

Appendix: Bluetooth Classic

1. Bandwidth

1.1 Test Result

1.1.1 OBW

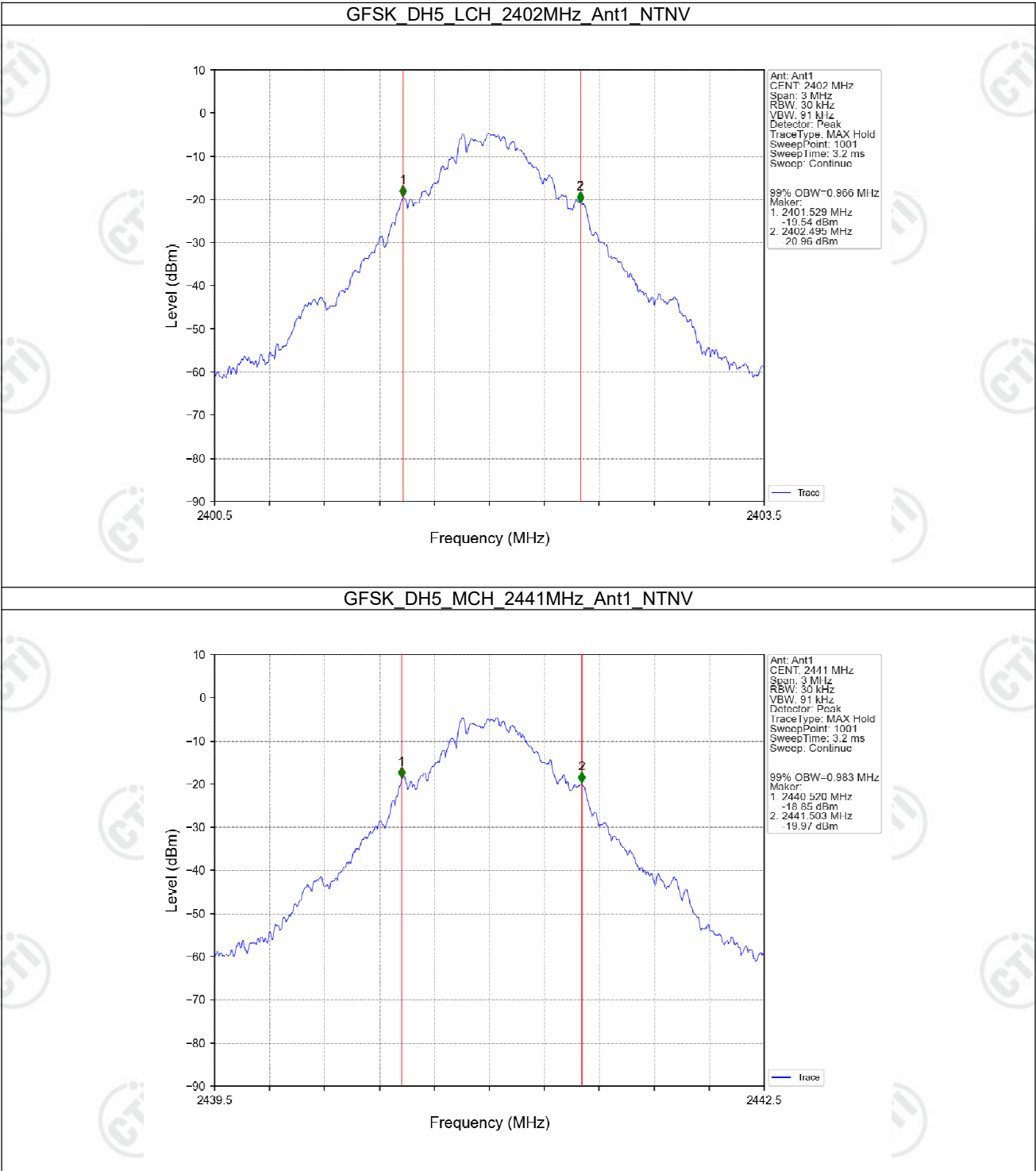
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	99% Occupied Bandwidth (MHz)		Verdict
					Result	Limit	
GFSK	SISO	2402	DH5	1	0.966	/	Pass
		2441	DH5	1	0.983	/	Pass
		2480	DH5	1	0.993	/	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.248	/	Pass
		2441	2DH5	1	1.274	/	Pass
		2480	2DH5	1	1.284	/	Pass
8DPSK	SISO	2402	3DH5	1	1.236	/	Pass
		2441	3DH5	1	1.252	/	Pass
		2480	3DH5	1	1.251	/	Pass

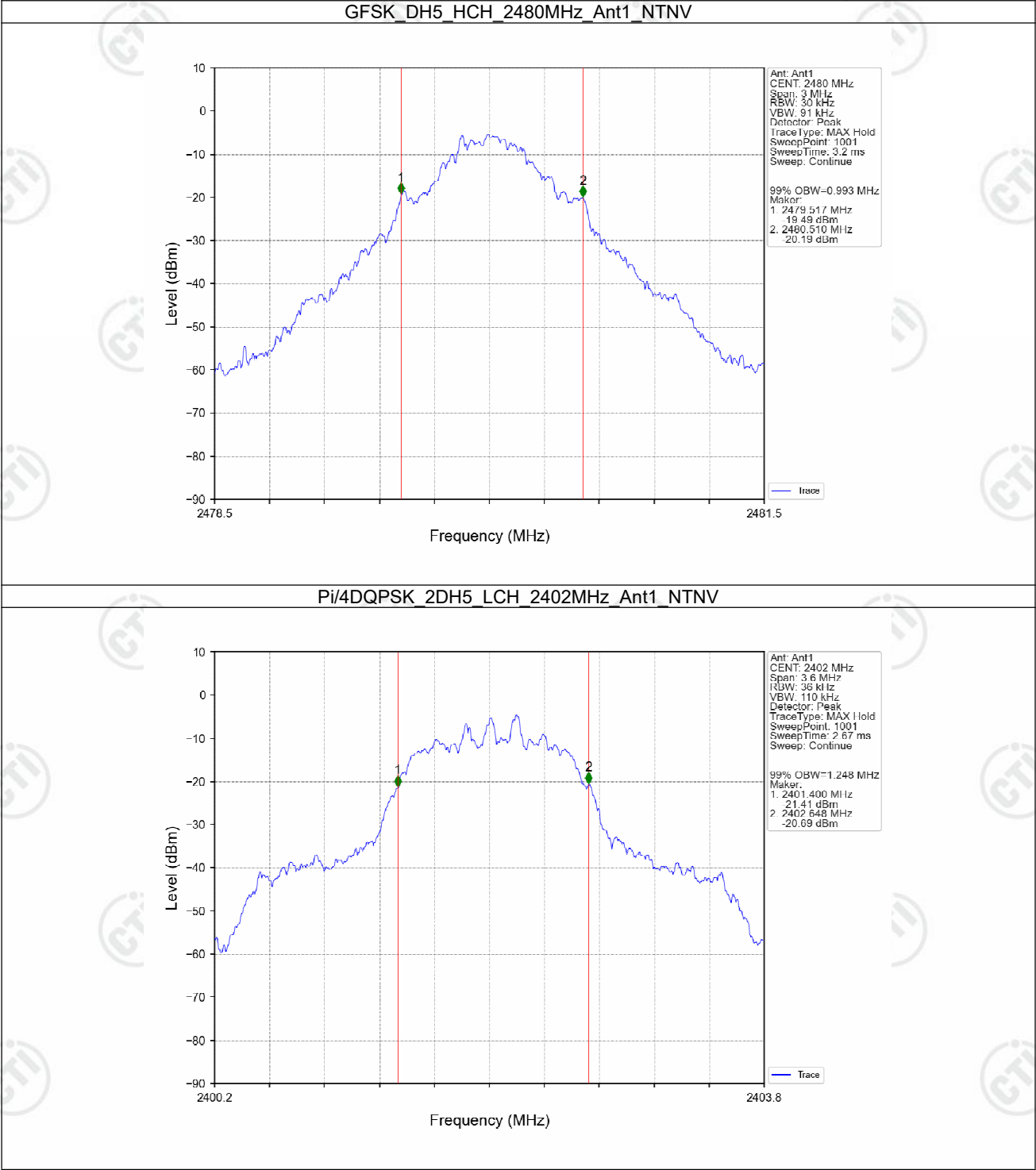
1.1.2 20dB BW

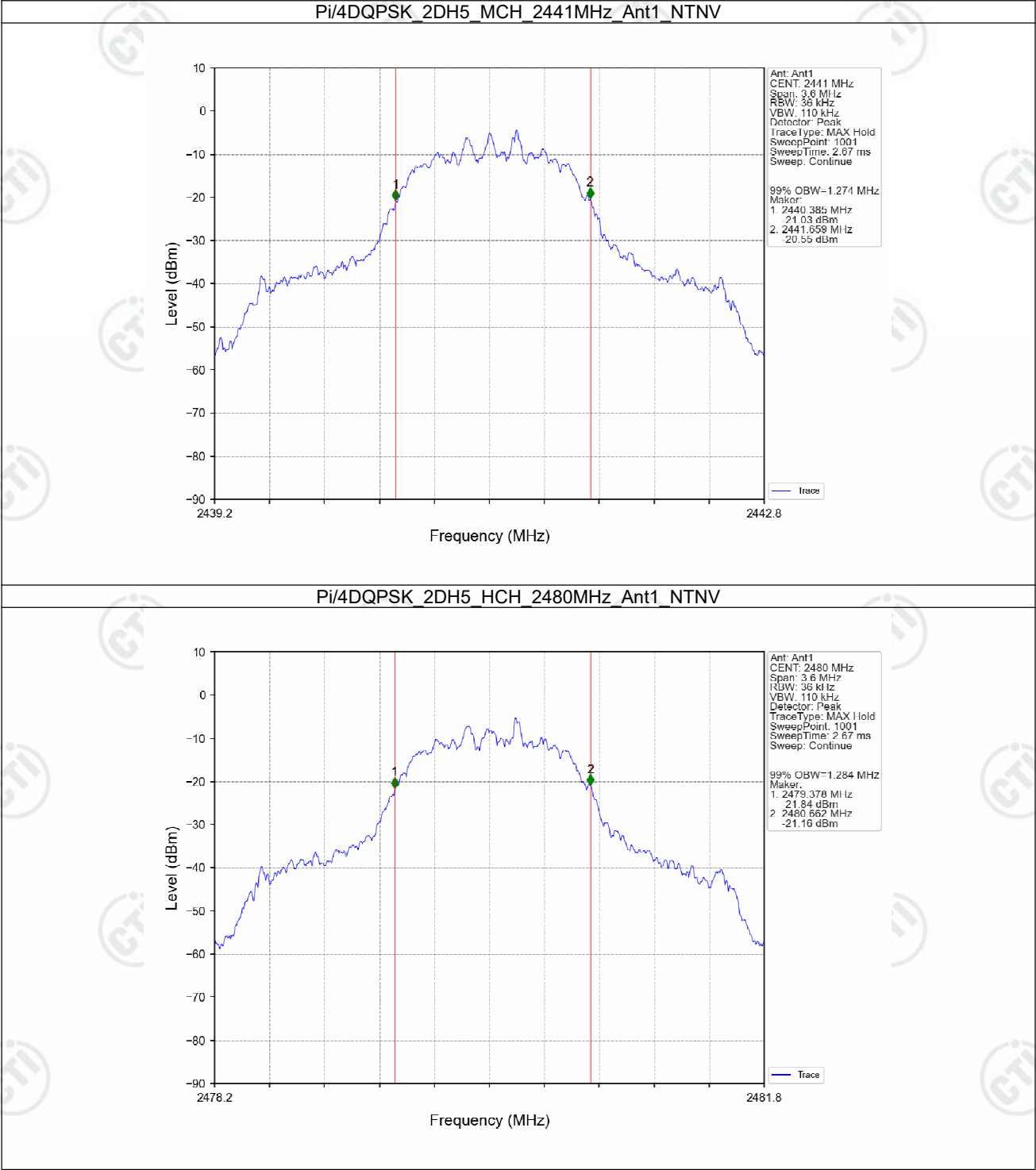
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	20dB Bandwidth (MHz)		Verdict
					Result	Limit	
GFSK	SISO	2402	DH5	1	1.050	/	Pass
		2441	DH5	1	1.056	/	Pass
		2480	DH5	1	1.064	/	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.364	/	Pass
		2441	2DH5	1	1.395	/	Pass
		2480	2DH5	1	1.376	/	Pass
8DPSK	SISO	2402	3DH5	1	1.338	/	Pass
		2441	3DH5	1	1.328	/	Pass
		2480	3DH5	1	1.319	/	Pass

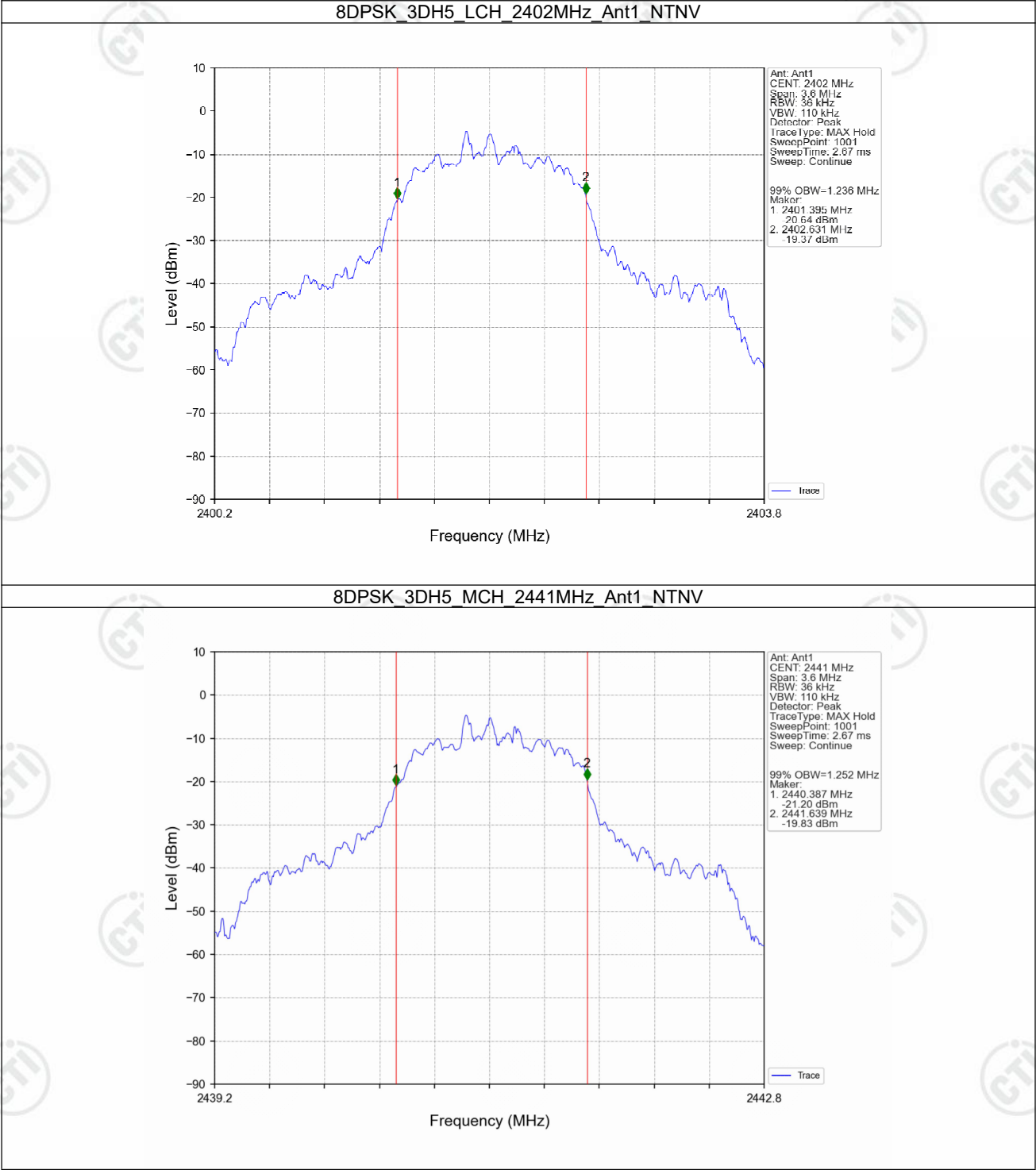
1.2 Test Graph

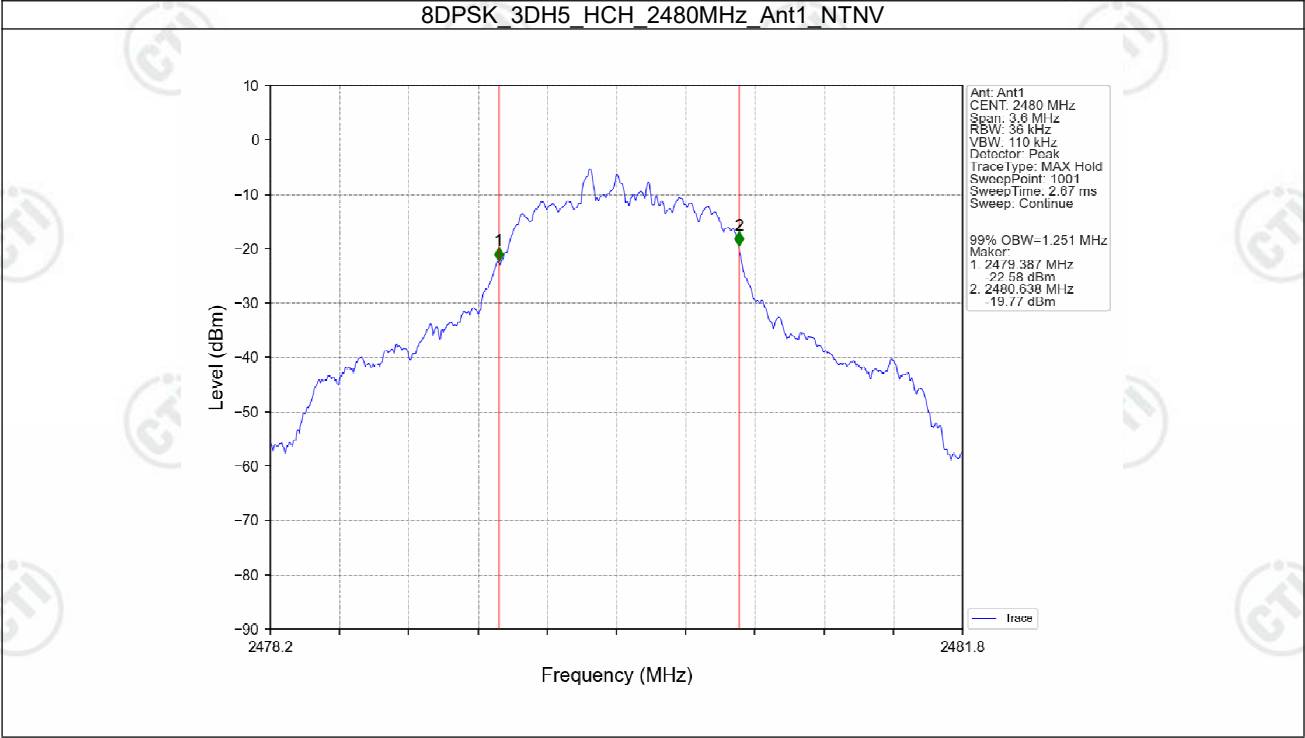
1.2.1 OBW



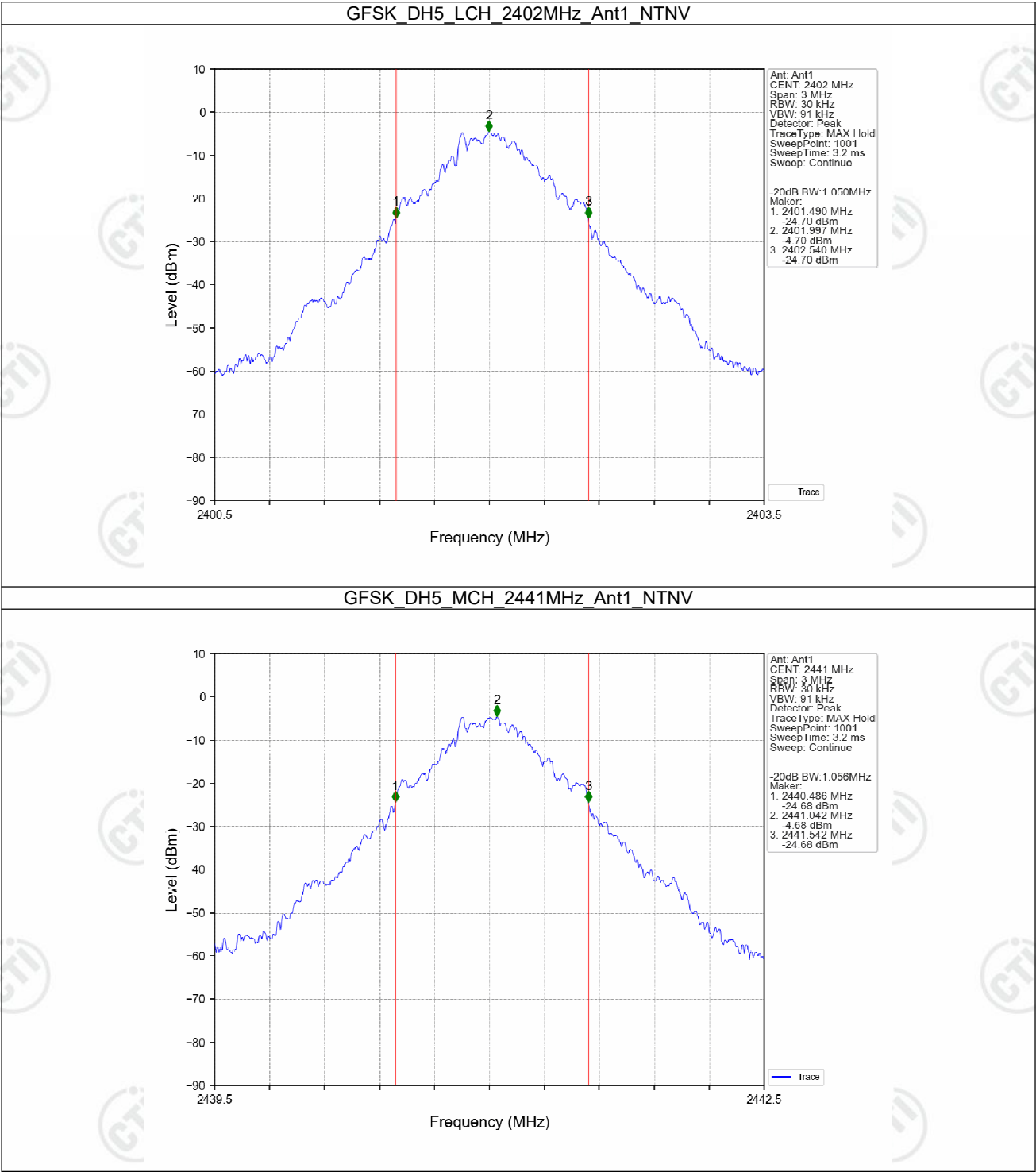


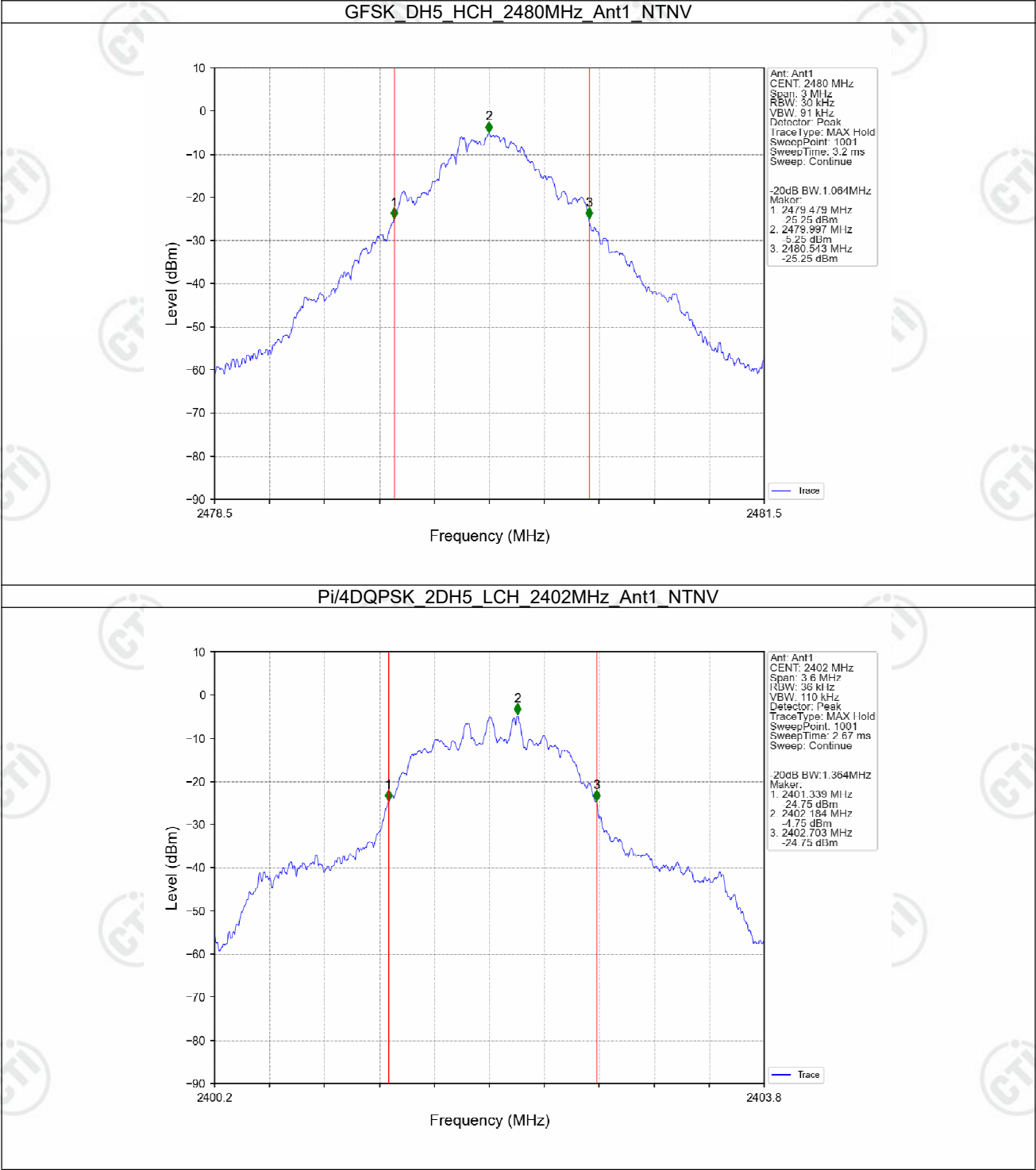


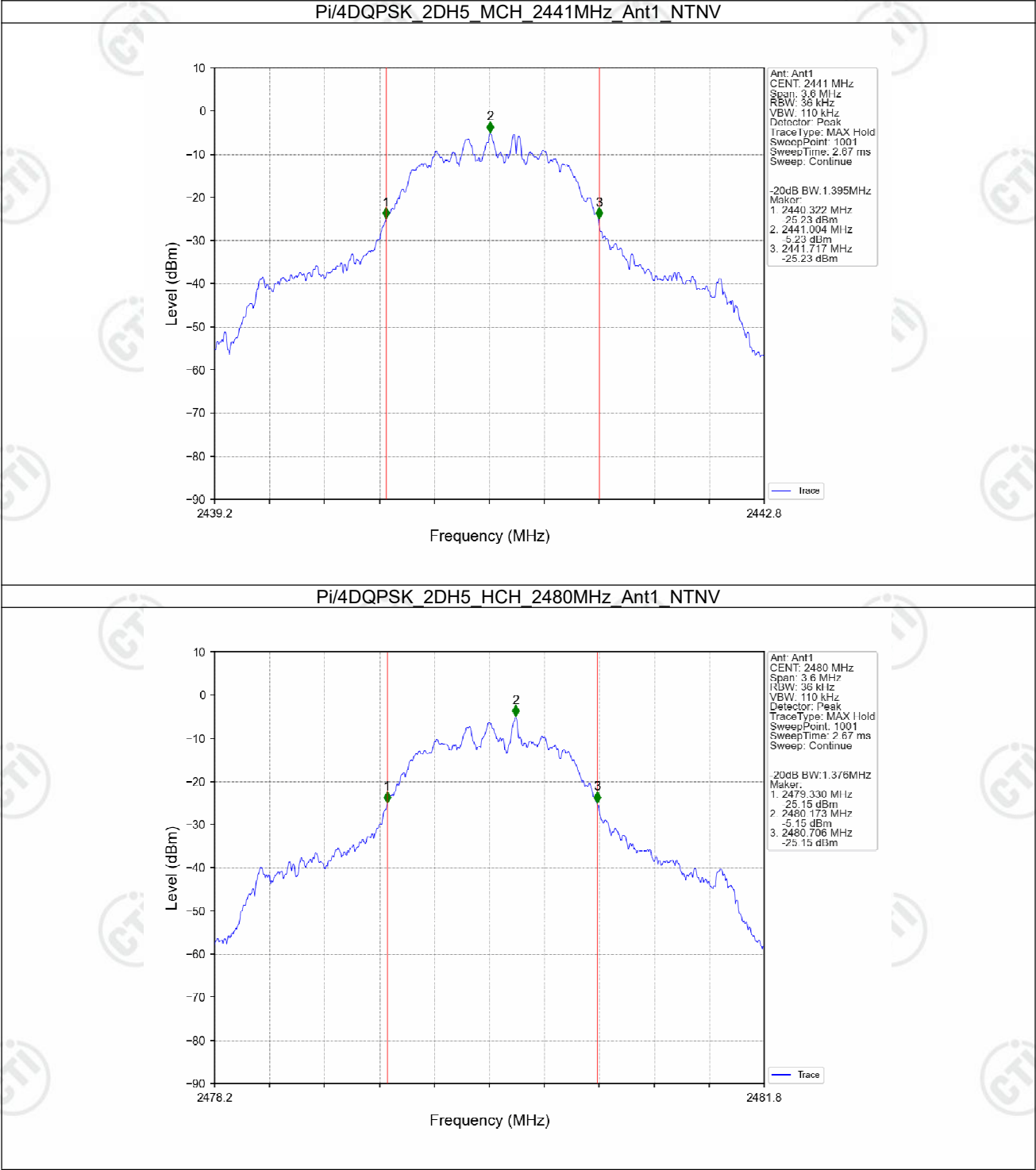


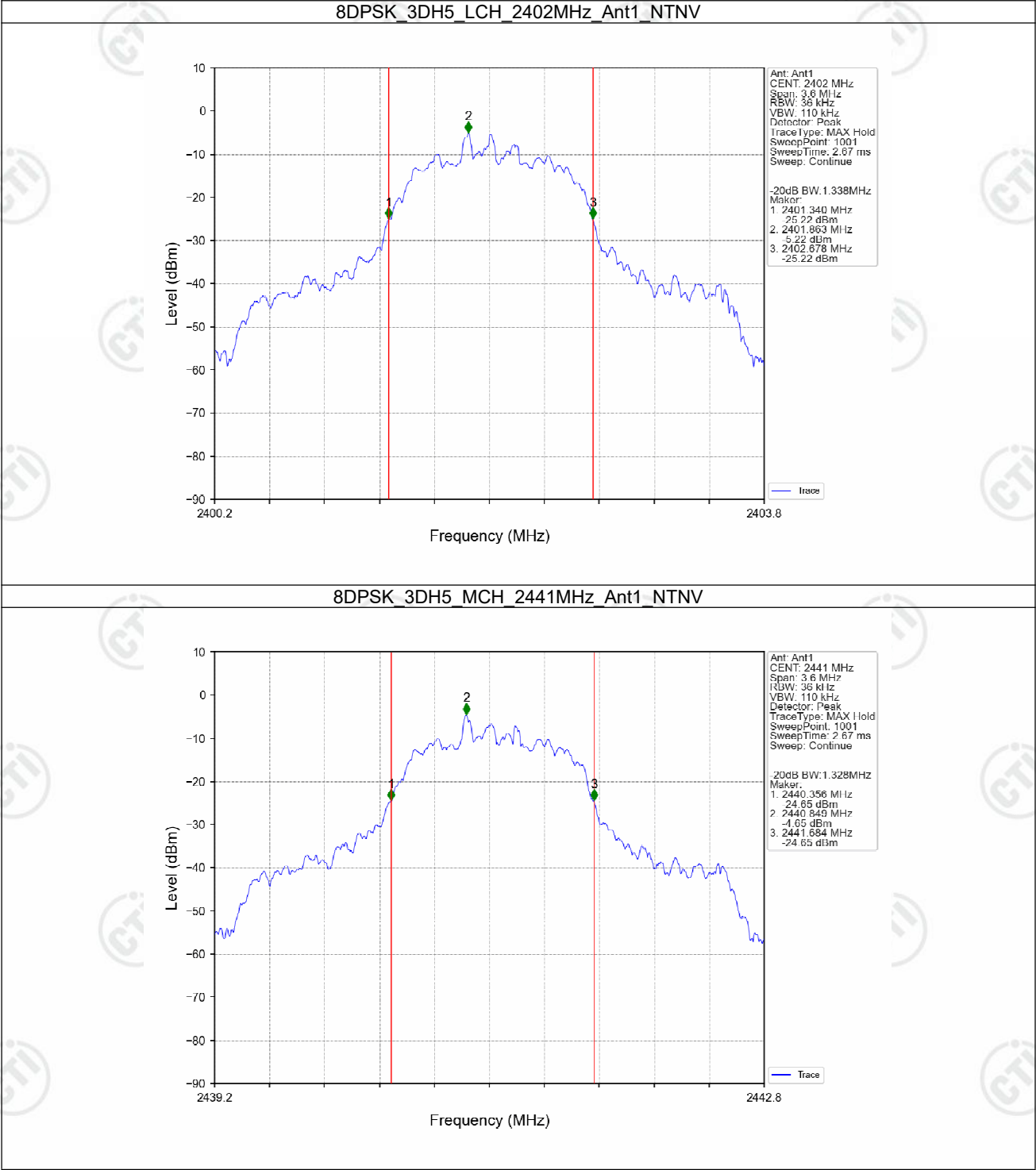


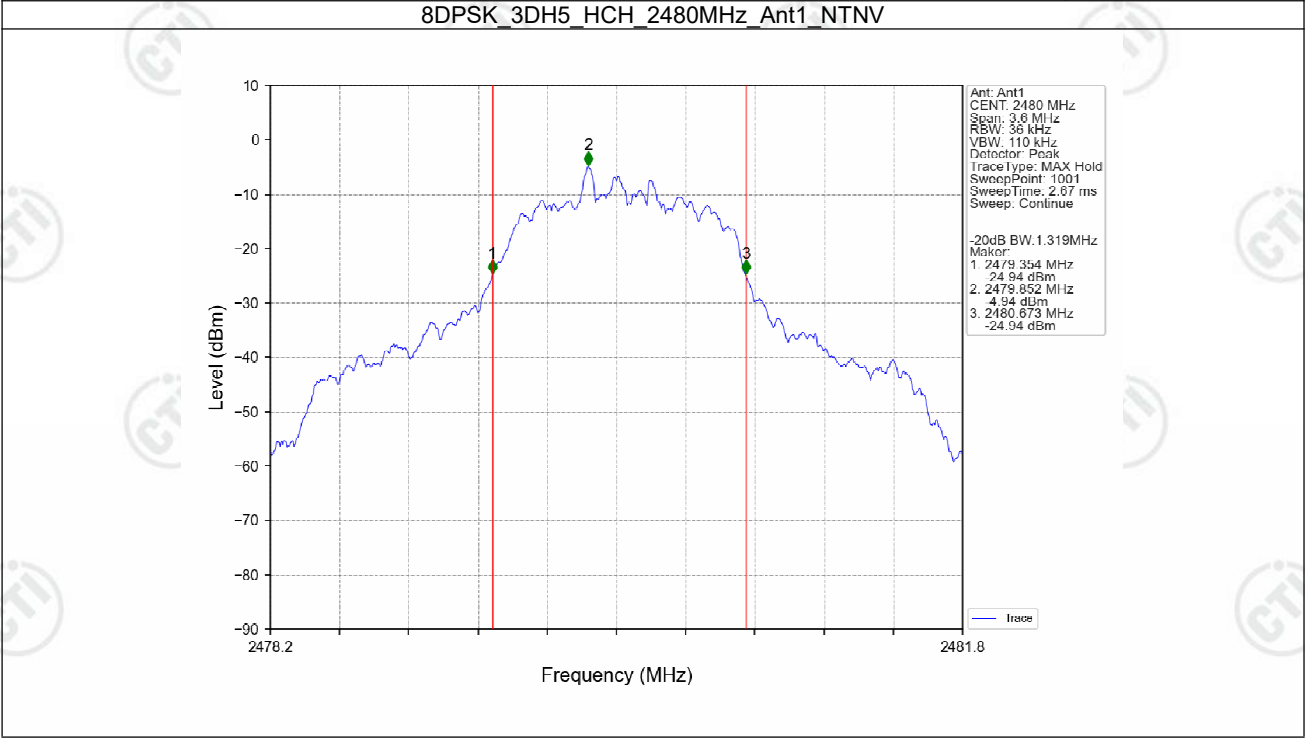
1.2.2 20dB BW











2. Maximum Conducted Output Power

2.1 Test Result

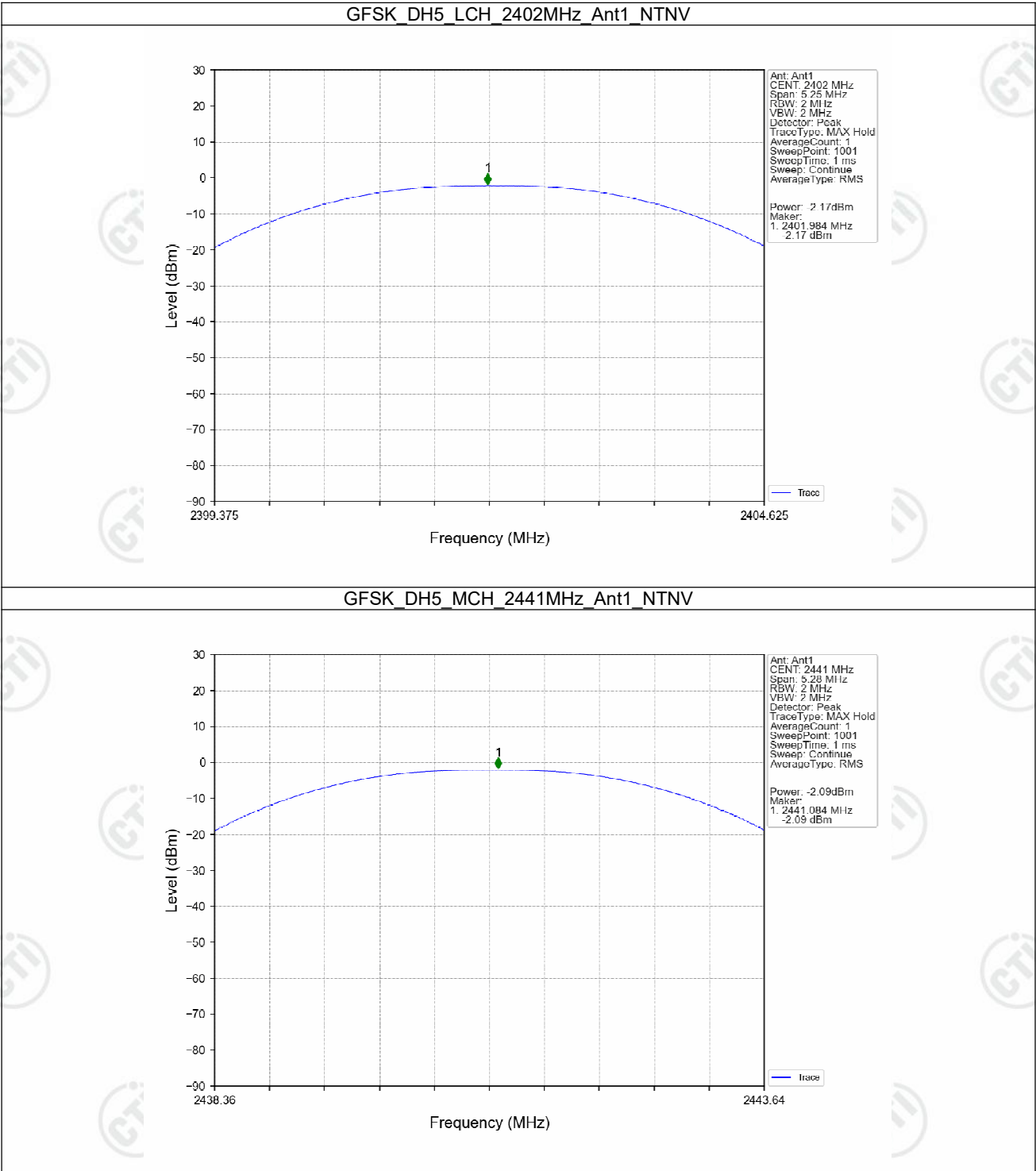
2.1.1 Power

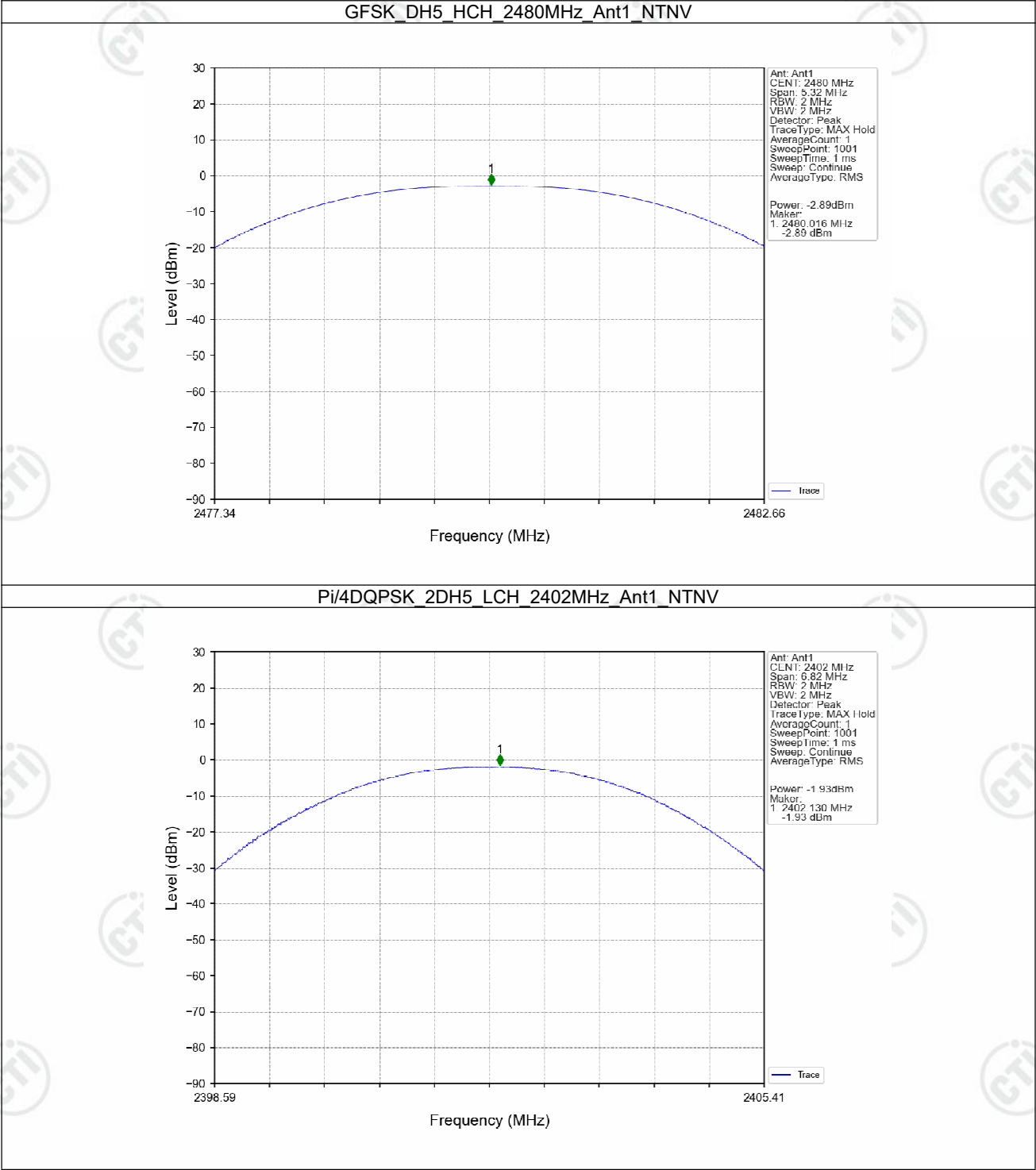
Mode	TX Type	Frequency (MHz)	Packet Type	Maximum Peak Conducted Output Power (dBm)		Verdict
				ANT1	Limit	
GFSK	SISO	2402	DH5	-2.17	<=20.97	Pass
		2441	DH5	-2.09	<=20.97	Pass
		2480	DH5	-2.89	<=20.97	Pass
Pi/4DQPSK	SISO	2402	2DH5	-1.93	<=20.97	Pass
		2441	2DH5	-1.73	<=20.97	Pass
		2480	2DH5	-2.26	<=20.97	Pass
8DPSK	SISO	2402	3DH5	-1.83	<=20.97	Pass
		2441	3DH5	-1.57	<=20.97	Pass
		2480	3DH5	-2.12	<=20.97	Pass

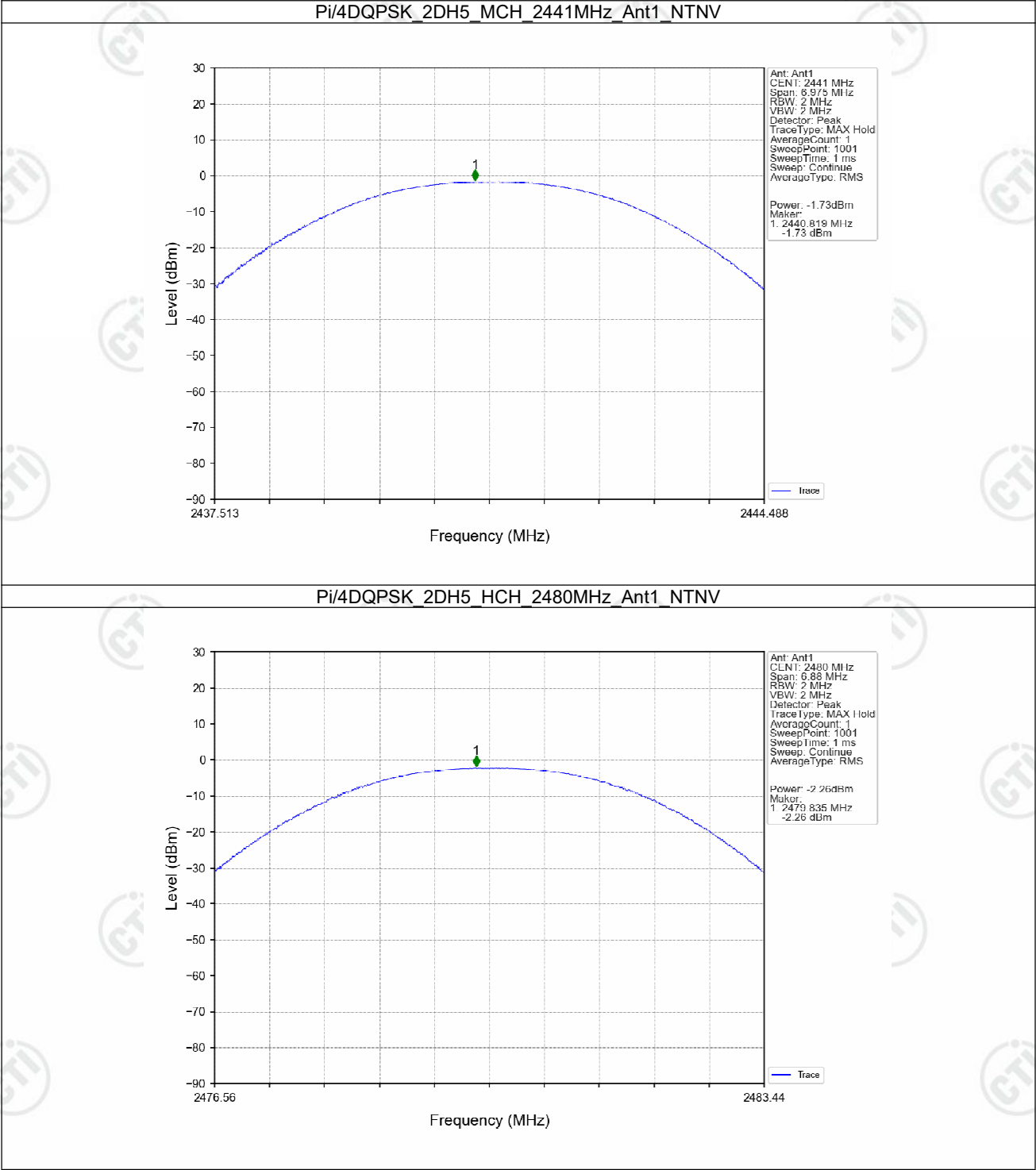
Note1: Antenna Gain: Ant1: 2.34dBi;

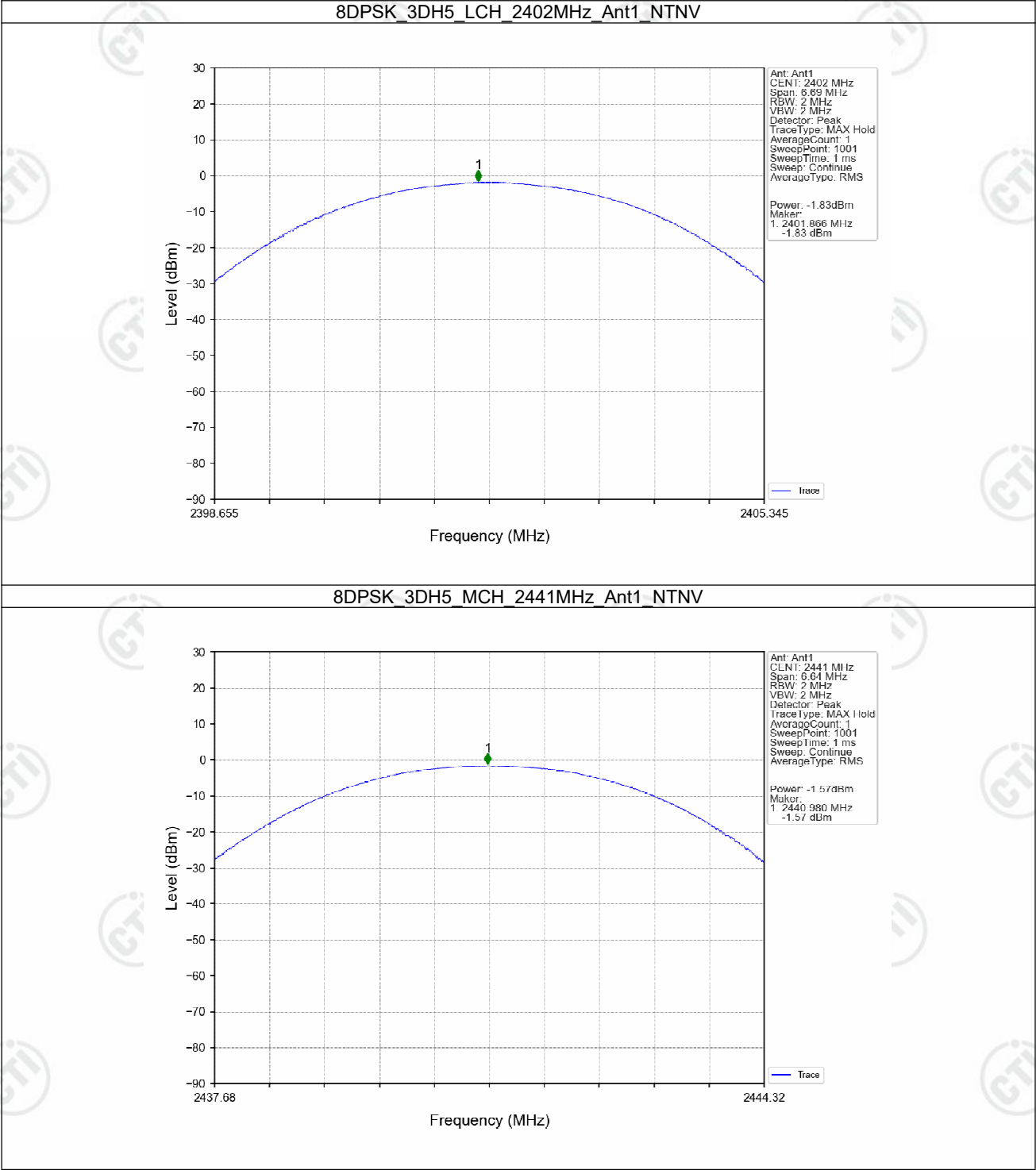
2.2 Test Graph

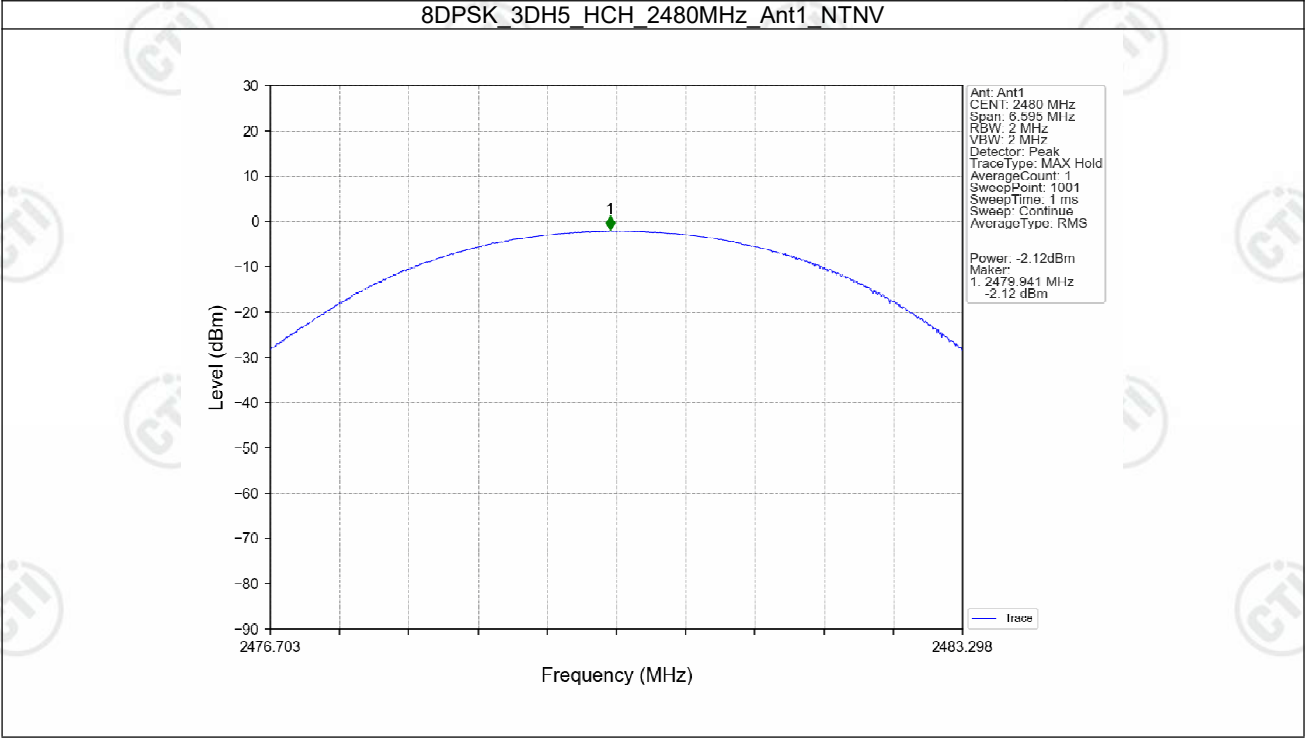
2.2.1 Power











3. Carrier Frequency Separation

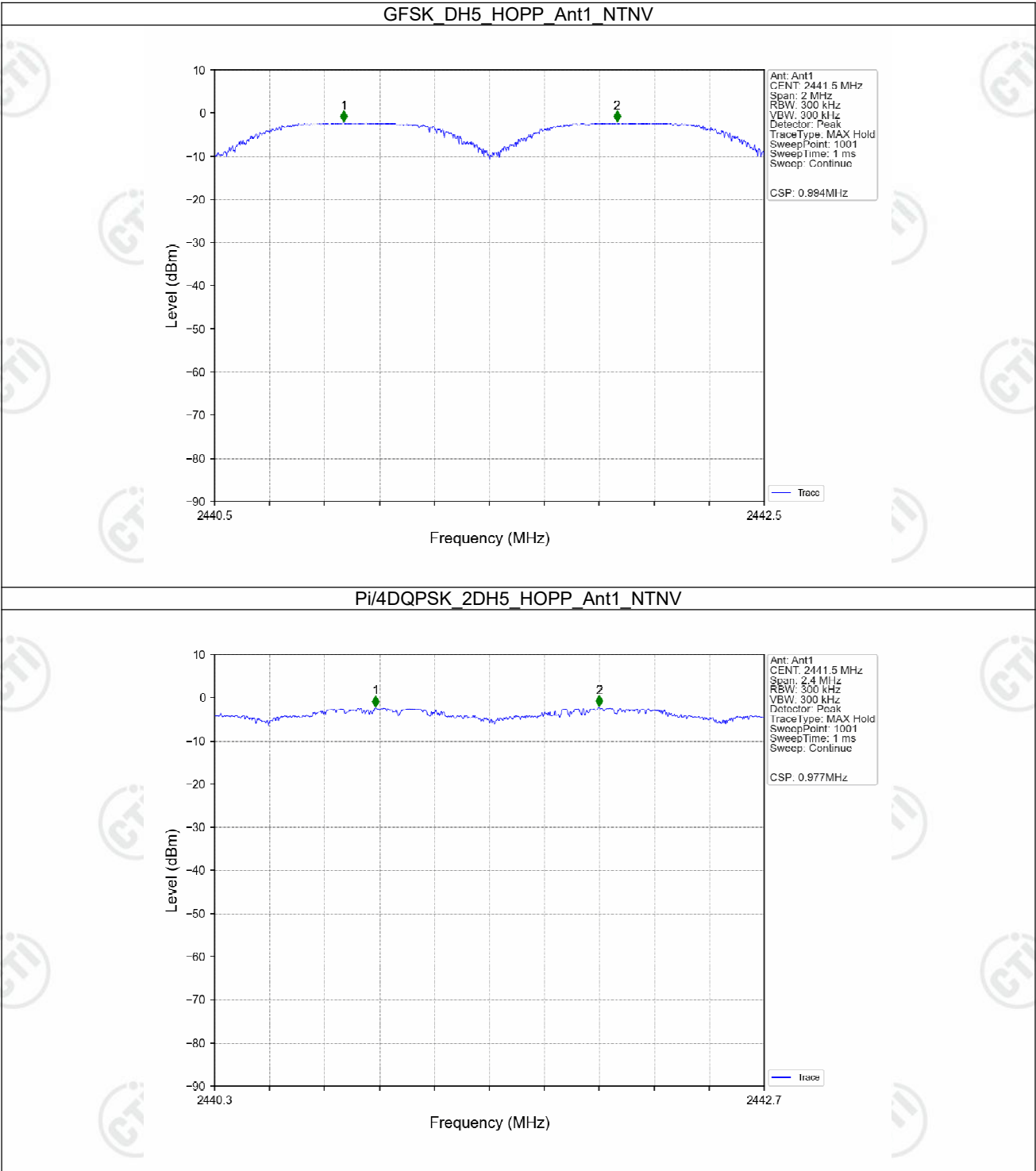
3.1 Test Result

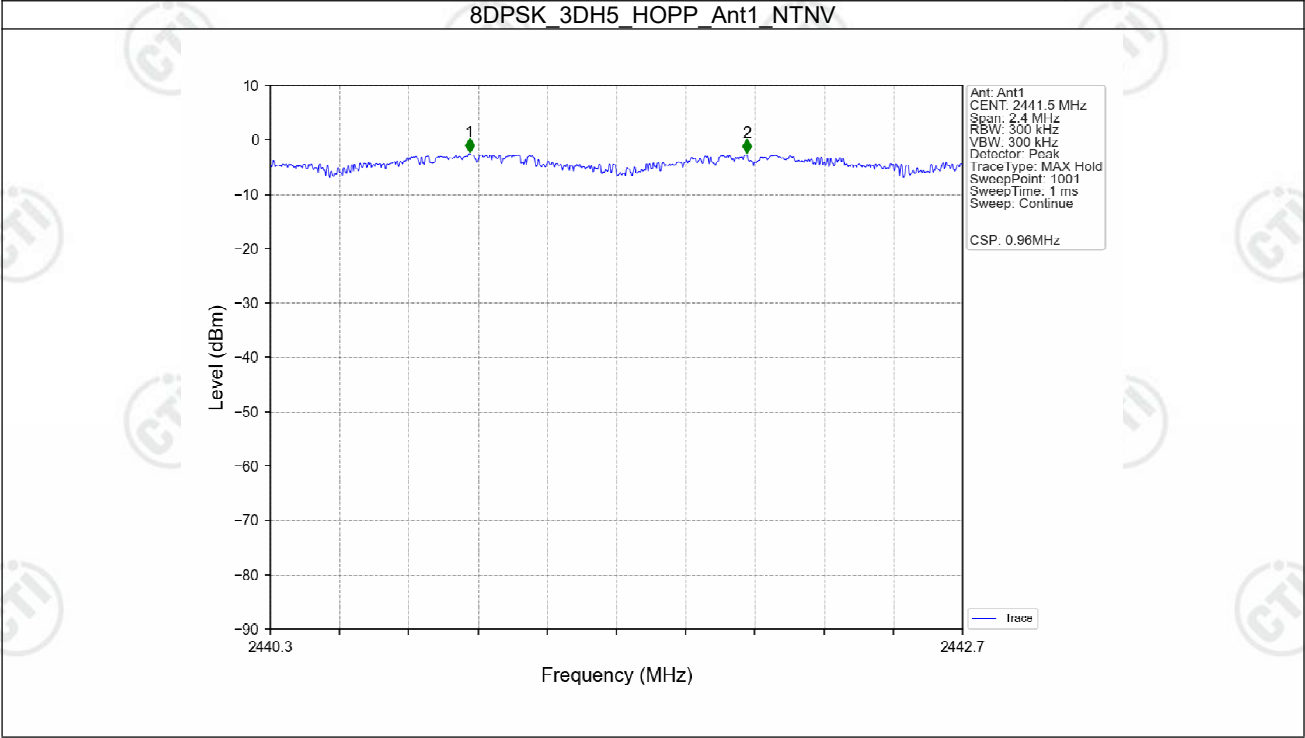
3.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	Packet Type	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
GFSK	SISO	HOPP	DH5	0.994	1.064	≥ 0.709	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	0.977	1.395	≥ 0.93	Pass
8DPSK	SISO	HOPP	3DH5	0.960	1.338	≥ 0.892	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