

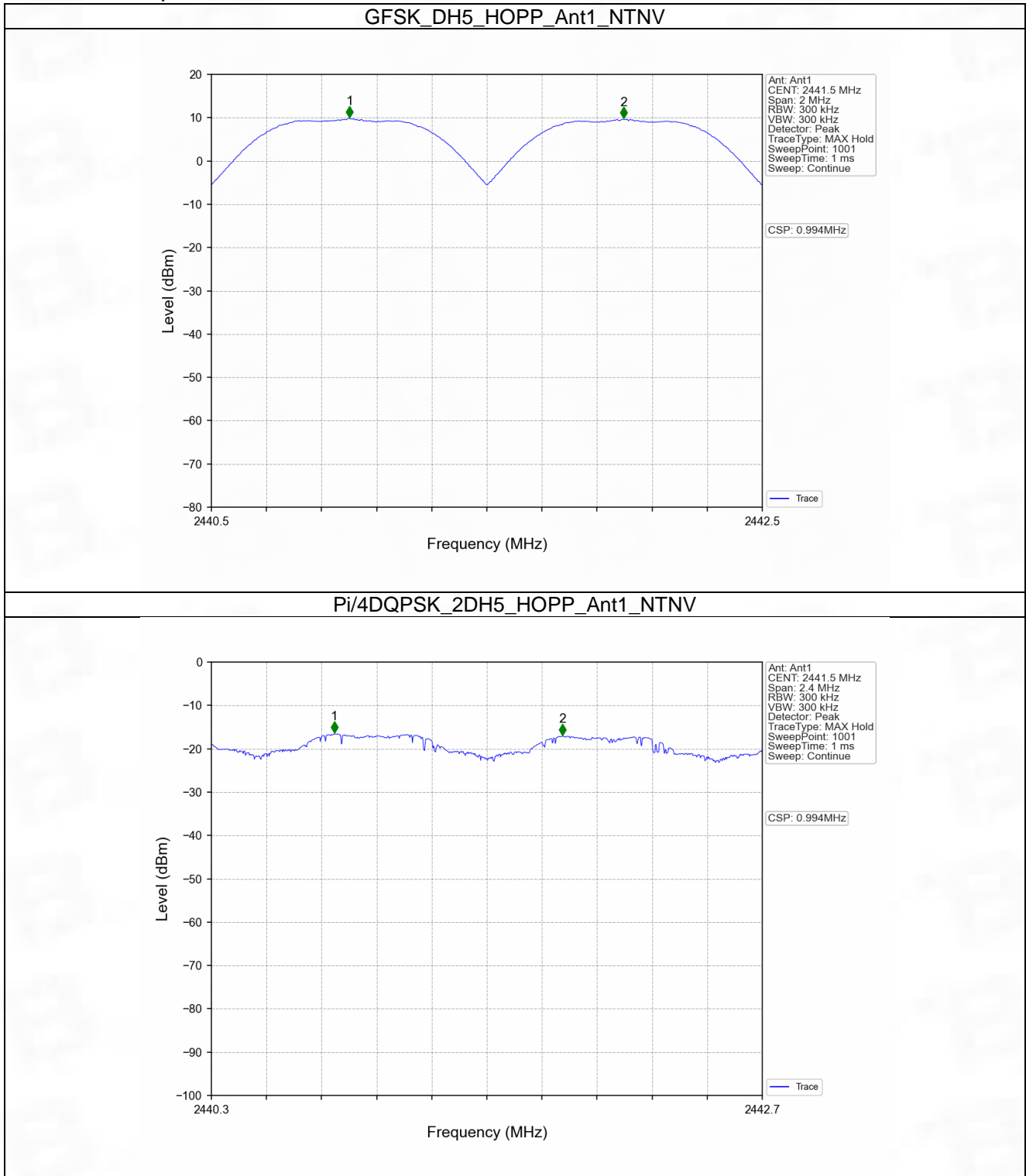
3. Carrier Frequency Separation

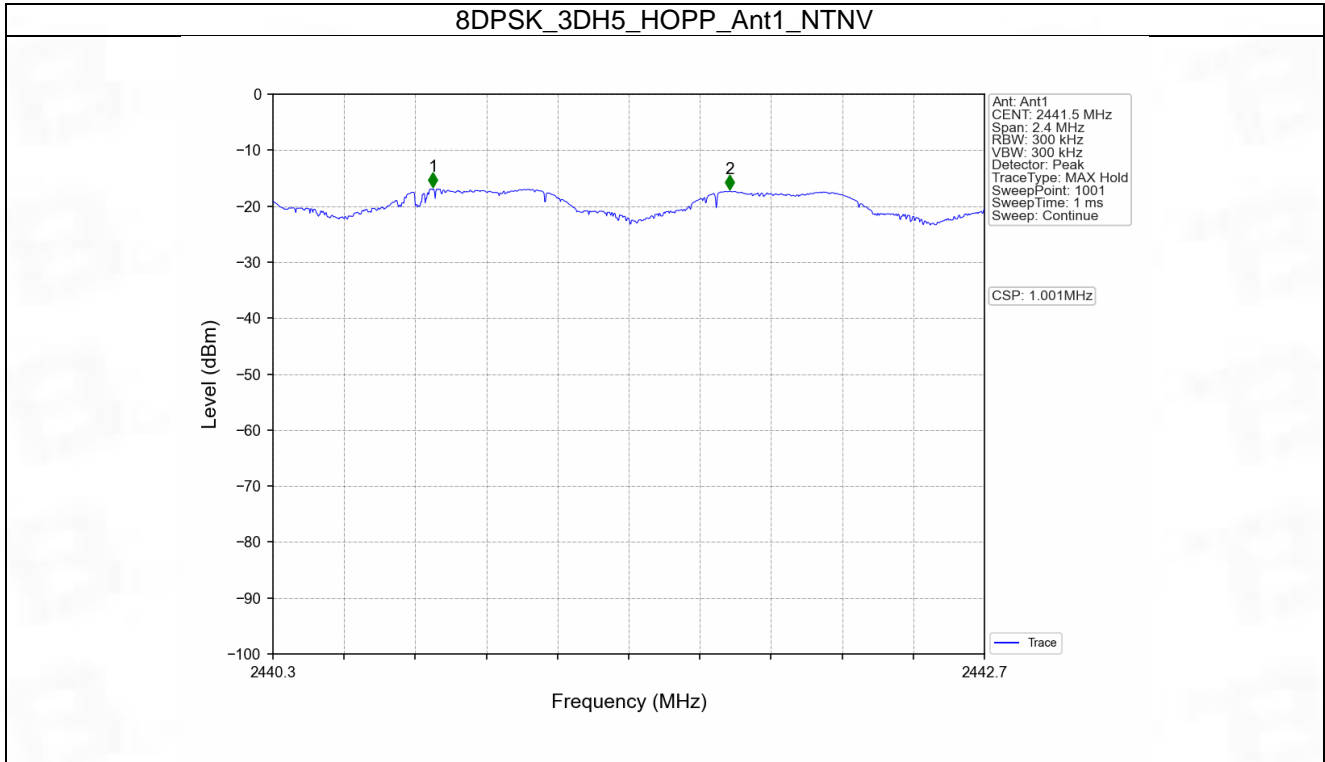
3.1 Ant1

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	0.994	0.843	≥ 0.843	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	0.994	1.280	≥ 0.853	Pass
8DPSK	SISO	HOPP	3DH5	1.001	1.291	≥ 0.861	Pass

3.1.2 Test Graph





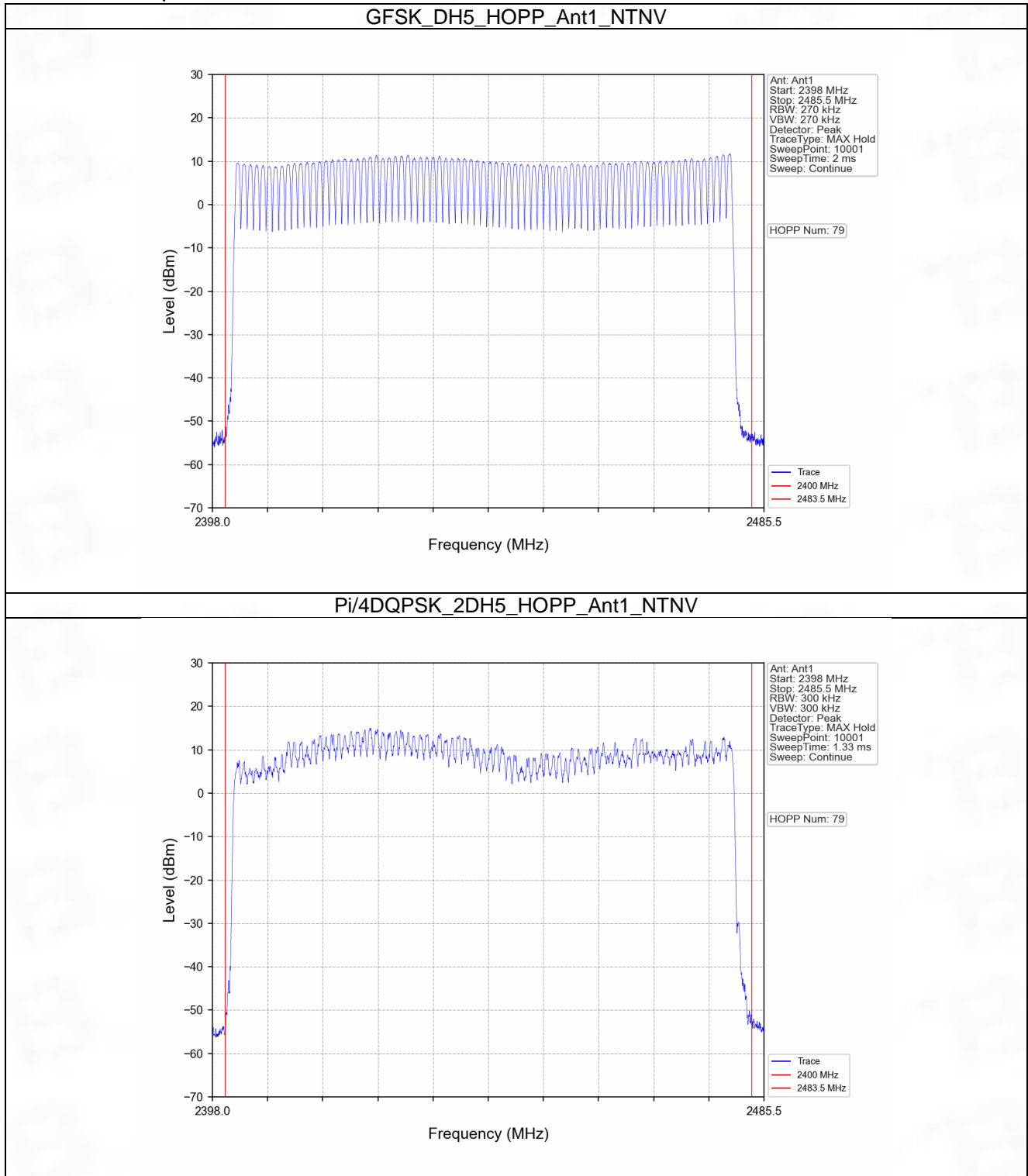
4. Number of Hopping Frequencies

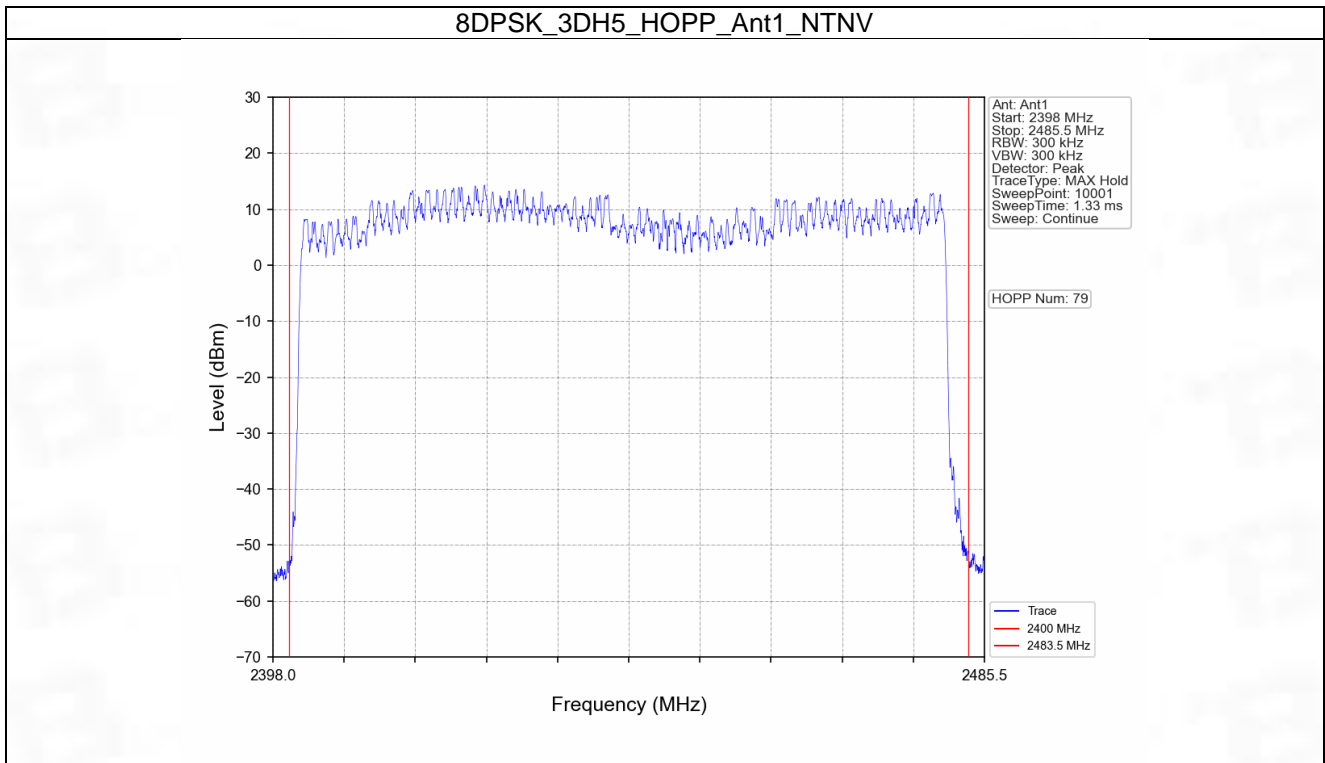
4.1 HoppNum

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
Pi/4DQPSK	SISO	HOPP	2DH5	79	≥ 15	Pass
8DPSK	SISO	HOPP	3DH5	79	≥ 15	Pass

4.1.2 Test Graph





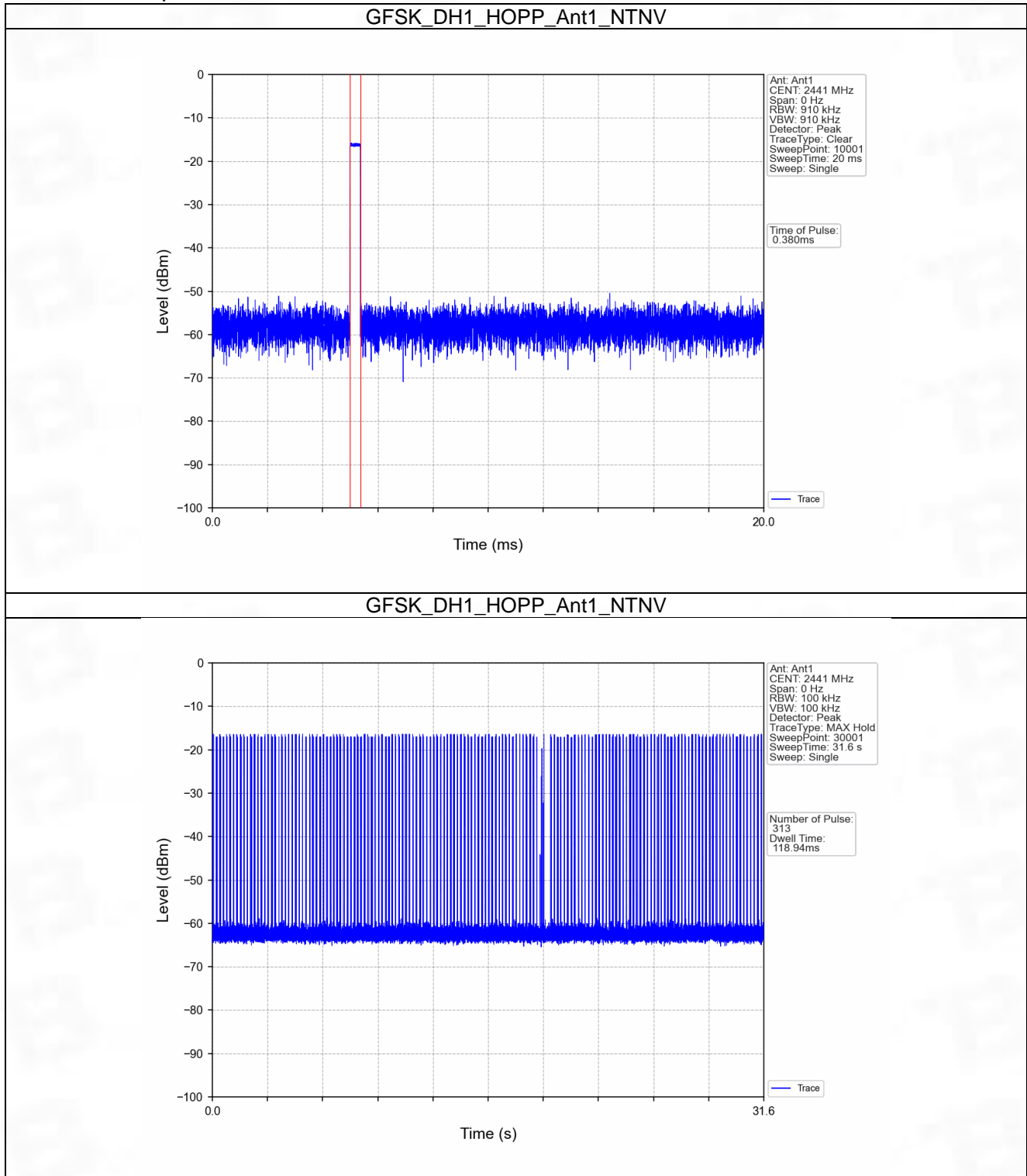
5. Time of Occupancy (Dwell Time)

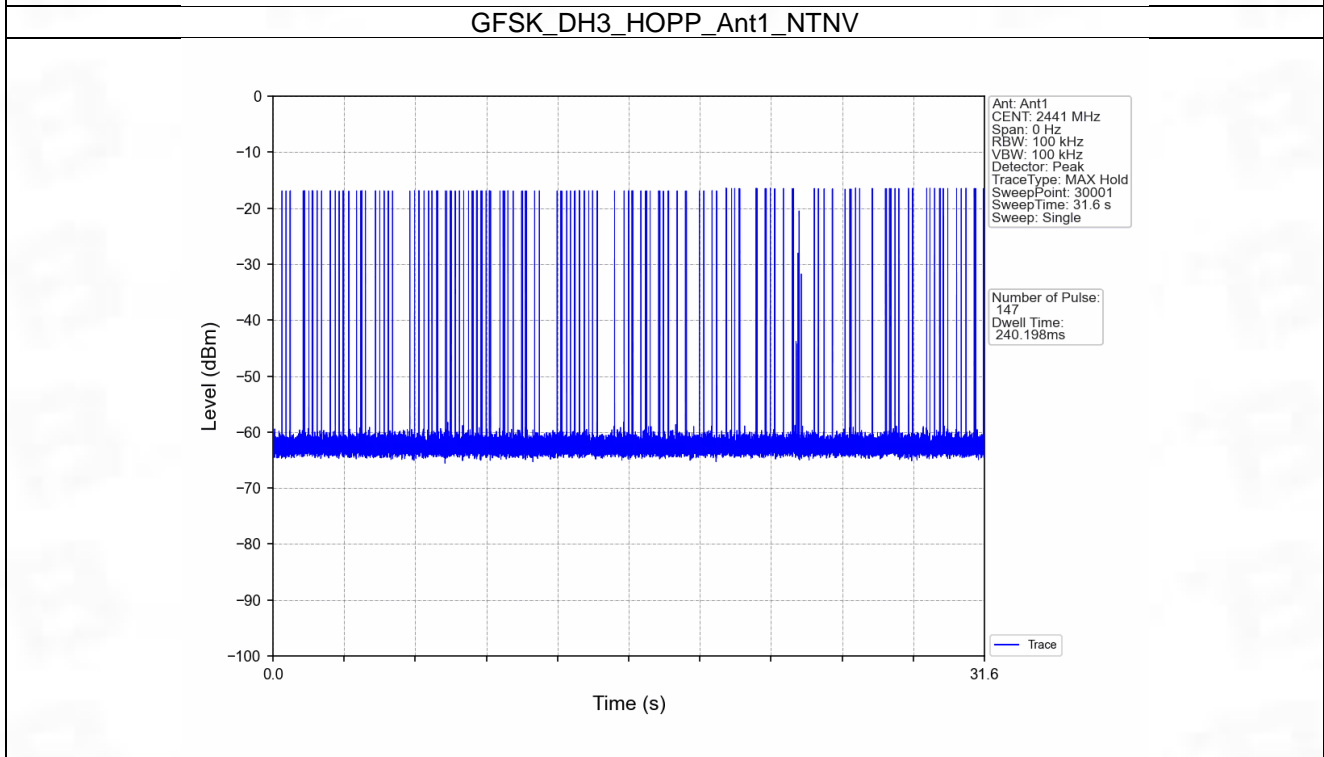
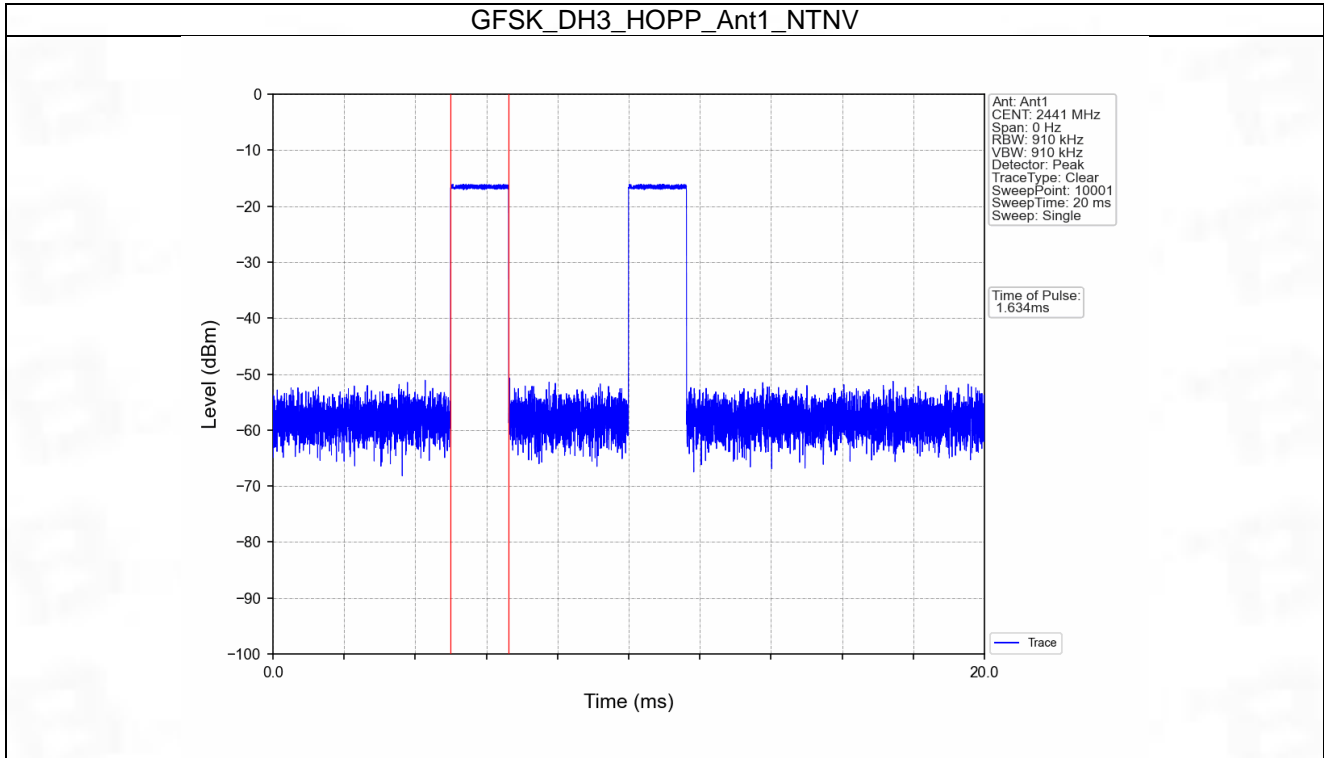
5.1 Ant1

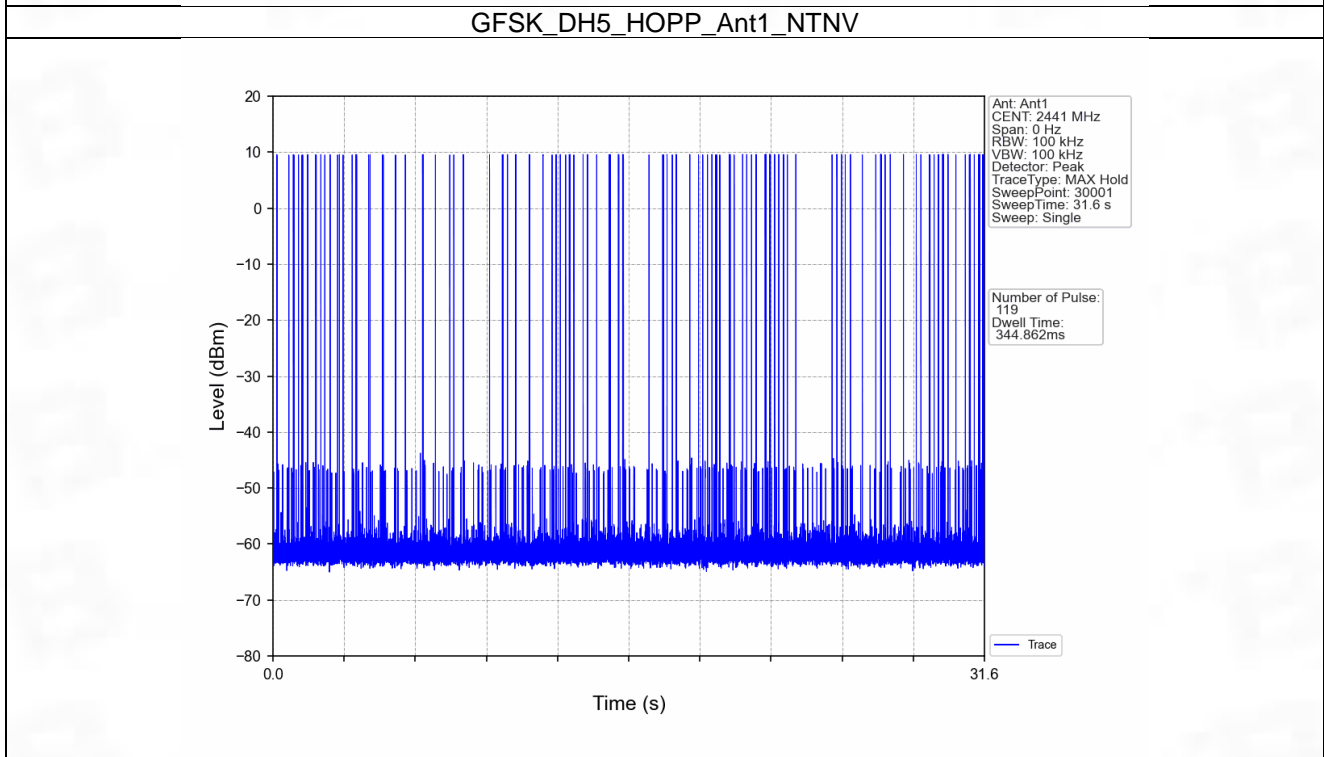
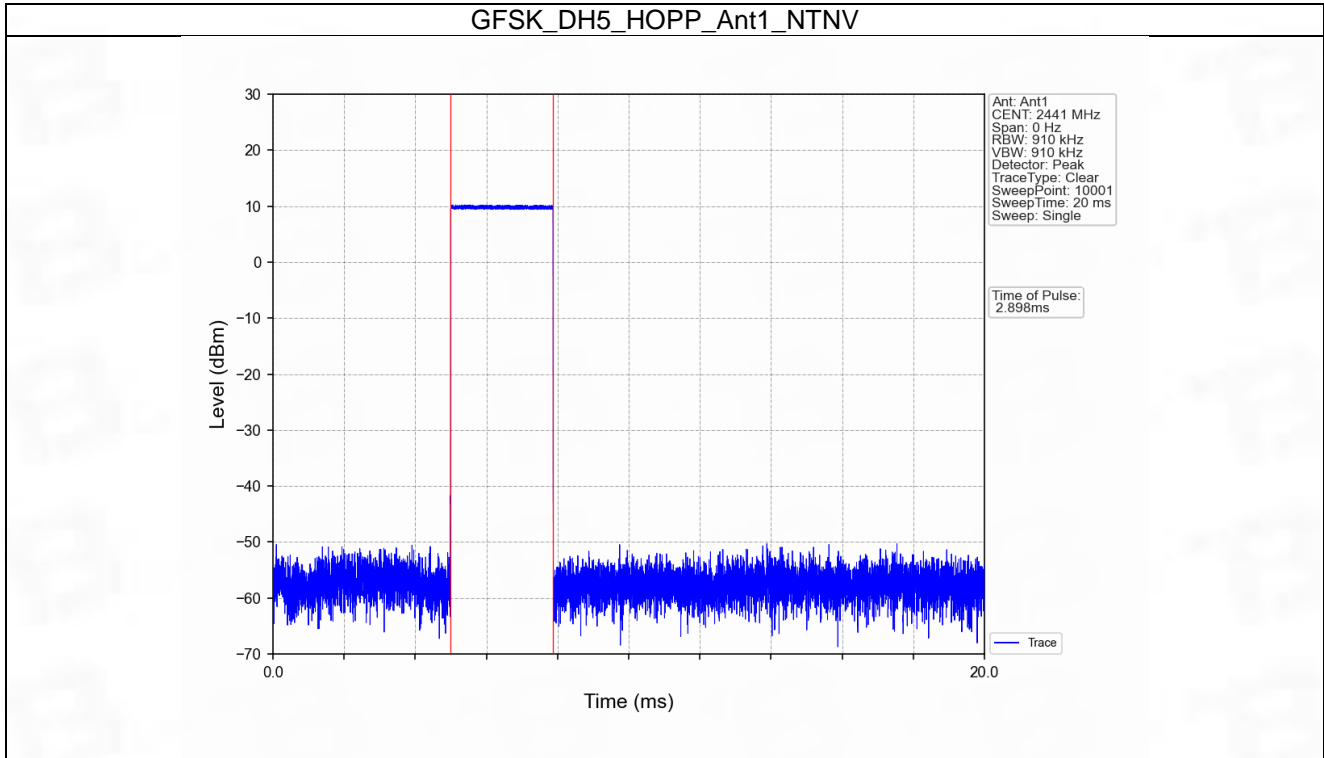
5.1.1 Test Result

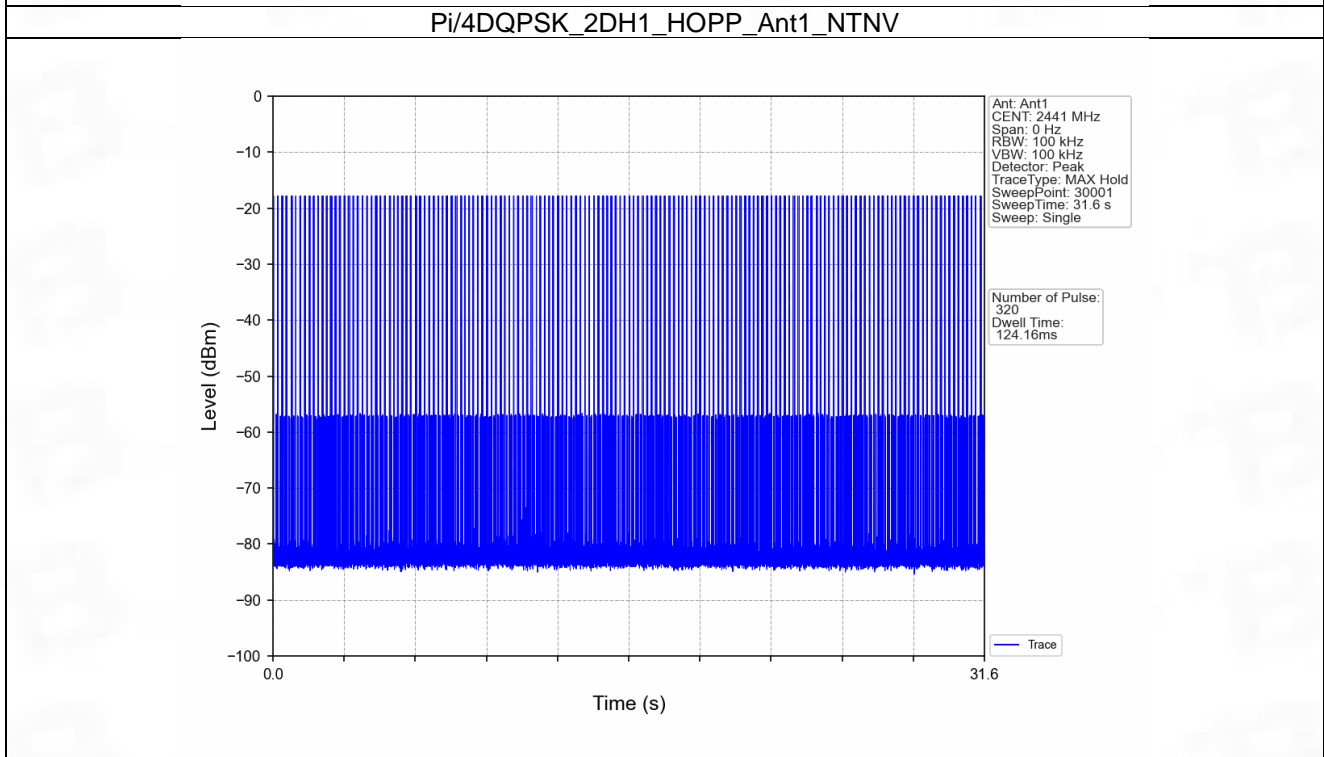
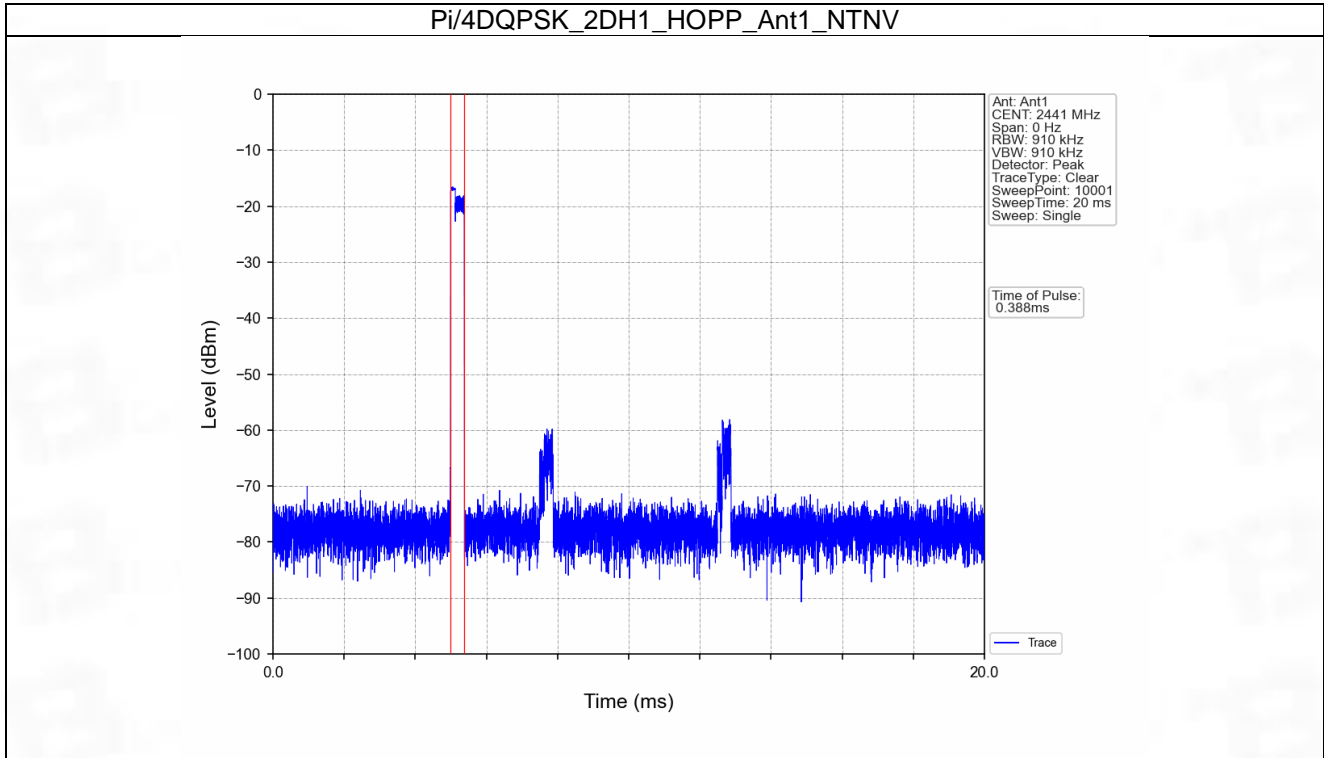
Ant1									
Mode	Tx Type	Frequency (MHz)	Packet Type	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limit (ms)	Verdict
GFSK	SISO	HOPP	DH1	0.380	31.600	313	118.940	<=400	Pass
			DH3	1.634	31.600	147	240.198	<=400	Pass
			DH5	2.898	31.600	119	344.862	<=400	Pass
Pi/4DQPSK	SISO	HOPP	2DH1	0.388	31.600	320	124.160	<=400	Pass
			2DH3	1.640	31.600	157	257.480	<=400	Pass
			2DH5	2.890	31.600	101	291.890	<=400	Pass
8DPSK	SISO	HOPP	3DH1	0.388	31.600	319	123.772	<=400	Pass
			3DH3	1.638	31.600	162	265.356	<=400	Pass
			3DH5	2.890	31.600	106	306.340	<=400	Pass

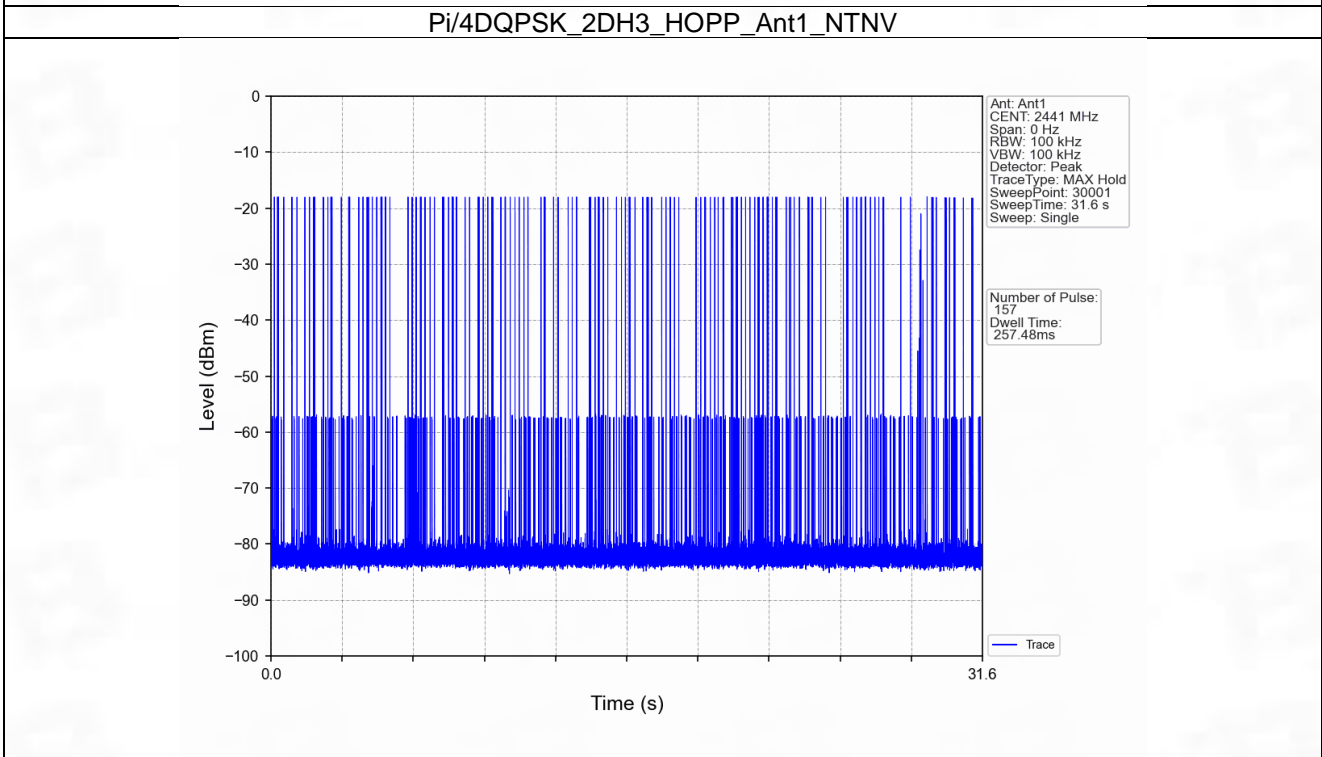
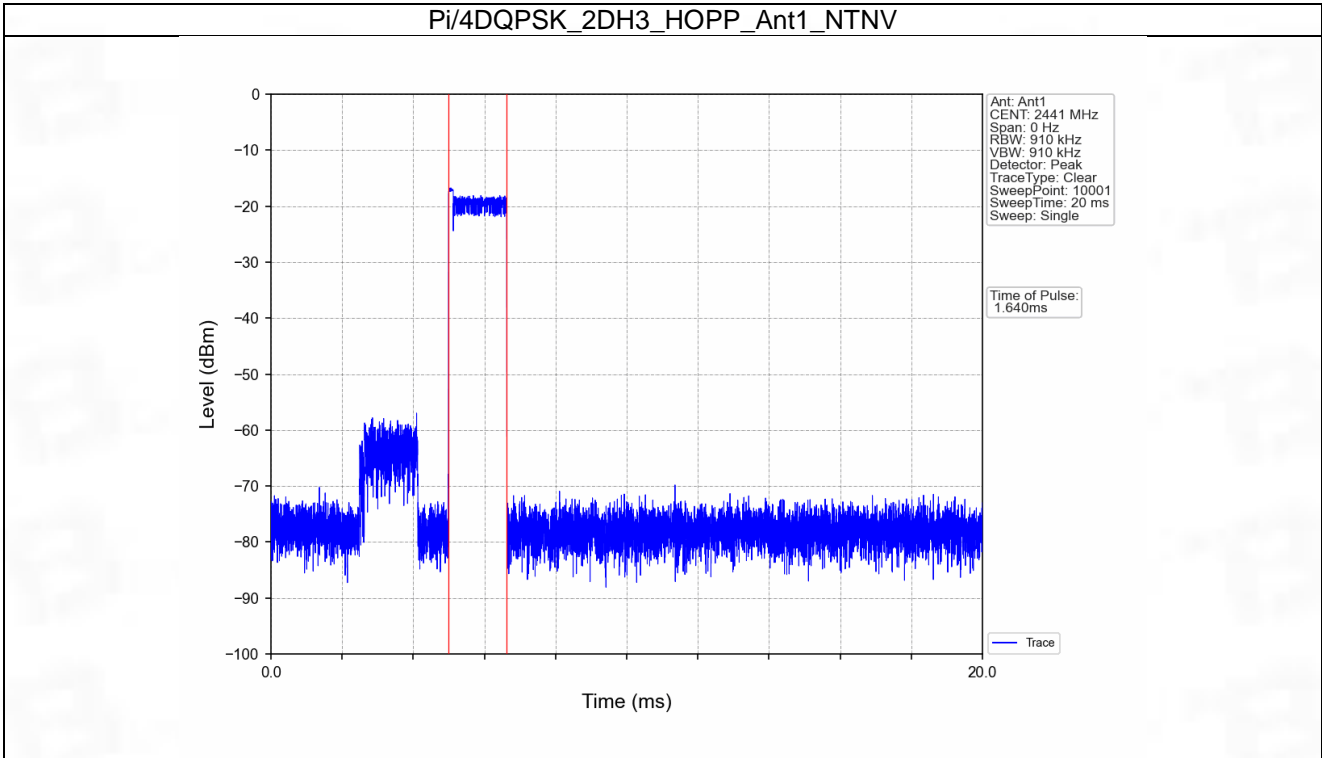
5.1.2 Test Graph

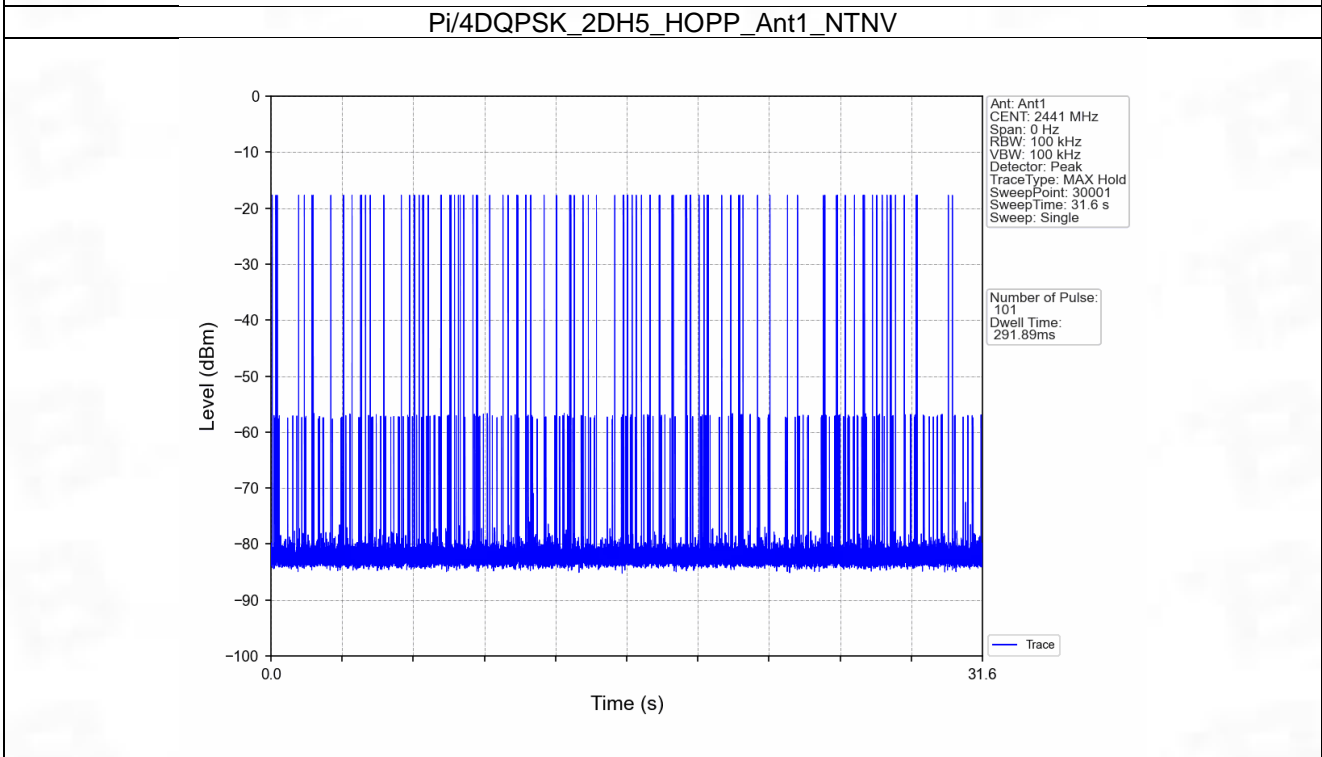
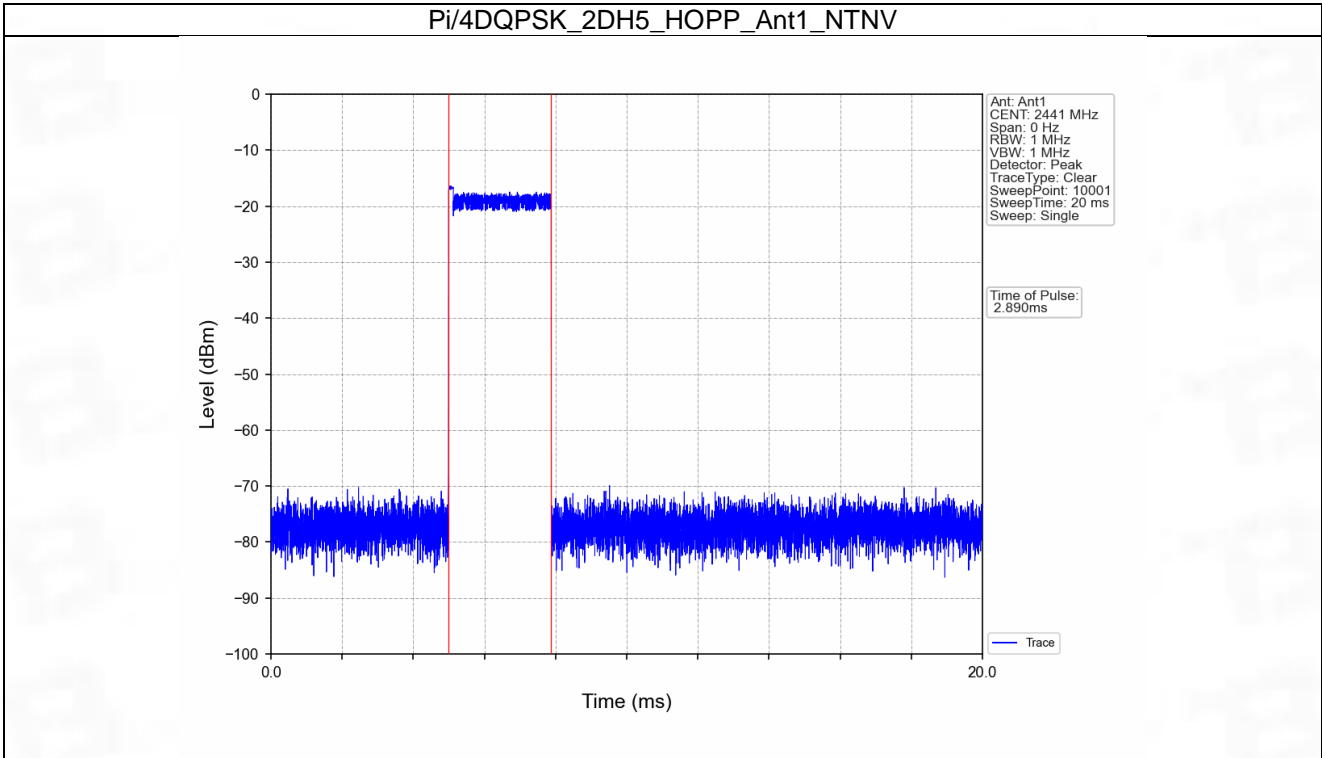


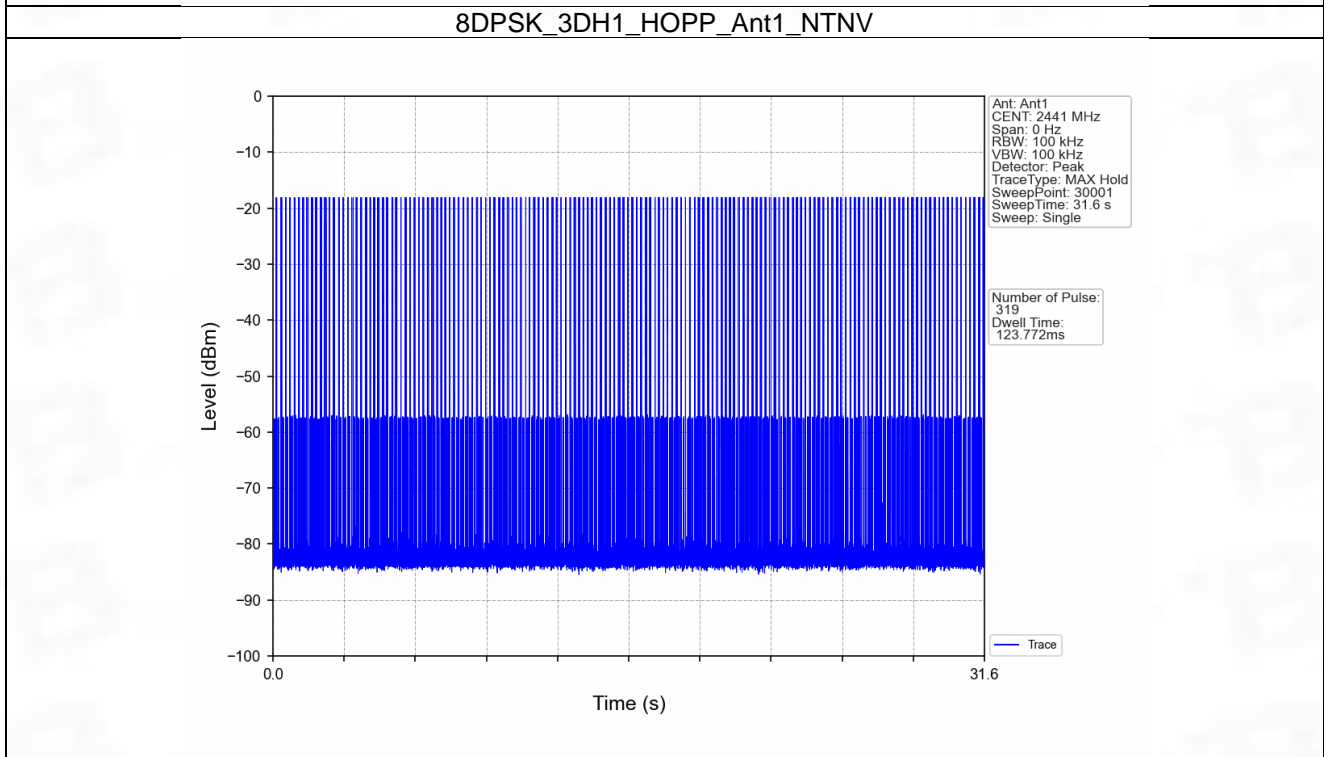
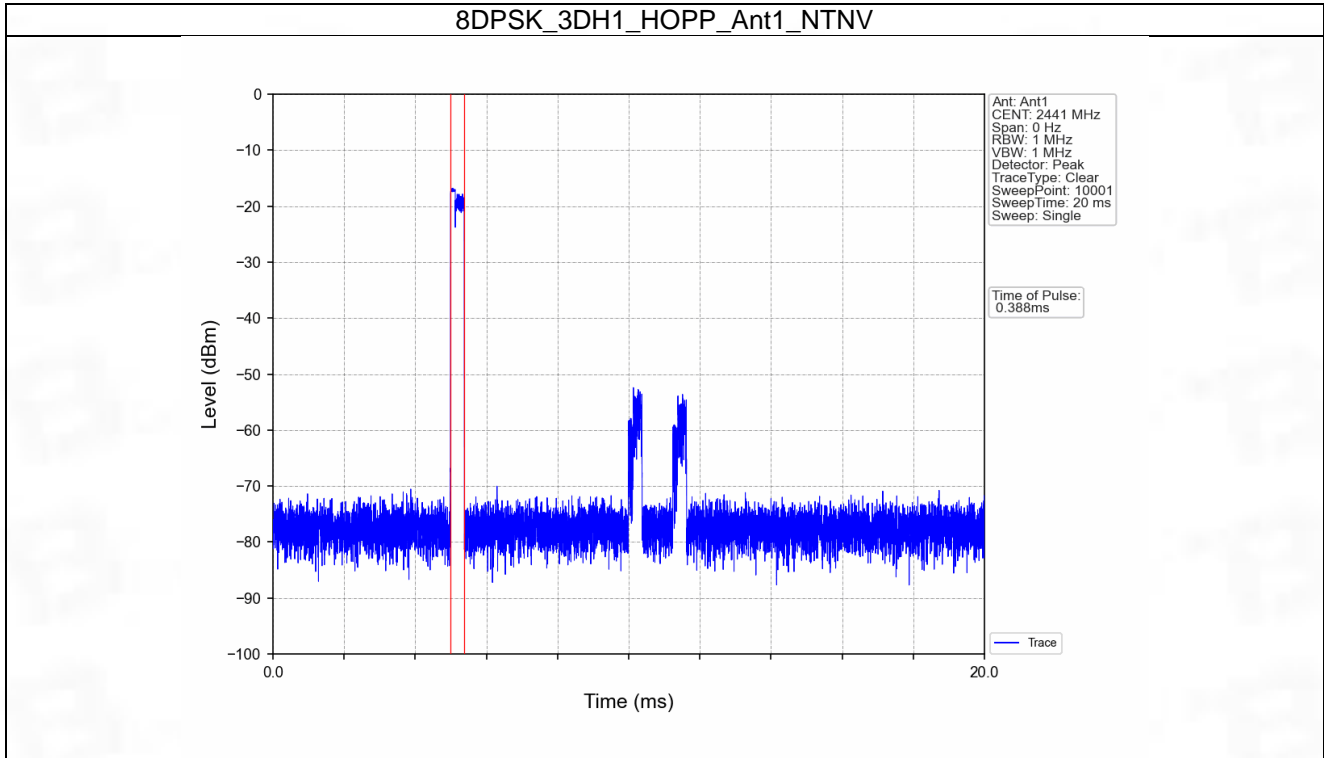


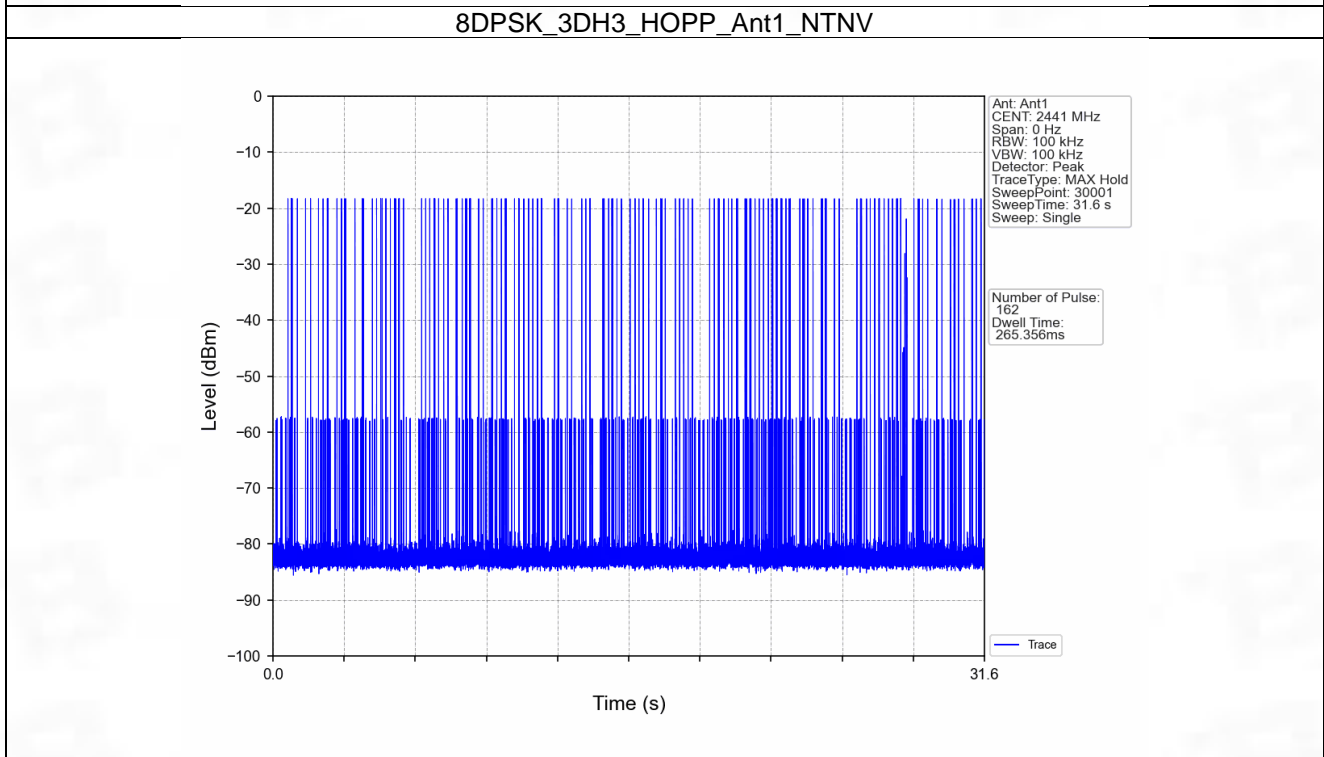
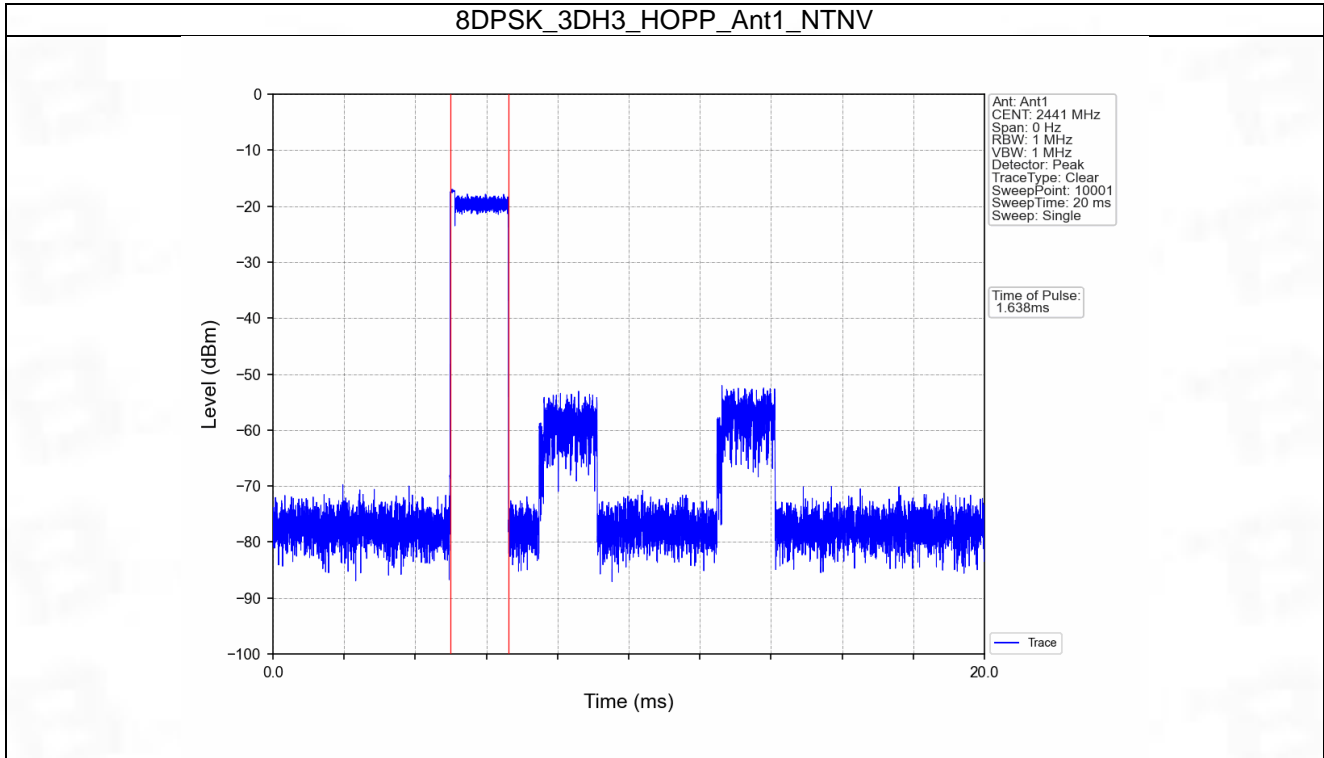


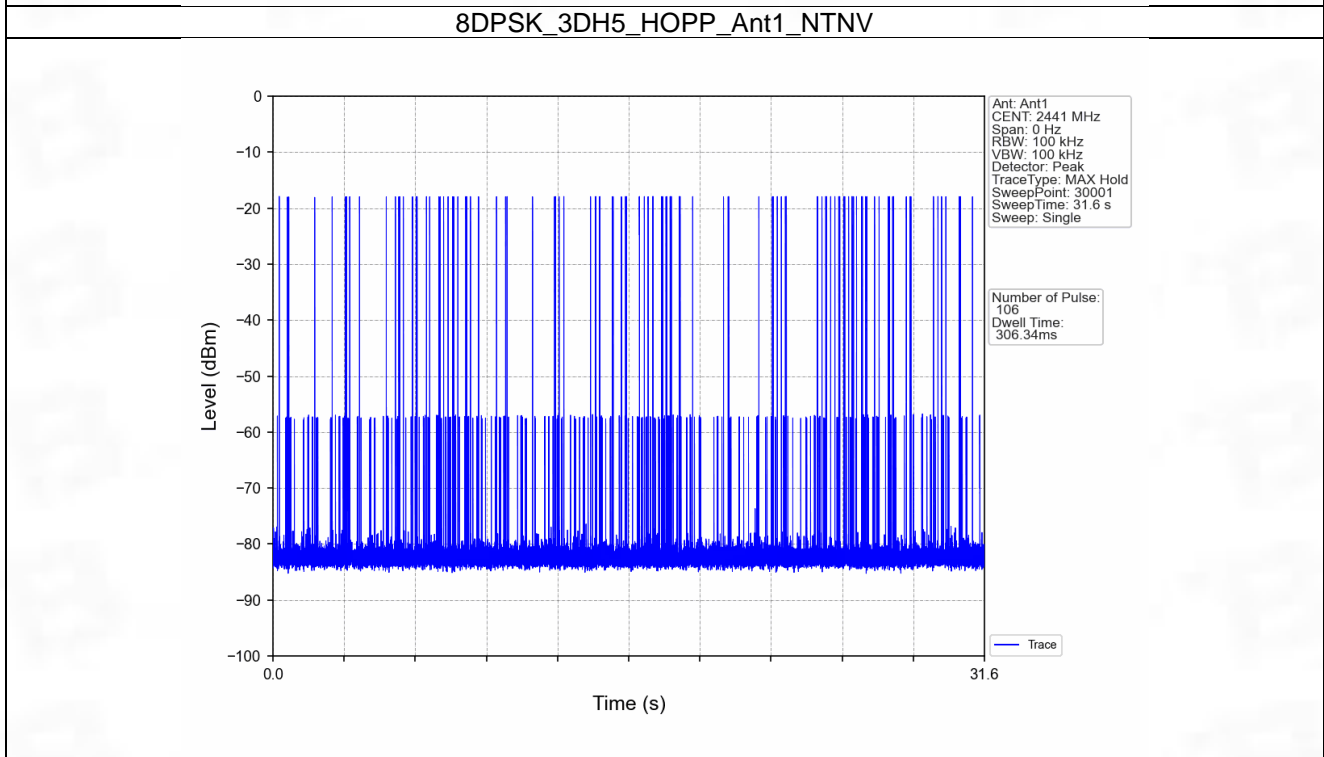
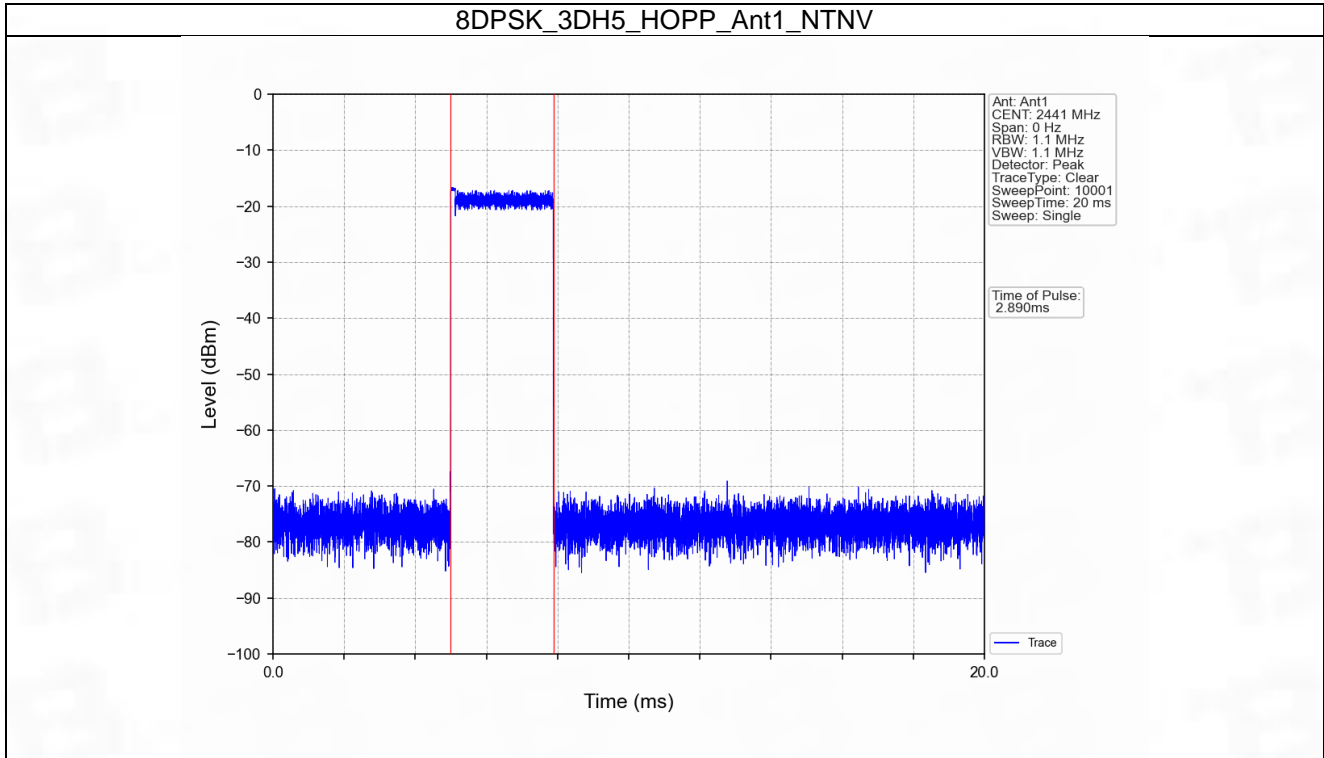












6. Unwanted Emissions In Non-restricted Frequency Bands

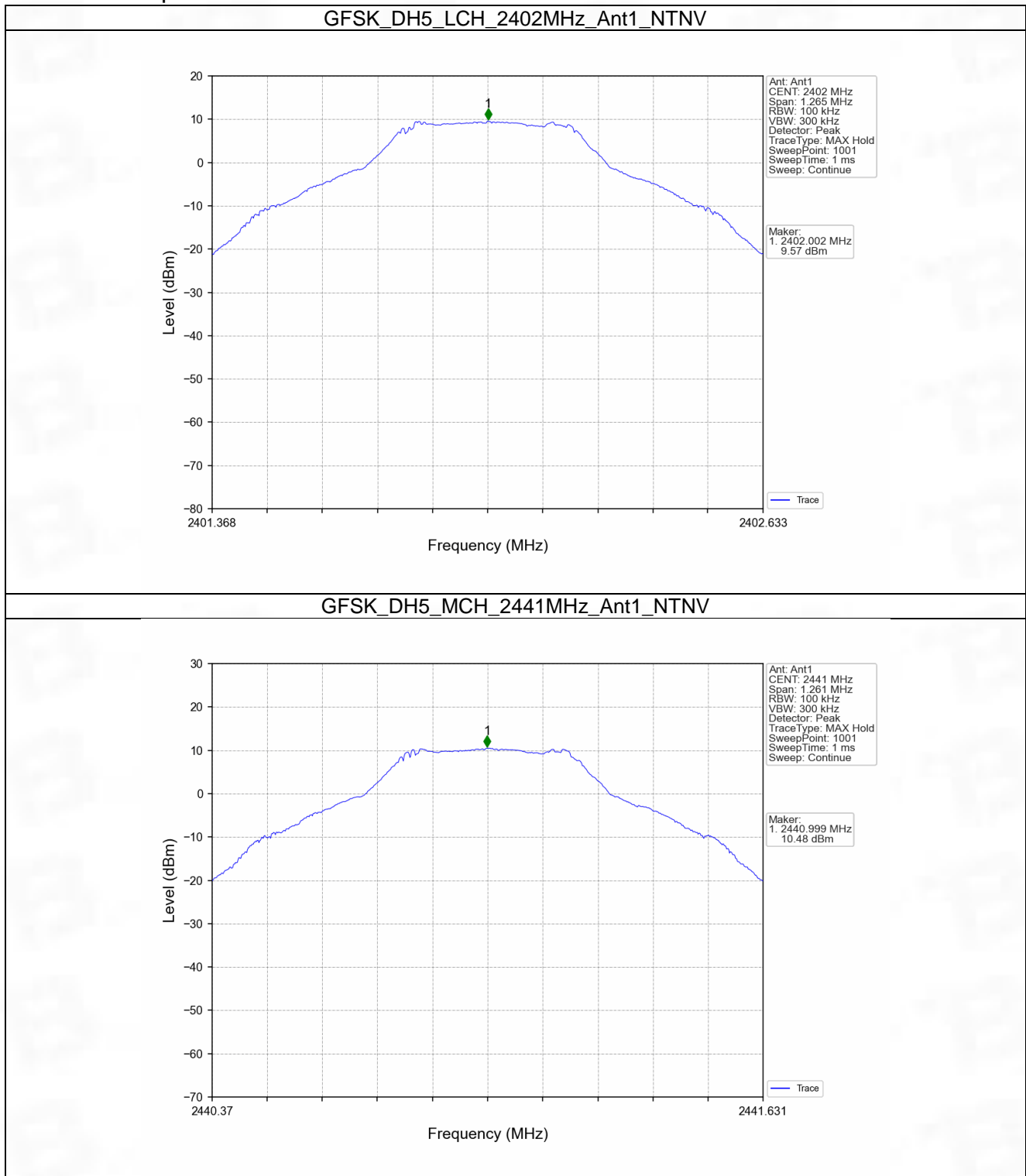
6.1 Ref

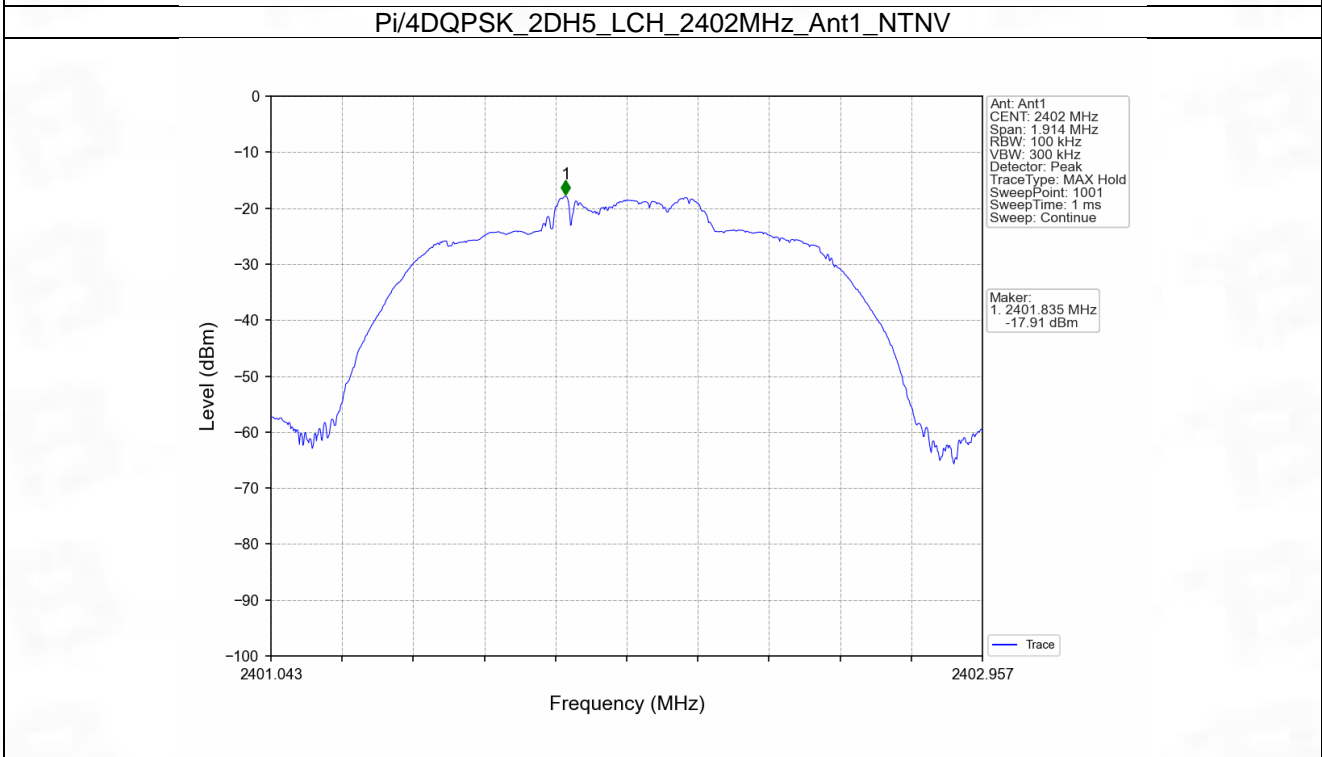
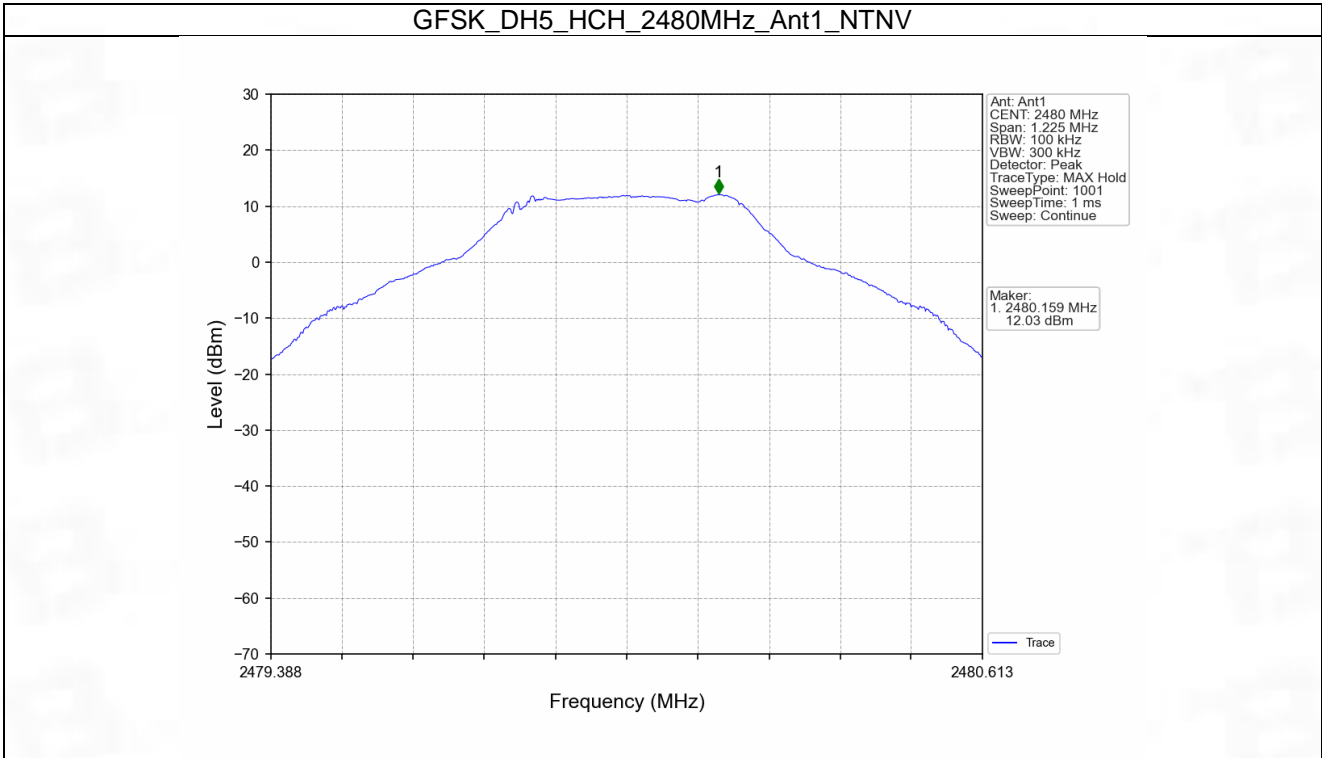
6.1.1 Test Result

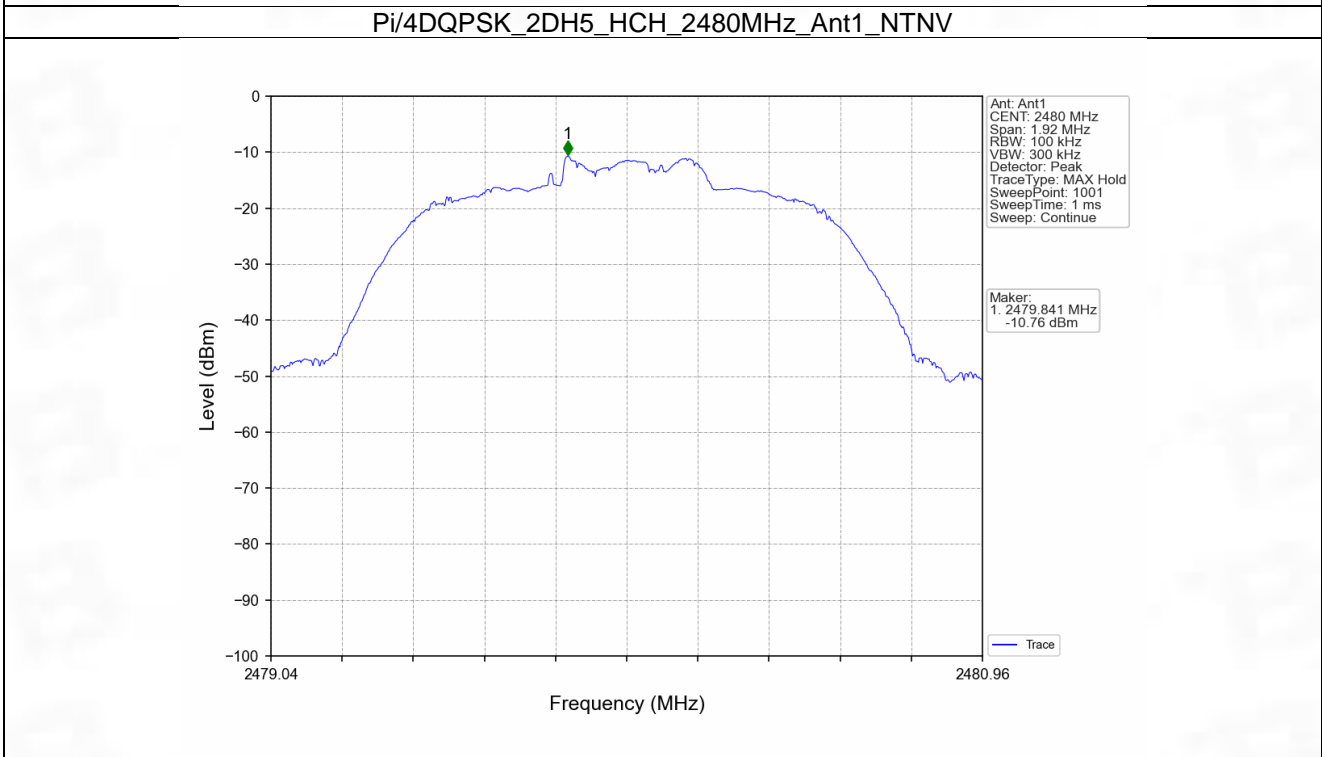
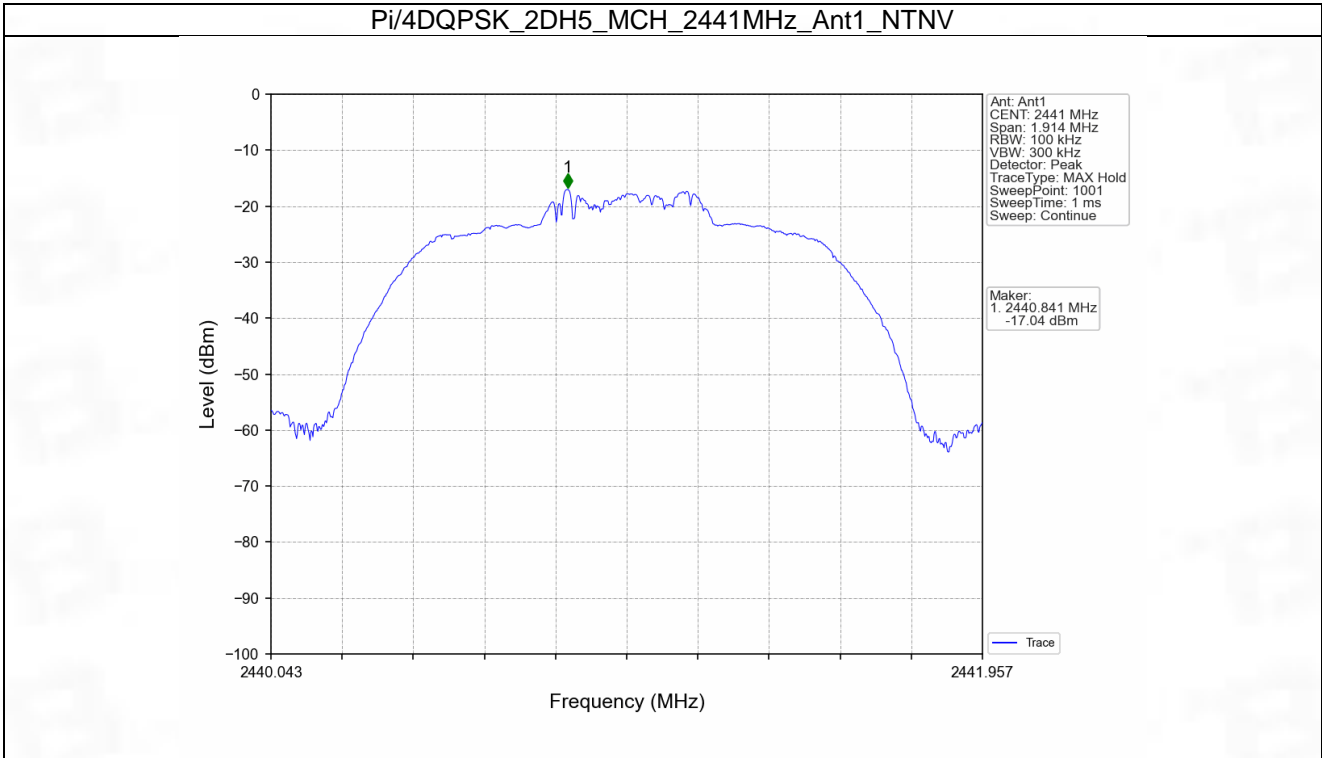
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)
GFSK	SISO	2402	DH5	1	9.57
		2441	DH5	1	10.48
		2480	DH5	1	12.03
Pi/4DQPSK	SISO	2402	2DH5	1	-17.91
		2441	2DH5	1	-17.04
		2480	2DH5	1	-10.76
8DPSK	SISO	2402	3DH5	1	-18.14
		2441	3DH5	1	-17.48
		2480	3DH5	1	-11.00

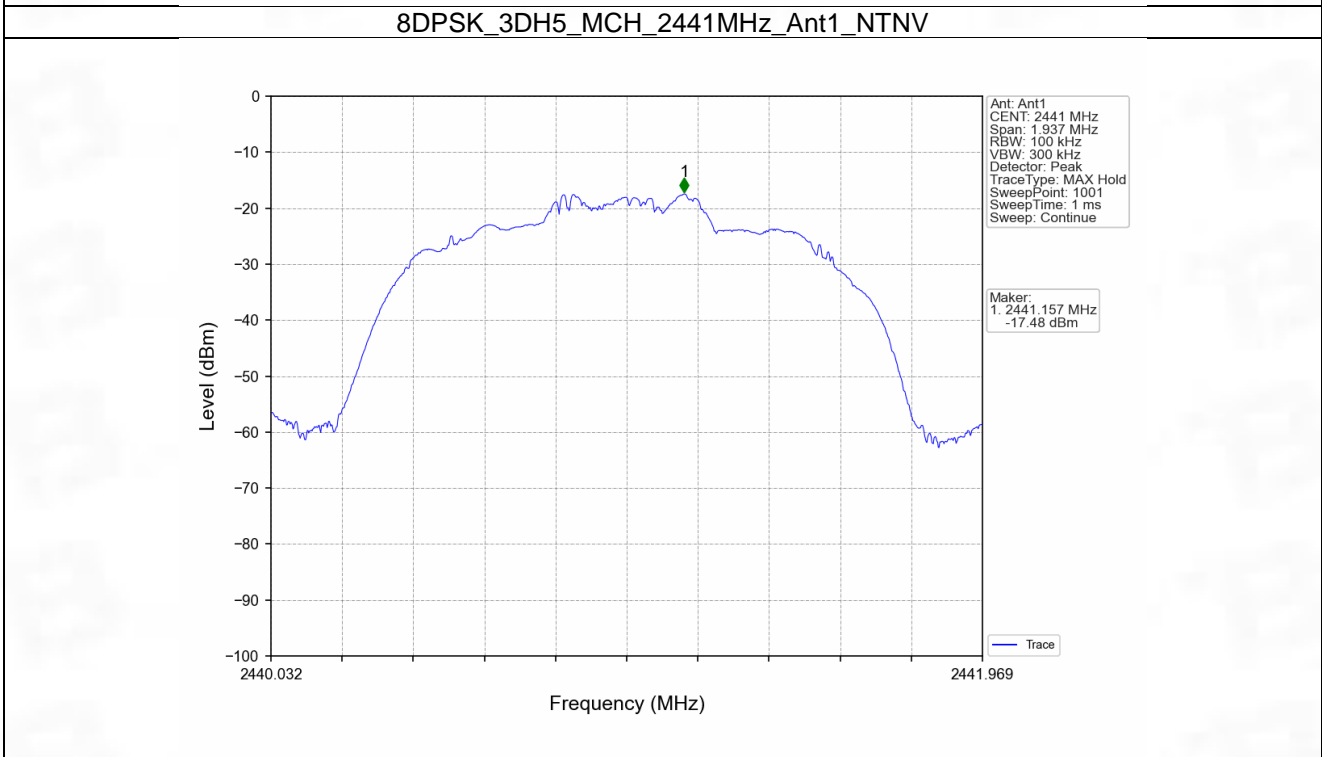
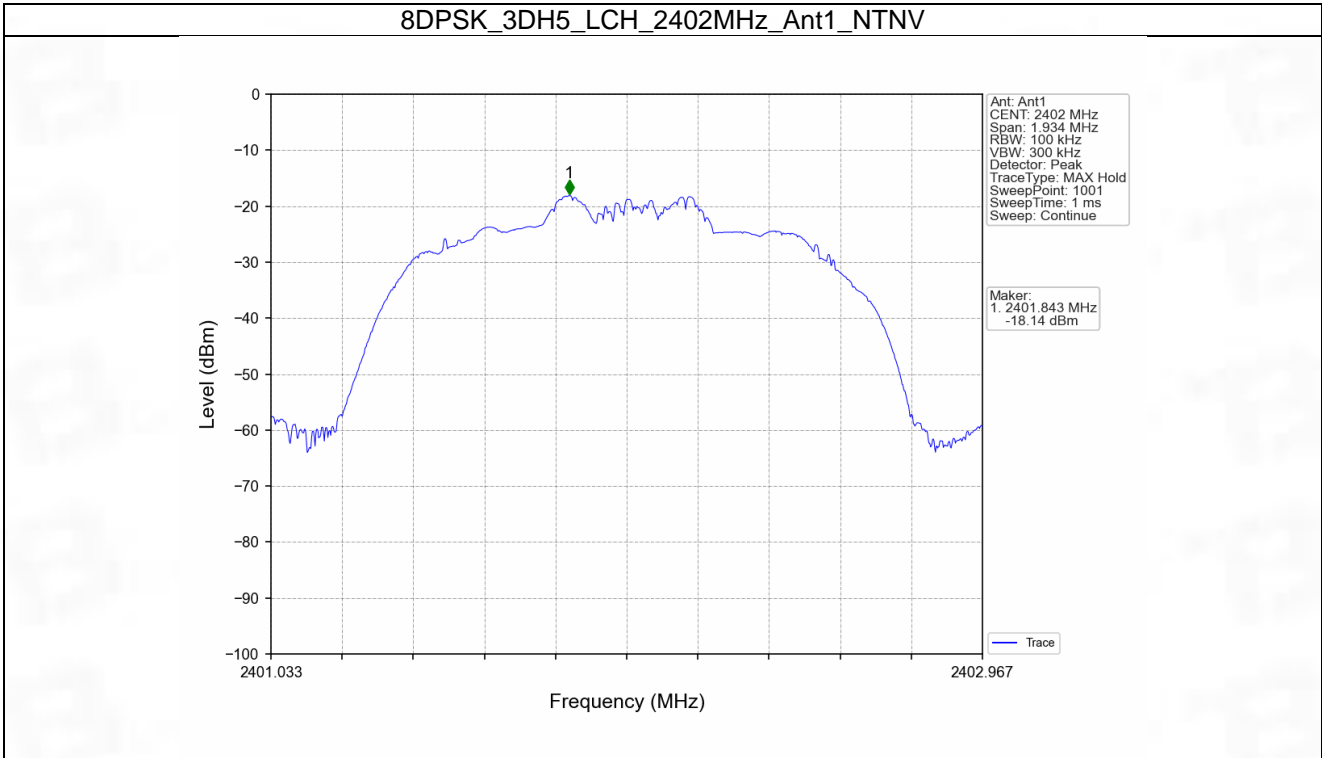
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

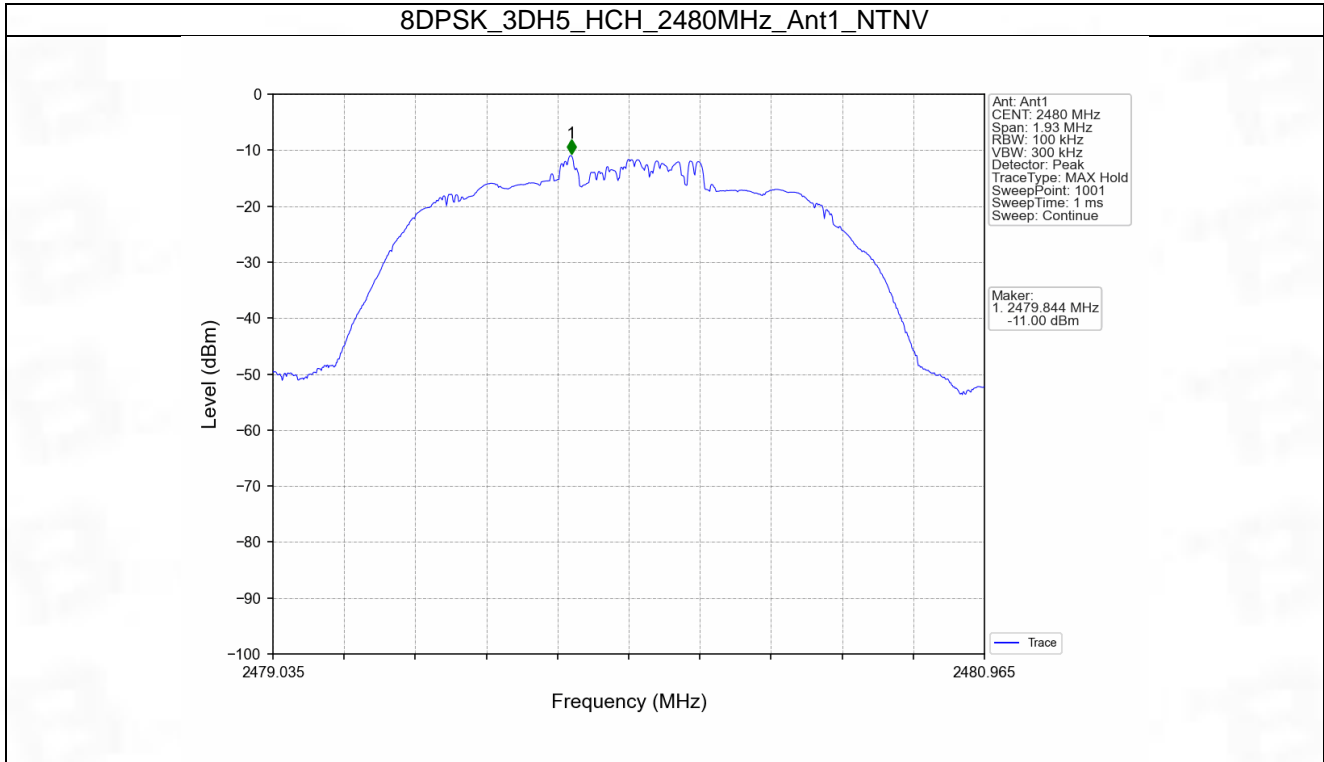
6.1.2 Test Graph











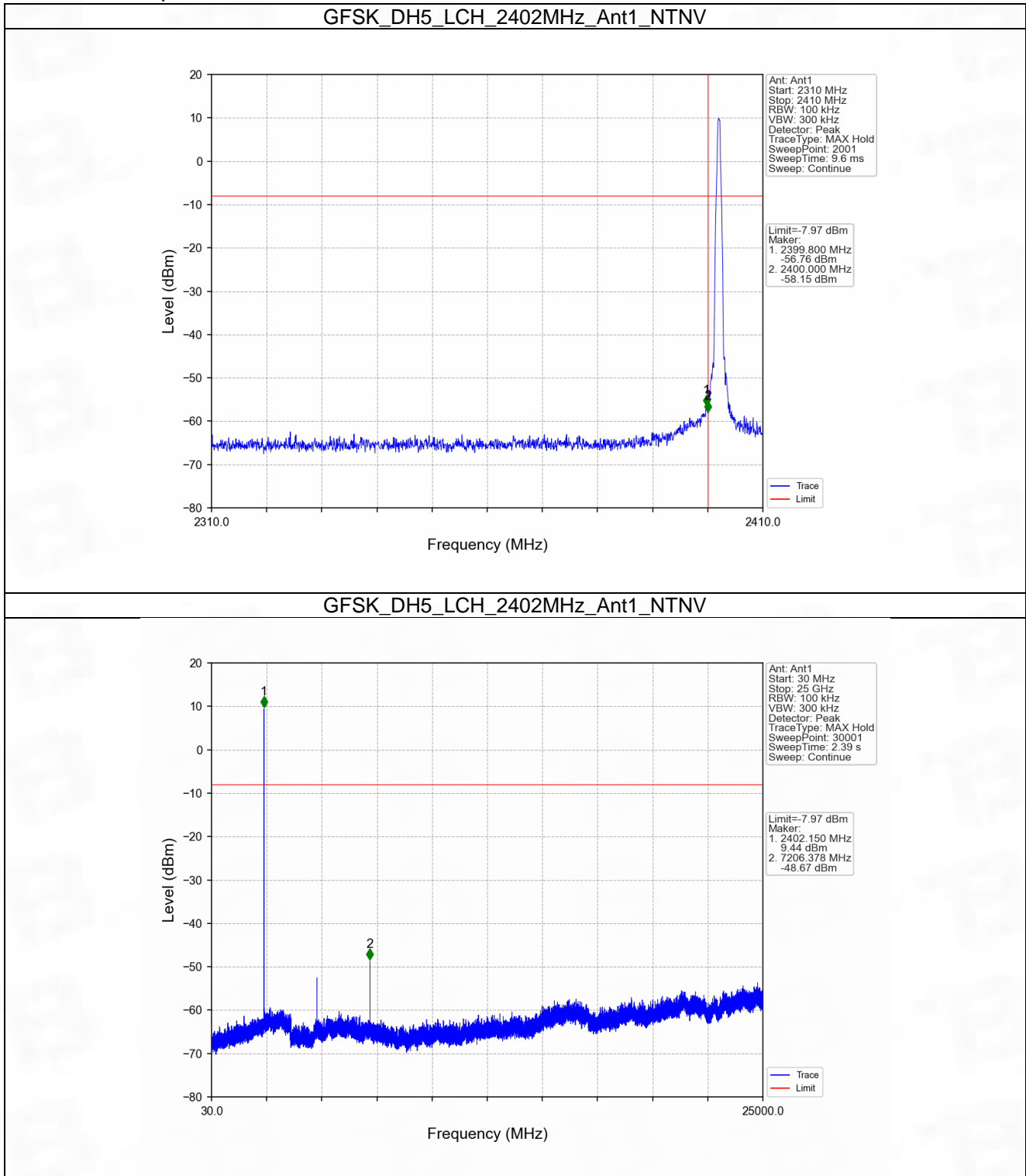
6.2 CSE

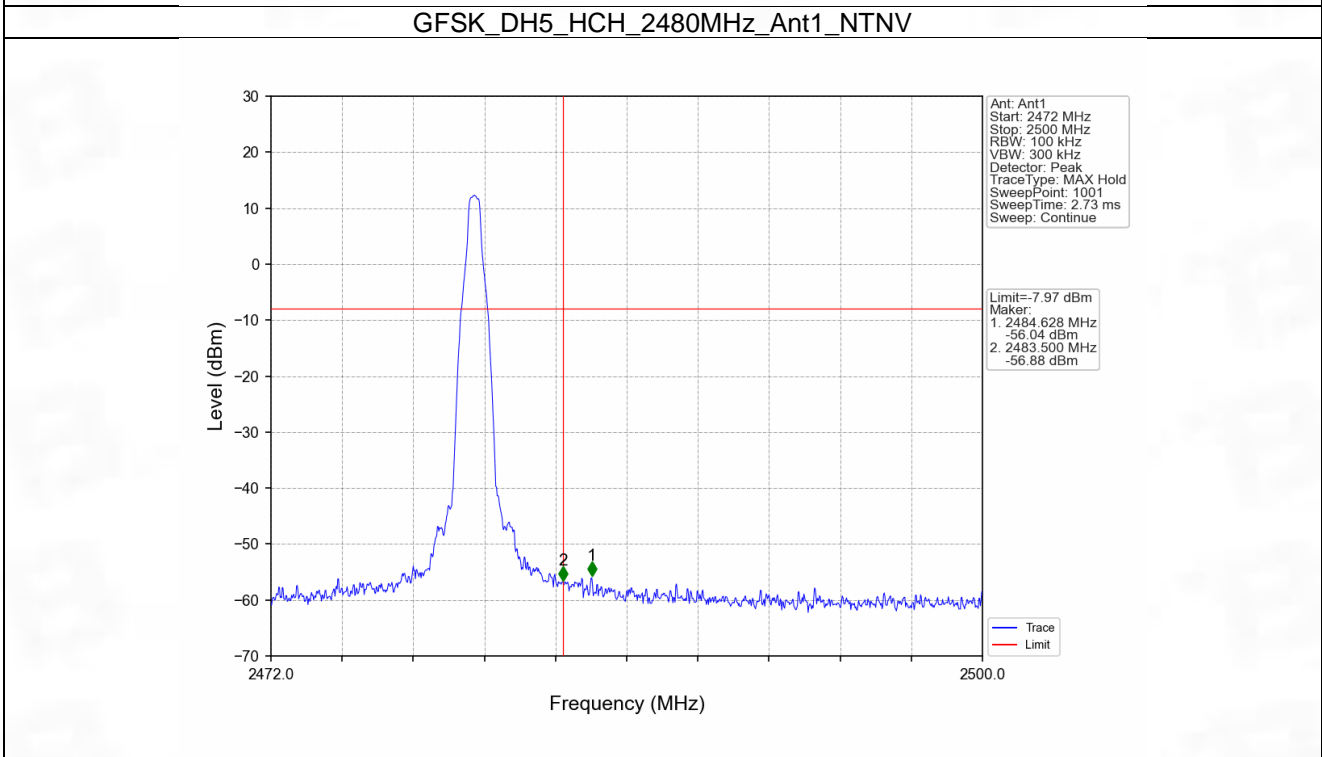
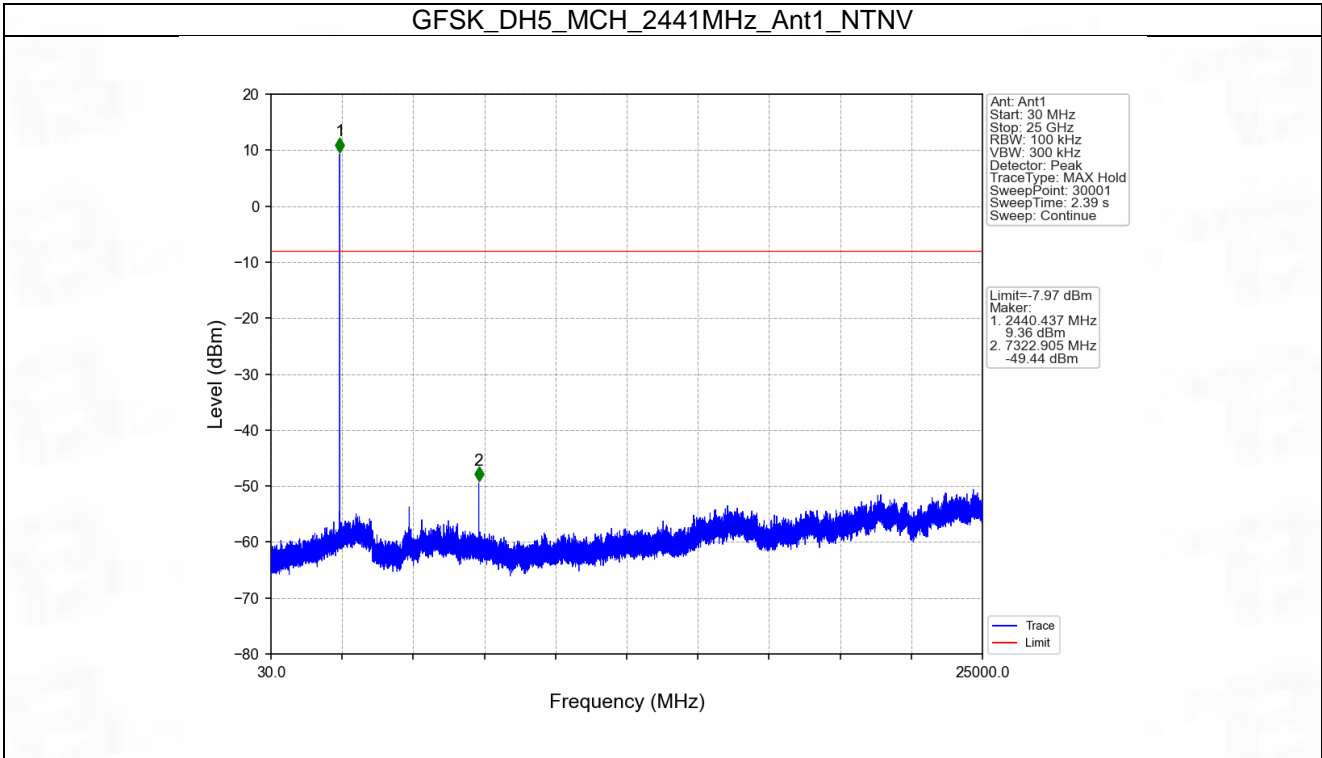
6.2.1 Test Result

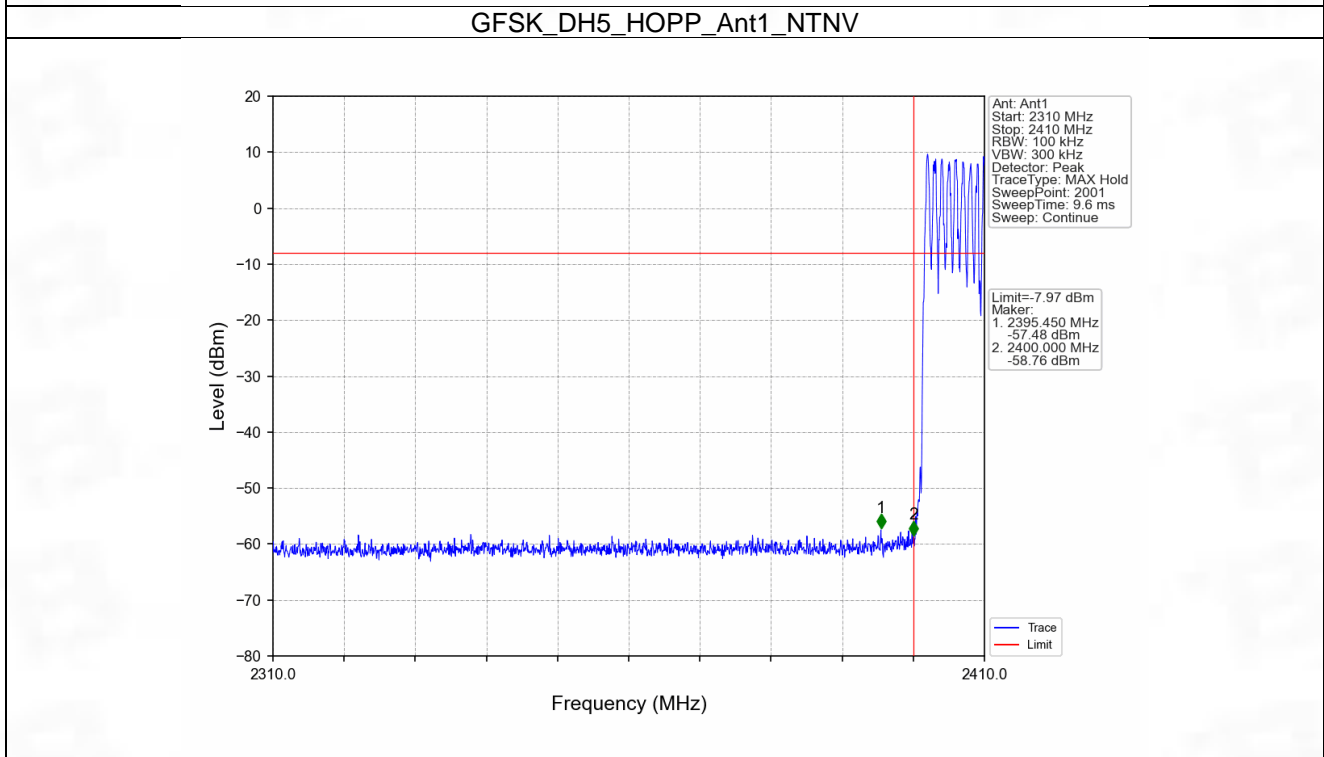
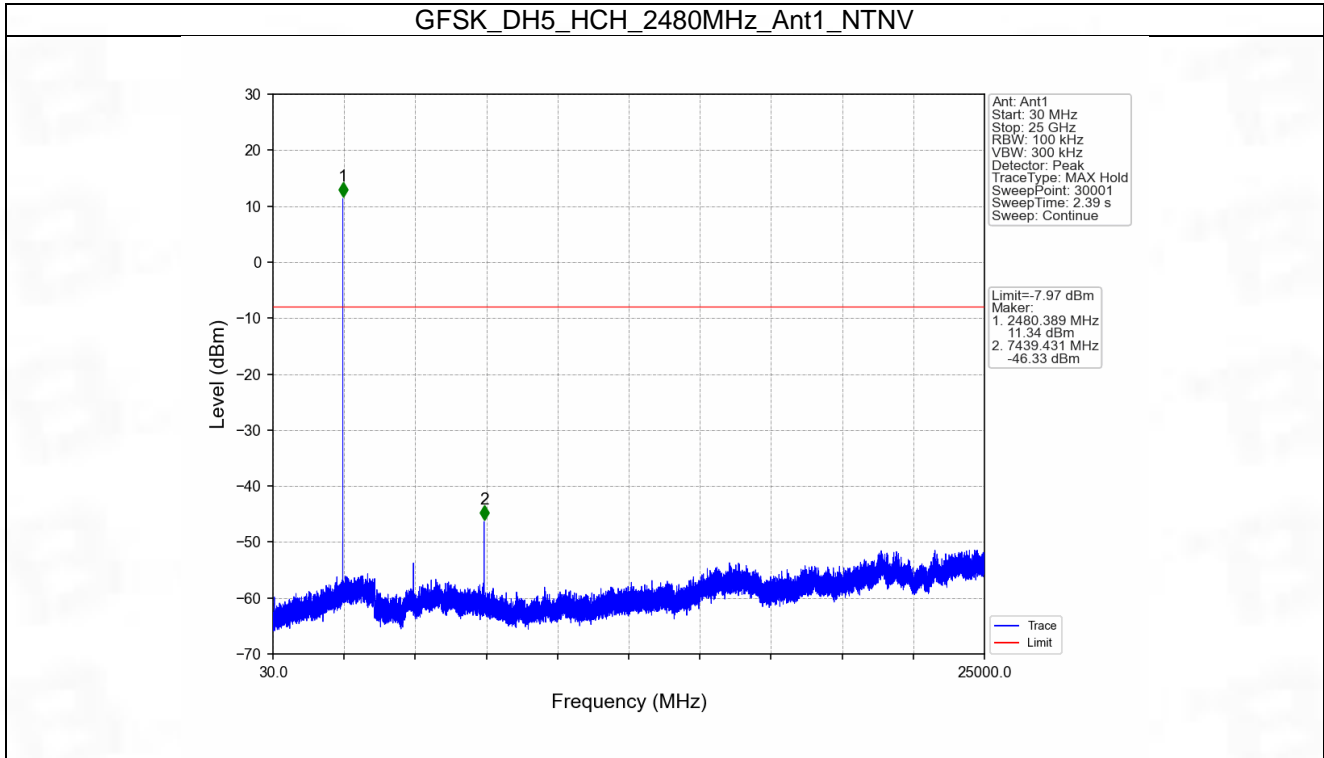
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	DH5	1	12.03	-7.97	Pass
		2441	DH5	1	12.03	-7.97	Pass
		2480	DH5	1	12.03	-7.97	Pass
		HOPP	DH5	1	12.03	-7.97	Pass
					12.03	-7.97	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	-10.76	-30.76	Pass
		2441	2DH5	1	-10.76	-30.76	Pass
		2480	2DH5	1	-10.76	-30.76	Pass
		HOPP	2DH5	1	-10.76	-30.76	Pass
					-10.76	-30.76	Pass
8DPSK	SISO	2402	3DH5	1	-11.00	-31.00	Pass
		2441	3DH5	1	-11.00	-31.00	Pass
		2480	3DH5	1	-11.00	-31.00	Pass
		HOPP	3DH5	1	-11.00	-31.00	Pass
					-11.00	-31.00	Pass

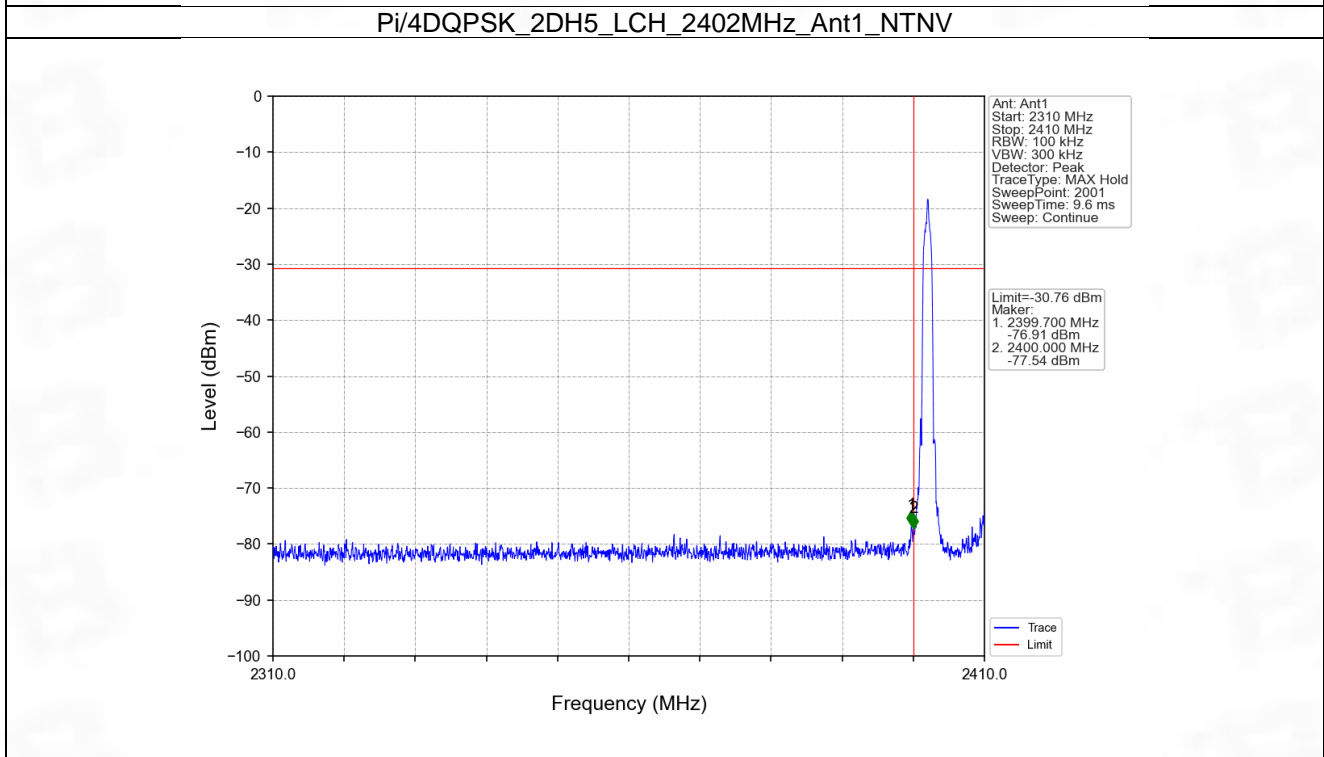
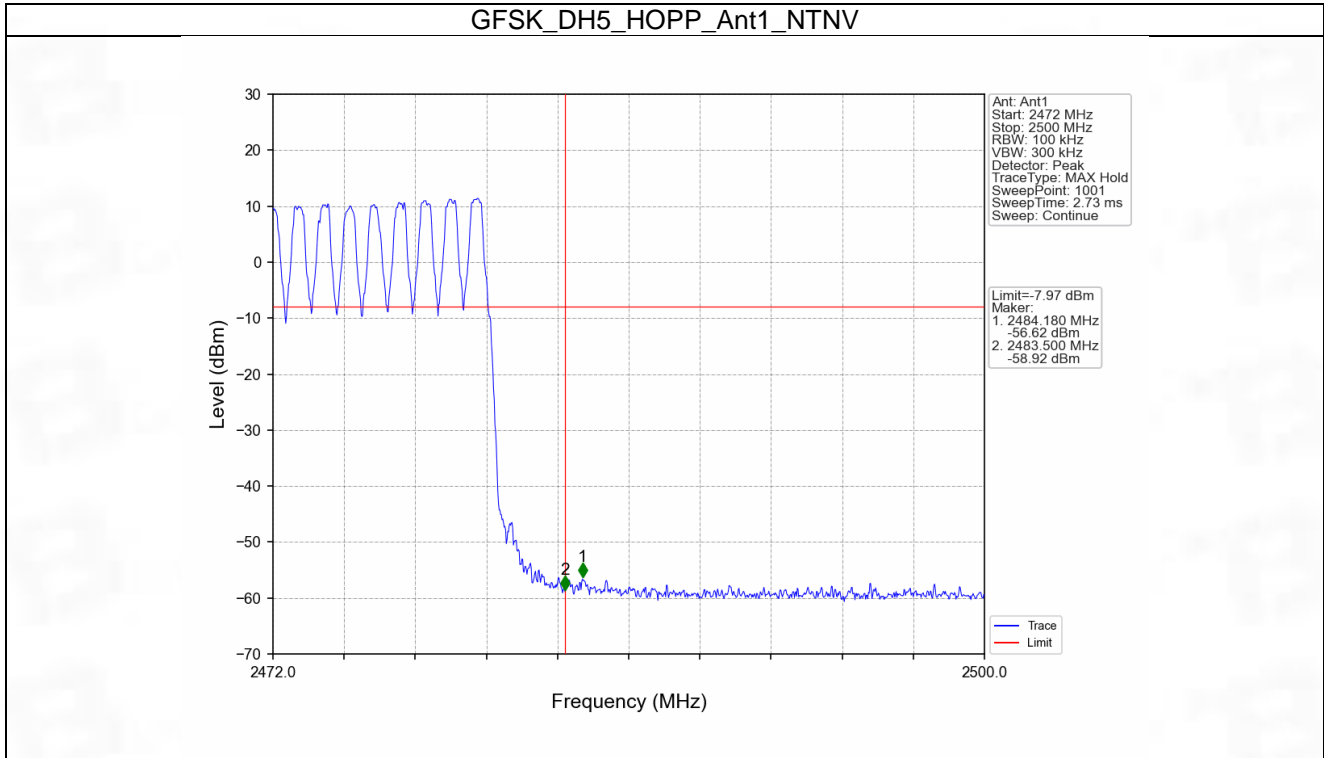
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

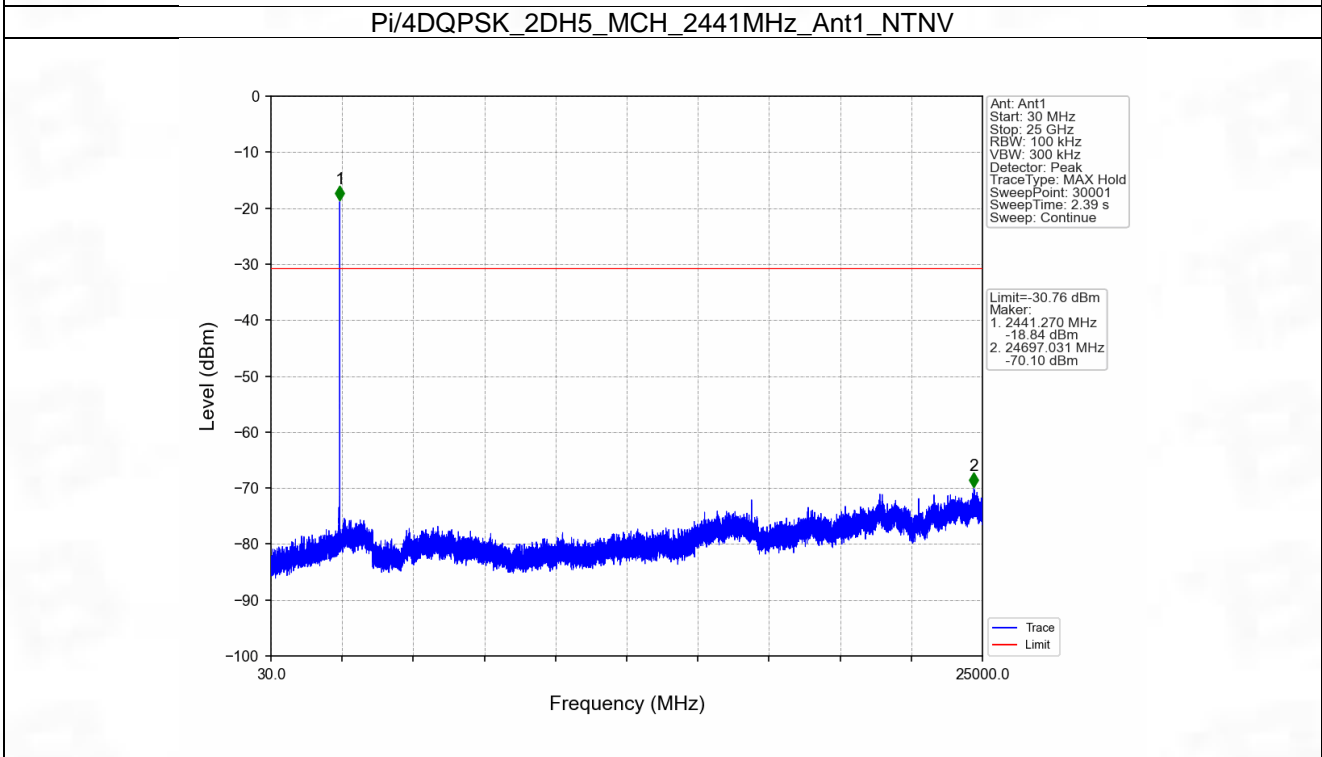
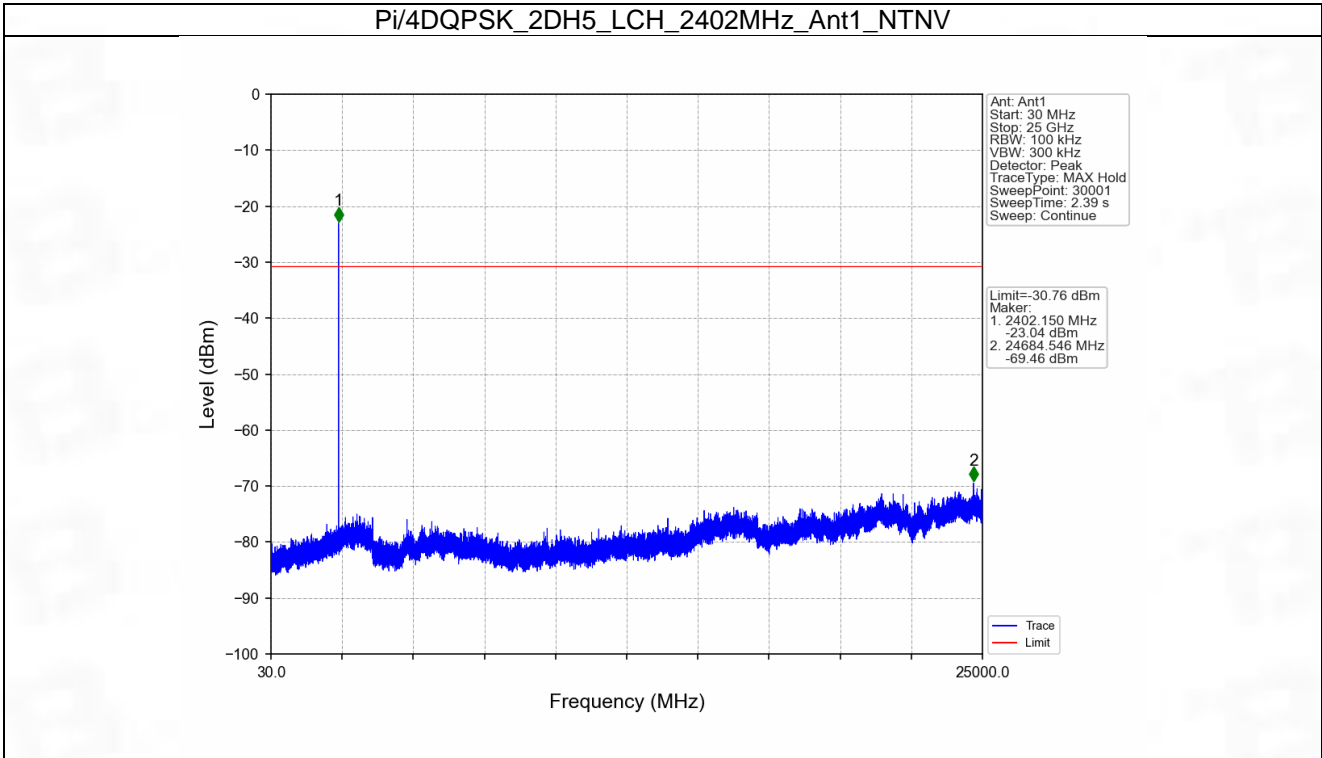
6.2.2 Test Graph

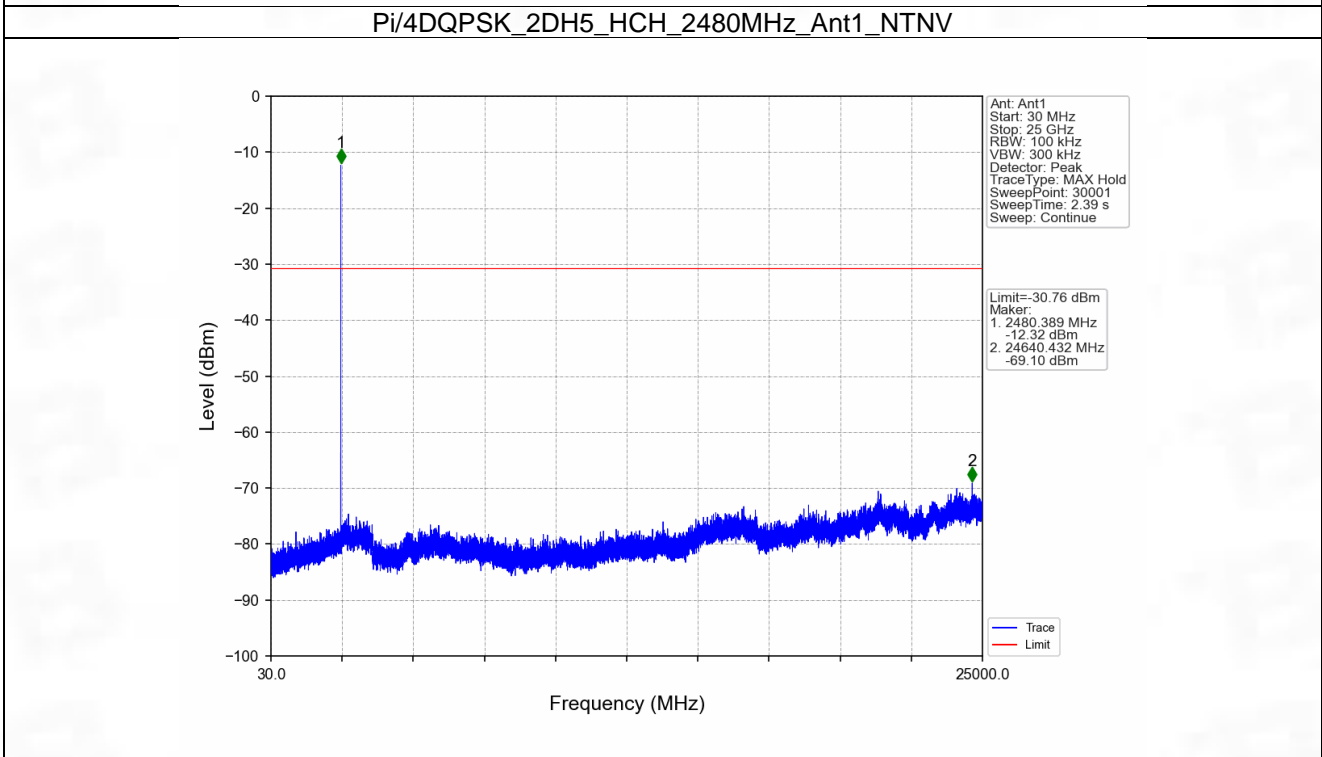
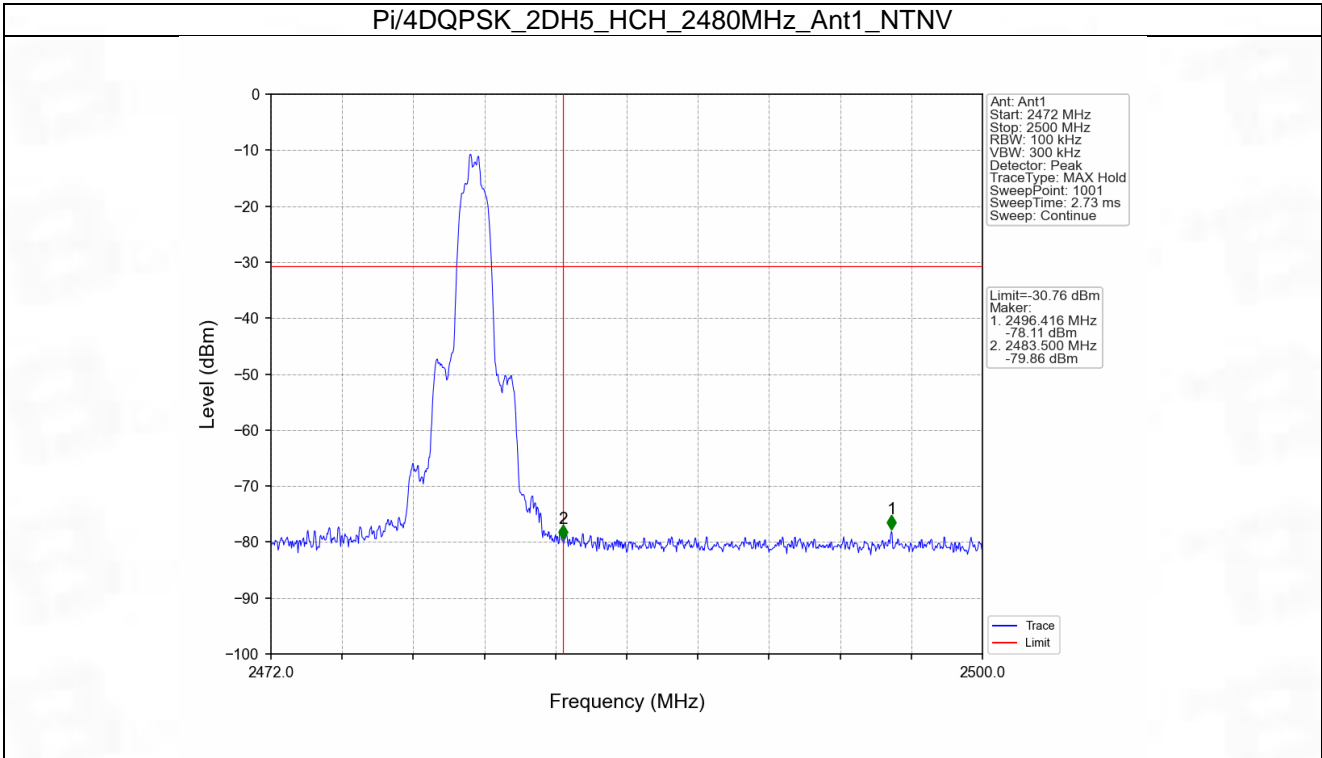


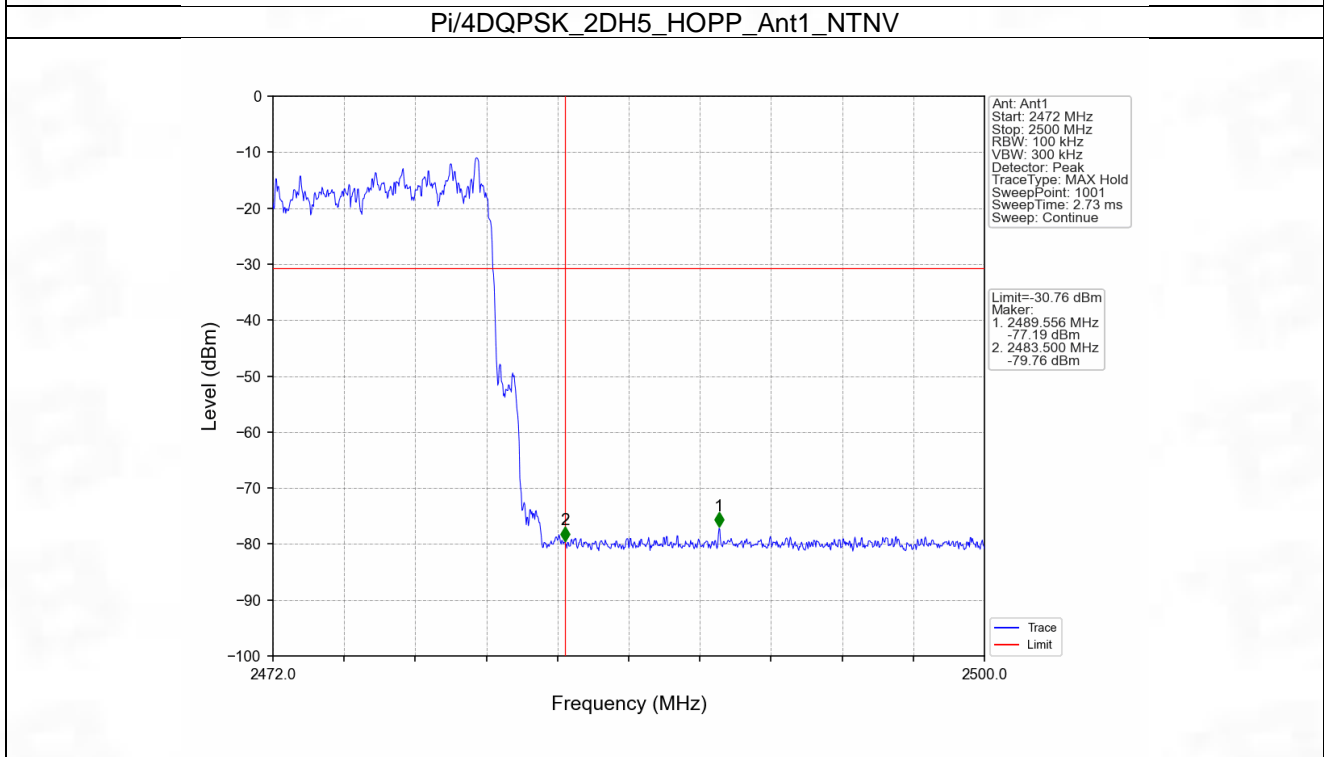
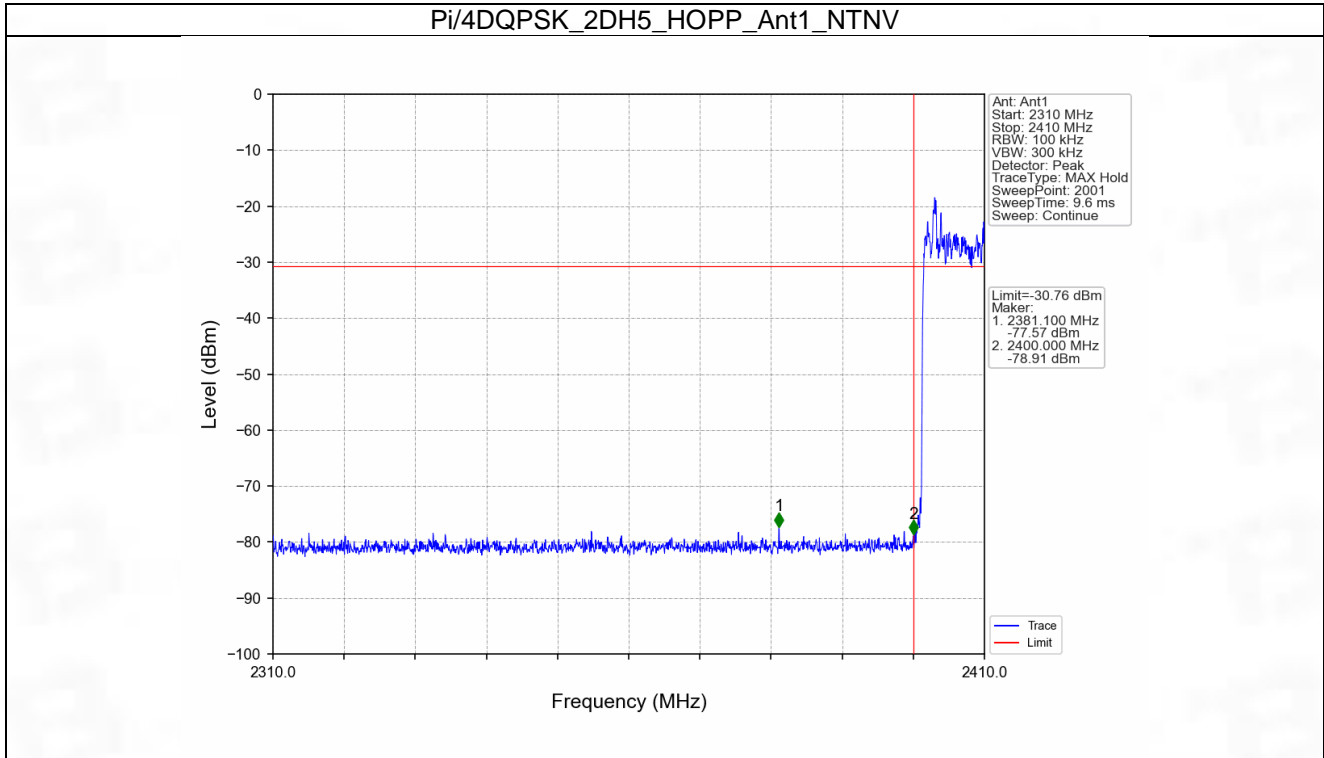


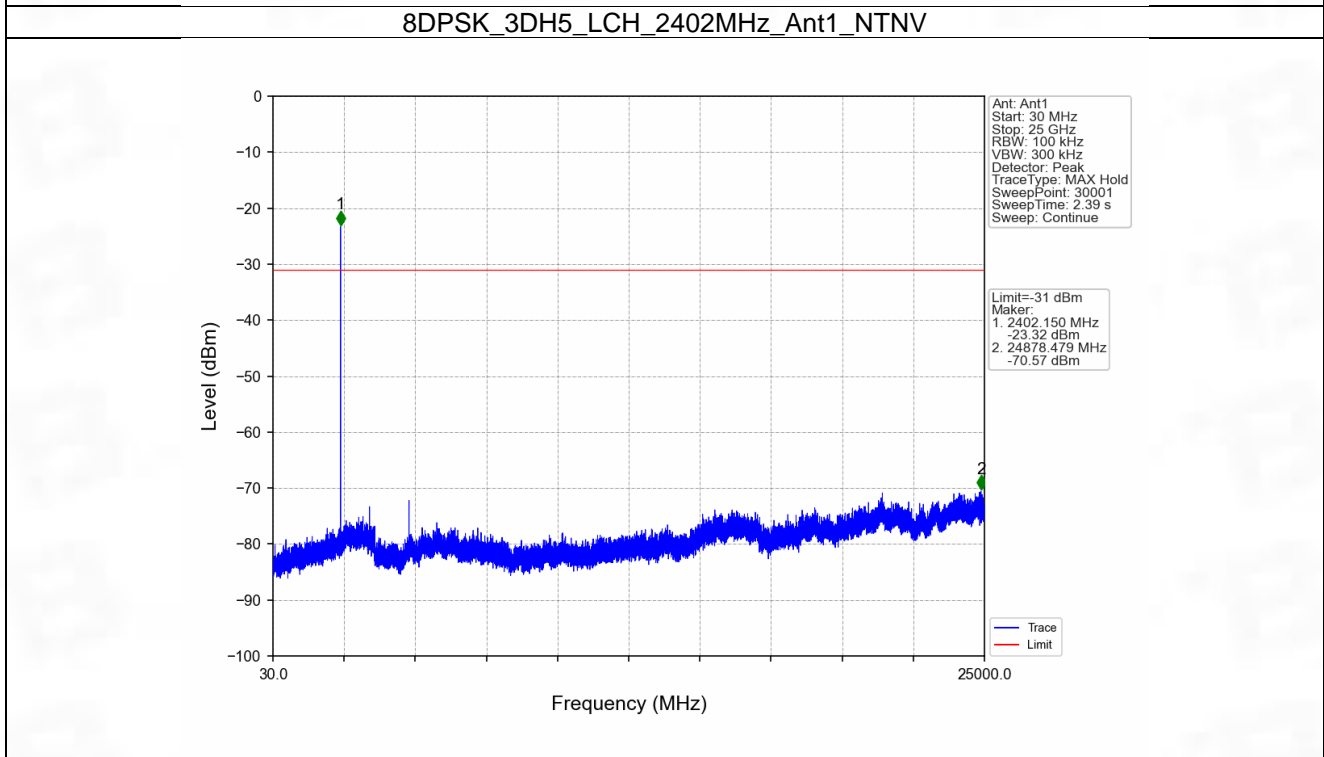
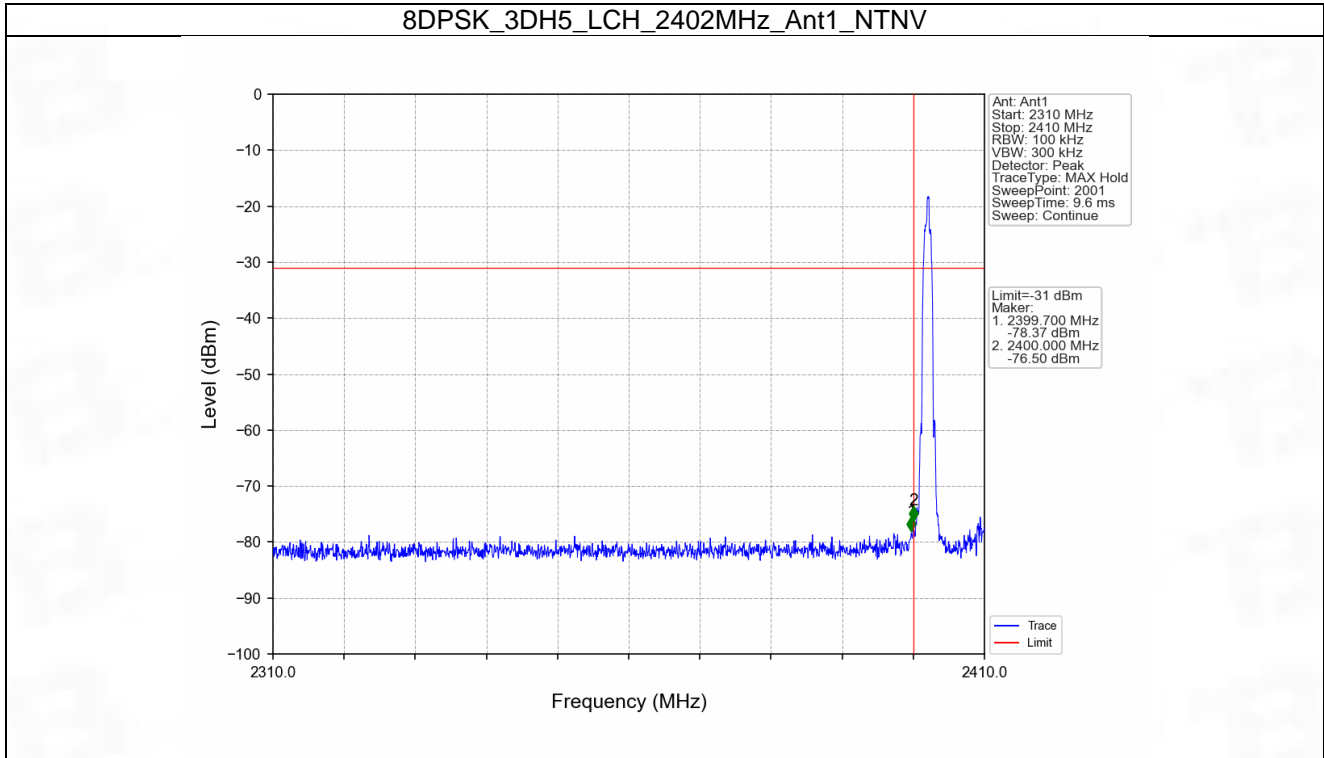


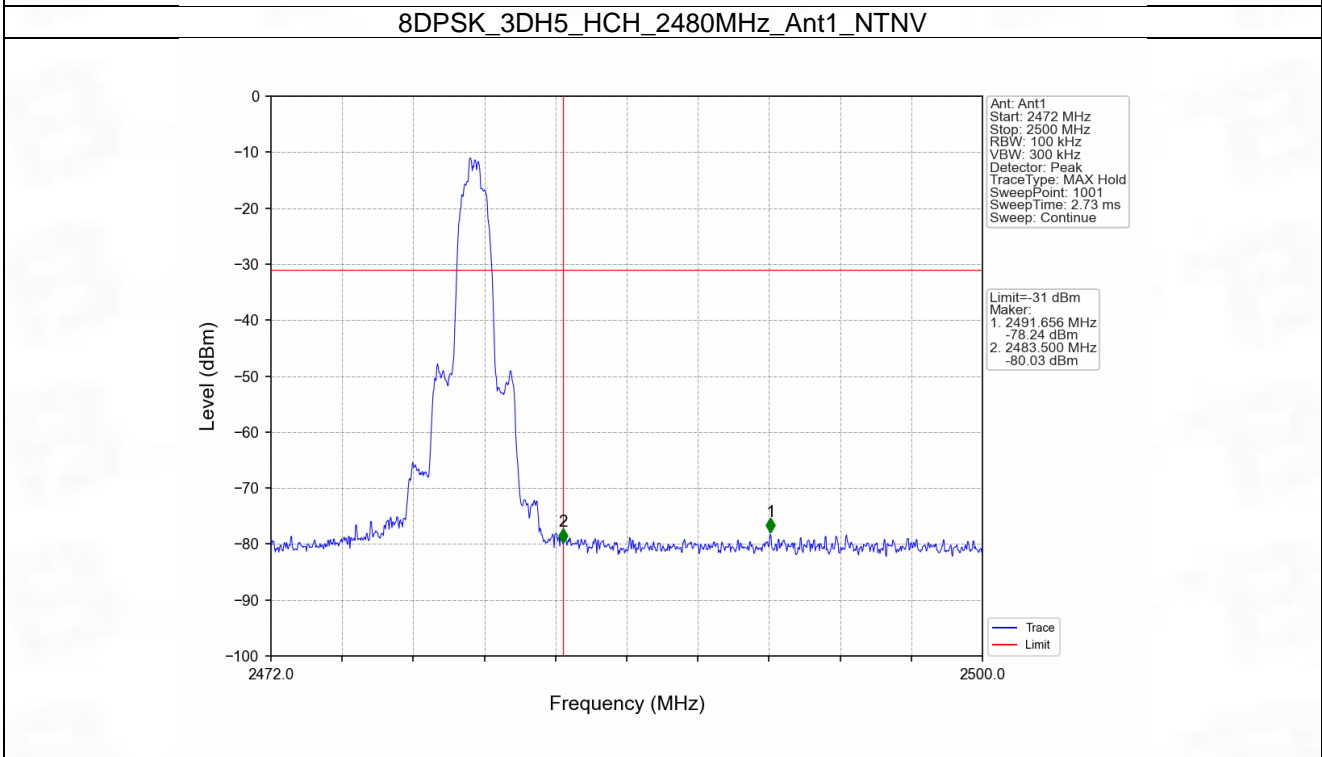
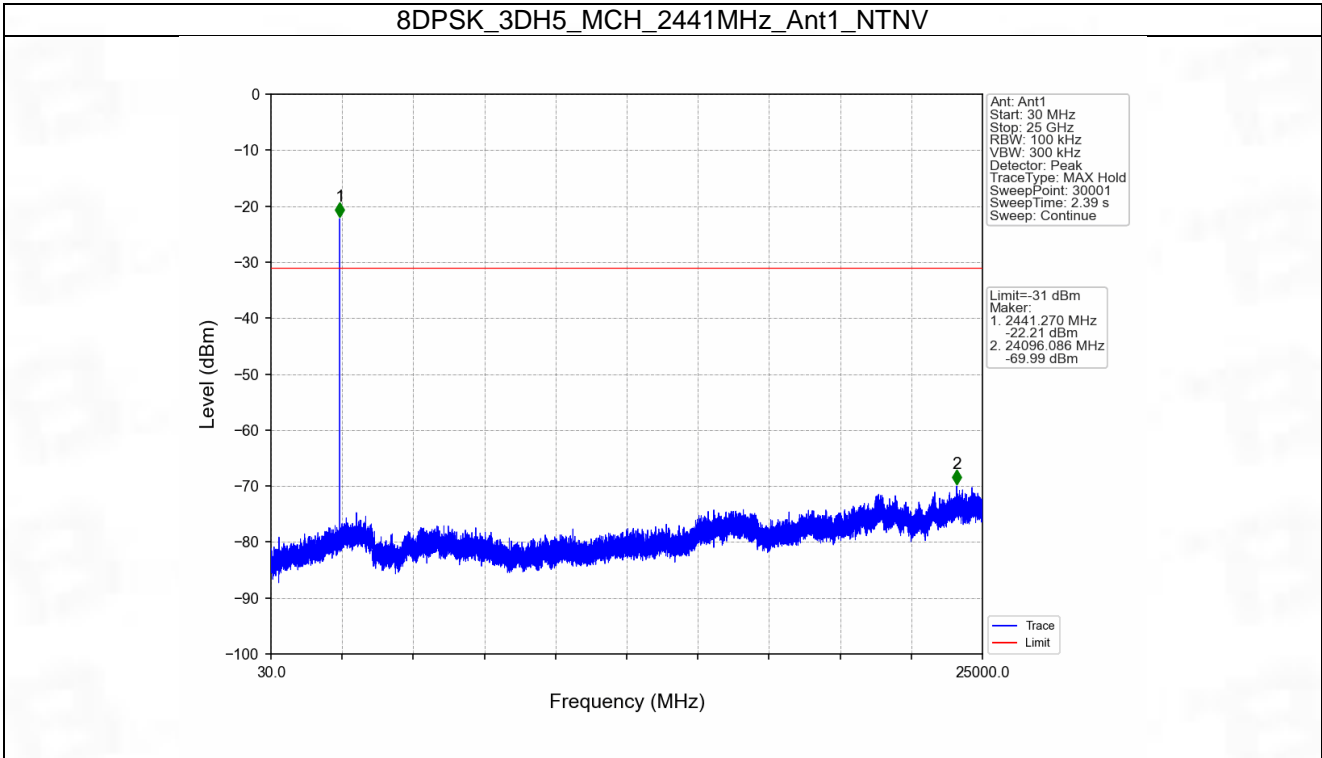


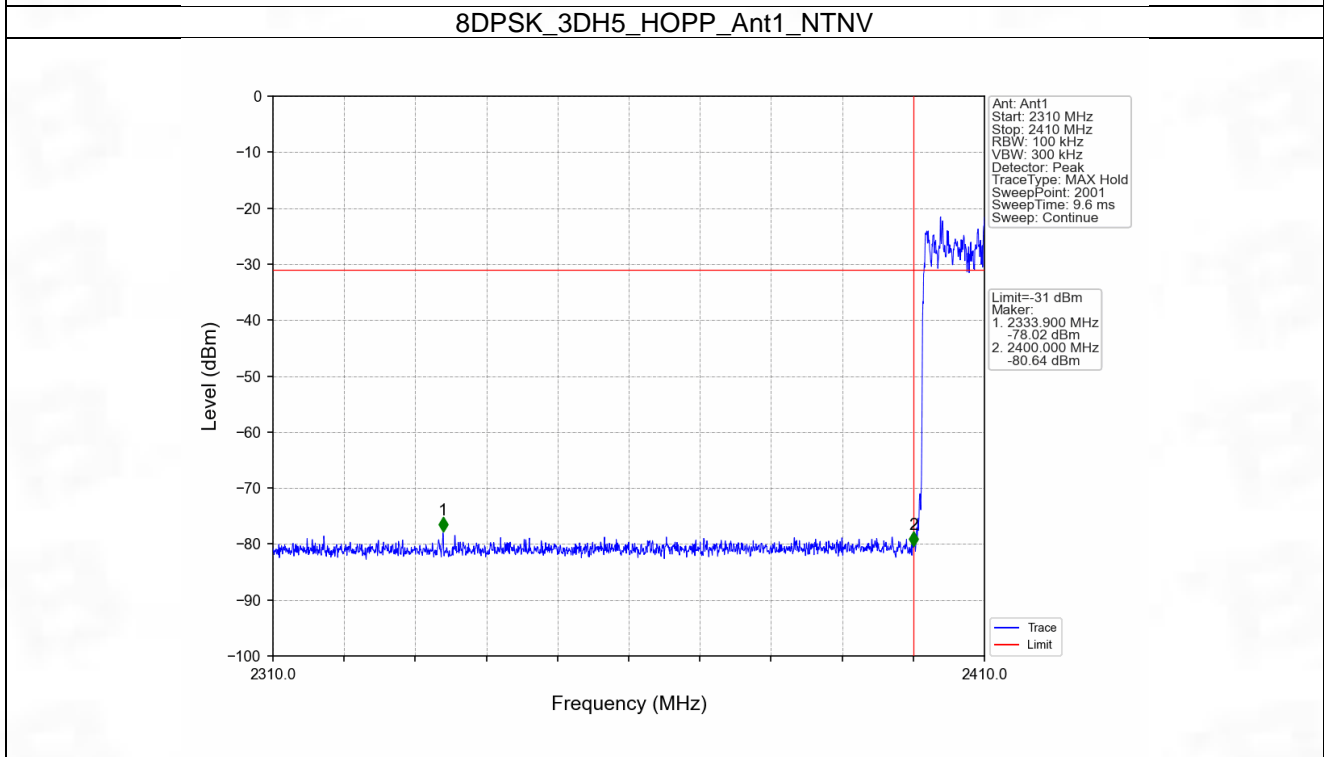
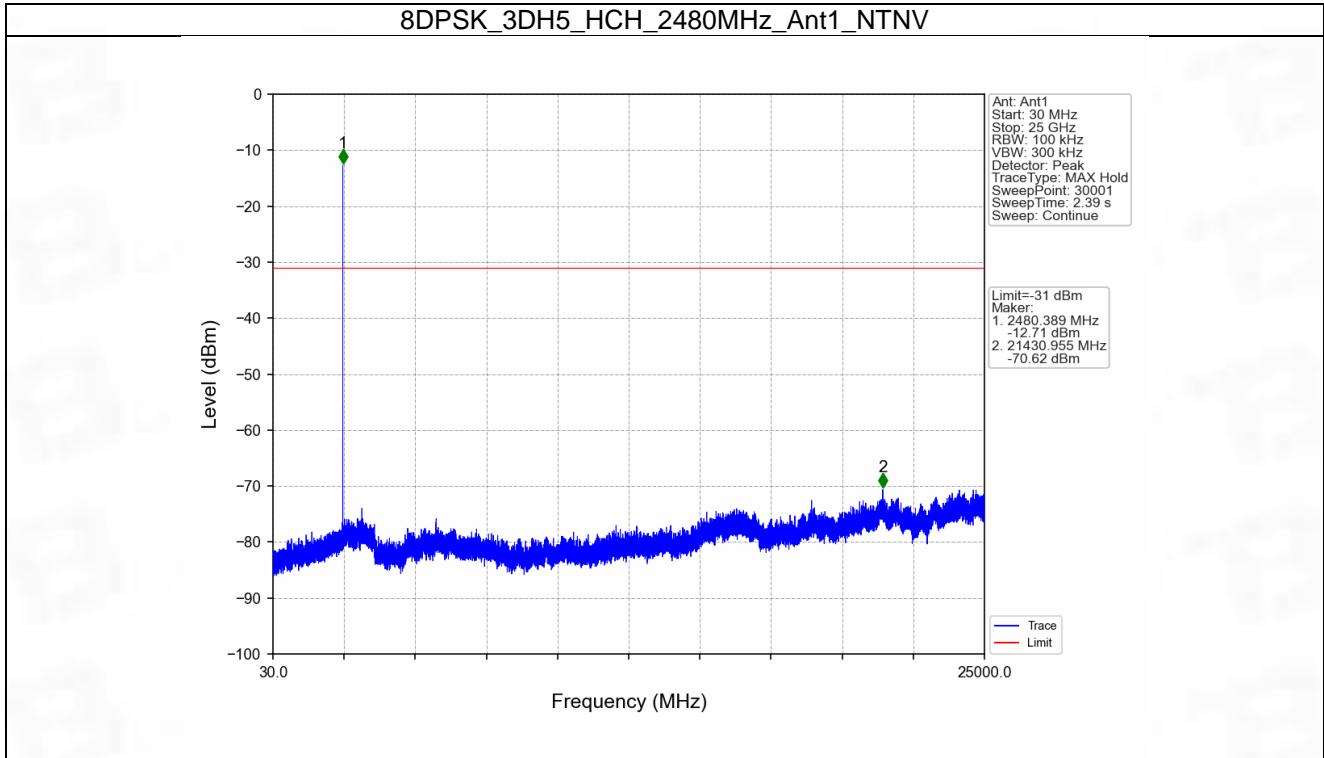


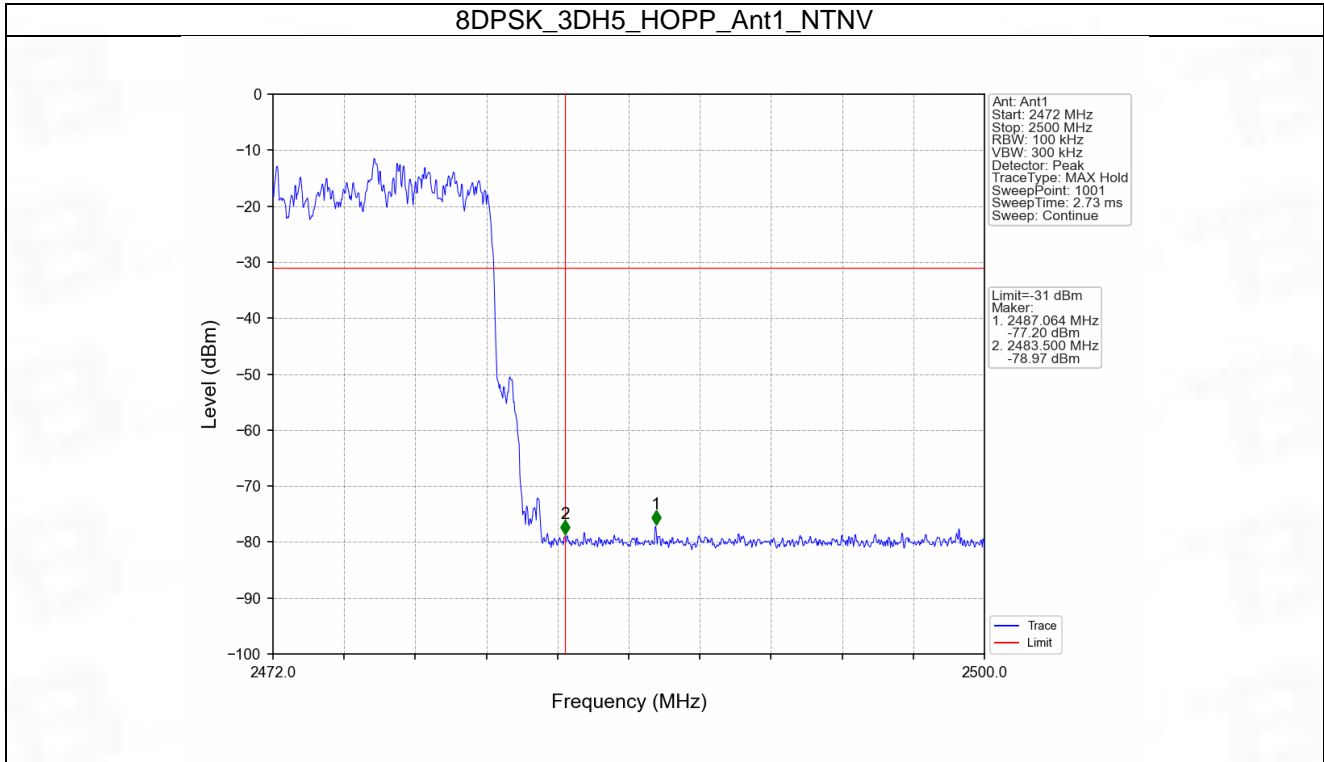












7. Form731

7.1 Form731

7.1.1 Test Result

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
2402	2480	0.0059	7.76



Test Report Number: BTF230921R00701



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-- END OF REPORT --