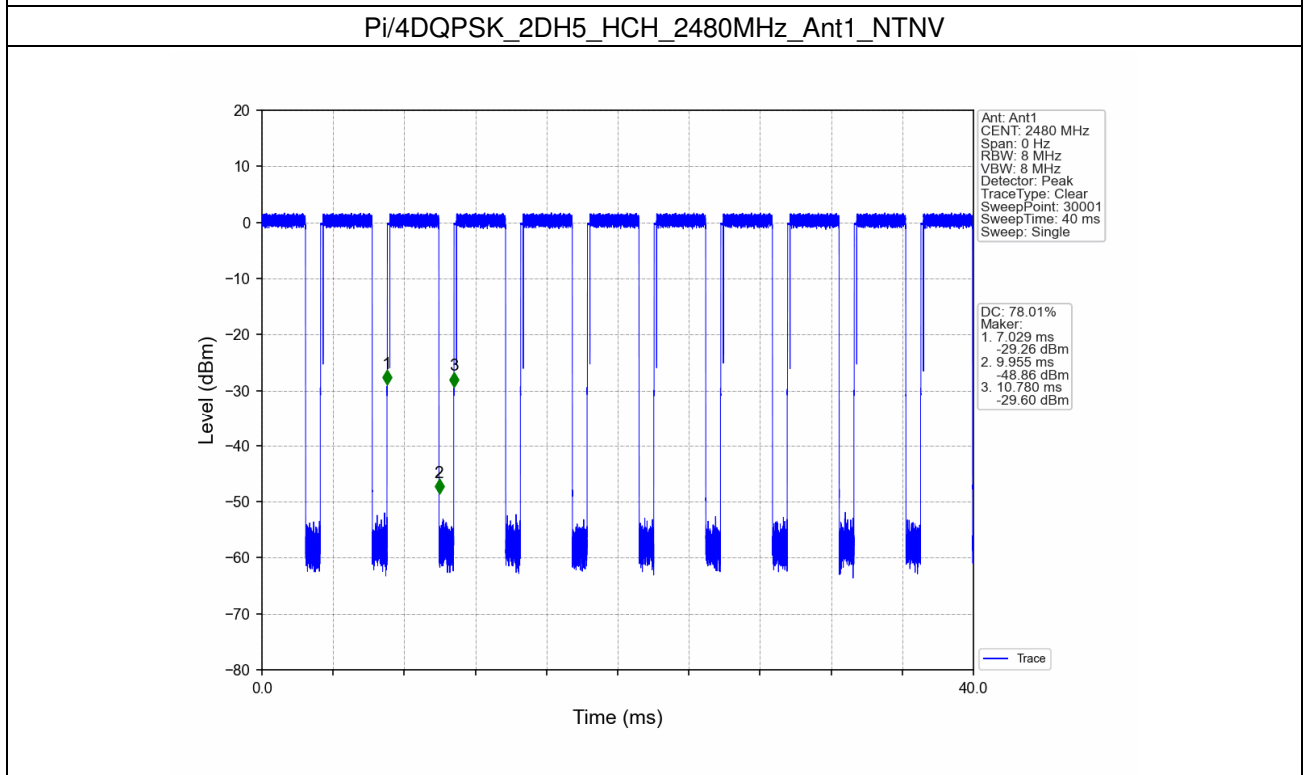
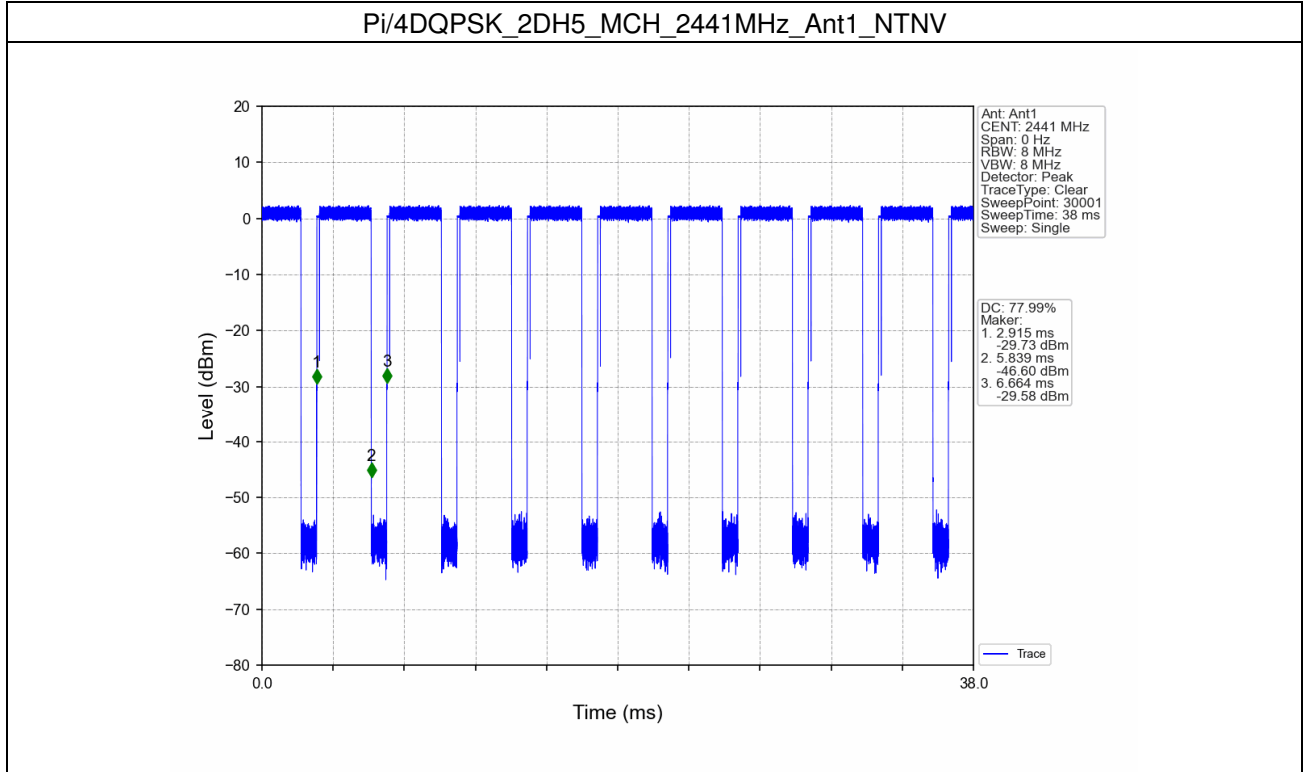
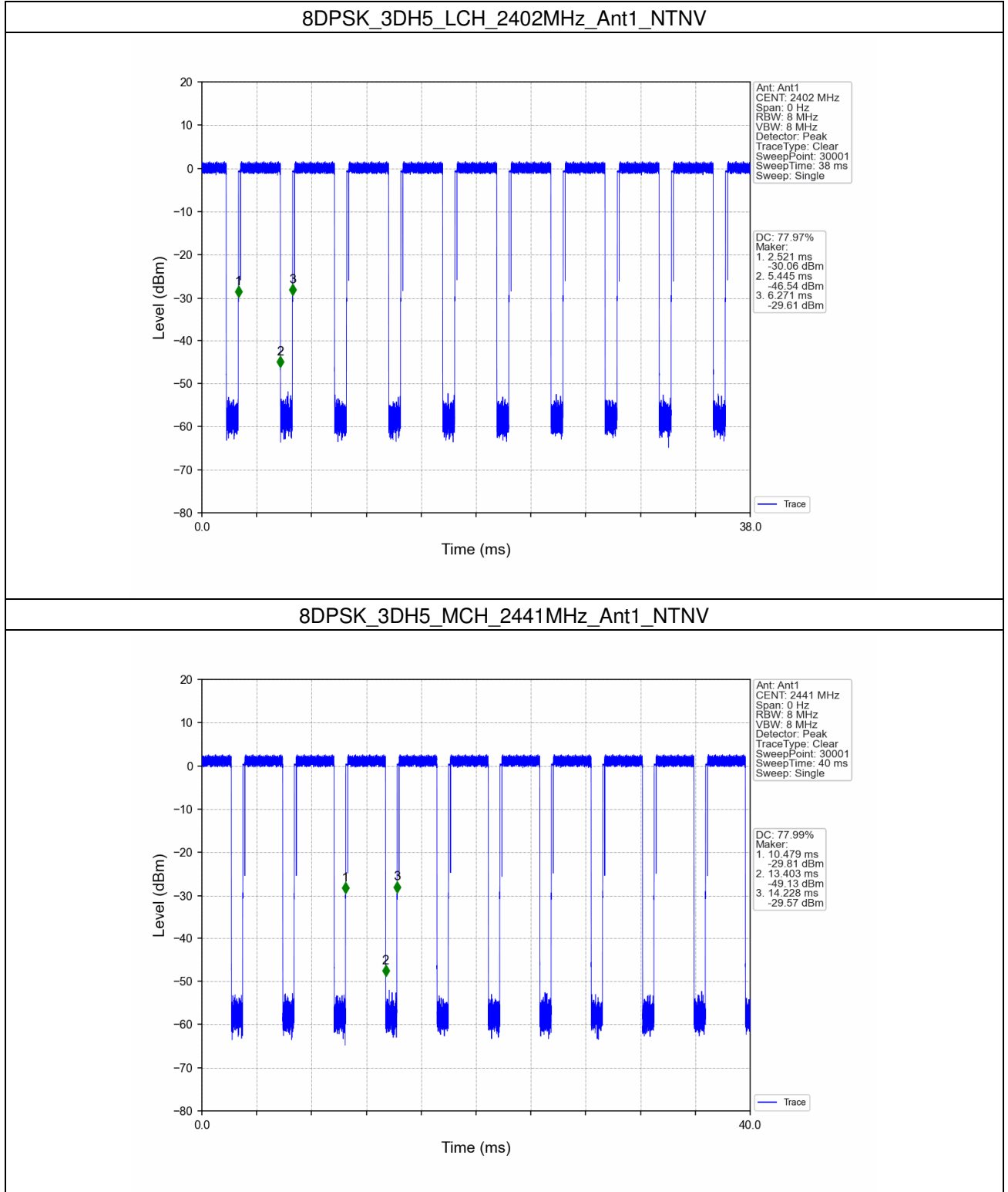


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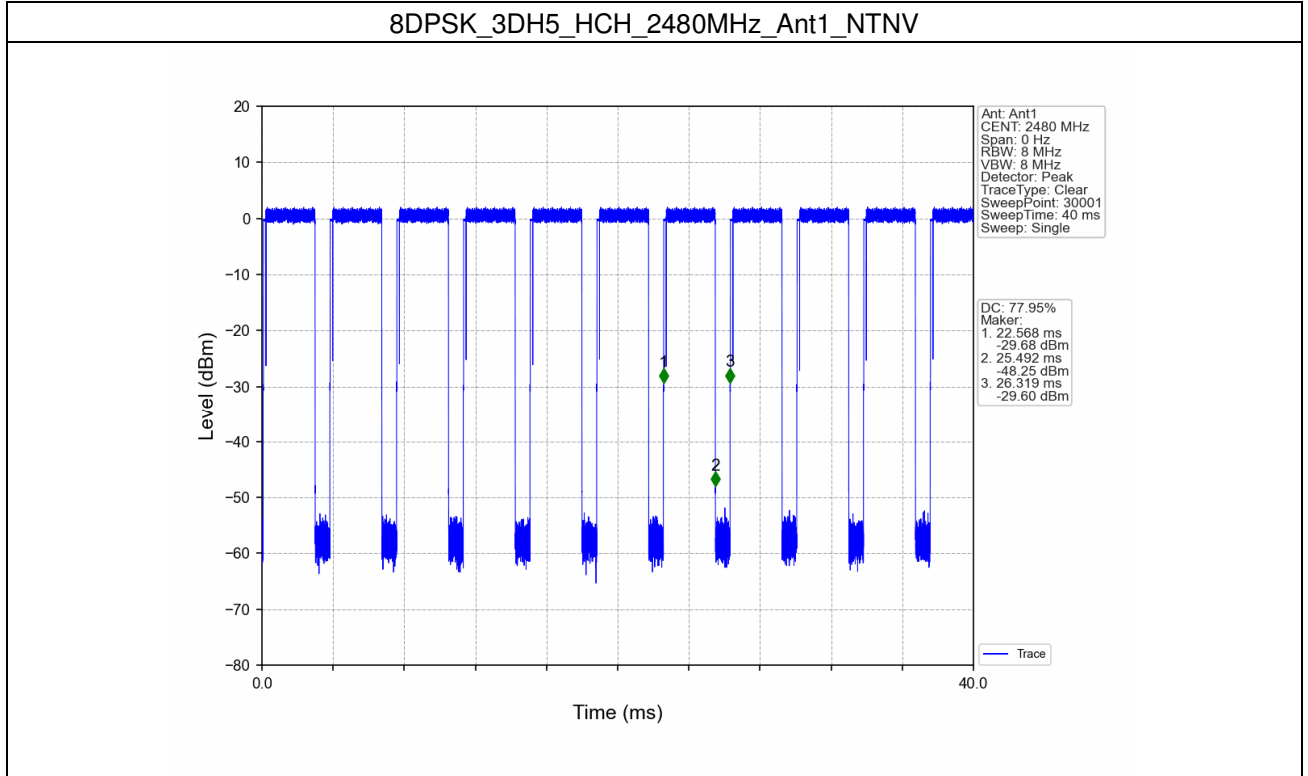


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2. Bandwidth

2.1 OBW

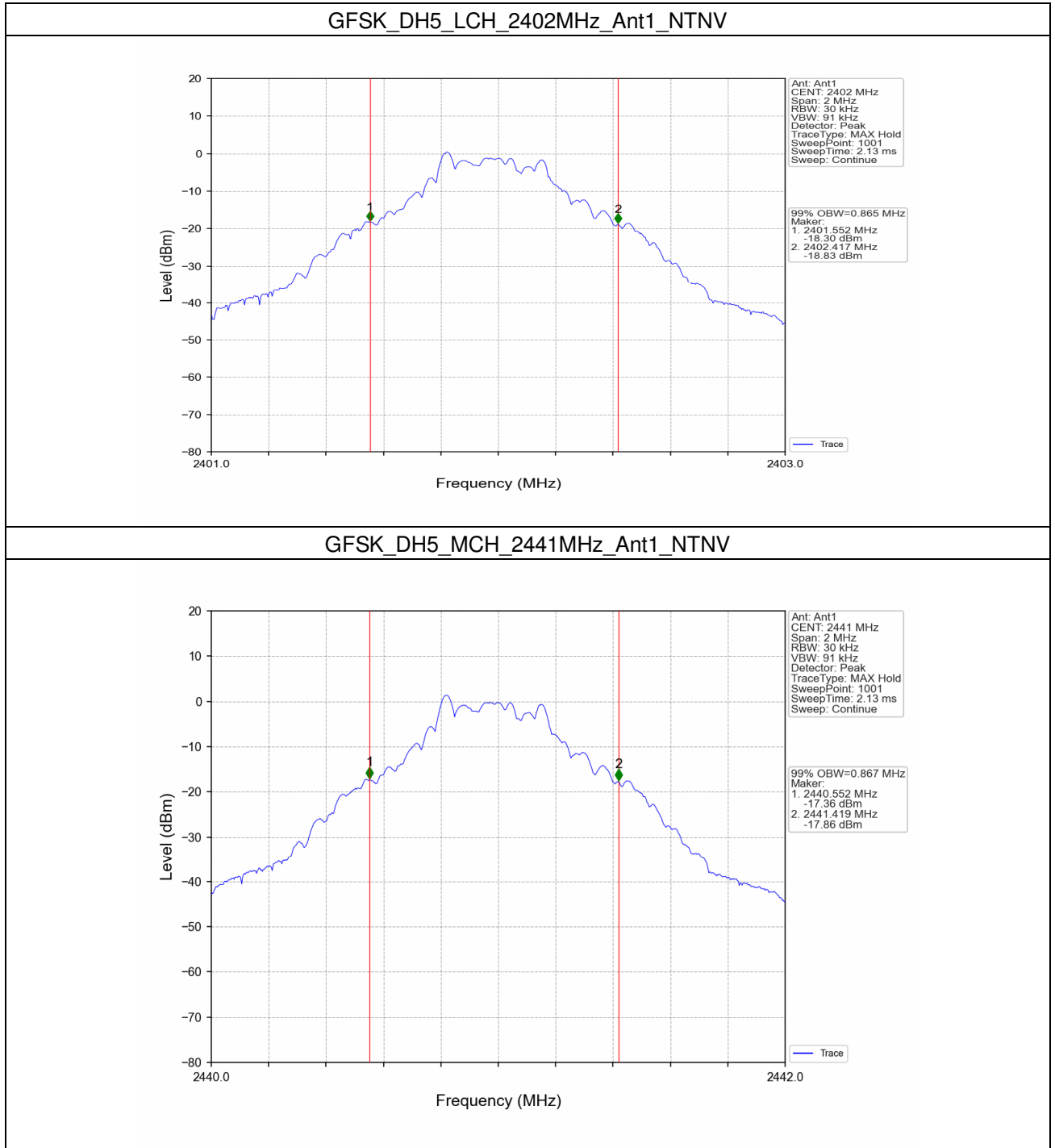
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	99% Occupied Bandwidth (MHz)	Verdict
					Result	
GFSK	SISO	2402	DH5	1	0.865	Pass
		2441	DH5	1	0.867	Pass
		2480	DH5	1	0.868	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.172	Pass
		2441	2DH5	1	1.172	Pass
		2480	2DH5	1	1.172	Pass
8DPSK	SISO	2402	3DH5	1	1.184	Pass
		2441	3DH5	1	1.183	Pass
		2480	3DH5	1	1.184	Pass

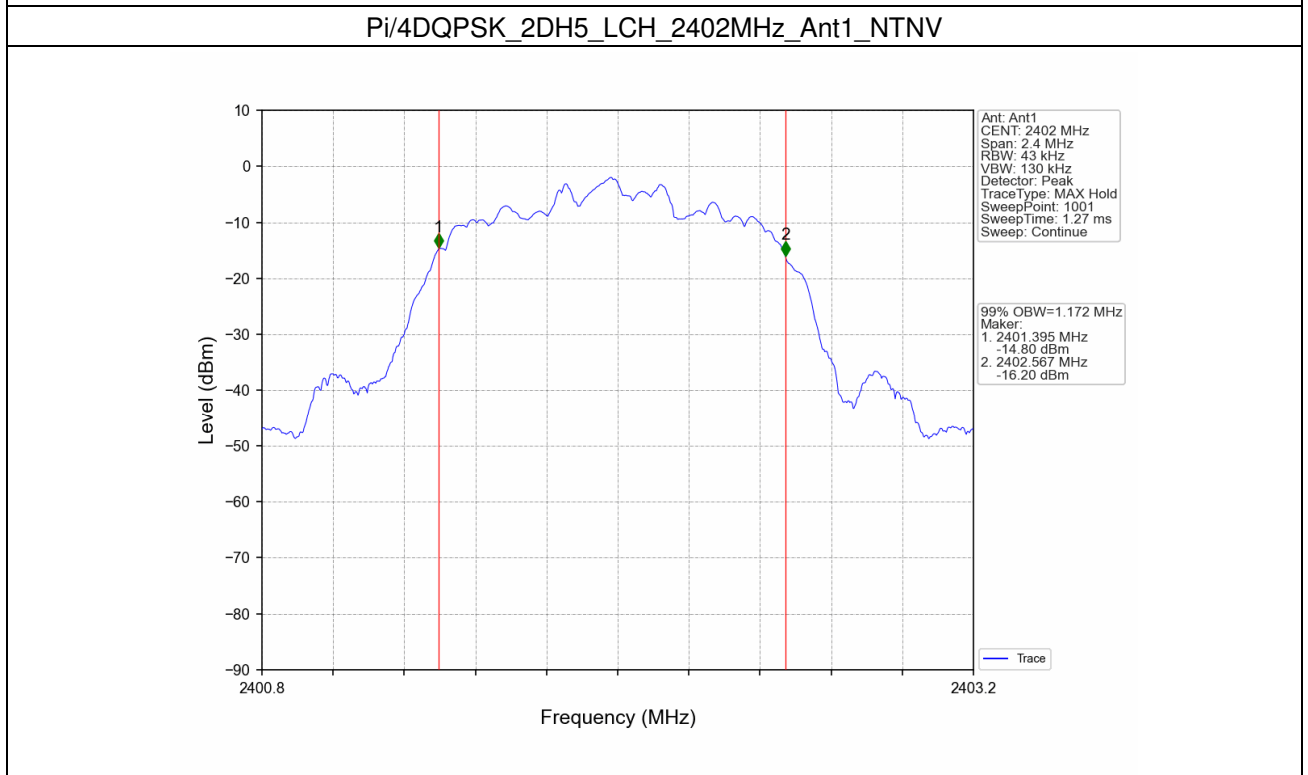
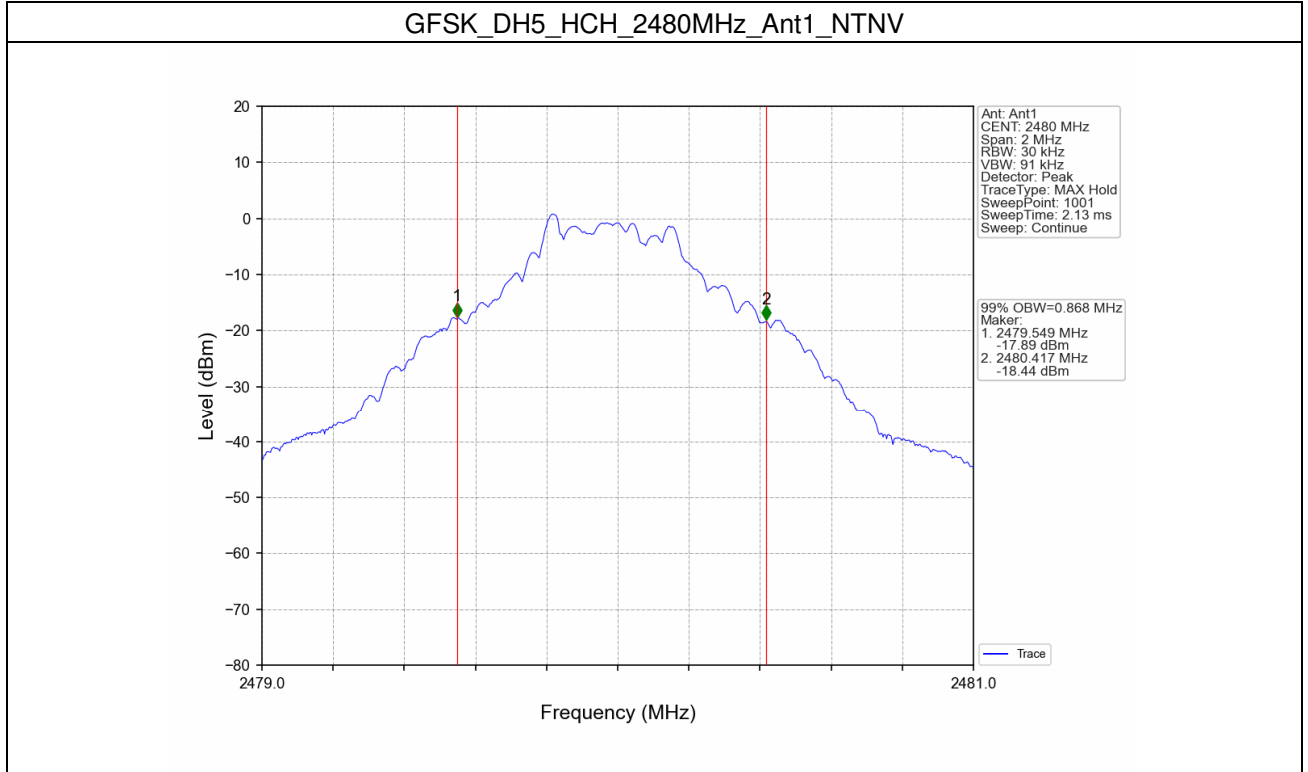


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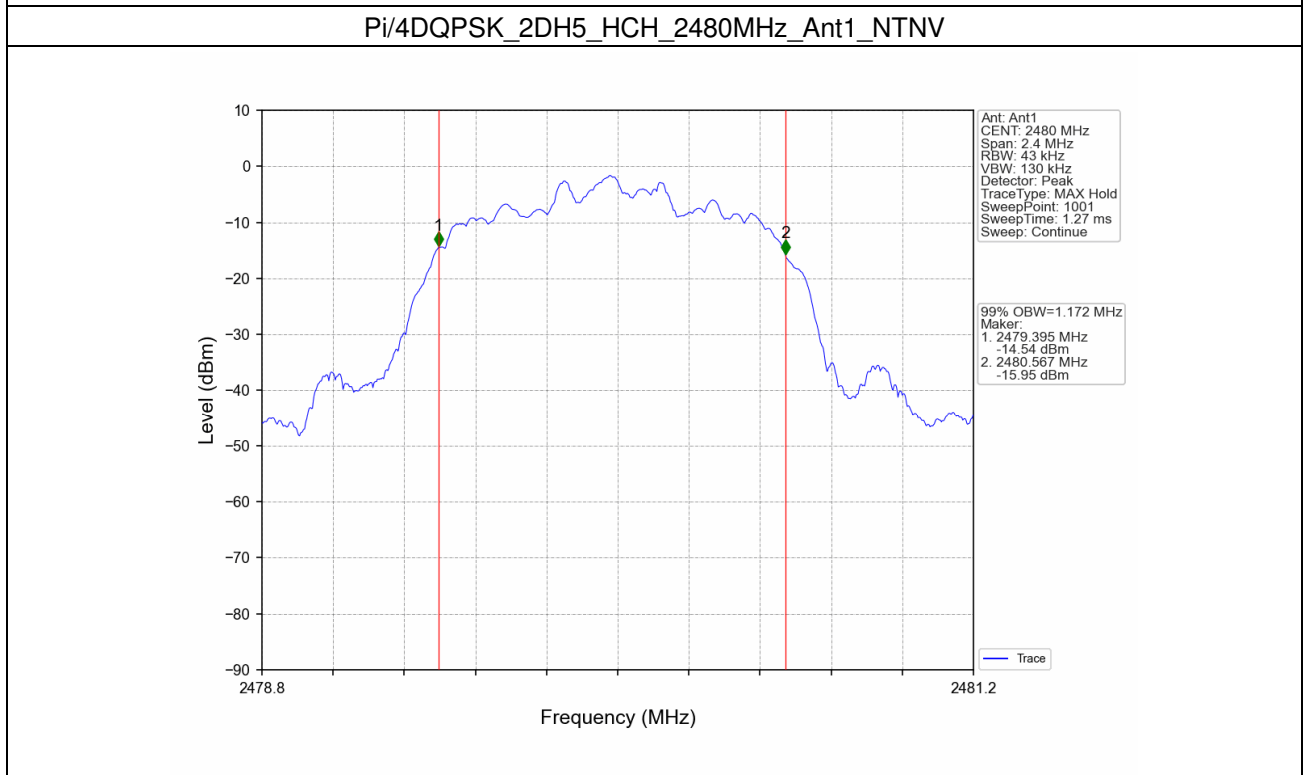
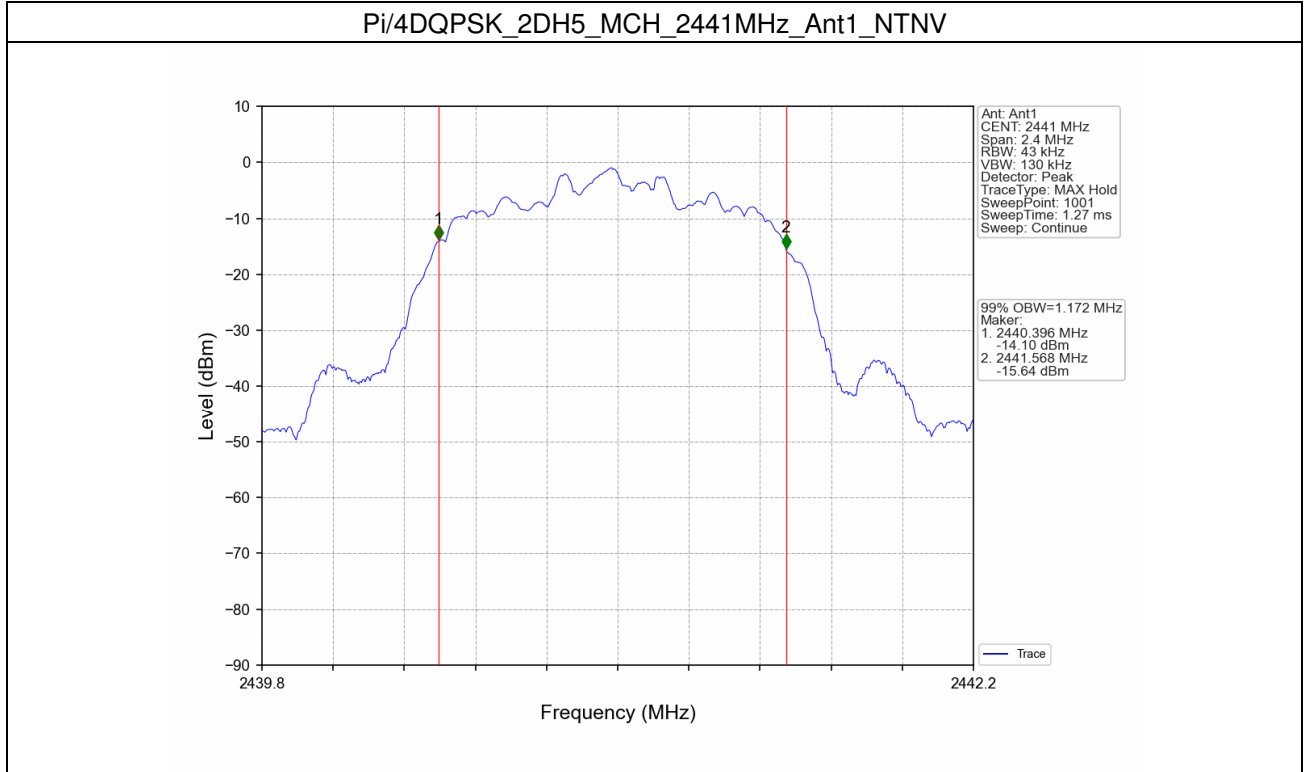
2.1.2 Test Graph



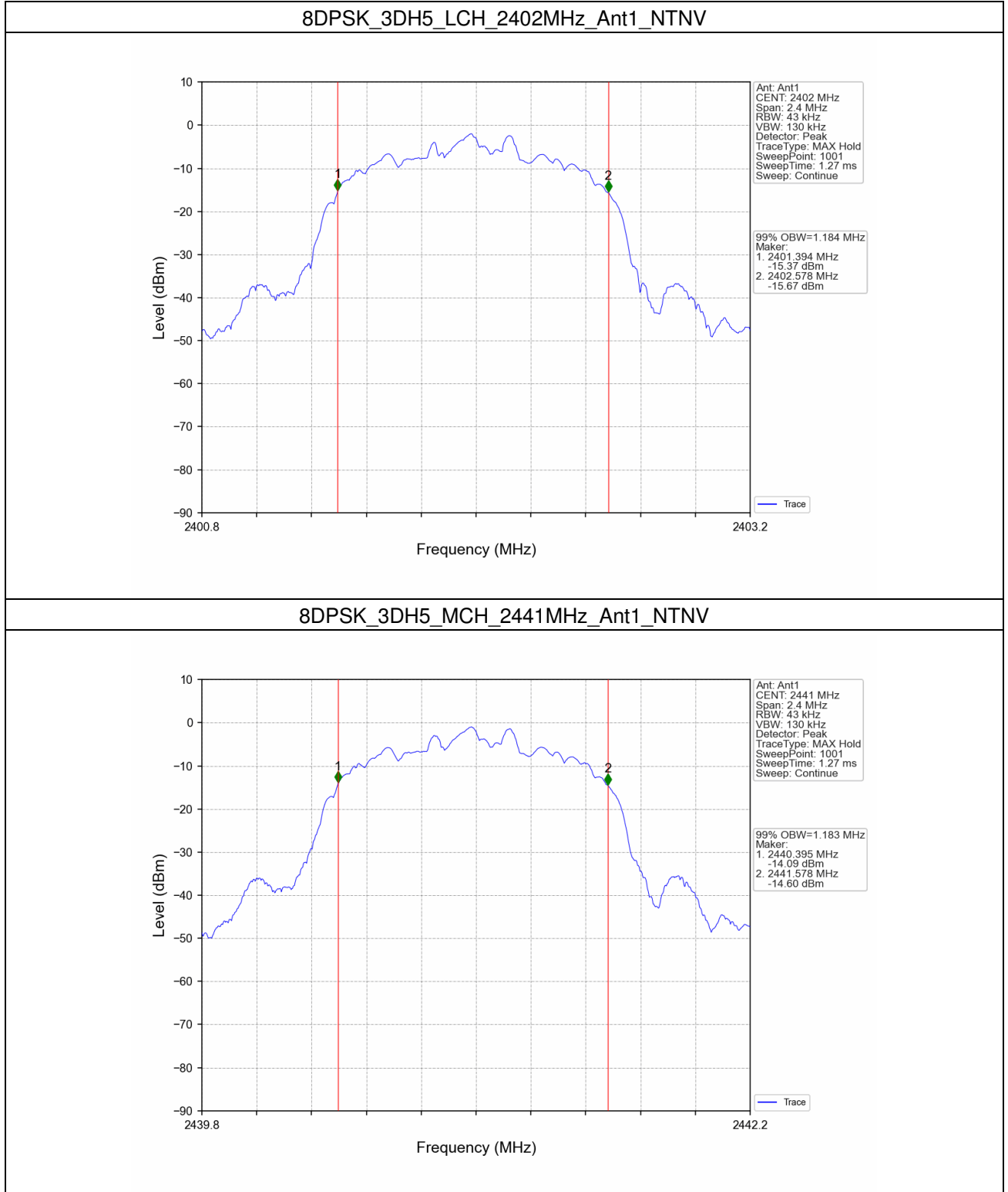
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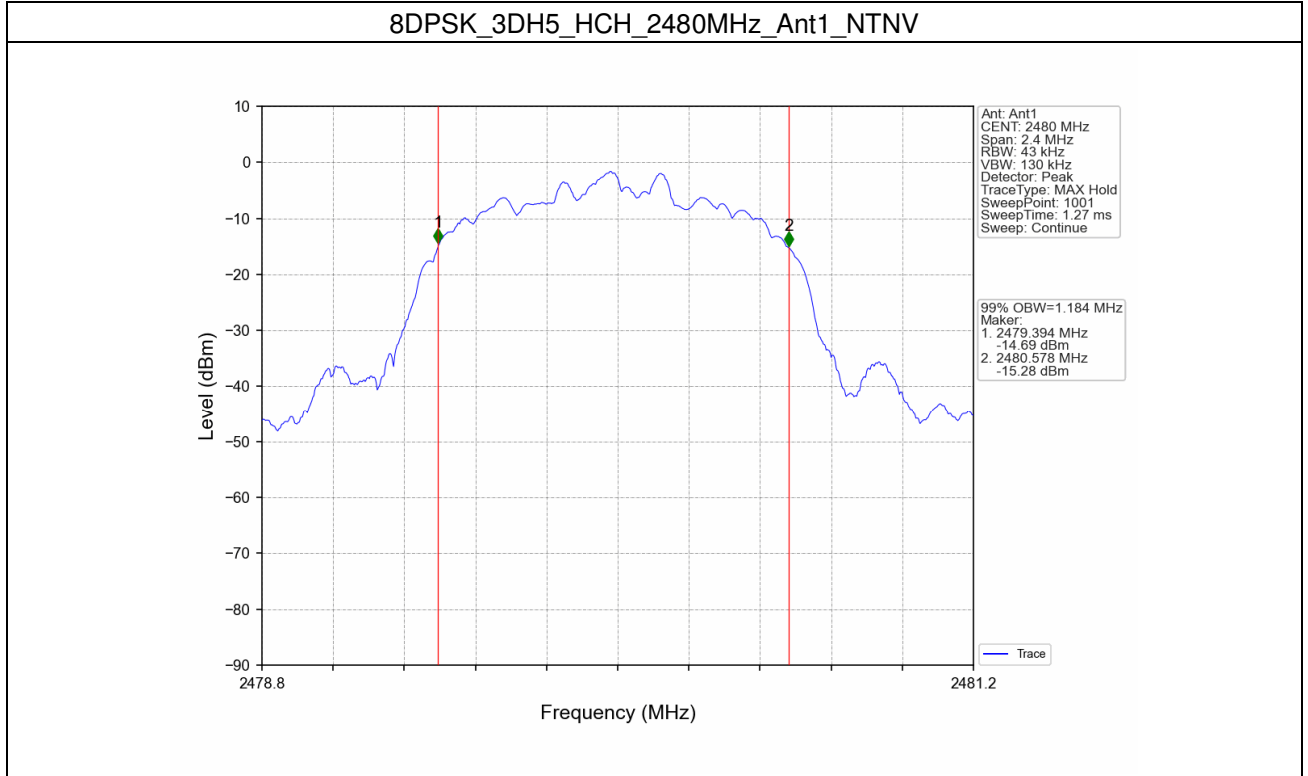


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Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047202

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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	0.941	Pass
		2441	DH5	1	0.942	Pass
		2480	DH5	1	0.944	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.307	Pass
		2441	2DH5	1	1.307	Pass
		2480	2DH5	1	1.308	Pass
8DPSK	SISO	2402	3DH5	1	1.315	Pass
		2441	3DH5	1	1.316	Pass
		2480	3DH5	1	1.317	Pass

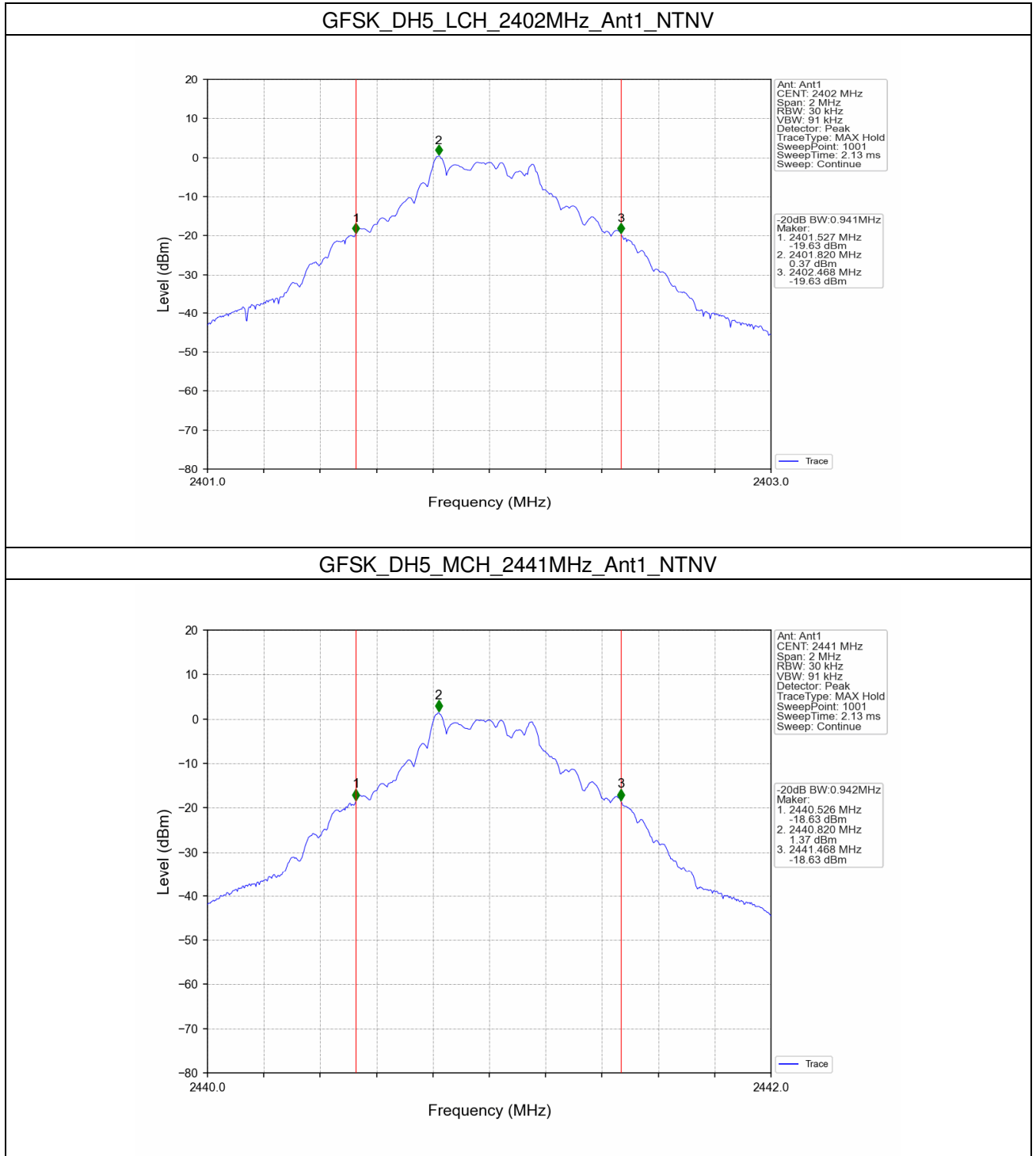


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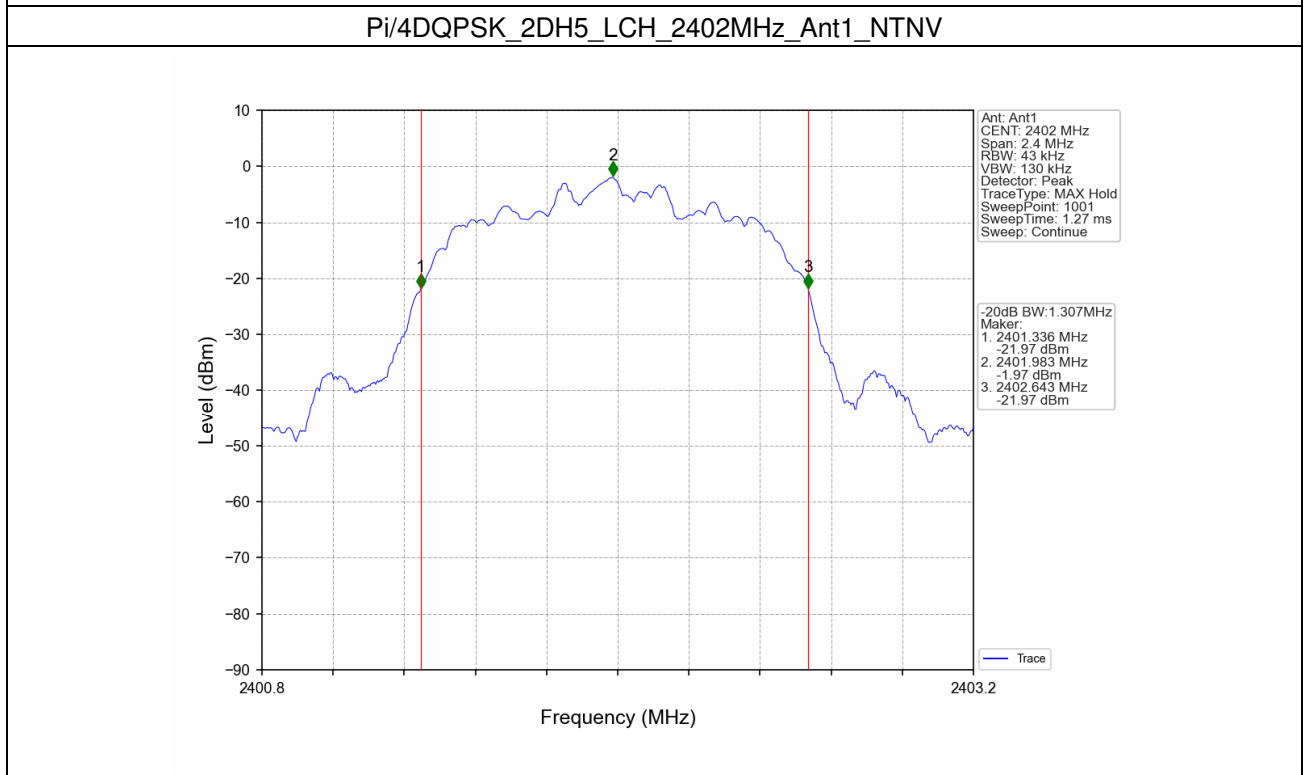
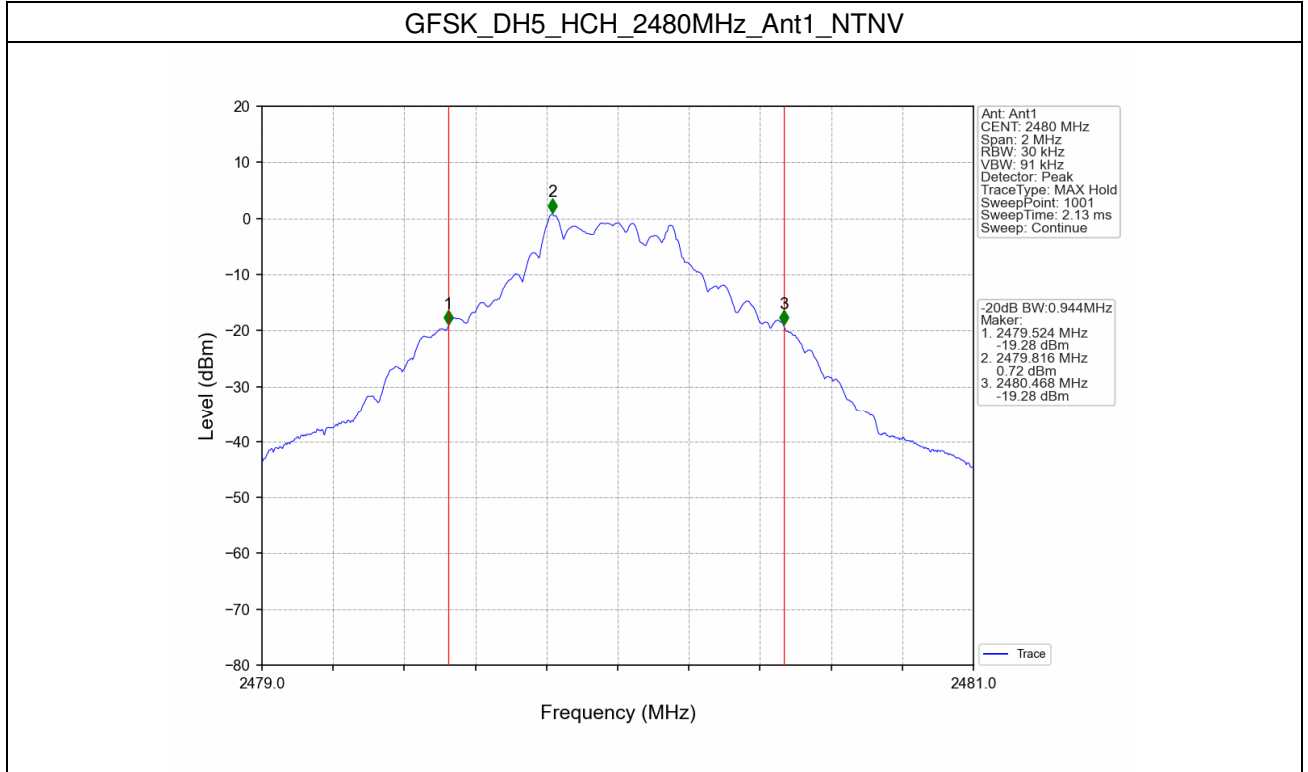
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2.2.2 Test Graph

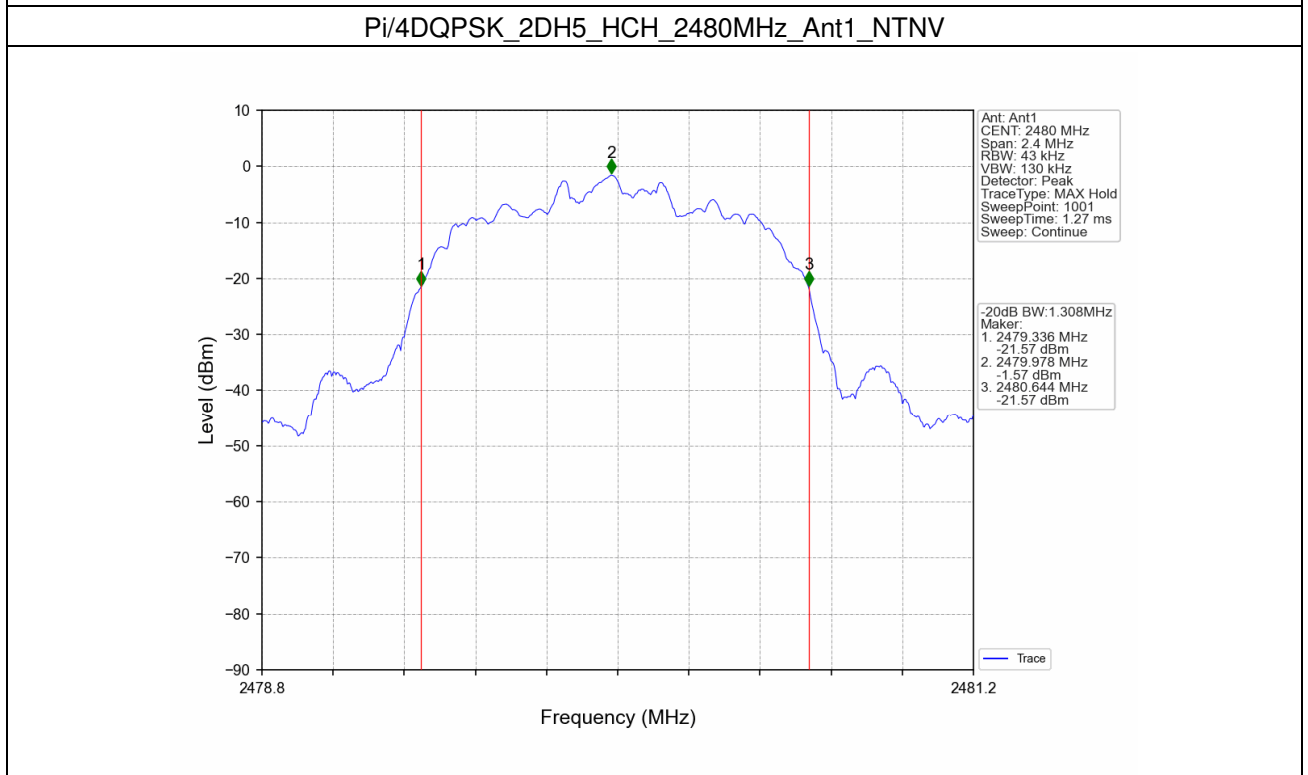
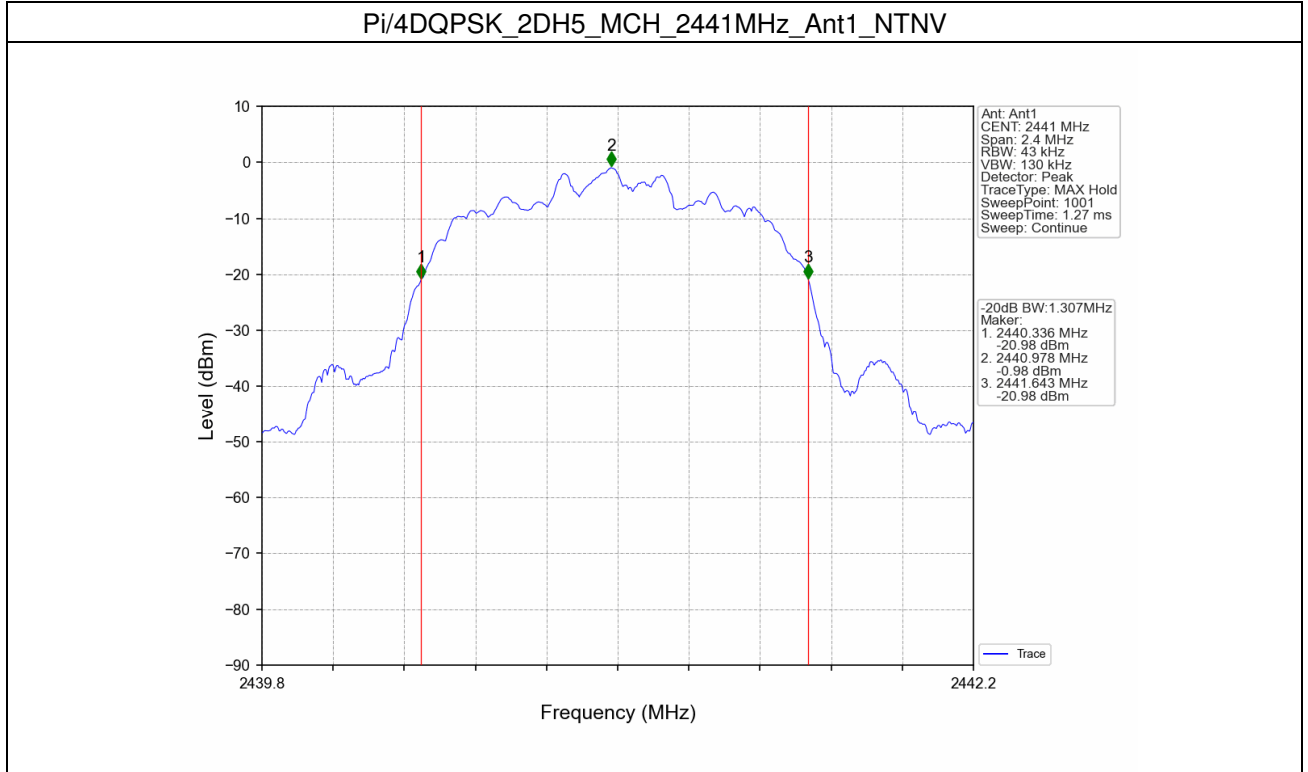


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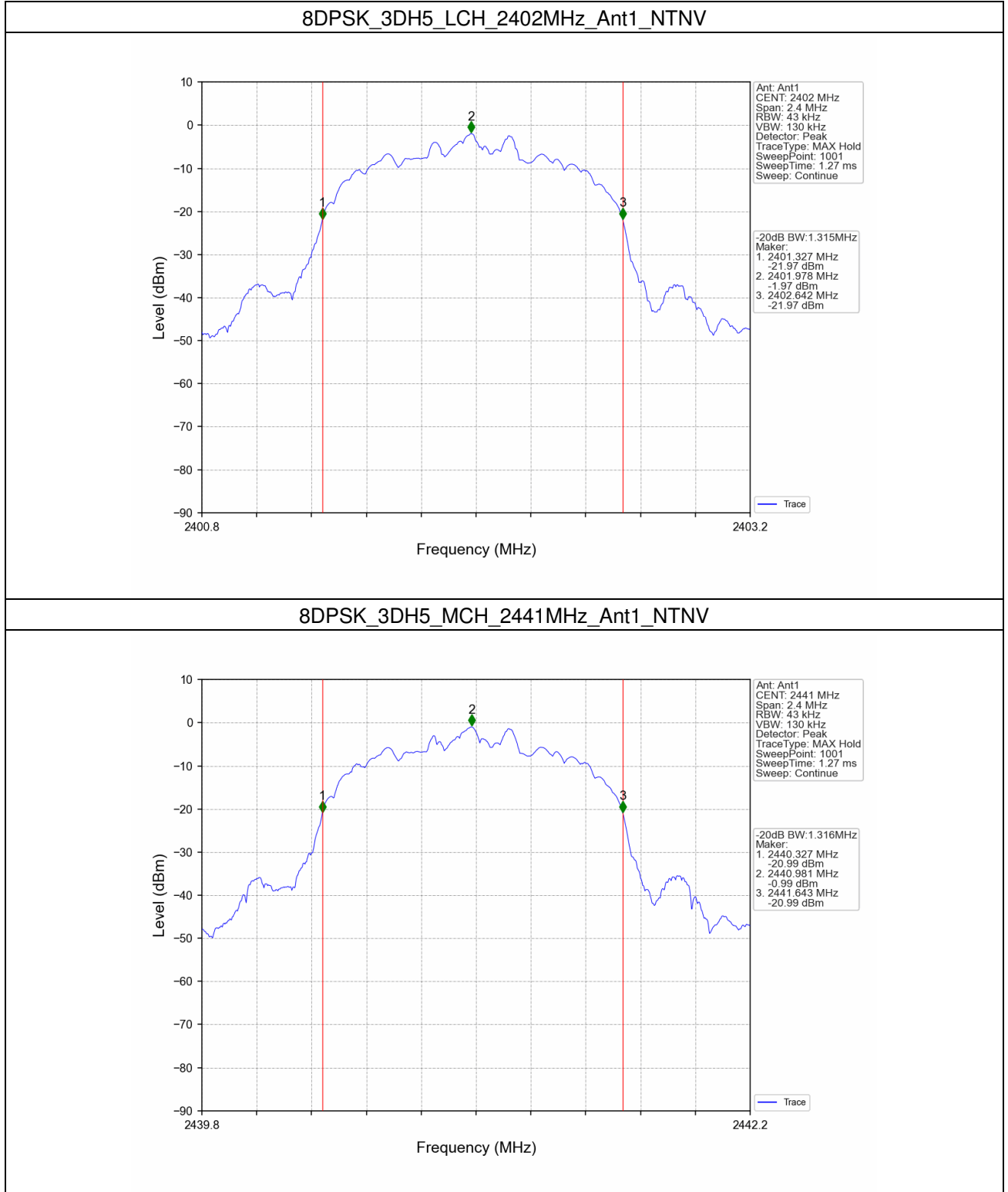
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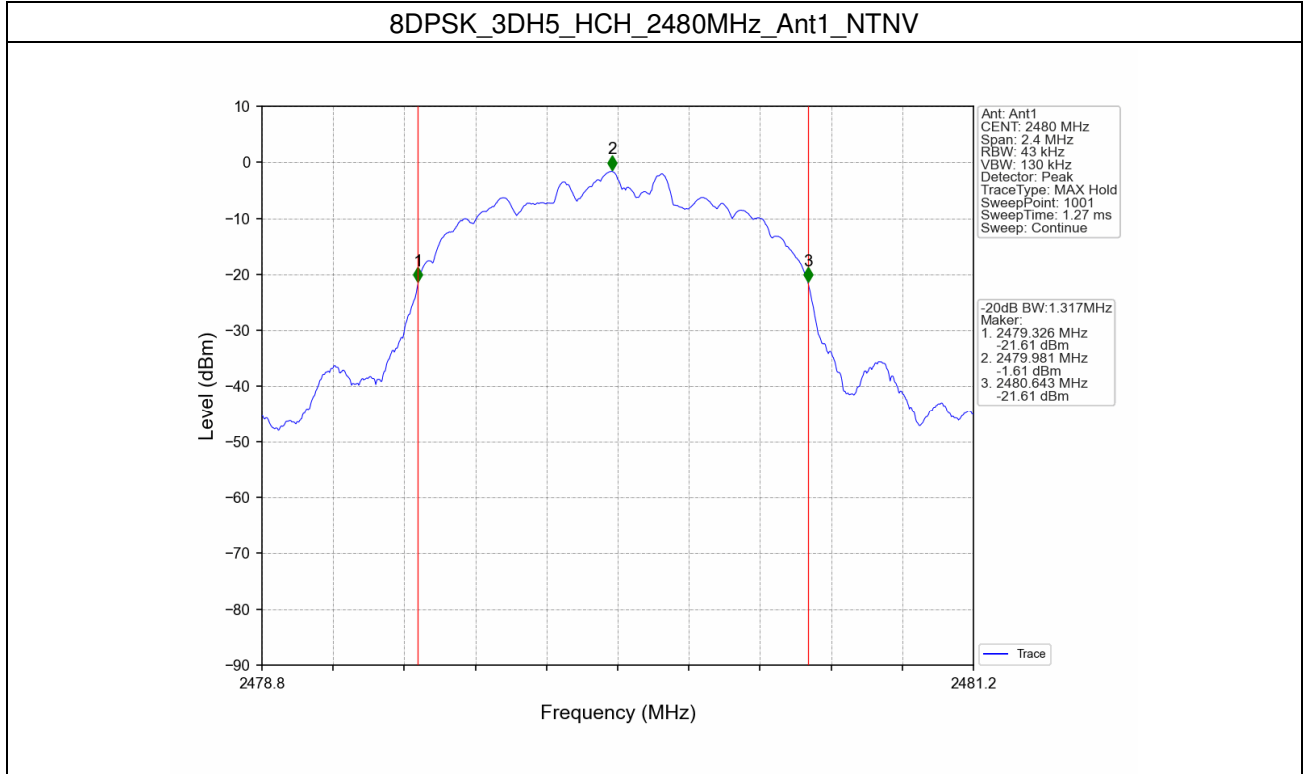
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3. Maximum Conducted Output Power

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	4.04	<=30	Pass
		2441	DH5	5.00	<=30	Pass
		2480	DH5	4.43	<=30	Pass
Pi/4DQPSK	SISO	2402	2DH5	4.14	<=20.97	Pass
		2441	2DH5	5.13	<=20.97	Pass
		2480	2DH5	4.54	<=20.97	Pass
8DPSK	SISO	2402	3DH5	4.41	<=20.97	Pass
		2441	3DH5	5.45	<=20.97	Pass
		2480	3DH5	4.86	<=20.97	Pass

Note1: Antenna Gain: -1.19dBi

4. Carrier Frequency Separation

4.1 Ant1

4.1.1 Test Result

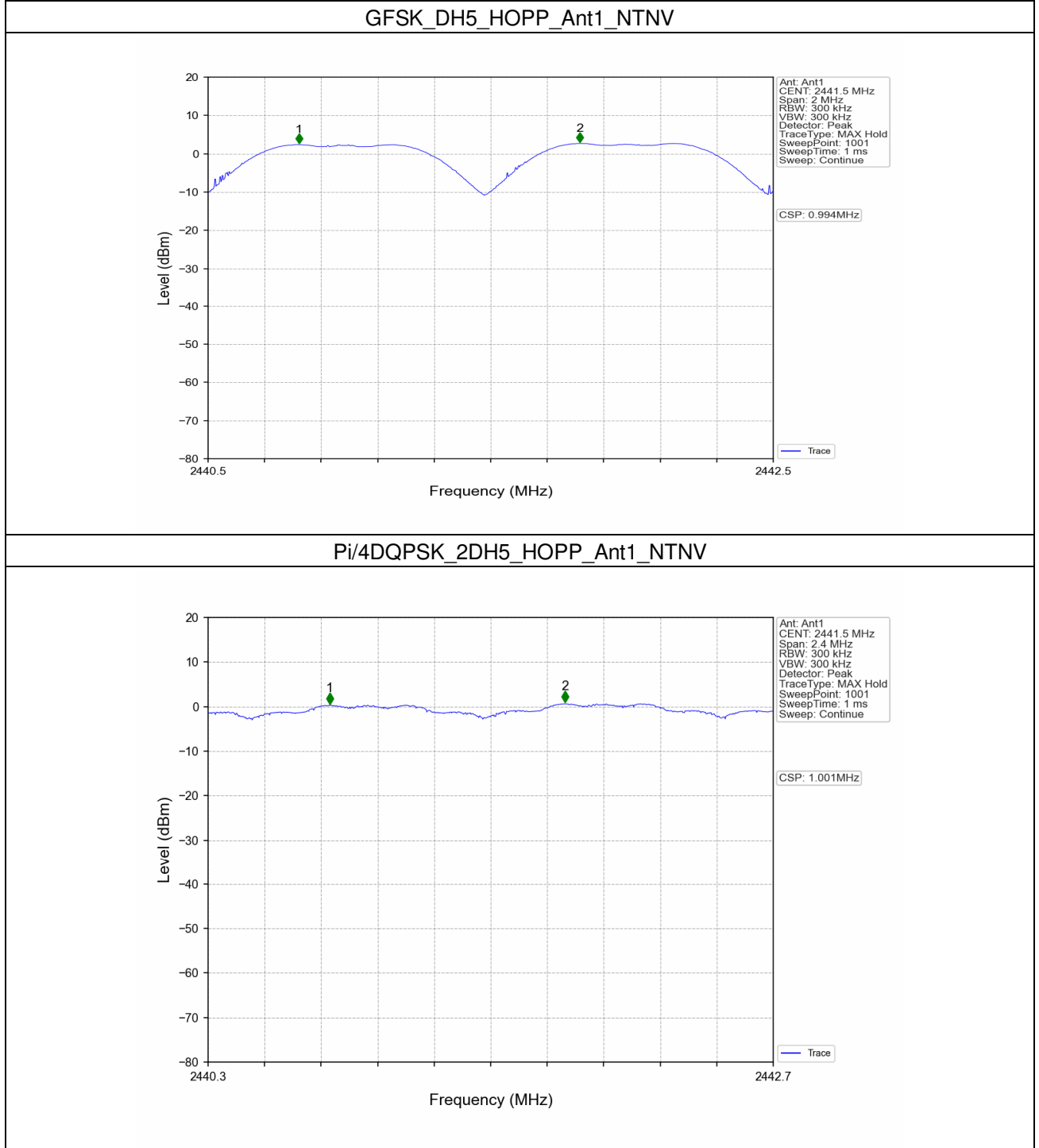
Ant1							
Mode	TX Type	Frequency (MHz)	Packet Type	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
GFSK	SISO	HOPP	DH5	0.994	0.944	>=0.944	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	1.001	1.308	>=0.872	Pass
8DPSK	SISO	HOPP	3DH5	1.001	1.317	>=0.878	Pass



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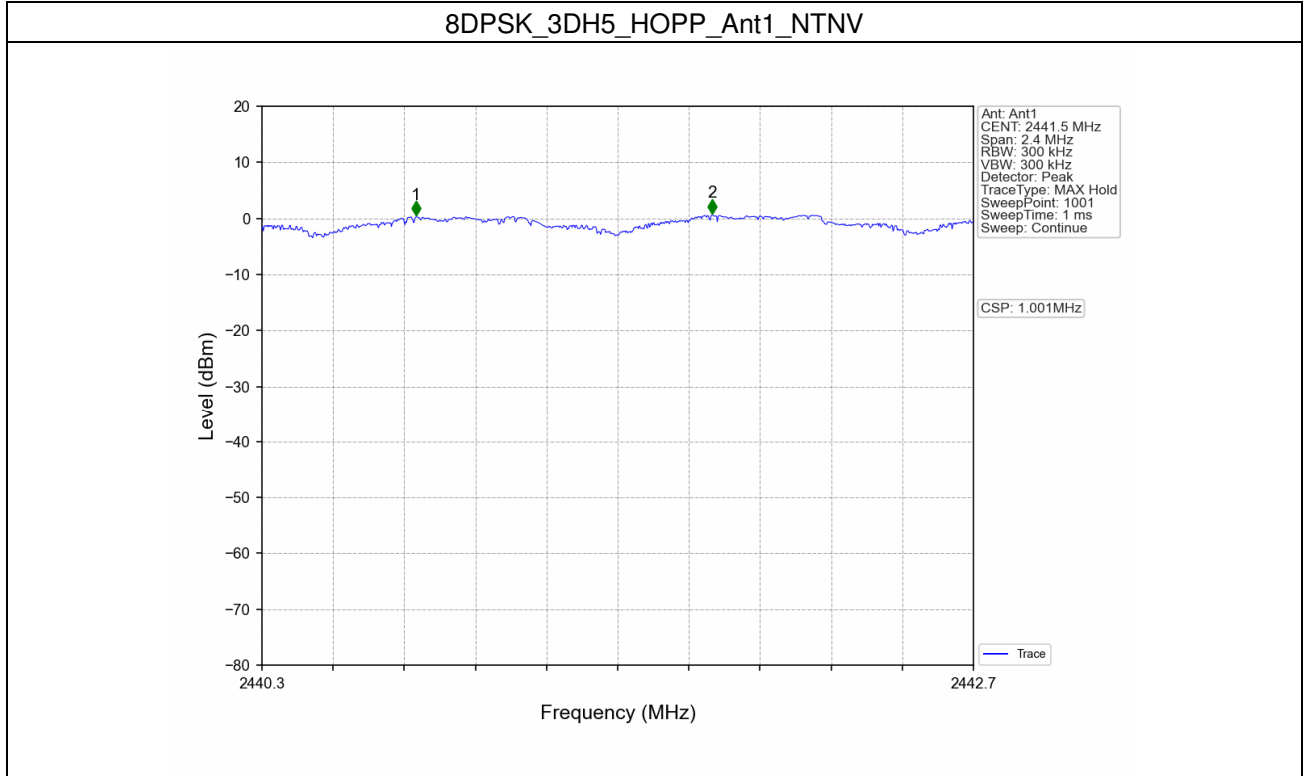
4.1.2 Test Graph



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5. Number of Hopping Frequencies

5.1 HoppNum

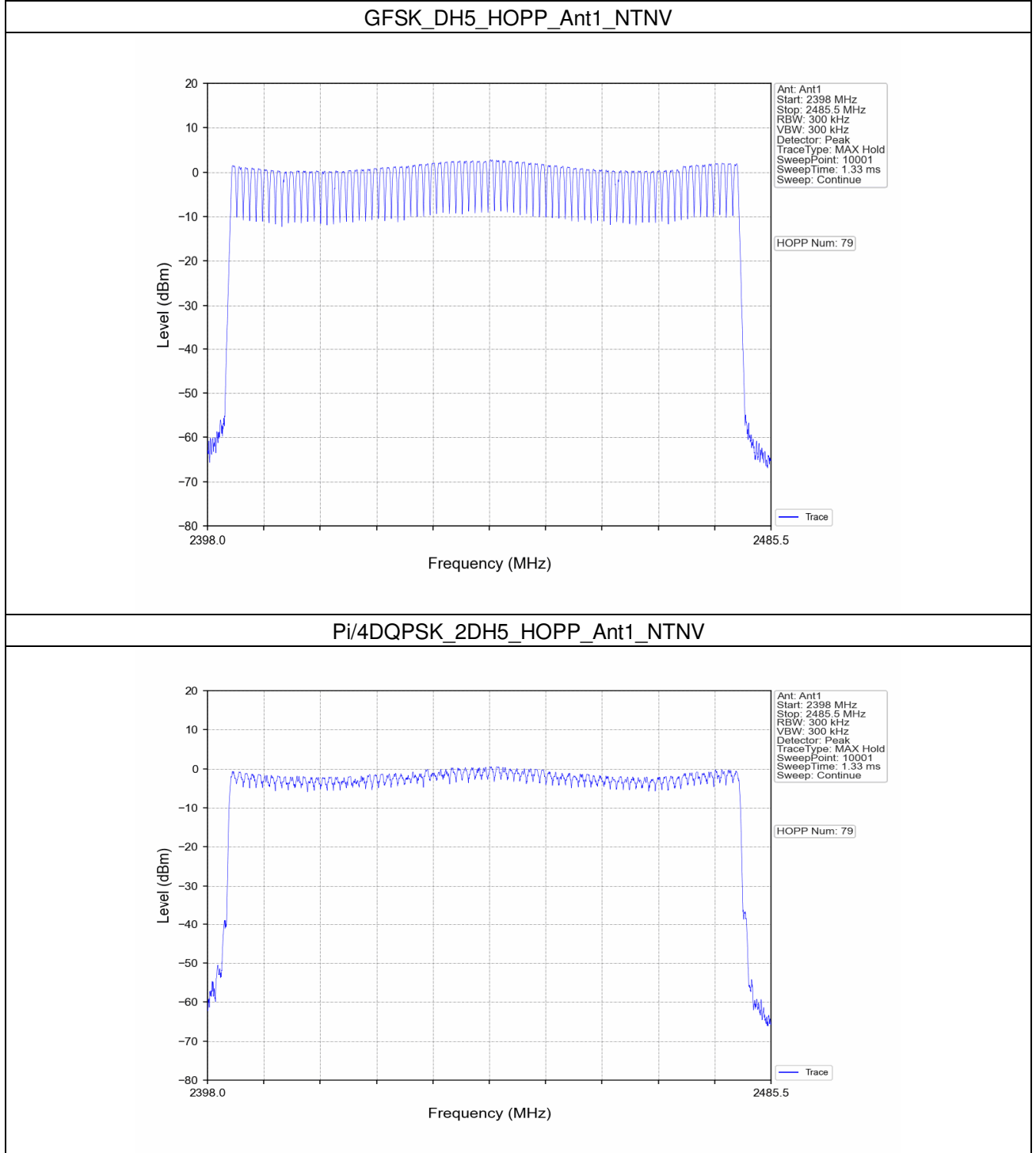
5.1.1 Test Result

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



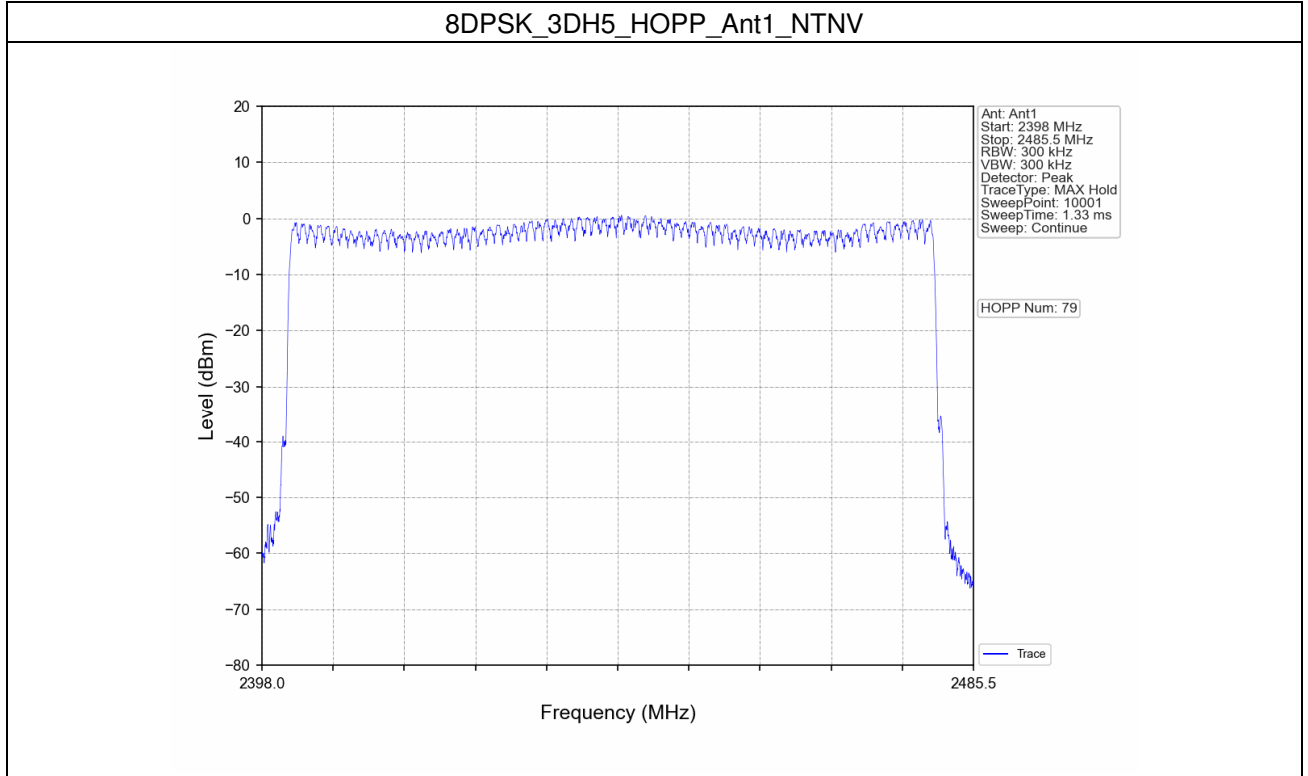
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5.1.2 Test Graph



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6. Time of Occupancy (Dwell Time)

6.1 Ant1

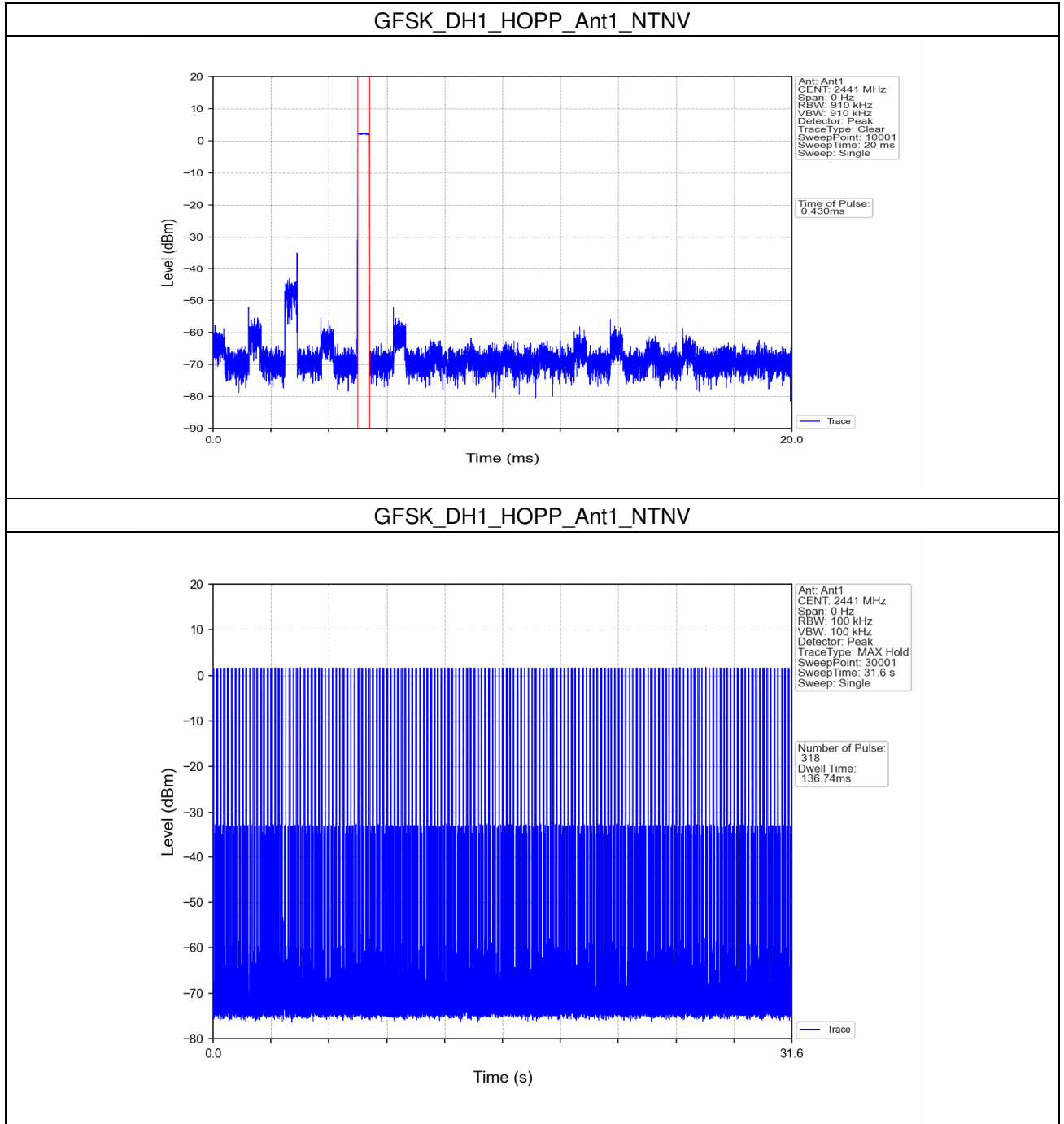
6.1.1 Test Result

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	0.430	31.600	318	136.740	<=400	Pass
			DH3	1.688	31.600	163	275.144	<=400	Pass
			DH5	2.940	31.600	109	320.460	<=400	Pass
Pi/4DQPSK	SISO	HOPP	2DH1	0.402	31.600	321	129.042	<=400	Pass
			2DH3	1.680	31.600	162	272.160	<=400	Pass
			2DH5	2.928	31.600	109	319.152	<=400	Pass
8DPSK	SISO	HOPP	3DH1	0.422	31.600	320	135.040	<=400	Pass
			3DH3	1.650	31.600	156	257.400	<=400	Pass
			3DH5	2.902	31.600	102	296.004	<=400	Pass



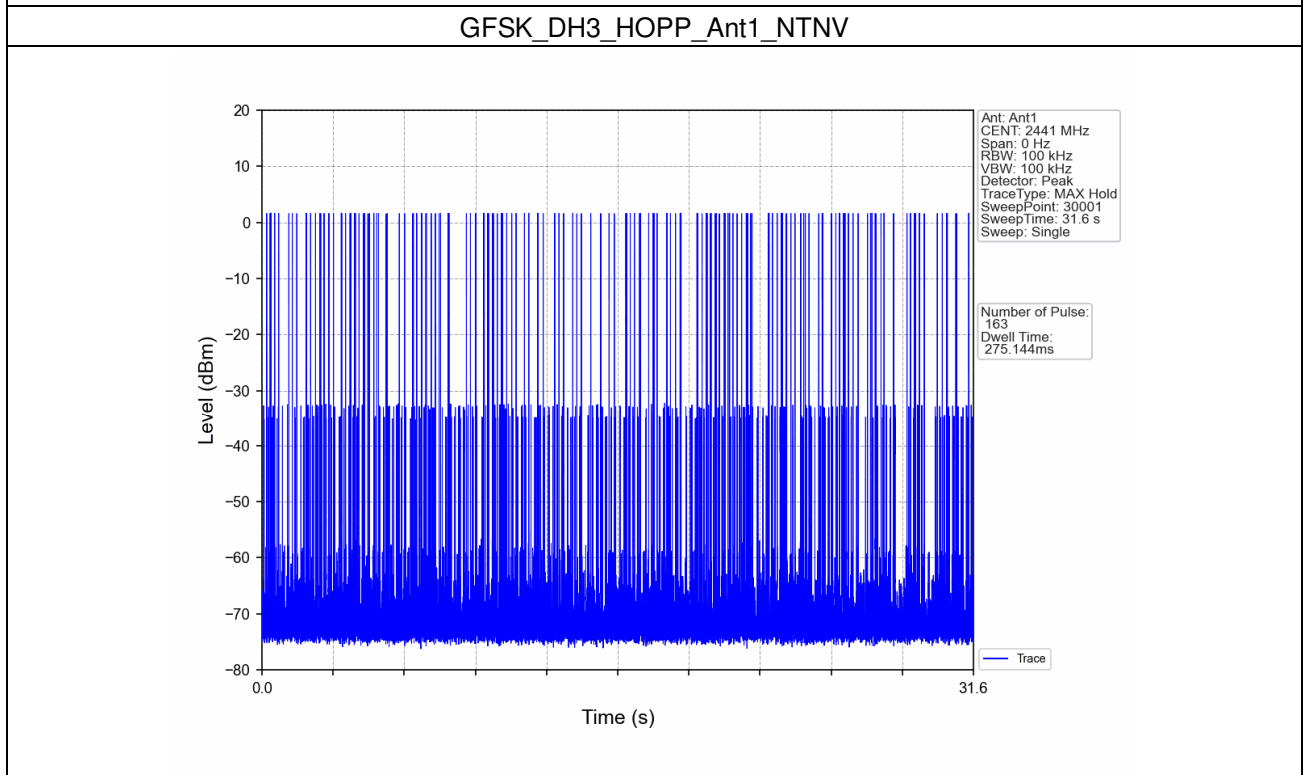
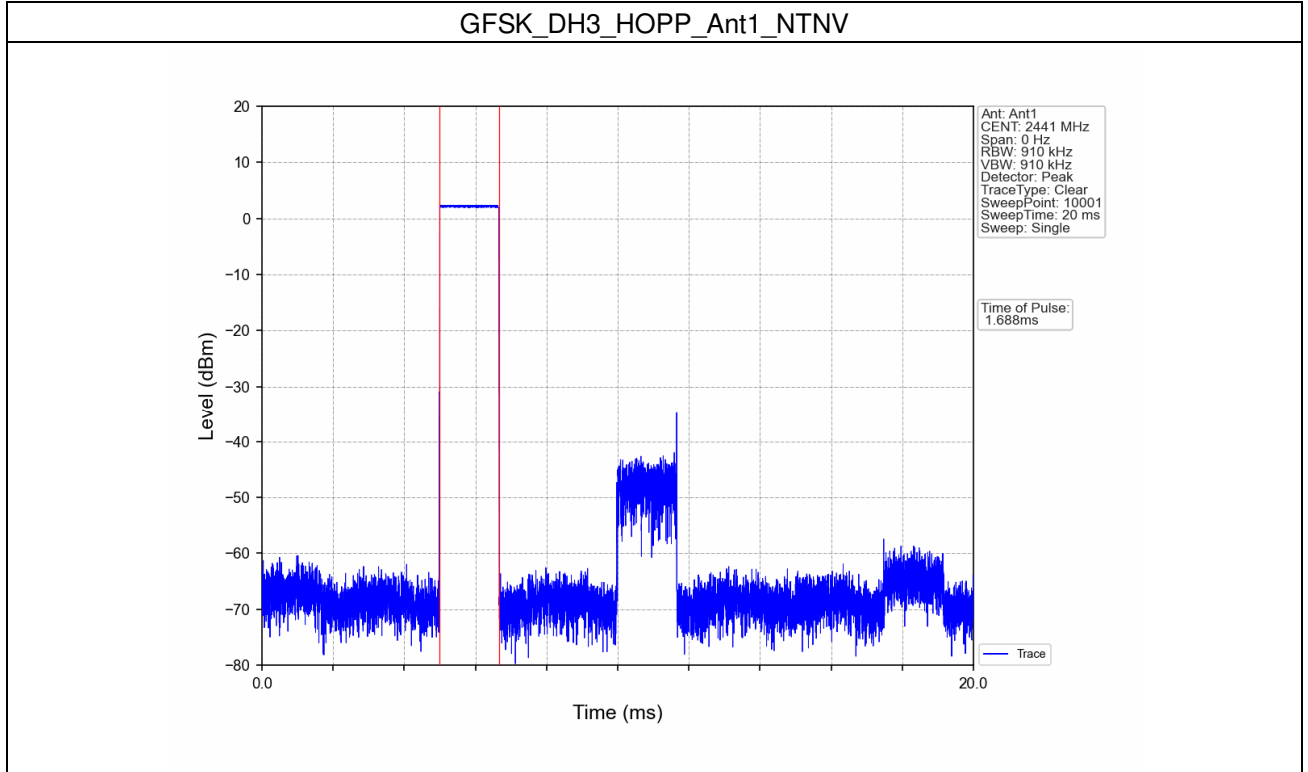
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6.1.2 Test Graph

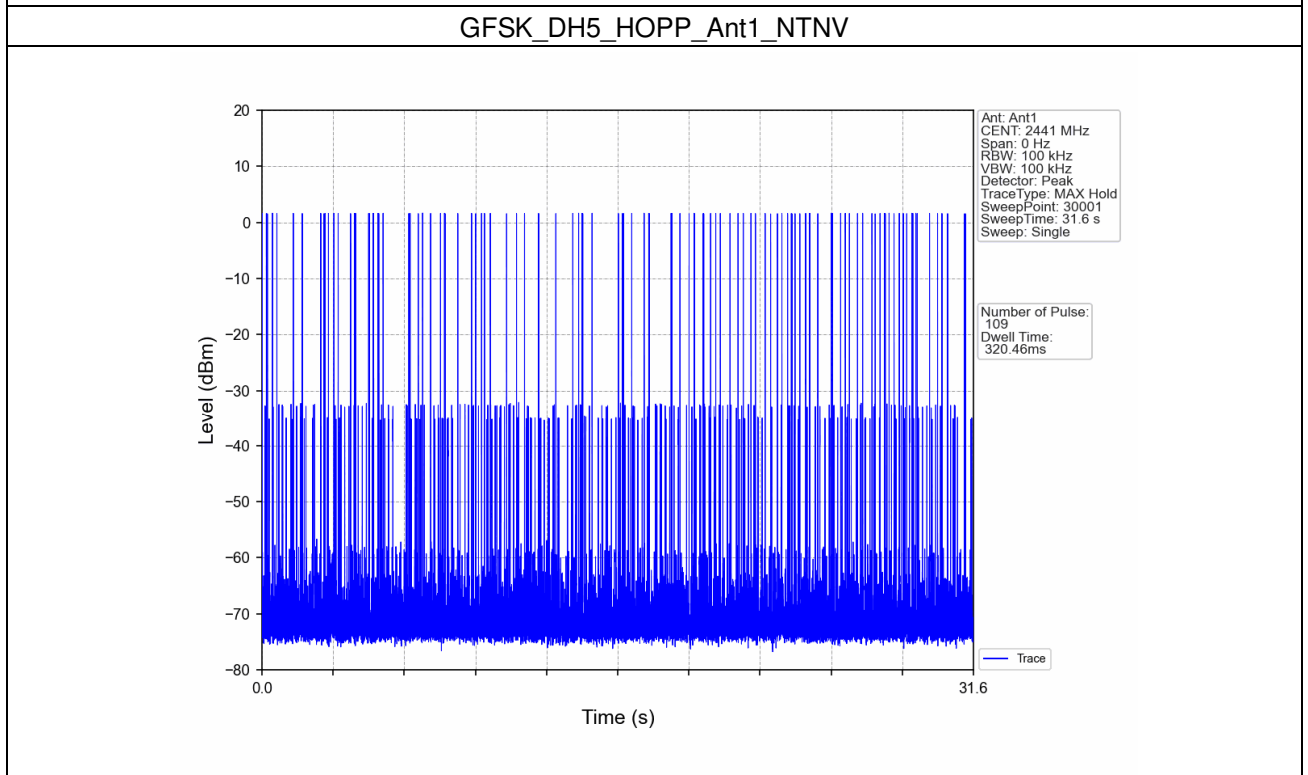
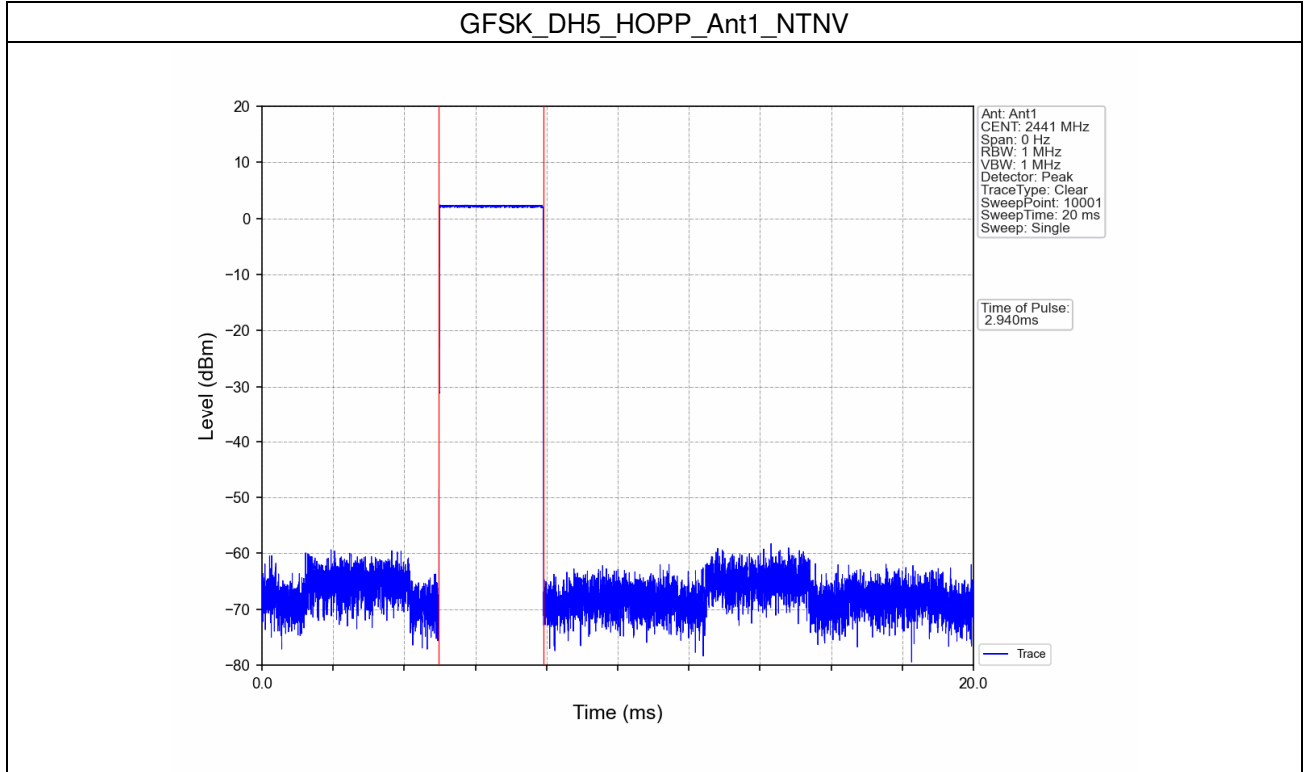


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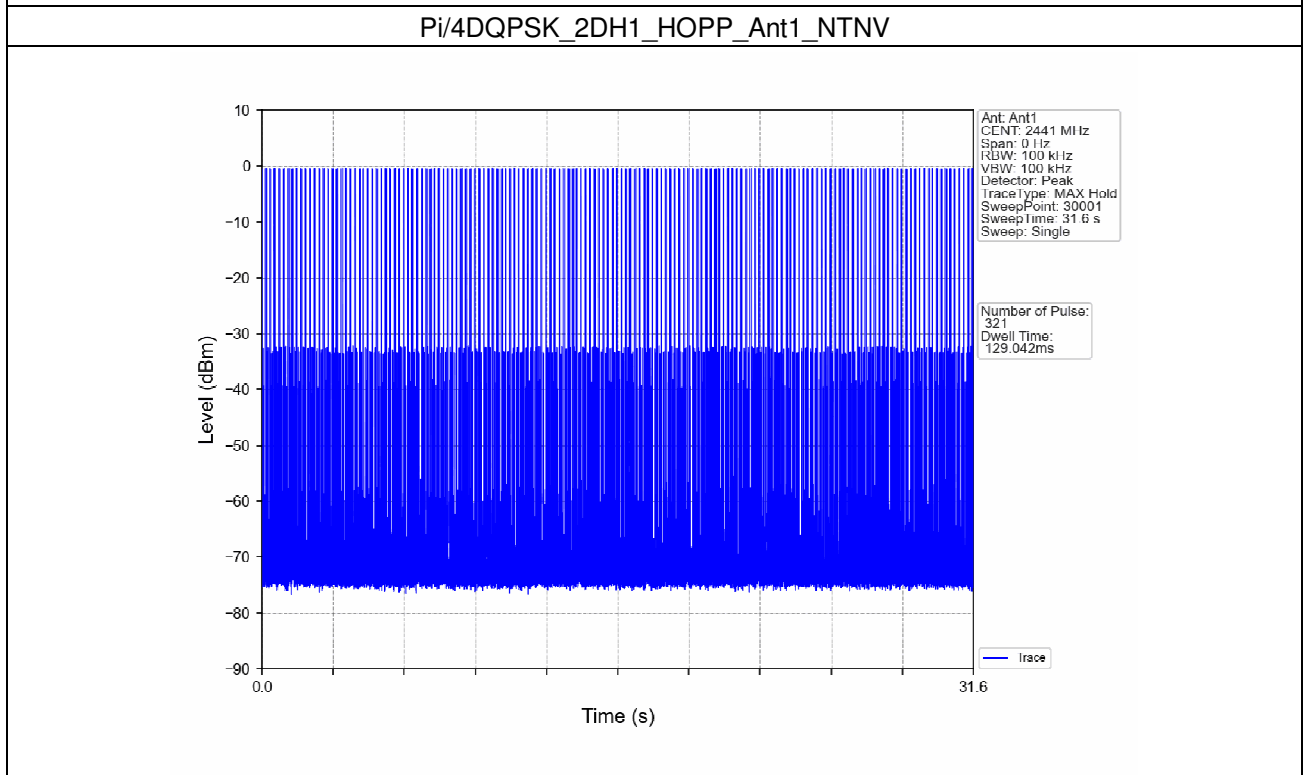
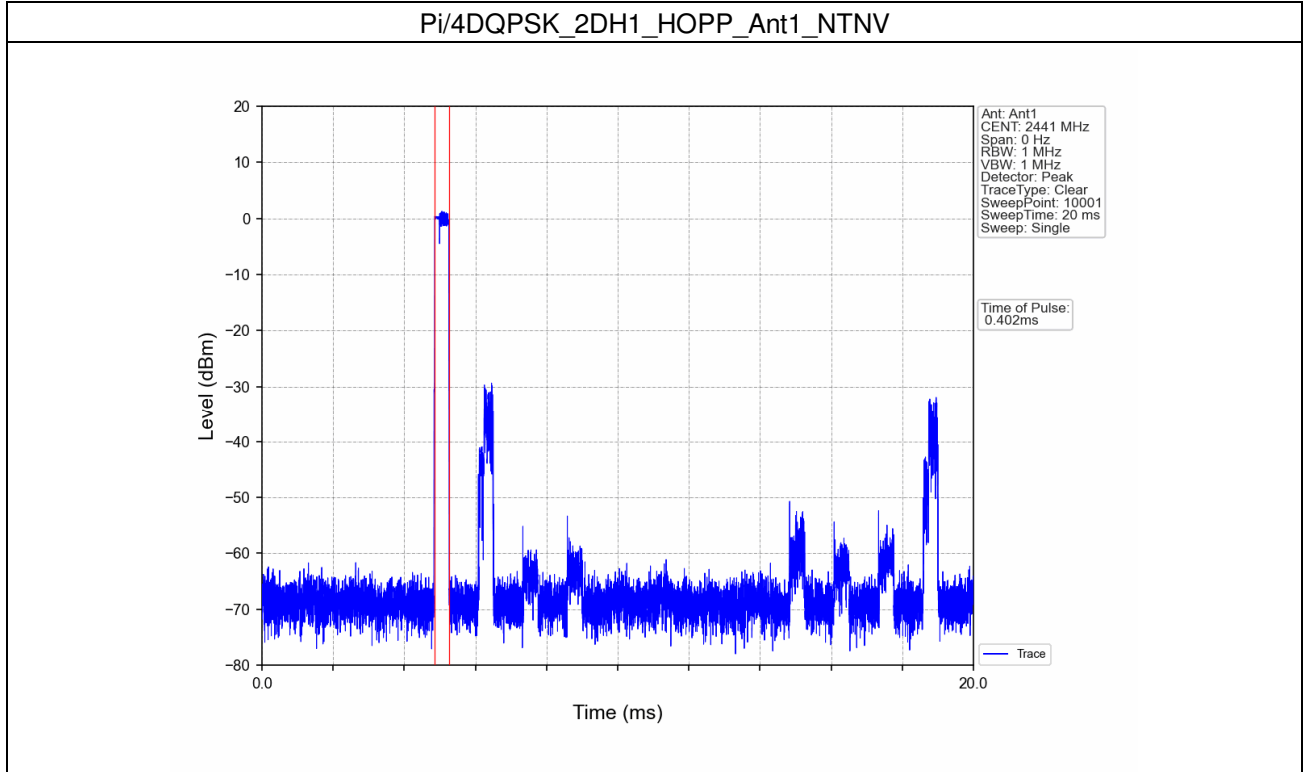
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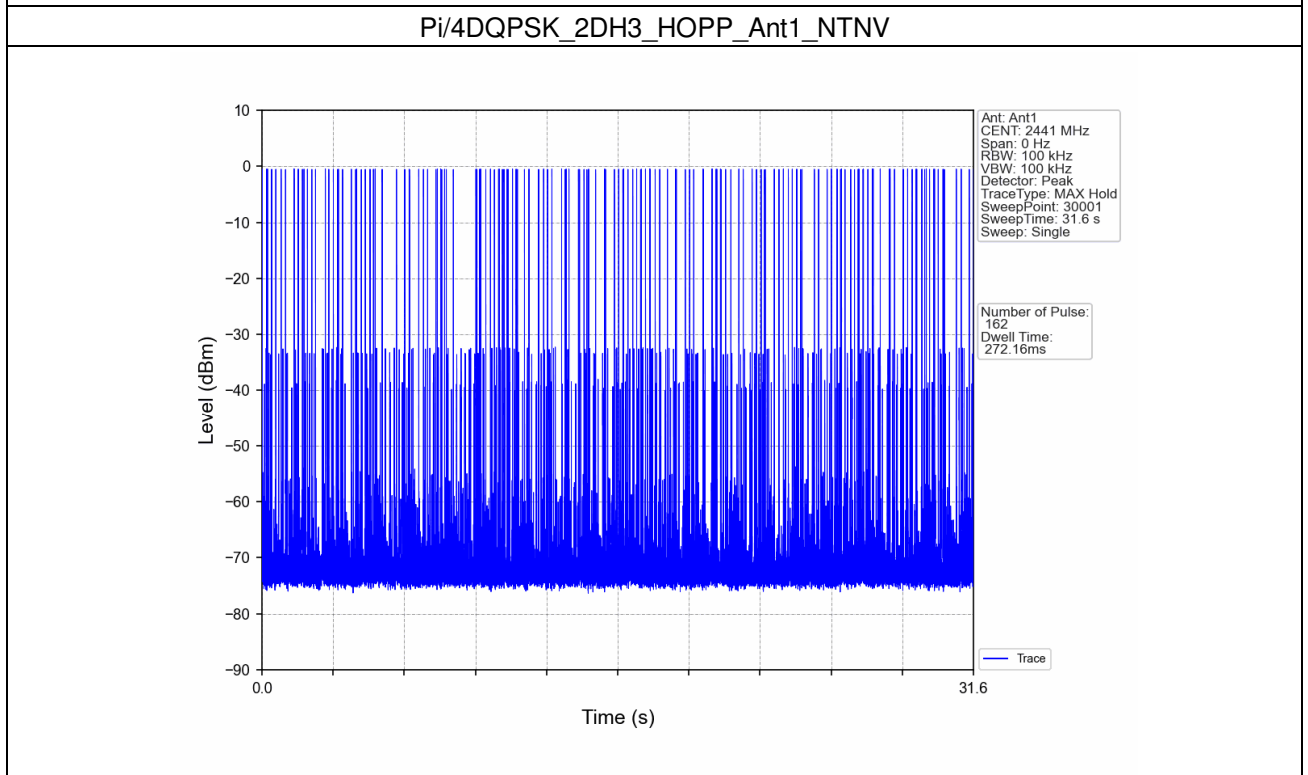
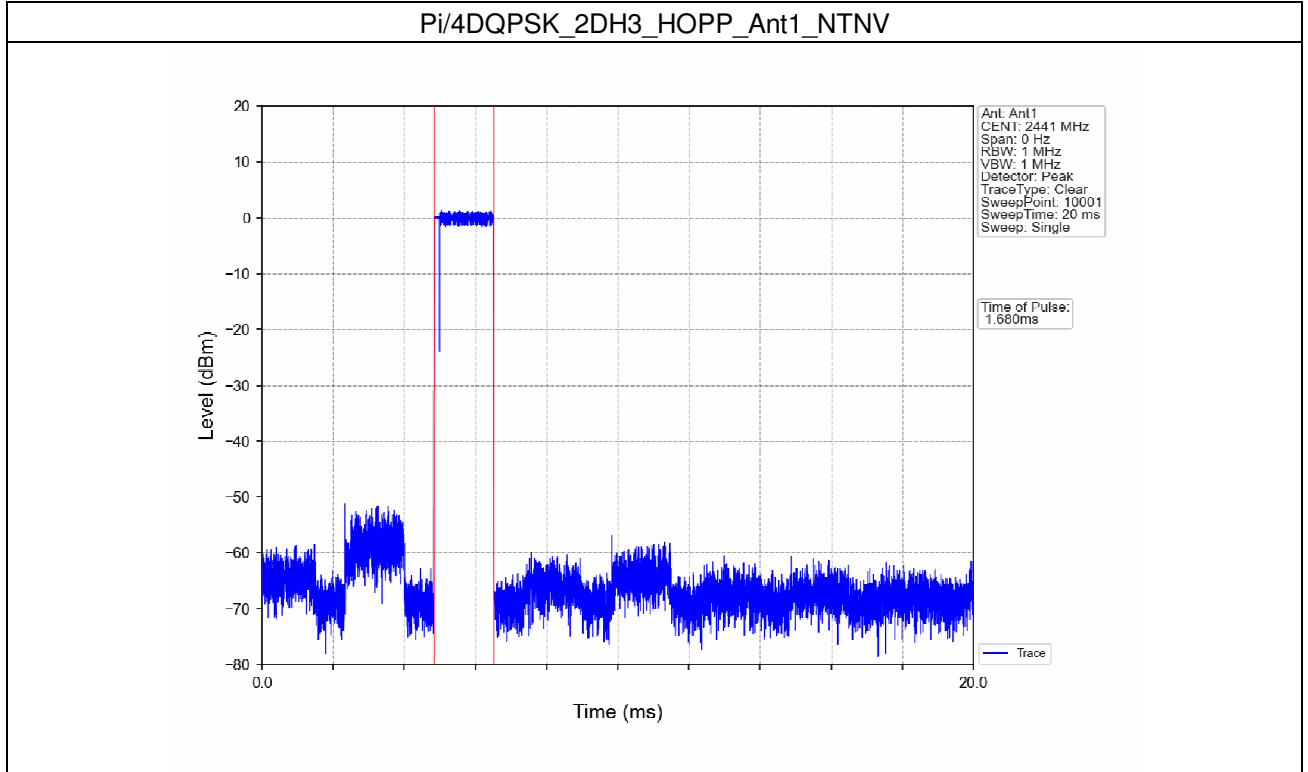
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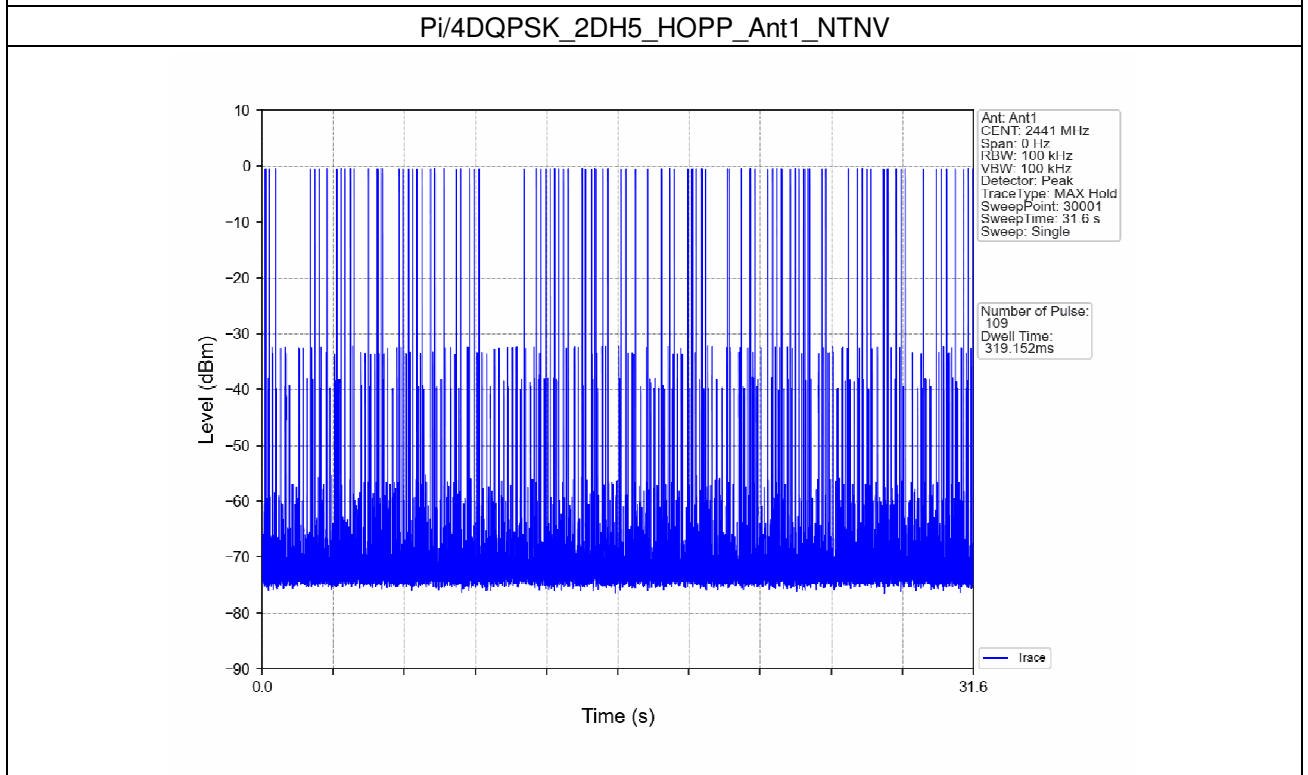
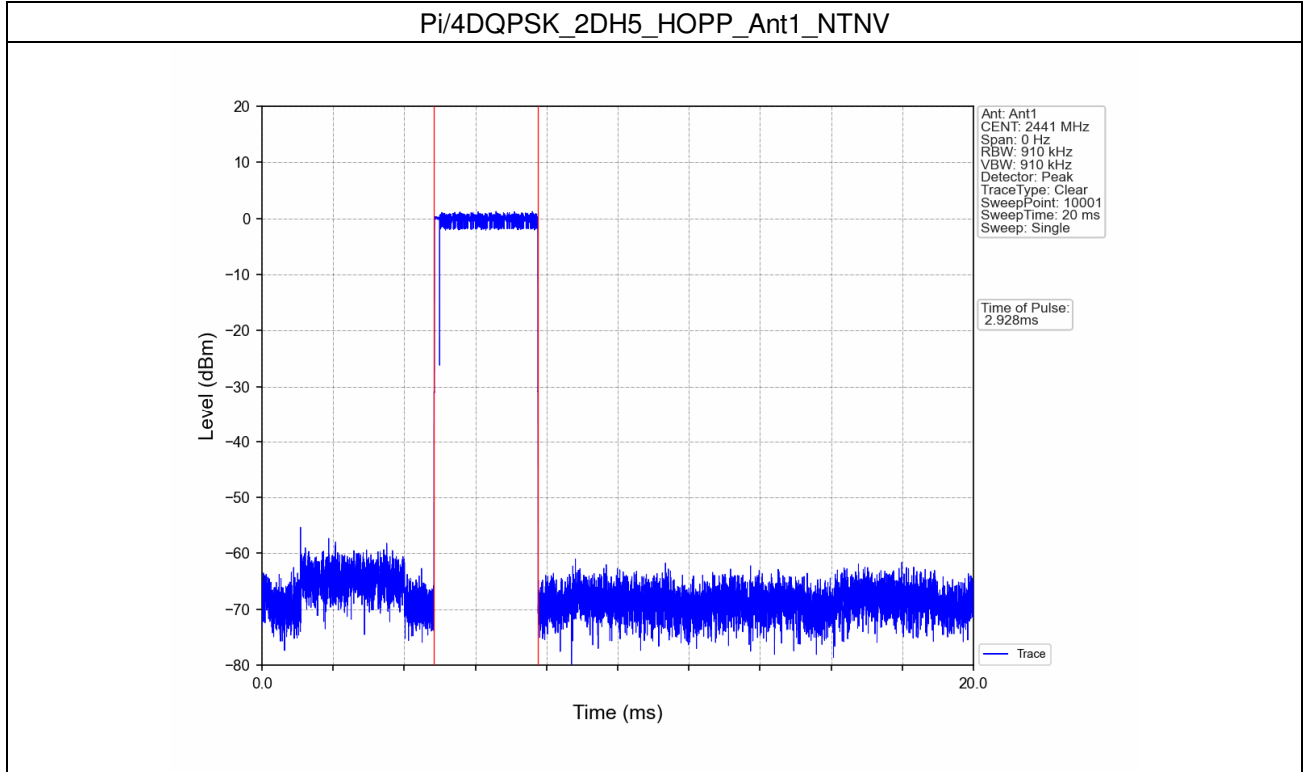
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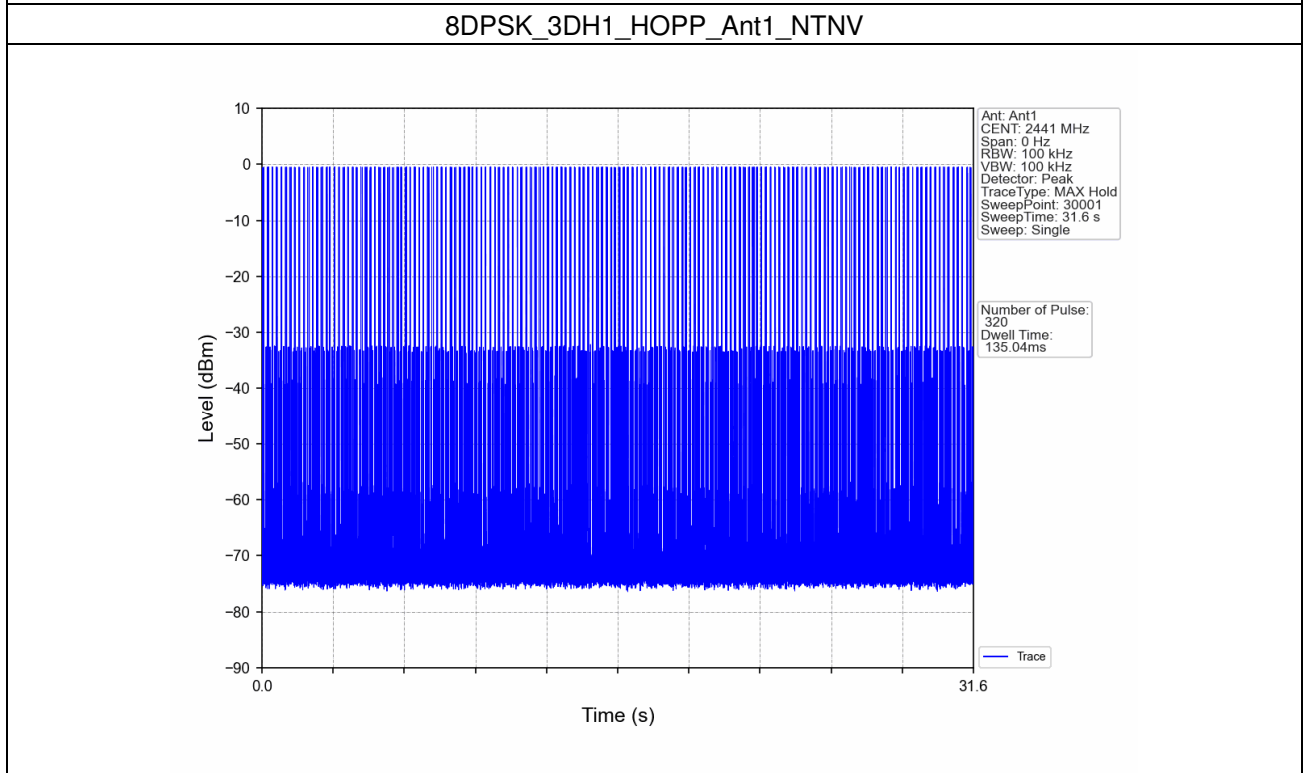
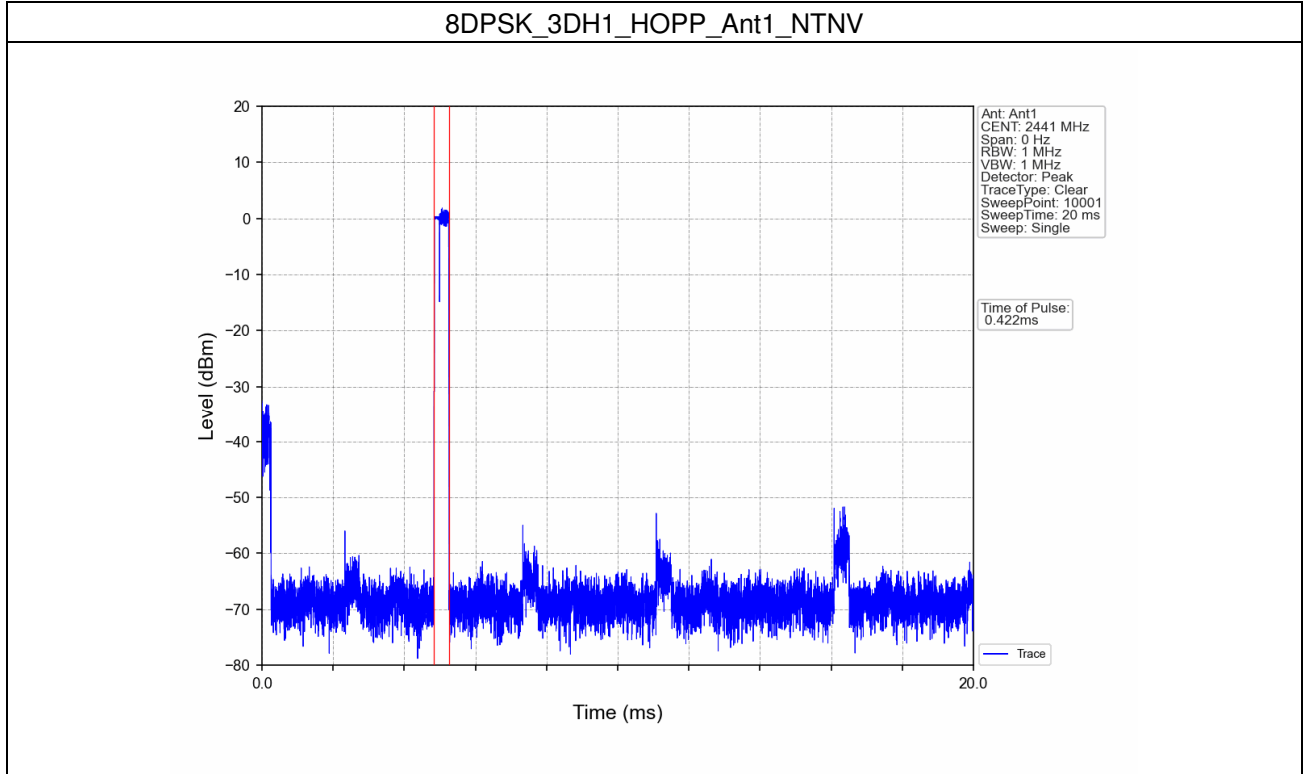
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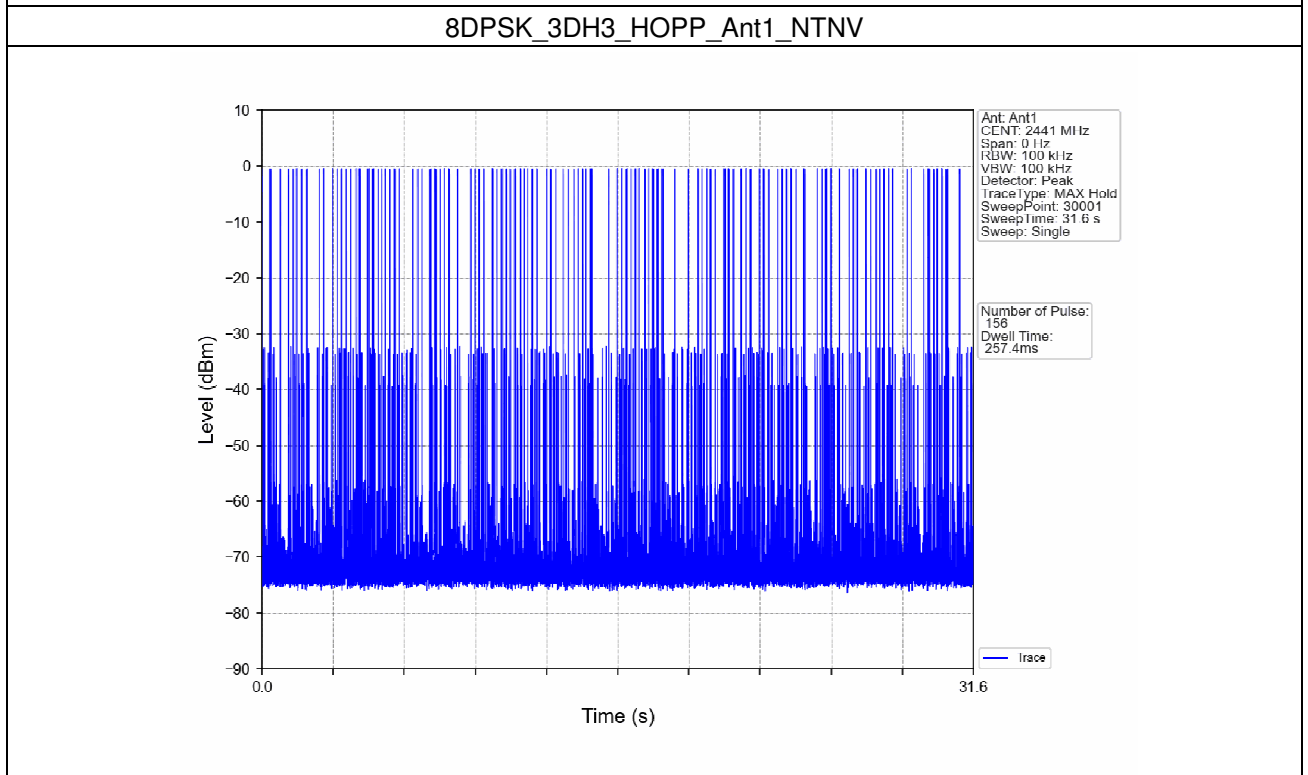
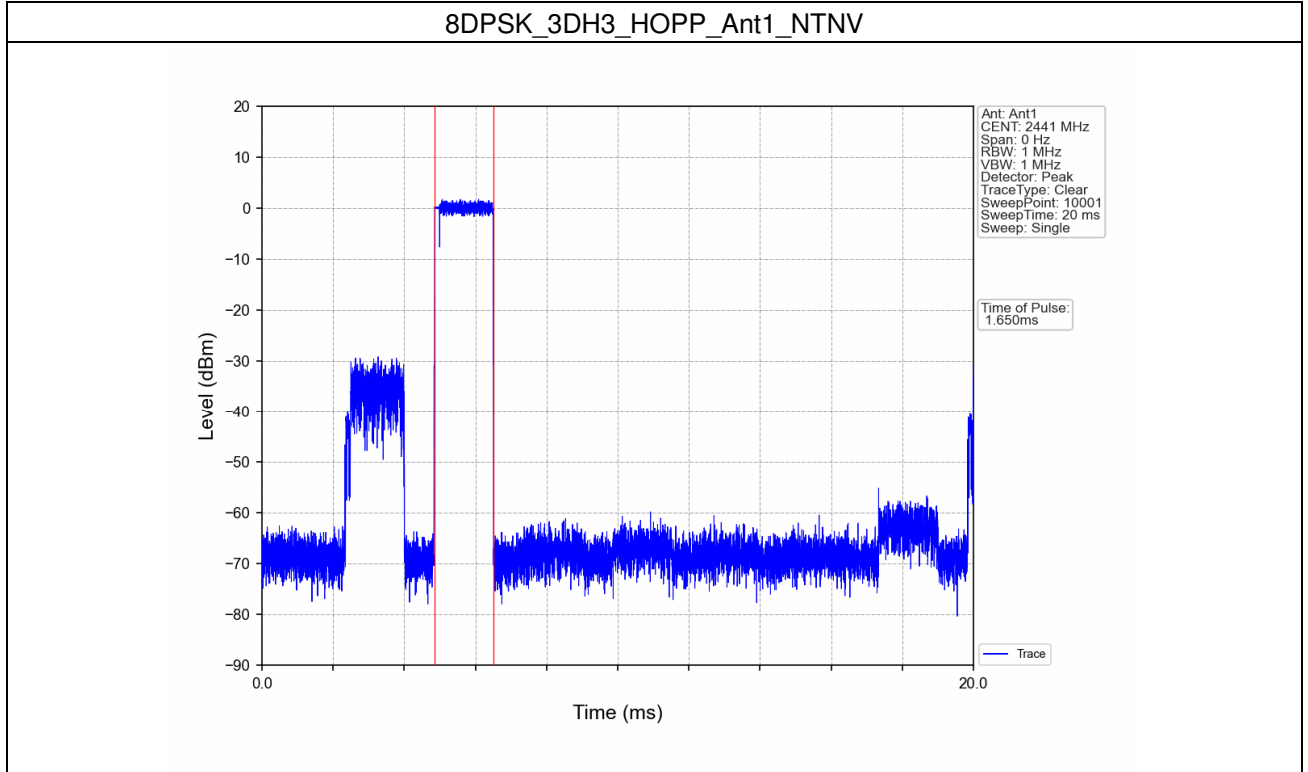


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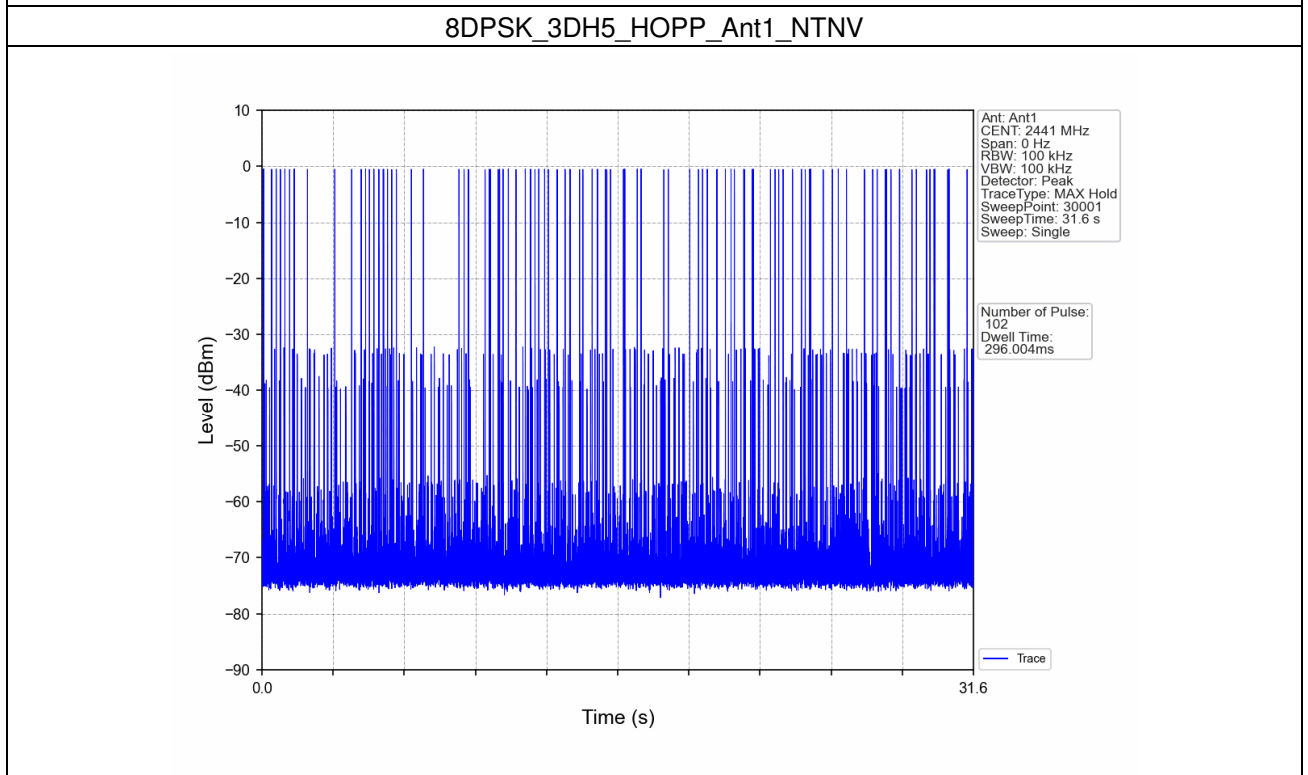
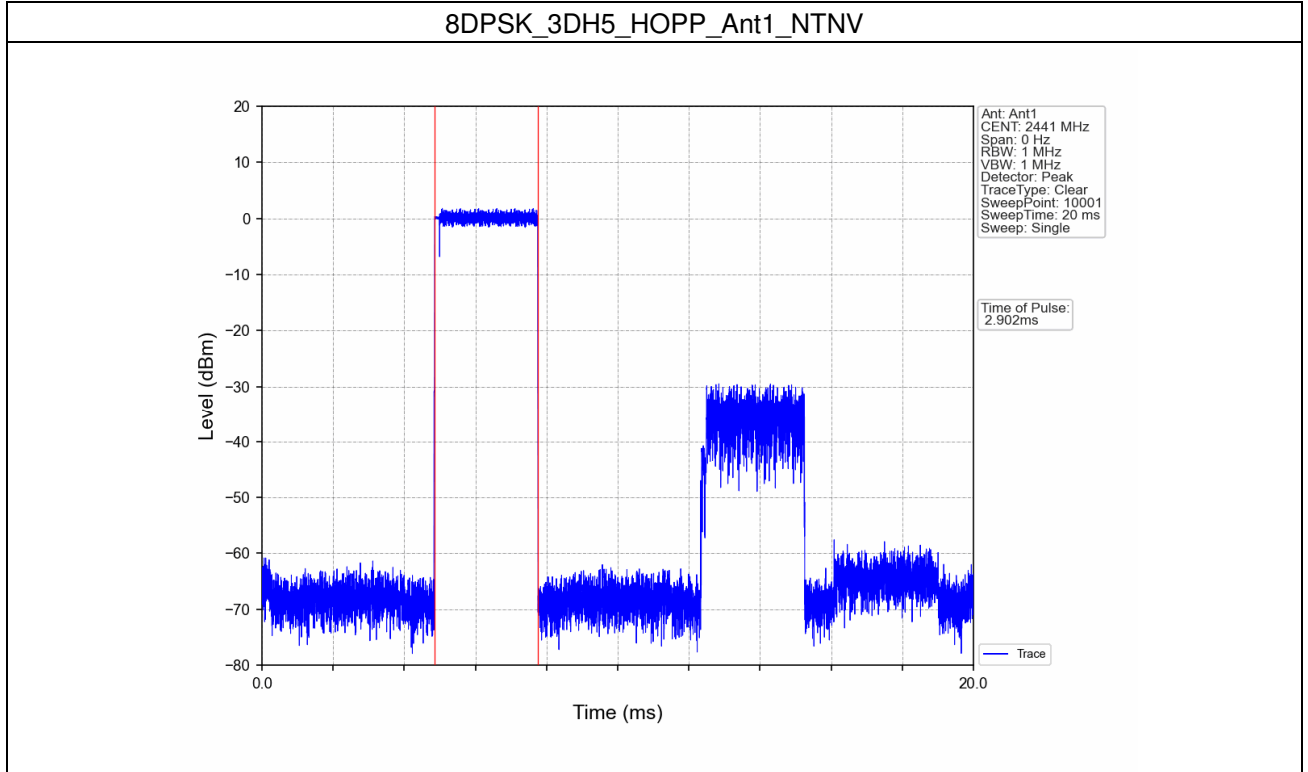


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7. Unwanted Emissions In Non-restricted Frequency Bands

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	1.40
		2441	DH5	1	2.35
		2480	DH5	1	1.79
Pi/4DQPSK	SISO	2402	2DH5	1	-0.89
		2441	2DH5	1	0.11
		2480	2DH5	1	-0.52
8DPSK	SISO	2402	3DH5	1	-0.86
		2441	3DH5	1	0.19
		2480	3DH5	1	-0.45

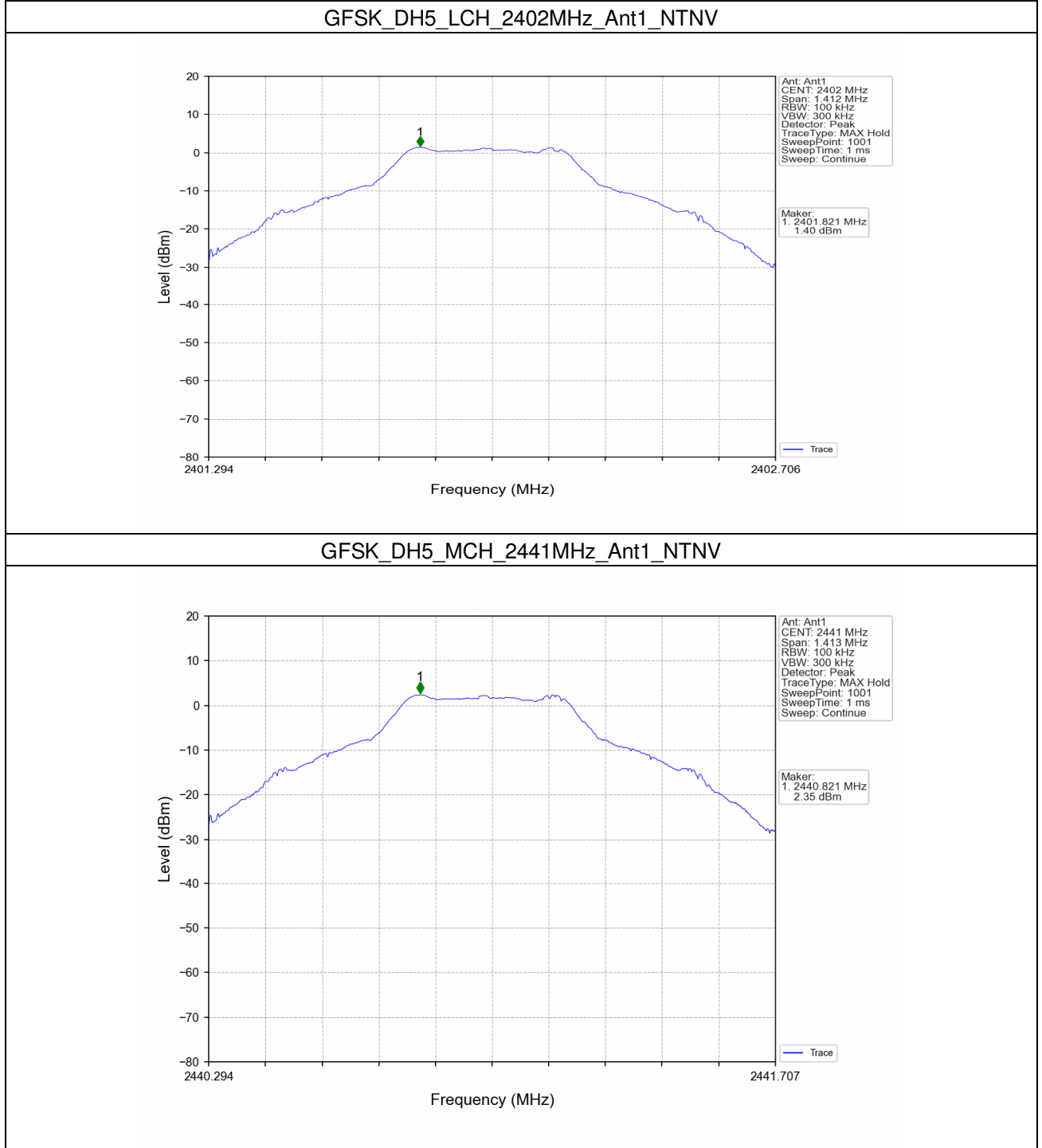
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.



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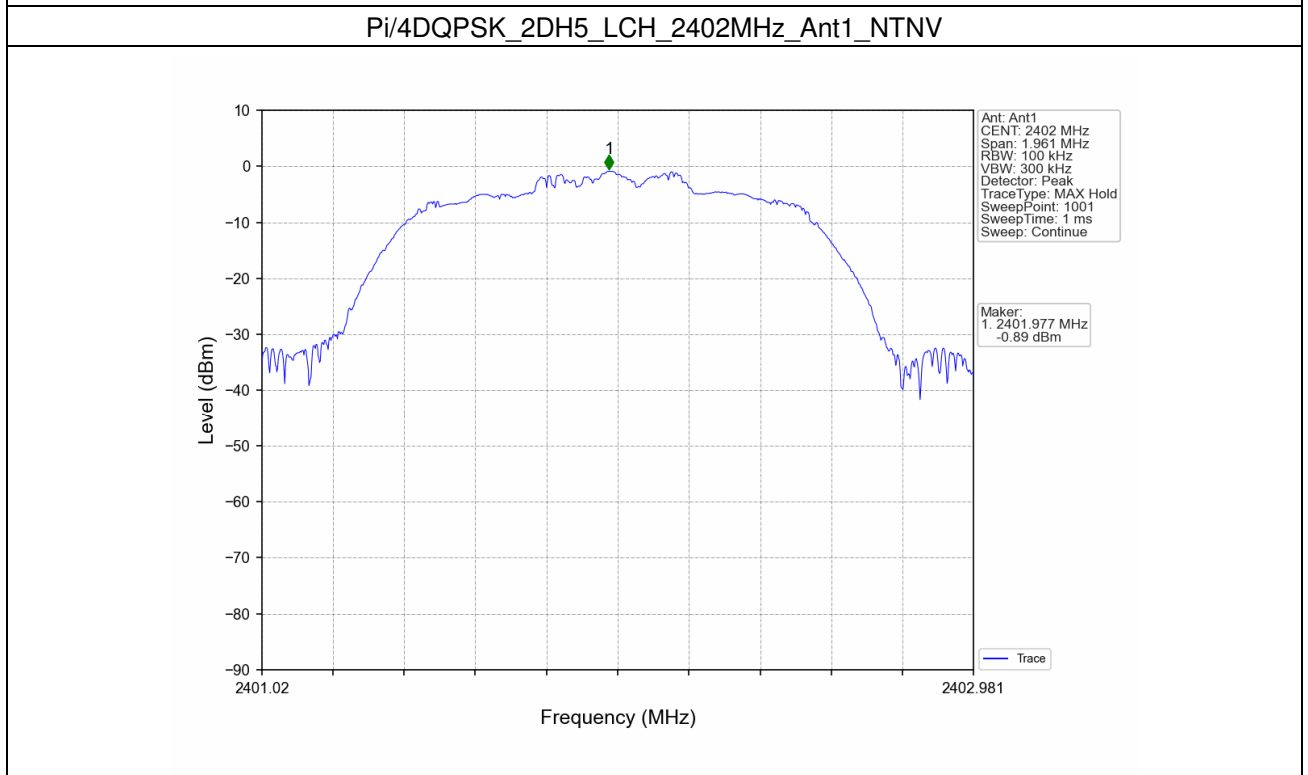
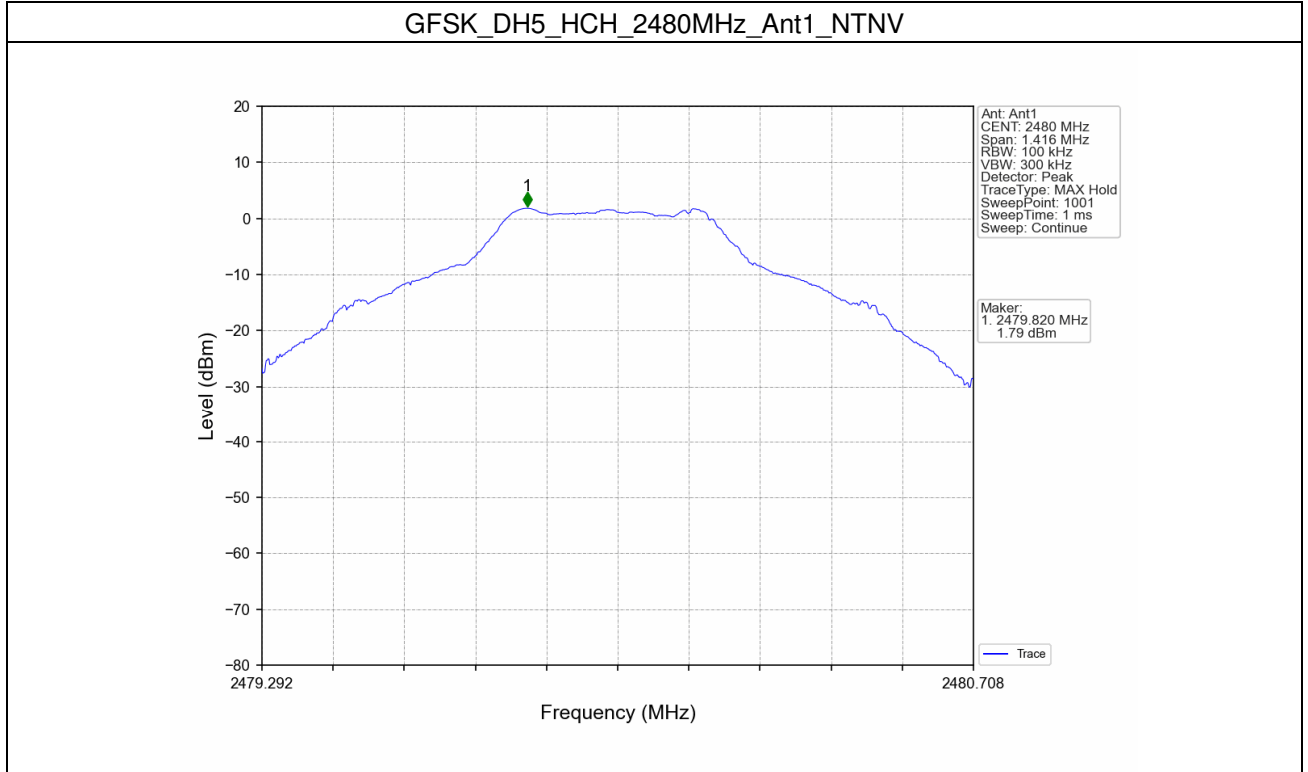
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7.1.2 Test Graph



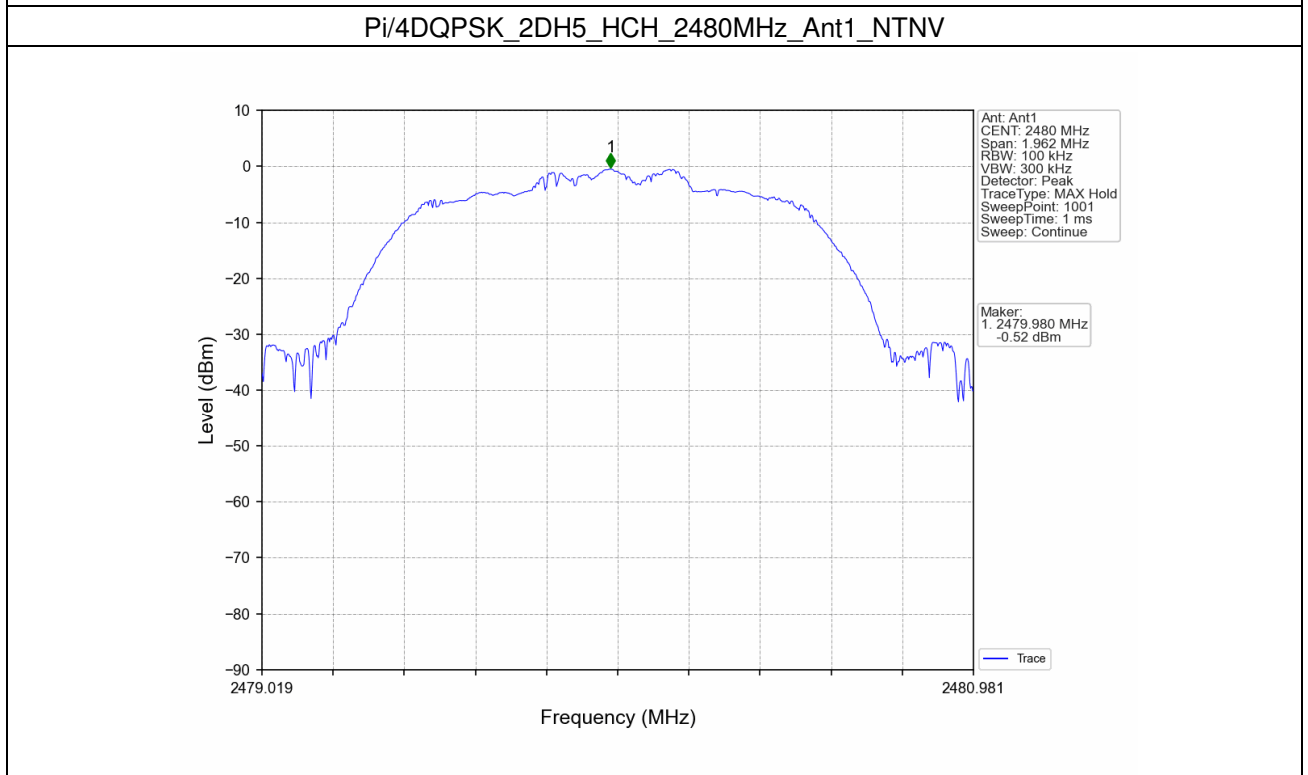
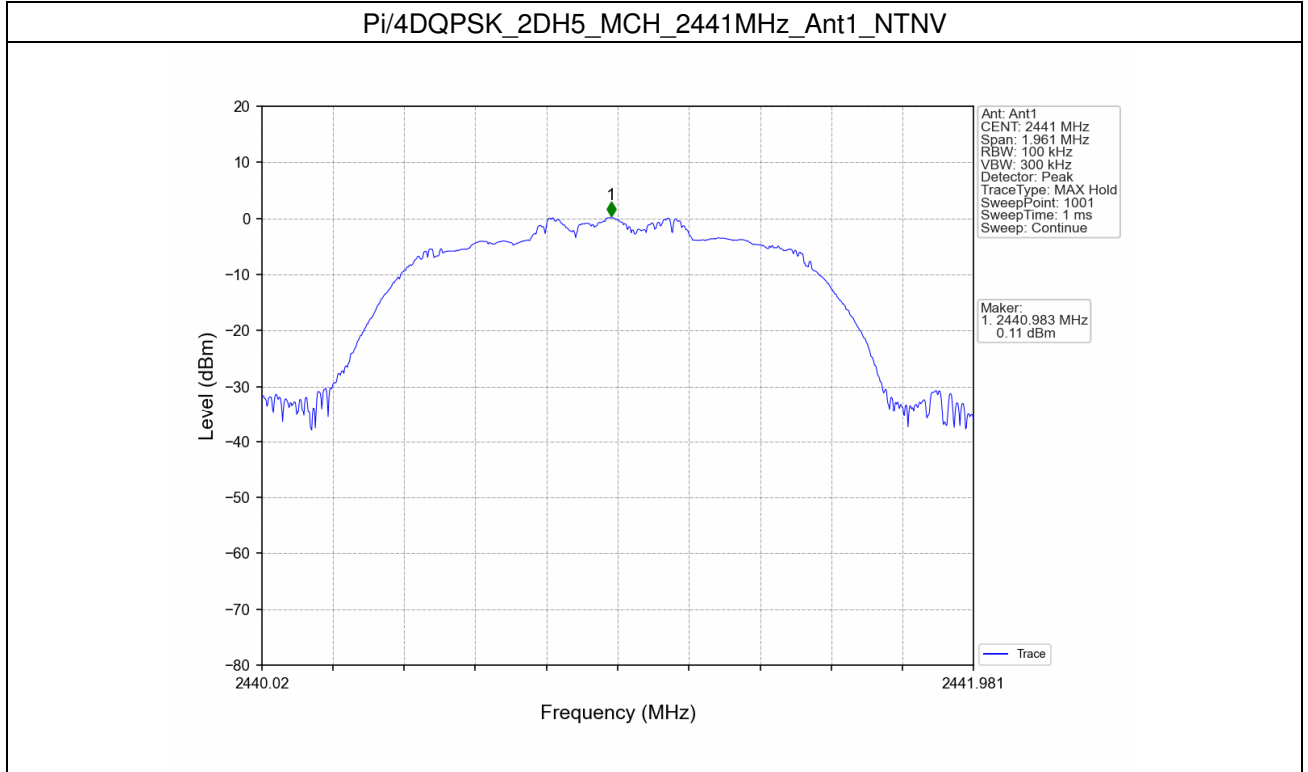
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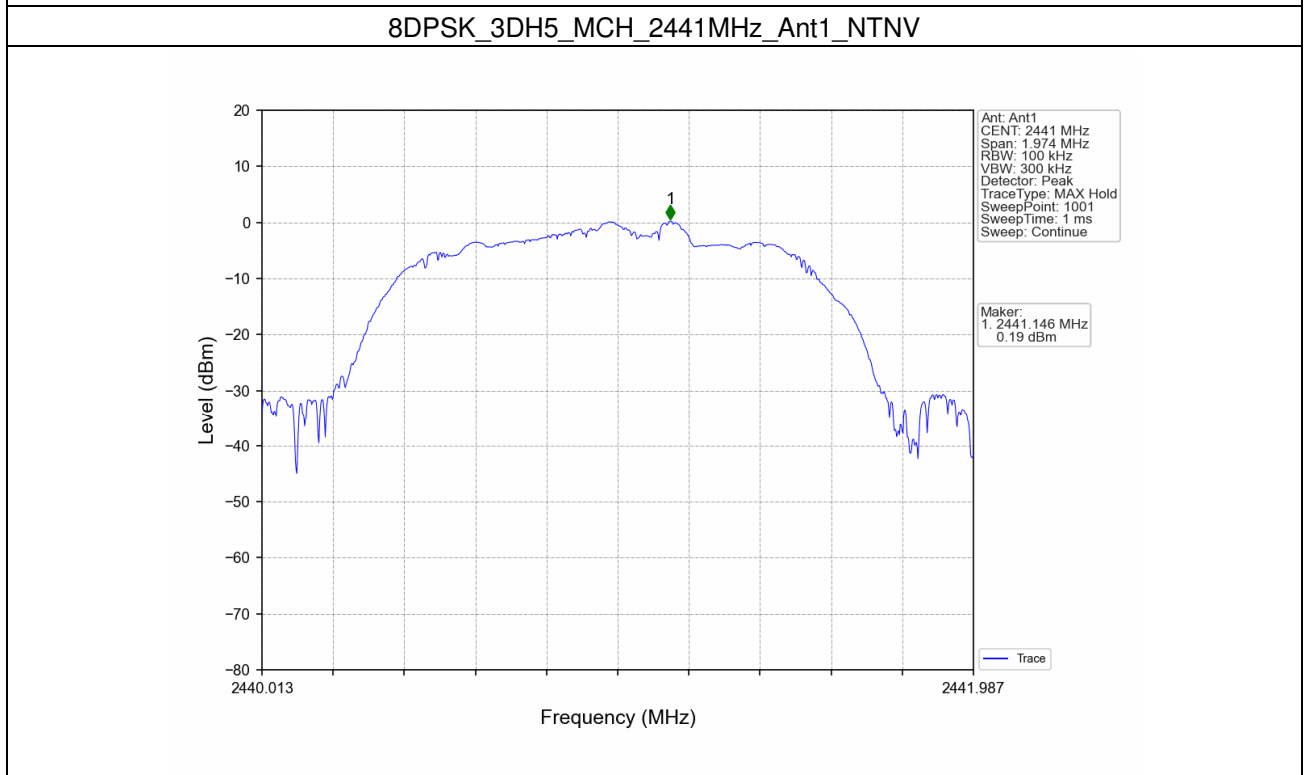
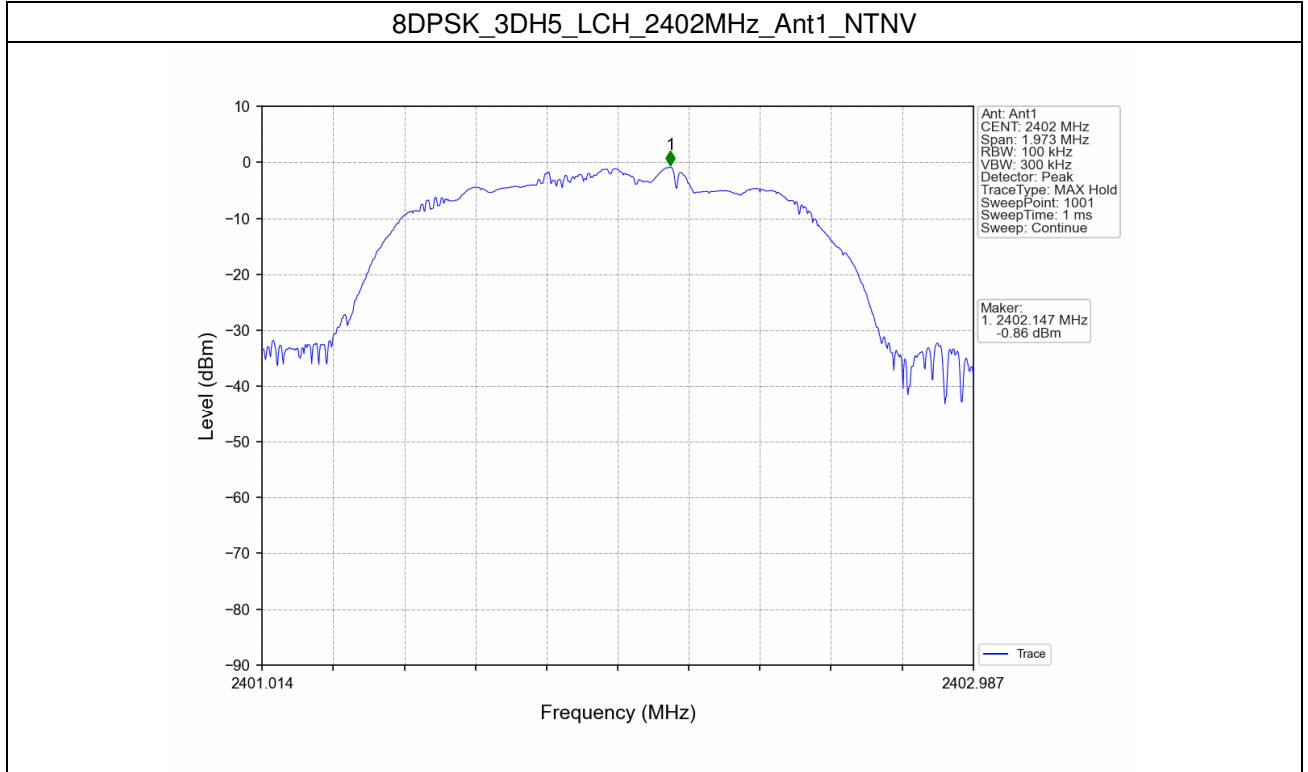


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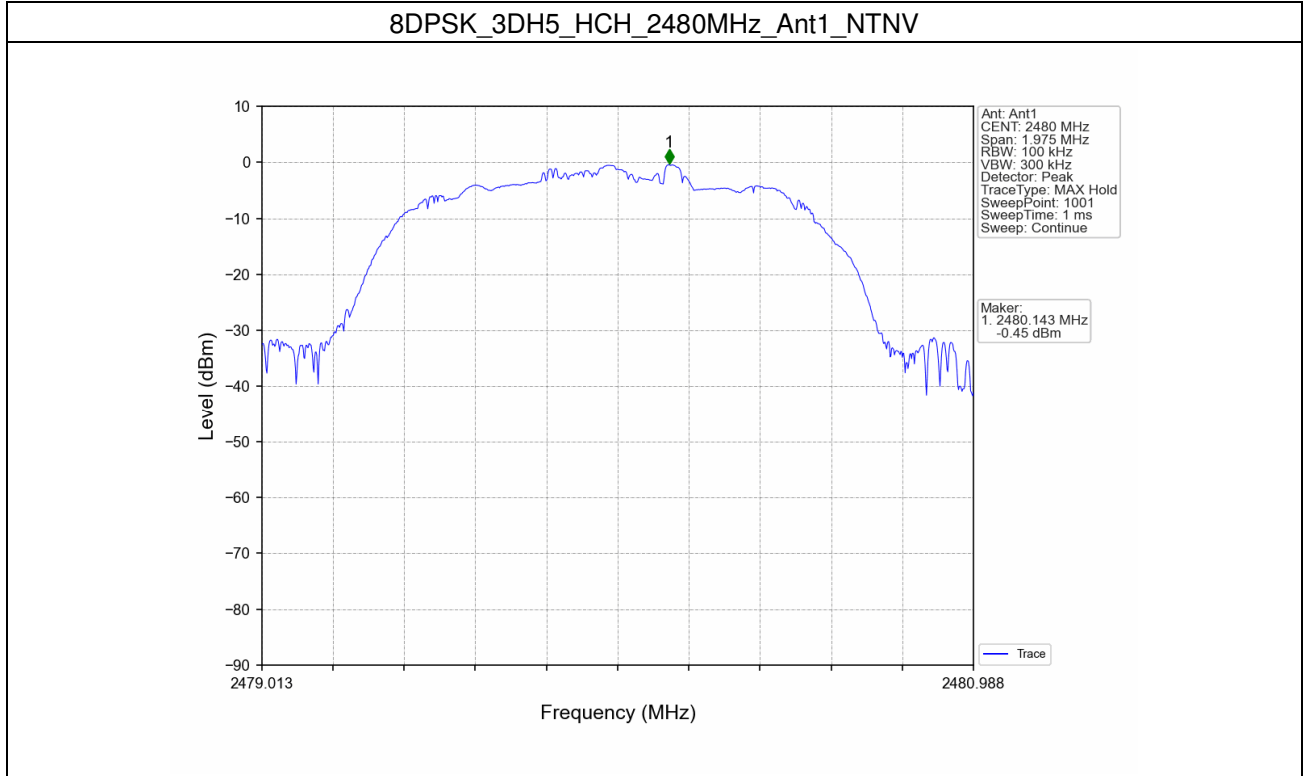


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SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047202

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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	2.35	-17.65	Pass
		2441	DH5	1	2.35	-17.65	Pass
		2480	DH5	1	2.35	-17.65	Pass
		HOPP	DH5	1	2.35	-17.65	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	0.11	-19.89	Pass
		2441	2DH5	1	0.11	-19.89	Pass
		2480	2DH5	1	0.11	-19.89	Pass
		HOPP	2DH5	1	0.11	-19.89	Pass
8DPSK	SISO	2402	3DH5	1	0.19	-19.81	Pass
		2441	3DH5	1	0.19	-19.81	Pass
		2480	3DH5	1	0.19	-19.81	Pass
		HOPP	3DH5	1	0.19	-19.81	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.

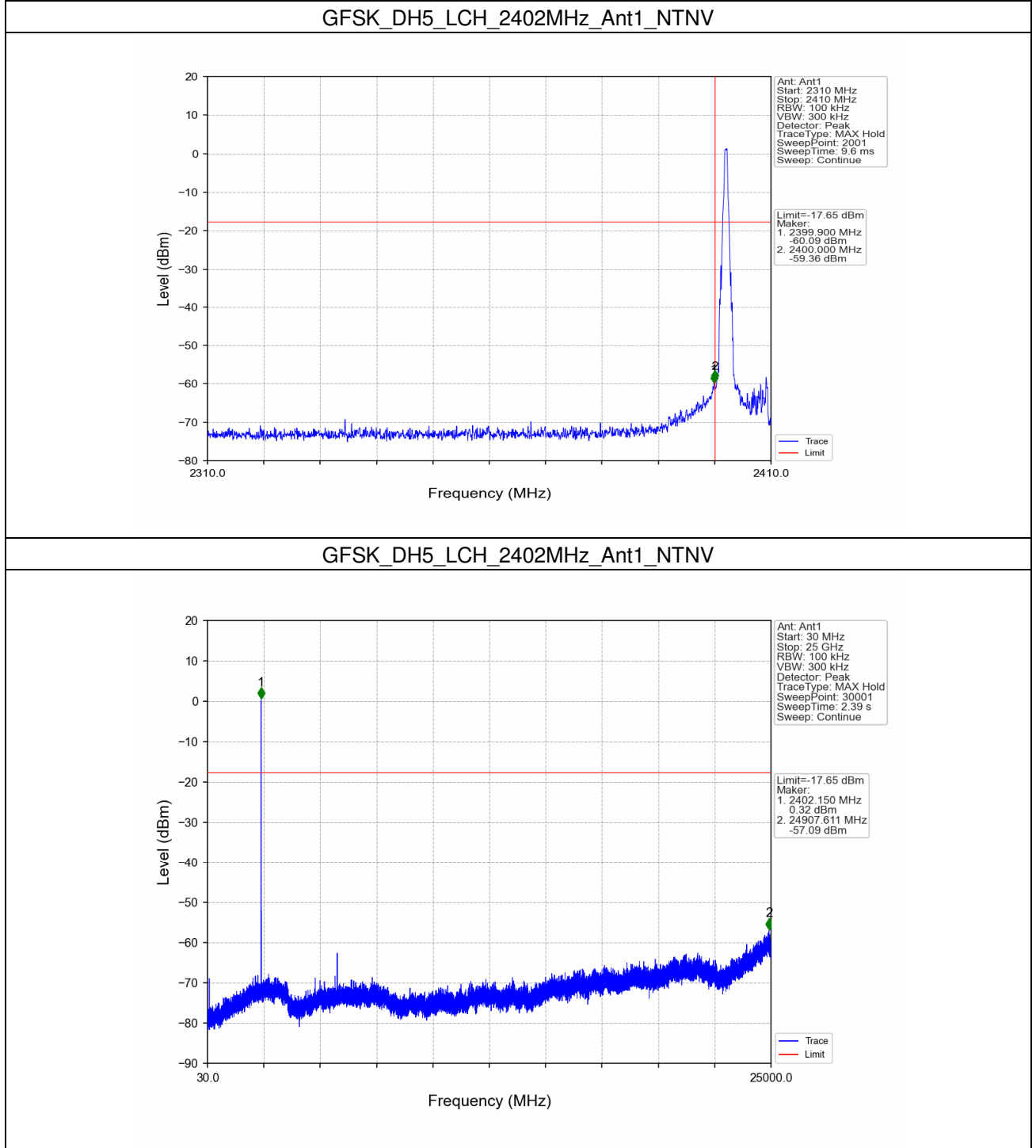


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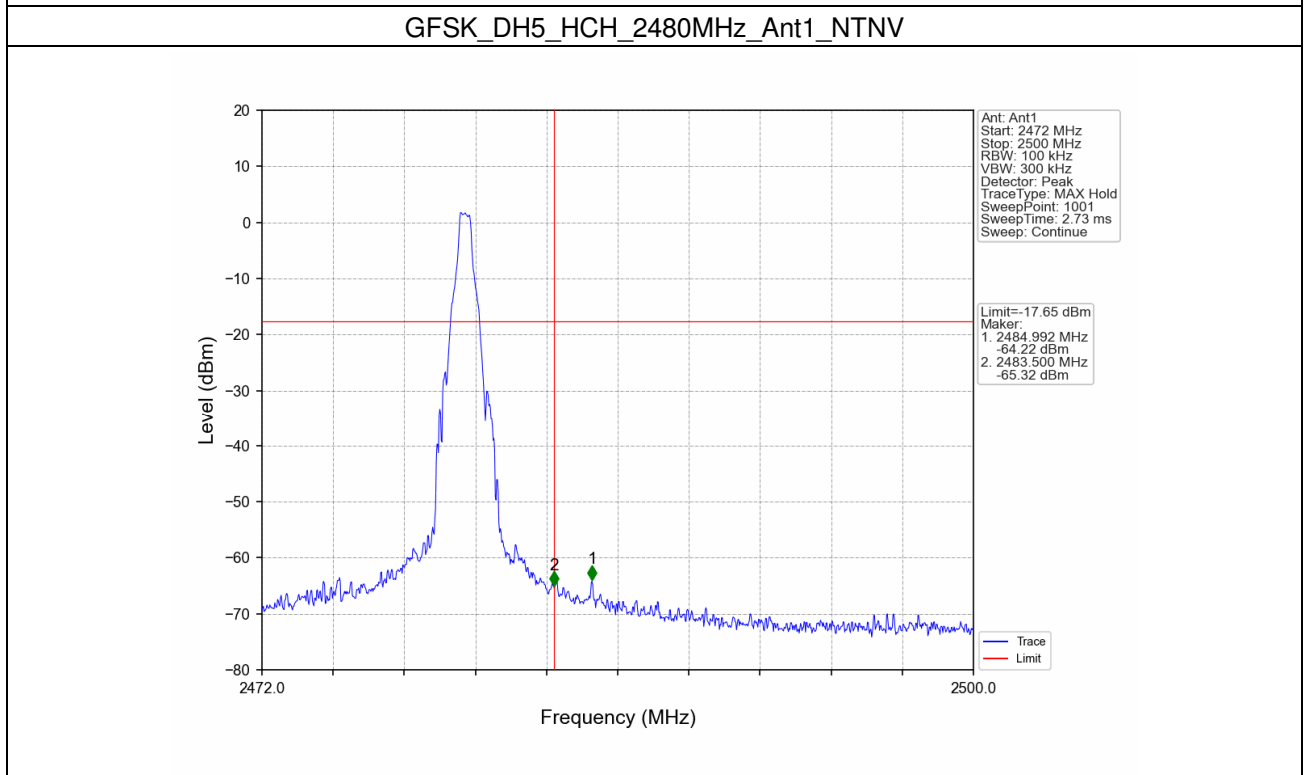
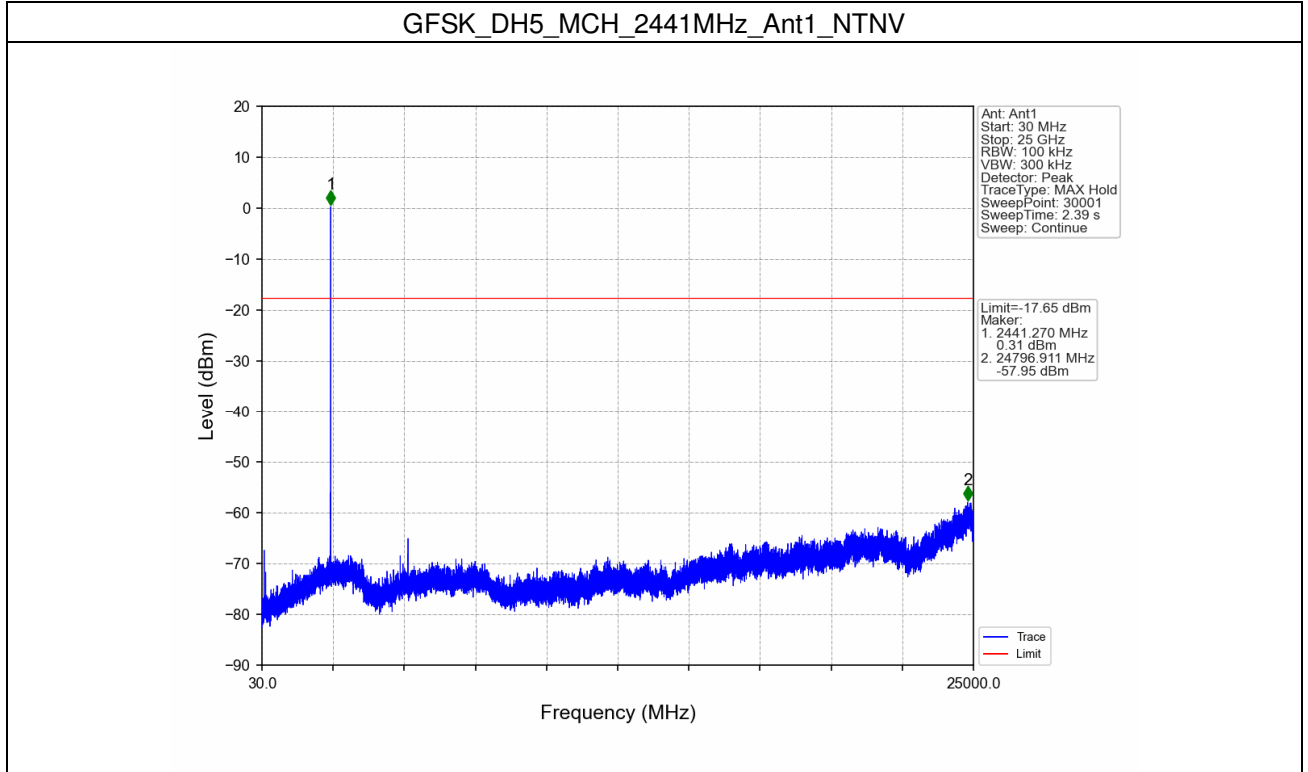
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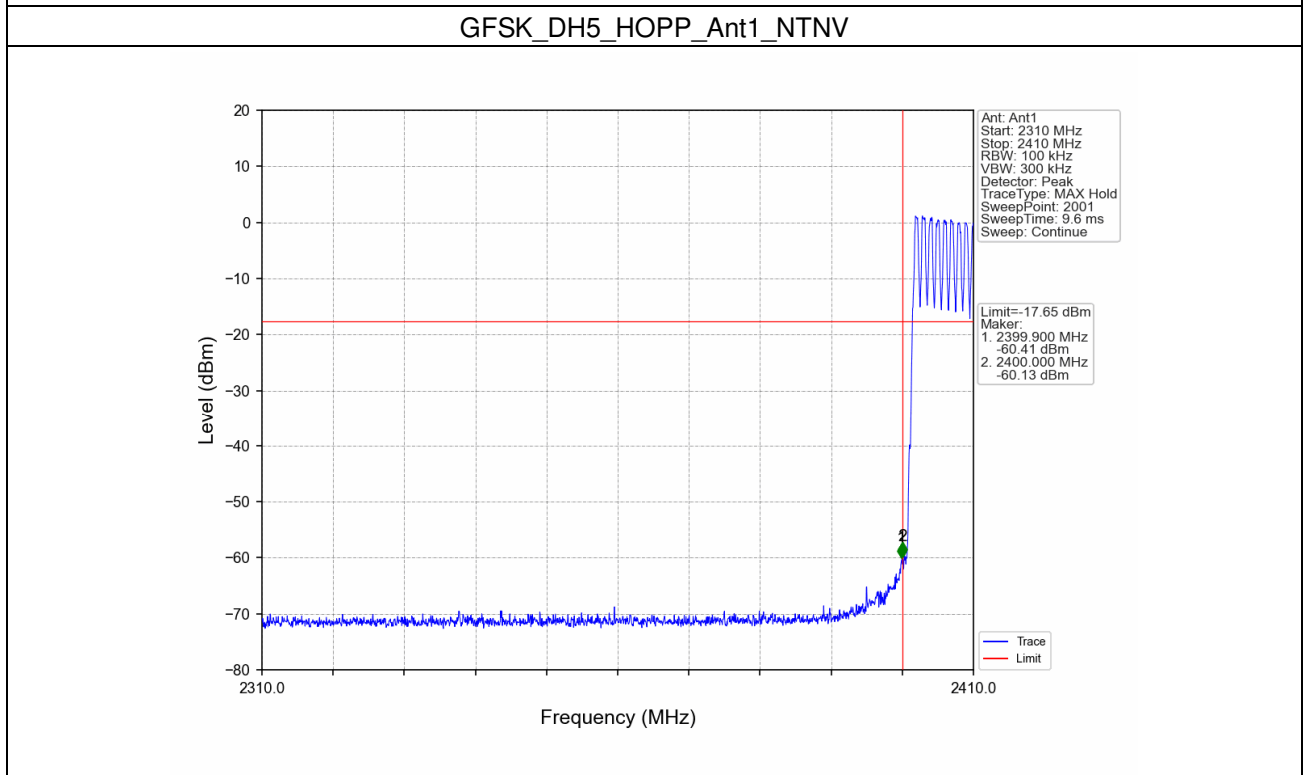
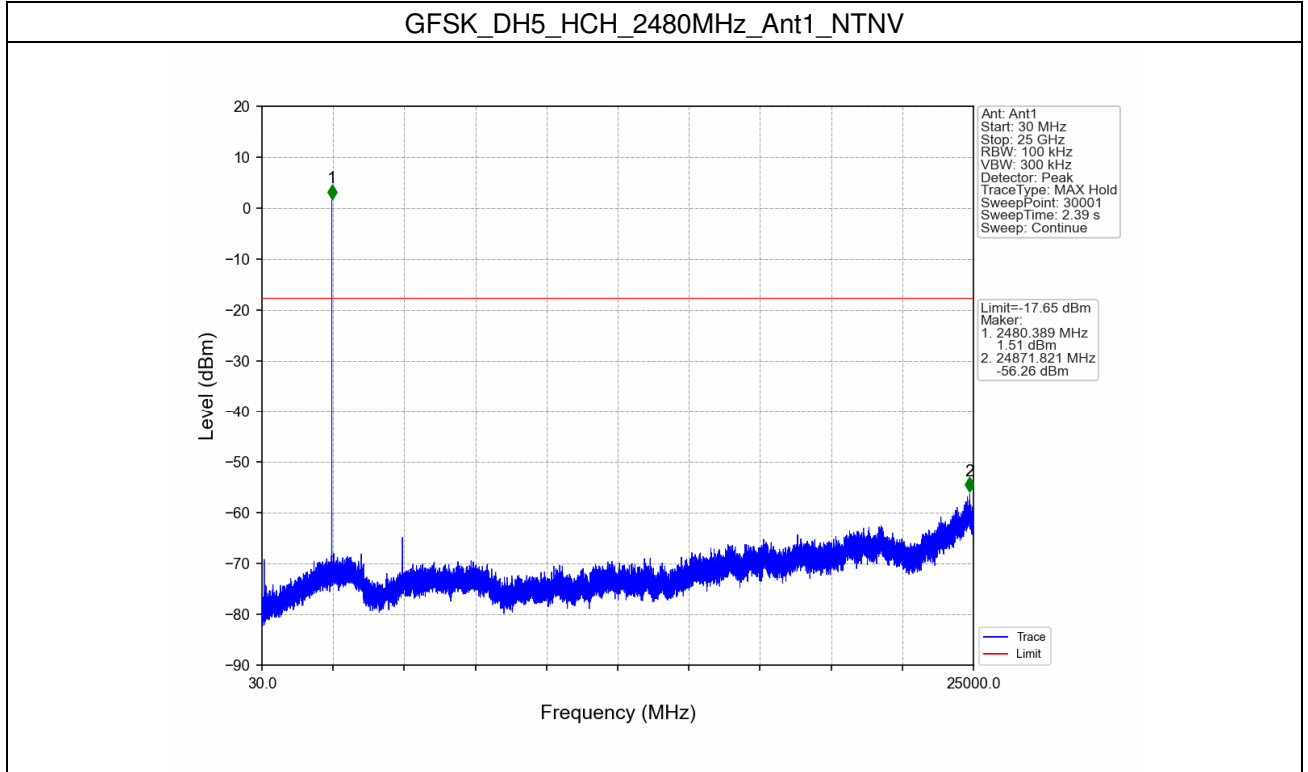
7.2.2 Test Graph



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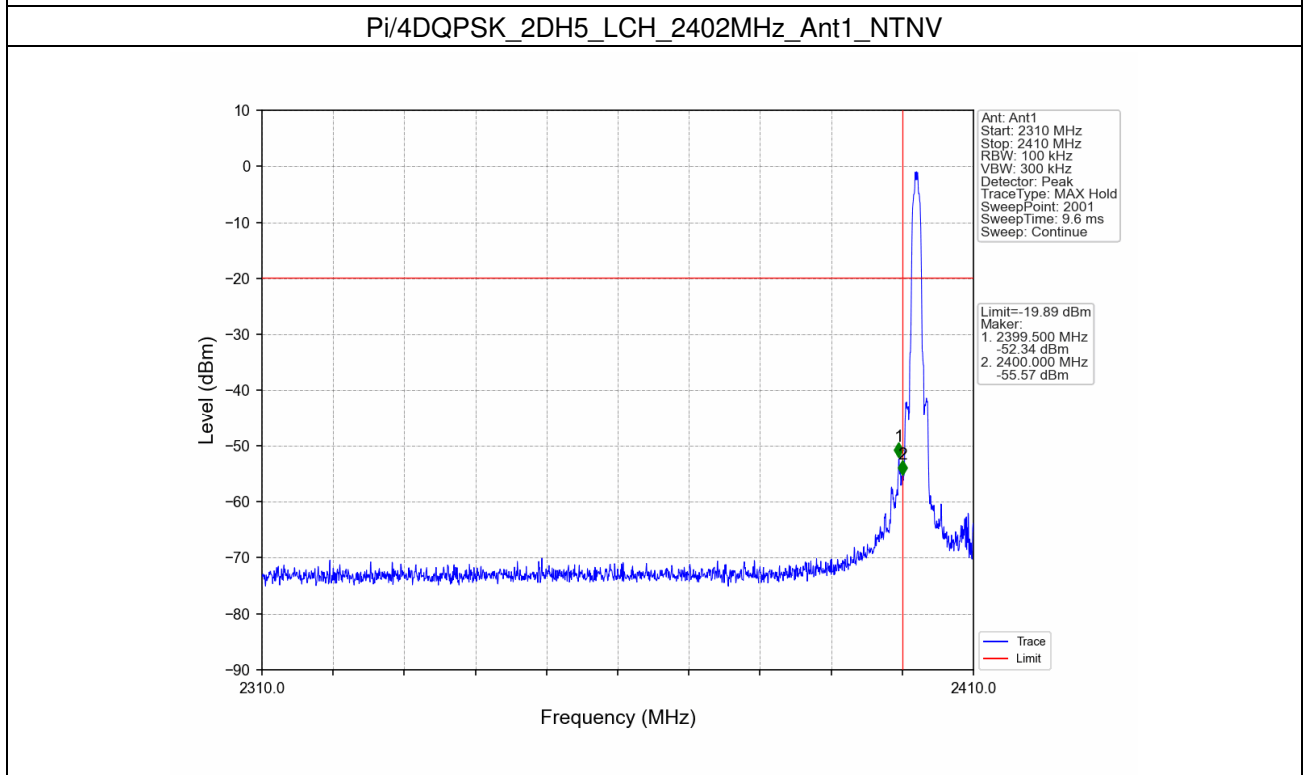
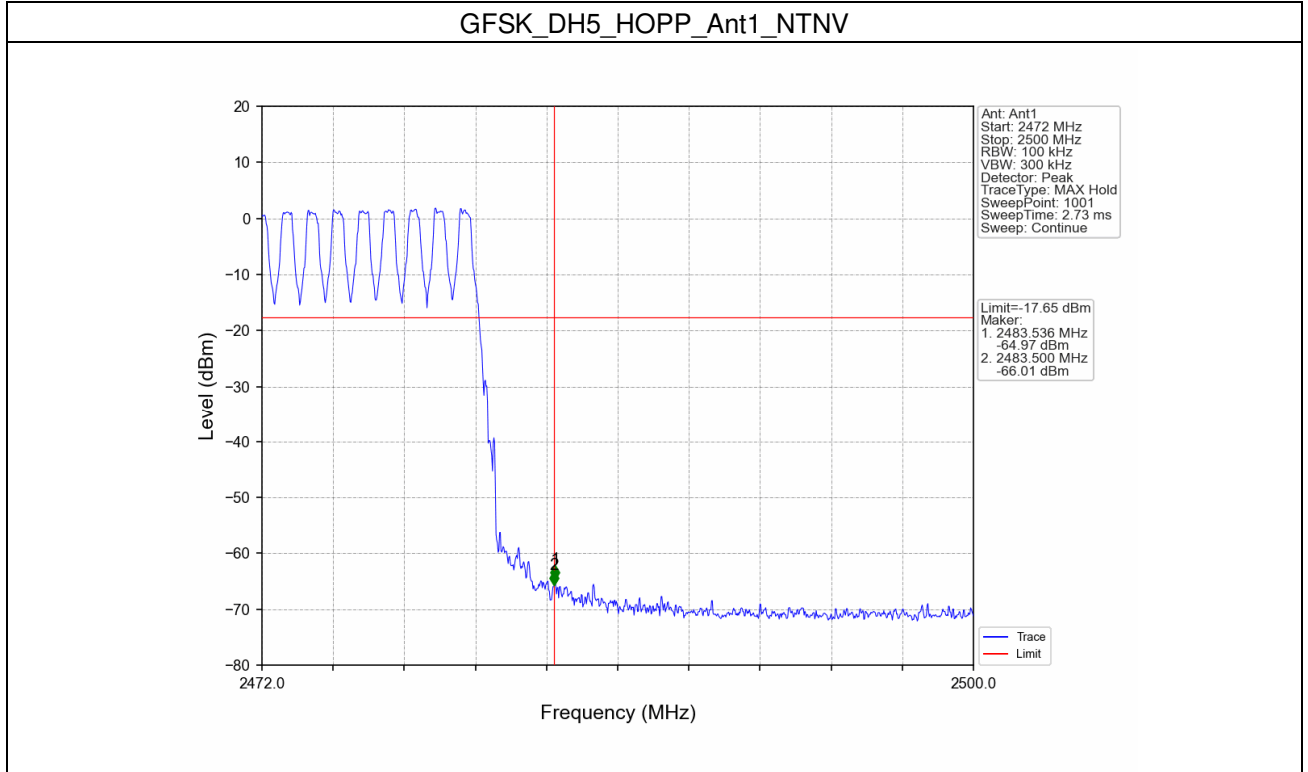


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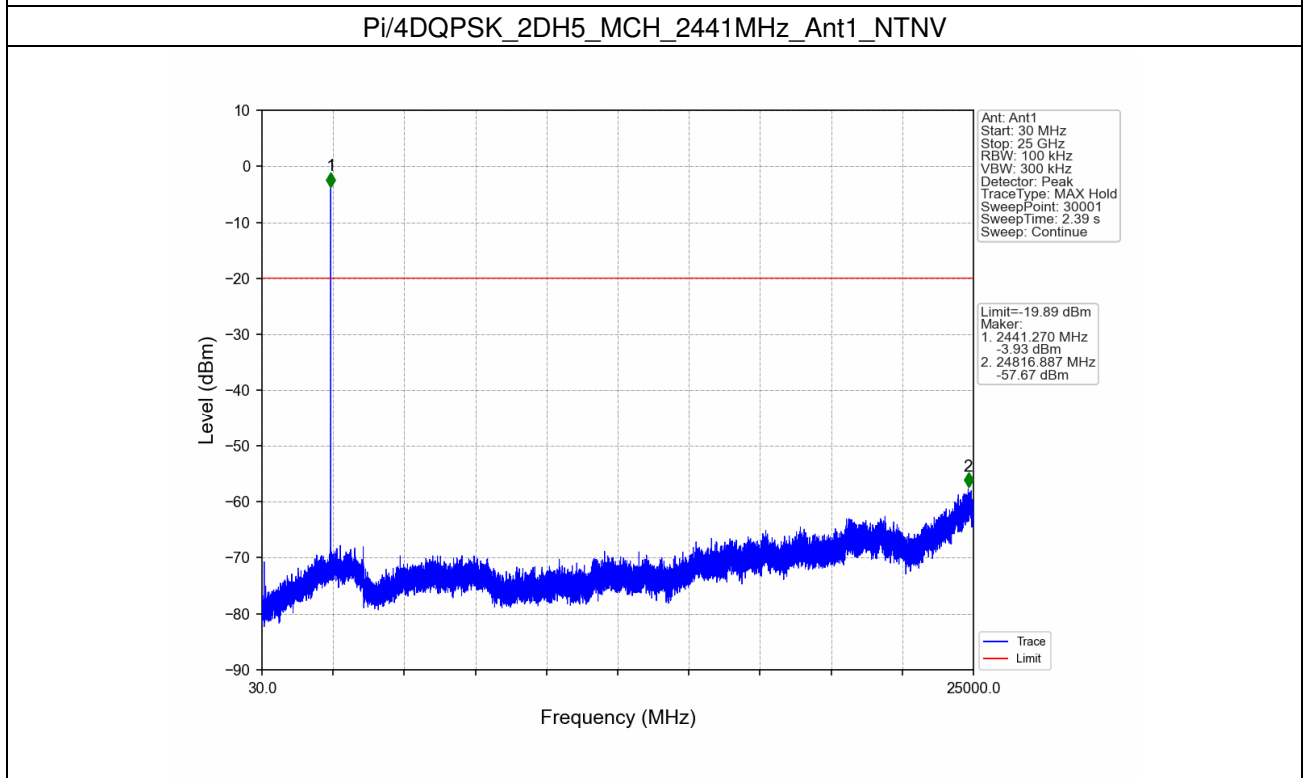
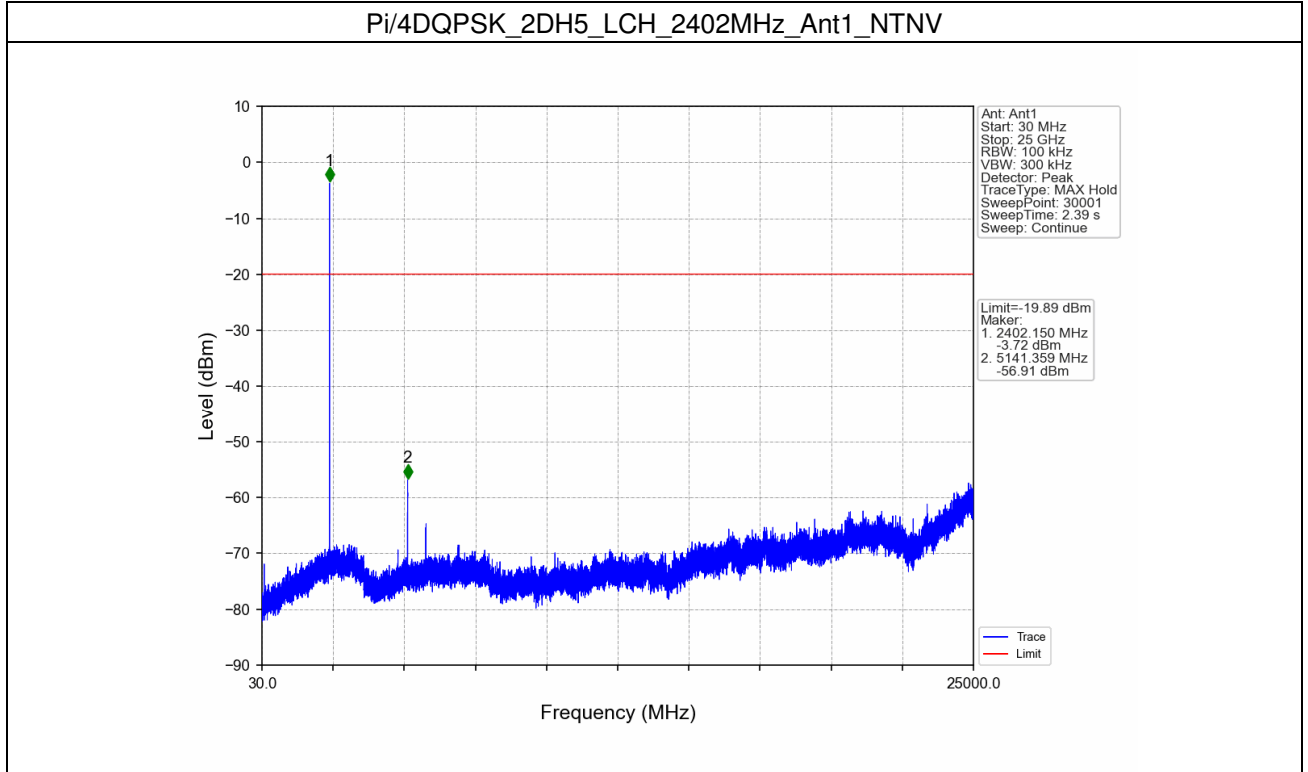


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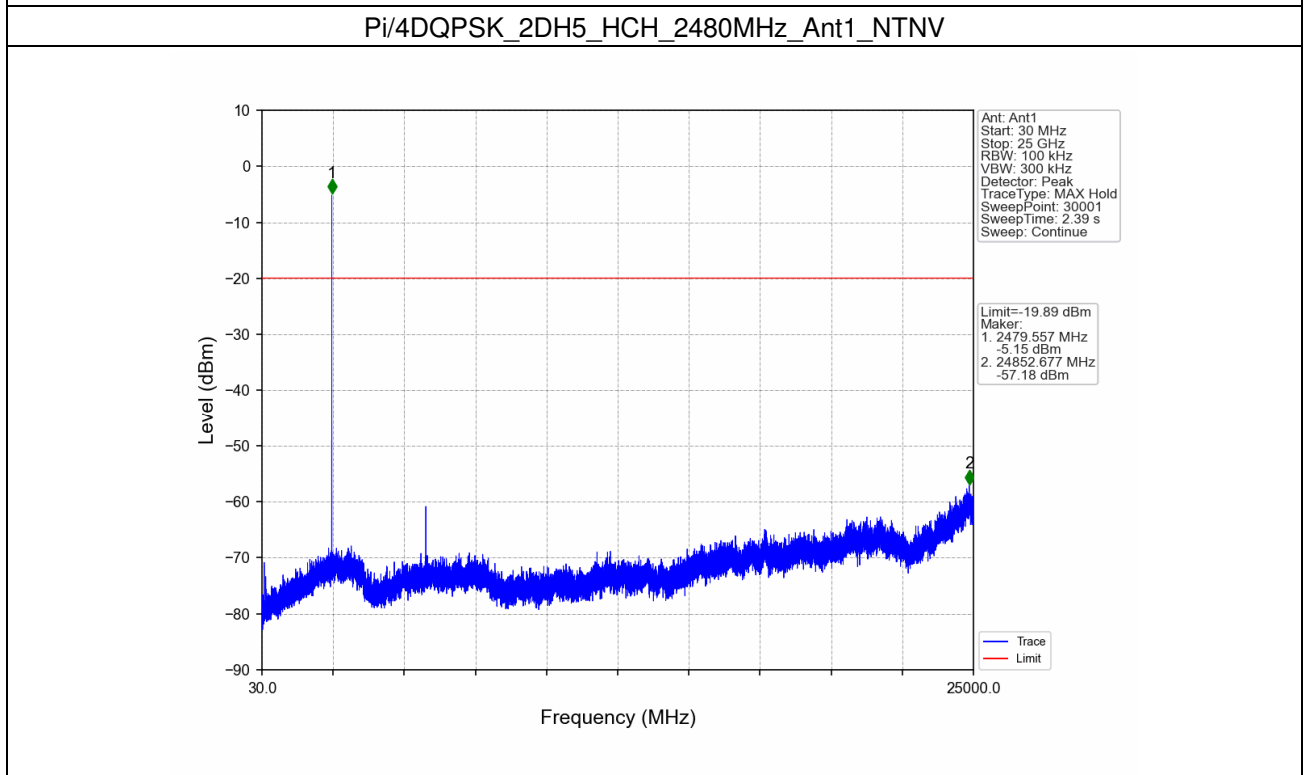
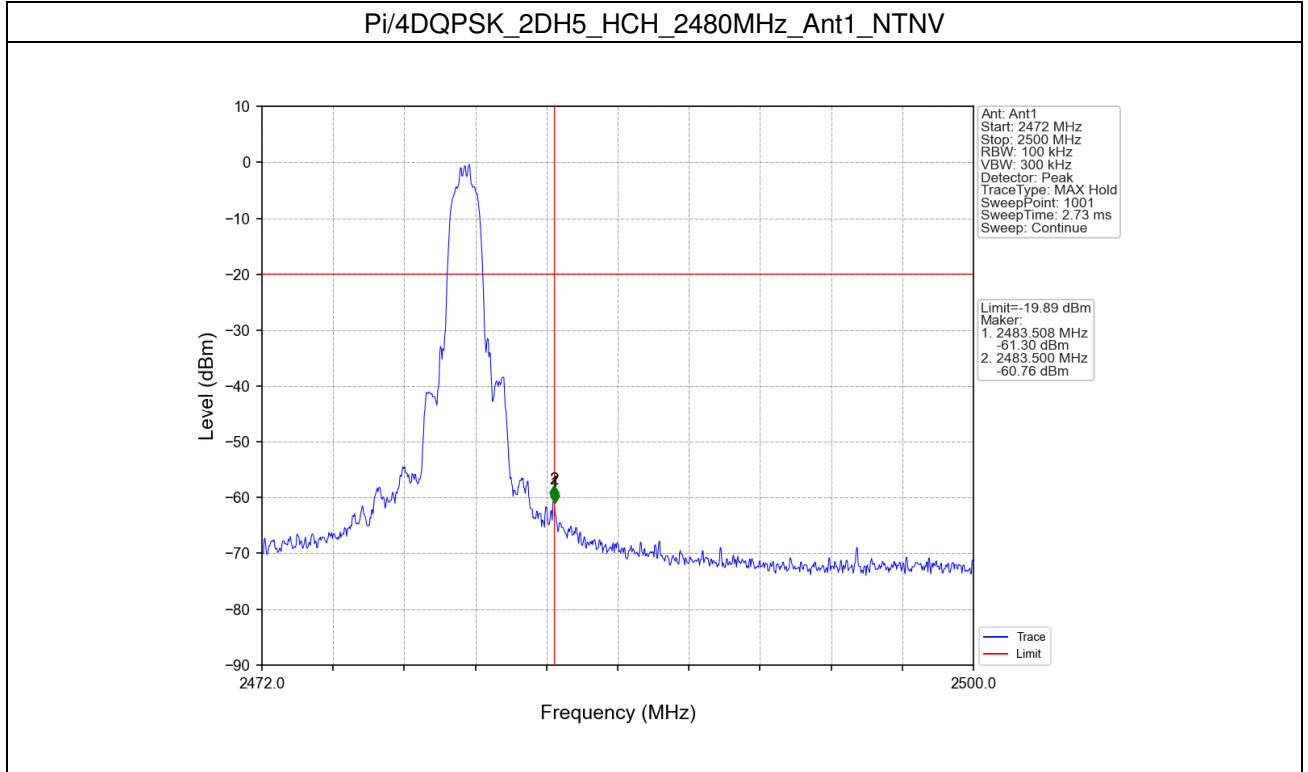


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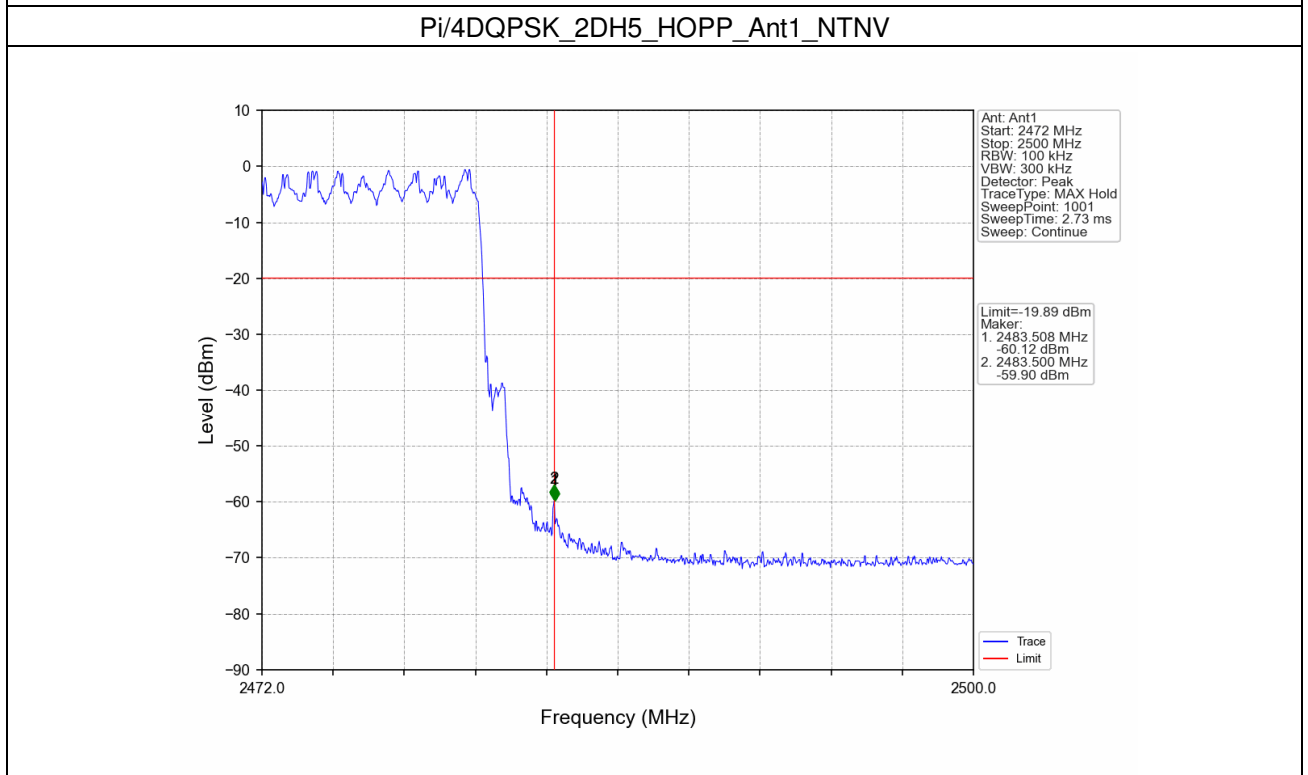
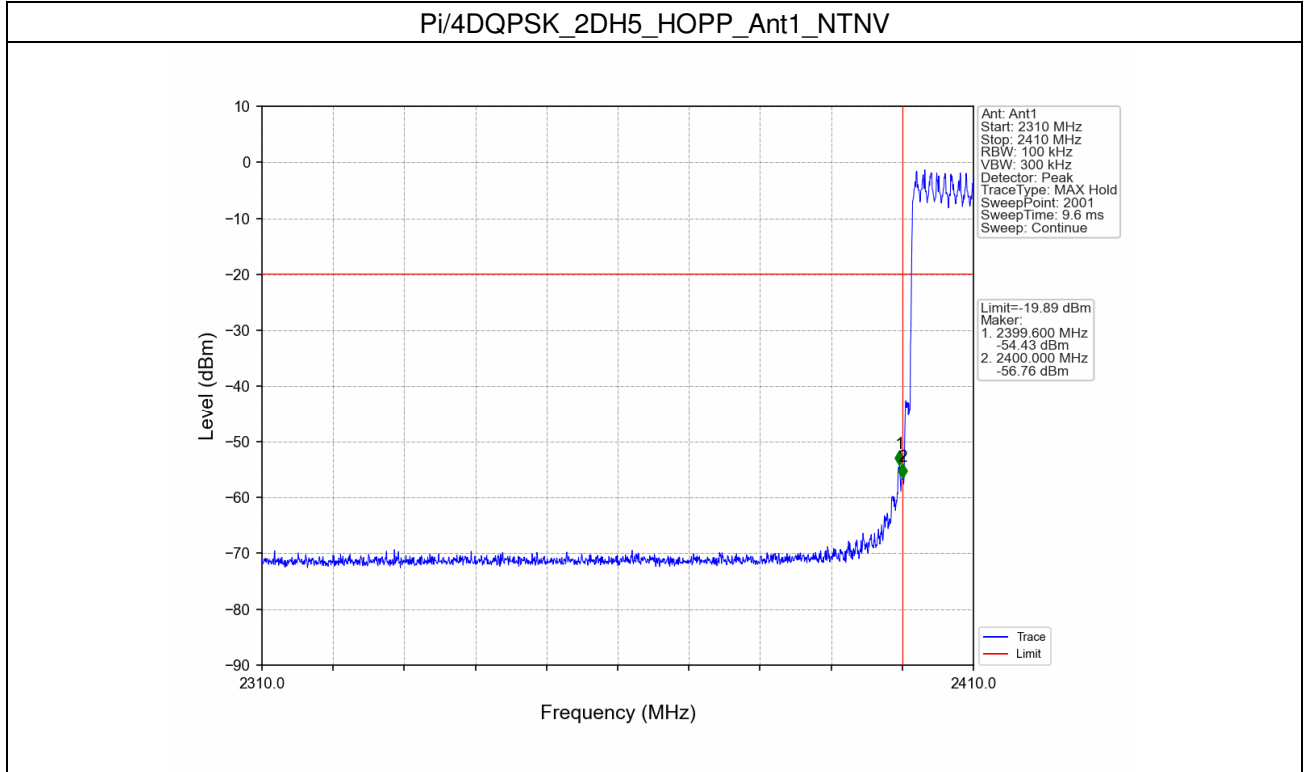


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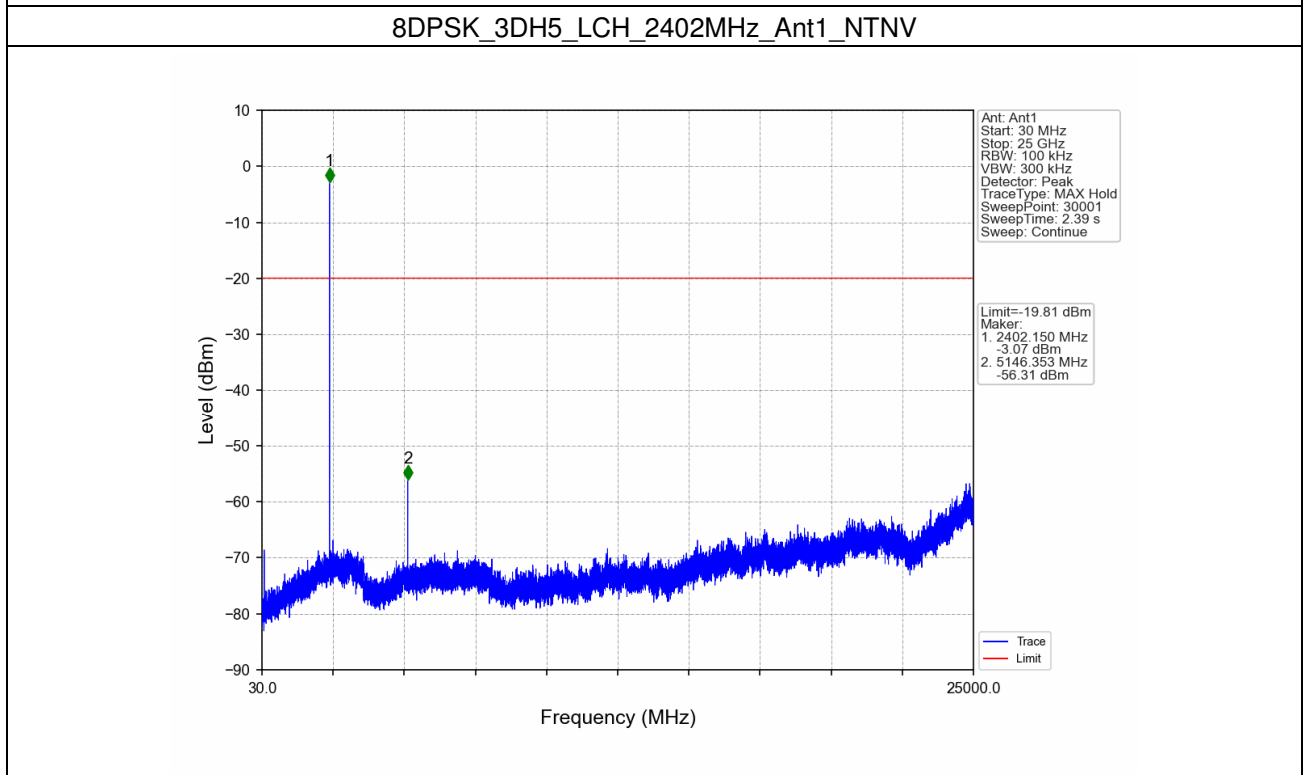
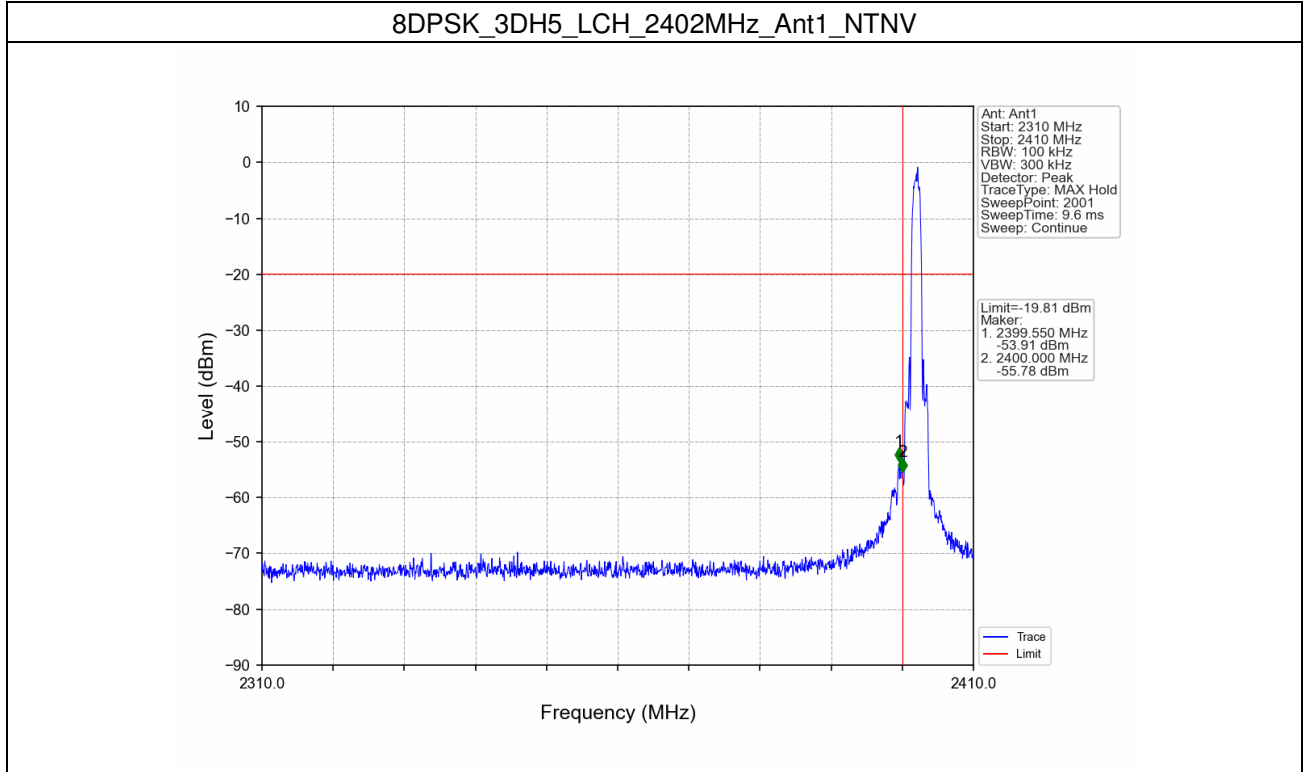
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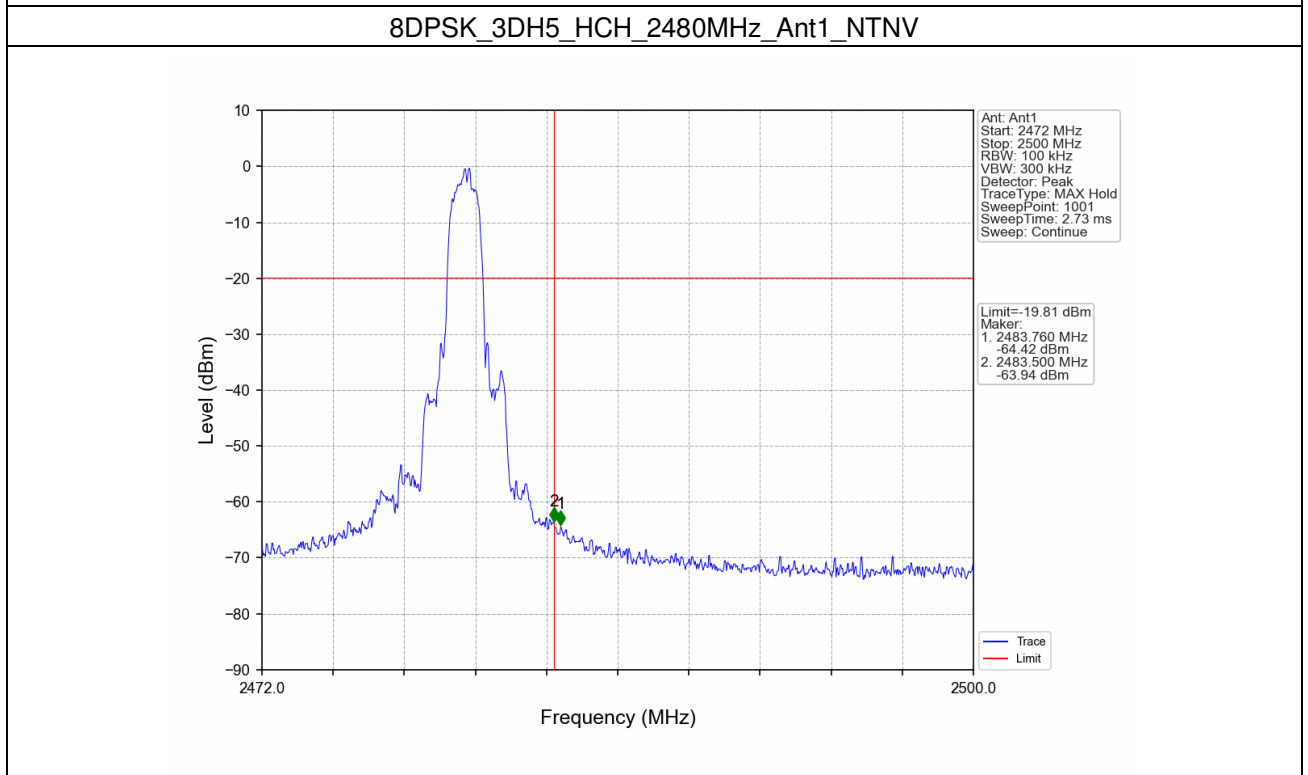
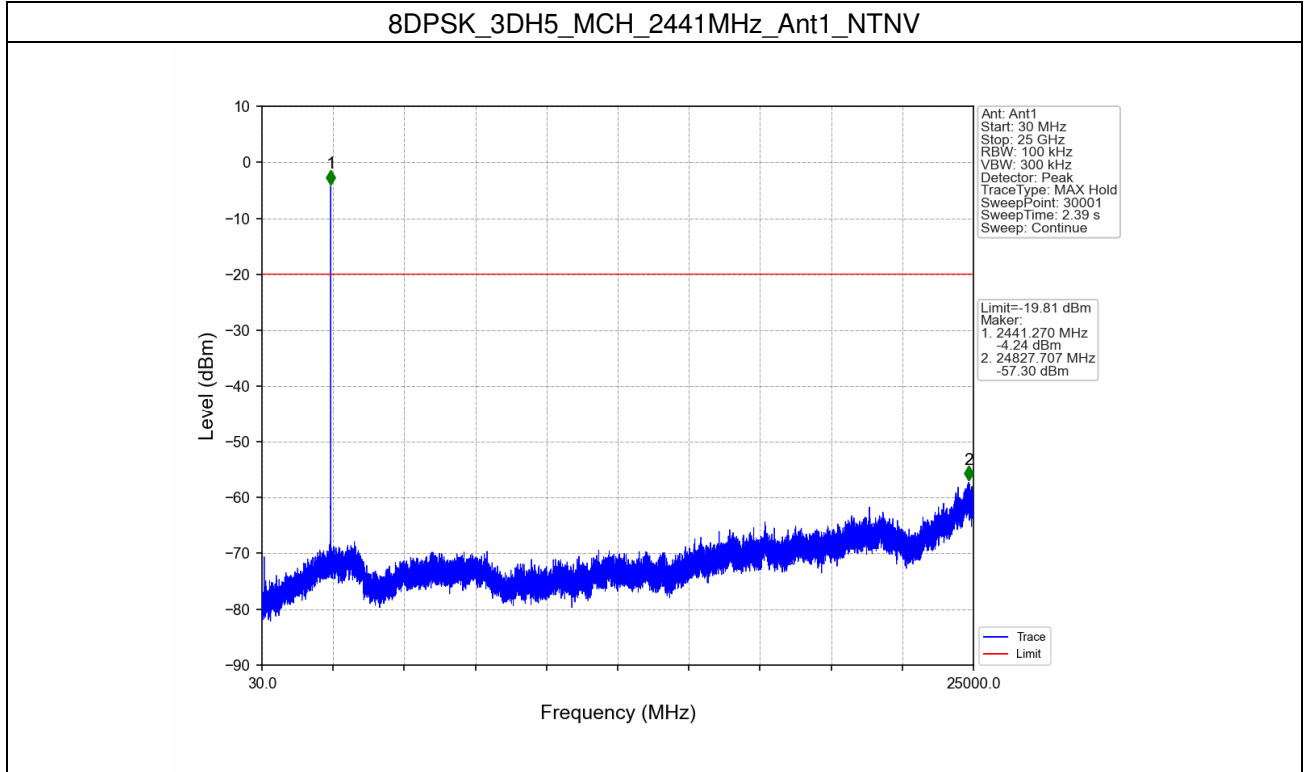
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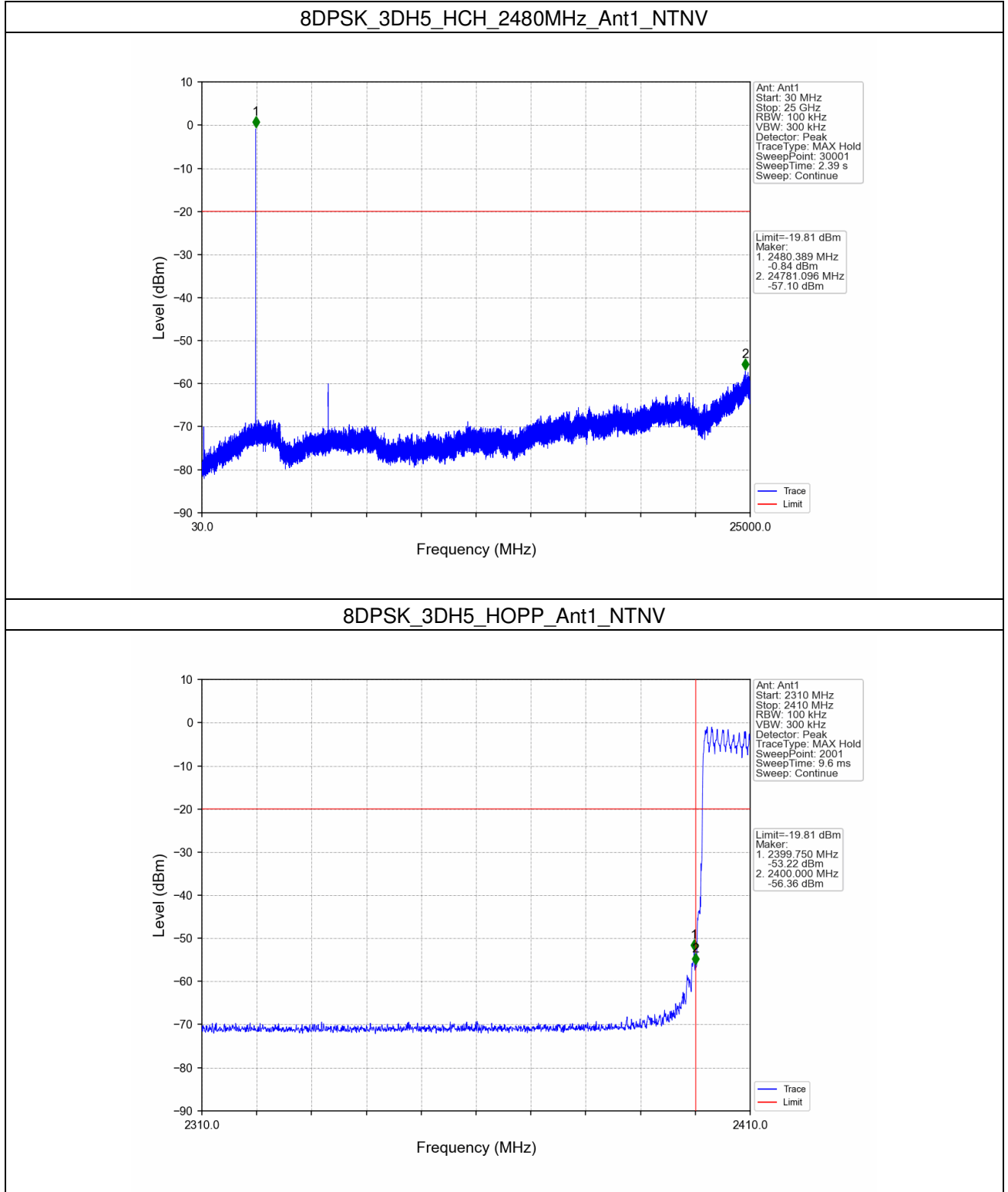
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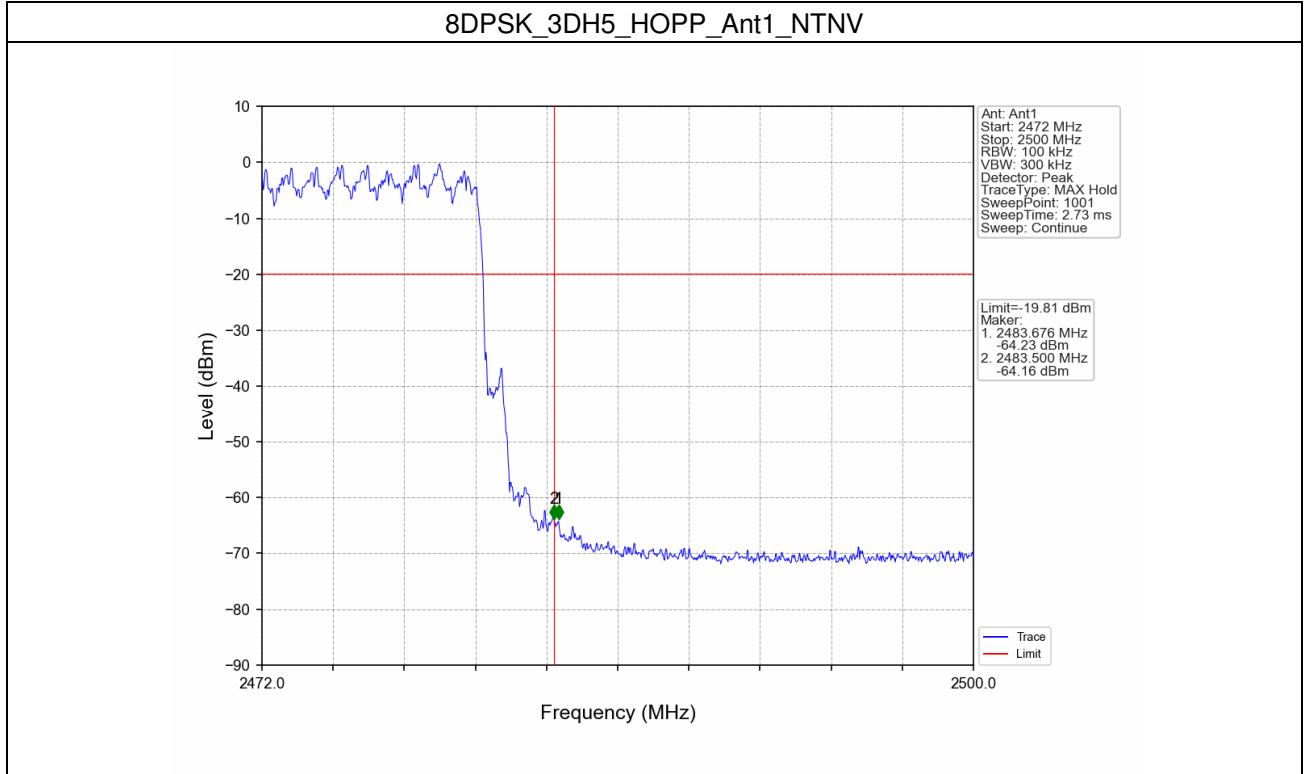
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