

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	-2.40	<=30	Pass
		2441	DH5	-2.20	<=30	Pass
		2480	DH5	-3.74	<=30	Pass
Pi/4DQPSK	SISO	2402	2DH5	-1.60	<=20.97	Pass
		2441	2DH5	-1.47	<=20.97	Pass
		2480	2DH5	-2.98	<=20.97	Pass
8DPSK	SISO	2402	3DH5	-1.23	<=20.97	Pass
		2441	3DH5	-1.11	<=20.97	Pass
		2480	3DH5	-2.64	<=20.97	Pass

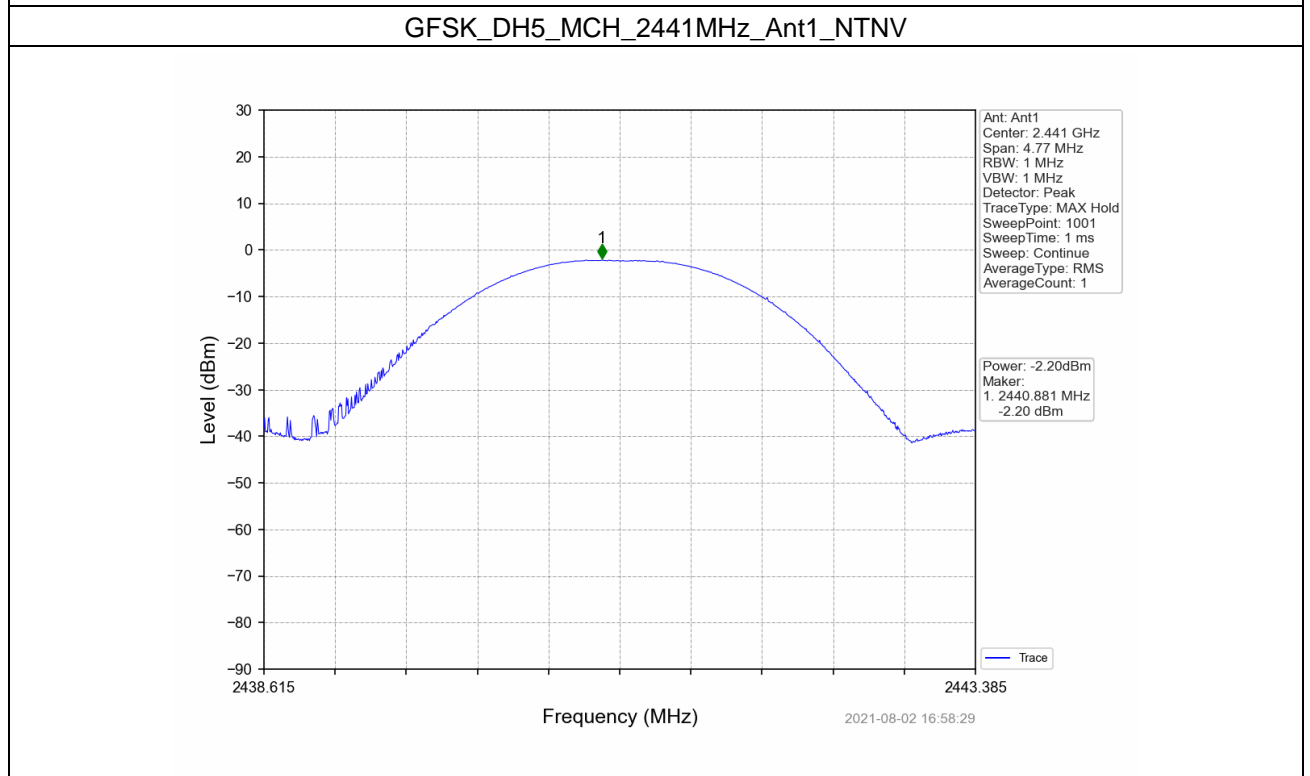
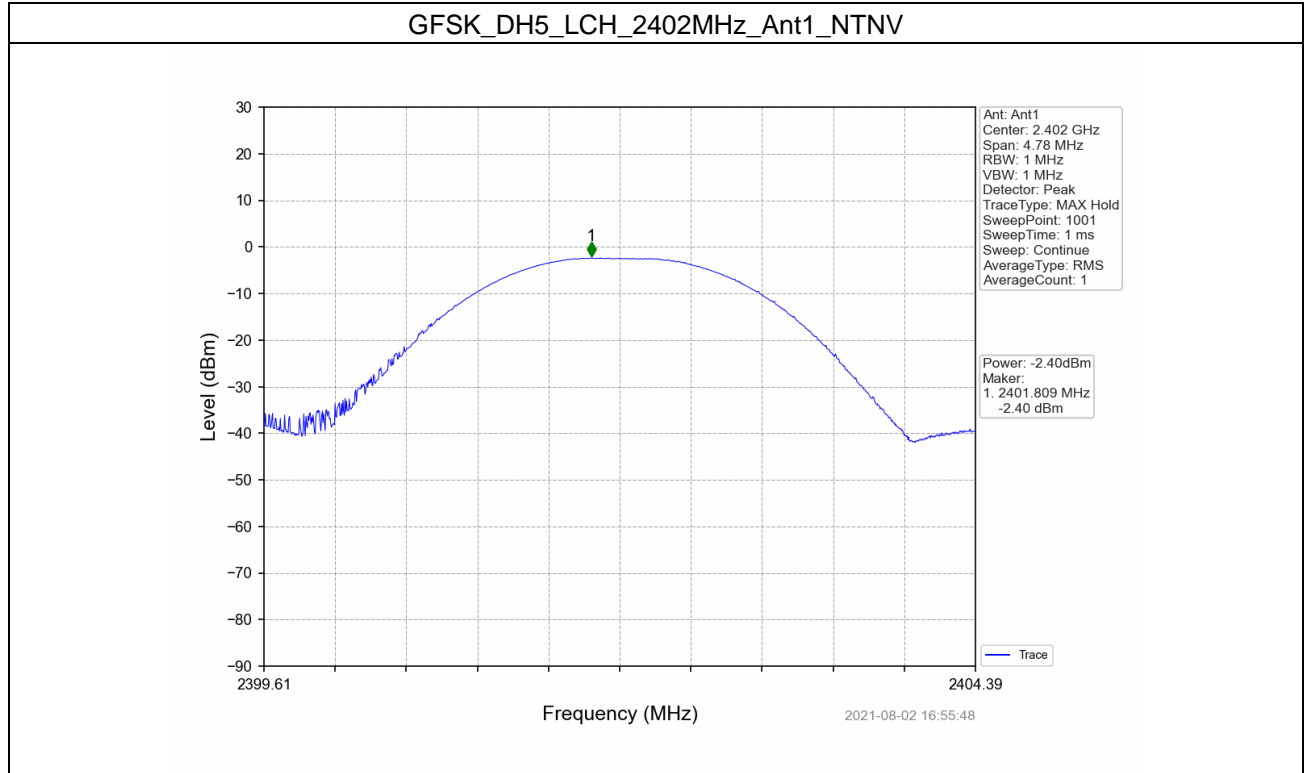
Note1: Antenna Gain: Ant1: -0.58 dBi;



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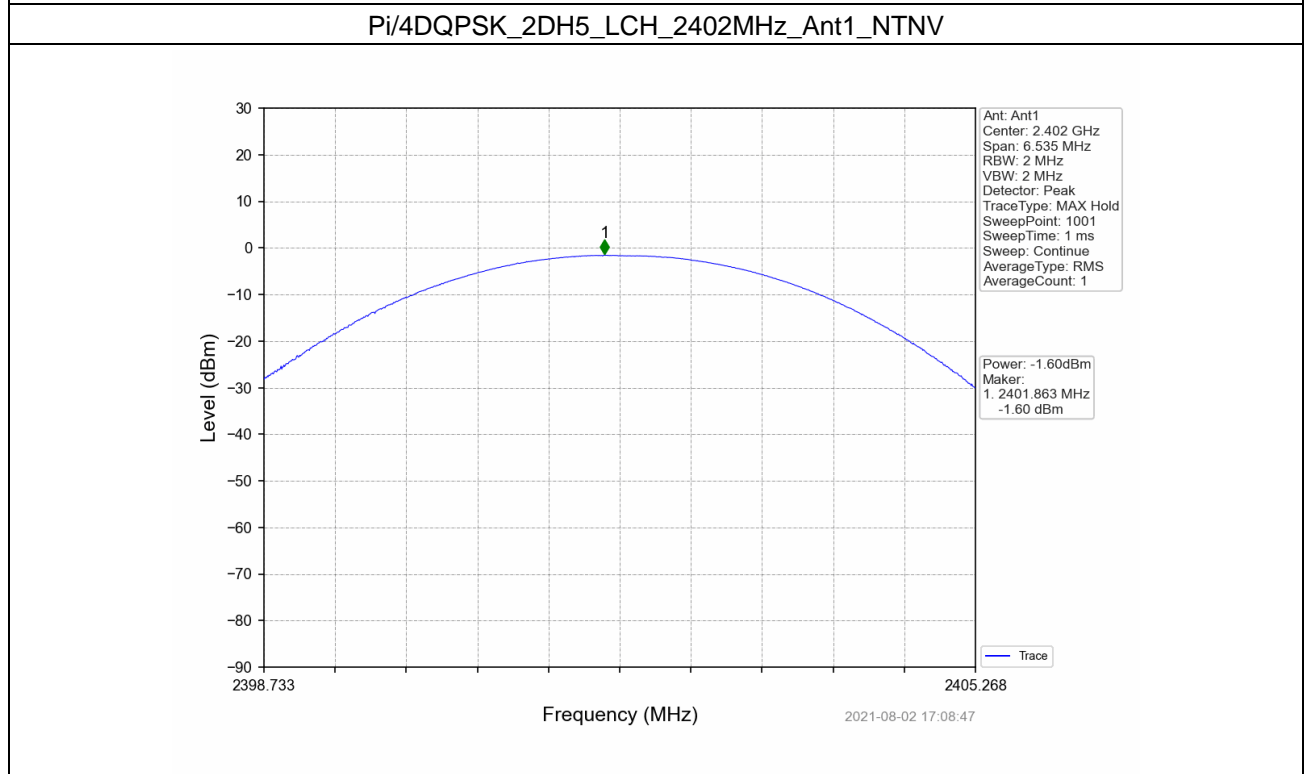
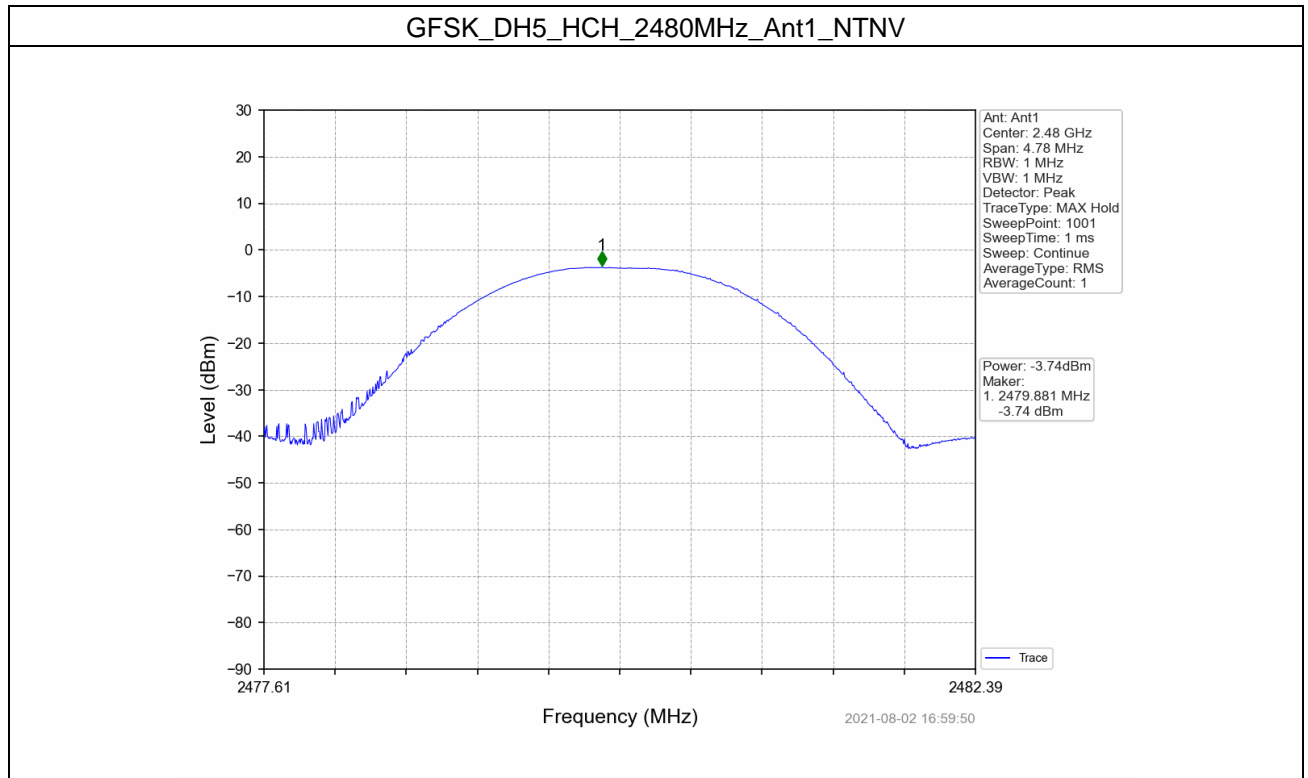
2.1.2 Test Graph



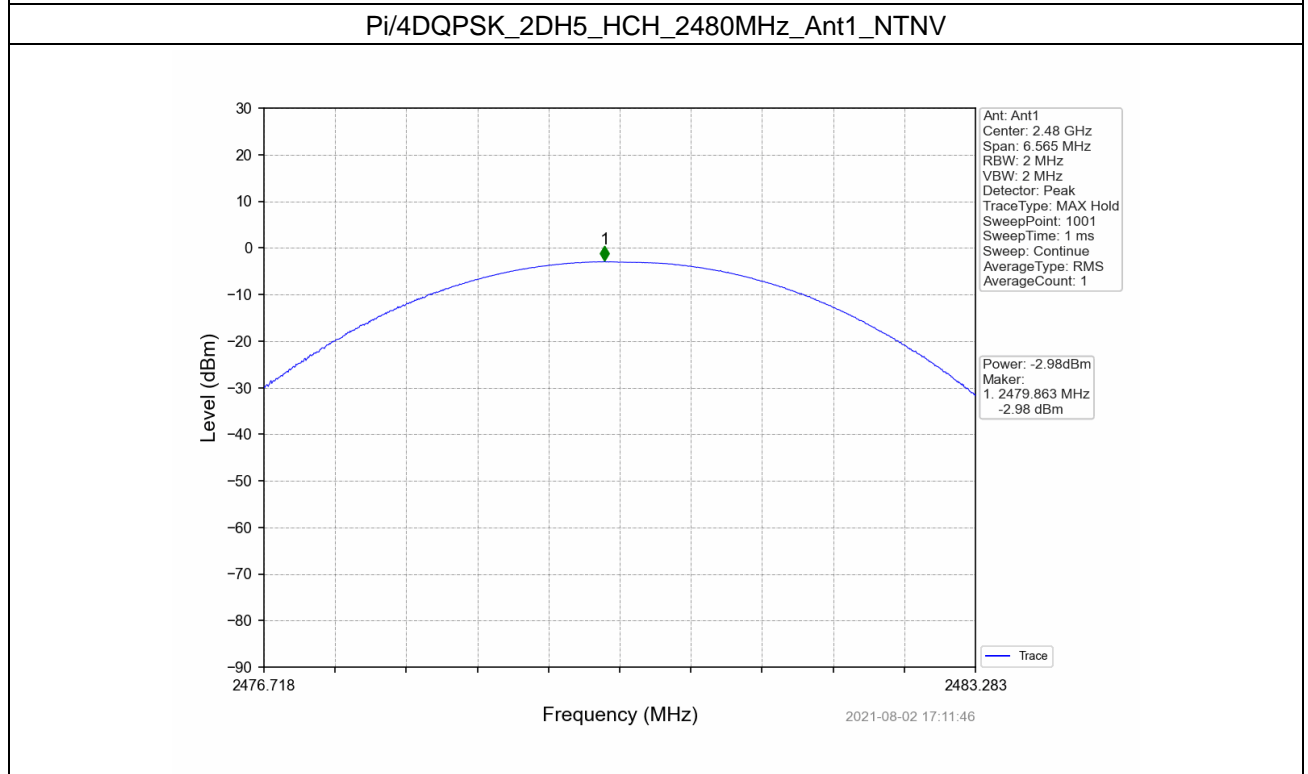
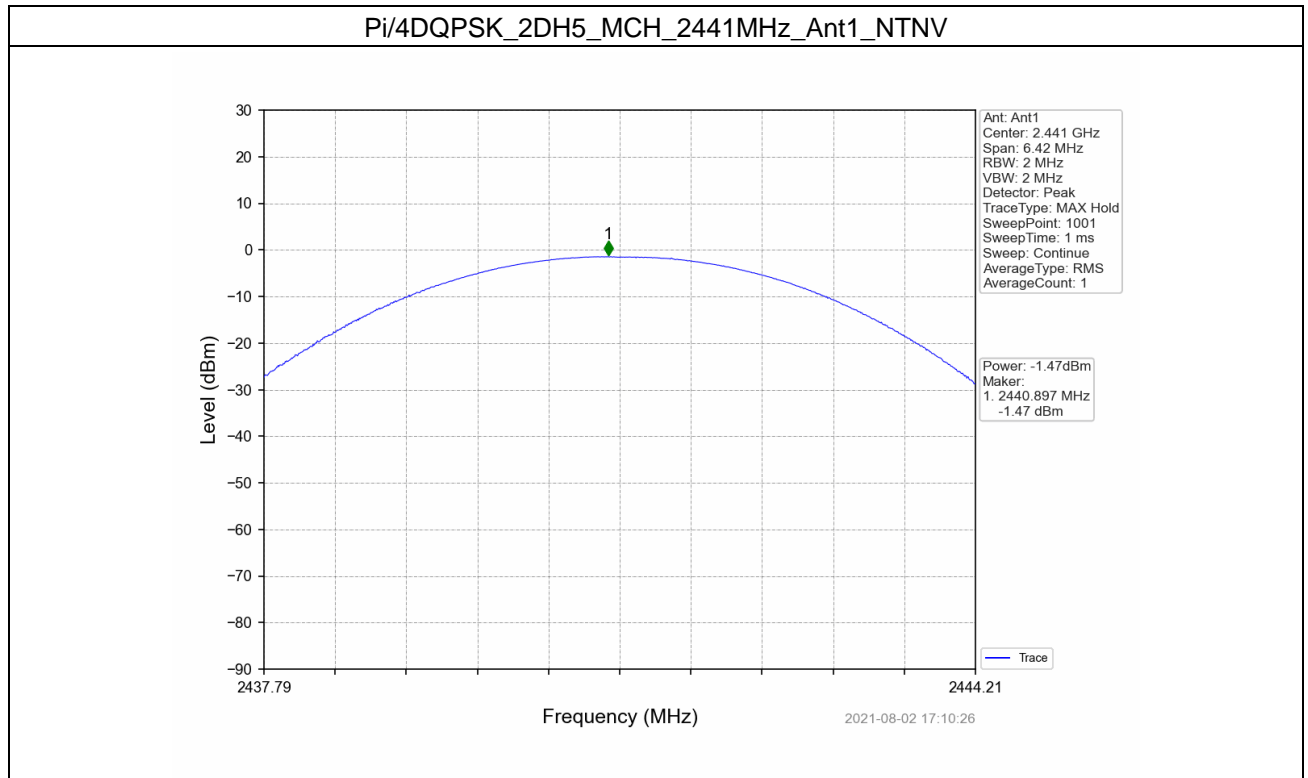
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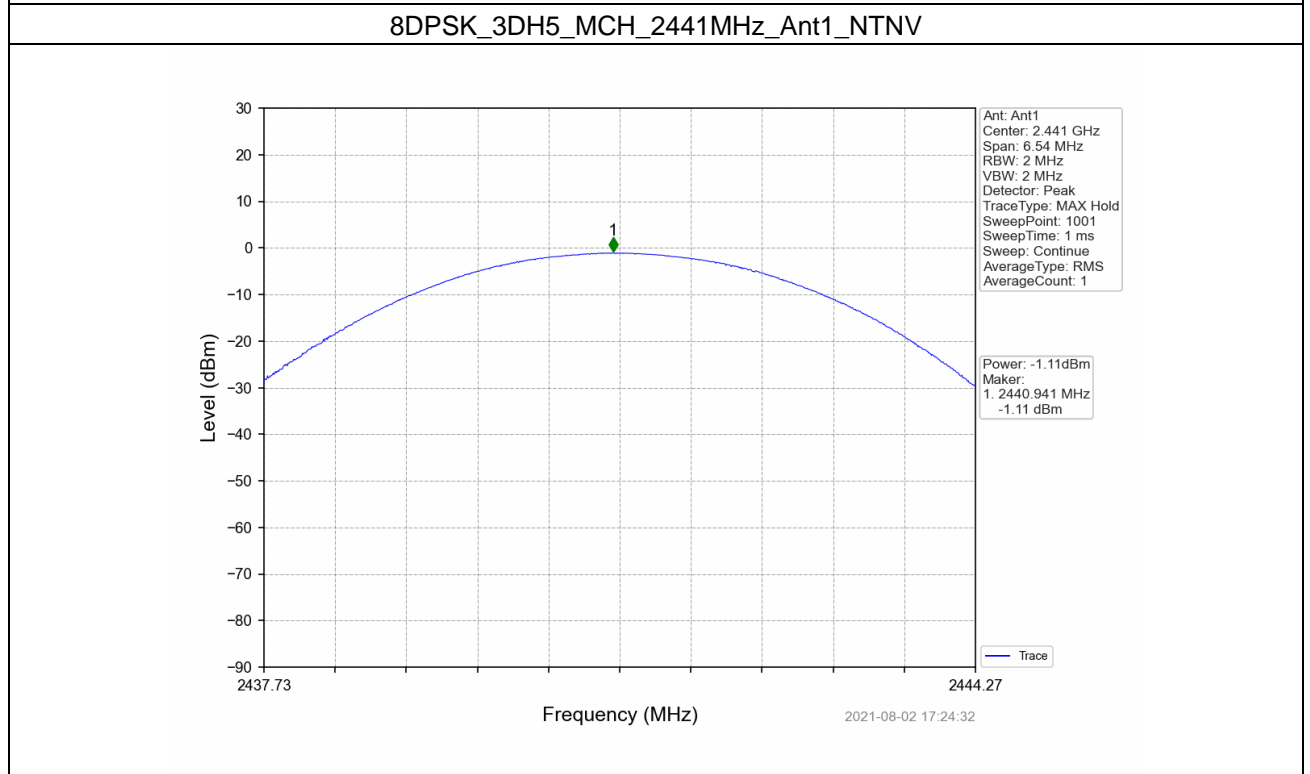
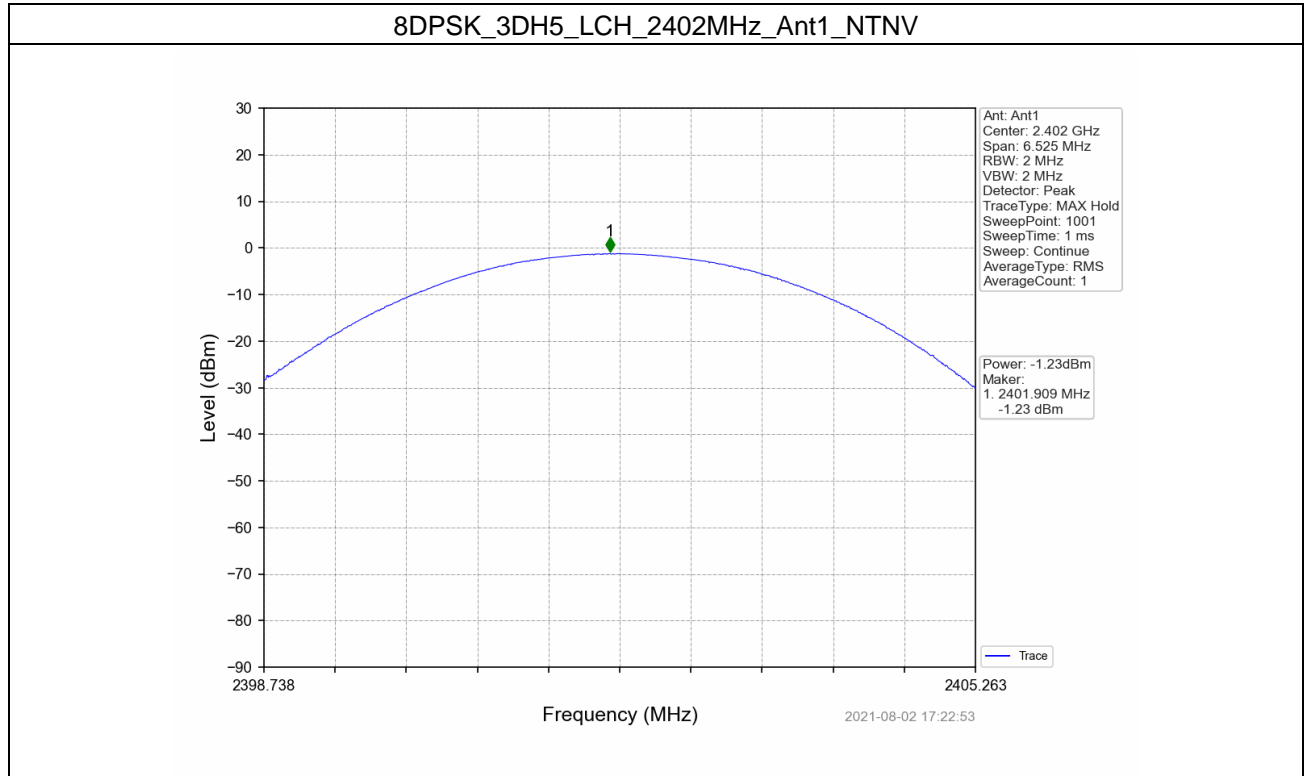
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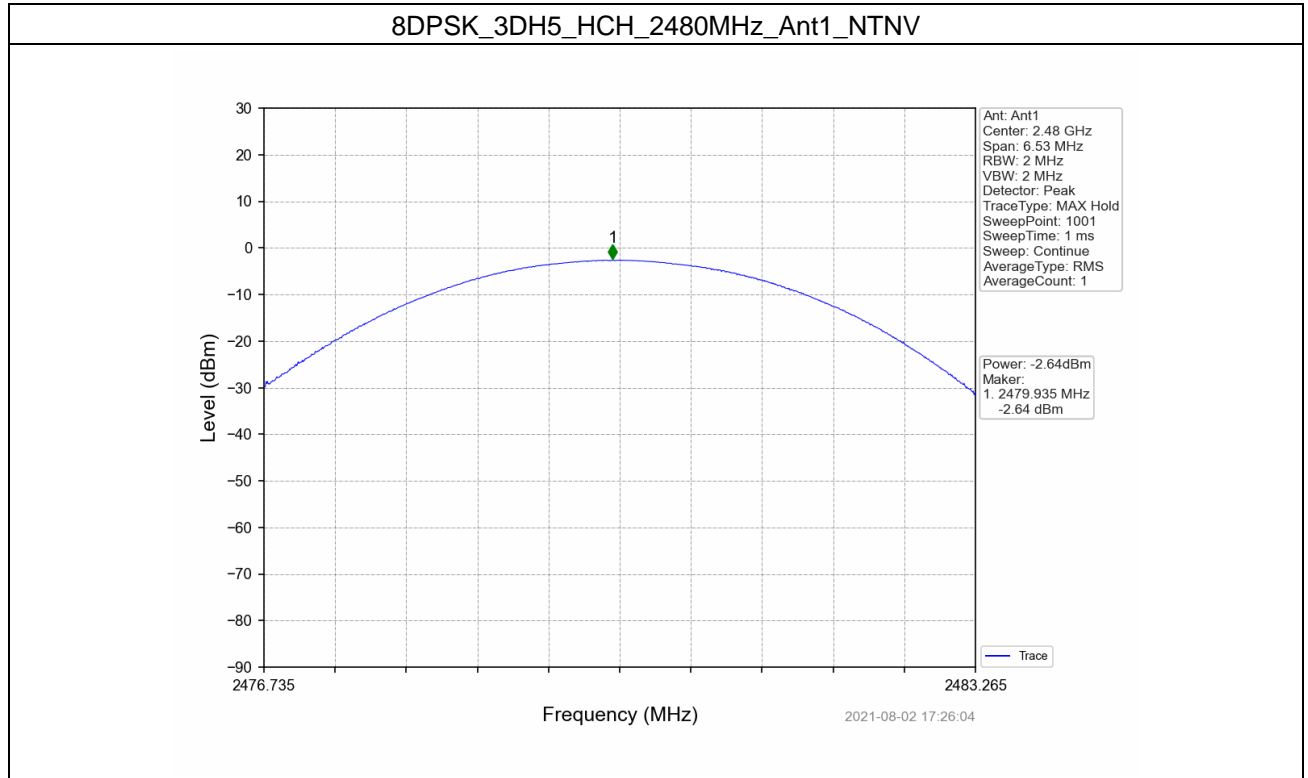
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3. Unwanted Emissions In Non-restricted Frequency Bands

3.1 Ref

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	Ant	Level of Reference (dBm)
GFSK	SISO	2402	DH5	1	-2.62
		2441	DH5	1	-2.36
		2480	DH5	1	-3.91
Pi/4DQPSK	SISO	2402	2DH5	1	-2.65
		2441	2DH5	1	-2.44
		2480	2DH5	1	-3.98
8DPSK	SISO	2402	3DH5	1	-2.52
		2441	3DH5	1	-2.36
		2480	3DH5	1	-3.84

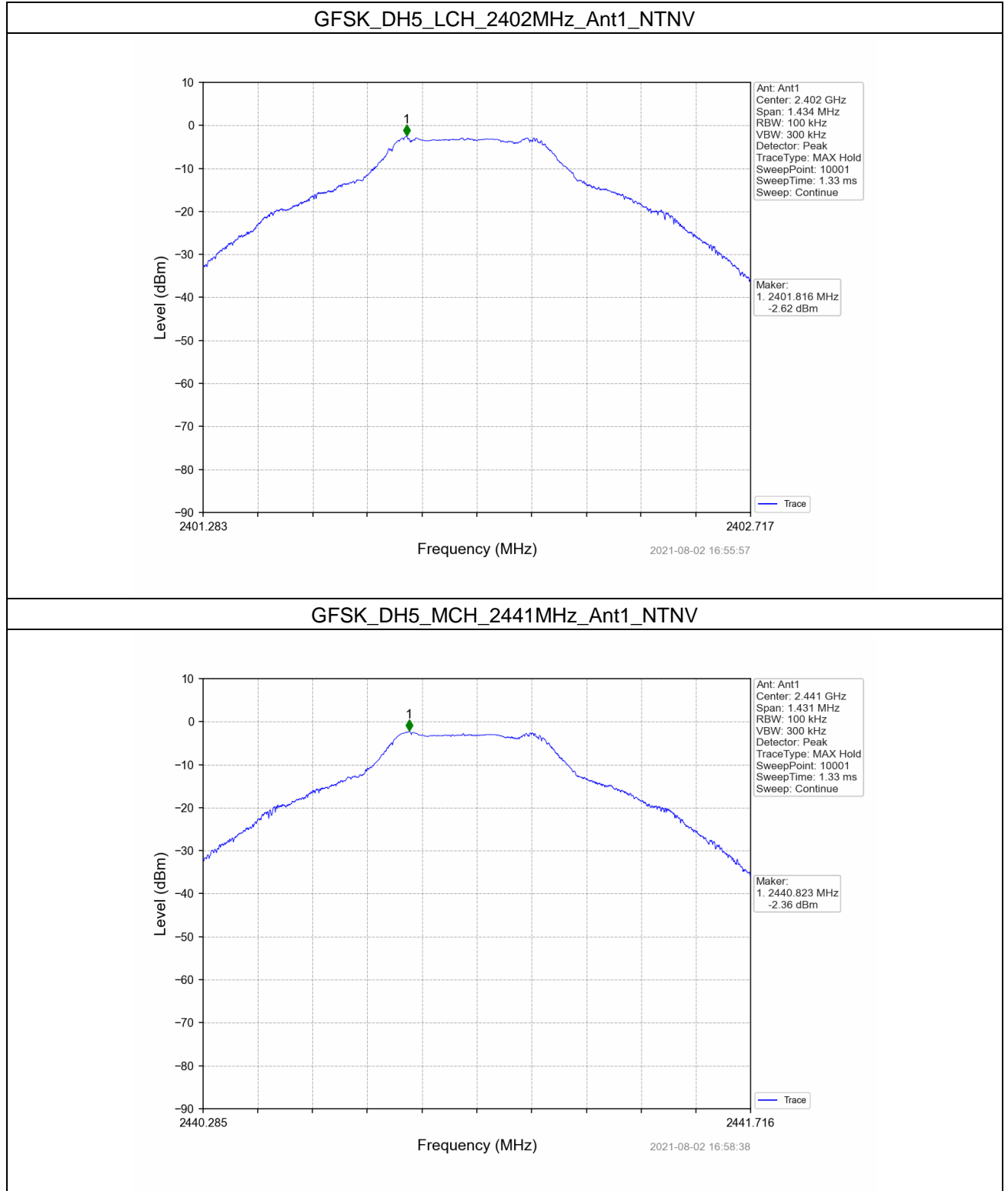
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.



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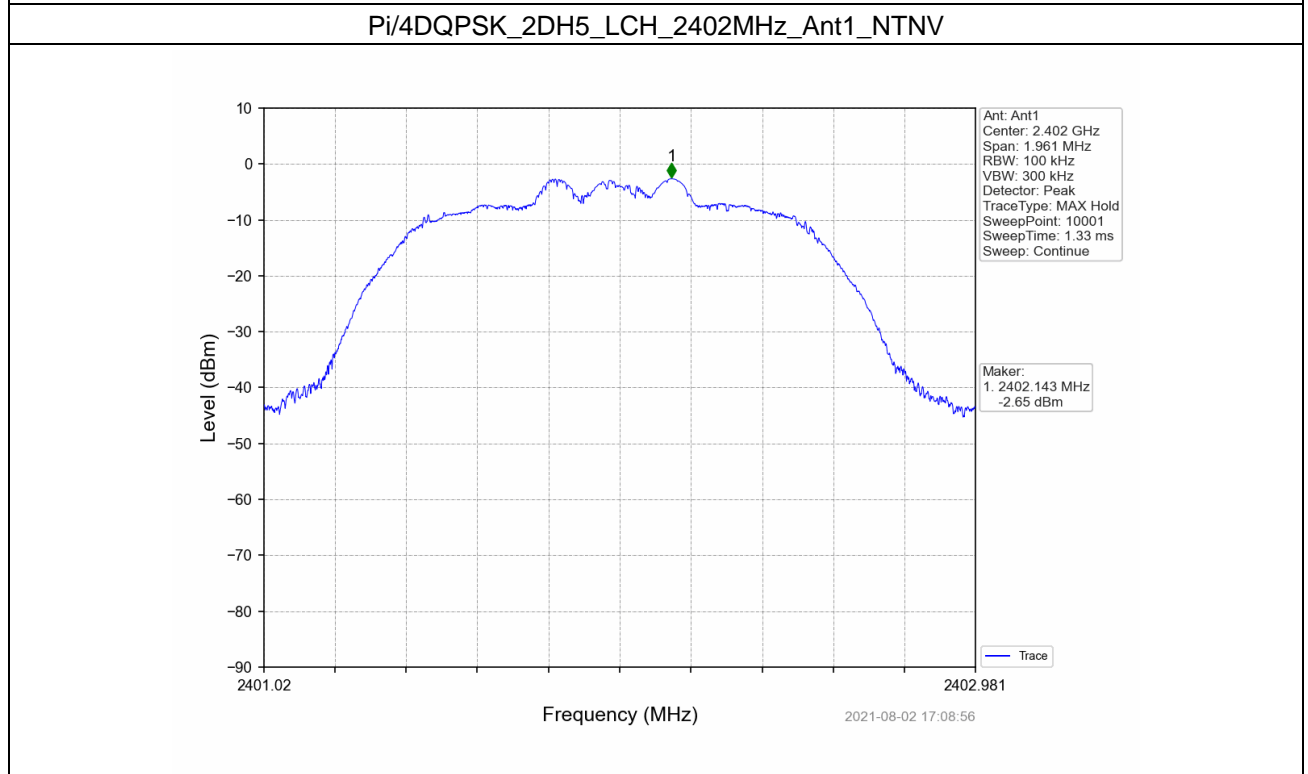
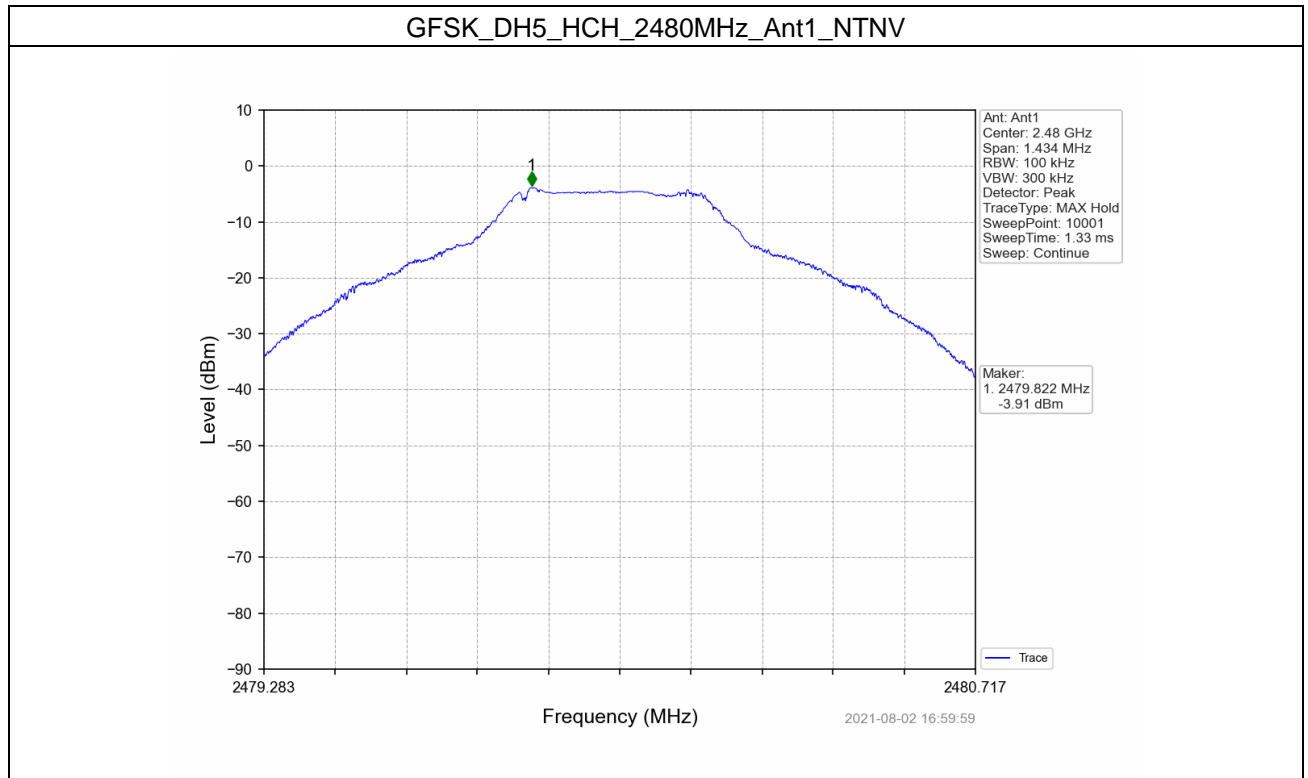
3.1.2 Test Graph



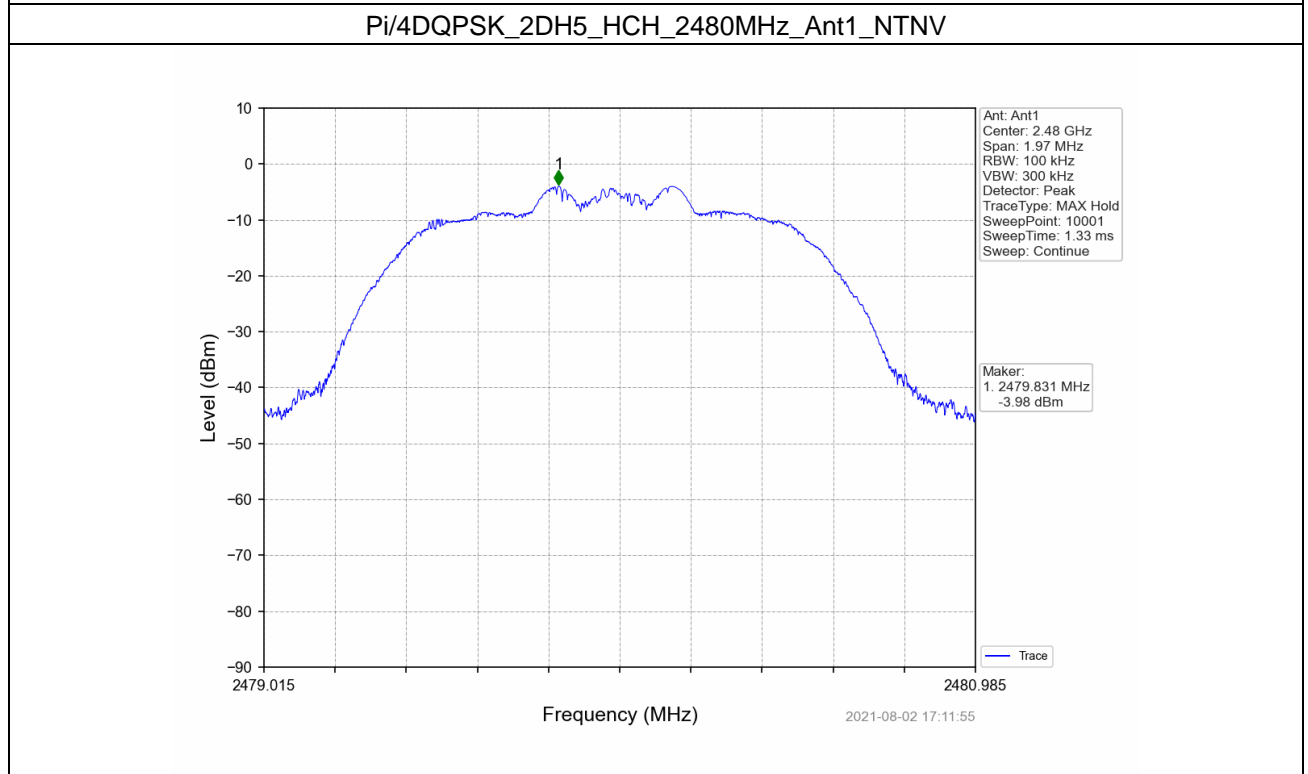
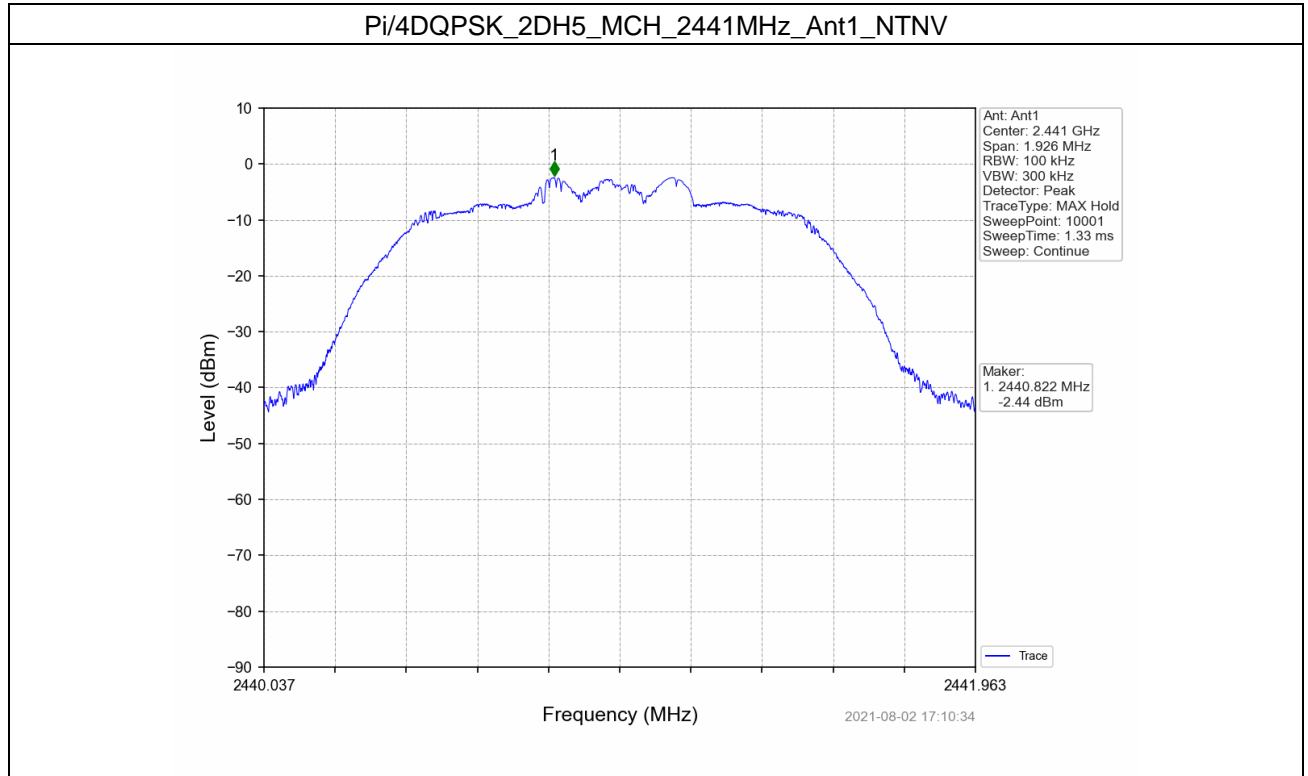
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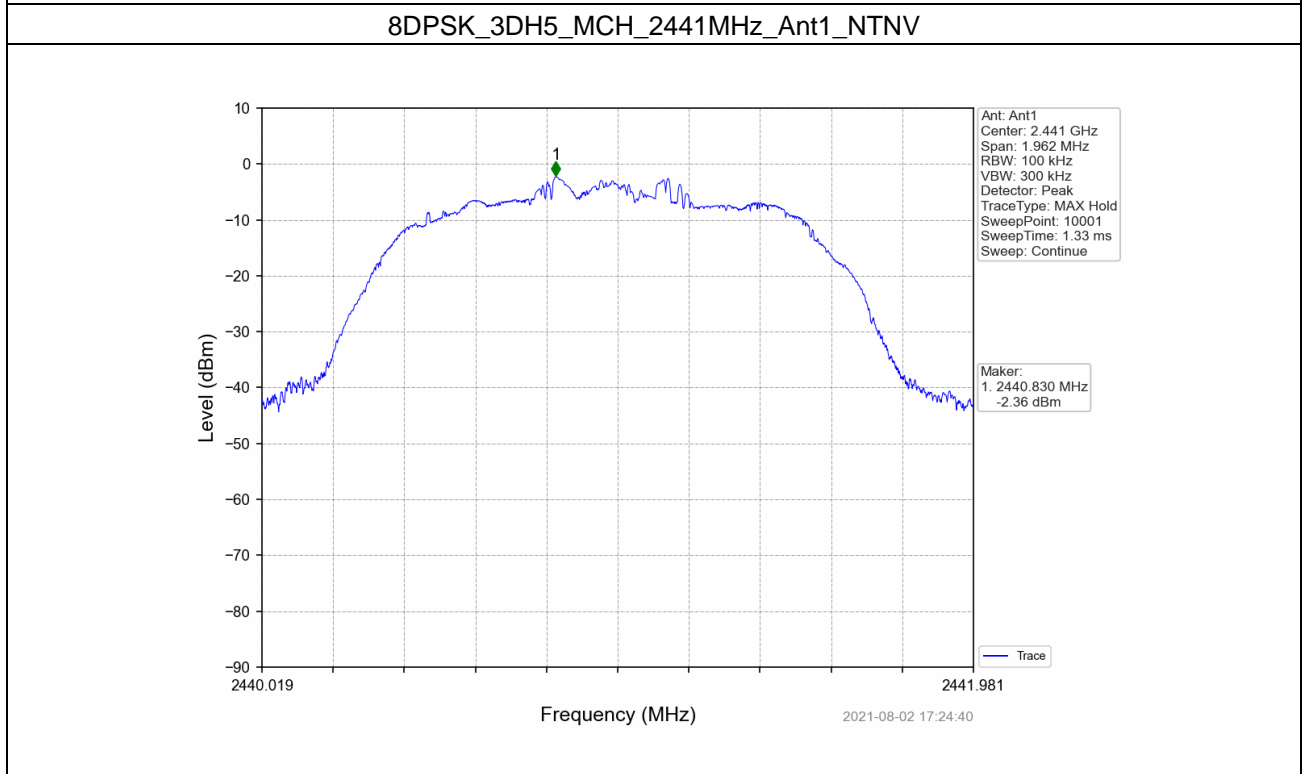
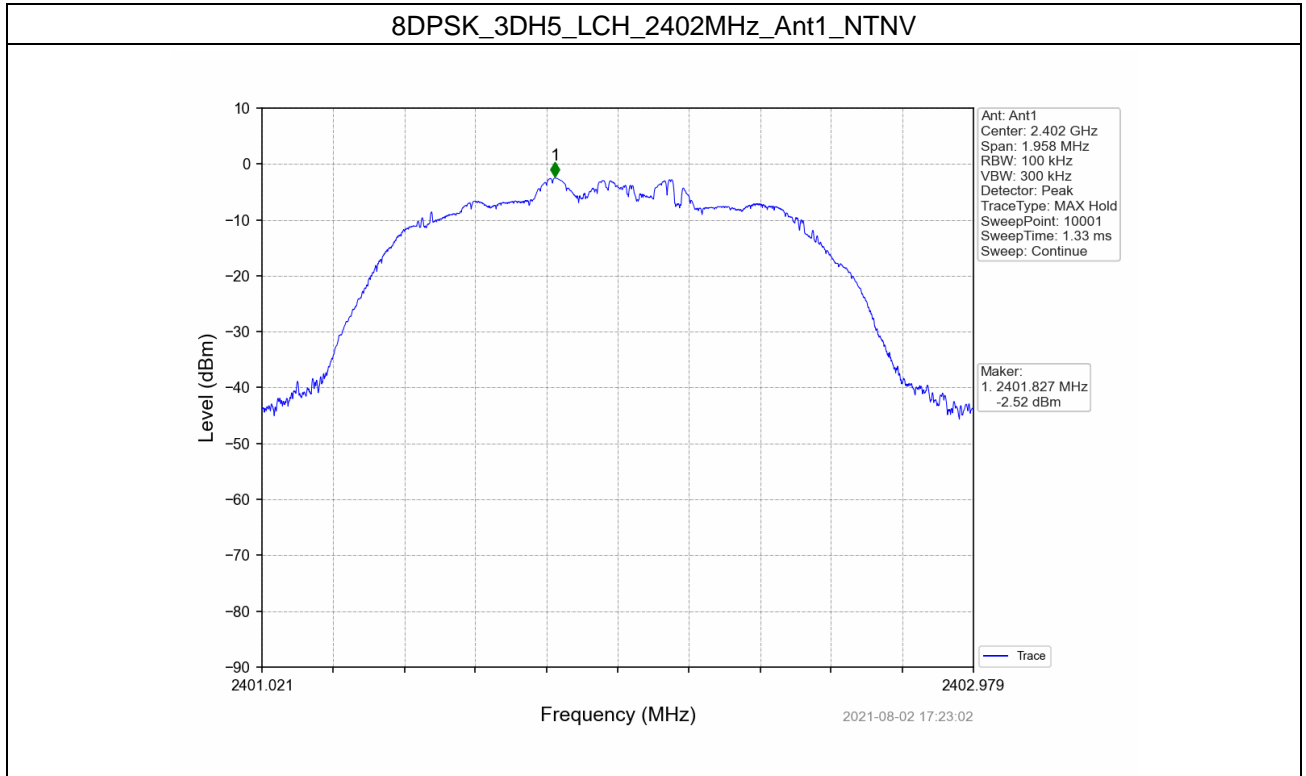
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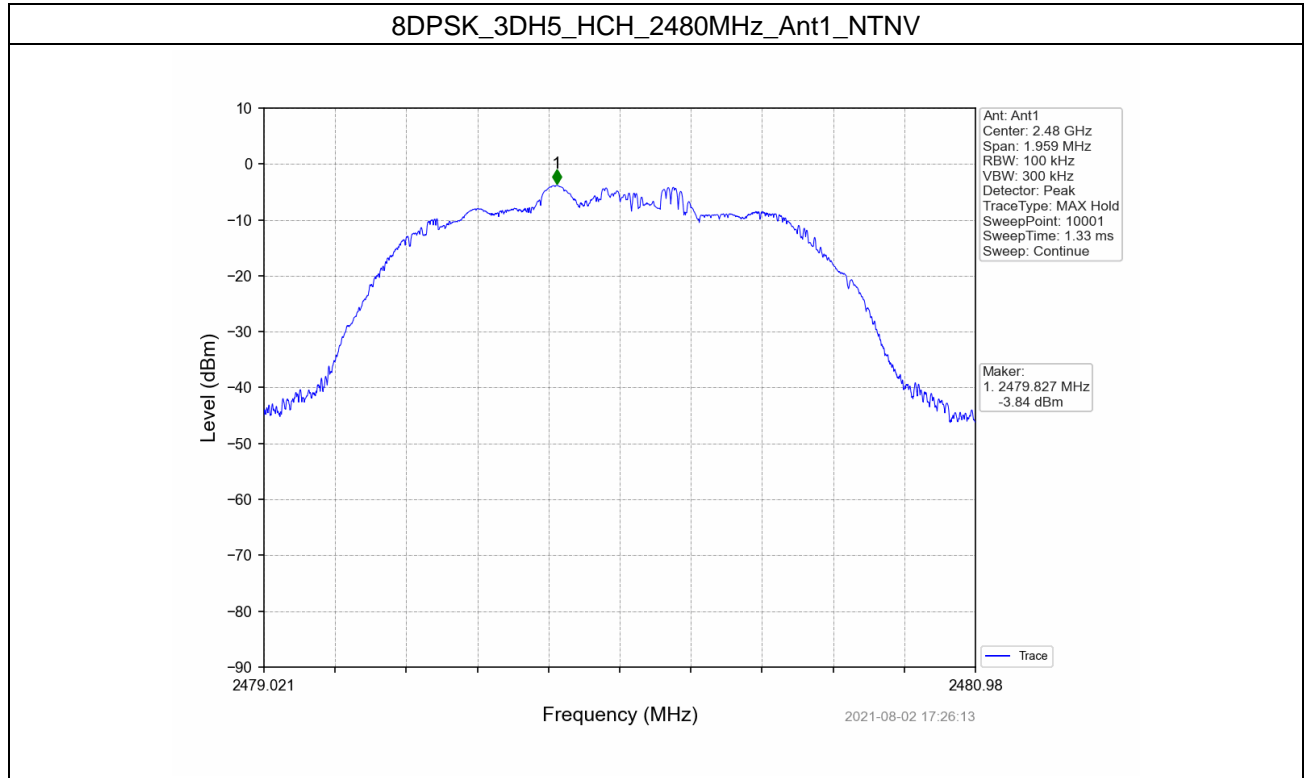
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3.2 CSE

3.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	DH5	1	-2.36	-22.36	Pass
		2441	DH5	1	-2.36	-22.36	Pass
		2480	DH5	1	-2.36	-22.36	Pass
		HOPP	DH5	1	-2.36	-22.36	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	-2.44	-22.44	Pass
		2441	2DH5	1	-2.44	-22.44	Pass
		2480	2DH5	1	-2.44	-22.44	Pass
		HOPP	2DH5	1	-2.44	-22.44	Pass
8DPSK	SISO	2402	3DH5	1	-2.36	-22.36	Pass
		2441	3DH5	1	-2.36	-22.36	Pass
		2480	3DH5	1	-2.36	-22.36	Pass
		HOPP	3DH5	1	-2.36	-22.36	Pass

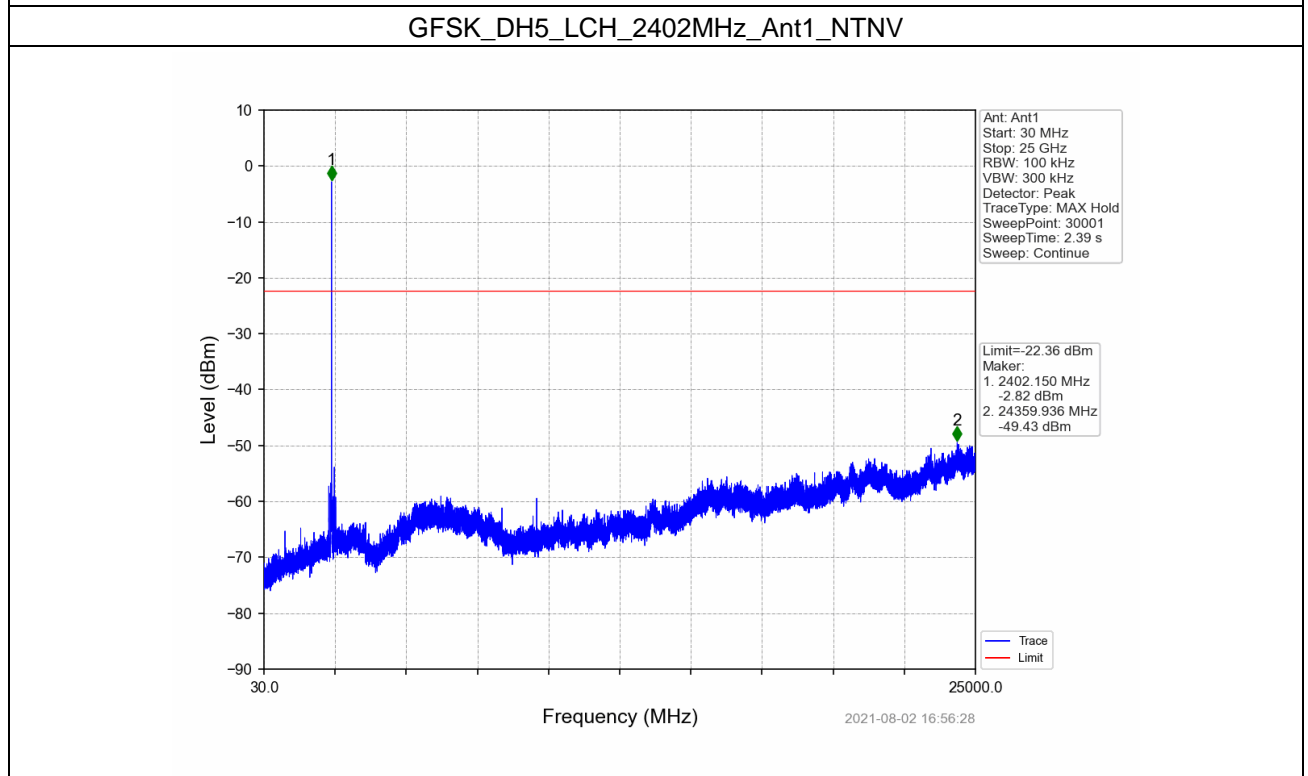
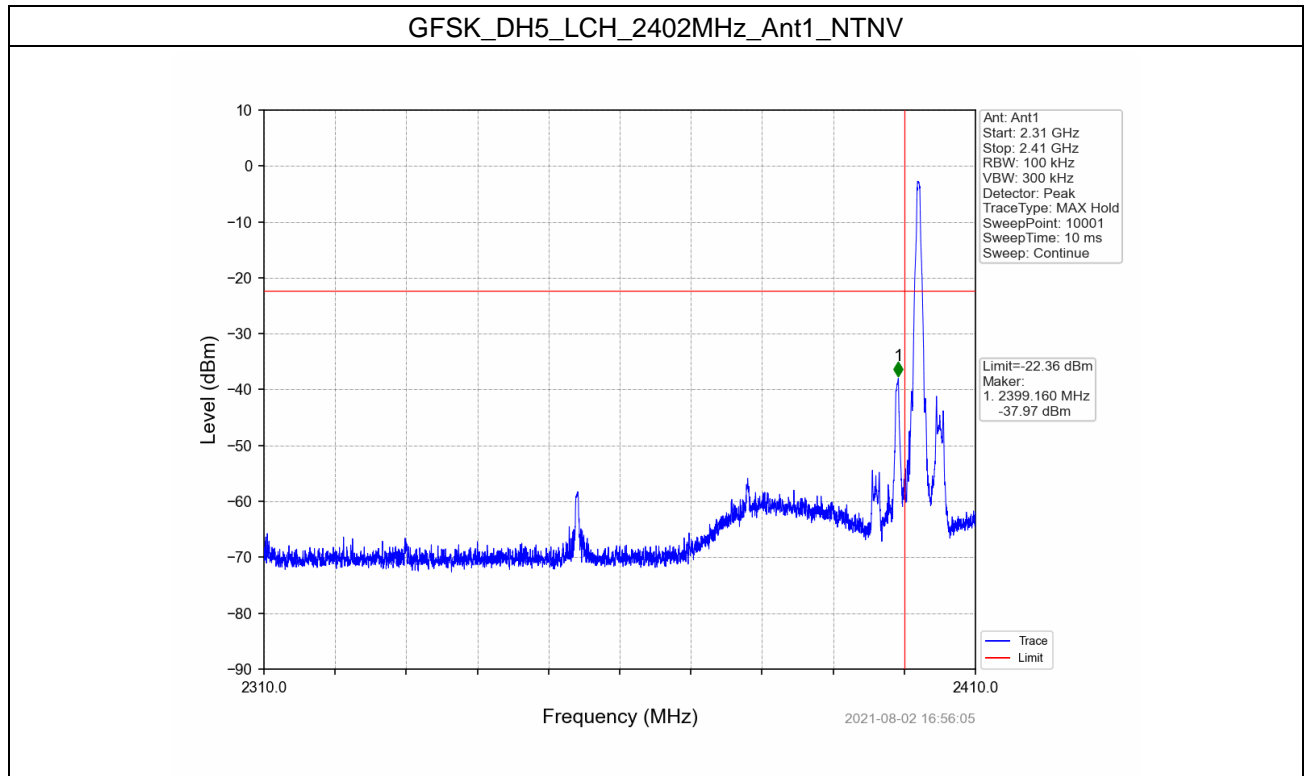
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.



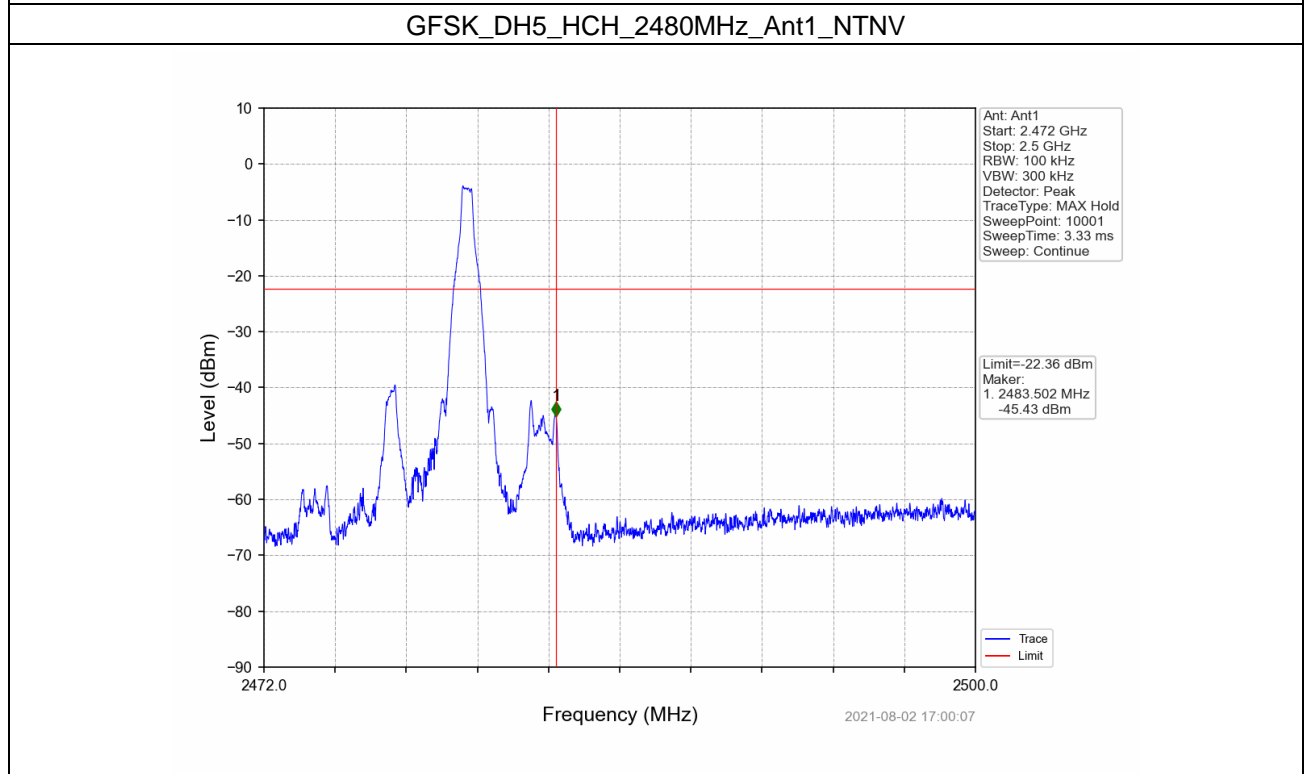
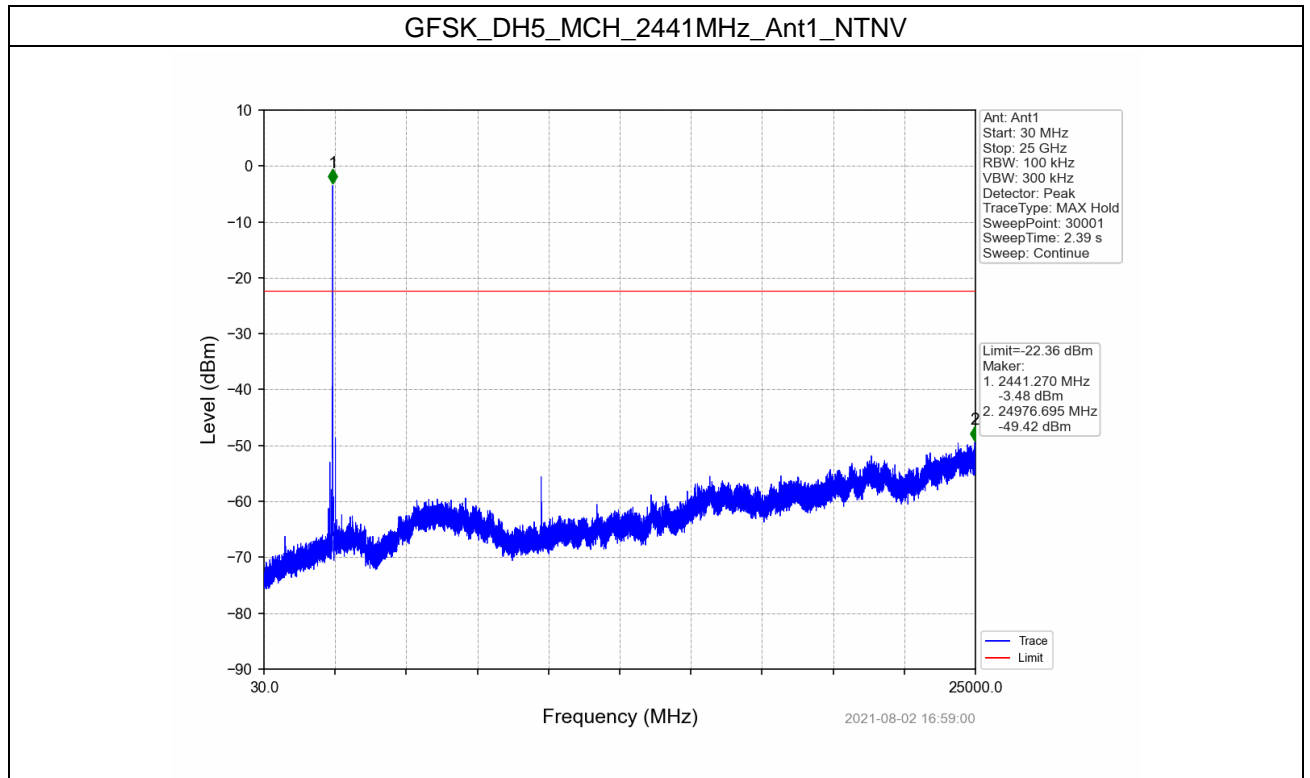
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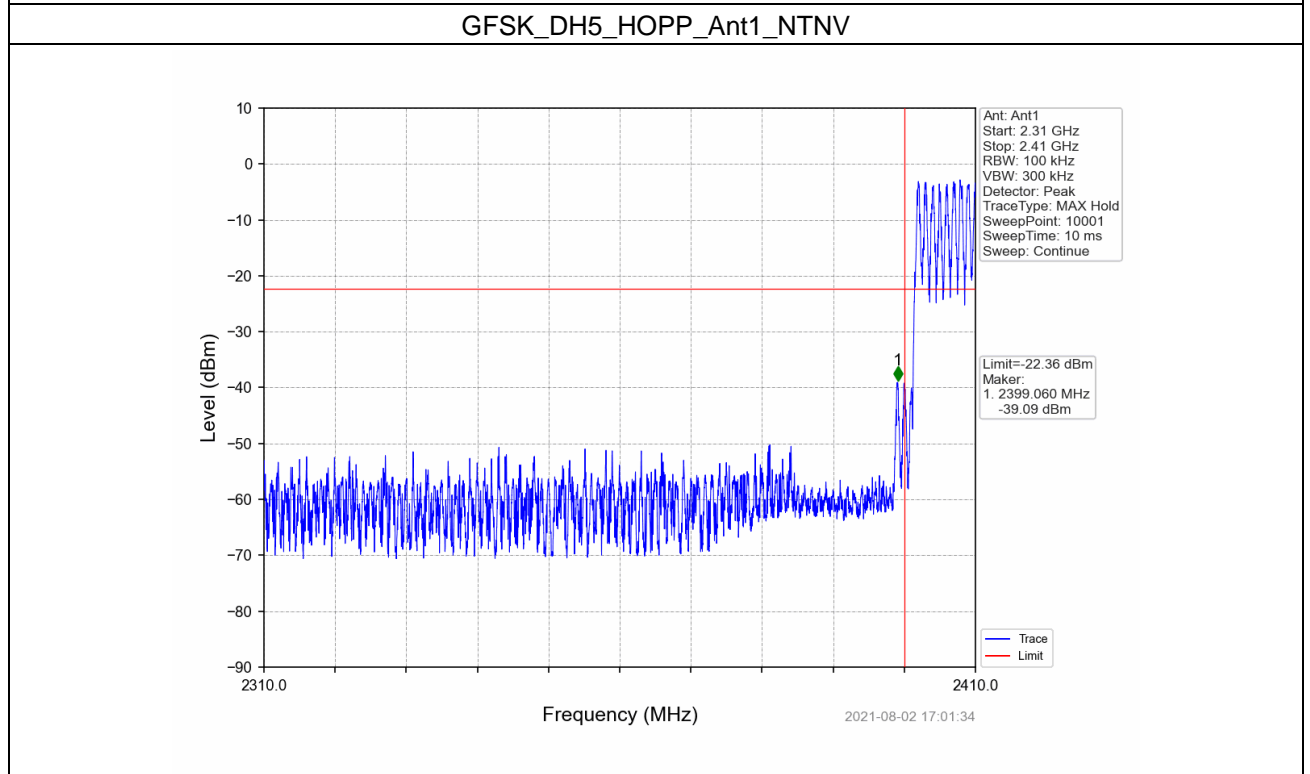
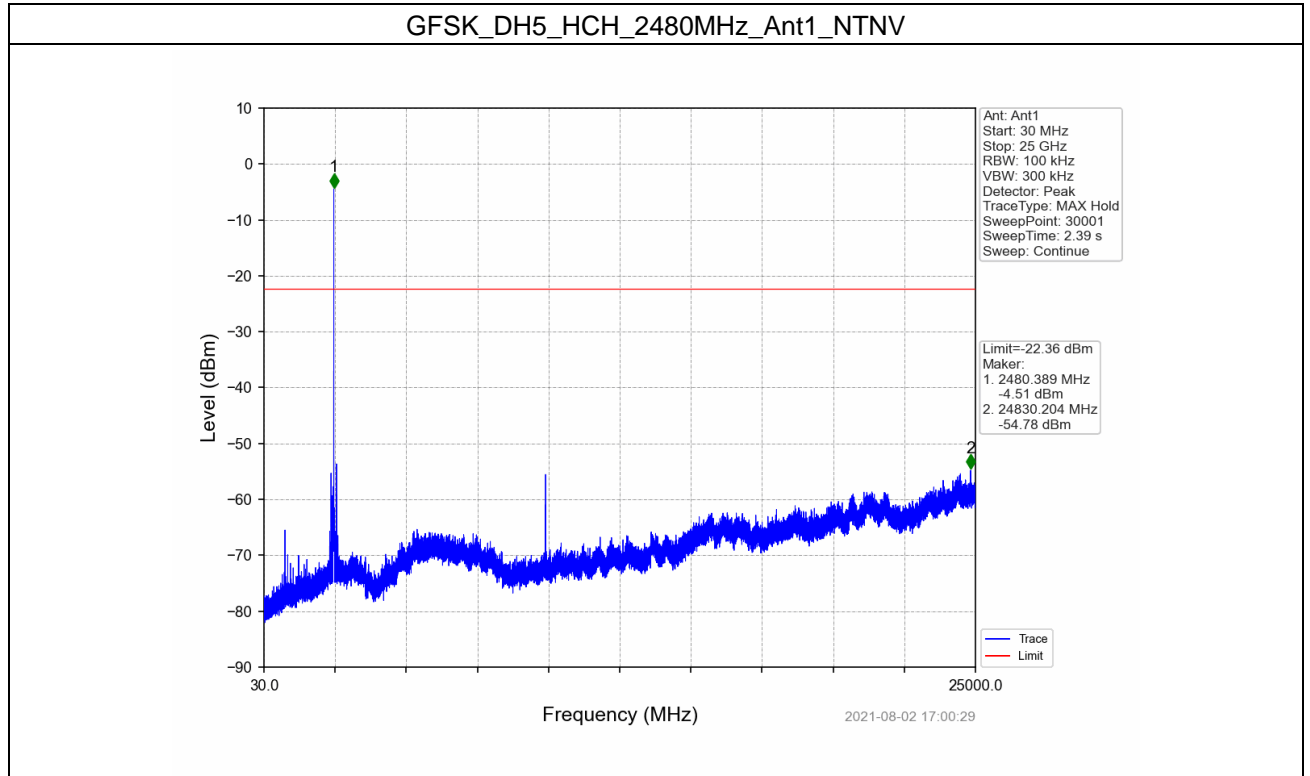
3.2.2 Test Graph



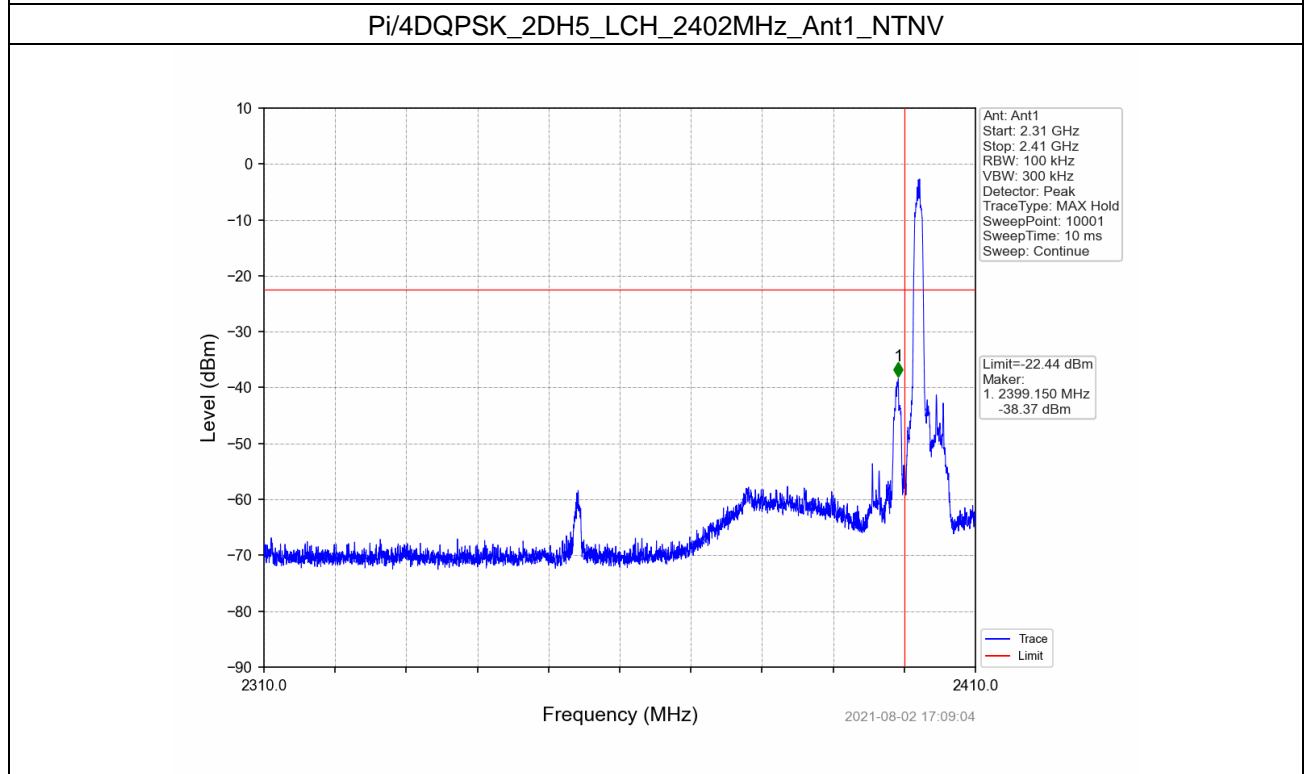
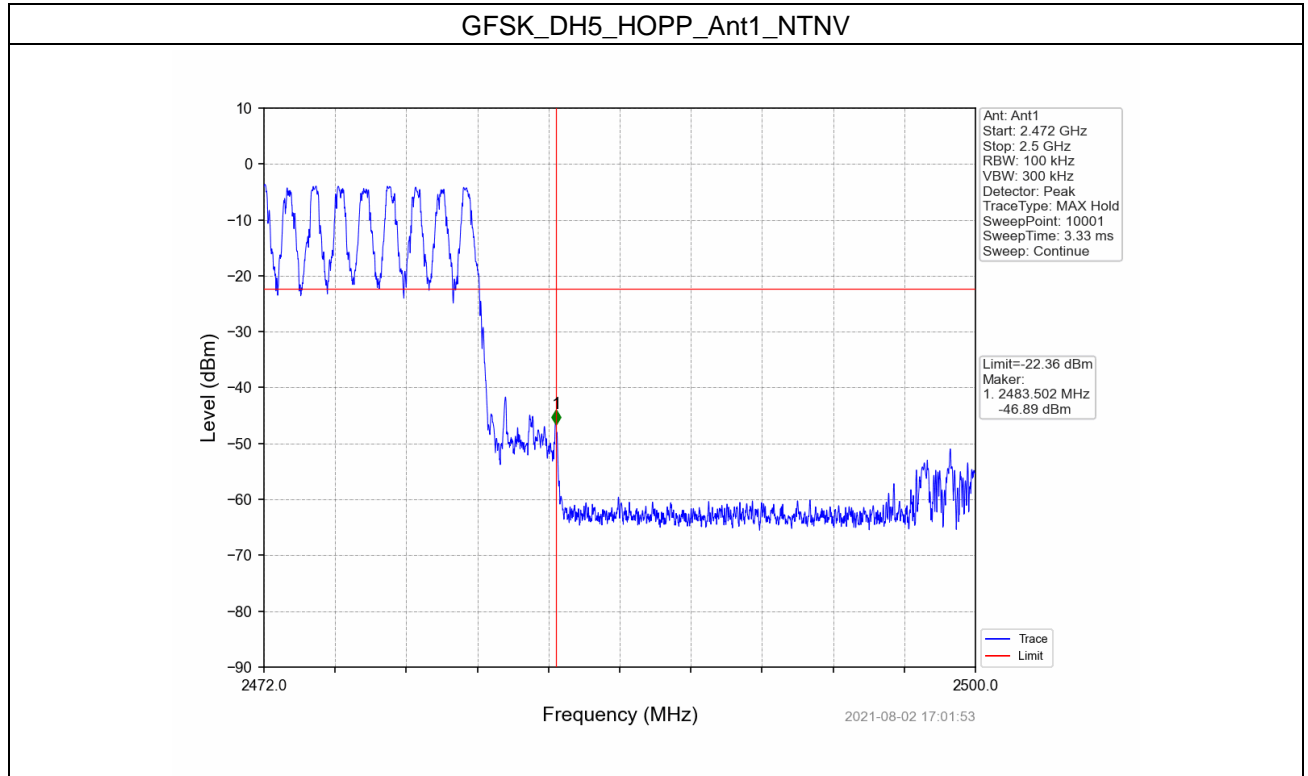
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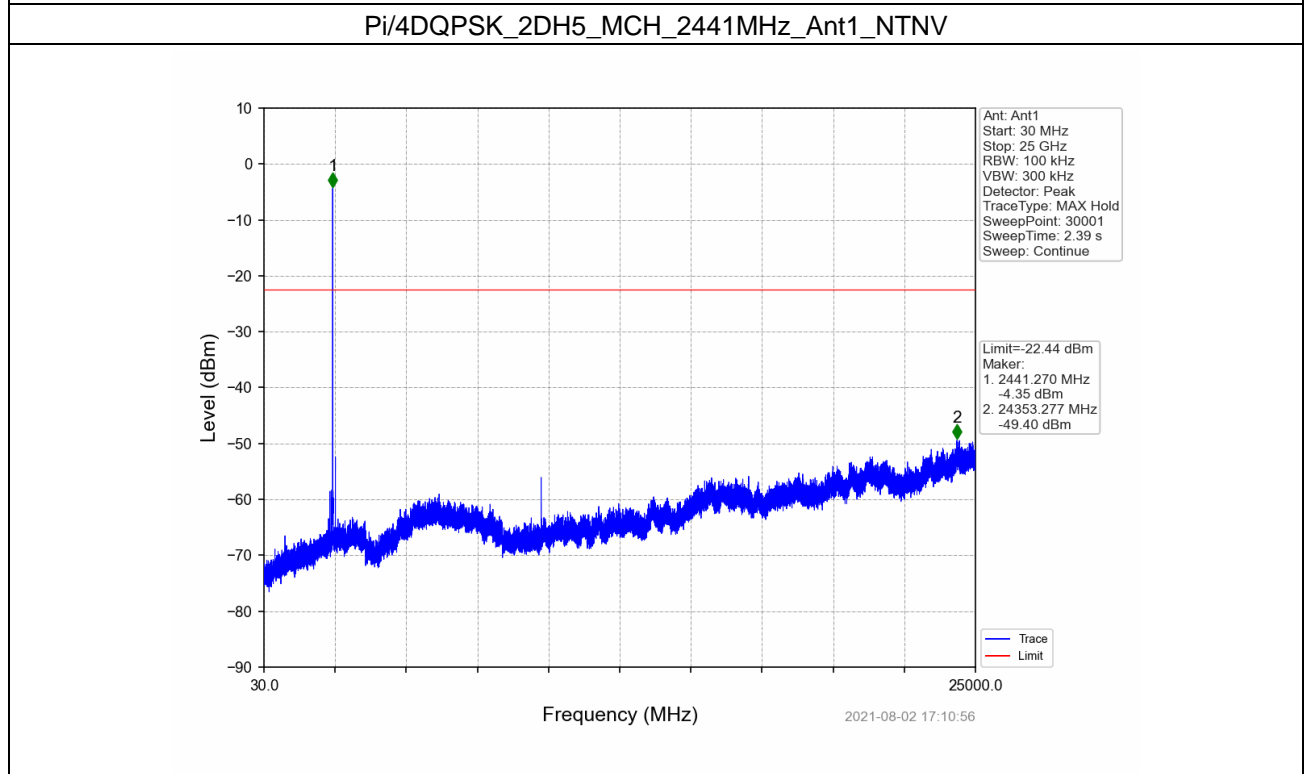
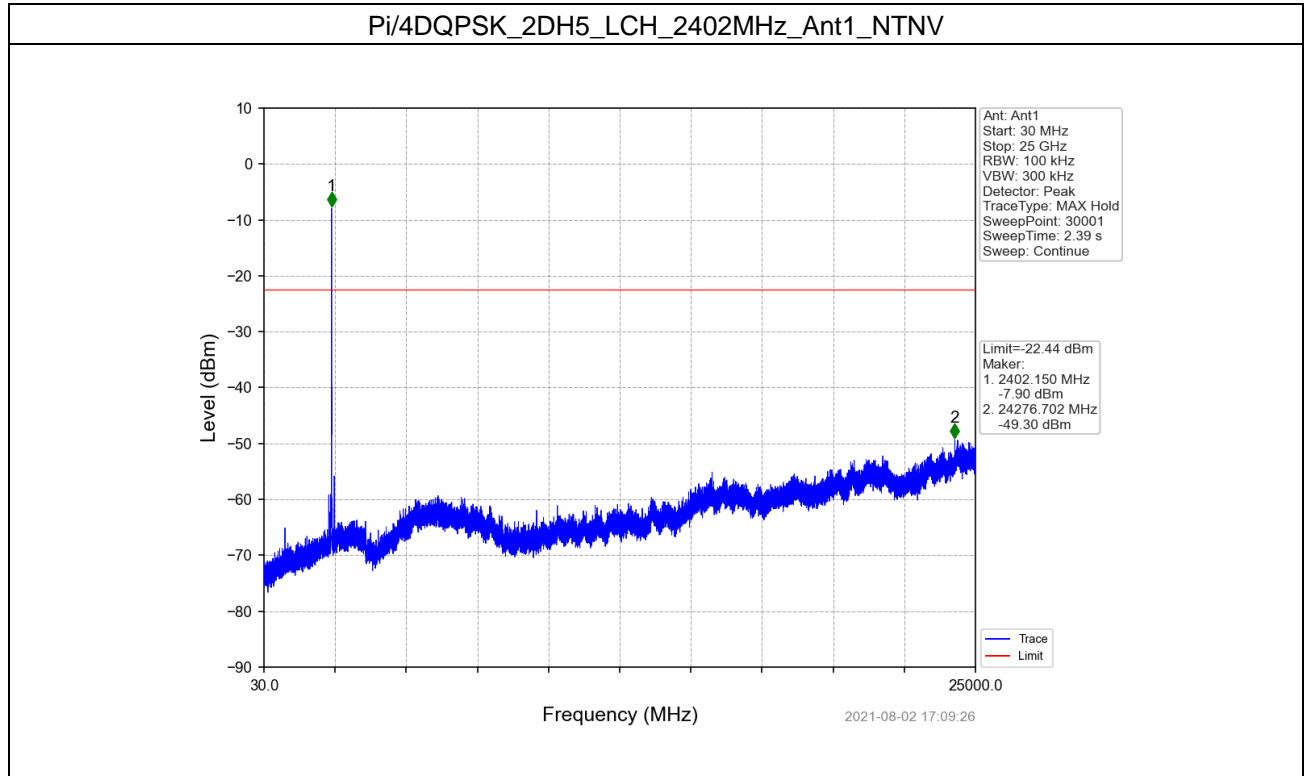


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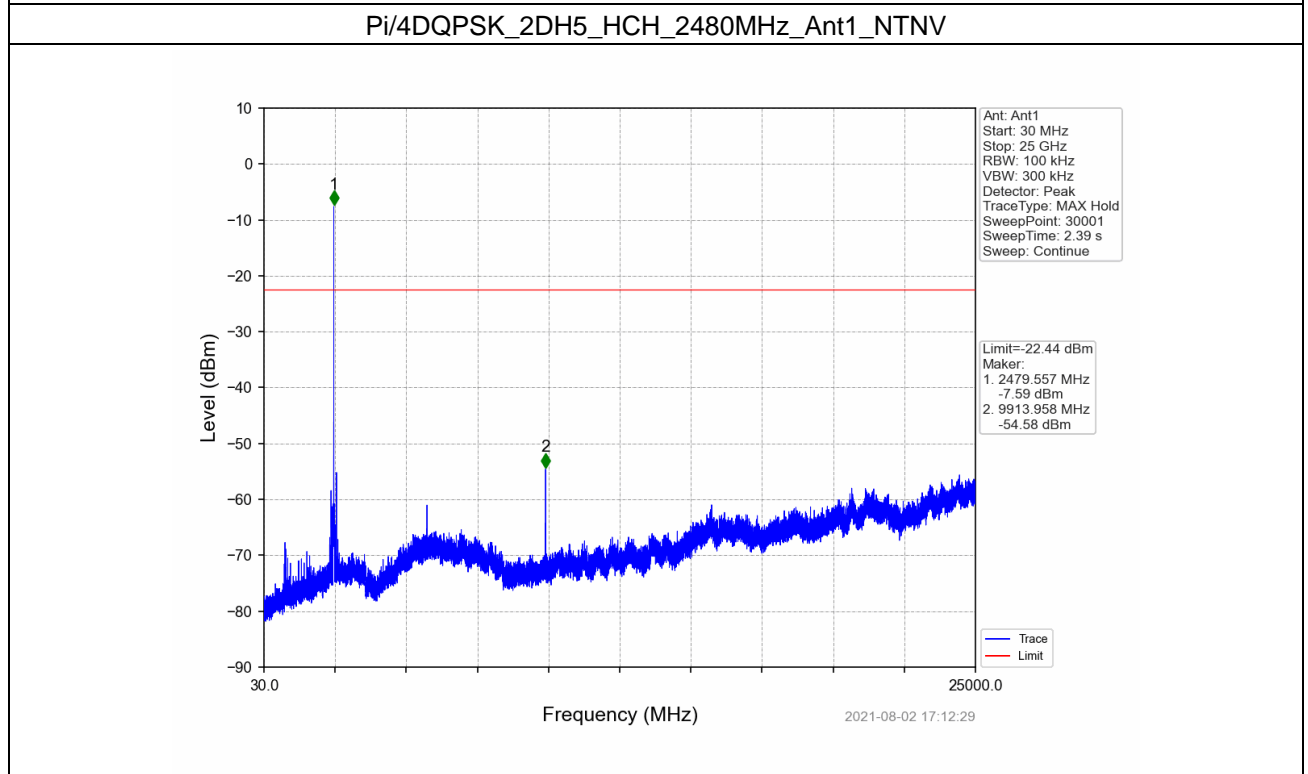
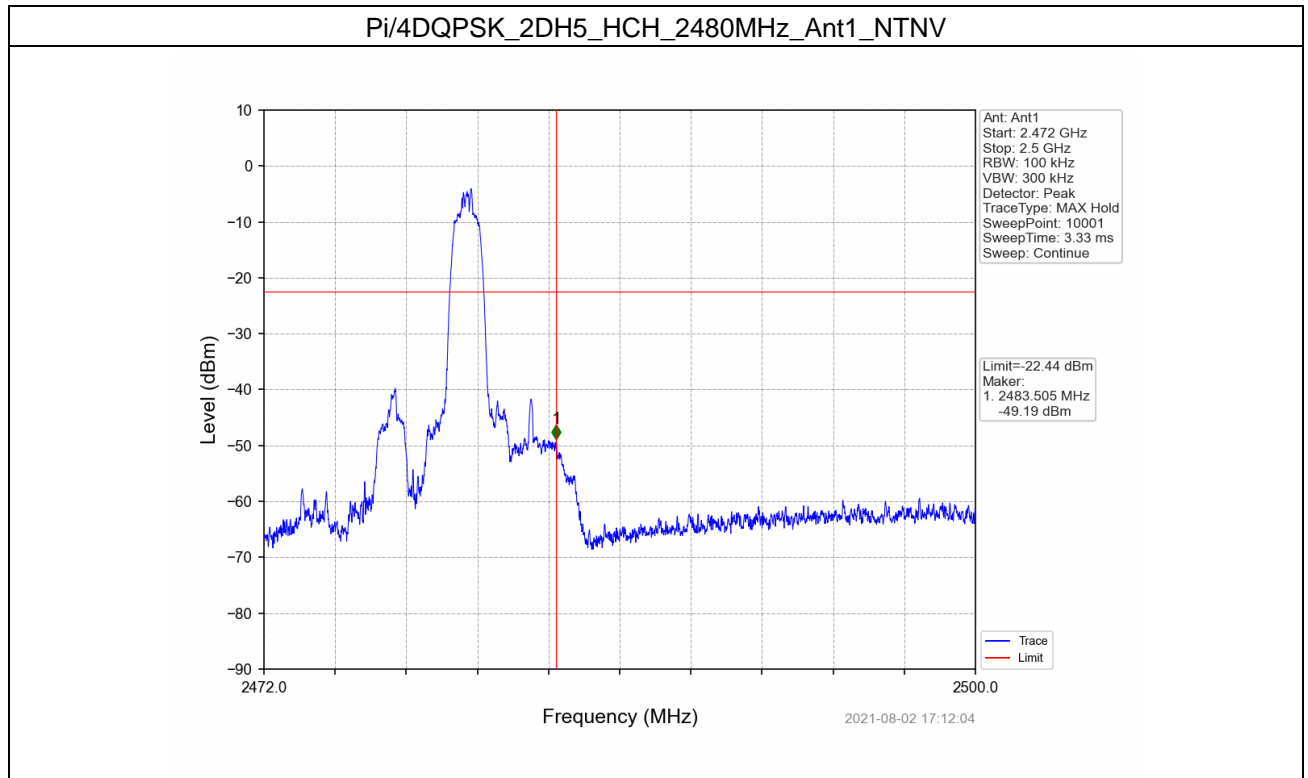
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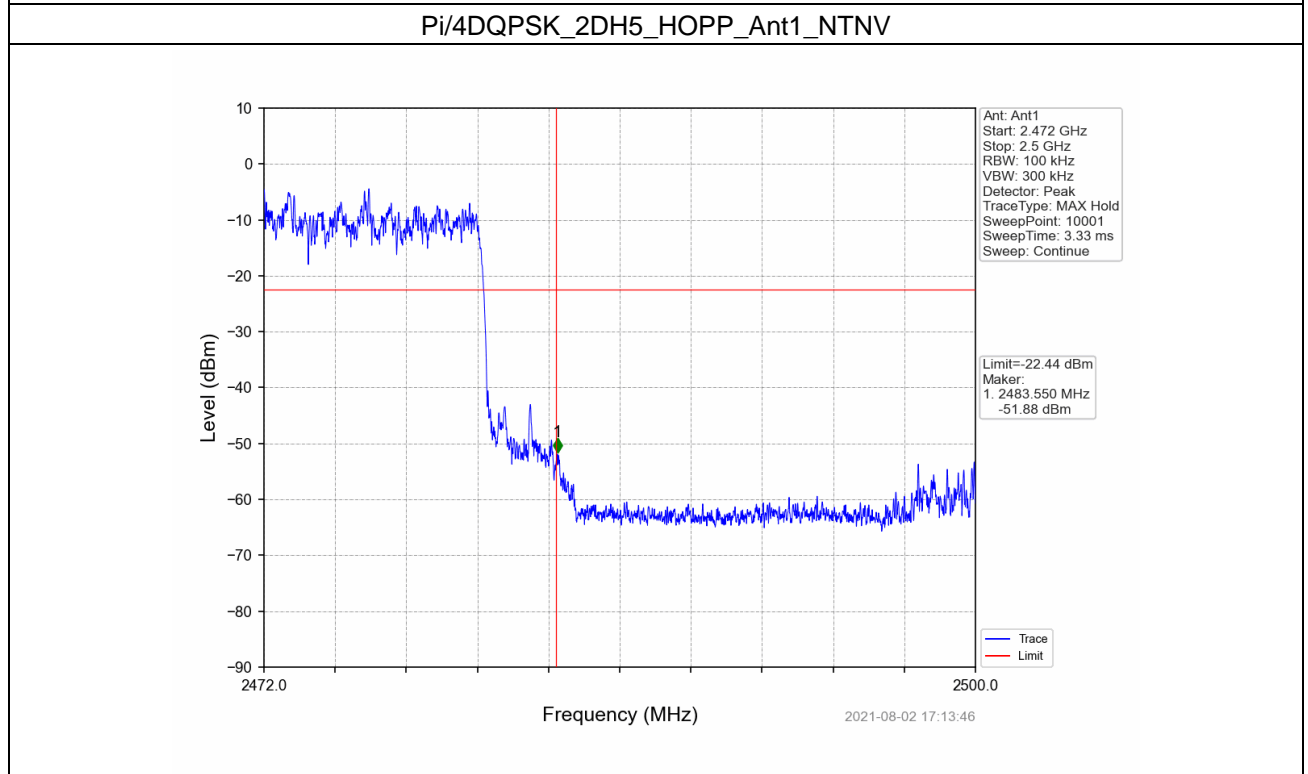
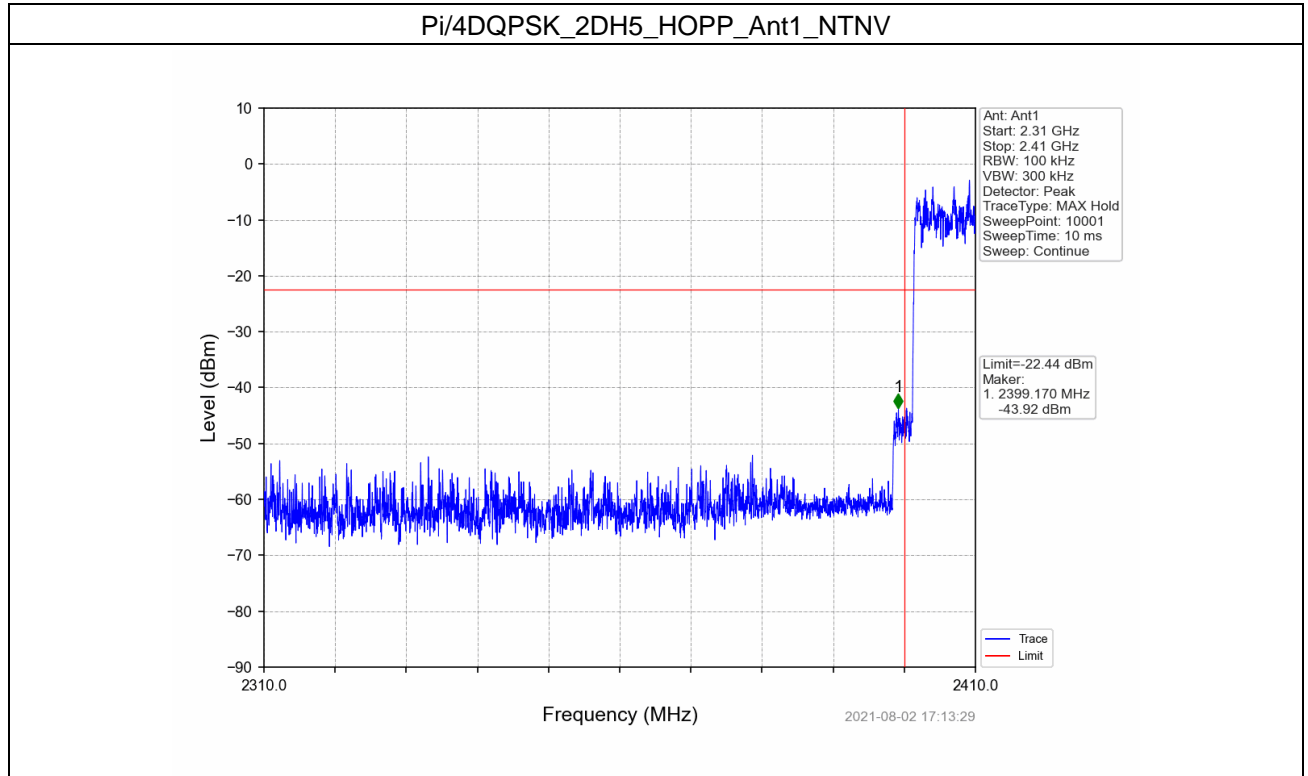
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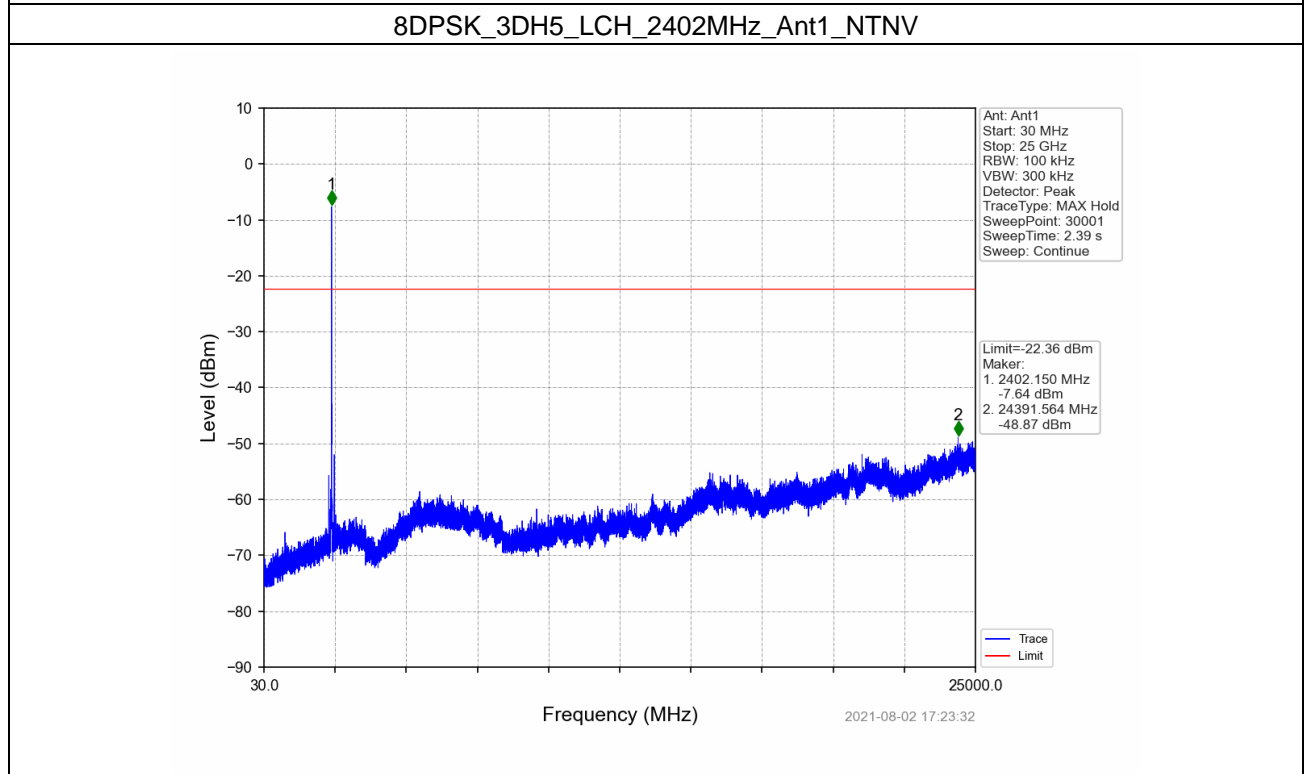
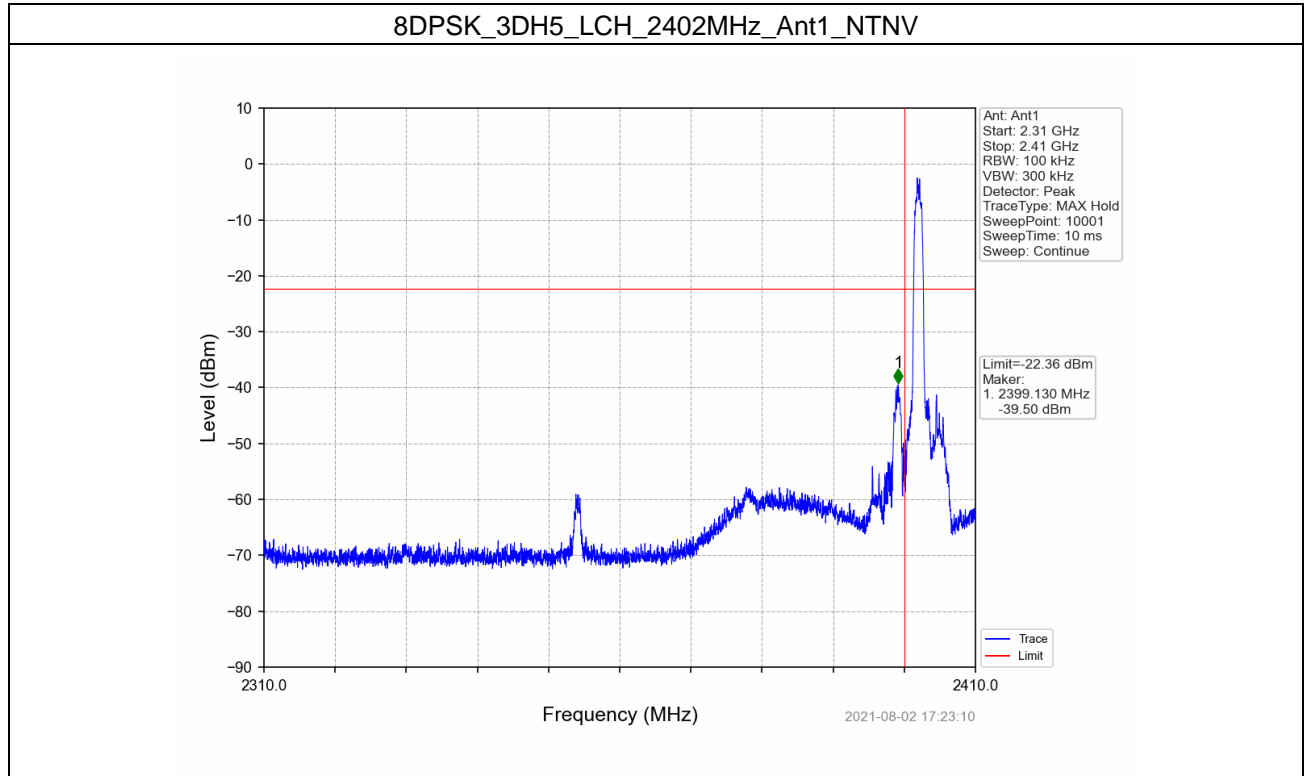
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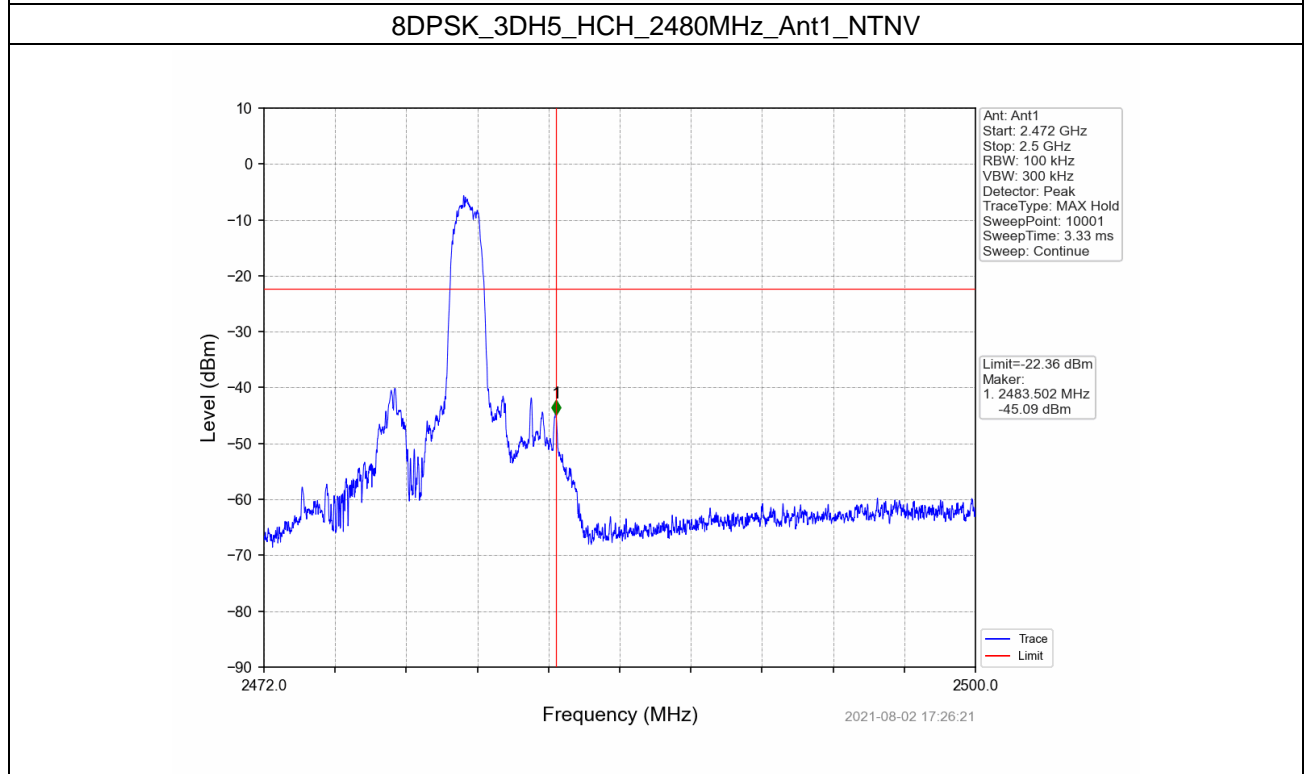
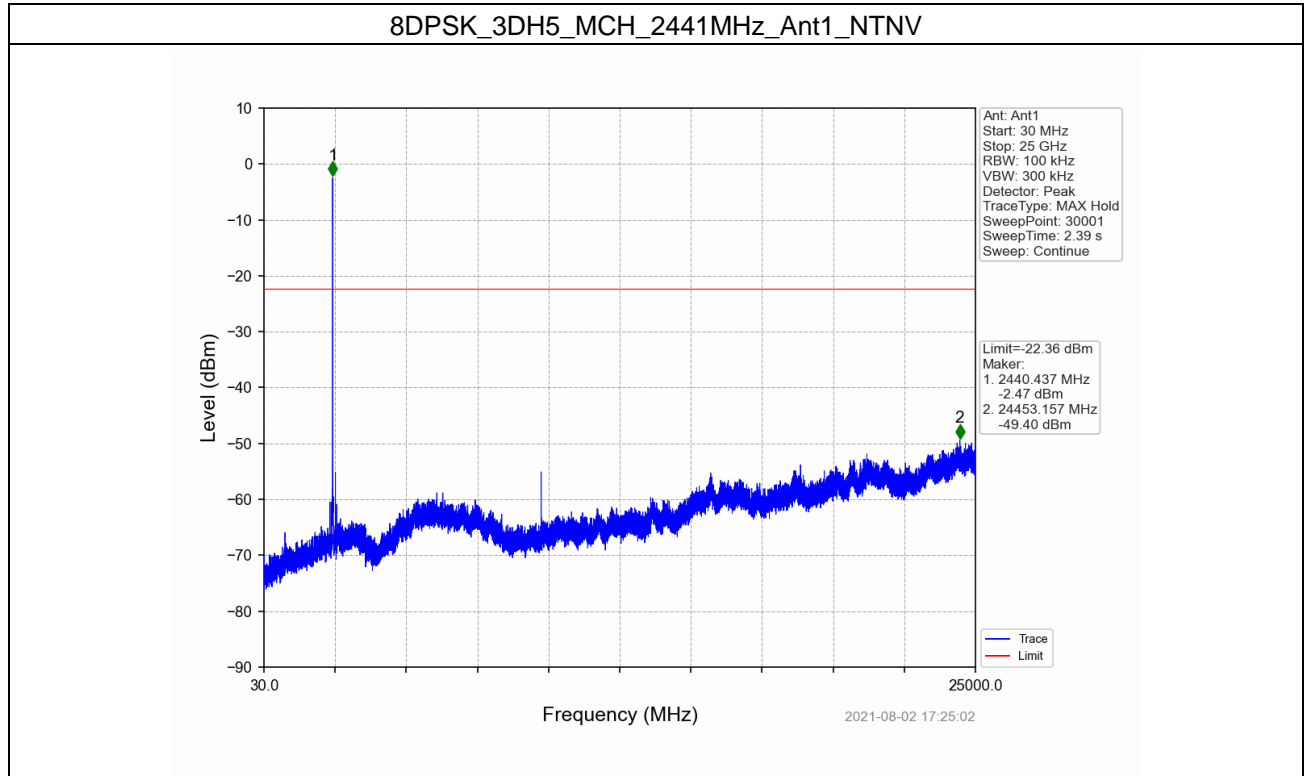
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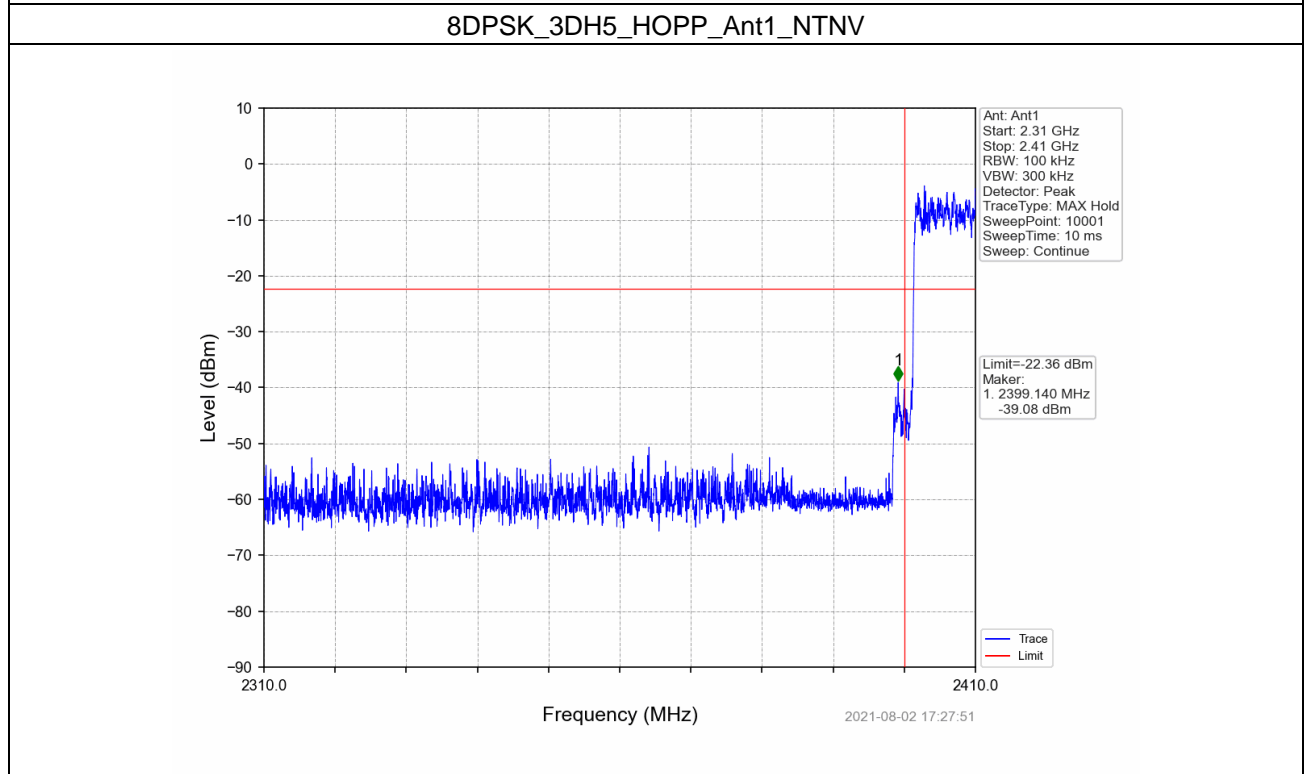
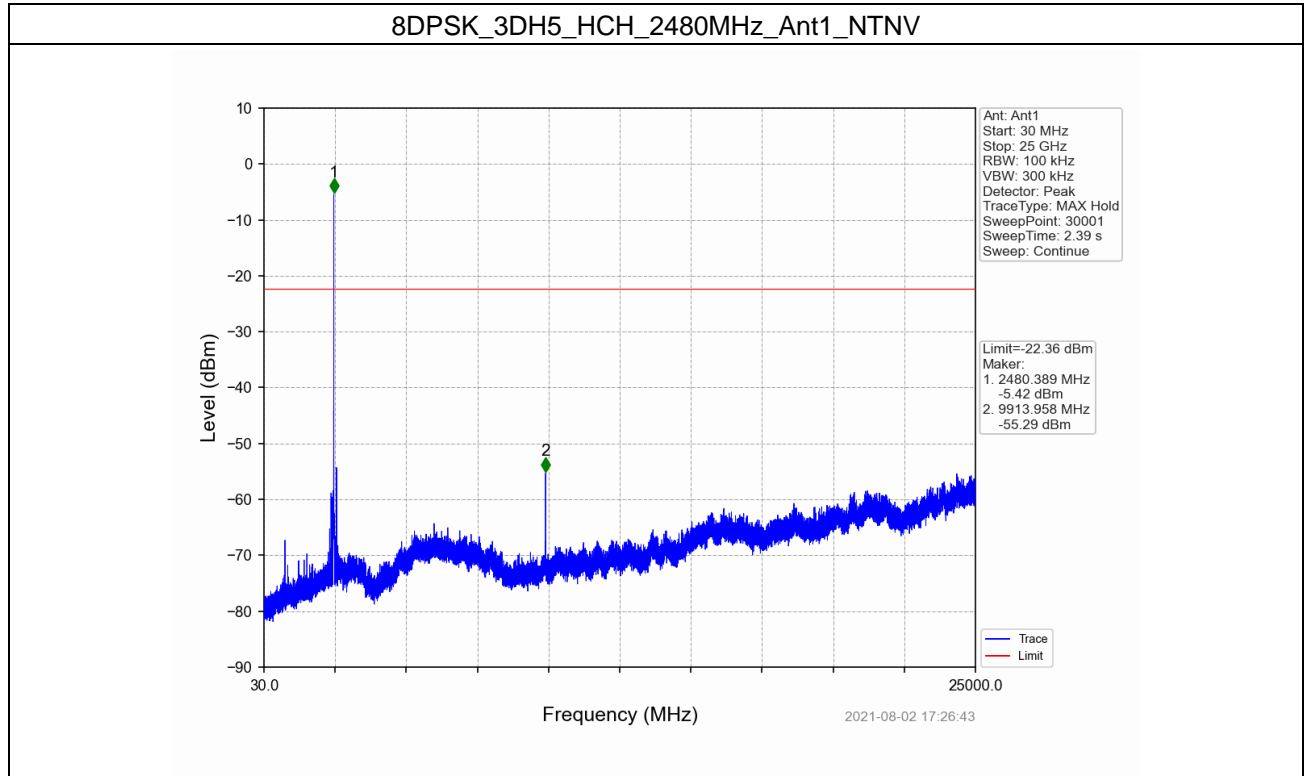
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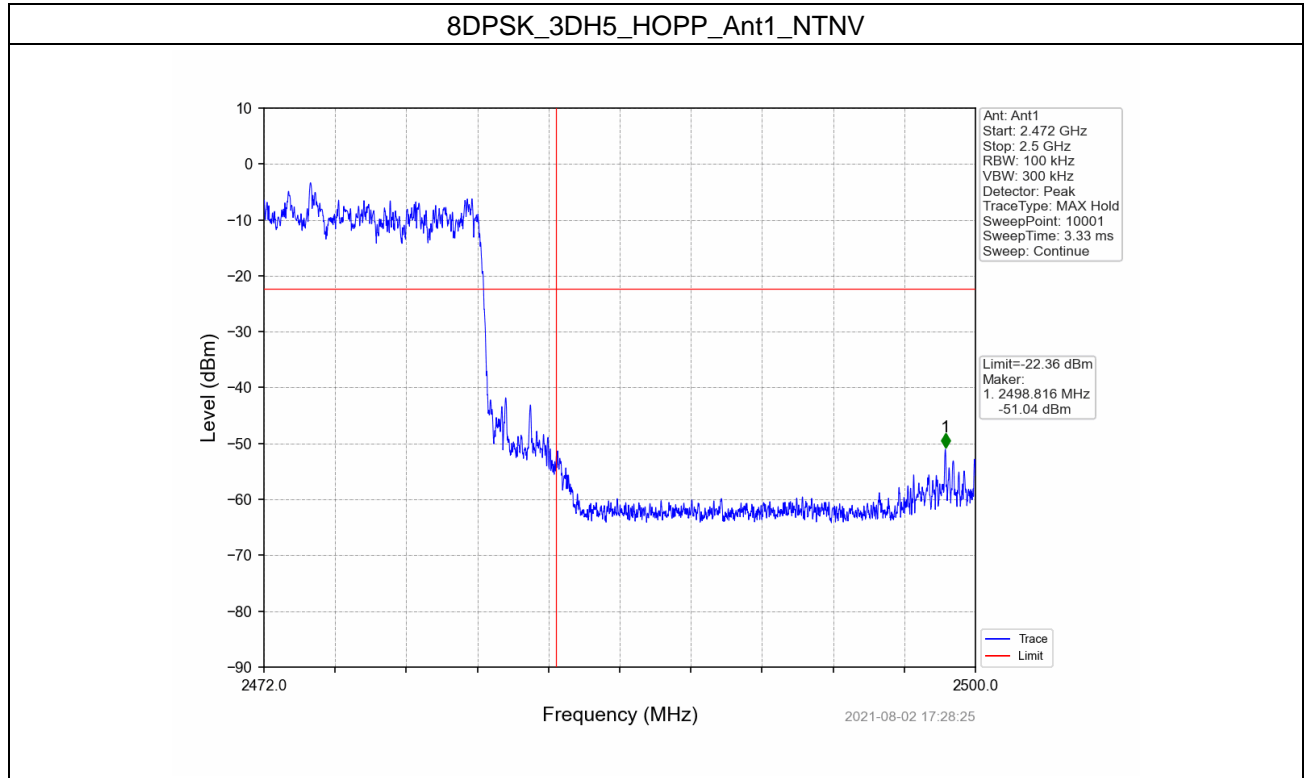
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4. Carrier Frequency Separation

4.1 Ant1

4.1.1 Test Result

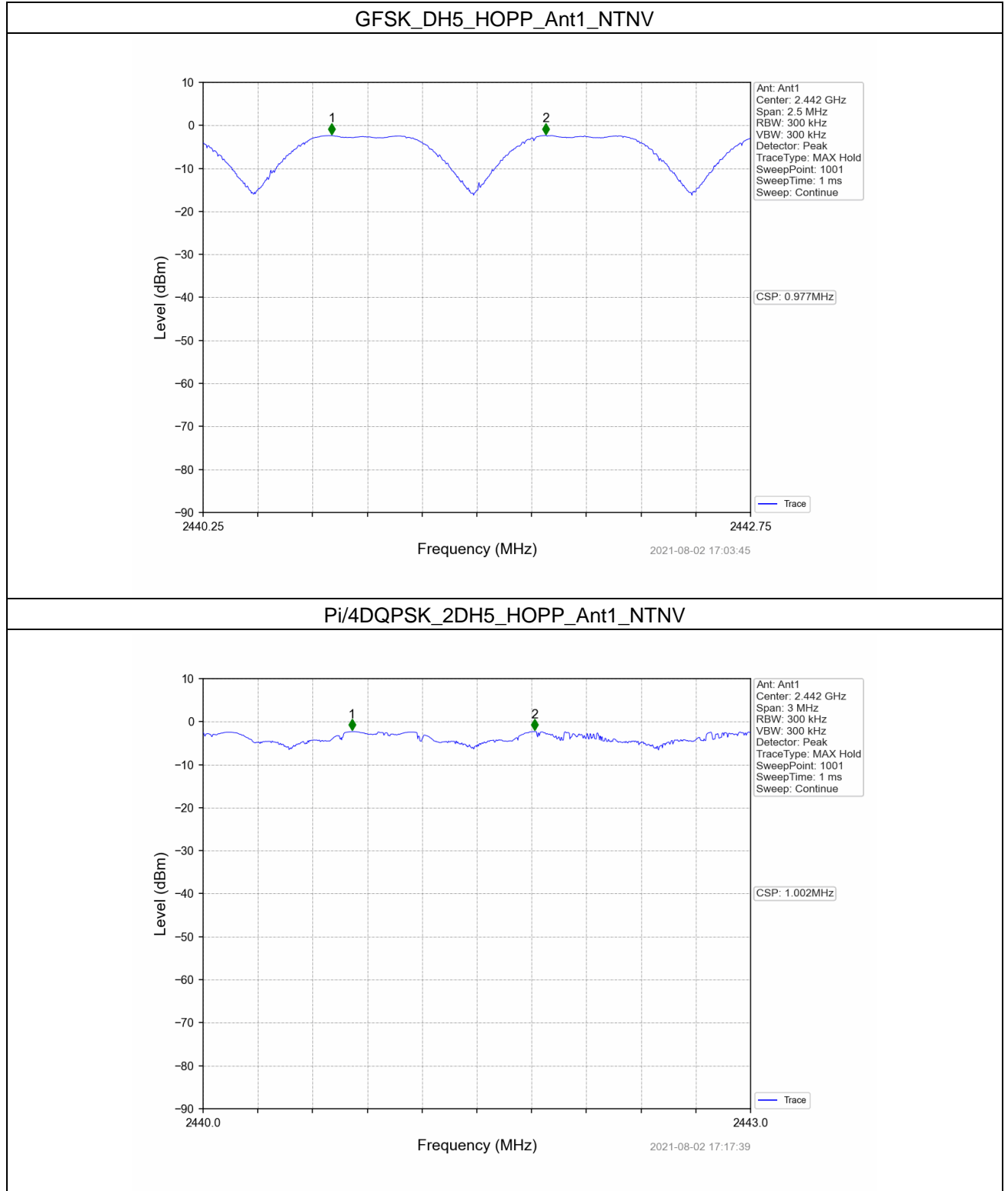
Ant1							
Mode	TX Type	Frequency (MHz)	Packet Type	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
GFSK	SISO	HOPP	DH5	0.977	0.954	≥ 0.954	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	1.002	1.313	≥ 0.875	Pass
8DPSK	SISO	HOPP	3DH5	1.023	1.306	≥ 0.871	Pass



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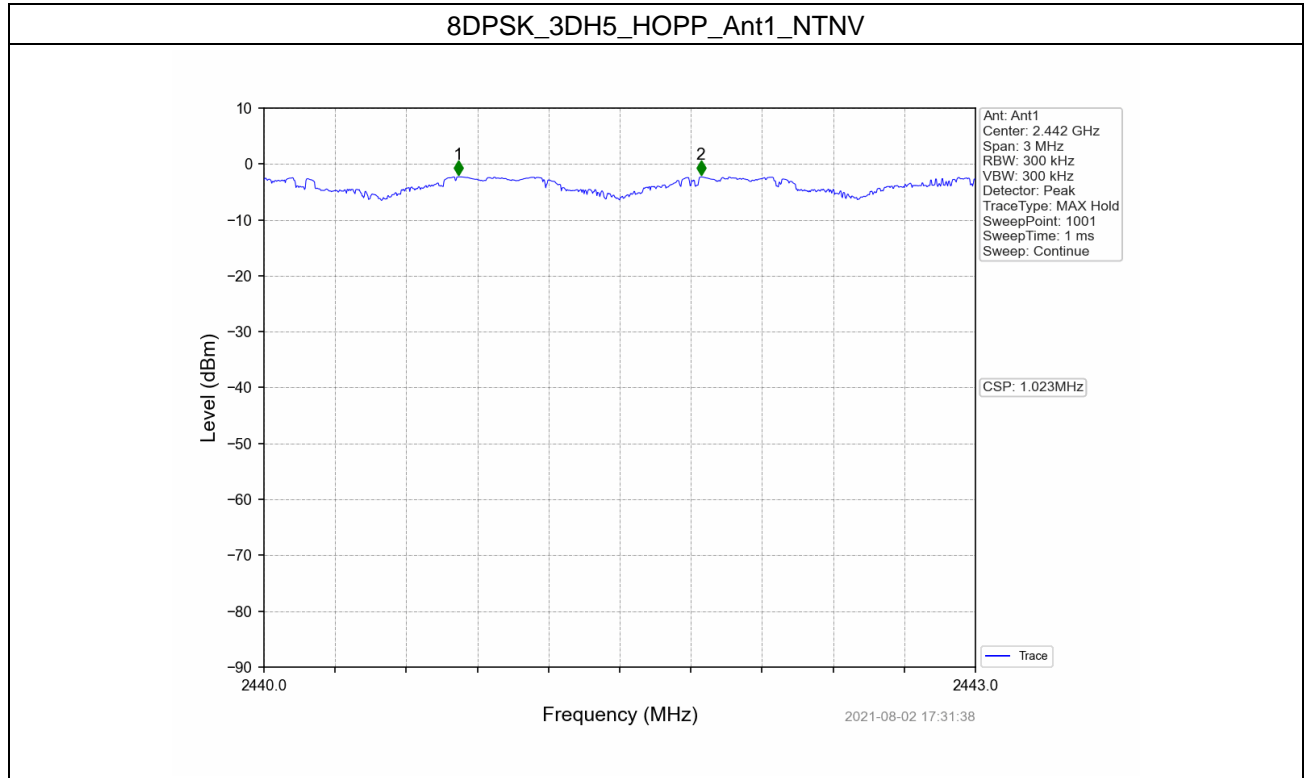
4.1.2 Test Graph



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5. Number of Hopping Frequencies

5.1 HoppNum

5.1.1 Test Result

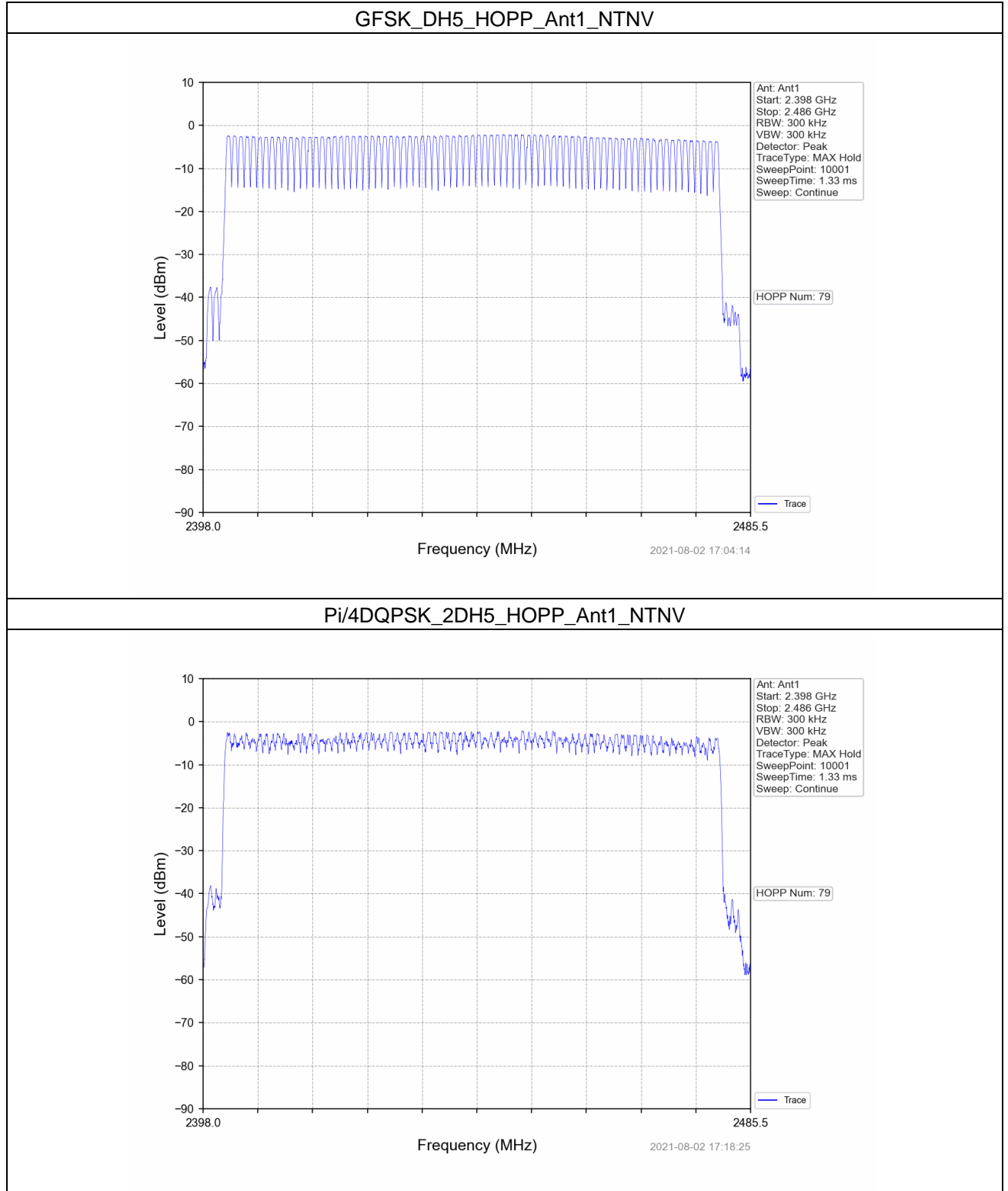
Mode	TX Type	Frequency (MHz)	Packet Type	Num of Hopping Frequencies		Verdict
				Ant1	Limit	
GFSK	SISO	HOPP	DH5	79	>=15	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	79	>=15	Pass
8DPSK	SISO	HOPP	3DH5	79	>=15	Pass



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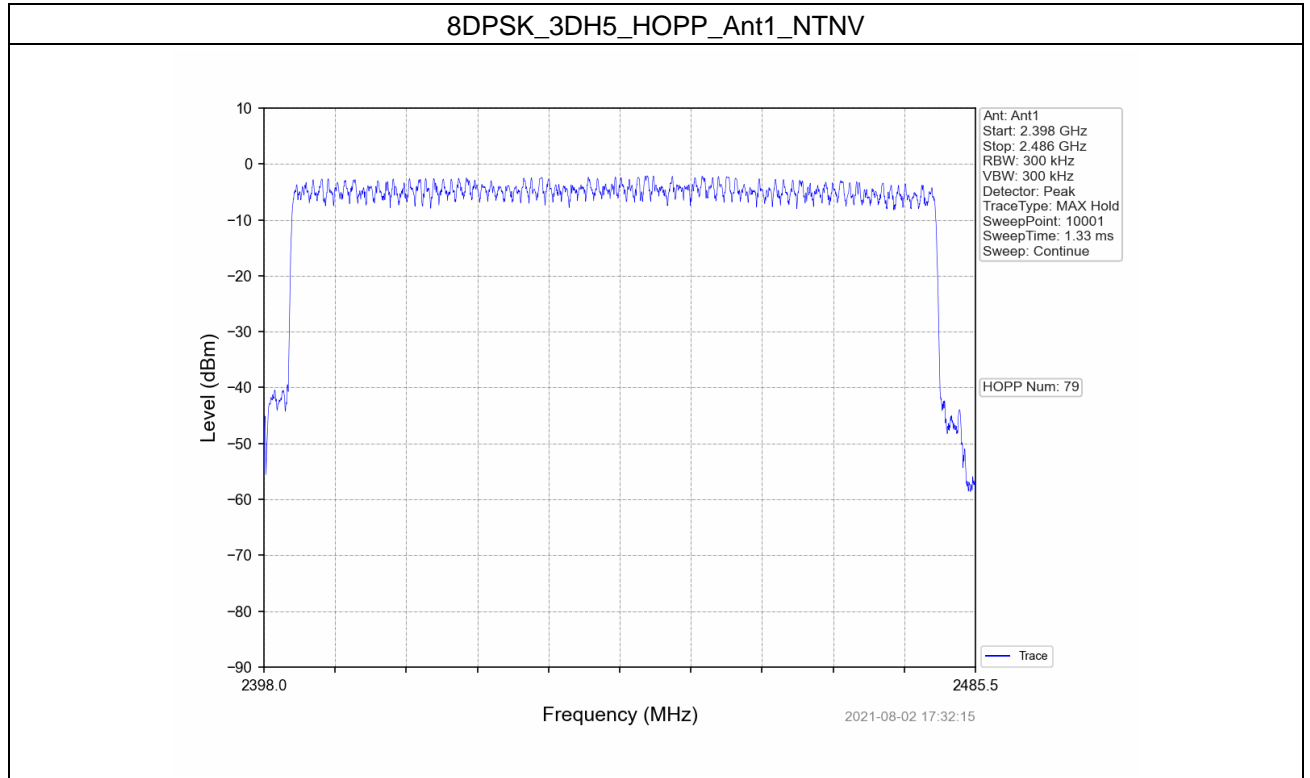
5.1.2 Test Graph



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6. Time of Occupancy (Dwell Time)

6.1 Ant1

6.1.1 Test Result

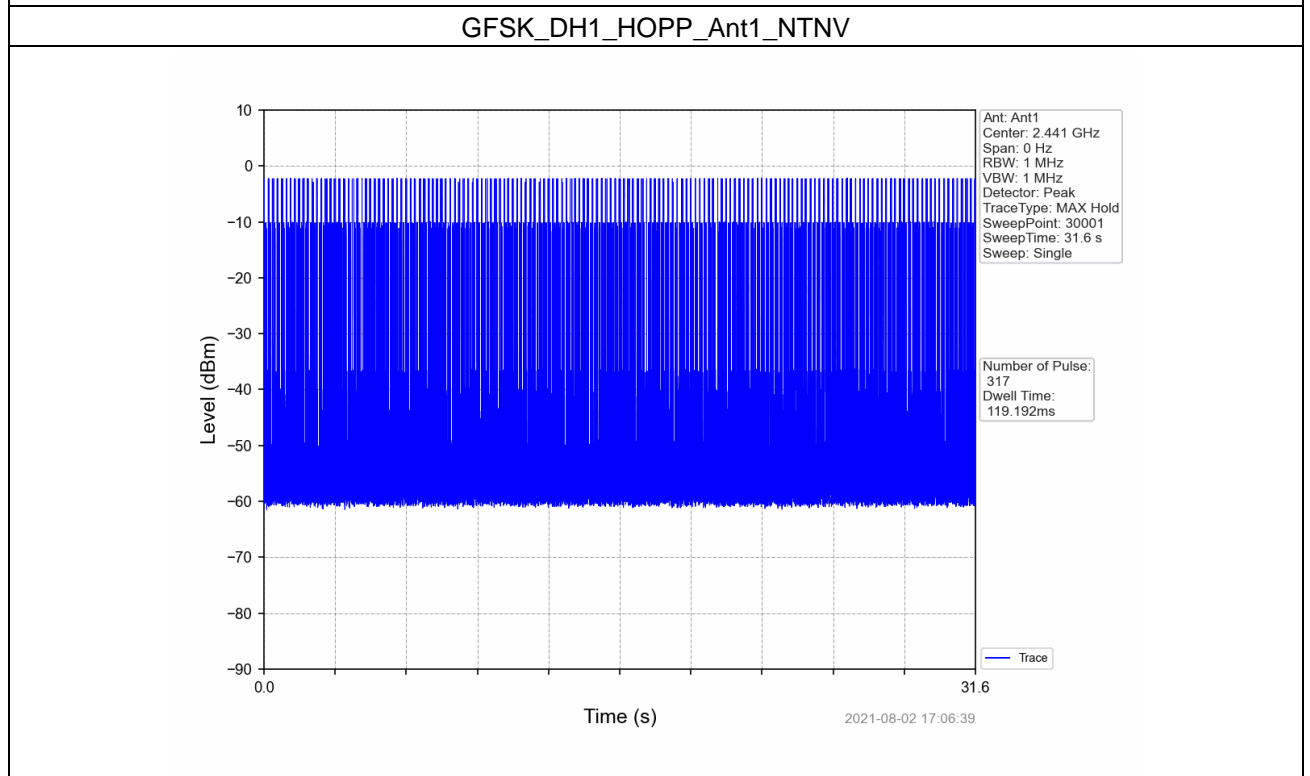
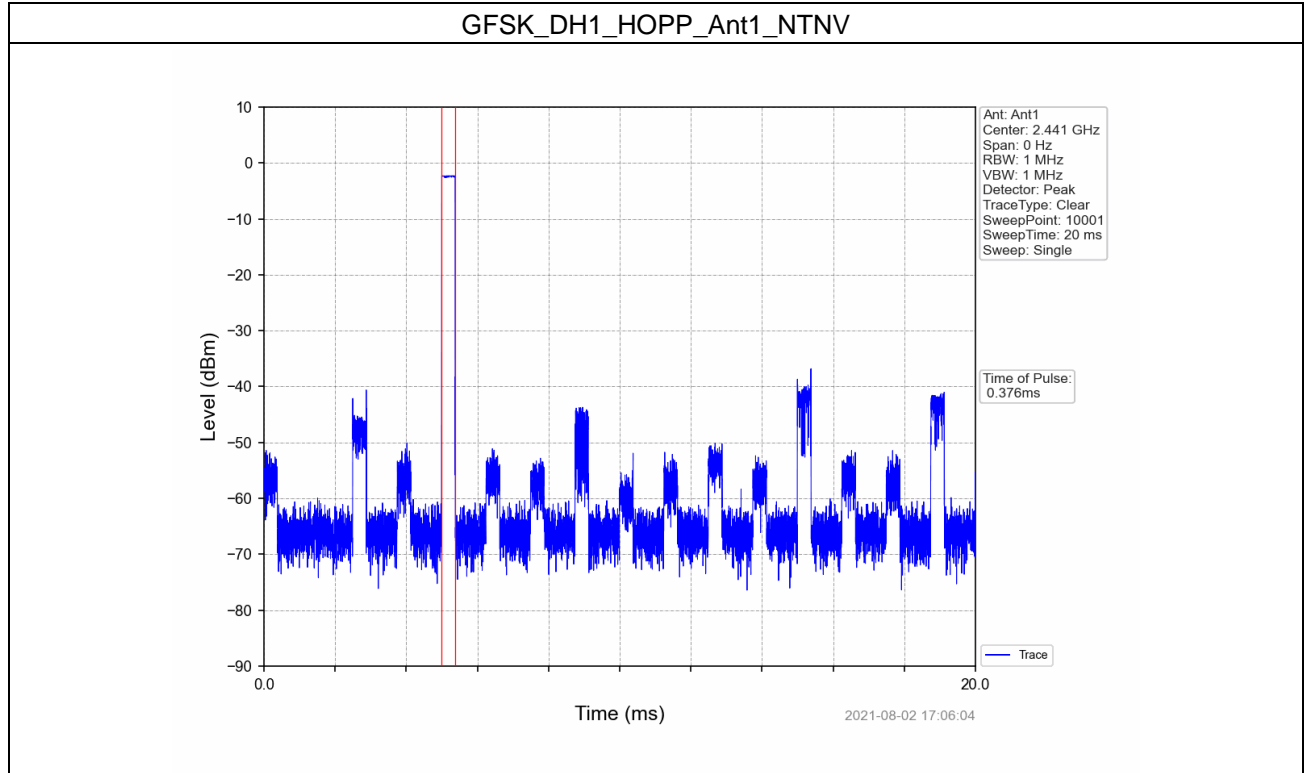
Ant1									
Mode	TX Type	Frequency (MHz)	Packet Type	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limit (ms)	Verdict
GFSK	SISO	HOPP	DH1	0.376	31.600	317	119.192	<=400	Pass
			DH3	1.632	31.600	151	246.432	<=400	Pass
			DH5	2.882	31.600	113	325.666	<=400	Pass
Pi/4DQPSK	SISO	HOPP	2DH1	0.388	31.600	319	123.772	<=400	Pass
			2DH3	1.640	31.600	165	270.600	<=400	Pass
			2DH5	2.888	31.600	124	358.112	<=400	Pass
8DPSK	SISO	HOPP	3DH1	0.388	31.600	318	123.384	<=400	Pass
			3DH3	1.638	31.600	162	265.356	<=400	Pass
			3DH5	2.890	31.600	104	300.560	<=400	Pass



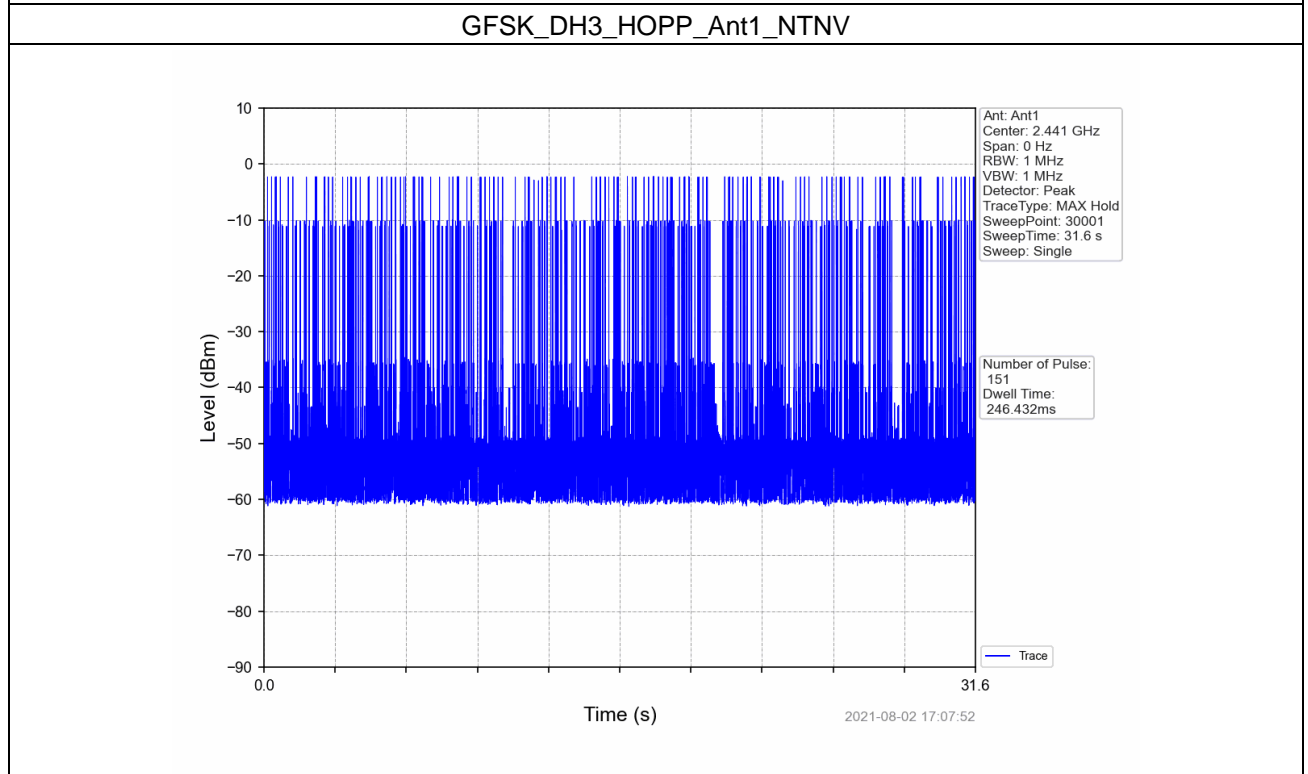
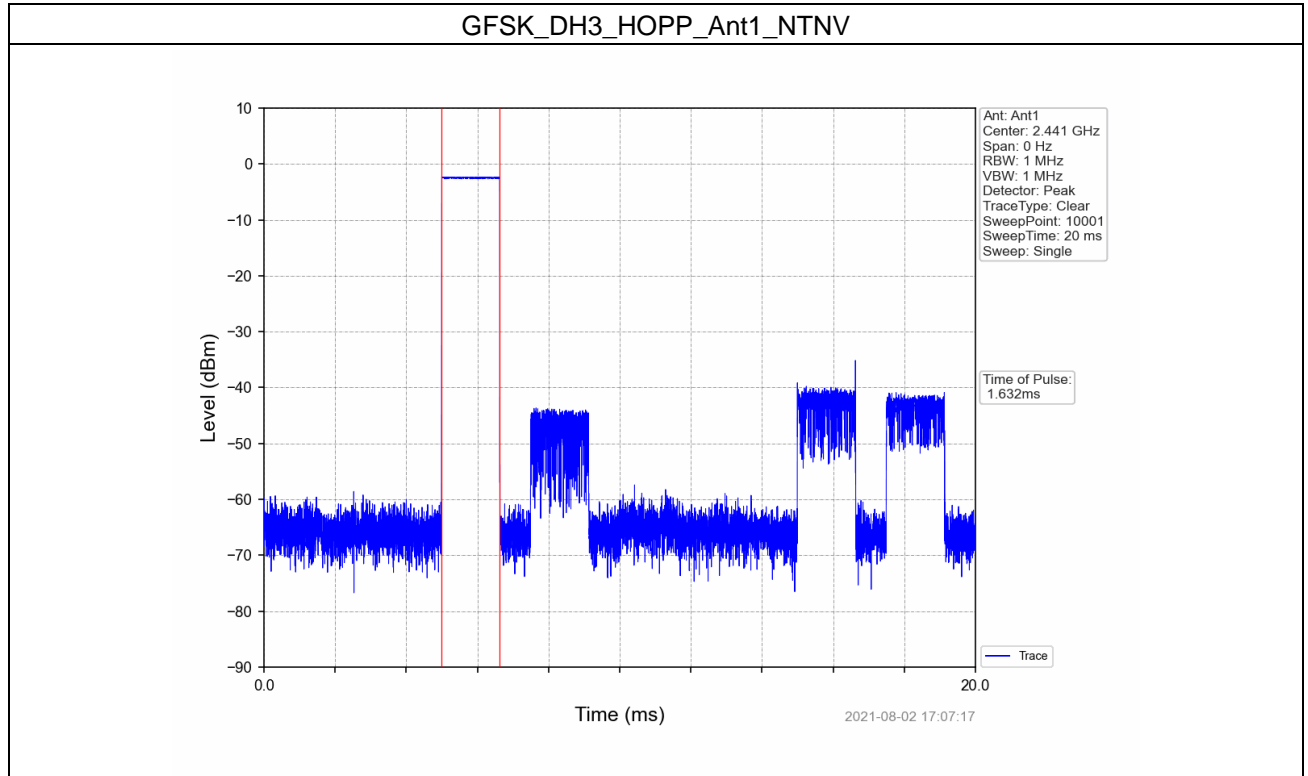
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6.1.2 Test Graph

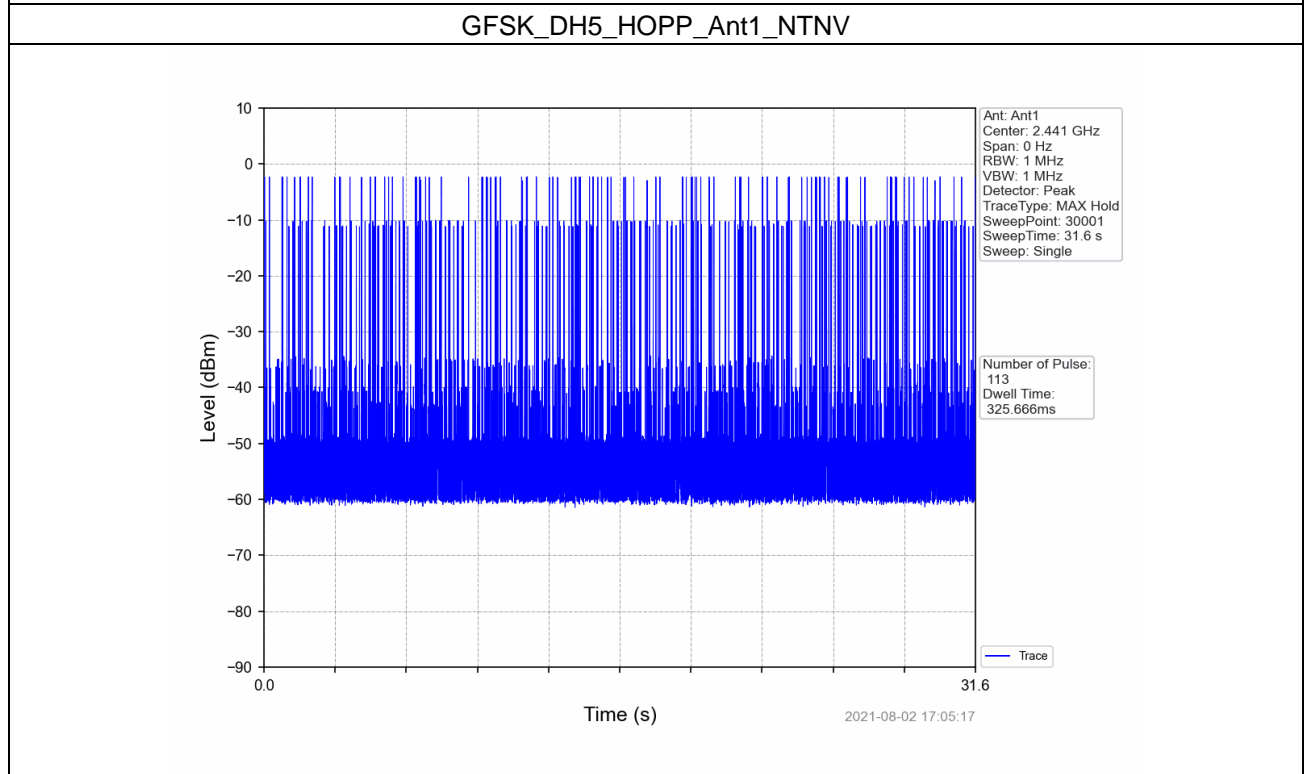
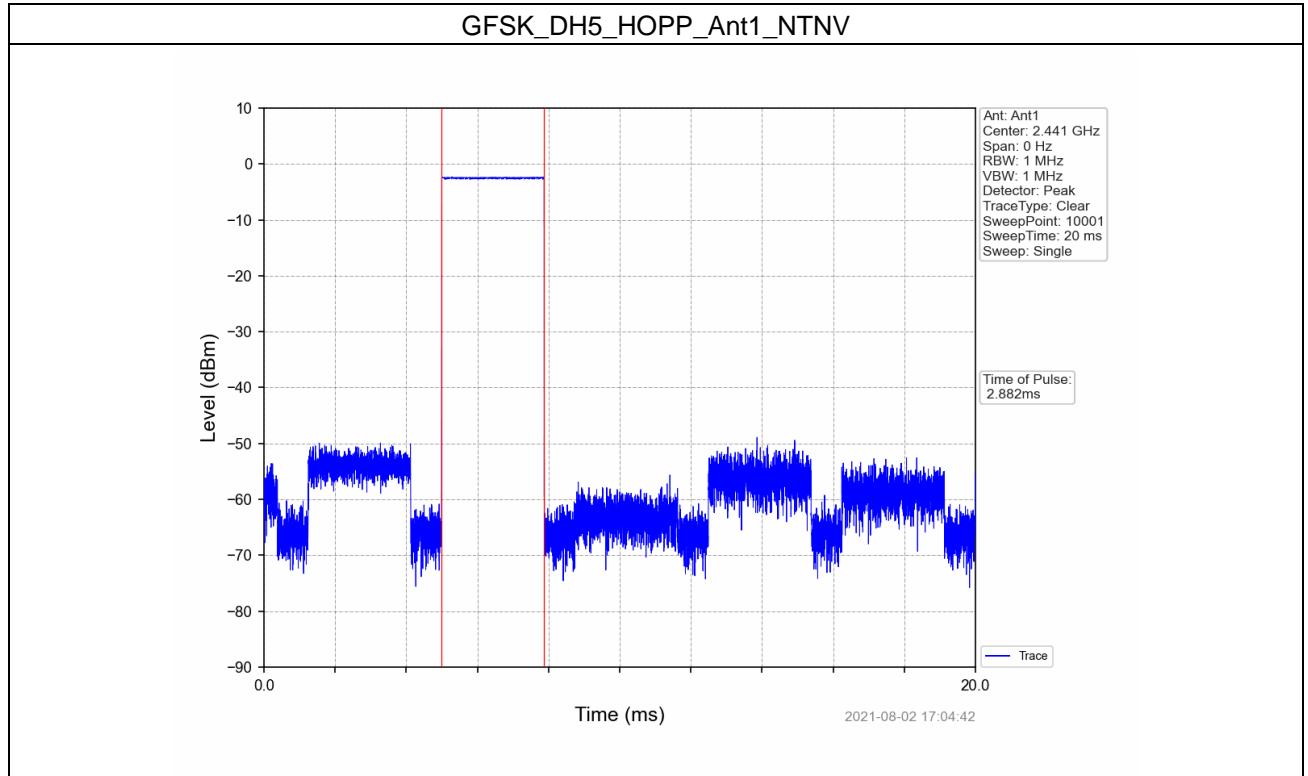


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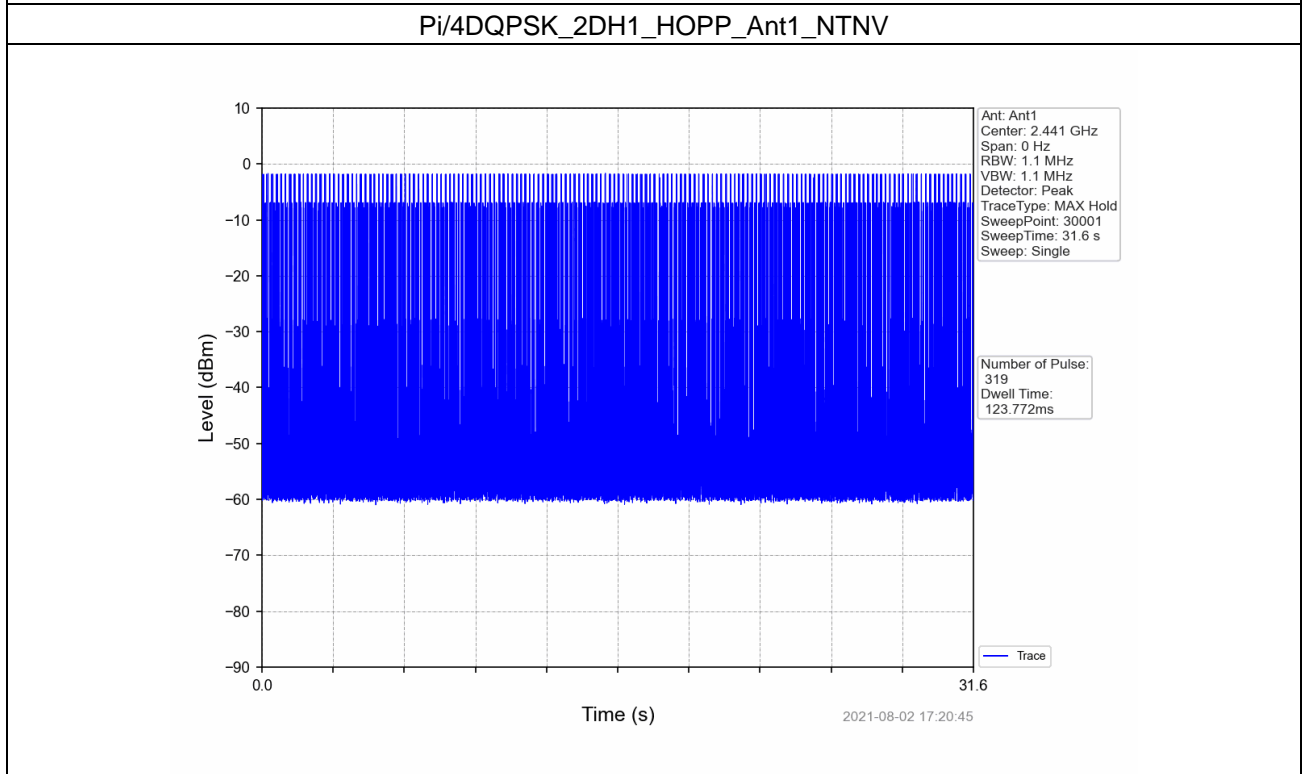
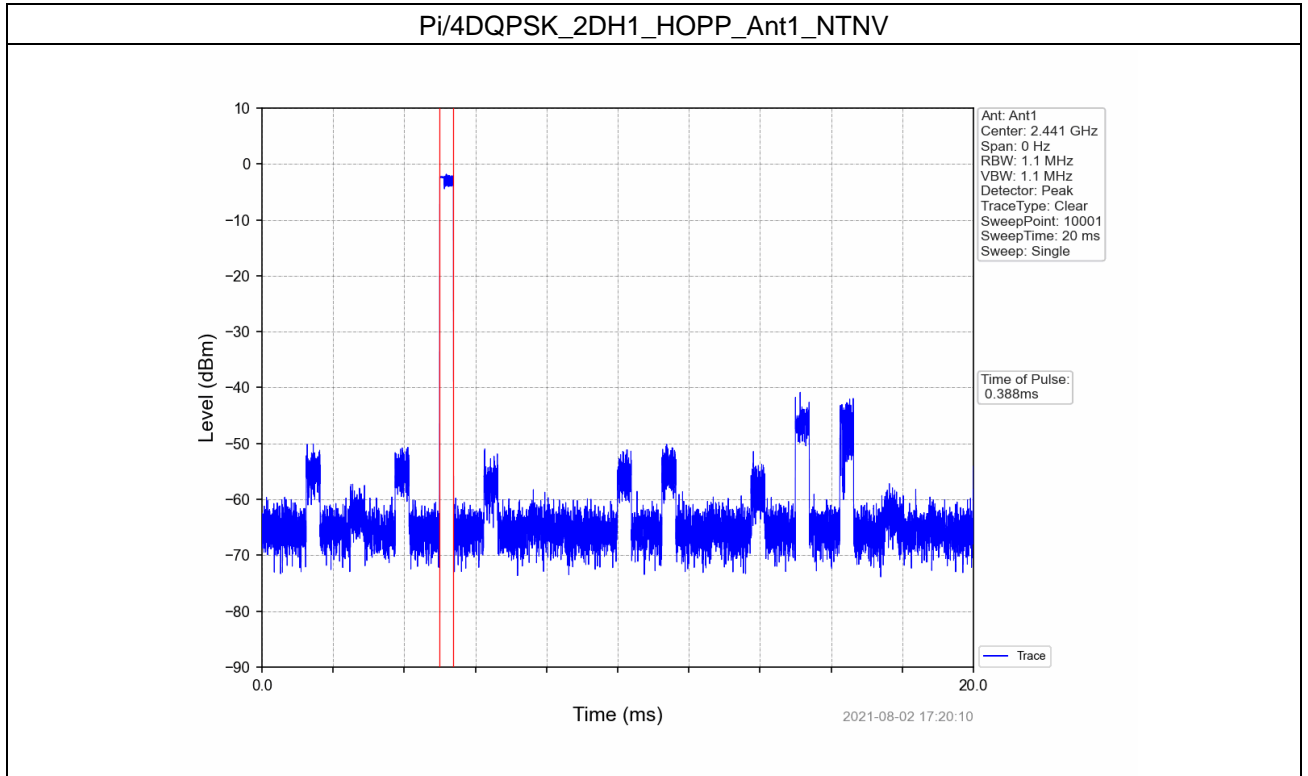
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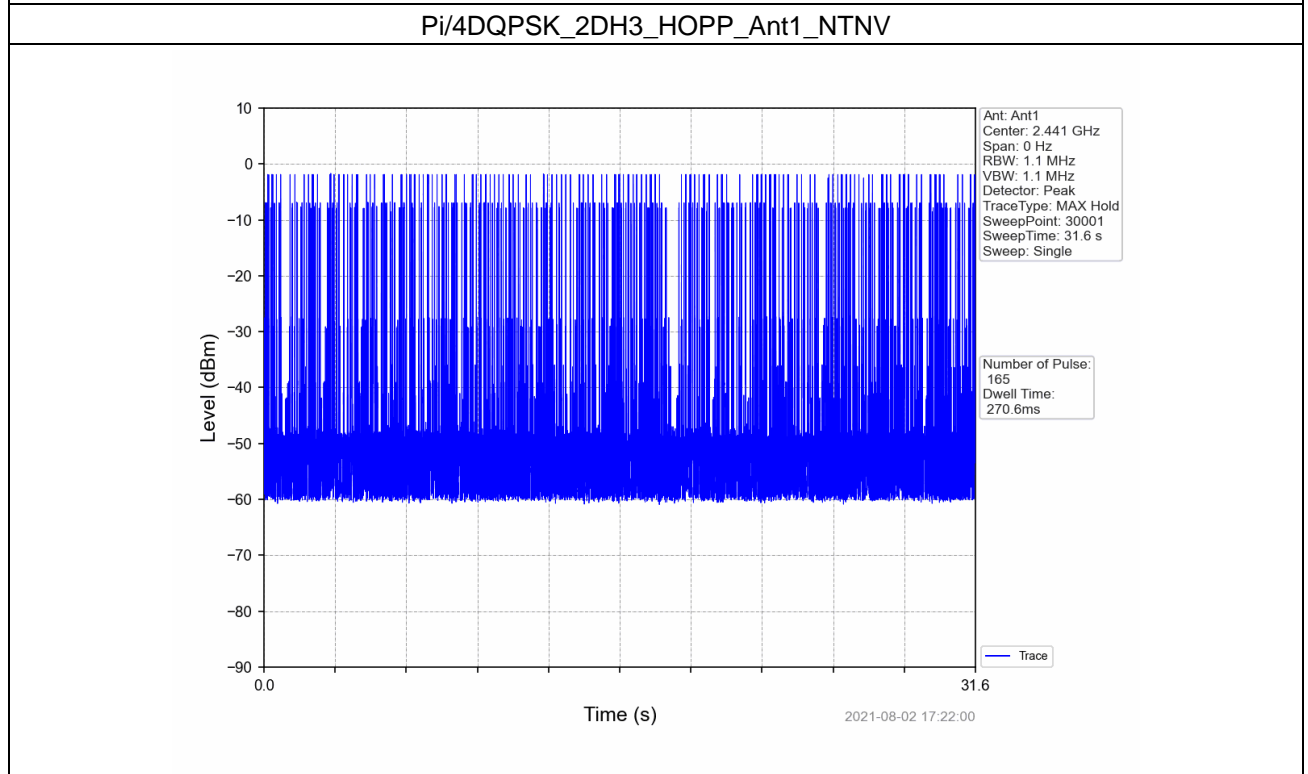
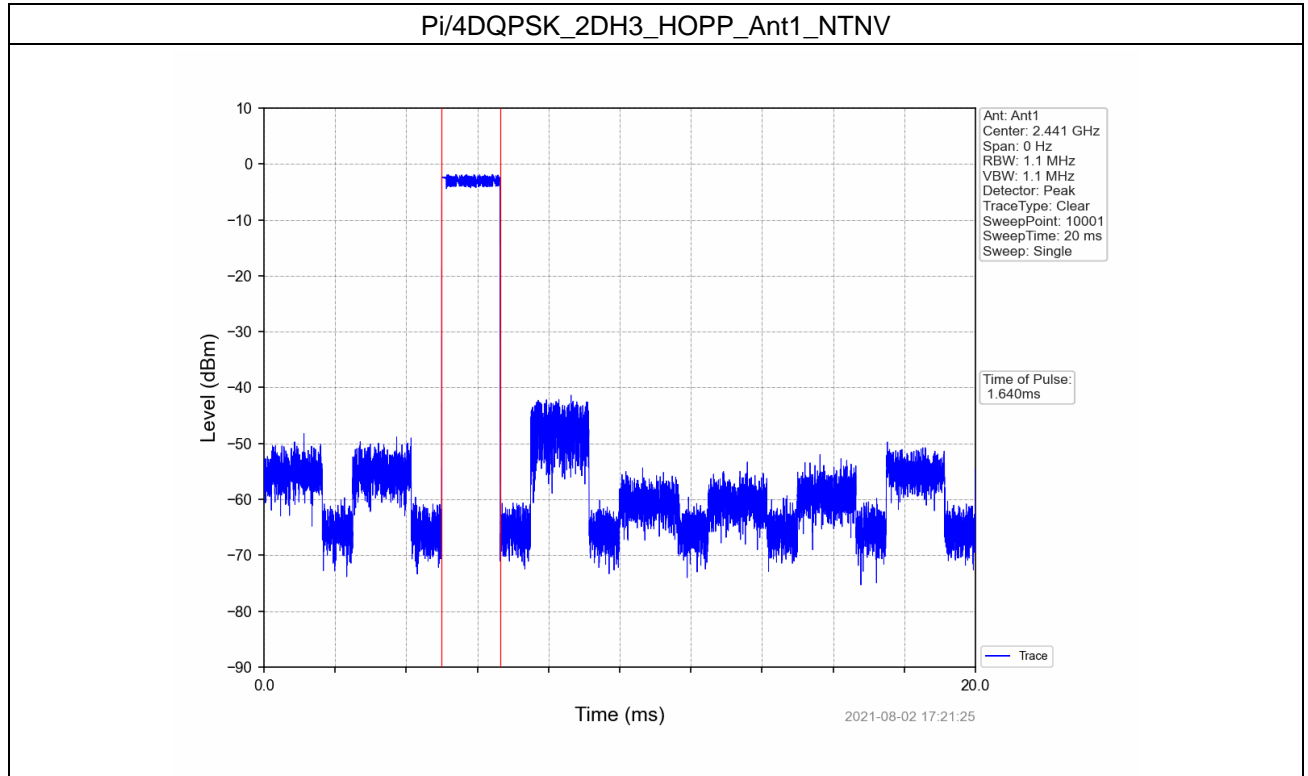
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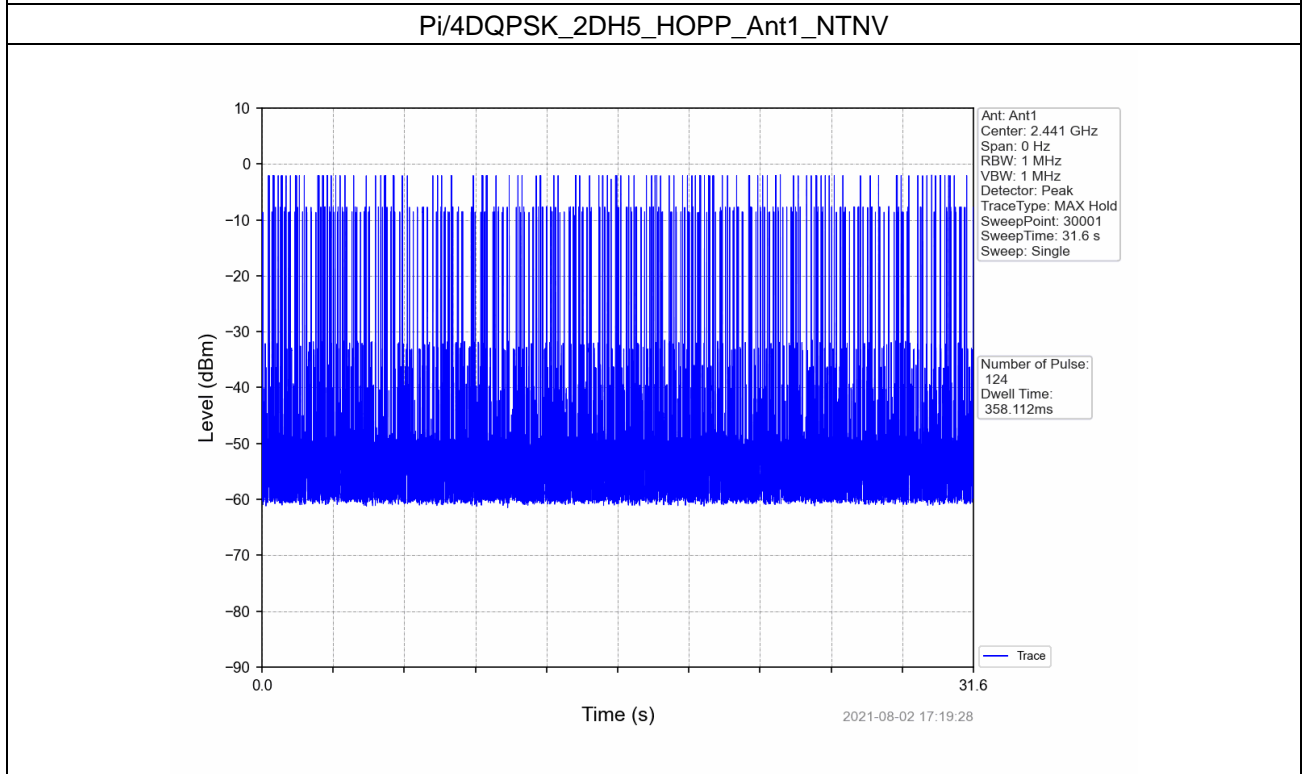
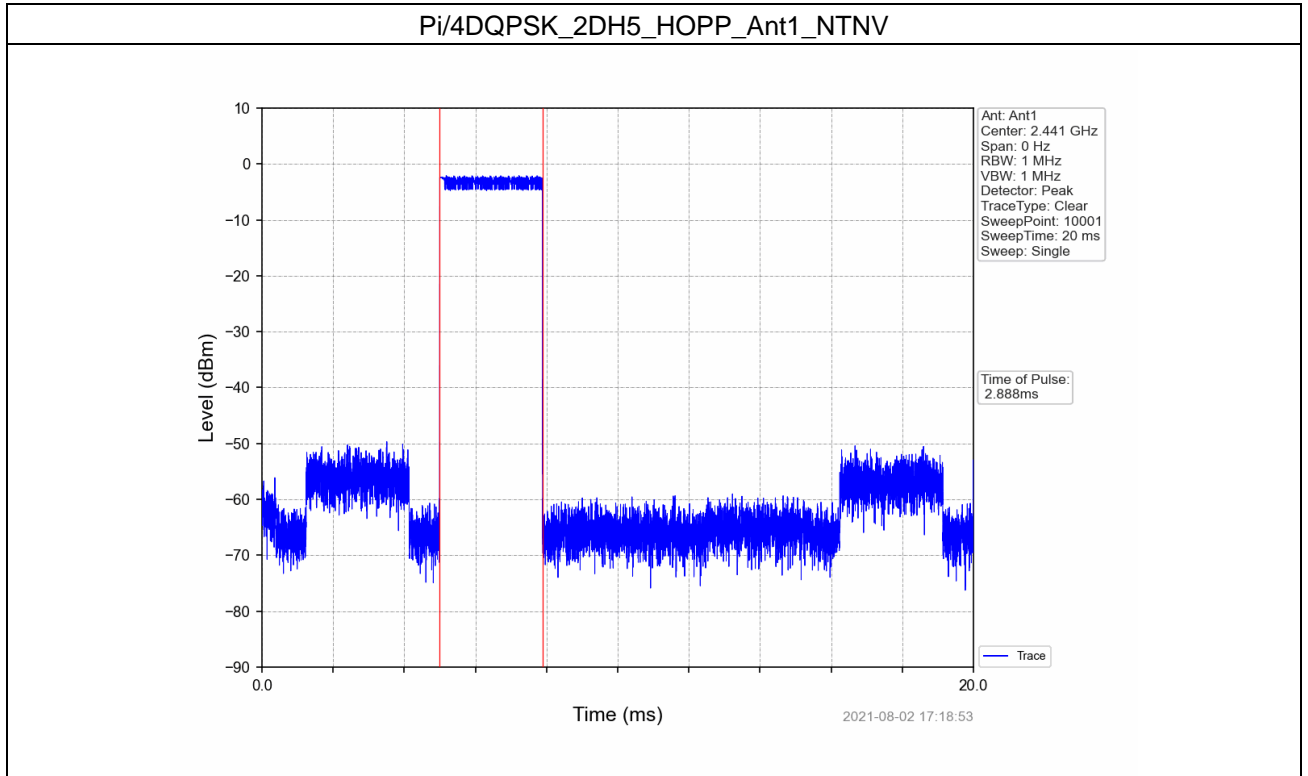
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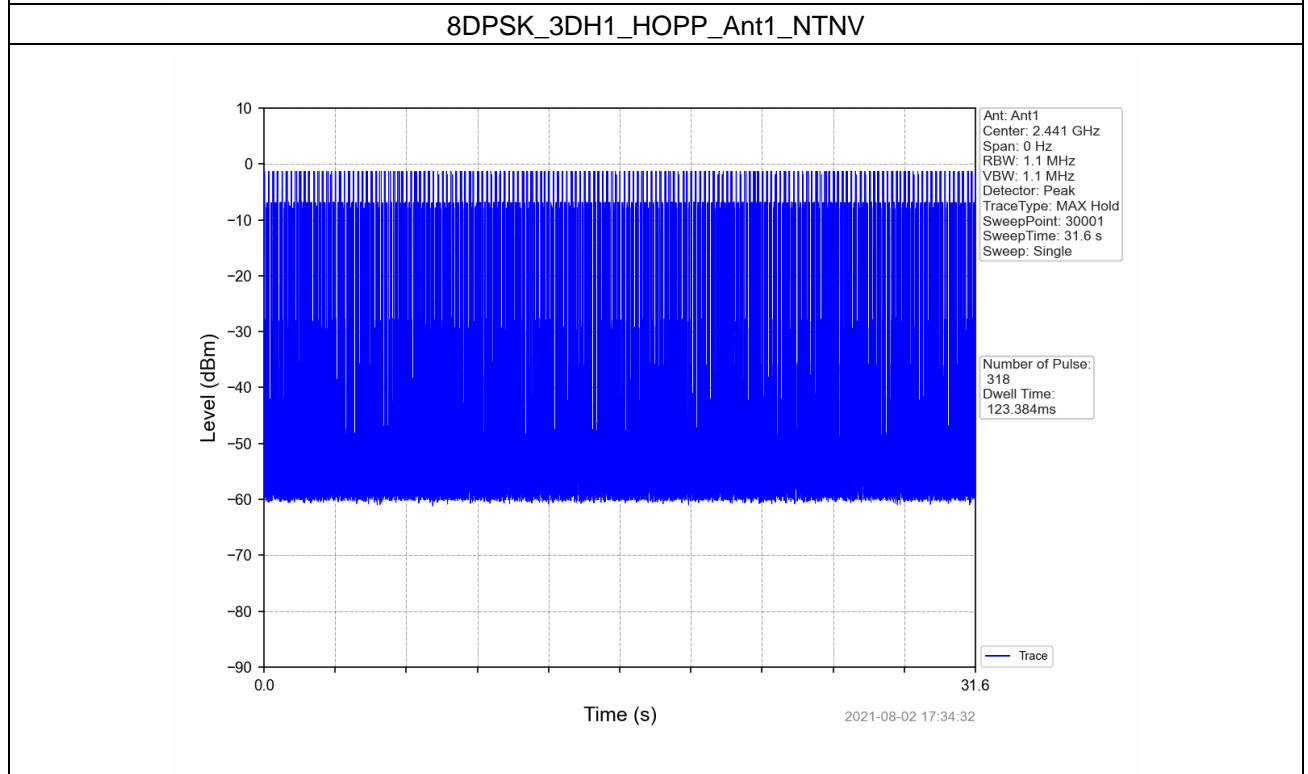
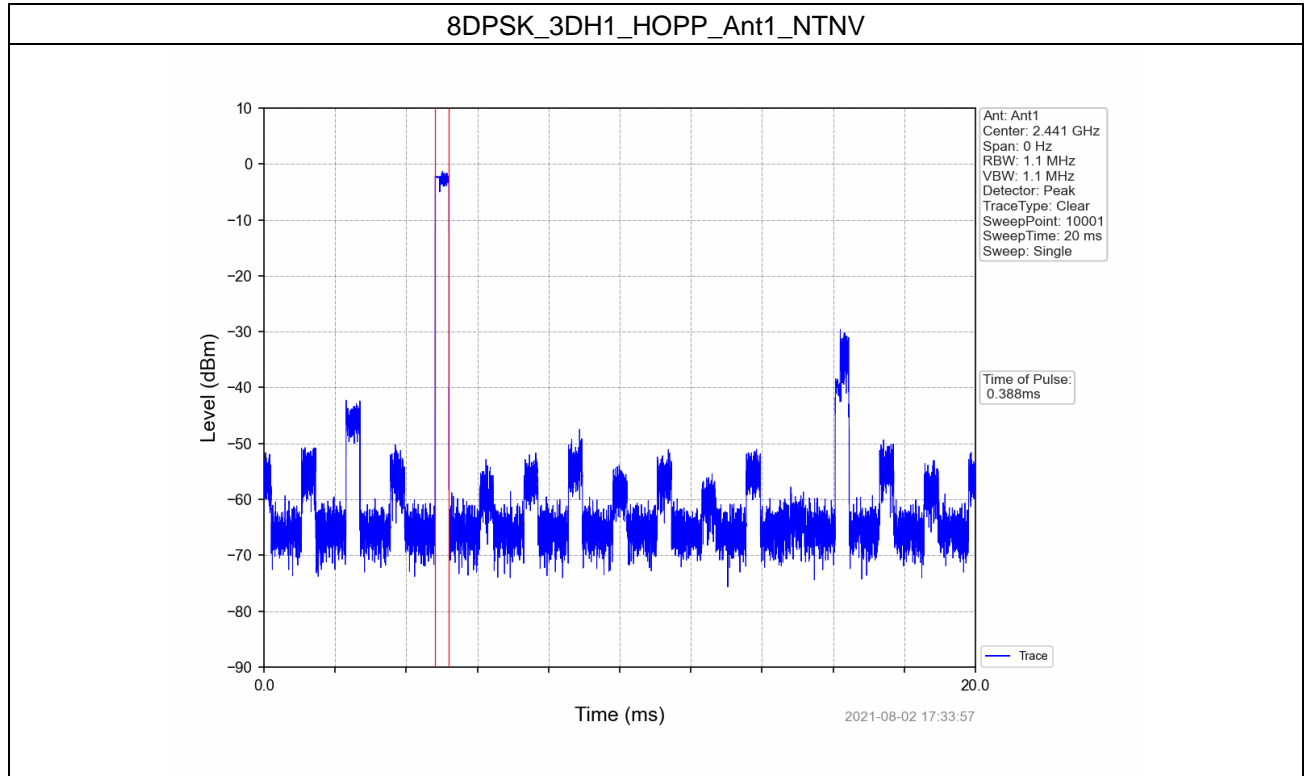
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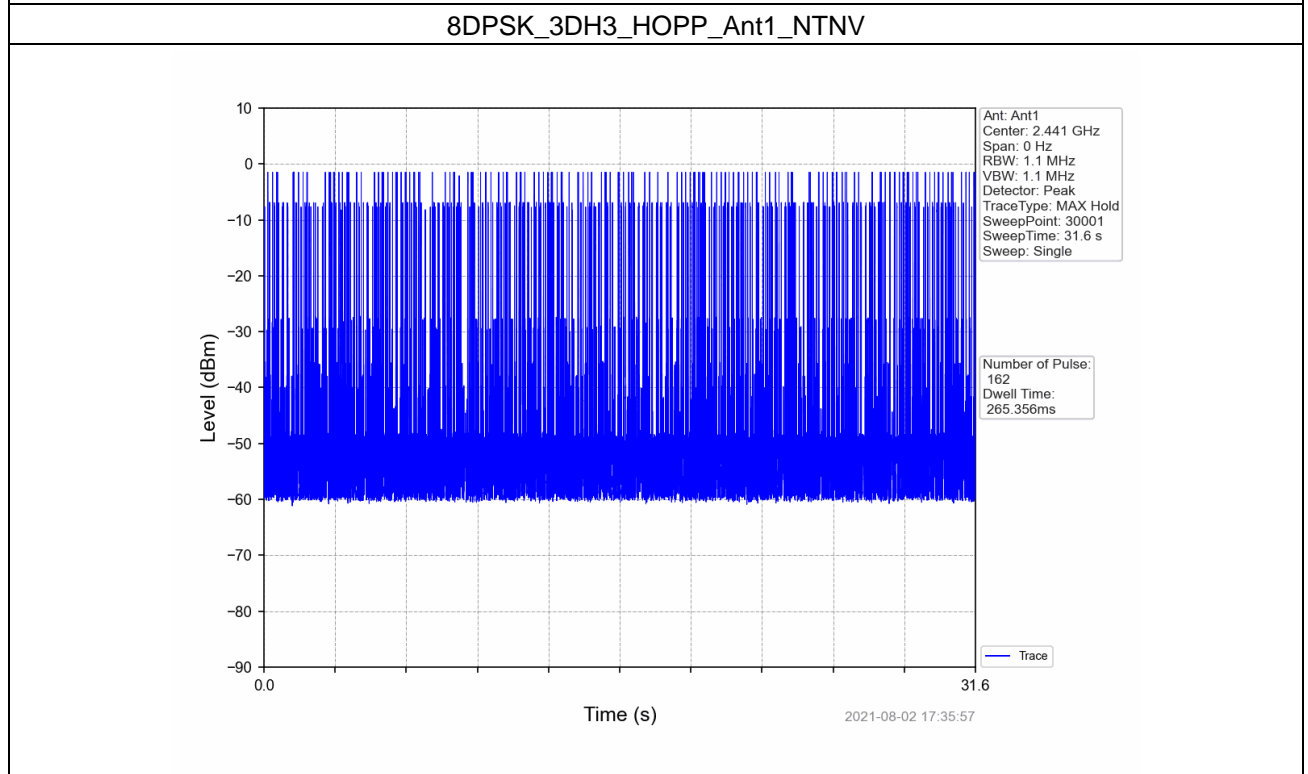
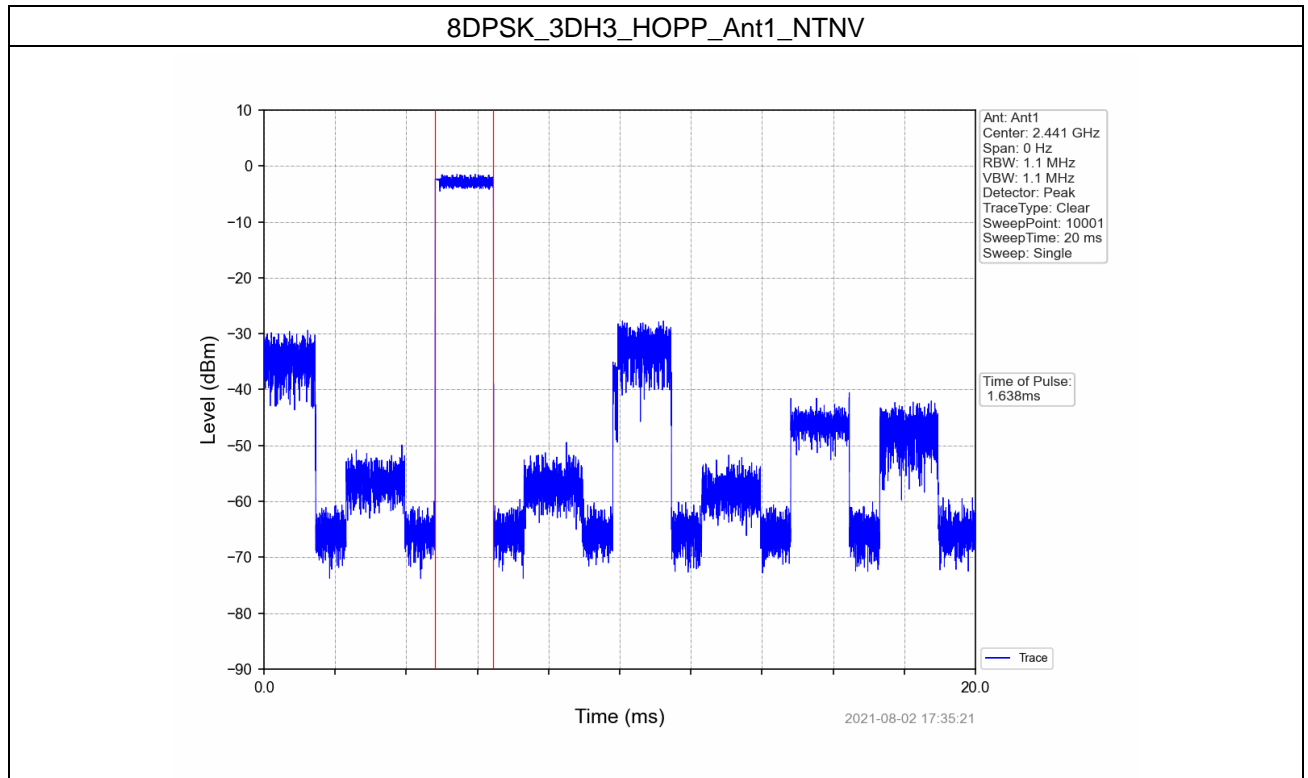
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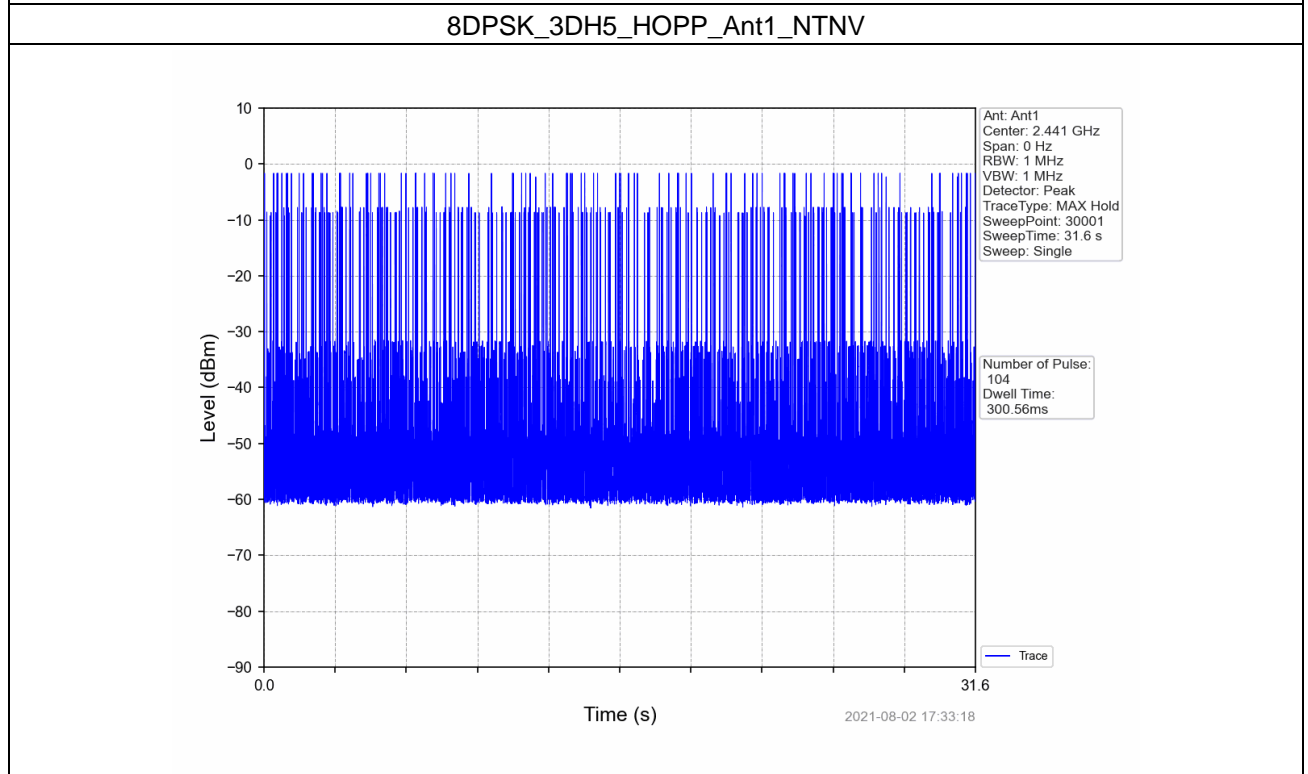
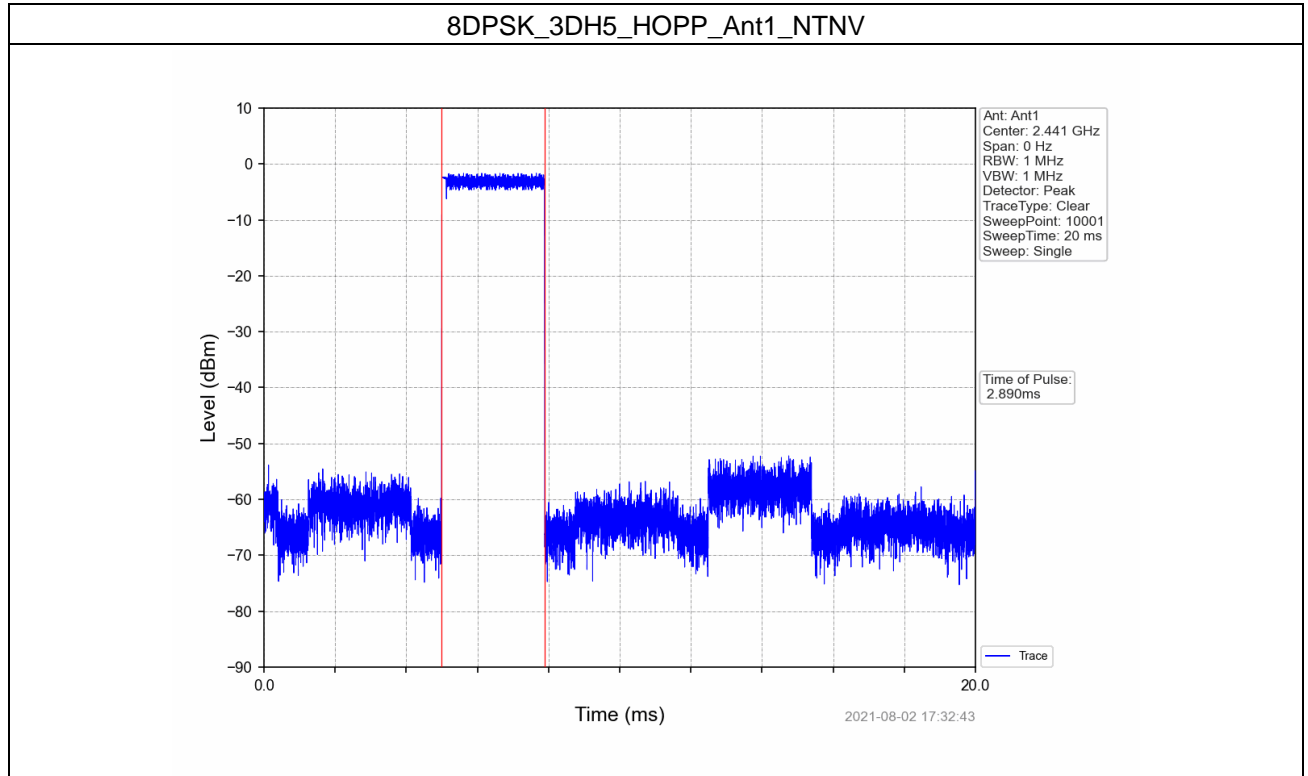
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