

Appendix: Bluetooth Classic

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7. Form73133

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1. Bandwidth

1.1 Test Result

1.1.1 OBW

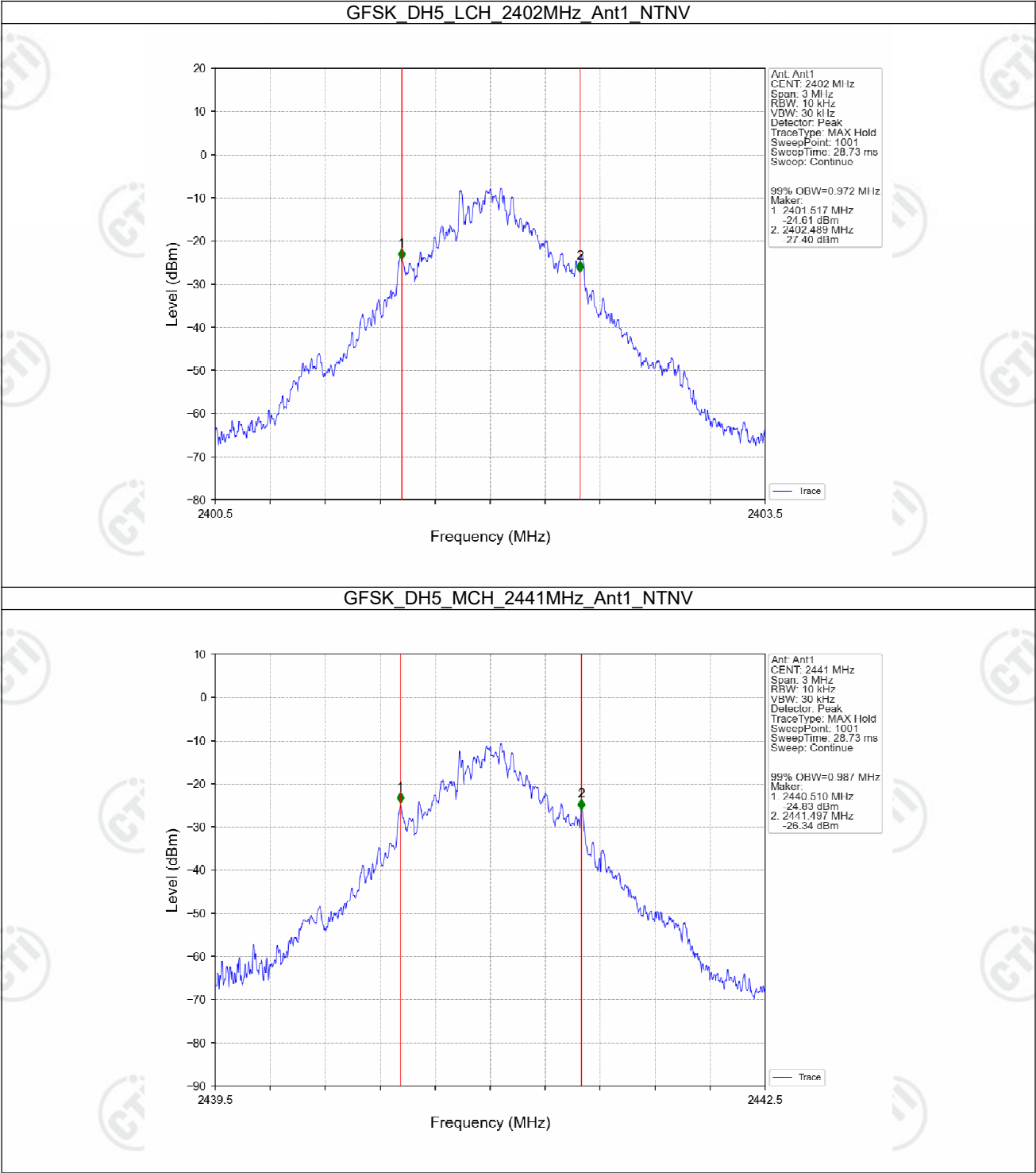
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	99% Occupied Bandwidth (MHz)		Verdict
					Result	Limit	
GFSK	SISO	2402	DH5	1	0.972	/	Pass
		2441	DH5	1	0.987	/	Pass
		2480	DH5	1	0.989	/	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.223	/	Pass
		2441	2DH5	1	1.237	/	Pass
		2480	2DH5	1	1.256	/	Pass

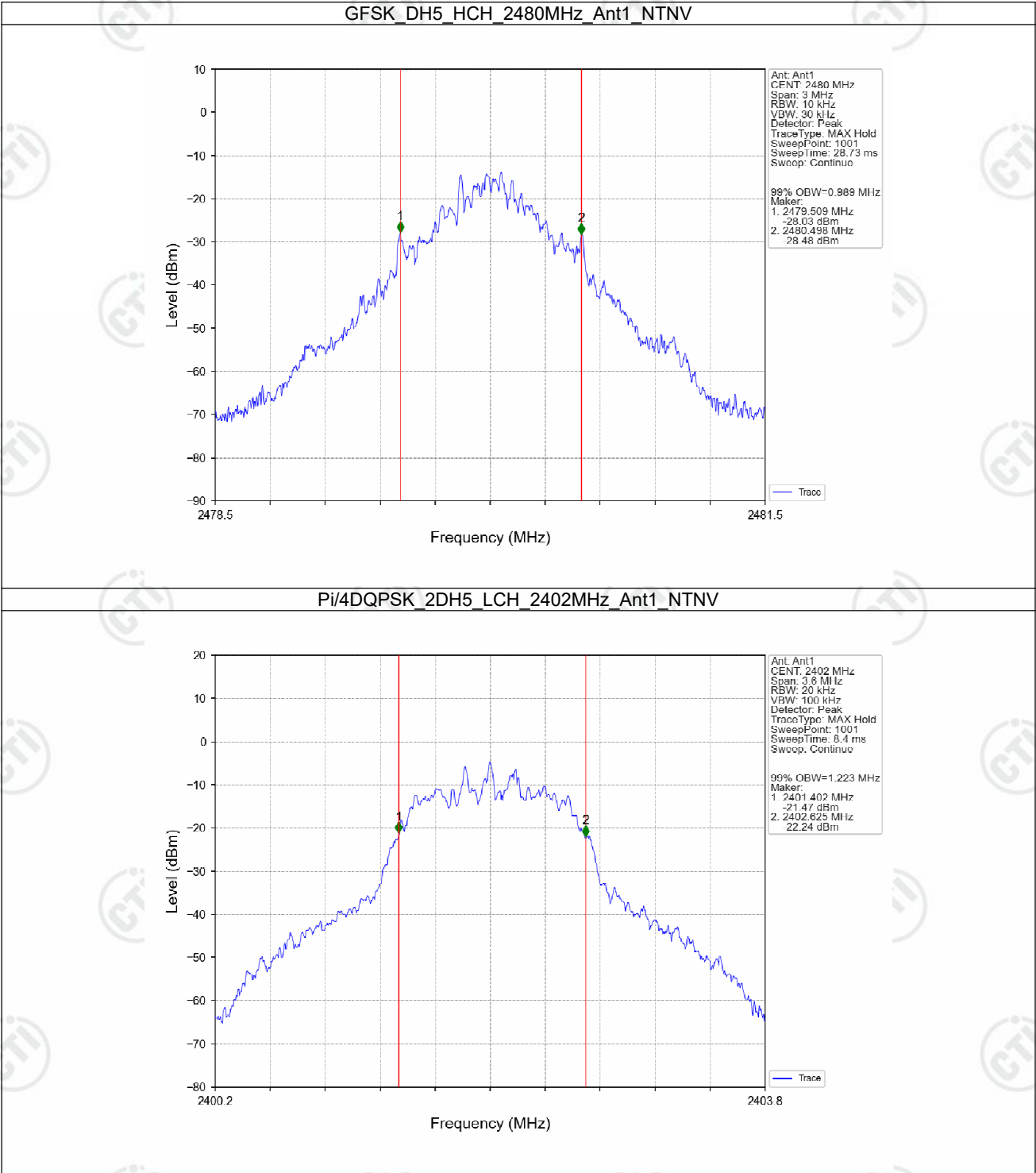
1.1.2 20dB BW

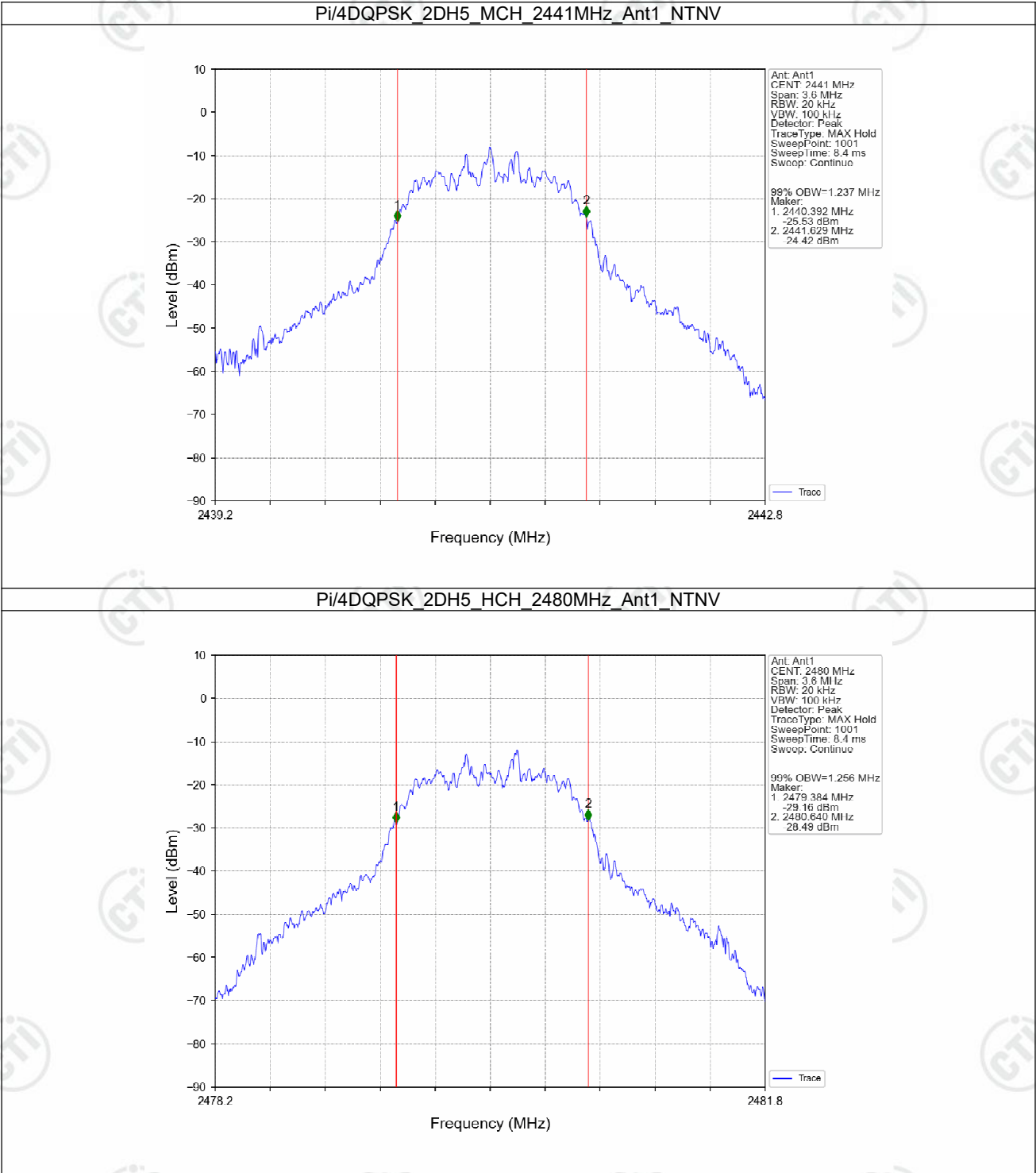
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	20dB Bandwidth (MHz)		Verdict
					Result	Limit	
GFSK	SISO	2402	DH5	1	1.030	/	Pass
		2441	DH5	1	1.032	/	Pass
		2480	DH5	1	1.032	/	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.332	/	Pass
		2441	2DH5	1	1.335	/	Pass
		2480	2DH5	1	1.340	/	Pass

1.2 Test Graph

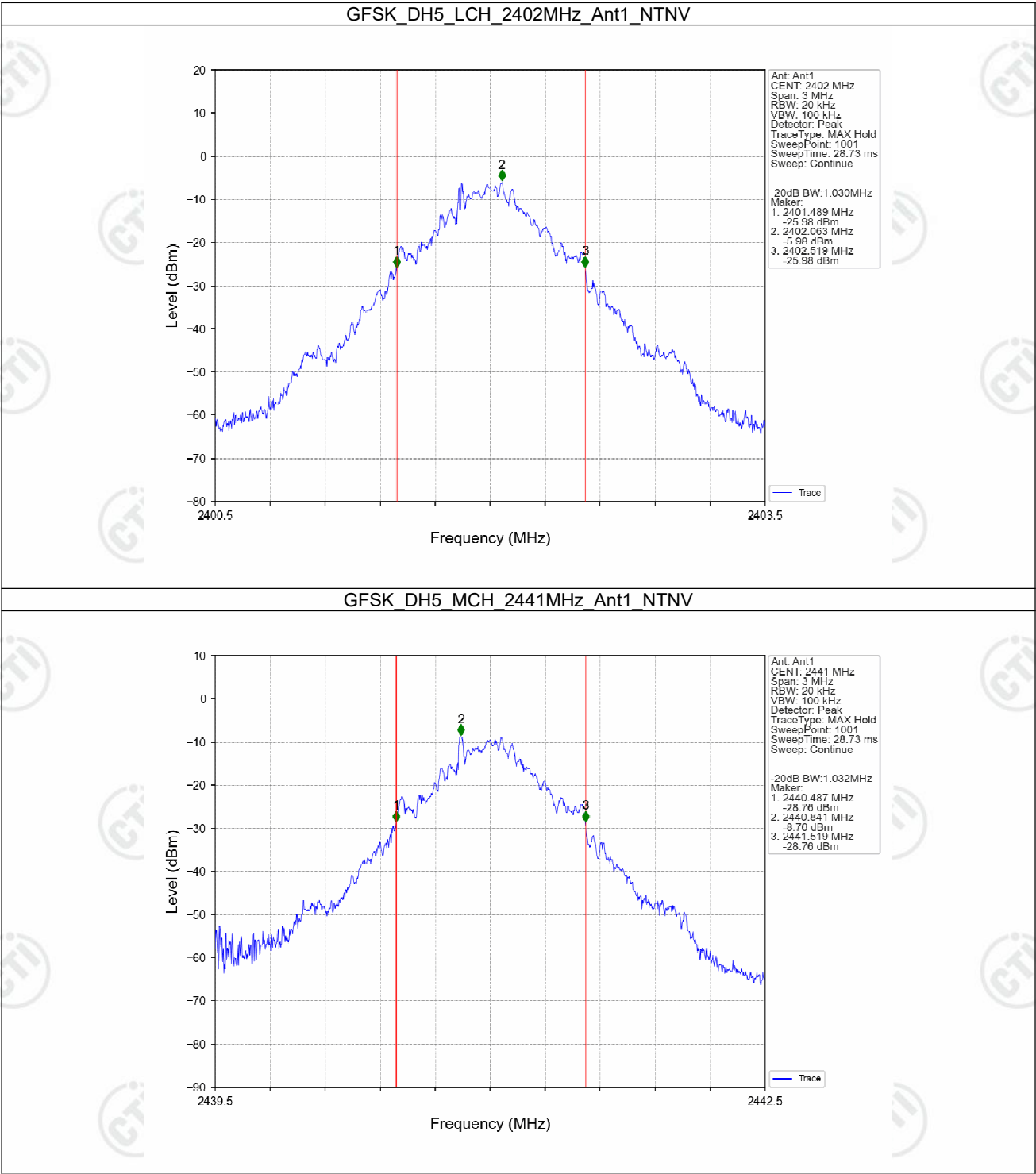
1.2.1 OBW

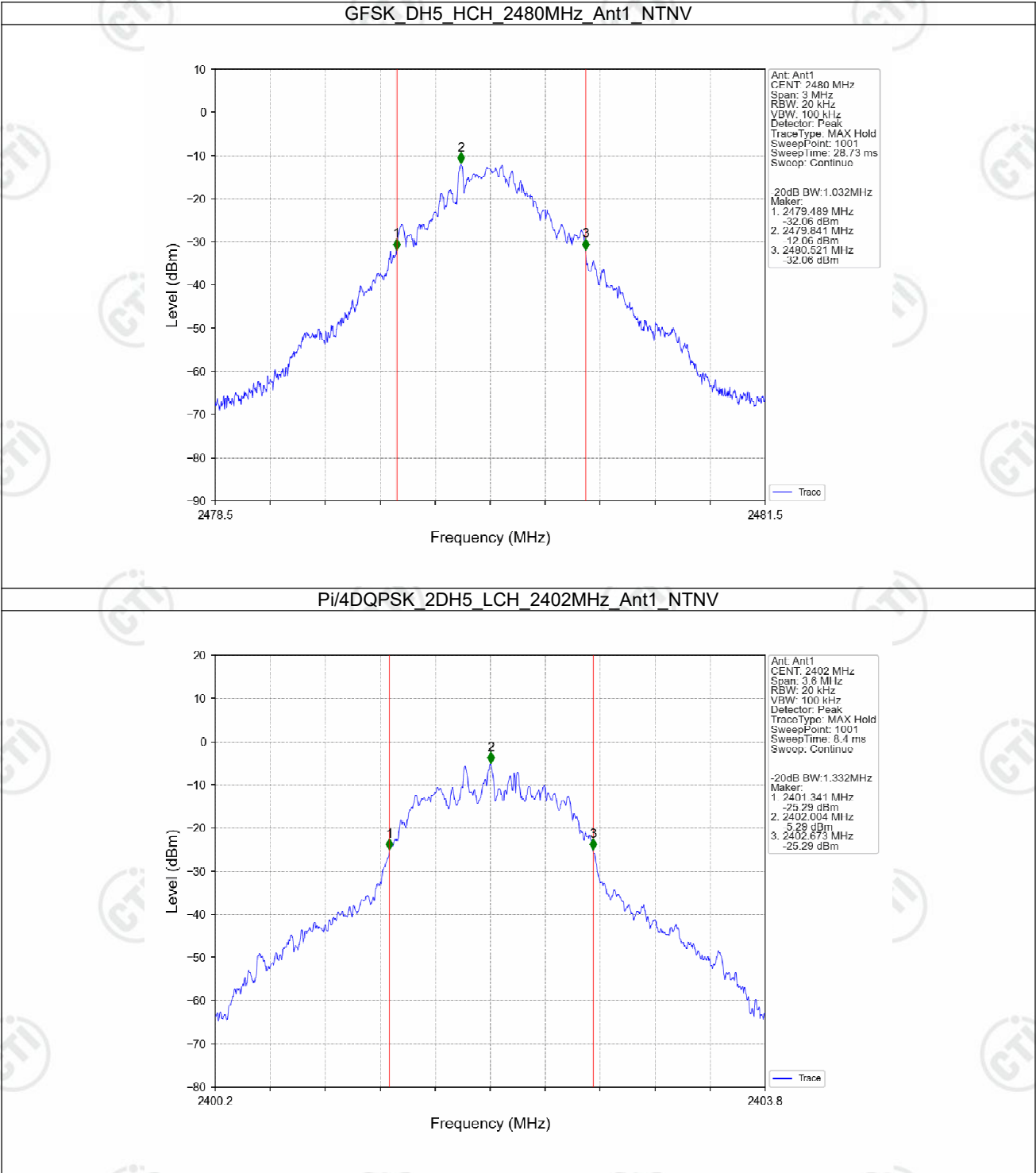


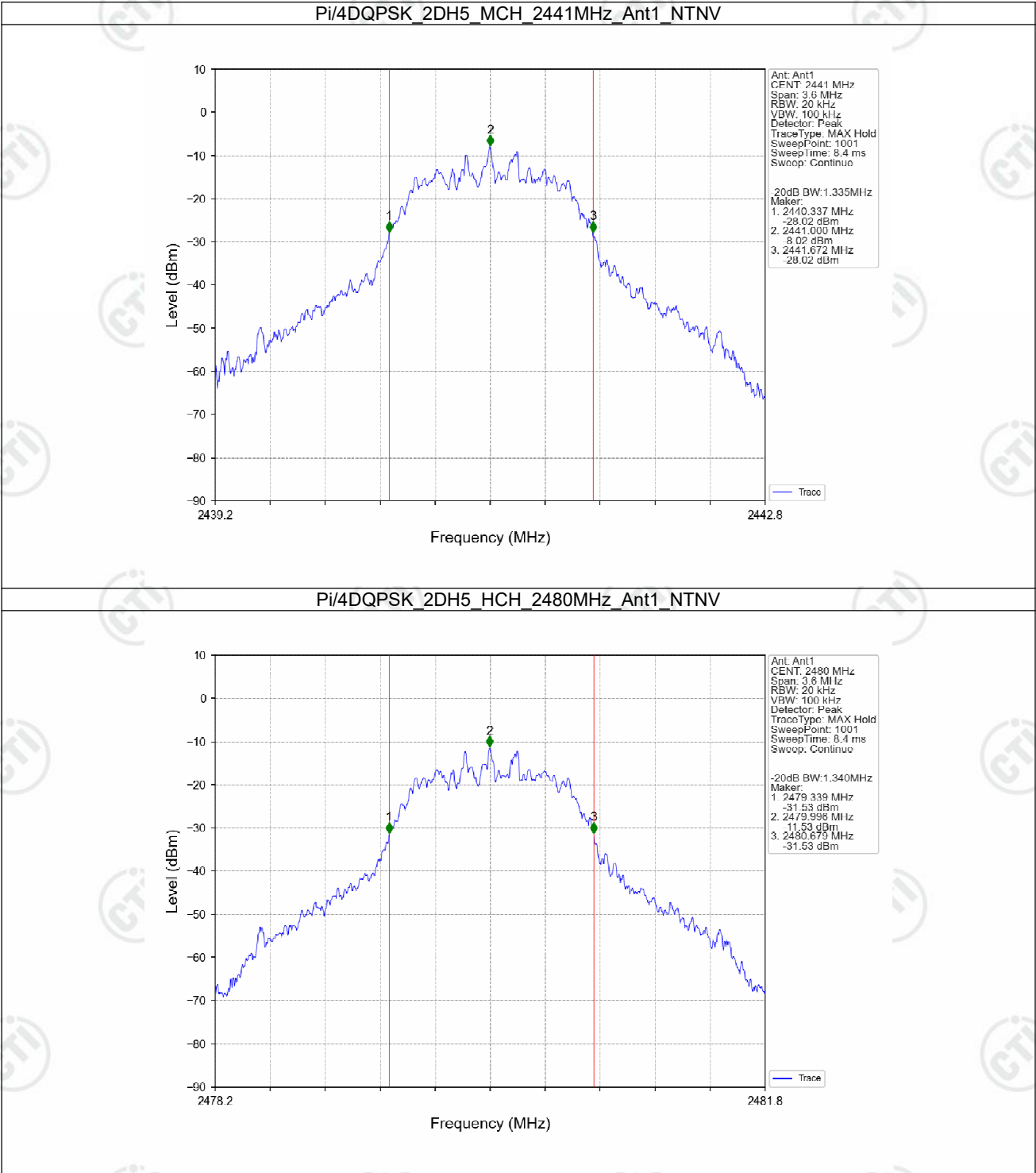




1.2.2 20dB BW







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	-2.20	<=20.97	Pass
		2441	DH5	-5.05	<=20.97	Pass
		2480	DH5	-8.13	<=20.97	Pass
Pi/4DQPSK	SISO	2402	2DH5	0.03	<=20.97	Pass
		2441	2DH5	-2.85	<=20.97	Pass
		2480	2DH5	-5.93	<=20.97	Pass

Note1: Antenna Gain: Ant1: -0.58dBi;

3. Carrier Frequency Separation

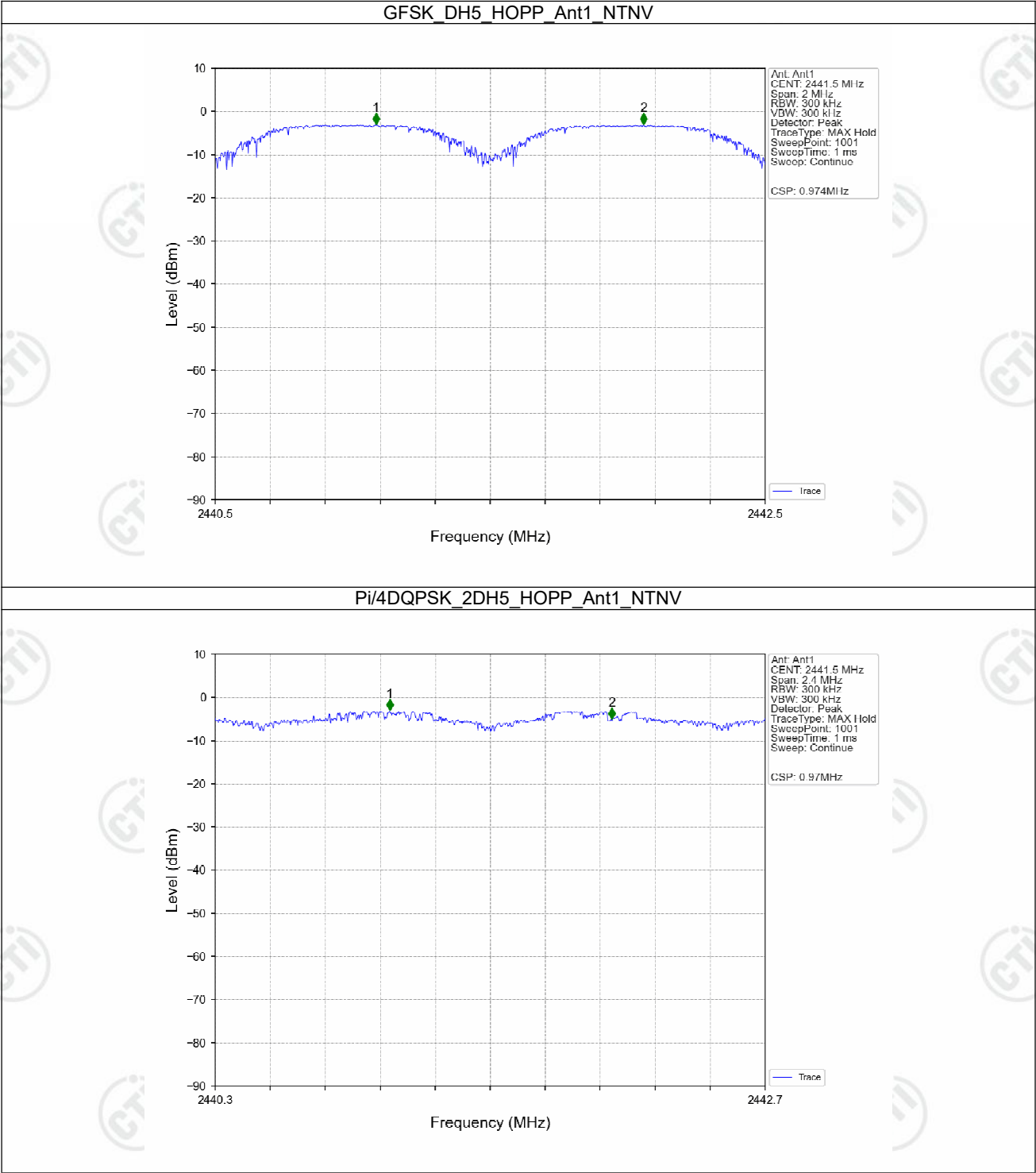
3.1 Test Result

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	0.974	1.032	>=0.688	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	0.970	1.340	>=0.893	Pass

3.2 Test Graph

3.2.1 Ant1



4. Number of Hopping Frequencies

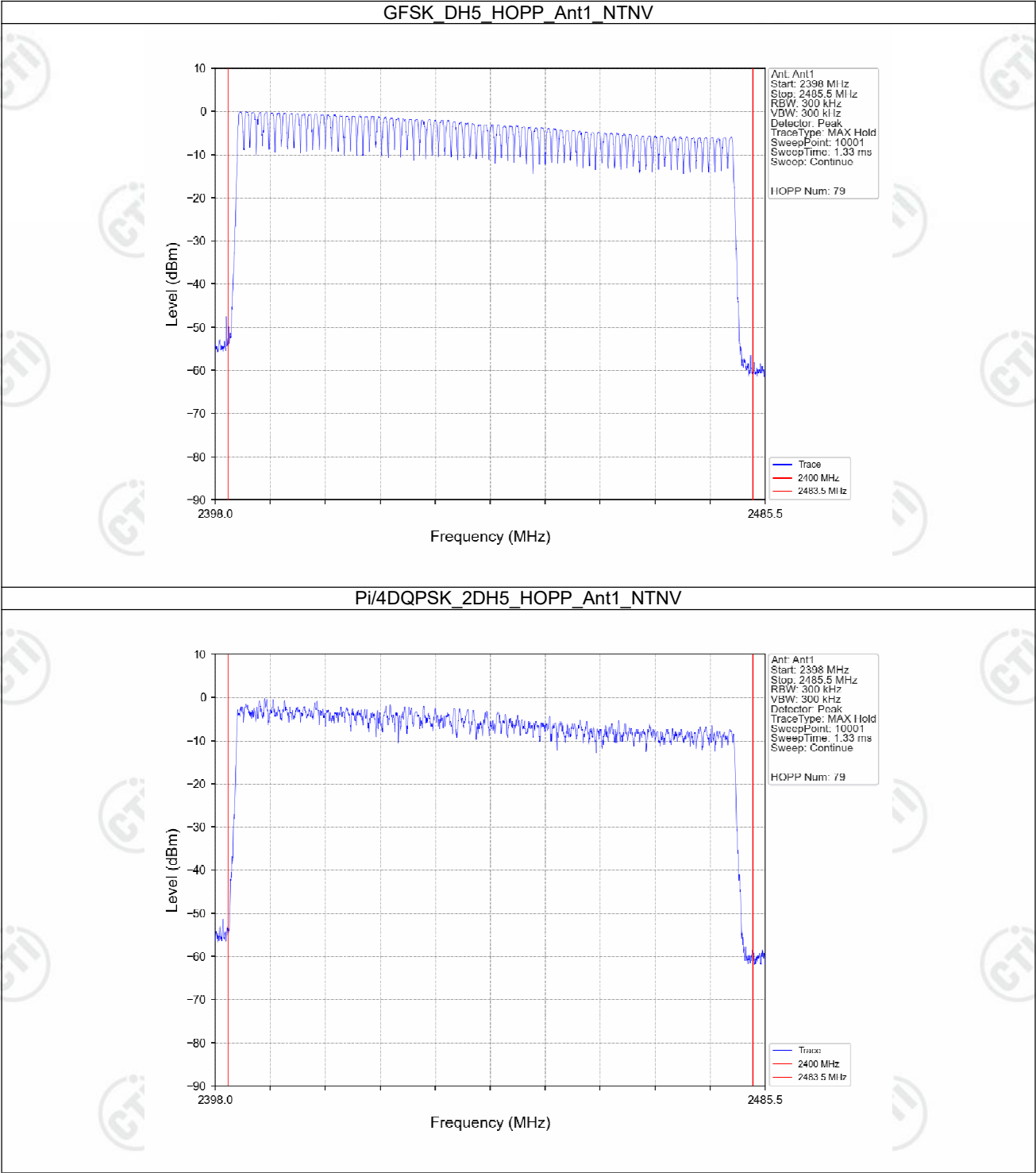
4.1 Test Result

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

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	0.388	31.600	319	123.772	<=400	Pass
			DH3	1.644	31.600	152	249.888	<=400	Pass
			DH5	2.888	31.600	121	349.448	<=400	Pass
Pi/4DQPSK	SISO	HOPP	2DH1	0.396	31.600	320	126.720	<=400	Pass
			2DH3	1.650	31.600	155	255.750	<=400	Pass
			2DH5	2.898	31.600	126	365.148	<=400	Pass

5.2 Test Graph

5.2.1 Ant1

