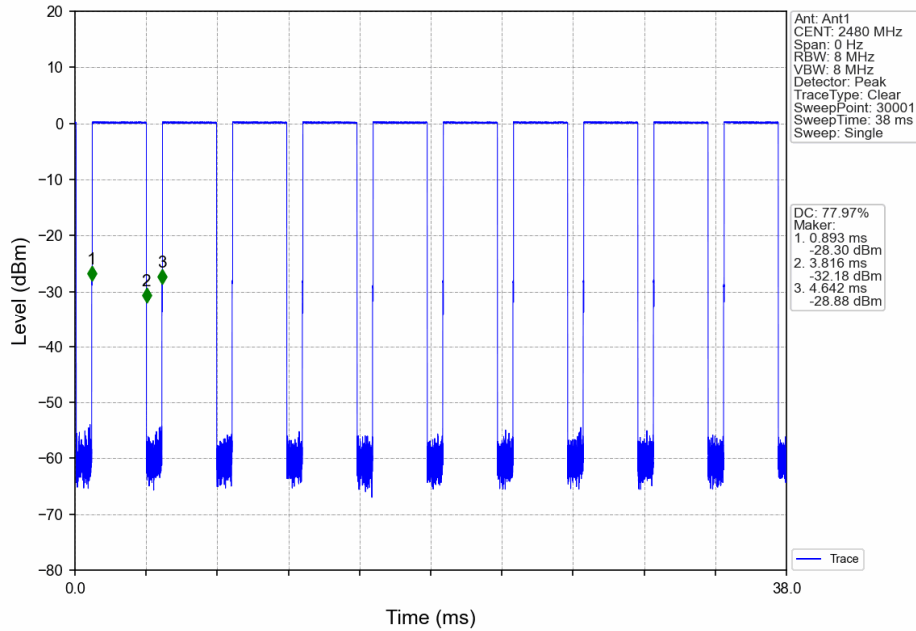
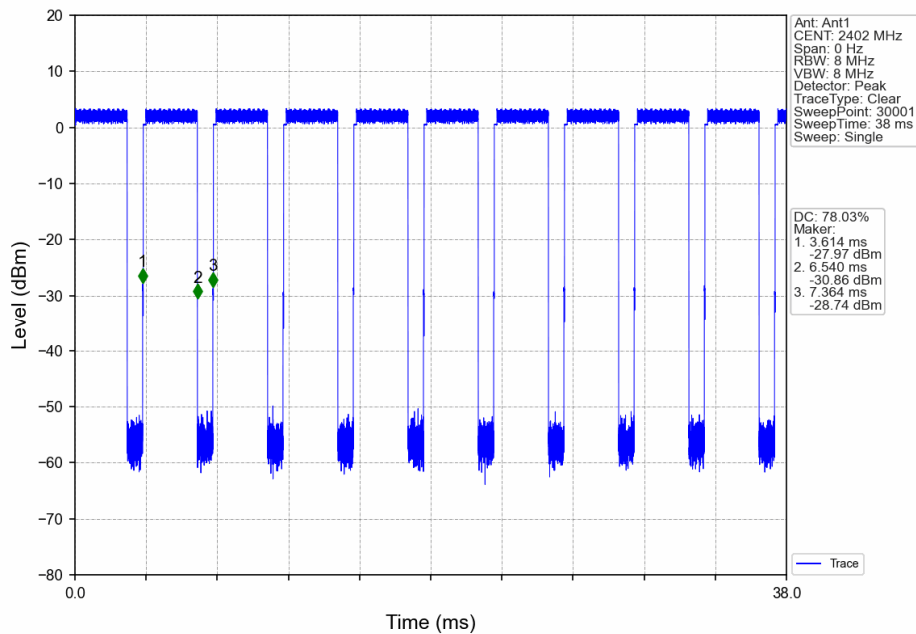


GFSK_DH5_HCH_2480MHz_Ant1_NTNV

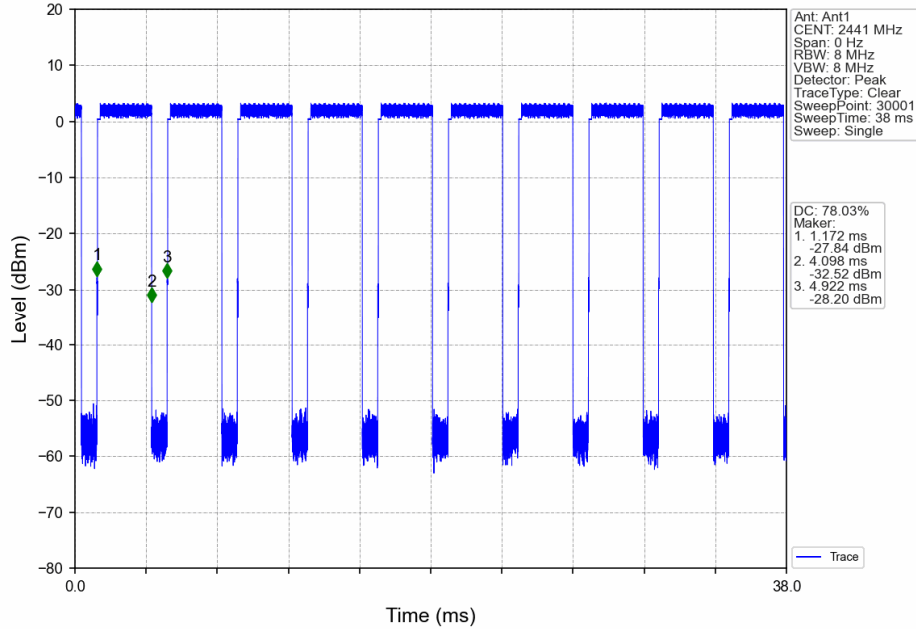


Pi/4QPSK_2DH5_LCH_2402MHz_Ant1_NTNV

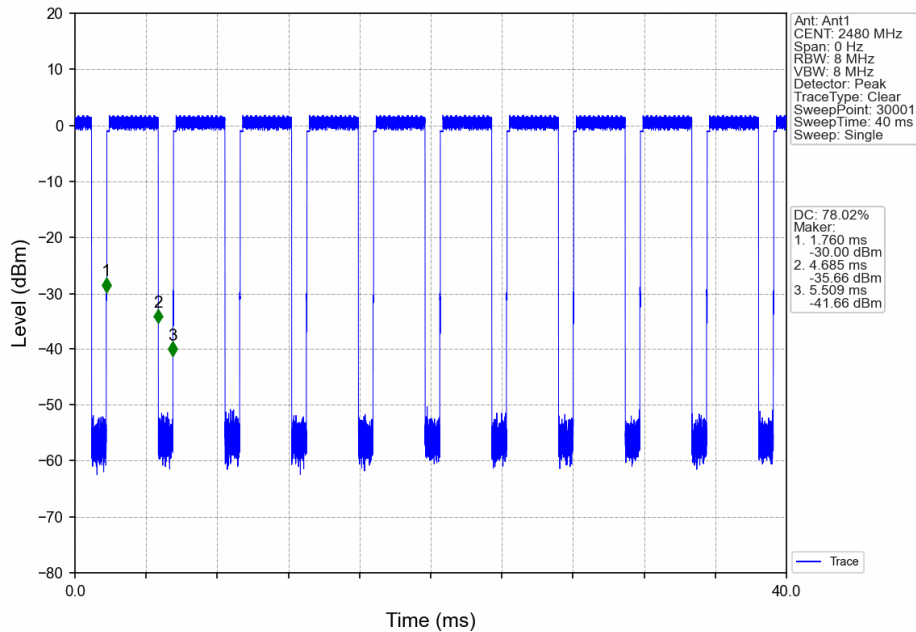


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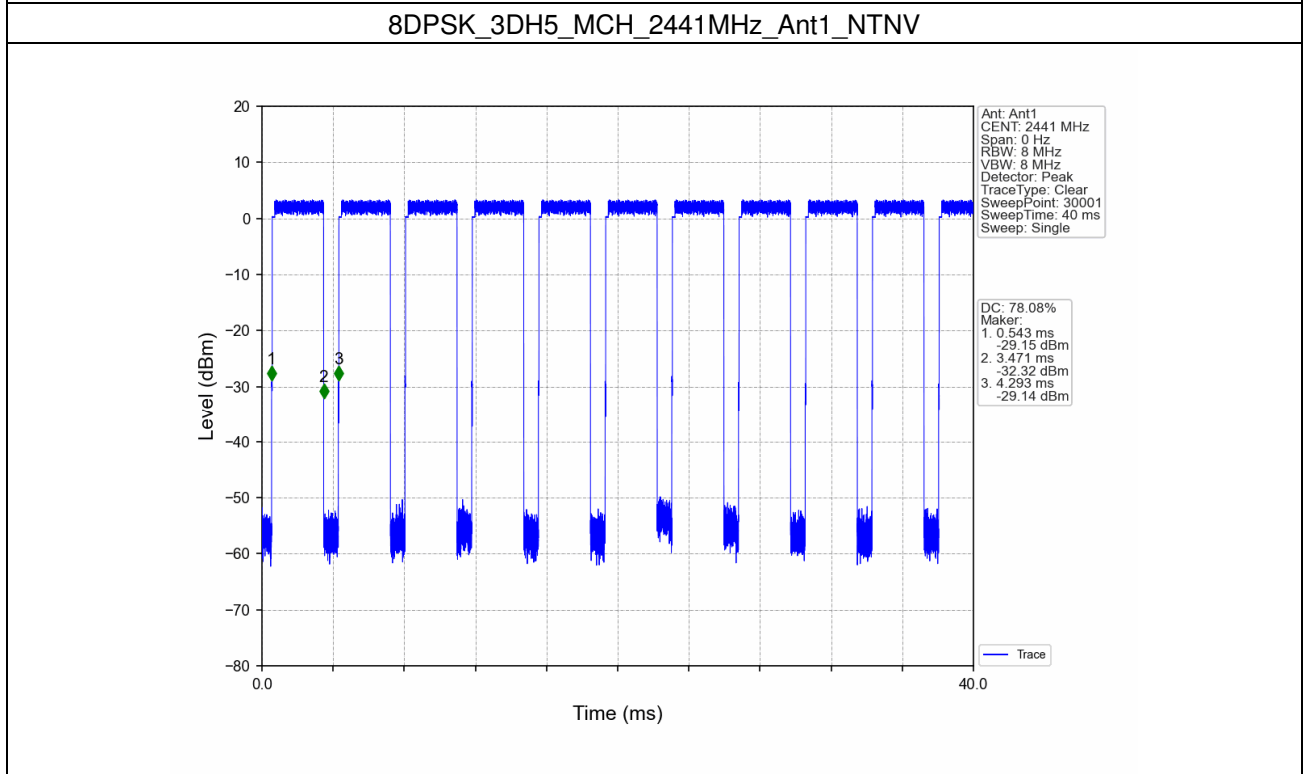
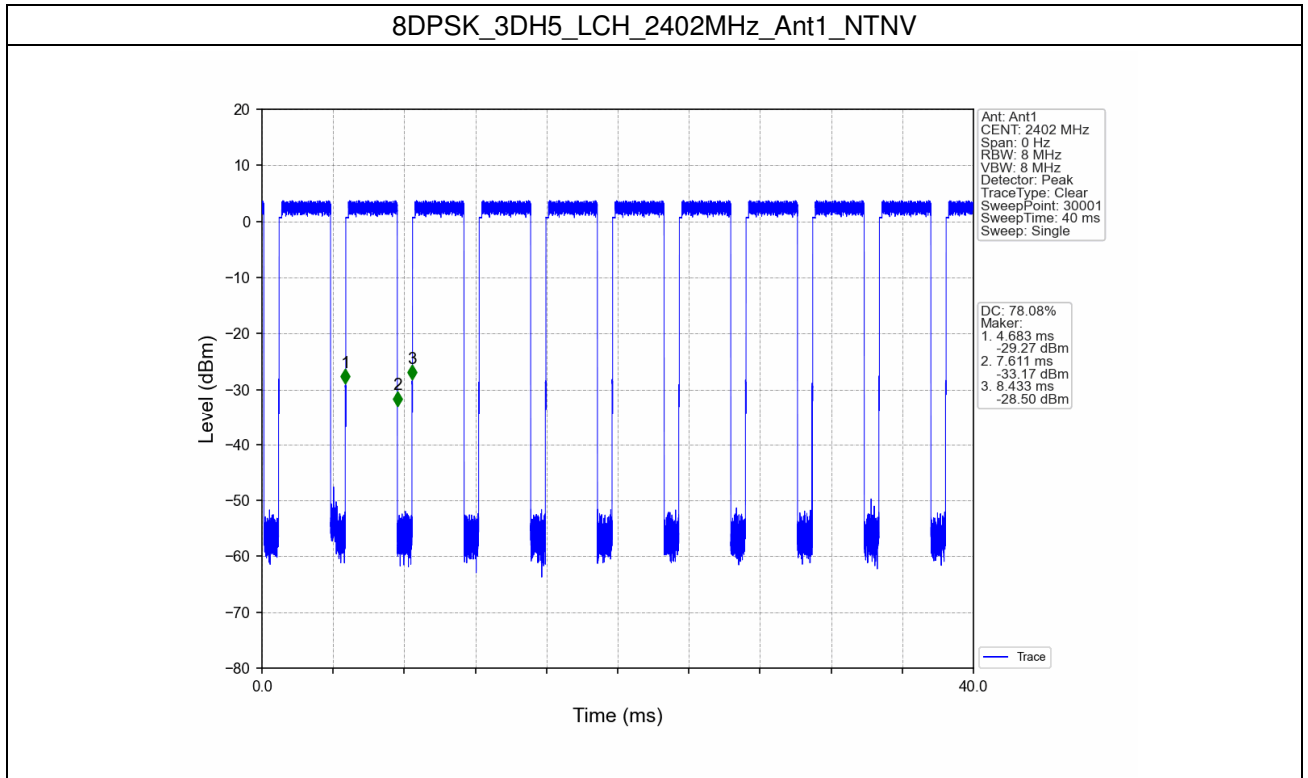
Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



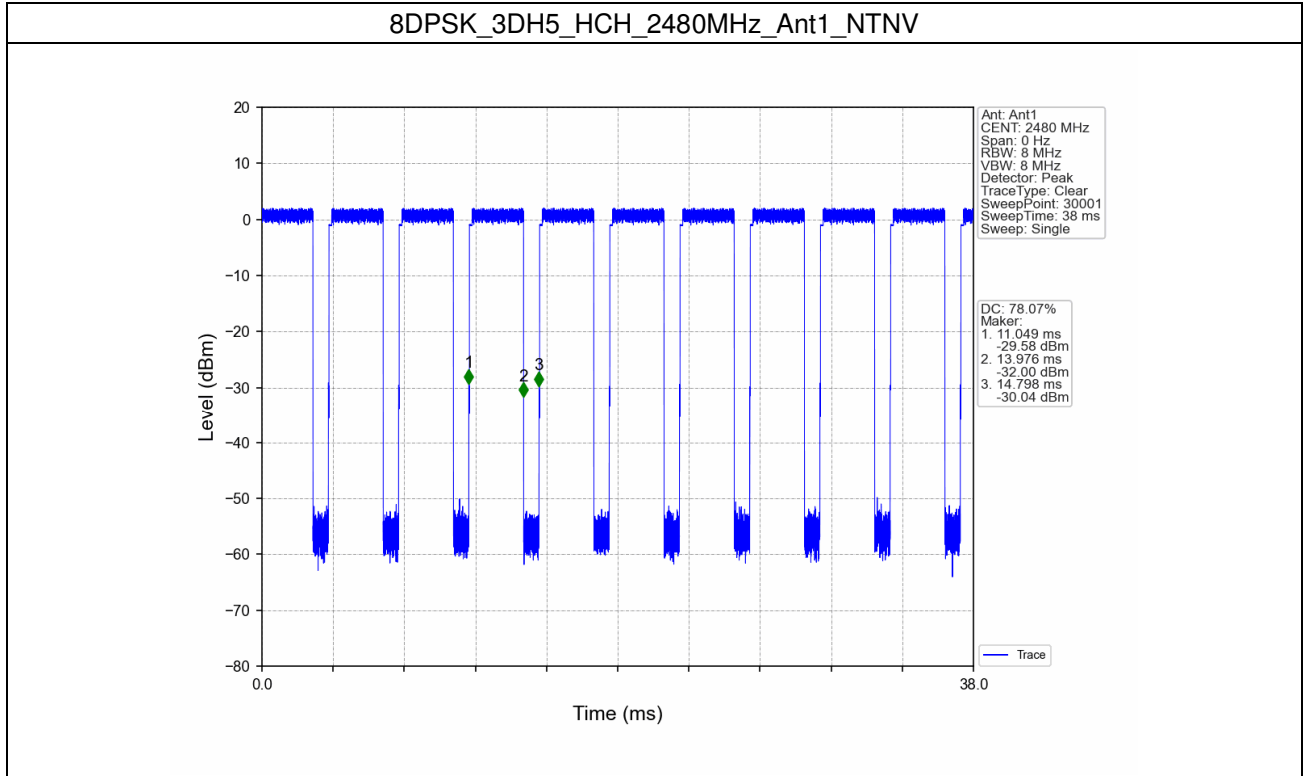
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2. Bandwidth

2.1 OBW

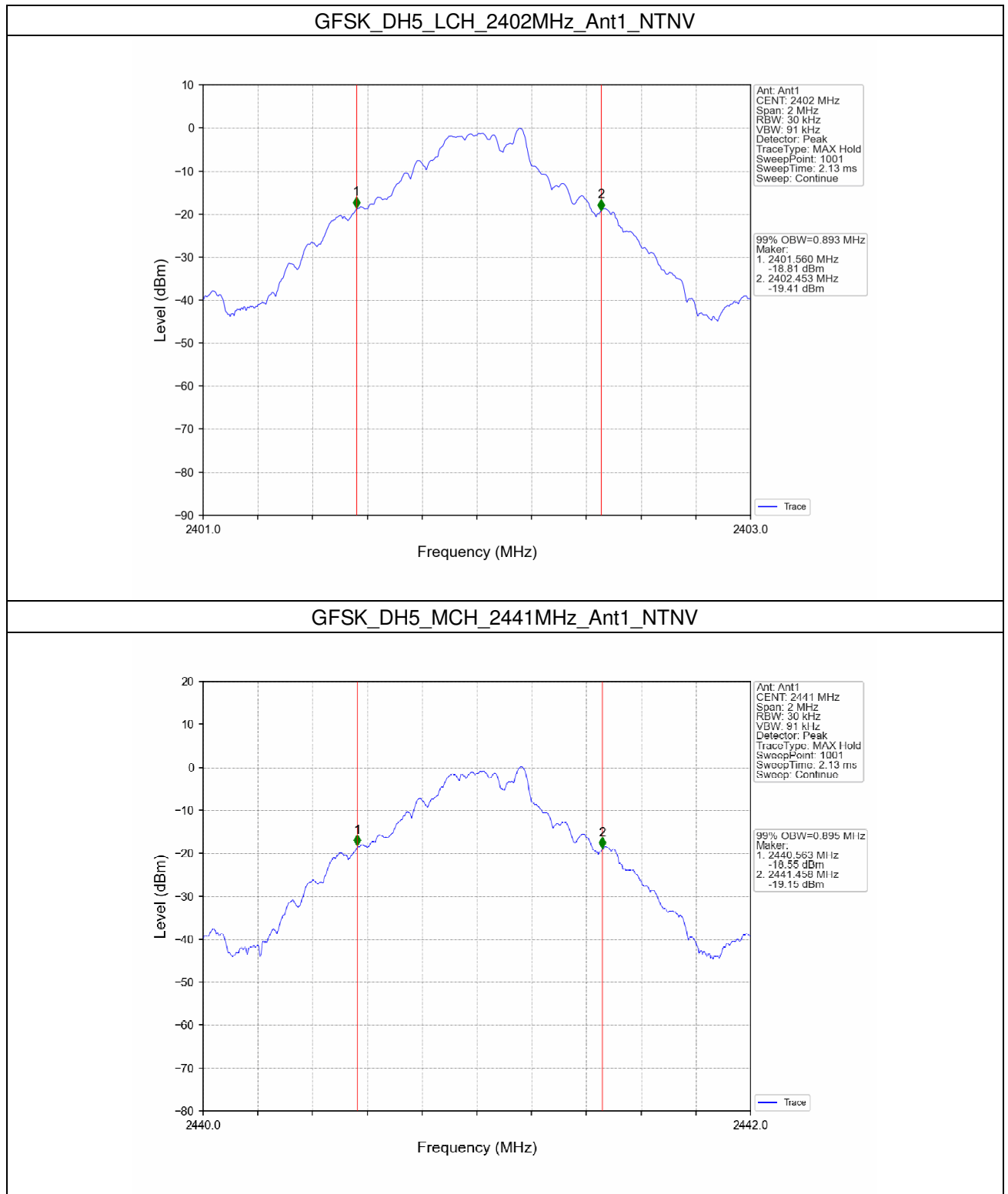
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	99% Occupied Bandwidth (MHz)	Verdict
					Result	
GFSK	SISO	2402	DH5	1	0.893	Pass
		2441	DH5	1	0.895	Pass
		2480	DH5	1	0.896	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.202	Pass
		2441	2DH5	1	1.202	Pass
		2480	2DH5	1	1.203	Pass
8DPSK	SISO	2402	3DH5	1	1.203	Pass
		2441	3DH5	1	1.205	Pass
		2480	3DH5	1	1.206	Pass



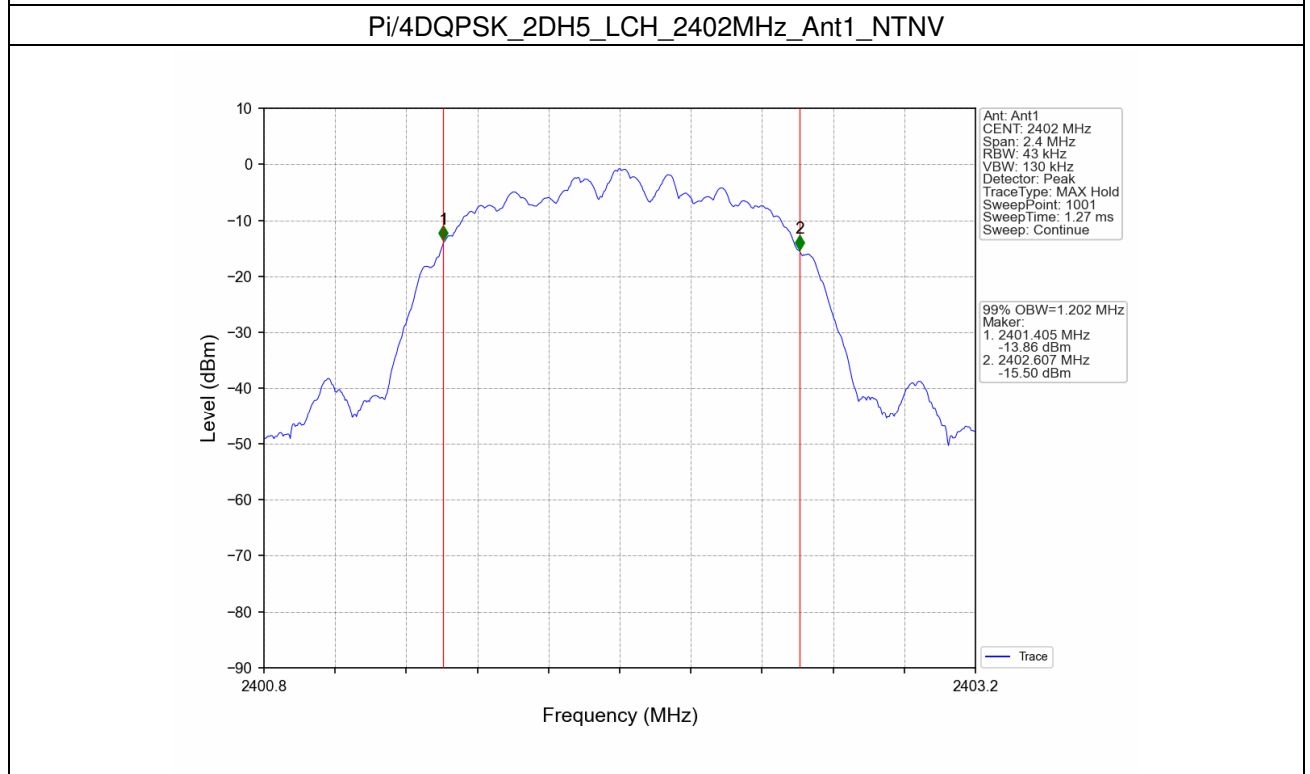
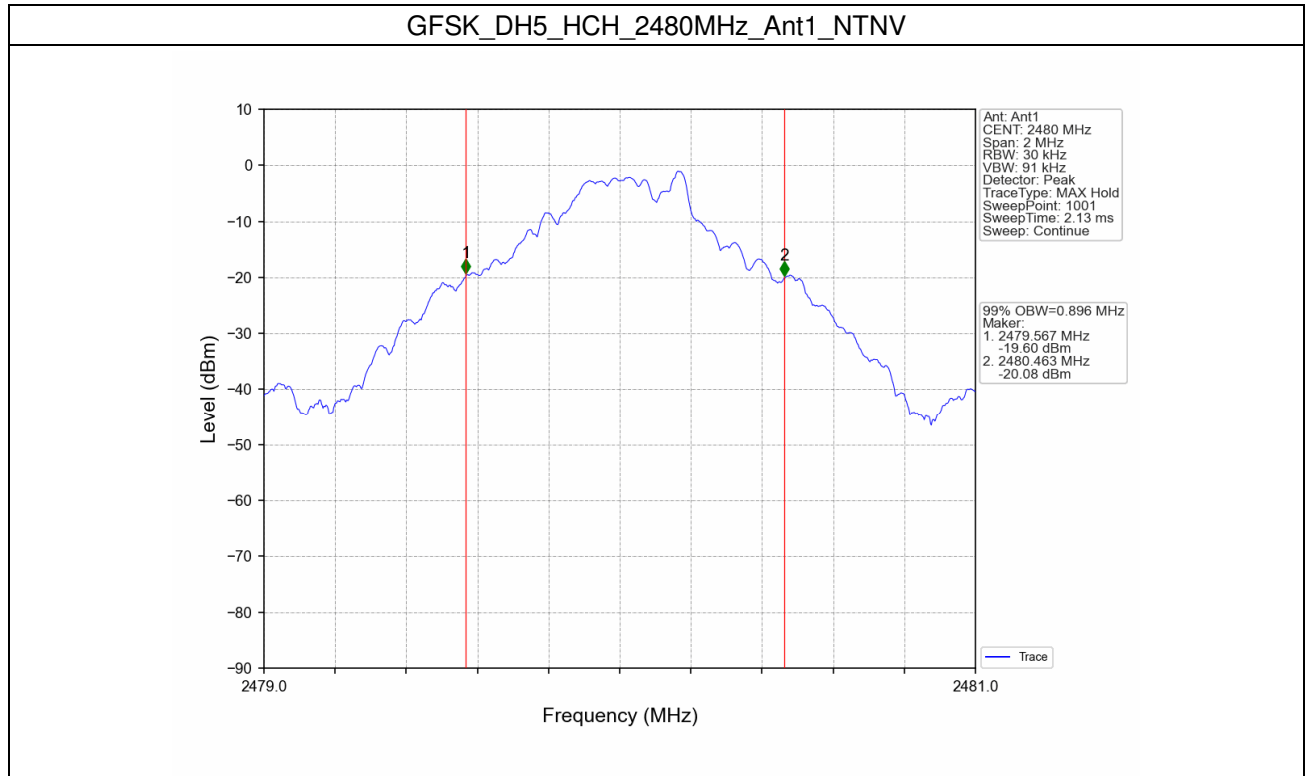
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2.1.2 Test Graph



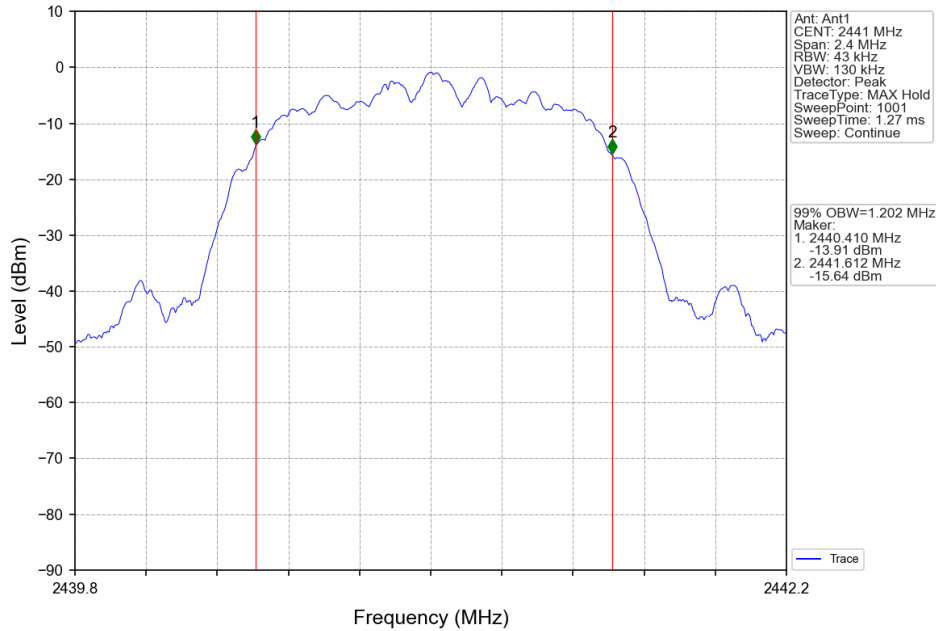
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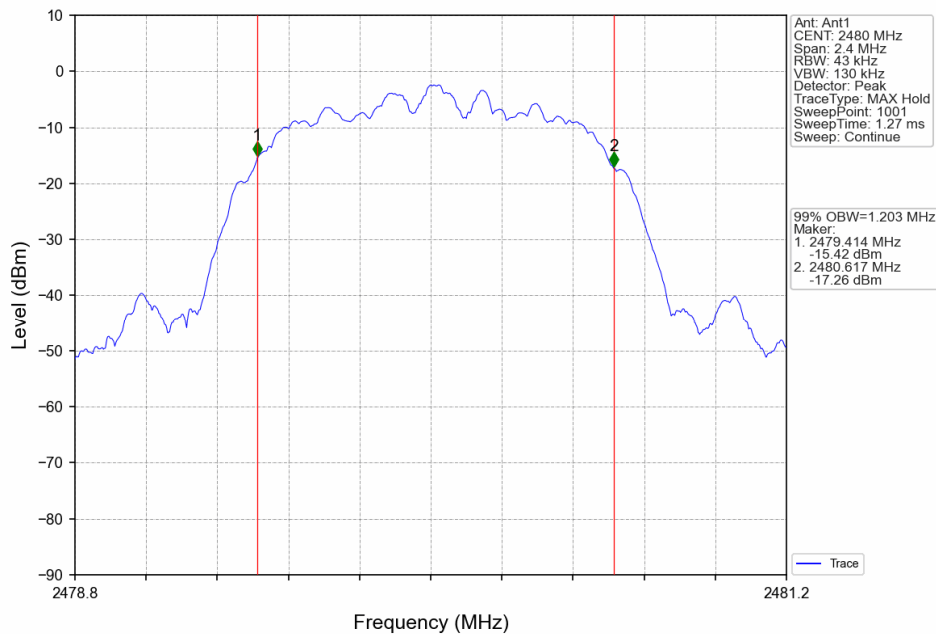


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Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV

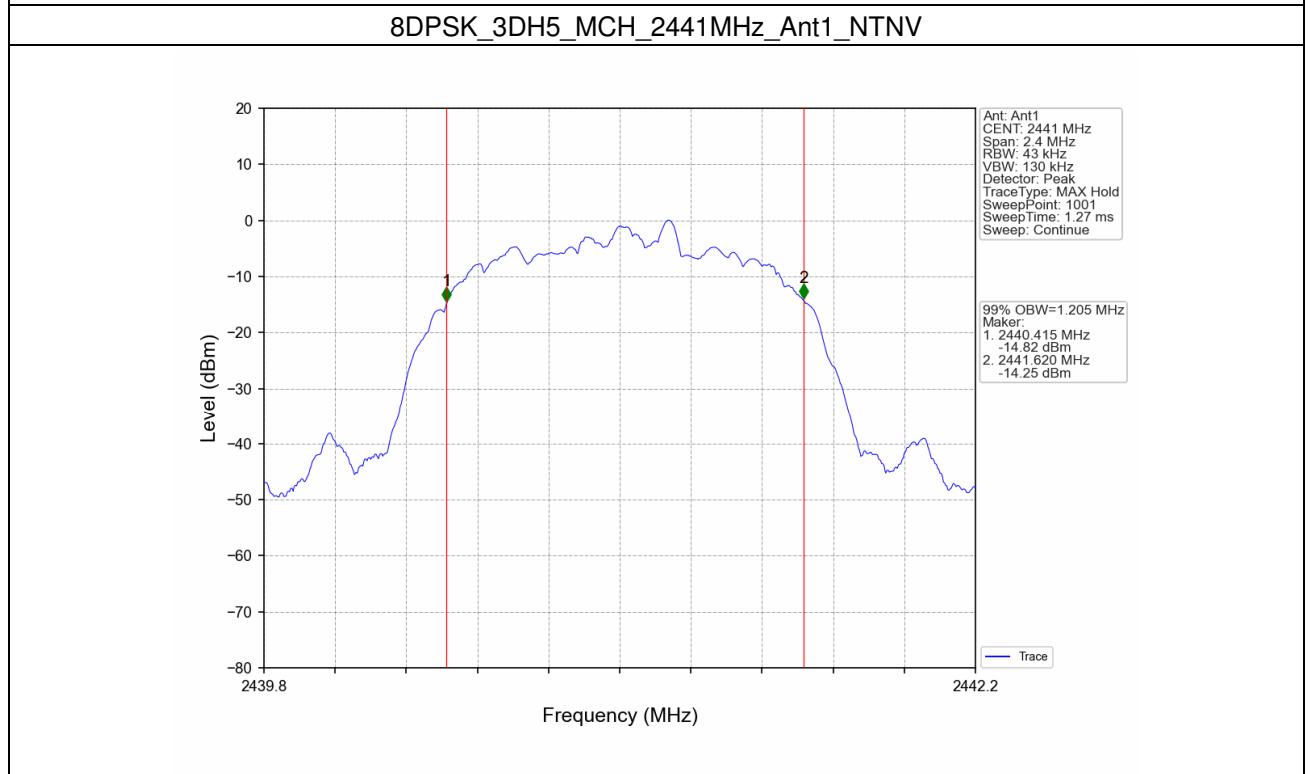
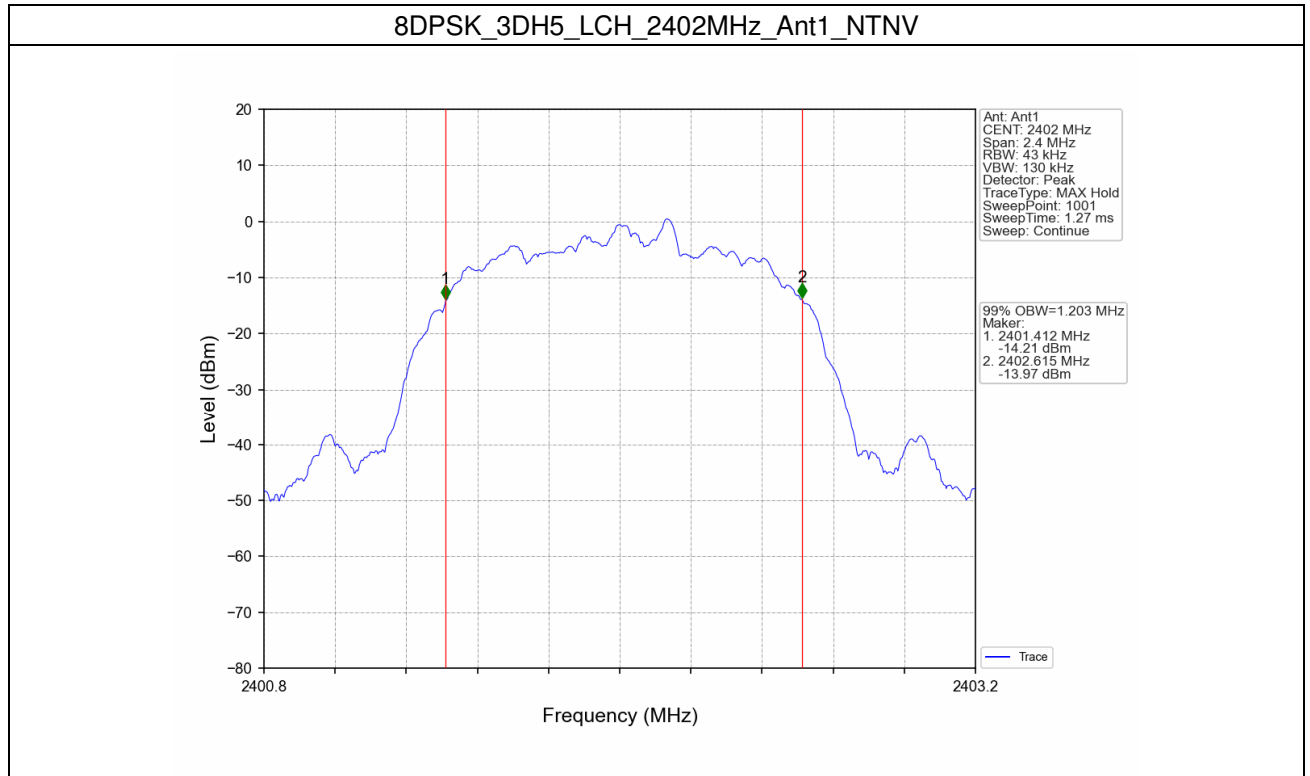


Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



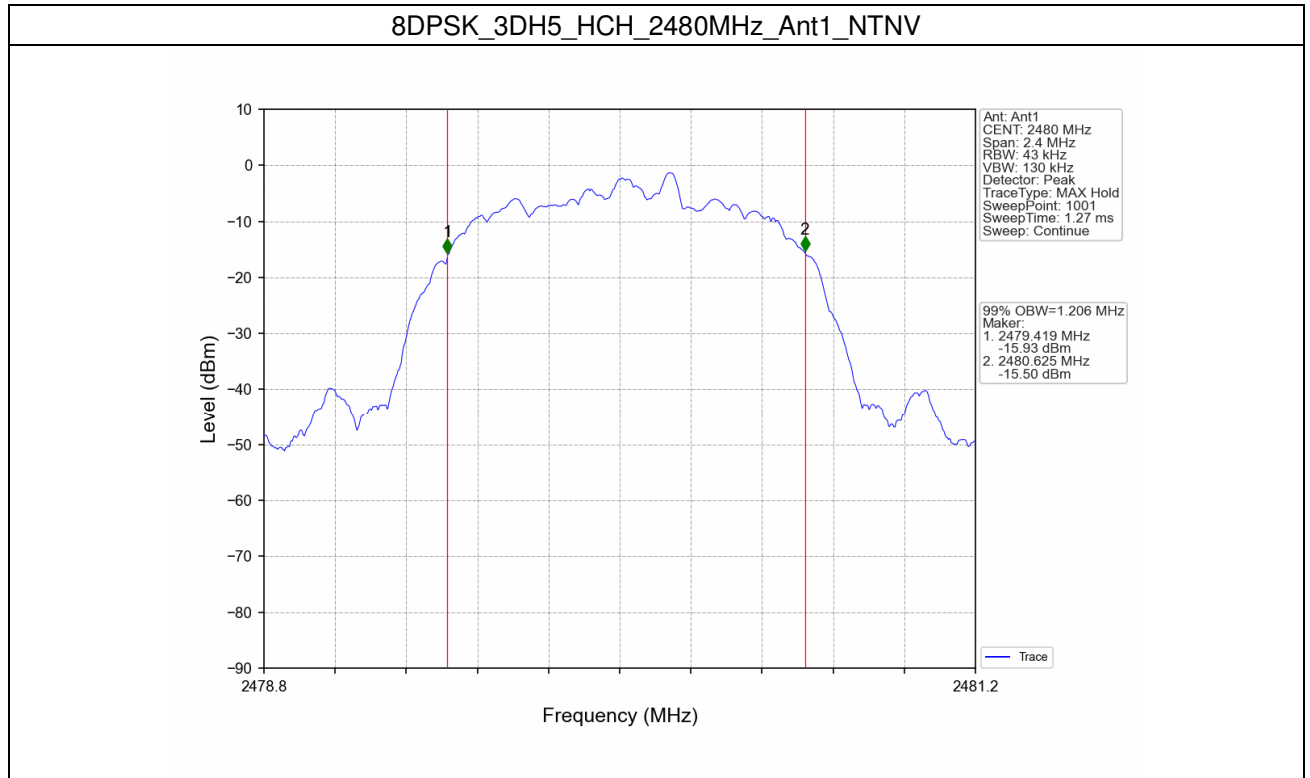
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2.2 20dB BW

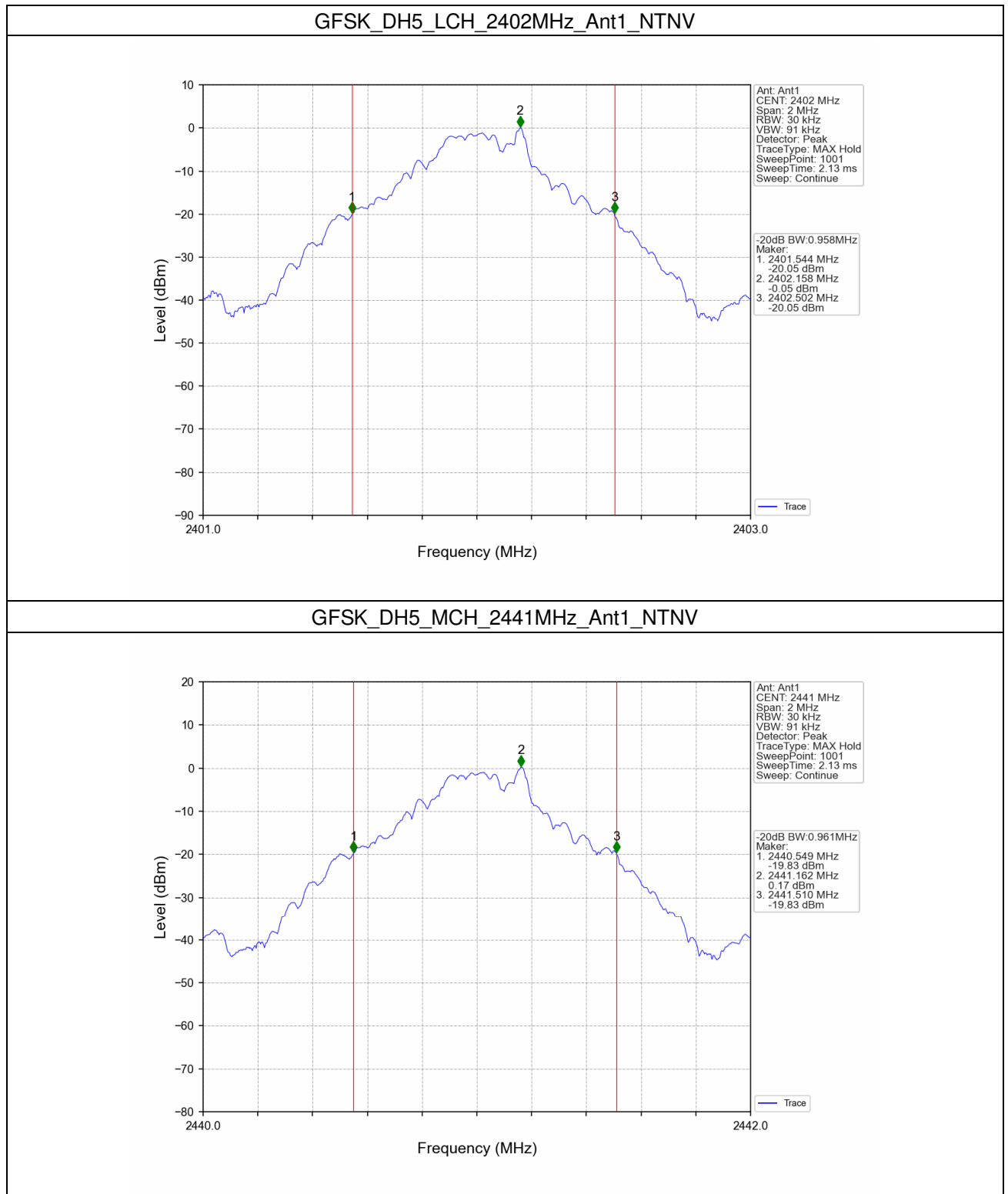
2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	20dB Bandwidth (MHz)	Verdict
					Result	
GFSK	SISO	2402	DH5	1	0.958	Pass
		2441	DH5	1	0.961	Pass
		2480	DH5	1	0.961	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.361	Pass
		2441	2DH5	1	1.362	Pass
		2480	2DH5	1	1.363	Pass
8DPSK	SISO	2402	3DH5	1	1.337	Pass
		2441	3DH5	1	1.331	Pass
		2480	3DH5	1	1.333	Pass



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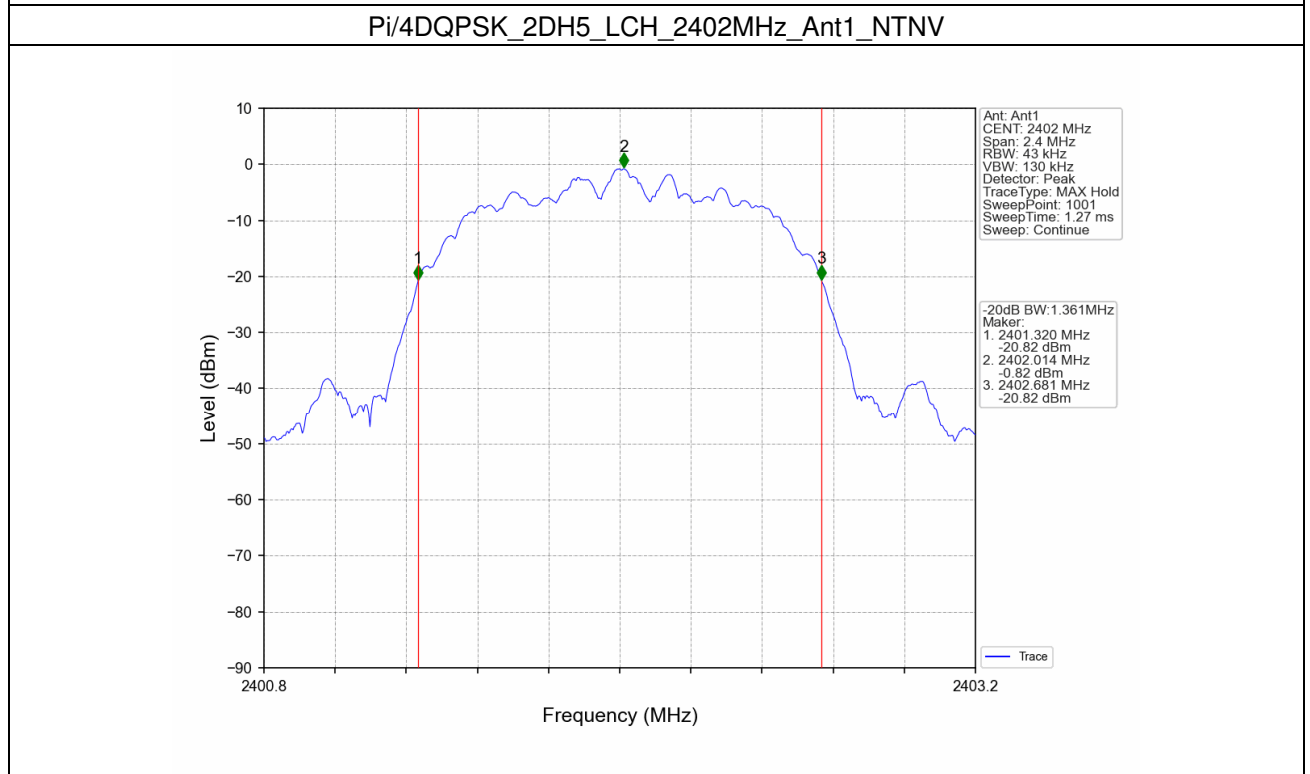
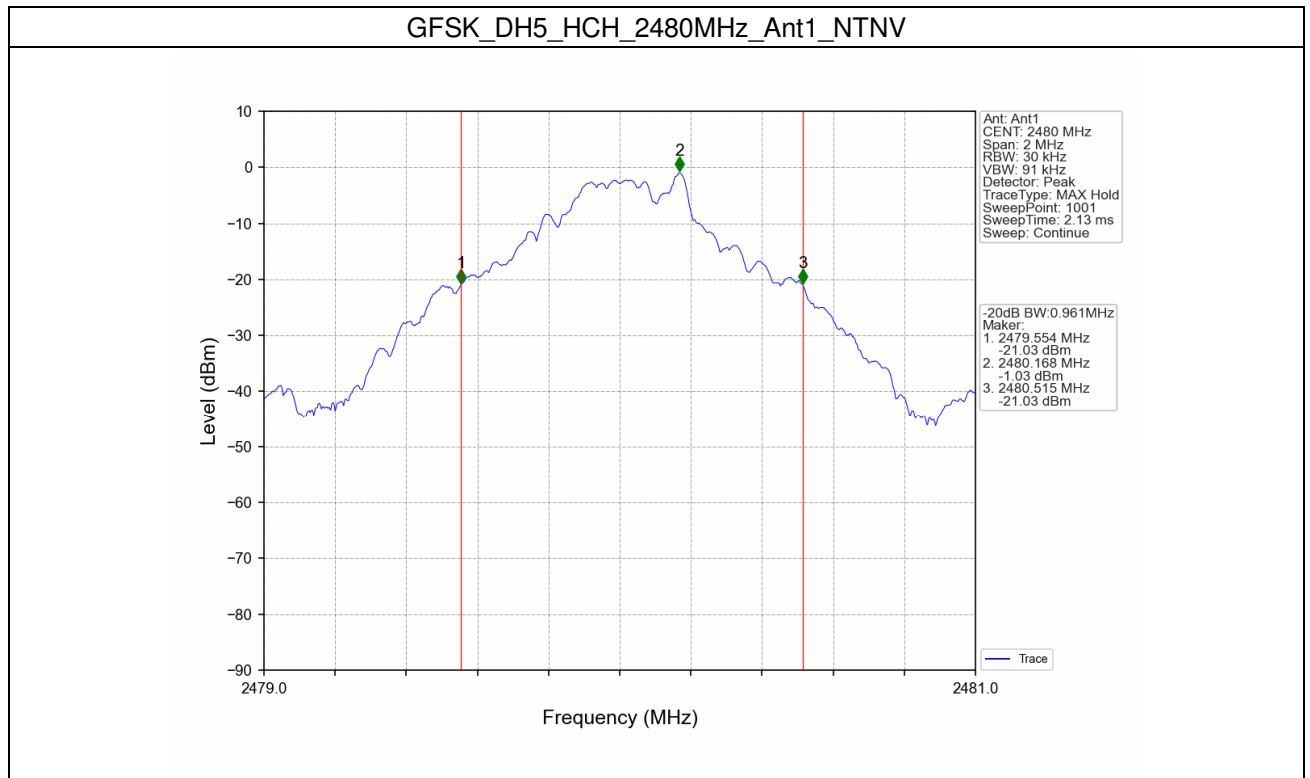
2.2.2 Test Graph



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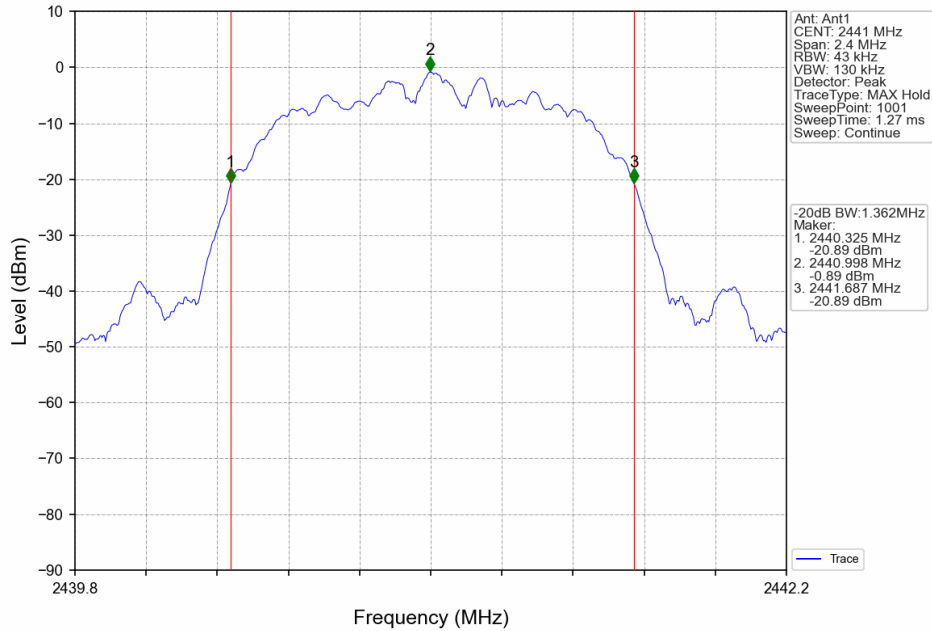
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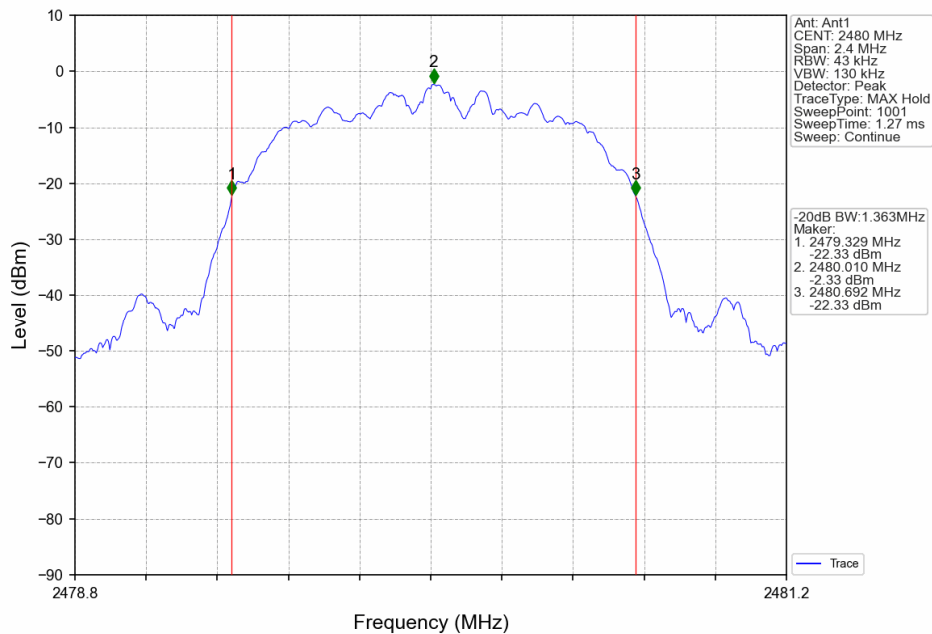
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Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



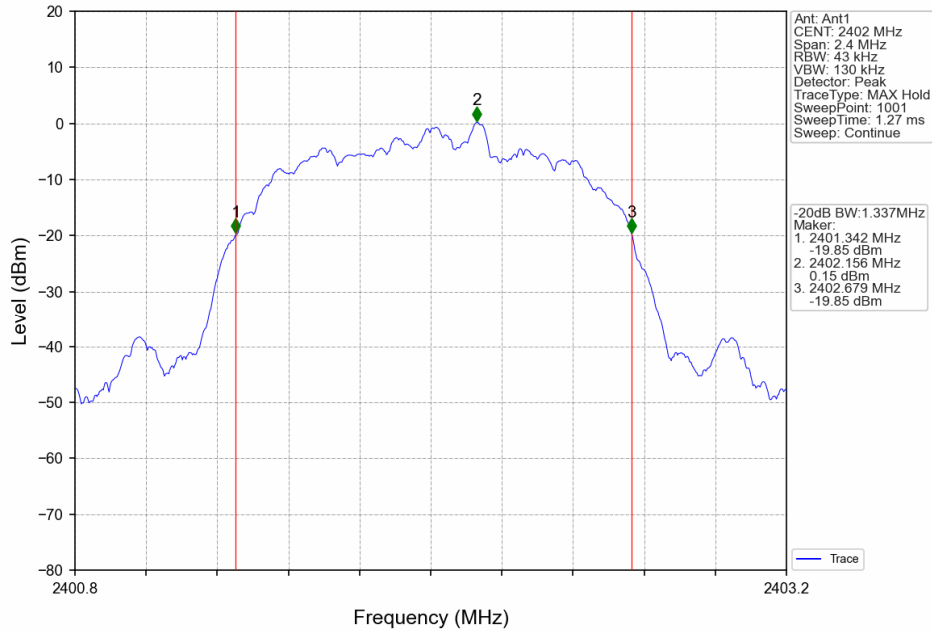
Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



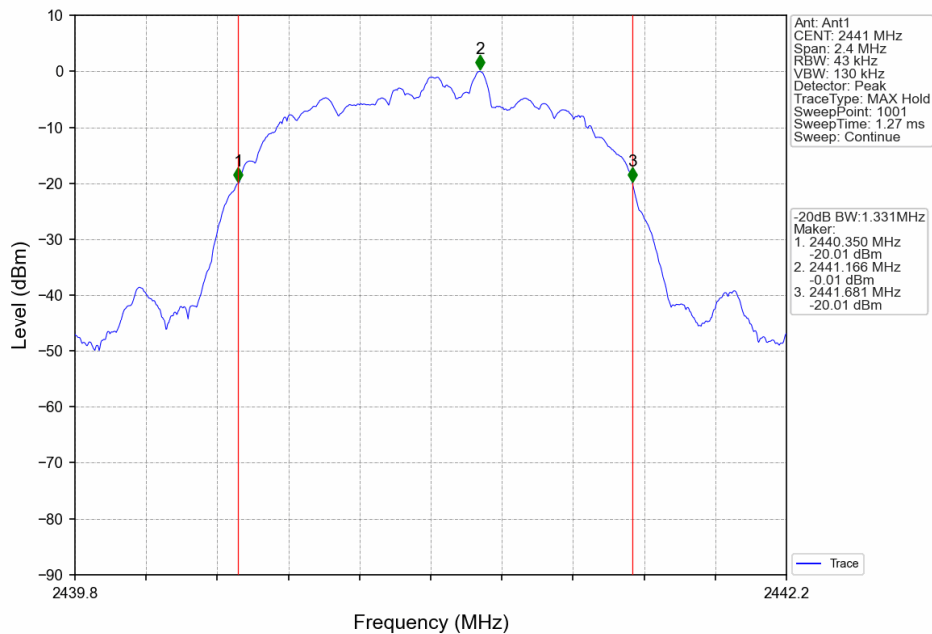
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8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV

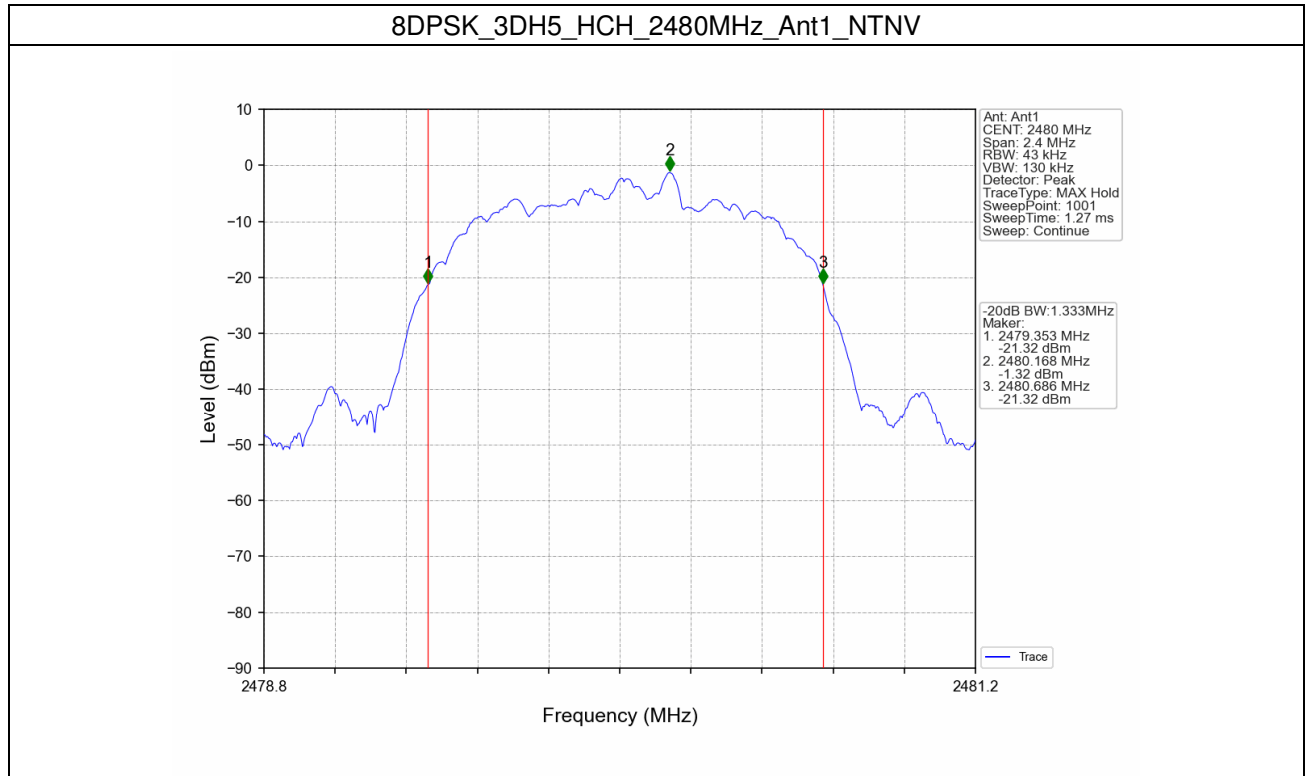


8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	Maximum Peak Conducted Output Power (dBm)		Verdict
				ANT1	Limit	
GFSK	SISO	2402	DH5	1.17	<=30	Pass
		2441	DH5	1.42	<=30	Pass
		2480	DH5	0.26	<=30	Pass
Pi/4DQPSK	SISO	2402	2DH5	2.97	<=20.97	Pass
		2441	2DH5	2.87	<=20.97	Pass
		2480	2DH5	1.43	<=20.97	Pass
8DPSK	SISO	2402	3DH5	3.57	<=20.97	Pass
		2441	3DH5	3.17	<=20.97	Pass
		2480	3DH5	1.91	<=20.97	Pass

4. Carrier Frequency Separation

4.1 Ant1

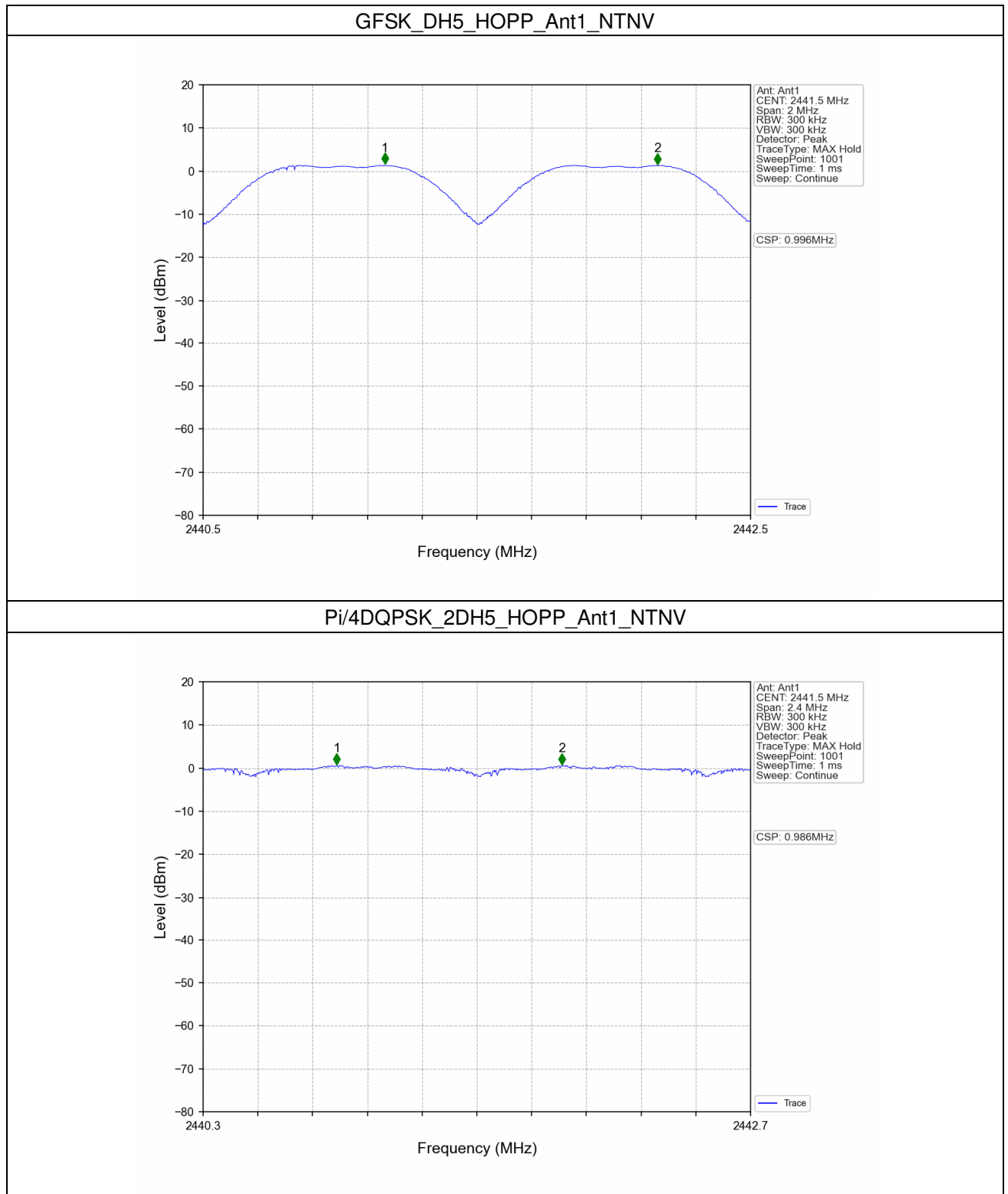
4.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	Packet Type	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
GFSK	SISO	HOPP	DH5	0.996	0.961	>=0.961	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	0.986	1.363	>=0.909	Pass
8DPSK	SISO	HOPP	3DH5	1.001	1.337	>=0.891	Pass



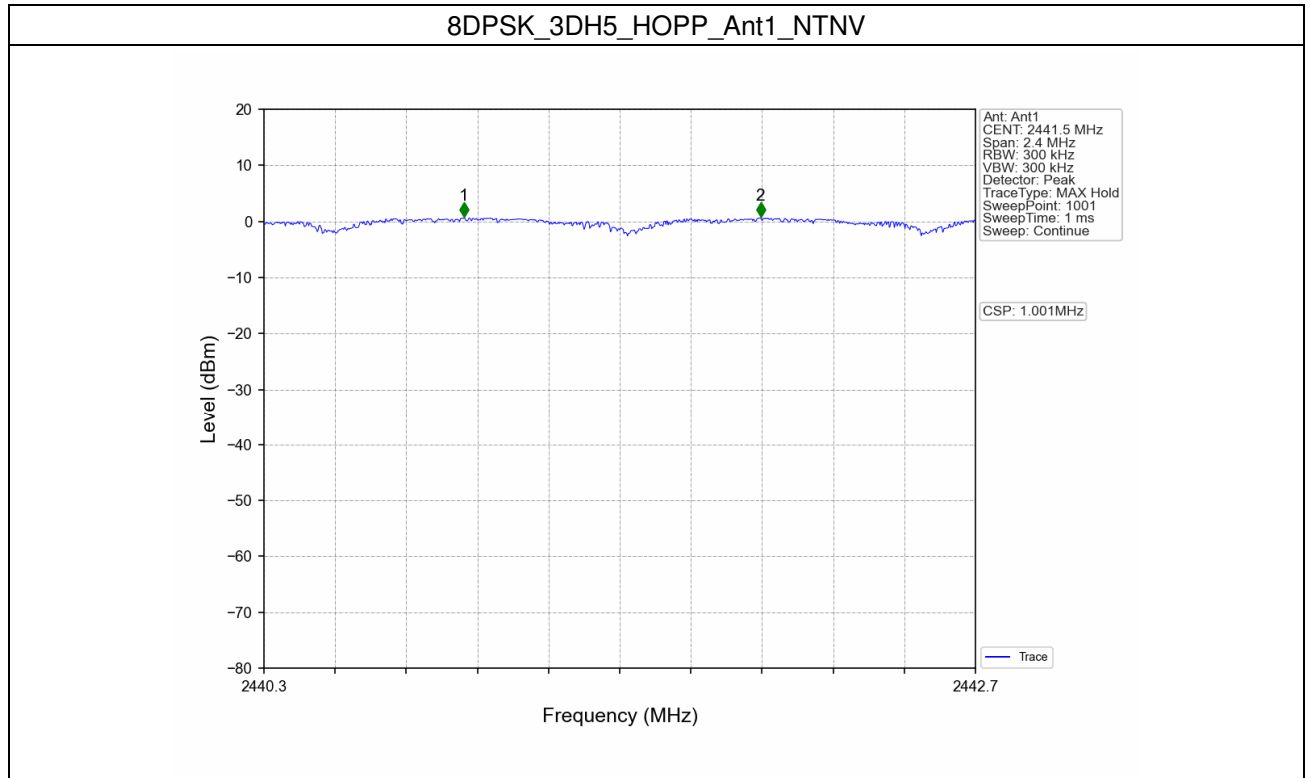
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4.1.2 Test Graph



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5. Number of Hopping Frequencies

5.1 HoppNum

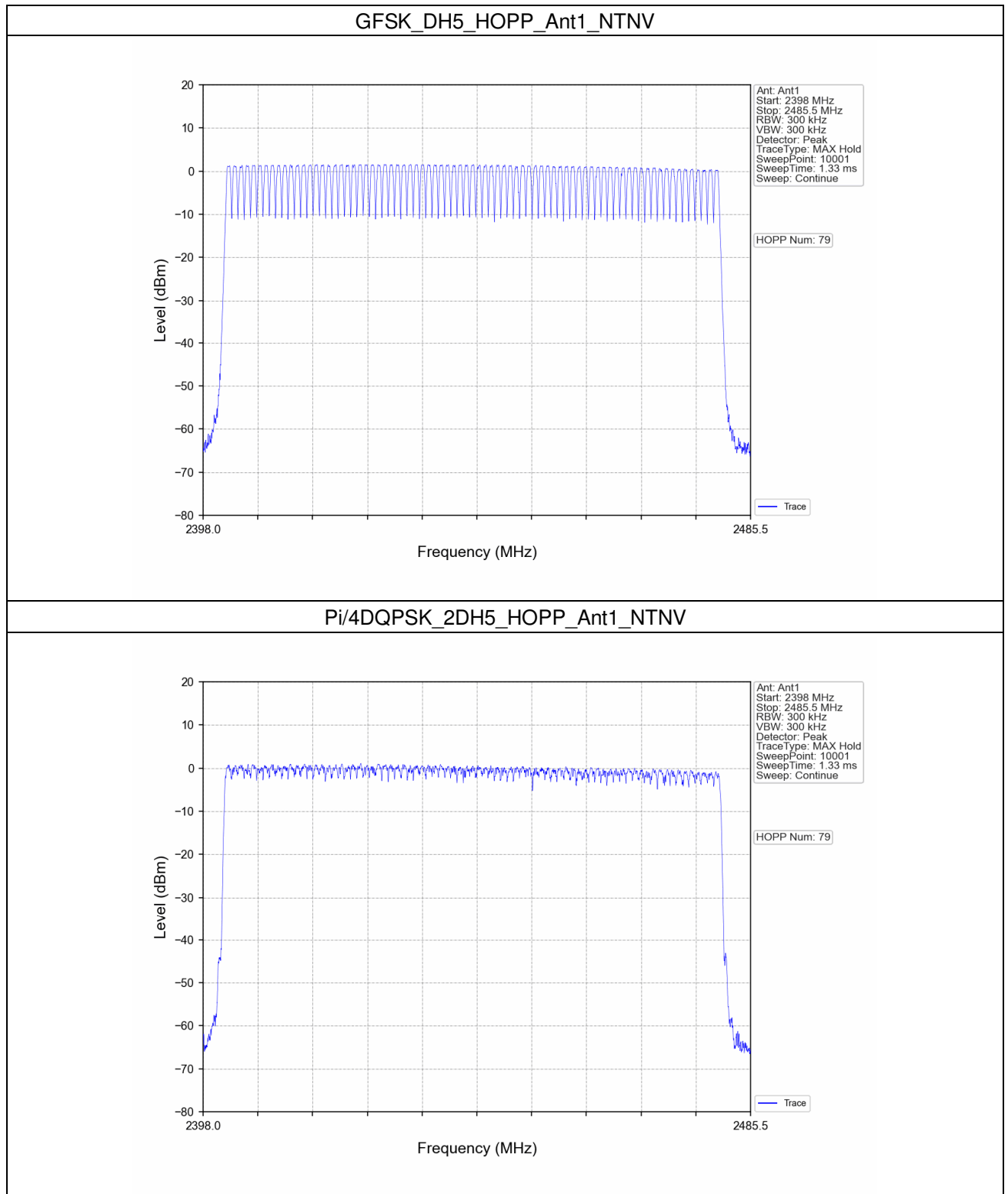
5.1.1 Test Result

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



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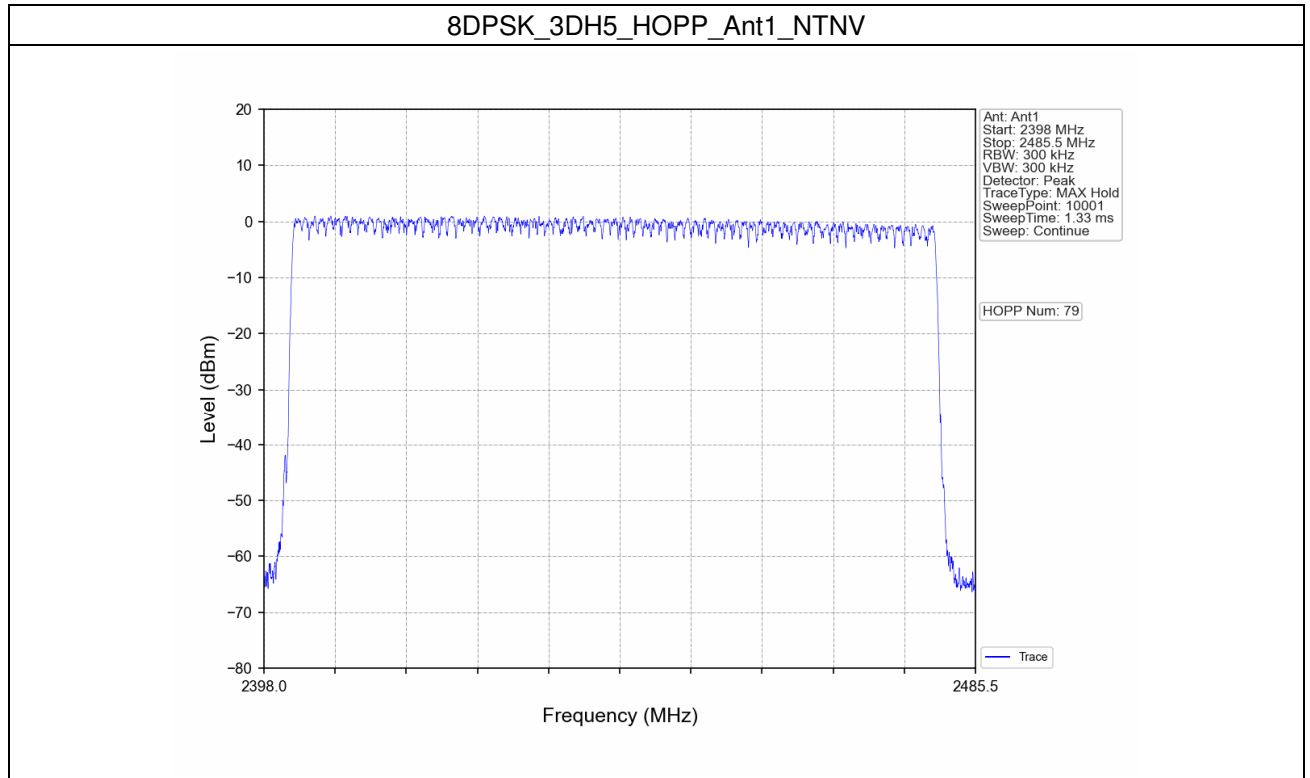
5.1.2 Test Graph



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6. Time of Occupancy (Dwell Time)

6.1 Ant1

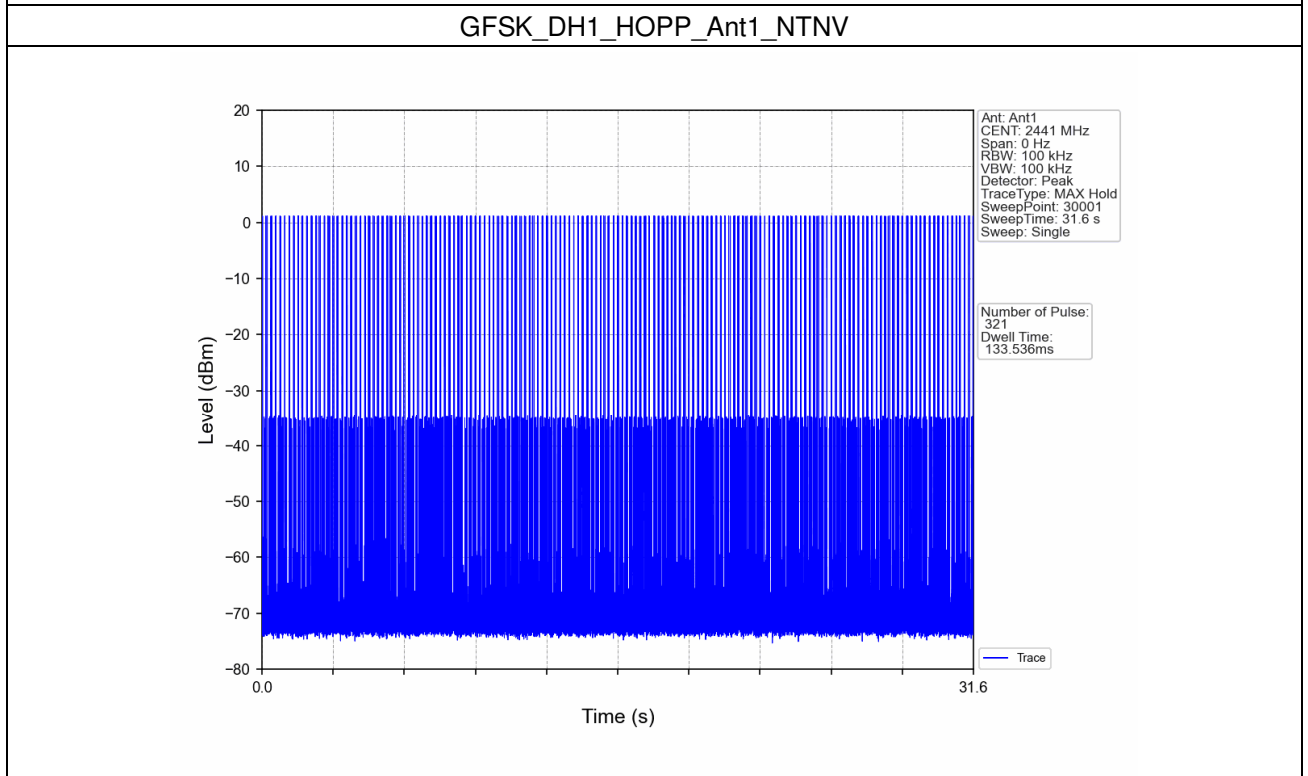
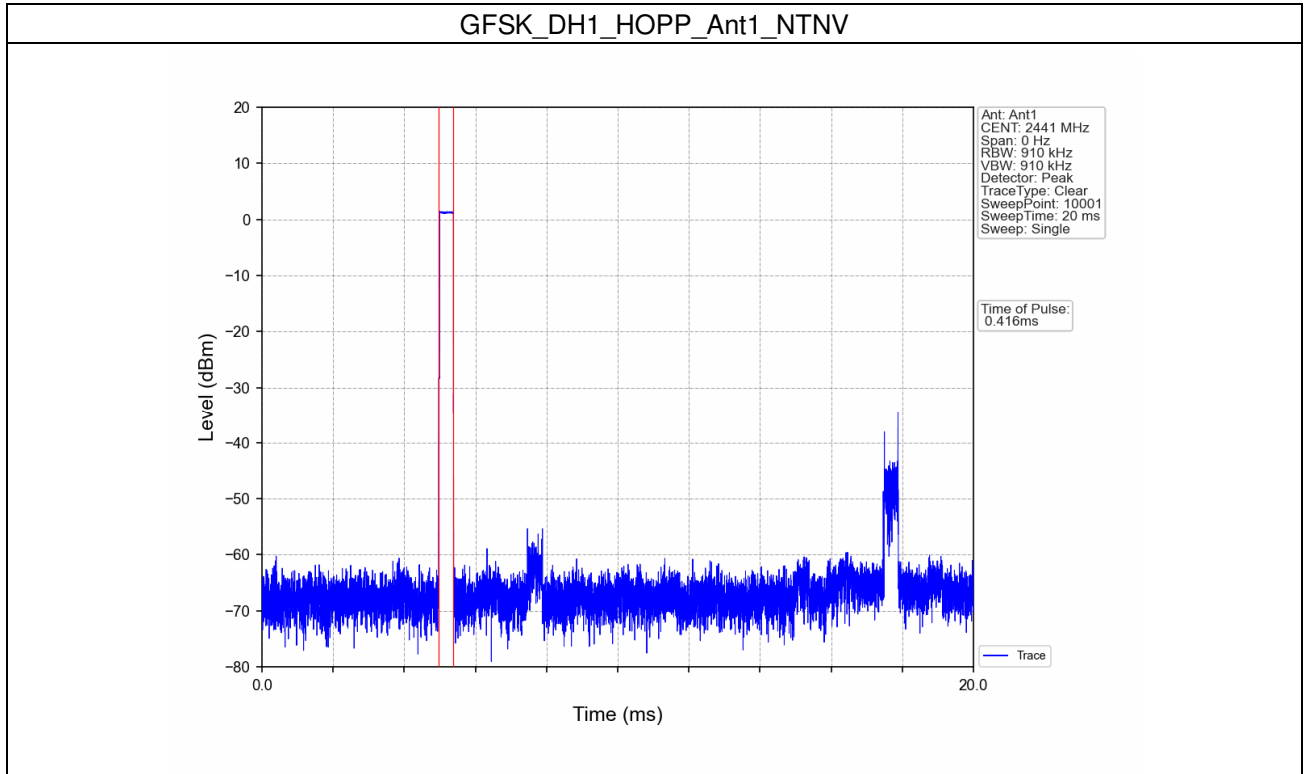
6.1.1 Test Result

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	0.416	31.600	321	133.536	<=400	Pass
			DH3	1.678	31.600	159	266.802	<=400	Pass
			DH5	2.928	31.600	106	310.368	<=400	Pass
Pi/4DQPSK	SISO	HOPP	2DH1	0.430	31.600	319	137.170	<=400	Pass
			2DH3	1.680	31.600	148	248.640	<=400	Pass
			2DH5	2.930	31.600	103	301.790	<=400	Pass
8DPSK	SISO	HOPP	3DH1	0.394	31.600	319	125.686	<=400	Pass
			3DH3	1.680	31.600	159	267.120	<=400	Pass
			3DH5	2.930	31.600	104	304.720	<=400	Pass



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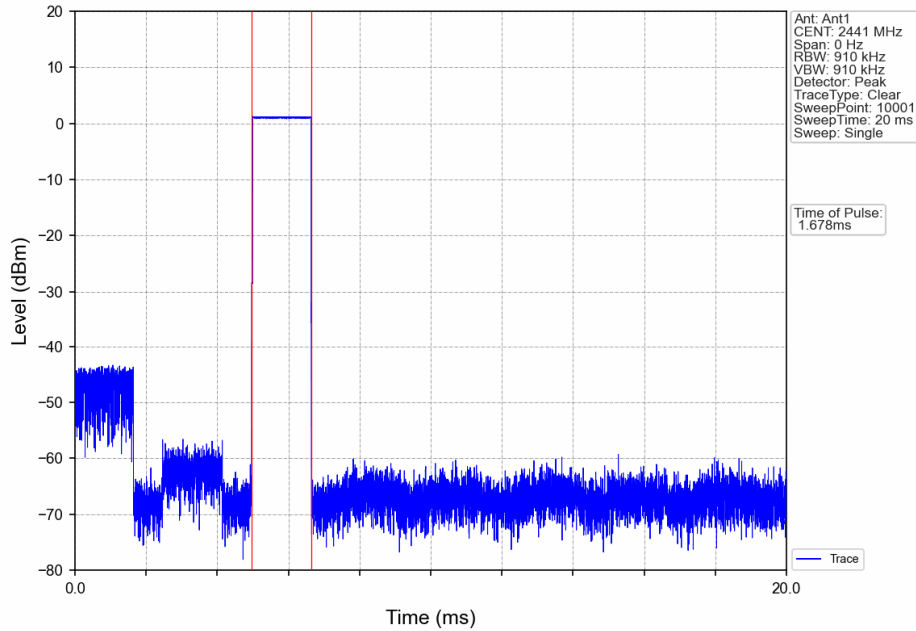
6.1.2 Test Graph



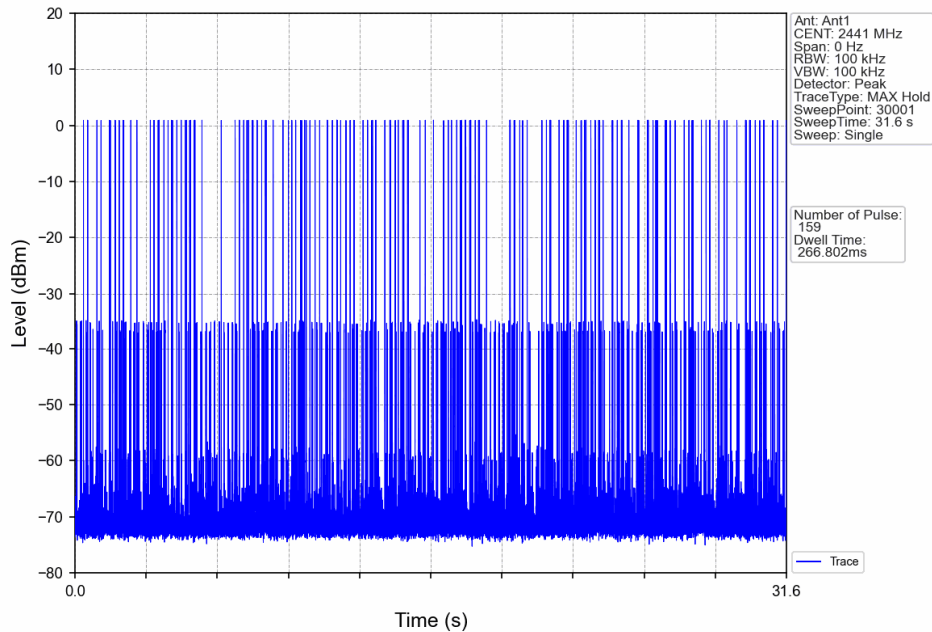
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GFSK_DH3_HOPP_Ant1_NTNV

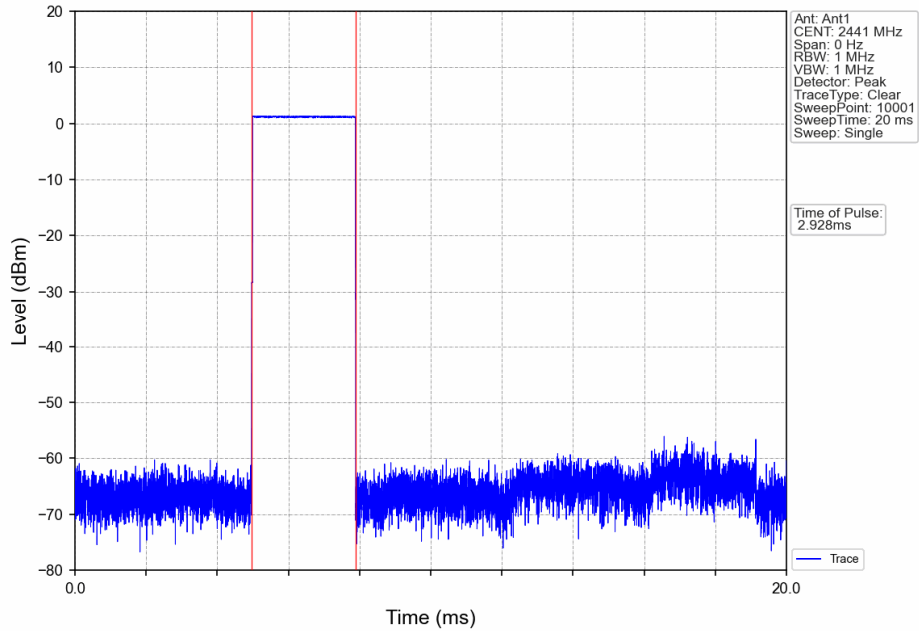


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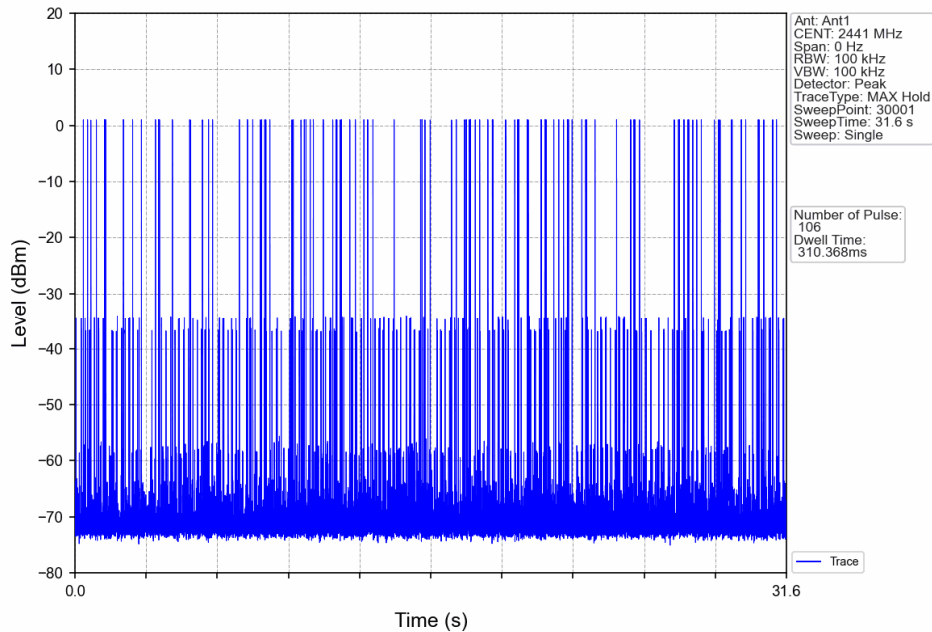


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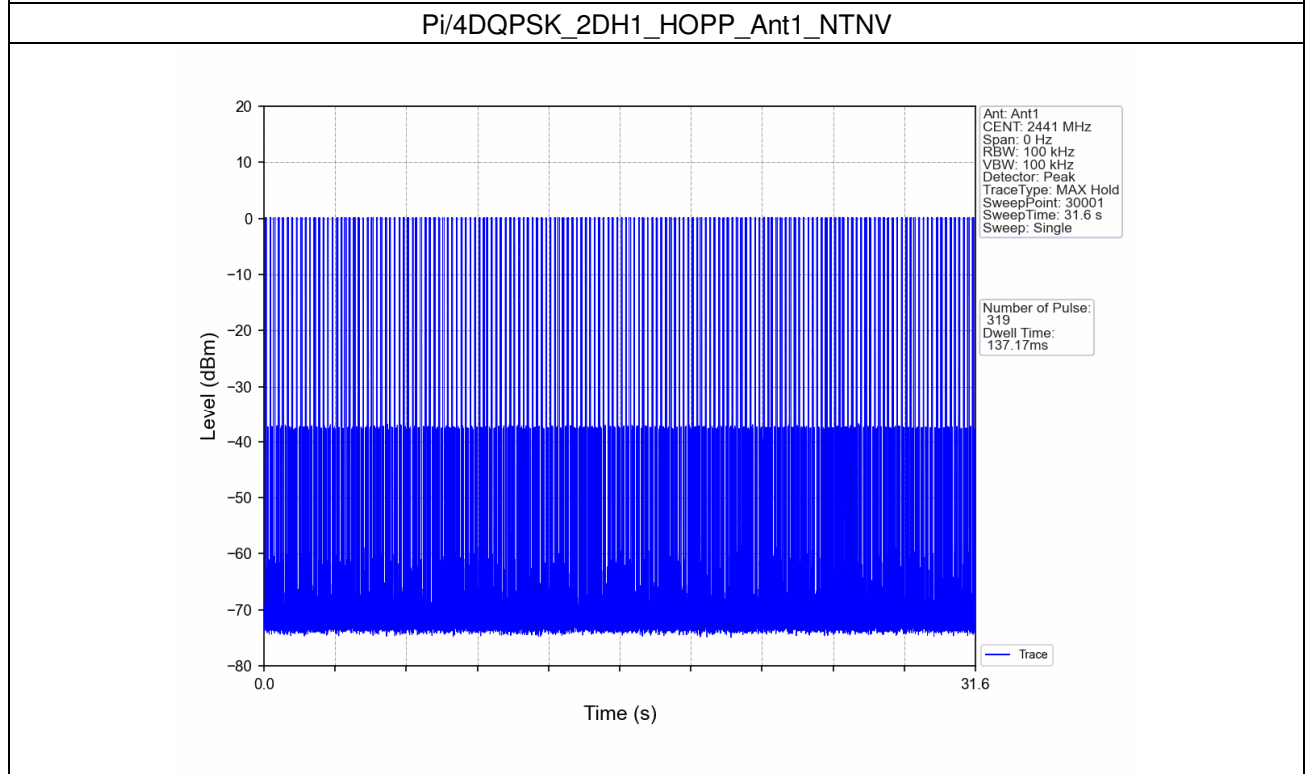
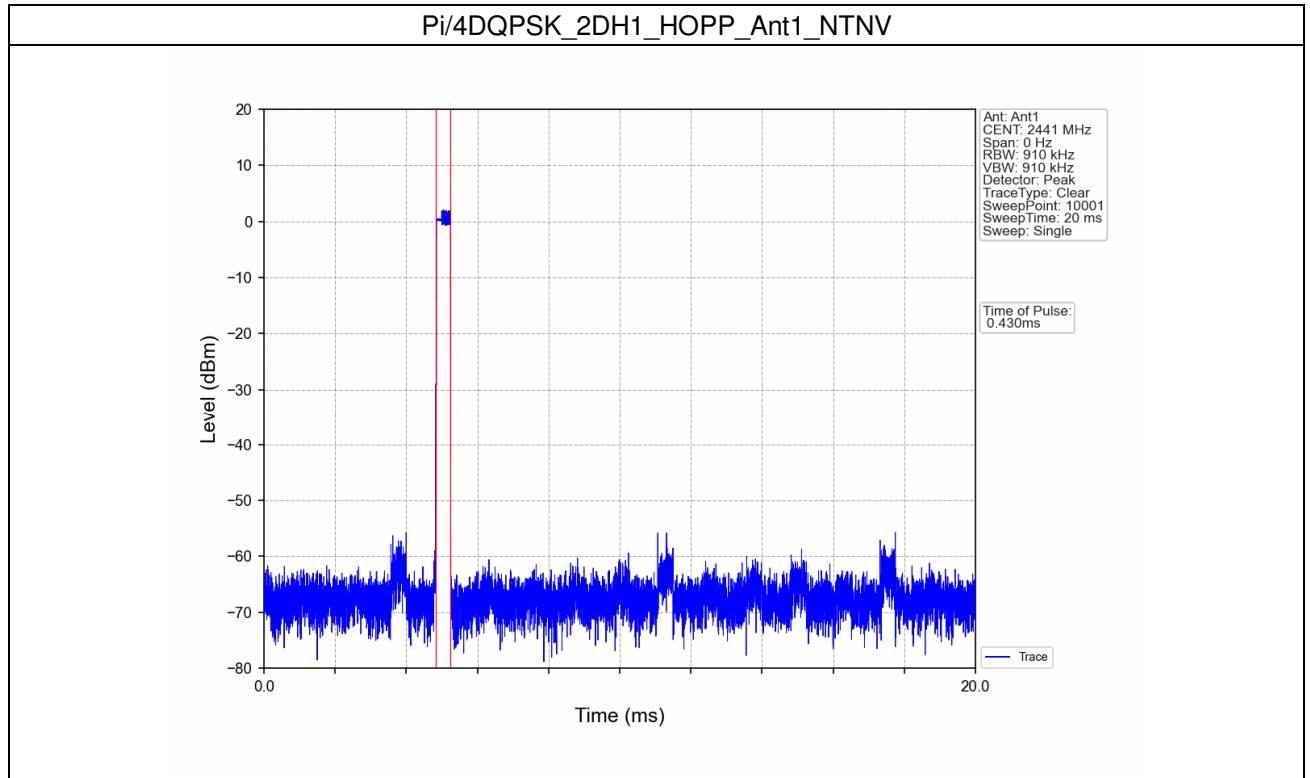
GFSK_DH5_HOPP_Ant1_NTNV



GFSK_DH5_HOPP_Ant1_NTNV

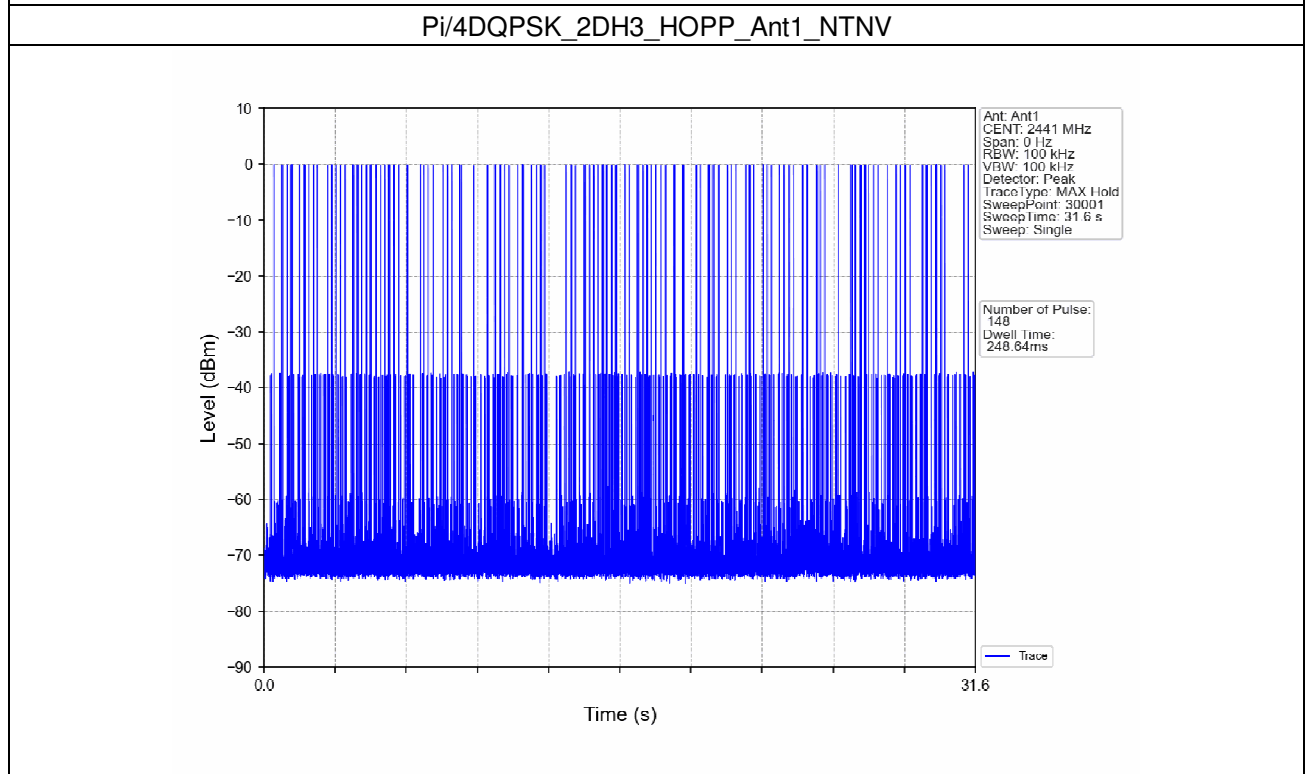
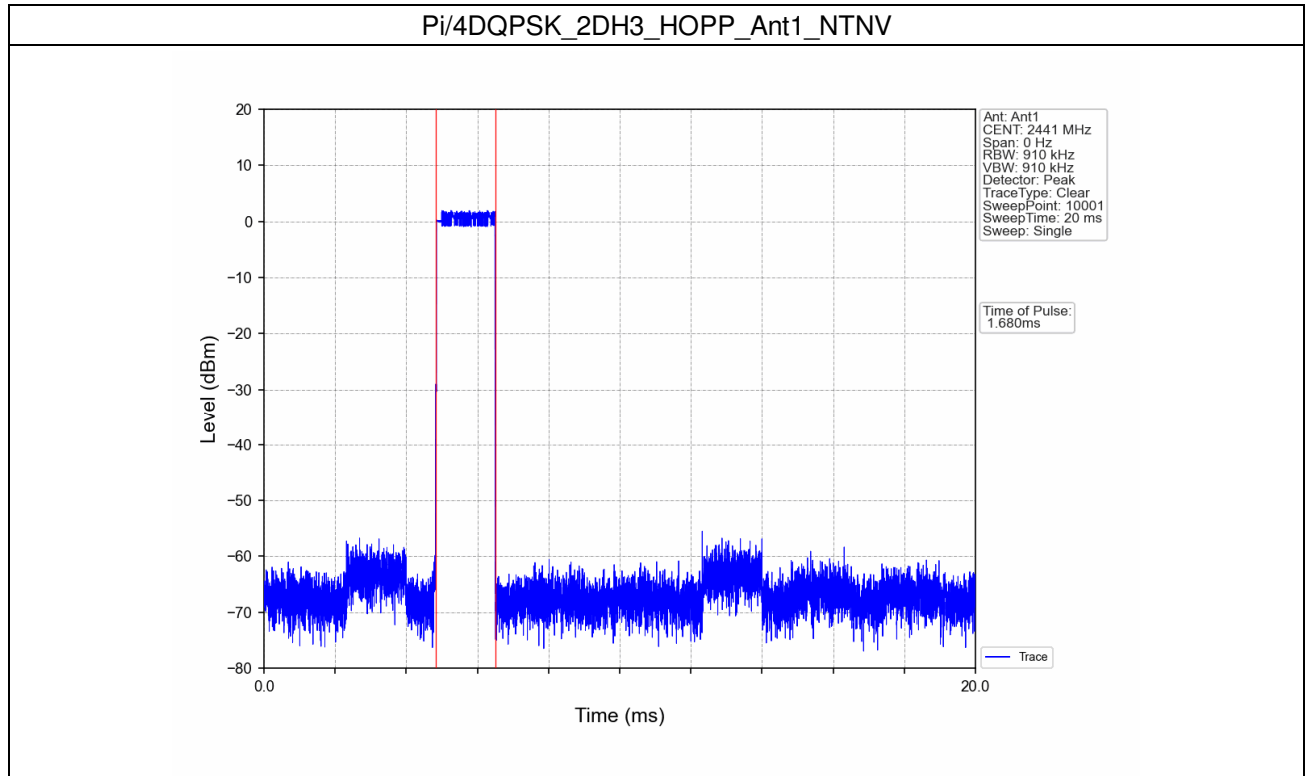


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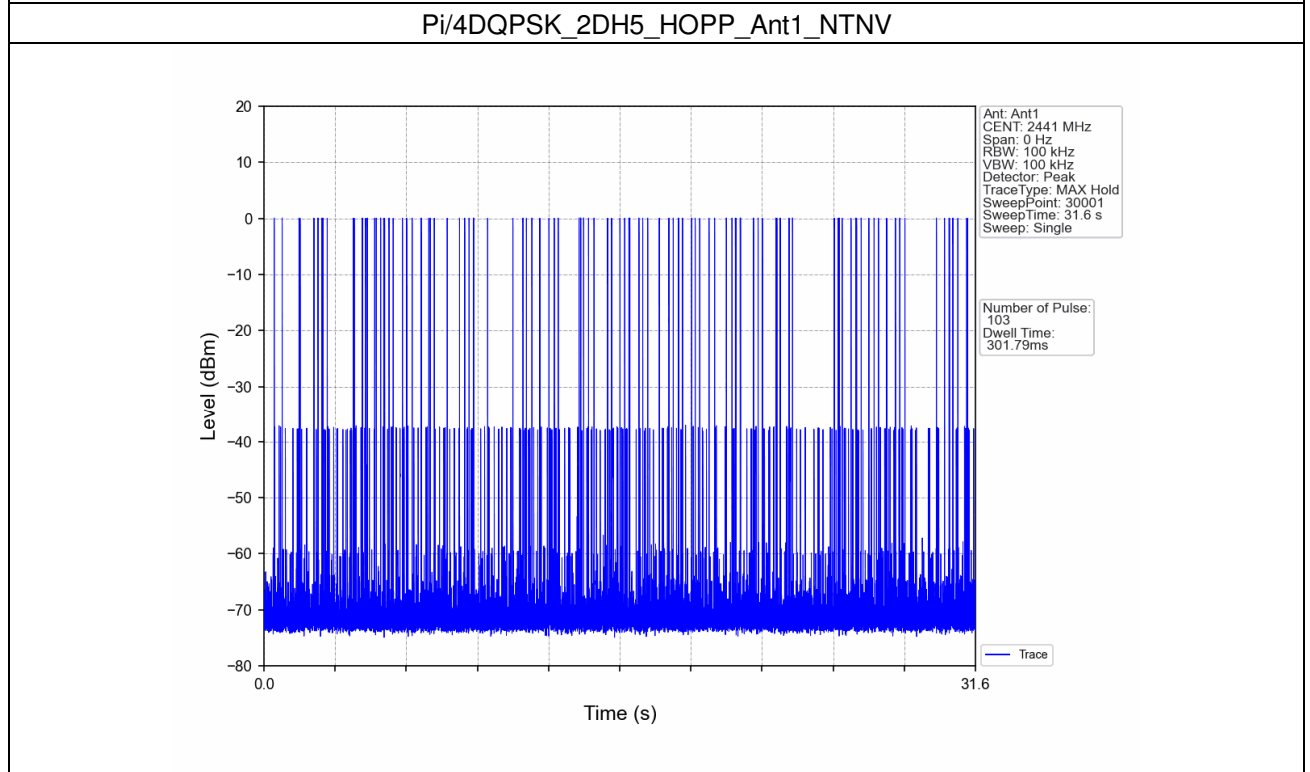
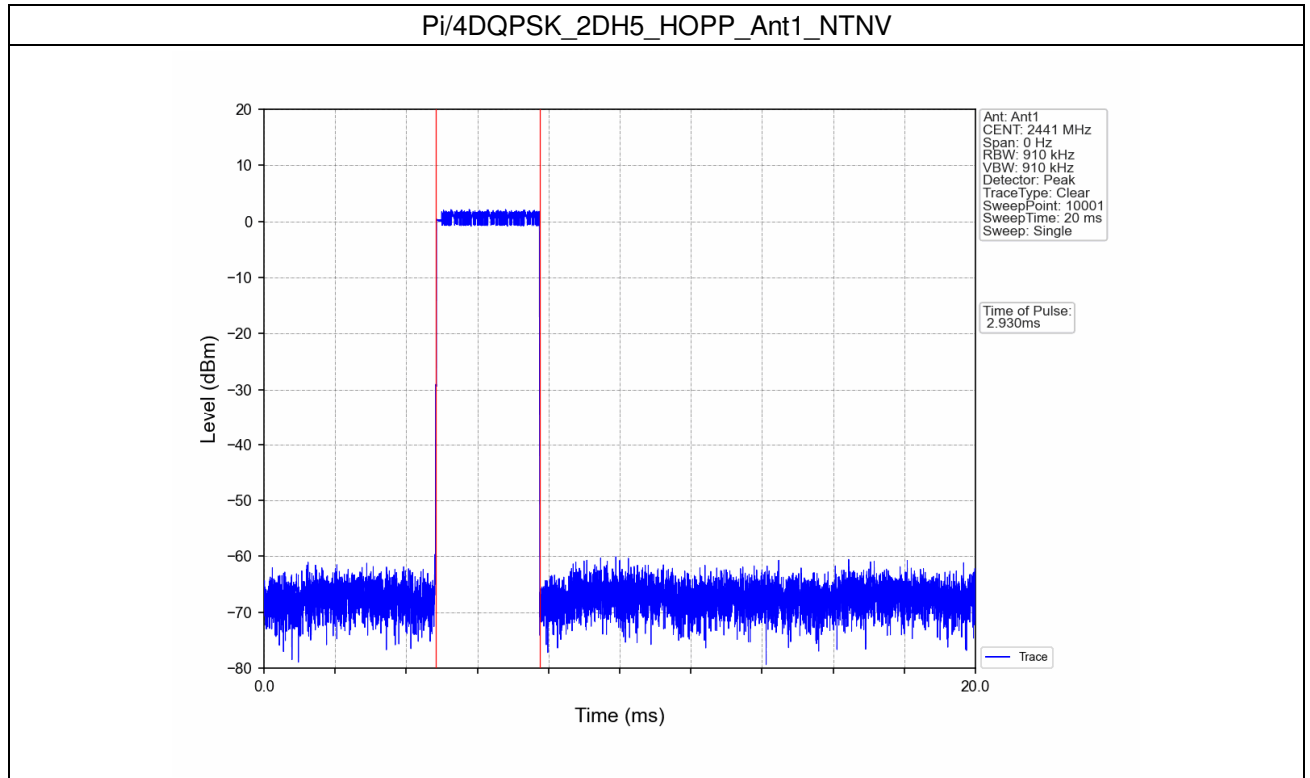
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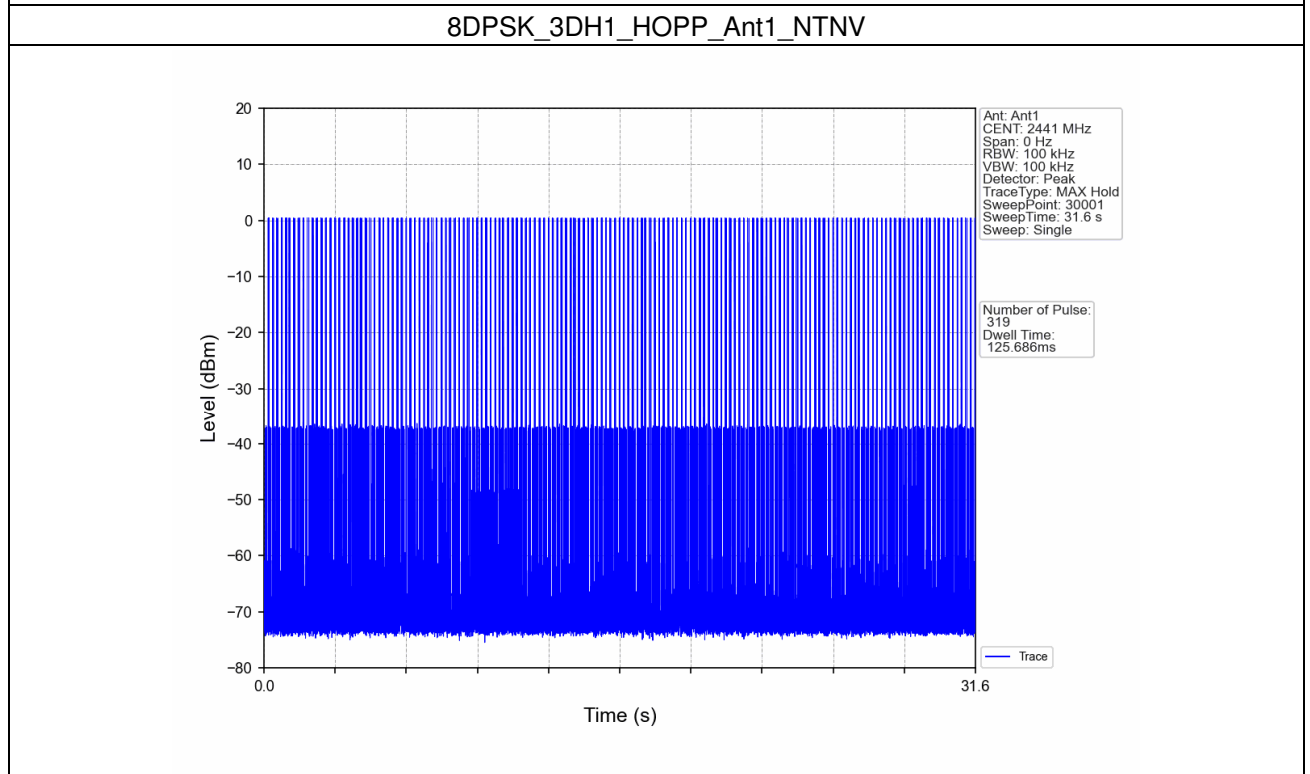
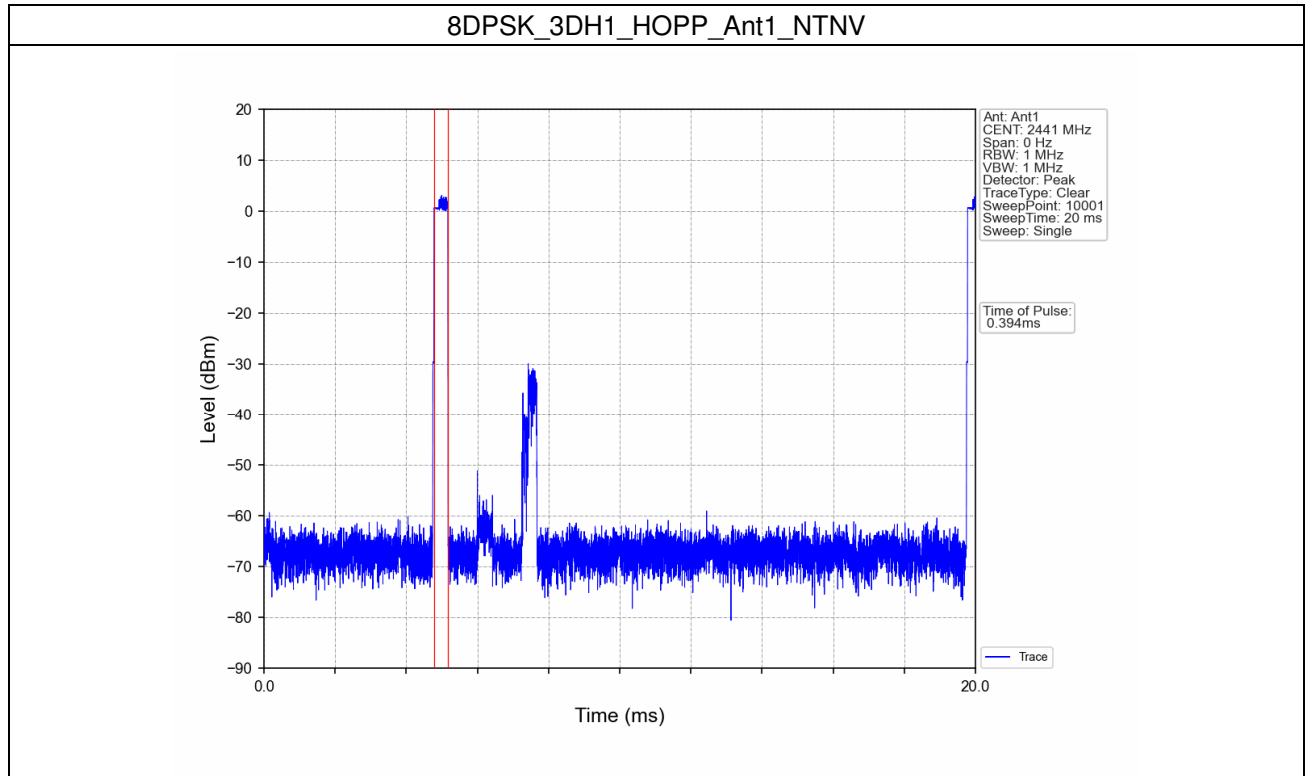
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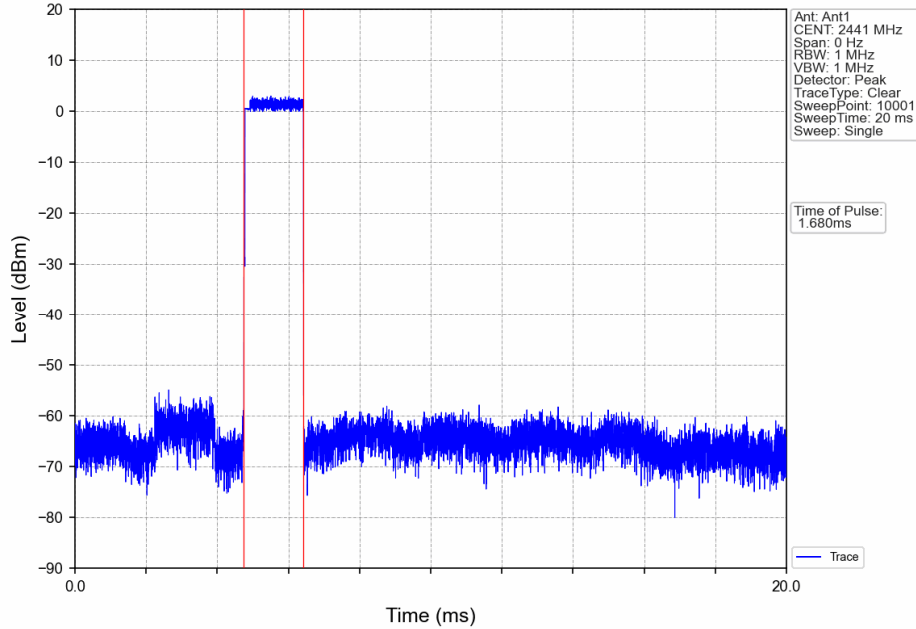
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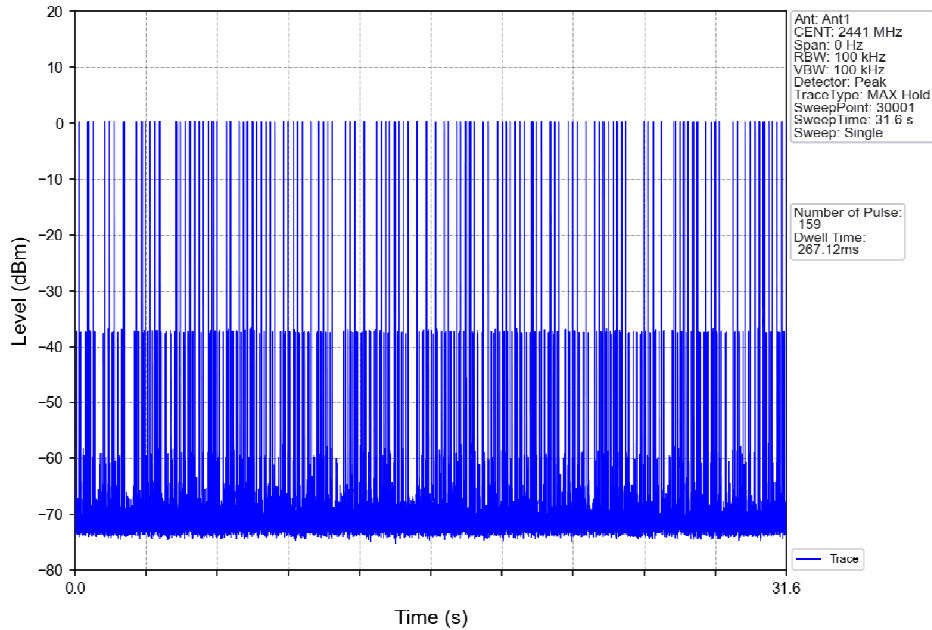
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8DPSK_3DH3_HOPP_Ant1_NTNV

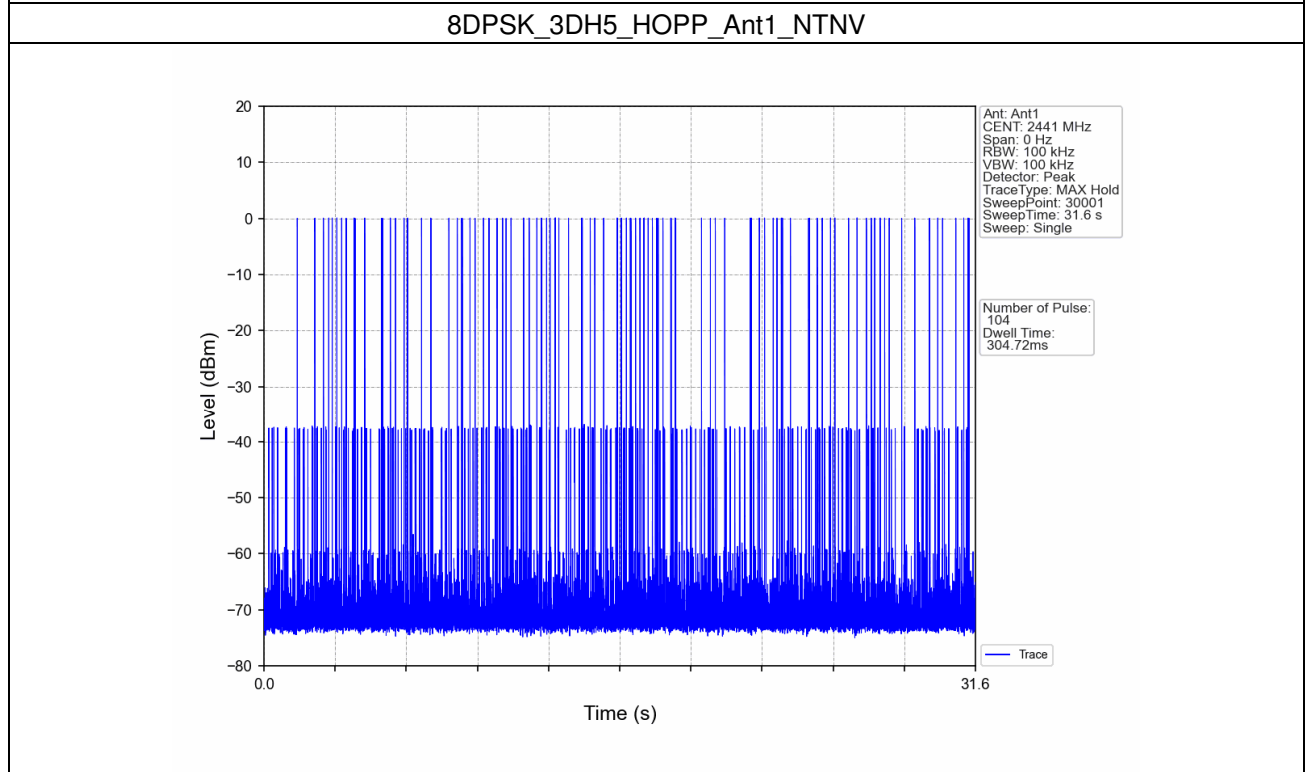
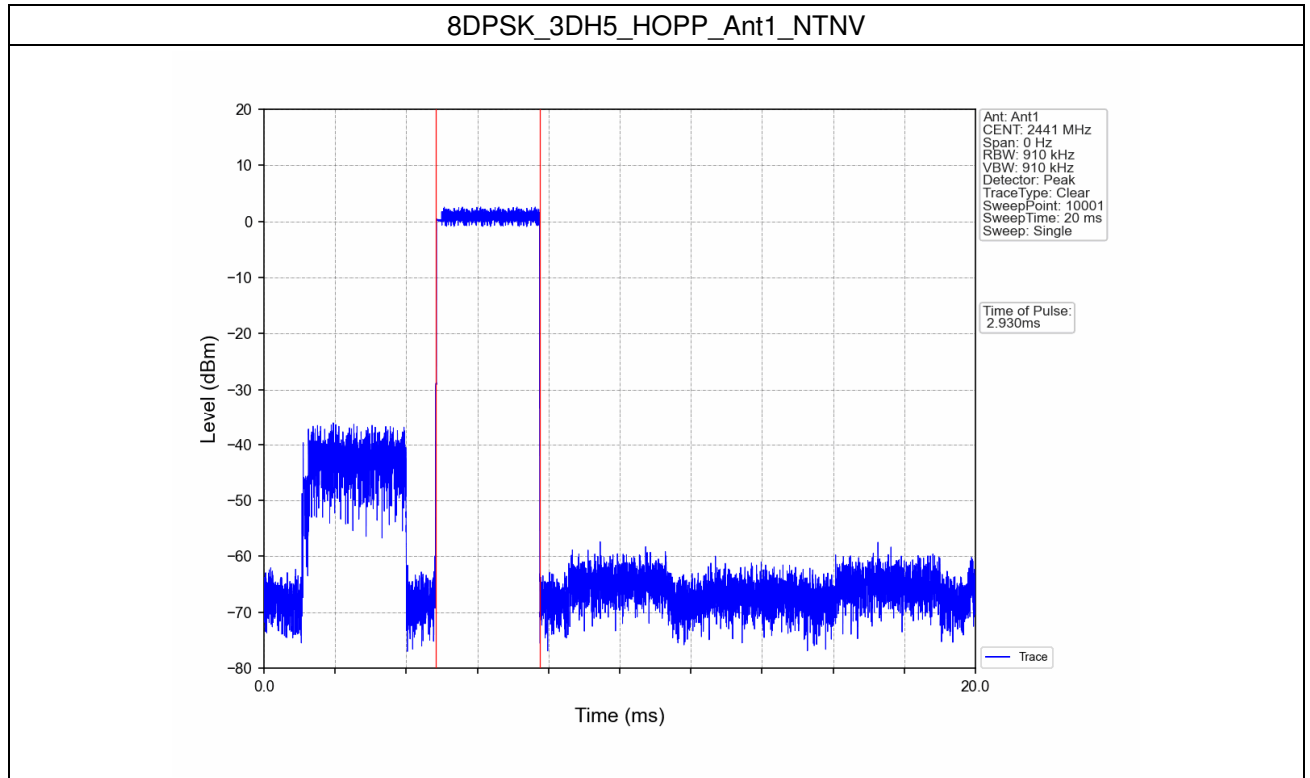


8DPSK_3DH3_HOPP_Ant1_NTNV



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7. Unwanted Emissions In Non-restricted Frequency Bands

7.1 Ref

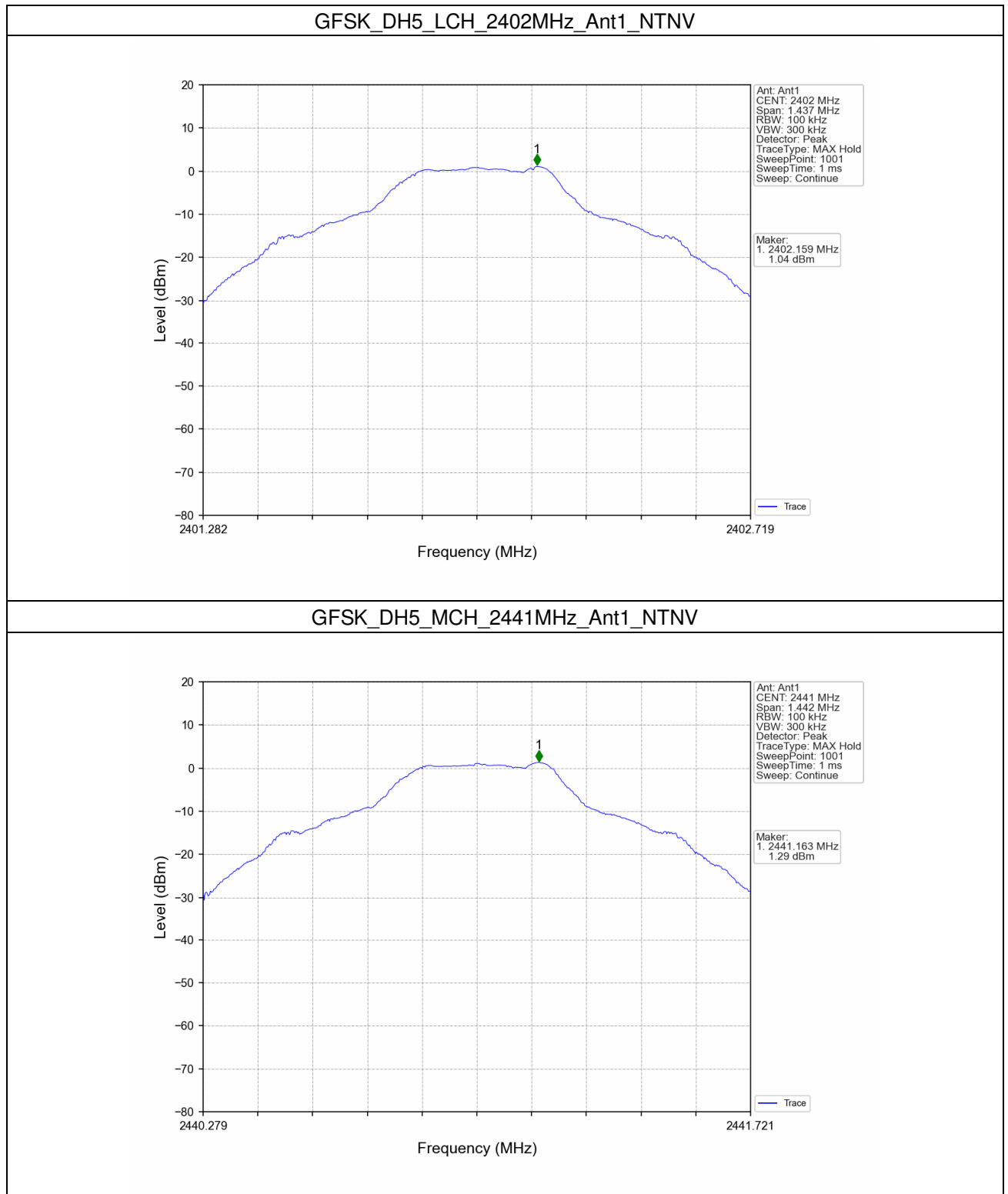
7.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)
GFSK	SISO	2402	DH5	1	1.04
		2441	DH5	1	1.29
		2480	DH5	1	0.10
Pi/4DQPSK	SISO	2402	2DH5	1	0.33
		2441	2DH5	1	0.23
		2480	2DH5	1	-1.21
8DPSK	SISO	2402	3DH5	1	0.56
		2441	3DH5	1	0.16
		2480	3DH5	1	-1.08



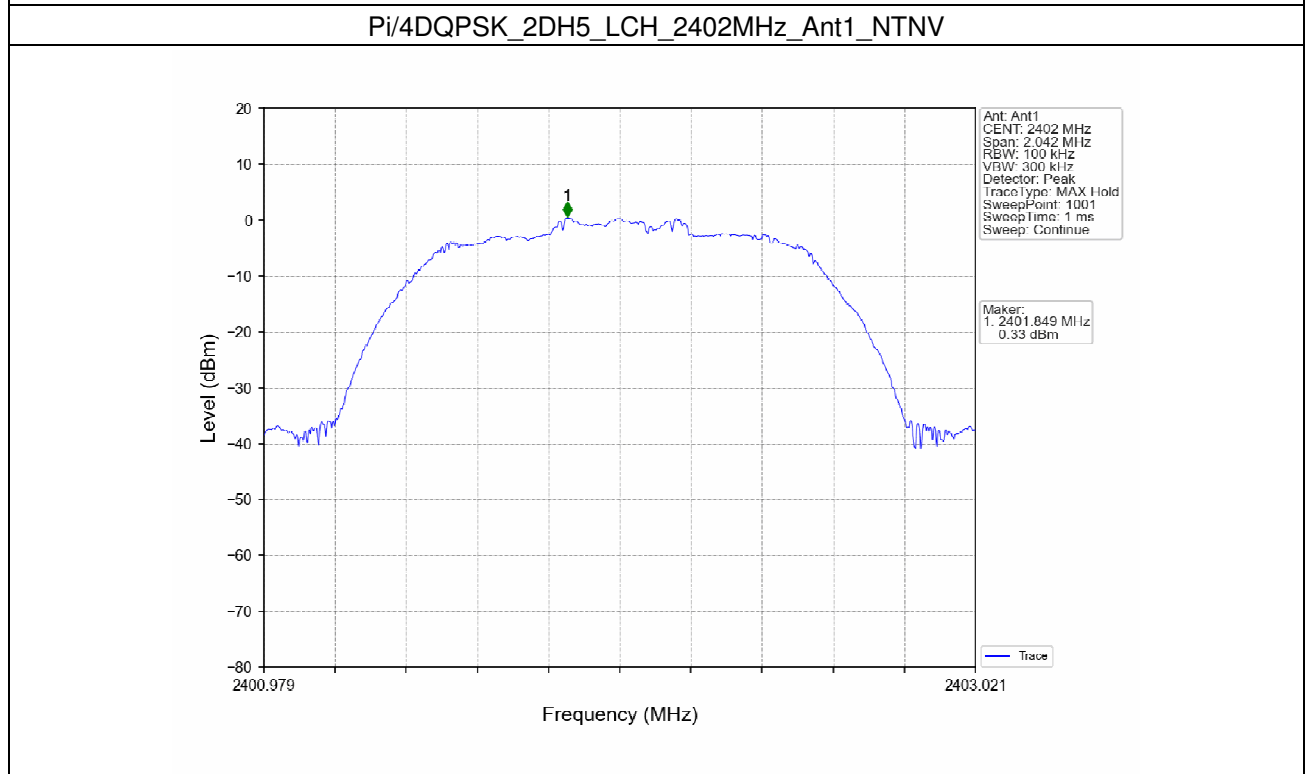
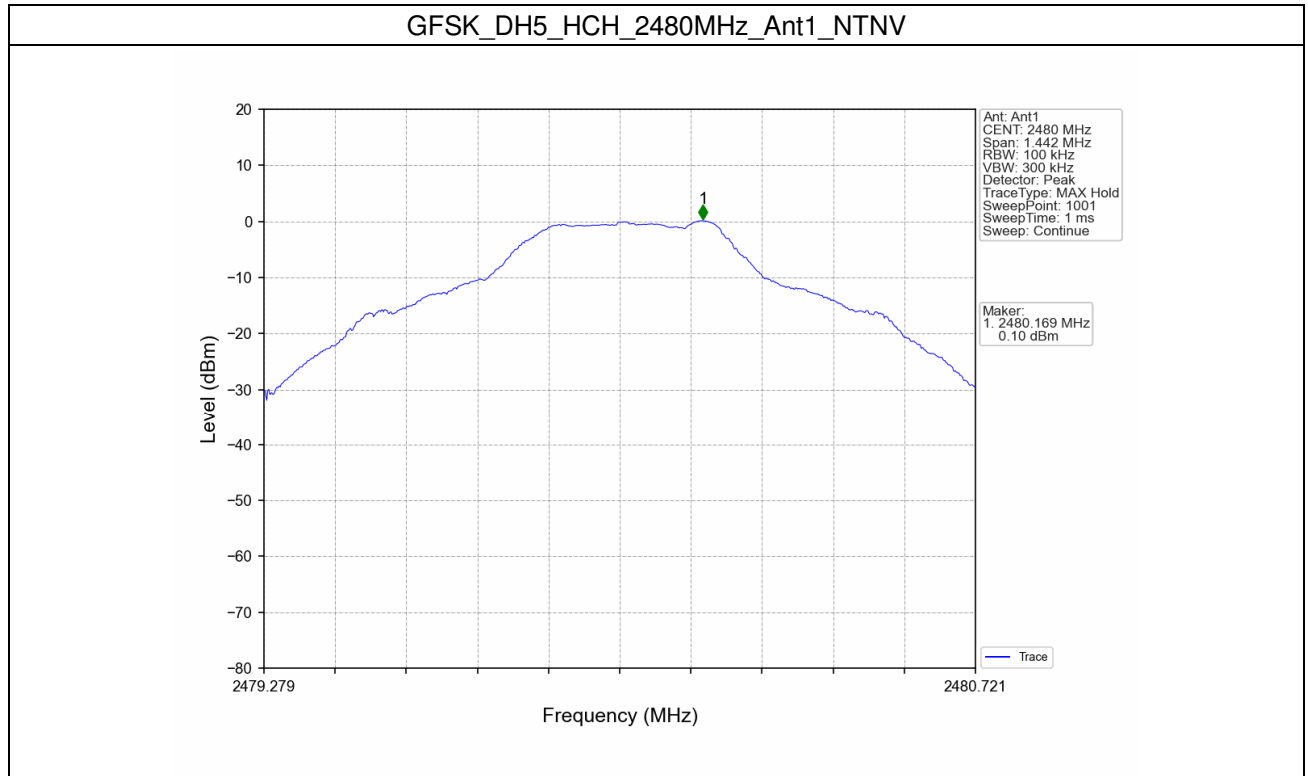
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7.1.2 Test Graph



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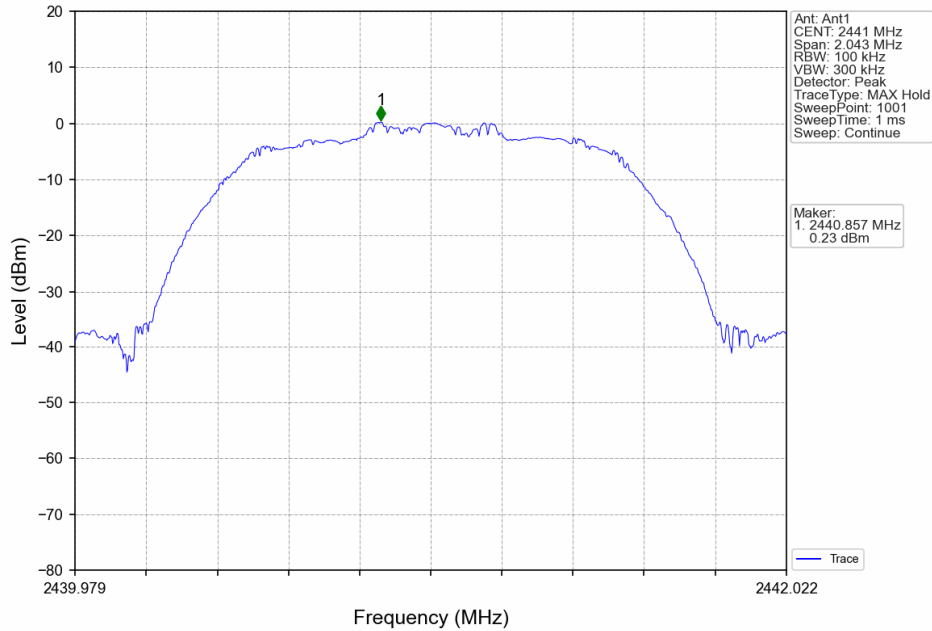
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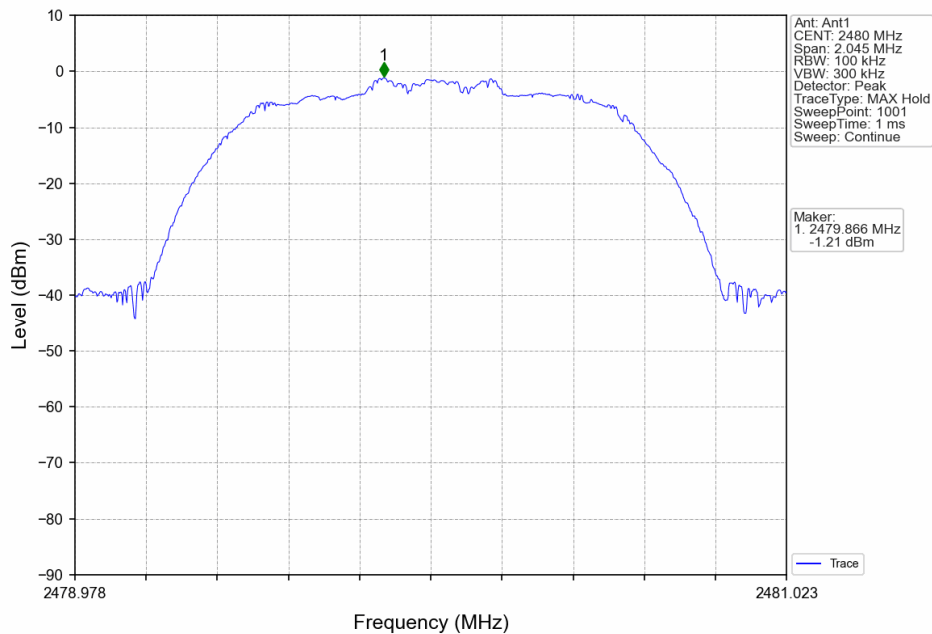
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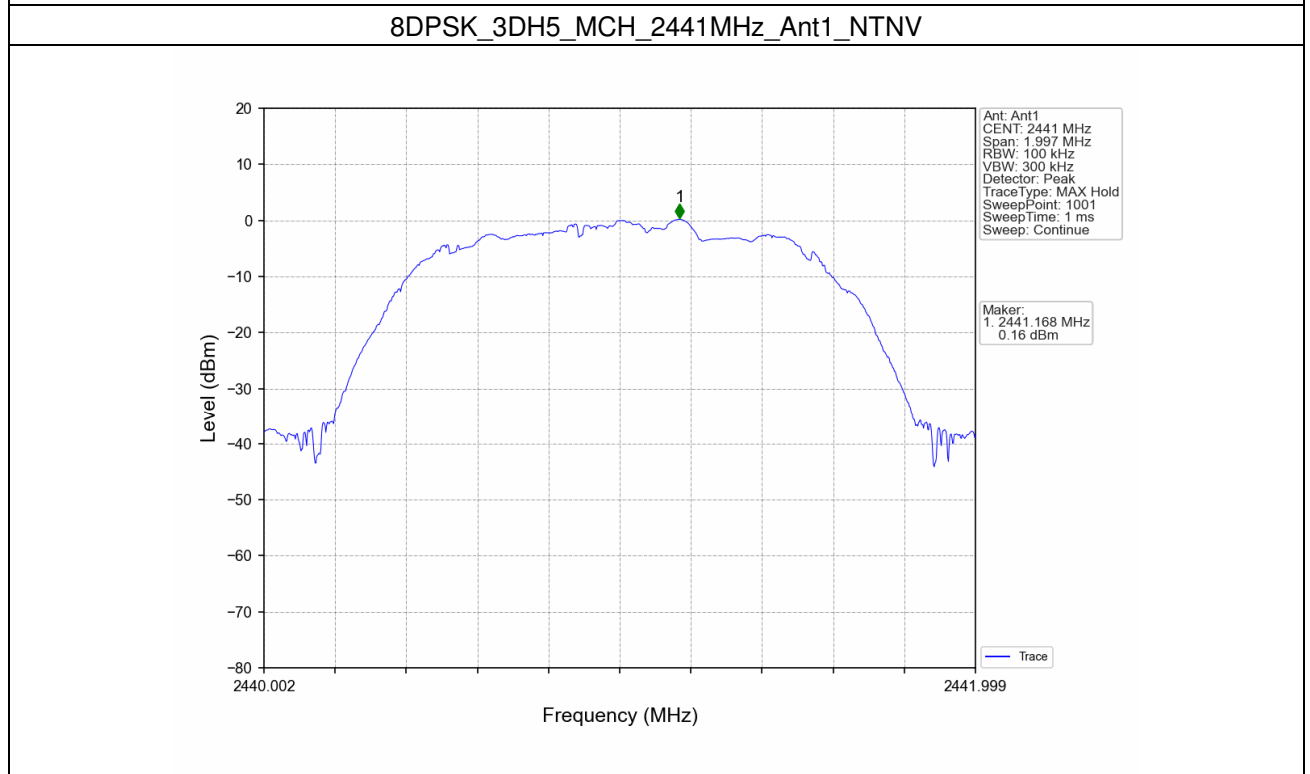
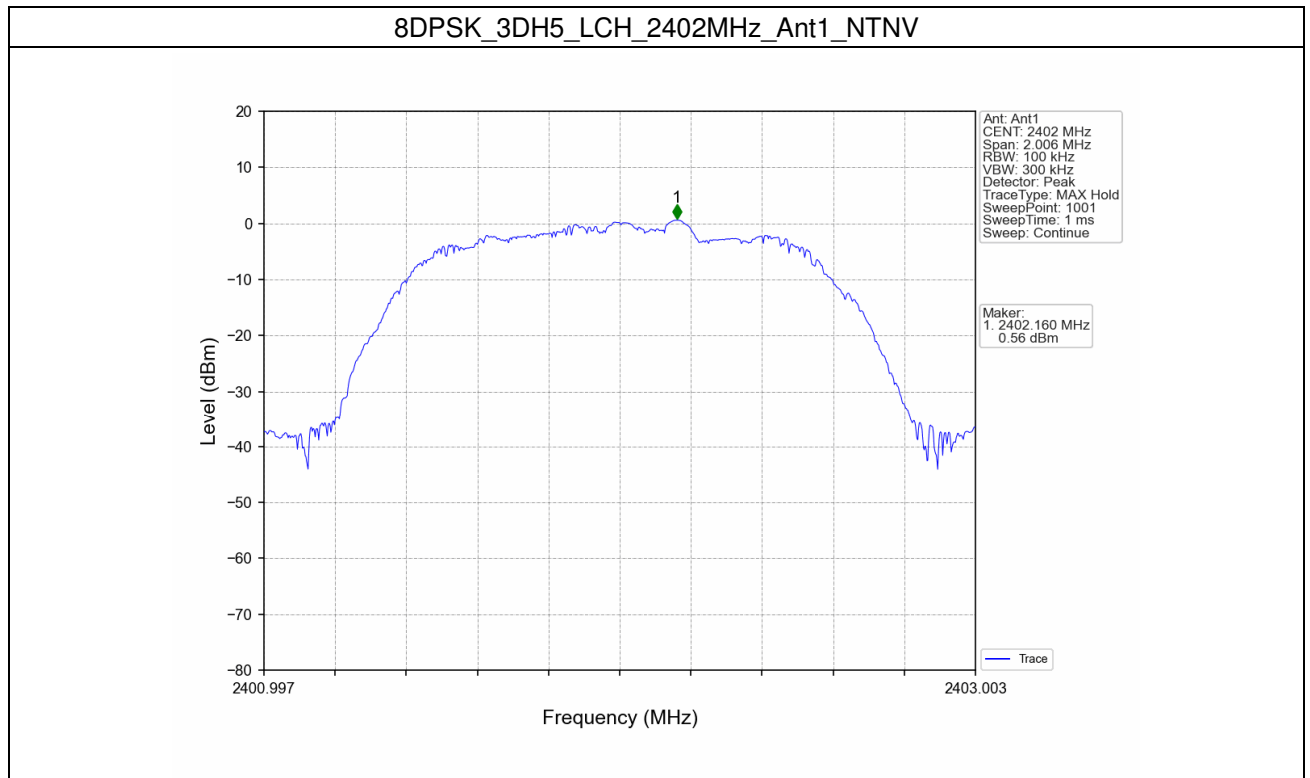
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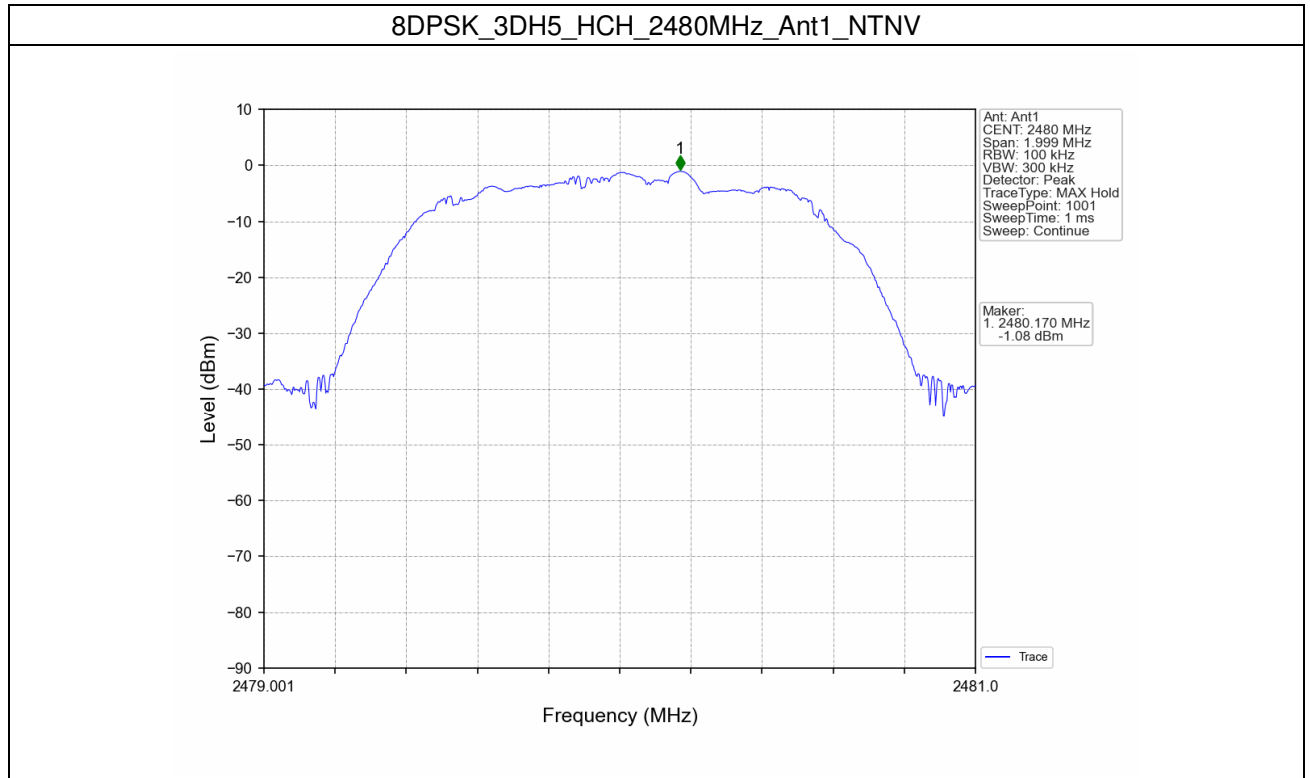
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7.2 CSE

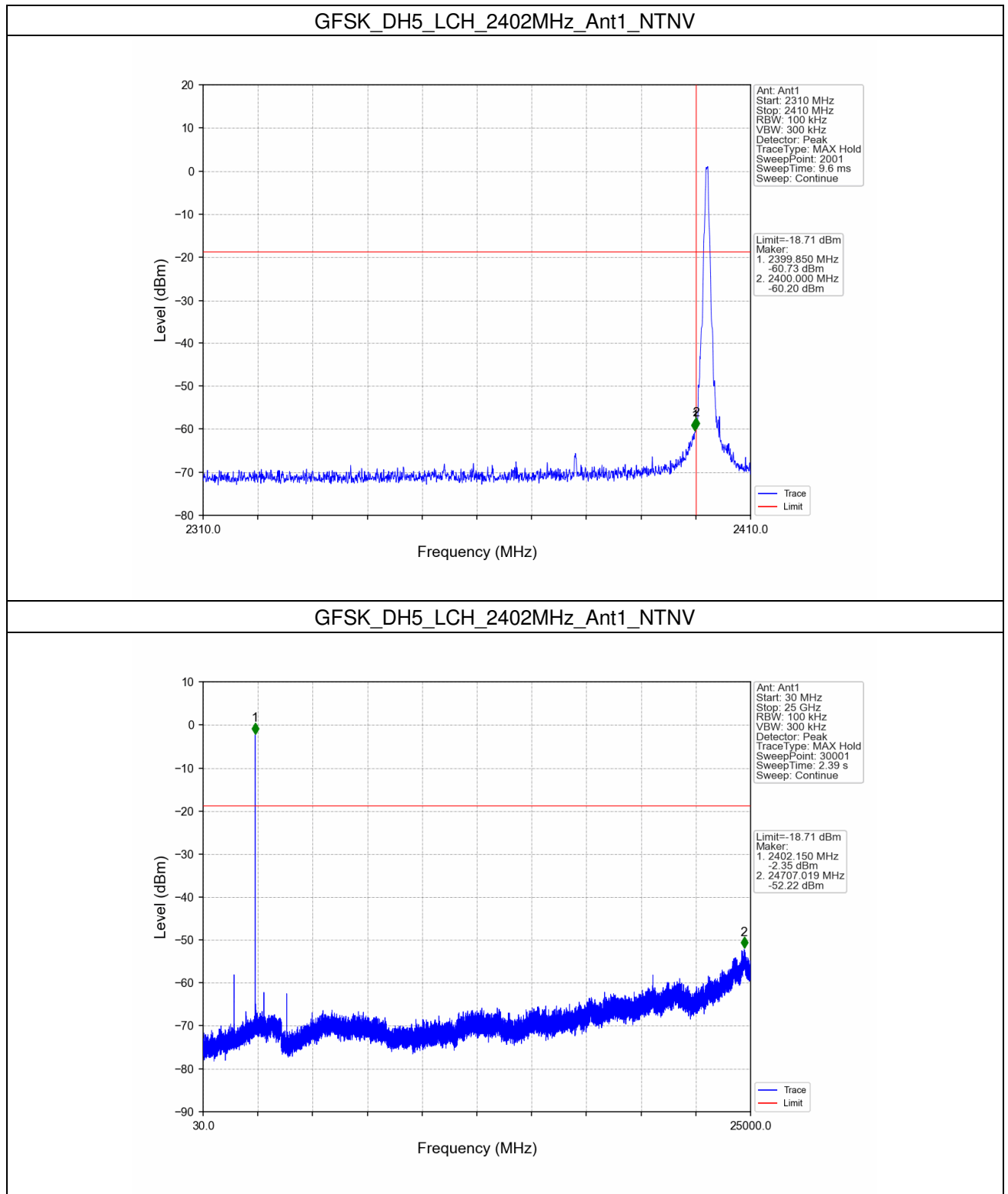
7.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	DH5	1	1.29	-18.71	Pass
		2441	DH5	1	1.29	-18.71	Pass
		2480	DH5	1	1.29	-18.71	Pass
		HOPP	DH5	1	1.29	-18.71	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	0.33	-19.67	Pass
		2441	2DH5	1	0.33	-19.67	Pass
		2480	2DH5	1	0.33	-19.67	Pass
		HOPP	2DH5	1	0.33	-19.67	Pass
8DPSK	SISO	2402	3DH5	1	0.56	-19.44	Pass
		2441	3DH5	1	0.56	-19.44	Pass
		2480	3DH5	1	0.56	-19.44	Pass
		HOPP	3DH5	1	0.56	-19.44	Pass



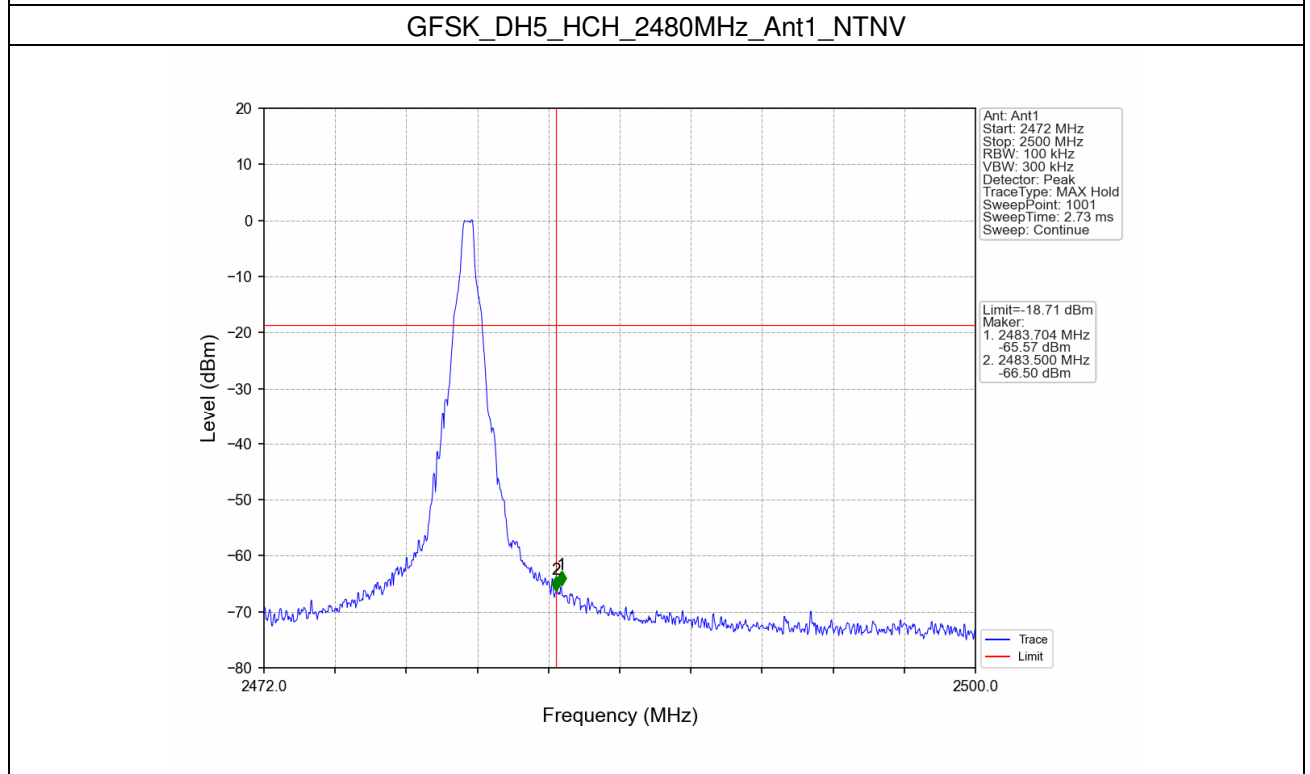
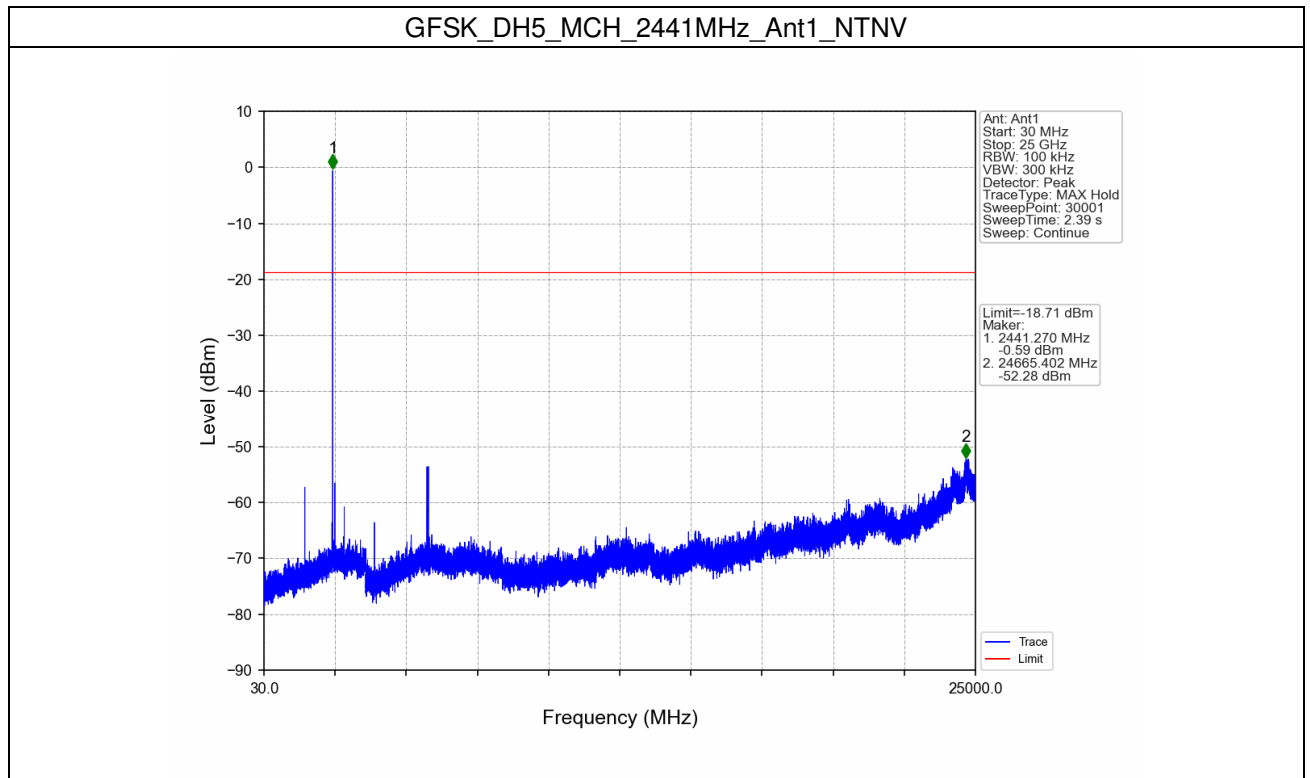
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7.2.2 Test Graph



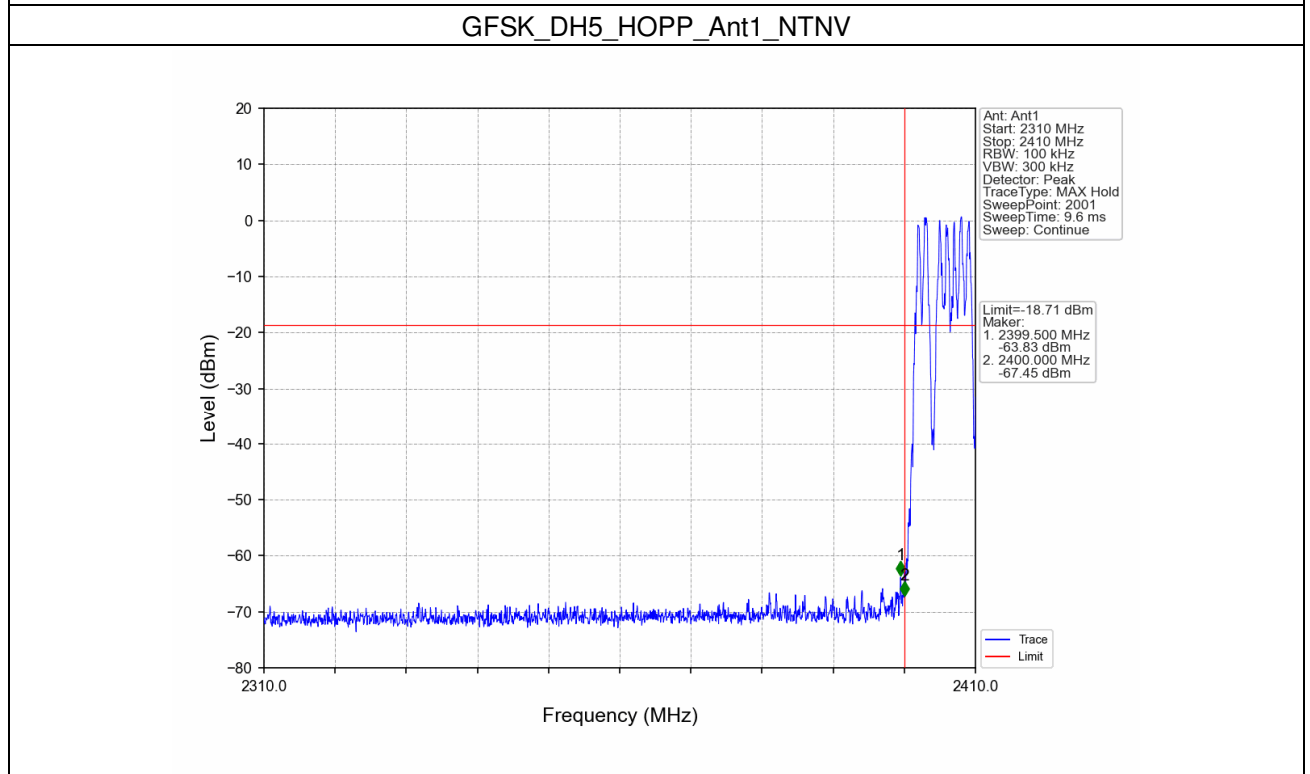
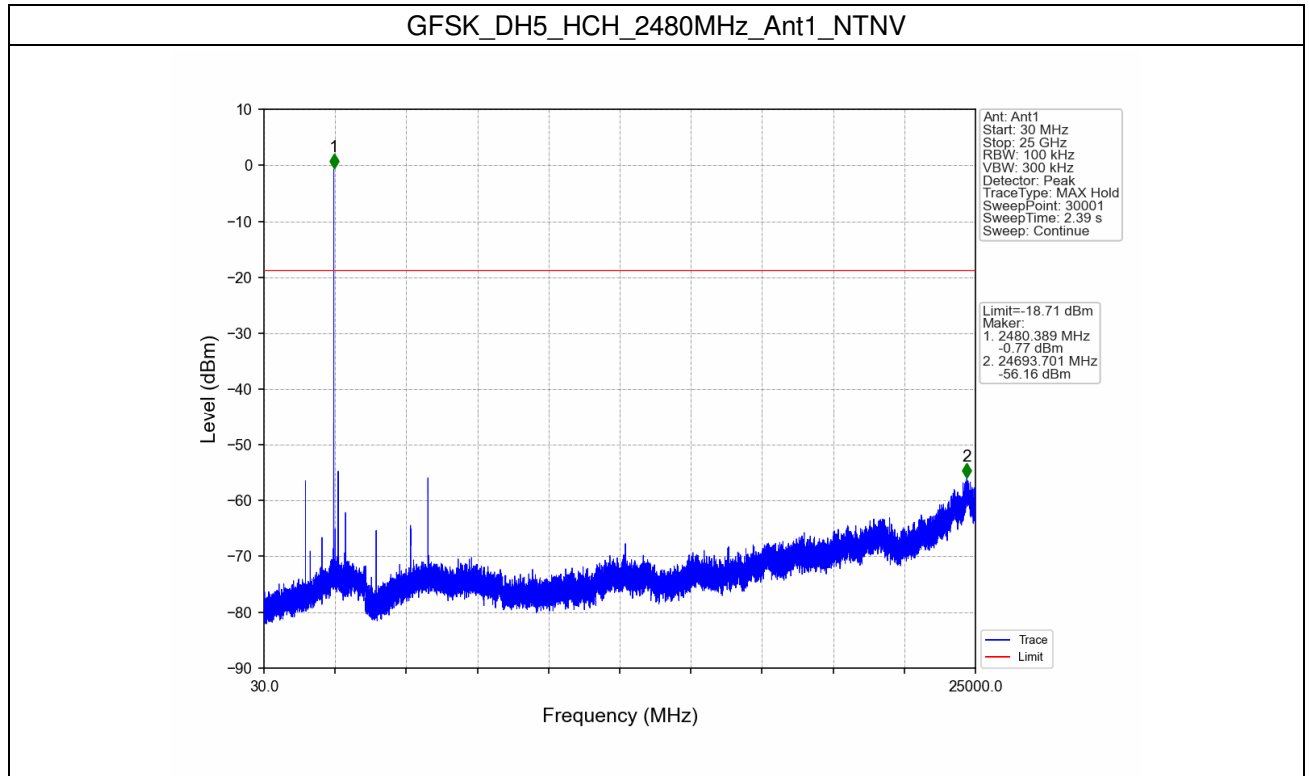
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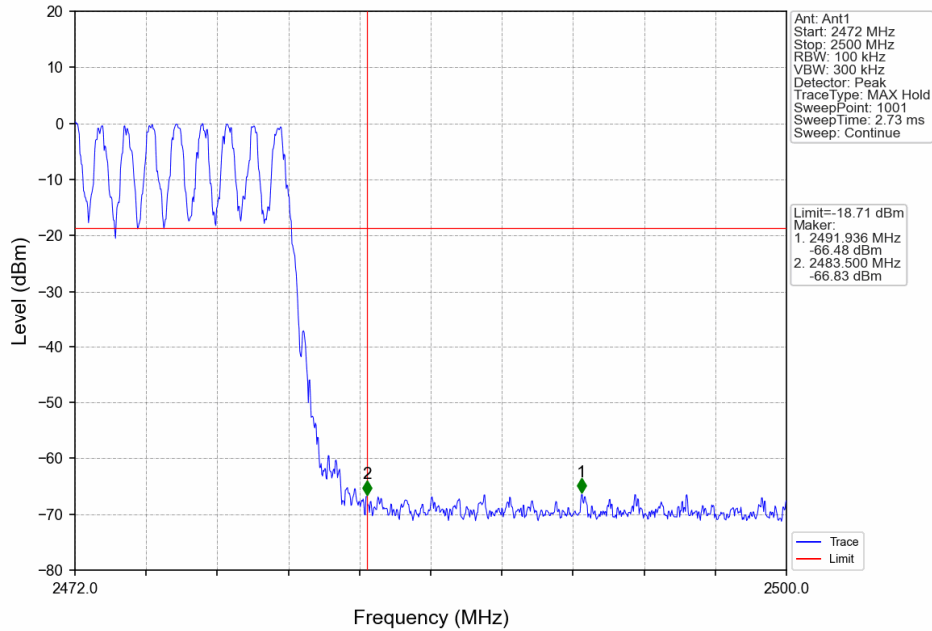


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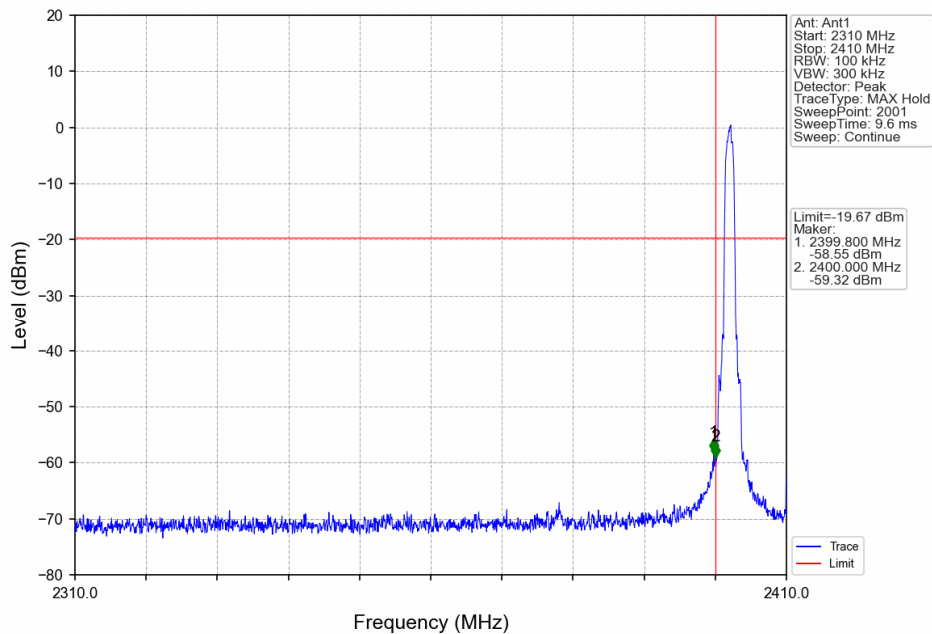
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GFSK_DH5_HOPP_Ant1_NTNV



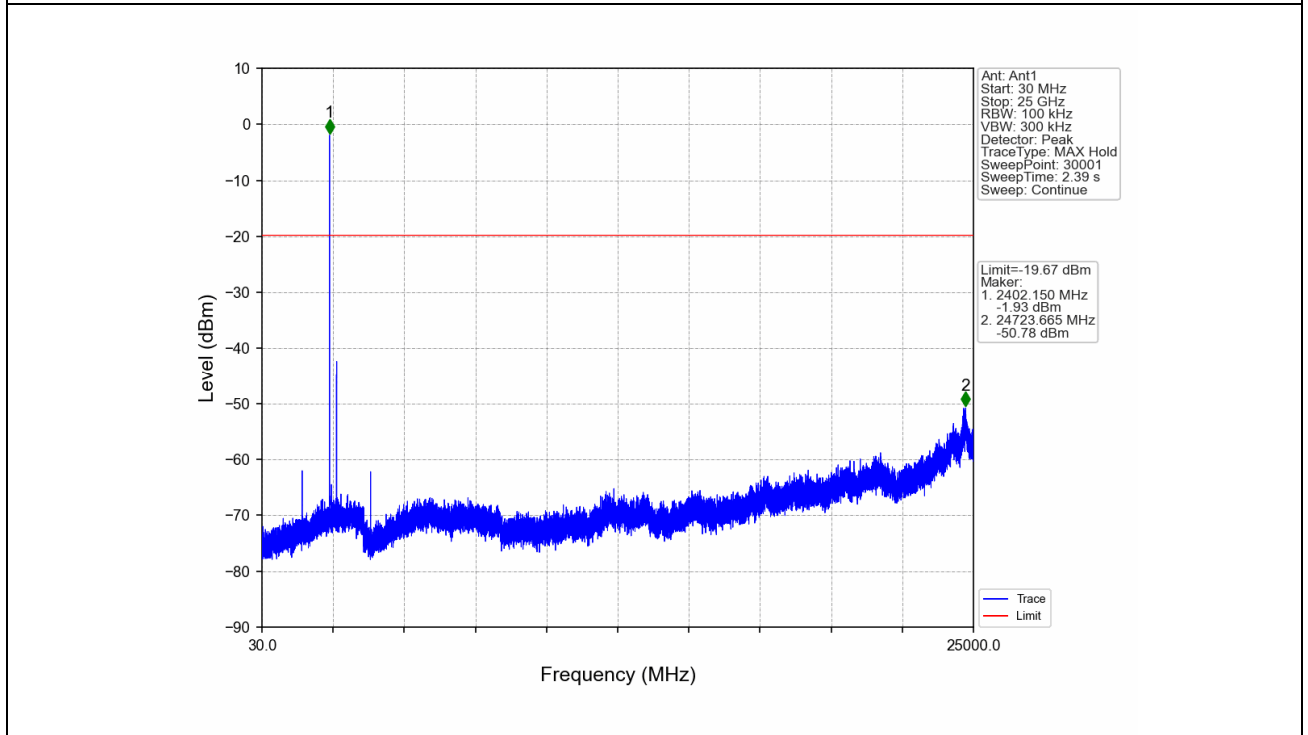
Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



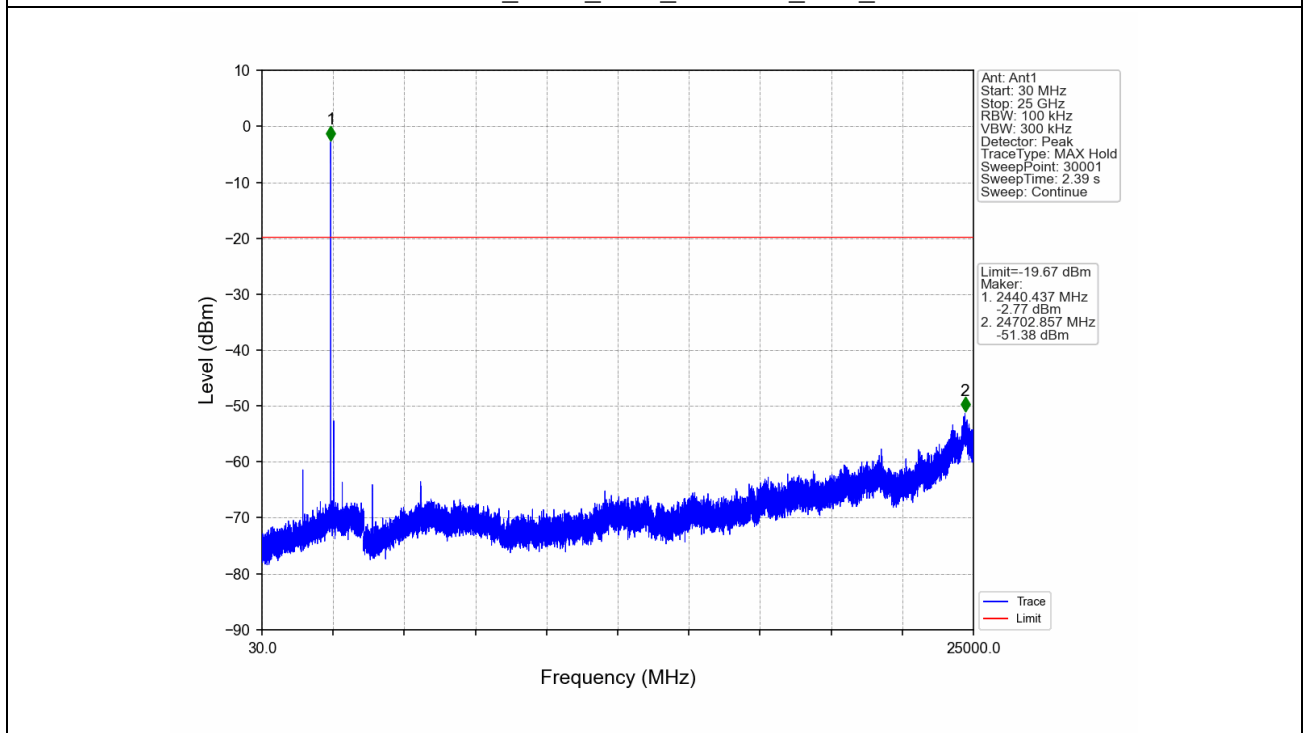
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Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



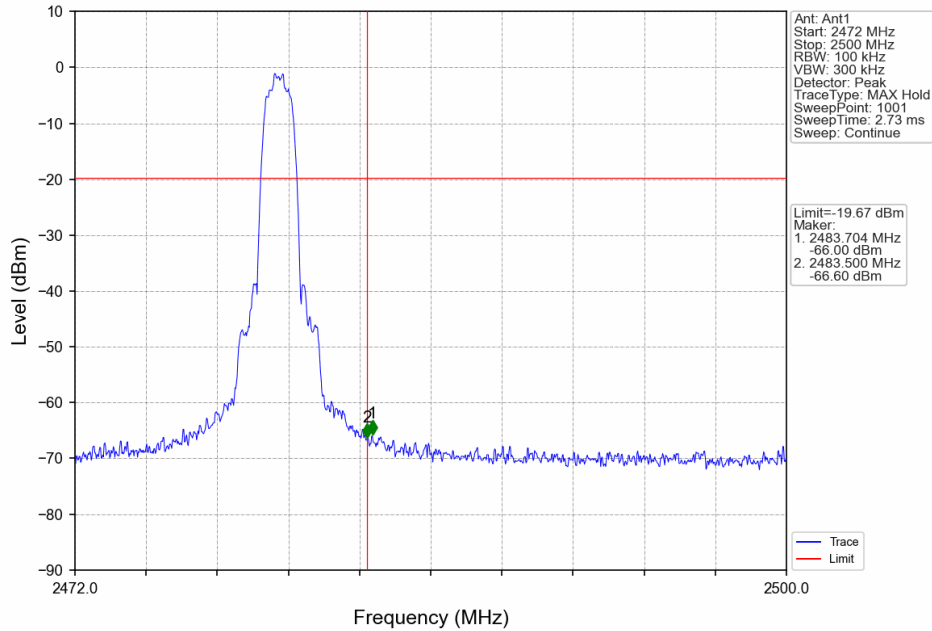
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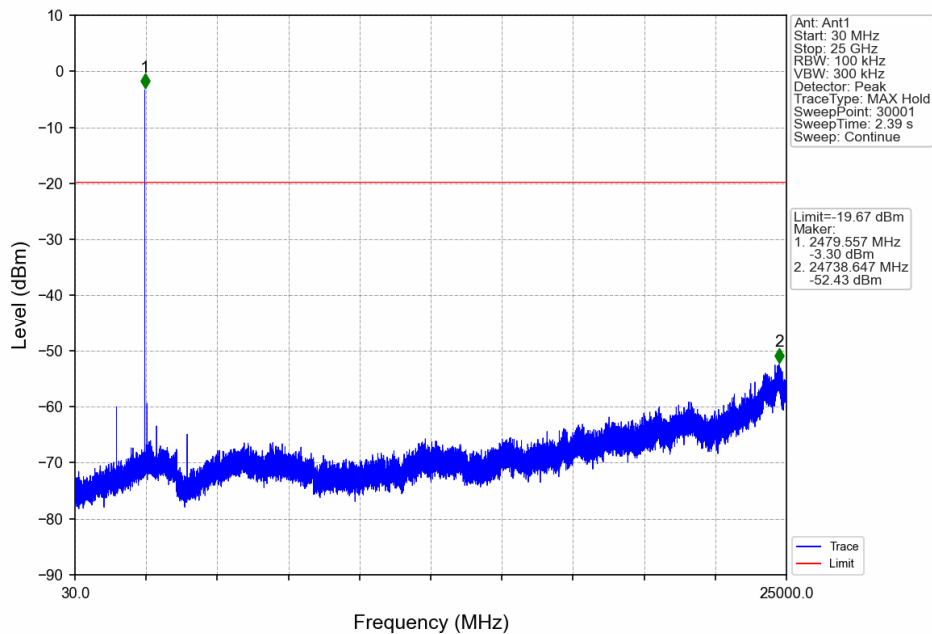
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Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV

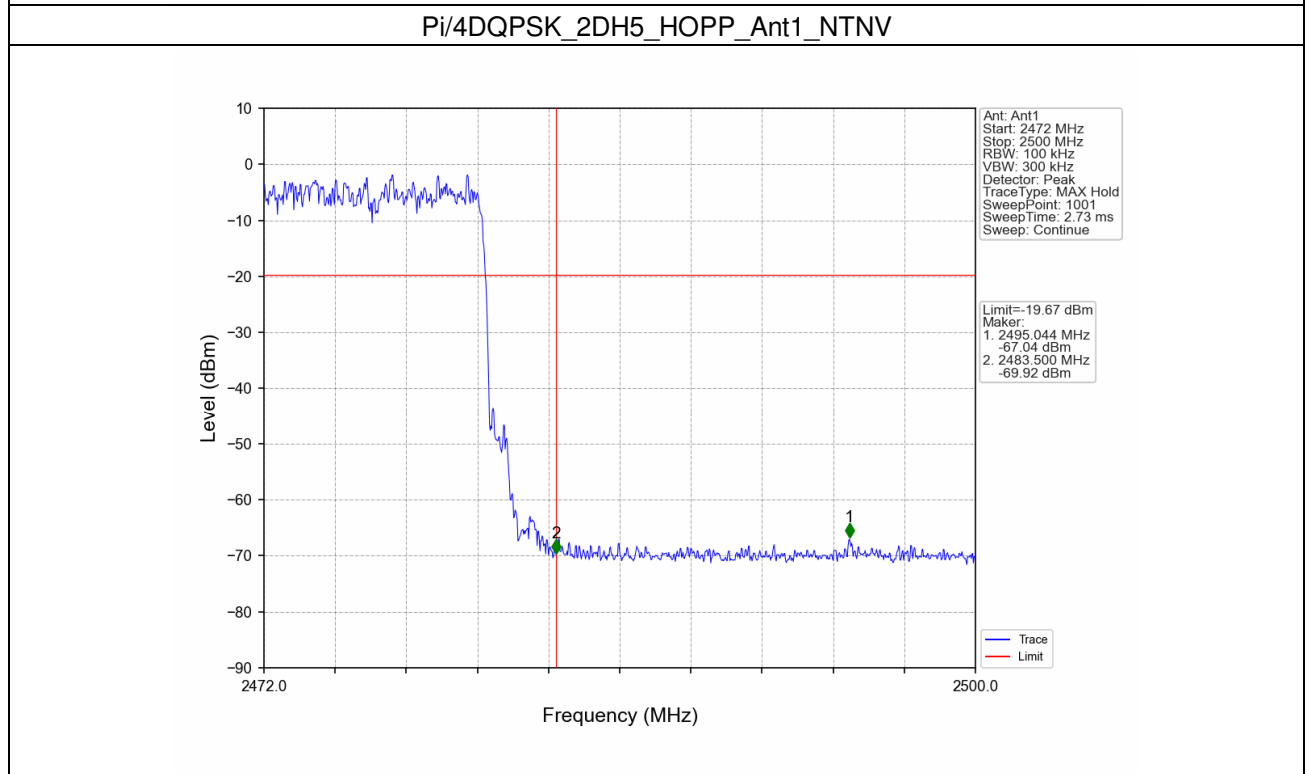
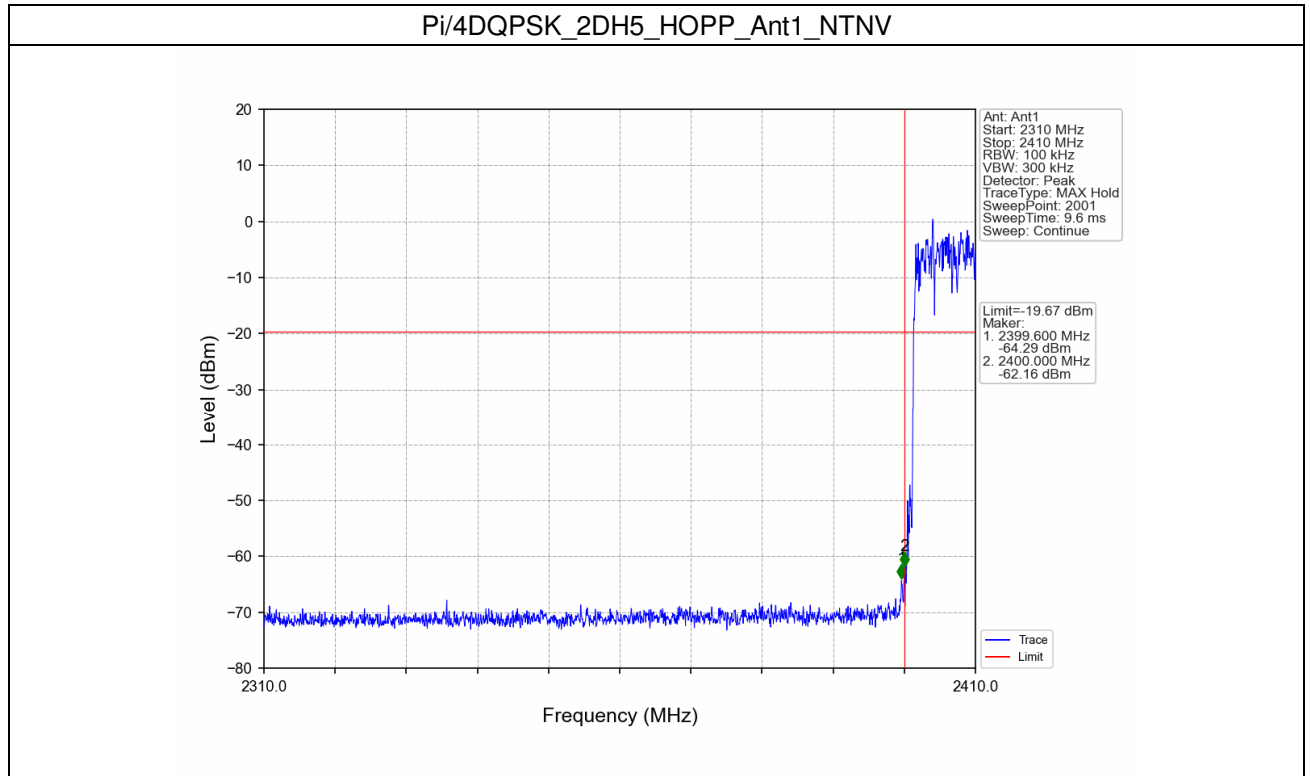


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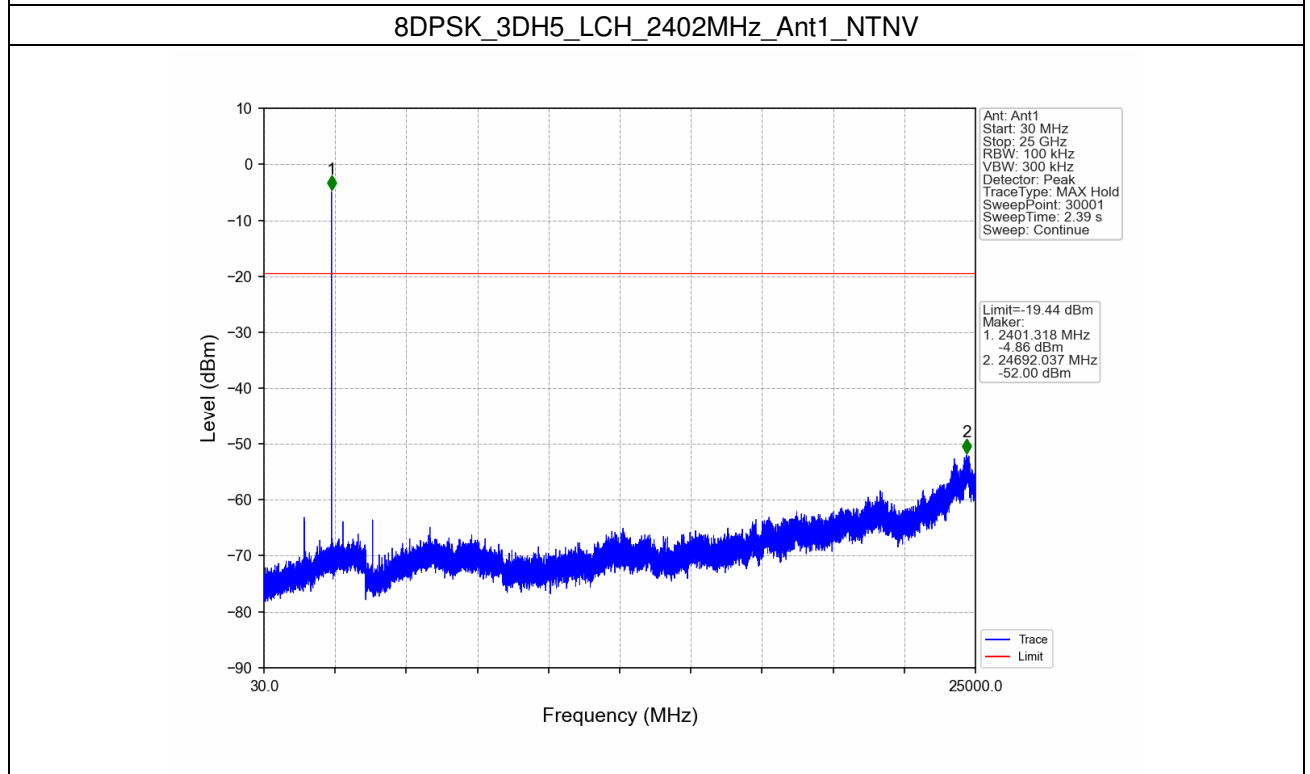
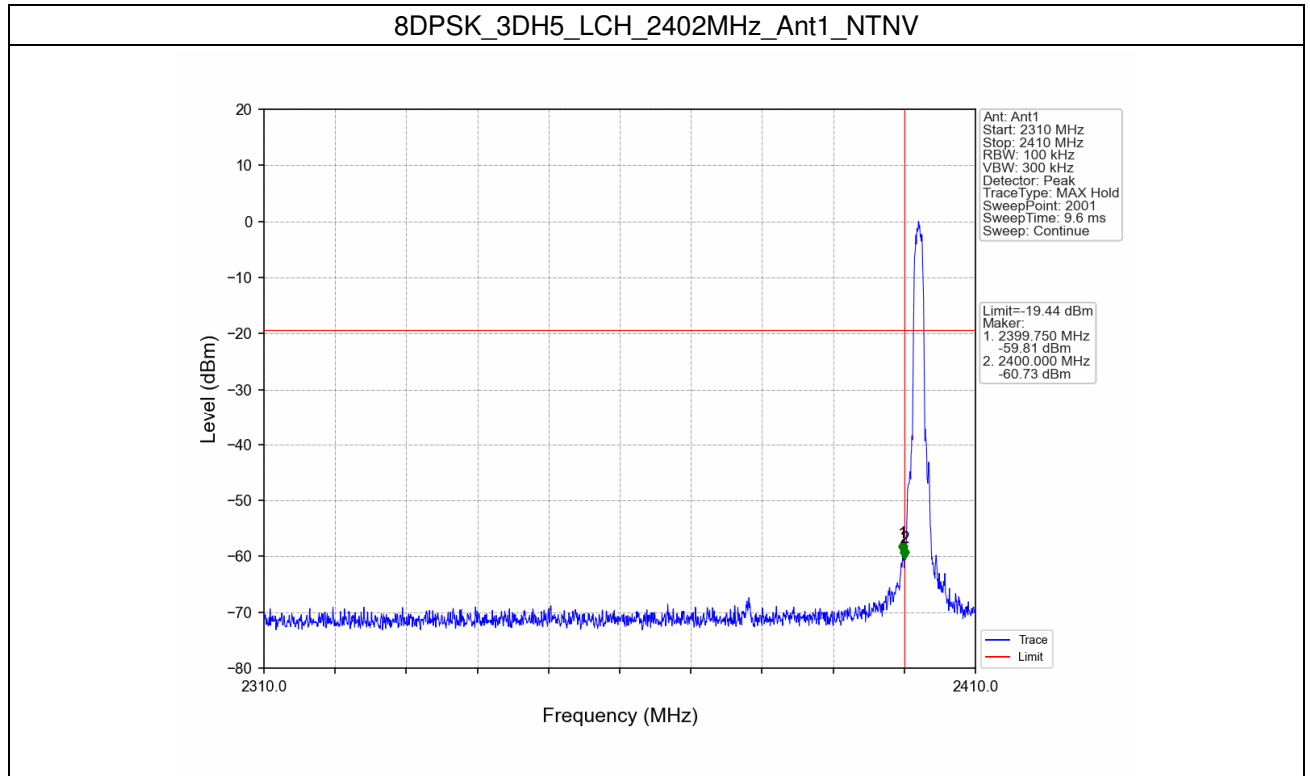
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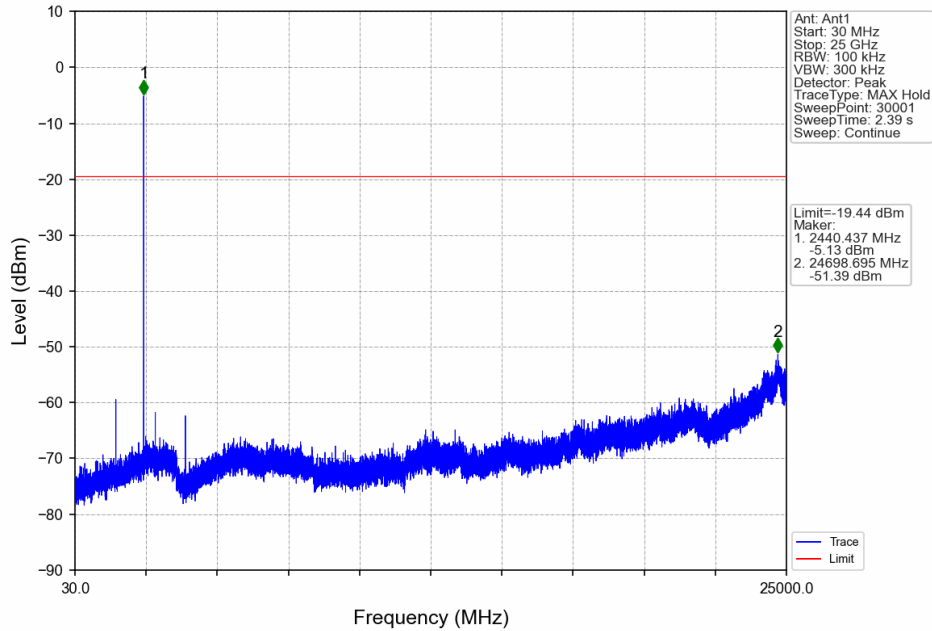
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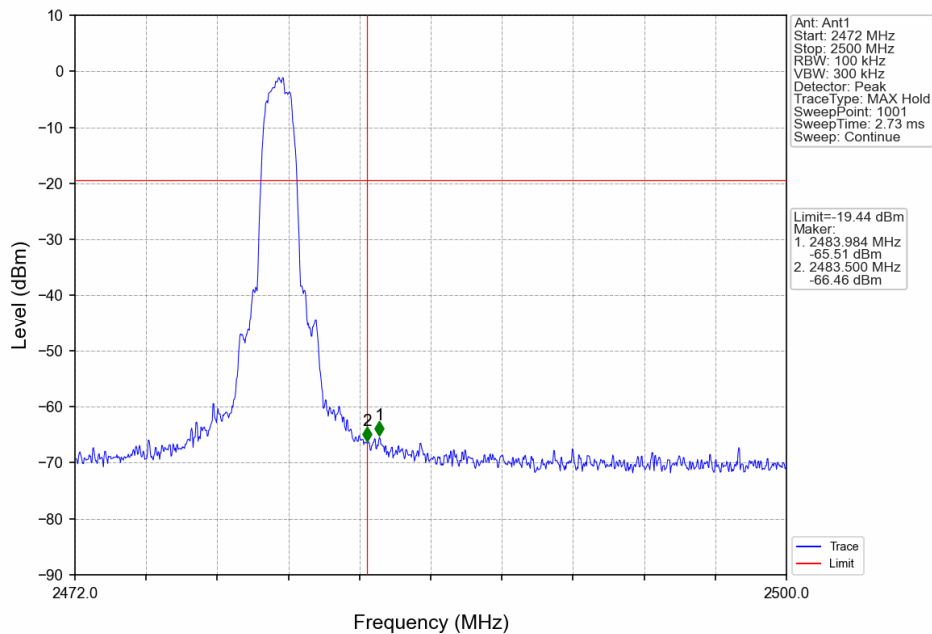


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8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV

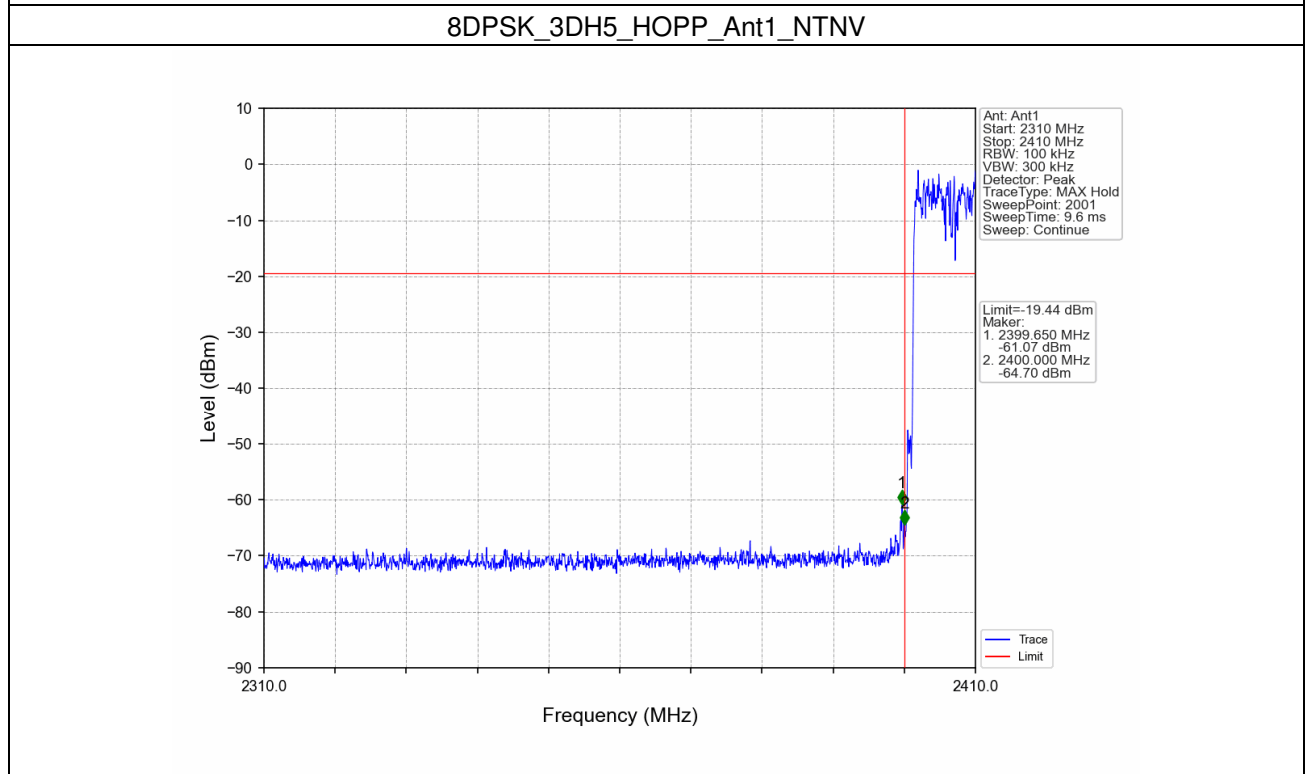
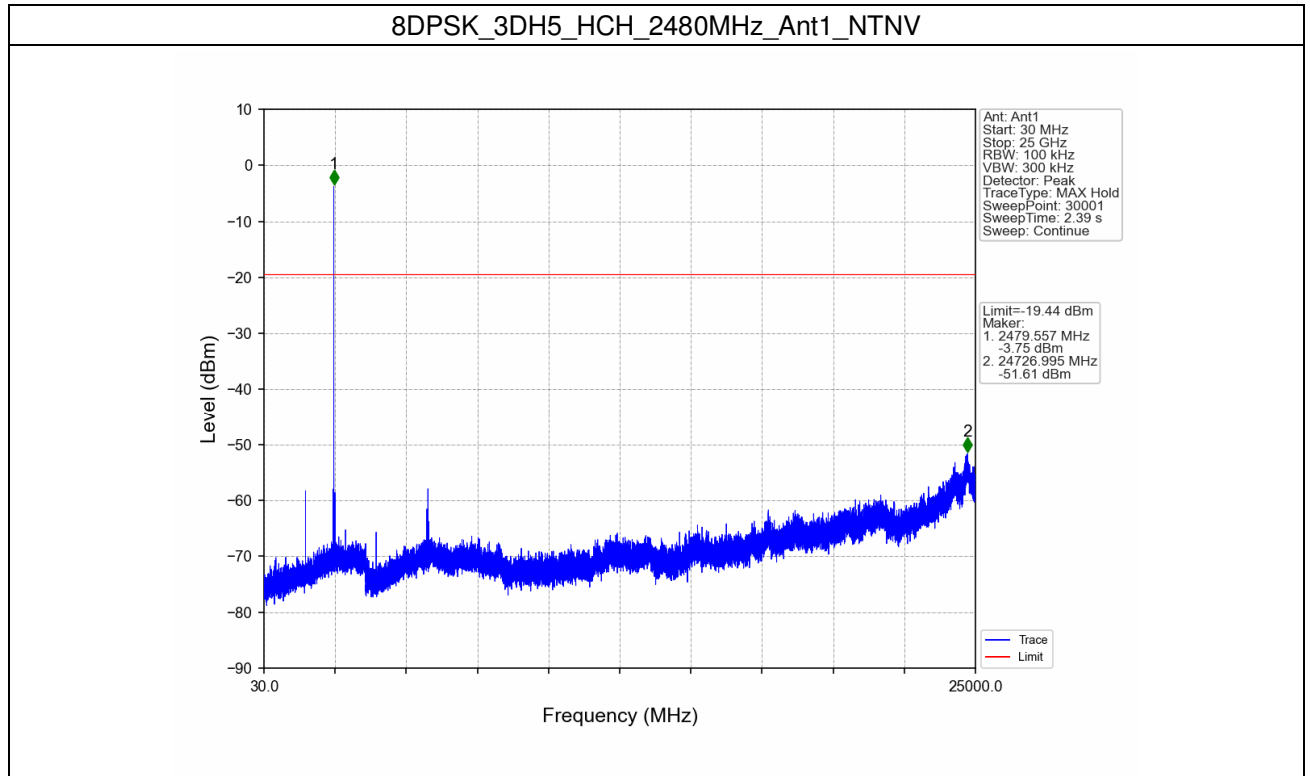


8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



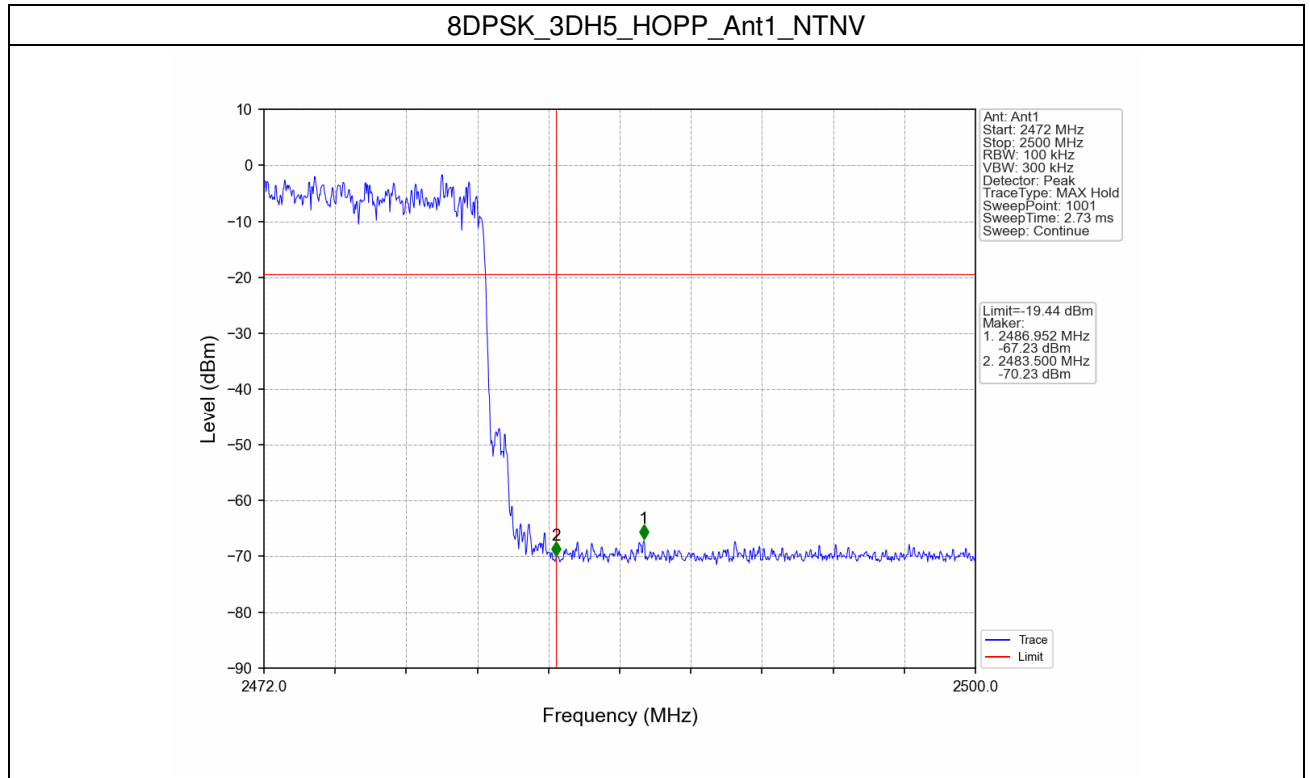
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8. Form731

8.1 Form731

8.1.1 Test Result

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
2402	2480	0.0023	3.57

- End of the Report -



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