



Annex for BLE

Test Report No.: CTL2403293042-WF02

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1. Bandwidth

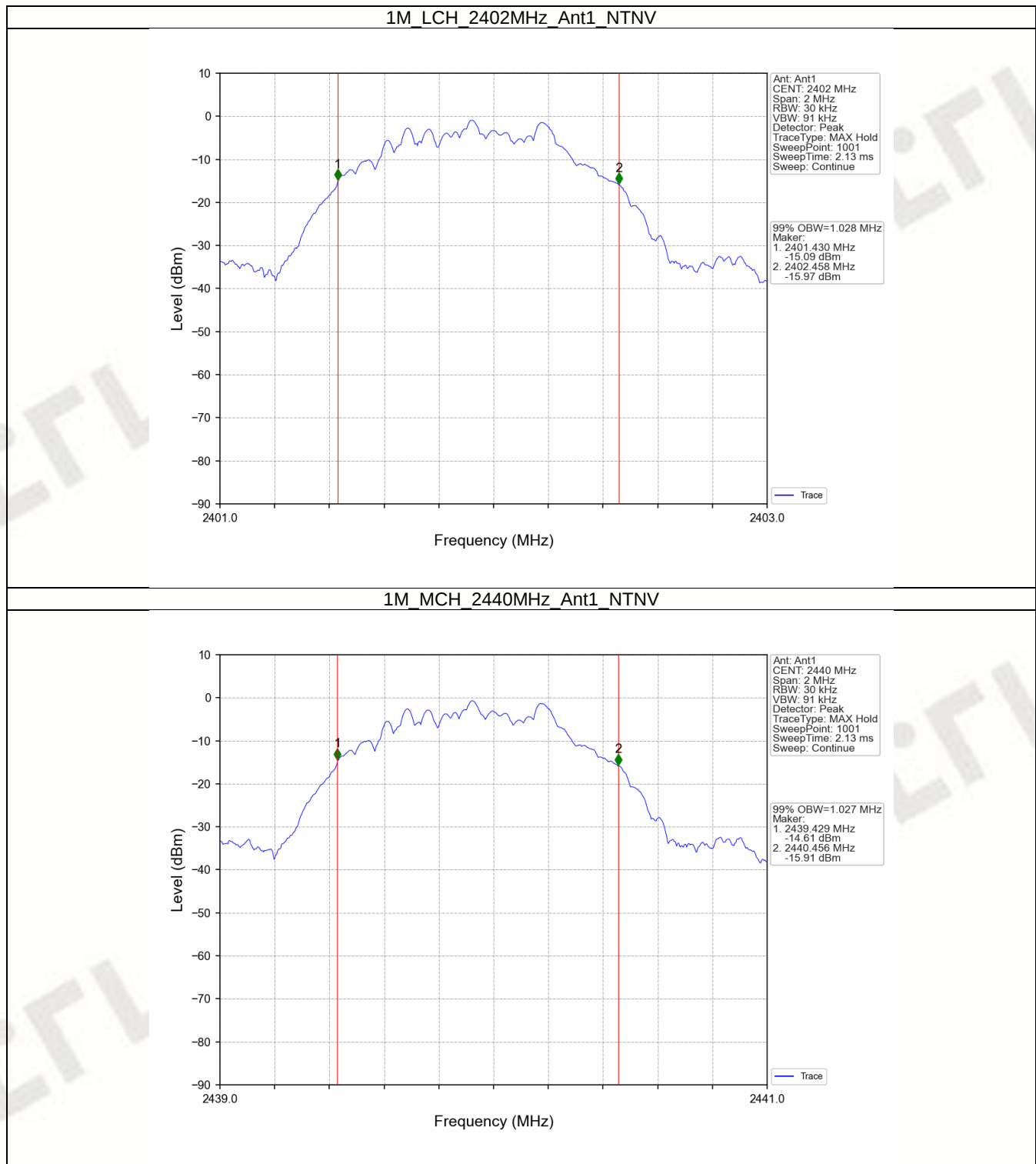
1.1 OBW

1.1.1 Test Result

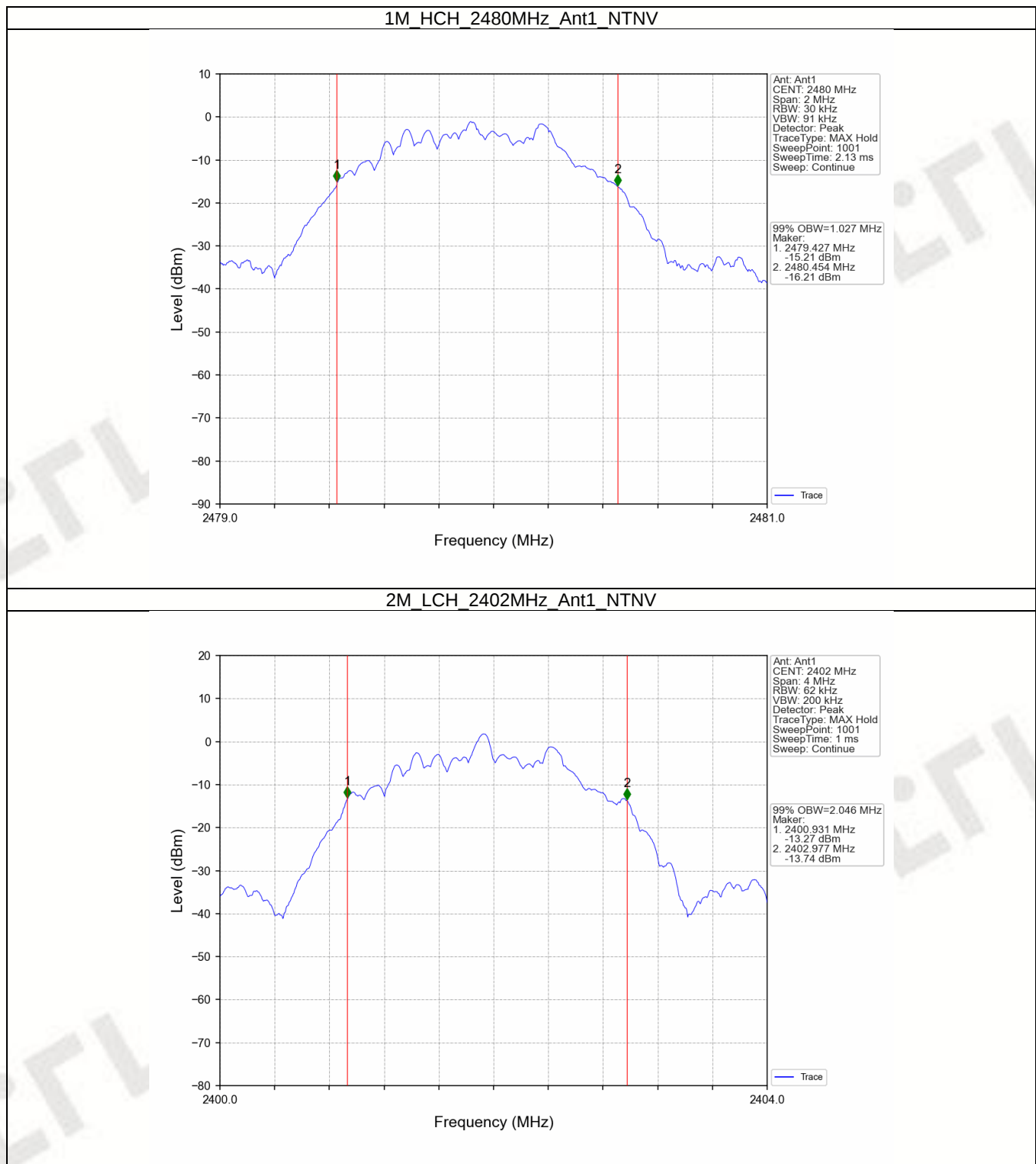
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	1.028	/	Pass
		2440	1	1.027	/	Pass
		2480	1	1.027	/	Pass
2M	SISO	2402	1	2.046	/	Pass
		2440	1	2.046	/	Pass
		2480	1	2.044	/	Pass

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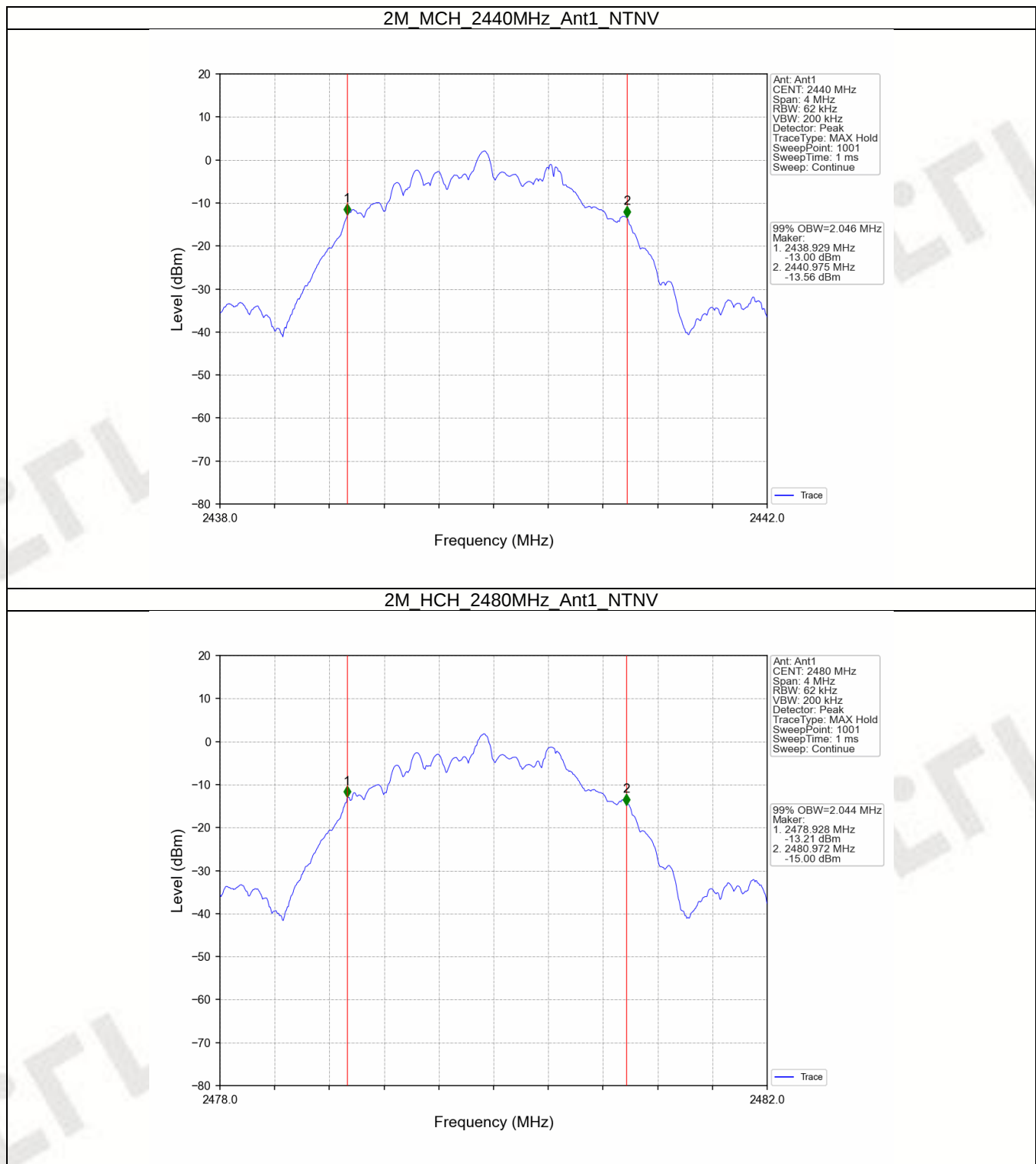
1.1.2 Test Graph



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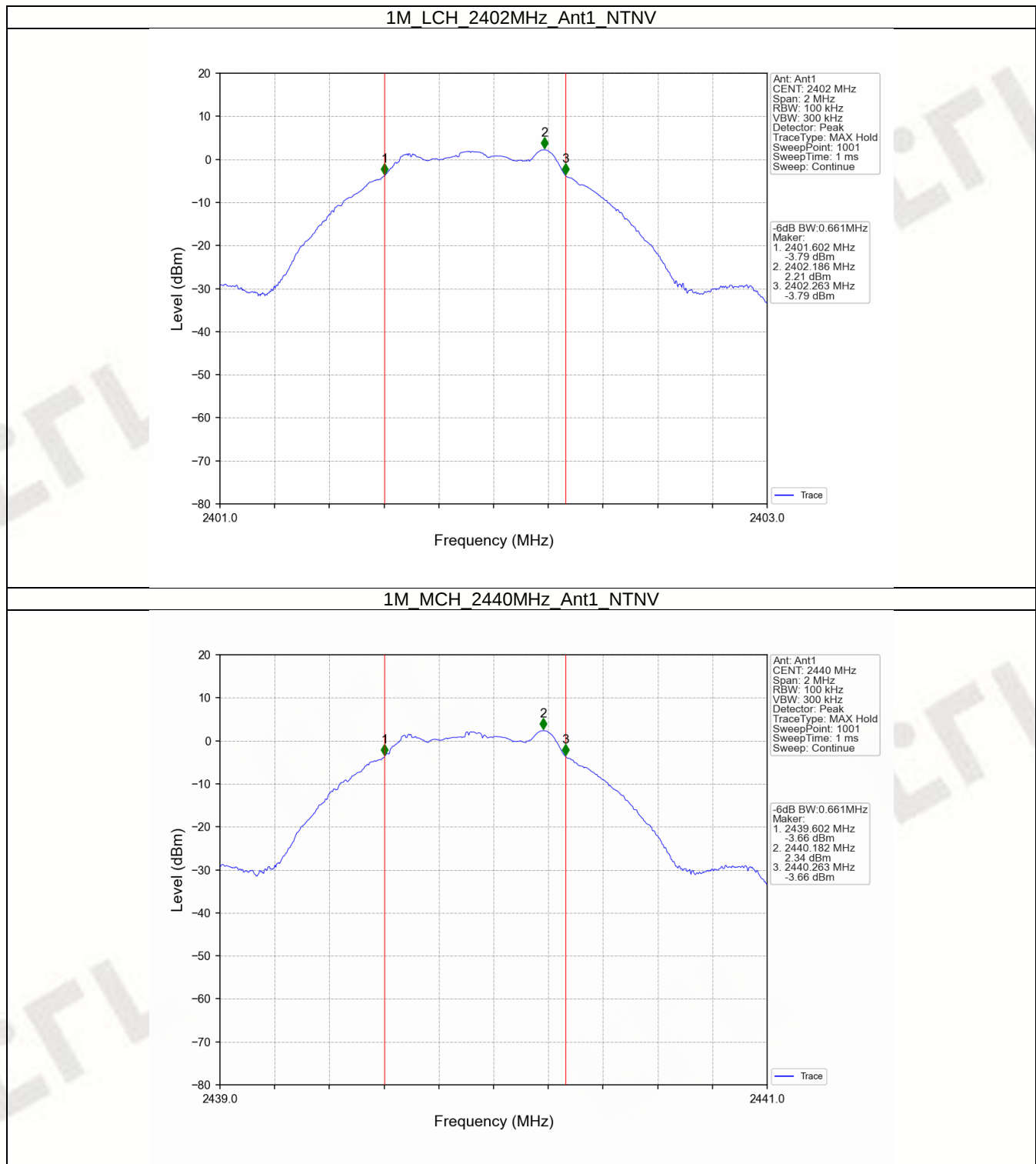


1.2 6dB BW**1.2.1 Test Result**

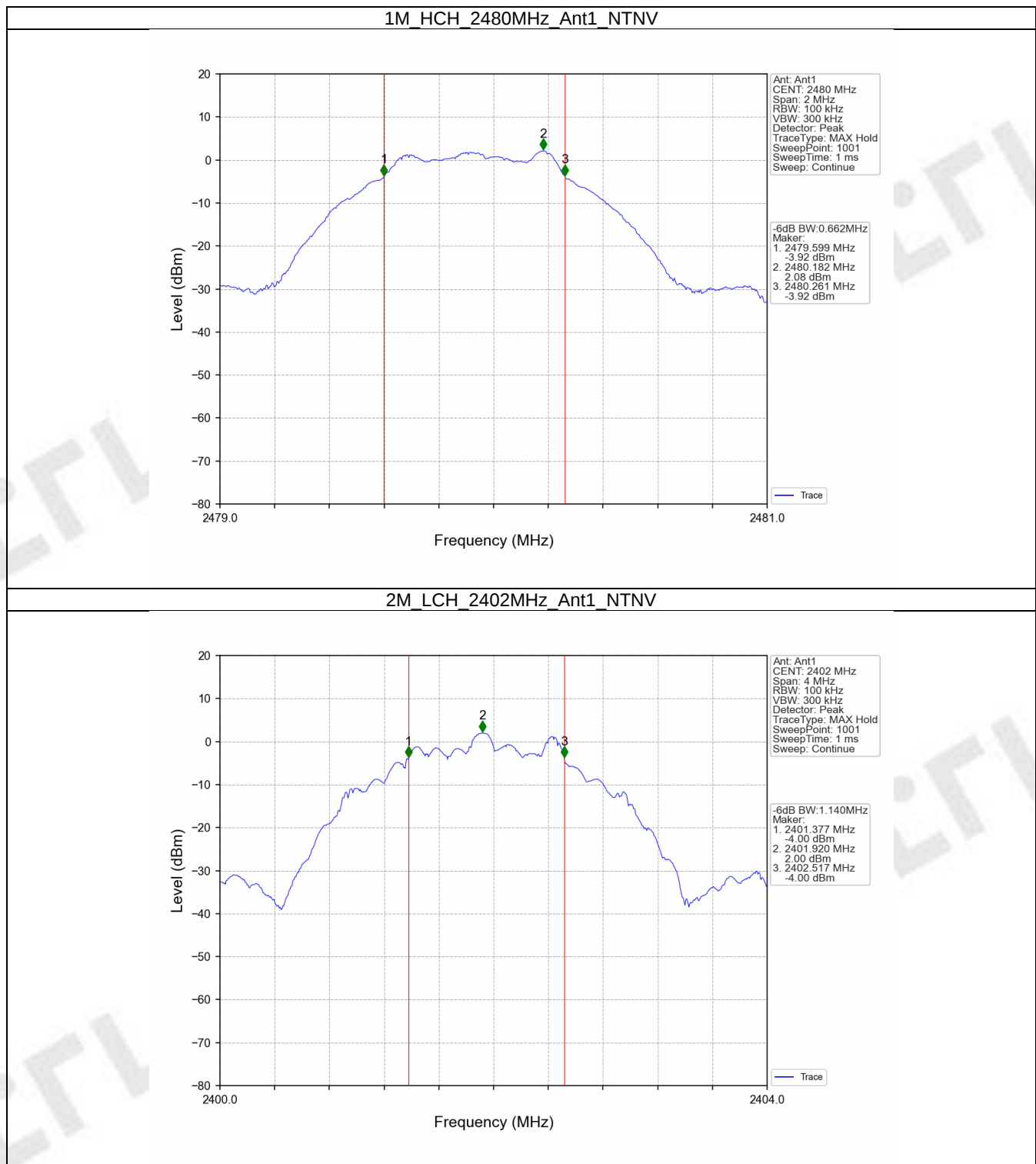
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.661	≥ 0.5	Pass
		2440	1	0.661	≥ 0.5	Pass
		2480	1	0.662	≥ 0.5	Pass
2M	SISO	2402	1	1.140	≥ 0.5	Pass
		2440	1	1.146	≥ 0.5	Pass
		2480	1	1.144	≥ 0.5	Pass

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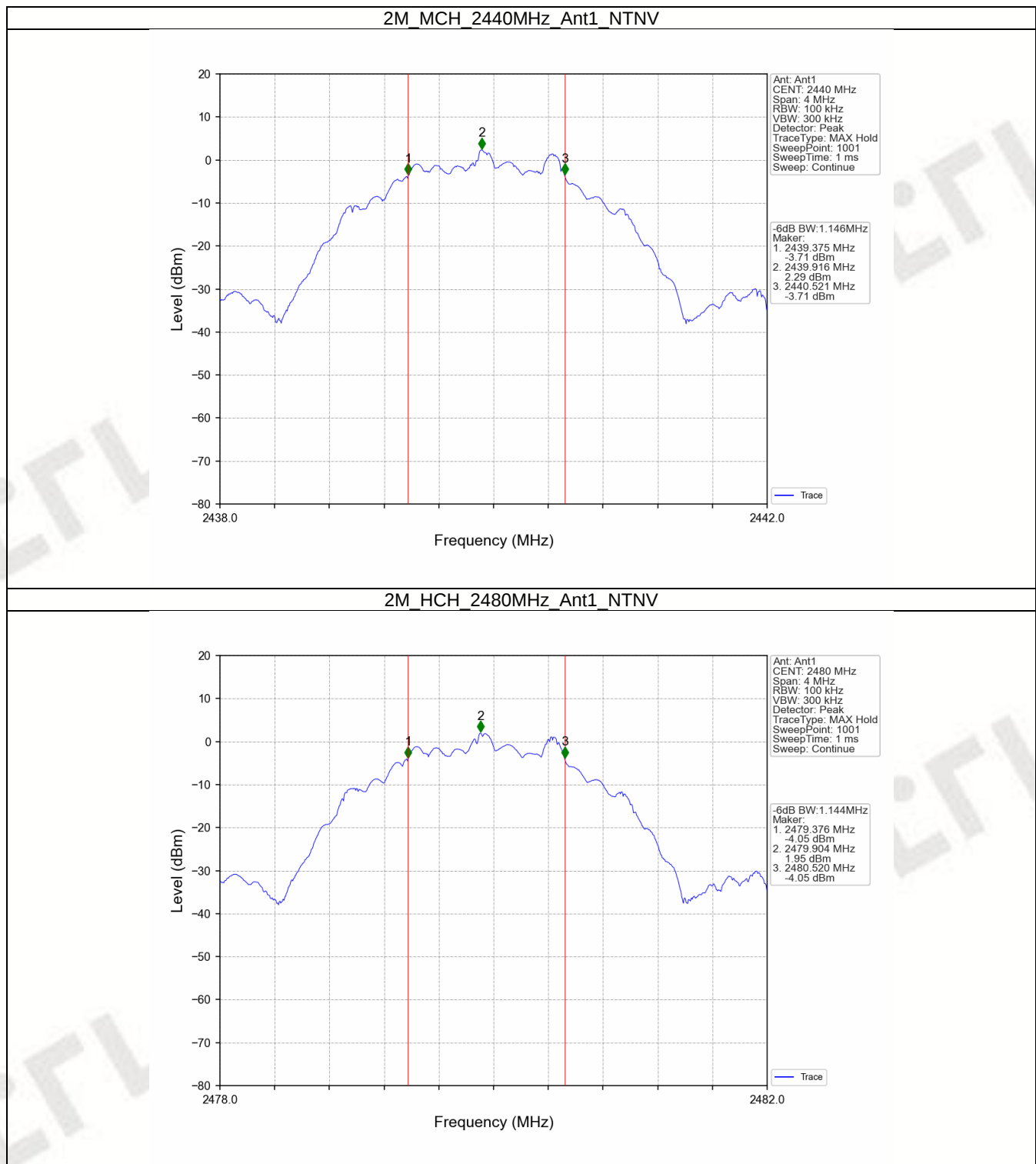
1.2.2 Test Graph



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2. Maximum Conducted Output Power

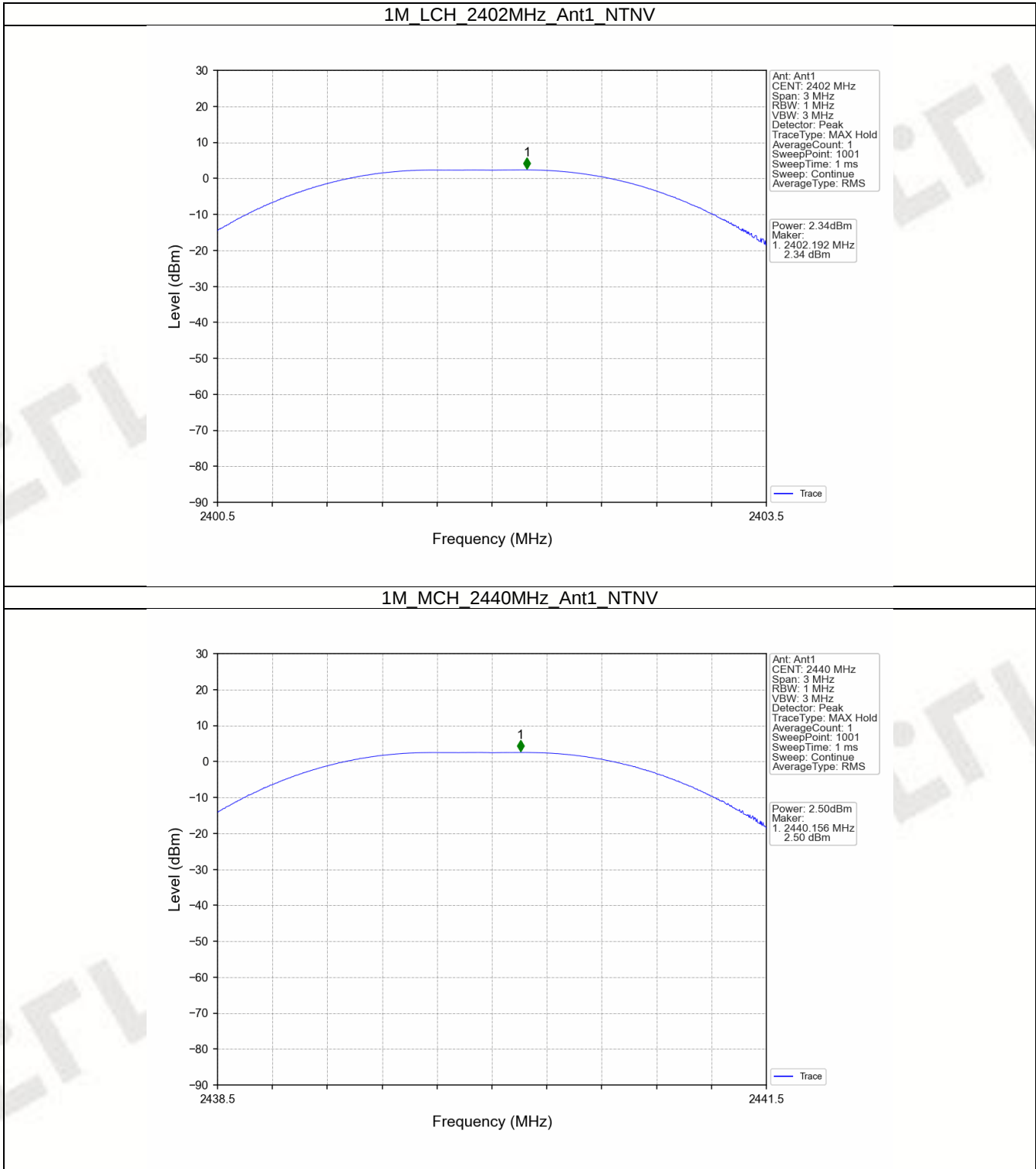
2.1 Power

2.1.1 Test Result

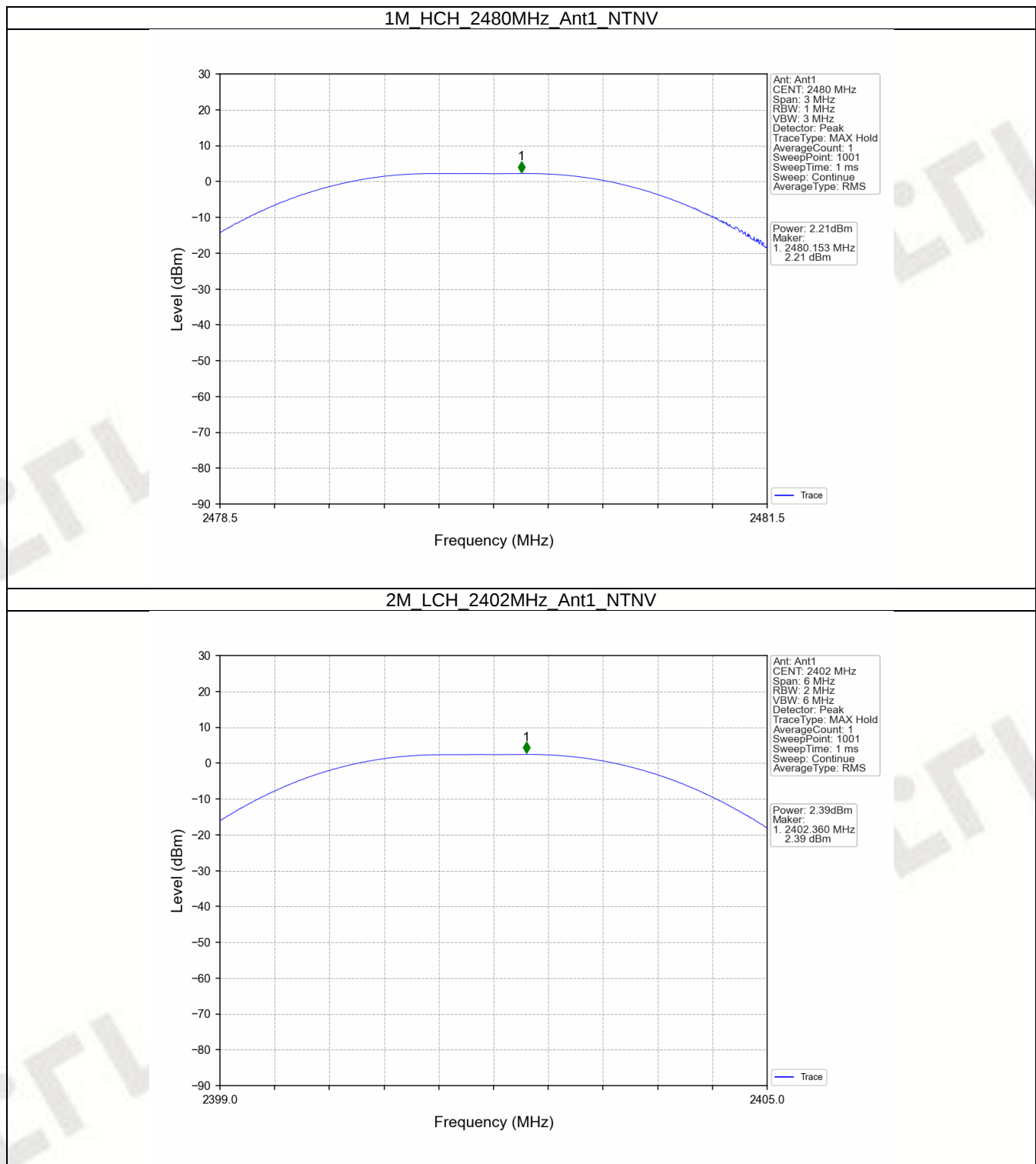
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	2.34	<=30	Pass
		2440	2.50	<=30	Pass
		2480	2.21	<=30	Pass
2M	SISO	2402	2.39	<=30	Pass
		2440	2.63	<=30	Pass
		2480	2.36	<=30	Pass
Note1: Antenna Gain: Ant1: 2.13dBi;					

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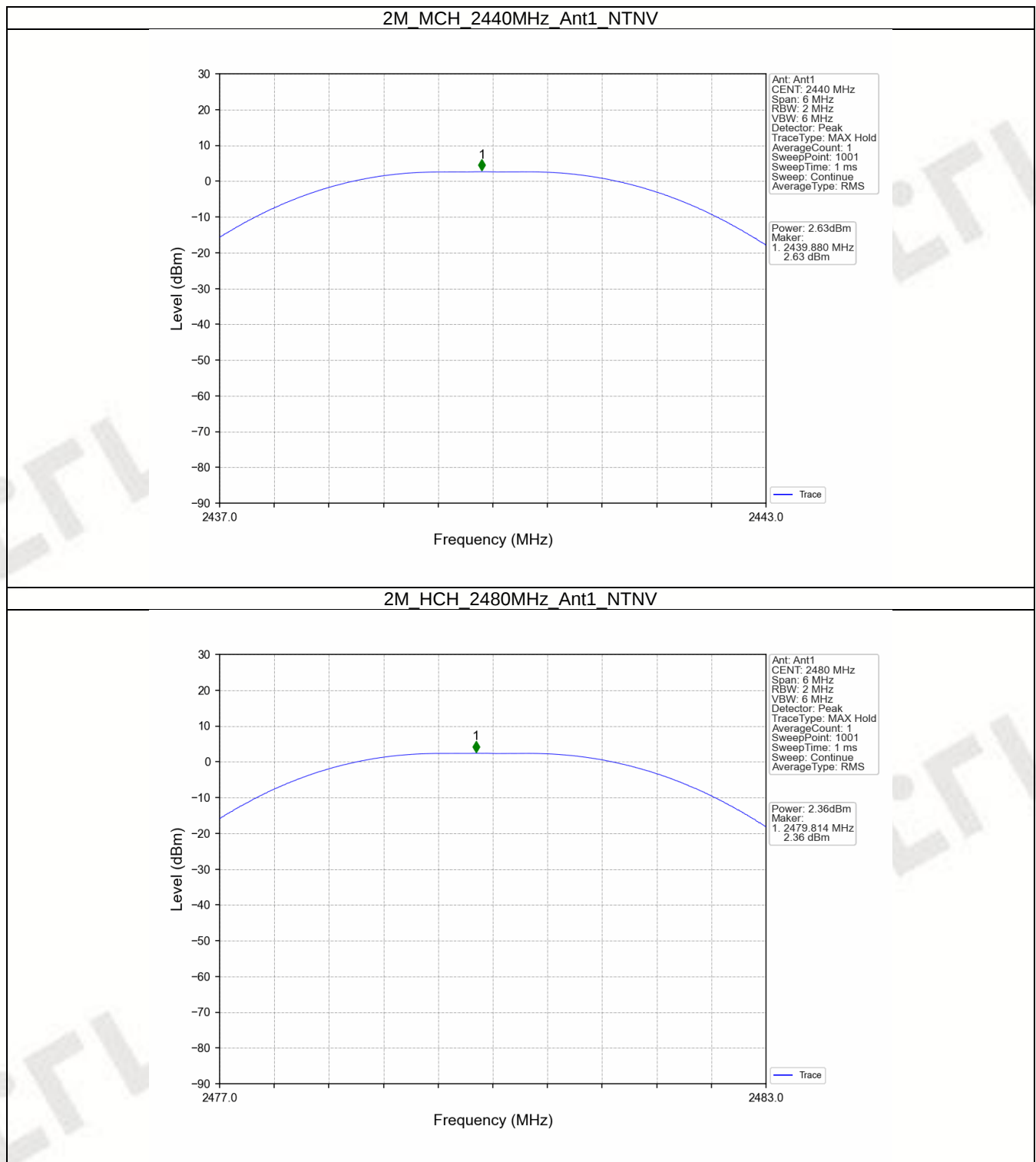
2.1.2 Test Graph



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3. Maximum Power Spectral Density

3.1 PSD

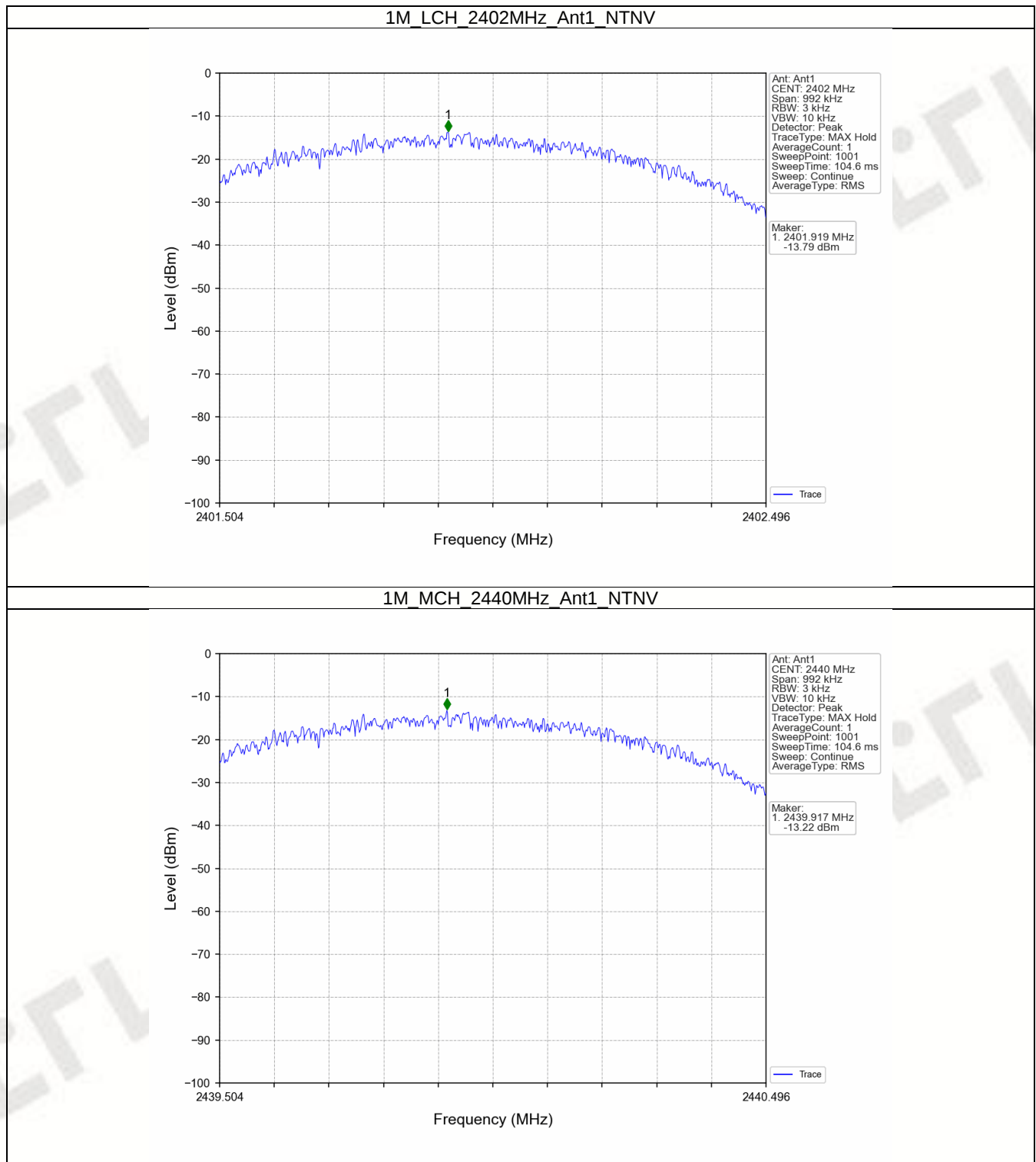
3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
1M	SISO	2402	-13.79	<=8	Pass
		2440	-13.22	<=8	Pass
		2480	-13.71	<=8	Pass
2M	SISO	2402	-15.75	<=8	Pass
		2440	-15.78	<=8	Pass
		2480	-16.30	<=8	Pass

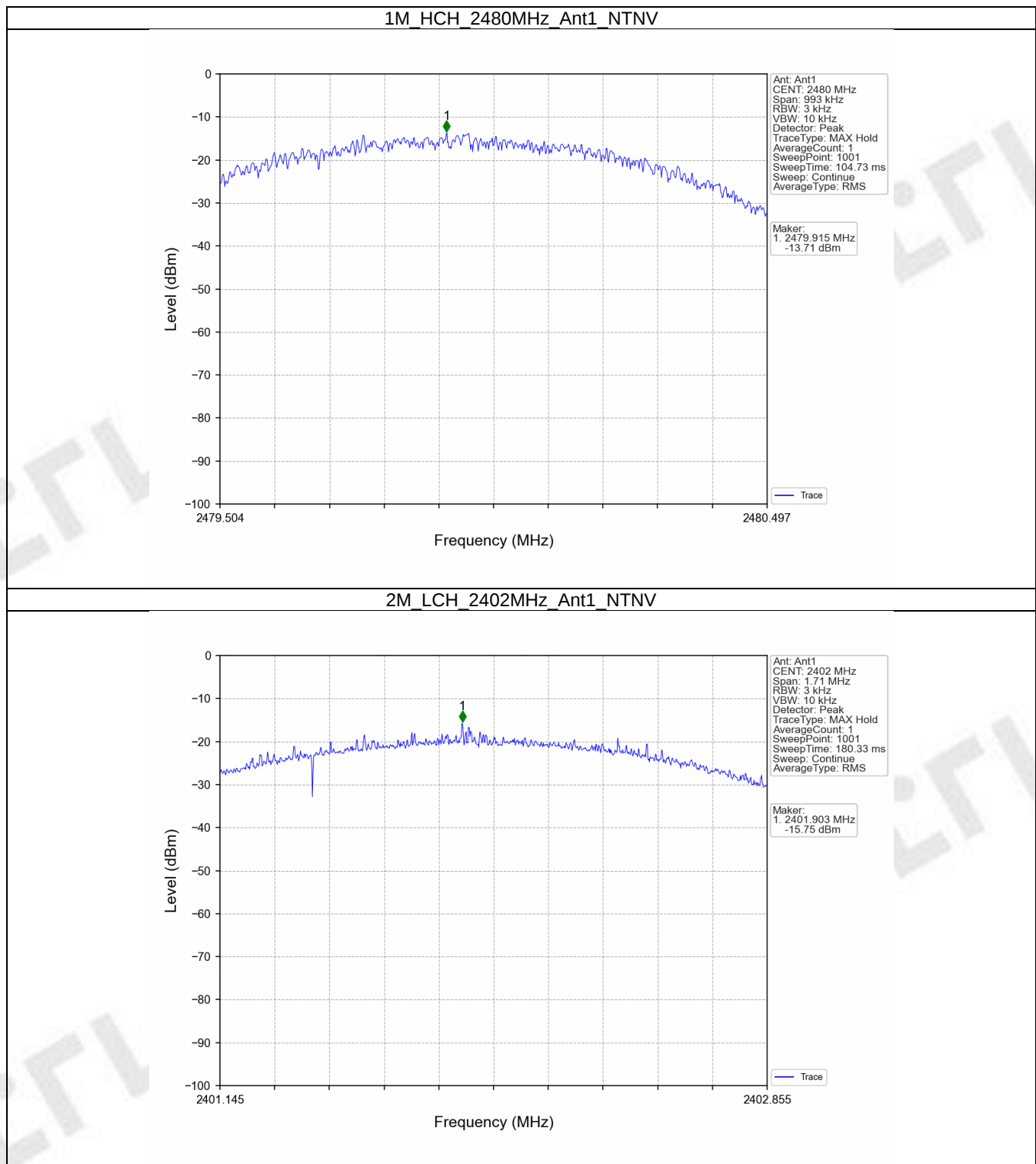
Note1: Antenna Gain: Ant1: 2.13dBi;

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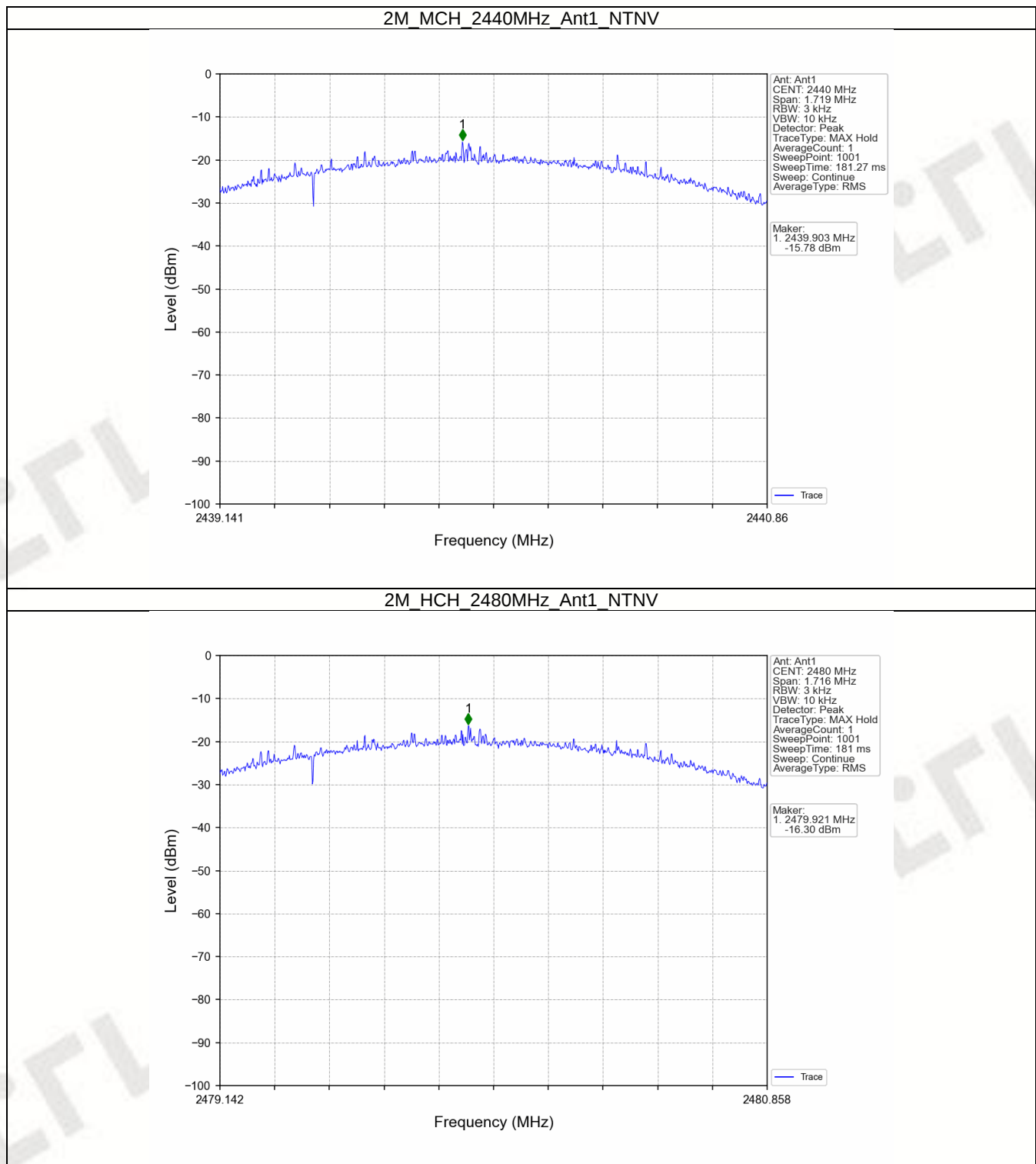
3.1.2 Test Graph



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4. Unwanted Emissions In Non-restricted Frequency Bands

4.1 Ref

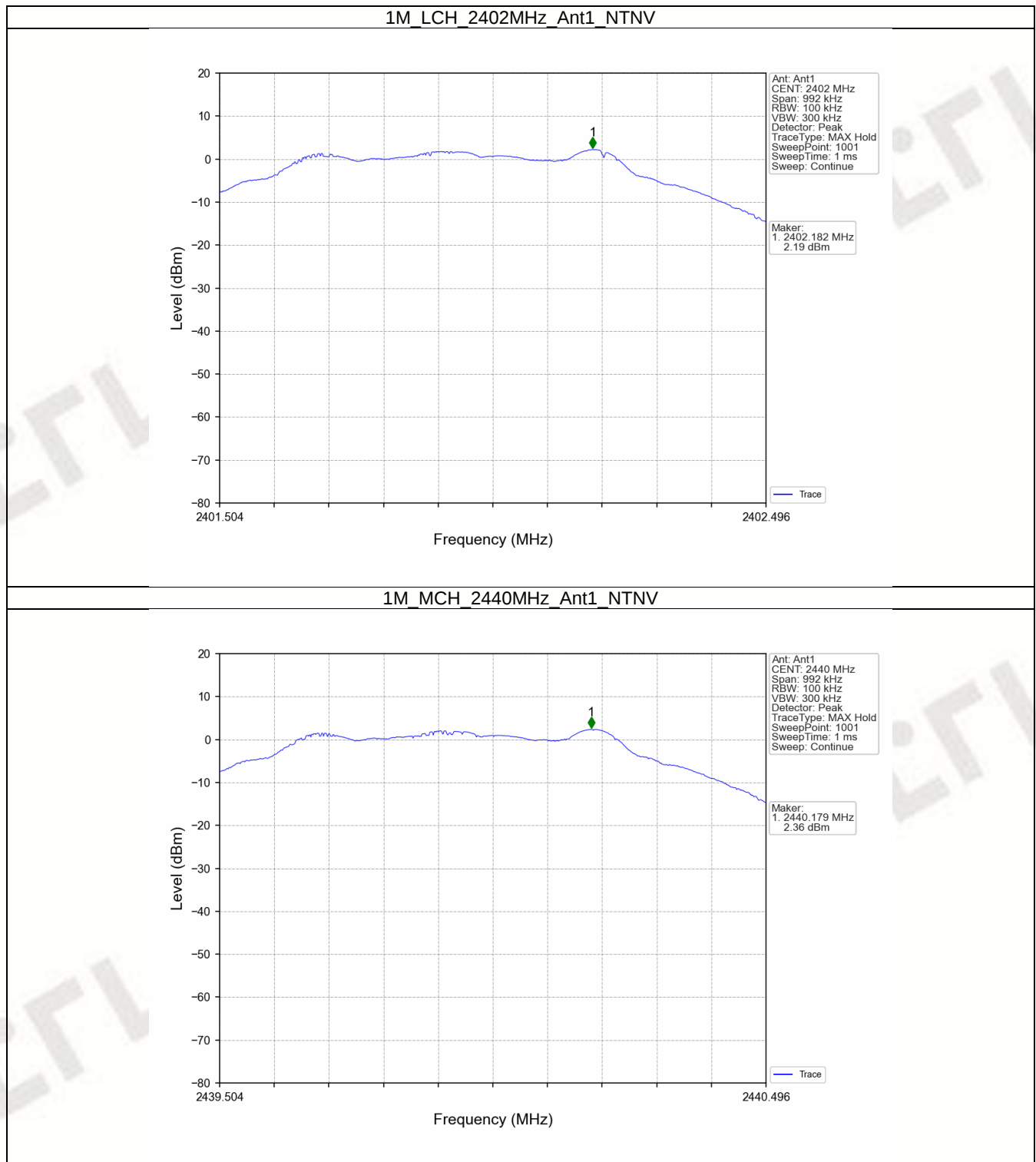
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	2.19
		2440	1	2.36
		2480	1	2.08
2M	SISO	2402	1	1.81
		2440	1	2.13
		2480	1	1.81

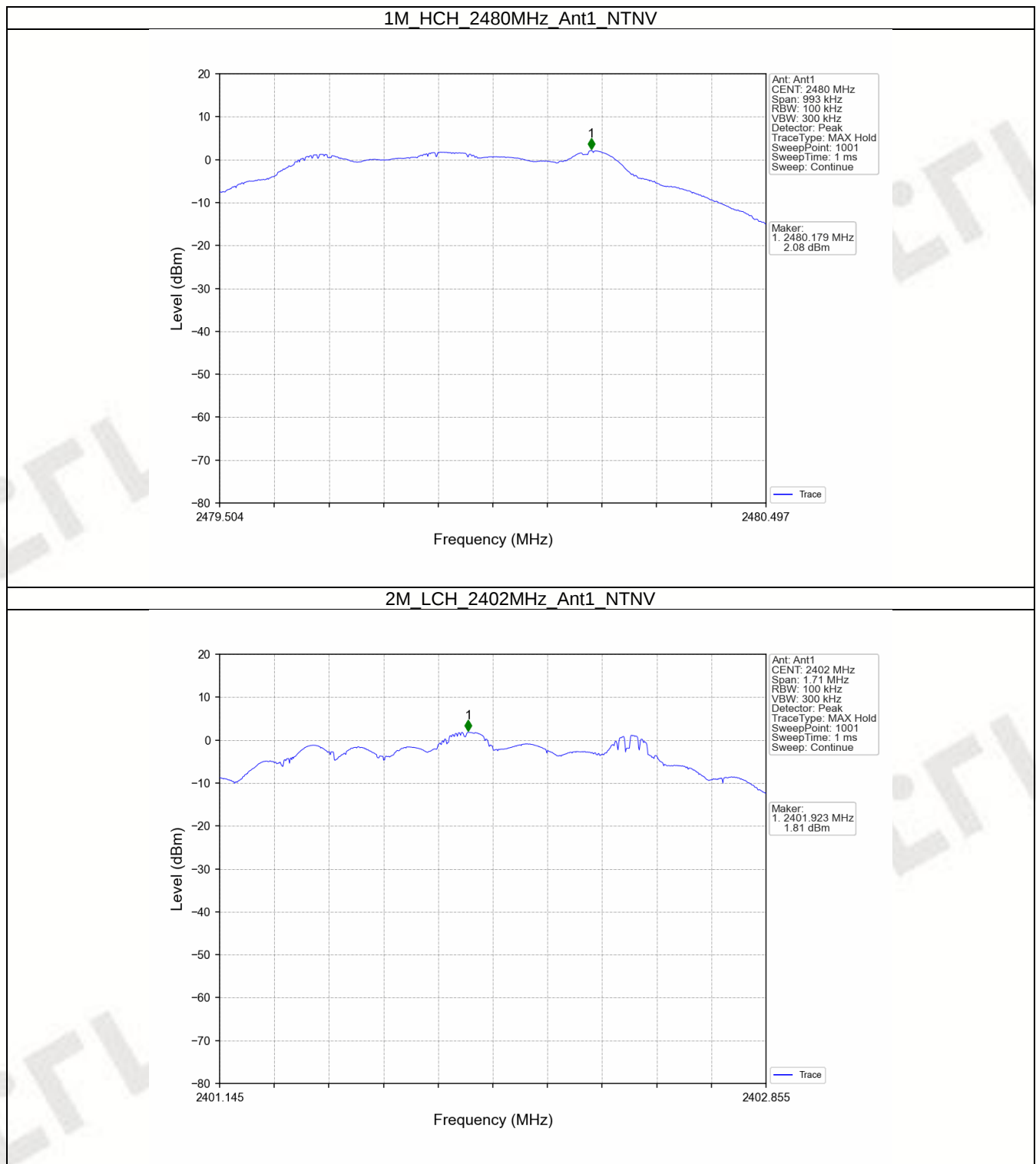
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

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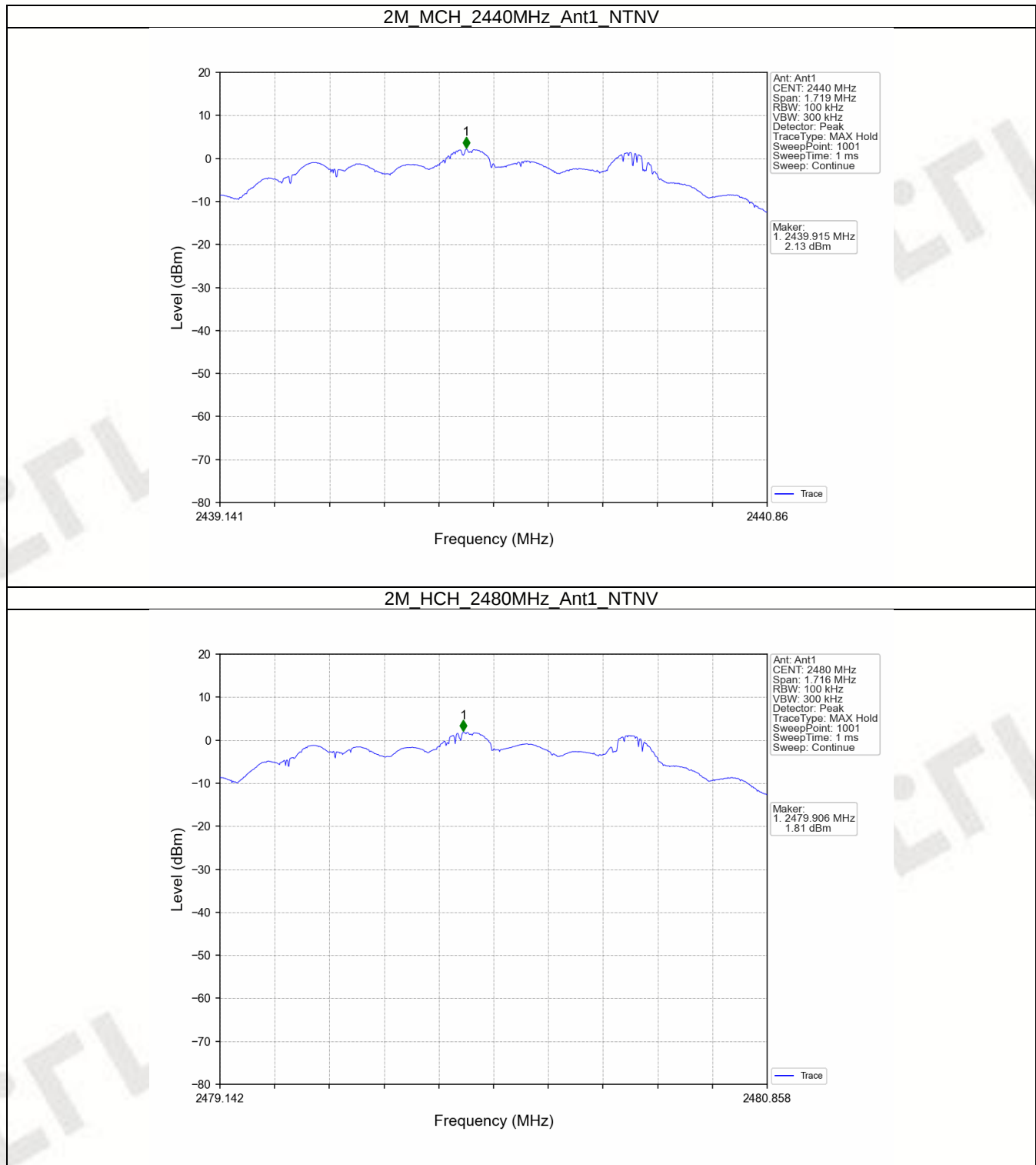
4.1.2 Test Graph



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4.2 CSE

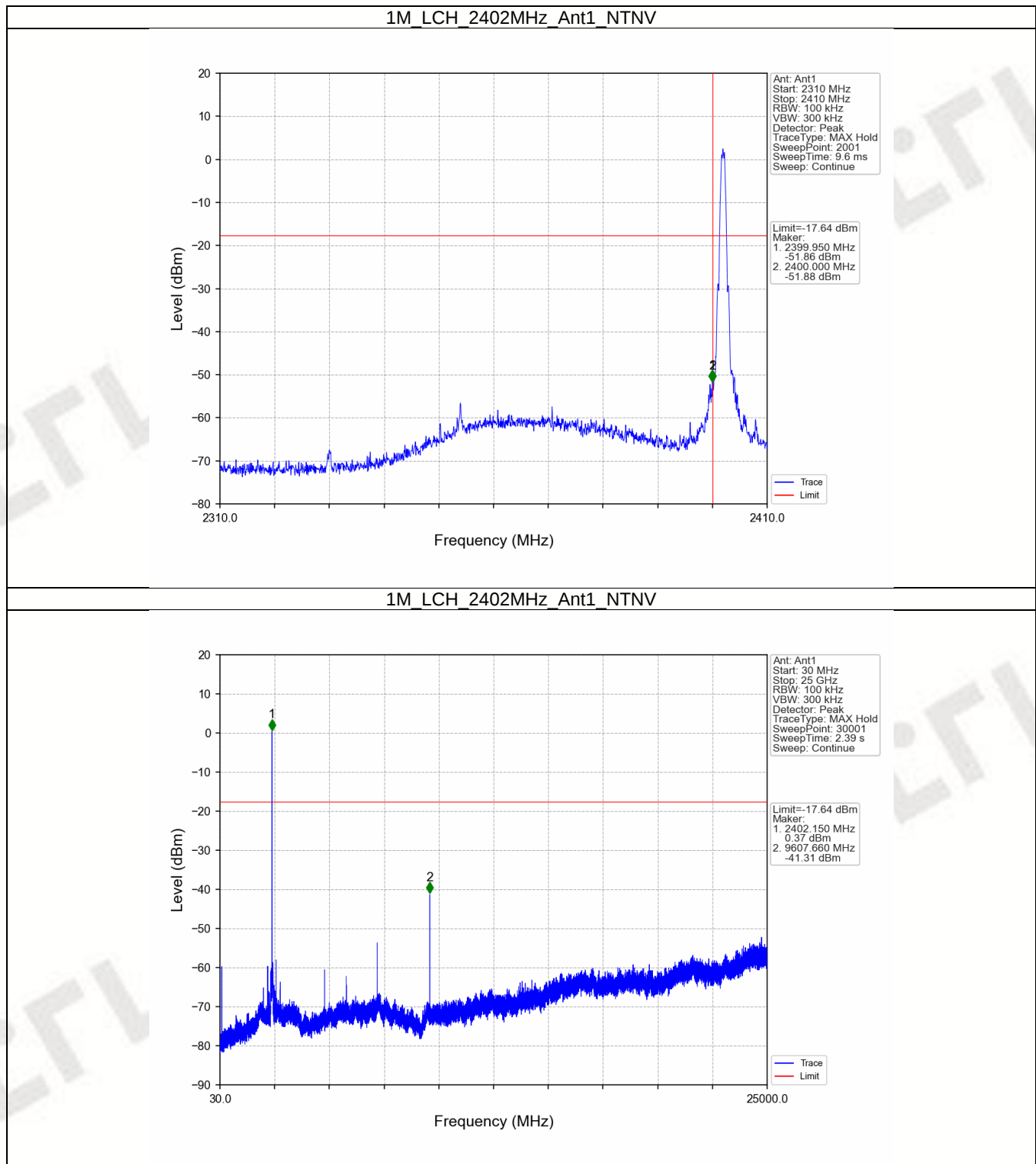
4.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	2.36	-17.64	Pass
		2440	1	2.36	-17.64	Pass
		2480	1	2.36	-17.64	Pass
2M	SISO	2402	1	2.13	-17.87	Pass
		2440	1	2.13	-17.87	Pass
		2480	1	2.13	-17.87	Pass

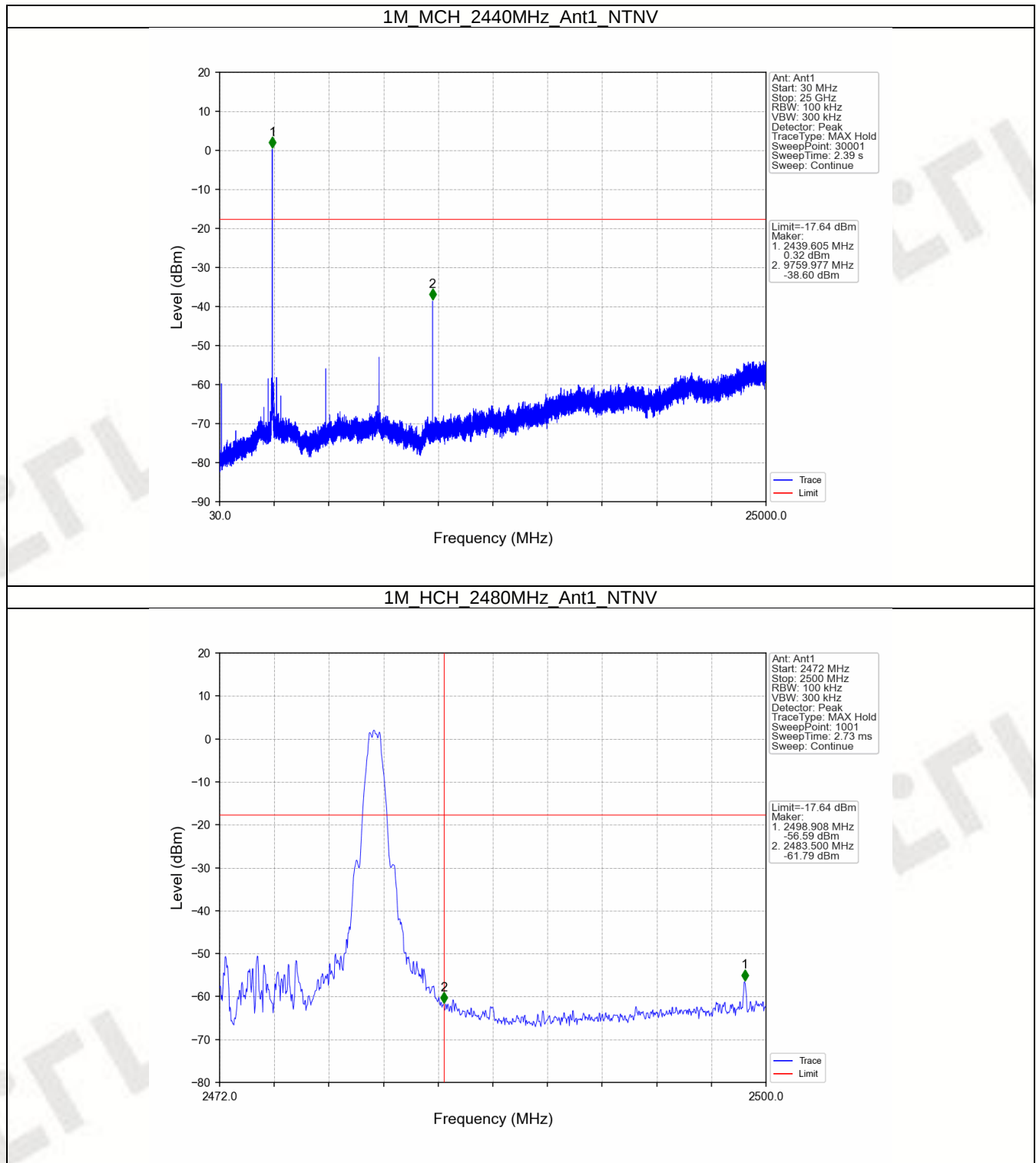
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

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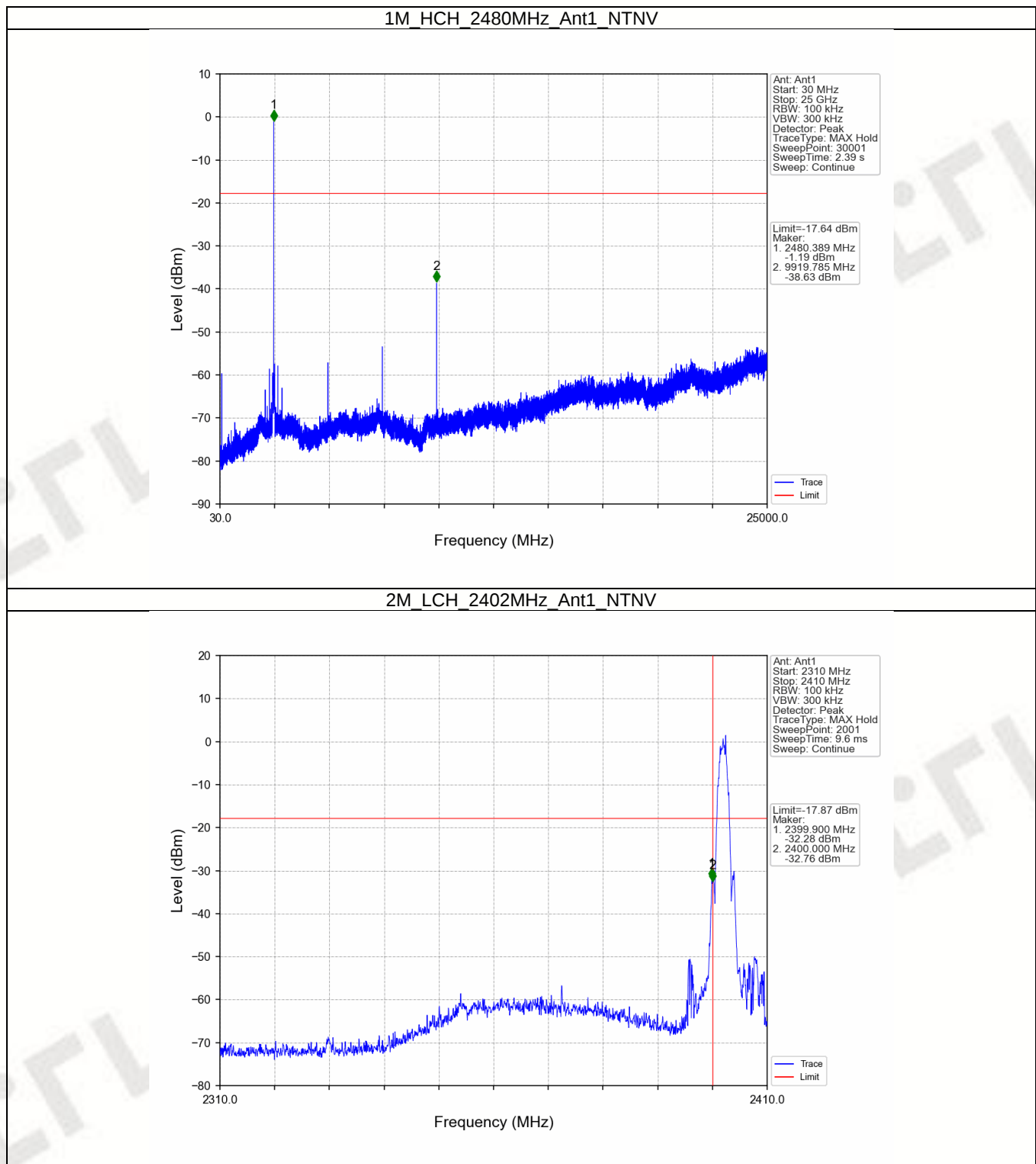
4.2.2 Test Graph



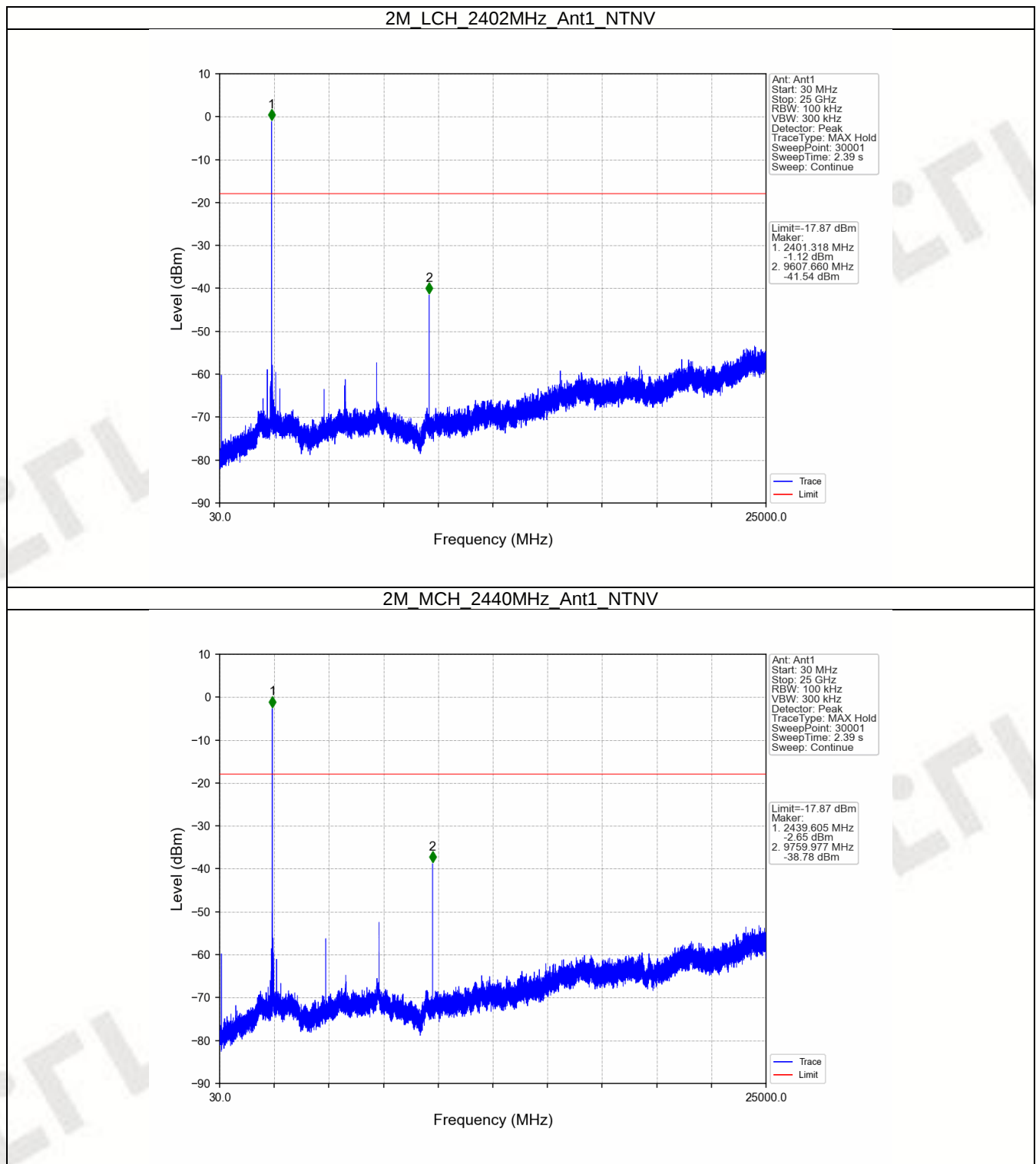
FCCID: 2AOM3-P73



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