



Annex for BLE

Test Report No.: CTL2403293041-WF02

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1. Bandwidth

1.1 OBW

1.1.1 Test Result

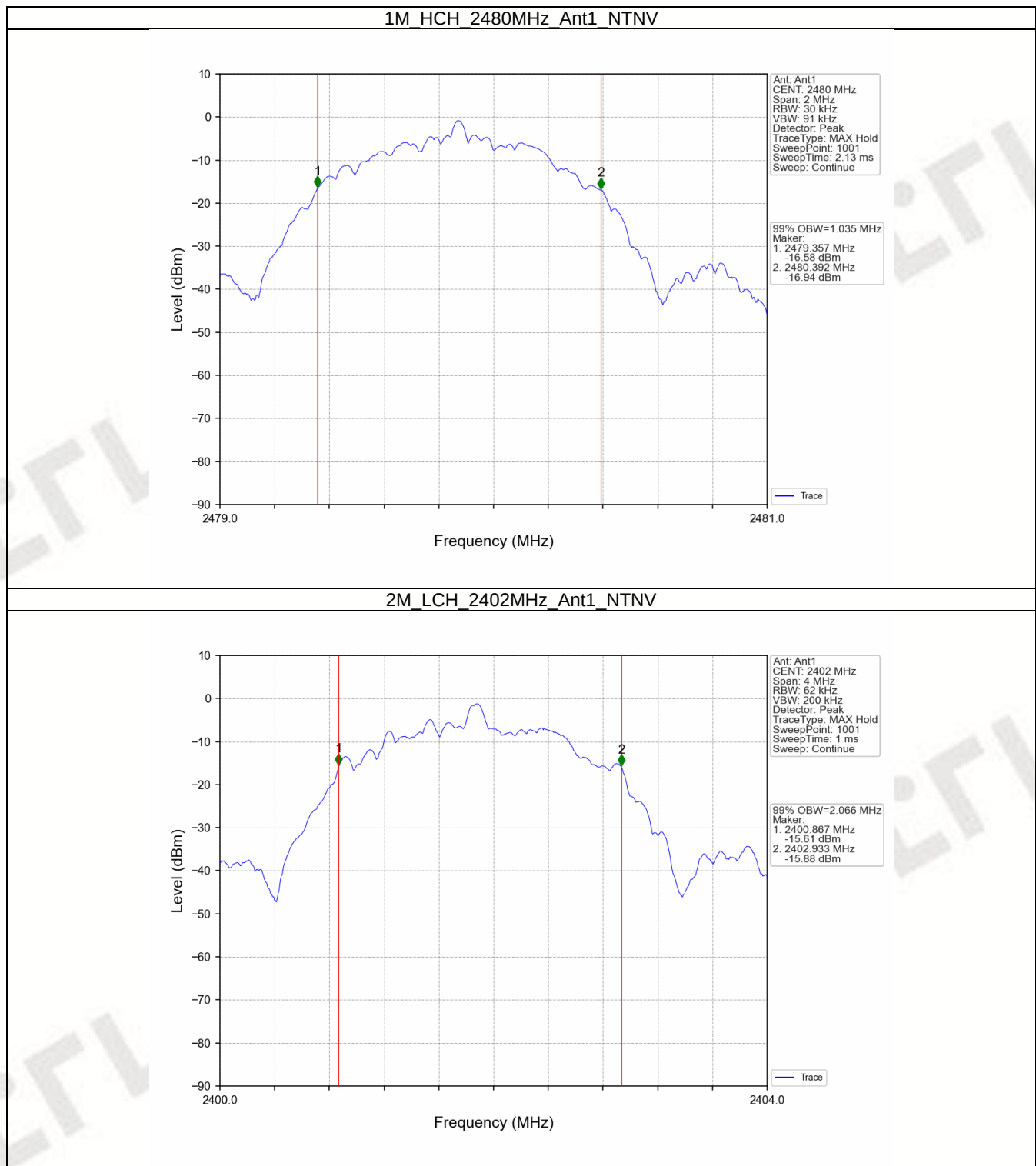
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	1.027	/	Pass
		2440	1	1.037	/	Pass
		2480	1	1.035	/	Pass
2M	SISO	2402	1	2.066	/	Pass
		2440	1	2.072	/	Pass
		2480	1	2.064	/	Pass

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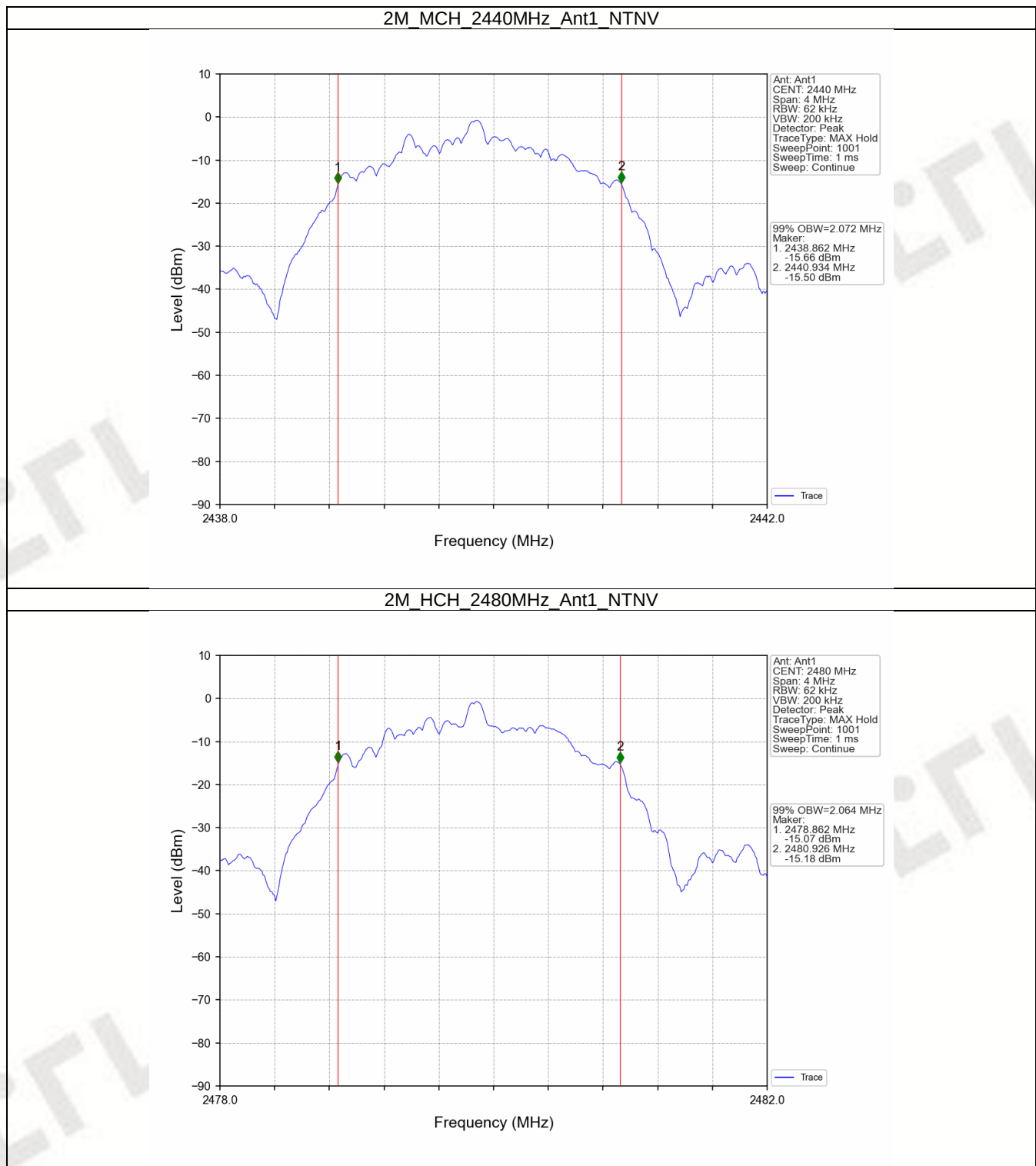
1.1.2 Test Graph



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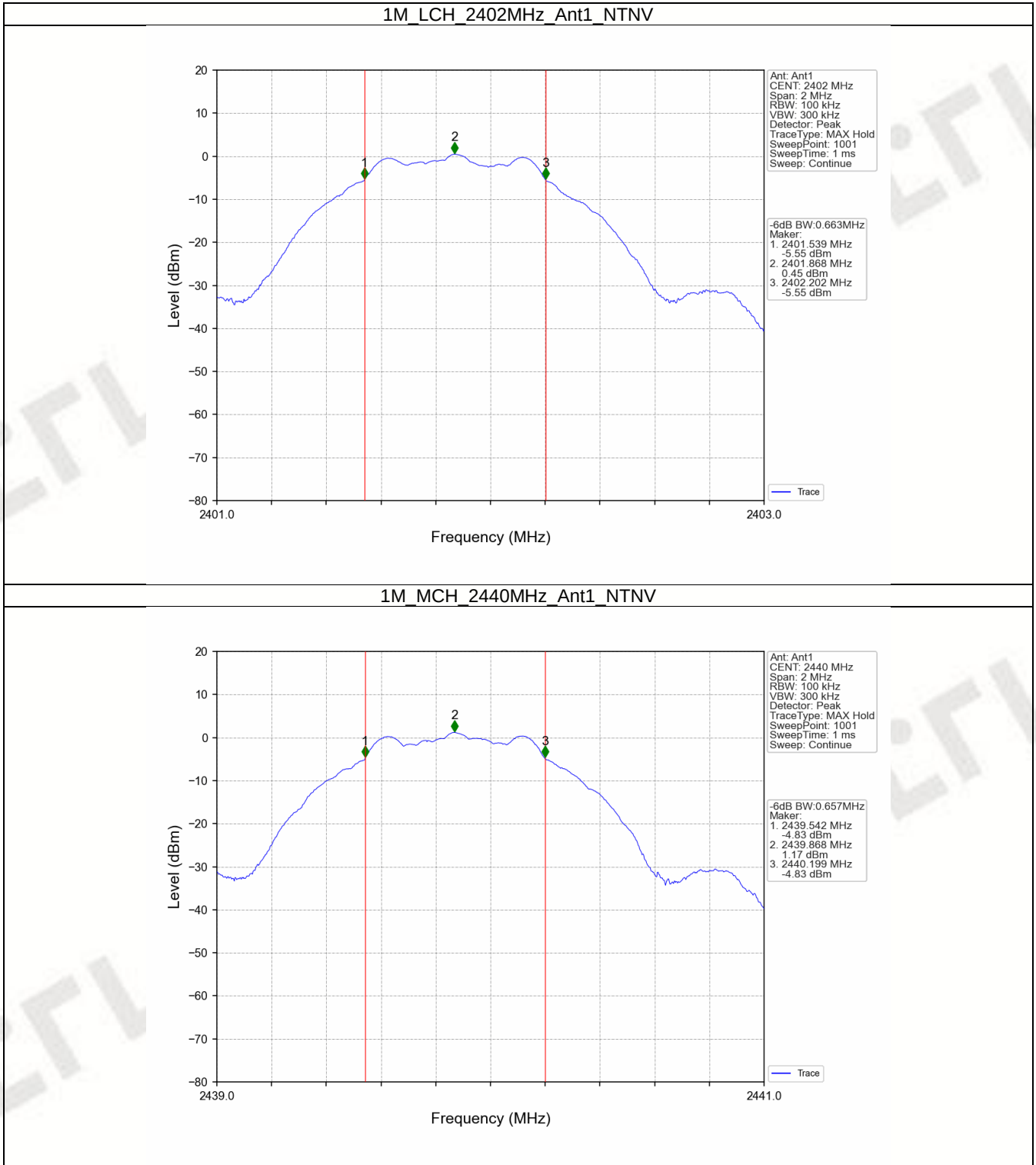
1.2 6dB BW

1.2.1 Test Result

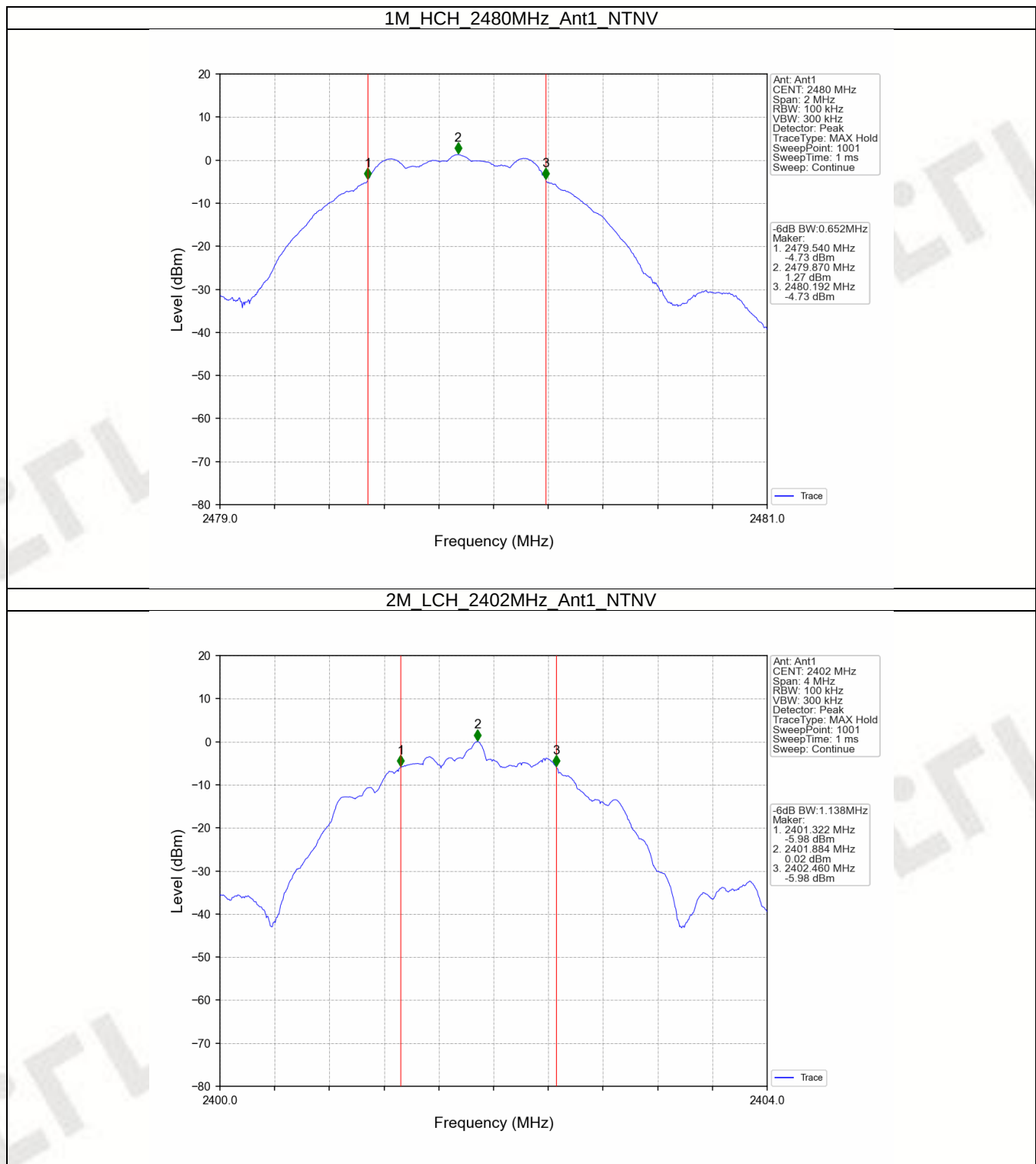
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.663	≥ 0.5	Pass
		2440	1	0.657	≥ 0.5	Pass
		2480	1	0.652	≥ 0.5	Pass
2M	SISO	2402	1	1.138	≥ 0.5	Pass
		2440	1	0.964	≥ 0.5	Pass
		2480	1	1.134	≥ 0.5	Pass

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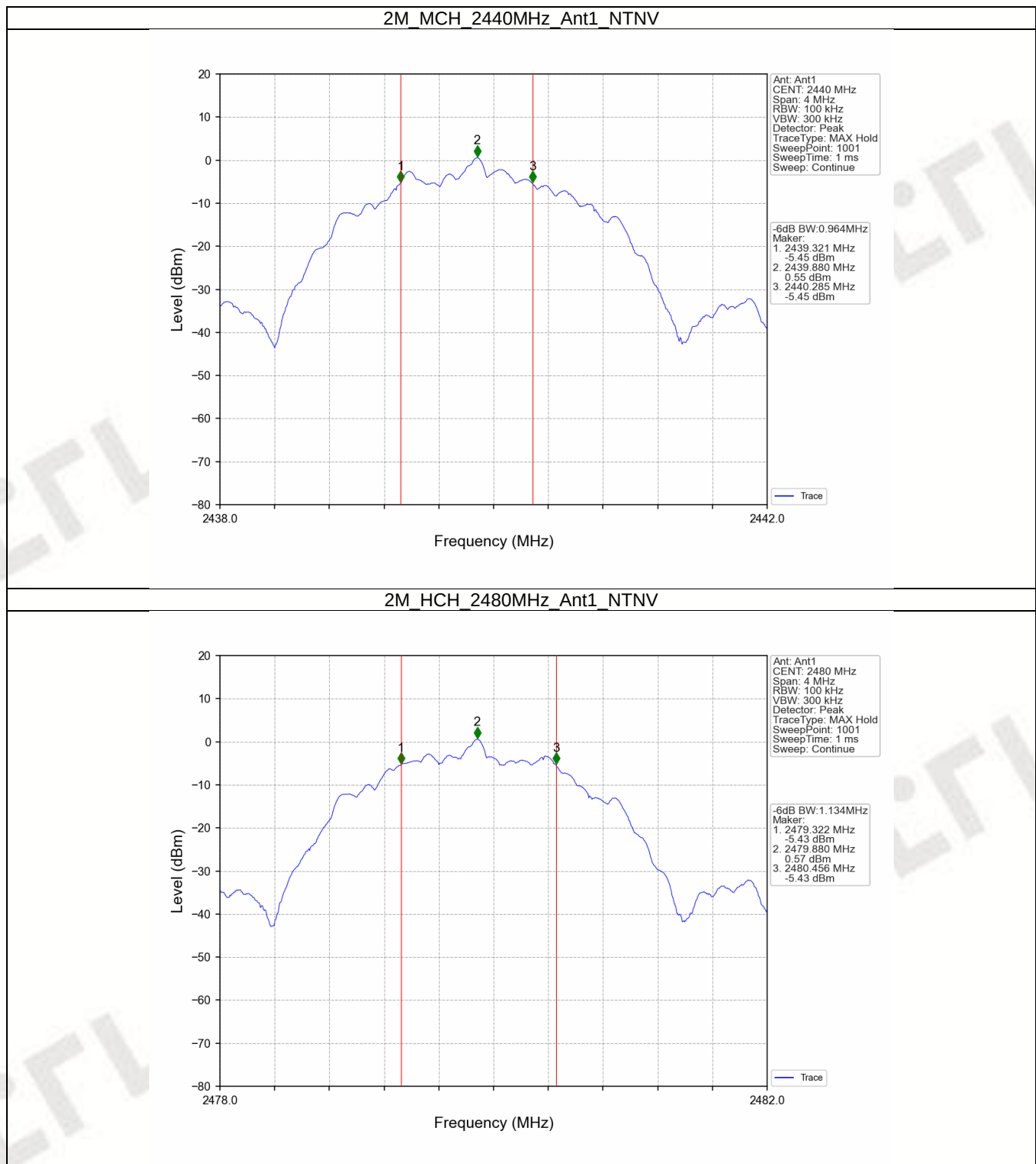
1.2.2 Test Graph



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2. Maximum Conducted Output Power

2.1 Power

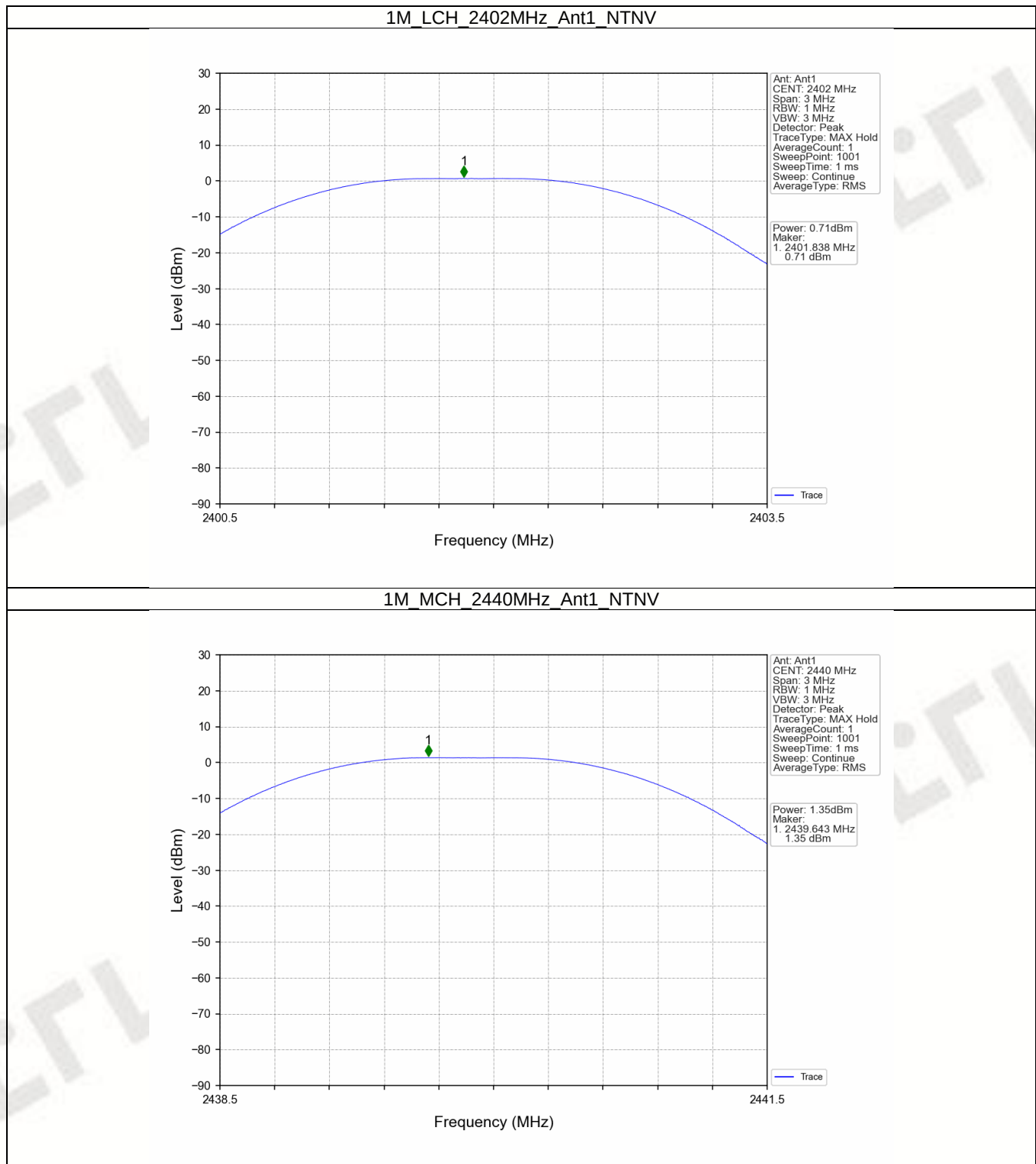
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	0.71	<=30	Pass
		2440	1.35	<=30	Pass
		2480	1.43	<=30	Pass
2M	SISO	2402	0.41	<=30	Pass
		2440	0.82	<=30	Pass
		2480	1.01	<=30	Pass

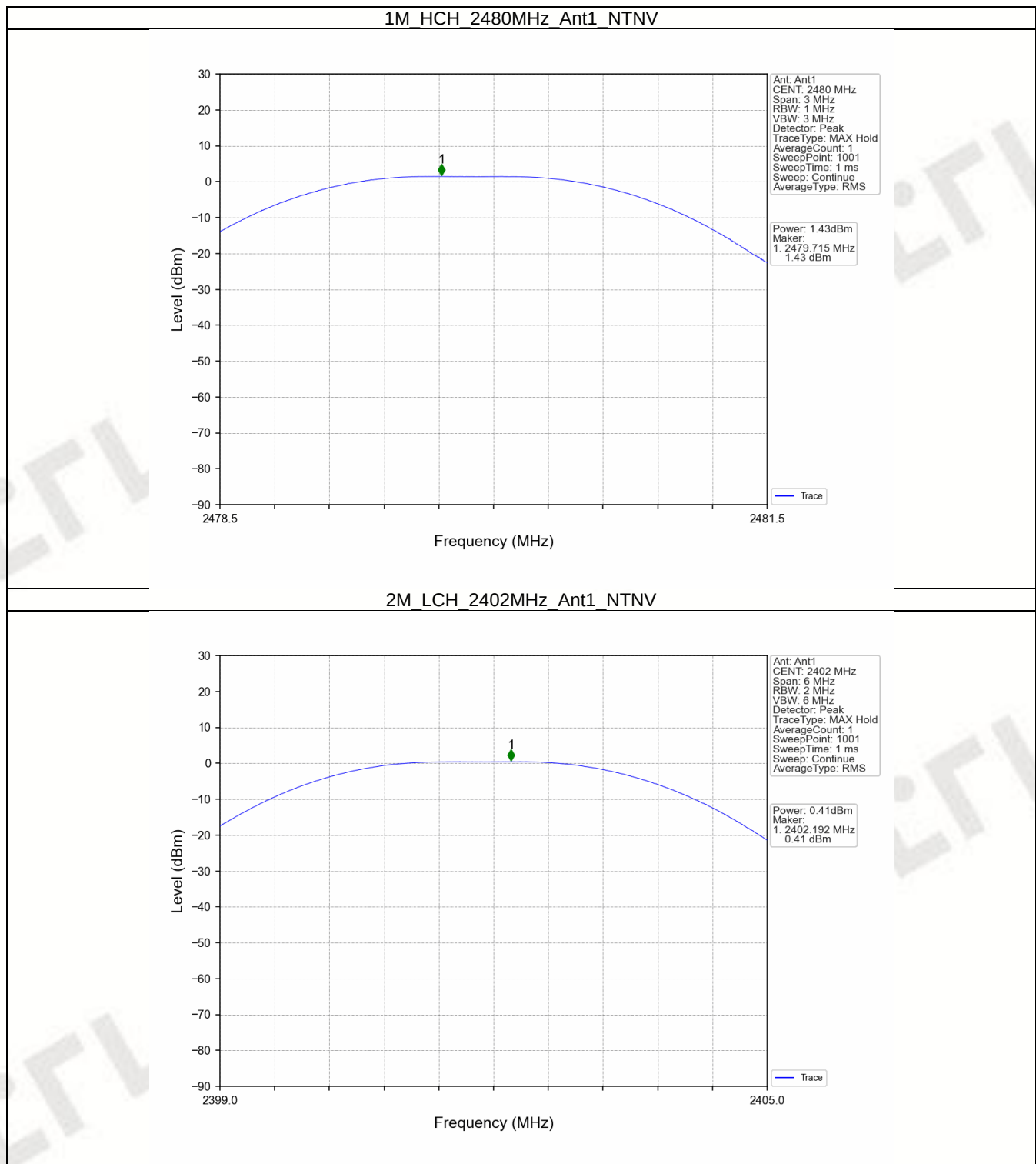
Note1: Antenna Gain: Ant1: 0.50dBi;

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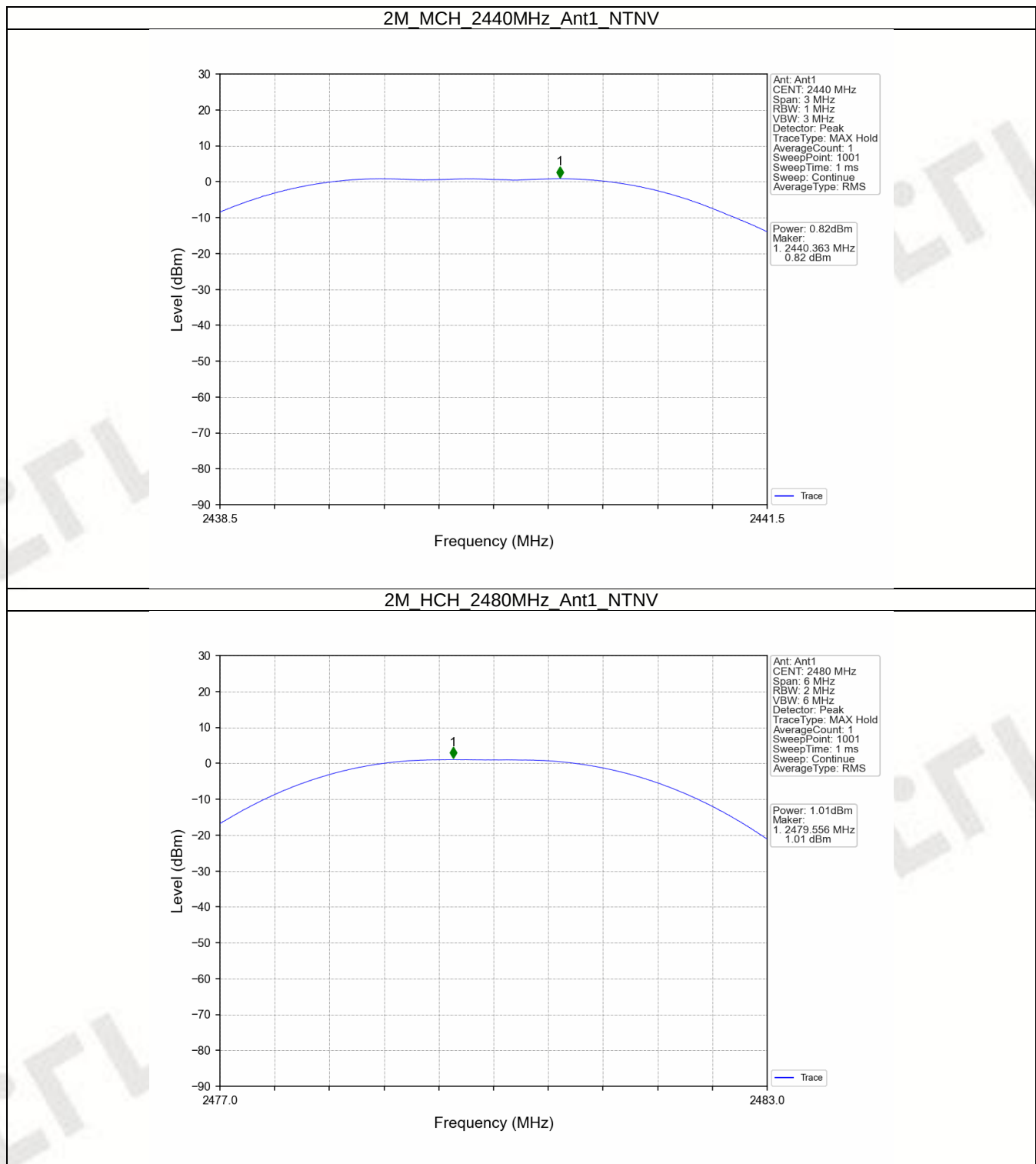
2.1.2 Test Graph



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3. Maximum Power Spectral Density

3.1 PSD

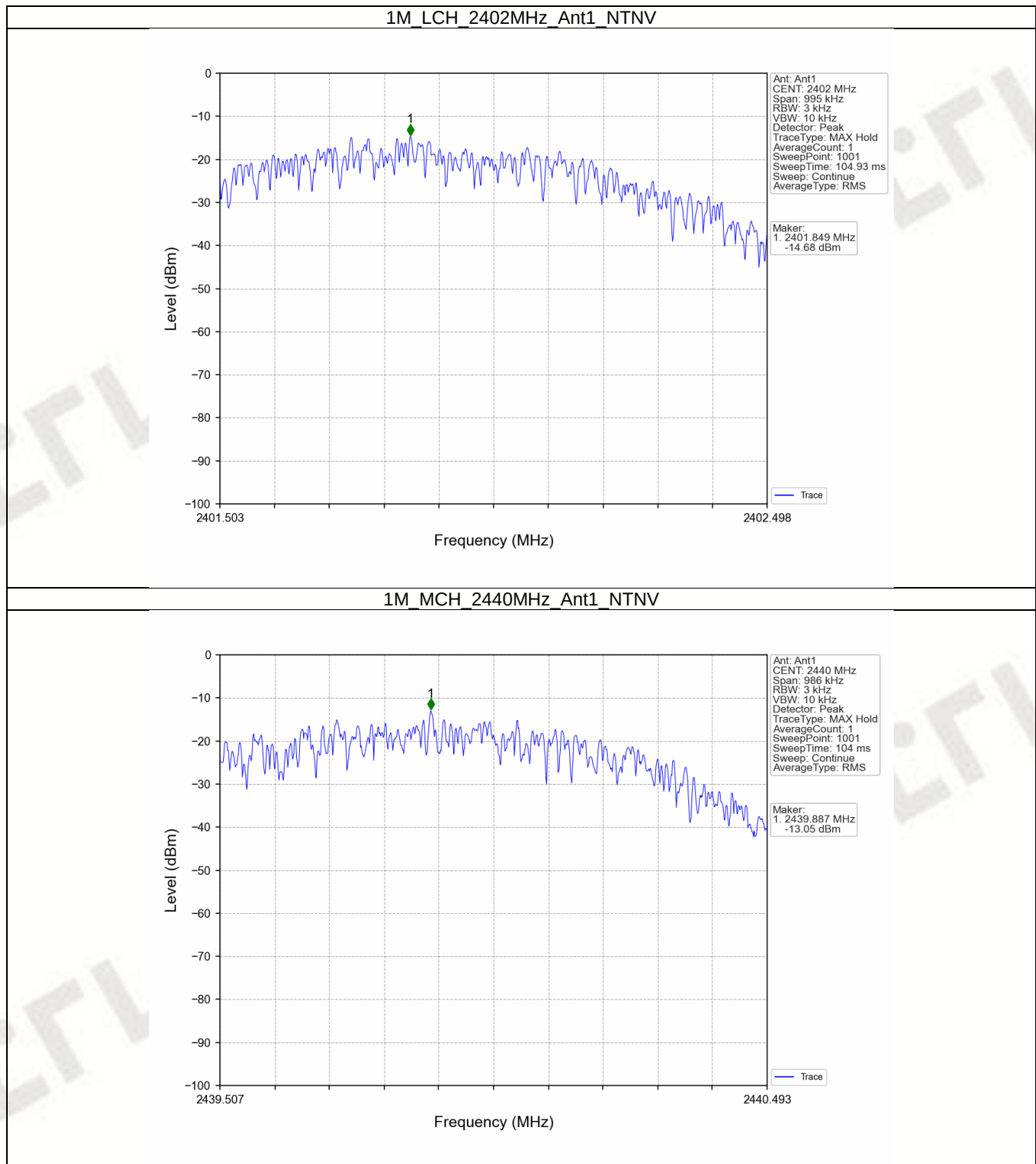
3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
1M	SISO	2402	-14.68	<=8	Pass
		2440	-13.05	<=8	Pass
		2480	-13.43	<=8	Pass
2M	SISO	2402	-17.04	<=8	Pass
		2440	-16.86	<=8	Pass
		2480	-17.74	<=8	Pass

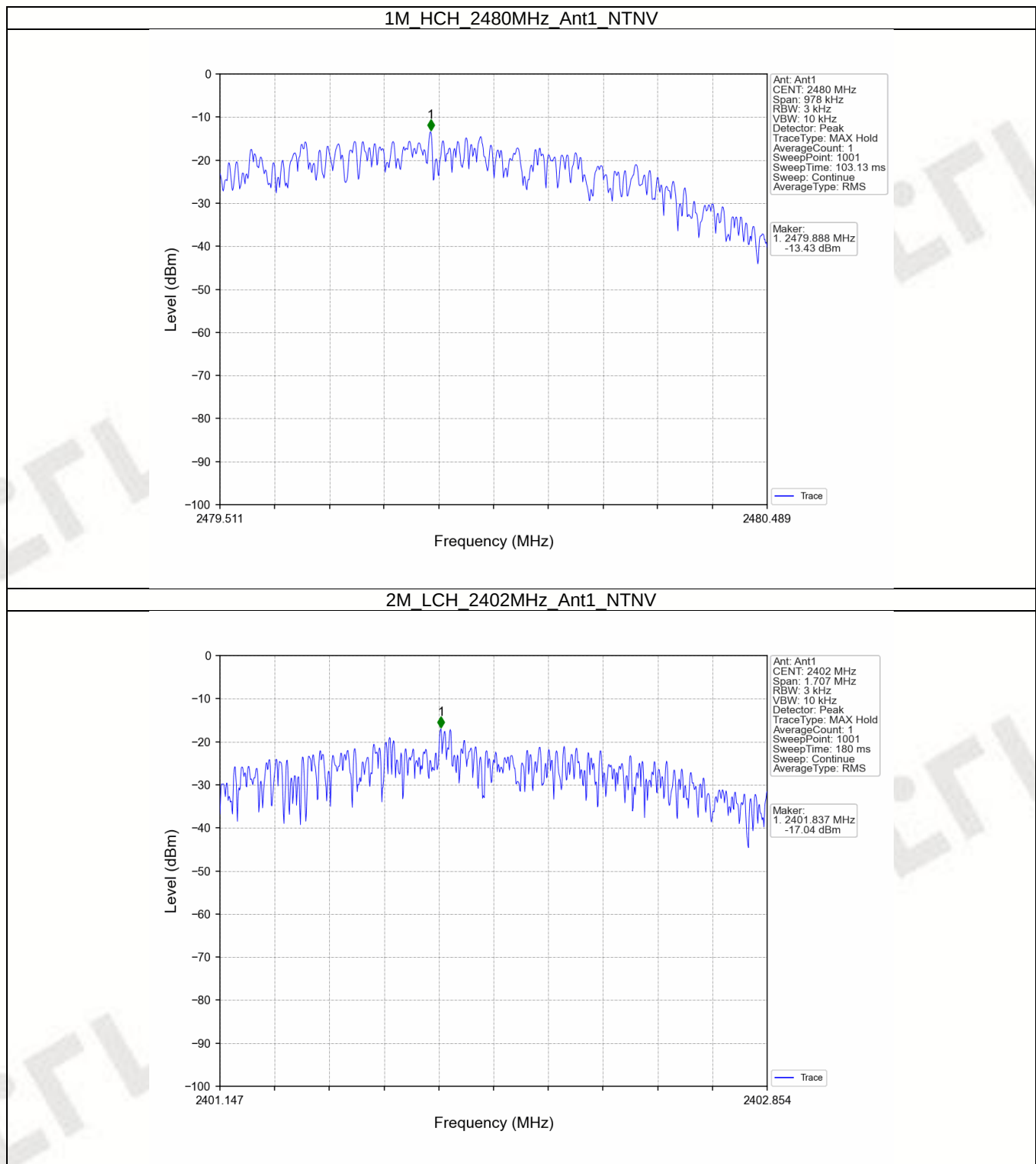
Note1: Antenna Gain: Ant1: 0.50dBi;

FCCID: 2AOM3-S53

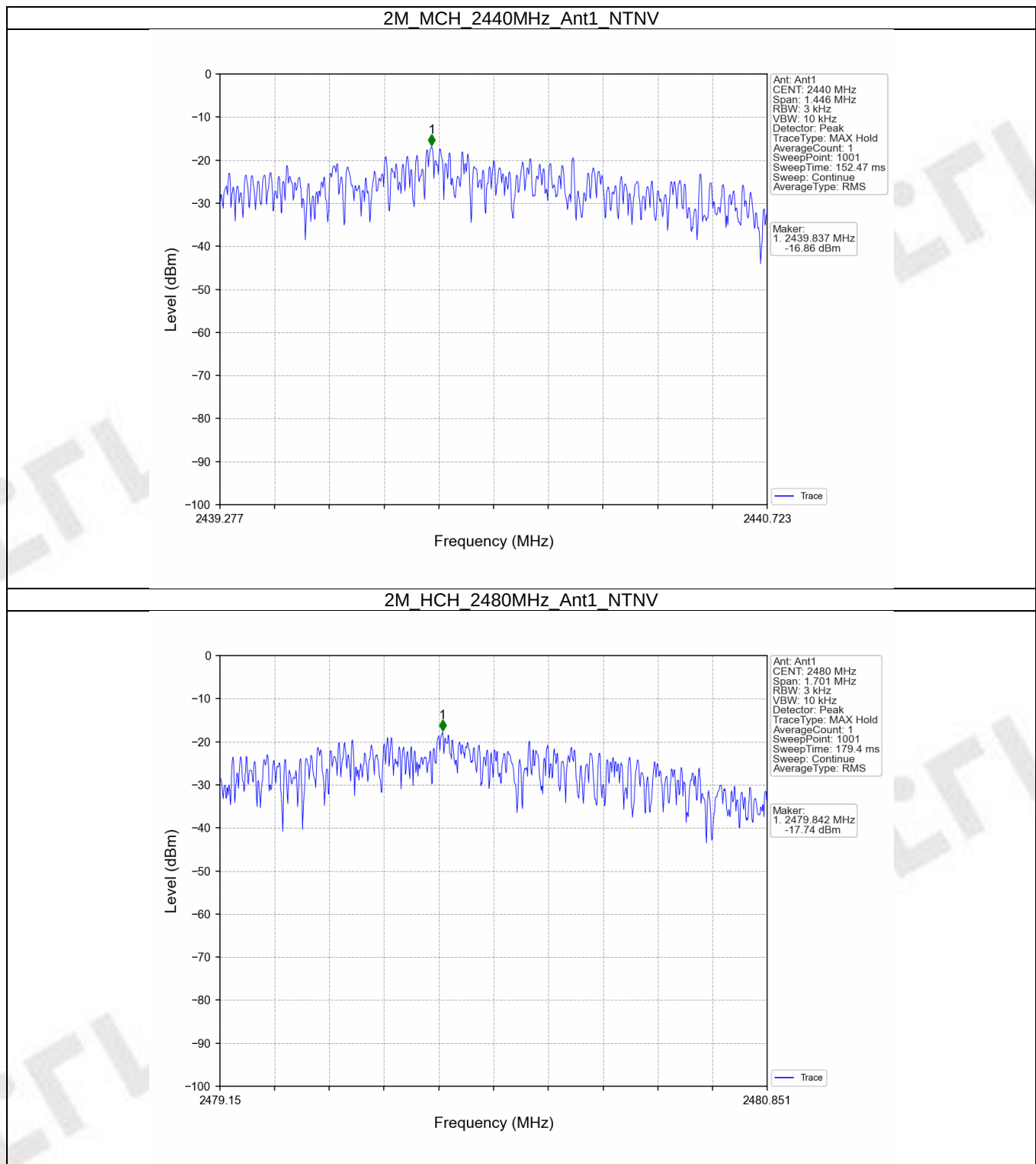
3.1.2 Test Graph



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4. Unwanted Emissions In Non-restricted Frequency Bands

4.1 Ref

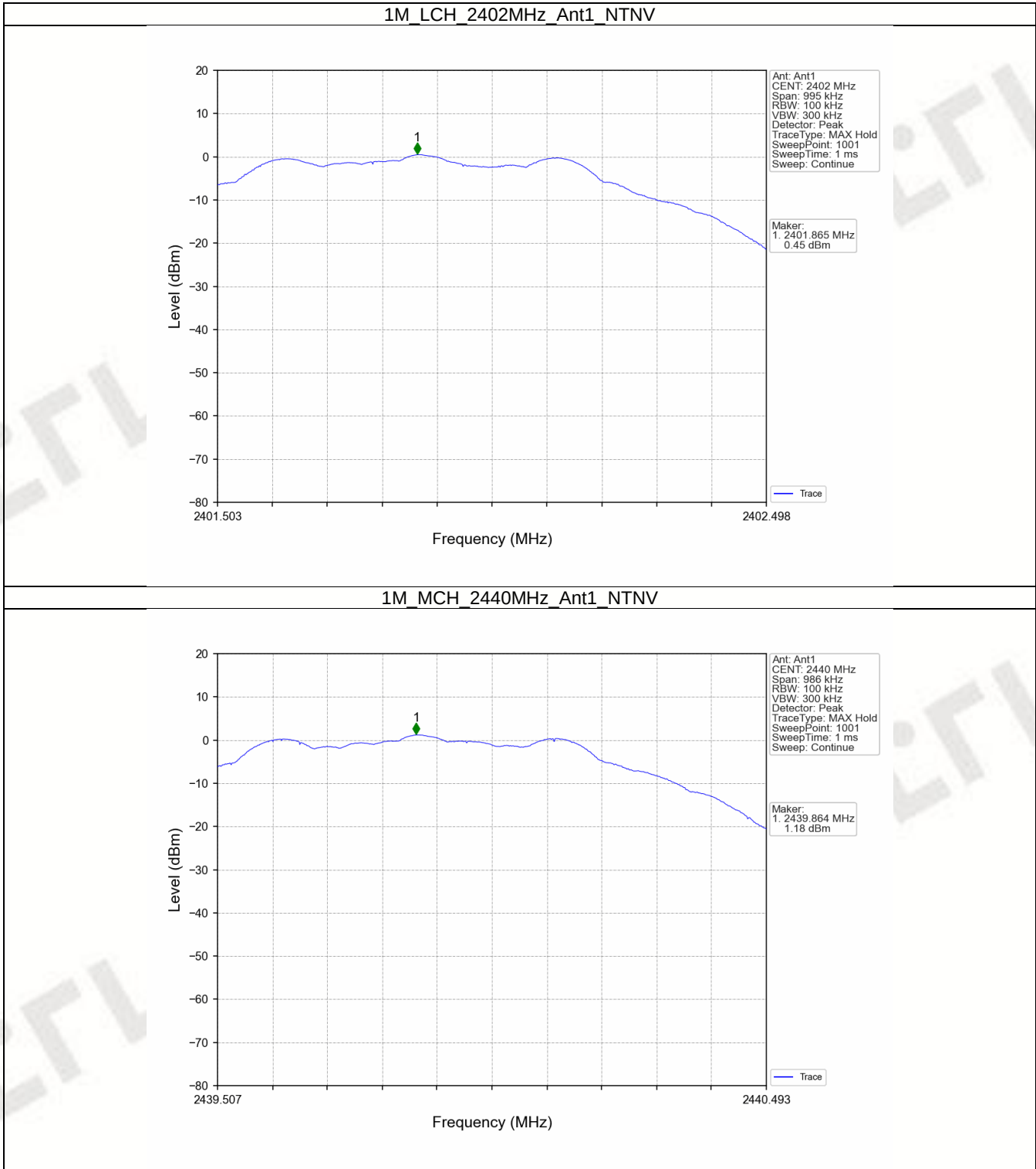
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	0.45
		2440	1	1.18
		2480	1	1.24
2M	SISO	2402	1	0.06
		2440	1	0.56
		2480	1	0.61

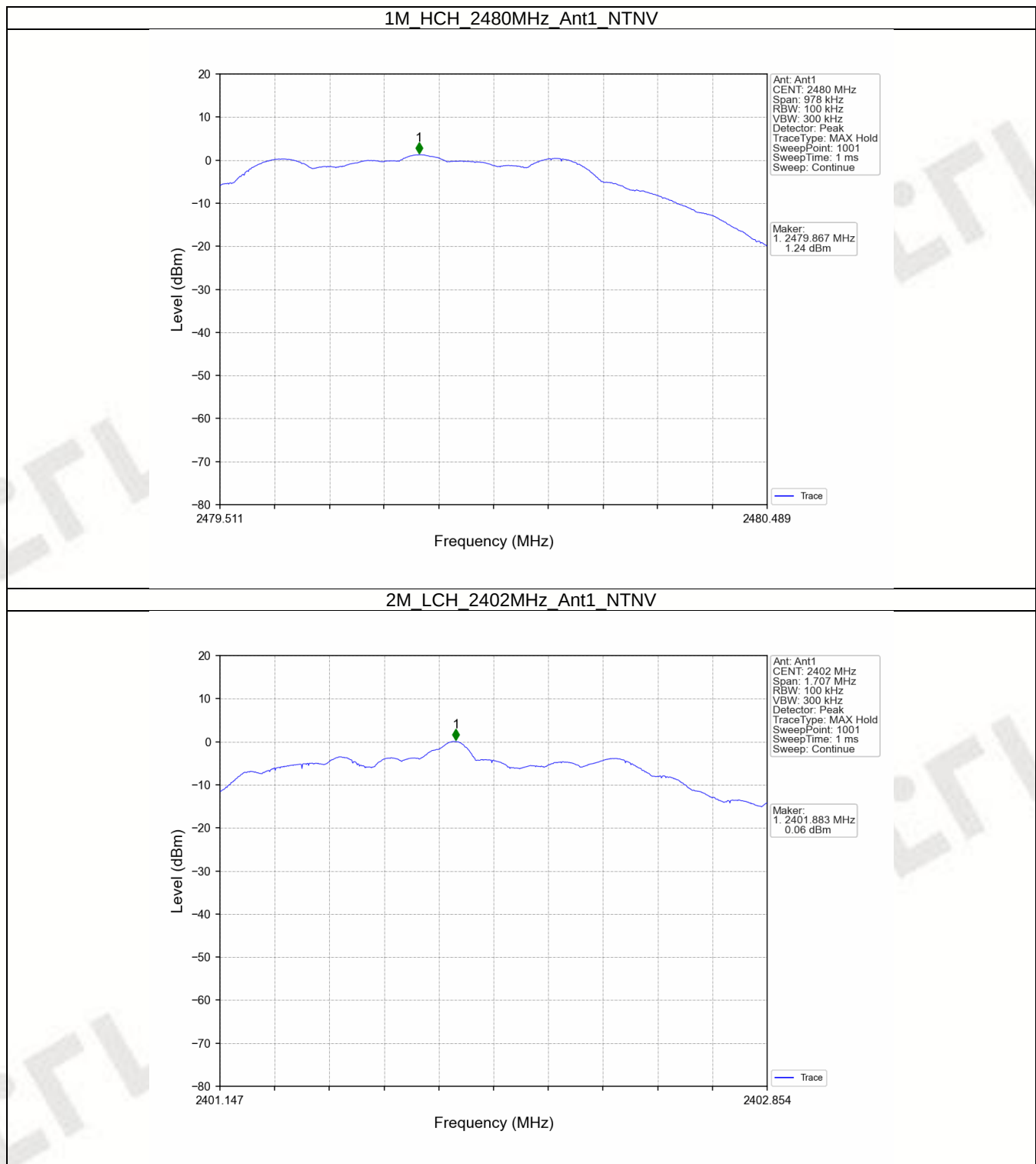
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

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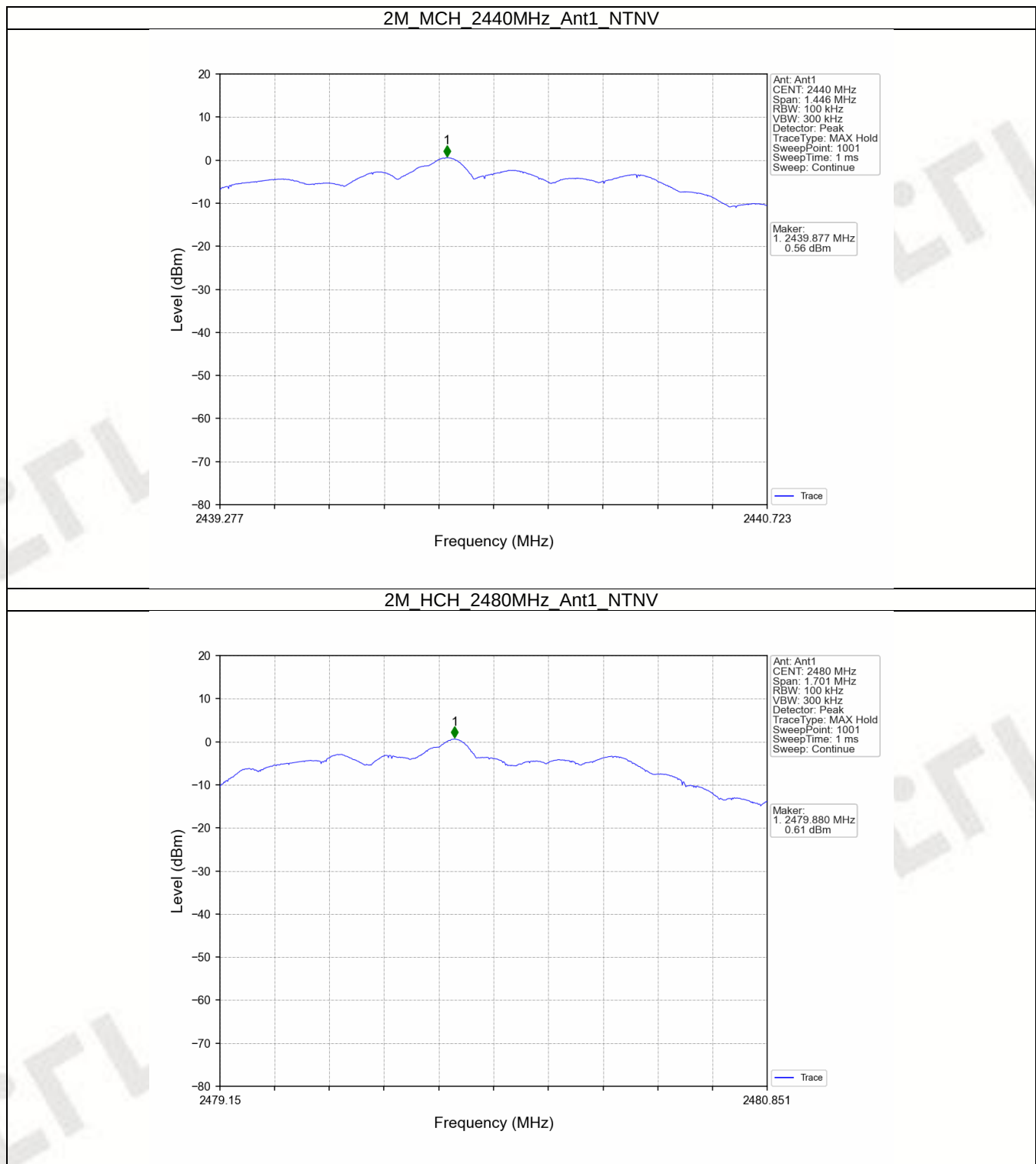
4.1.2 Test Graph



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FCCID: 2AOM3-S53



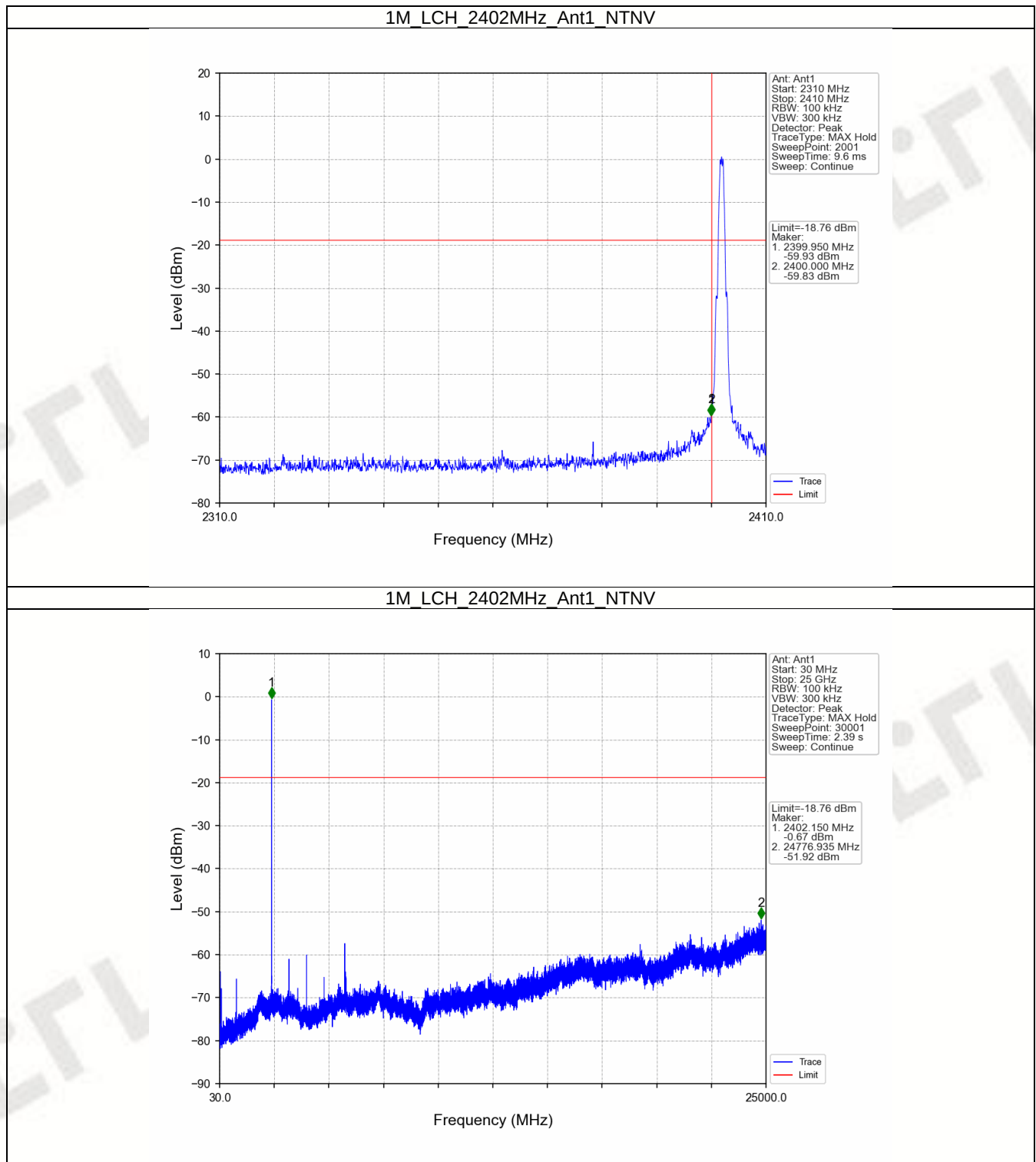
4.2 CSE

4.2.1 Test Result

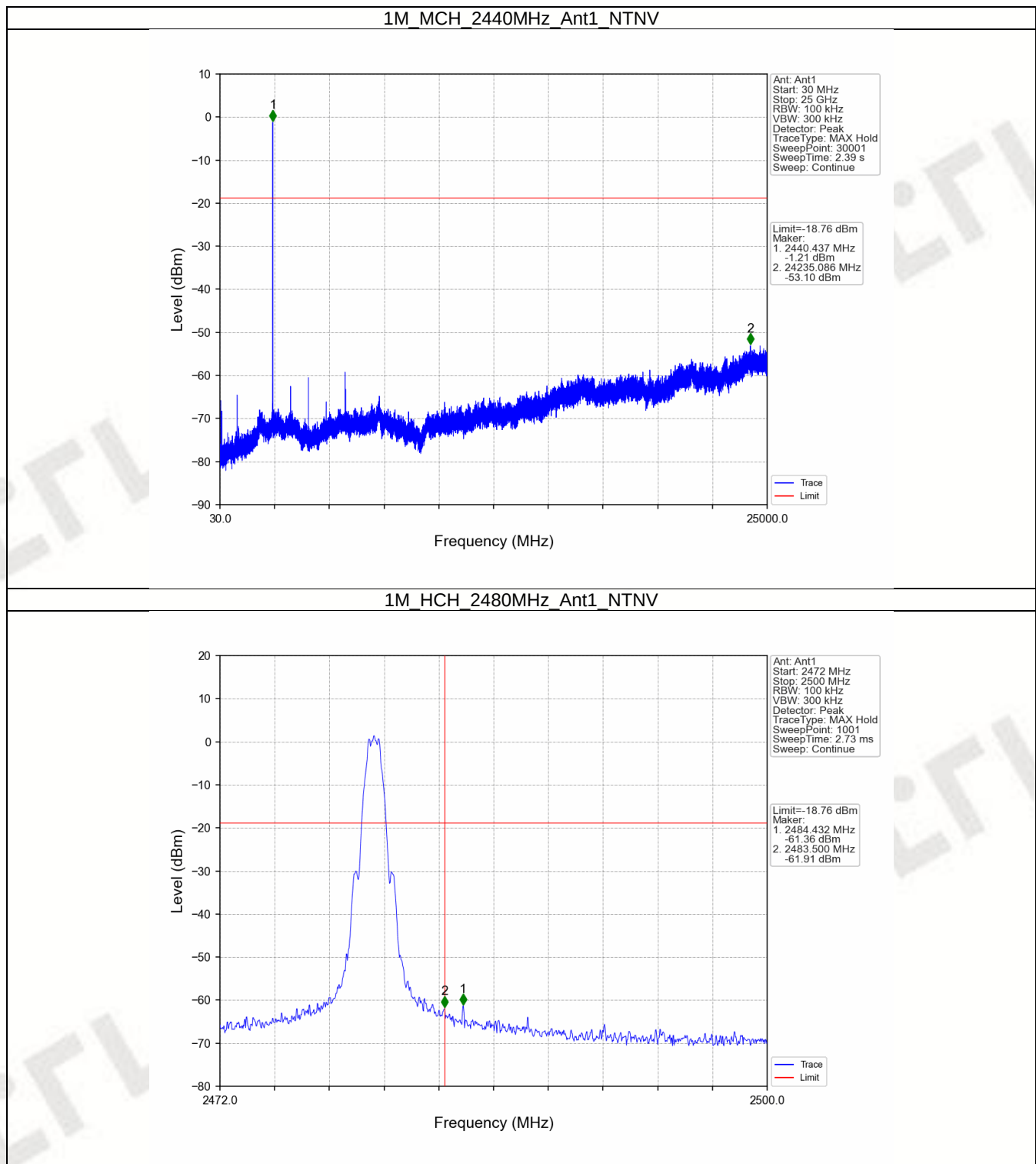
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	1.24	-18.76	Pass
		2440	1	1.24	-18.76	Pass
		2480	1	1.24	-18.76	Pass
2M	SISO	2402	1	0.61	-19.39	Pass
		2440	1	0.61	-19.39	Pass
		2480	1	0.61	-19.39	Pass
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.						

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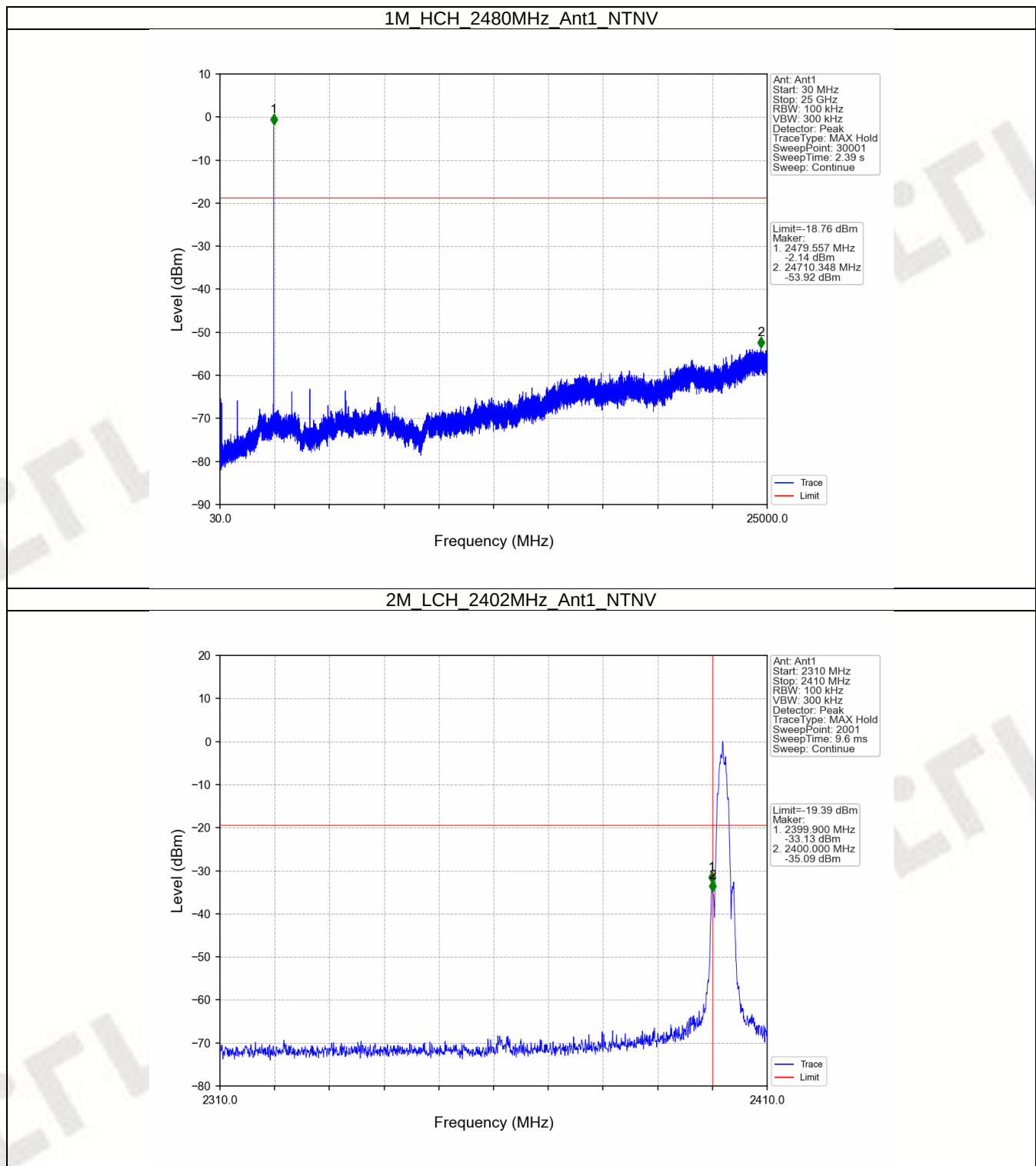
4.2.2 Test Graph



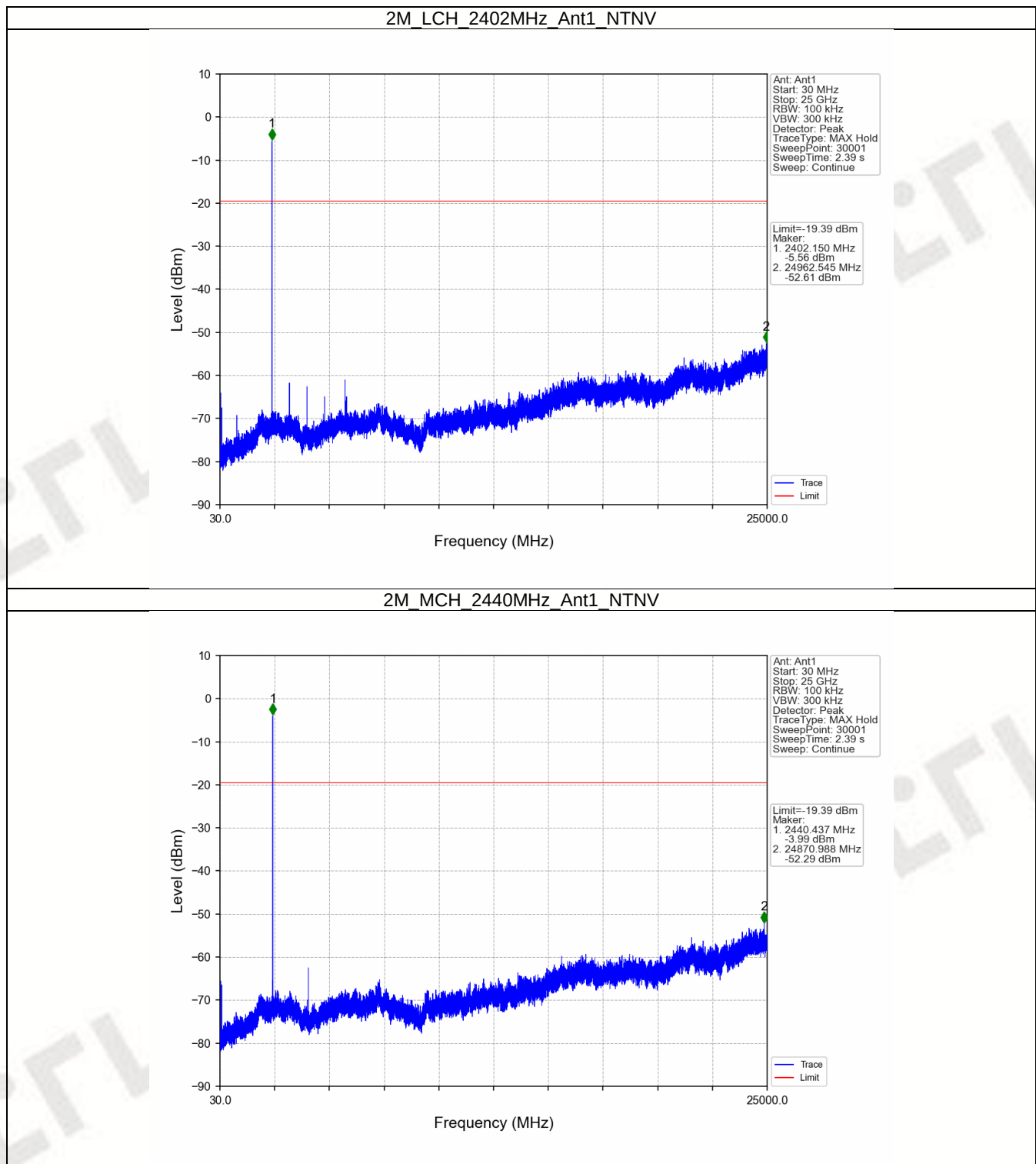
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