

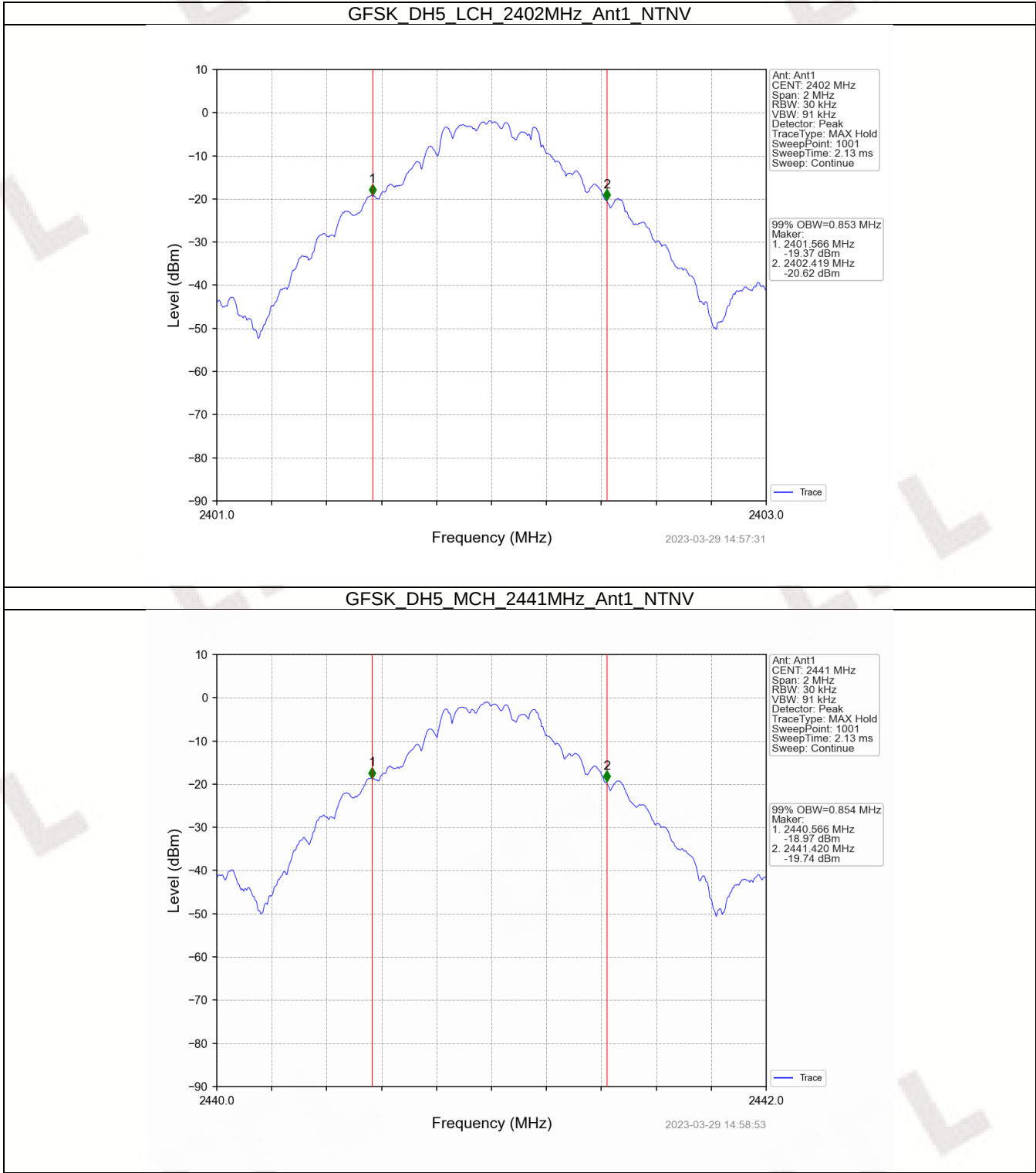
1. Bandwidth

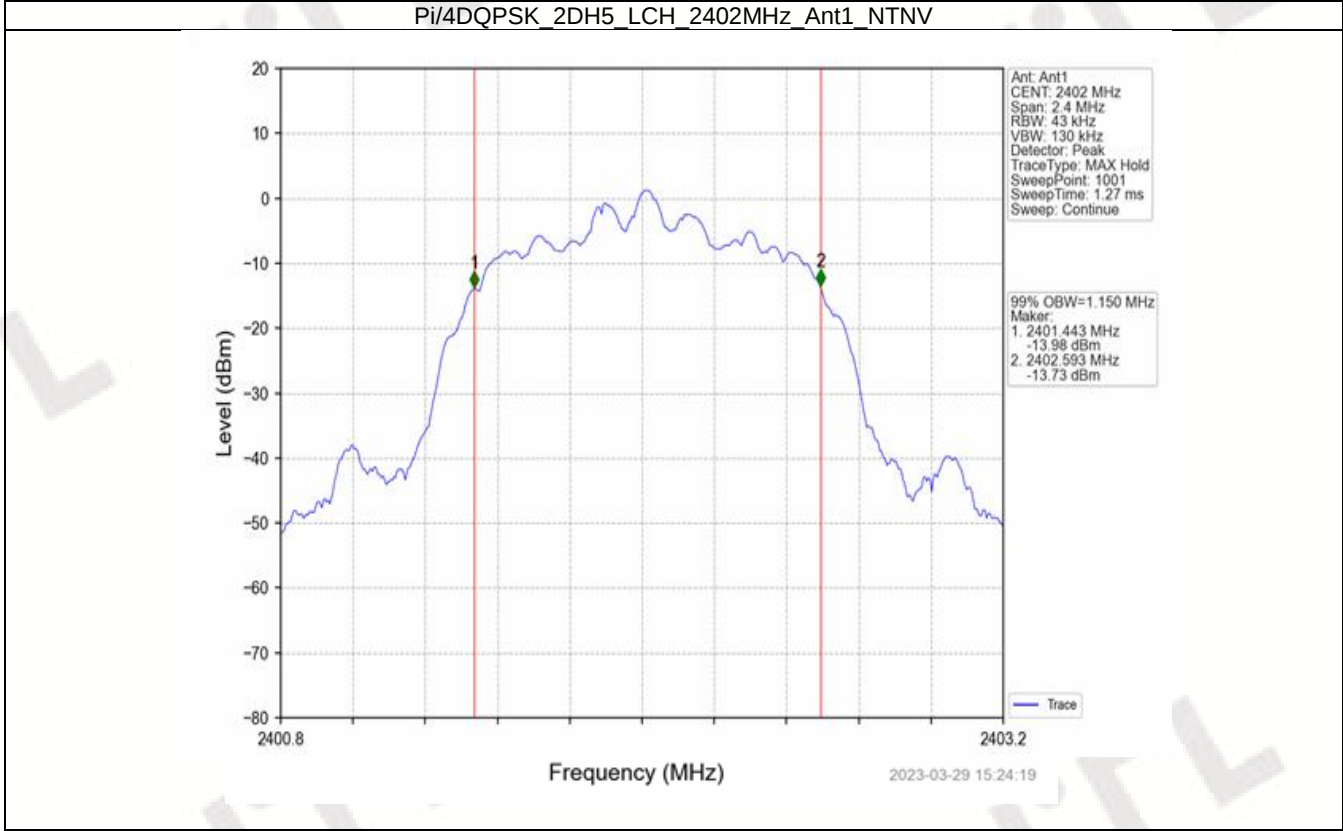
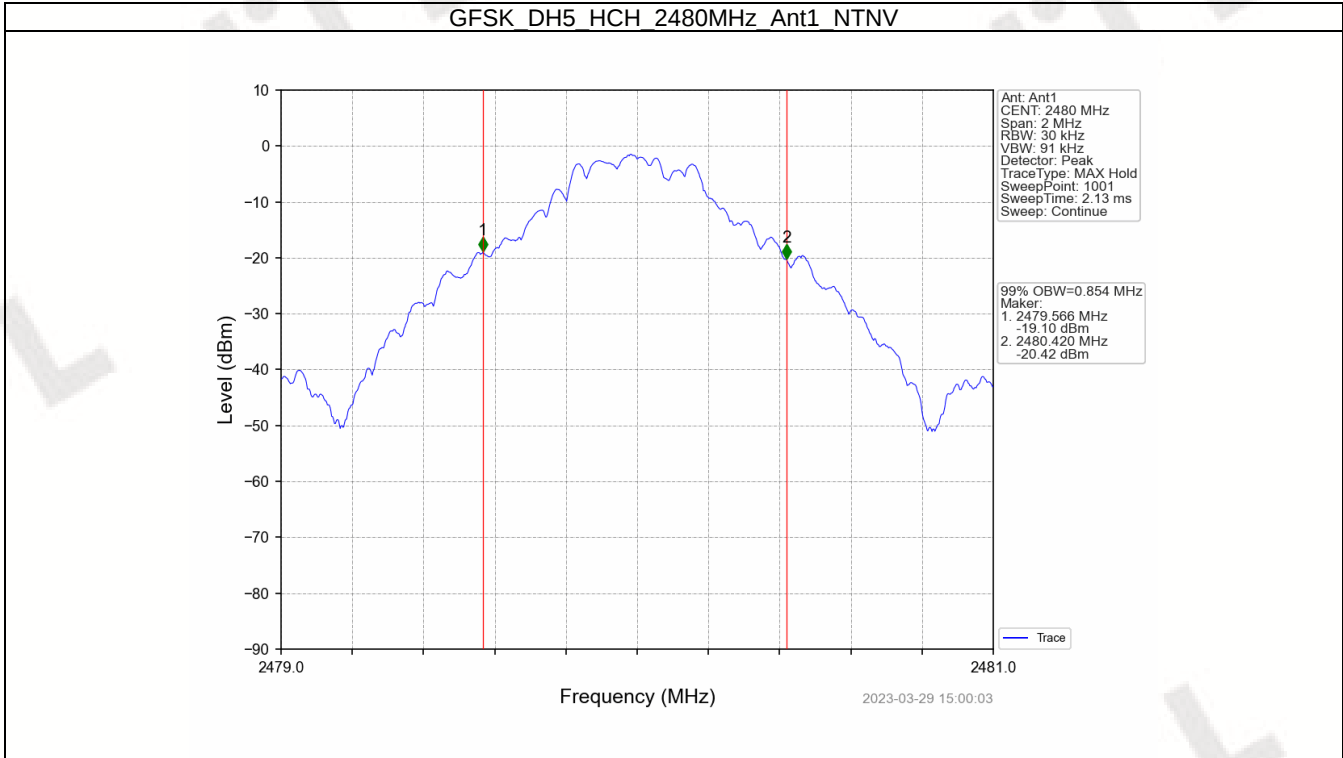
1.1 OBW

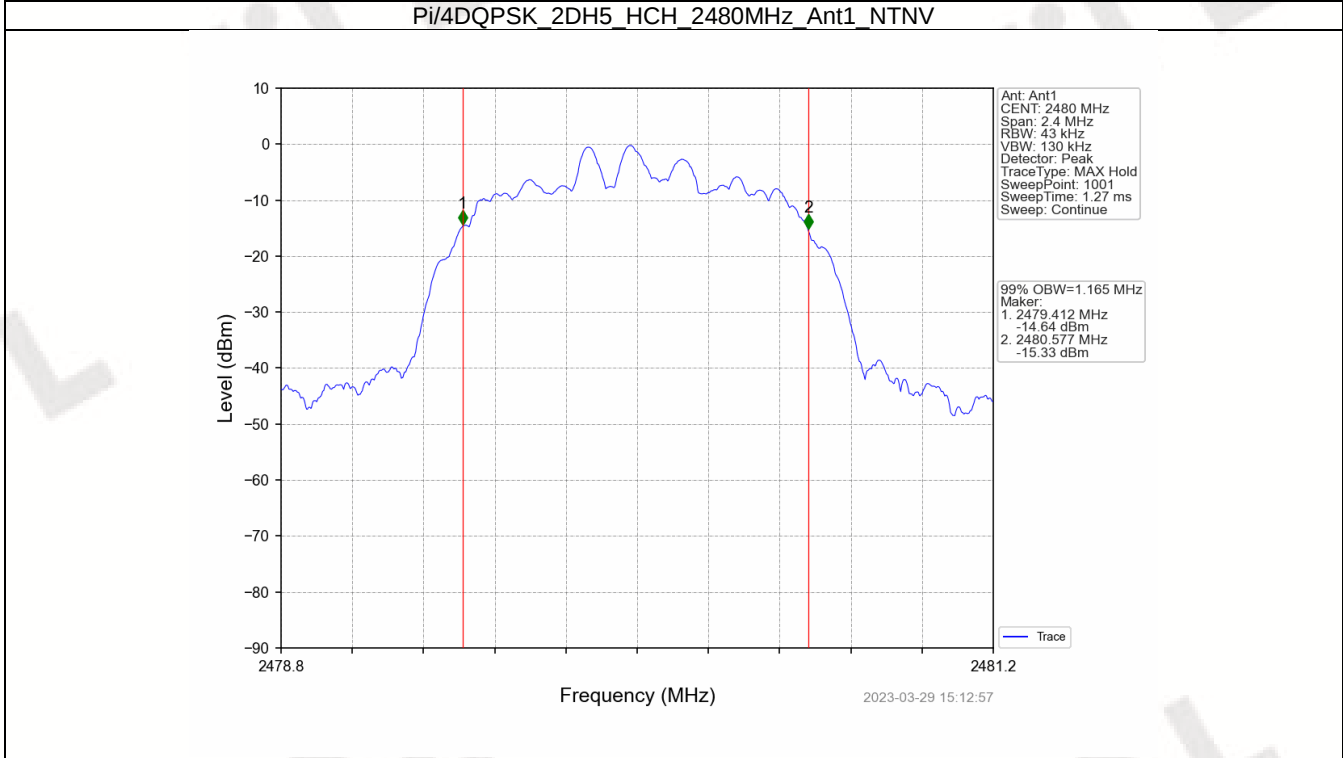
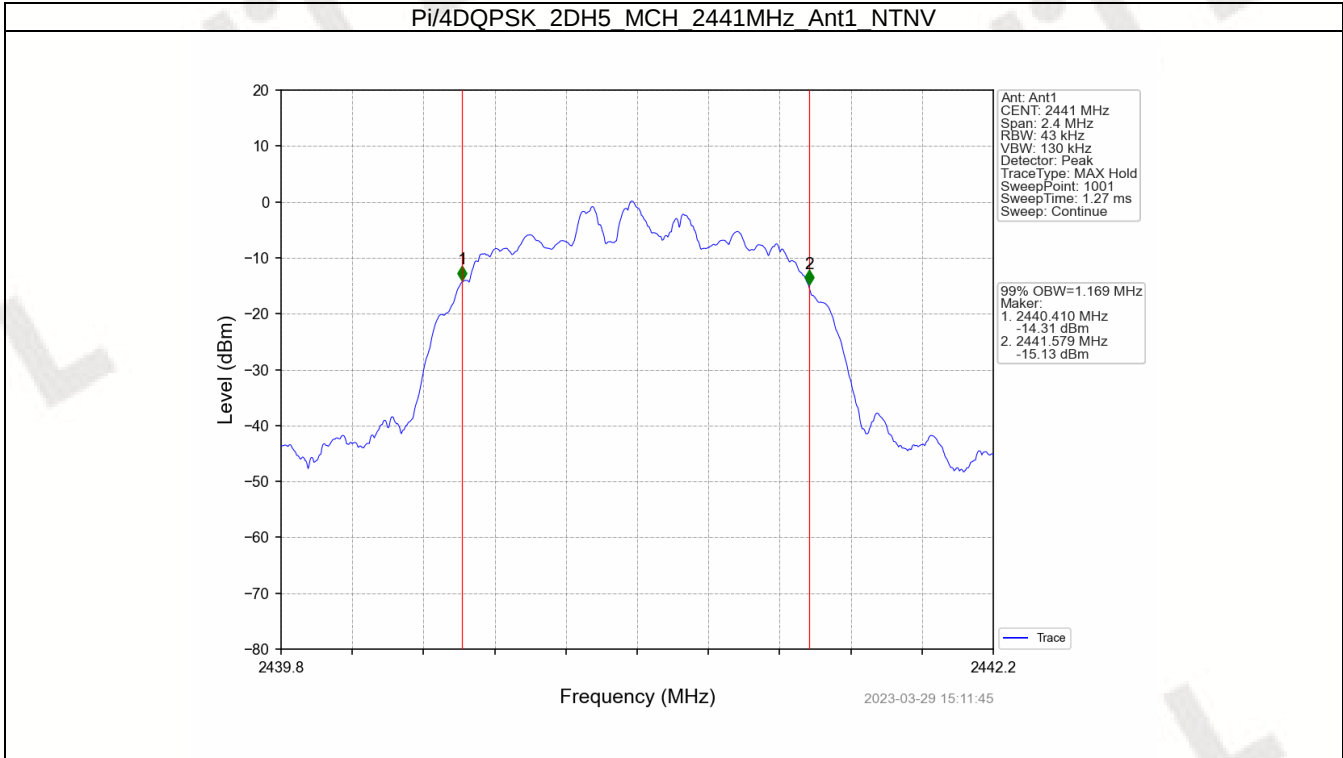
1.1.1 Test Result

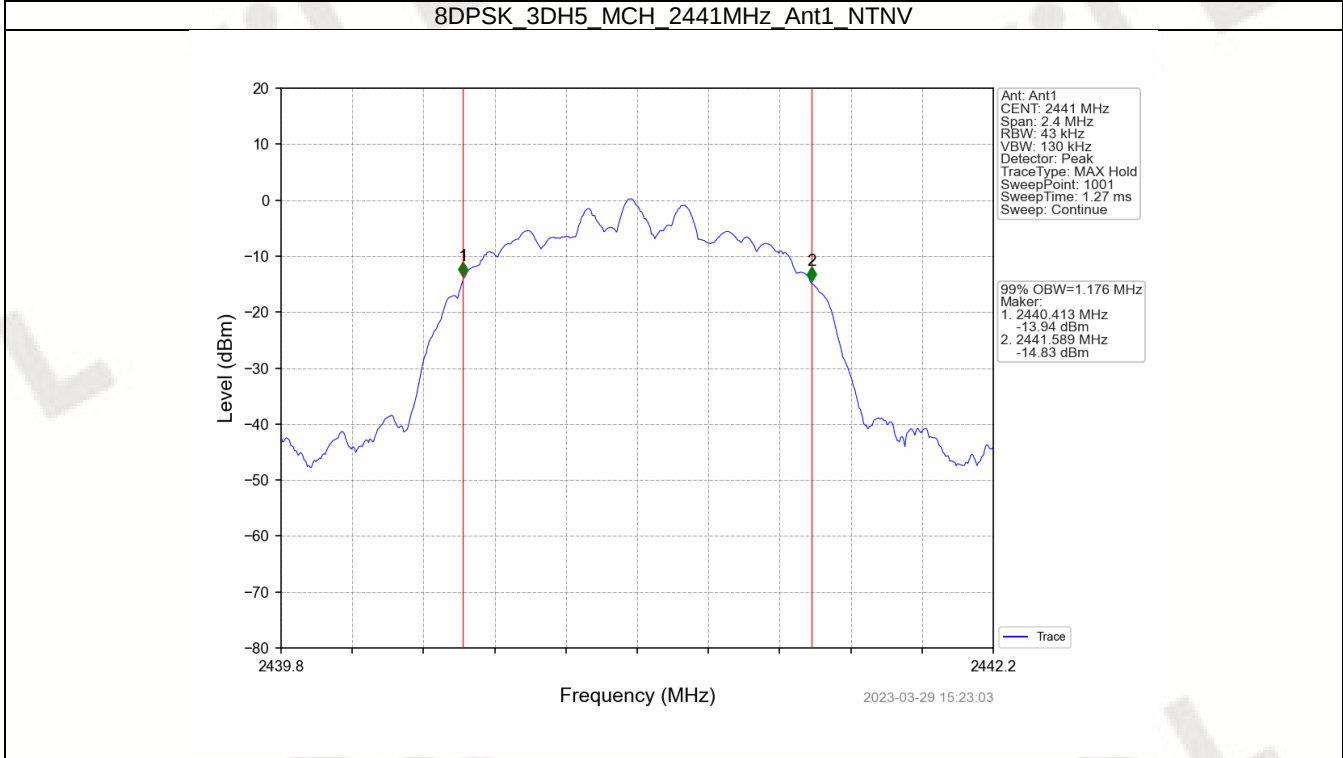
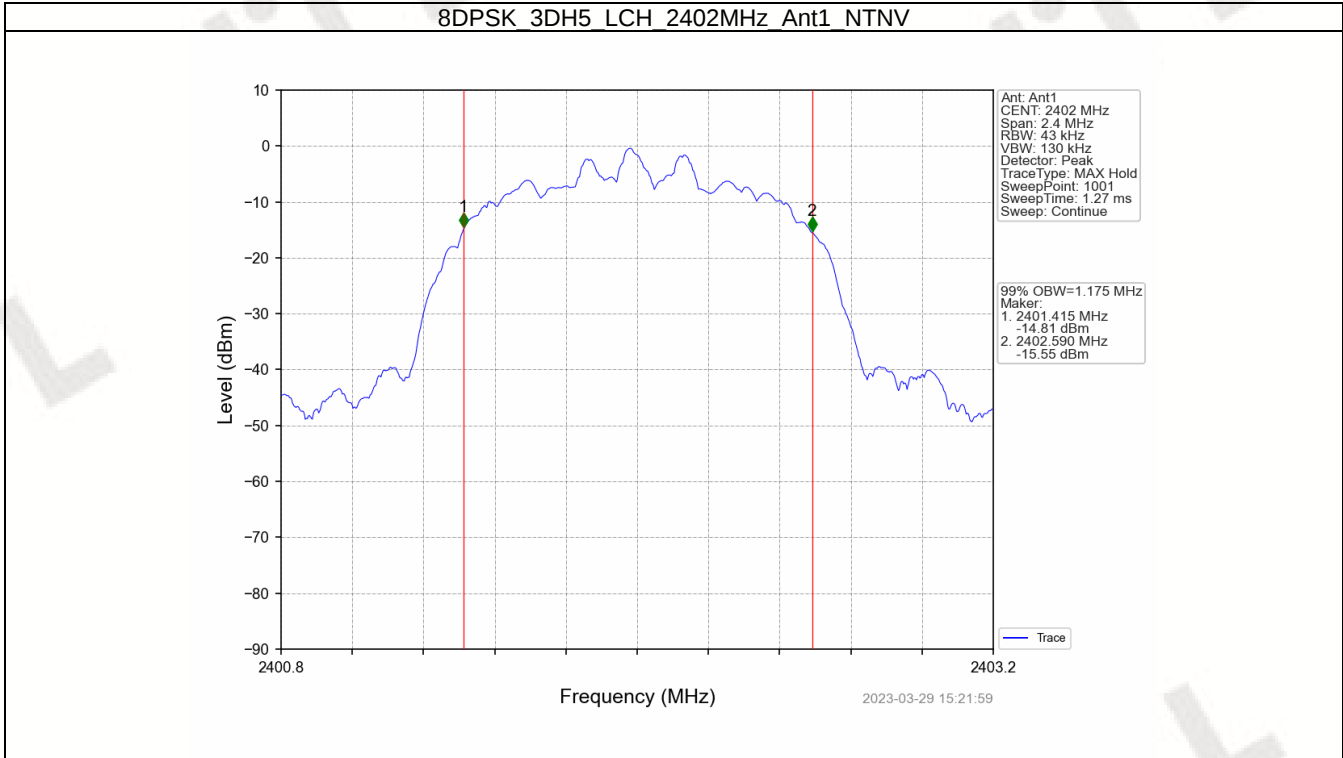
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	99% Occupied Bandwidth (MHz)	Verdict
					Result	
GFSK	SISO	2402	DH5	1	0.853	Pass
		2441	DH5	1	0.854	Pass
		2480	DH5	1	0.854	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.150	Pass
		2441	2DH5	1	1.169	Pass
		2480	2DH5	1	1.165	Pass
8DPSK	SISO	2402	3DH5	1	1.175	Pass
		2441	3DH5	1	1.176	Pass
		2480	3DH5	1	1.176	Pass

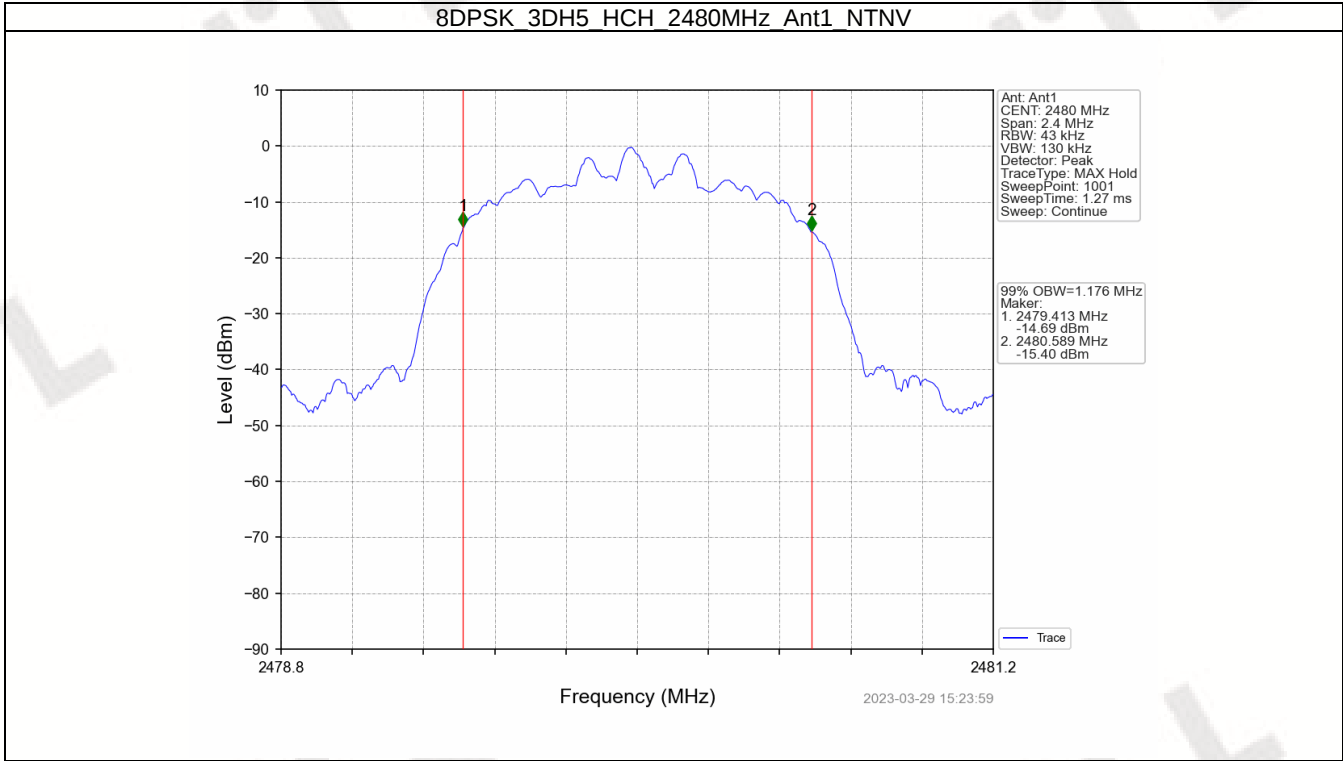
1.1.2 Test Graph









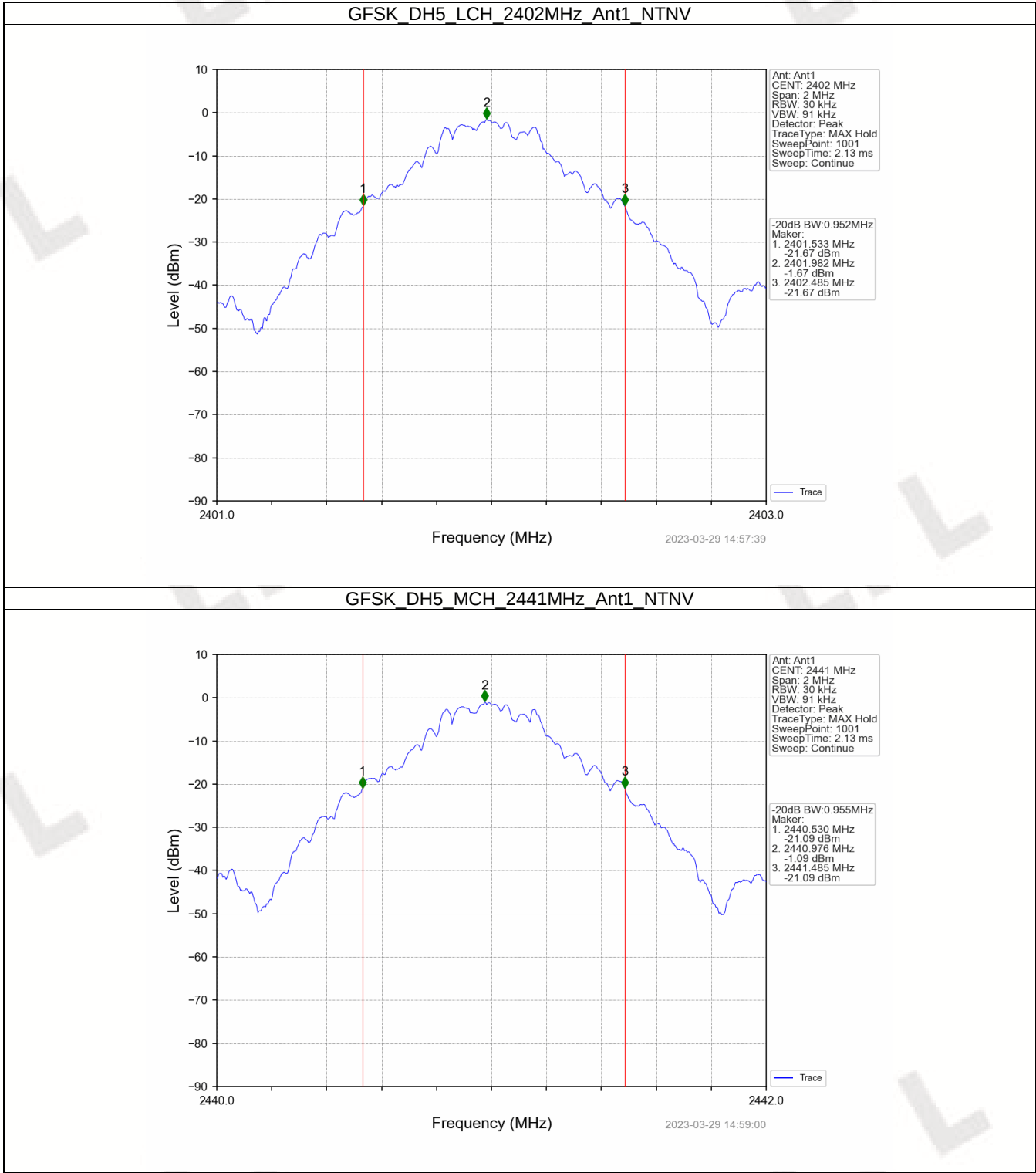


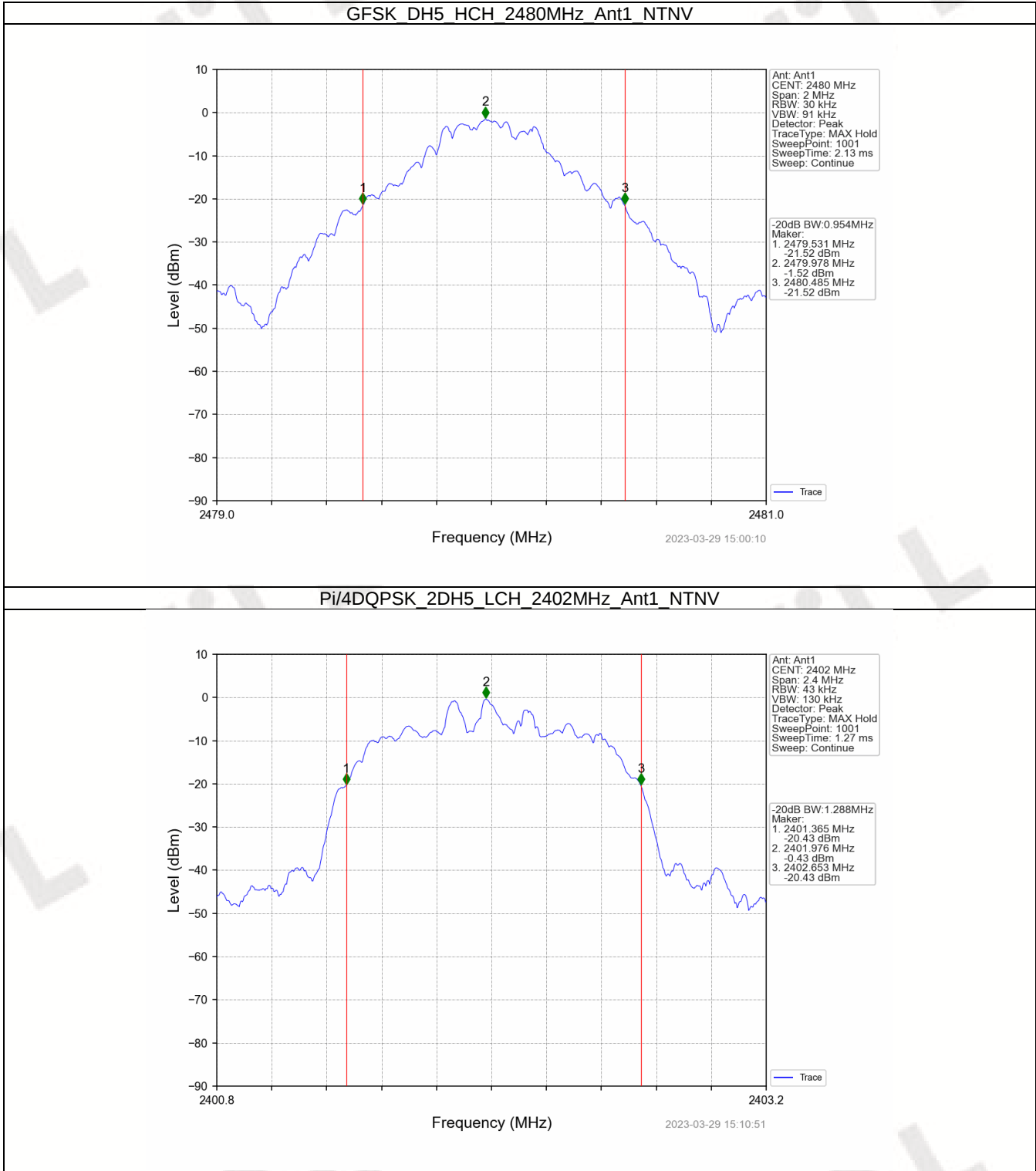
1.2 20dB BW

1.2.1 Test Result

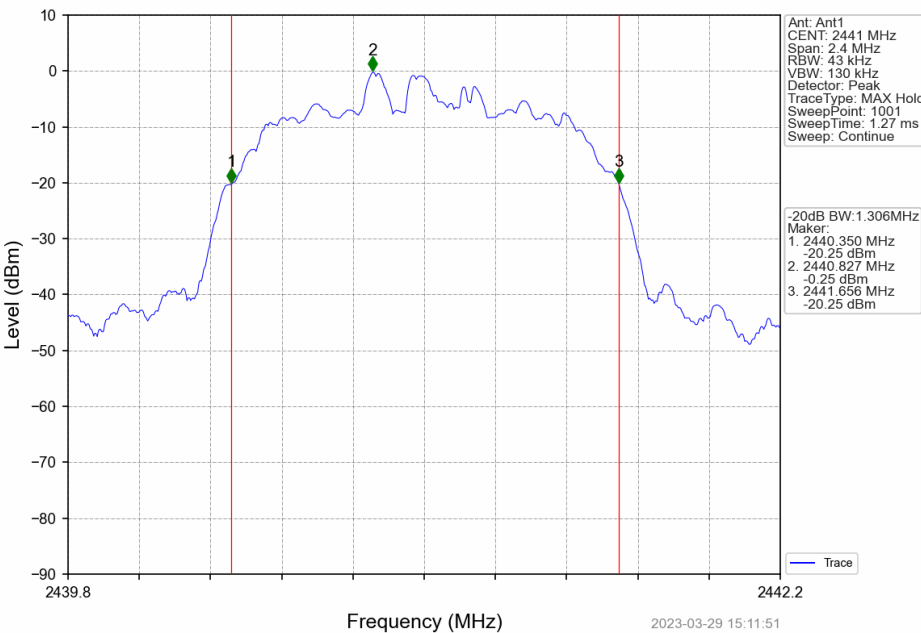
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	20dB Bandwidth (MHz)	Verdict
					Result	
GFSK	SISO	2402	DH5	1	0.952	Pass
		2441	DH5	1	0.955	Pass
		2480	DH5	1	0.954	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.288	Pass
		2441	2DH5	1	1.306	Pass
		2480	2DH5	1	1.293	Pass
8DPSK	SISO	2402	3DH5	1	1.306	Pass
		2441	3DH5	1	1.306	Pass
		2480	3DH5	1	1.307	Pass

1.2.2 Test Graph

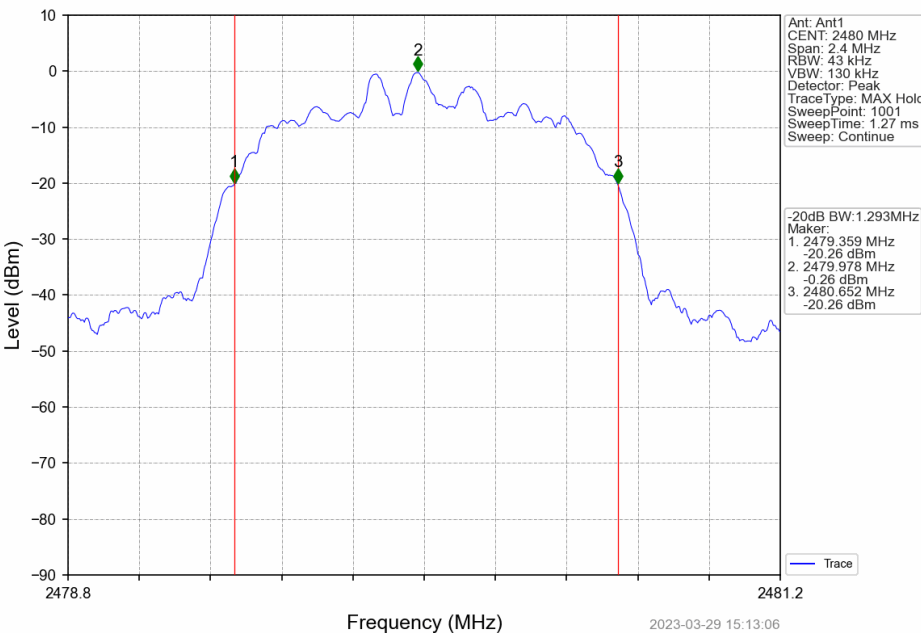




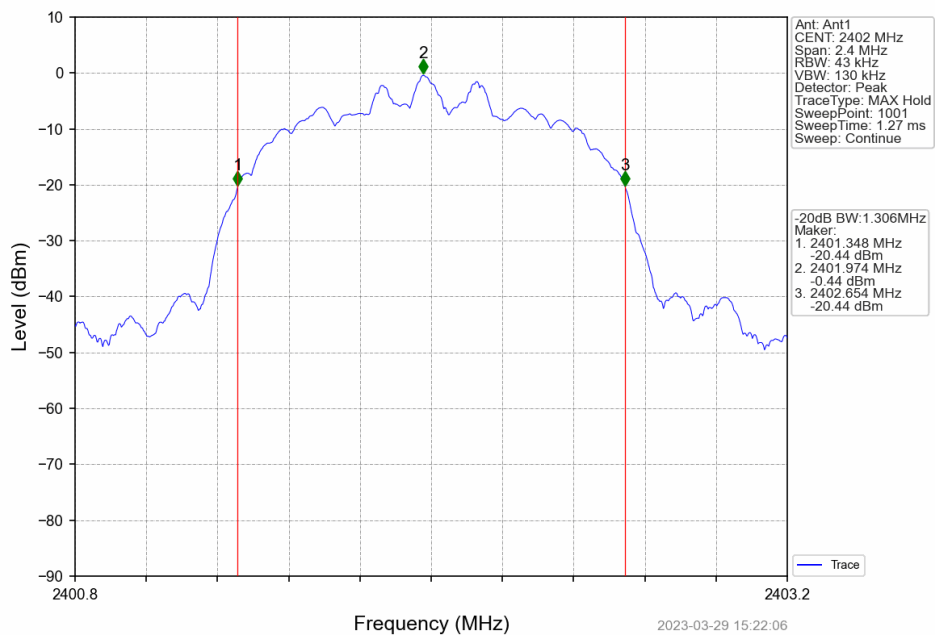
Pi/4DQPSK 2DH5 MCH 2441MHz Ant1 NTN



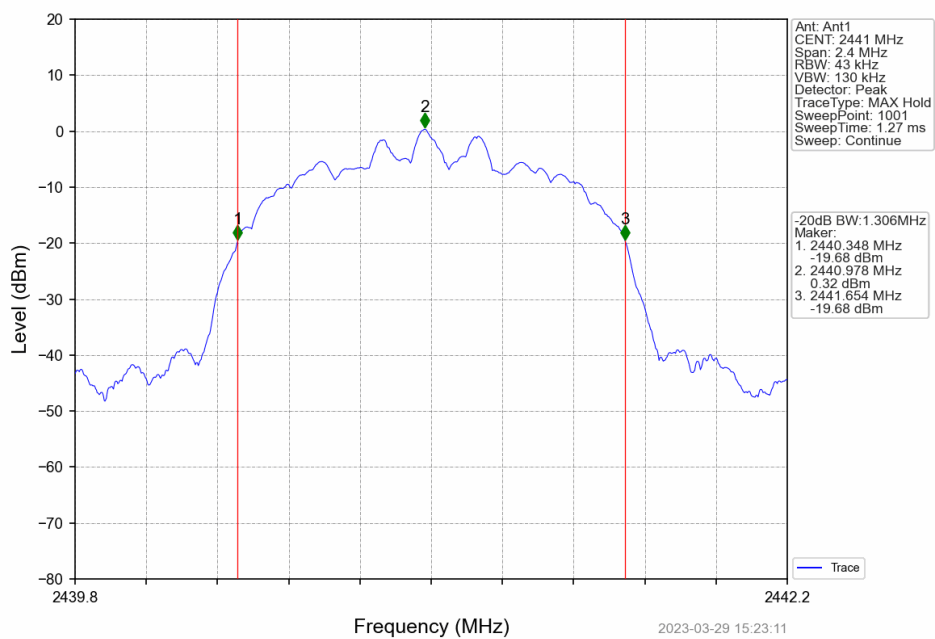
Pi/4DQPSK 2DH5 HCH 2480MHz Ant1 NTN

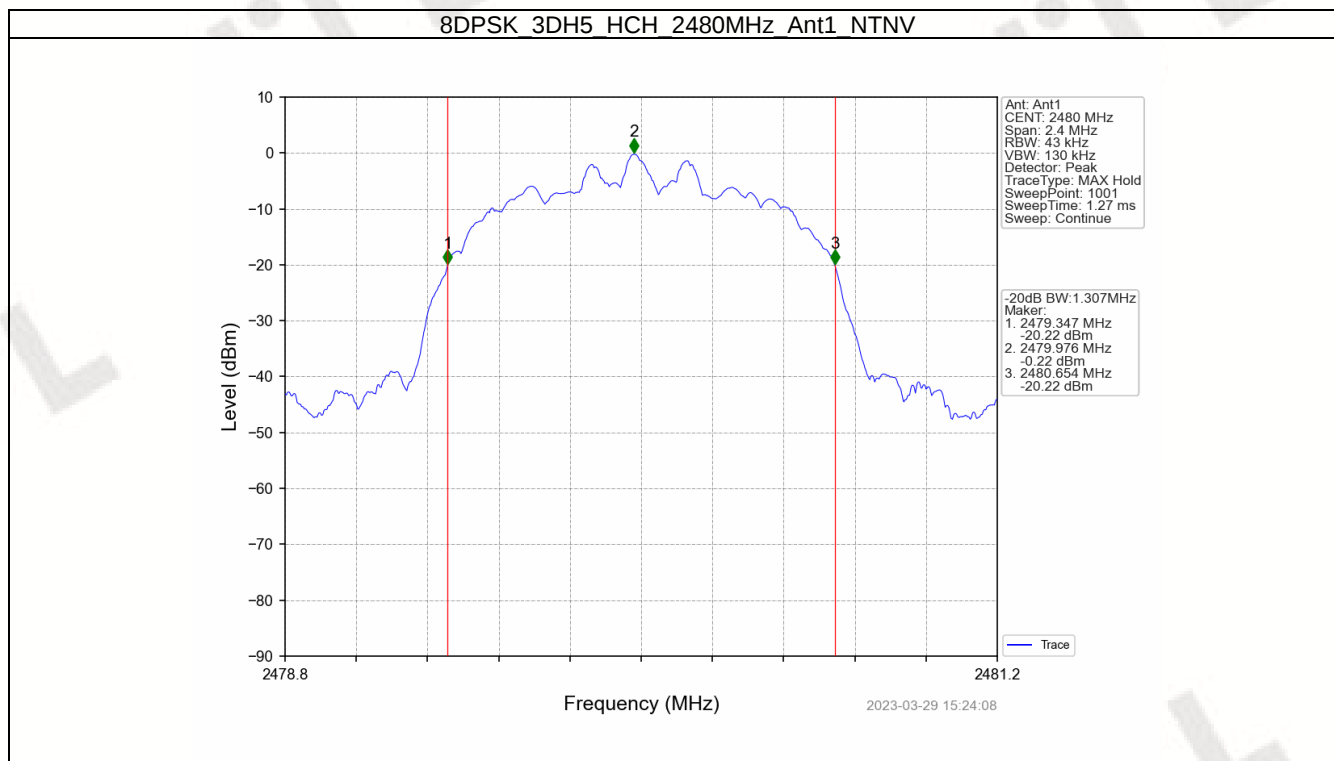


8DPSK 3DH5 LCH 2402MHz Ant1 NTV



8DPSK 3DH5 MCH 2441MHz Ant1 NTV





2. Maximum Conducted Output Power

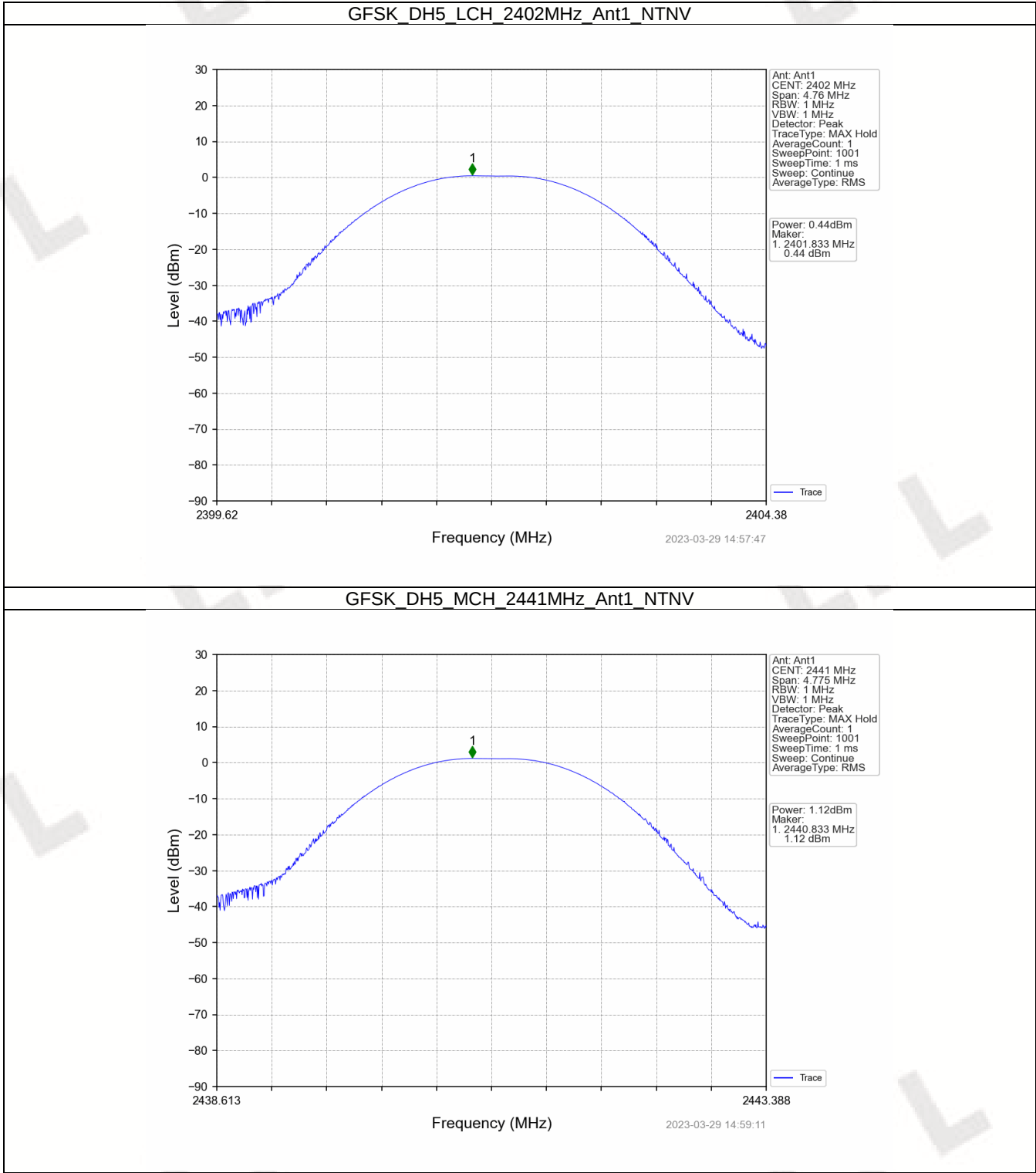
2.1 Power

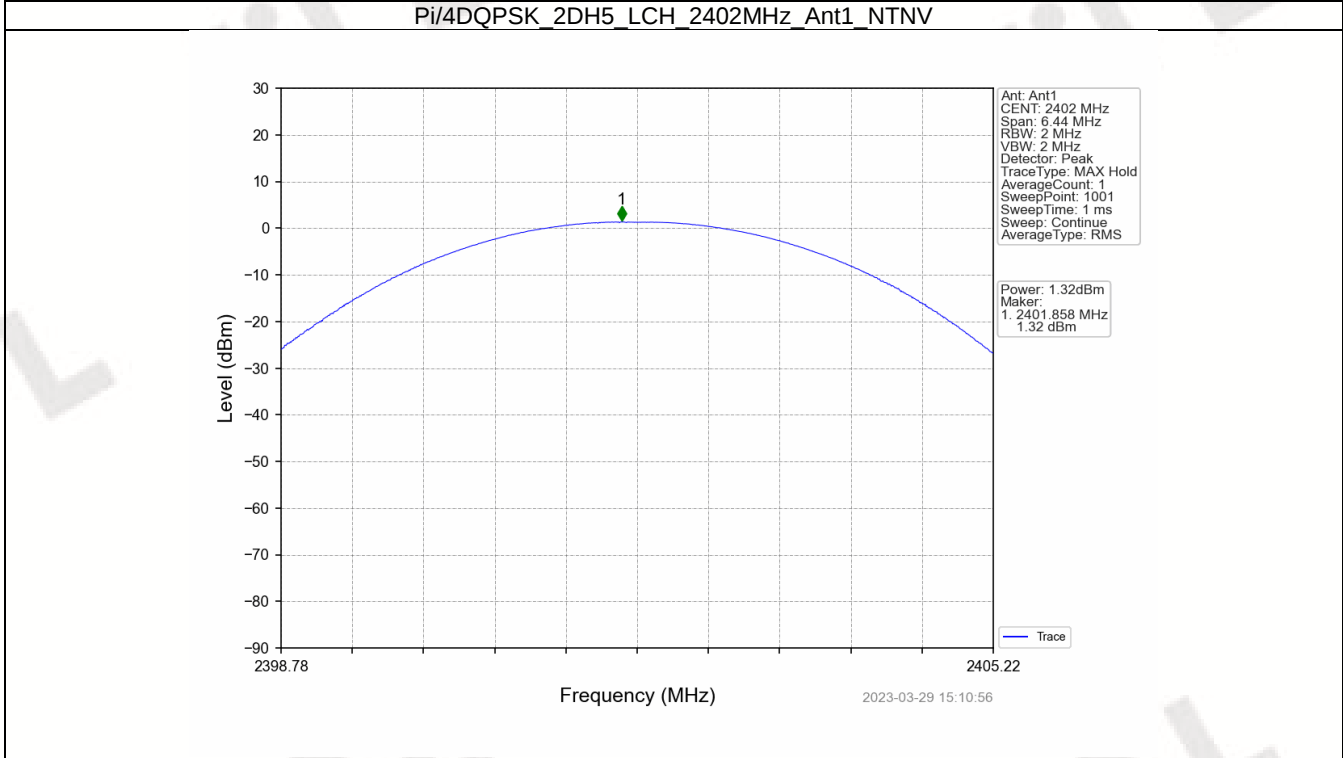
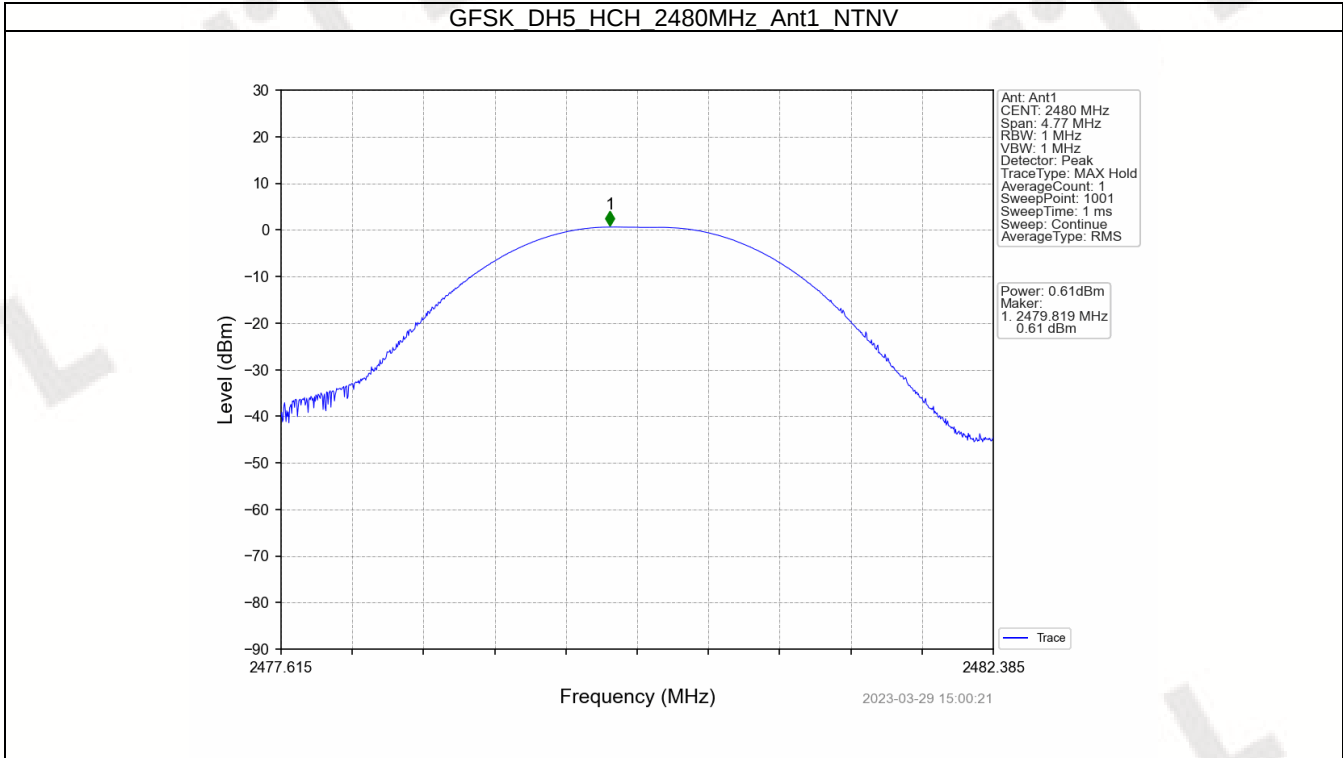
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	Maximum Peak Conducted Output Power (dBm)		Verdict
				ANT1	Limit	
GFSK	SISO	2402	DH5	0.44	<=30	Pass
		2441	DH5	1.12	<=30	Pass
		2480	DH5	0.61	<=30	Pass
Pi/4DQPSK	SISO	2402	2DH5	1.32	<=20.97	Pass
		2441	2DH5	2.02	<=20.97	Pass
		2480	2DH5	1.50	<=20.97	Pass
8DPSK	SISO	2402	3DH5	1.72	<=20.97	Pass
		2441	3DH5	2.41	<=20.97	Pass
		2480	3DH5	1.88	<=20.97	Pass

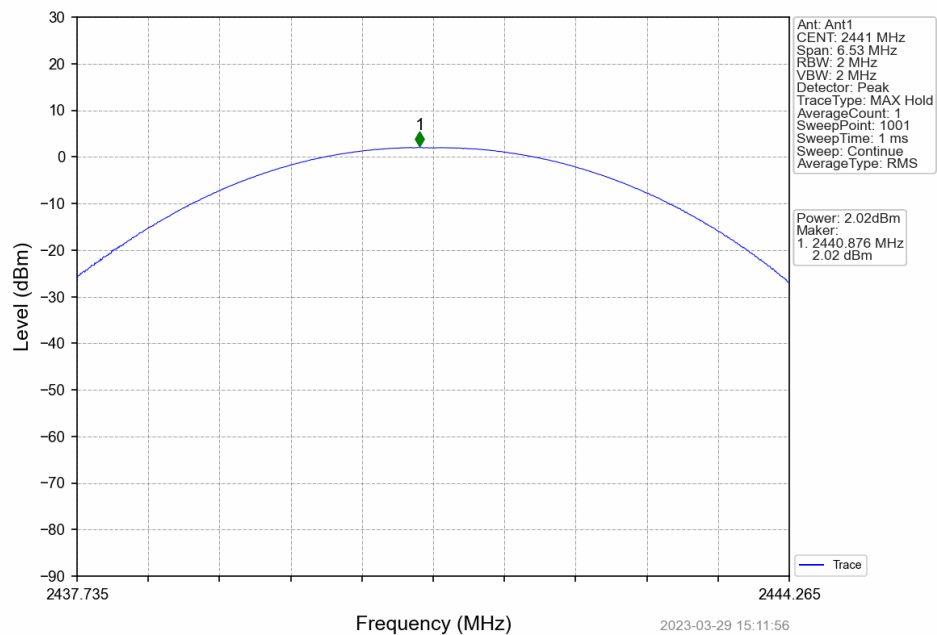
Note1: Antenna Gain: Ant1: -0.21dBi;

2.1.2 Test Graph

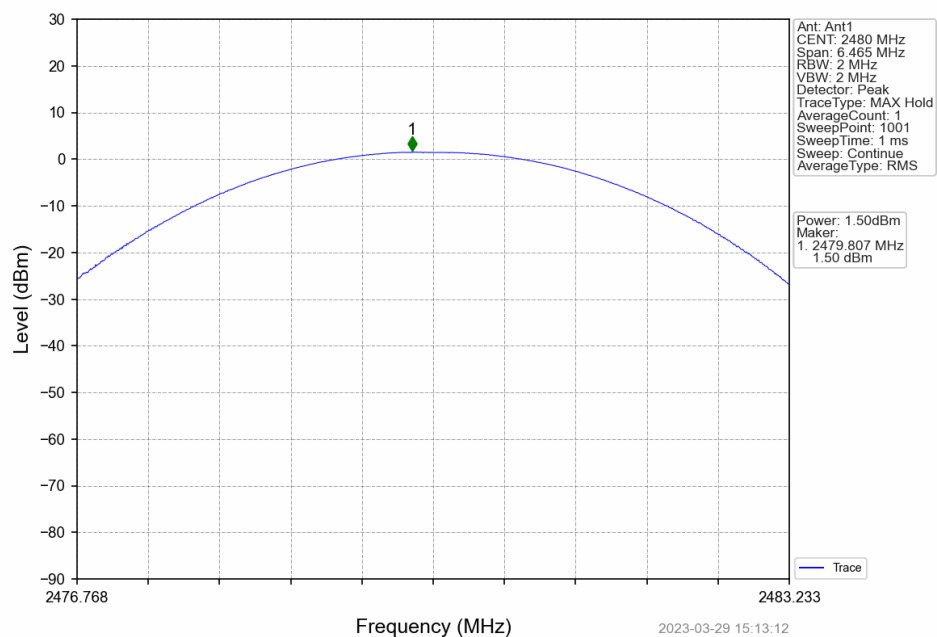




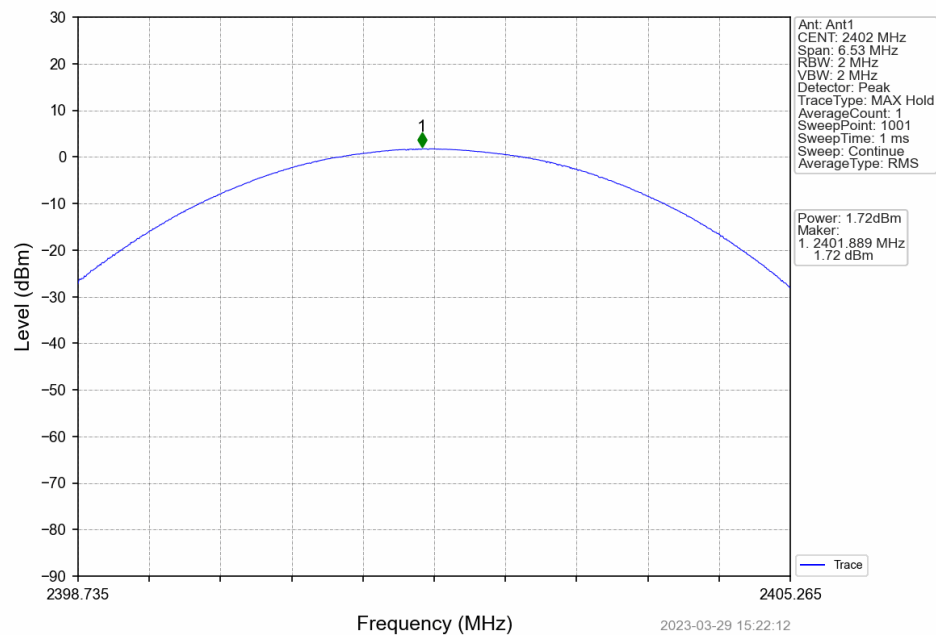
Pi/4DQPSK 2DH5 MCH 2441MHz Ant1 NTN



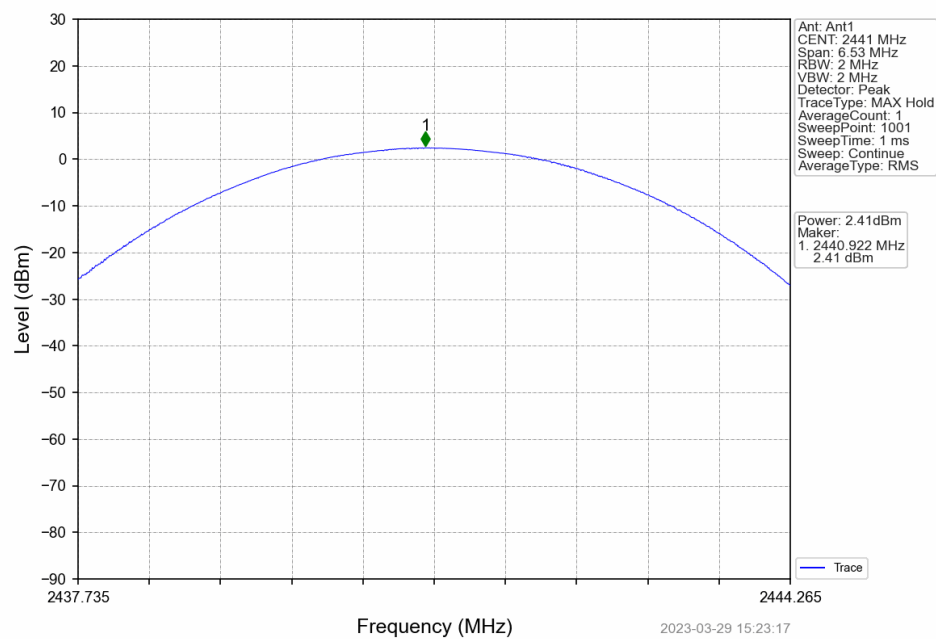
Pi/4DQPSK 2DH5 HCH 2480MHz Ant1 NTN

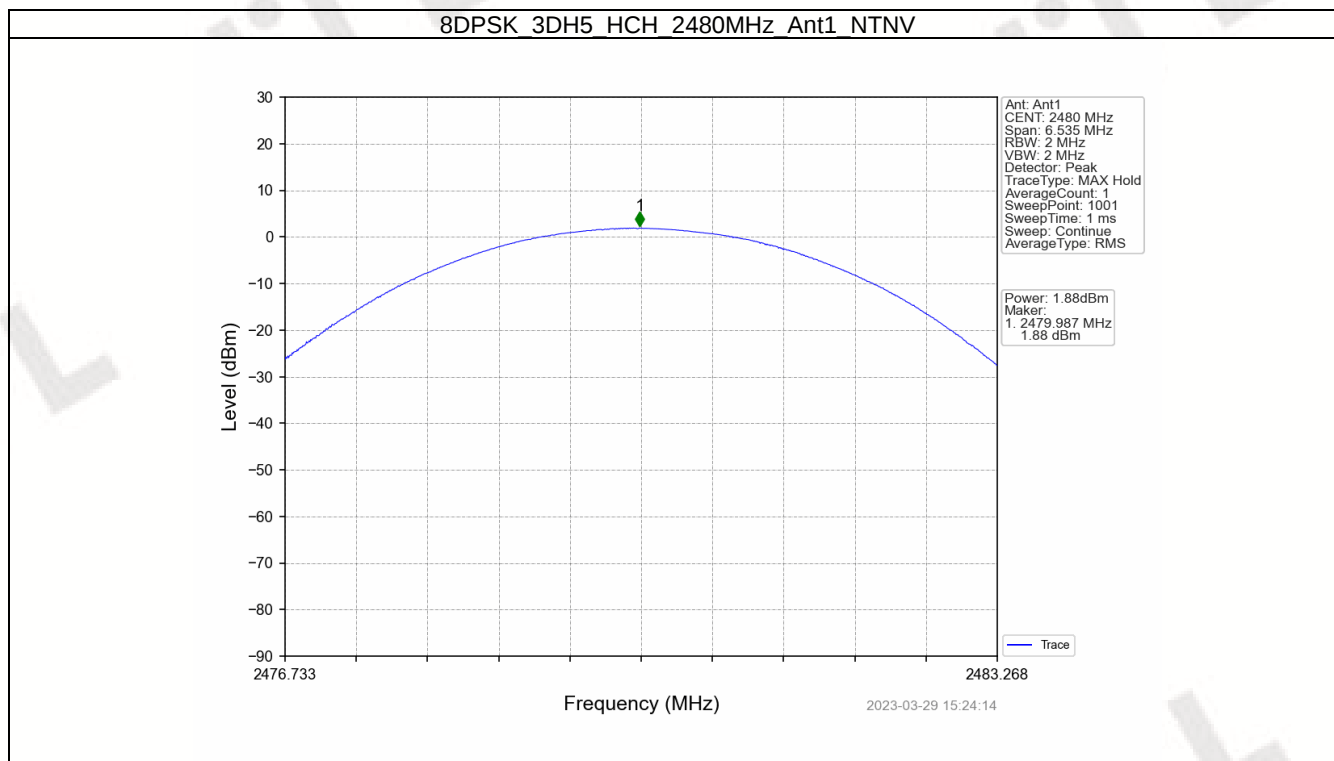


8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV





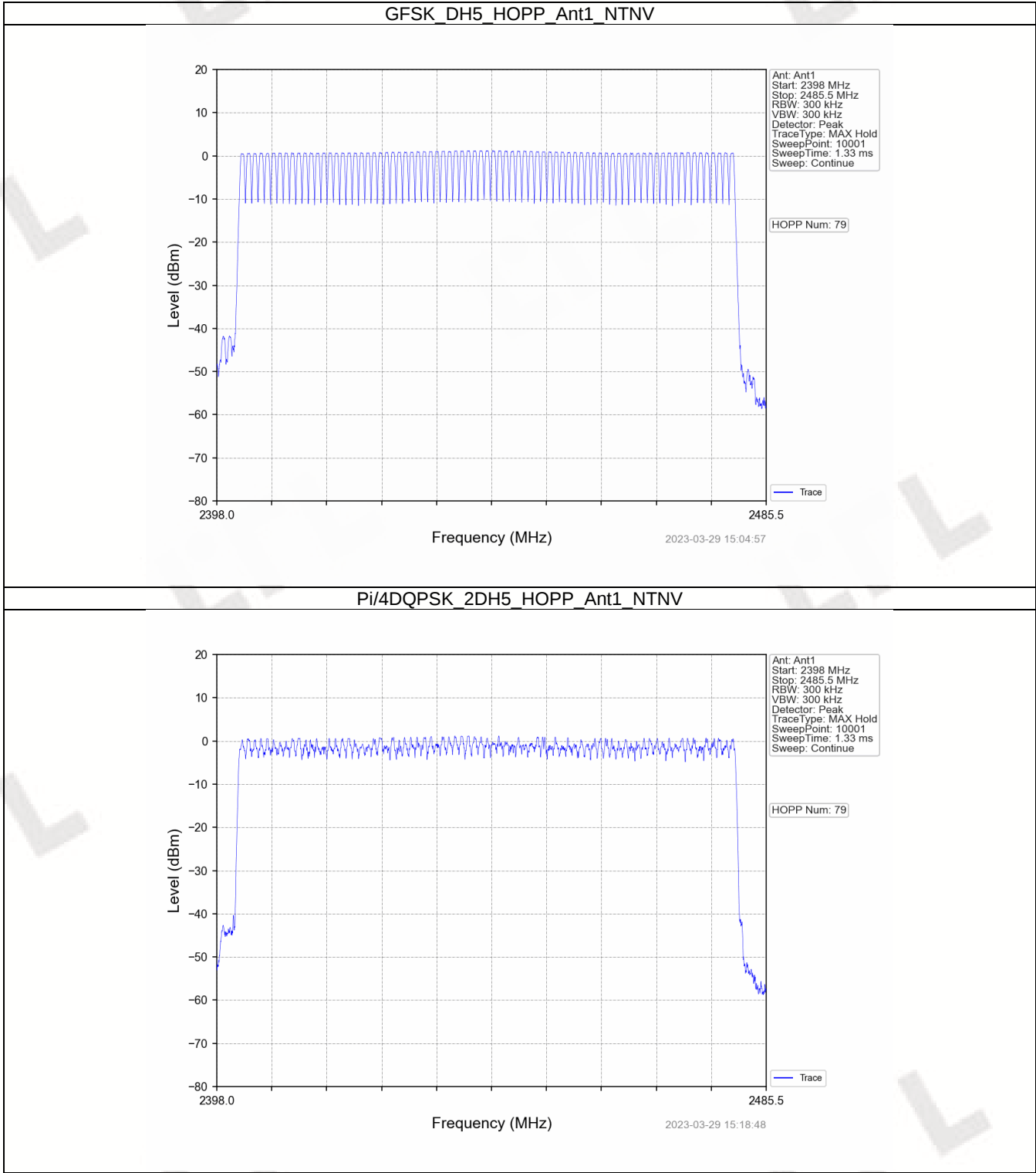
3. Number of Hopping Frequencies

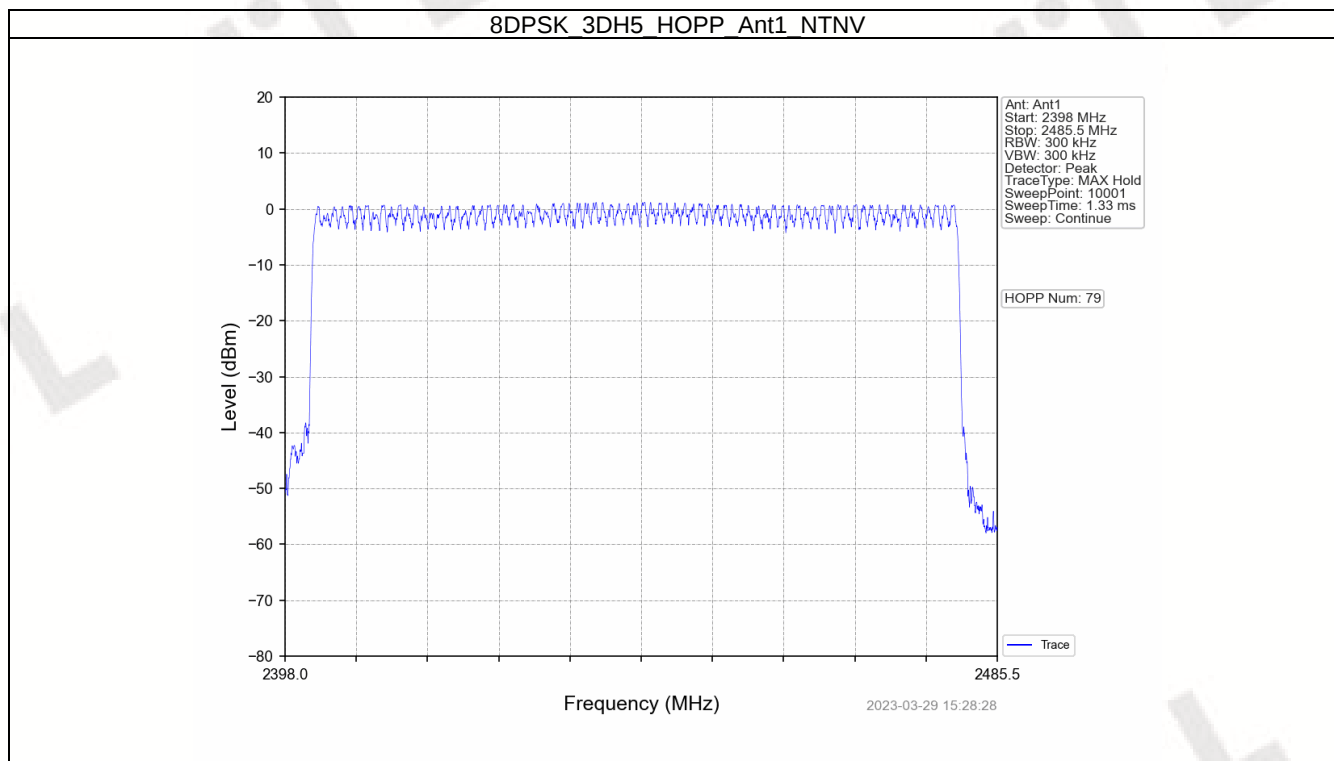
3.1 HoppNum

3.1.1 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

3.1.2 Test Graph





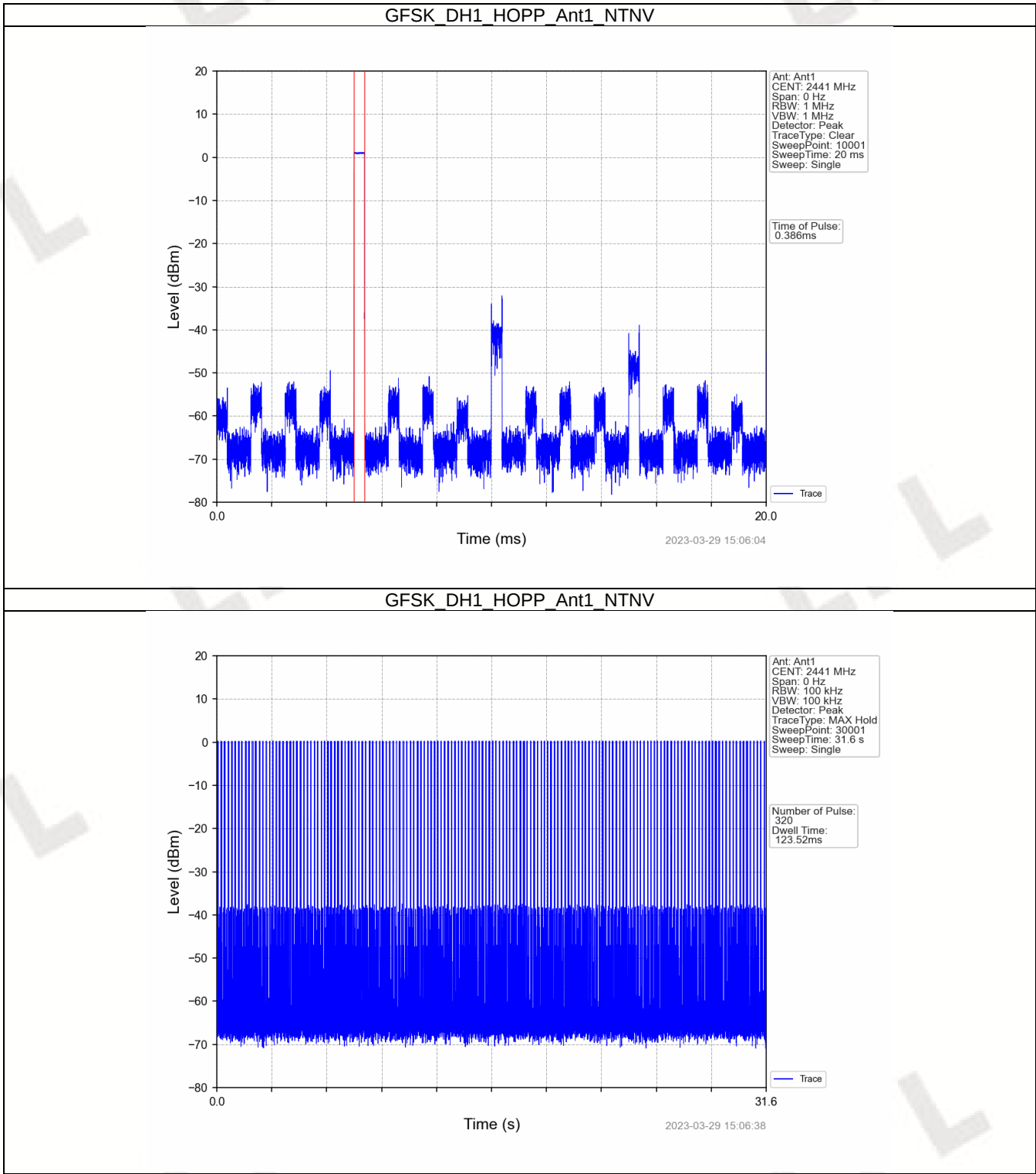
4. Time of Occupancy (Dwell Time)

4.1 Ant1

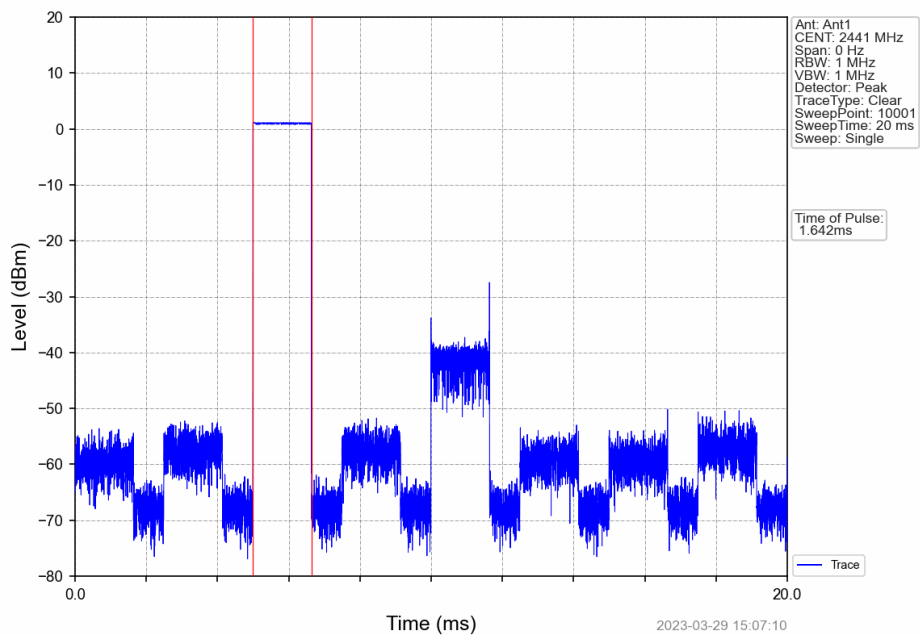
4.1.1 Test Result

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	0.386	31.600	320	123.520	<=400	Pass
			DH3	1.642	31.600	157	257.794	<=400	Pass
			DH5	2.892	31.600	110	318.120	<=400	Pass
Pi/4DQPSK	SISO	HOPP	2DH1	0.396	31.600	319	126.324	<=400	Pass
			2DH3	1.648	31.600	166	273.568	<=400	Pass
			2DH5	2.896	31.600	118	341.728	<=400	Pass
8DPSK	SISO	HOPP	3DH1	0.394	31.600	318	125.292	<=400	Pass
			3DH3	1.646	31.600	158	260.068	<=400	Pass
			3DH5	2.902	31.600	100	290.200	<=400	Pass

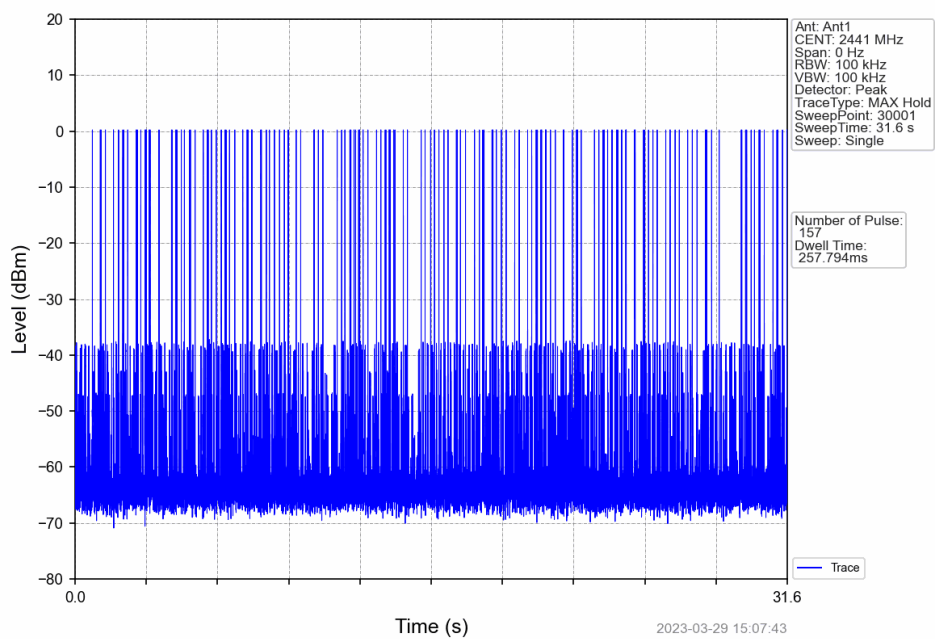
4.1.2 Test Graph

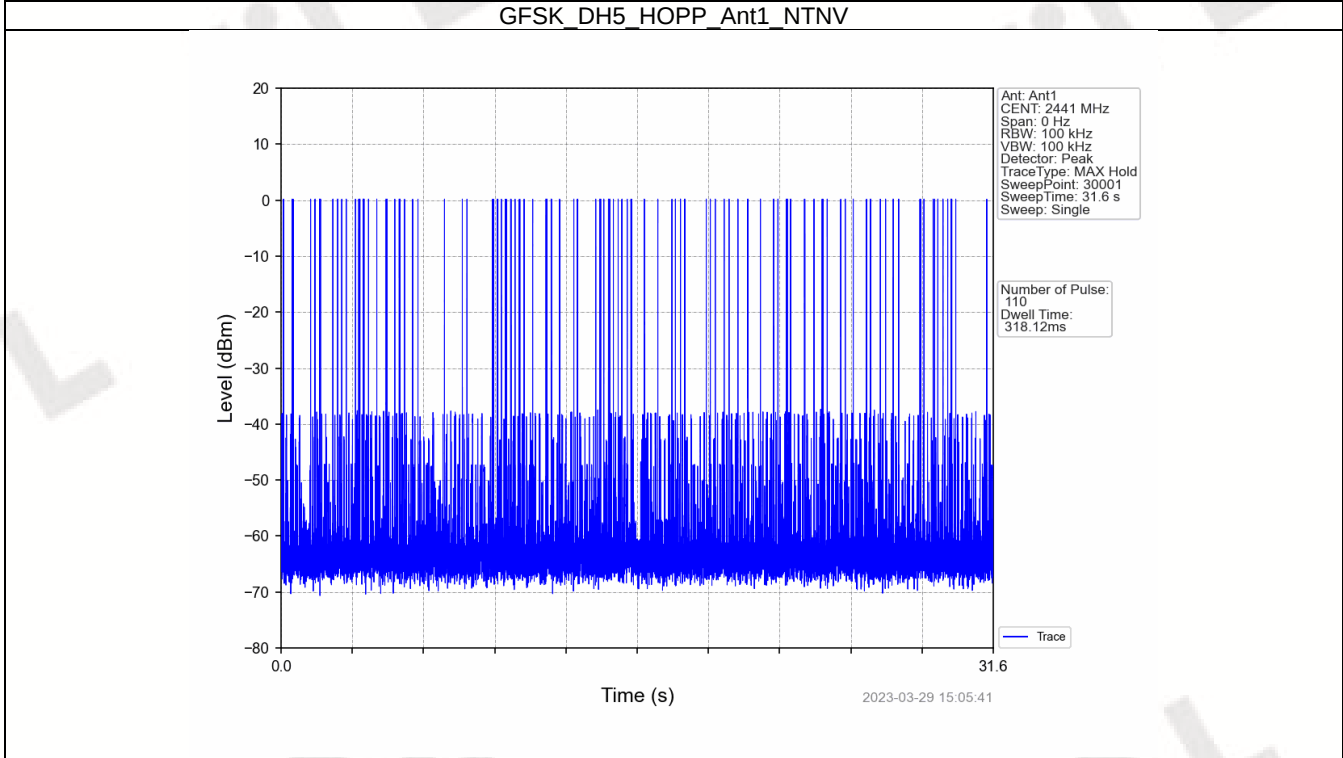
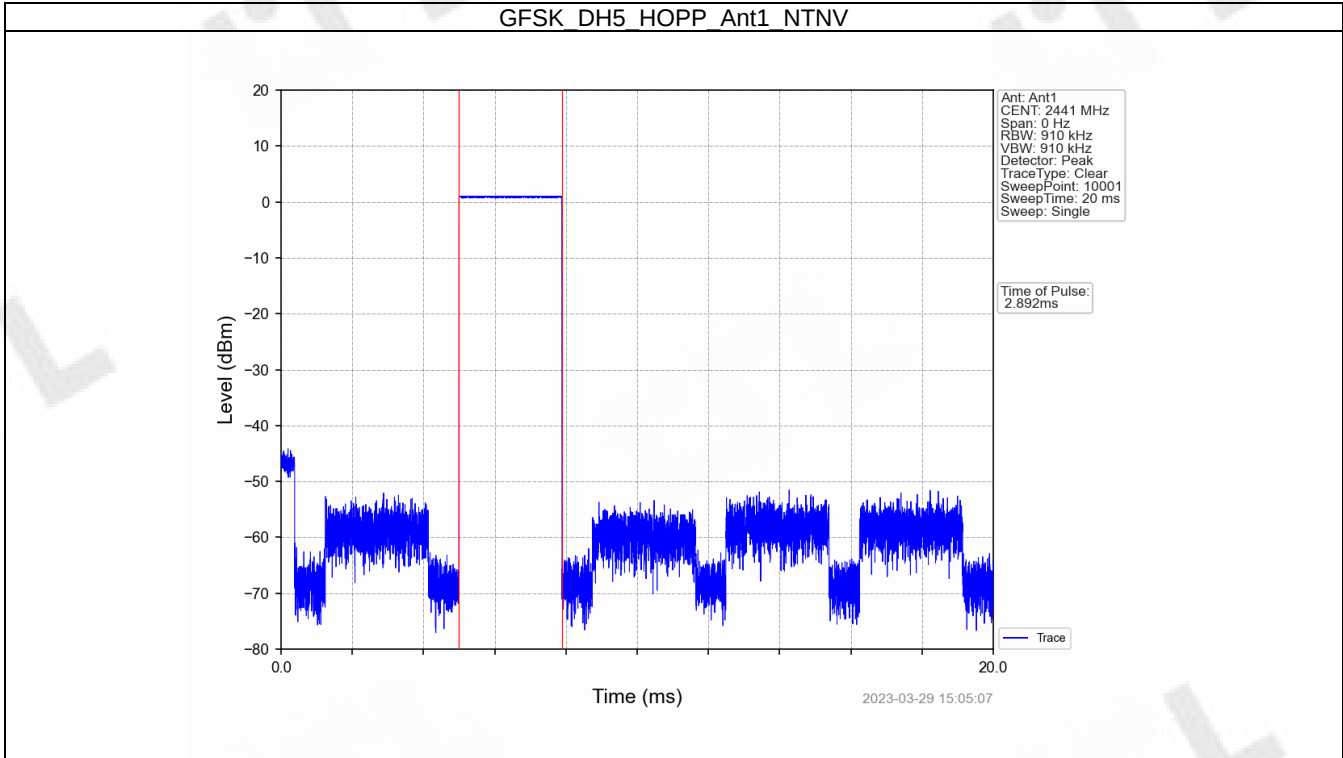


GFSK DH3 HOPP Ant1 NTN

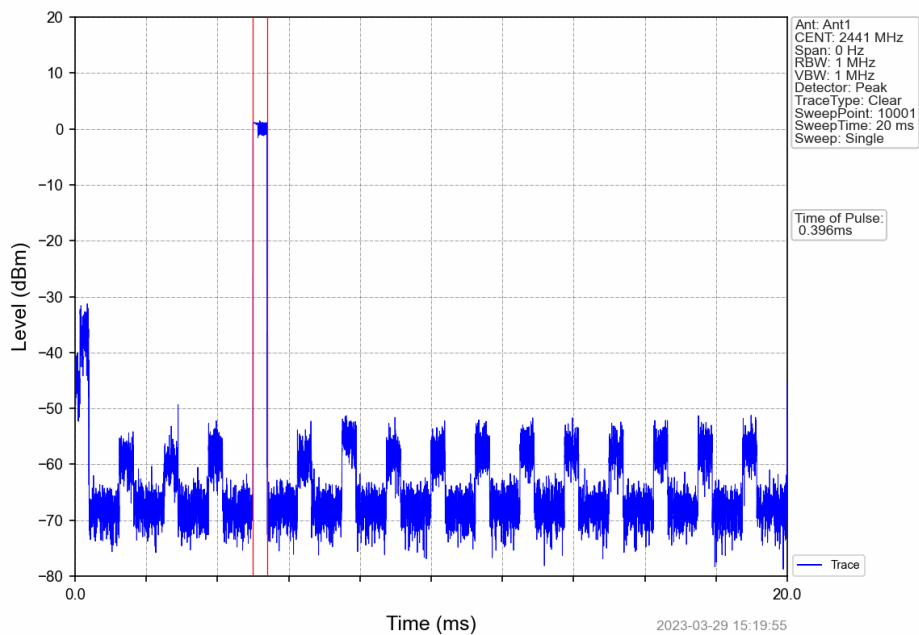


GFSK_DH3_HOPP_Ant1_NTNV

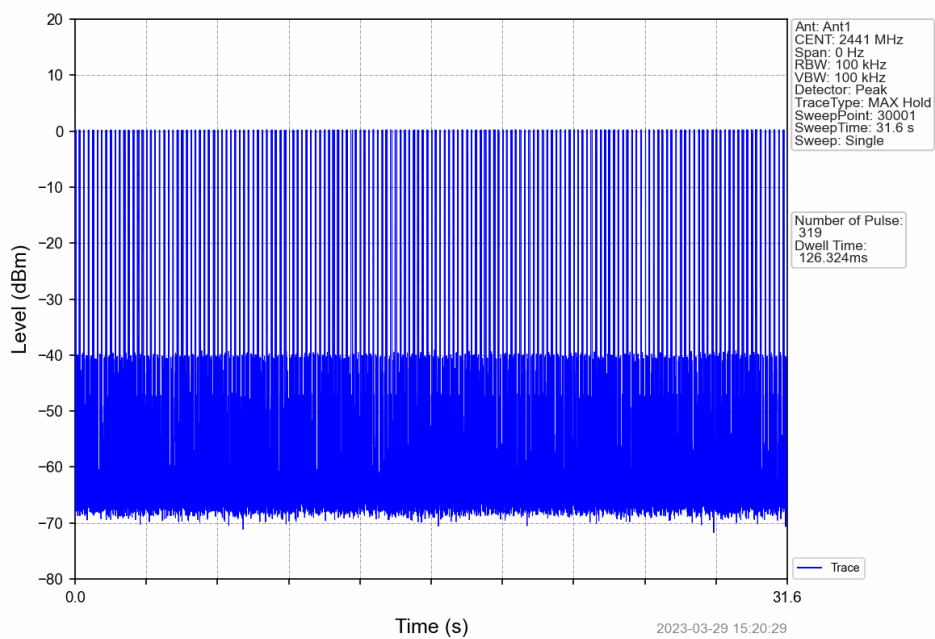


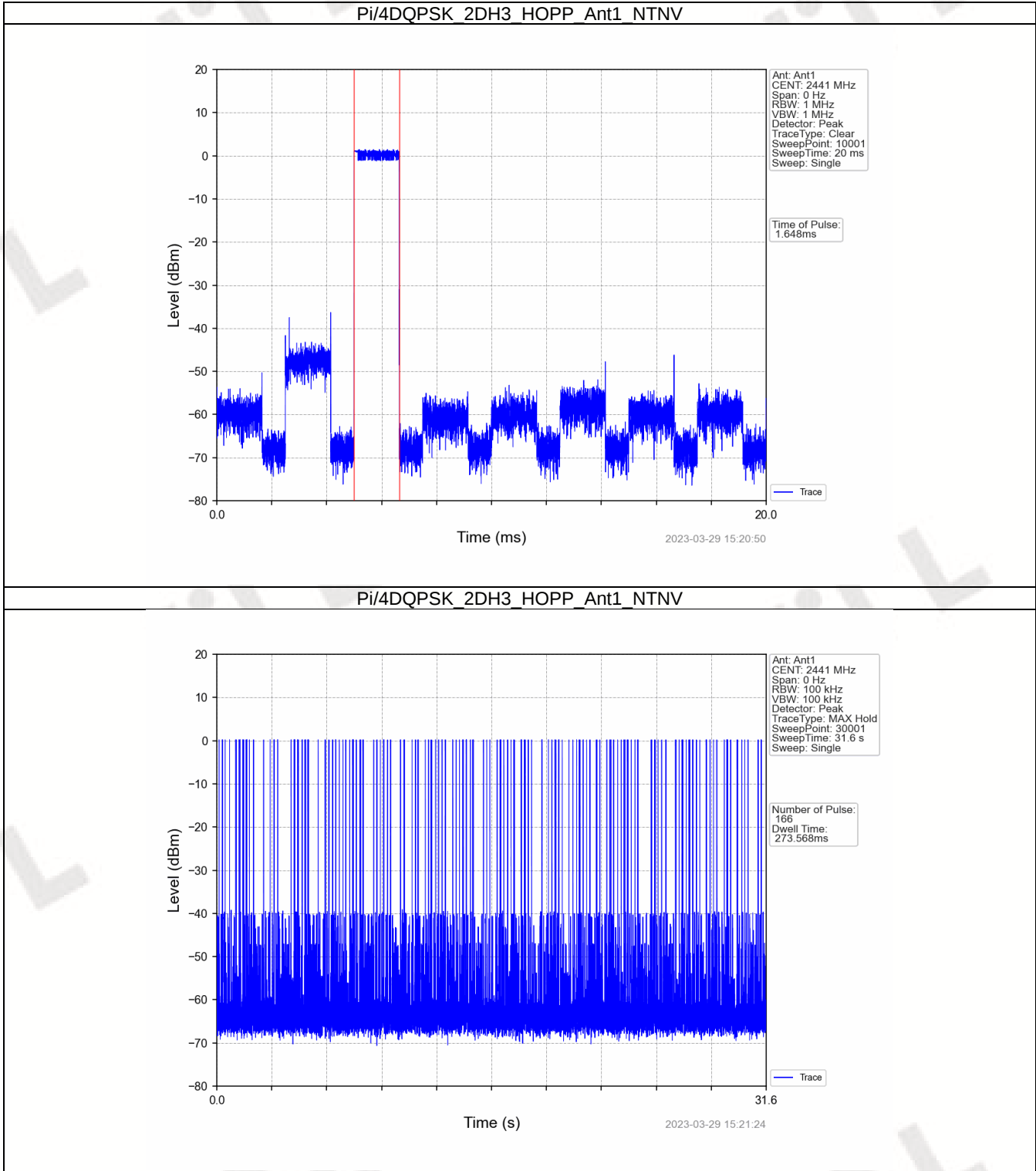


Pi/4DQPSK_2DH1_HOPP_Ant1_NTNV

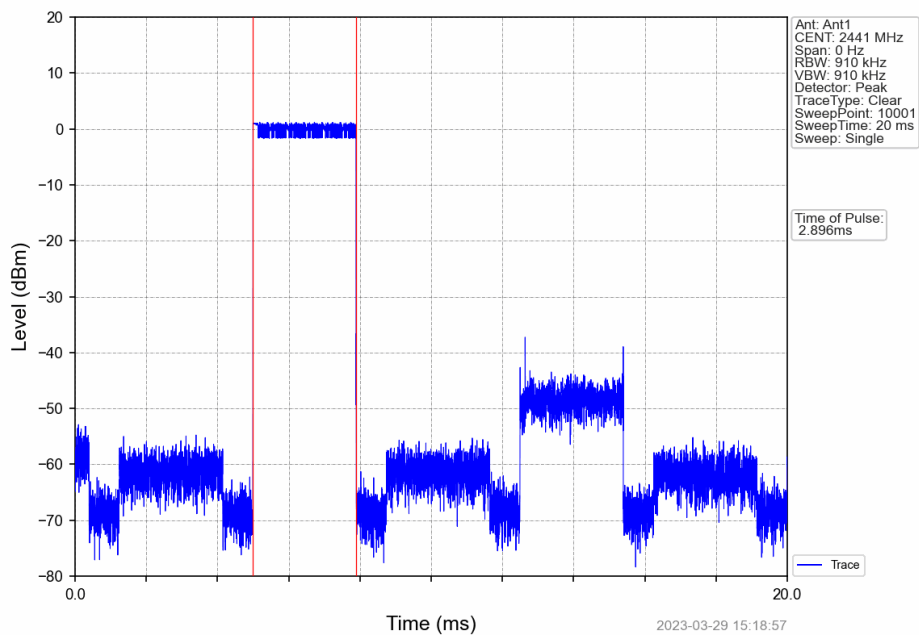


Pi/4DQPSK_2DH1_HOPP_Ant1_NTNV

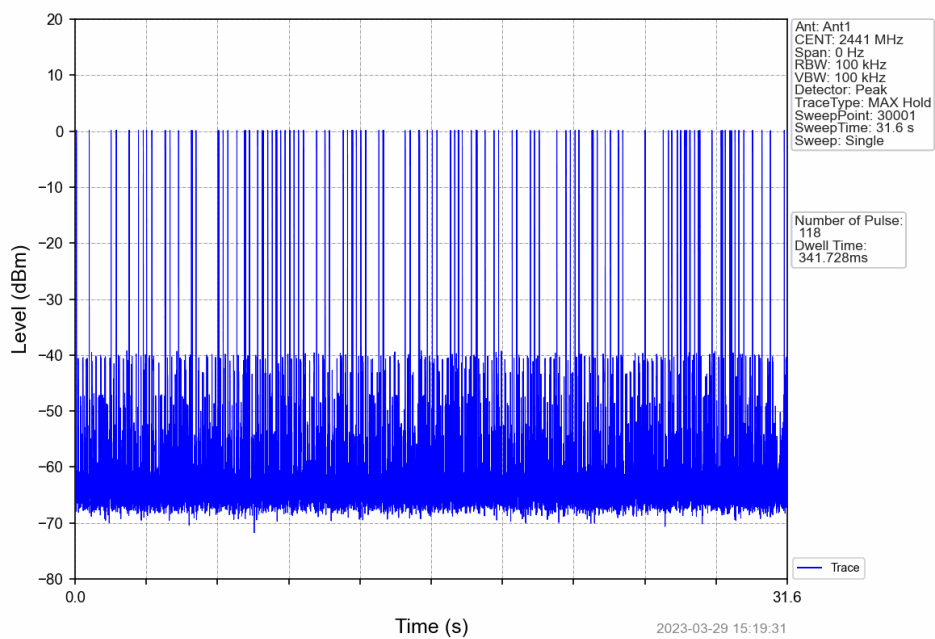




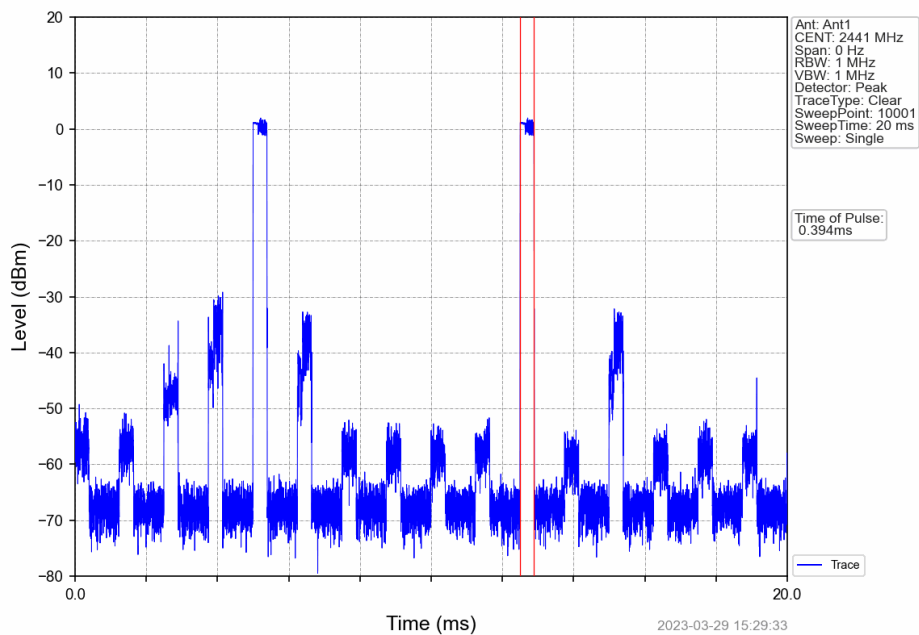
Pi/4DQPSK_2DH5_HOPP_Ant1_NTNV



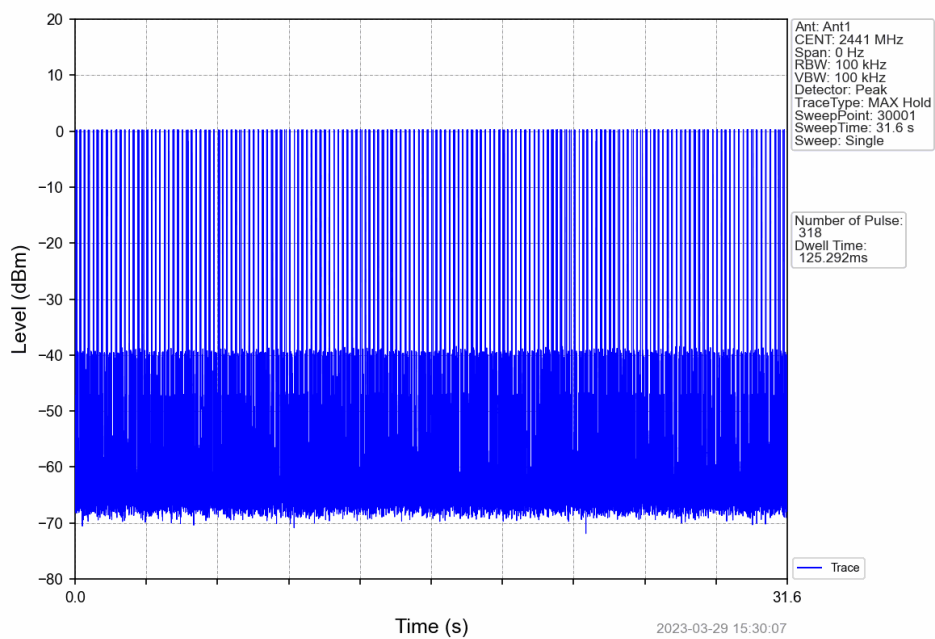
Pi/4DQPSK_2DH5_HOPP_Ant1_NTNV



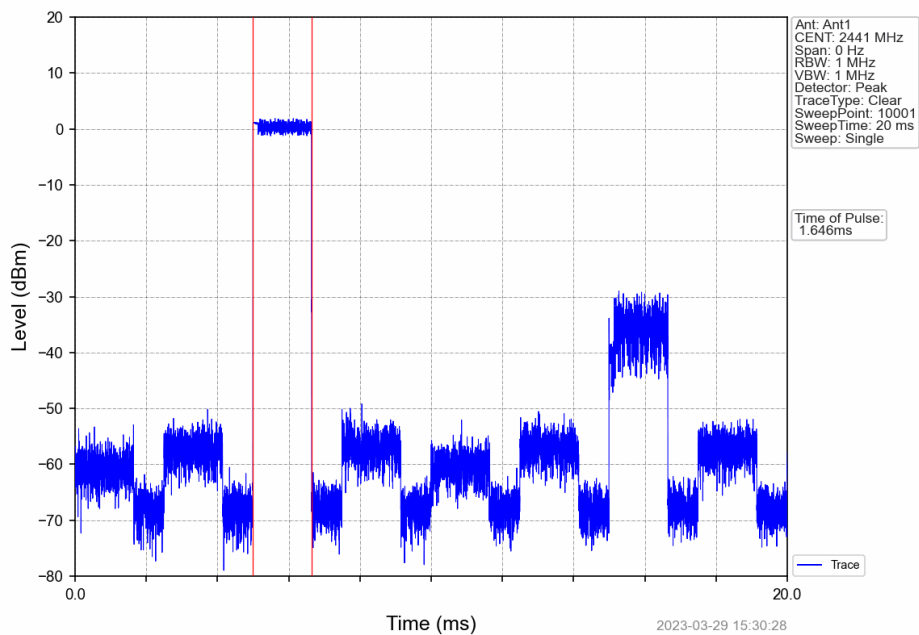
8DPSK 3DH1 HOPP Ant1 NTN



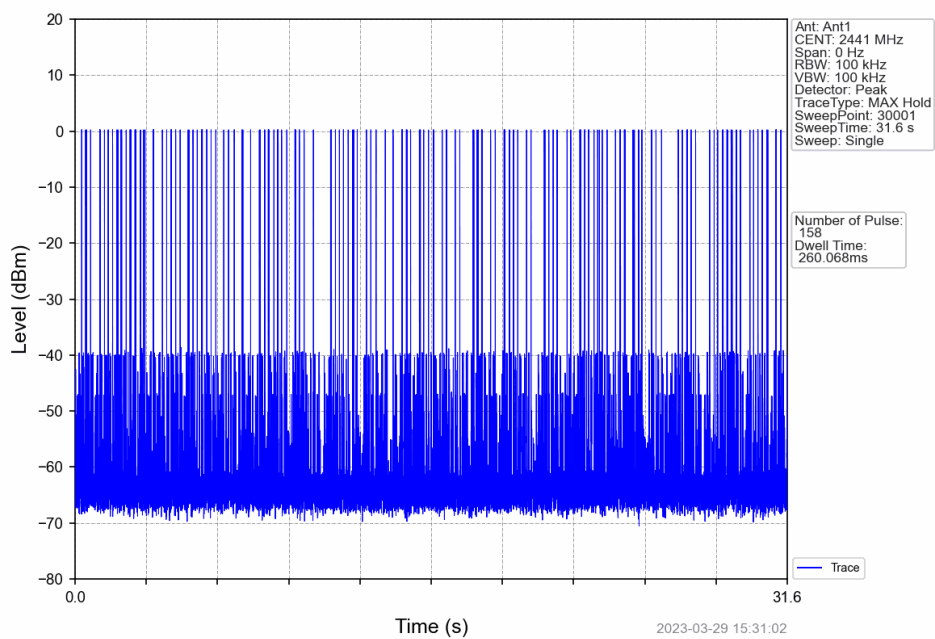
8DPSK_3DH1_HOPP_Ant1_NTN

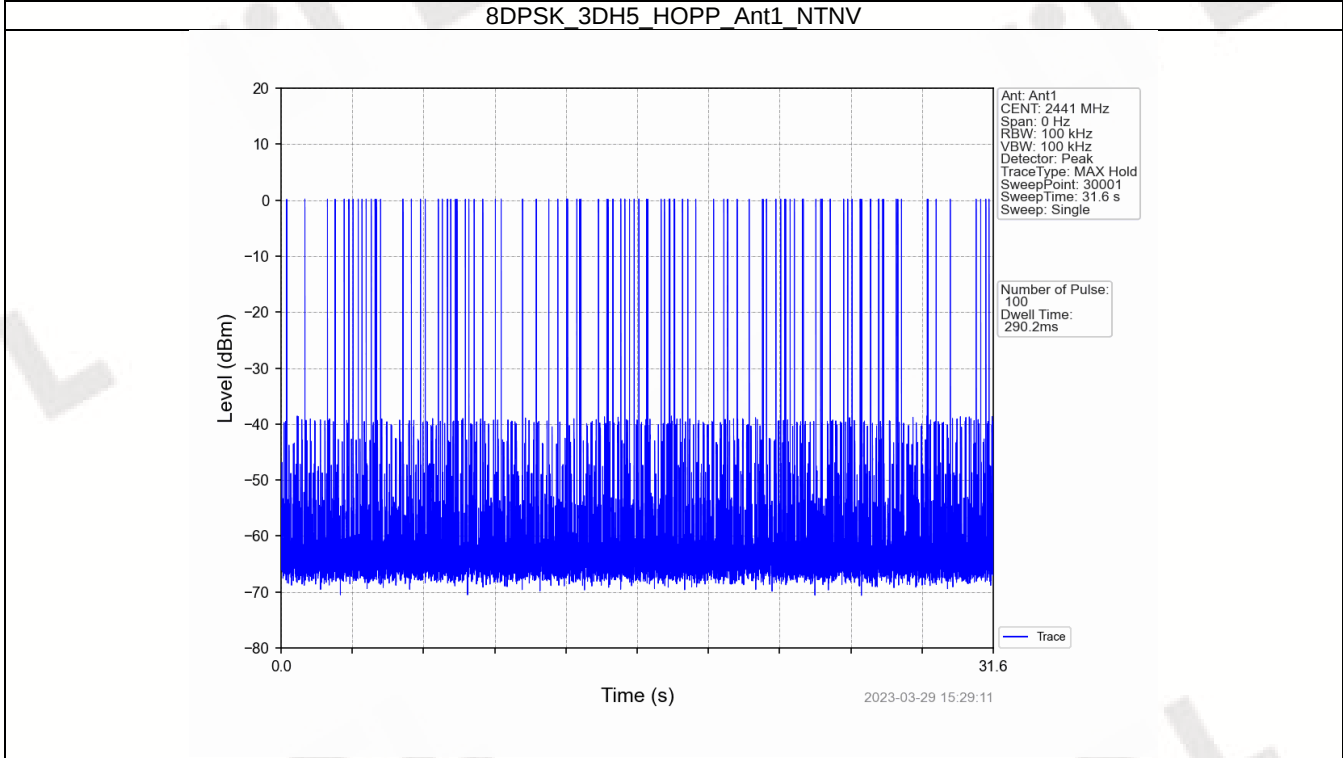
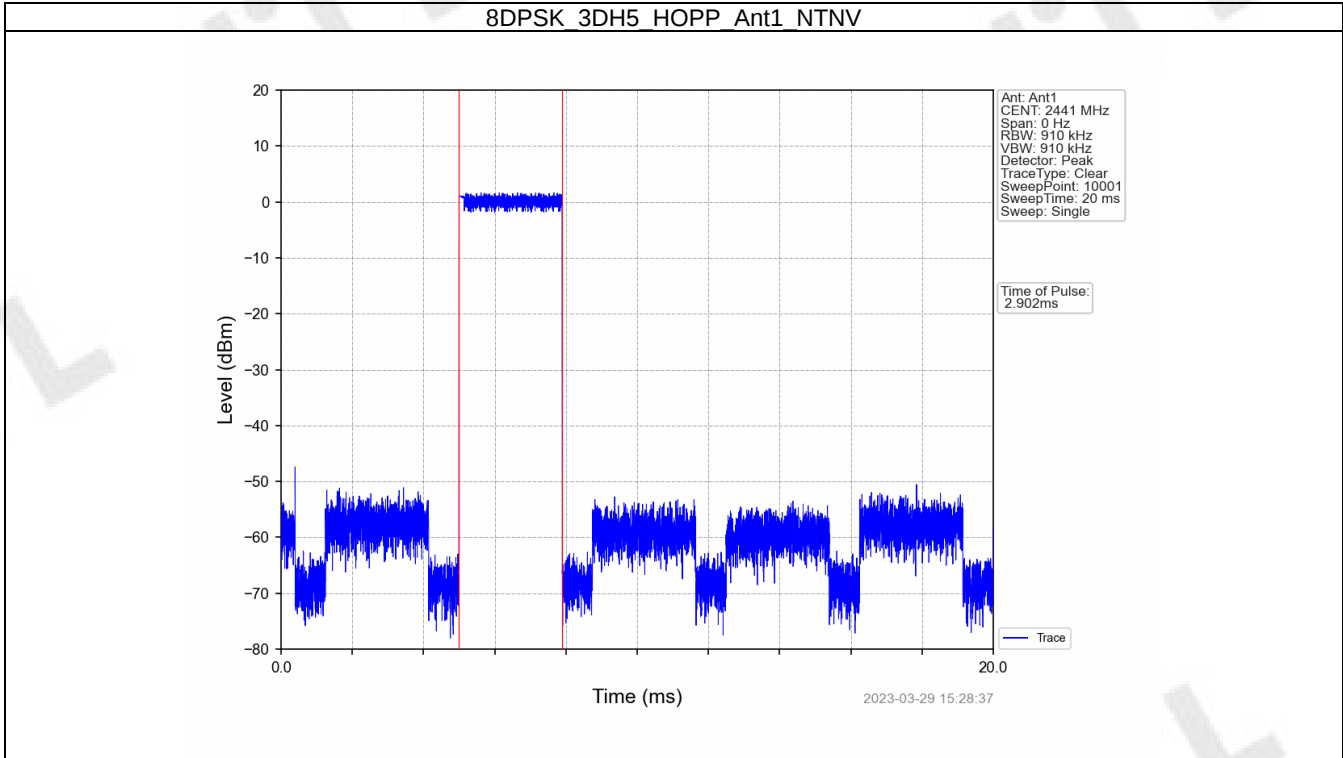


8DPSK 3DH3 HOPP Ant1 NTN



8DPSK_3DH3_HOPP_Ant1_NTN





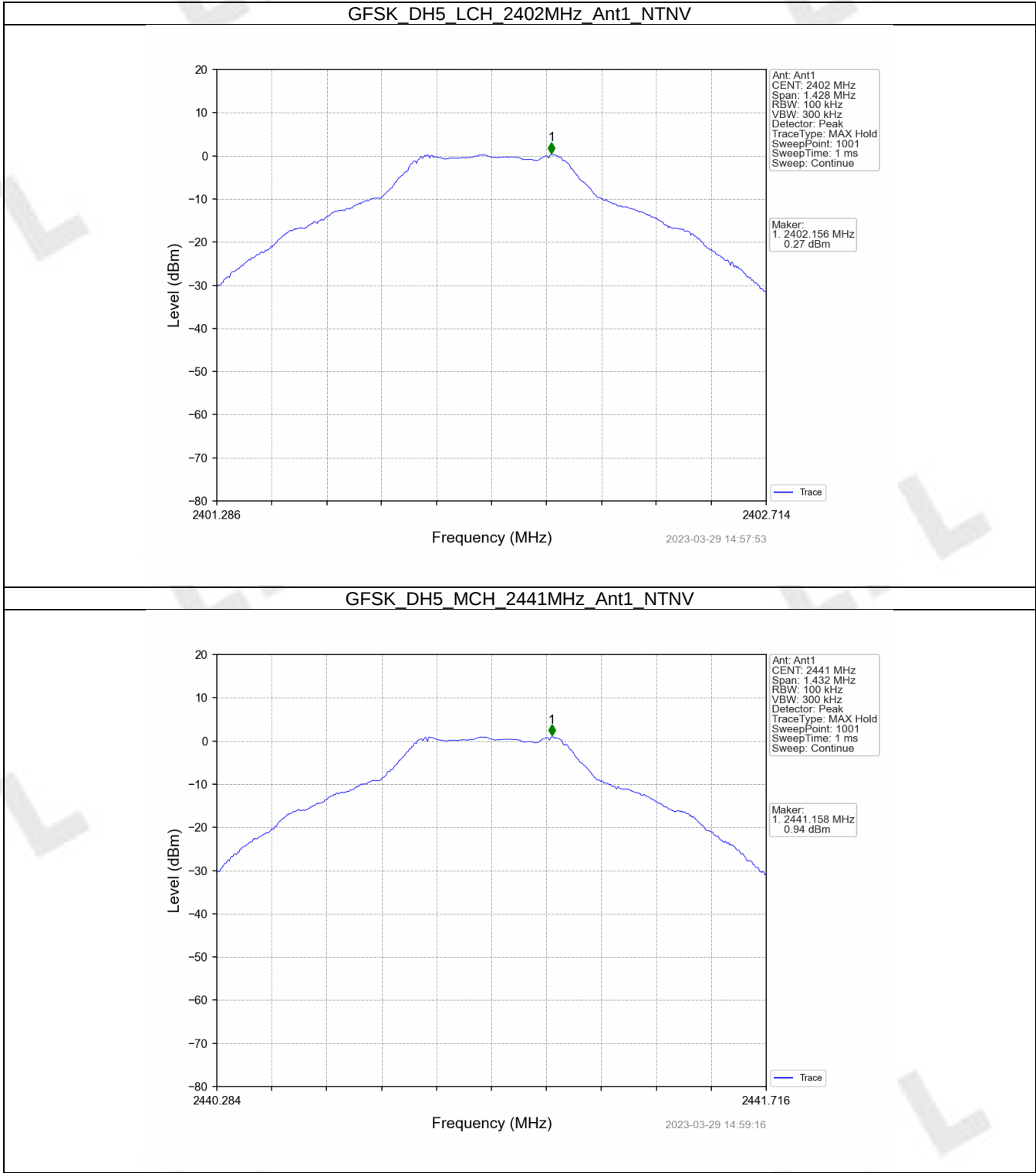
5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Ref

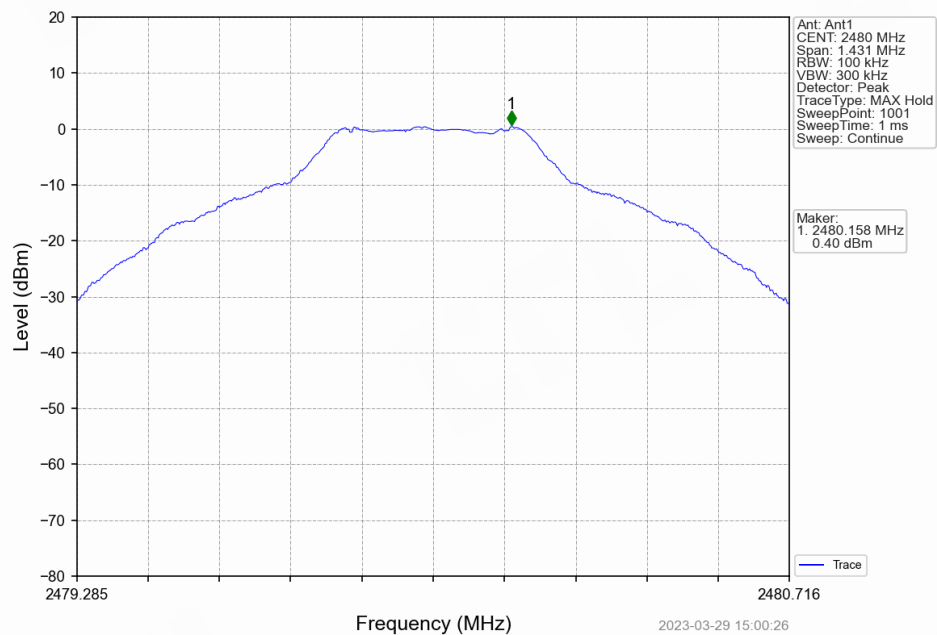
5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)
GFSK	SISO	2402	DH5	1	0.27
		2441	DH5	1	0.94
		2480	DH5	1	0.40
Pi/4DQPSK	SISO	2402	2DH5	1	0.34
		2441	2DH5	1	1.05
		2480	2DH5	1	0.54
8DPSK	SISO	2402	3DH5	1	0.29
		2441	3DH5	1	0.99
		2480	3DH5	1	0.42
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.					

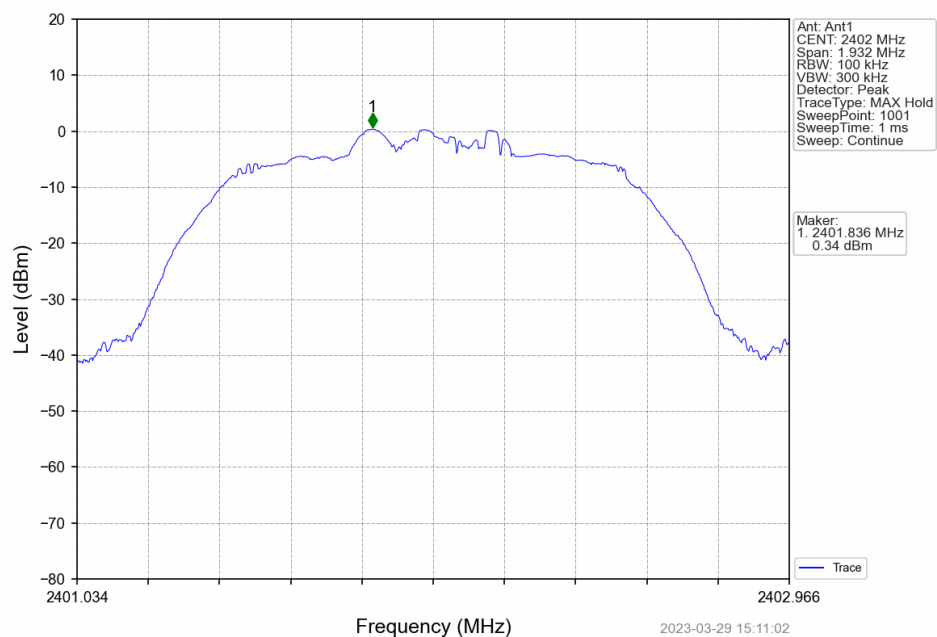
5.1.2 Test Graph



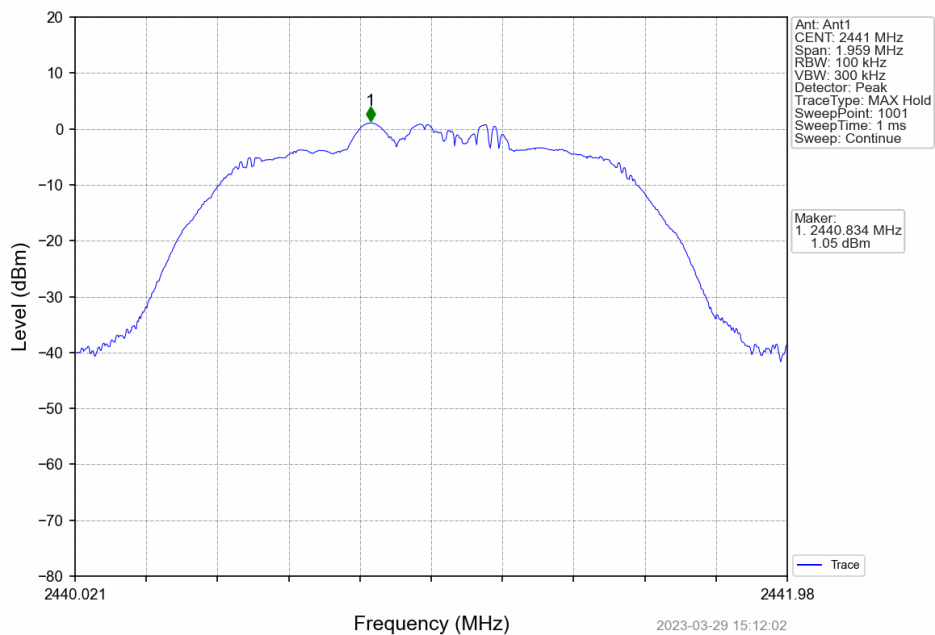
GFSK DH5 HCH 2480MHz Ant1 NTV



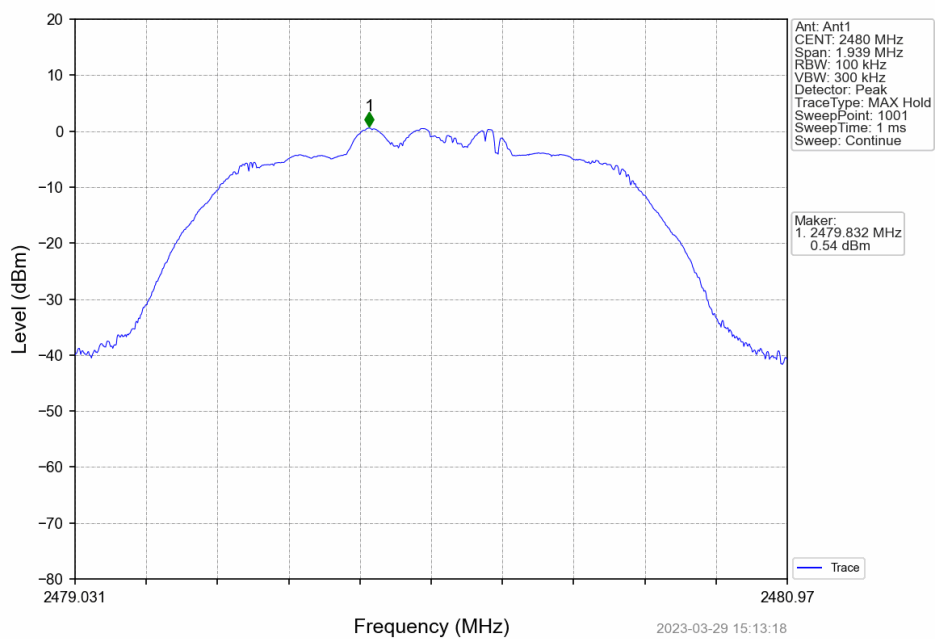
Pi/4DQPSK 2DH5 LCH 2402MHz Ant1 NTV



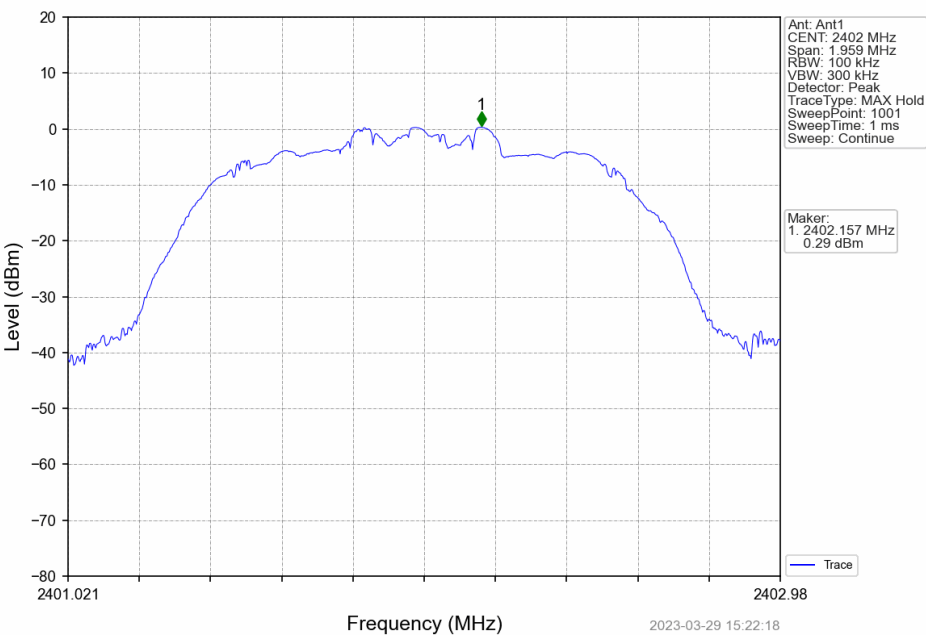
Pi/4DQPSK 2DH5 MCH 2441MHz Ant1 NTN



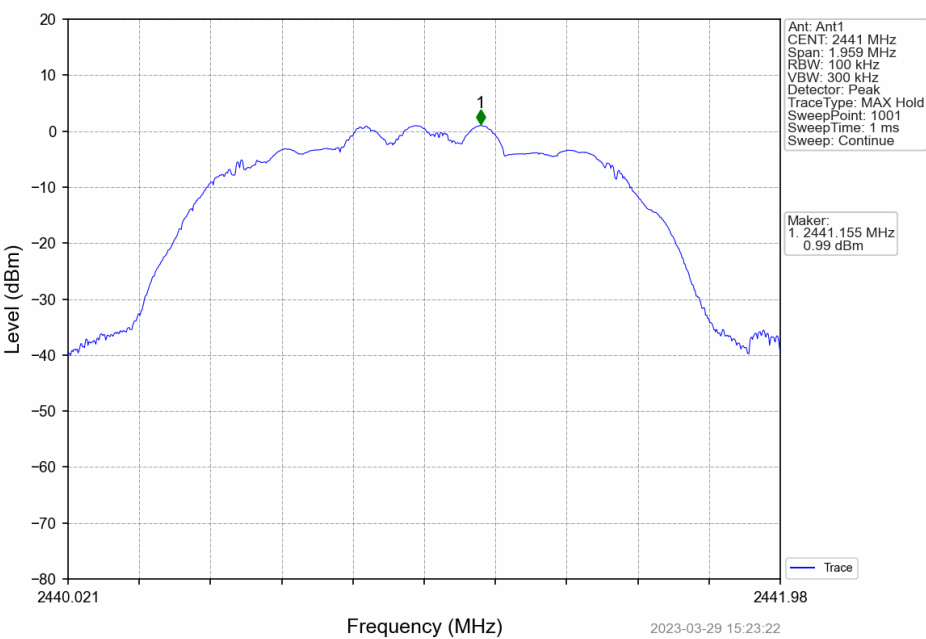
Pi/4DQPSK 2DH5 HCH 2480MHz Ant1 NTN

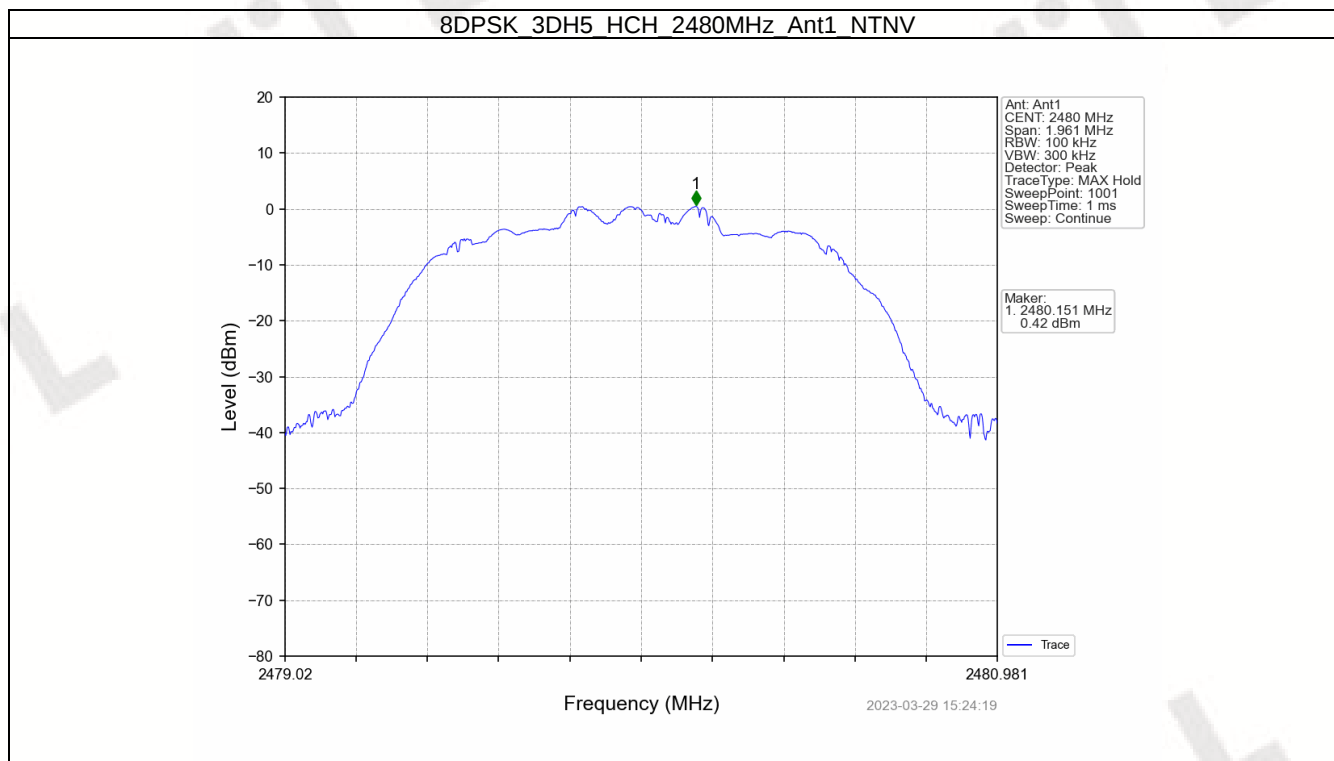


8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV





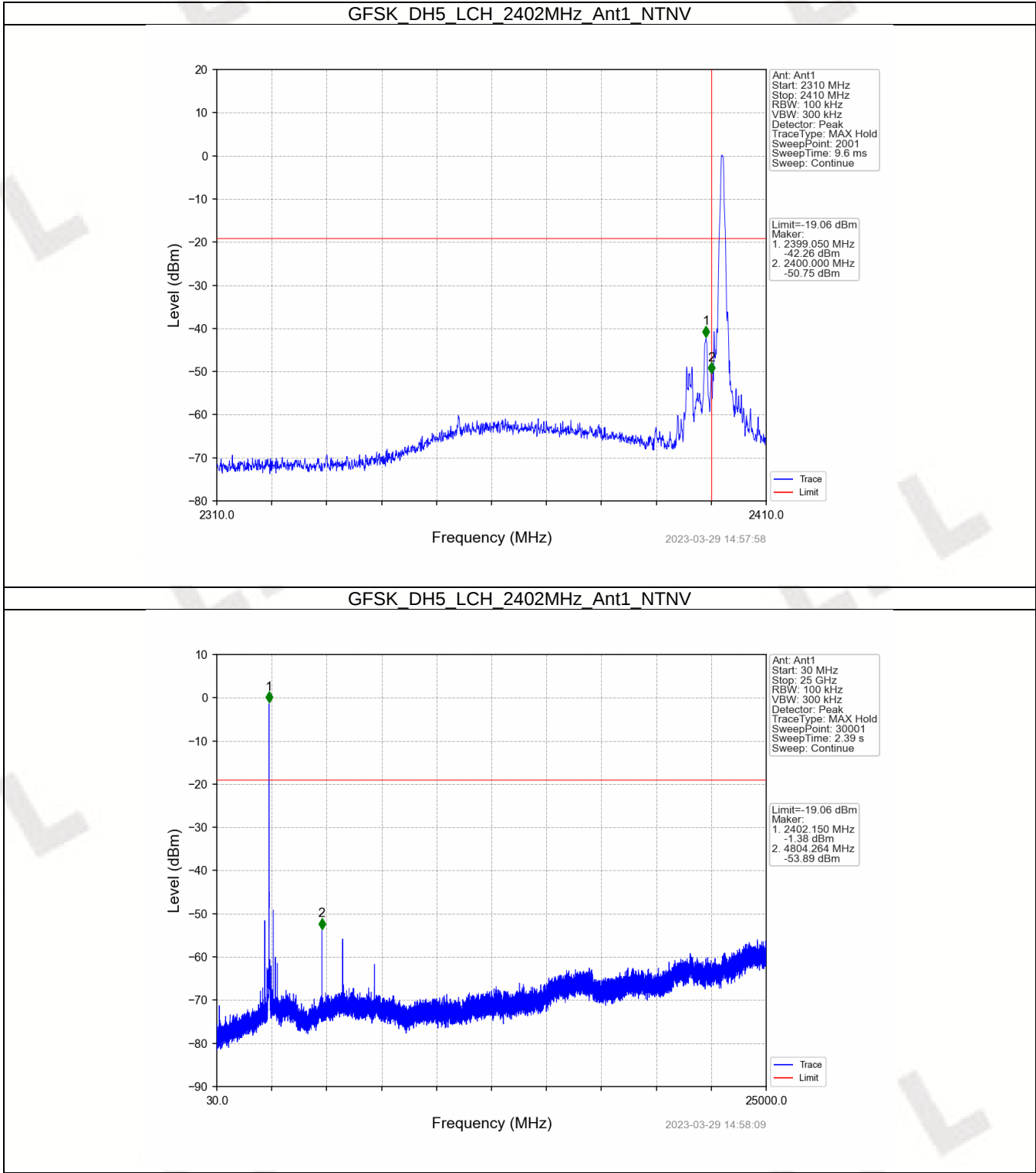
5.2 CSE

5.2.1 Test Result

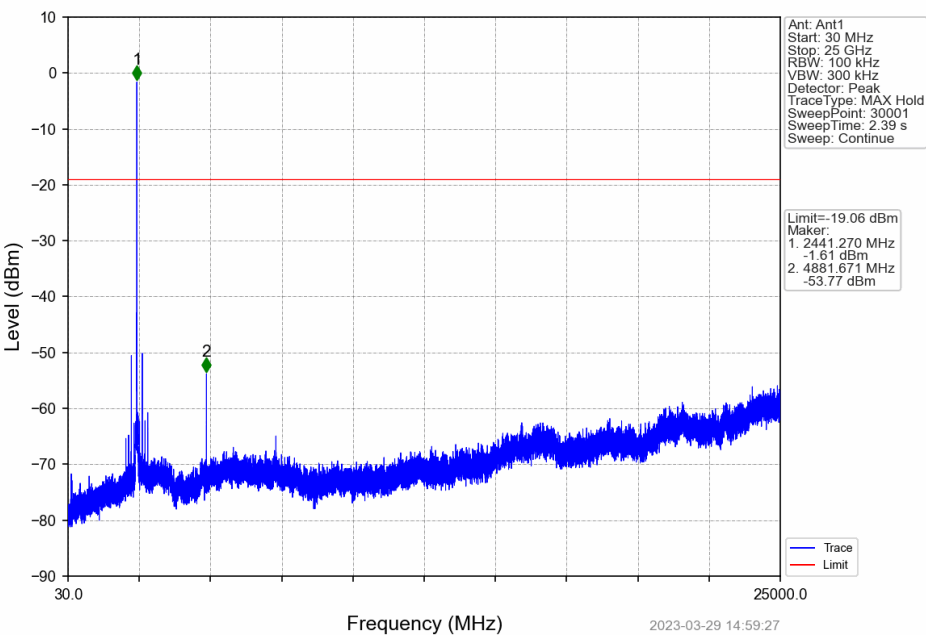
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	DH5	1	0.94	-19.06	Pass
		2441	DH5	1	0.94	-19.06	Pass
		2480	DH5	1	0.94	-19.06	Pass
		HOPP	DH5	1	0.94	-19.06	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.05	-18.95	Pass
		2441	2DH5	1	1.05	-18.95	Pass
		2480	2DH5	1	1.05	-18.95	Pass
		HOPP	2DH5	1	1.05	-18.95	Pass
8DPSK	SISO	2402	3DH5	1	0.99	-19.01	Pass
		2441	3DH5	1	0.99	-19.01	Pass
		2480	3DH5	1	0.99	-19.01	Pass
		HOPP	3DH5	1	0.99	-19.01	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.

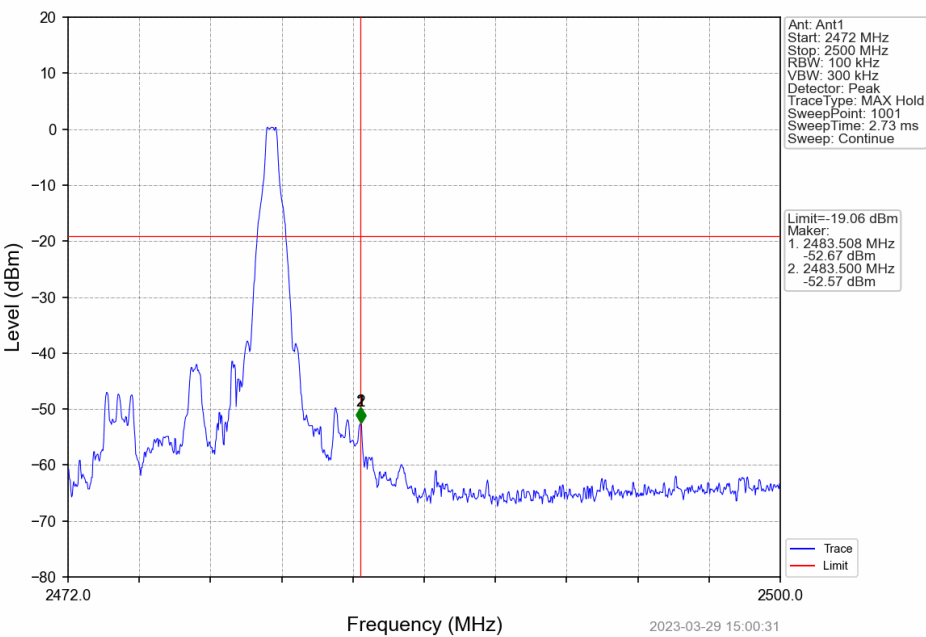
5.2.2 Test Graph

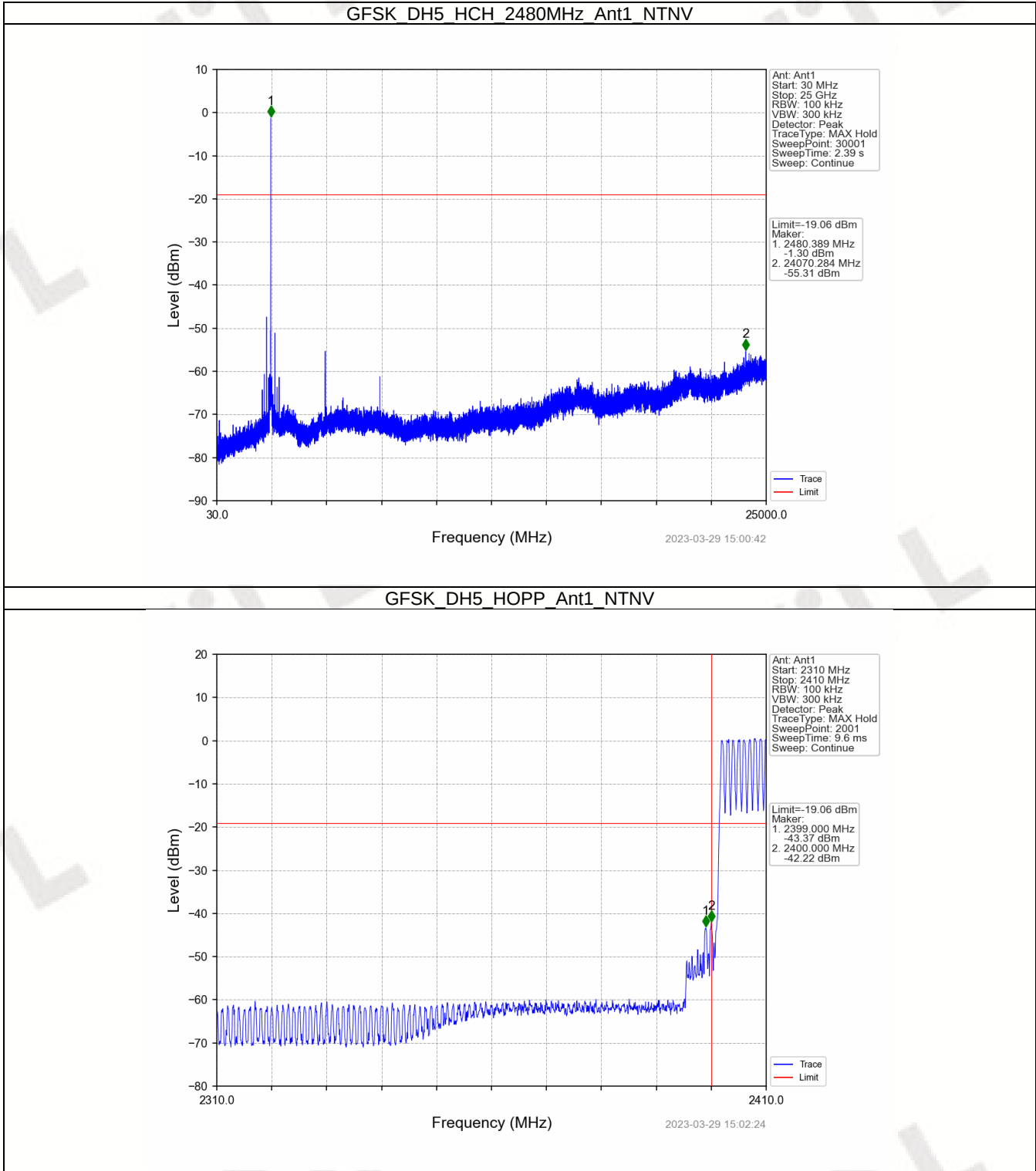


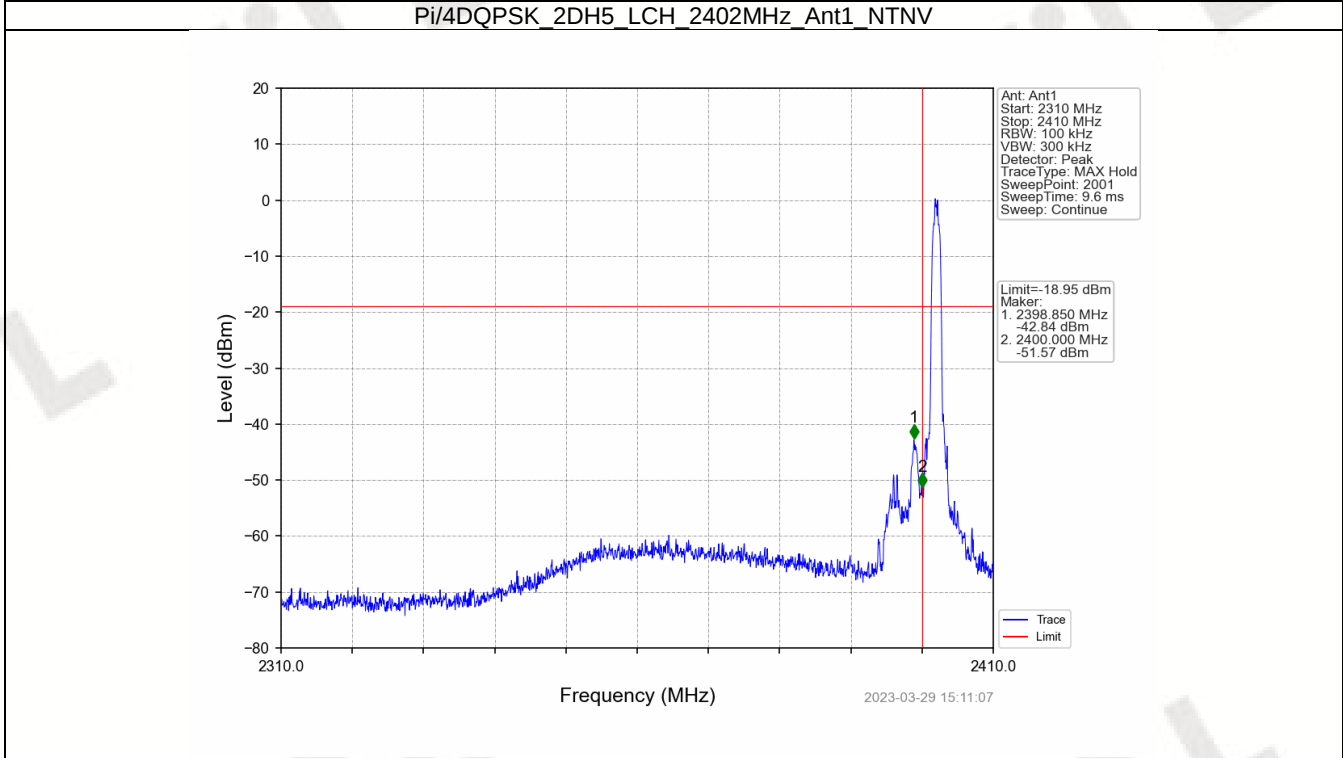
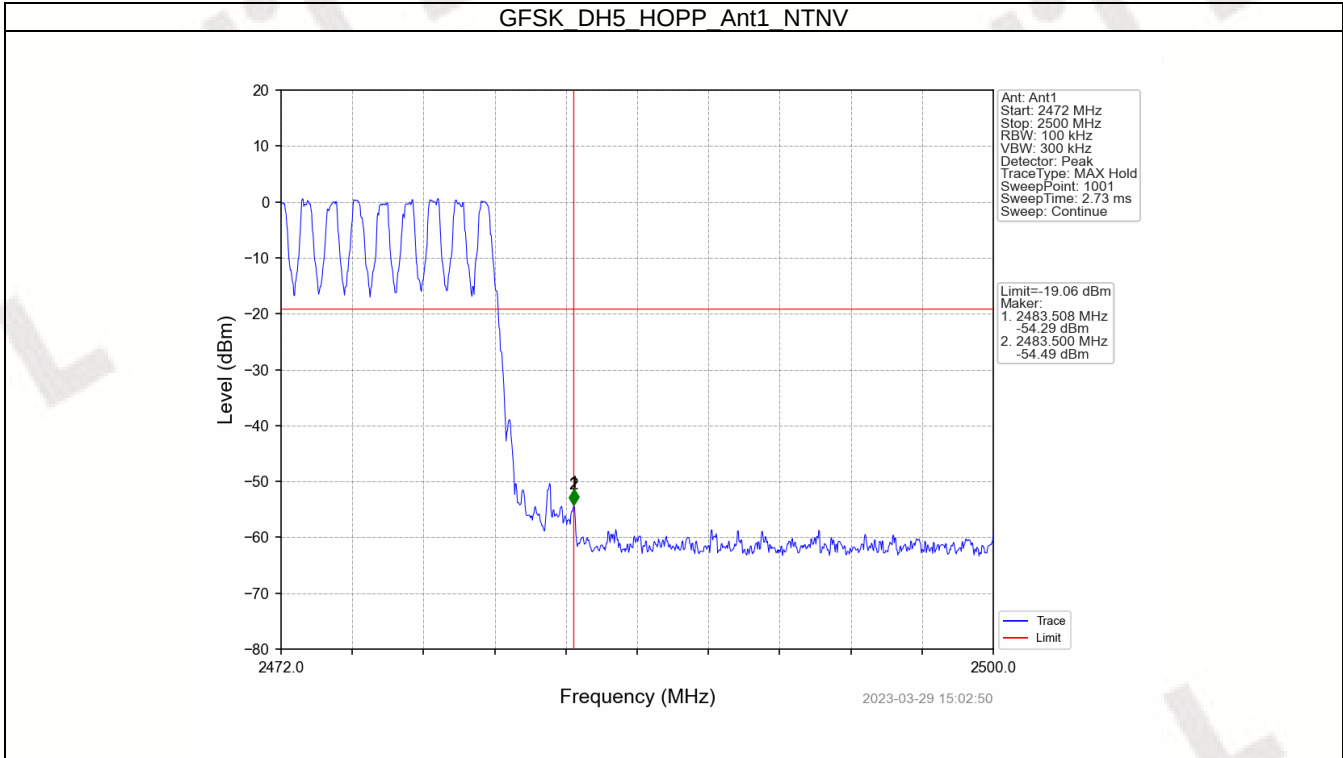
GFSK DH5 MCH 2441MHz Ant1 NTN



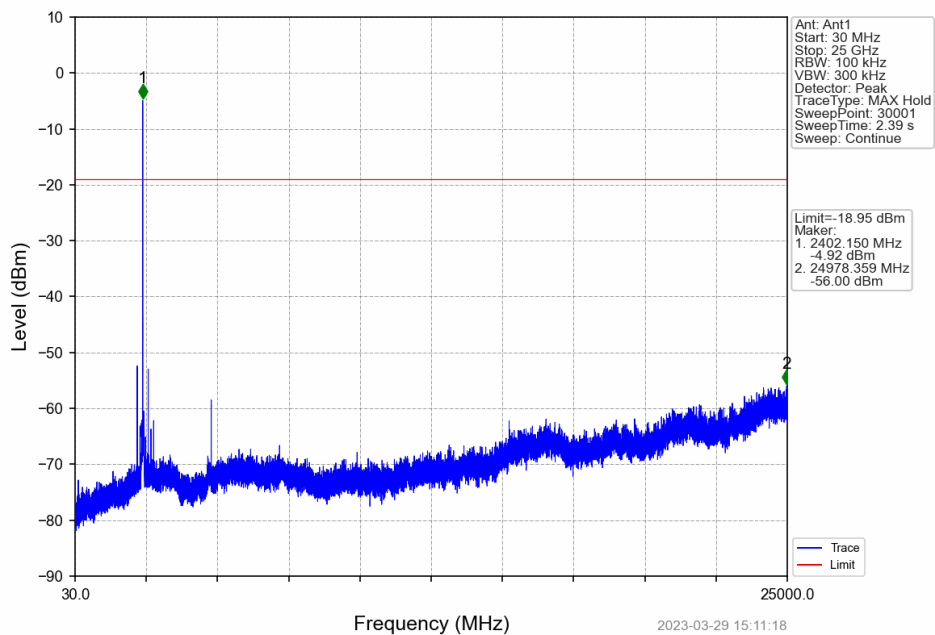
GFSK_DH5_HCH_2480MHz_Ant1_NTN



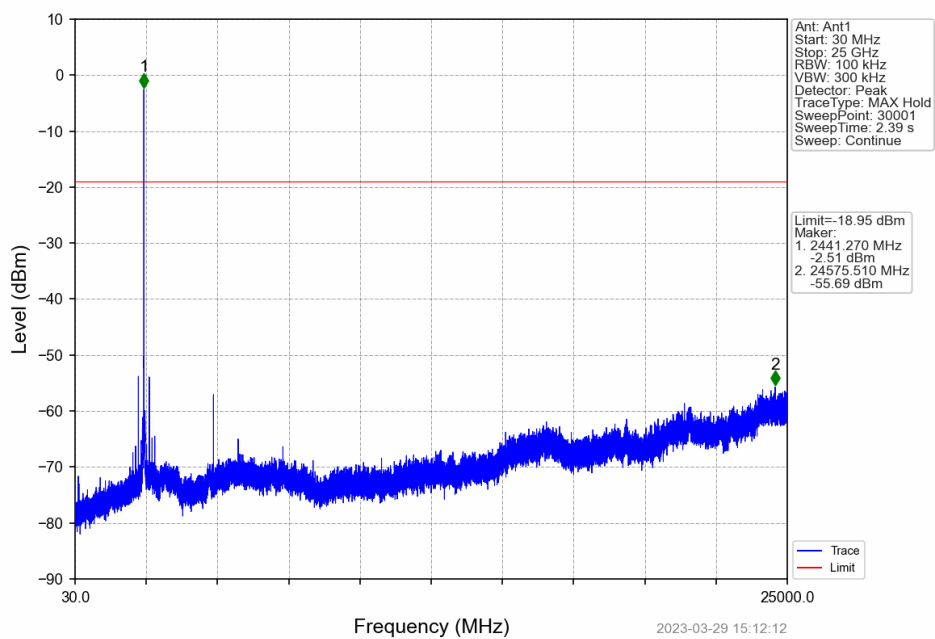




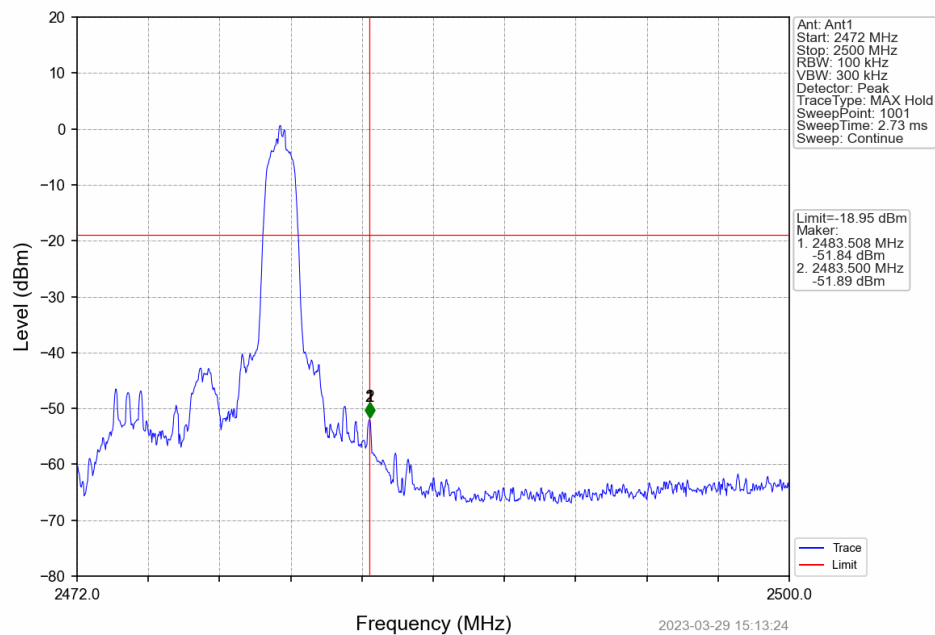
Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



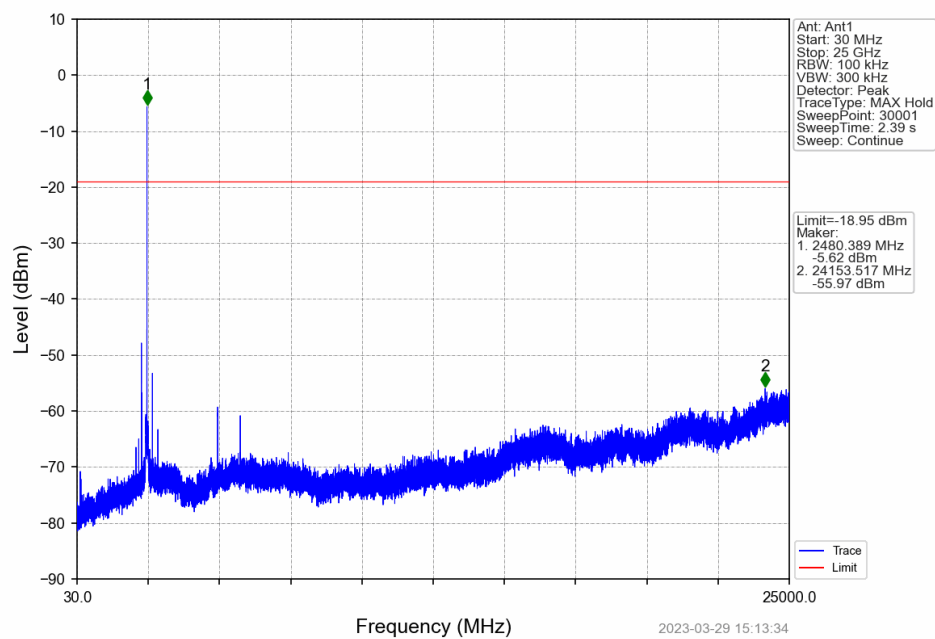
Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV

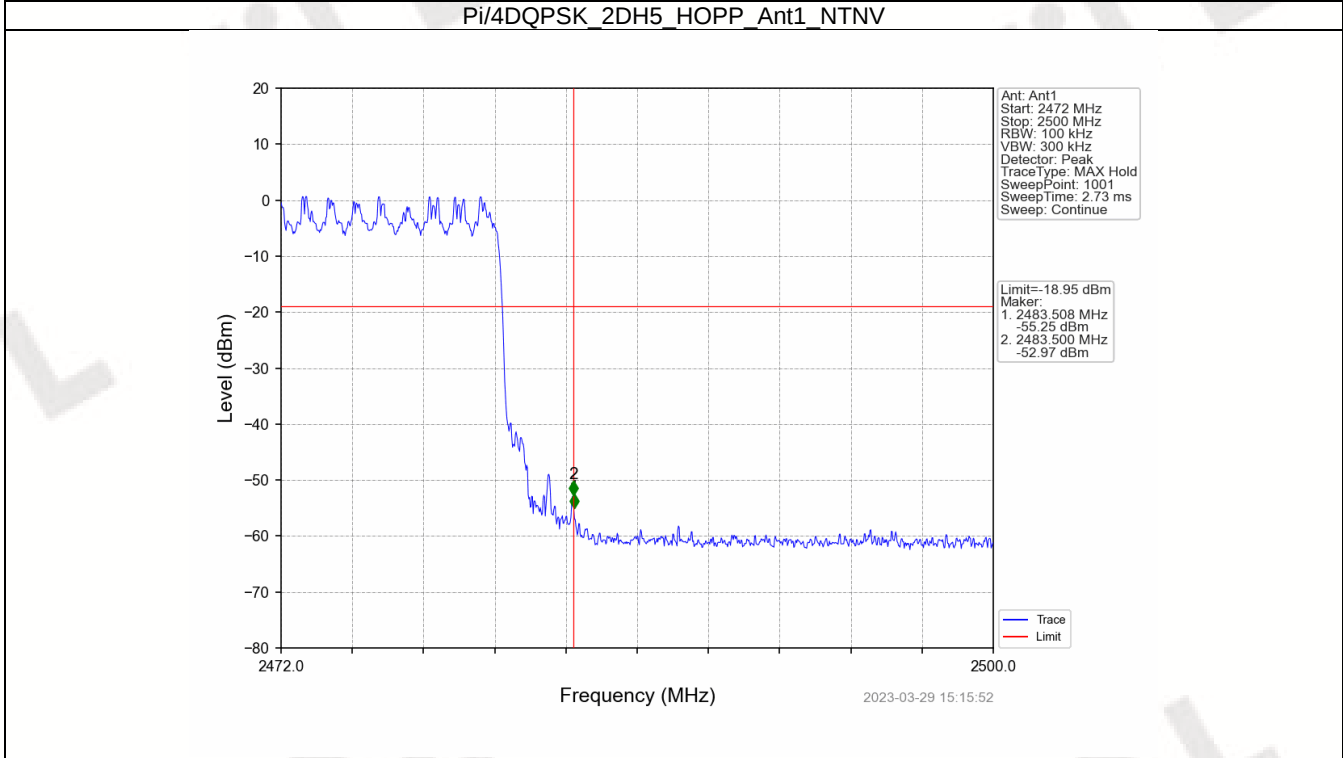
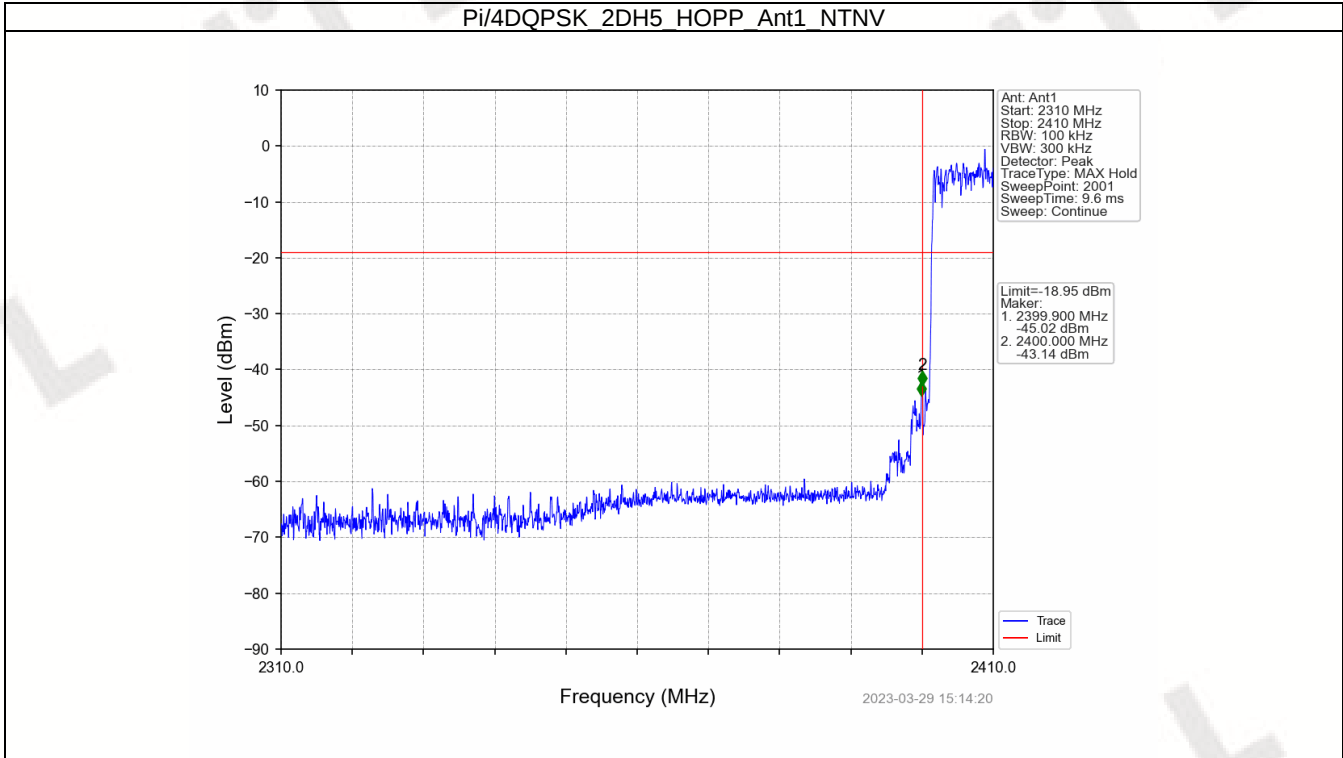


Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV

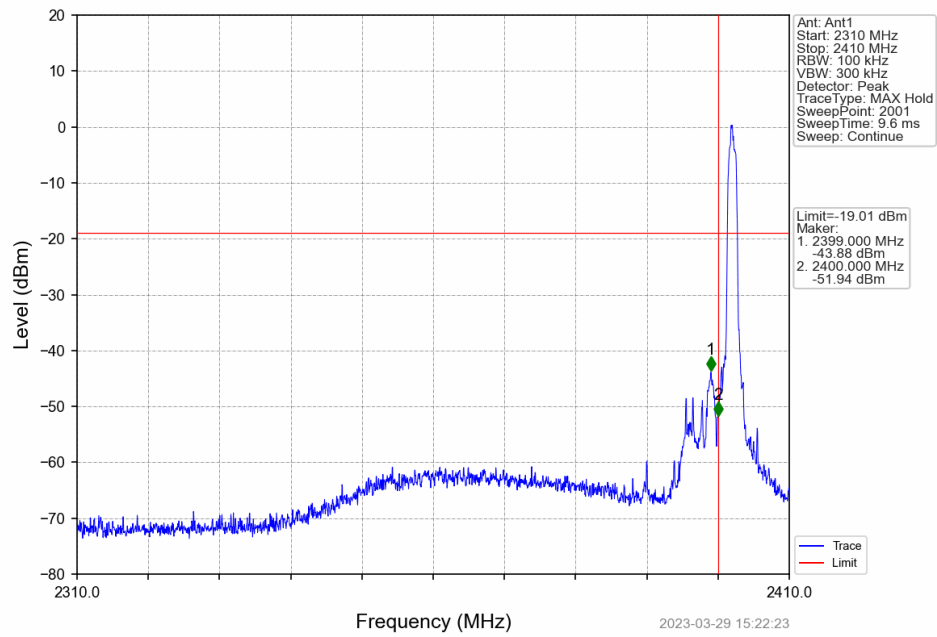


Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV





8DPSK 3DH5 LCH 2402MHz Ant1 NTN



8DPSK 3DH5 LCH 2402MHz Ant1 NTN

