

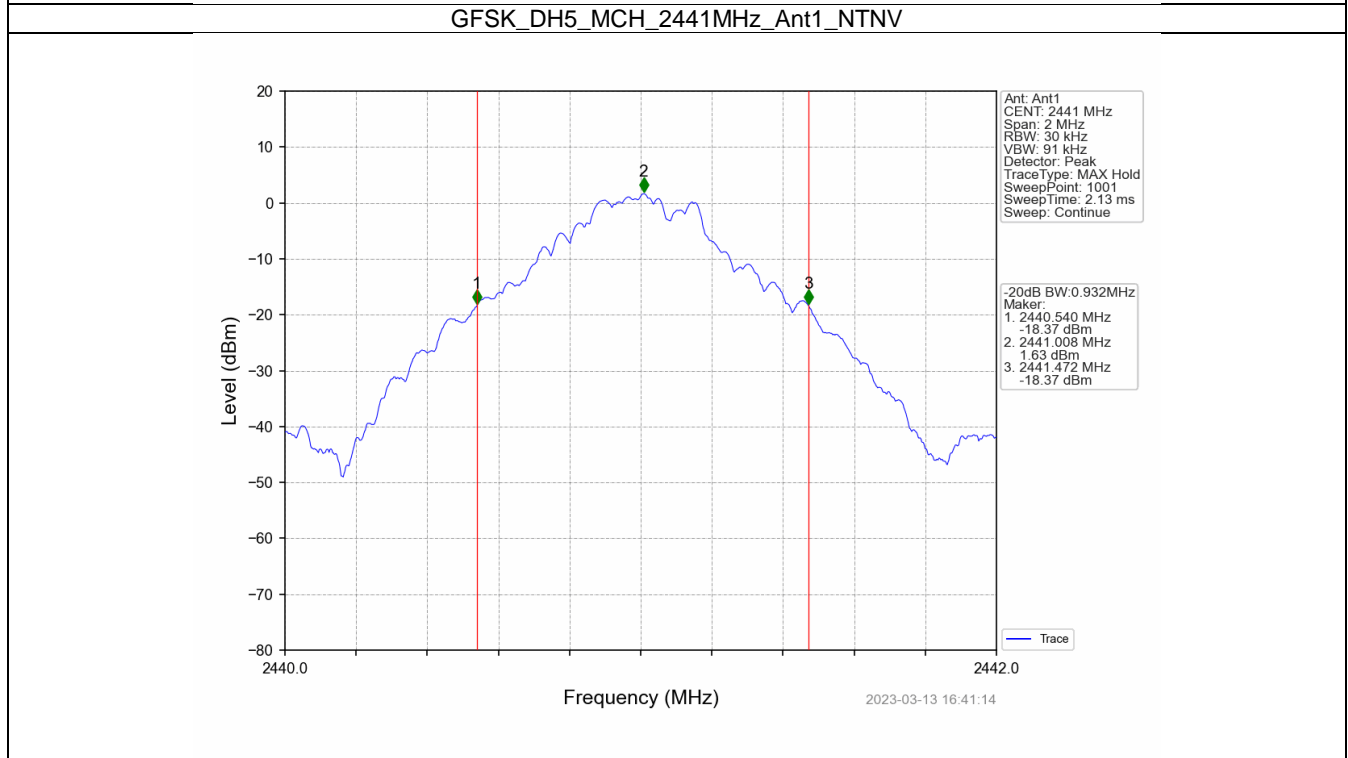
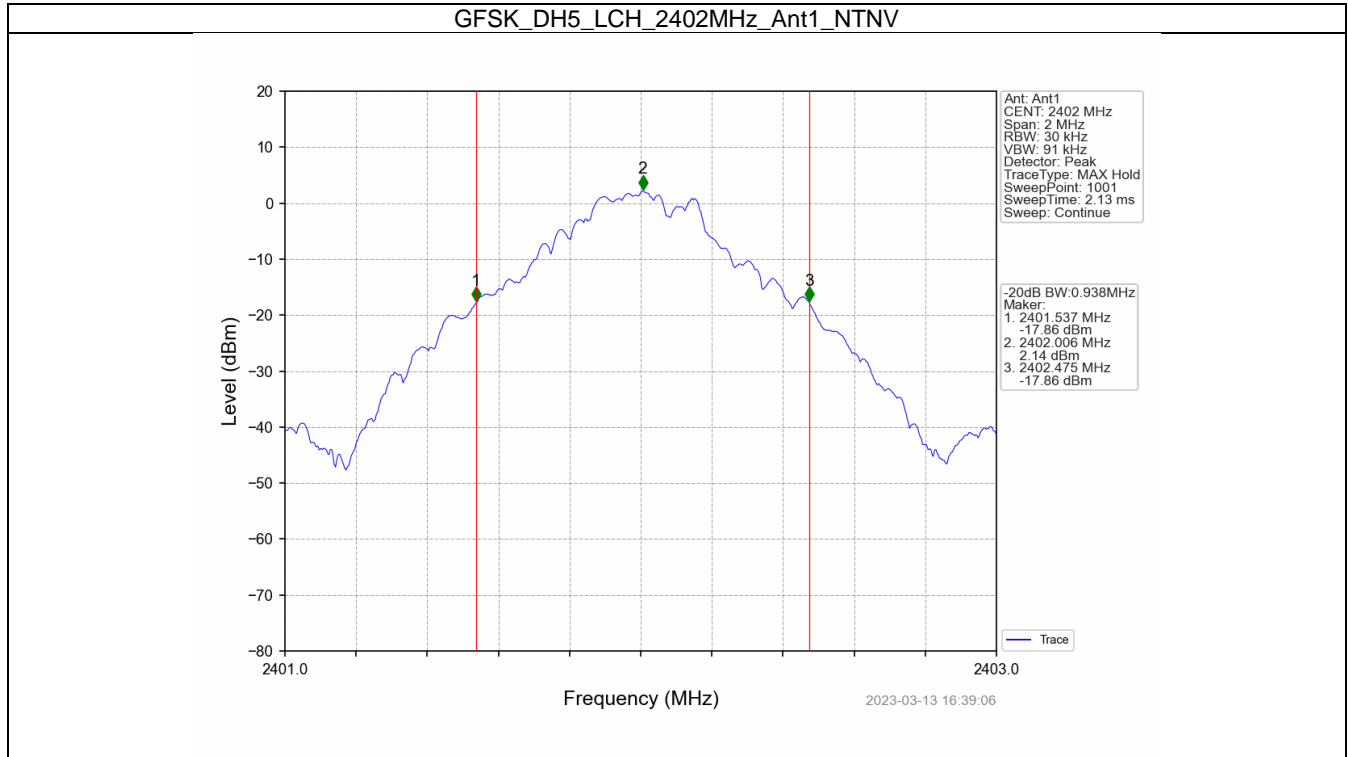
1. Bandwidth

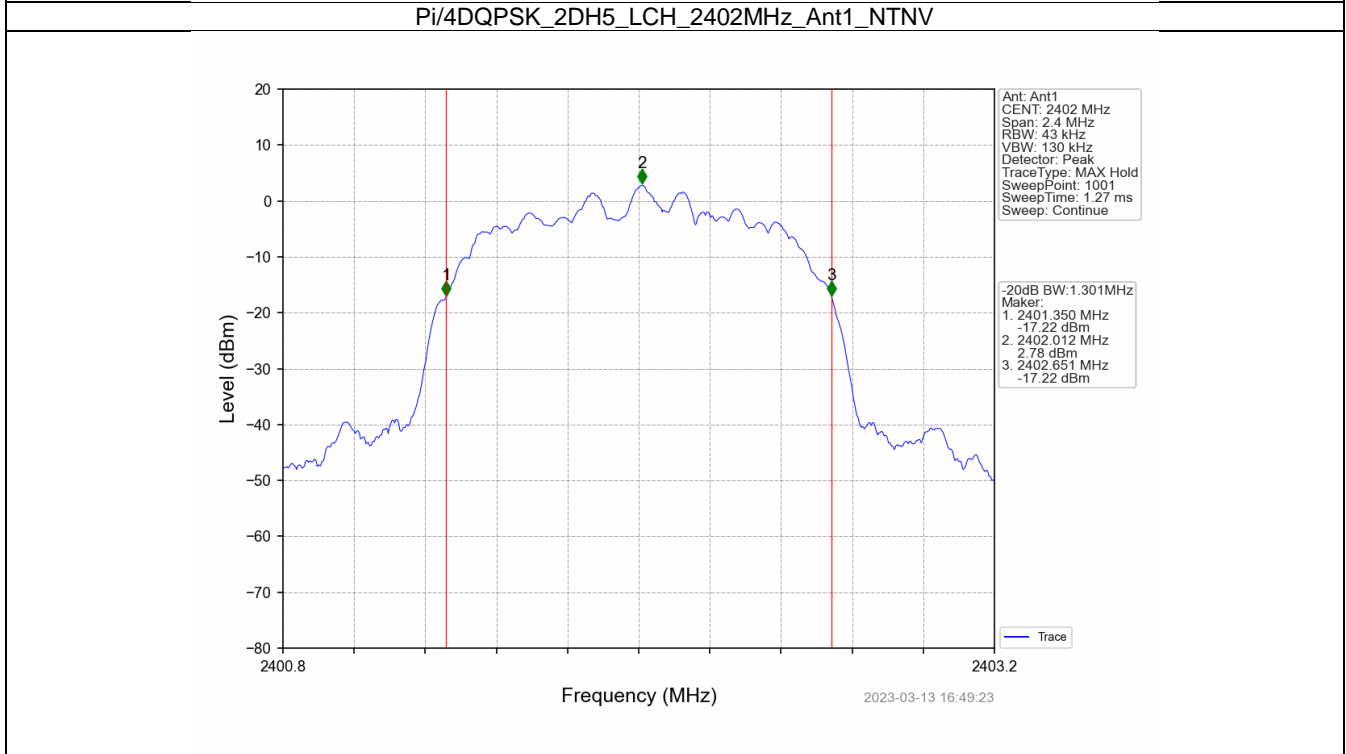
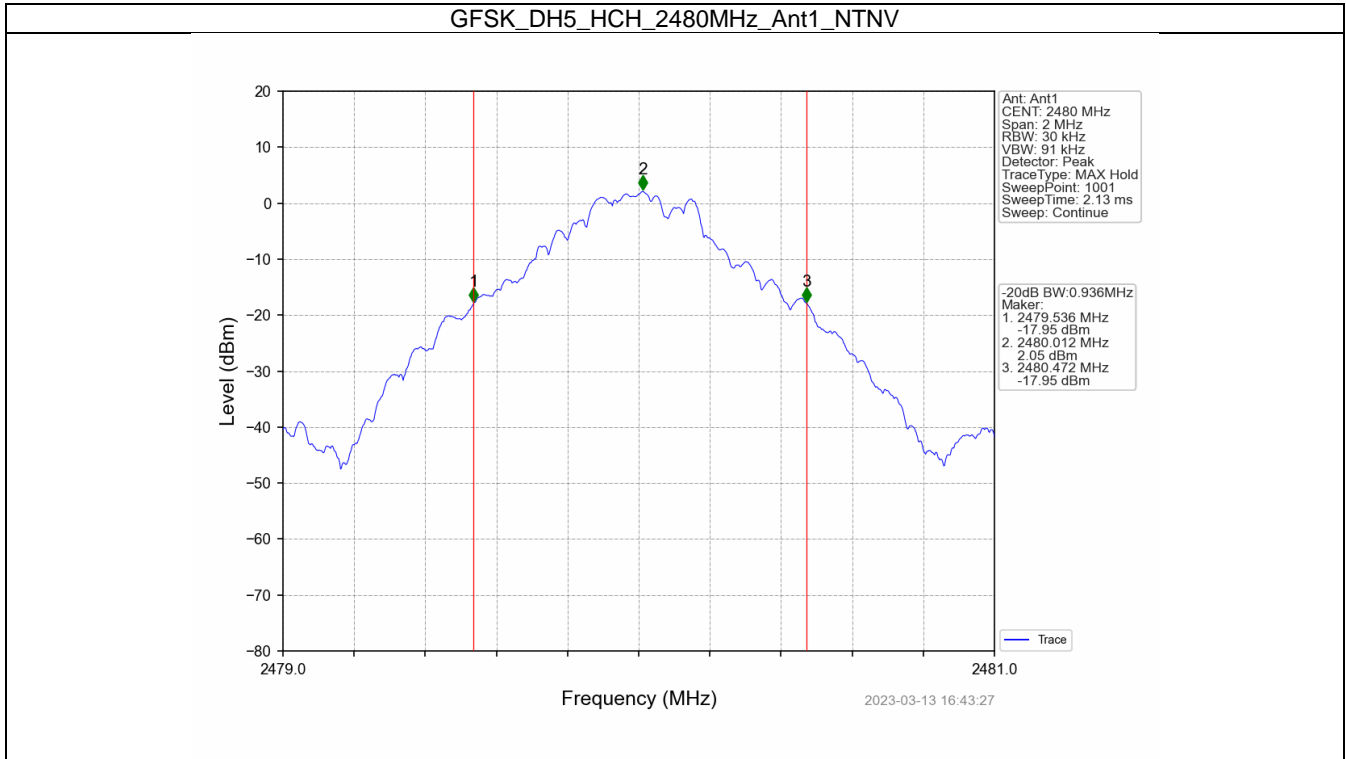
1.1 20dB BW

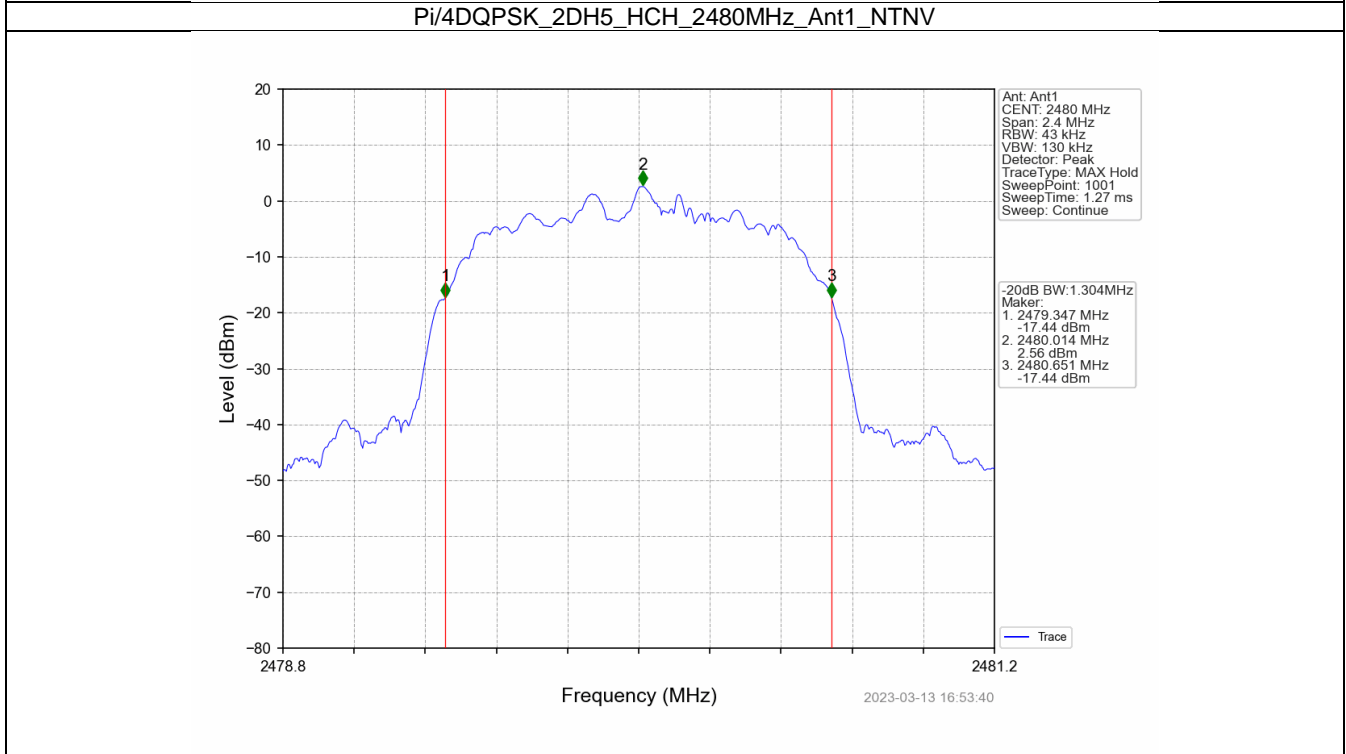
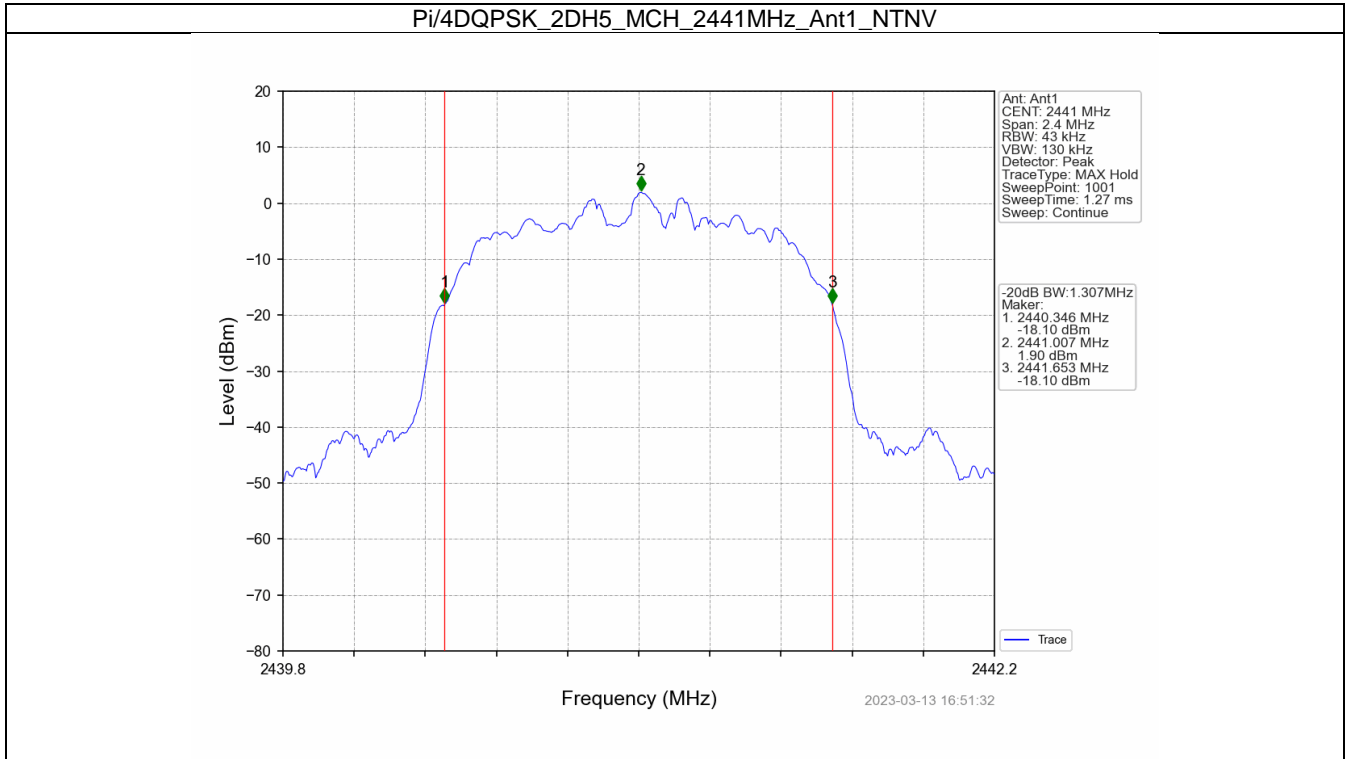
1.1.1 Test Result

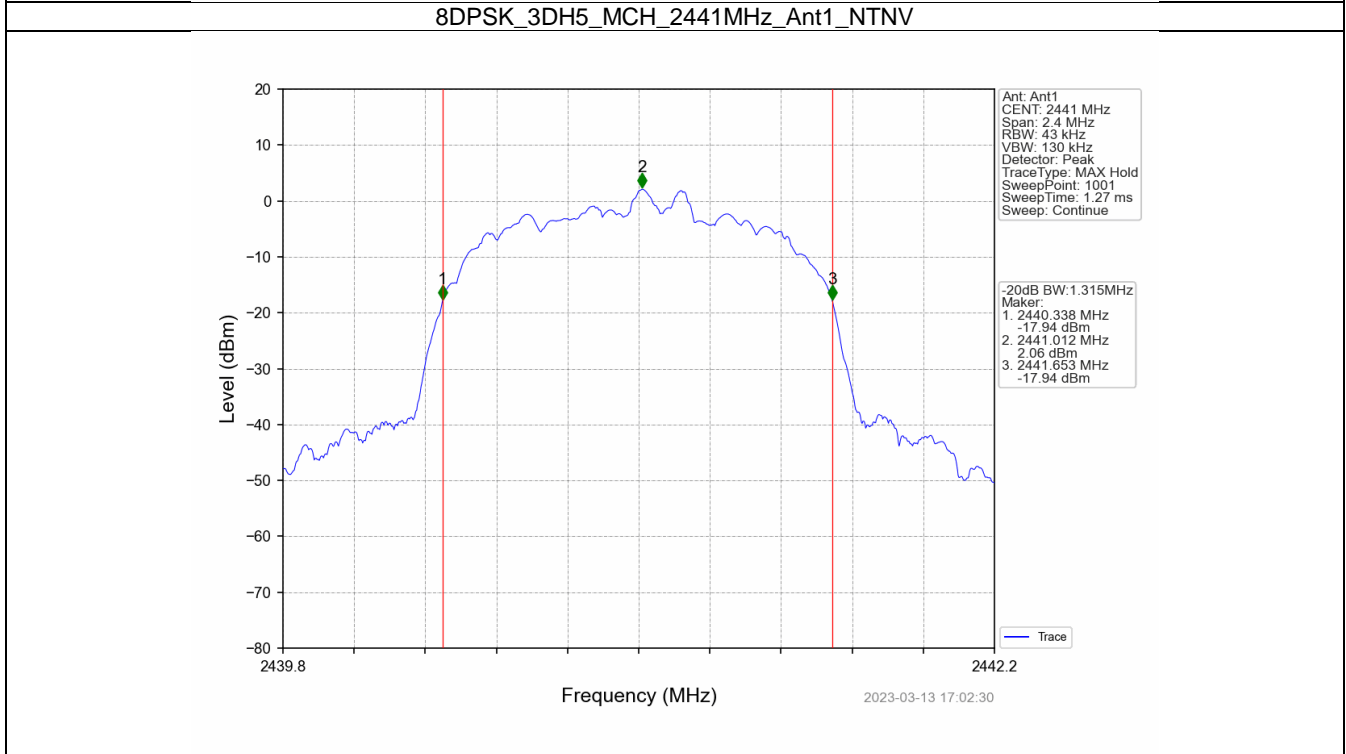
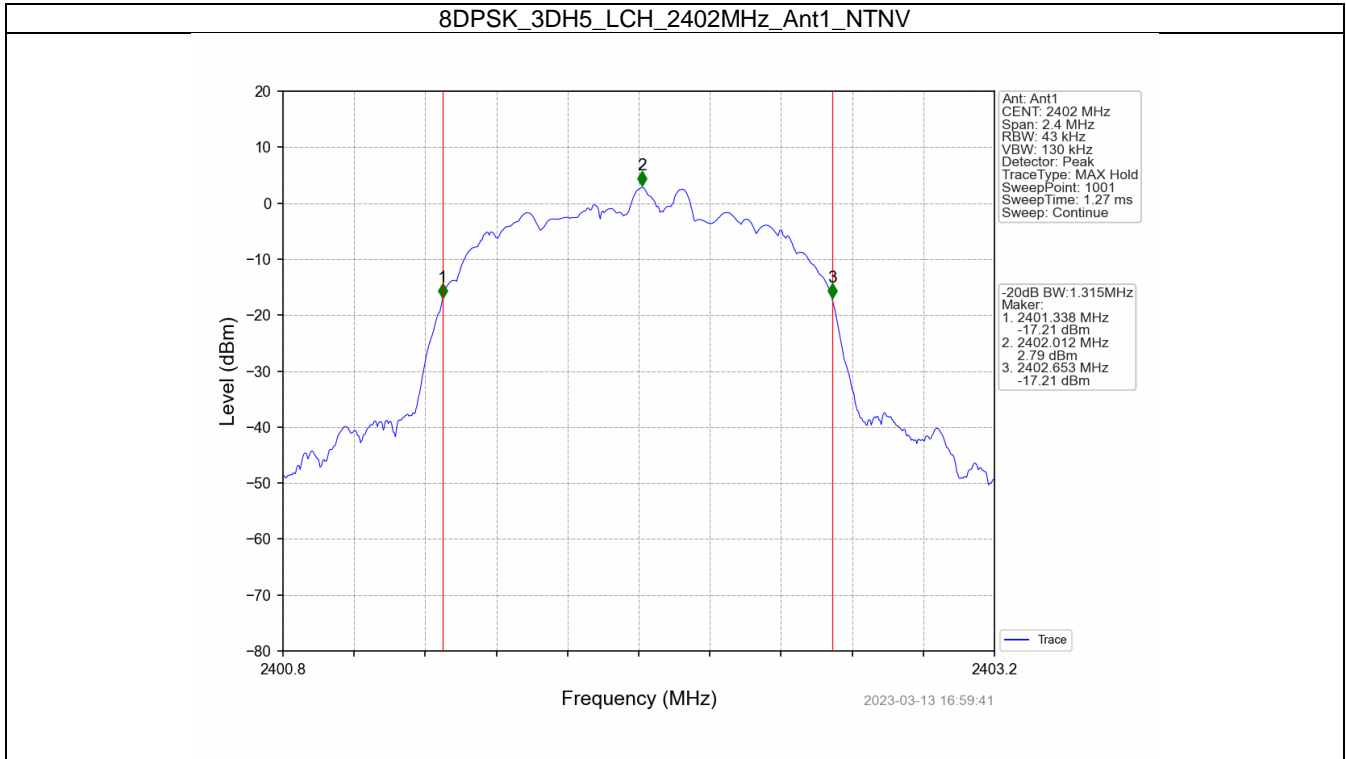
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	20dB Bandwidth (MHz)	Verdict
					Result	
GFSK	SISO	2402	DH5	1	0.938	Pass
		2441	DH5	1	0.932	Pass
		2480	DH5	1	0.936	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.301	Pass
		2441	2DH5	1	1.307	Pass
		2480	2DH5	1	1.304	Pass
8DPSK	SISO	2402	3DH5	1	1.315	Pass
		2441	3DH5	1	1.315	Pass
		2480	3DH5	1	1.316	Pass

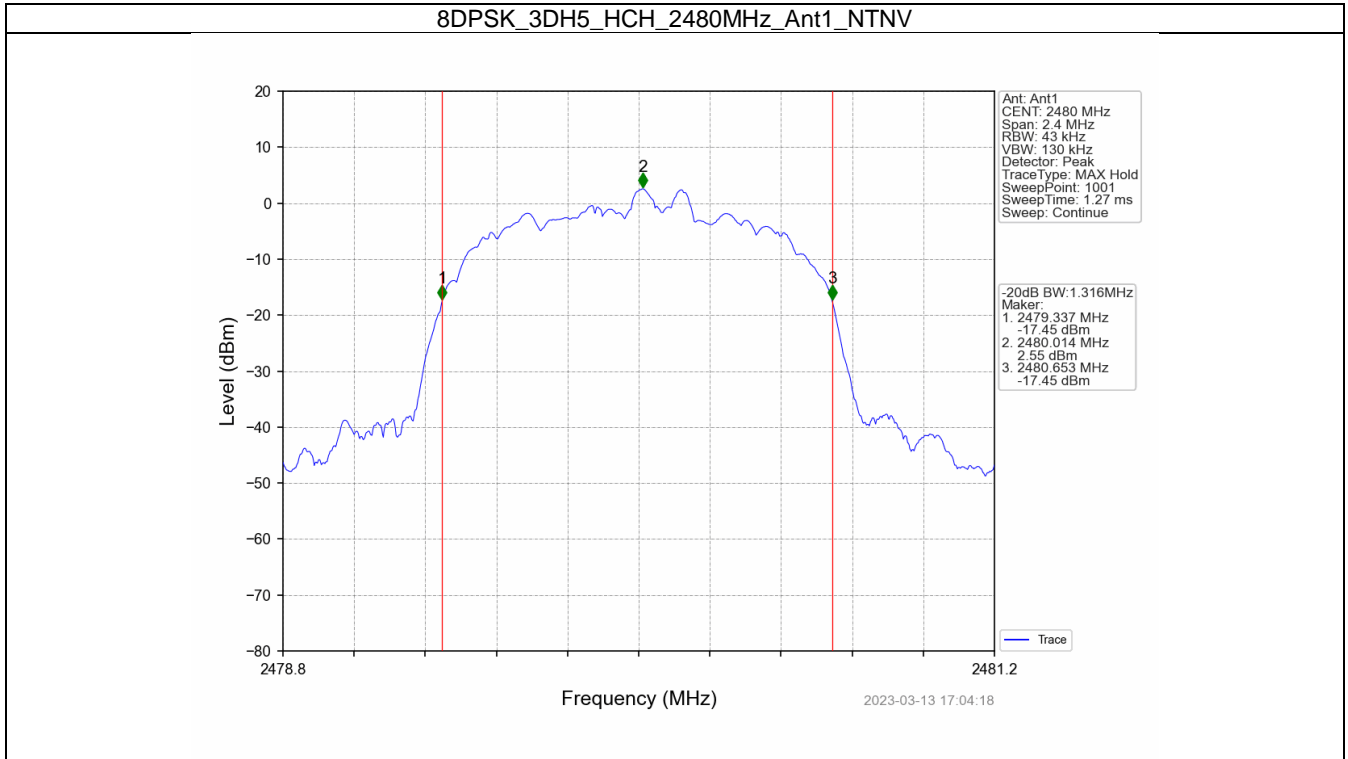
1.1.2 Test Graph











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	6.22	<=30	Pass
		2441	DH5	5.58	<=30	Pass
		2480	DH5	6.10	<=30	Pass
Pi/4DQPSK	SISO	2402	2DH5	8.18	<=20.97	Pass
		2441	2DH5	7.55	<=20.97	Pass
		2480	2DH5	7.99	<=20.97	Pass
8DPSK	SISO	2402	3DH5	8.58	<=20.97	Pass
		2441	3DH5	7.97	<=20.97	Pass
		2480	3DH5	8.38	<=20.97	Pass

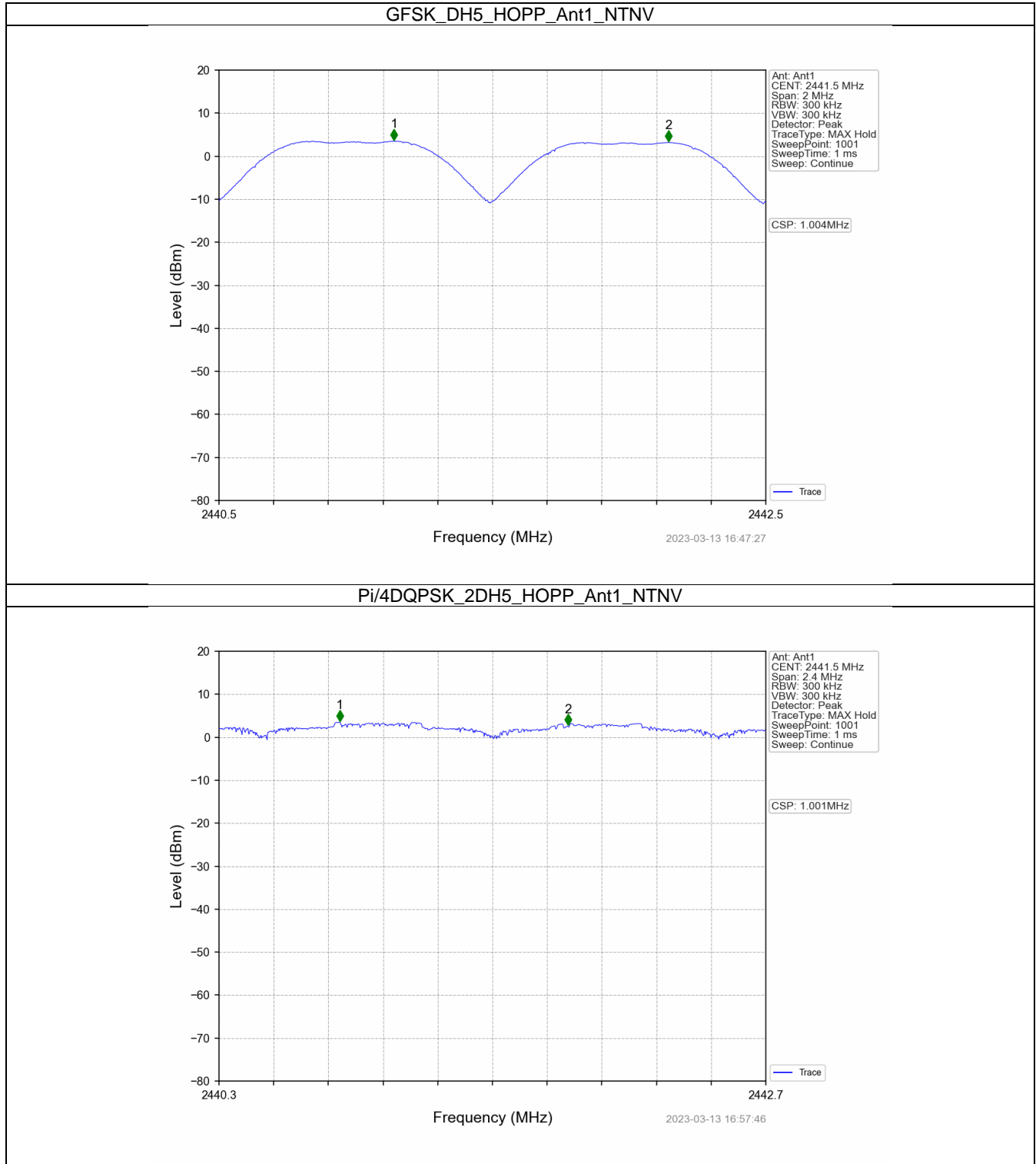
3. Carrier Frequency Separation

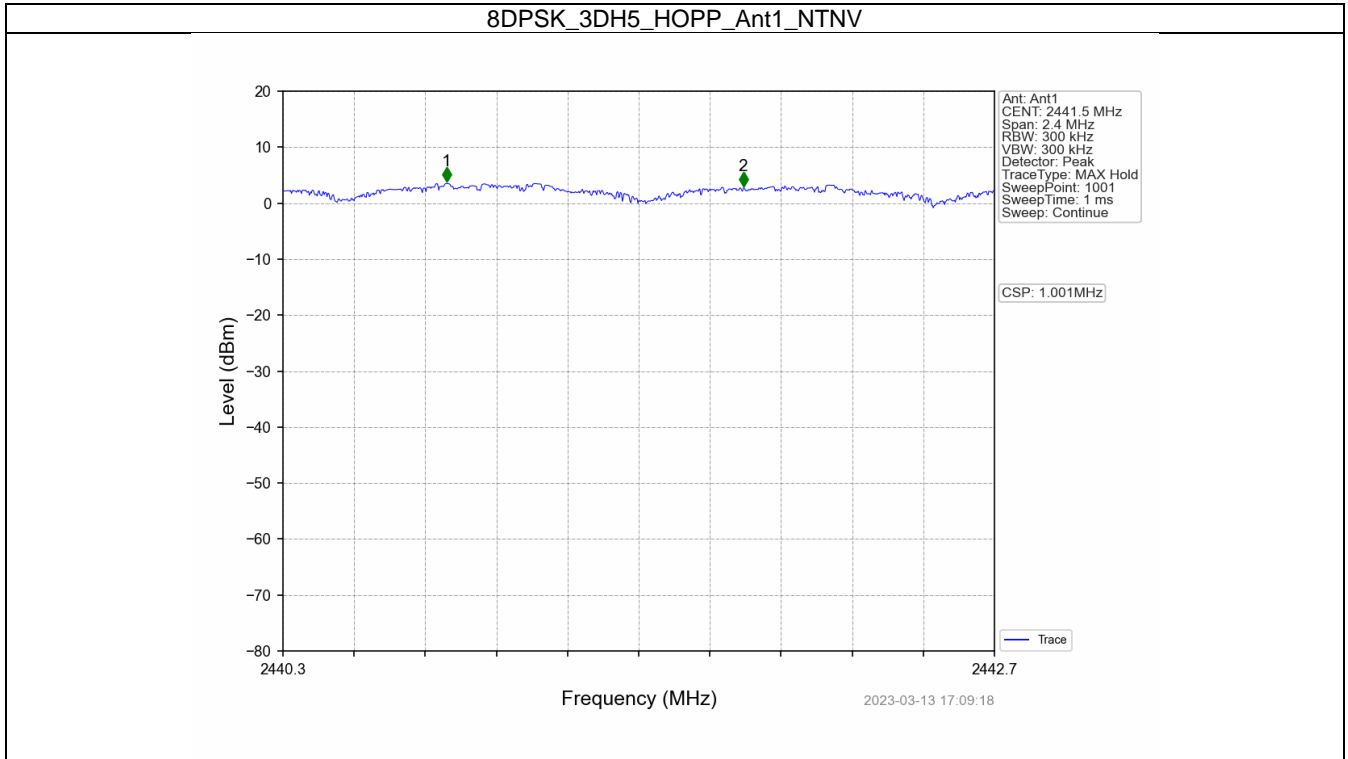
3.1 Ant1

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	1.004	0.938	≥ 0.938	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	1.001	1.307	≥ 0.871	Pass
8DPSK	SISO	HOPP	3DH5	1.001	1.316	≥ 0.877	Pass

3.1.2 Test Graph





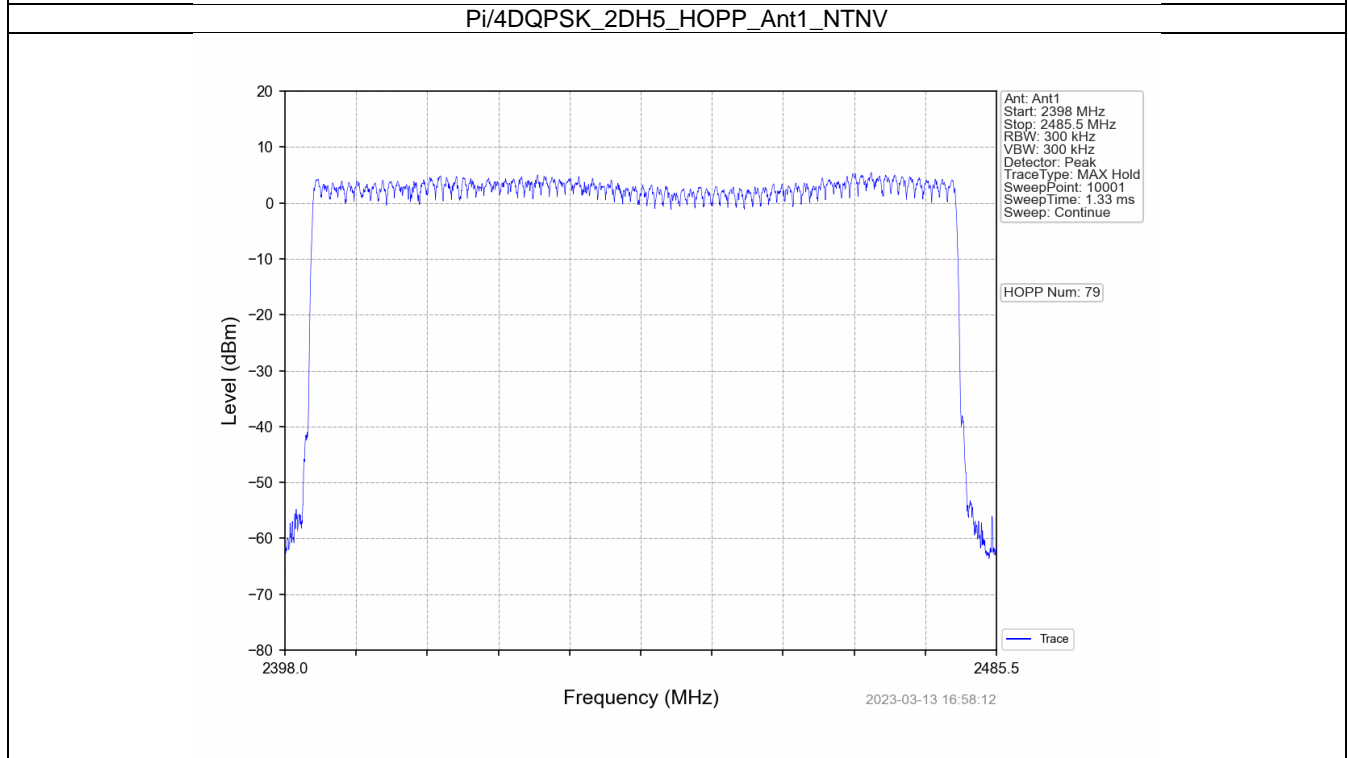
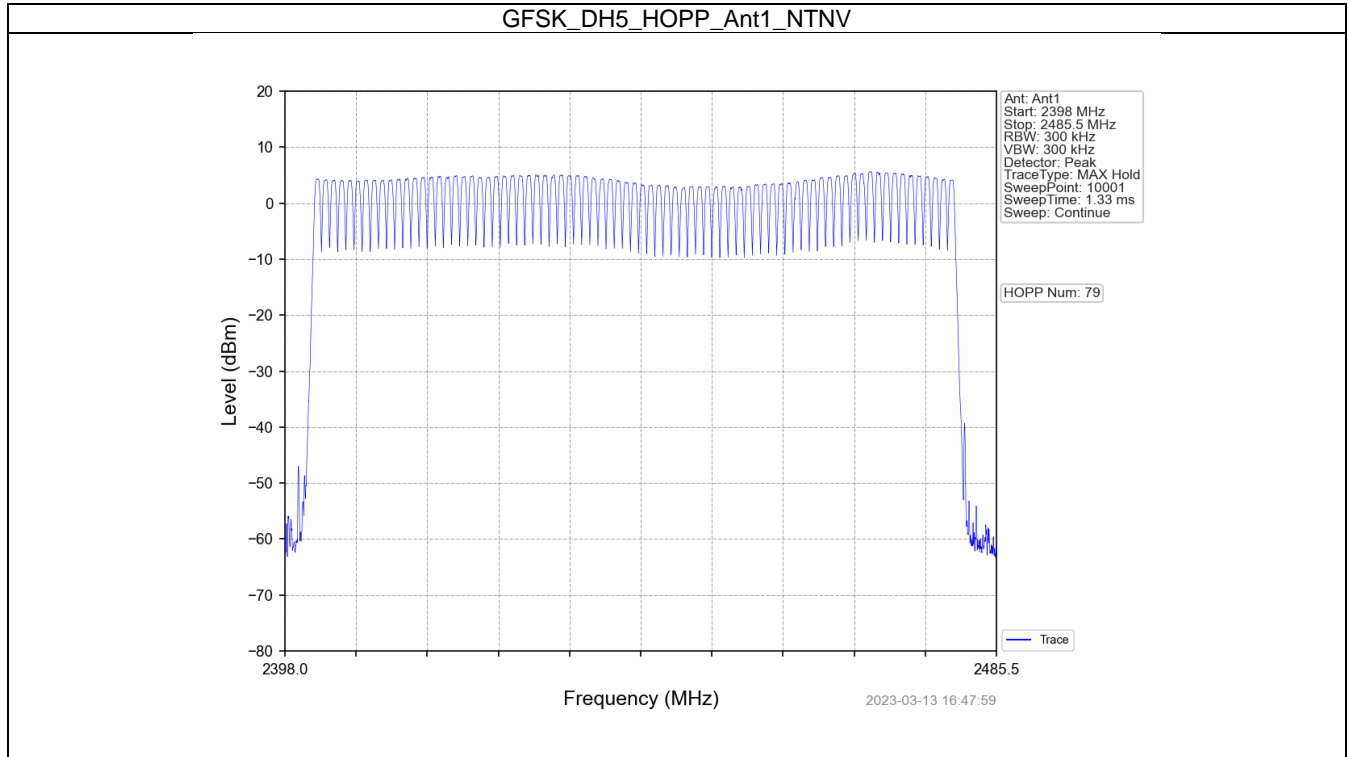
4. Number of Hopping Frequencies

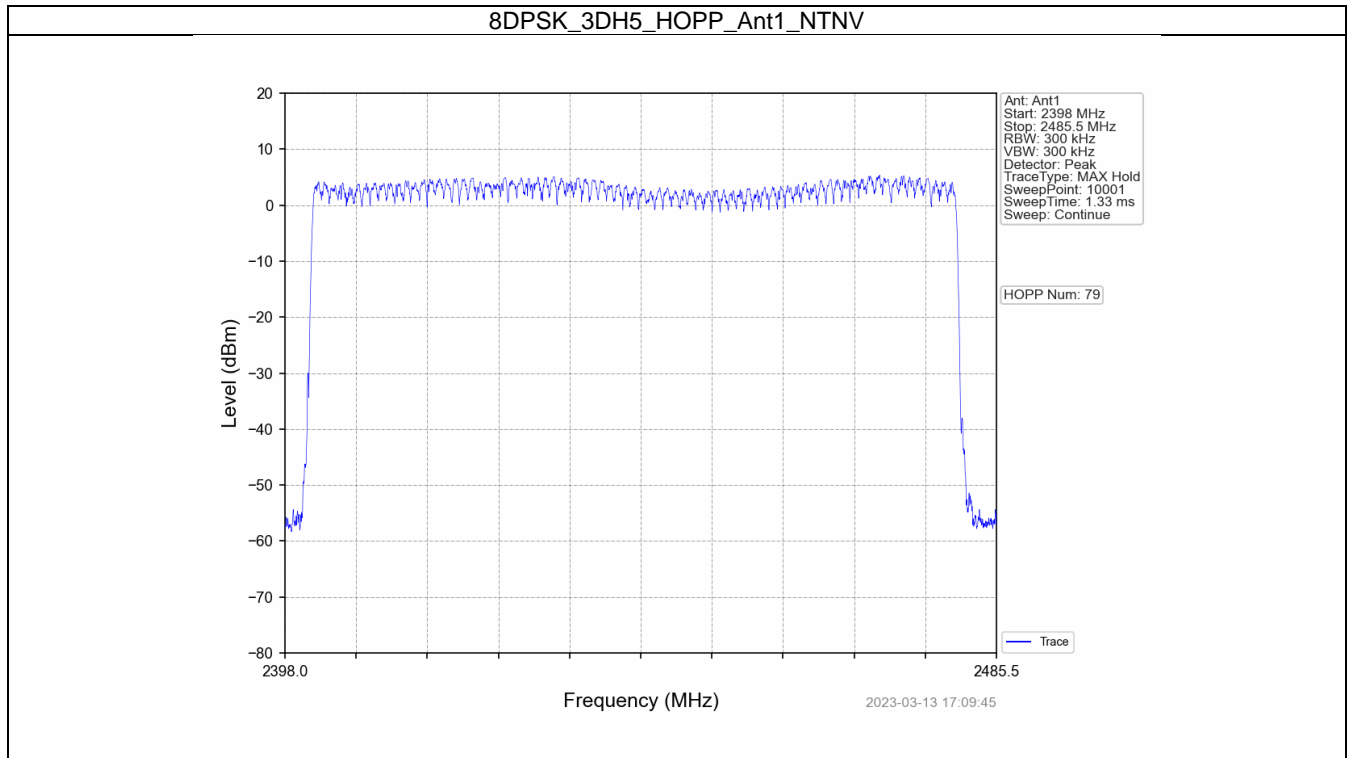
4.1 HoppNum

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





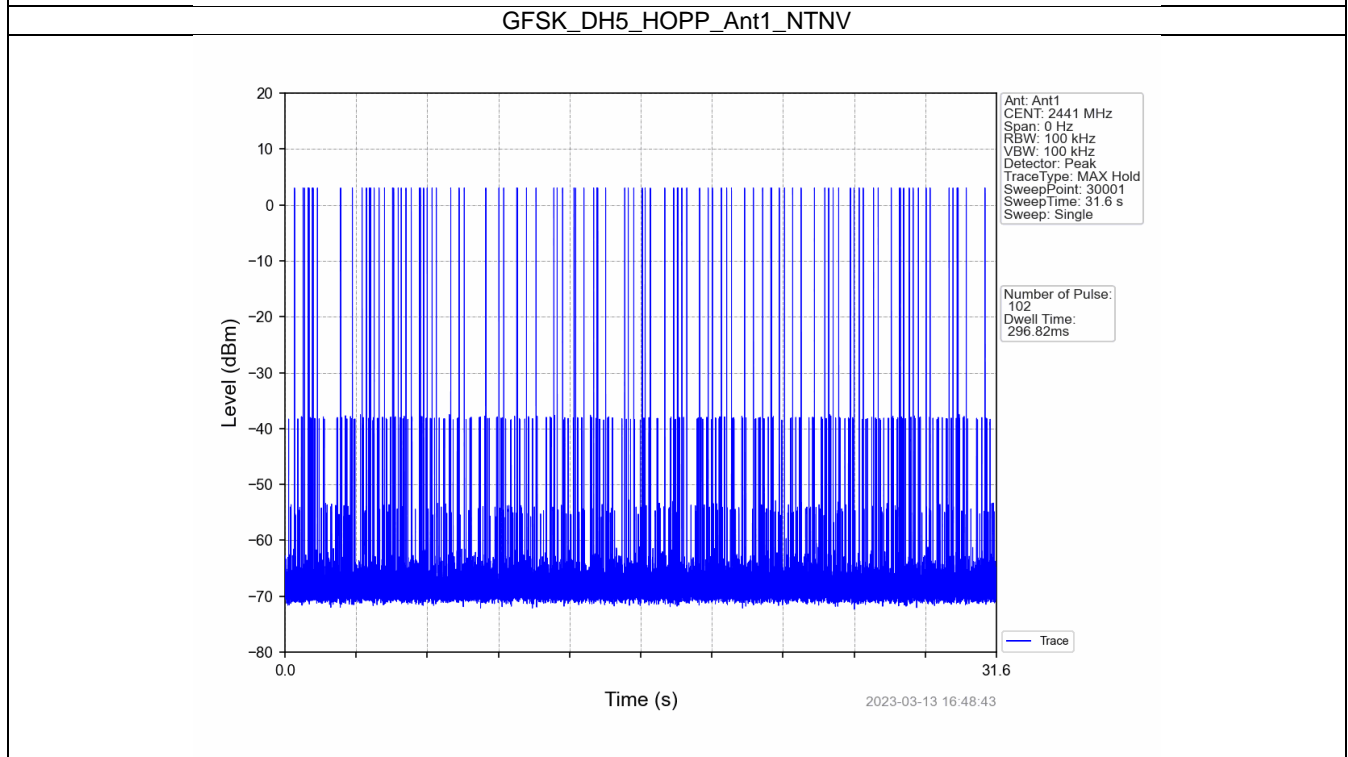
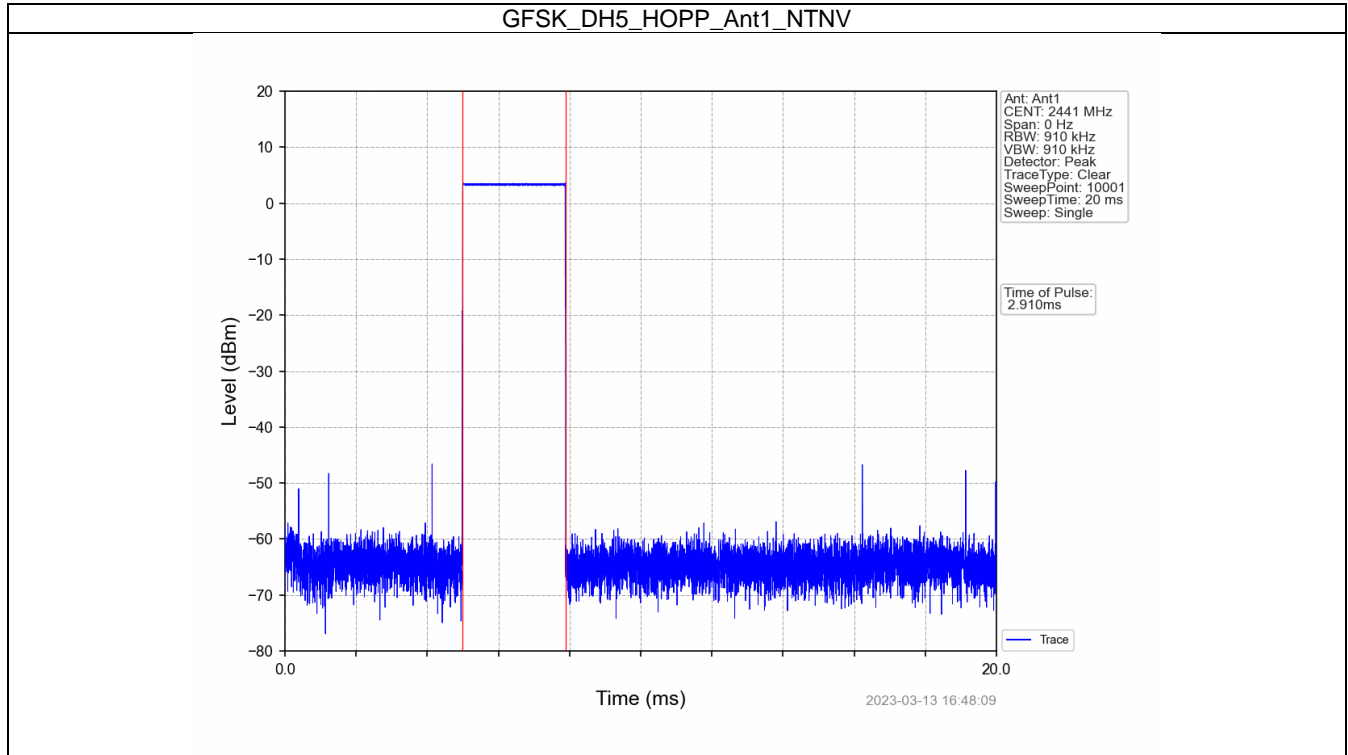
5. Time of Occupancy (Dwell Time)

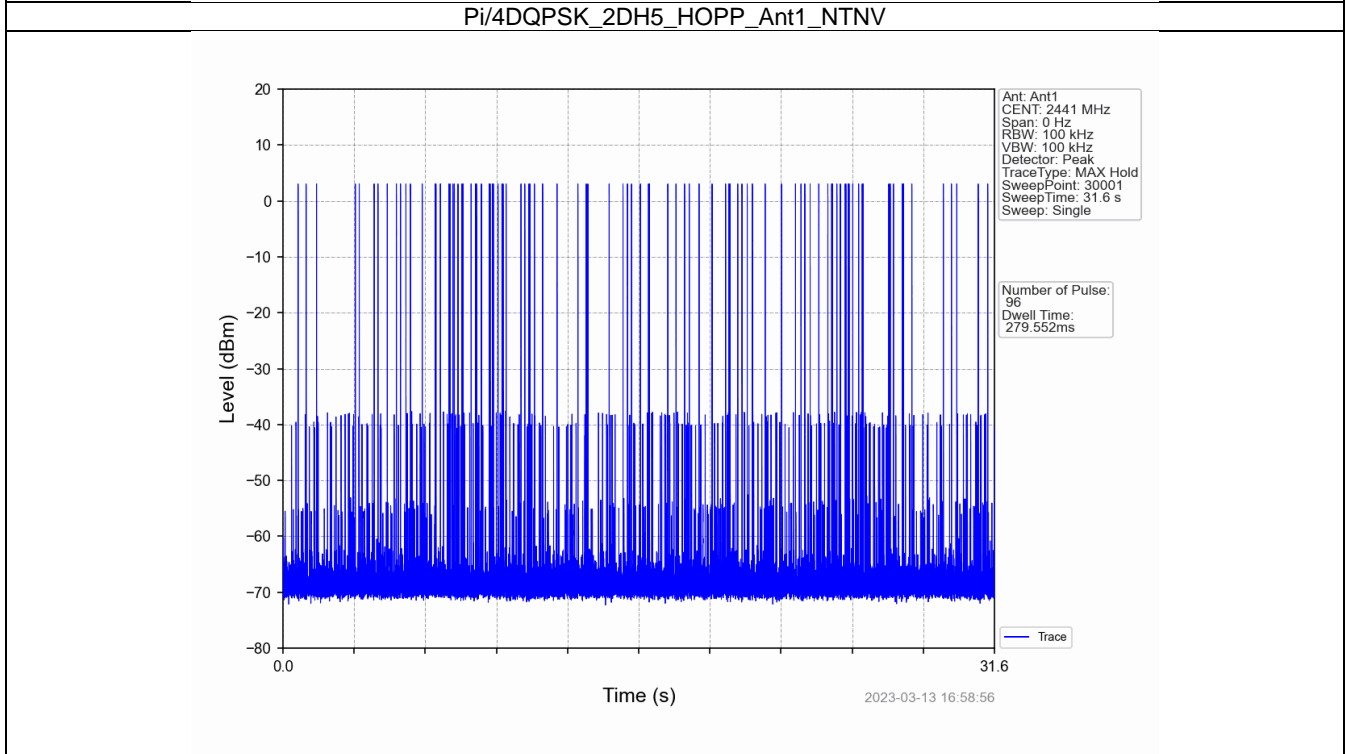
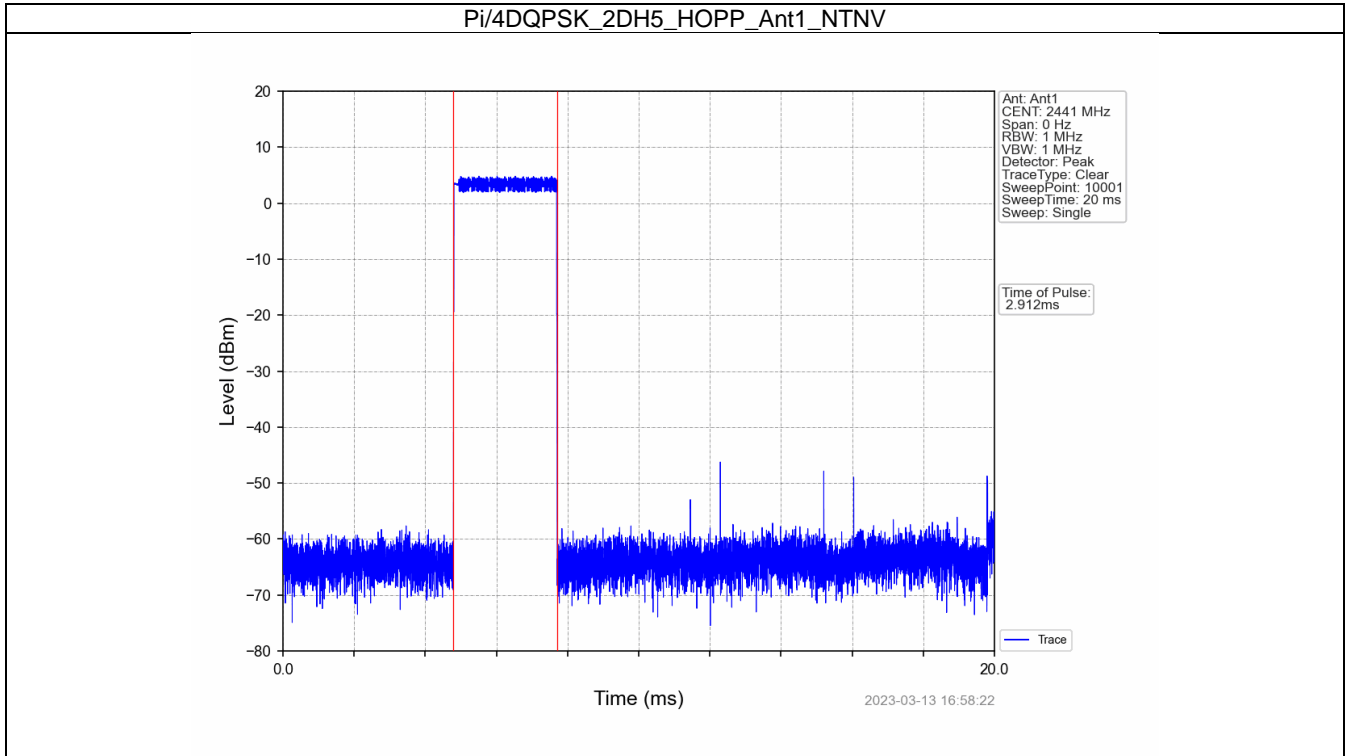
5.1 Ant1

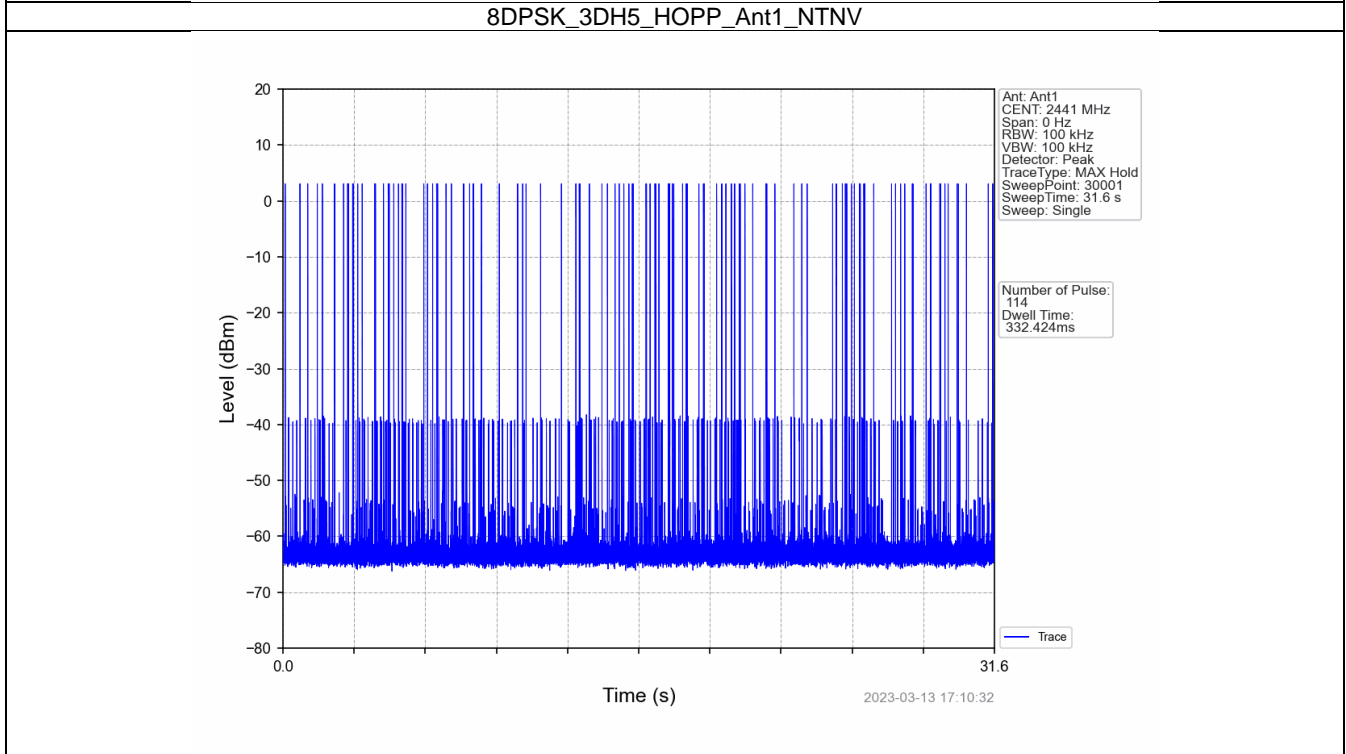
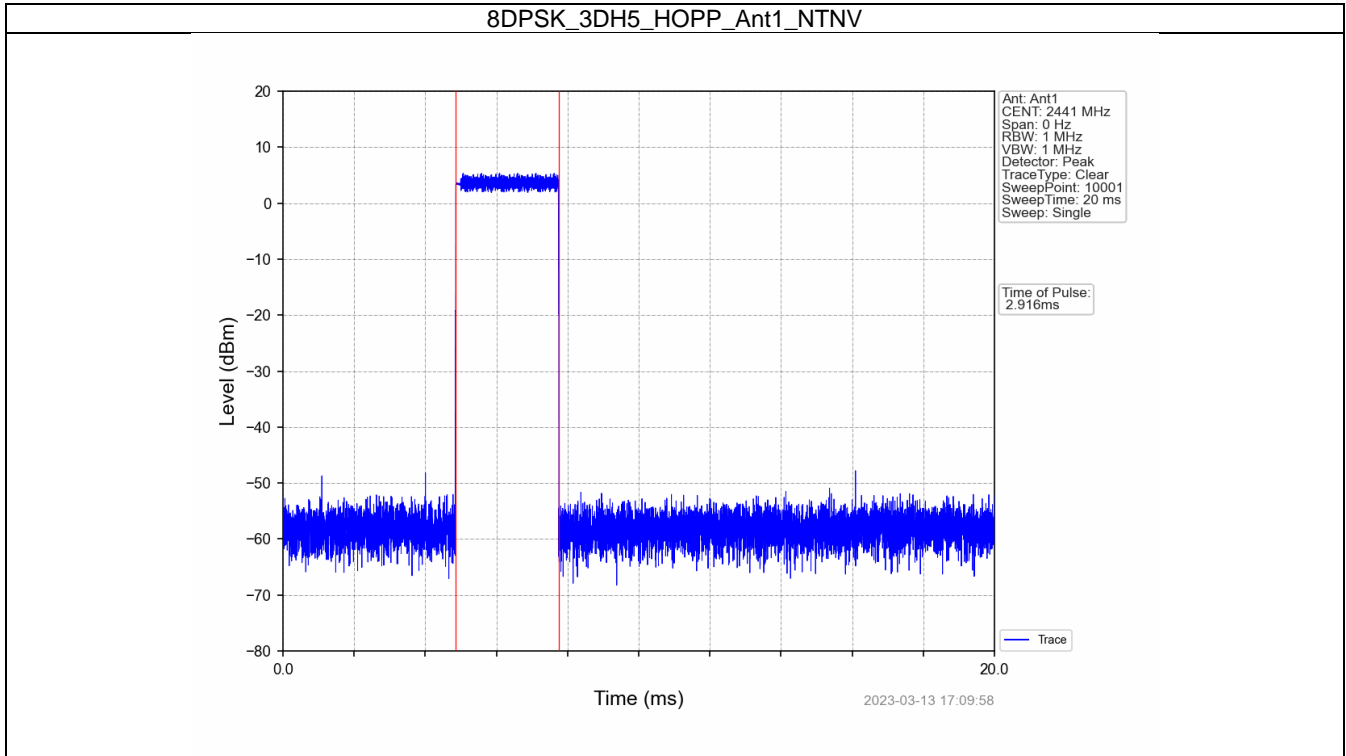
5.1.1 Test Result

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	DH5	2.910	31.600	102	296.820	<=400	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	2.912	31.600	96	279.552	<=400	Pass
8DPSK	SISO	HOPP	3DH5	2.916	31.600	114	332.424	<=400	Pass

5.1.2 Test Graph







6. Unwanted Emissions In Non-restricted Frequency Bands

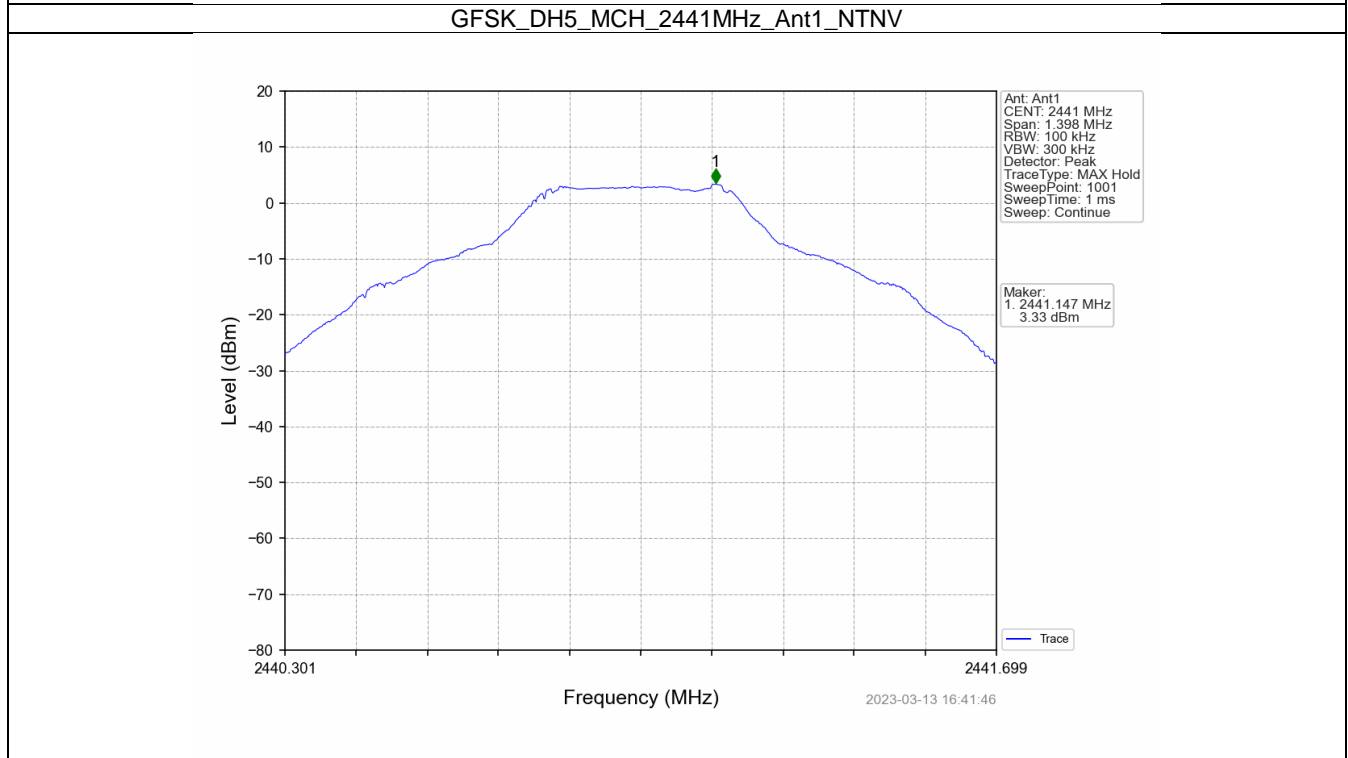
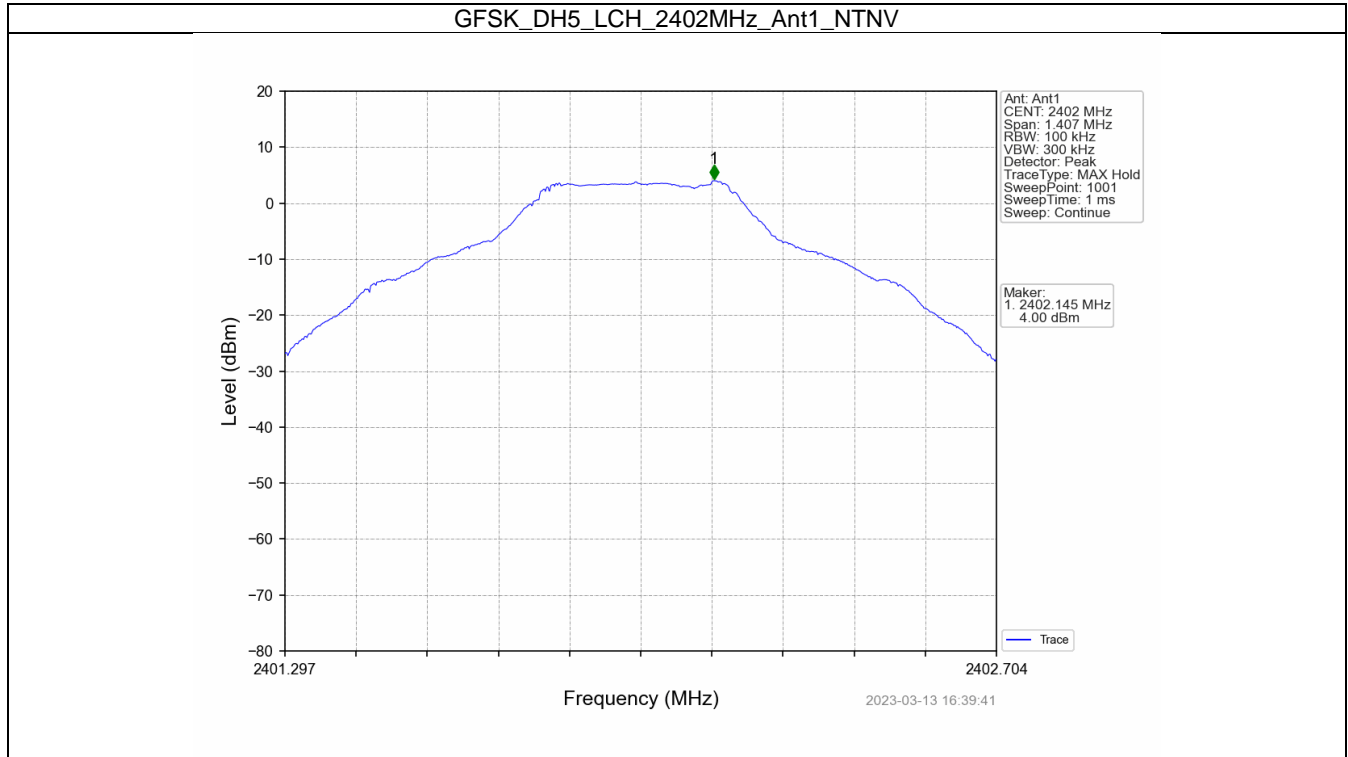
6.1 Ref

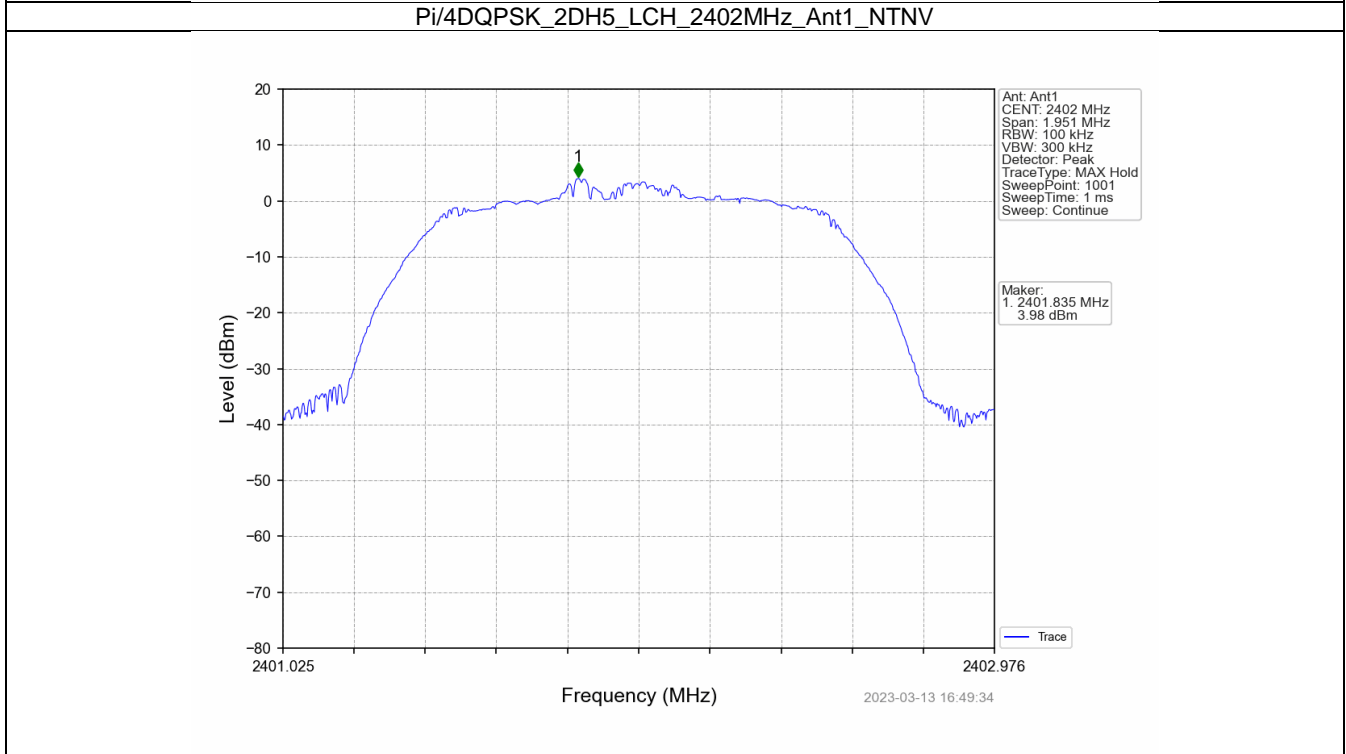
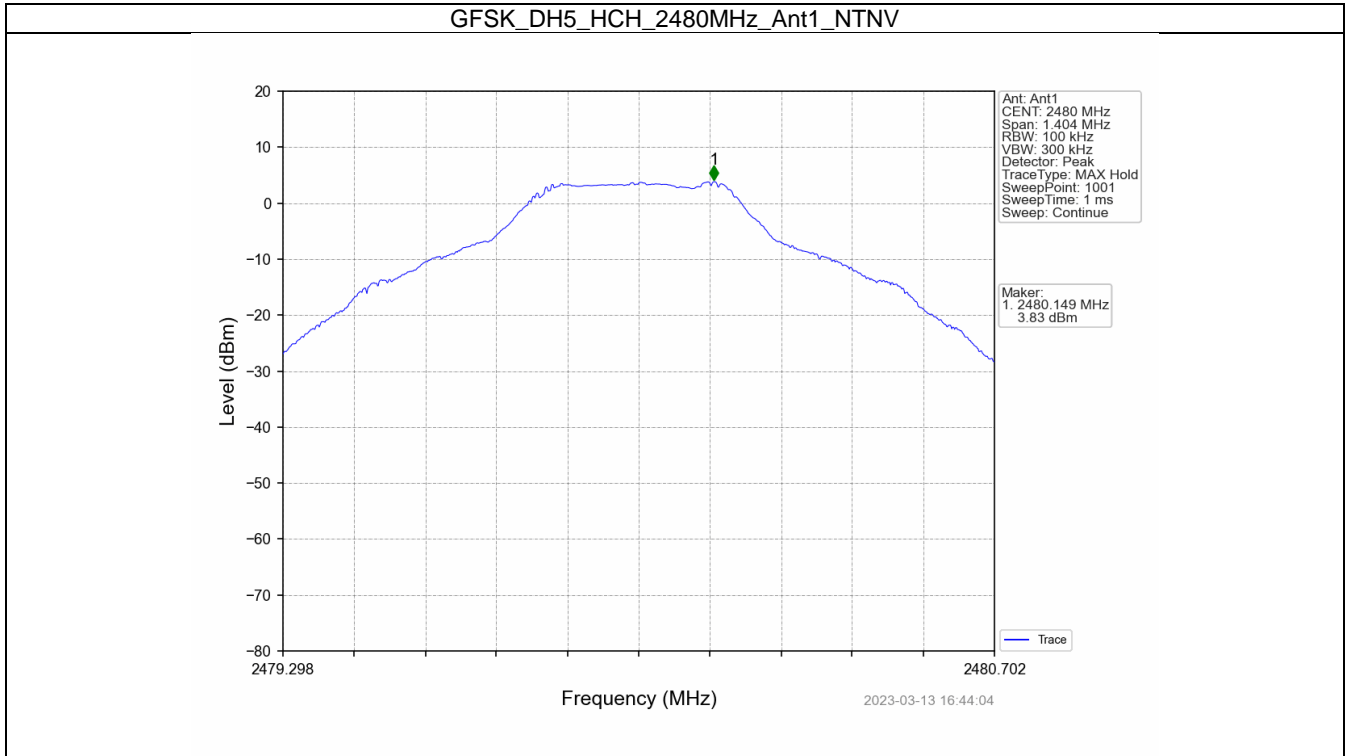
6.1.1 Test Result

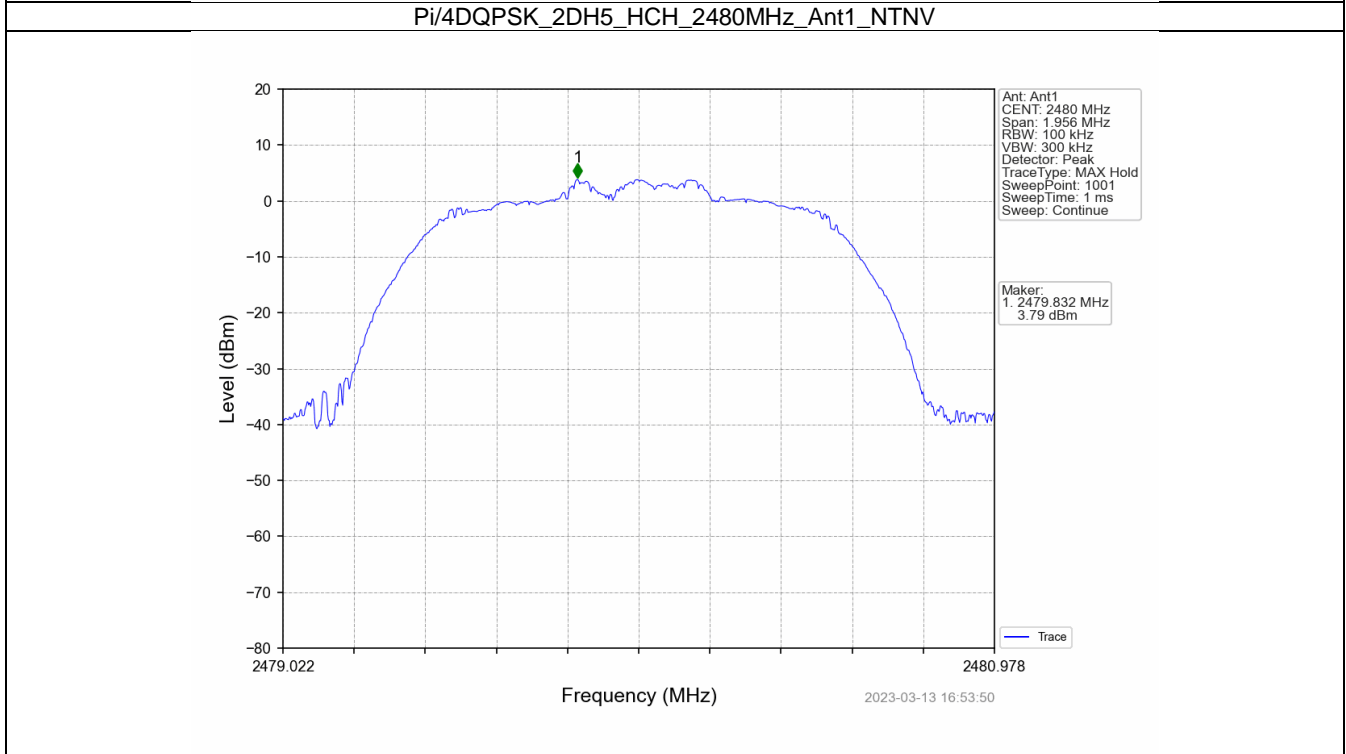
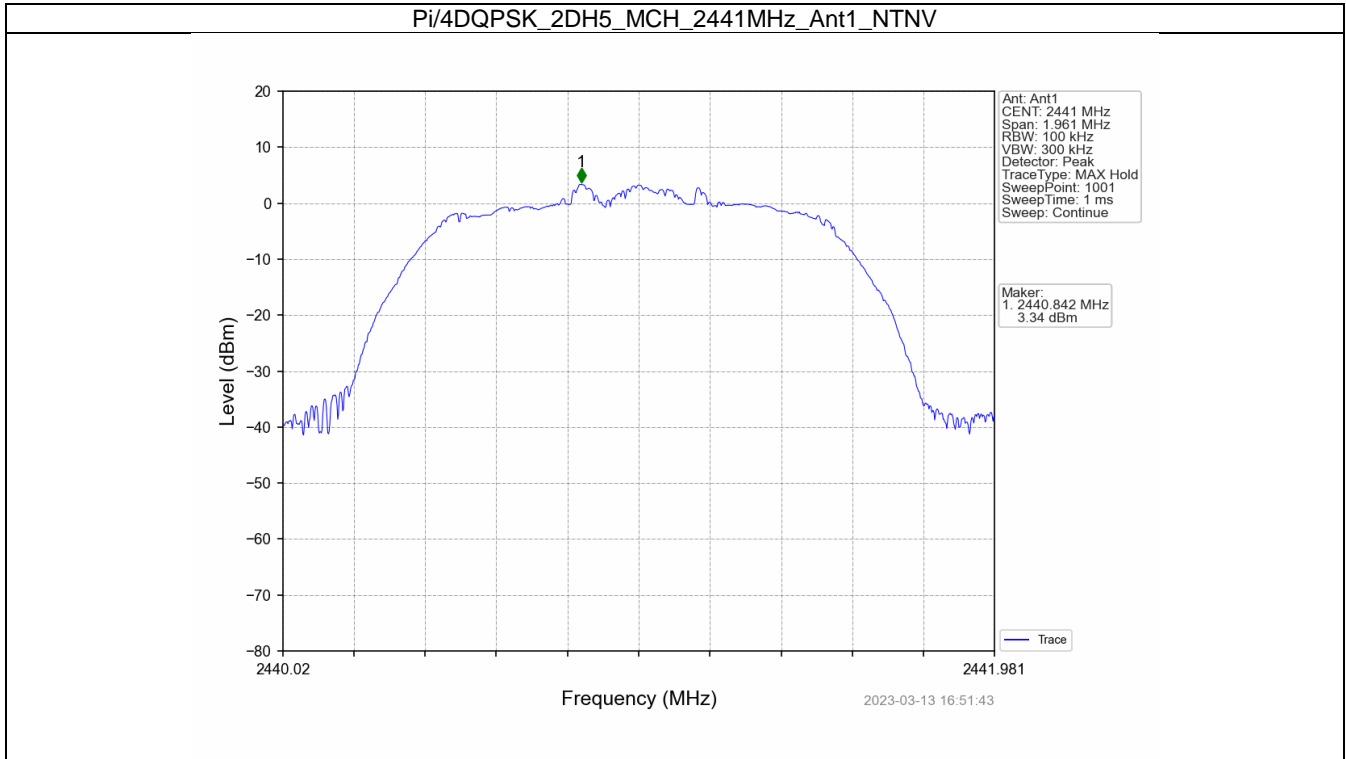
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)
GFSK	SISO	2402	DH5	1	4.00
		2441	DH5	1	3.33
		2480	DH5	1	3.83
Pi/4DQPSK	SISO	2402	2DH5	1	3.98
		2441	2DH5	1	3.34
		2480	2DH5	1	3.79
8DPSK	SISO	2402	3DH5	1	4.03
		2441	3DH5	1	3.36
		2480	3DH5	1	3.74

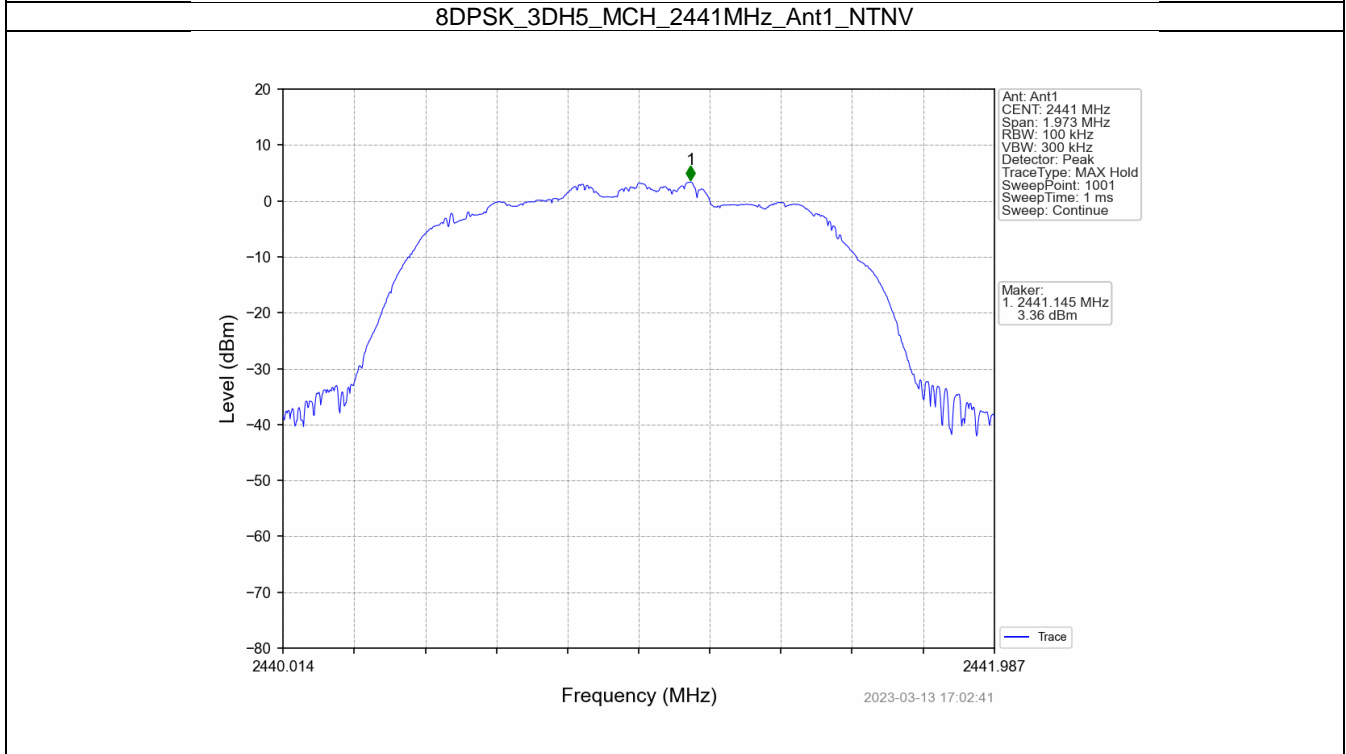
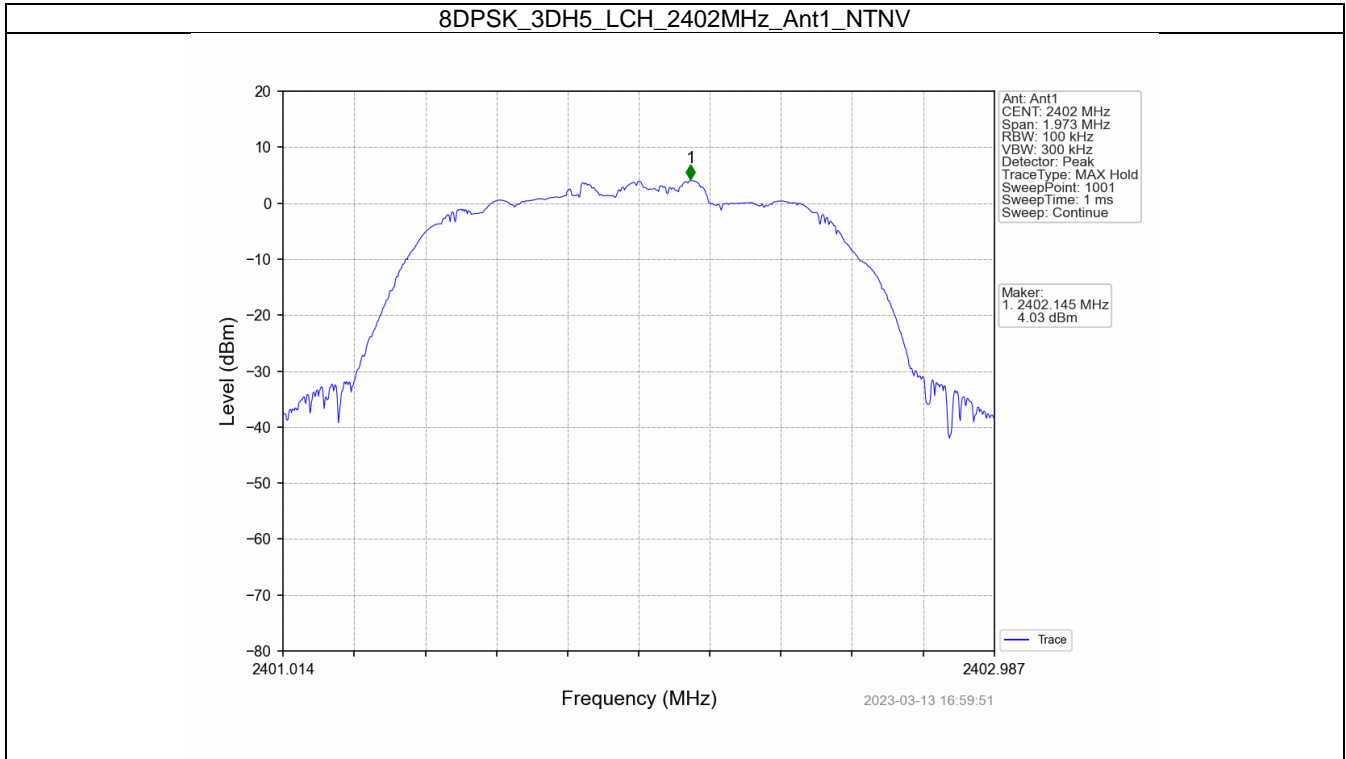
Note1: Refer to RSS-247 Issue 2 section 5.5 and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

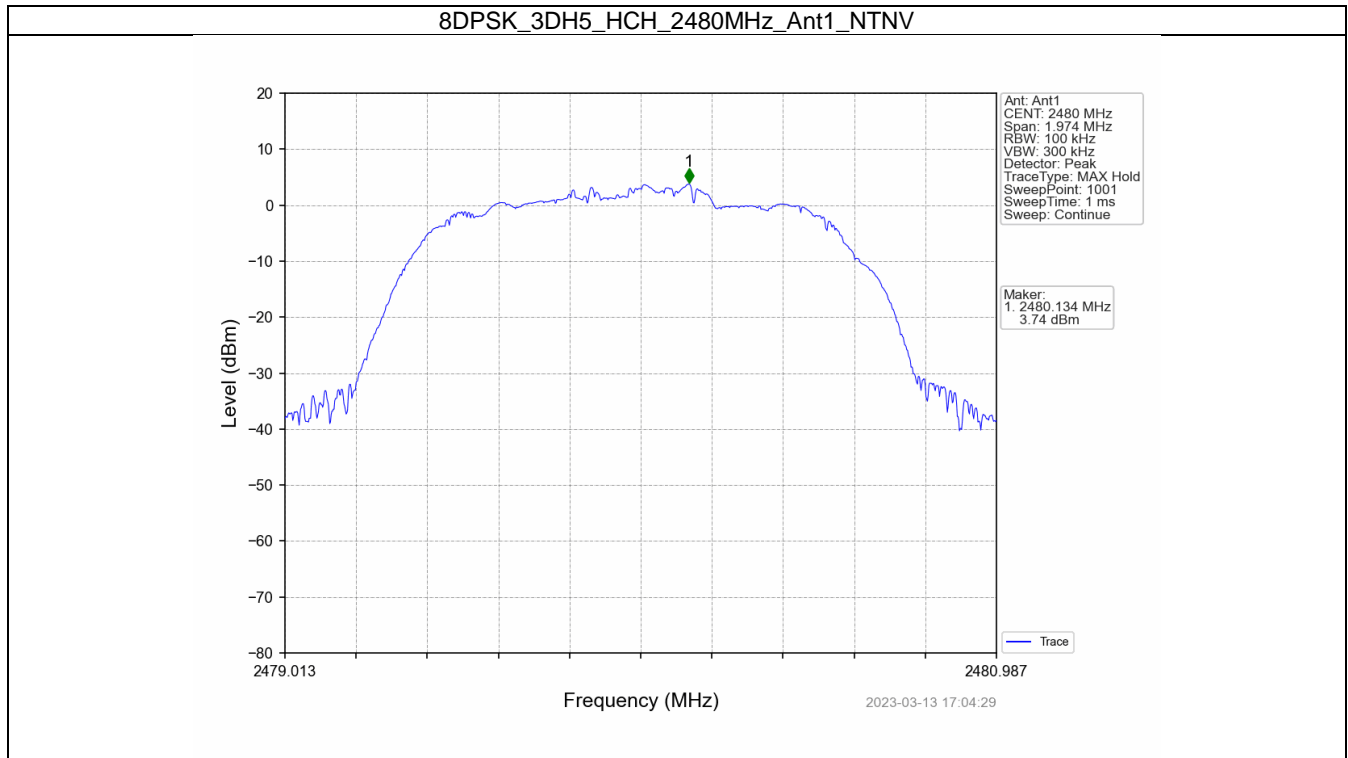
6.1.2 Test Graph











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	4.00	-16.00	Pass
		2441	DH5	1	4.00	-16.00	Pass
		2480	DH5	1	4.00	-16.00	Pass
		HOPP	DH5	1	4.00	-16.00	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	3.98	-16.02	Pass
		2441	2DH5	1	3.98	-16.02	Pass
		2480	2DH5	1	3.98	-16.02	Pass
		HOPP	2DH5	1	3.98	-16.02	Pass
8DPSK	SISO	2402	3DH5	1	4.03	-15.97	Pass
		2441	3DH5	1	4.03	-15.97	Pass
		2480	3DH5	1	4.03	-15.97	Pass
		HOPP	3DH5	1	4.03	-15.97	Pass

Note1: Refer to RSS-247 Issue 2 section 5.5 and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

6.2.2 Test Graph

