

Appendix Test Data for BT(BDR/EDR) (Conducted Measurement)

Product Name: LEXIP MANUFACTURED BY STEELPLAY - ADVENTURE TWINPADS
BLACK

Trade Mark: LEXIP

Test Model: JVASWI00106

FCC ID: 2BKUW-JVASWI00106

Environmental Conditions

Temperature:	22.5℃
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Tony lu
Supervised by:	Max zhang
NOTE	N/A

1. Bandwidth

1.1 Test Result

1.1.1 OBW

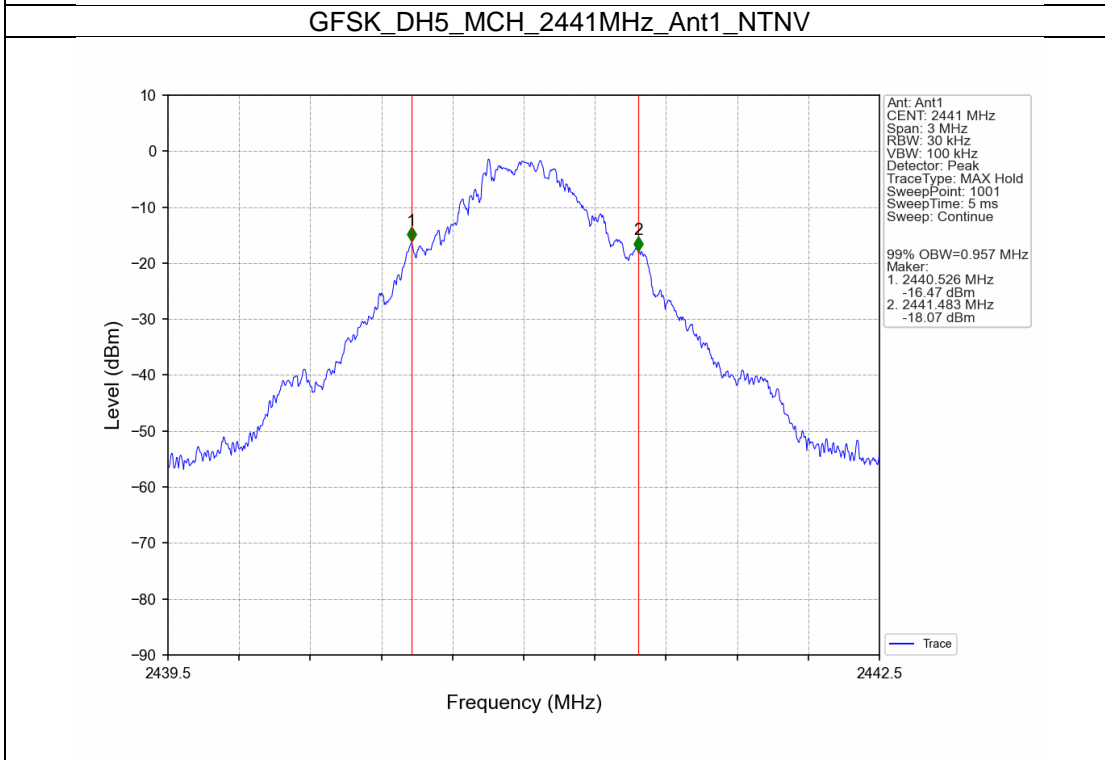
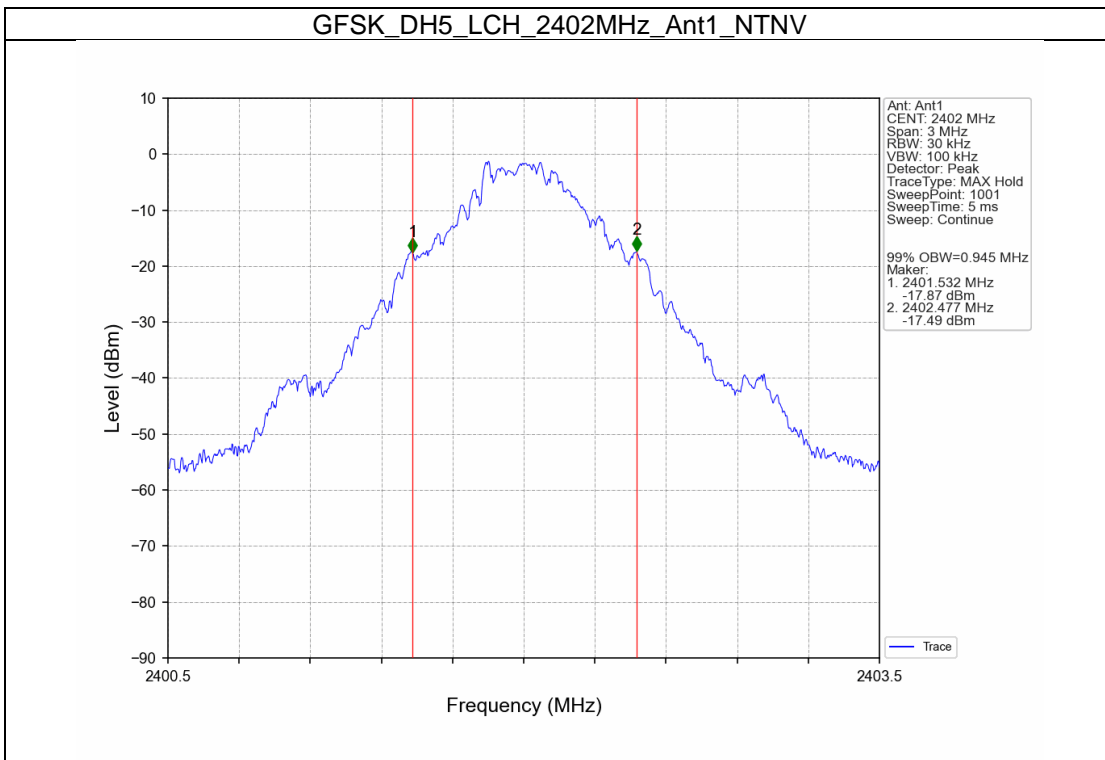
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	99% Occupied Bandwidth (MHz)		Verdict
					Result	Limit	
GFSK	SISO	2402	DH5	1	0.945	/	Pass
		2441	DH5	1	0.957	/	Pass
		2480	DH5	1	0.971	/	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.218	/	Pass
		2441	2DH5	1	1.223	/	Pass
		2480	2DH5	1	1.239	/	Pass
8DPSK	SISO	2402	3DH5	1	1.219	/	Pass
		2441	3DH5	1	1.223	/	Pass
		2480	3DH5	1	1.222	/	Pass

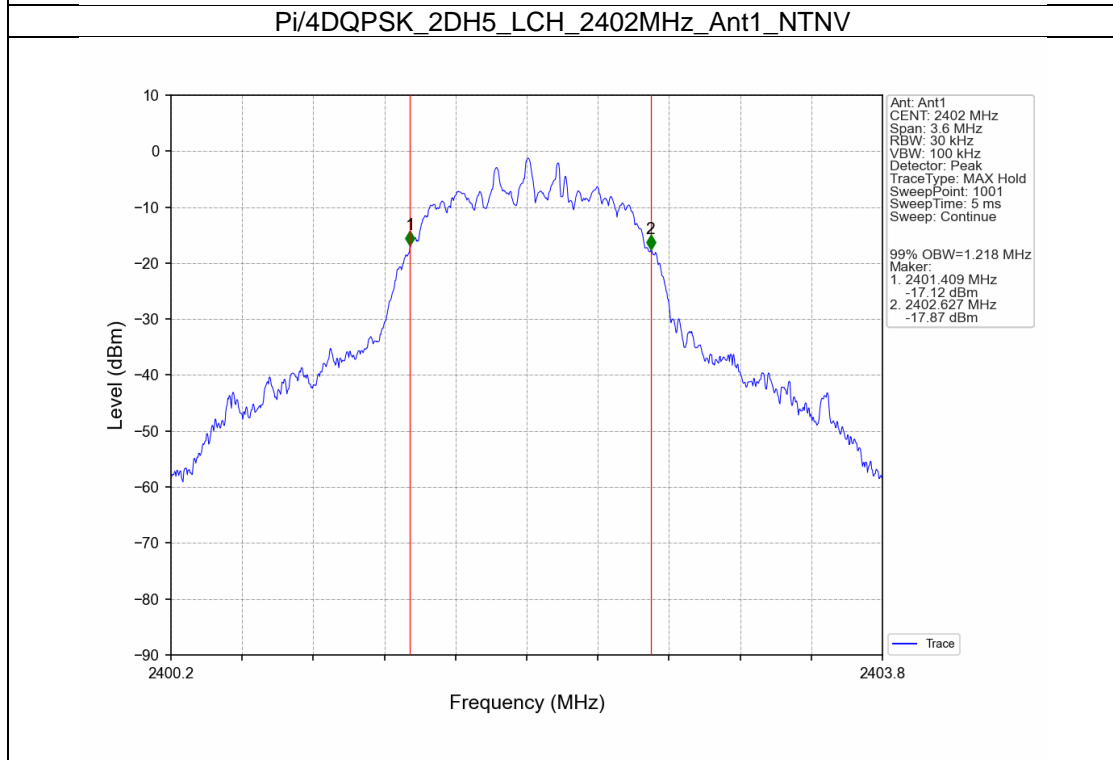
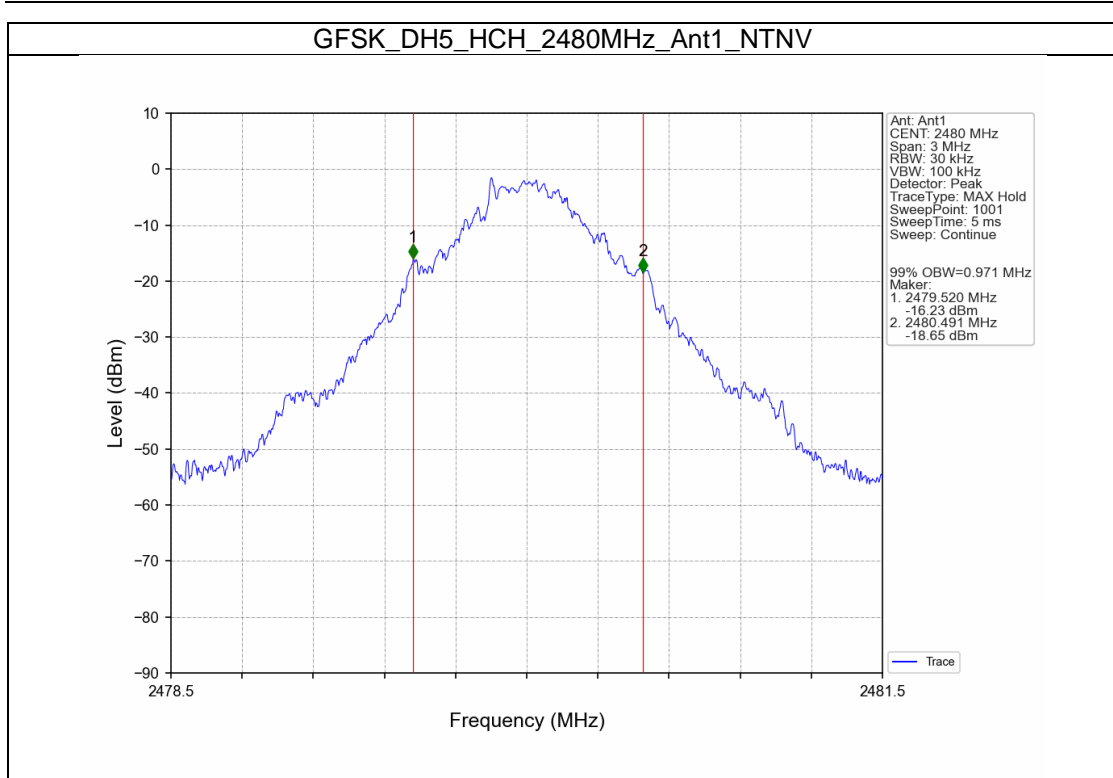
1.1.2 20dB BW

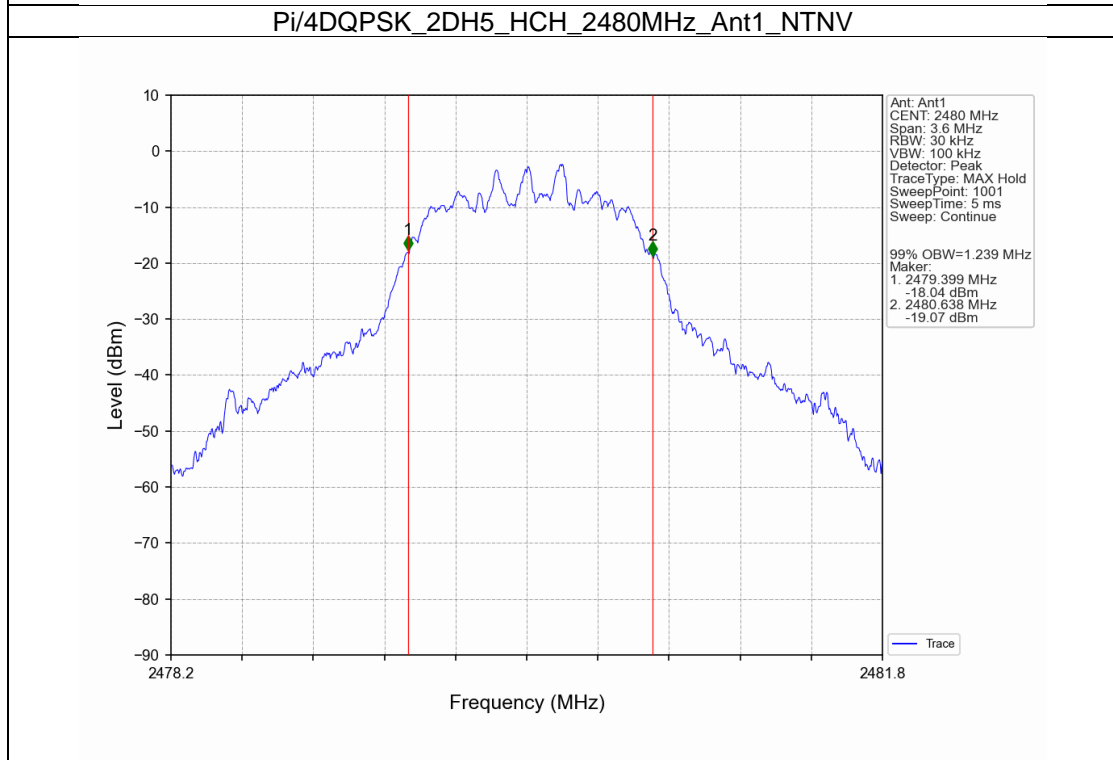
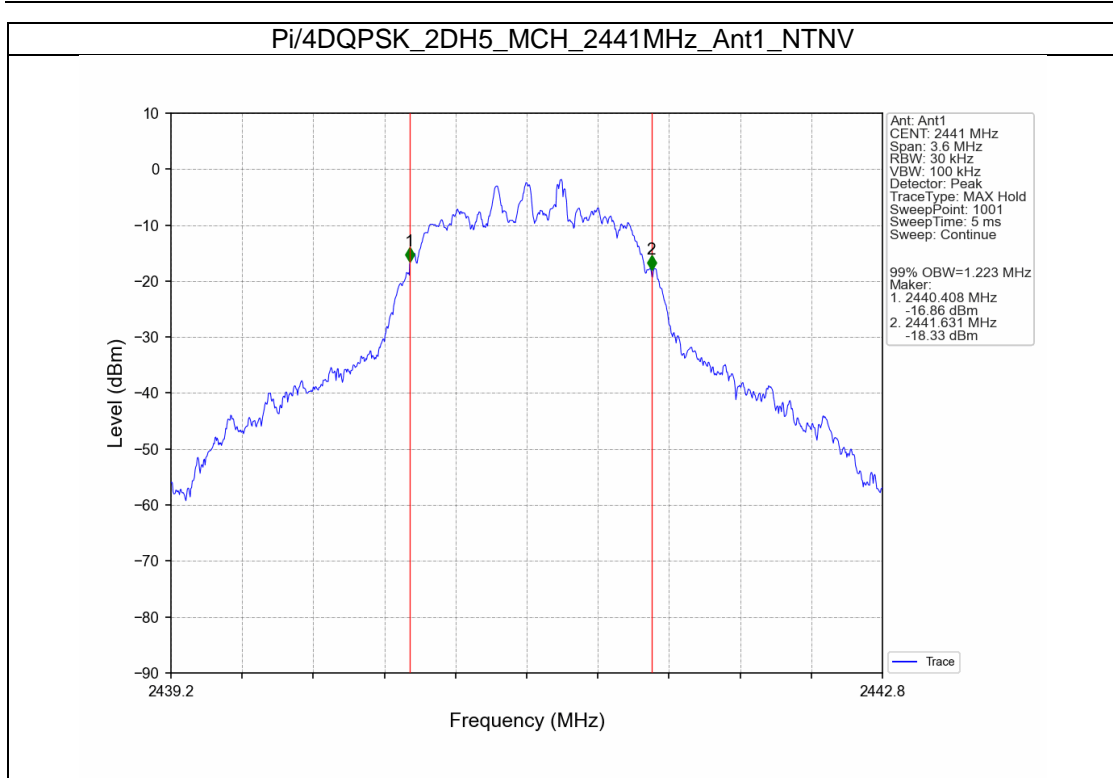
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	20dB Bandwidth (MHz)		Verdict
					Result	Limit	
GFSK	SISO	2402	DH5	1	1.034	/	Pass
		2441	DH5	1	1.036	/	Pass
		2480	DH5	1	1.063	/	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.334	/	Pass
		2441	2DH5	1	1.339	/	Pass
		2480	2DH5	1	1.340	/	Pass
8DPSK	SISO	2402	3DH5	1	1.305	/	Pass
		2441	3DH5	1	1.295	/	Pass
		2480	3DH5	1	1.295	/	Pass

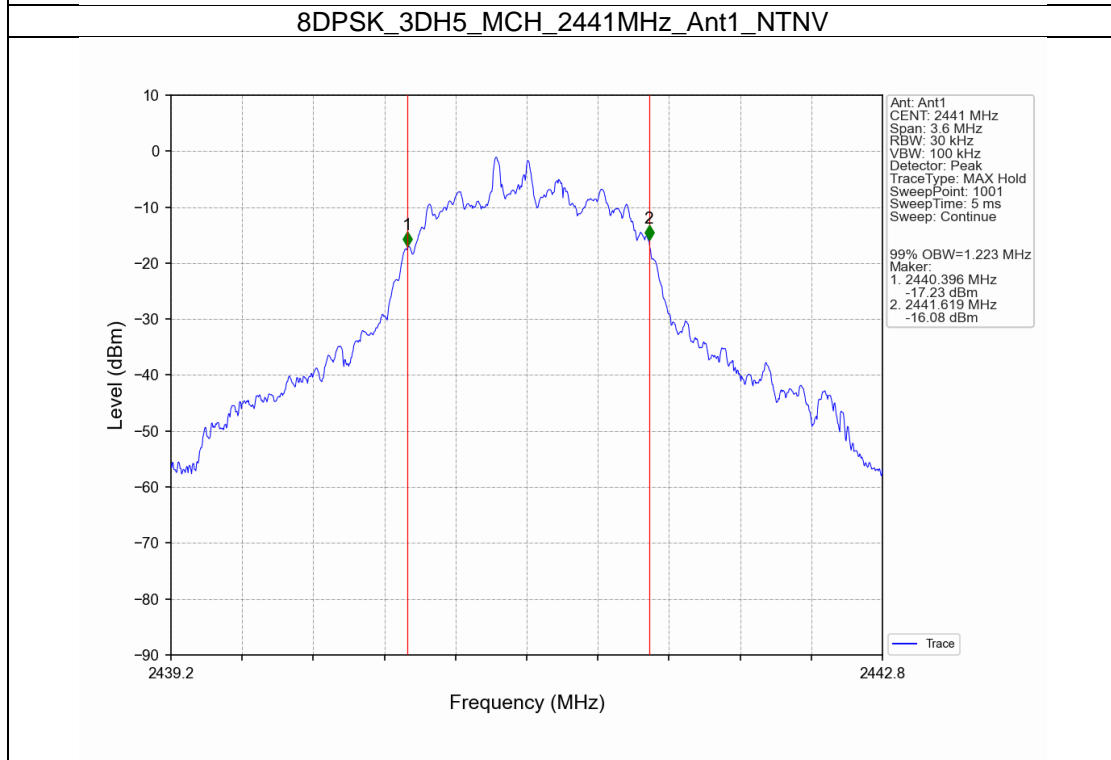
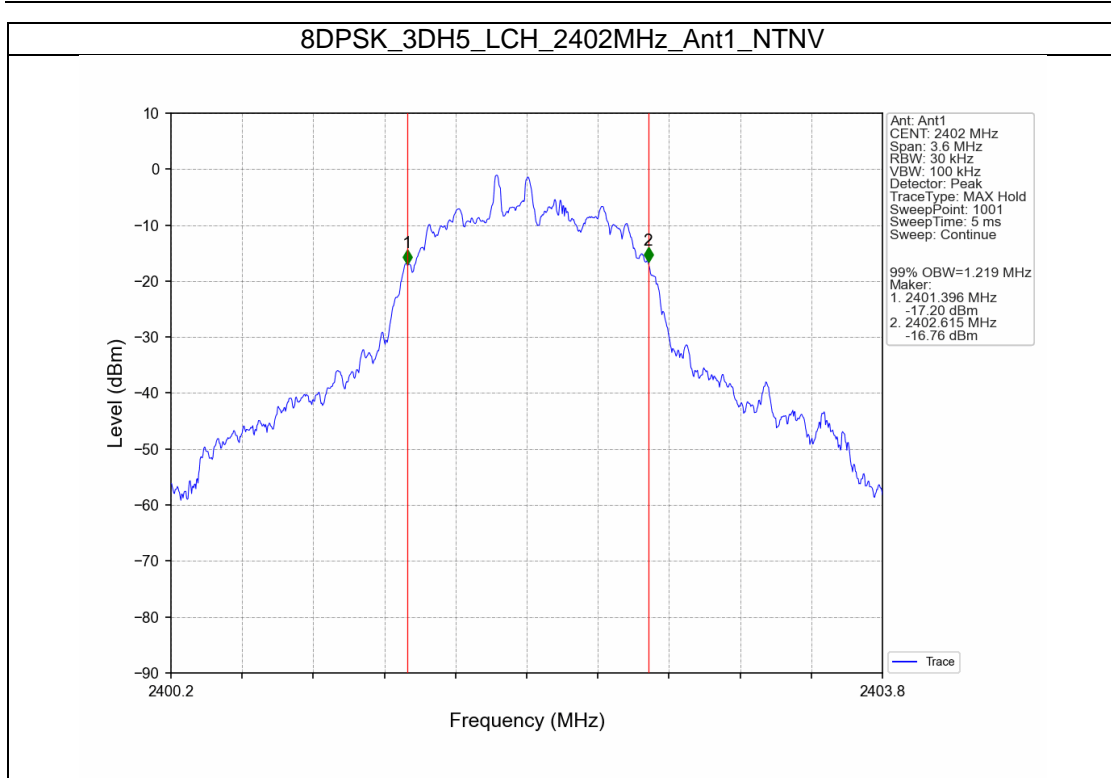
1.2 Test Graph

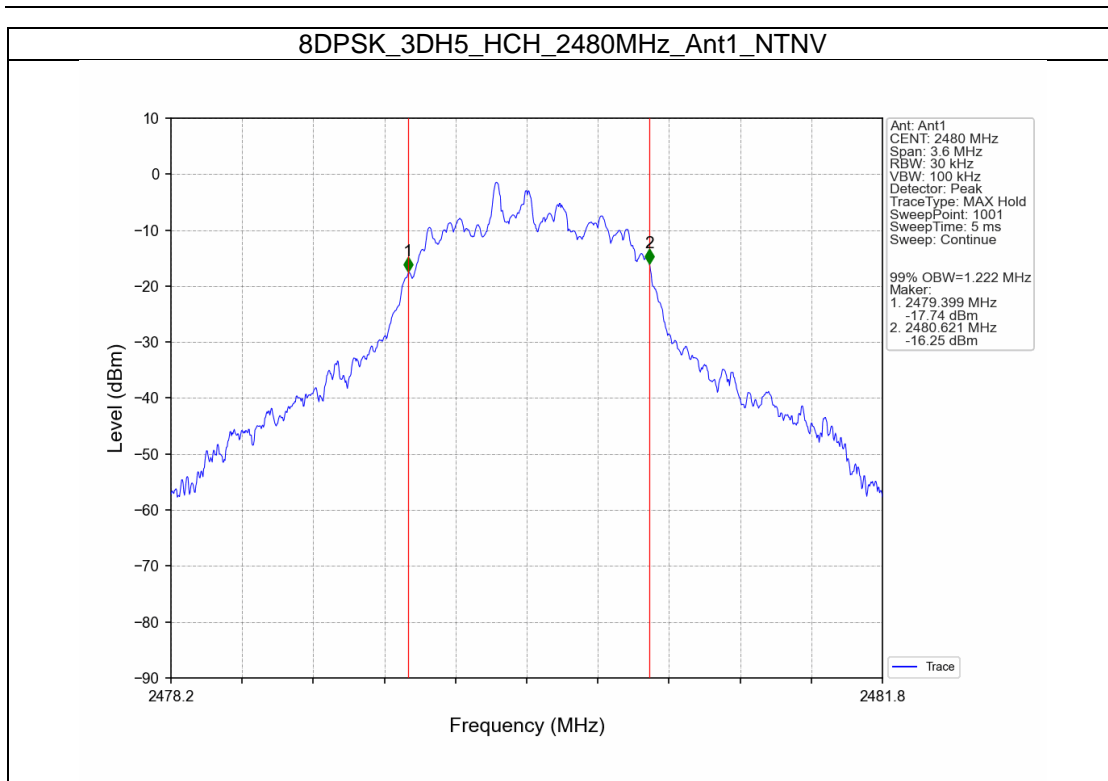
1.2.1 OBW



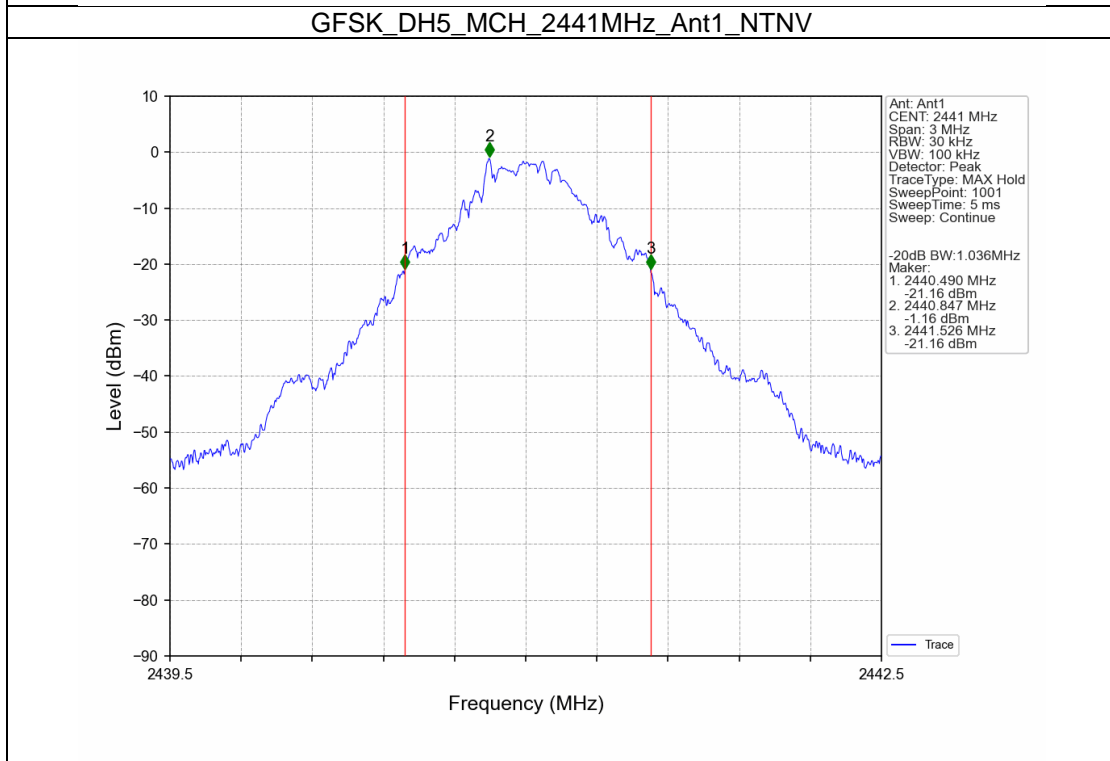
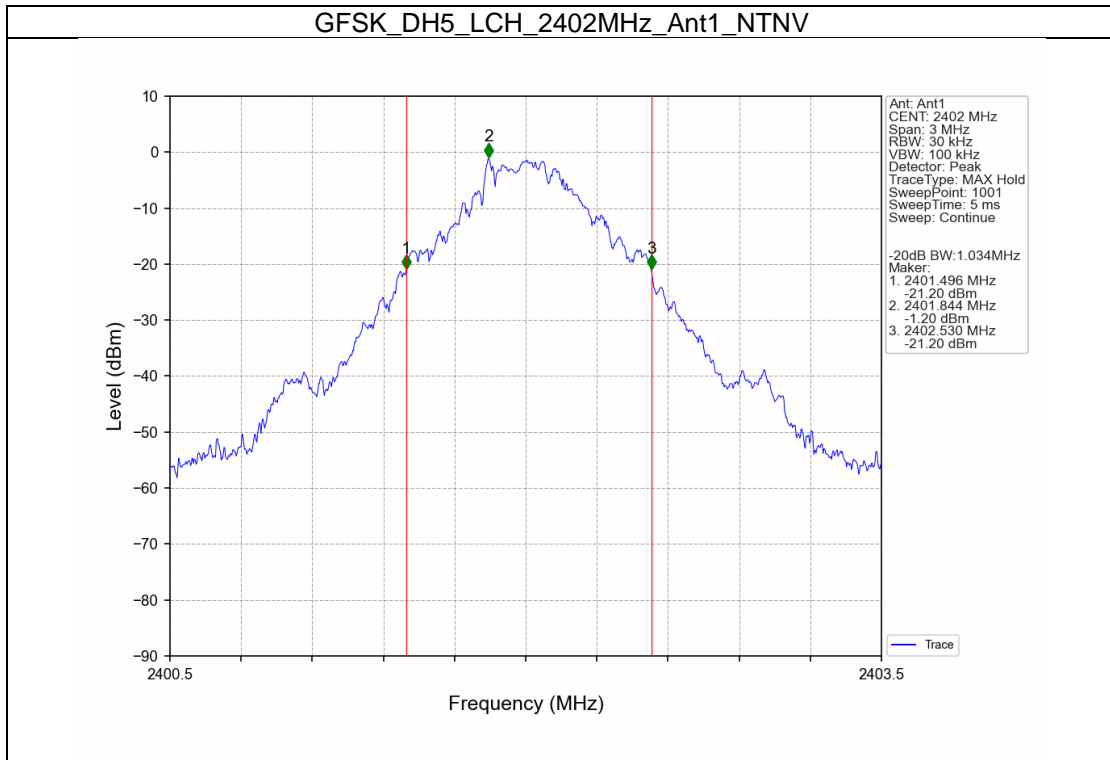


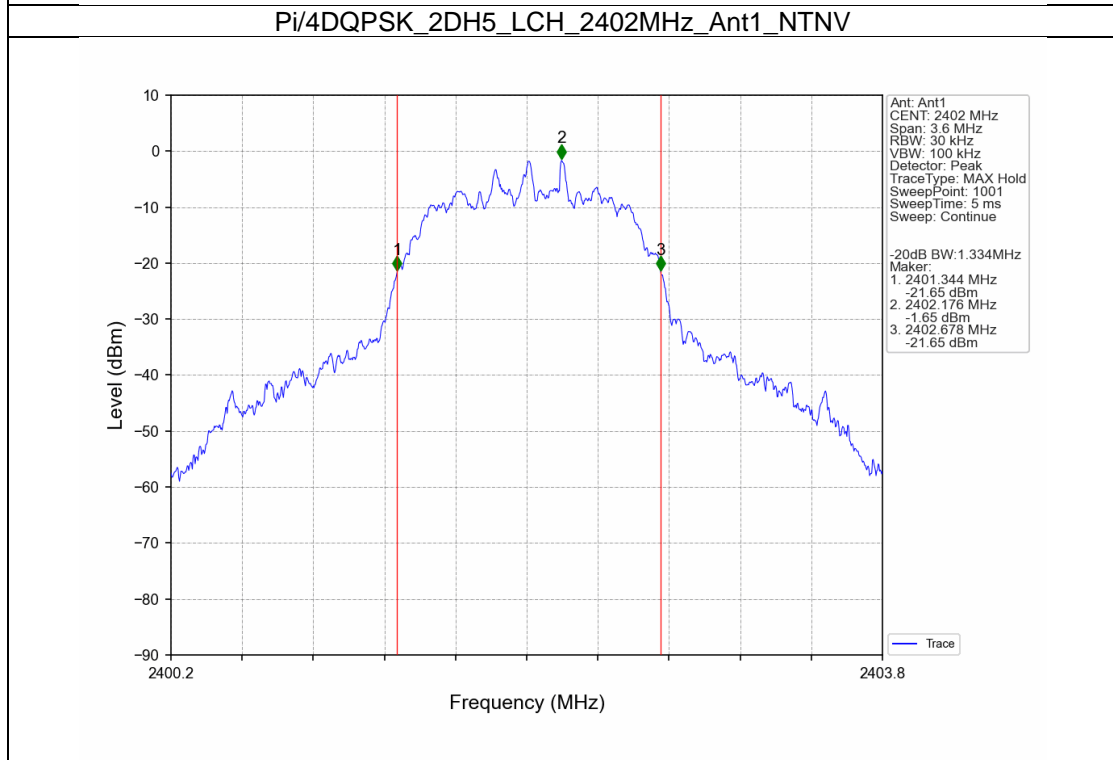
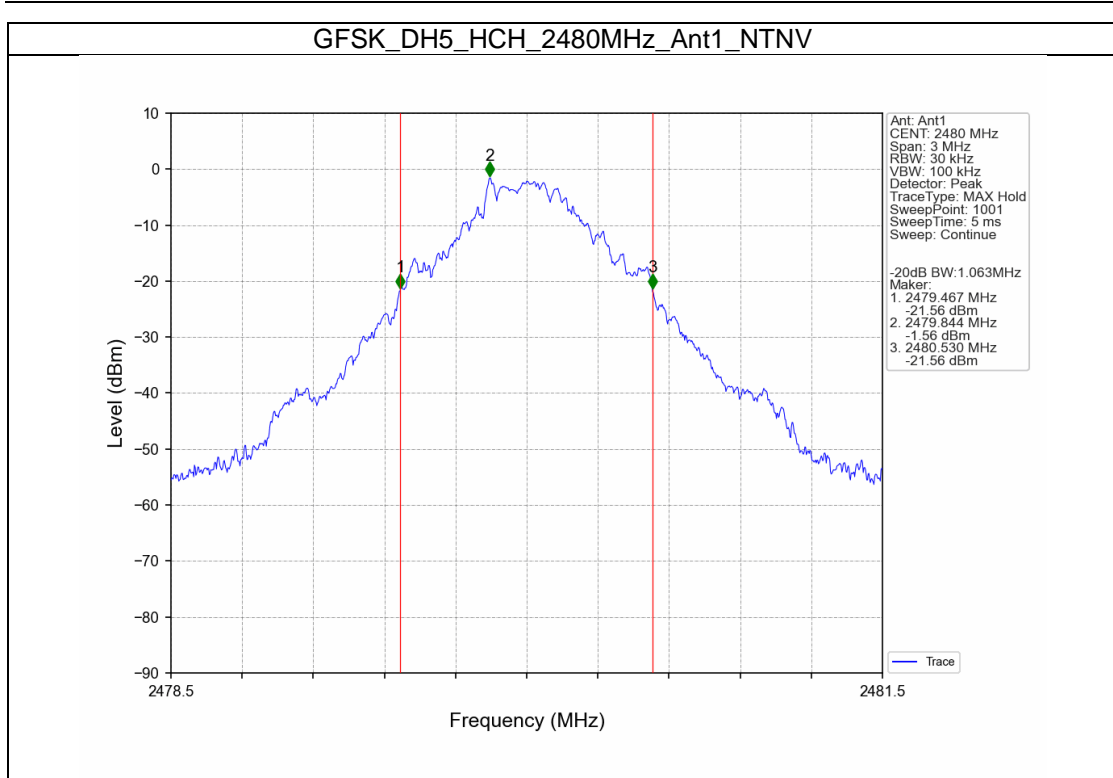


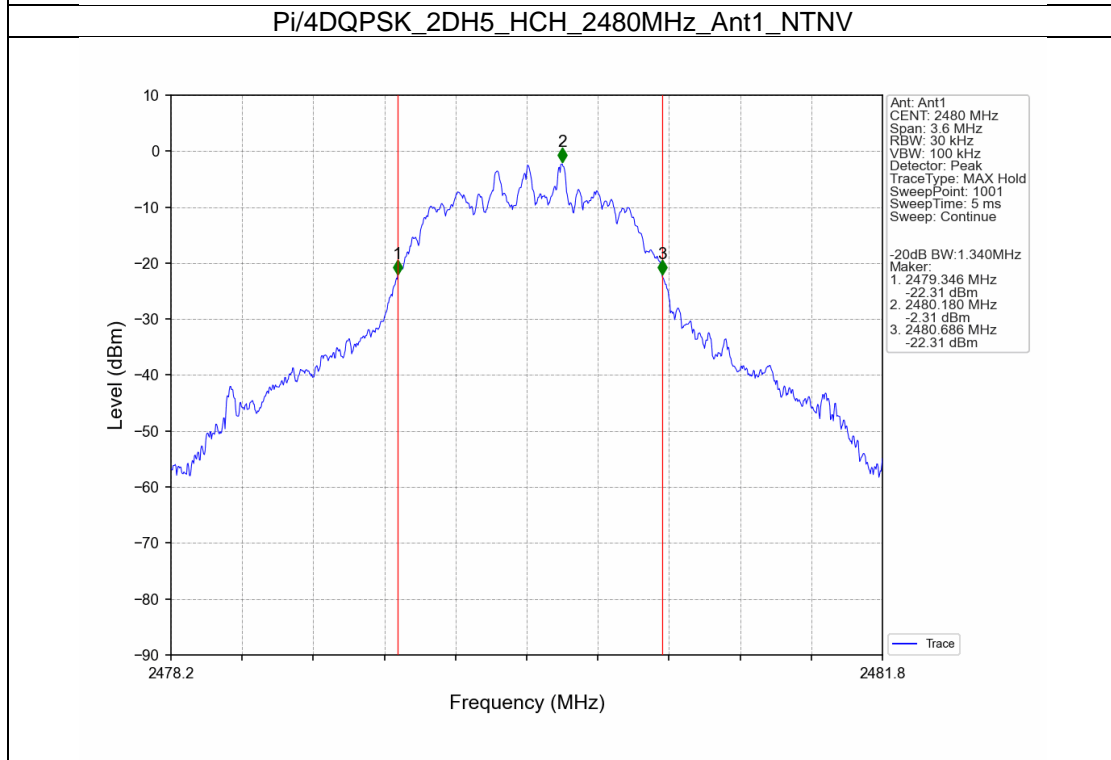
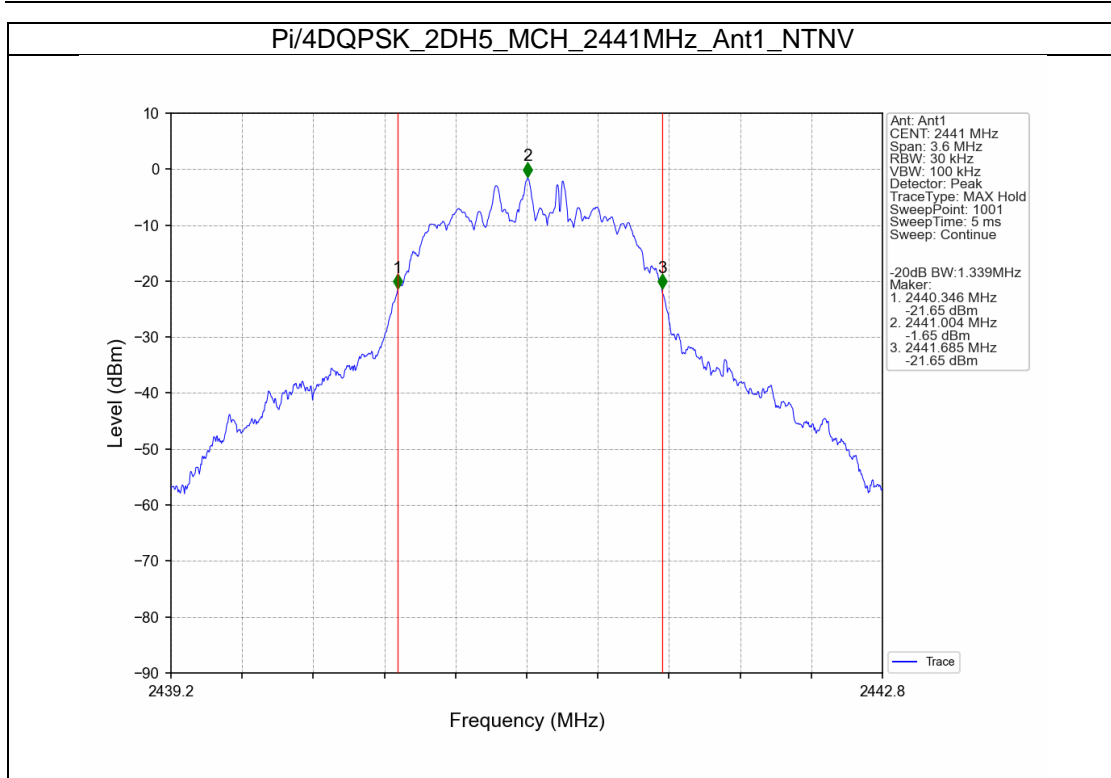


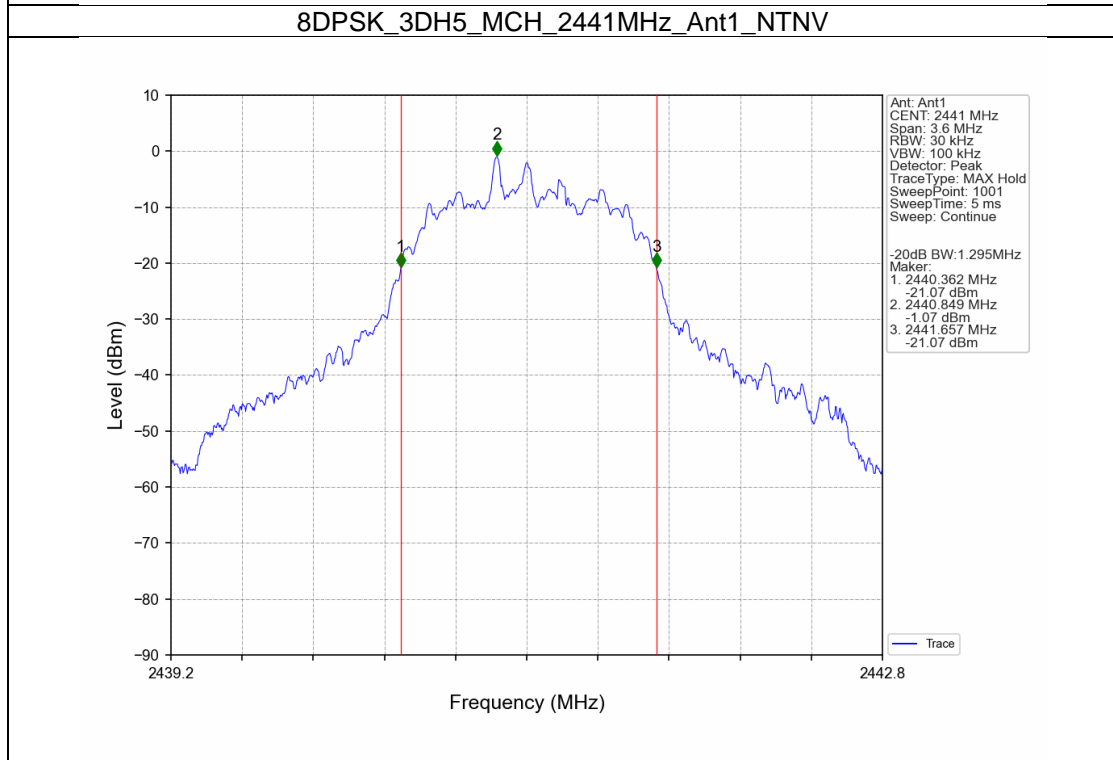
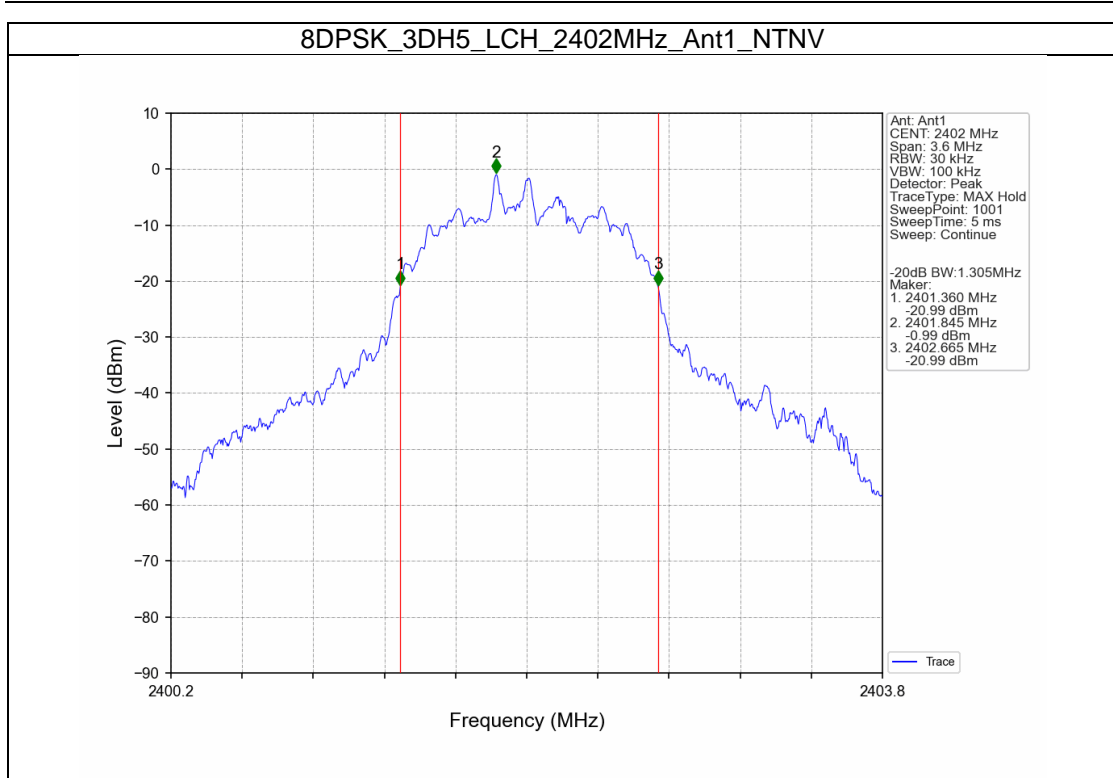


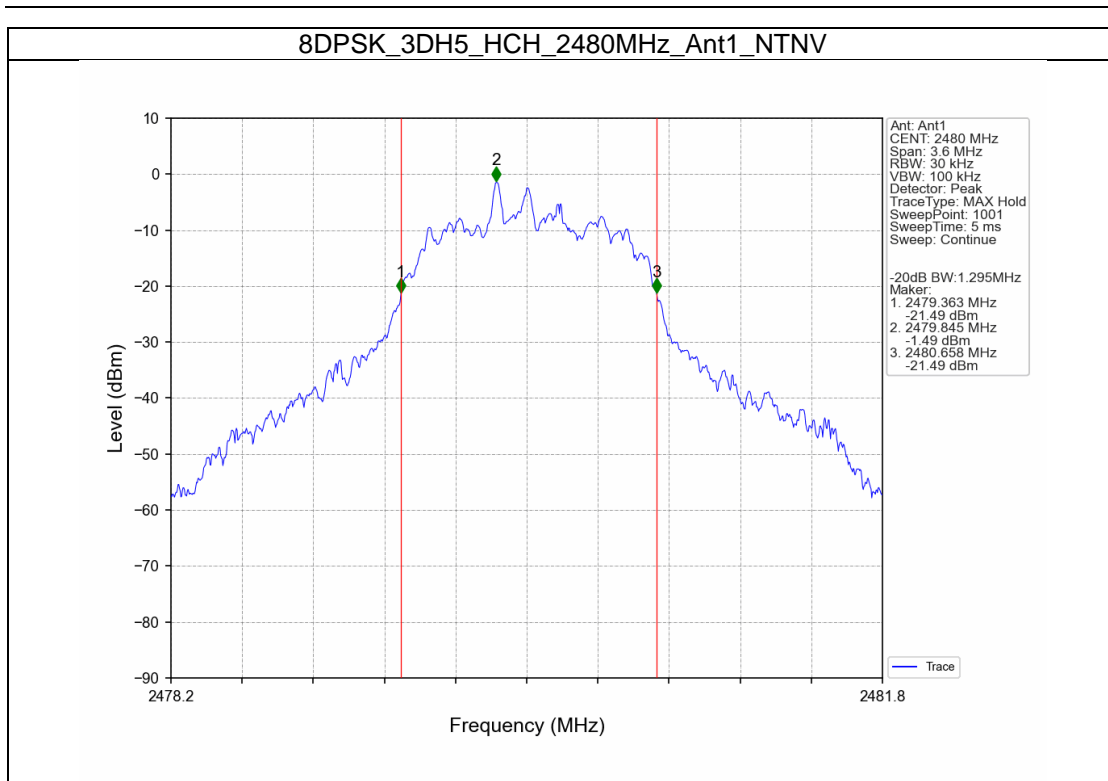
1.2.2 20dB BW











2. Maximum Conducted Output Power

2.1 Test Result

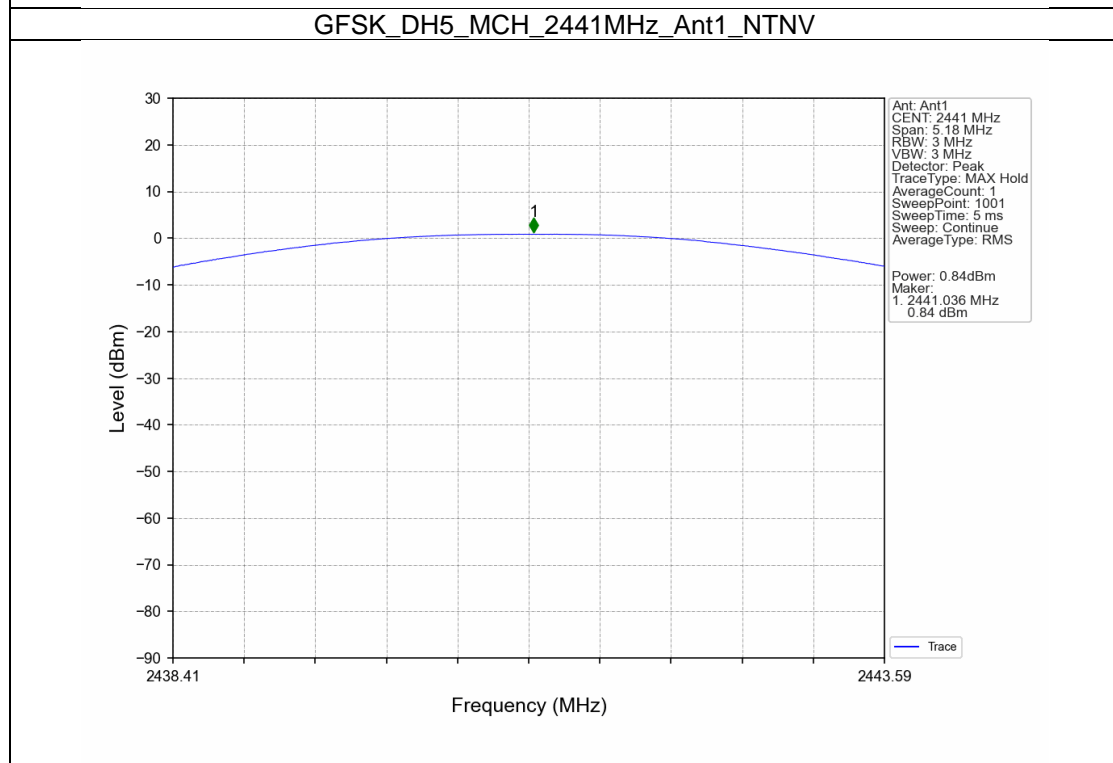
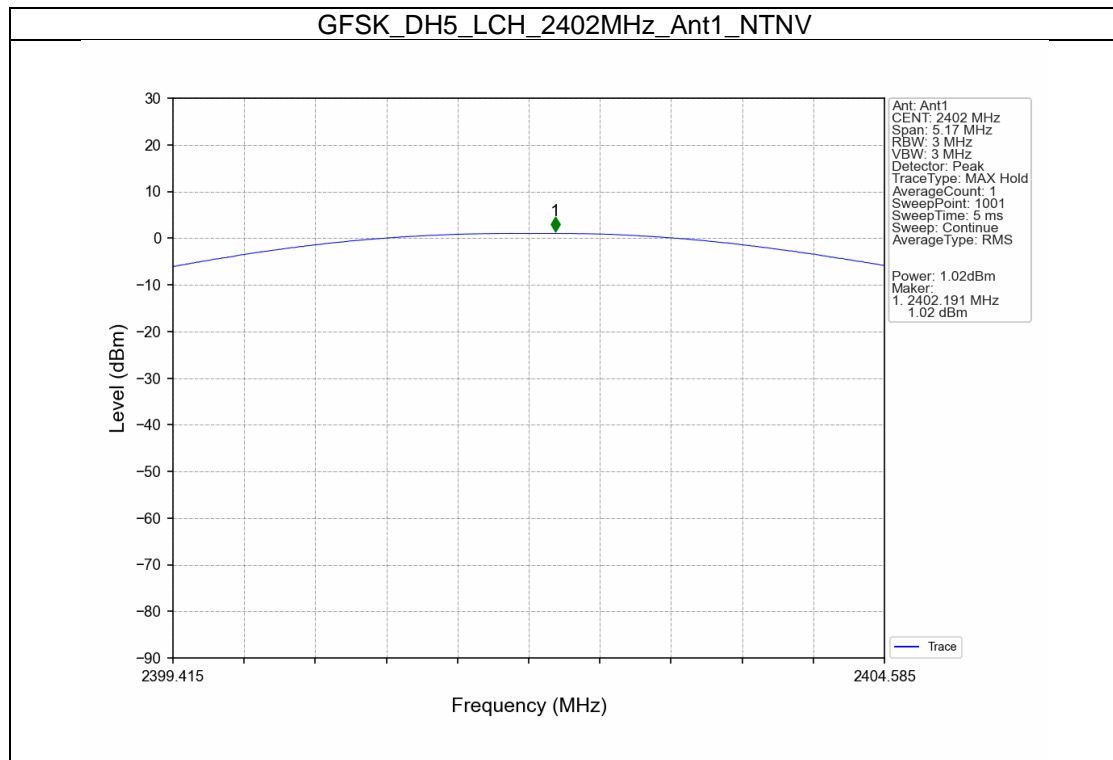
2.1.1 Power

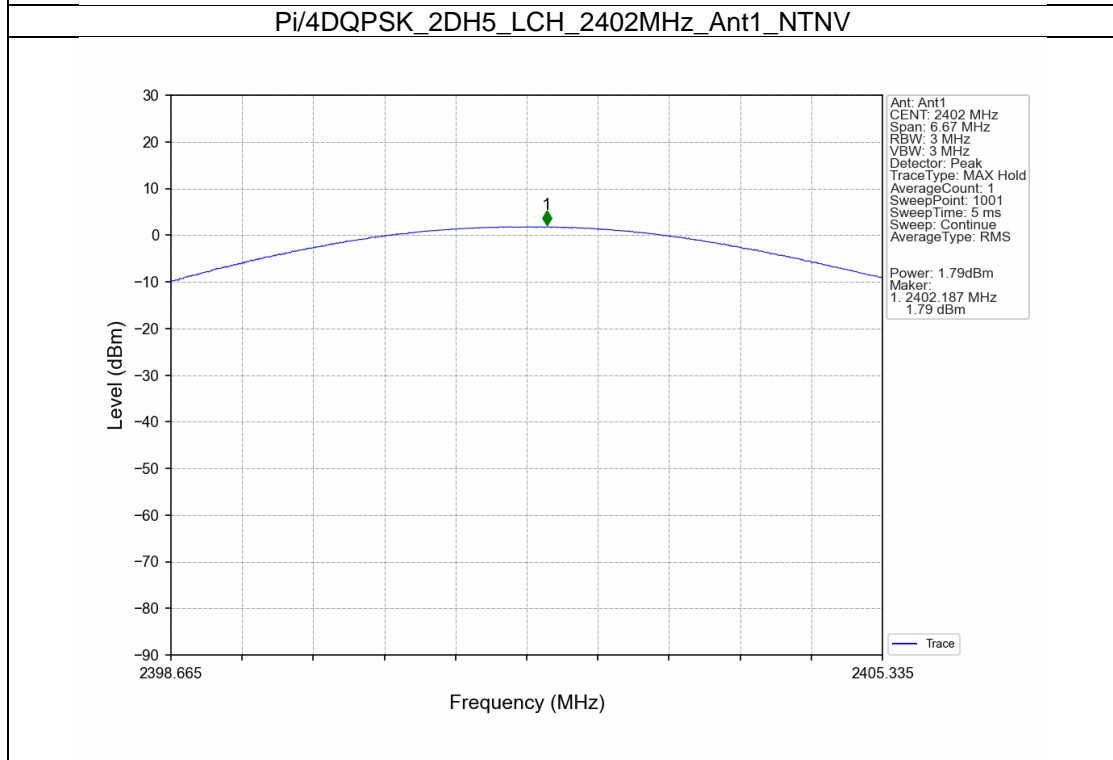
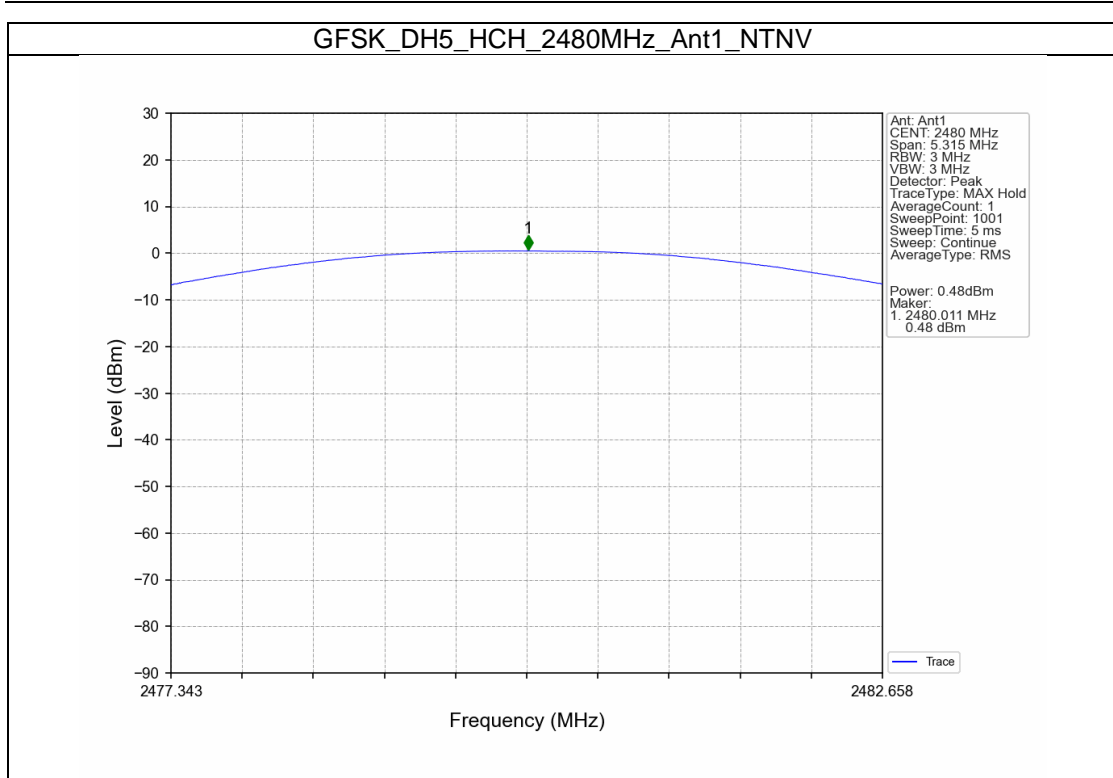
Mode	TX Type	Frequency (MHz)	Packet Type	Maximum Peak Conducted Output Power (dBm)		Verdict
				ANT1	Limit	
GFSK	SISO	2402	DH5	1.02	<=20.97	Pass
		2441	DH5	0.84	<=20.97	Pass
		2480	DH5	0.48	<=20.97	Pass
Pi/4DQPSK	SISO	2402	2DH5	1.79	<=20.97	Pass
		2441	2DH5	1.62	<=20.97	Pass
		2480	2DH5	1.30	<=20.97	Pass
8DPSK	SISO	2402	3DH5	2.14	<=20.97	Pass
		2441	3DH5	1.98	<=20.97	Pass
		2480	3DH5	1.66	<=20.97	Pass

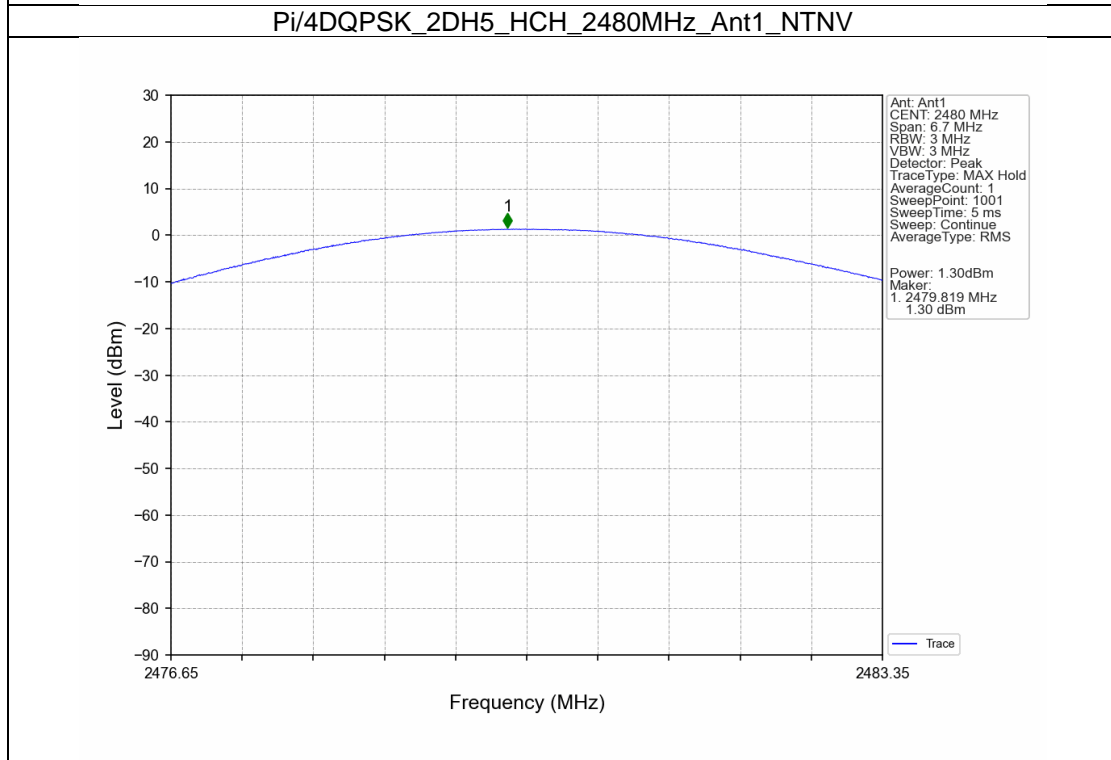
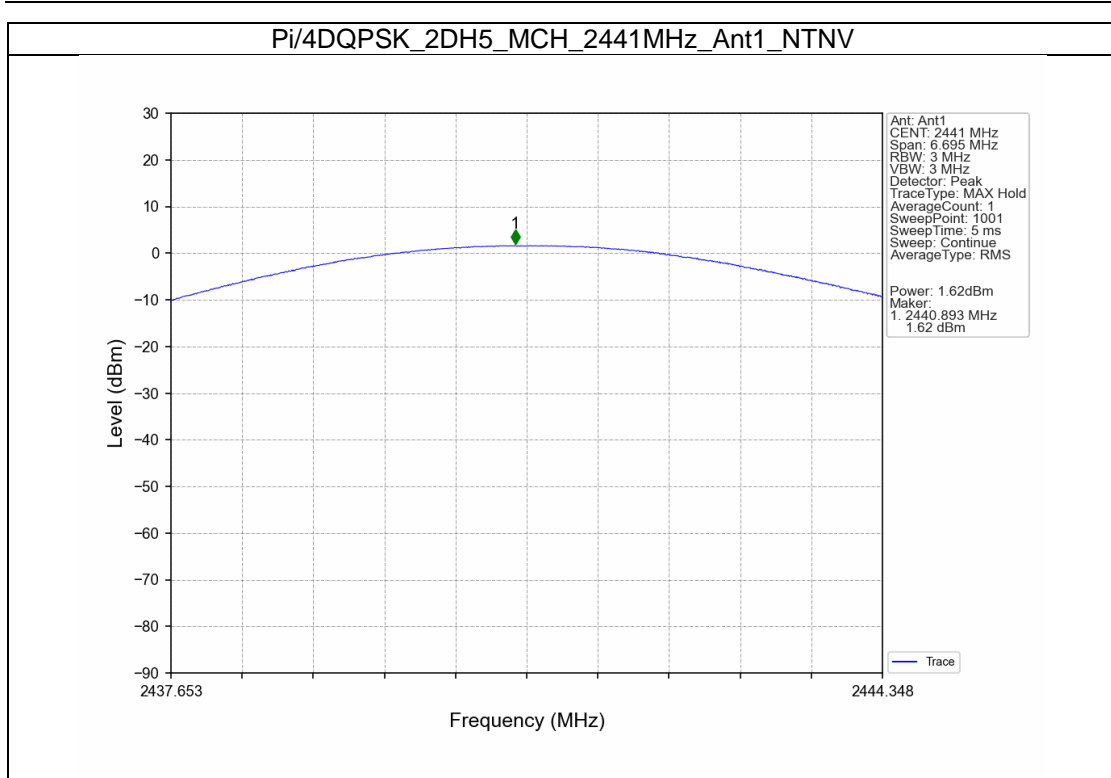
Note1: Antenna Gain: Ant1: 4.33dBi;

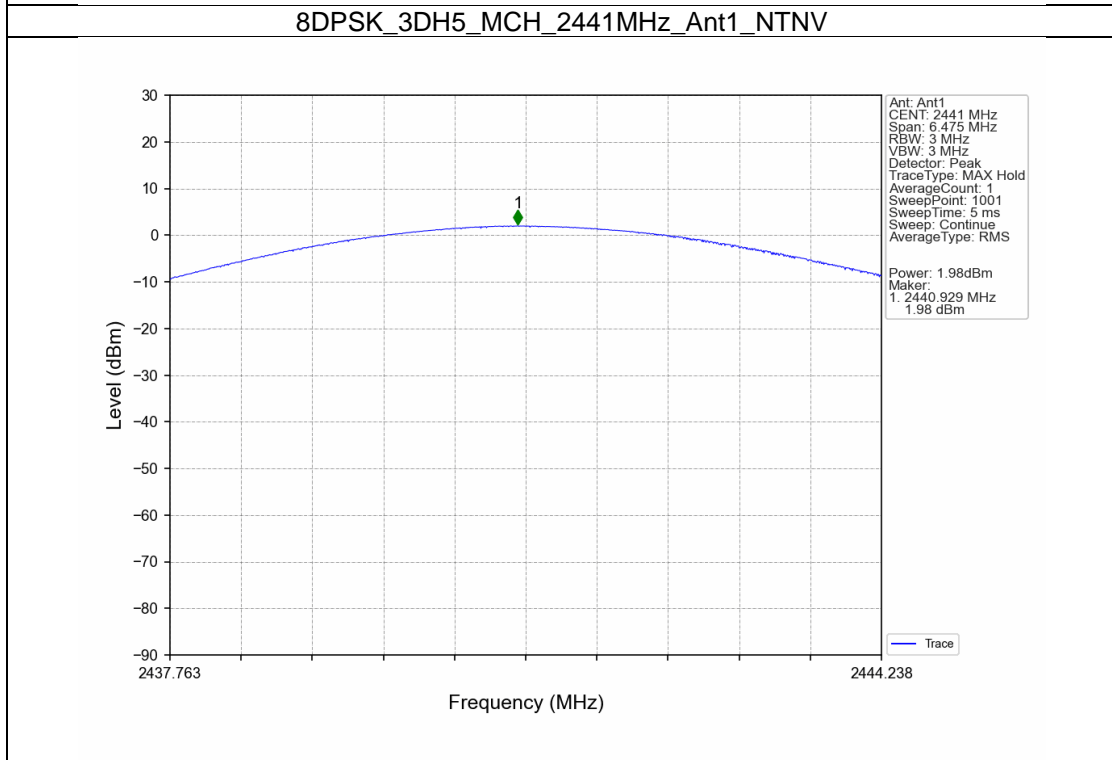
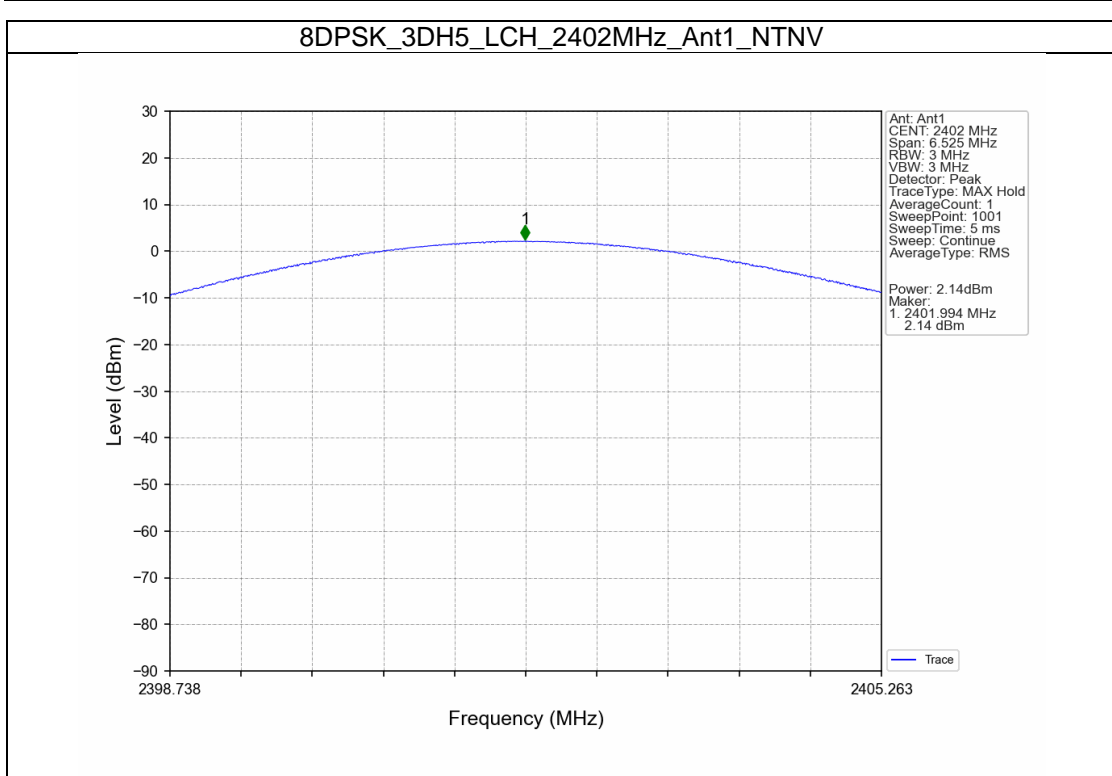
2.2 Test Graph

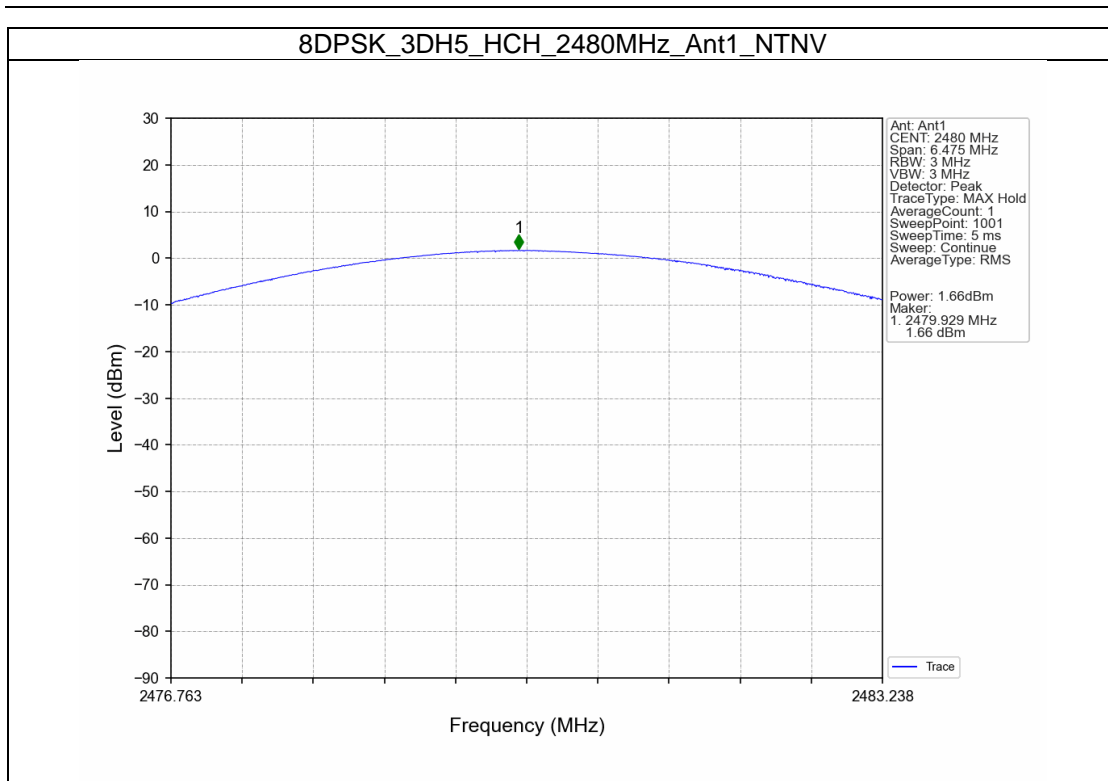
2.2.1 Power











3. Carrier Frequency Separation

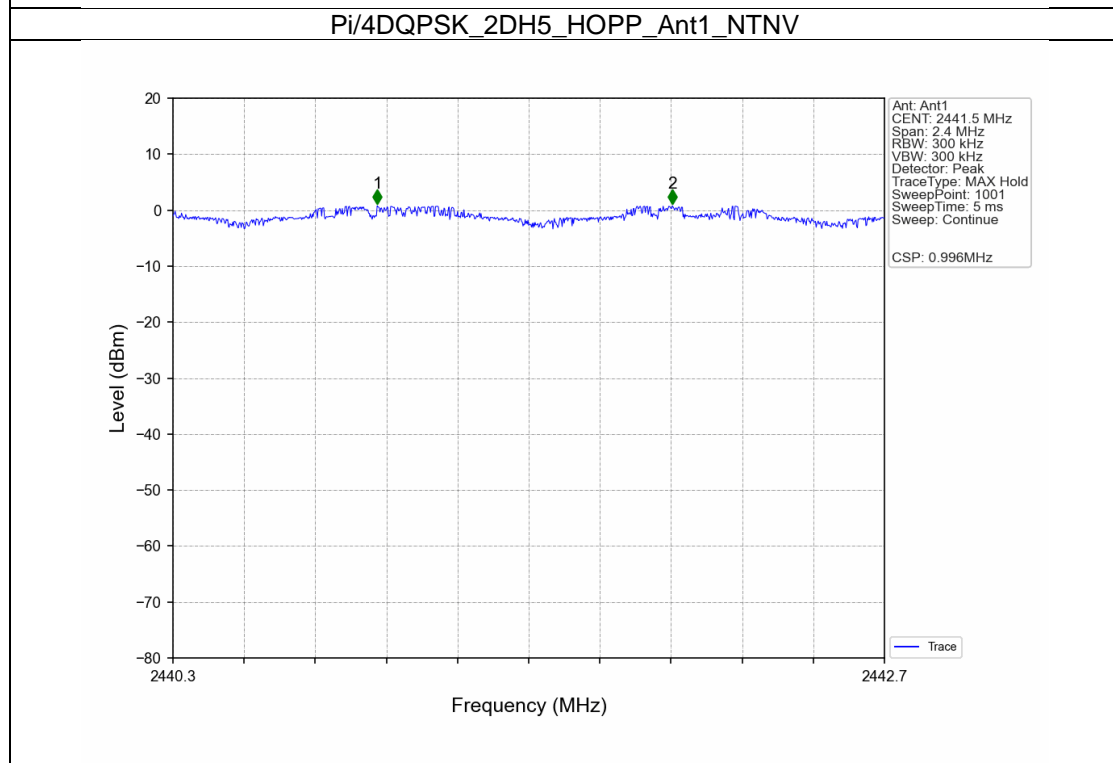
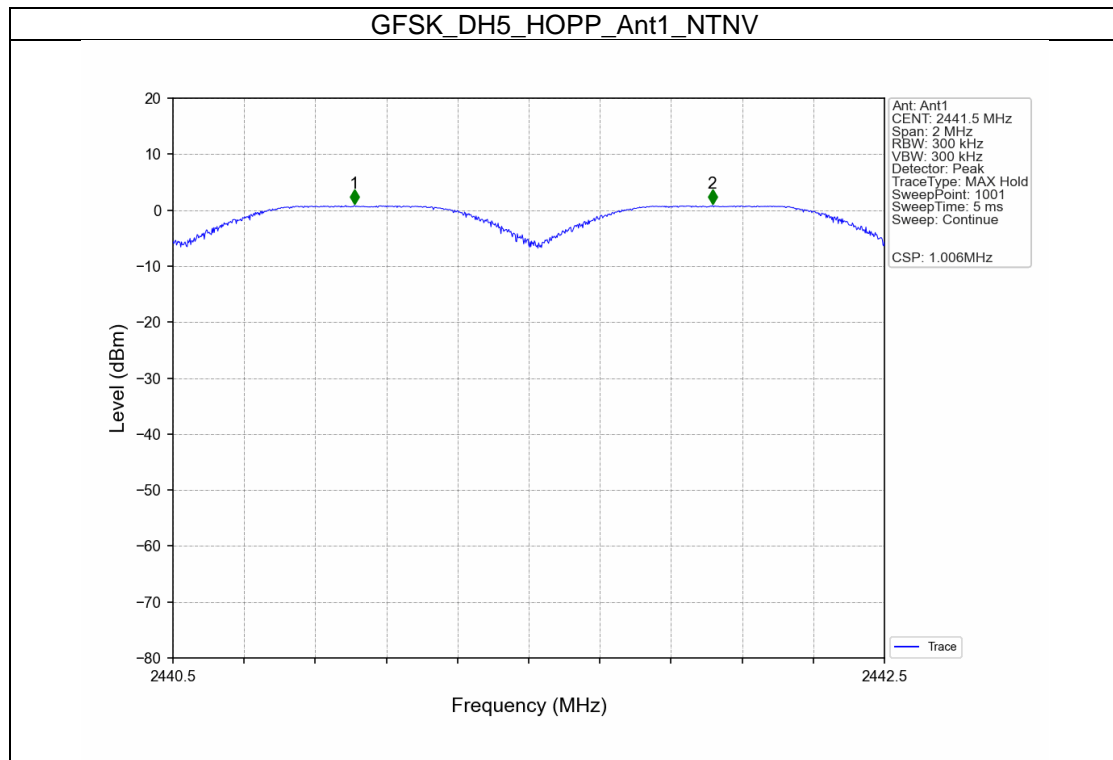
3.1 Test Result

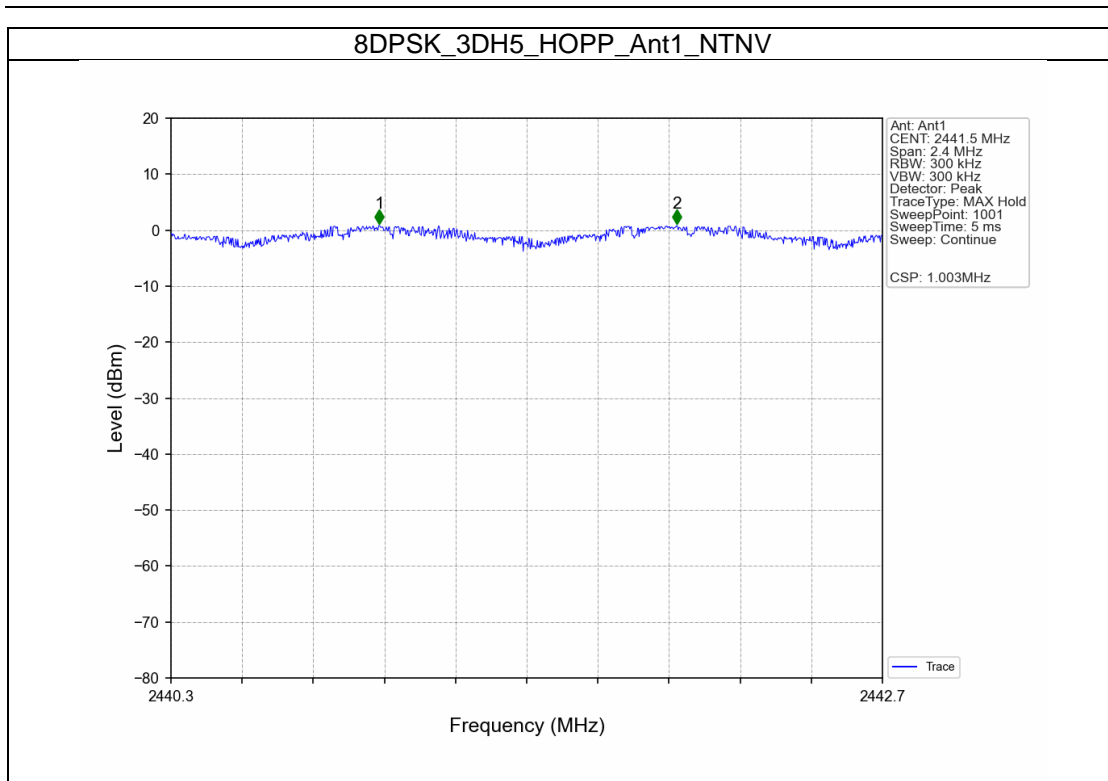
3.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	Packet Type	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
GFSK	SISO	HOPP	DH5	1.006	1.063	≥ 0.709	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	0.996	1.340	≥ 0.893	Pass
8DPSK	SISO	HOPP	3DH5	1.003	1.305	≥ 0.87	Pass

3.2 Test Graph

3.2.1 Ant1





4. Number of Hopping Frequencies

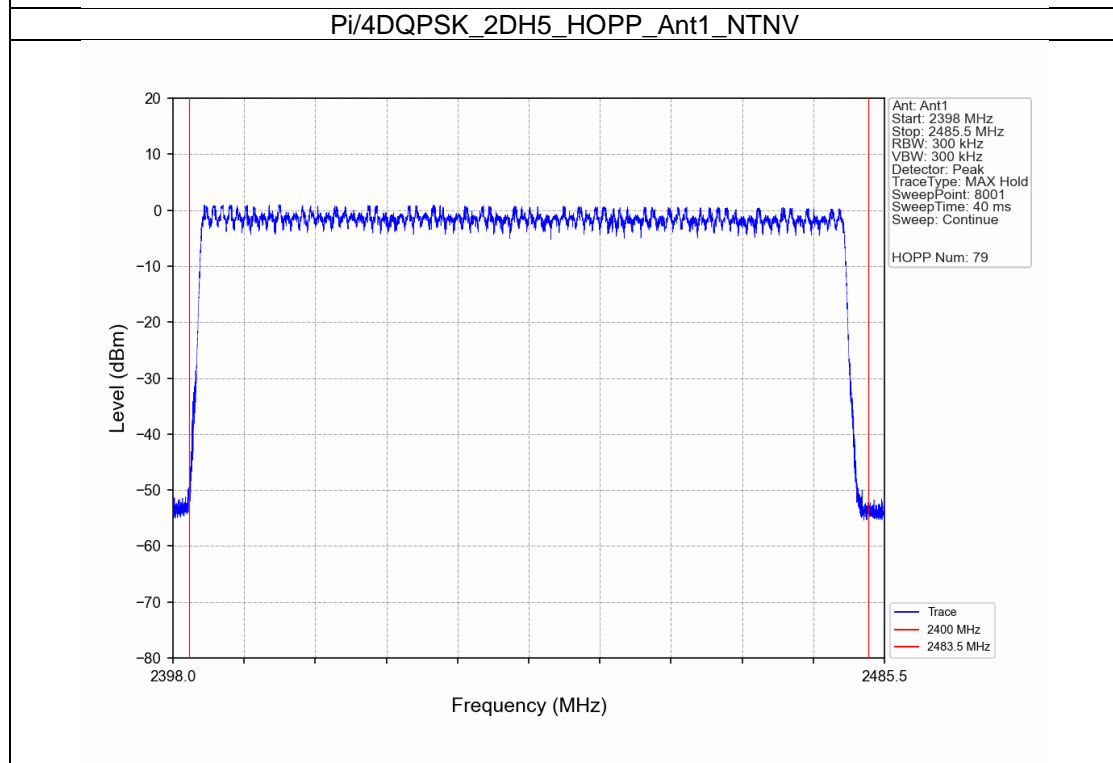
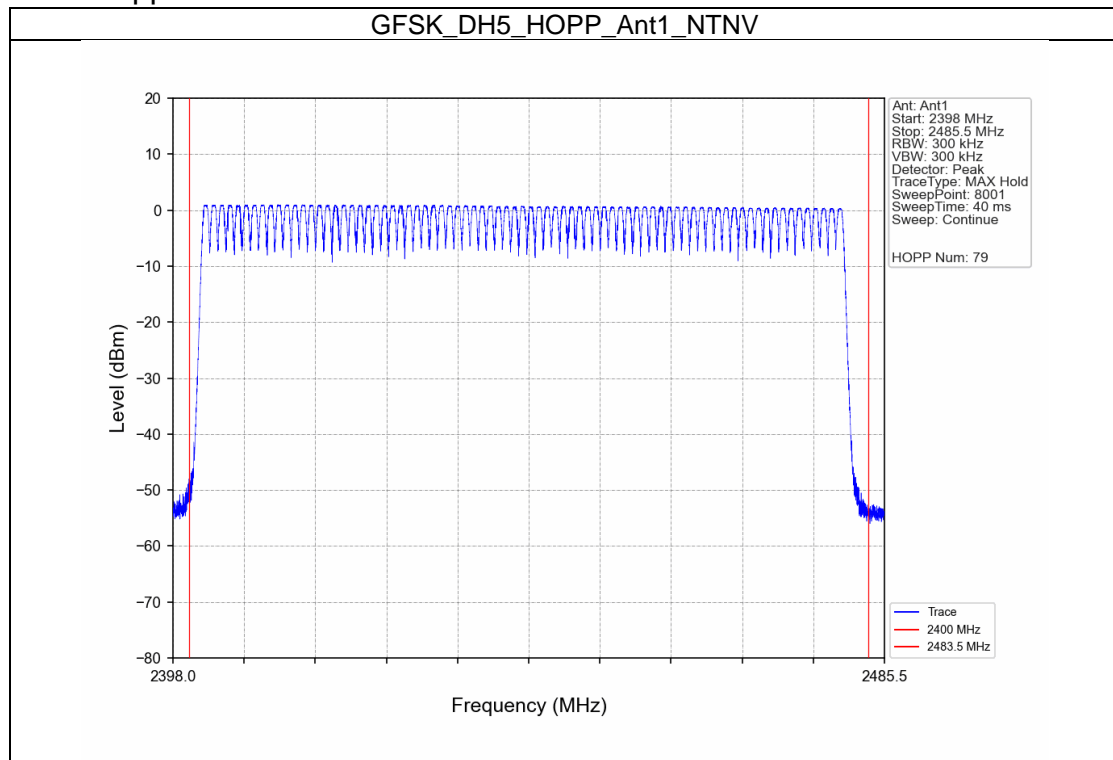
4.1 Test Result

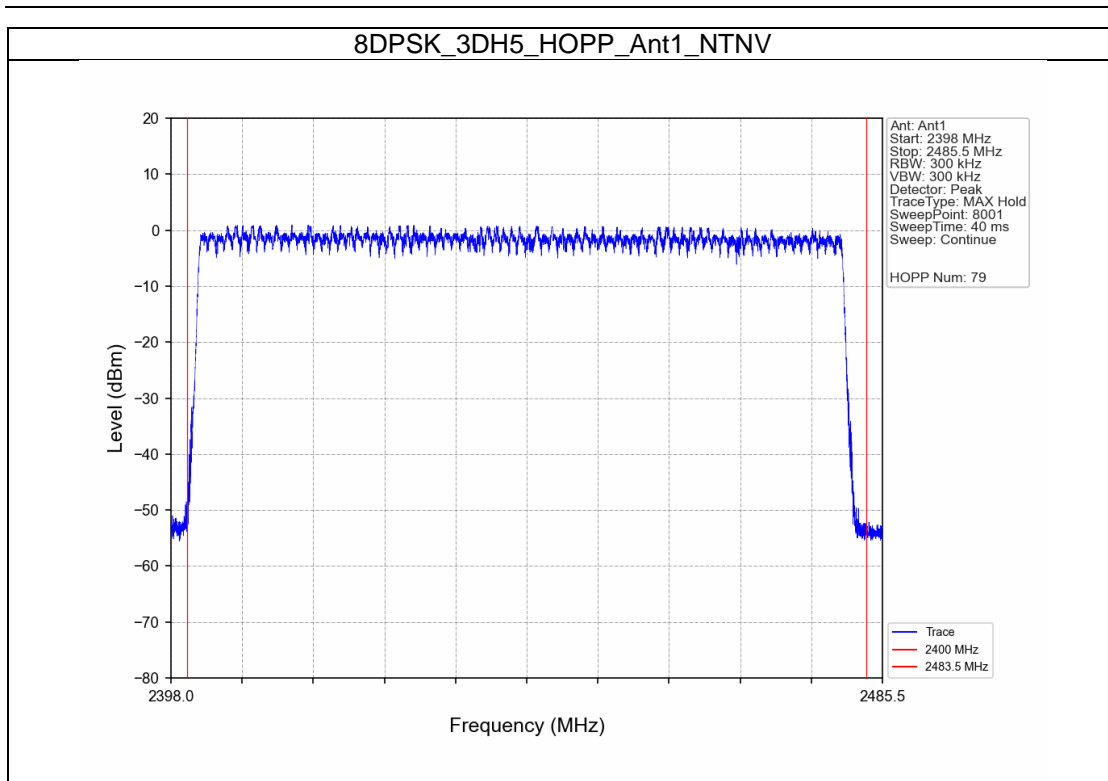
4.1.1 HoppNum

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

4.2 Test Graph

4.2.1 HoppNum





5. Time of Occupancy (Dwell Time)

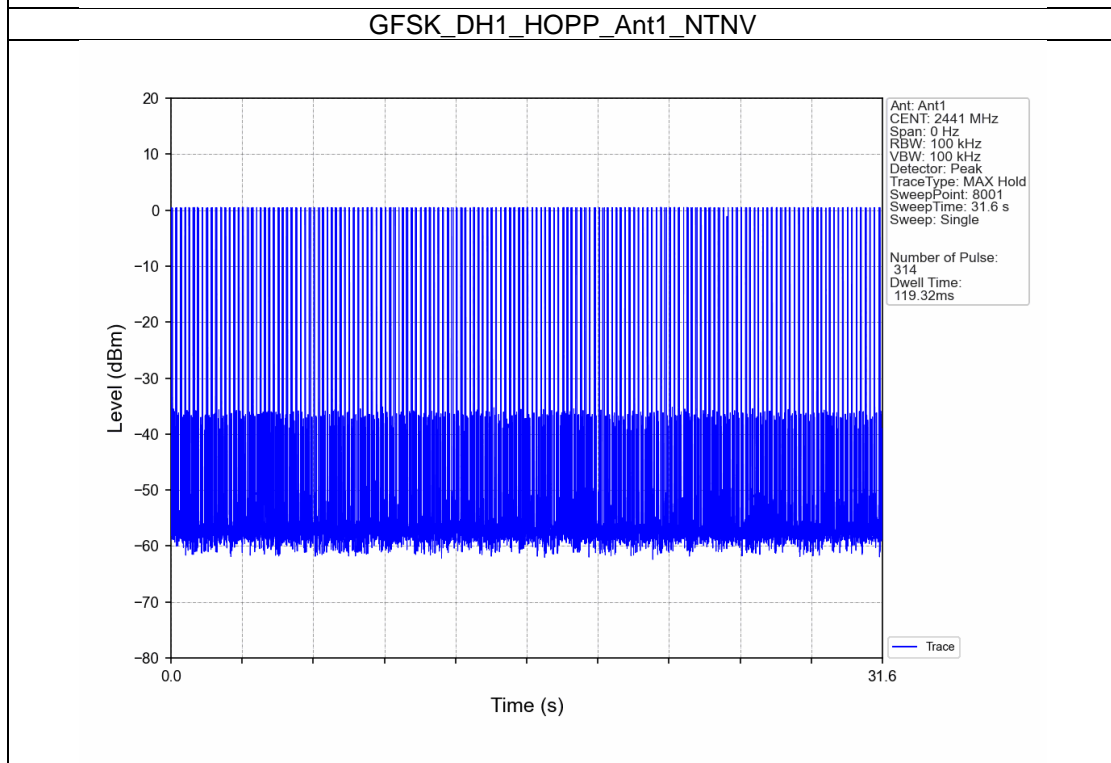
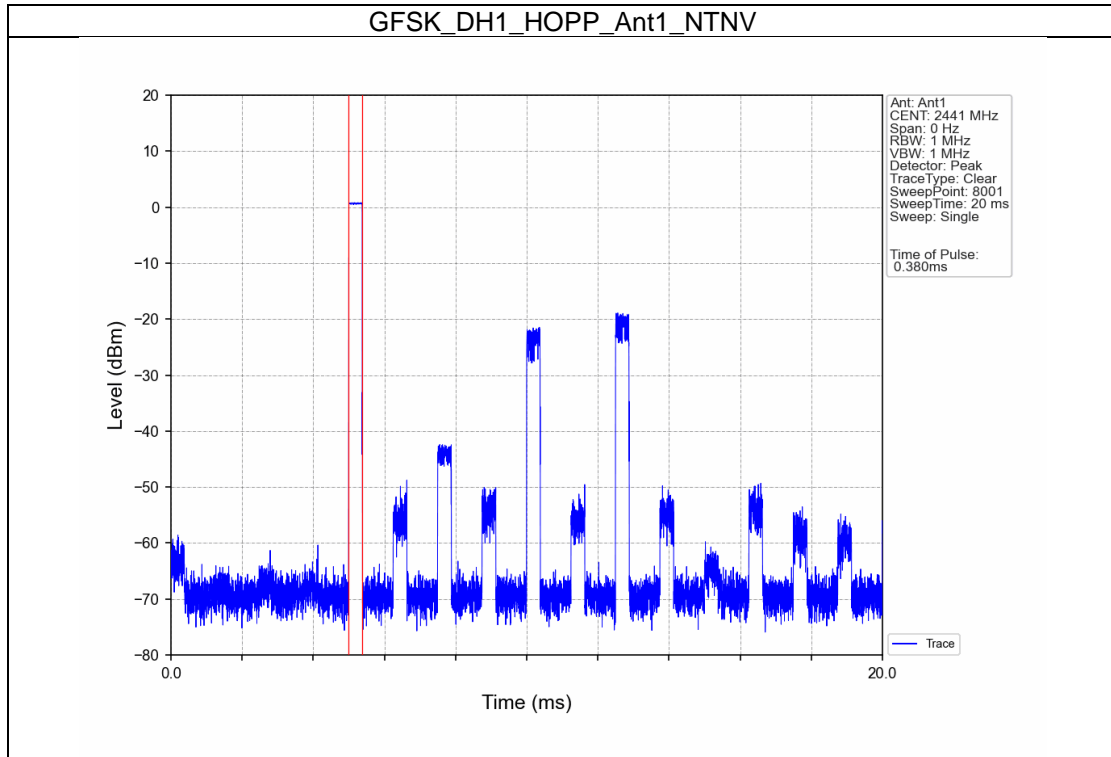
5.1 Test Result

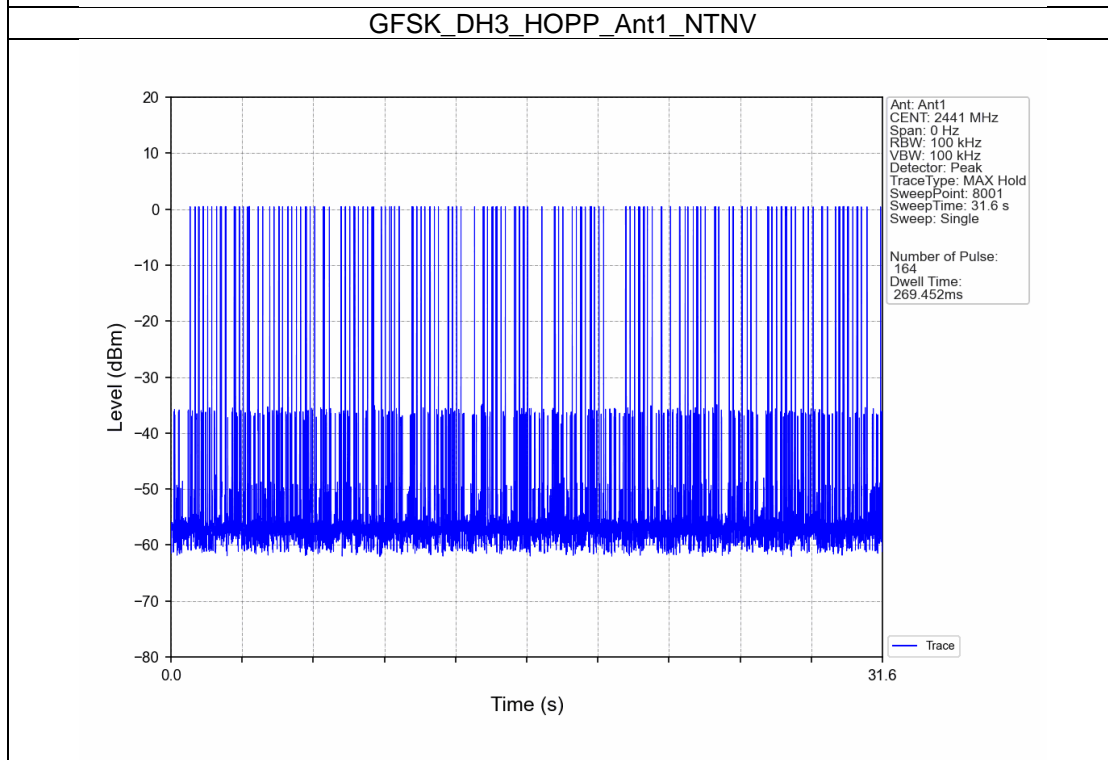
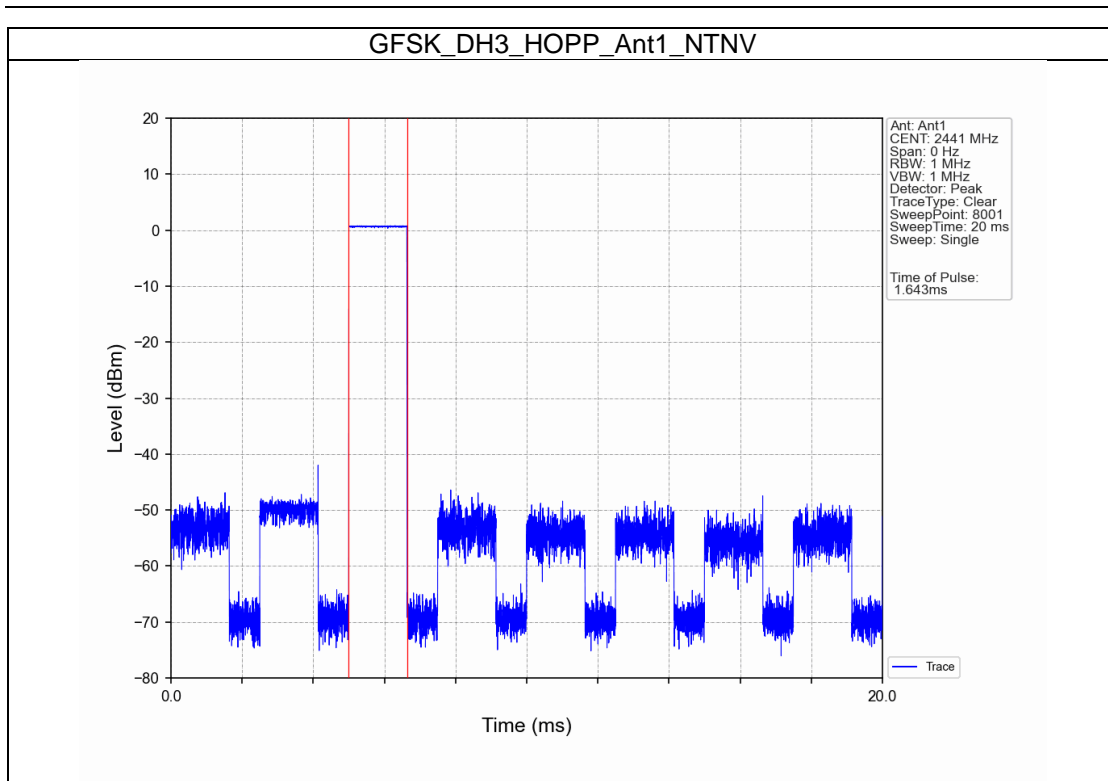
5.1.1 Ant1

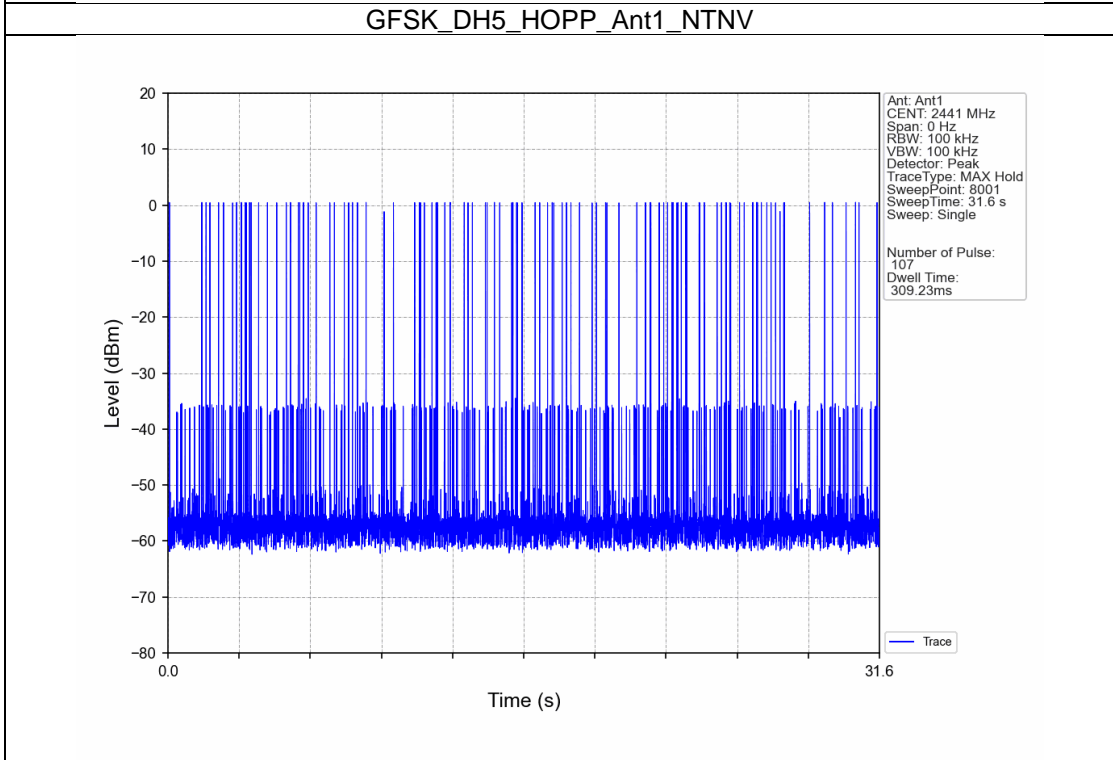
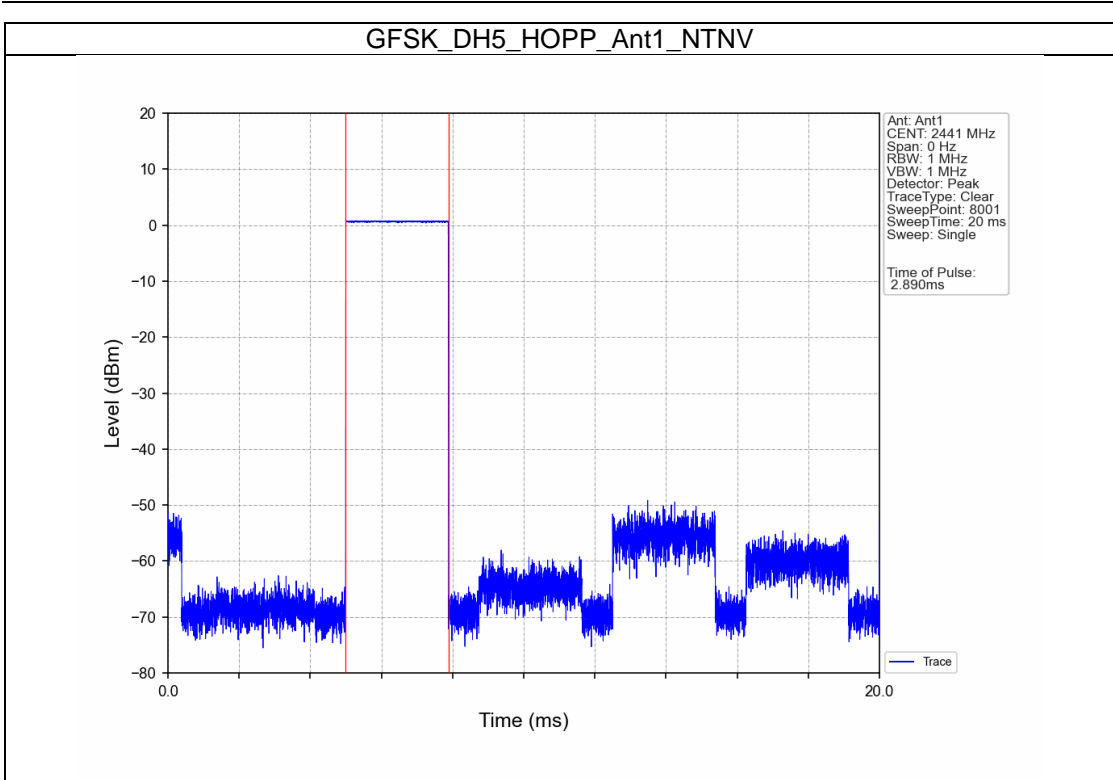
Ant1									
Mode	TX Type	Frequency (MHz)	Packet Type	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limit (ms)	Verdict
GFSK	SISO	HOPP	DH1	0.380	31.600	314	119.320	<=400	Pass
			DH3	1.643	31.600	164	269.452	<=400	Pass
			DH5	2.890	31.600	107	309.230	<=400	Pass
Pi/4DQPSK	SISO	HOPP	2DH1	0.420	31.600	317	133.140	<=400	Pass
			2DH3	1.675	31.600	159	266.325	<=400	Pass
			2DH5	2.920	31.600	98	286.160	<=400	Pass
8DPSK	SISO	HOPP	3DH1	0.400	31.600	317	126.800	<=400	Pass
			3DH3	1.665	31.600	164	273.060	<=400	Pass
			3DH5	2.913	31.600	116	337.908	<=400	Pass

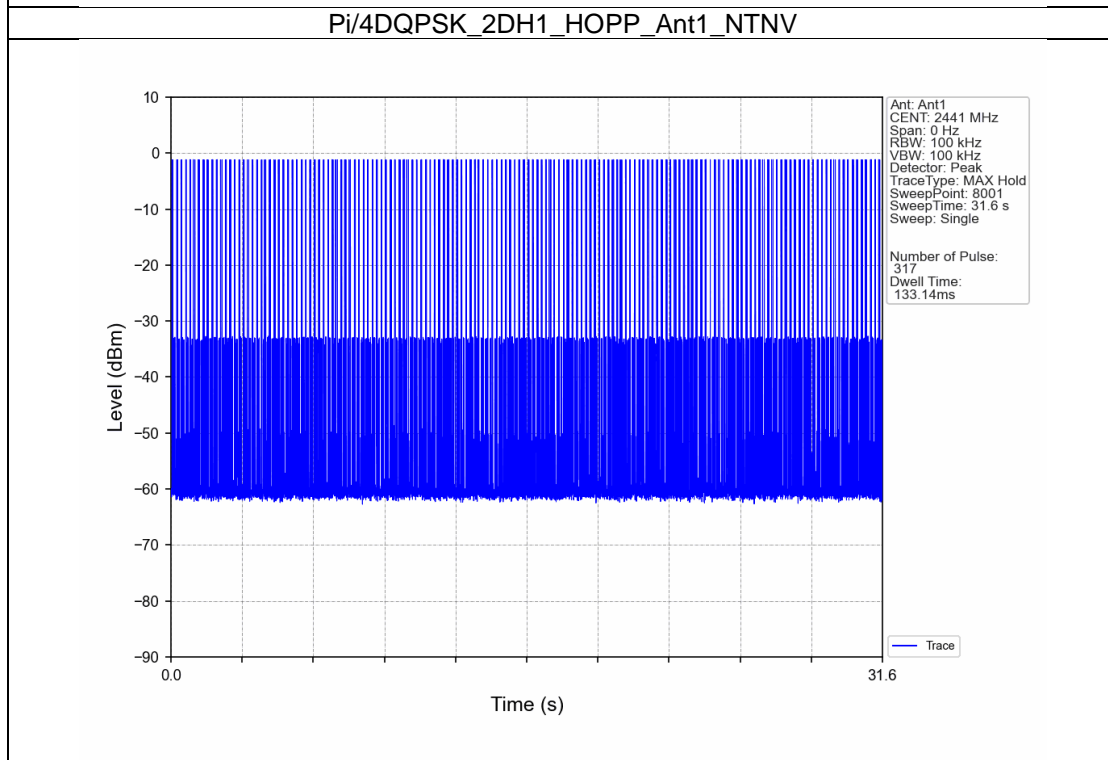
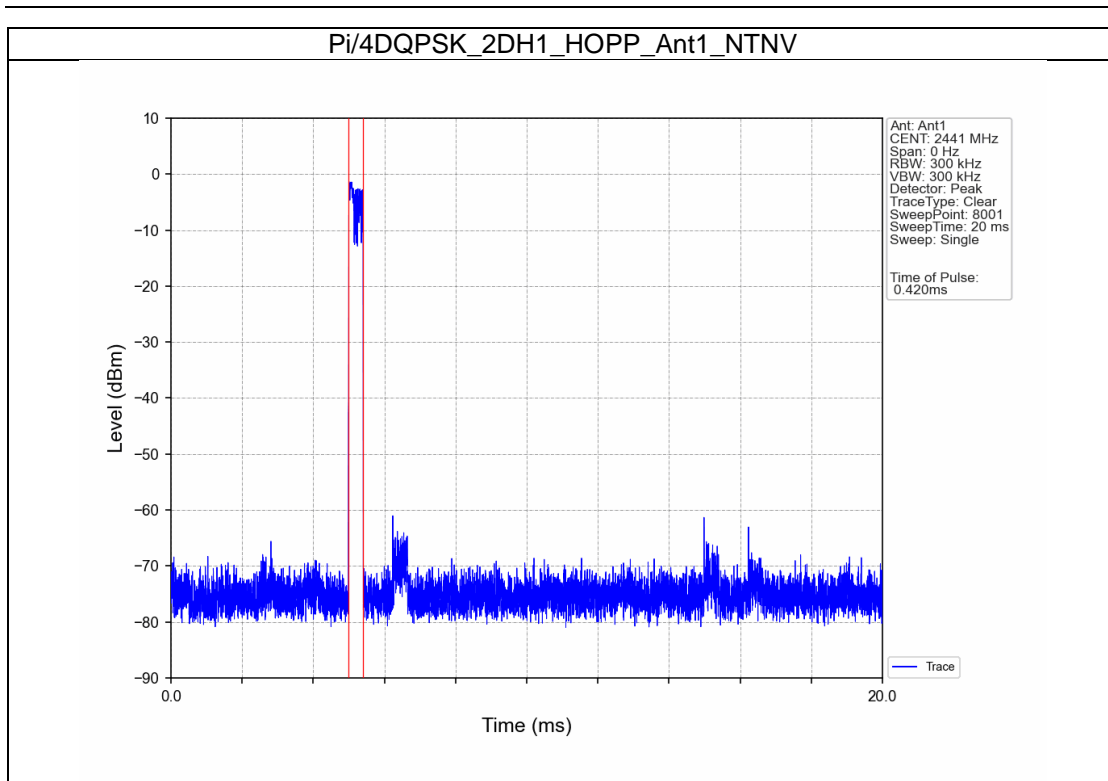
5.2 Test Graph

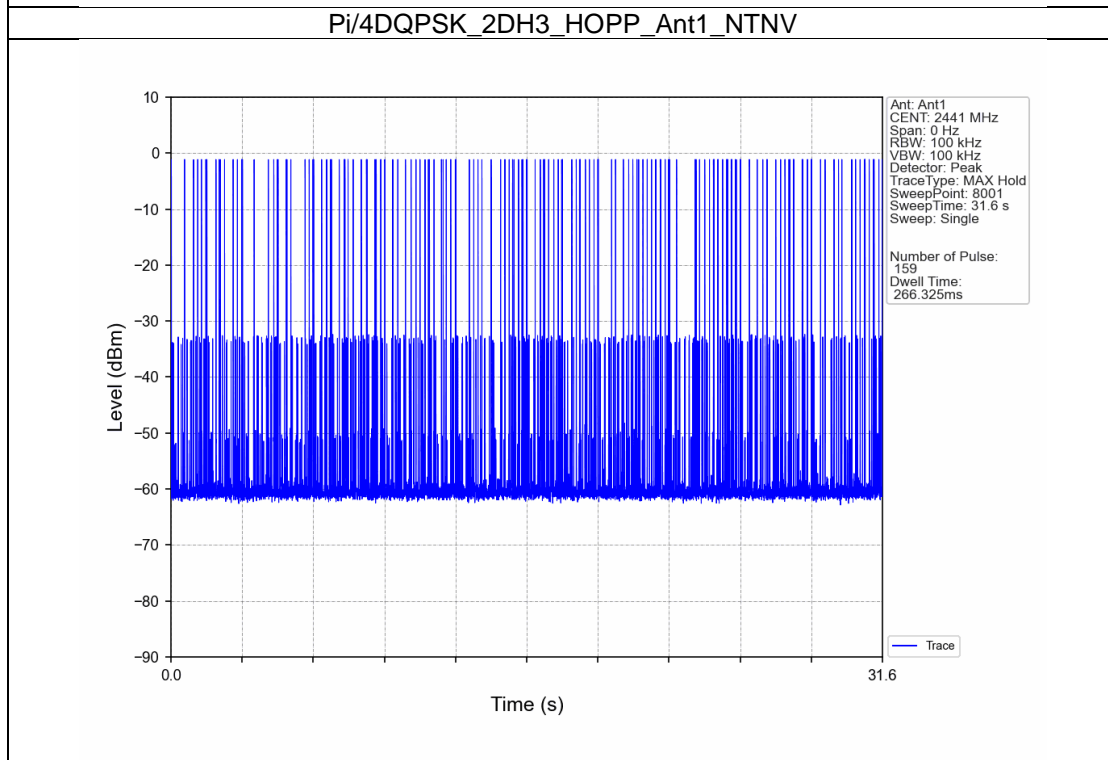
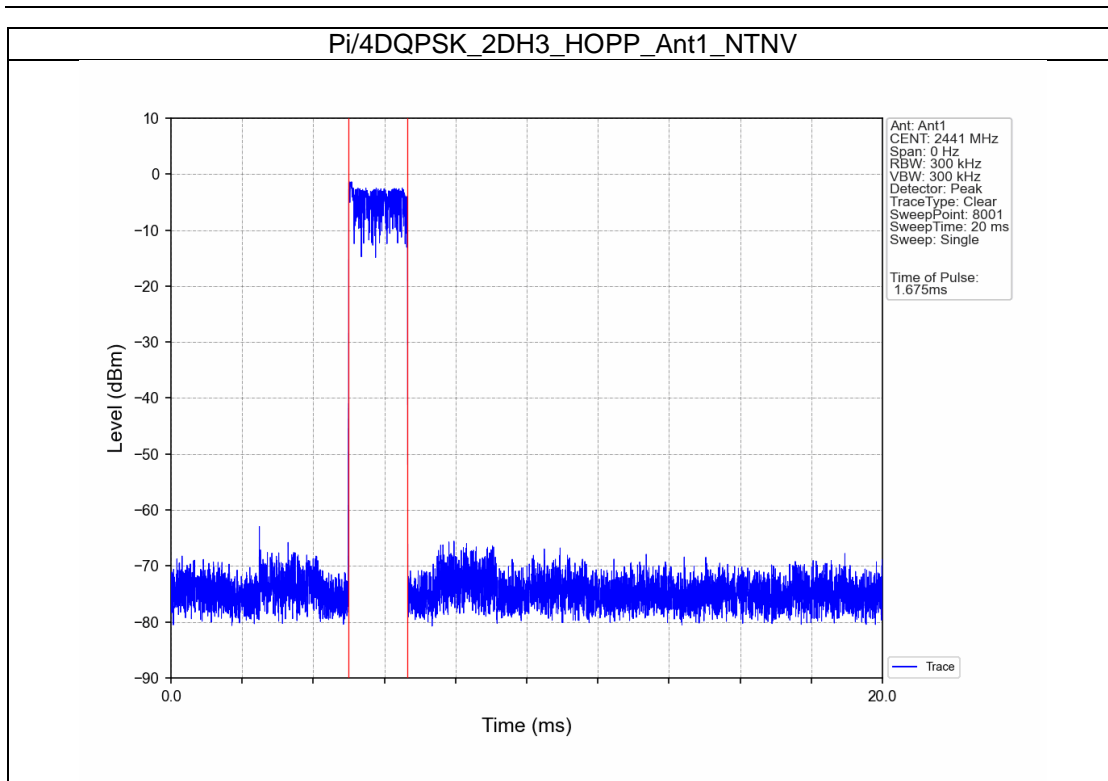
5.2.1 Ant1

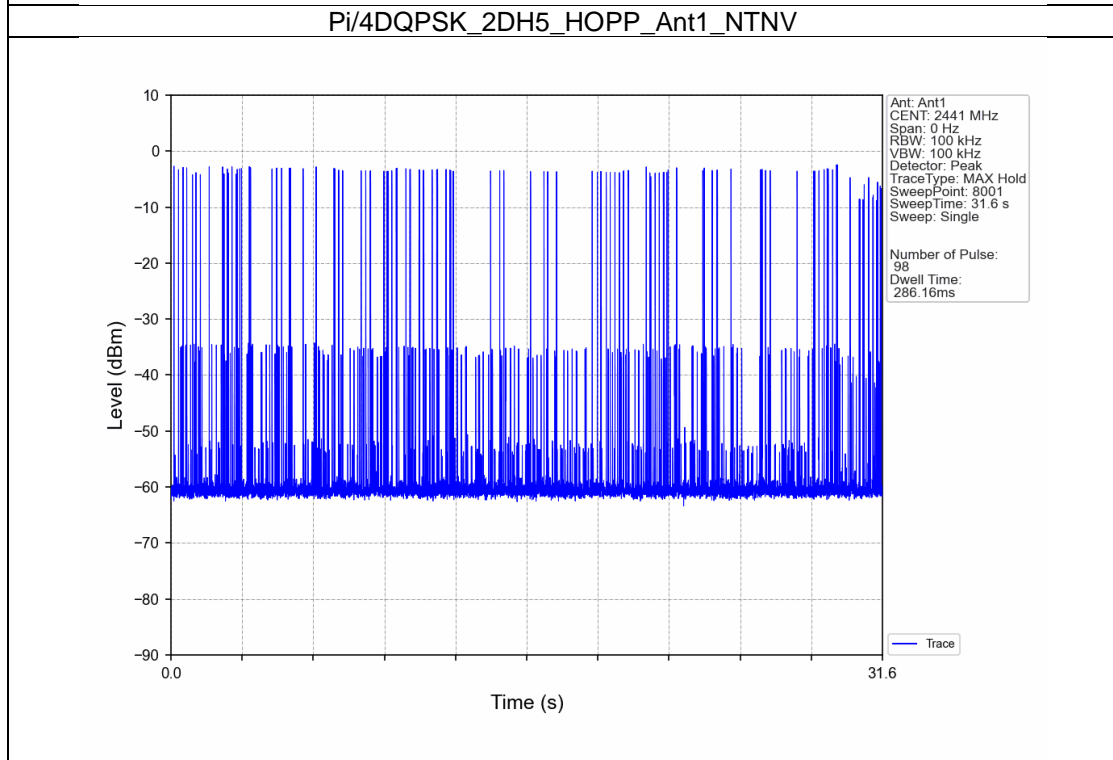
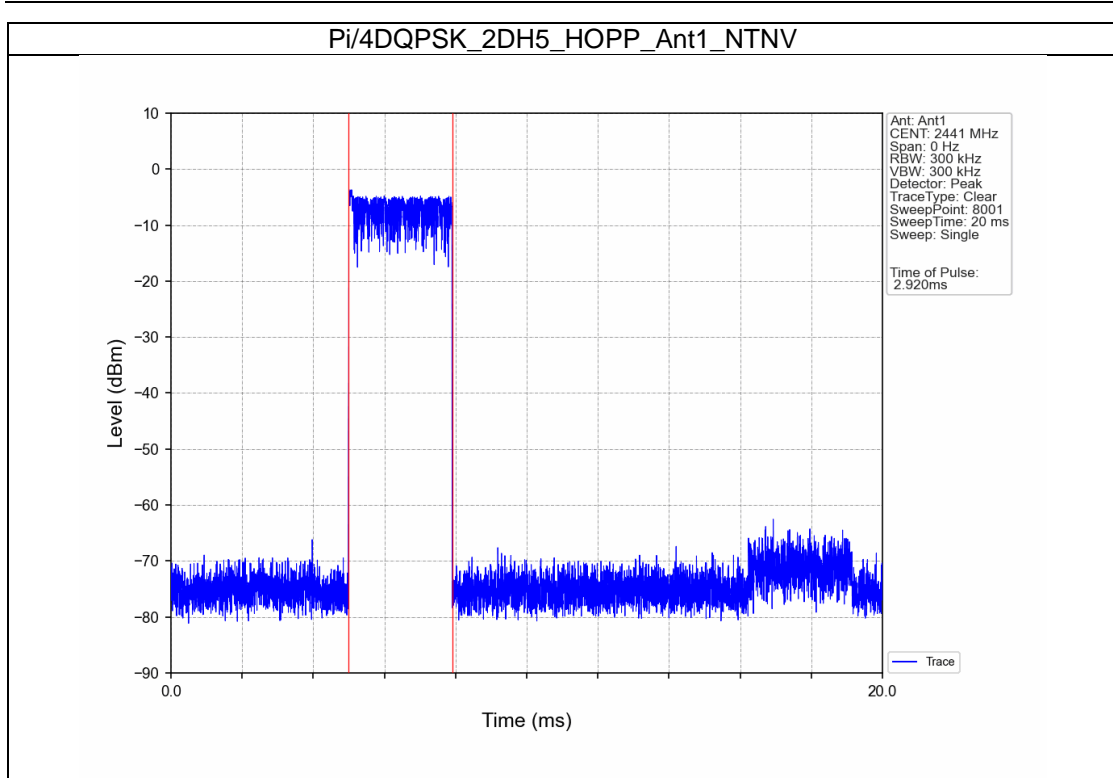


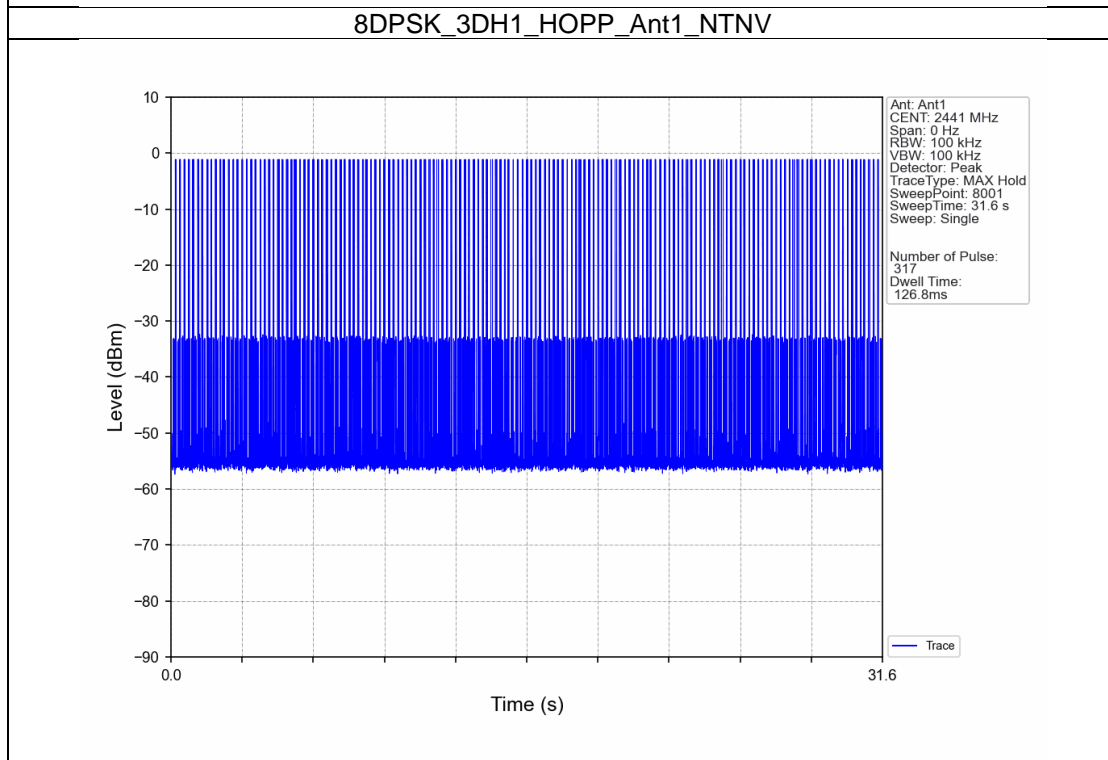
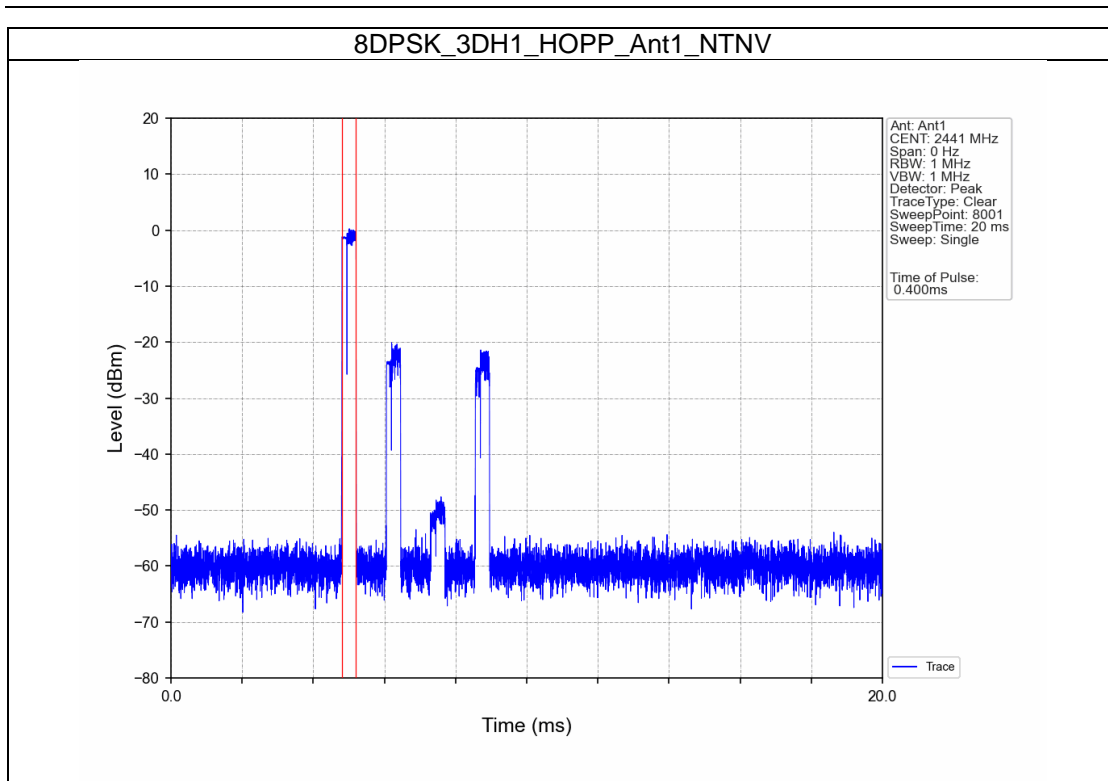


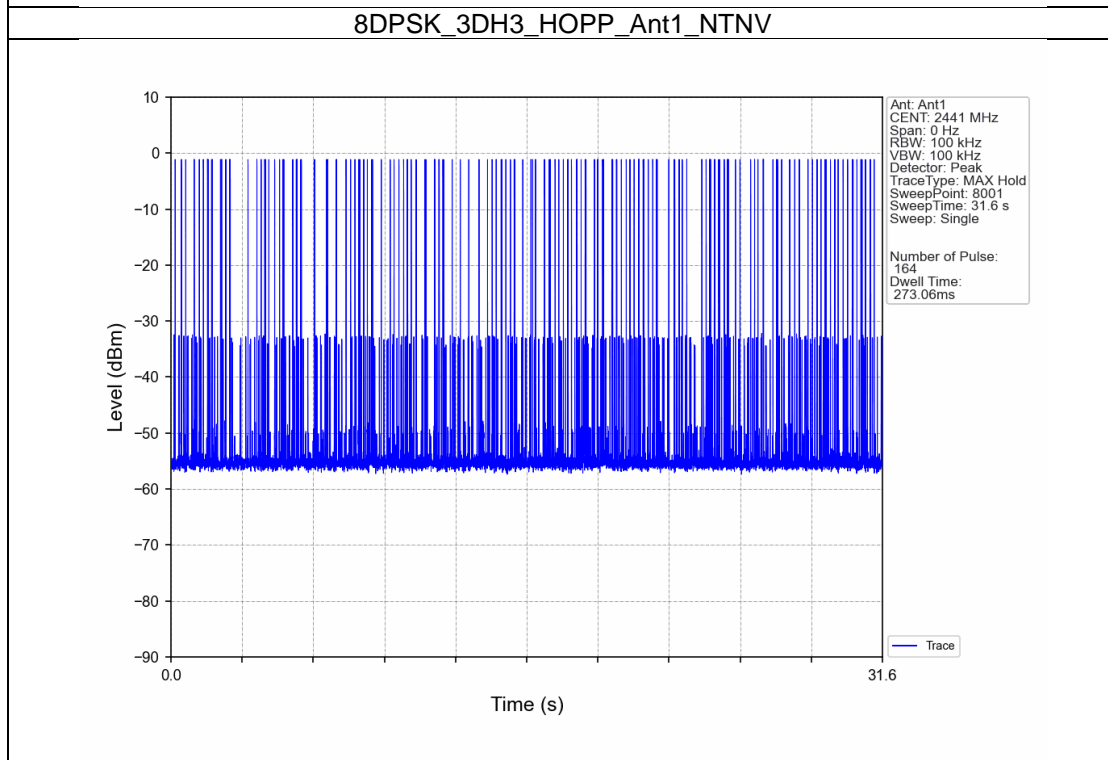
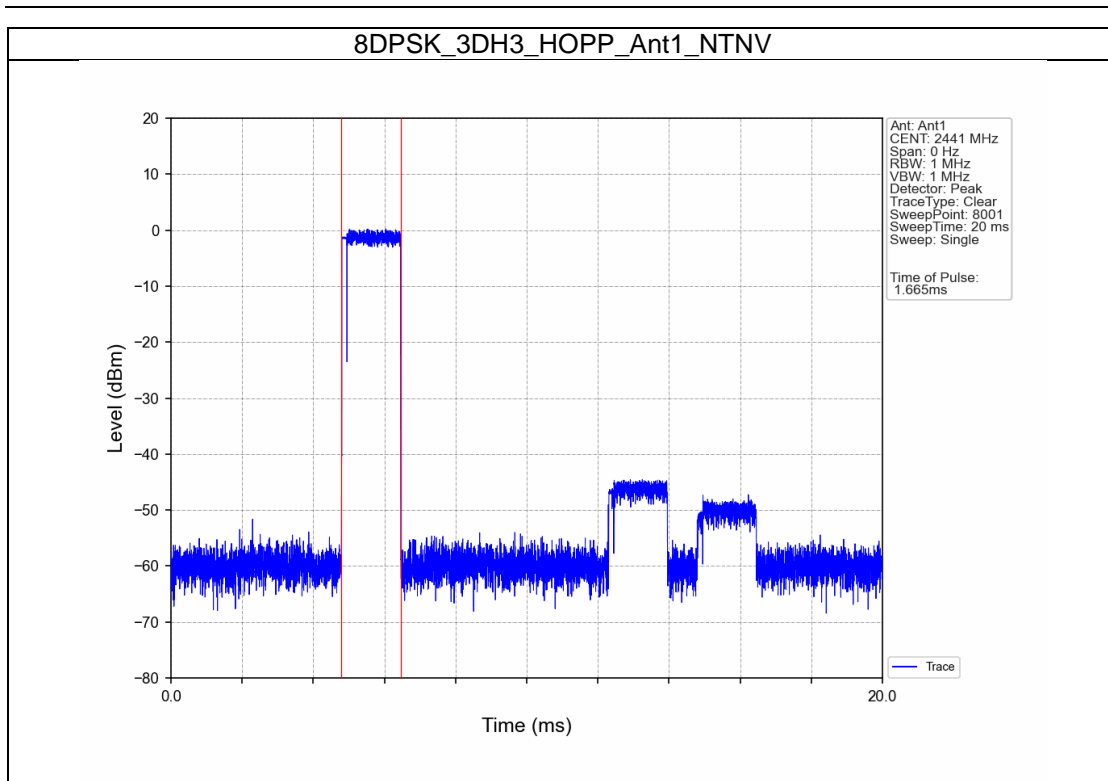


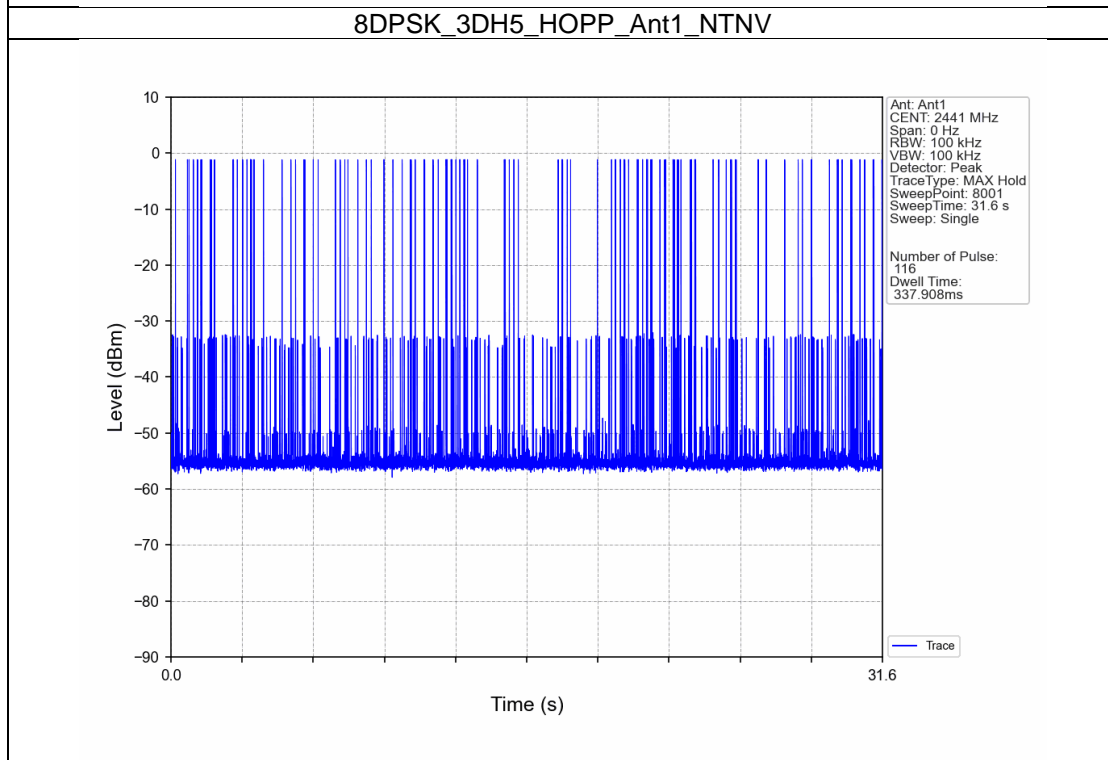
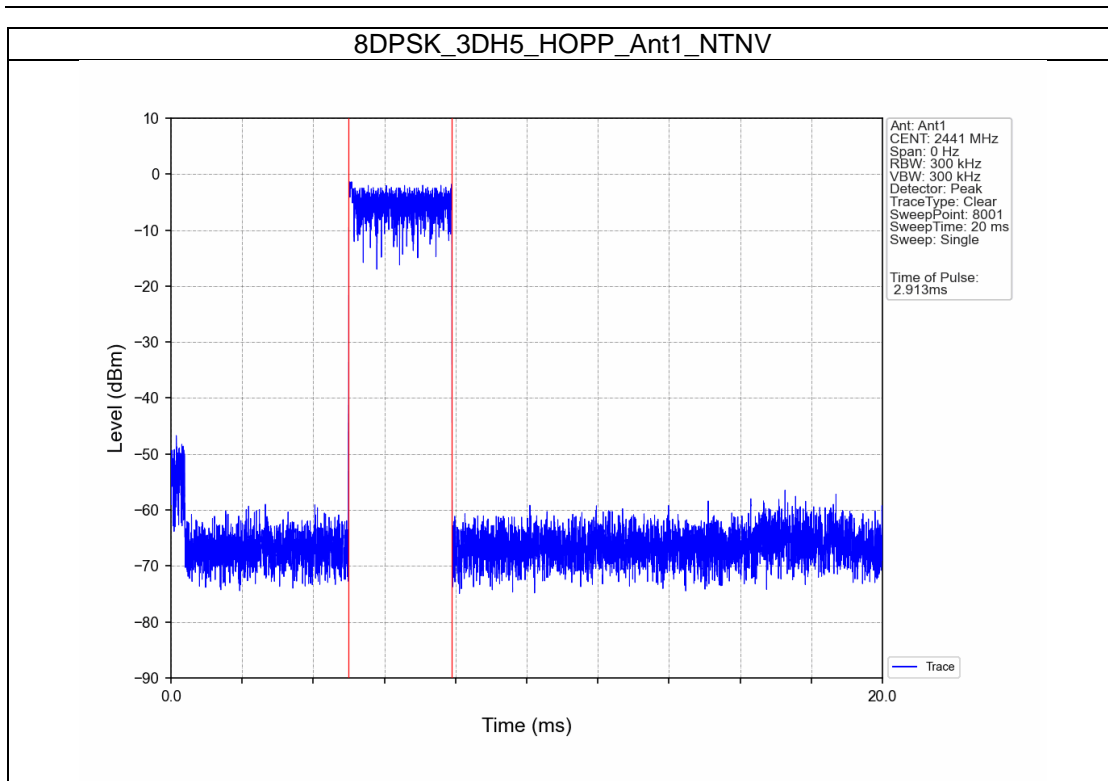












6. Unwanted Emissions In Non-restricted Frequency Bands

6.1 Test Result

6.1.1 Ref

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)
GFSK	SISO	2402	DH5	1	1.10
		2441	DH5	1	0.74
		2480	DH5	1	0.53
Pi/4DQPSK	SISO	2402	2DH5	1	1.10
		2441	2DH5	1	0.92
		2480	2DH5	1	0.41
8DPSK	SISO	2402	3DH5	1	1.06
		2441	3DH5	1	0.91
		2480	3DH5	1	0.53

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.

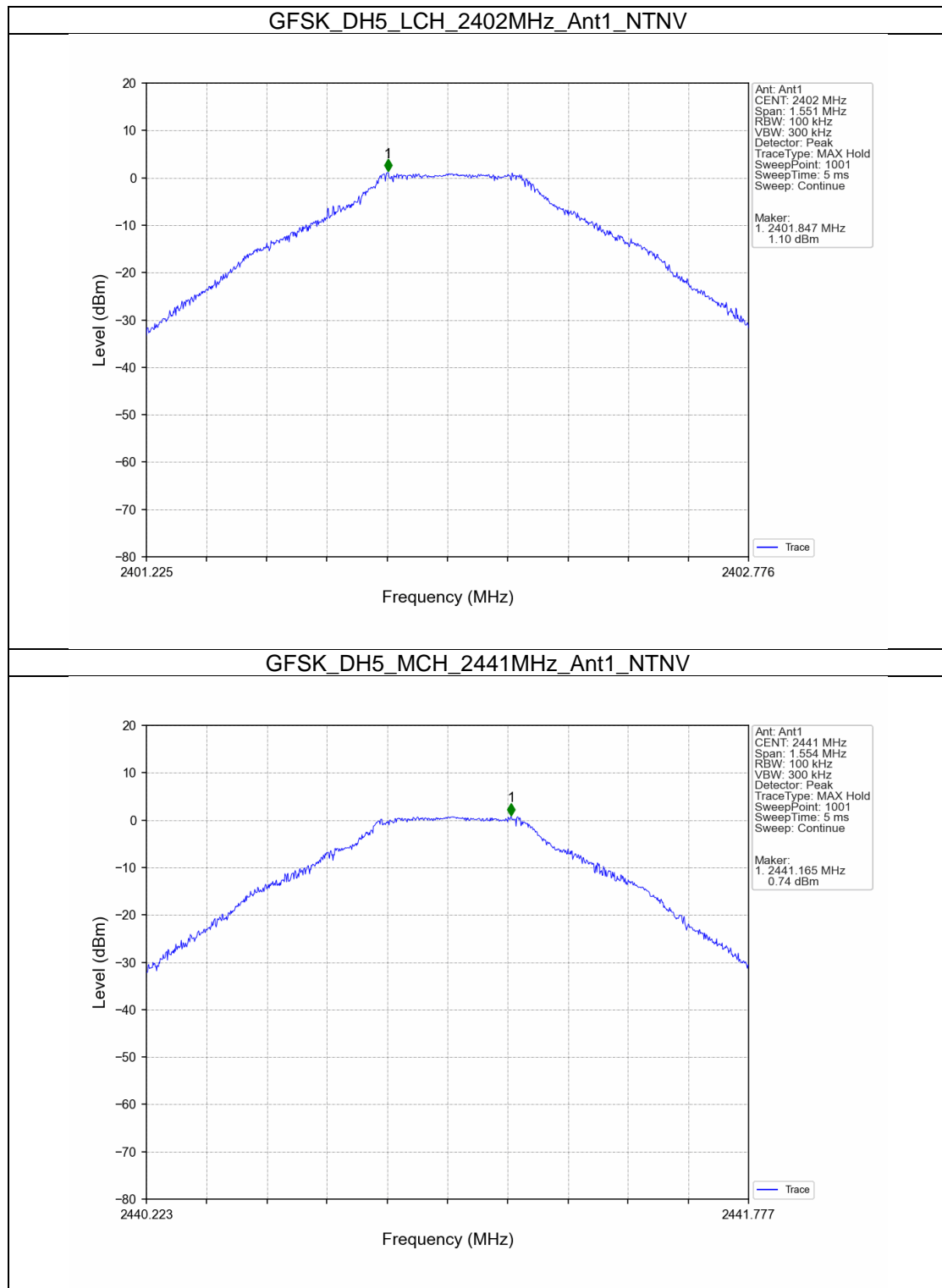
6.1.2 CSE

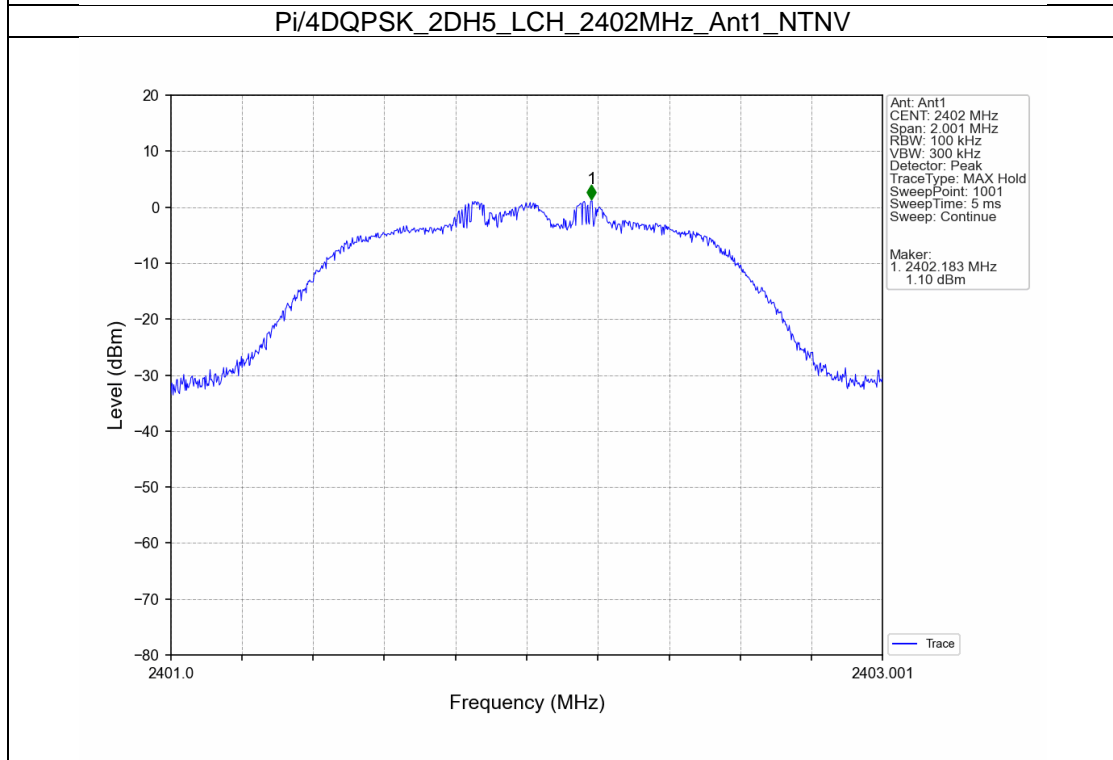
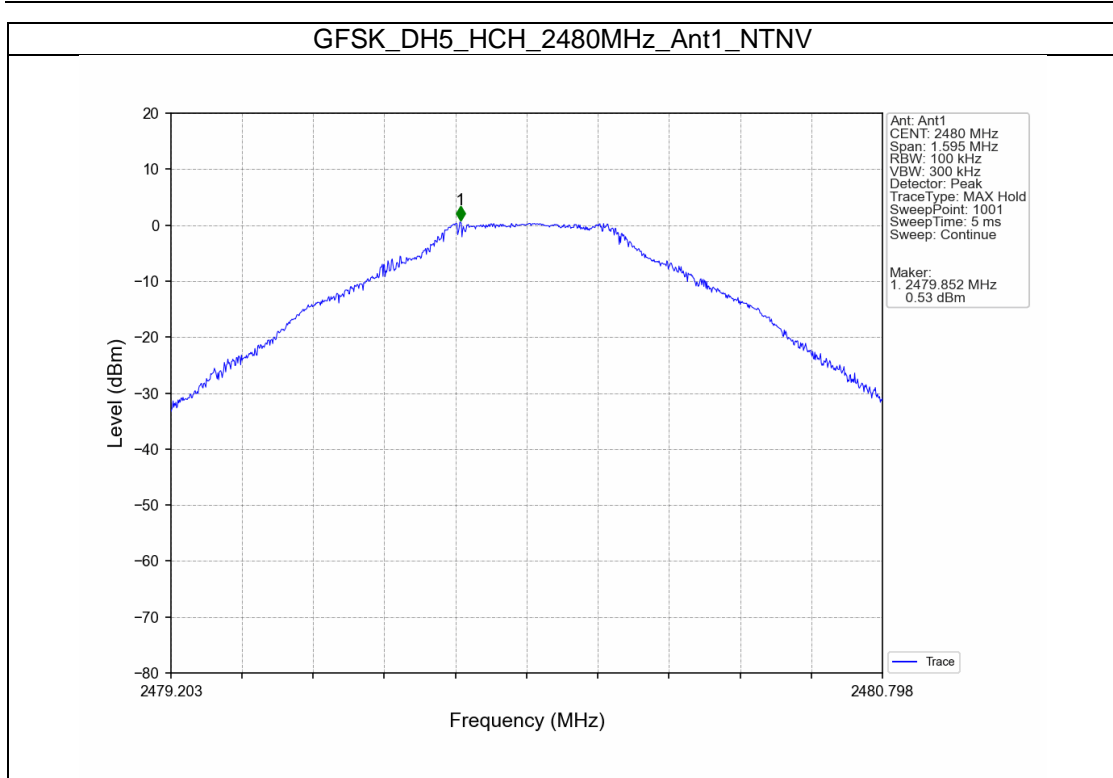
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	DH5	1	1.10	-18.90	Pass
		2441	DH5	1	1.10	-18.90	Pass
		2480	DH5	1	1.10	-18.90	Pass
		HOPP	DH5	1	1.10	-18.90	Pass
					1.10	-18.90	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.10	-18.90	Pass
		2441	2DH5	1	1.10	-18.90	Pass
		2480	2DH5	1	1.10	-18.90	Pass
		HOPP	2DH5	1	1.10	-18.90	Pass
					1.10	-18.90	Pass
8DPSK	SISO	2402	3DH5	1	1.06	-18.94	Pass
		2441	3DH5	1	1.06	-18.94	Pass
		2480	3DH5	1	1.06	-18.94	Pass
		HOPP	3DH5	1	1.06	-18.94	Pass
					1.06	-18.94	Pass

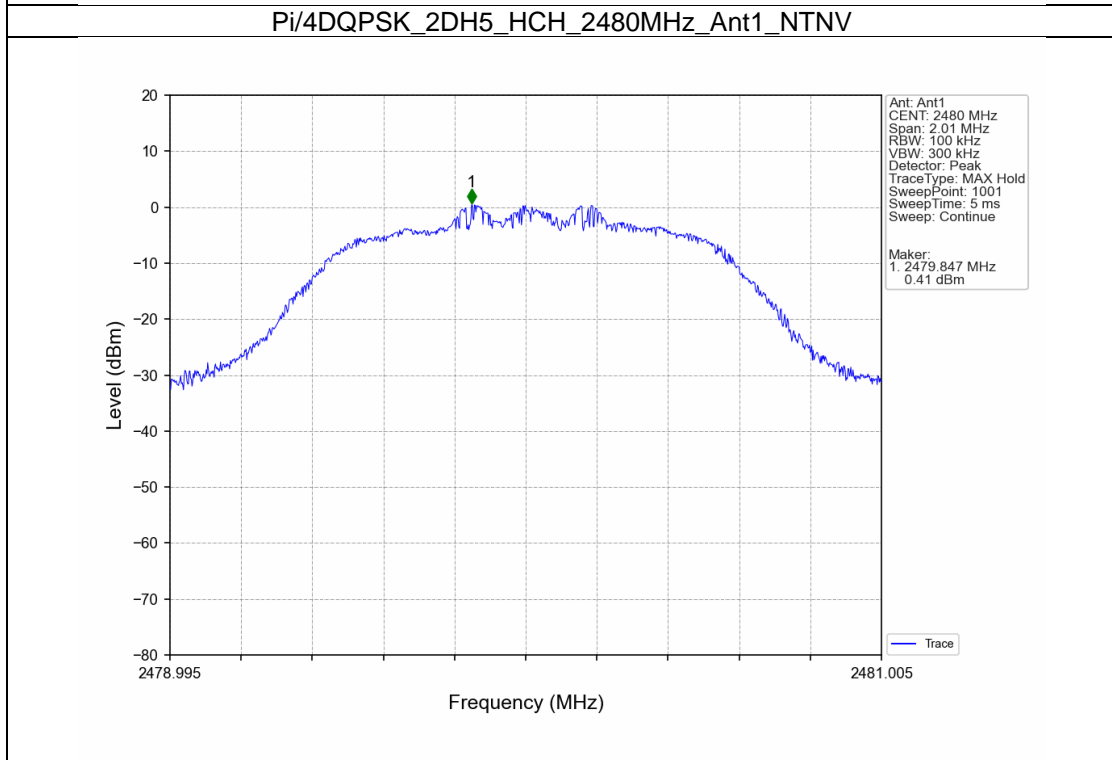
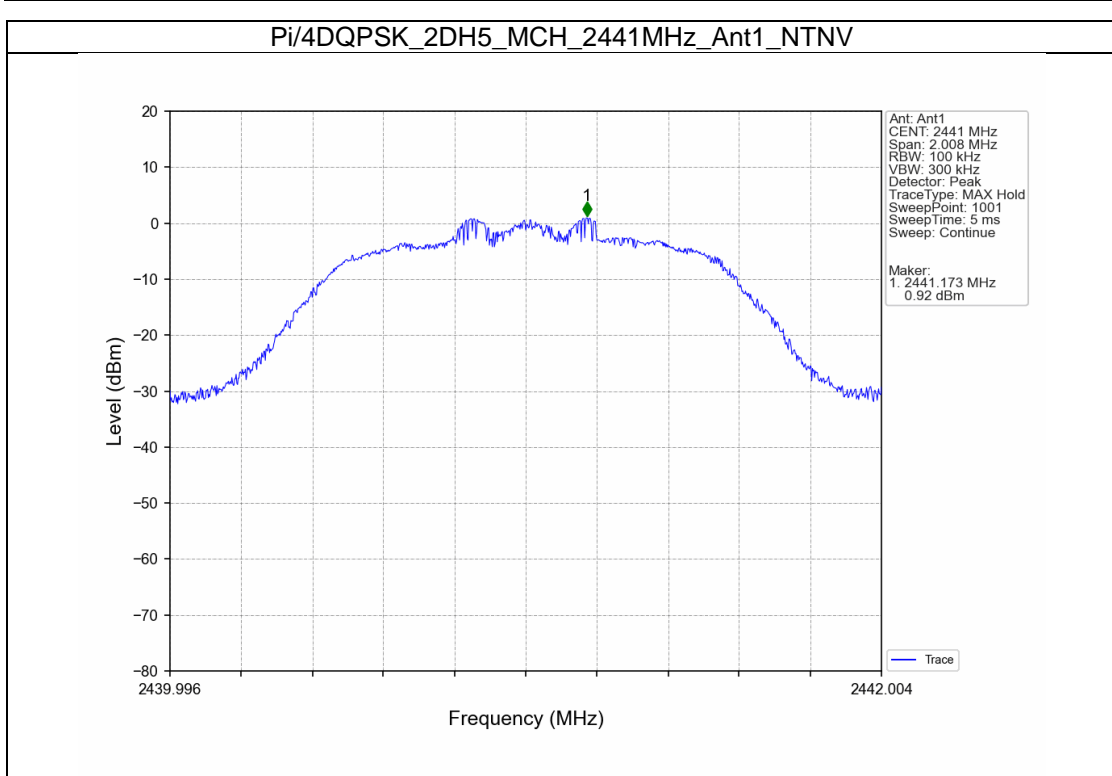
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.

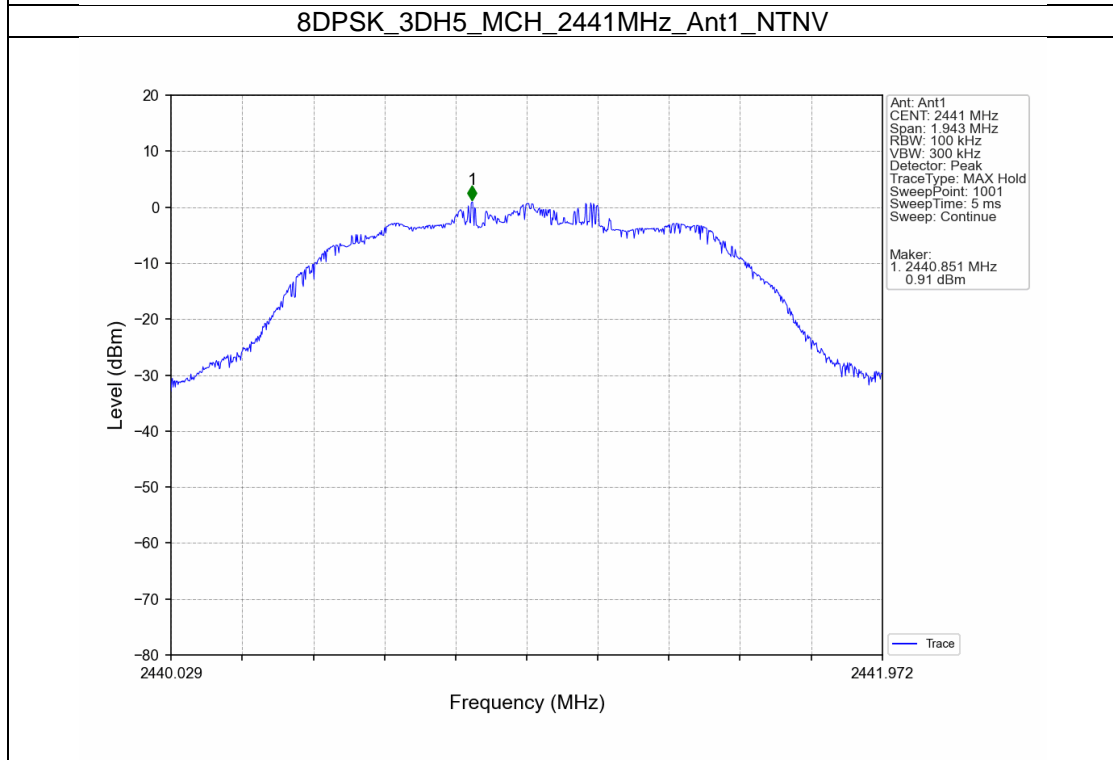
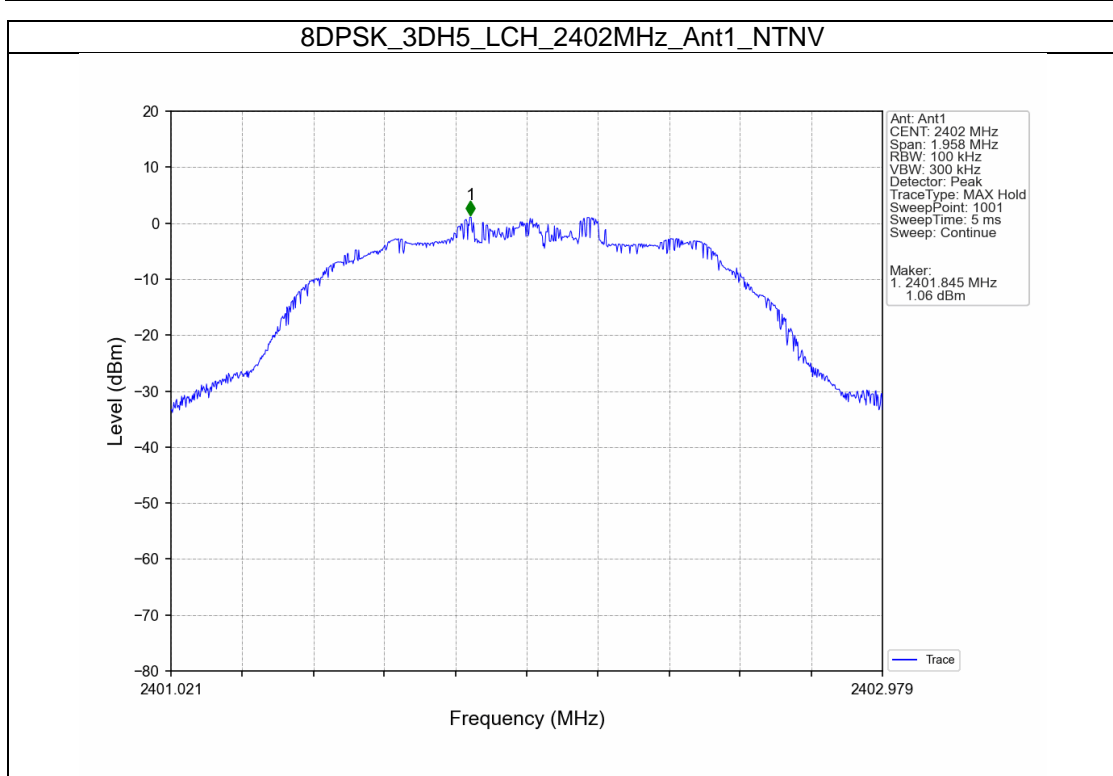
6.2 Test Graph

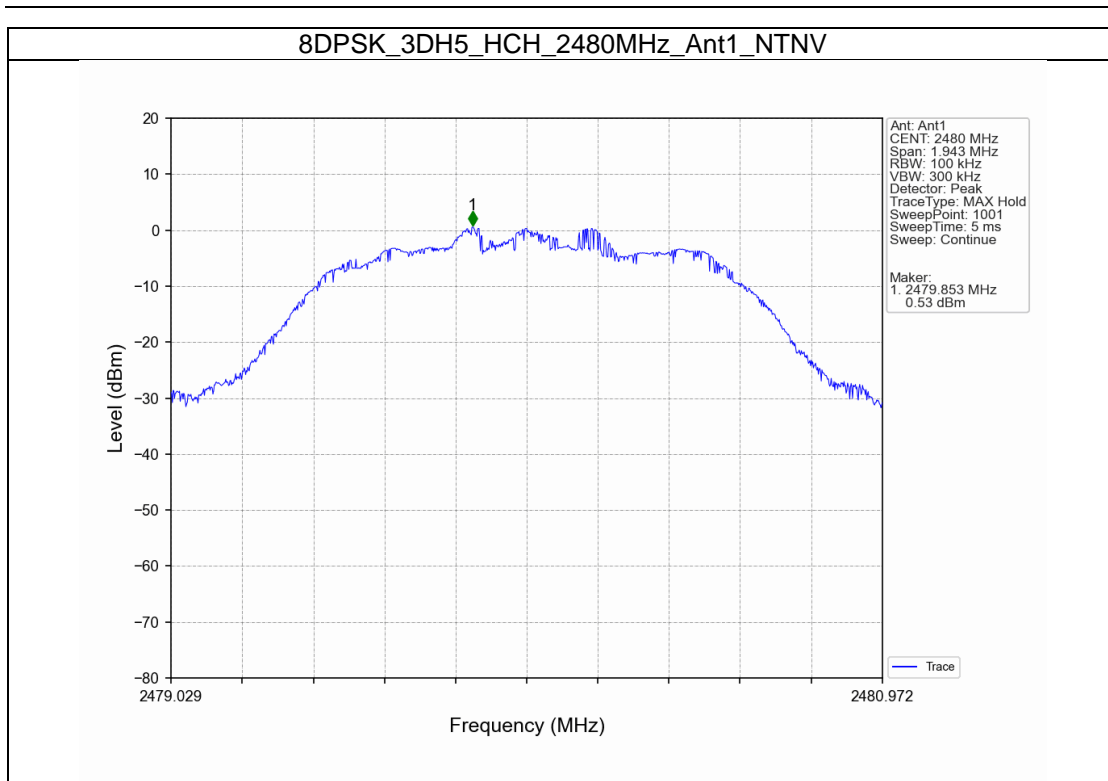
6.2.1 Ref



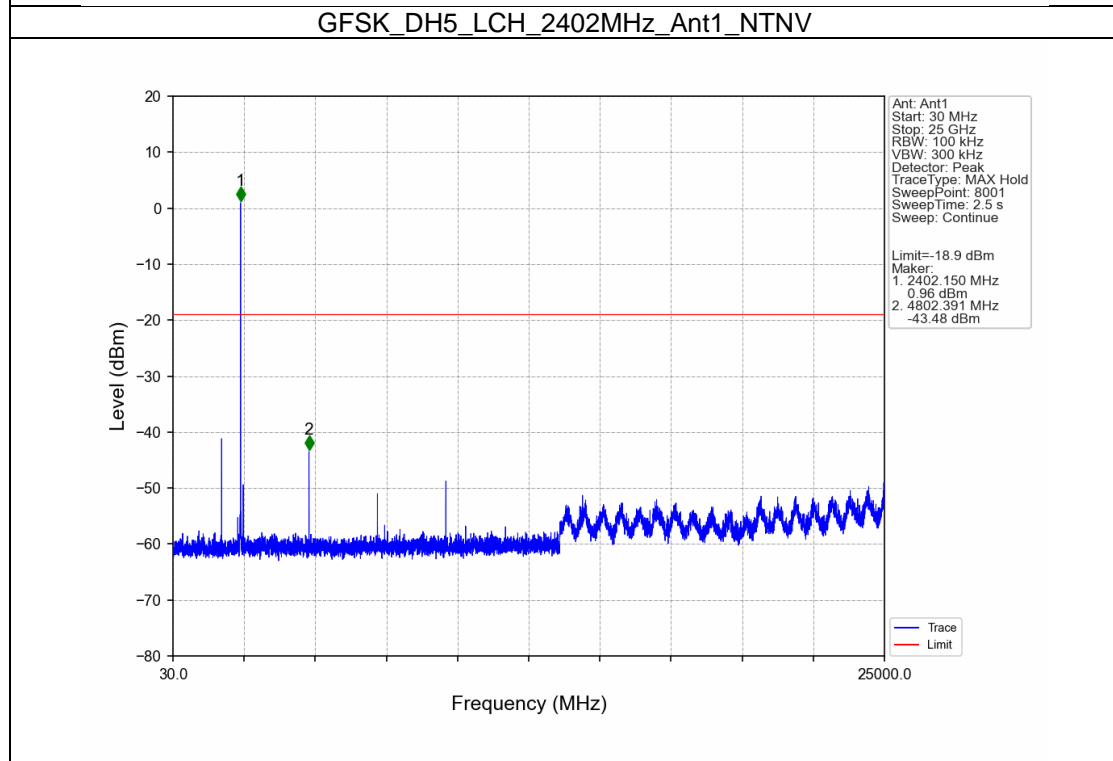
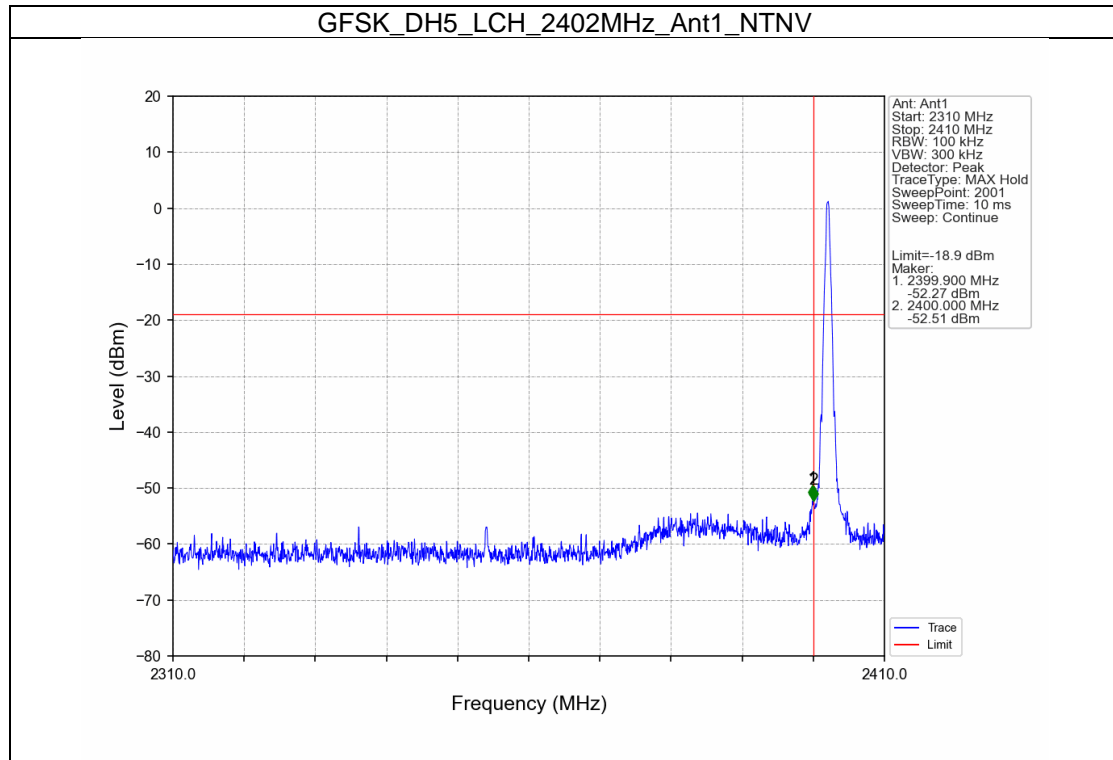


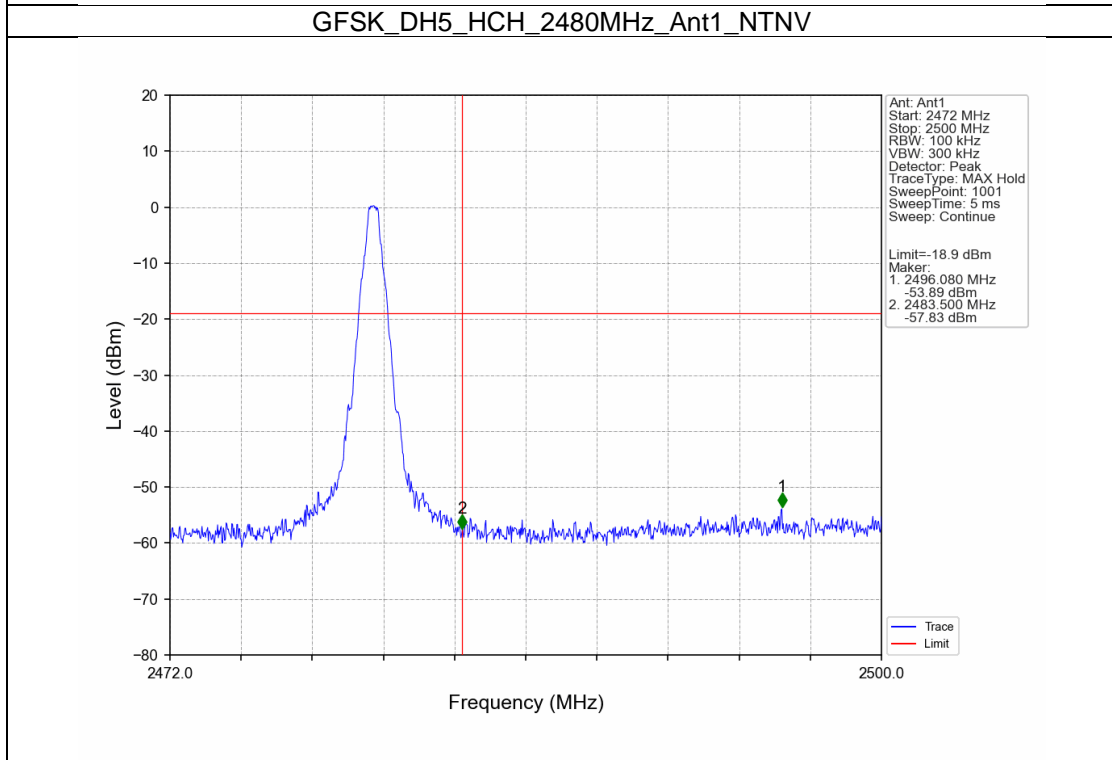
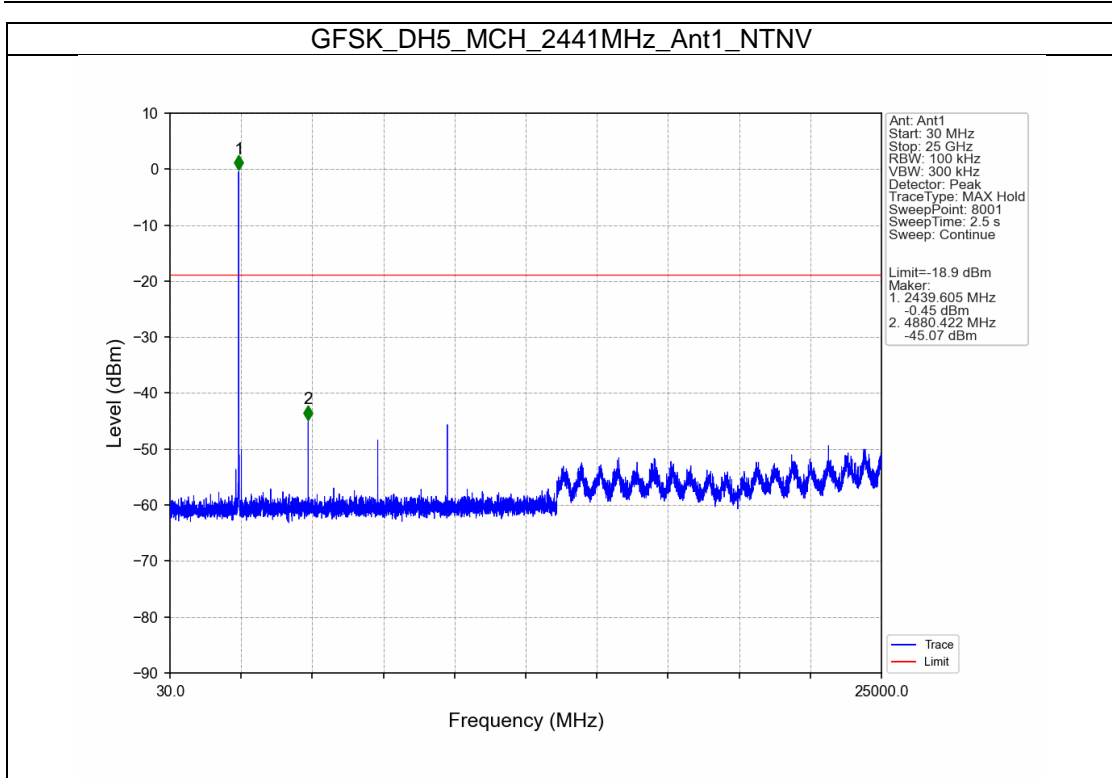


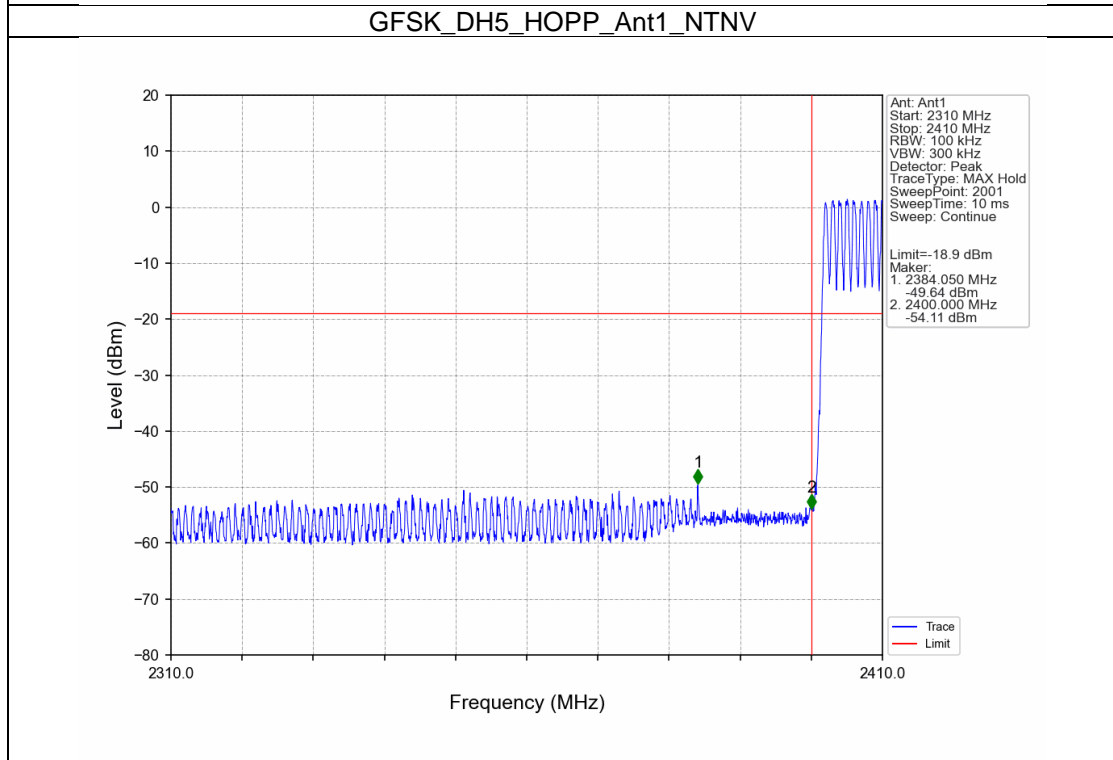
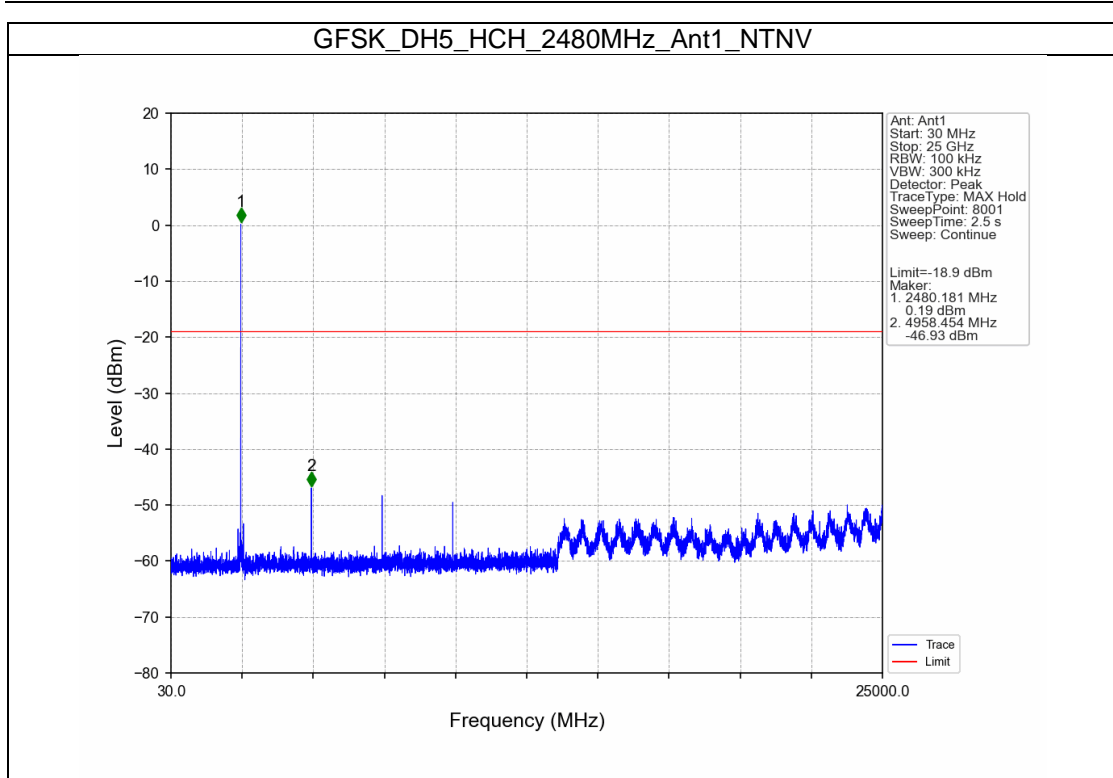


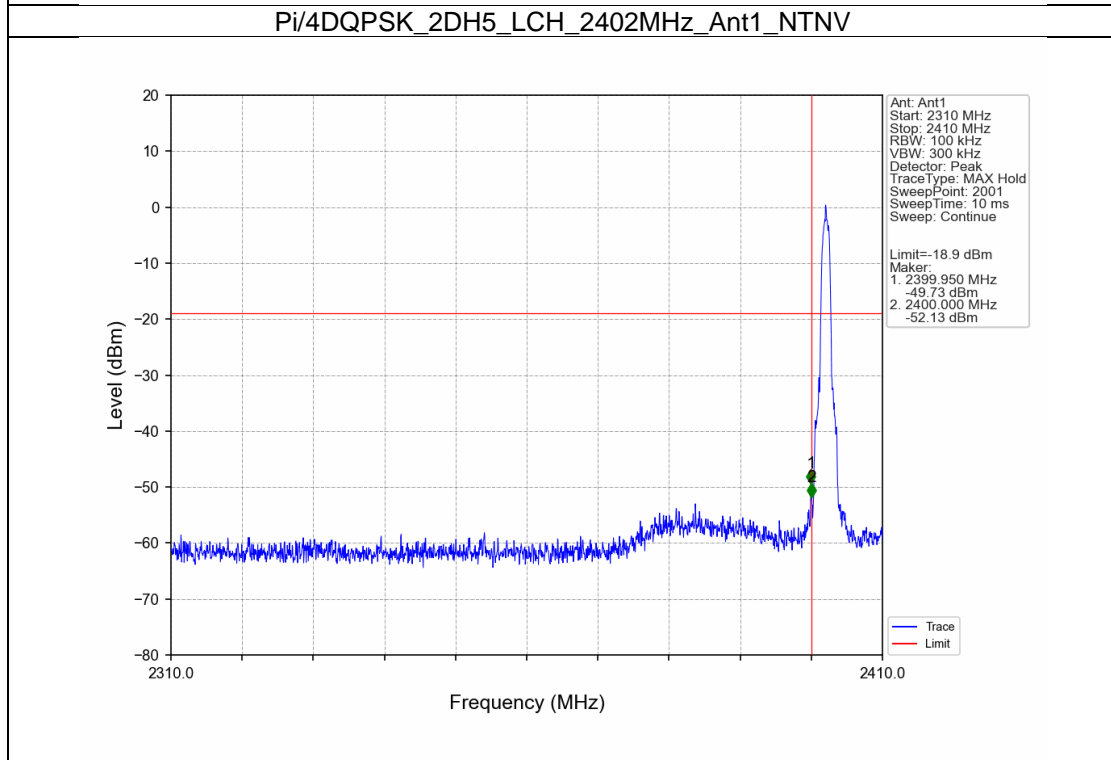
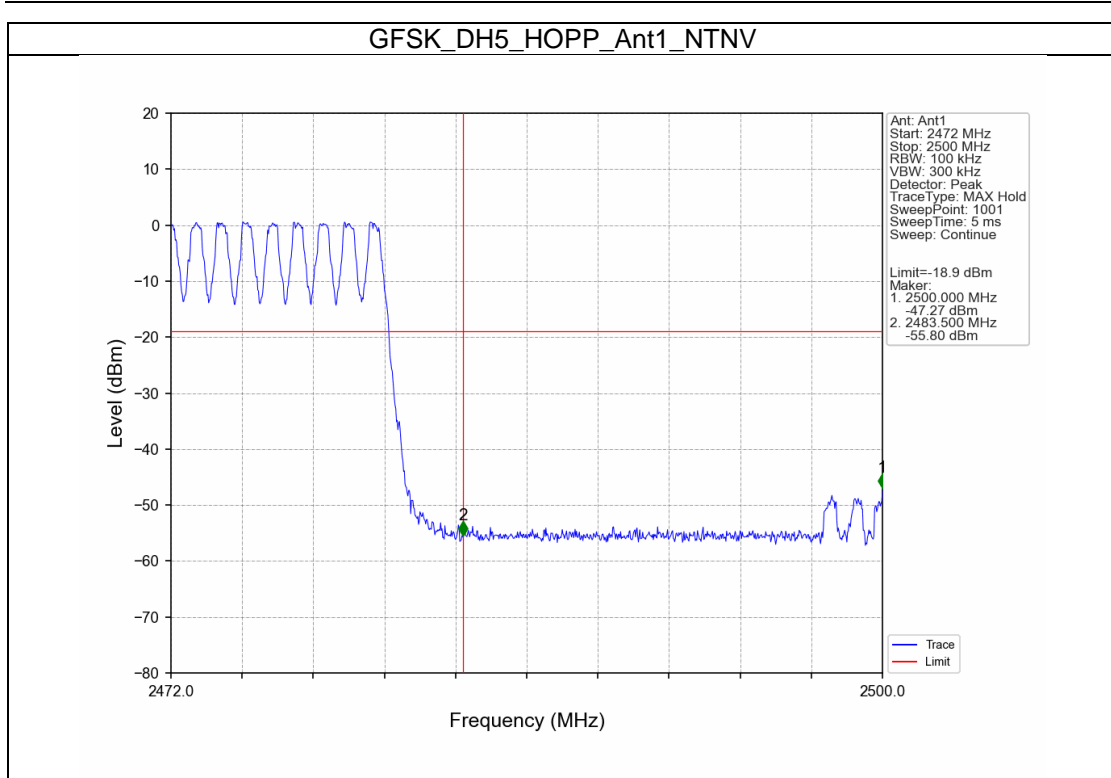


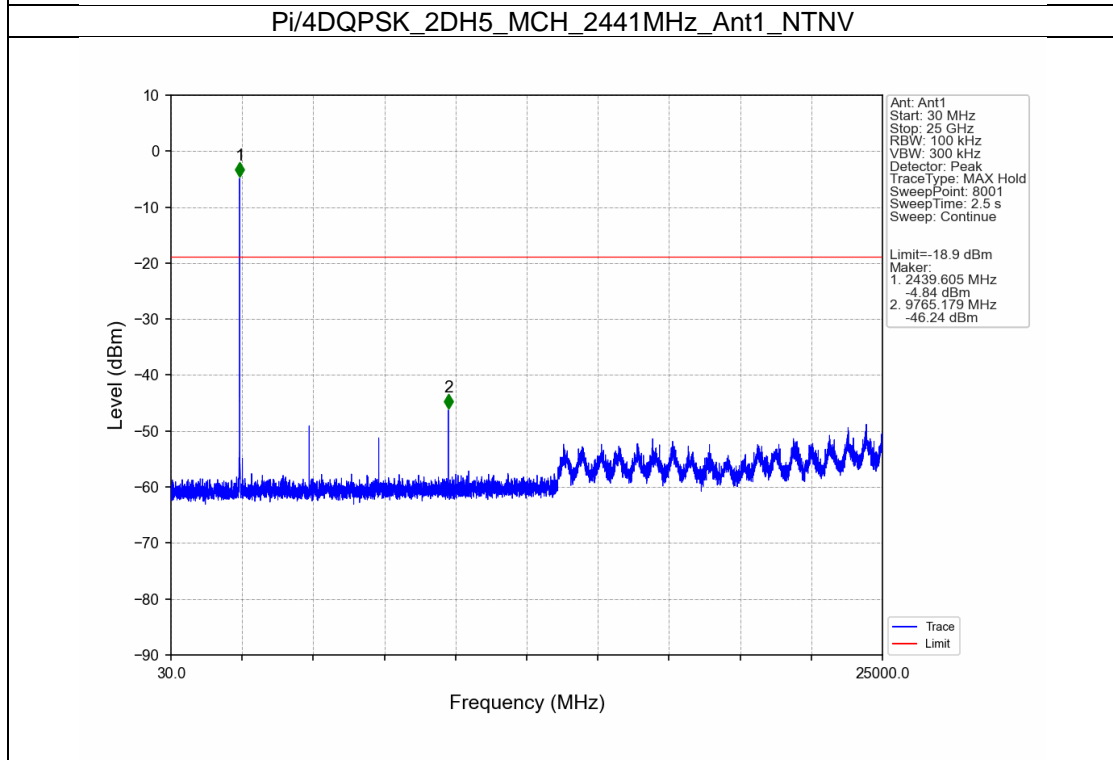
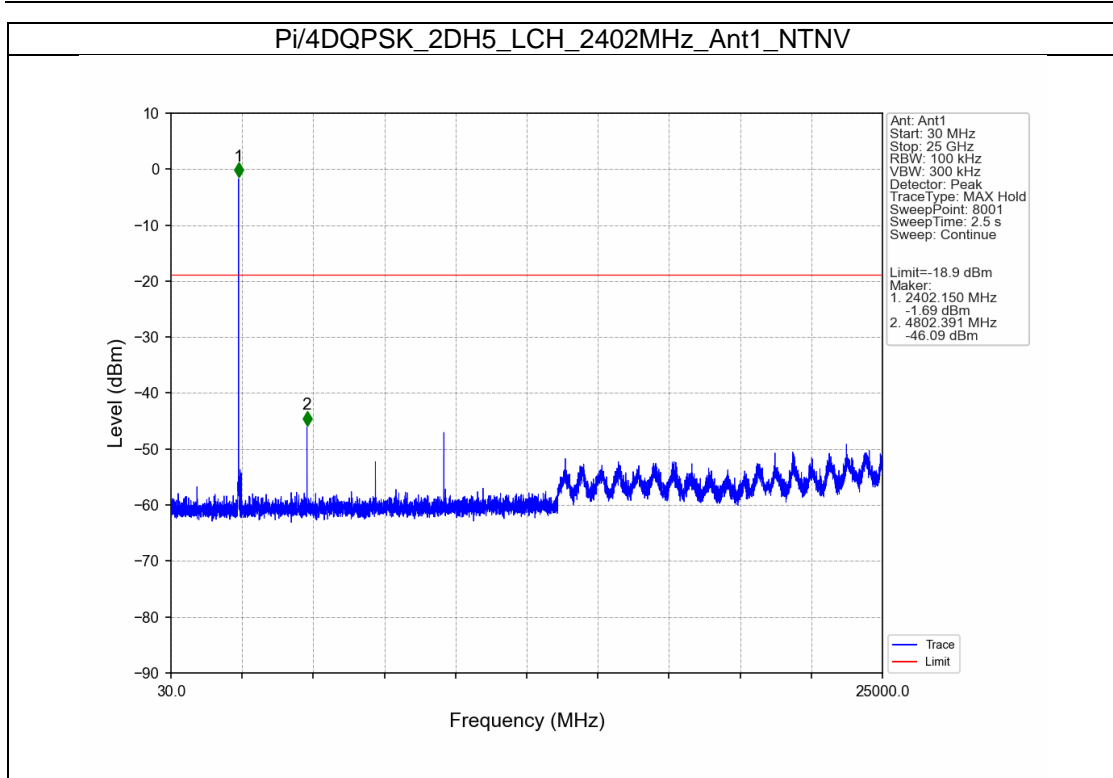
6.2.2 CSE

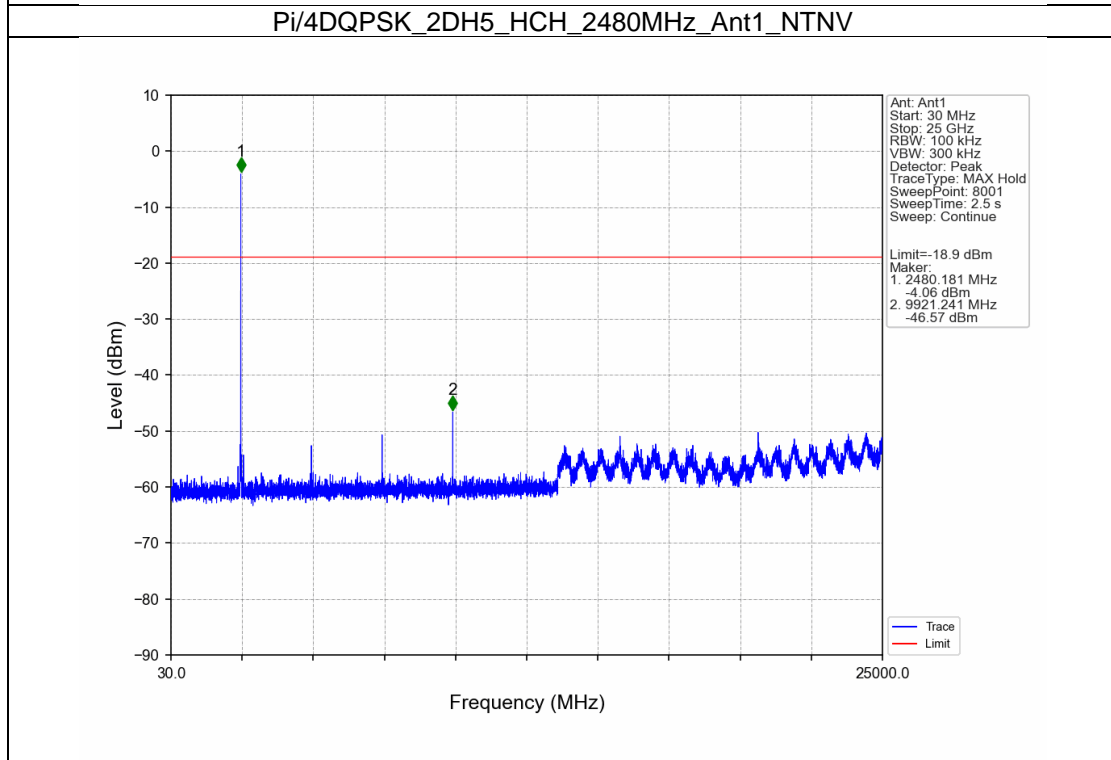
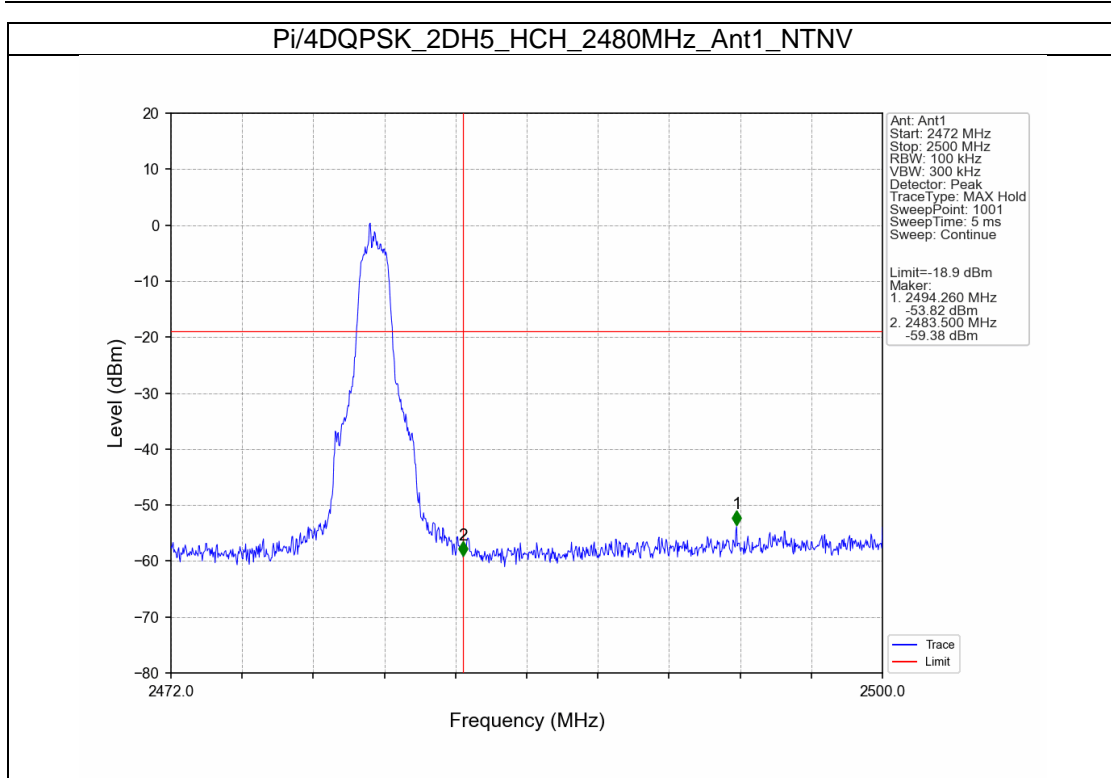


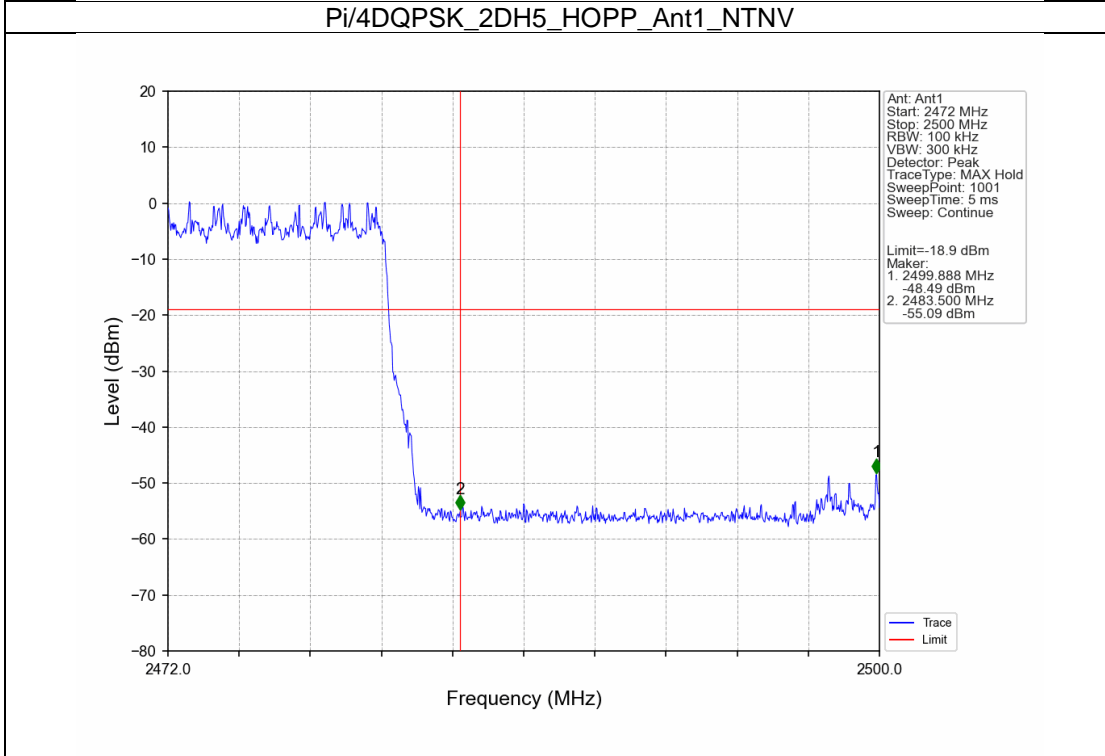
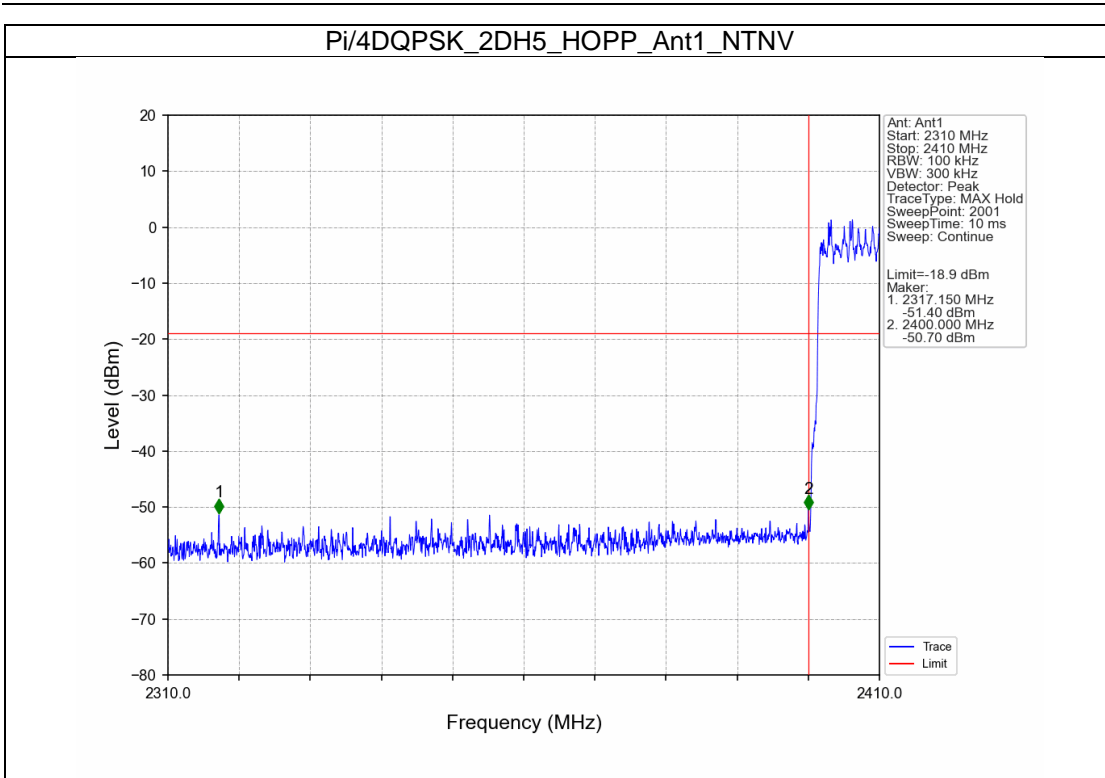


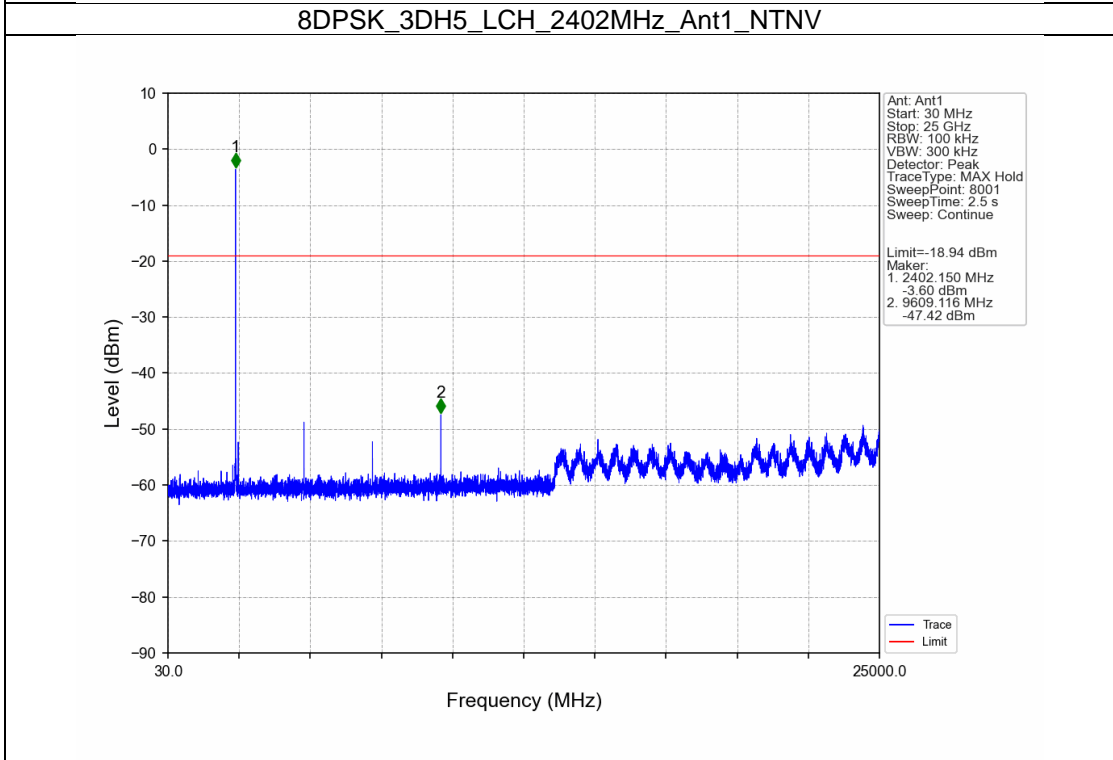
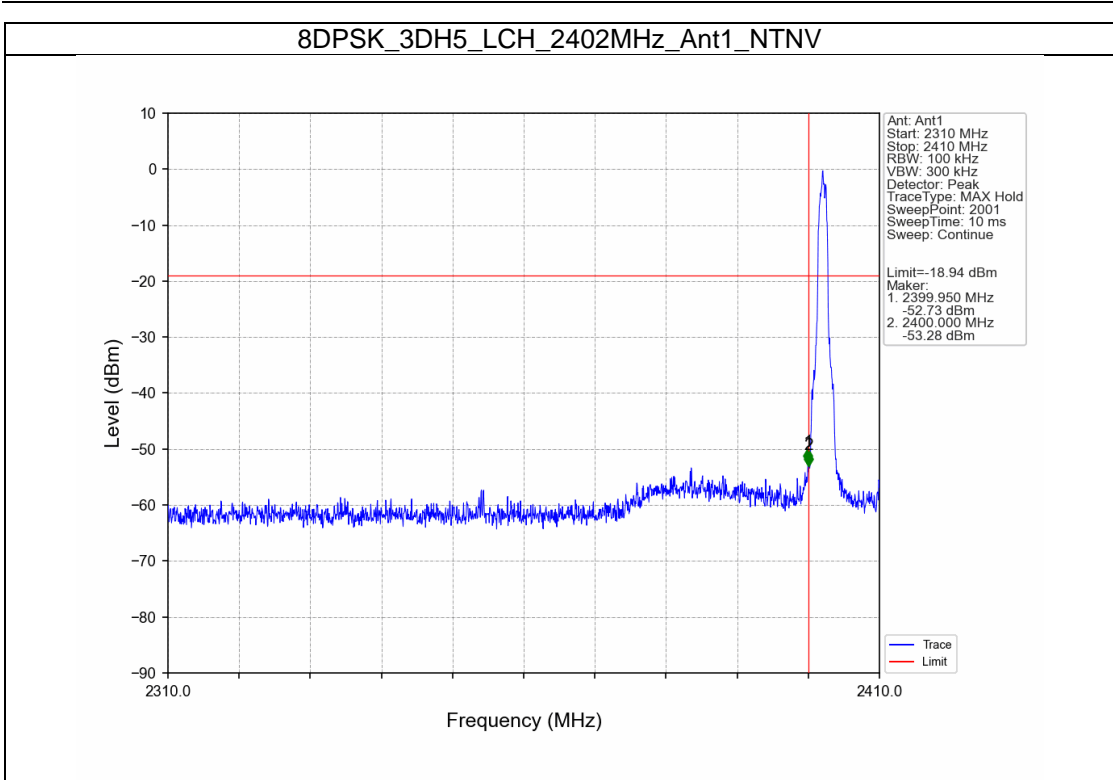


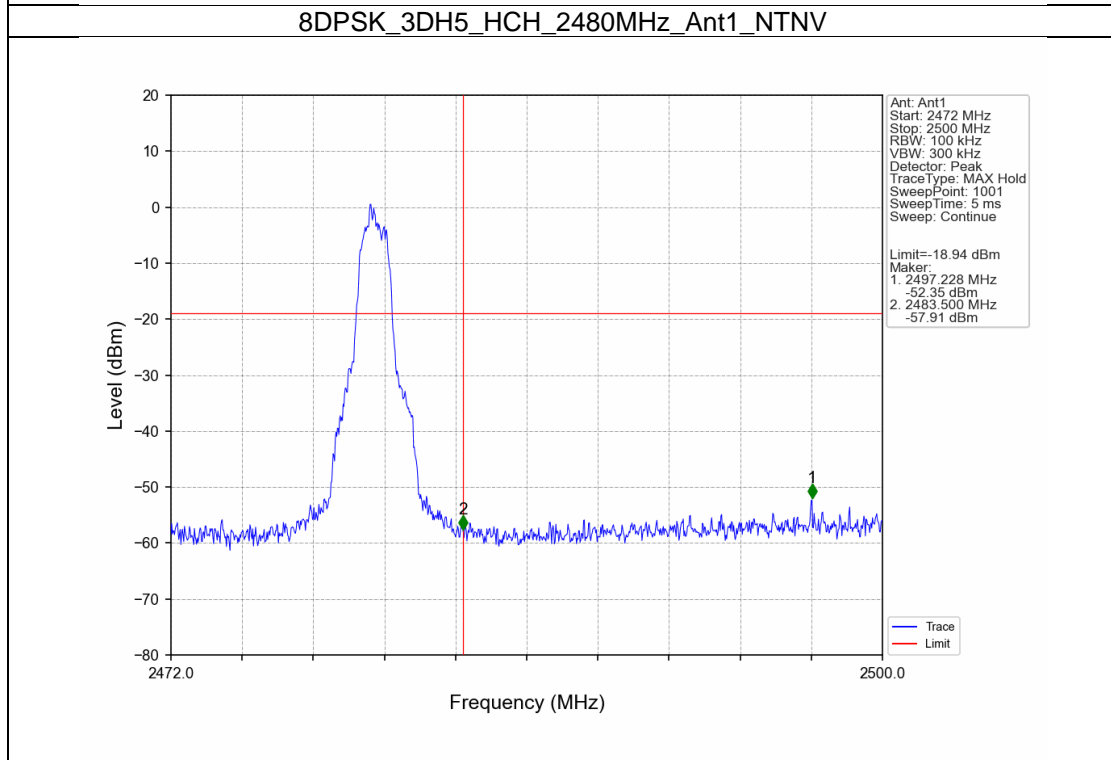
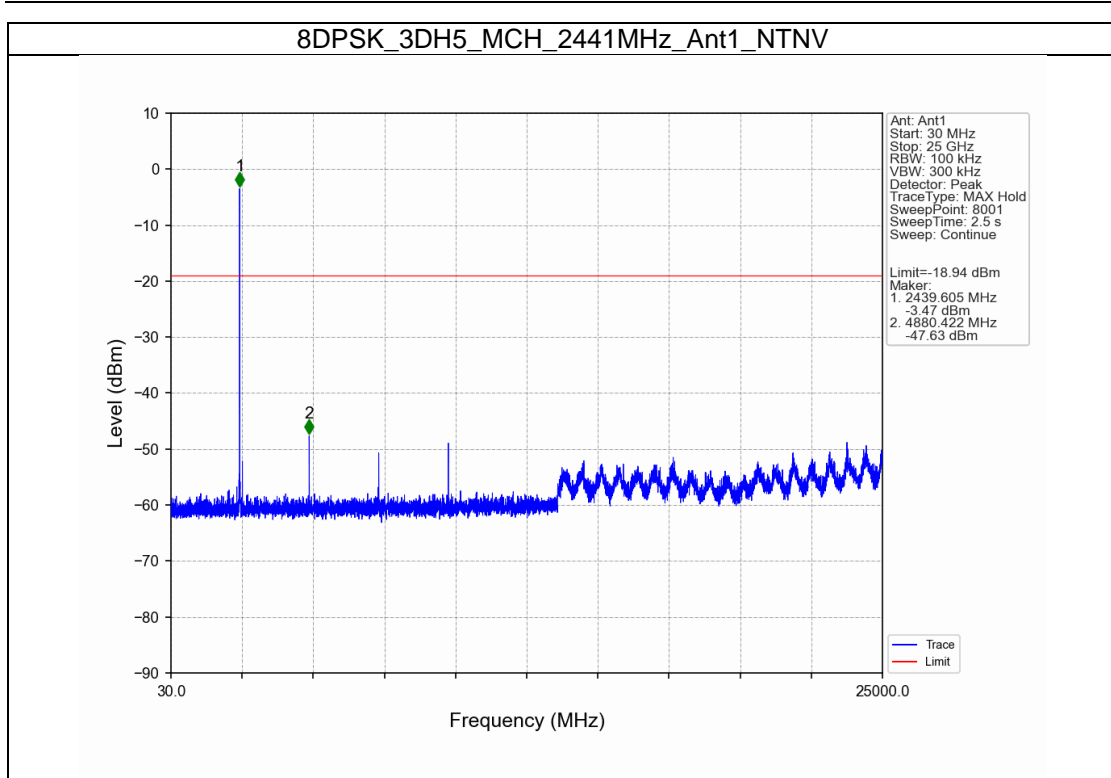


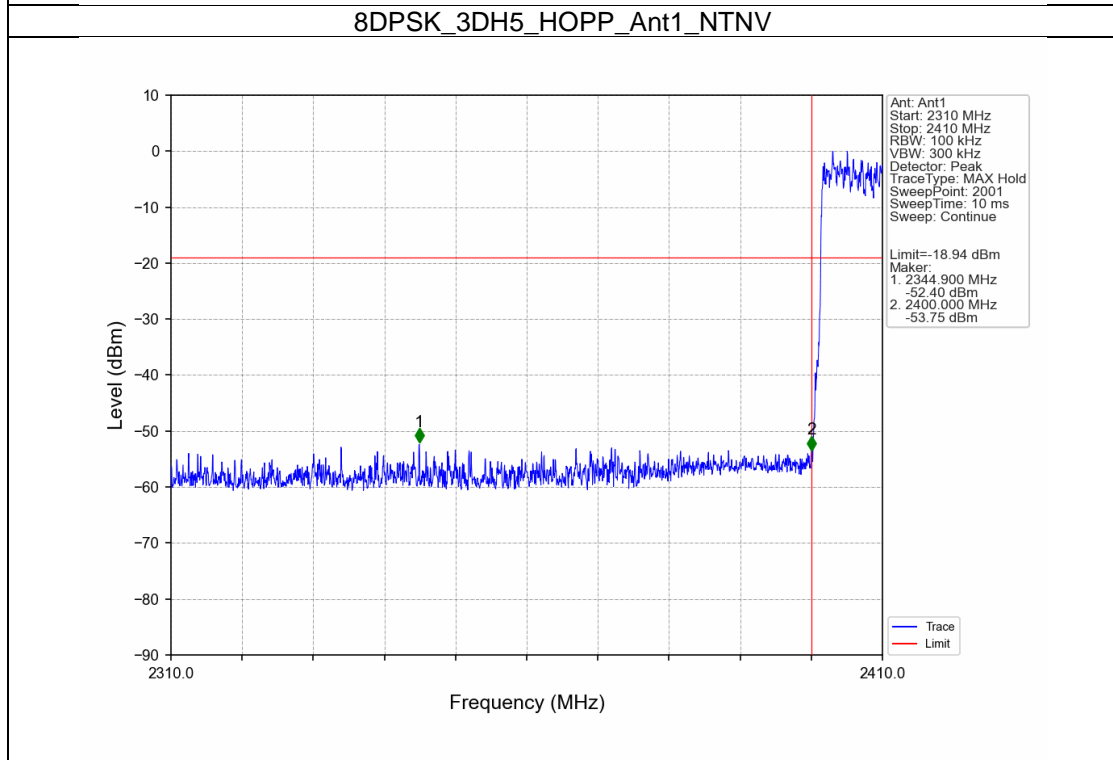
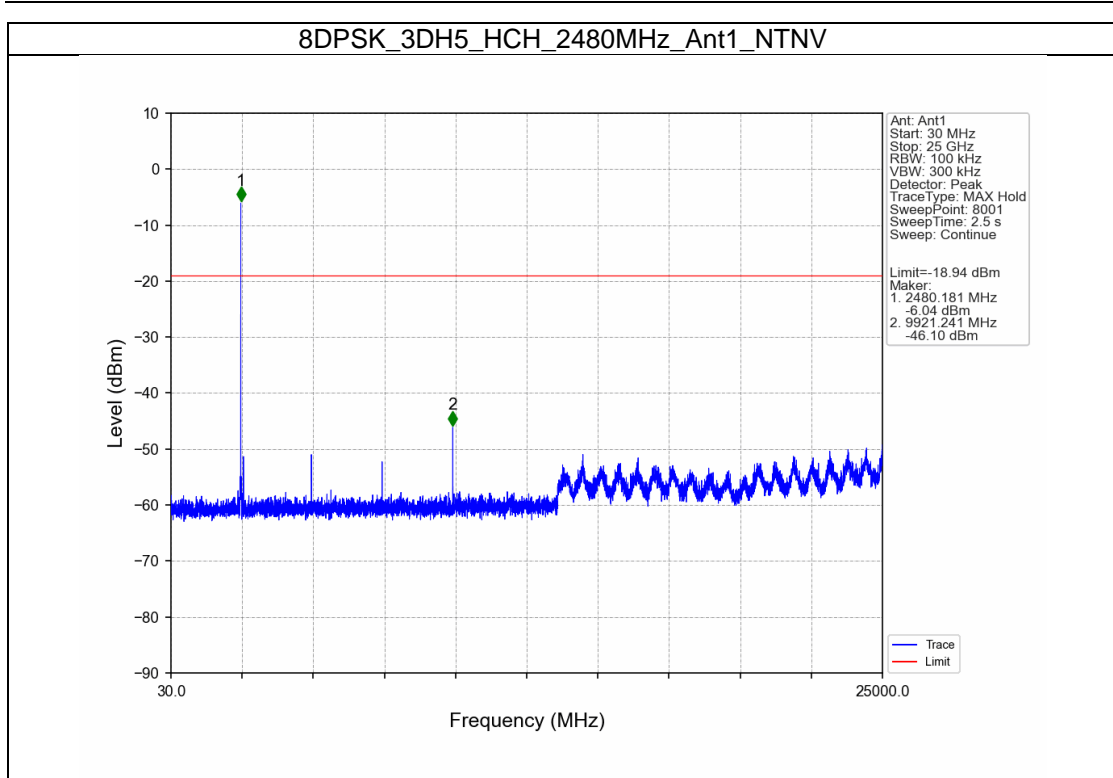


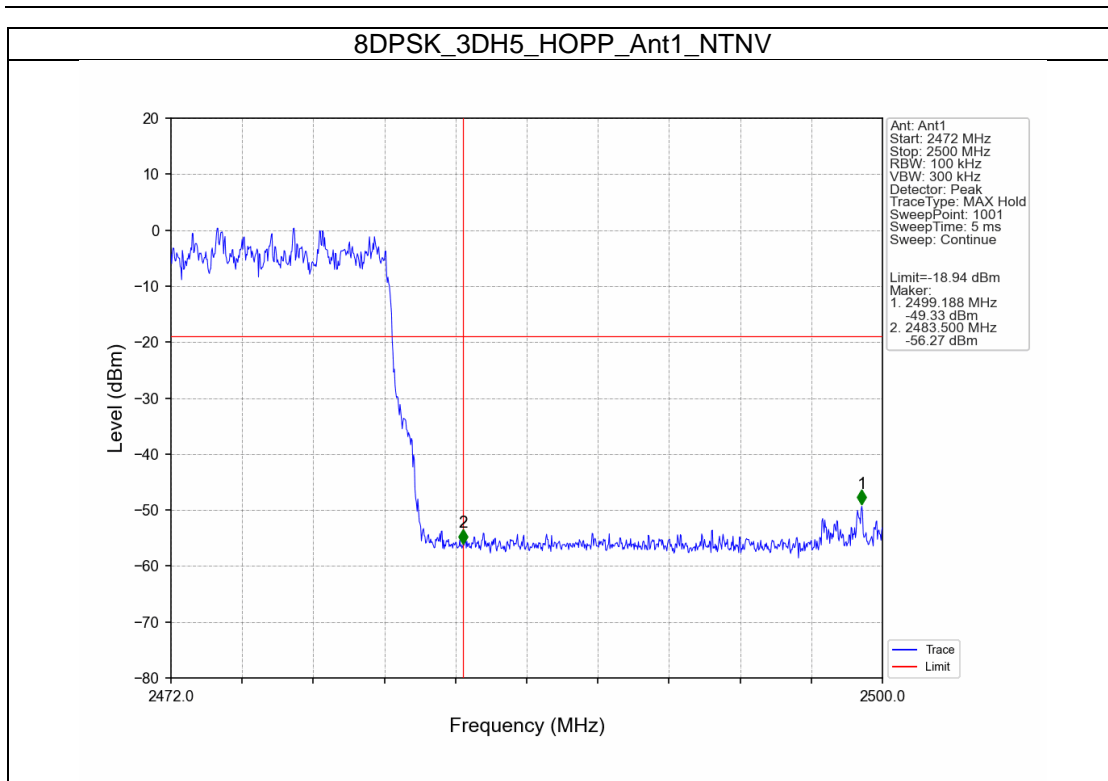












7. Form731

7.1 Test Result

7.1.1 Form731

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
2402	2480	0.0016	2.14