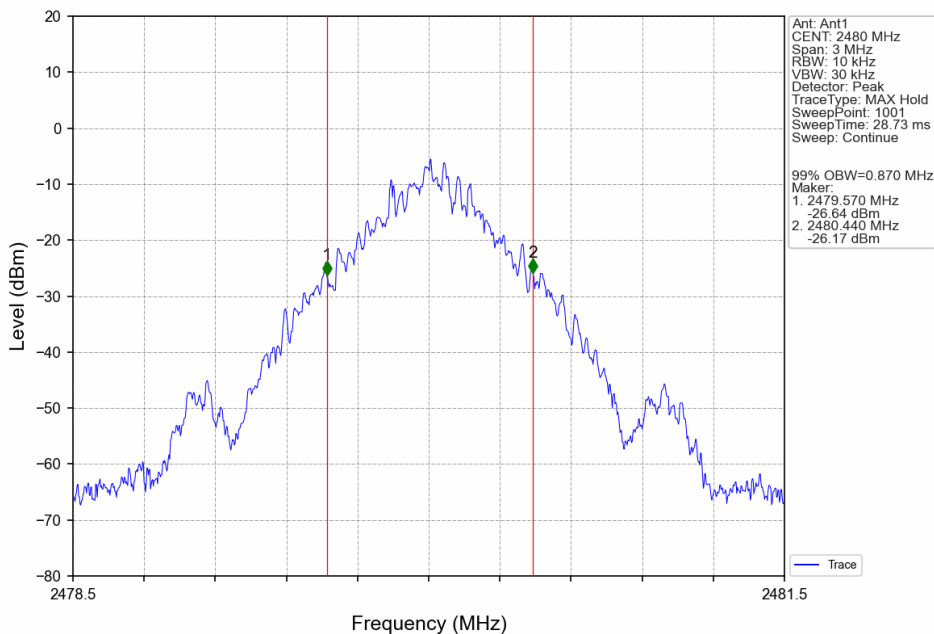
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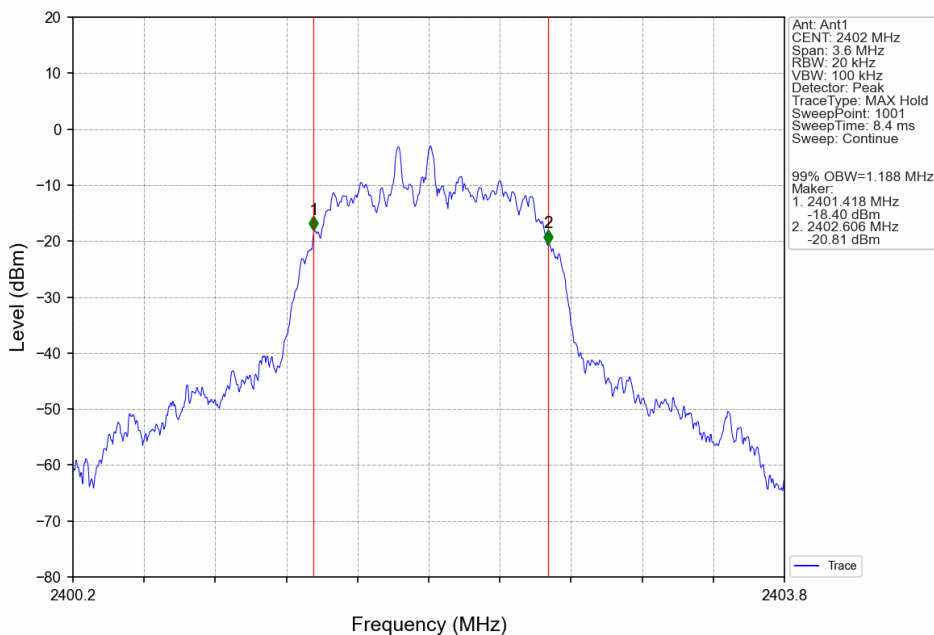
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GFSK_DH5_HCH_2480MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



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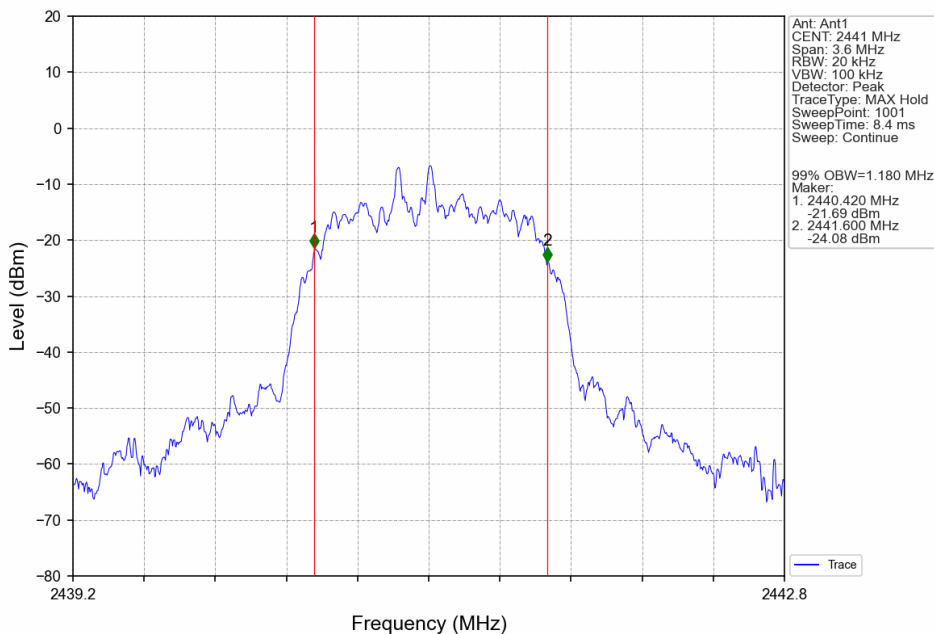
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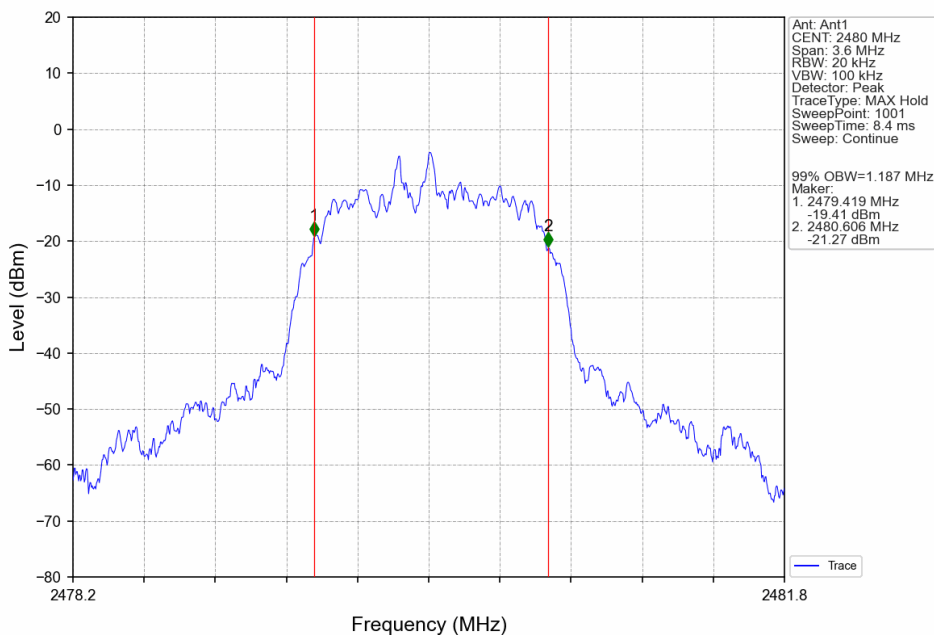
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Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



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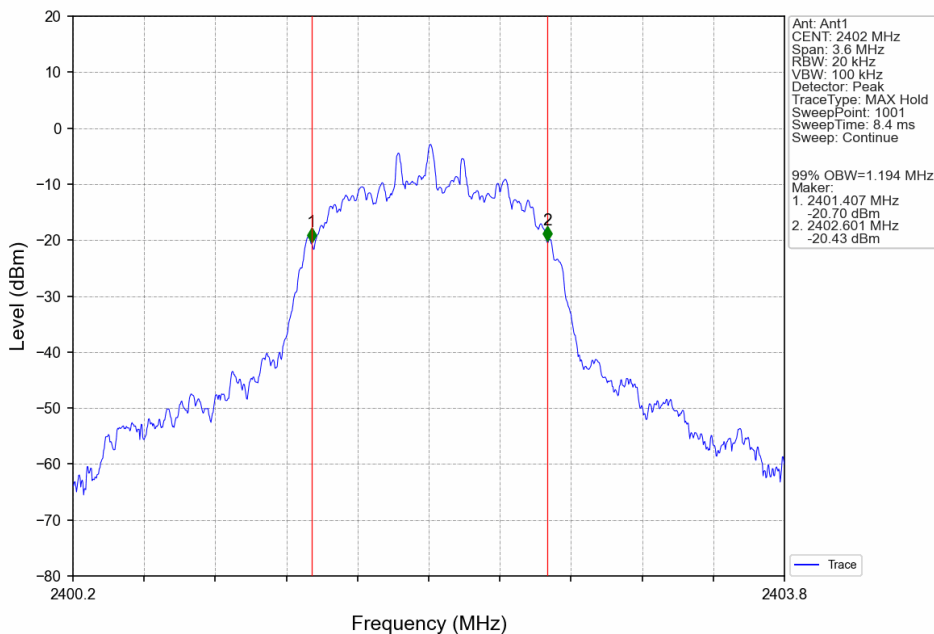
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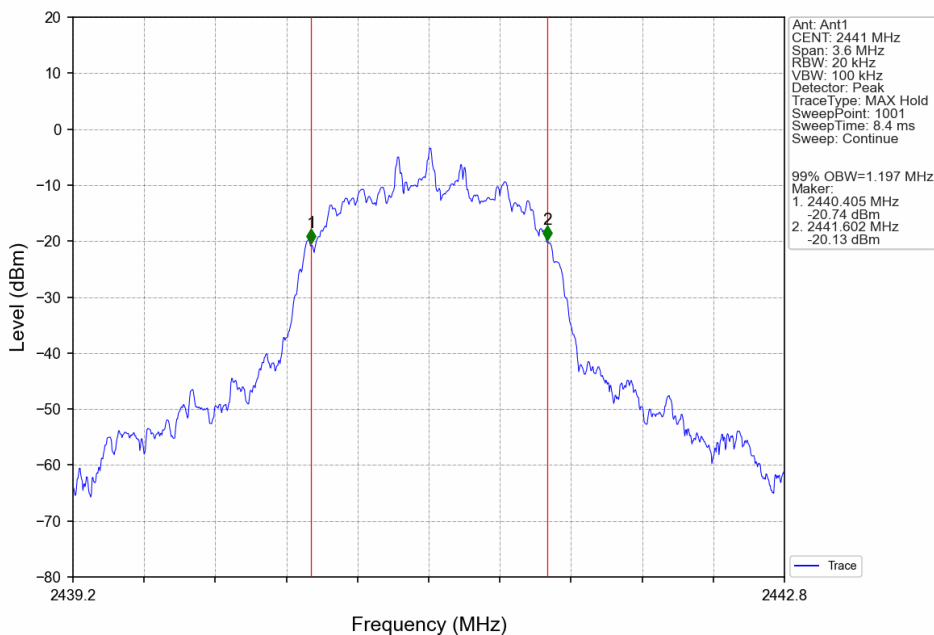
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8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



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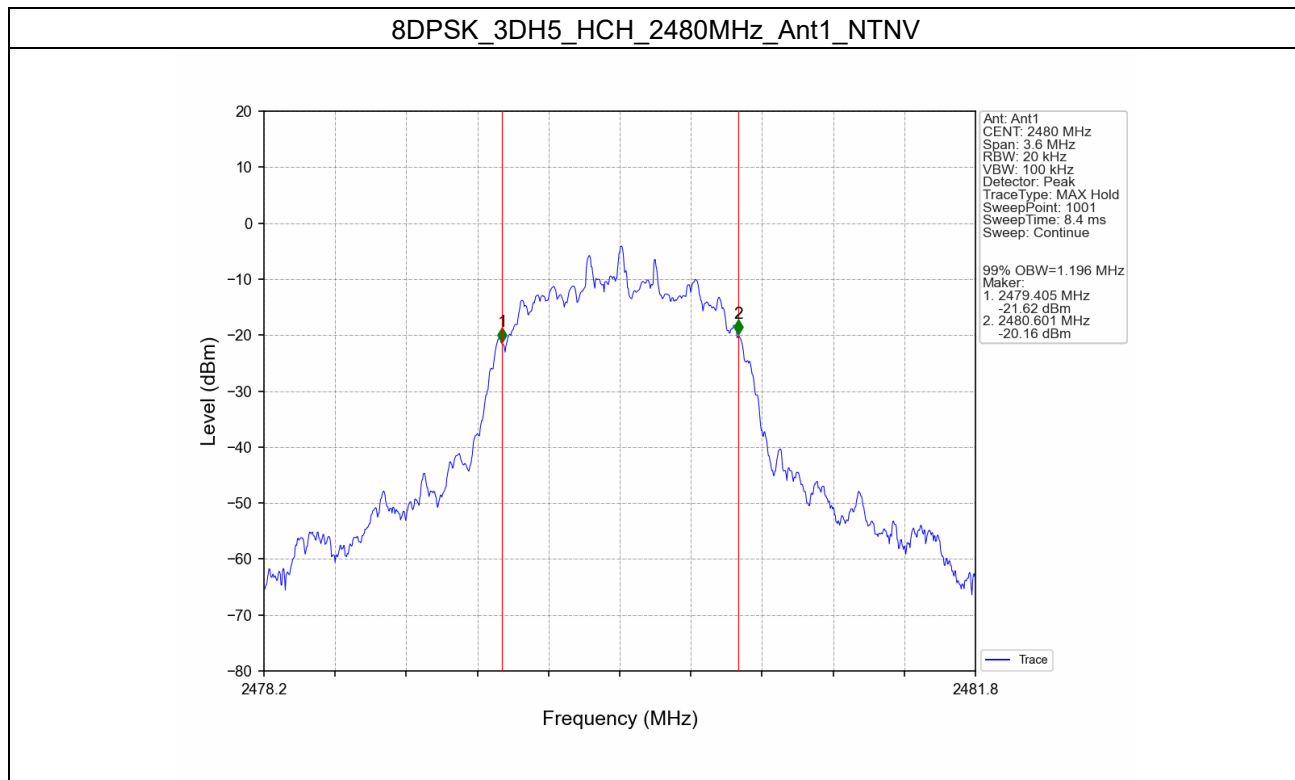
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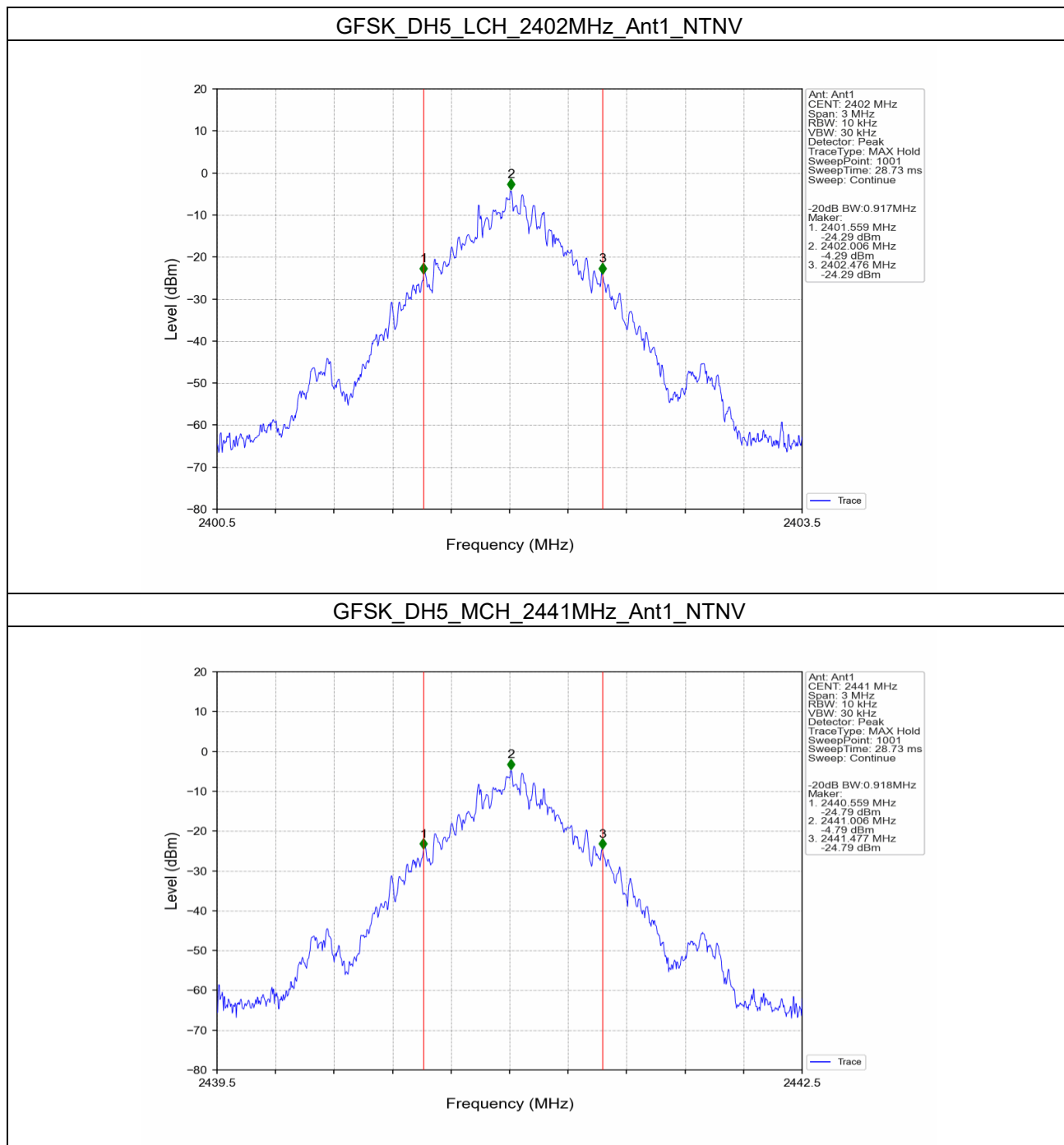
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2.2.2 20dB BW

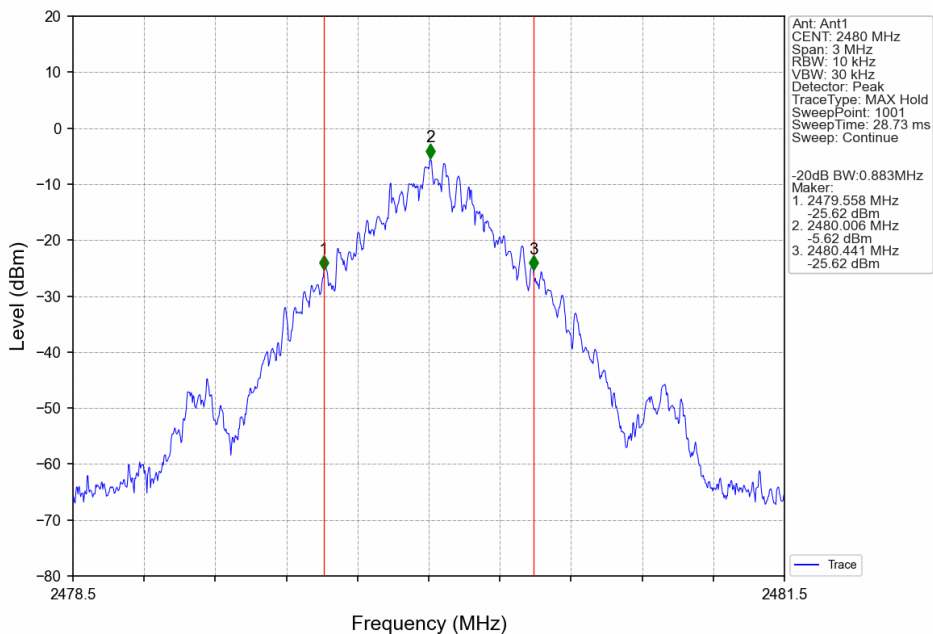


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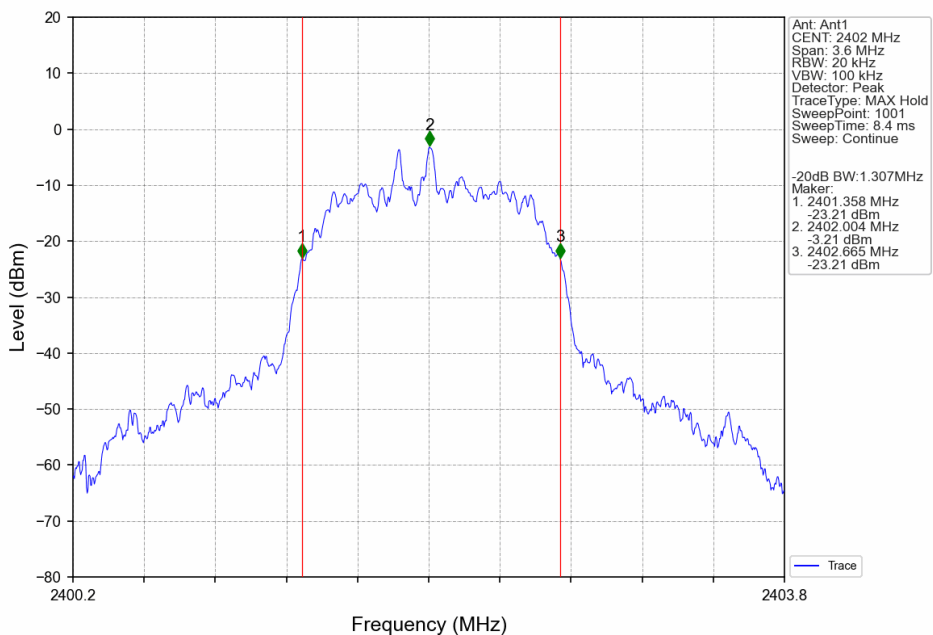
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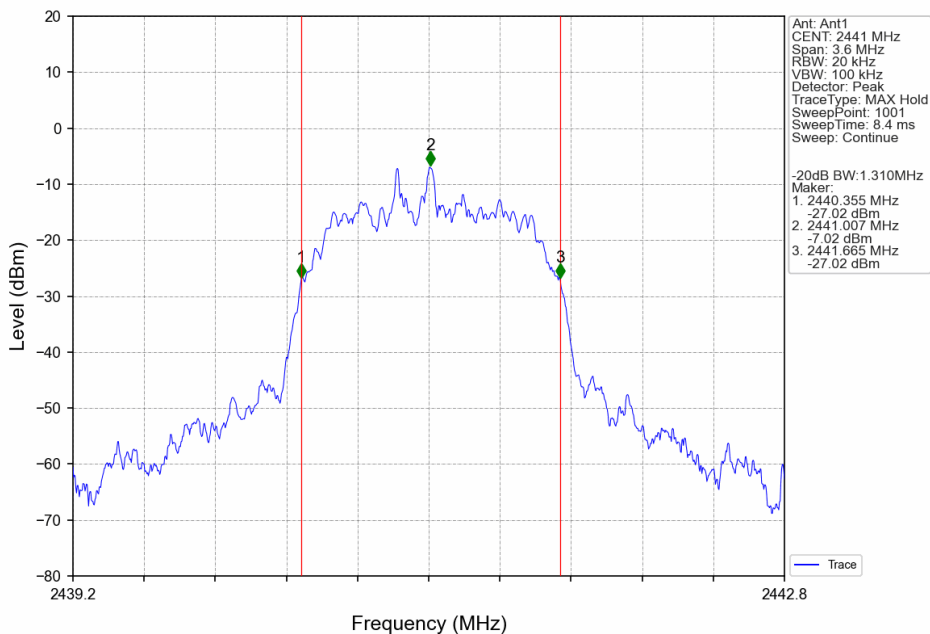
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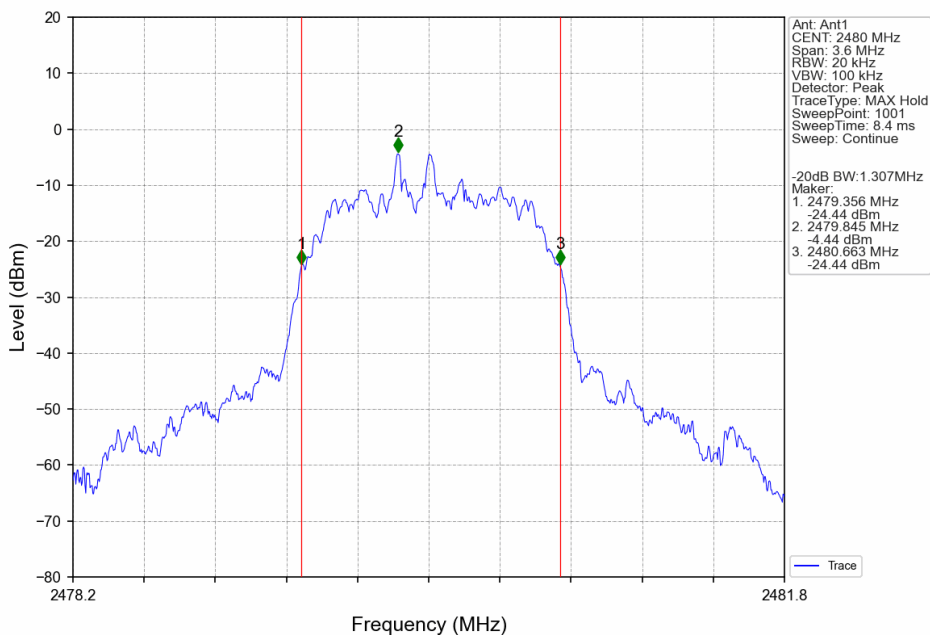
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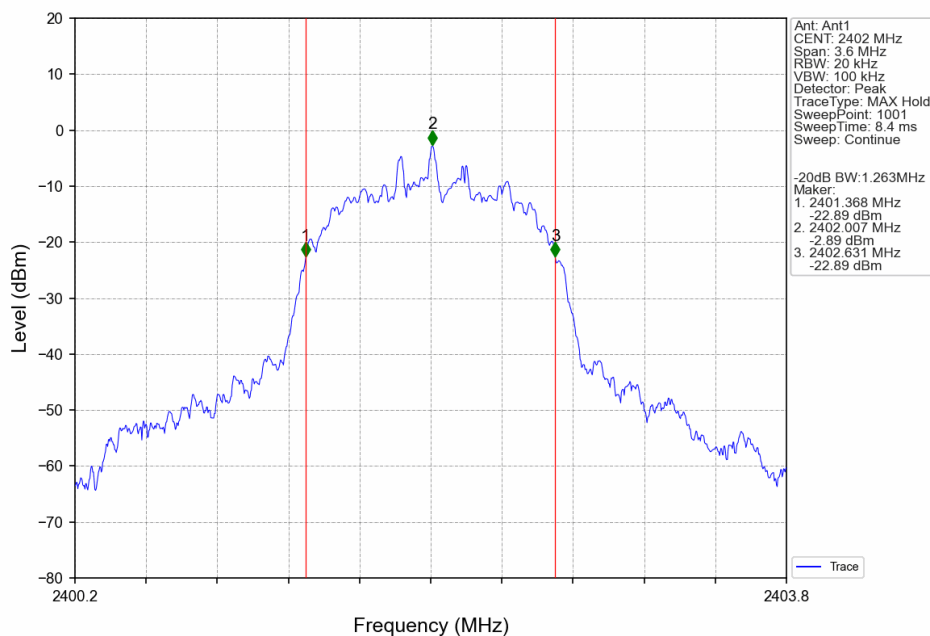
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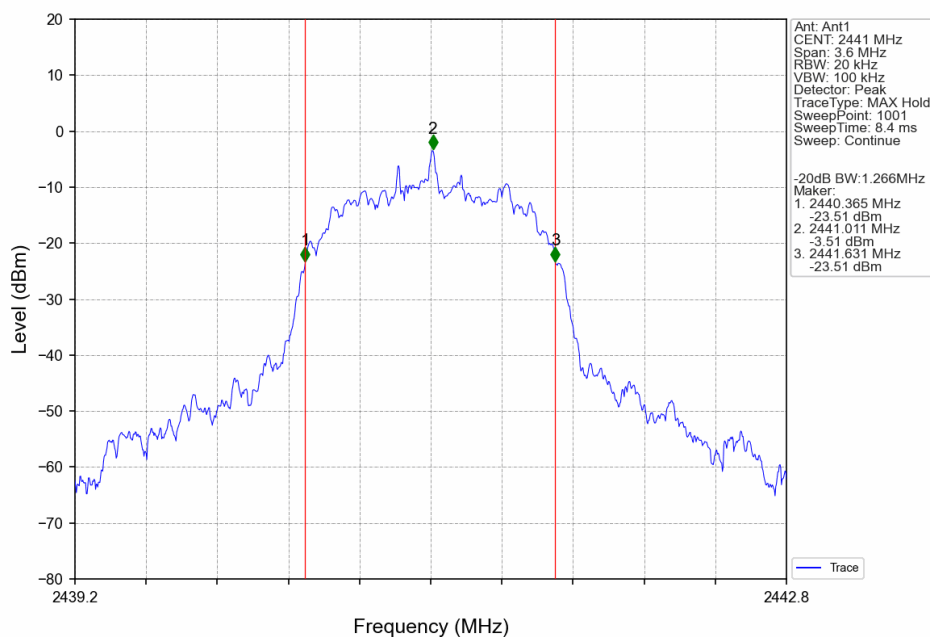
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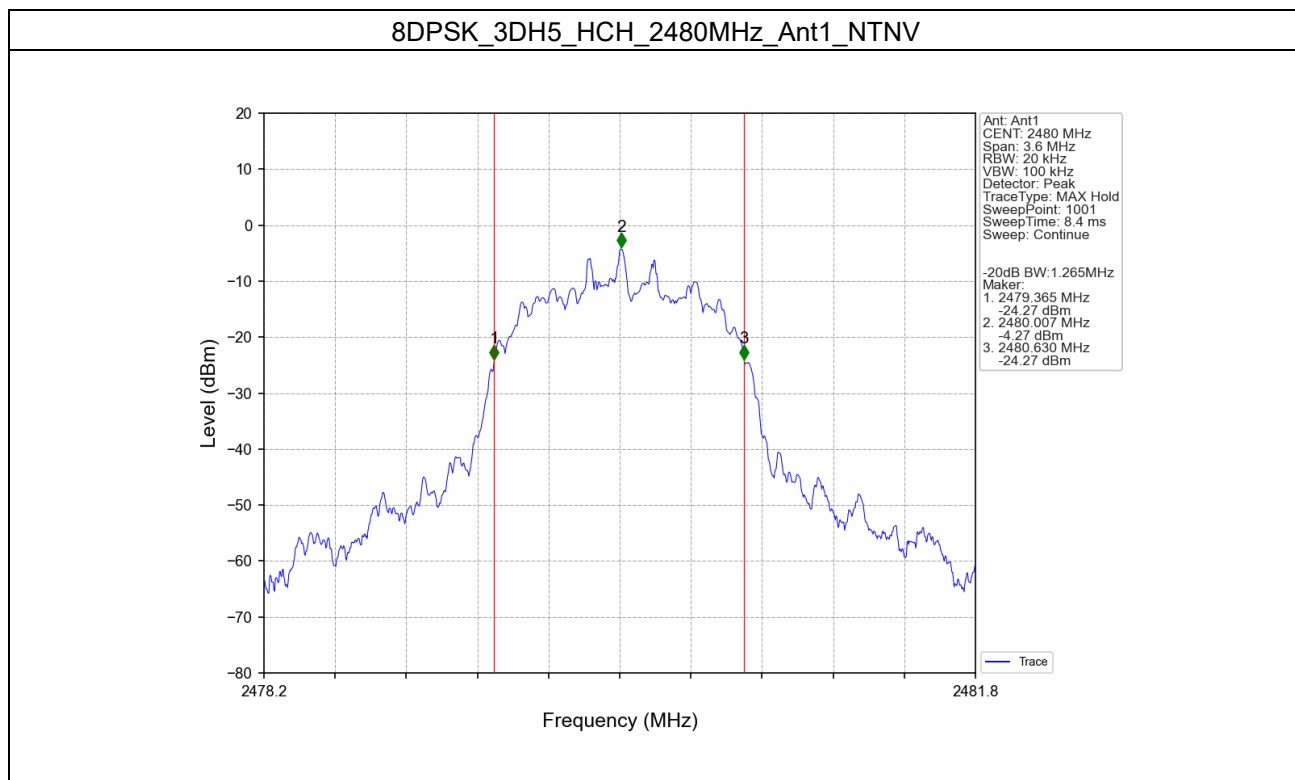
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3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

Mode	TX Type	Frequency (MHz)	Packet Type	Maximum Peak Conducted Output Power (dBm)		Verdict
				ANT1	Limit	
GFSK	SISO	2402	DH5	0.23	<=30	Pass
		2441	DH5	-0.04	<=30	Pass
		2480	DH5	-0.75	<=30	Pass
Pi/4DQPSK	SISO	2402	2DH5	1.06	<=20.97	Pass
		2441	2DH5	0.79	<=20.97	Pass
		2480	2DH5	0.14	<=20.97	Pass
8DPSK	SISO	2402	3DH5	1.49	<=20.97	Pass
		2441	3DH5	1.18	<=20.97	Pass
		2480	3DH5	0.53	<=20.97	Pass

Note1: Antenna Gain: Ant1: 1.66dBi;



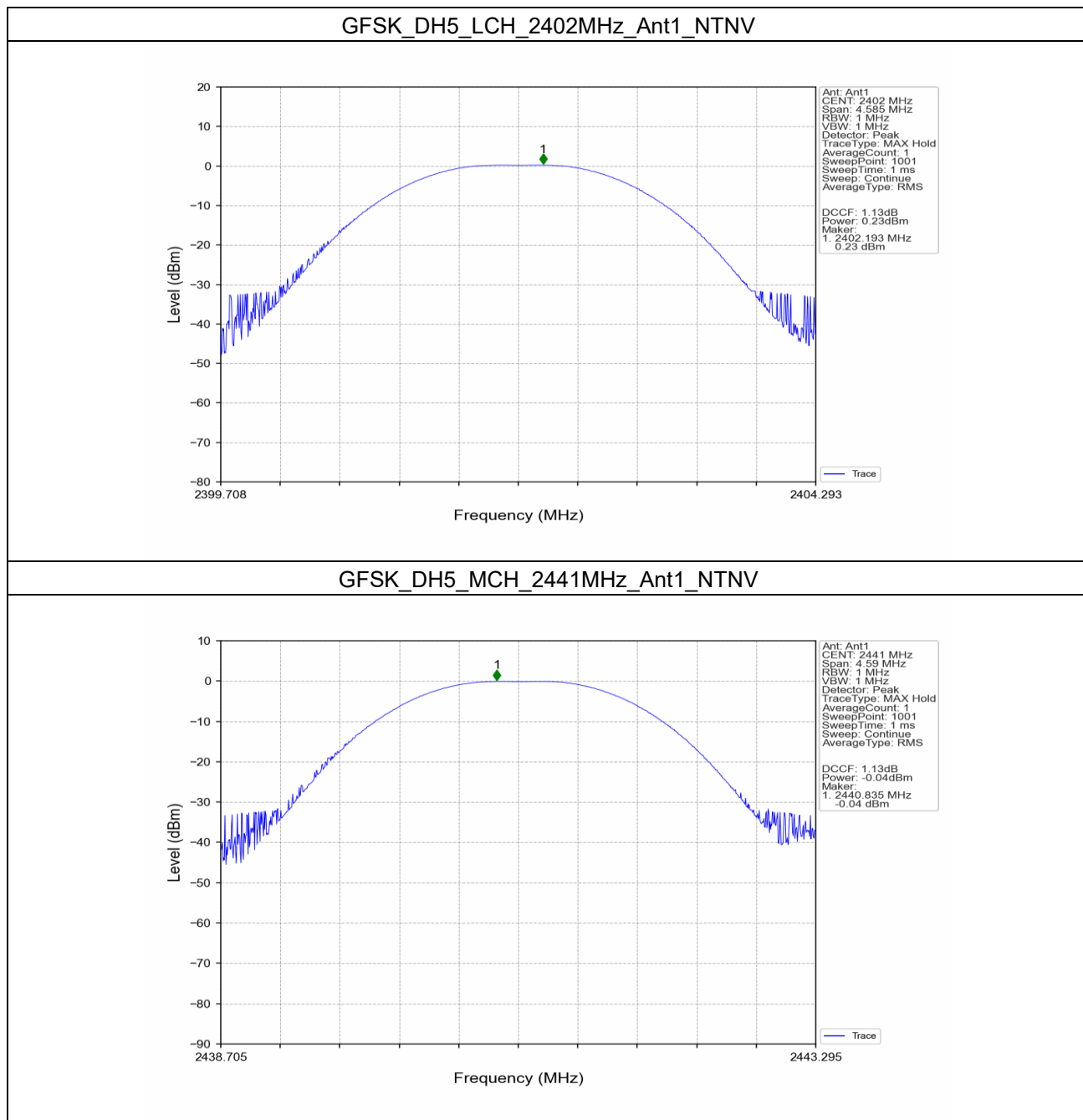
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3.2 Test Graph

3.2.1 Power



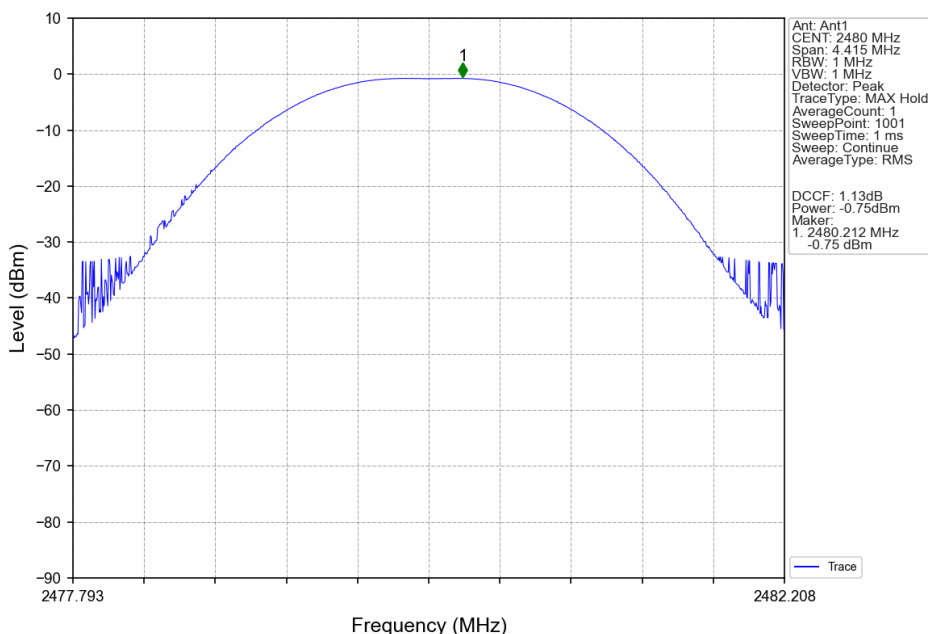
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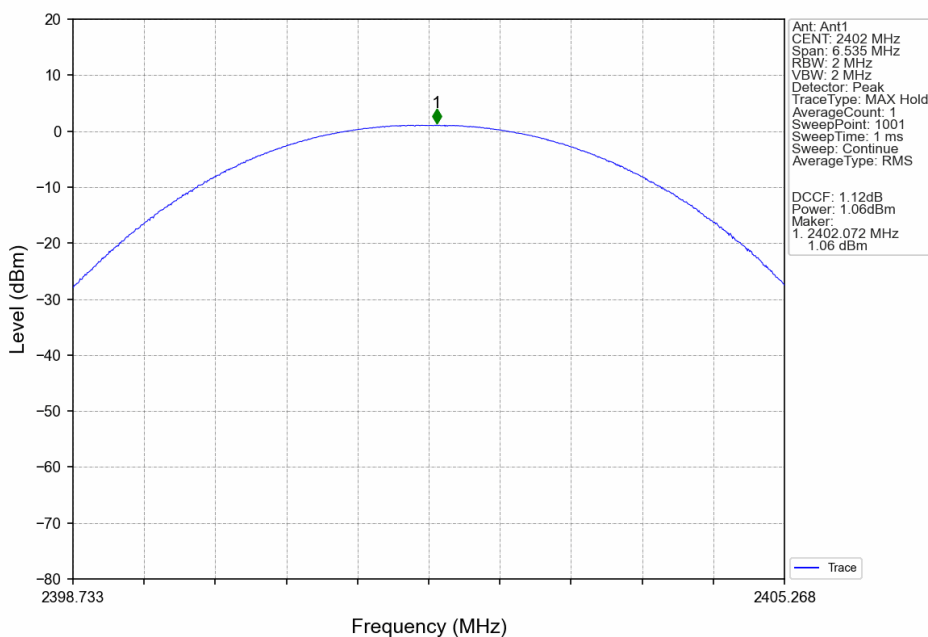
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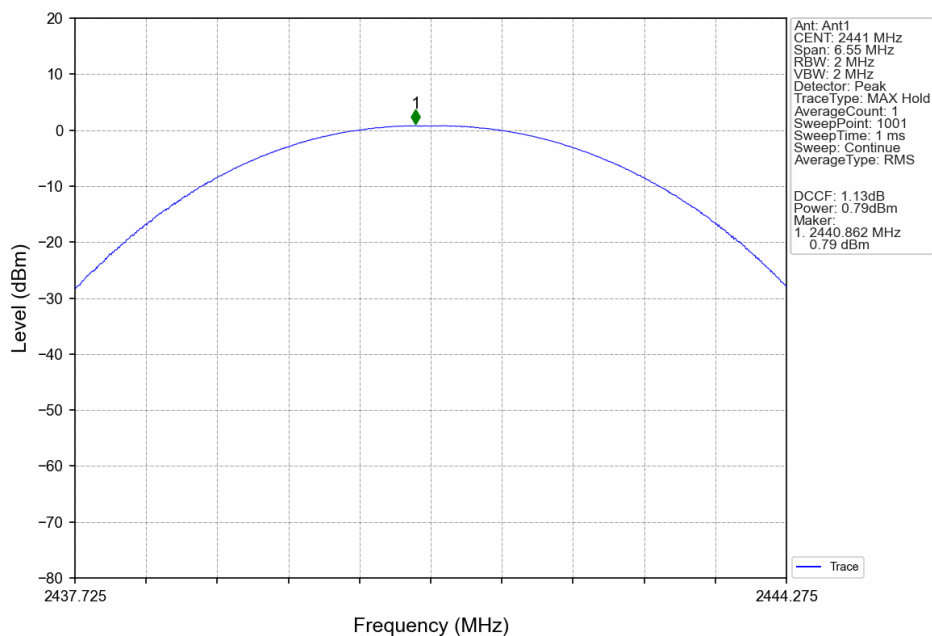
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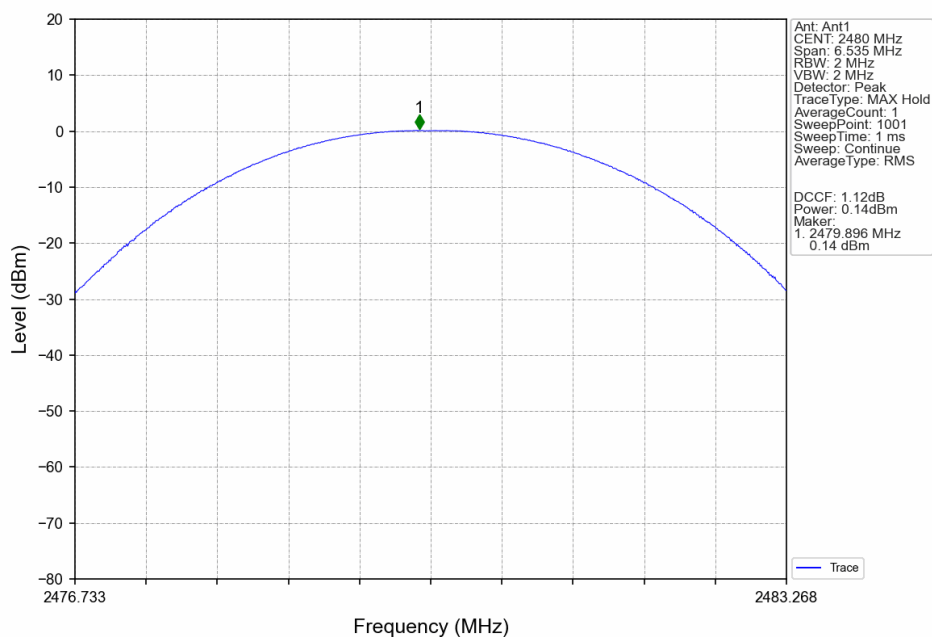
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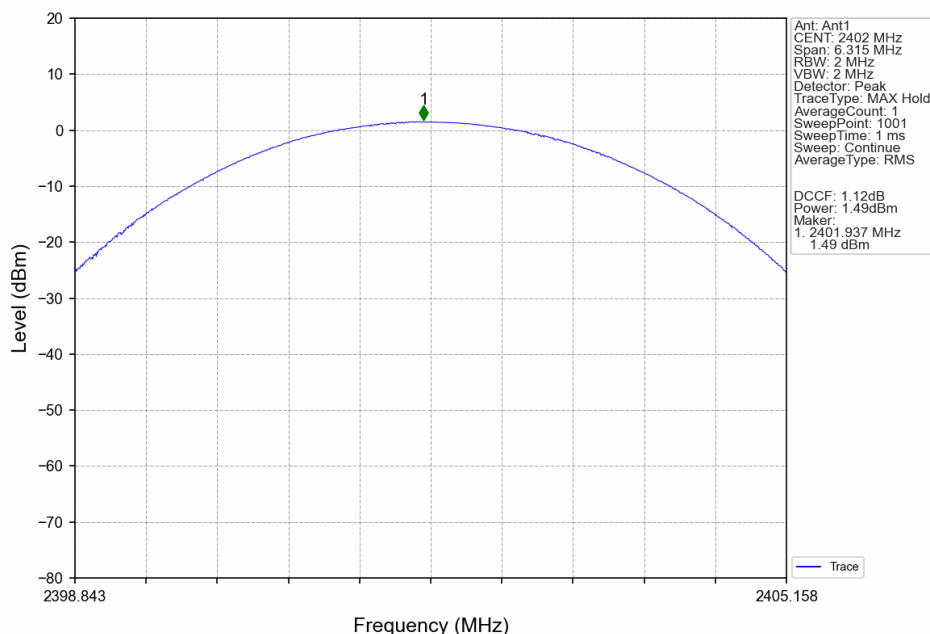
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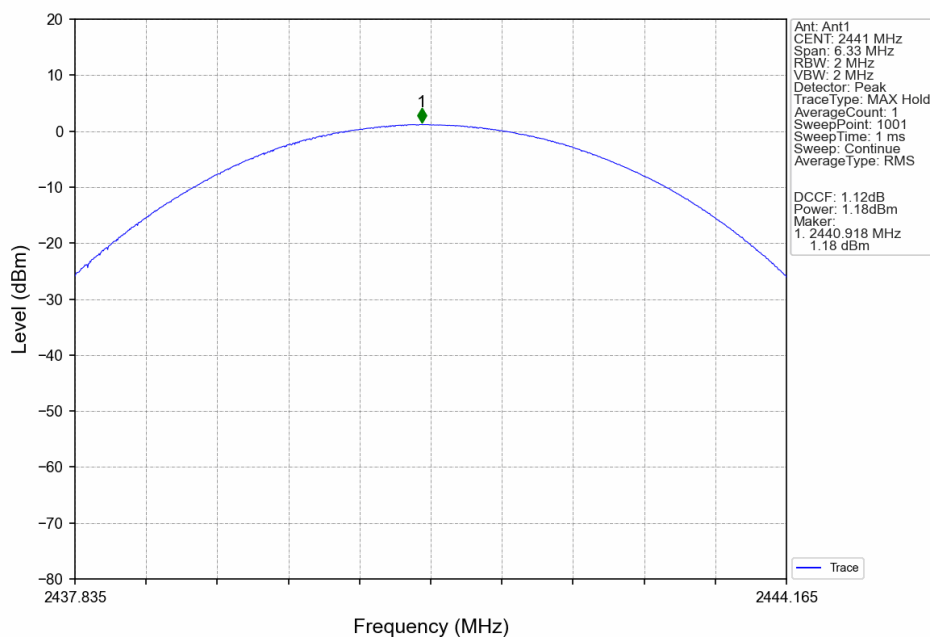
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8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



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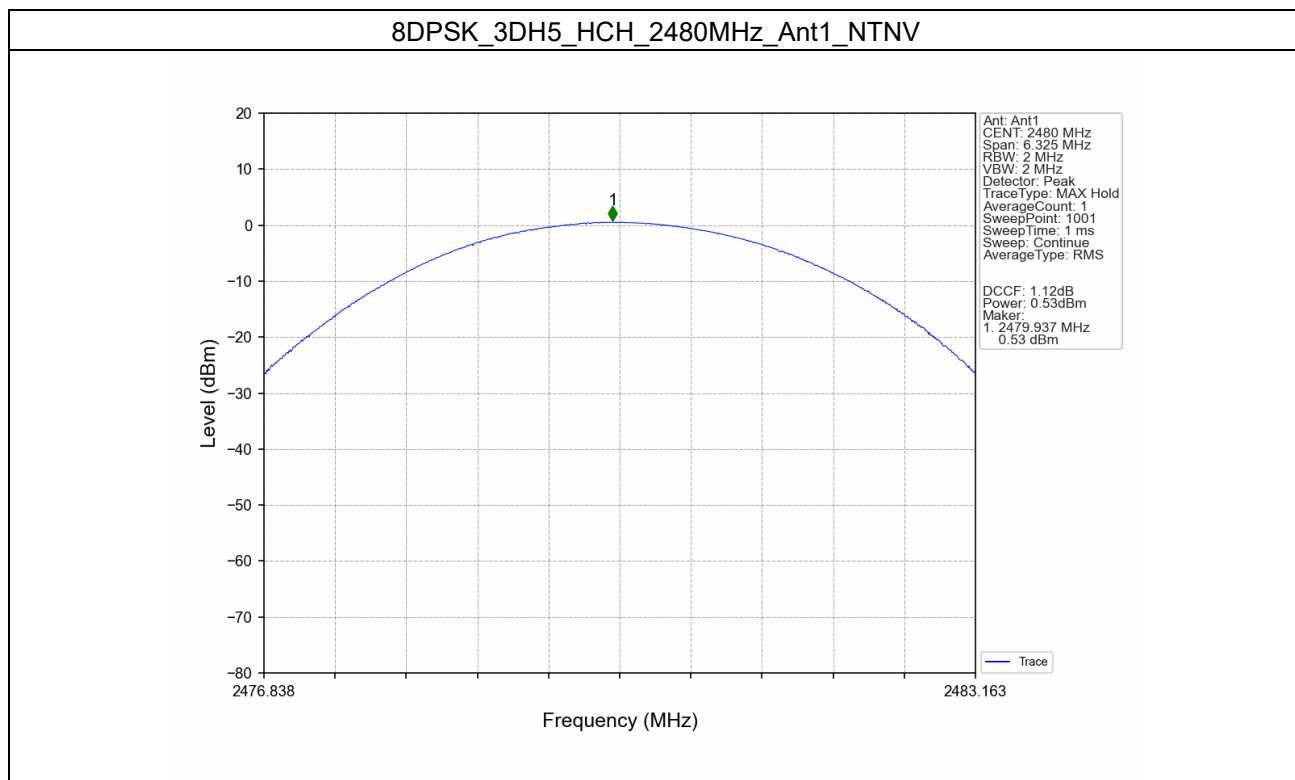
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4. Carrier Frequency Separation

4.1 Test Result

4.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	Packet Type	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
GFSK	SISO	HOPP	DH5	1.000	0.918	≥ 0.918	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	1.020	1.310	≥ 0.873	Pass
8DPSK	SISO	HOPP	3DH5	1.001	1.266	≥ 0.844	Pass



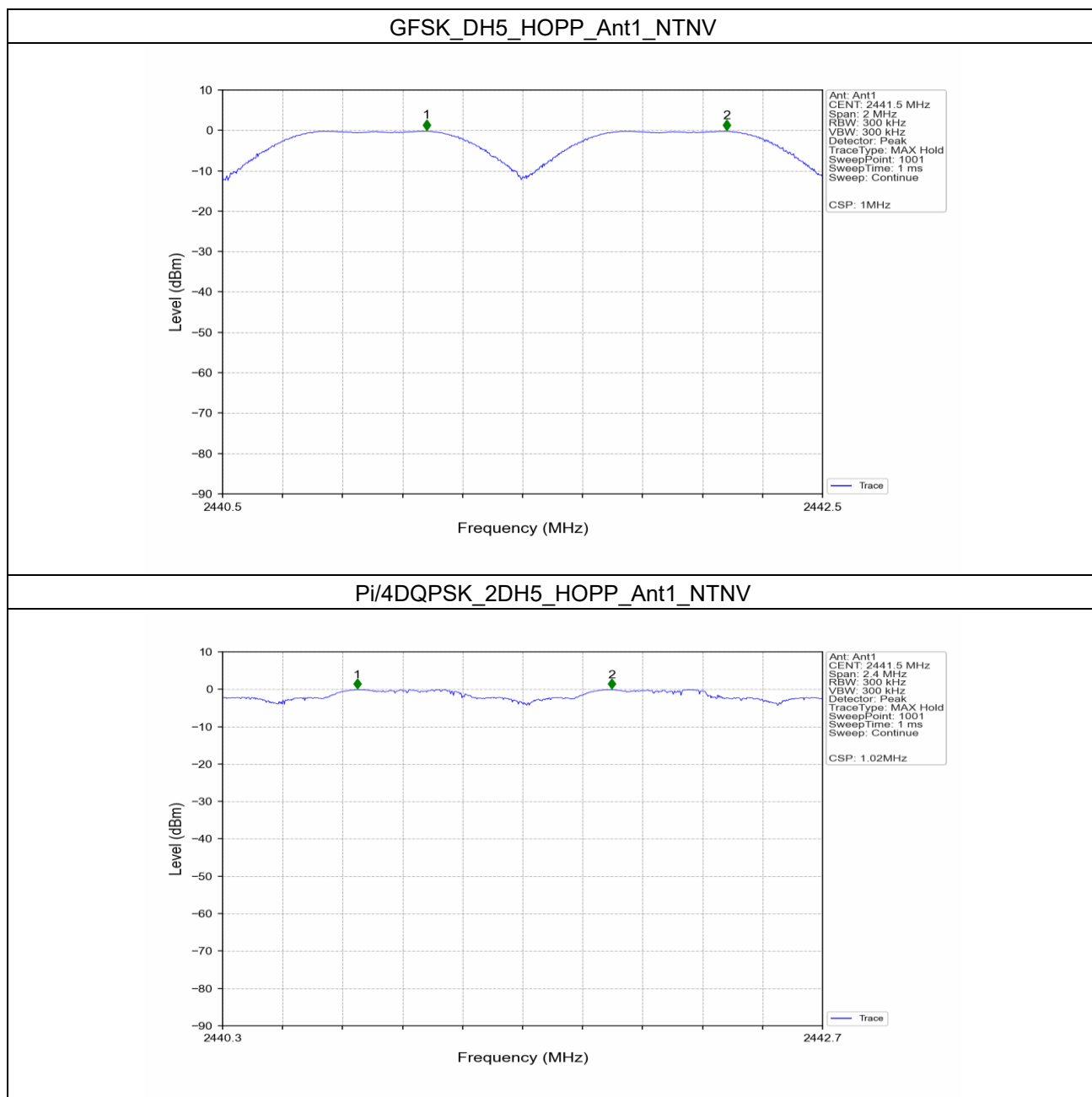
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4.2 Test Graph

4.2.1 Ant1

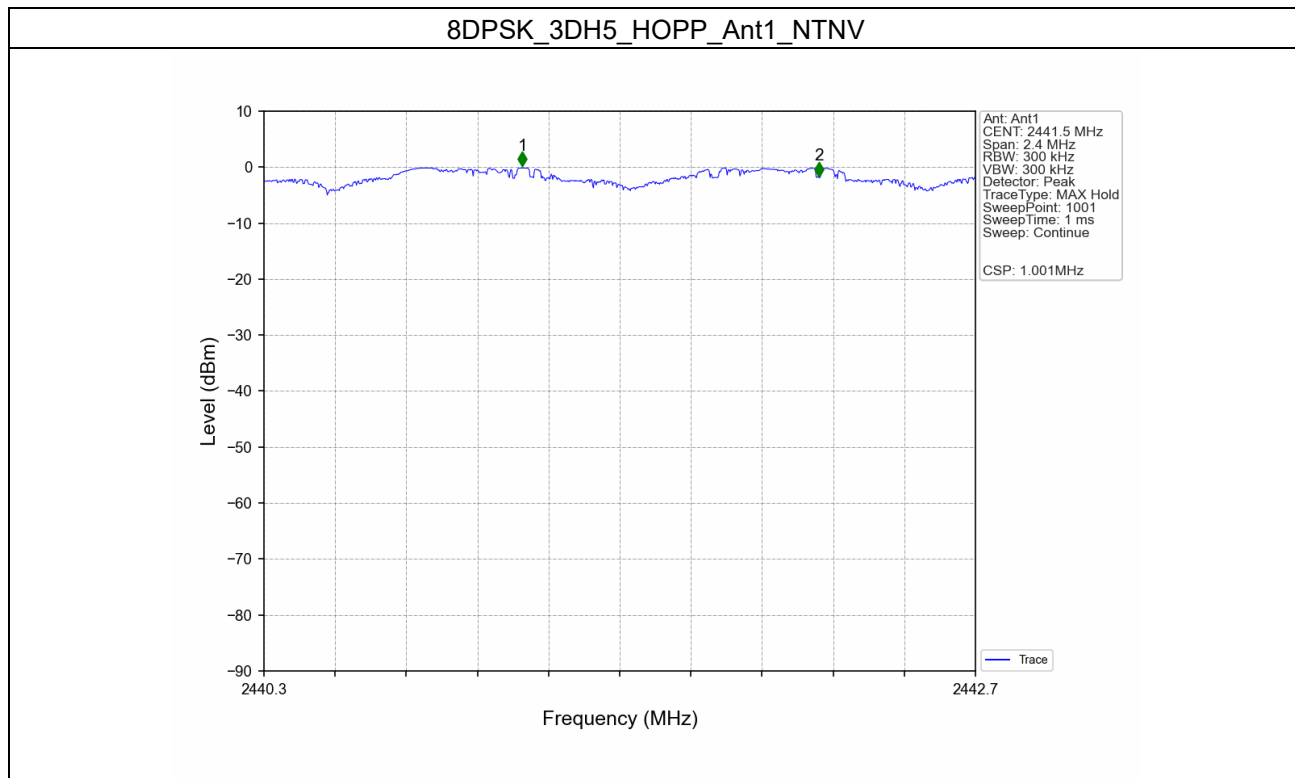


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5. Number of Hopping Frequencies

5.1 Test Result

5.1.1 HopNum

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



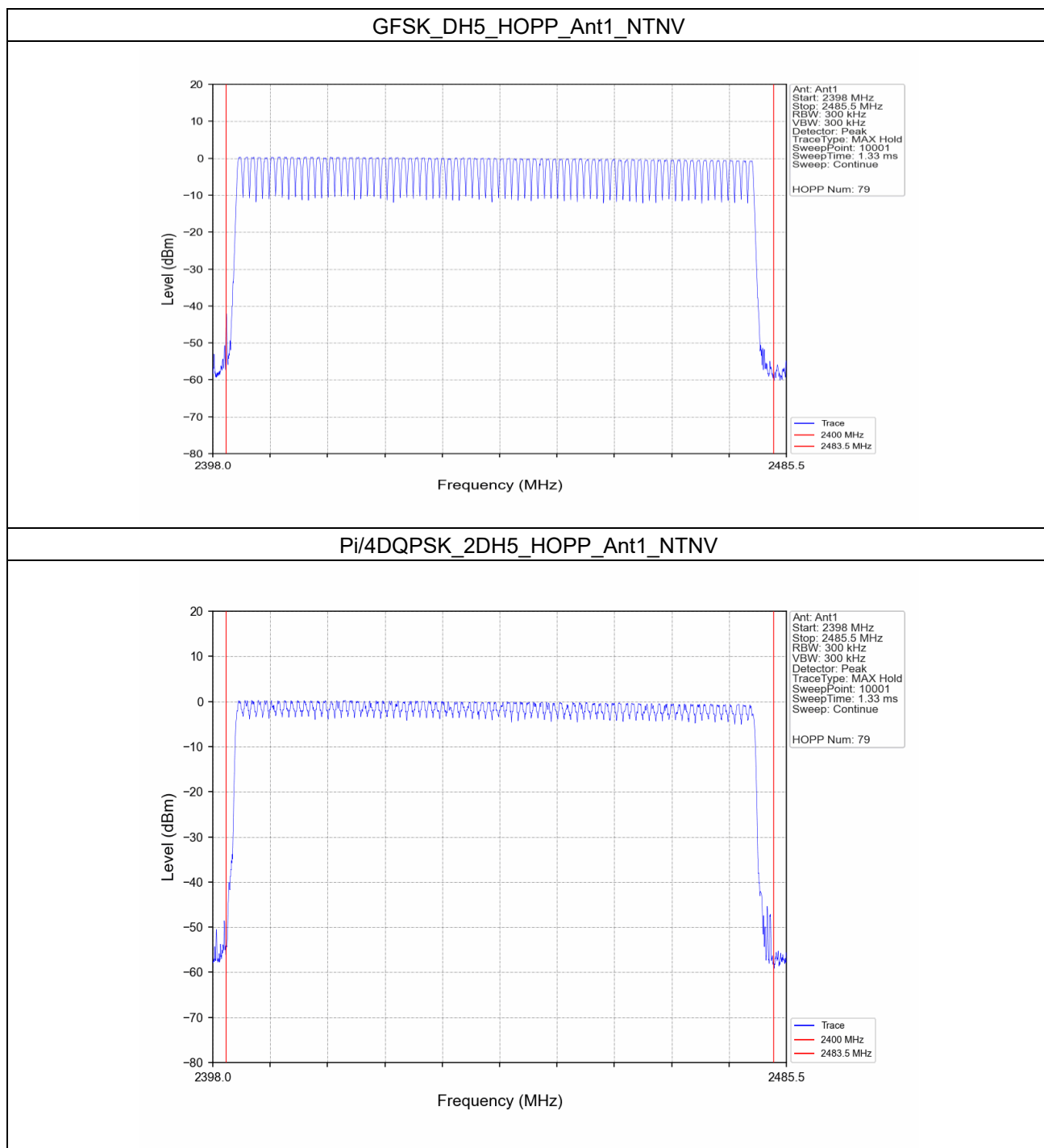
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5.2 Test Graph

5.2.1 HoppNum



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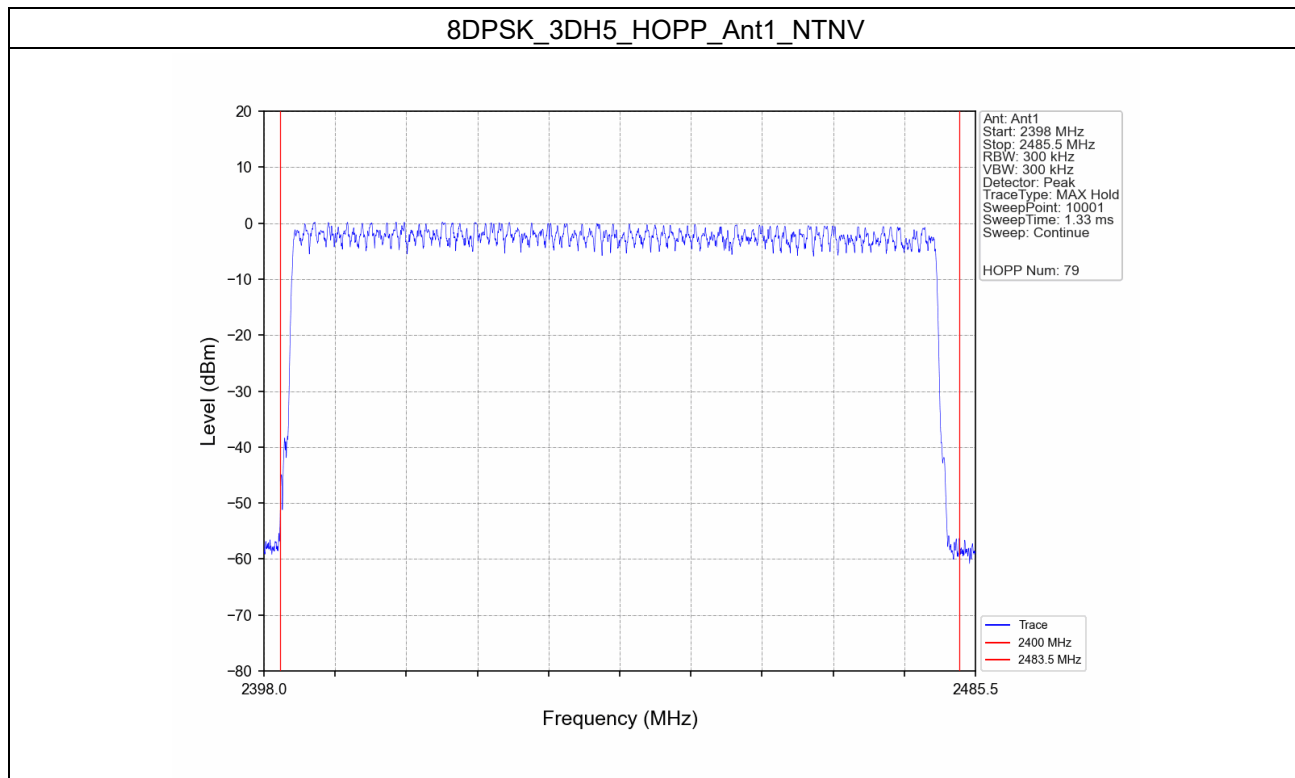
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6. Time of Occupancy (Dwell Time)

6.1 Test Result

6.1.1 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	0.392	31.600	320	125.440	<=400	Pass
			DH3	1.652	31.600	163	269.276	<=400	Pass
			DH5	2.898	31.600	111	321.678	<=400	Pass
Pi/4DQPSK	SISO	HOPP	2DH1	0.396	31.600	320	126.720	<=400	Pass
			2DH3	1.648	31.600	170	280.160	<=400	Pass
			2DH5	2.896	31.600	111	321.456	<=400	Pass
8DPSK	SISO	HOPP	3DH1	0.396	31.600	318	125.928	<=400	Pass
			3DH3	1.646	31.600	164	269.944	<=400	Pass
			3DH5	2.902	31.600	104	301.808	<=400	Pass



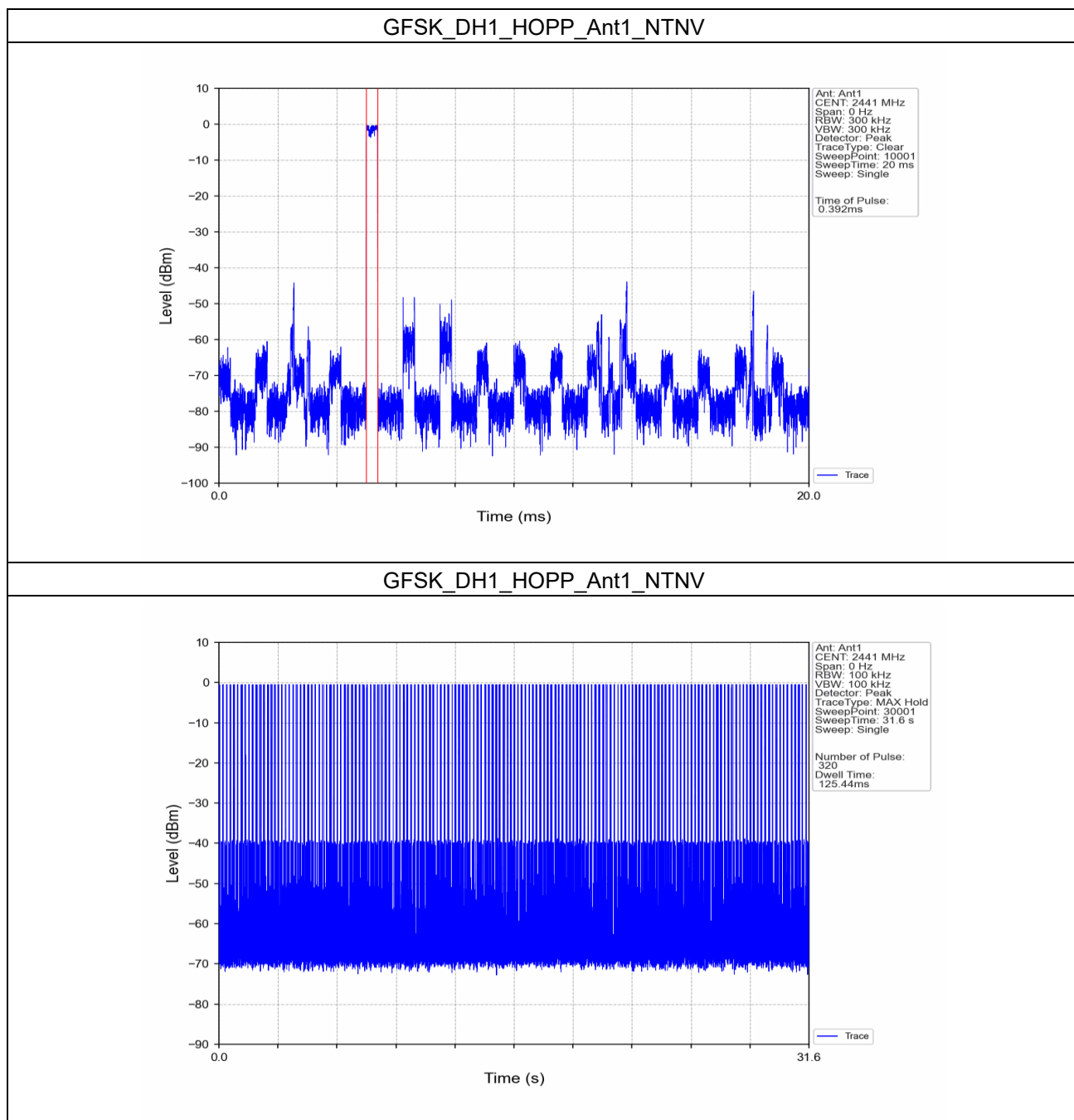
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6.2 Test Graph

6.2.1 Ant1



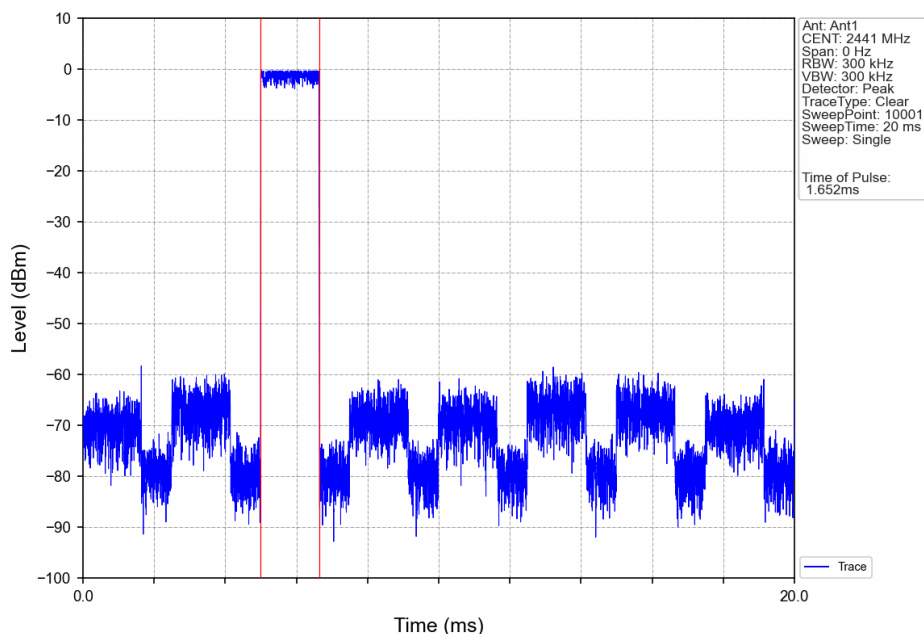
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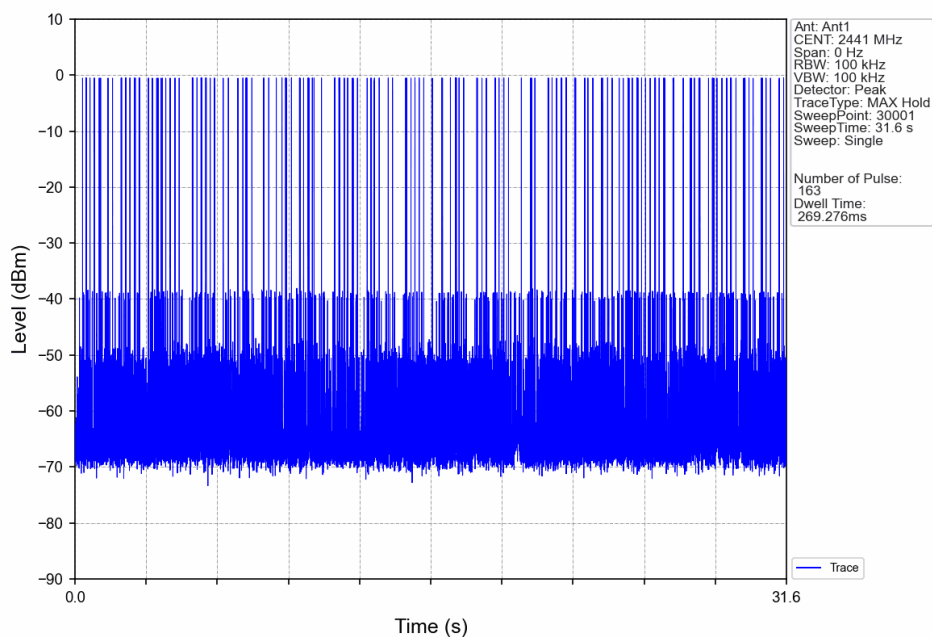
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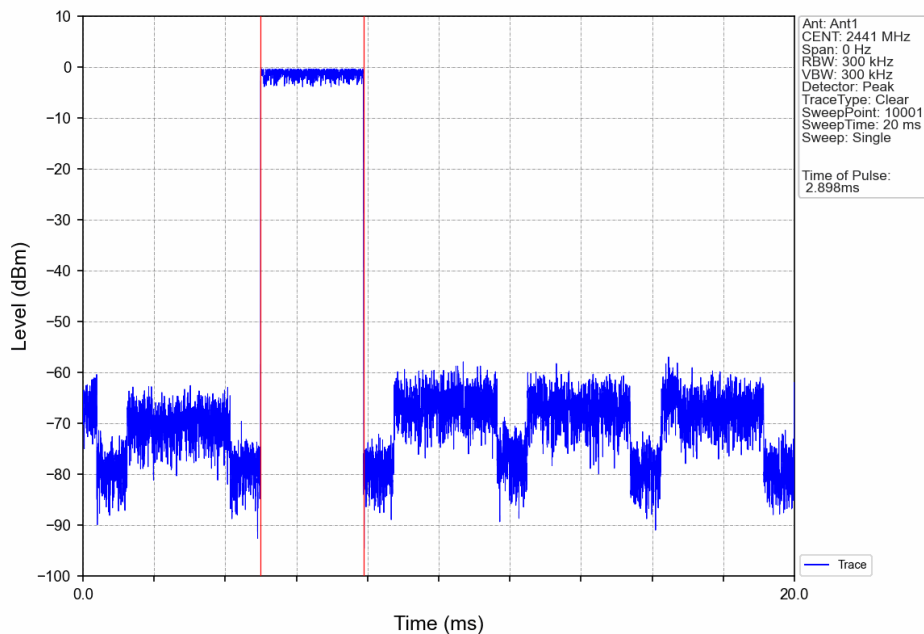
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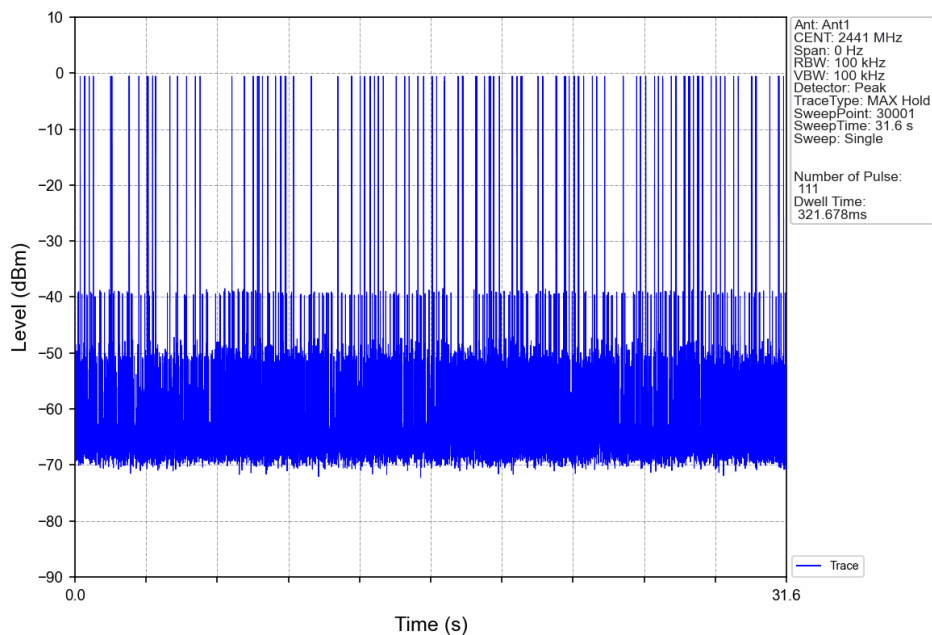
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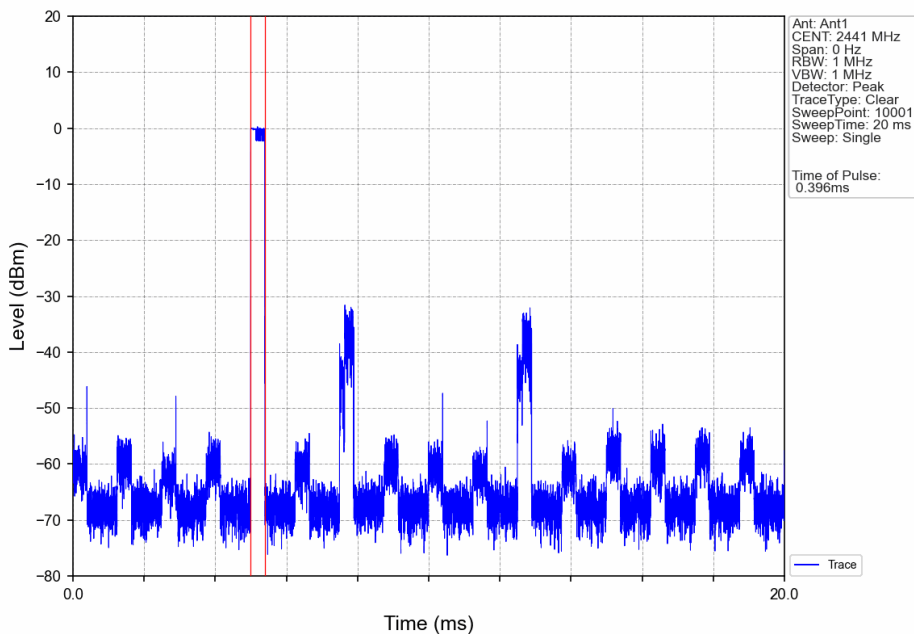
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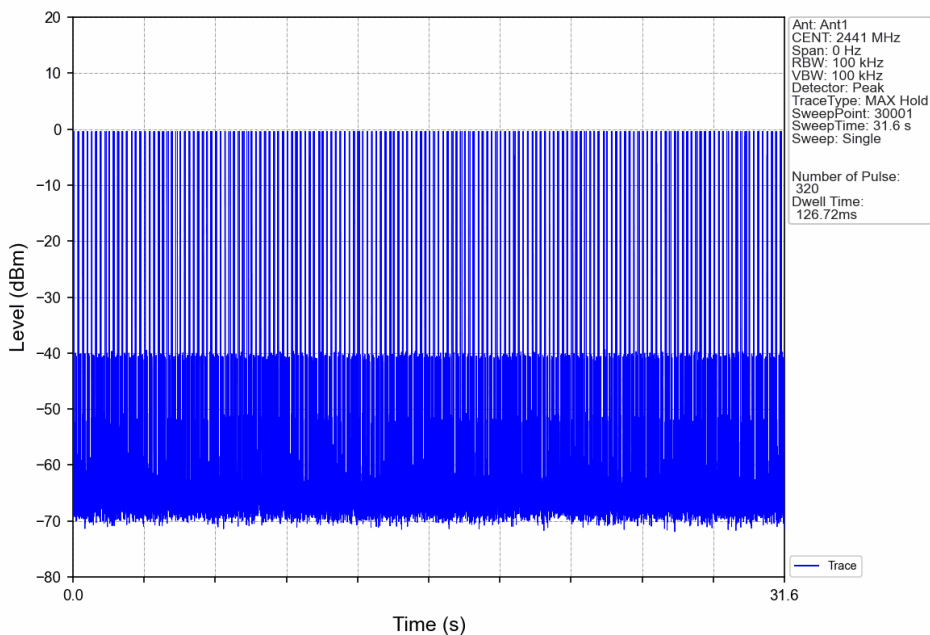
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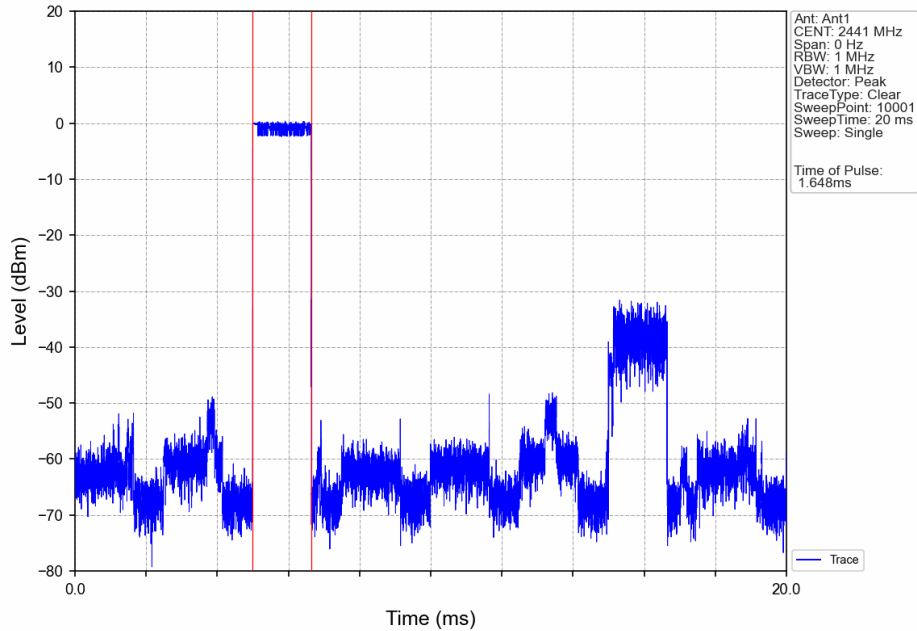
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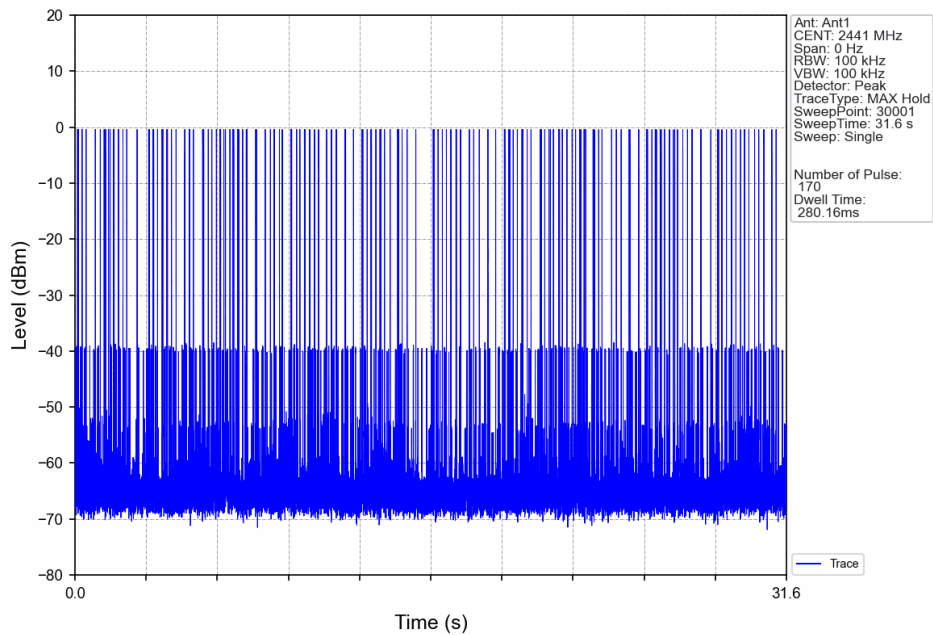
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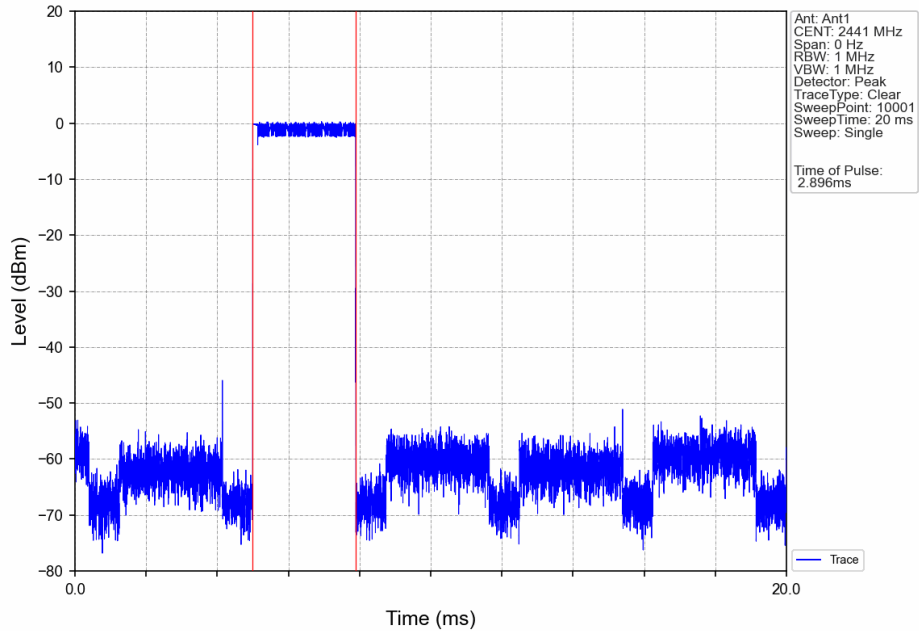
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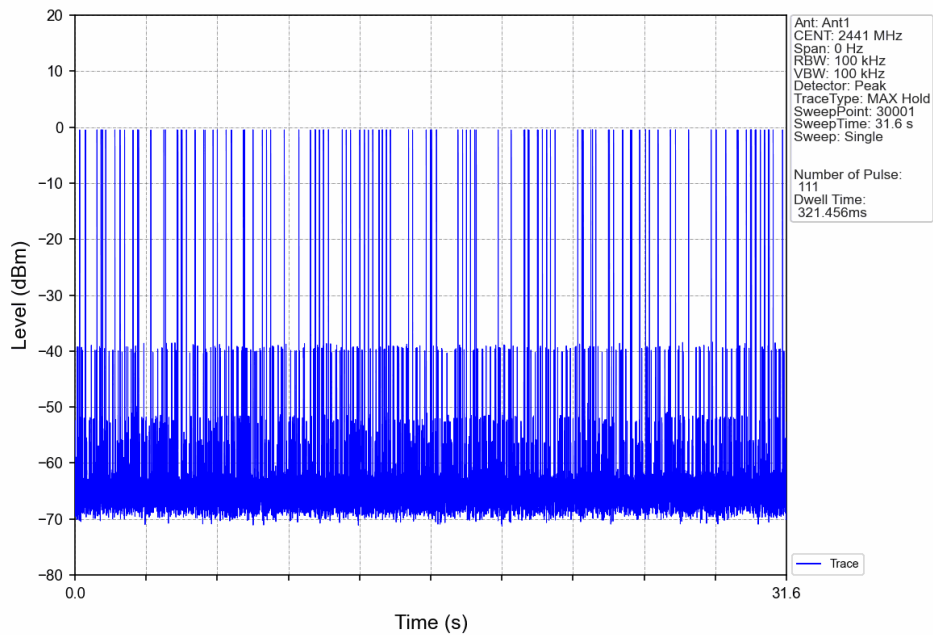
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Pi/4DQPSK_2DH5_HOPP_Ant1_NTNV



Pi/4DQPSK_2DH5_HOPP_Ant1_NTNV



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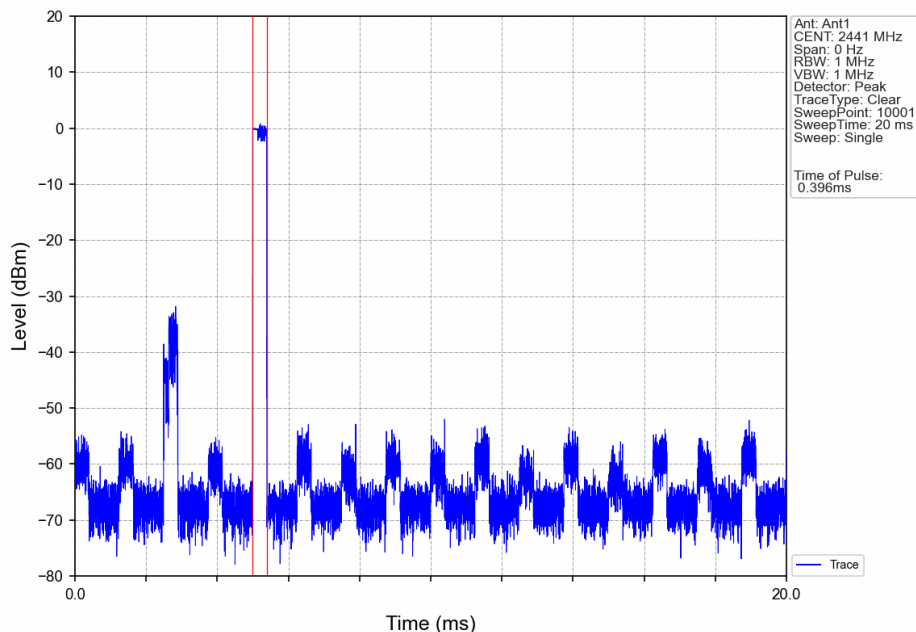
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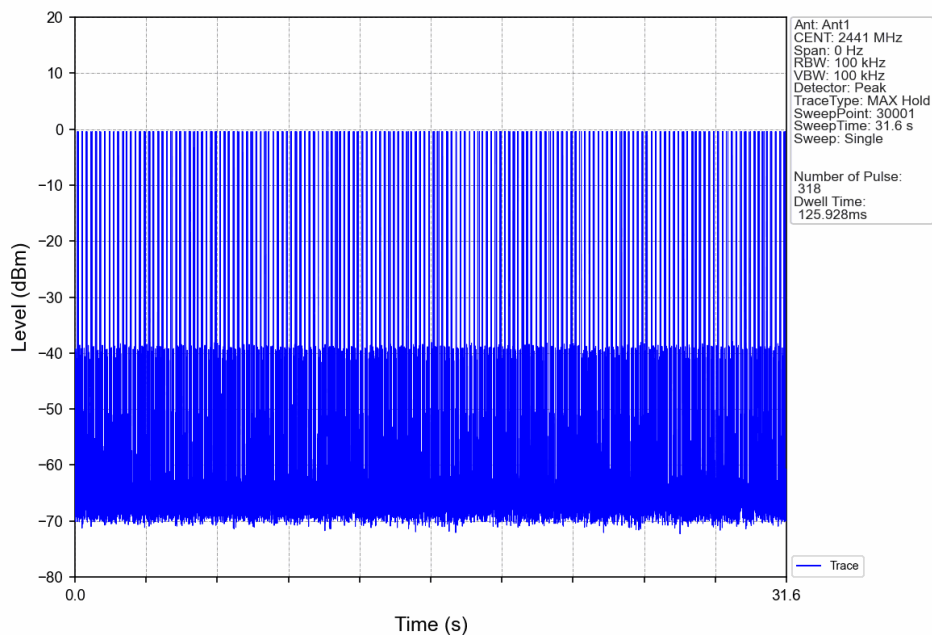
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8DPSK_3DH1_HOPP_Ant1_NTNV



8DPSK_3DH1_HOPP_Ant1_NTNV



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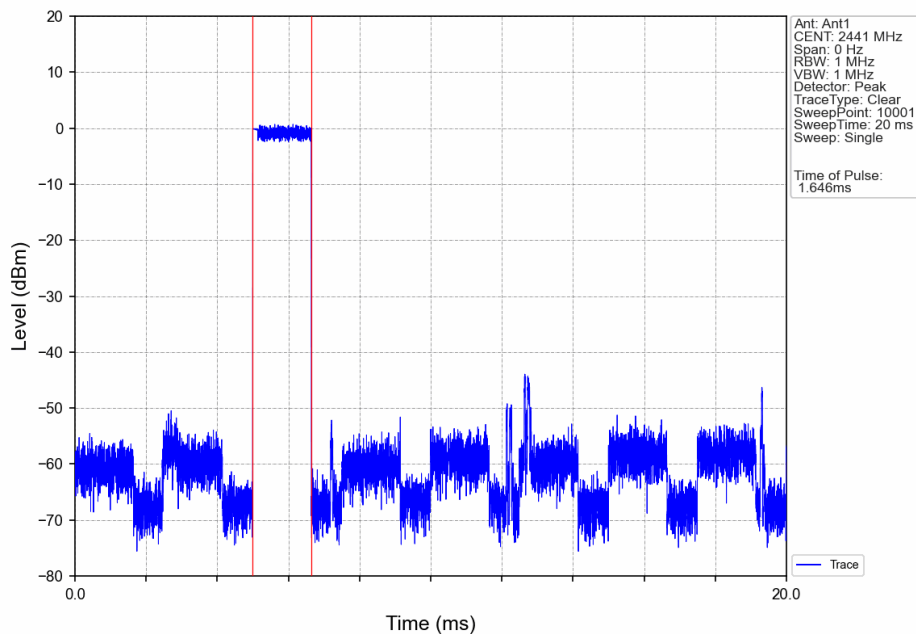
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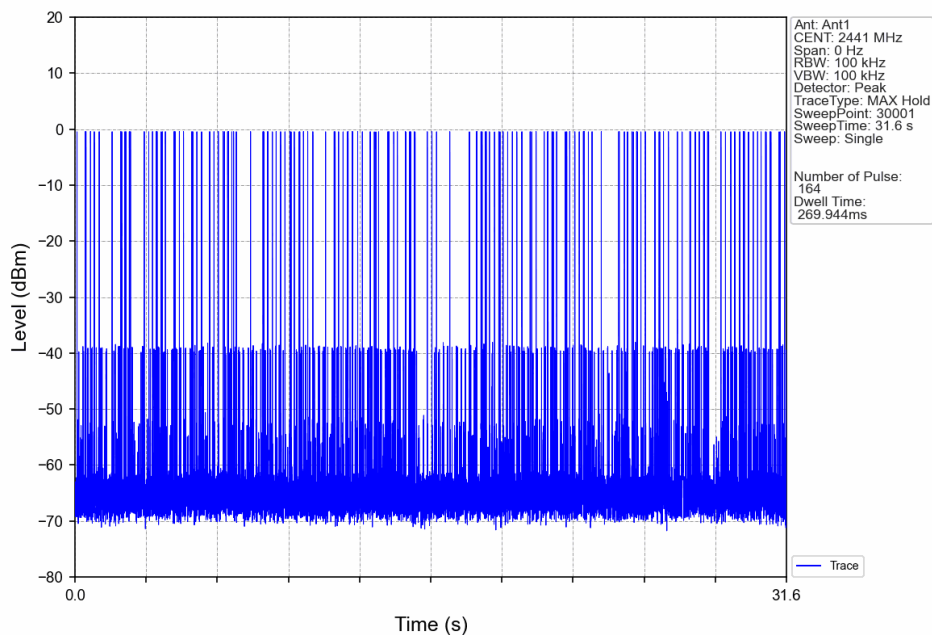
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8DPSK_3DH3_HOPP_Ant1_NTNV



8DPSK_3DH3_HOPP_Ant1_NTNV



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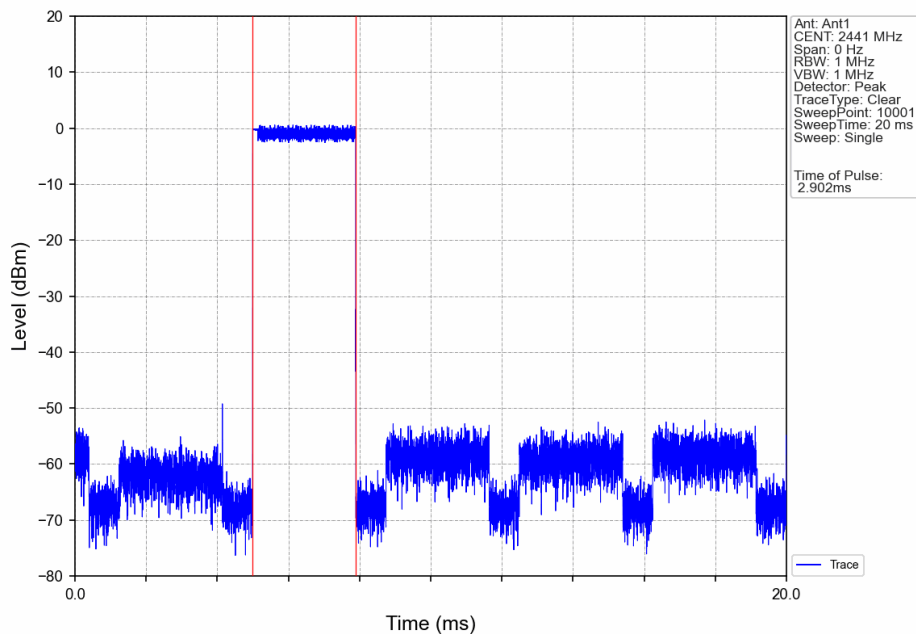
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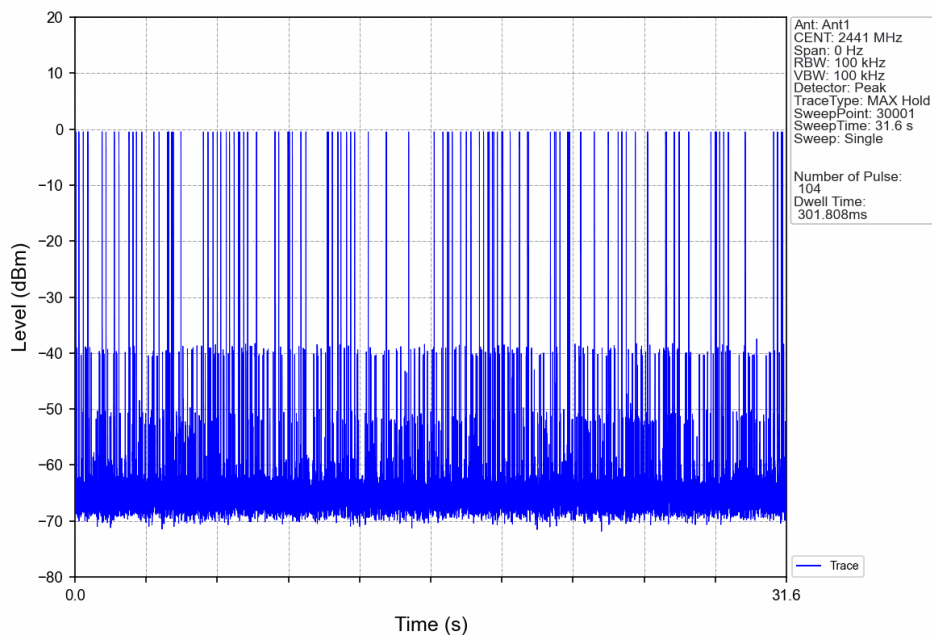
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8DPSK_3DH5_HOPP_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV



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7. Unwanted Emissions In Non-restricted Frequency Bands

7.1 Test Result

7.1.1 Ref

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)
GFSK	SISO	2402	DH5	1	0.06
		2441	DH5	1	-0.30
		2480	DH5	1	-0.94
Pi/4DQPSK	SISO	2402	2DH5	1	-0.04
		2441	2DH5	1	-0.21
		2480	2DH5	1	-0.89
8DPSK	SISO	2402	3DH5	1	0.00
		2441	3DH5	1	-0.25
		2480	3DH5	1	-0.87

7.1.2 CSE

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	DH5	1	0.06	-19.94	Pass
		2441	DH5	1	0.06	-19.94	Pass
		2480	DH5	1	0.06	-19.94	Pass
		HOPP	DH5	1	0.06	-19.94	Pass
					0.06	-19.94	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	-0.04	-20.04	Pass
		2441	2DH5	1	-0.04	-20.04	Pass
		2480	2DH5	1	-0.04	-20.04	Pass
		HOPP	2DH5	1	-0.04	-20.04	Pass
					-0.04	-20.04	Pass
8DPSK	SISO	2402	3DH5	1	0.00	-20.00	Pass
		2441	3DH5	1	0.00	-20.00	Pass
		2480	3DH5	1	0.00	-20.00	Pass
		HOPP	3DH5	1	0.00	-20.00	Pass
					0.00	-20.00	Pass



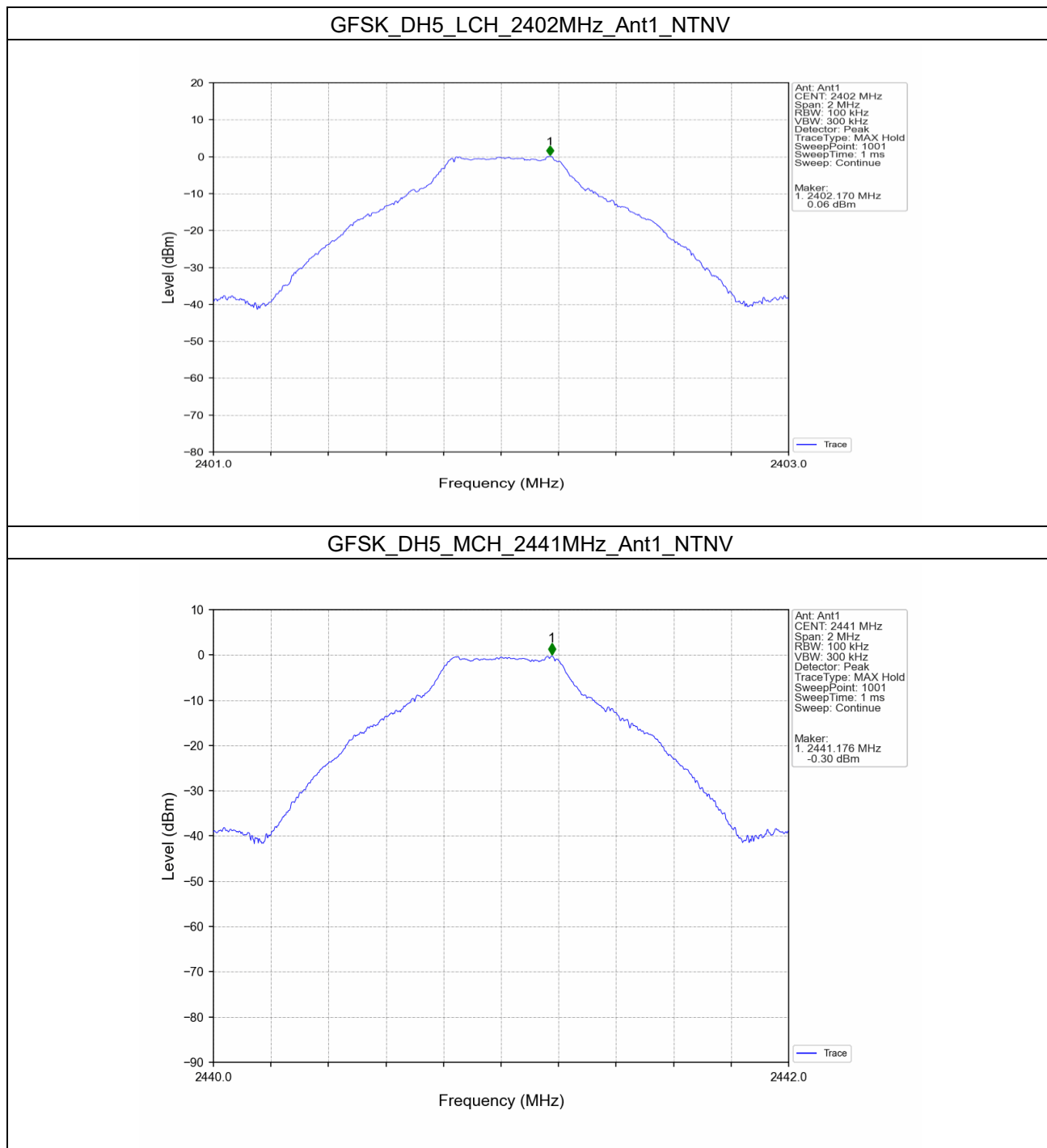
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7.2 Test Graph

7.2.1 Ref



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