

Appendix: Bluetooth Classic

1. Bandwidth

1.1 Test Result

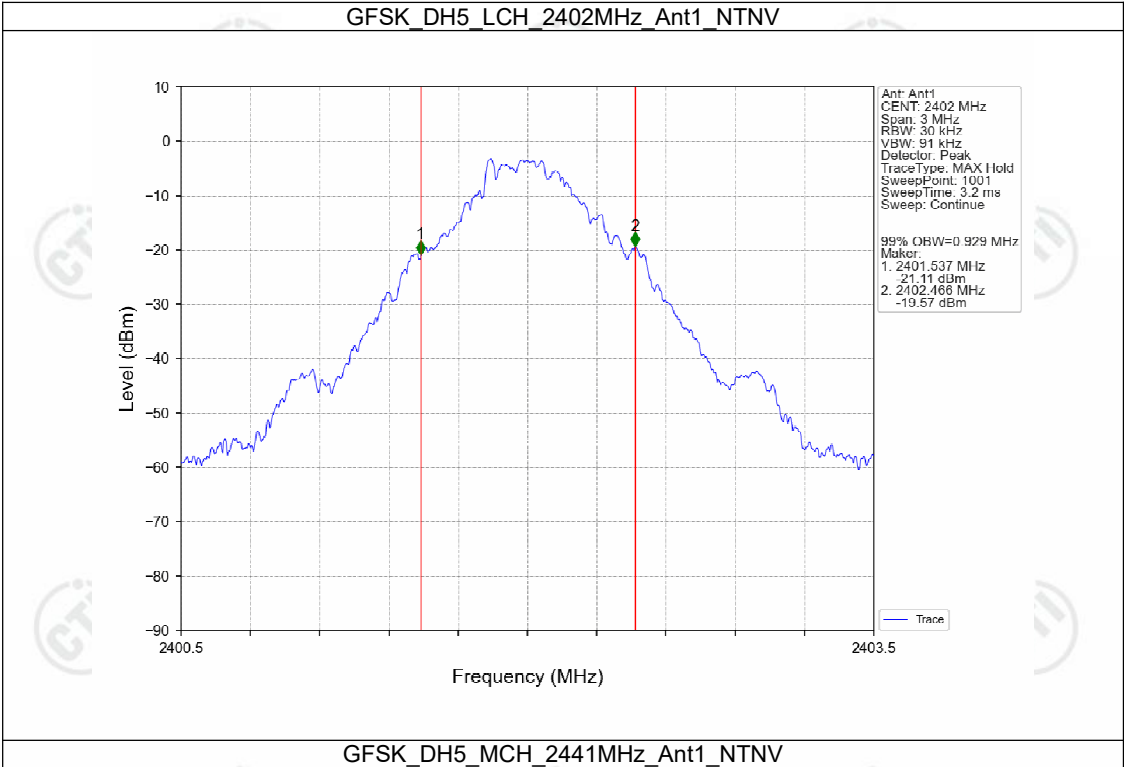
1.1.1 OBW

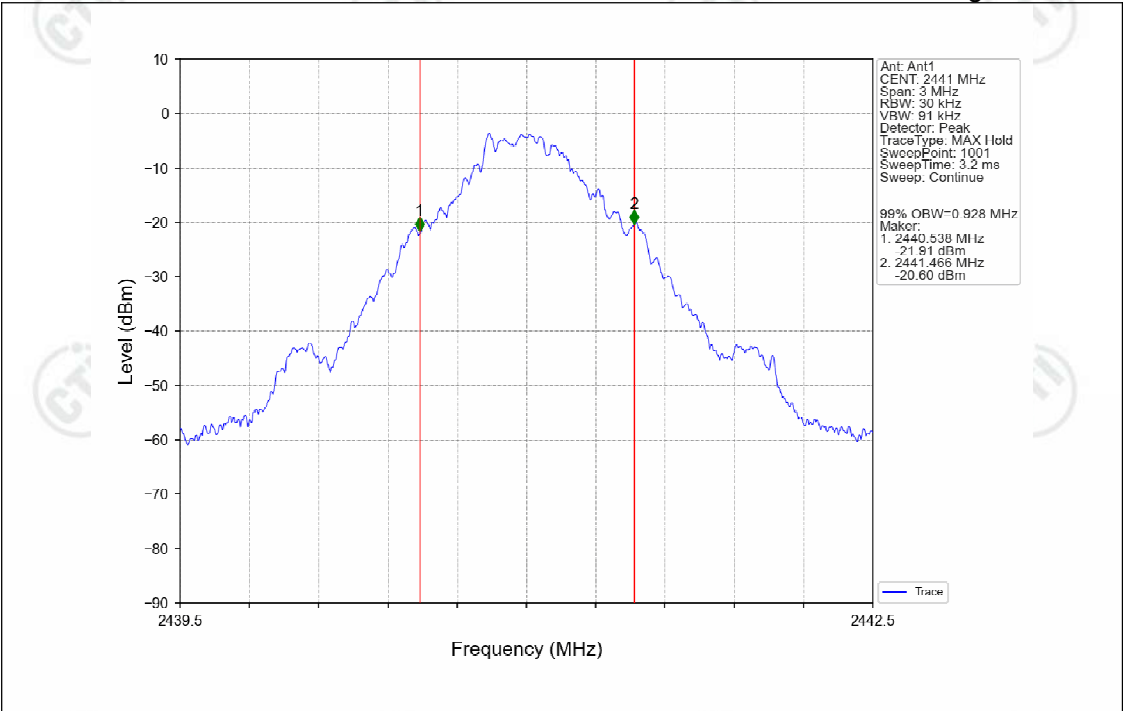
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	99% Occupied Bandwidth (MHz)		Verdict
					Result	Limit	
GFSK	SISO	2402	DH5	1	0.929	/	Pass
		2441	DH5	1	0.928	/	Pass
		2480	DH5	1	0.941	/	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.204	/	Pass
		2441	2DH5	1	1.217	/	Pass
		2480	2DH5	1	1.211	/	Pass

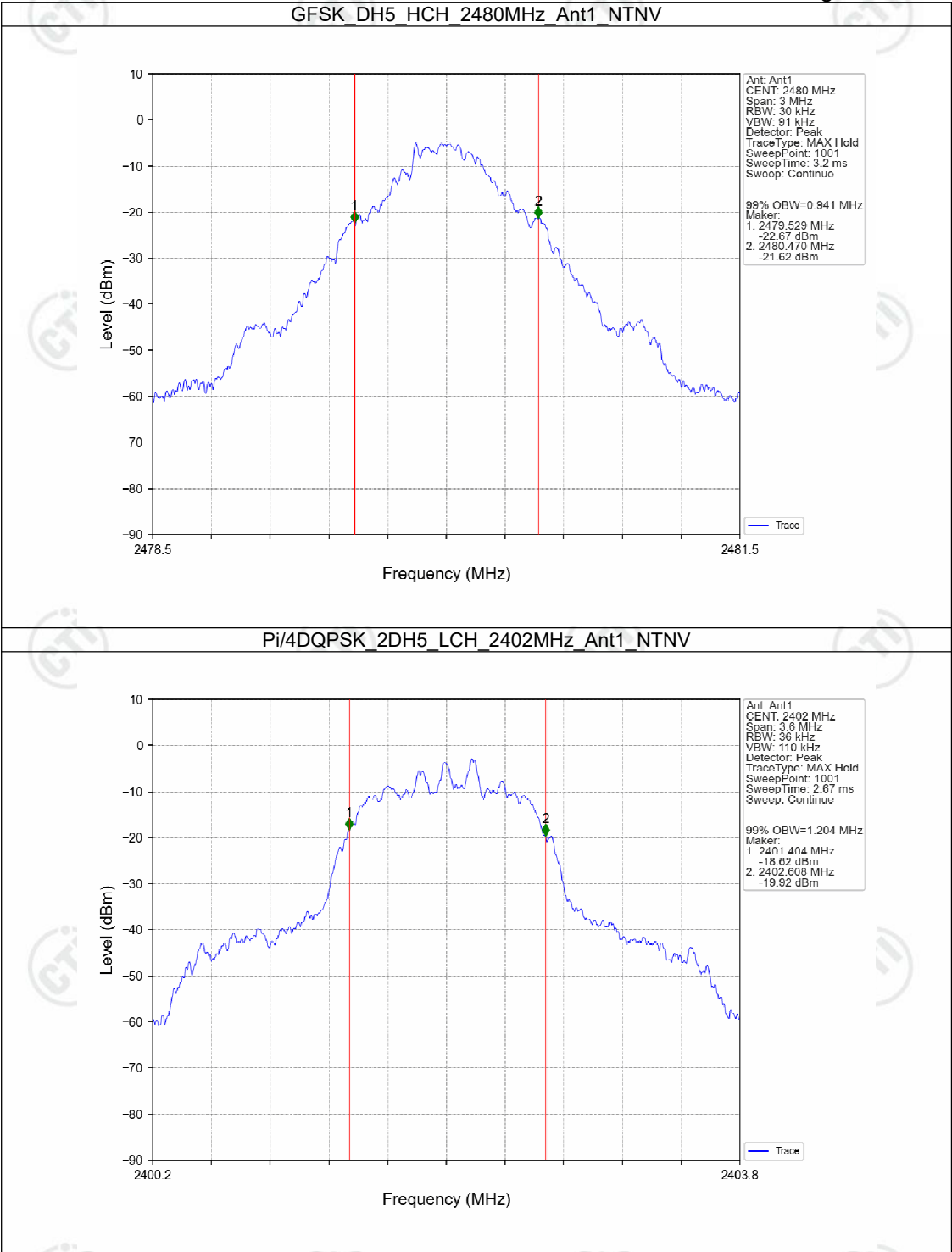
1.1.2 20dB BW

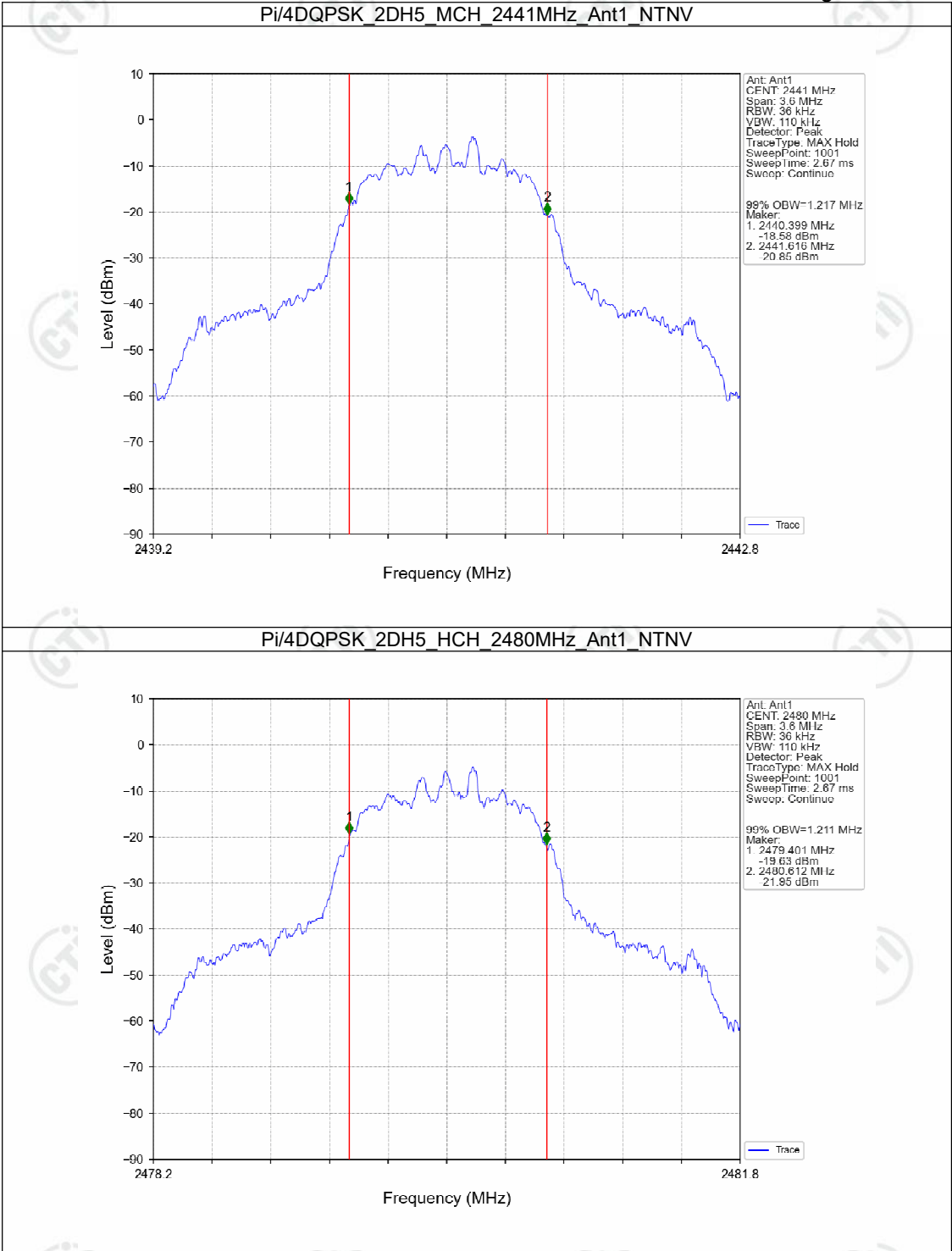
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	20dB Bandwidth (MHz)		Verdict
					Result	Limit	
GFSK	SISO	2402	DH5	1	1.040	/	Pass
		2441	DH5	1	1.041	/	Pass
		2480	DH5	1	1.037	/	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.333	/	Pass
		2441	2DH5	1	1.334	/	Pass
		2480	2DH5	1	1.335	/	Pass

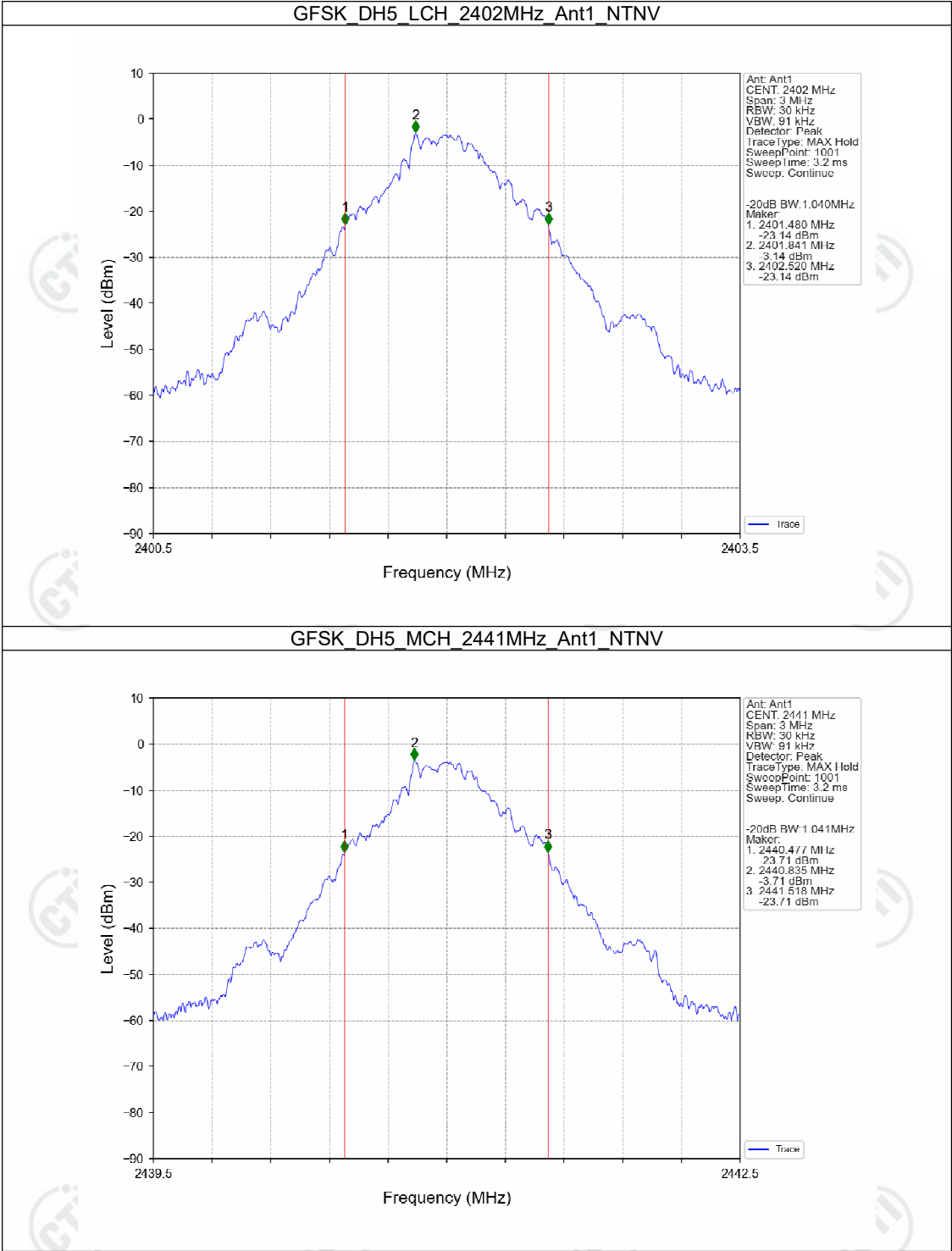
1.2.1 OBW

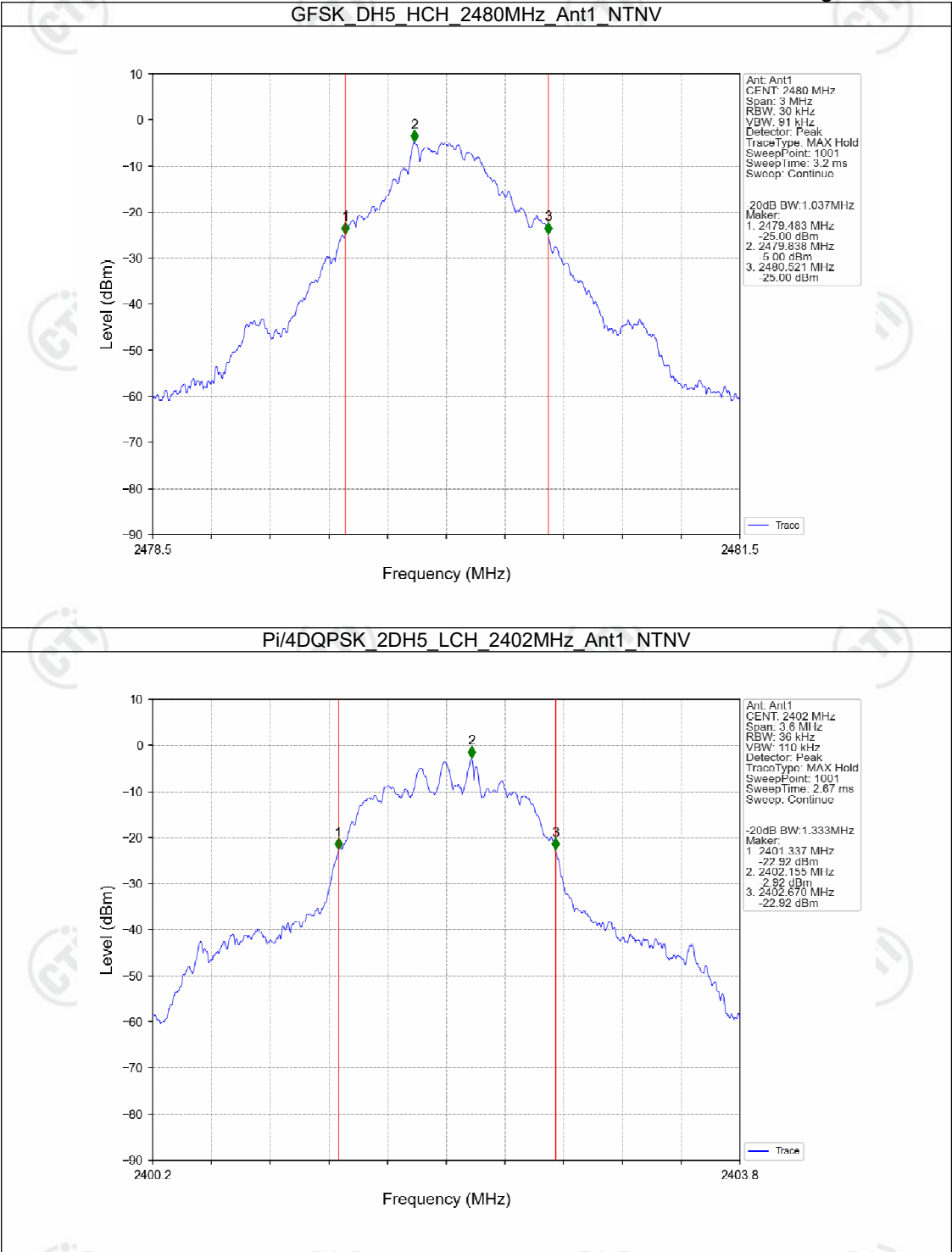


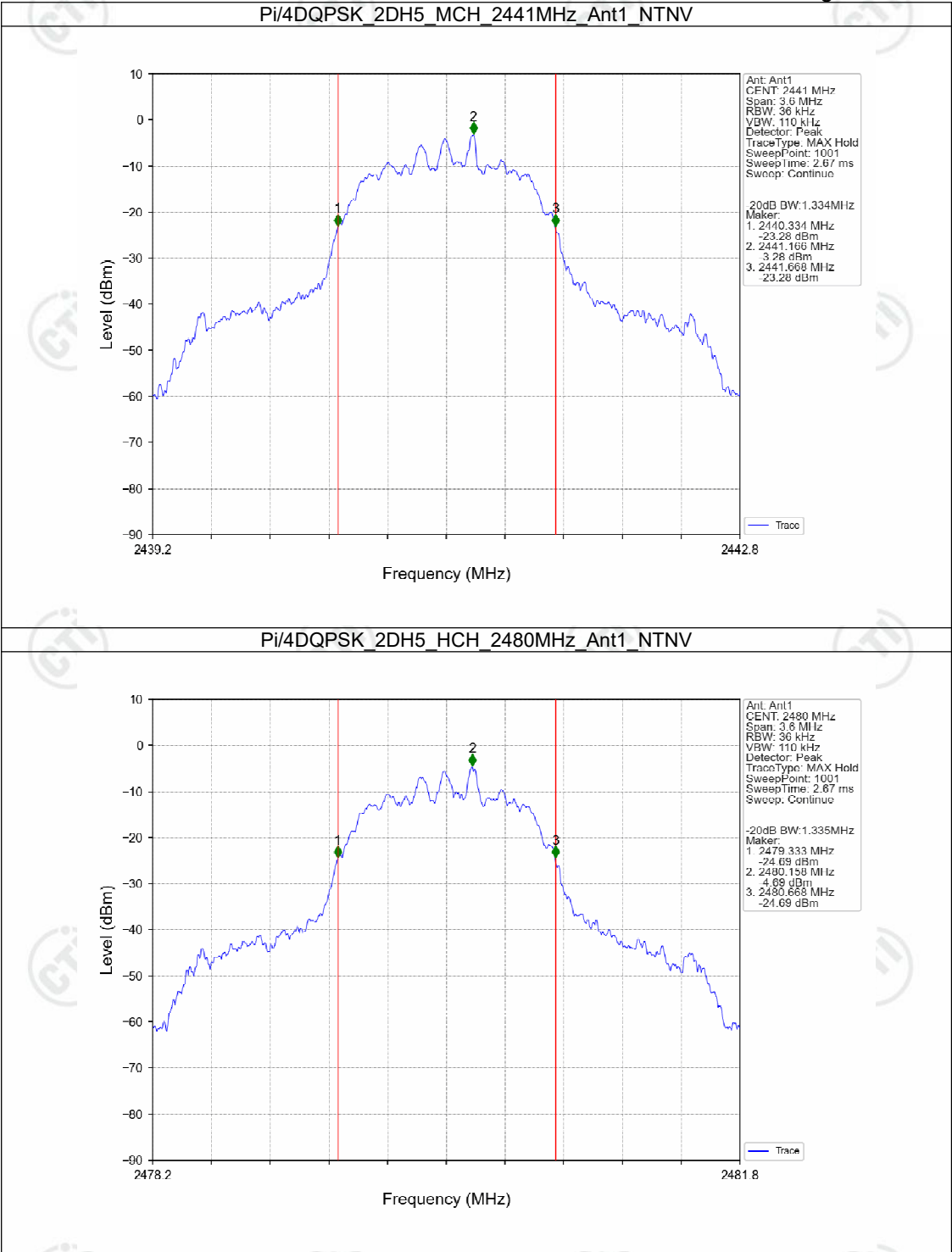












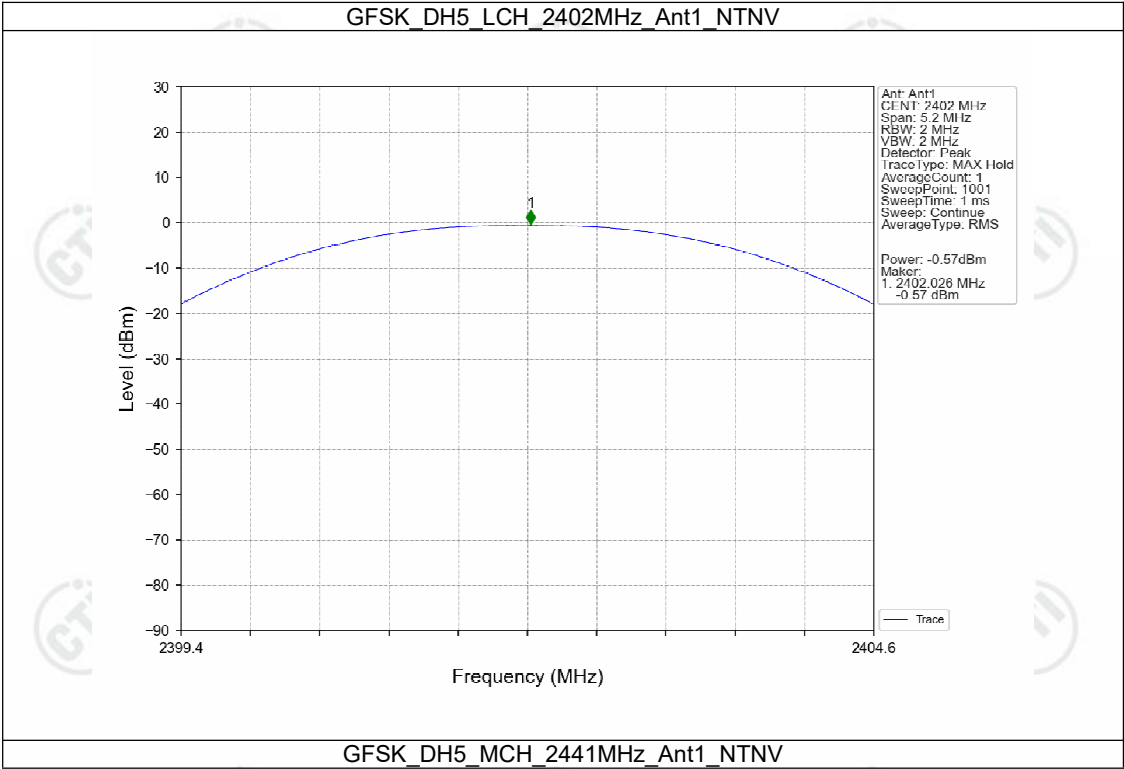
2. Maximum Conducted Output Power

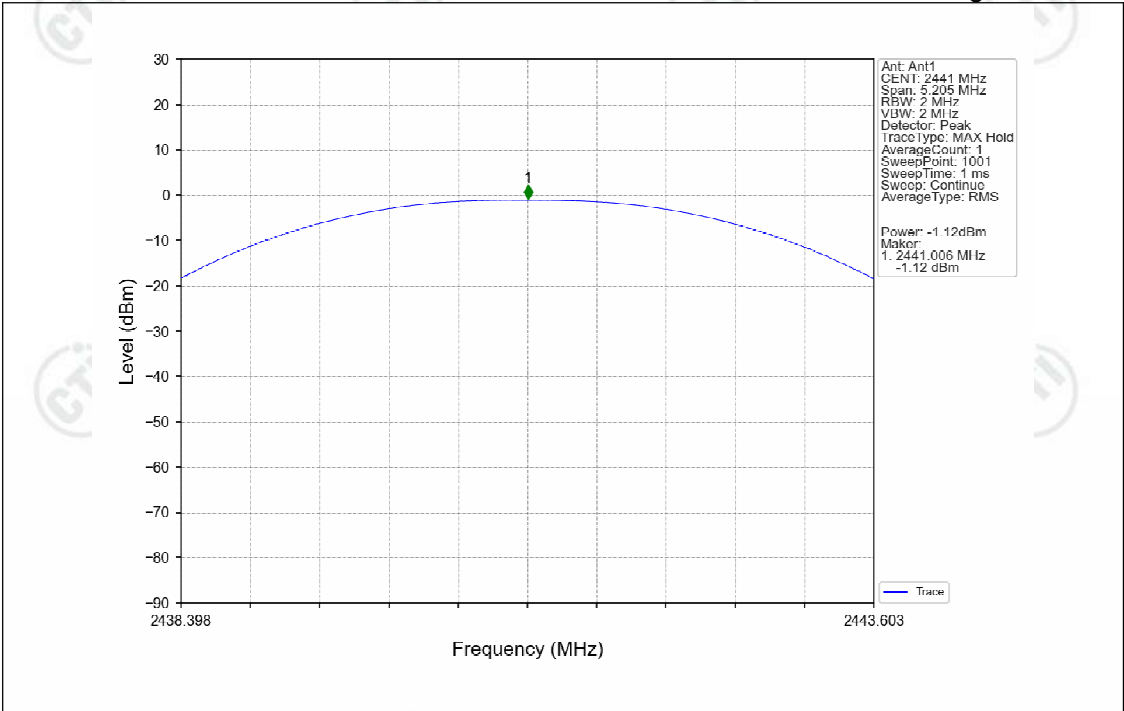
2.1 Test Result

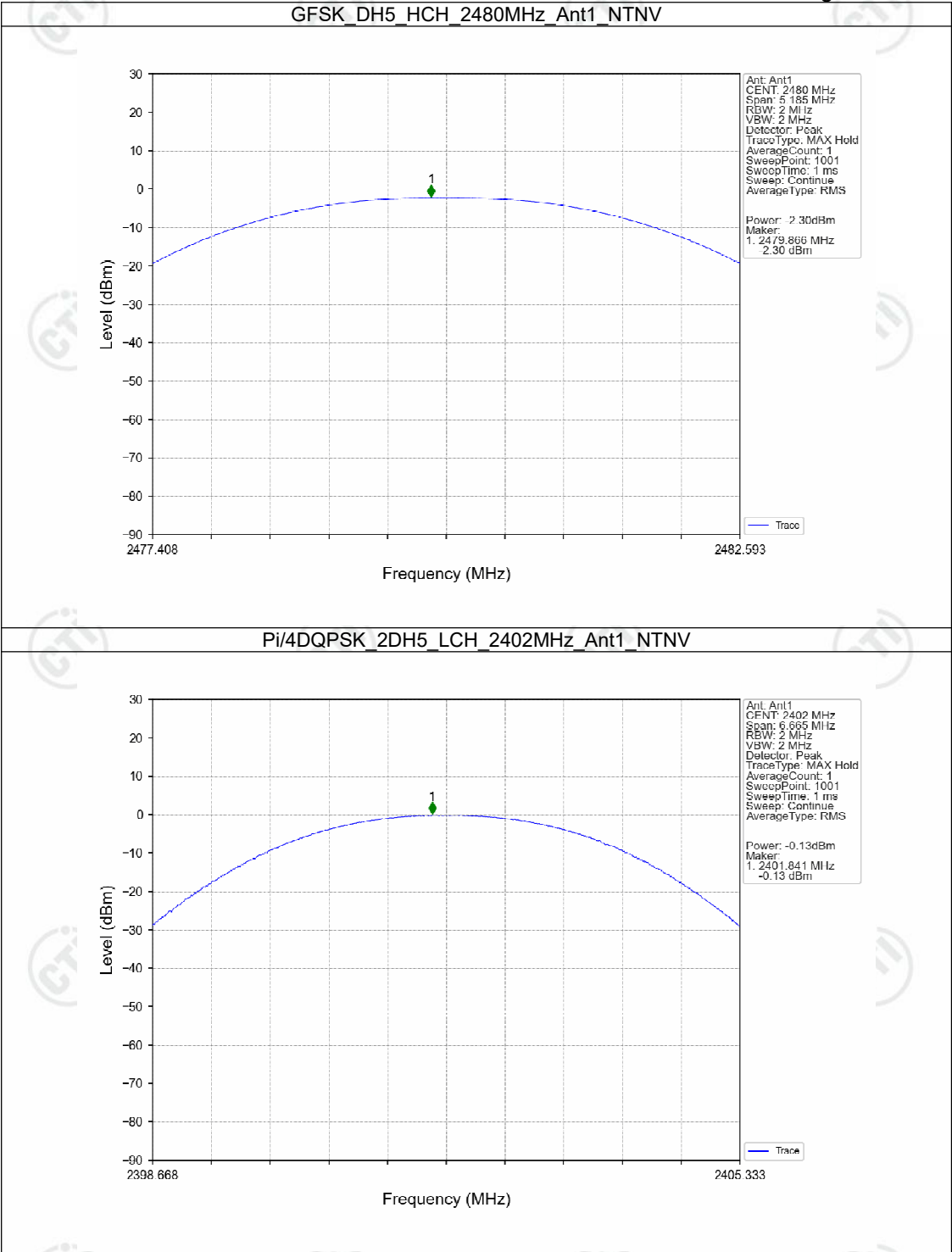
2.1.1 Power

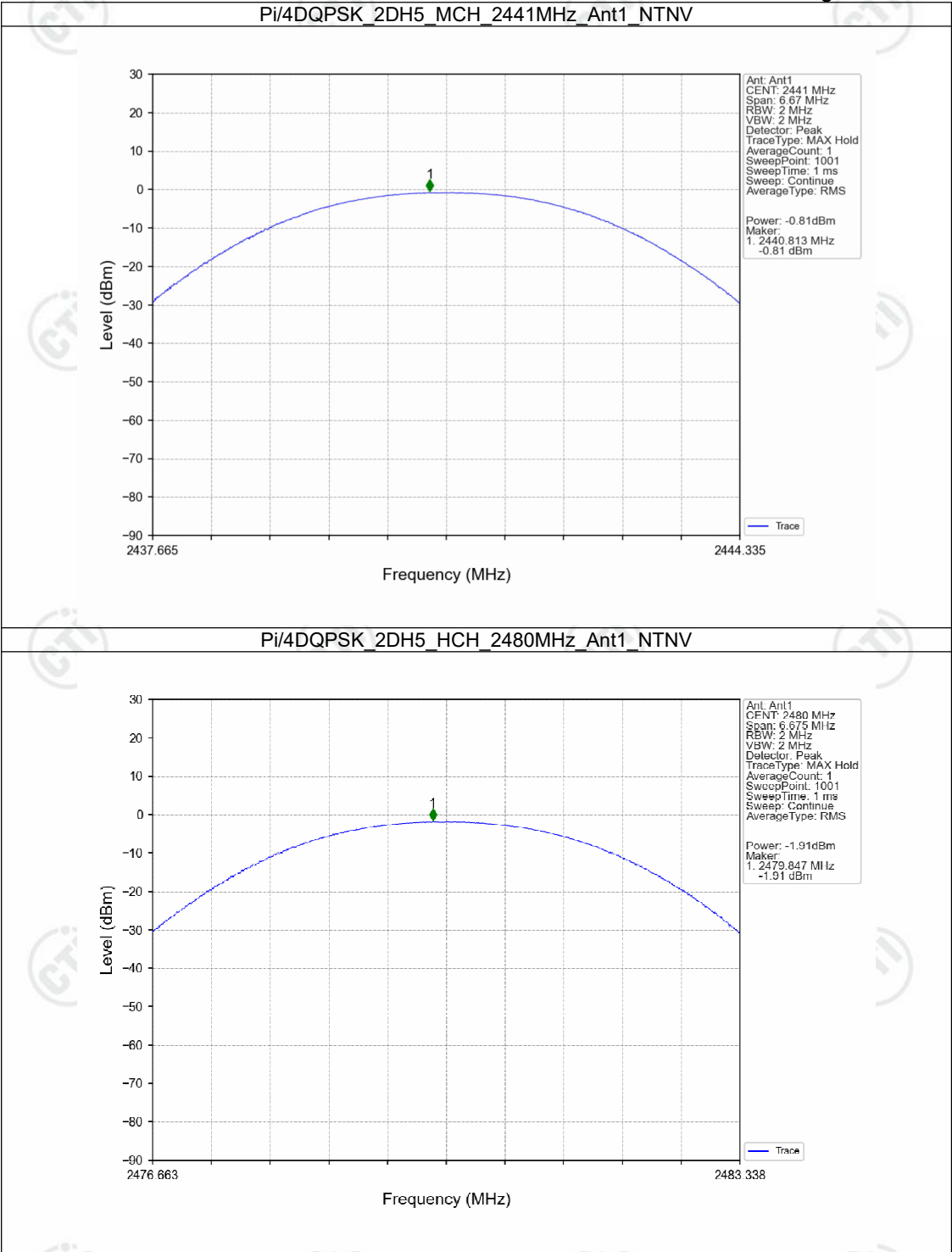
Mode	TX Type	Frequency (MHz)	Packet Type	Maximum Peak Conducted Output Power (dBm)		Verdict
				ANT1	Limit	
GFSK	SISO	2402	DH5	-0.57	<=20.97	Pass
		2441	DH5	-1.12	<=20.97	Pass
		2480	DH5	-2.30	<=20.97	Pass
Pi/4DQPSK	SISO	2402	2DH5	-0.13	<=20.97	Pass
		2441	2DH5	-0.81	<=20.97	Pass
		2480	2DH5	-1.91	<=20.97	Pass
Note1: Antenna Gain: Ant1: -0.59dBi;						

2.2.1 Power









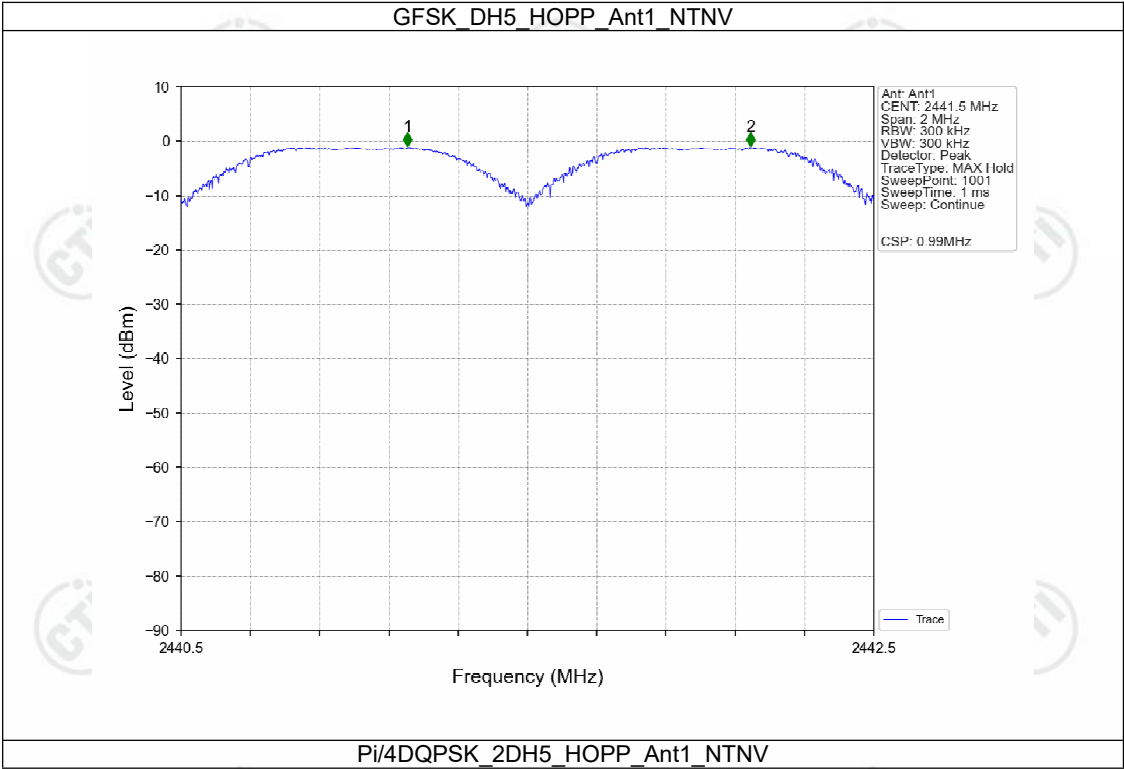
3. Carrier Frequency Separation

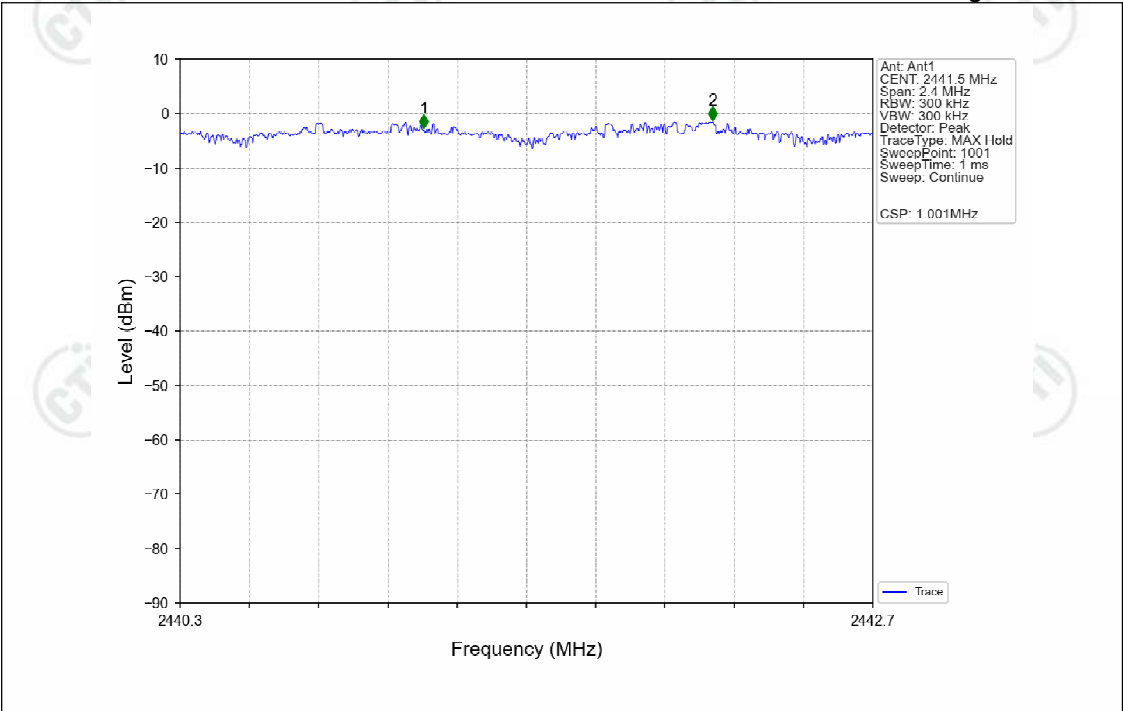
3.1 Test Result

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	0.990	1.041	≥ 0.694	Pass
PI/4DQPSK	SISO	HOPP	2DH5	1.001	1.335	≥ 0.89	Pass

3.2.1 Ant1





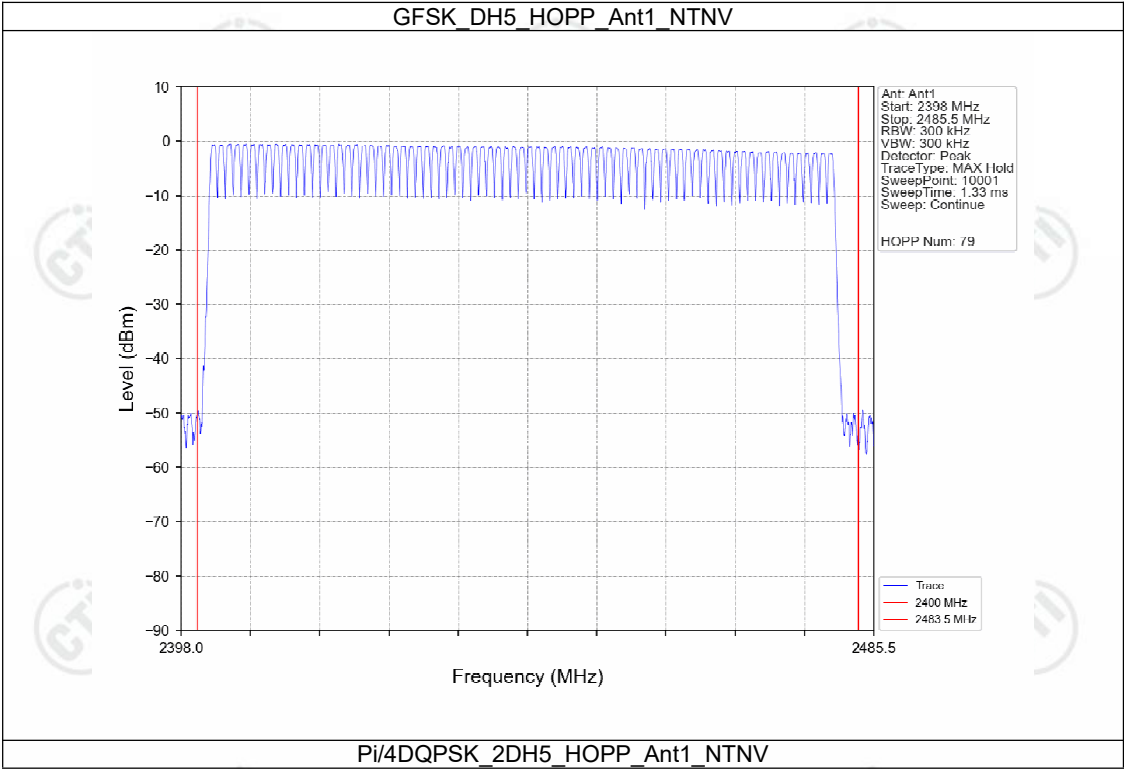
4. Number of Hopping Frequencies

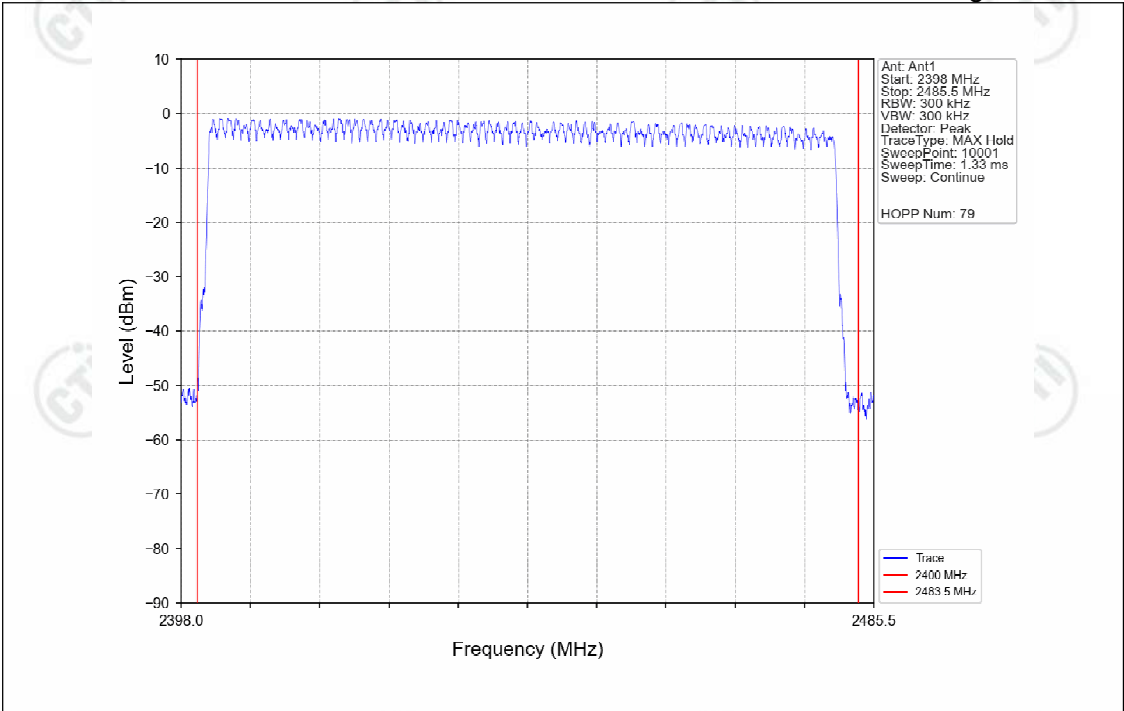
4.1 Test Result

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

4.2.1 HoppNum





5. Time of Occupancy (Dwell Time)

5.1 Test Result

5.1.1 Ant1

Ant1									
Mode	TX Type	Freque ncy (MHz)	Packet Type	Duratio n of Single Pulse (ms)	Observ ation Period (s)	Num of Pulse in Observ ation Period	Dwell Time (ms)	Limit (ms)	Verdict
GFSK	SISO	HOPP	DH1	0.382	31.600	320	122.240	<=400	Pass
			DH3	1.636	31.600	165	269.940	<=400	Pass
			DH5	2.892	31.600	86	248.712	<=400	Pass
Pi/4DQ PSK	SISO	HOPP	2DH1	0.390	31.600	319	124.410	<=400	Pass
			2DH3	1.642	31.600	159	261.078	<=400	Pass
			2DH5	2.888	31.600	109	314.792	<=400	Pass

5.2.1 Ant1

