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Annex for BLE

Test Report No.: CTL2405071031-WF02

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1. Bandwidth

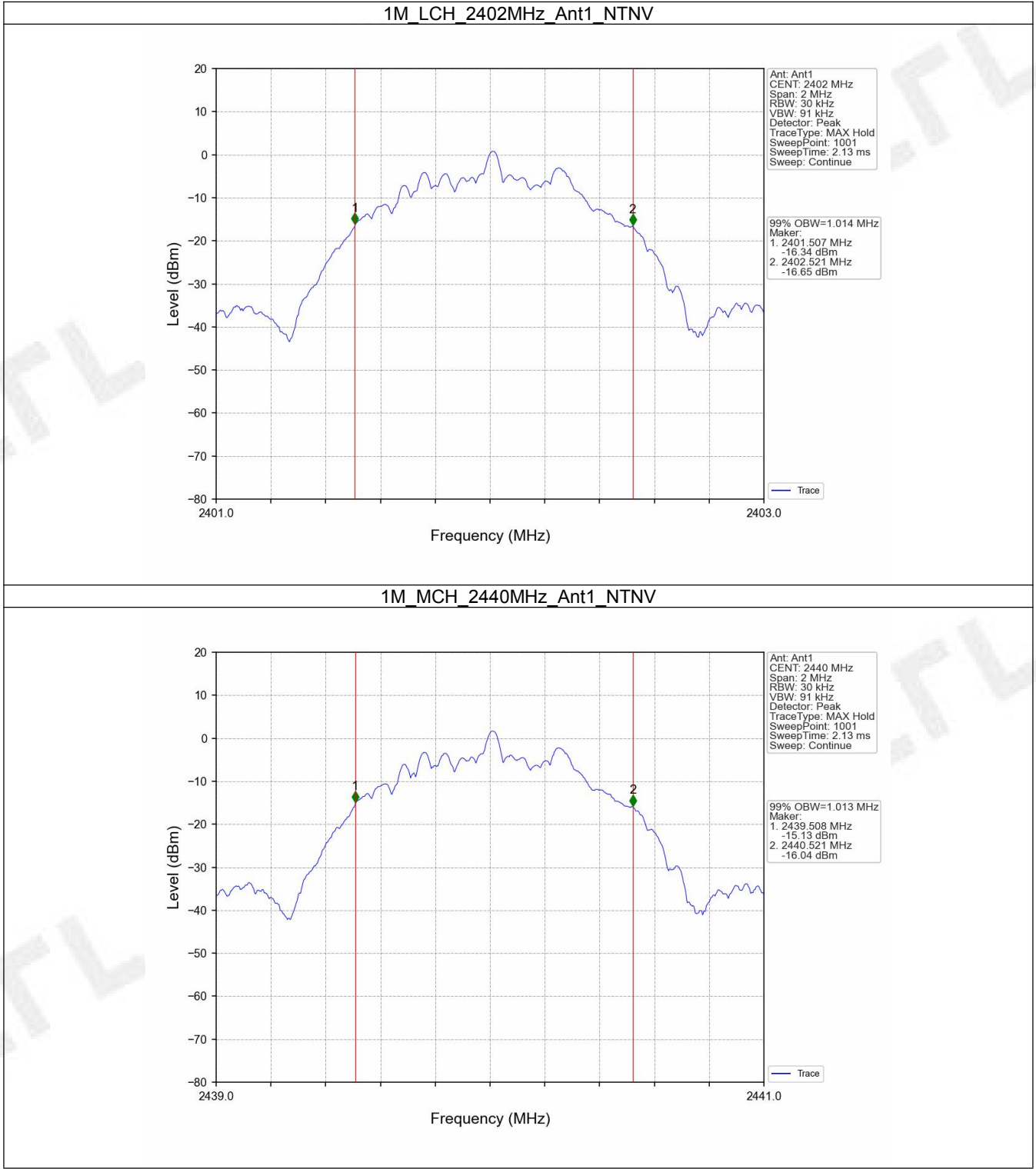
1.1 OBW

1.1.1 Test Result

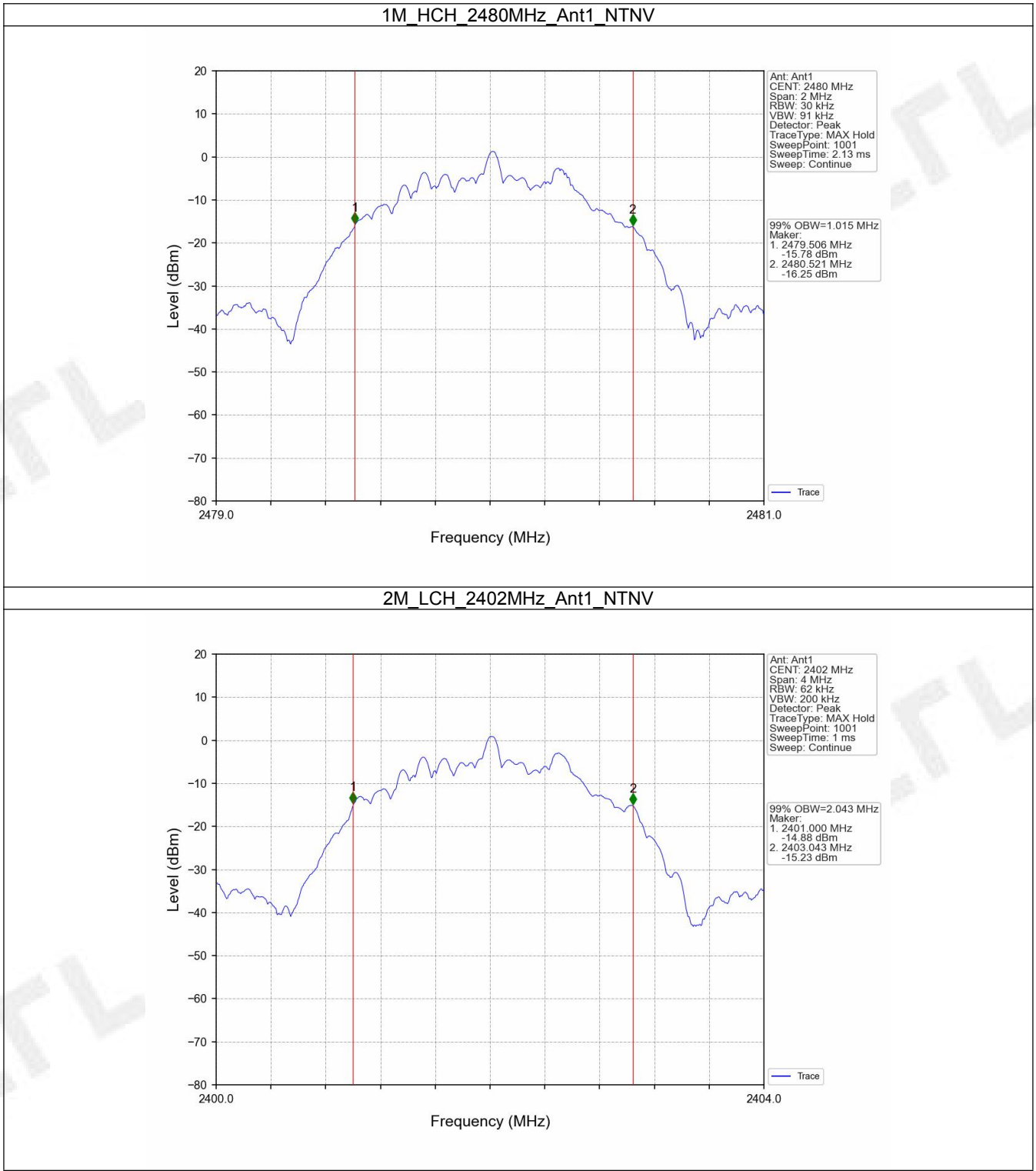
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	1.014	/	Pass
		2440	1	1.013	/	Pass
		2480	1	1.015	/	Pass
2M	SISO	2402	1	2.043	/	Pass
		2440	1	2.043	/	Pass
		2480	1	2.038	/	Pass

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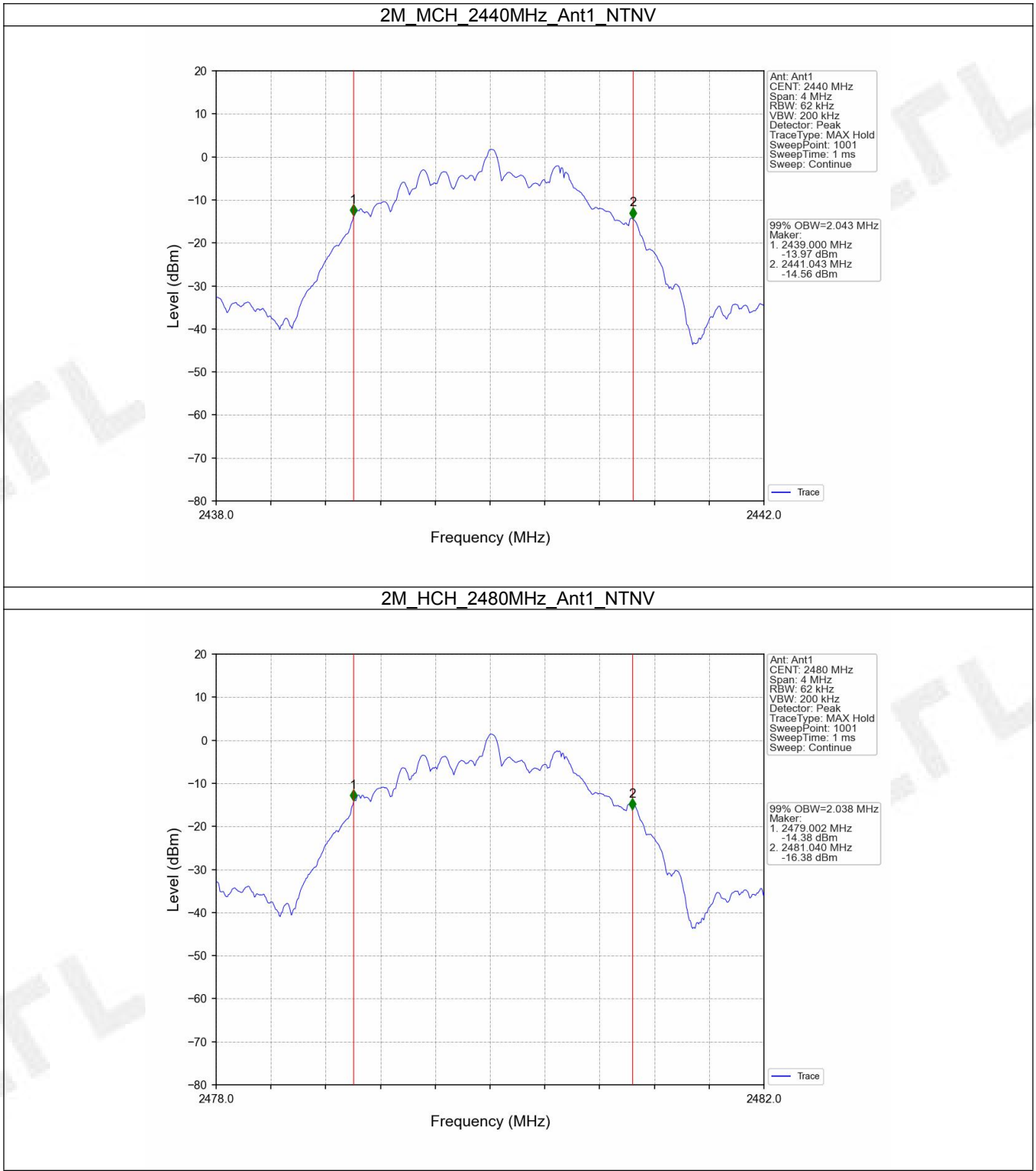
1.1.2 Test Graph



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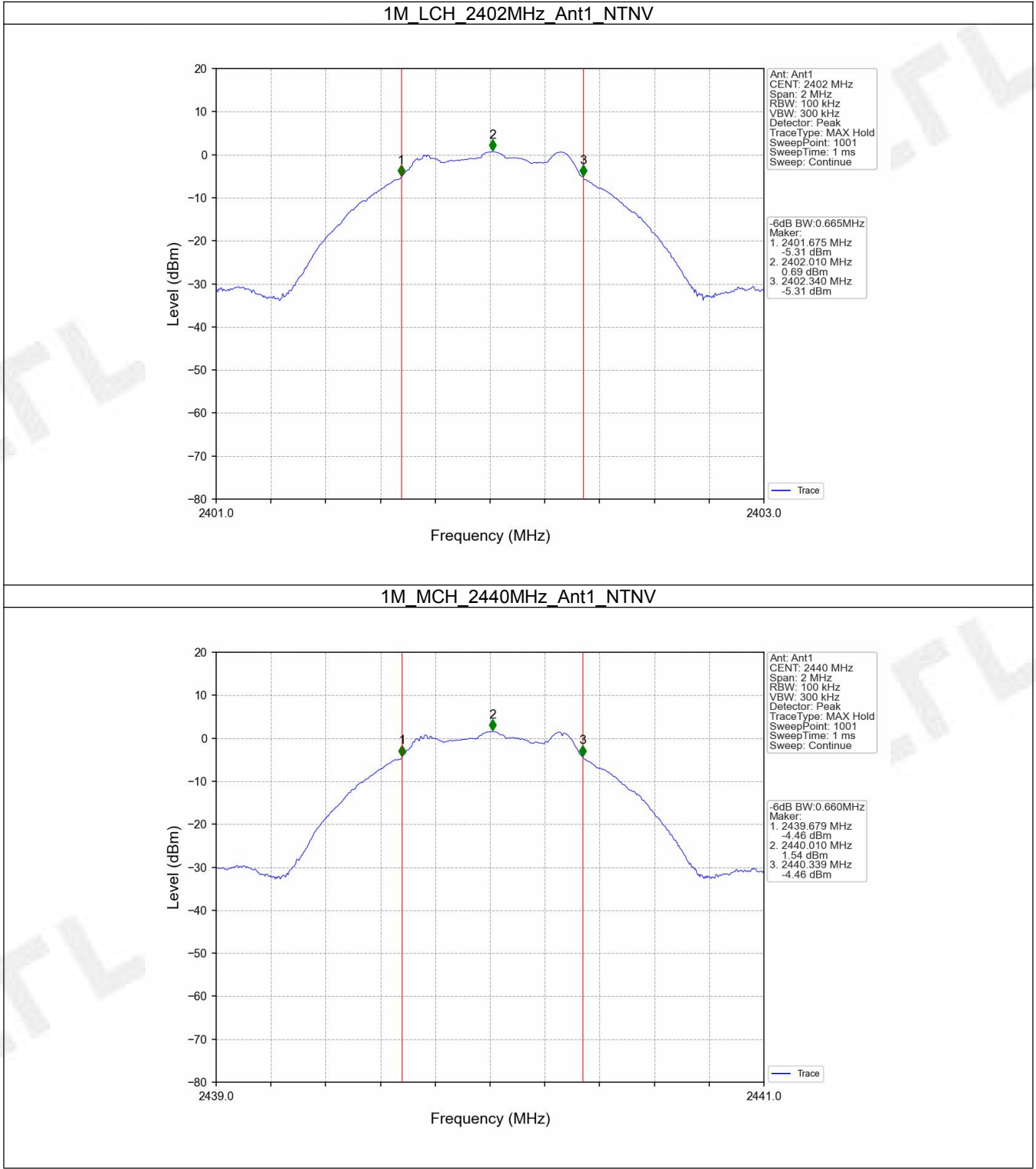
1.2 6dB BW

1.2.1 Test Result

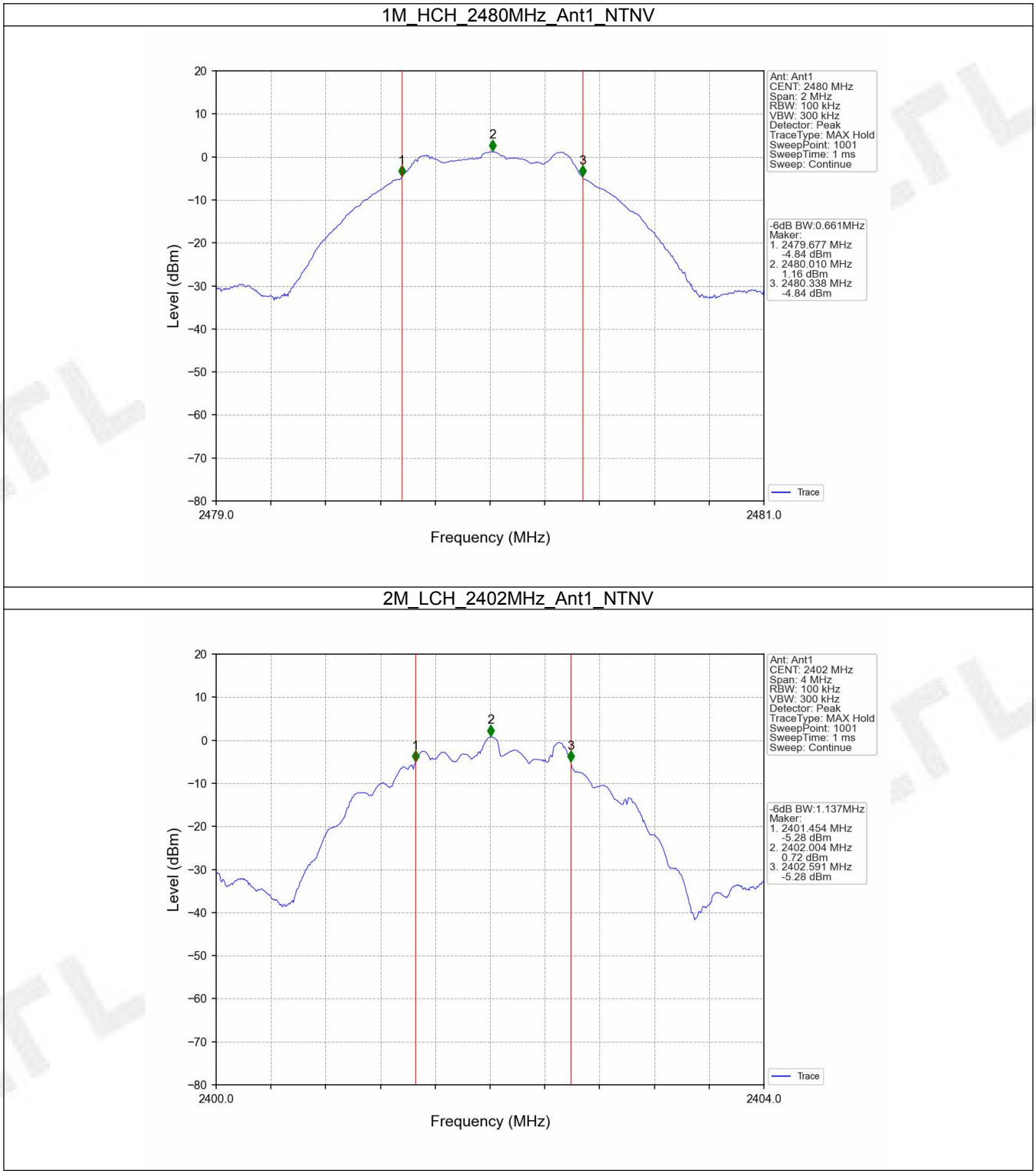
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.665	≥ 0.5	Pass
		2440	1	0.660	≥ 0.5	Pass
		2480	1	0.661	≥ 0.5	Pass
2M	SISO	2402	1	1.137	≥ 0.5	Pass
		2440	1	1.136	≥ 0.5	Pass
		2480	1	1.138	≥ 0.5	Pass

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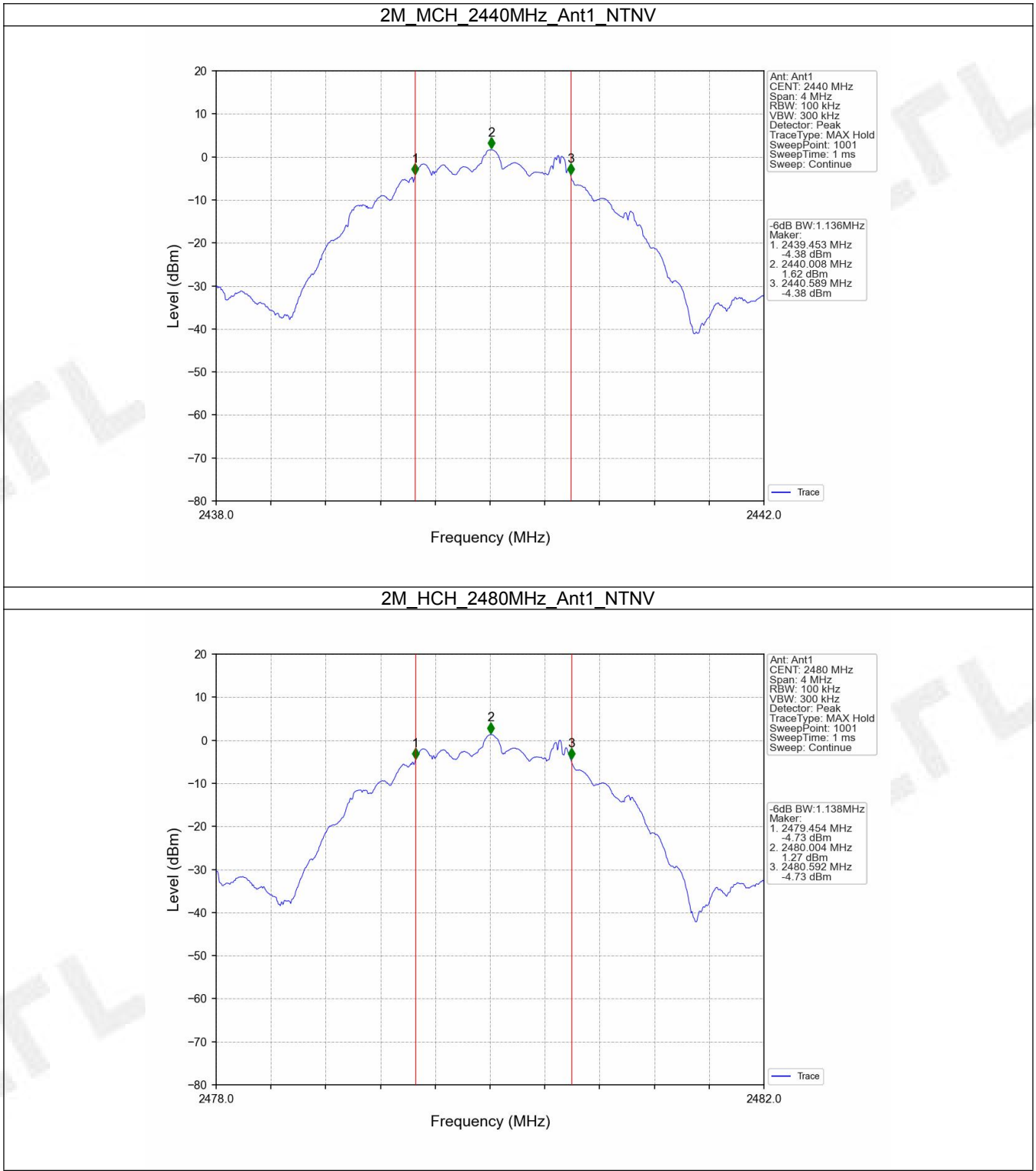
1.2.2 Test Graph



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2. Maximum Conducted Output Power

2.1 Power

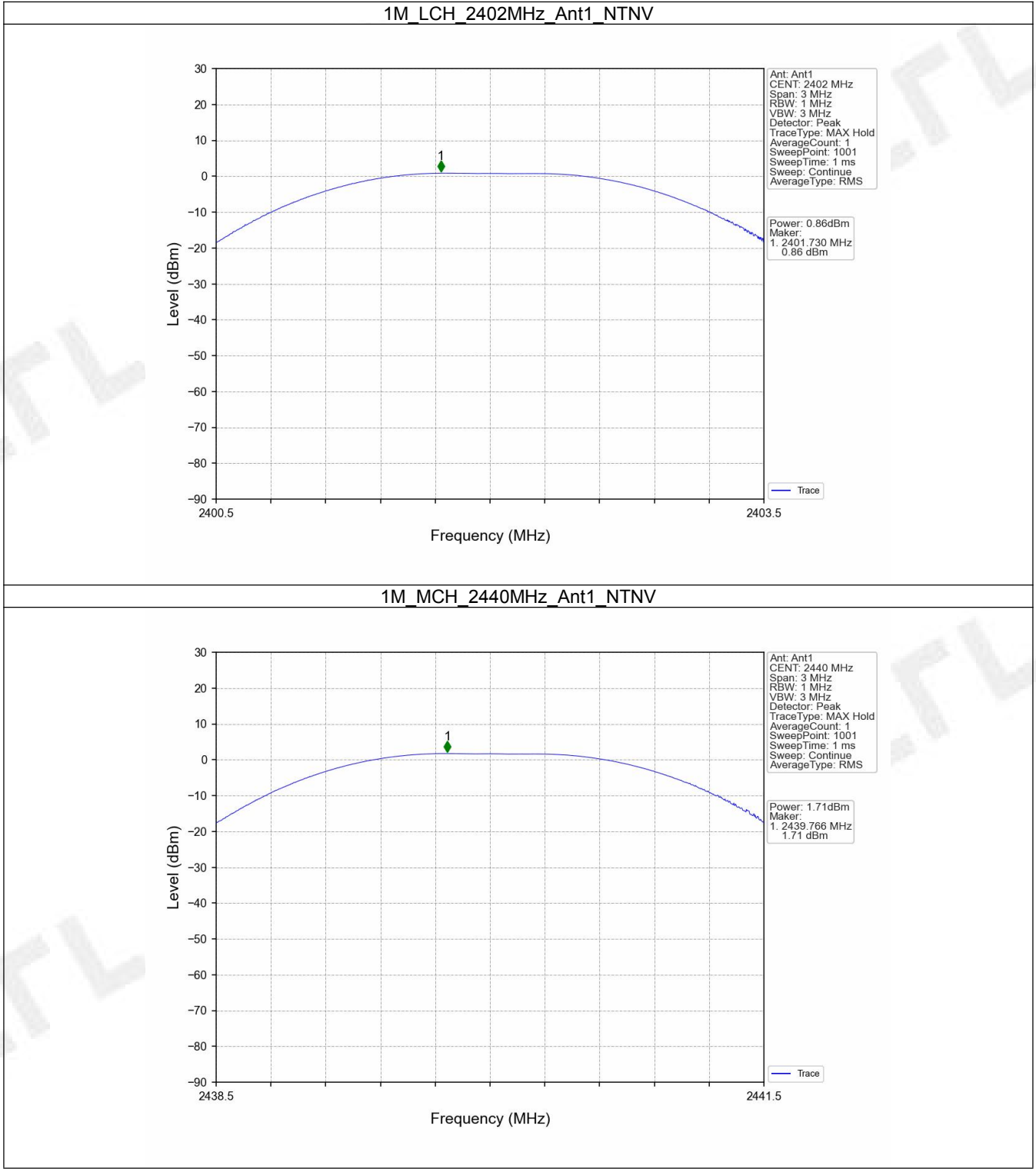
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	0.86	<=30	Pass
		2440	1.71	<=30	Pass
		2480	1.34	<=30	Pass
2M	SISO	2402	0.96	<=30	Pass
		2440	1.88	<=30	Pass
		2480	1.52	<=30	Pass

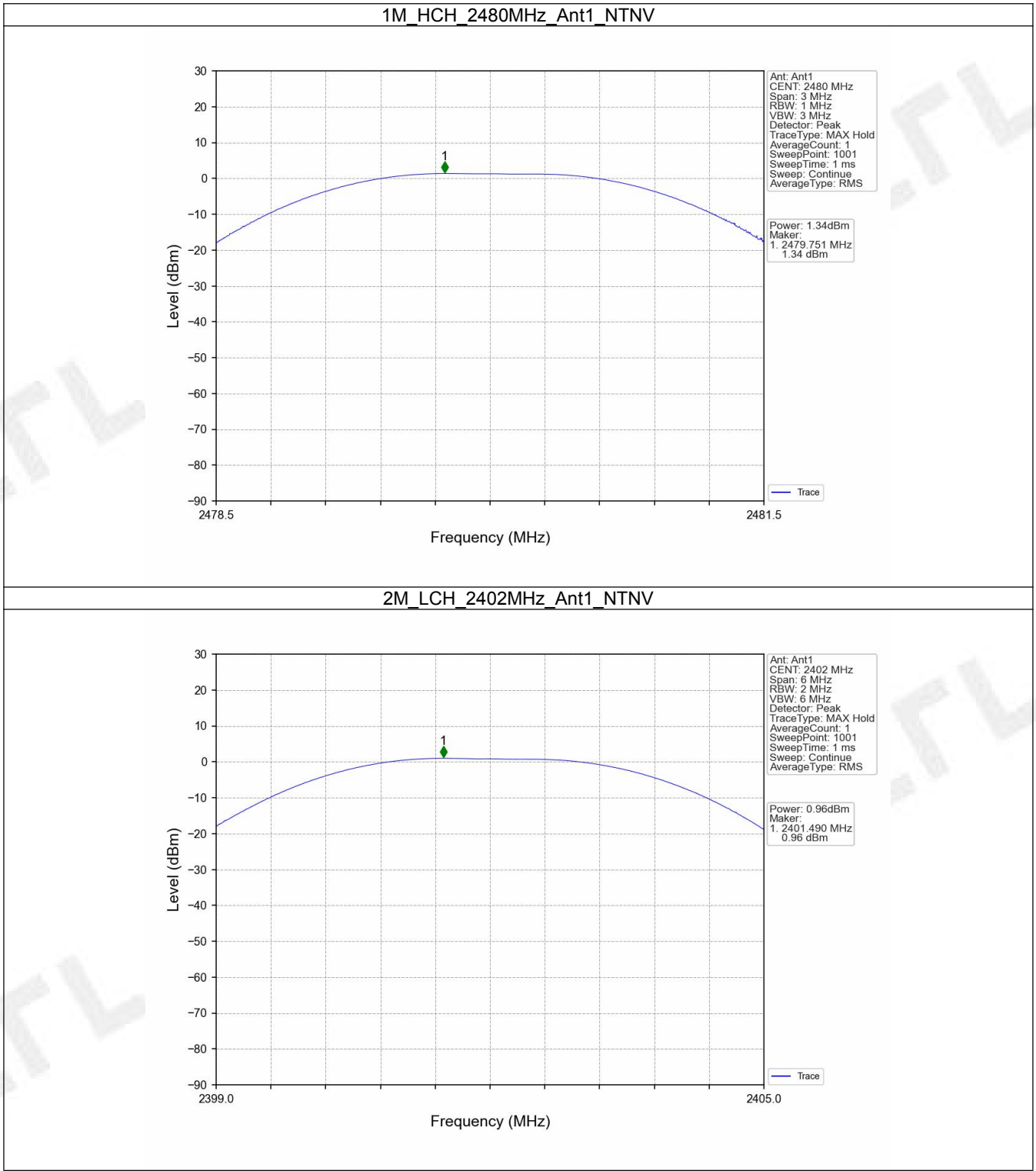
Note1: Antenna Gain: Ant1: -1.74dBi;

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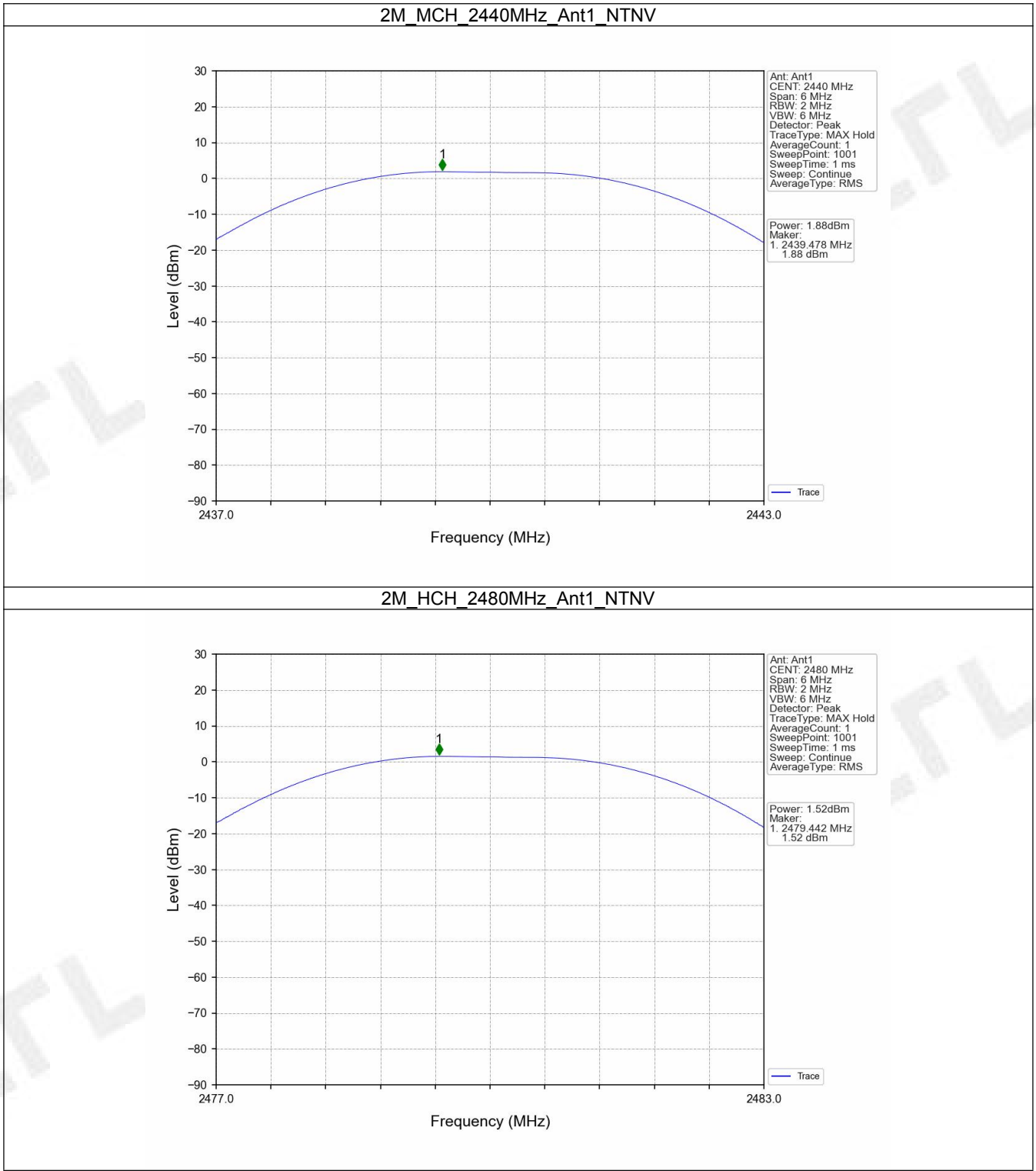
2.1.2 Test Graph



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3. Maximum Power Spectral Density

3.1 PSD

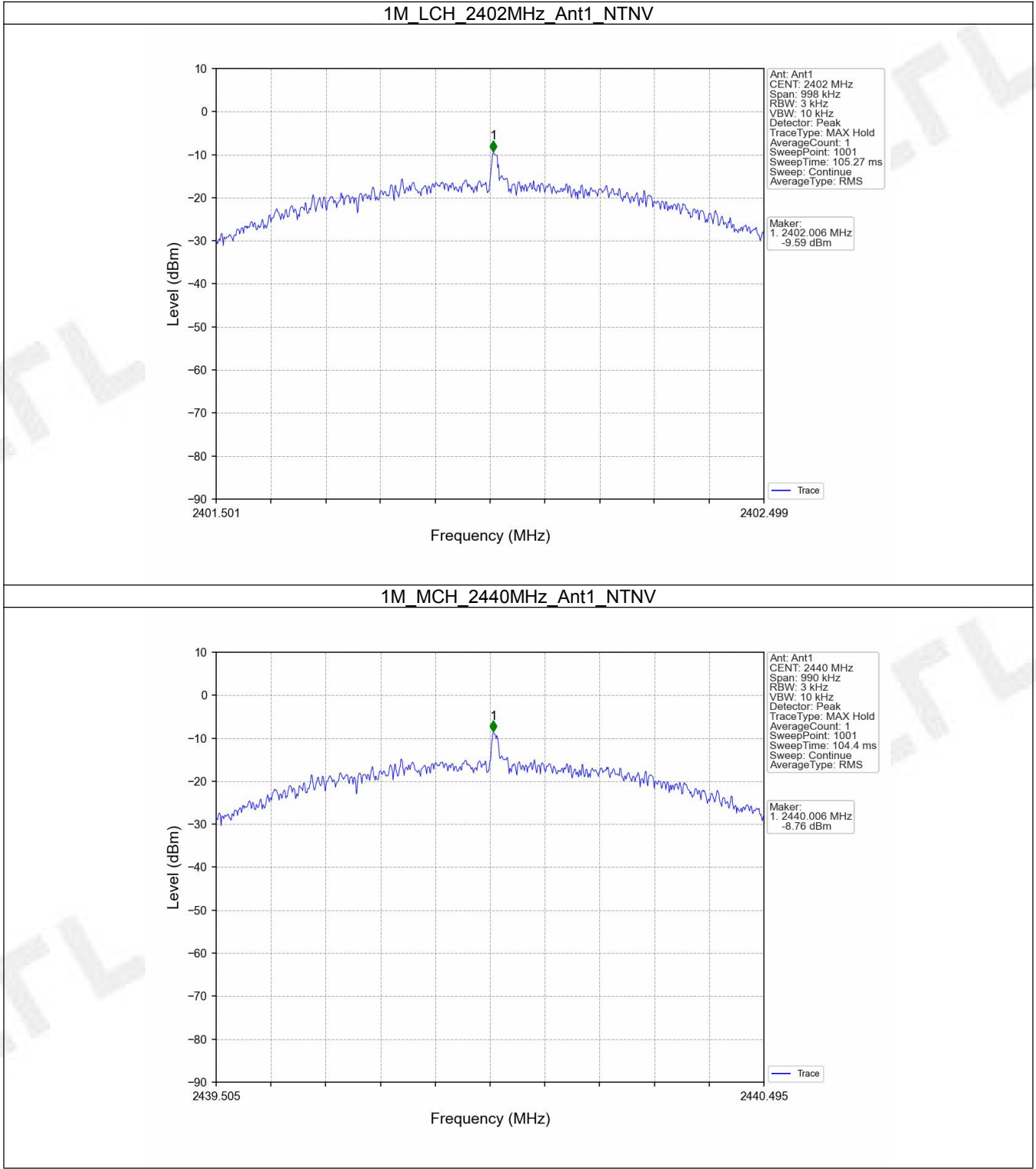
3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
1M	SISO	2402	-9.59	<=8	Pass
		2440	-8.76	<=8	Pass
		2480	-9.08	<=8	Pass
2M	SISO	2402	-10.09	<=8	Pass
		2440	-9.26	<=8	Pass
		2480	-9.56	<=8	Pass

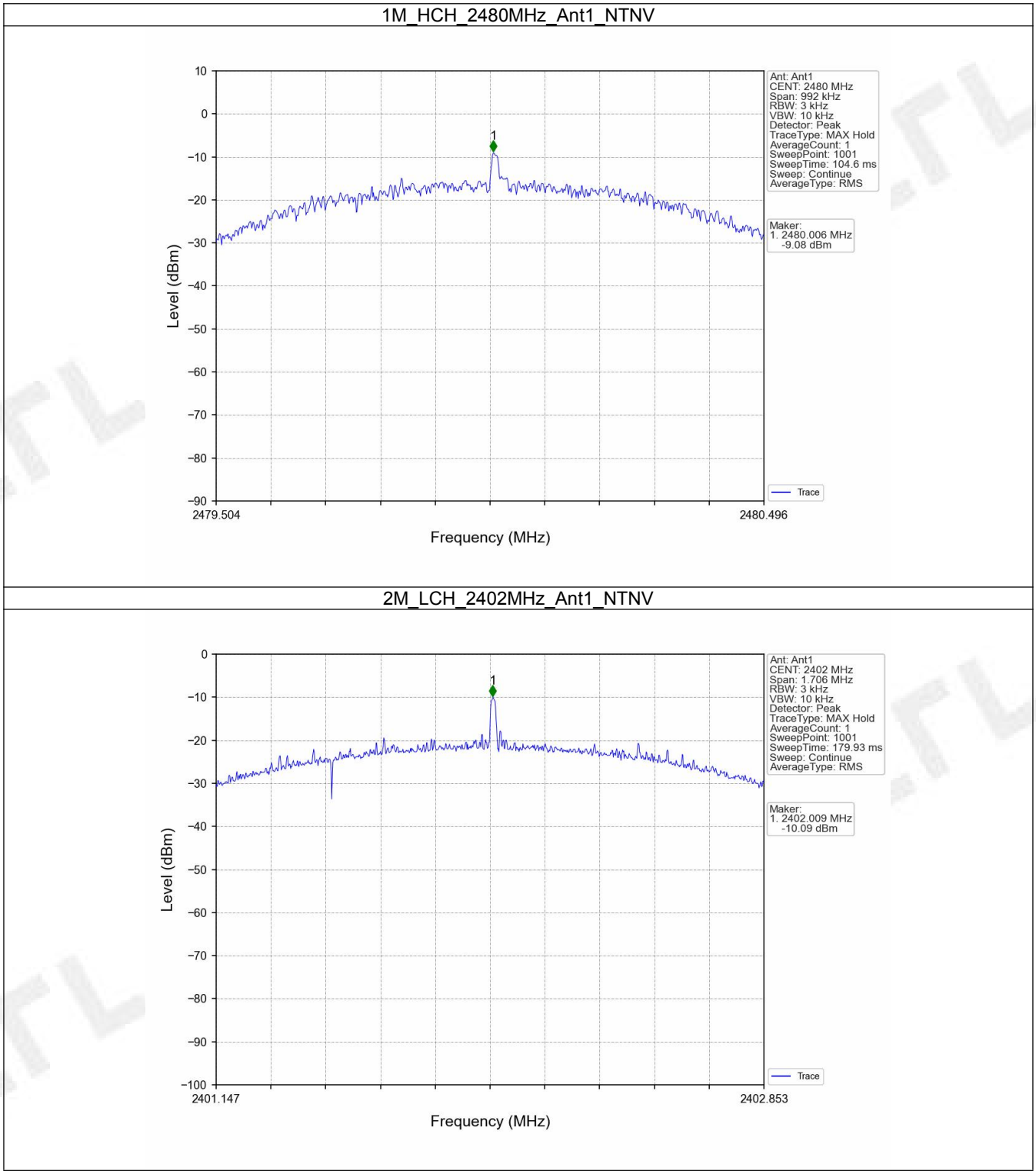
Note1: Antenna Gain: Ant1: -1.74dBi;

FCCID: 2BAS2-E31

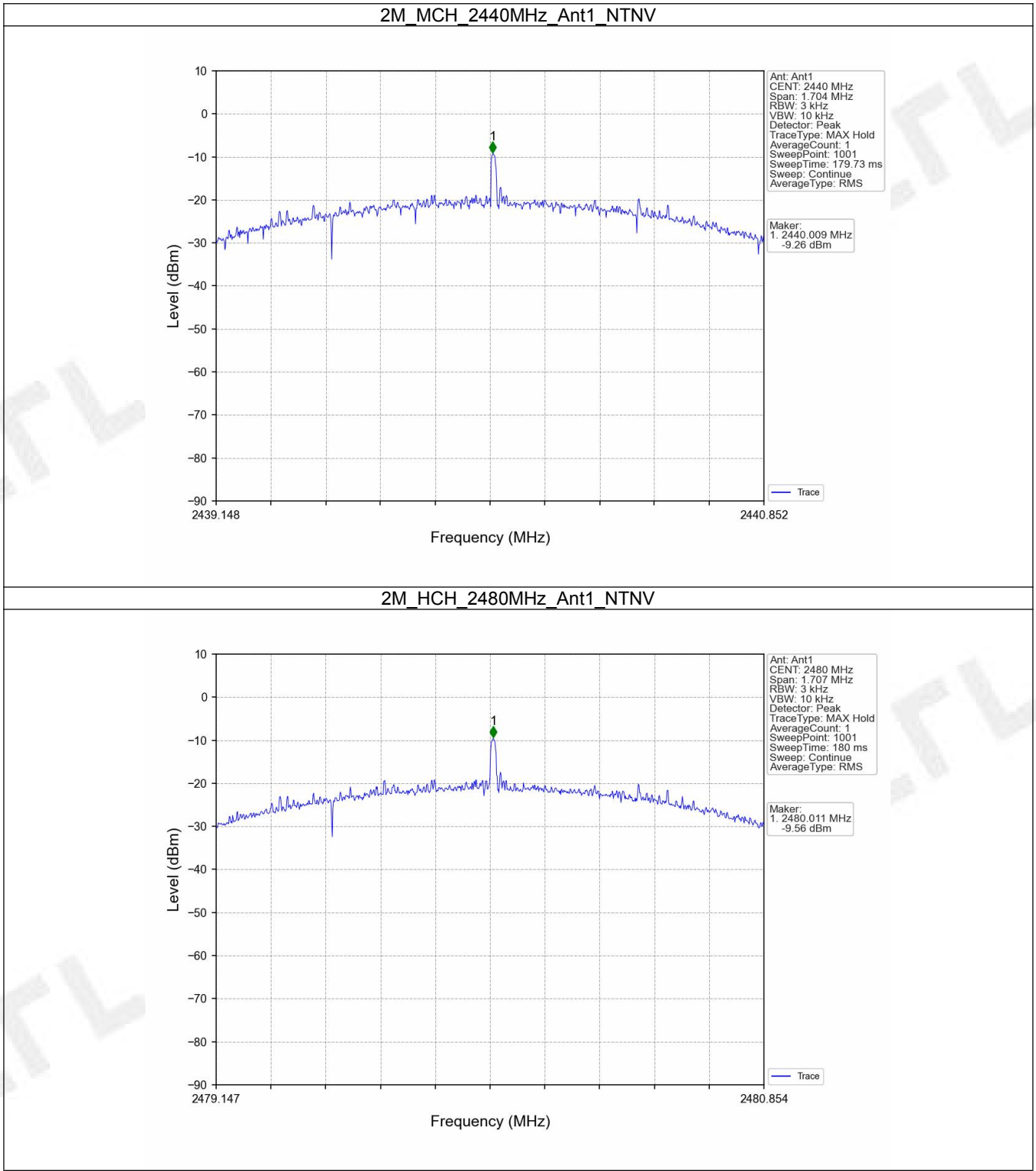
3.1.2 Test Graph



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4. Unwanted Emissions In Non-restricted Frequency Bands

4.1 Ref

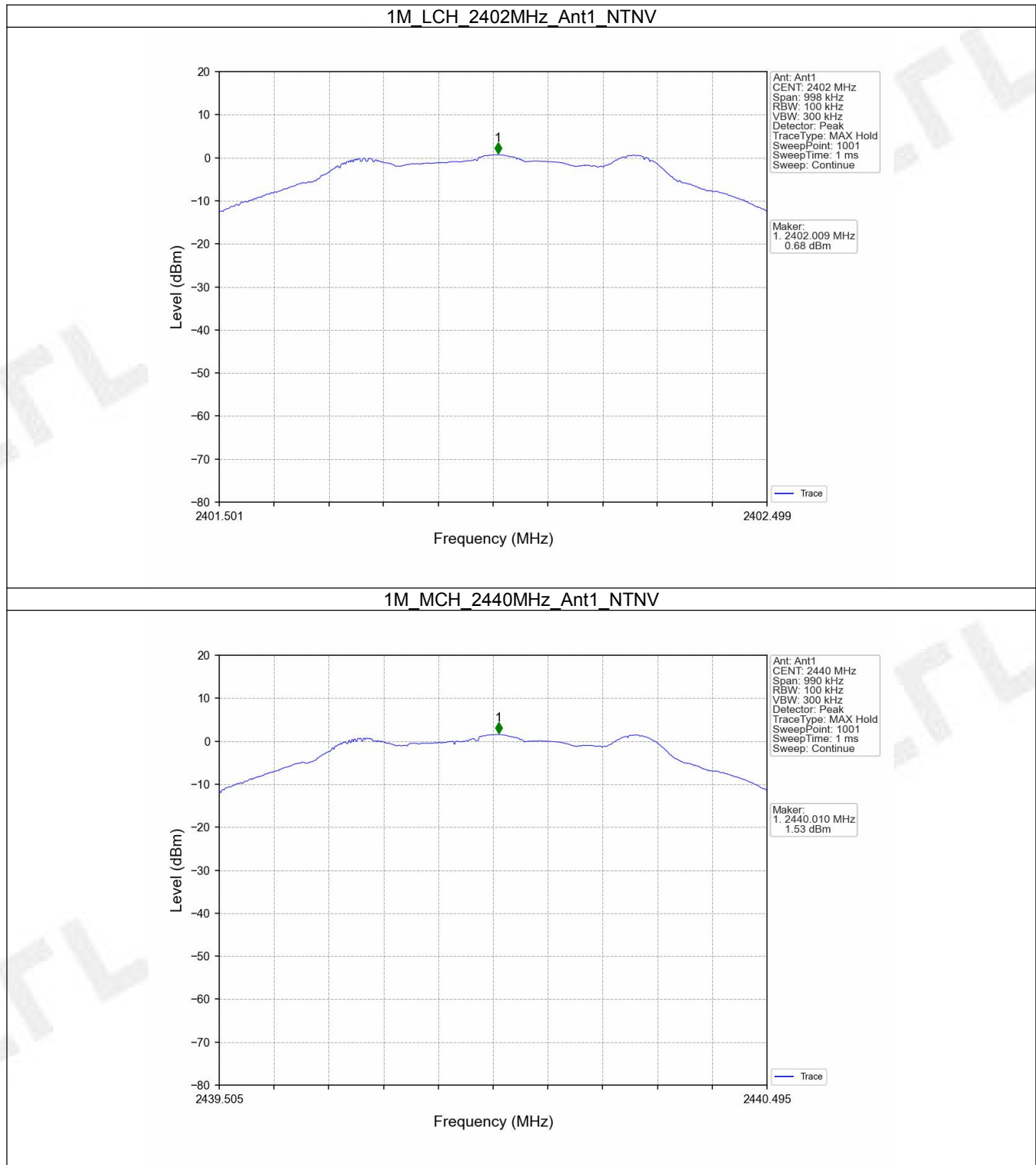
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	0.68
		2440	1	1.53
		2480	1	1.16
2M	SISO	2402	1	0.72
		2440	1	1.60
		2480	1	1.24

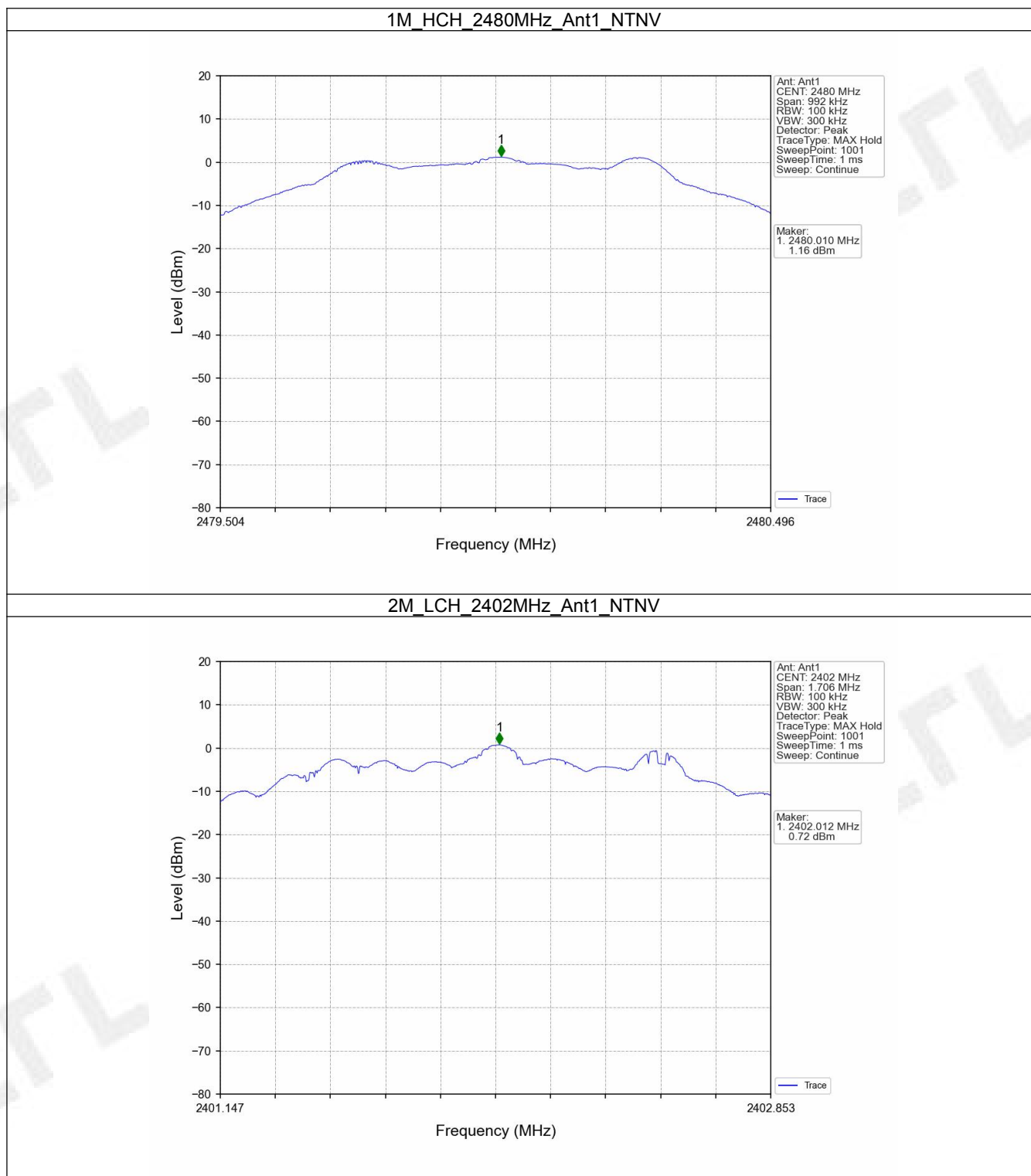
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

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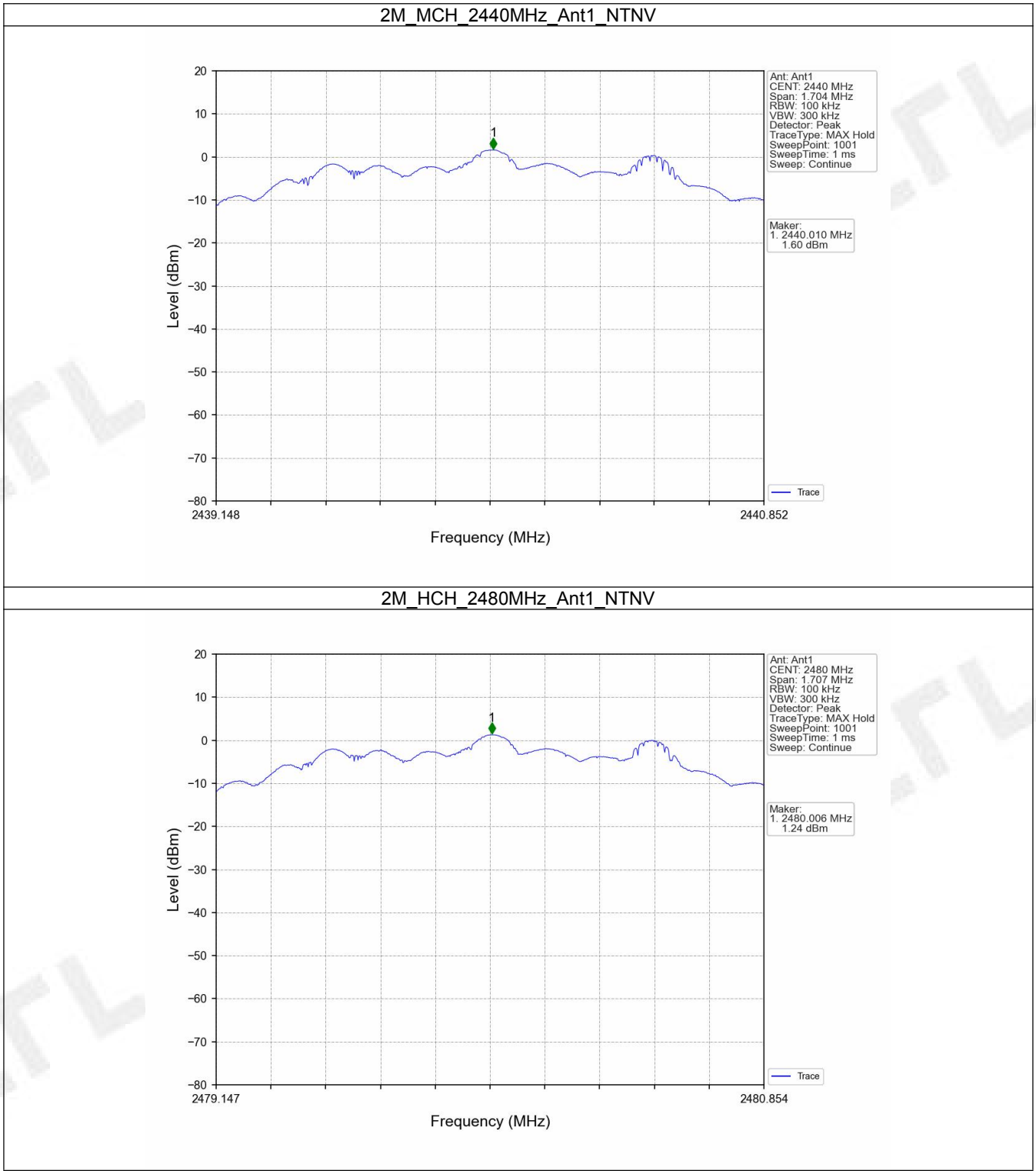
4.1.2 Test Graph



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FCCID: 2BAS2-E31

4.2 CSE

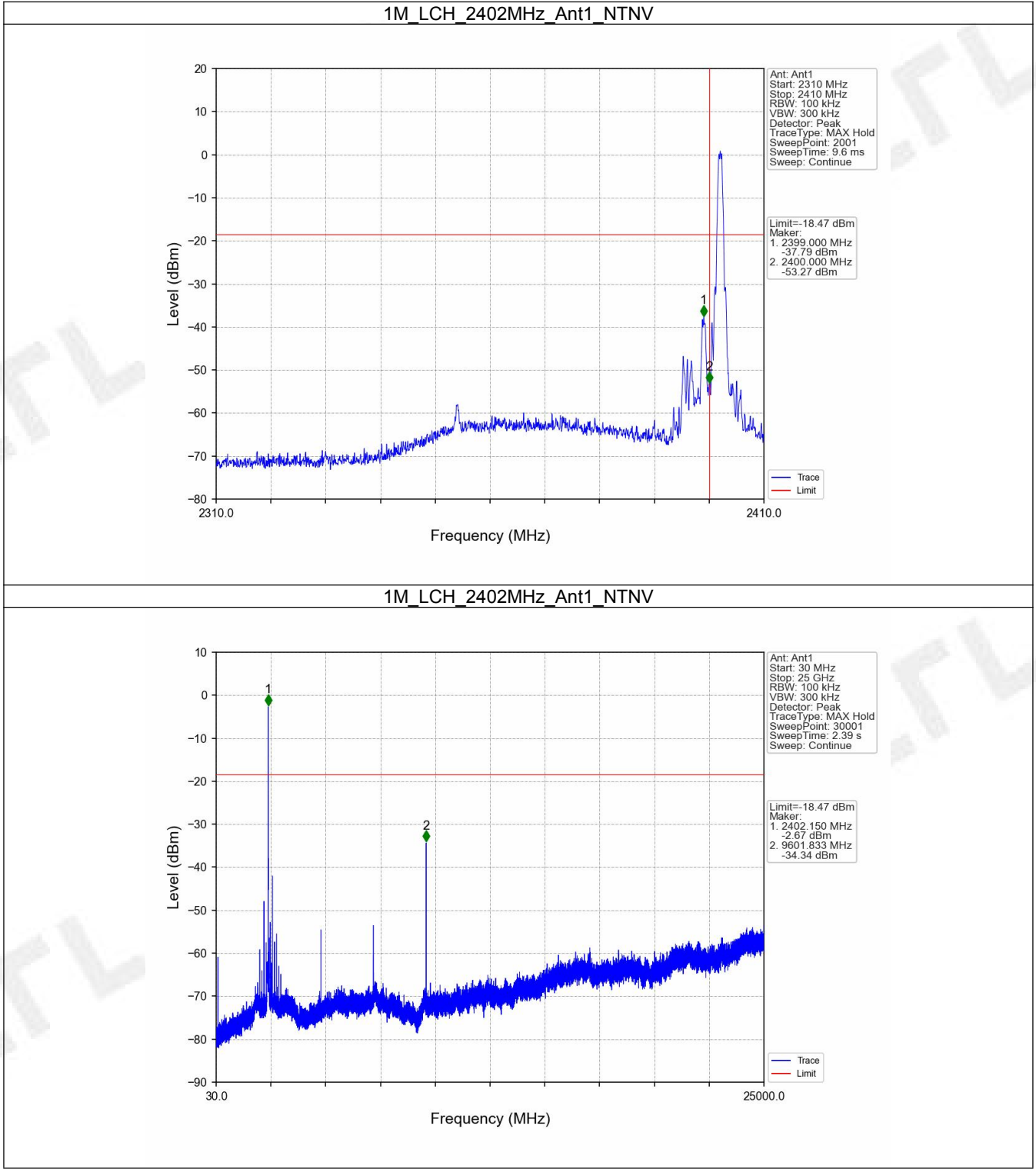
4.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	1.53	-18.47	Pass
		2440	1	1.53	-18.47	Pass
		2480	1	1.53	-18.47	Pass
2M	SISO	2402	1	1.60	-18.40	Pass
		2440	1	1.60	-18.40	Pass
		2480	1	1.60	-18.40	Pass

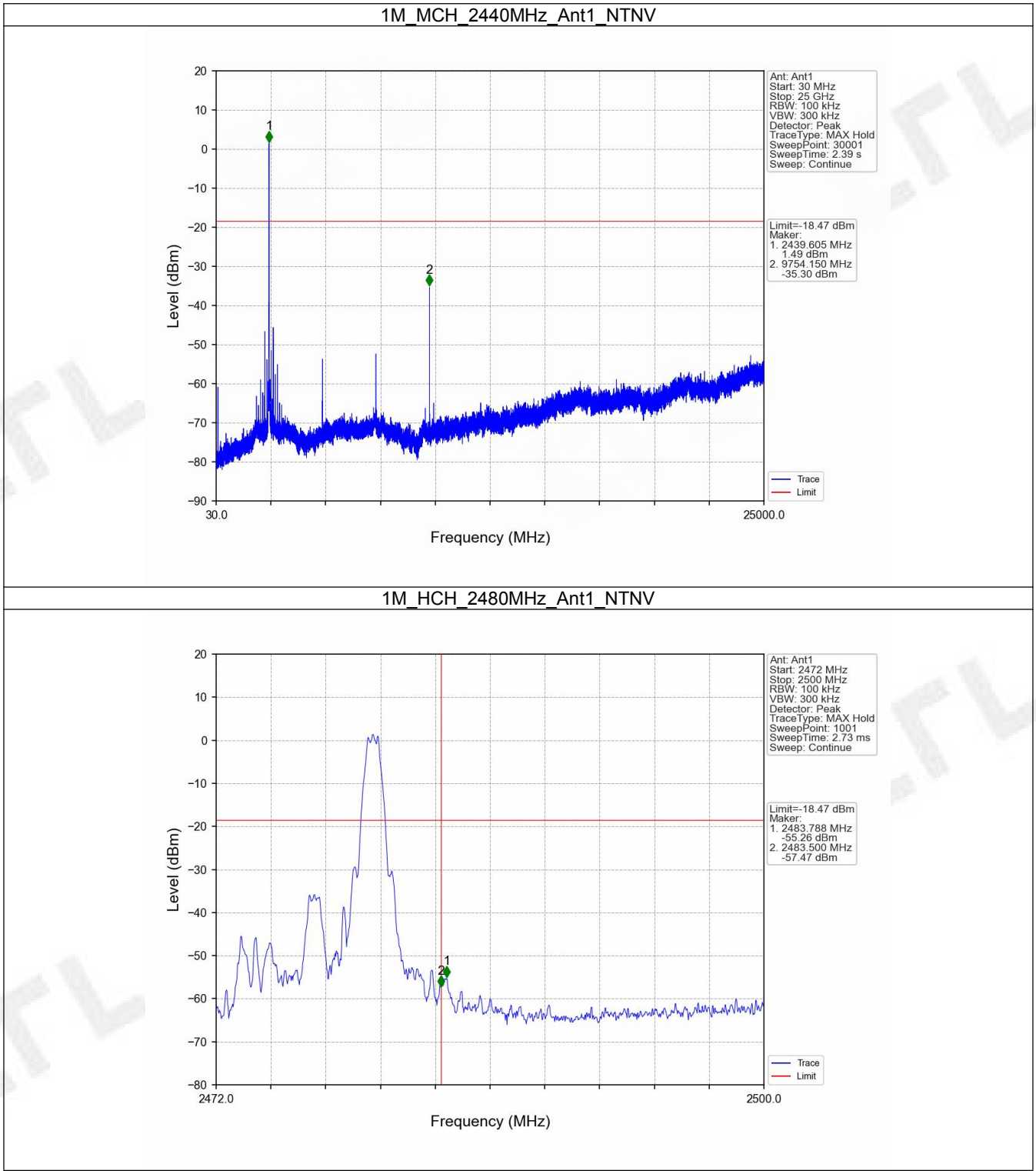
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

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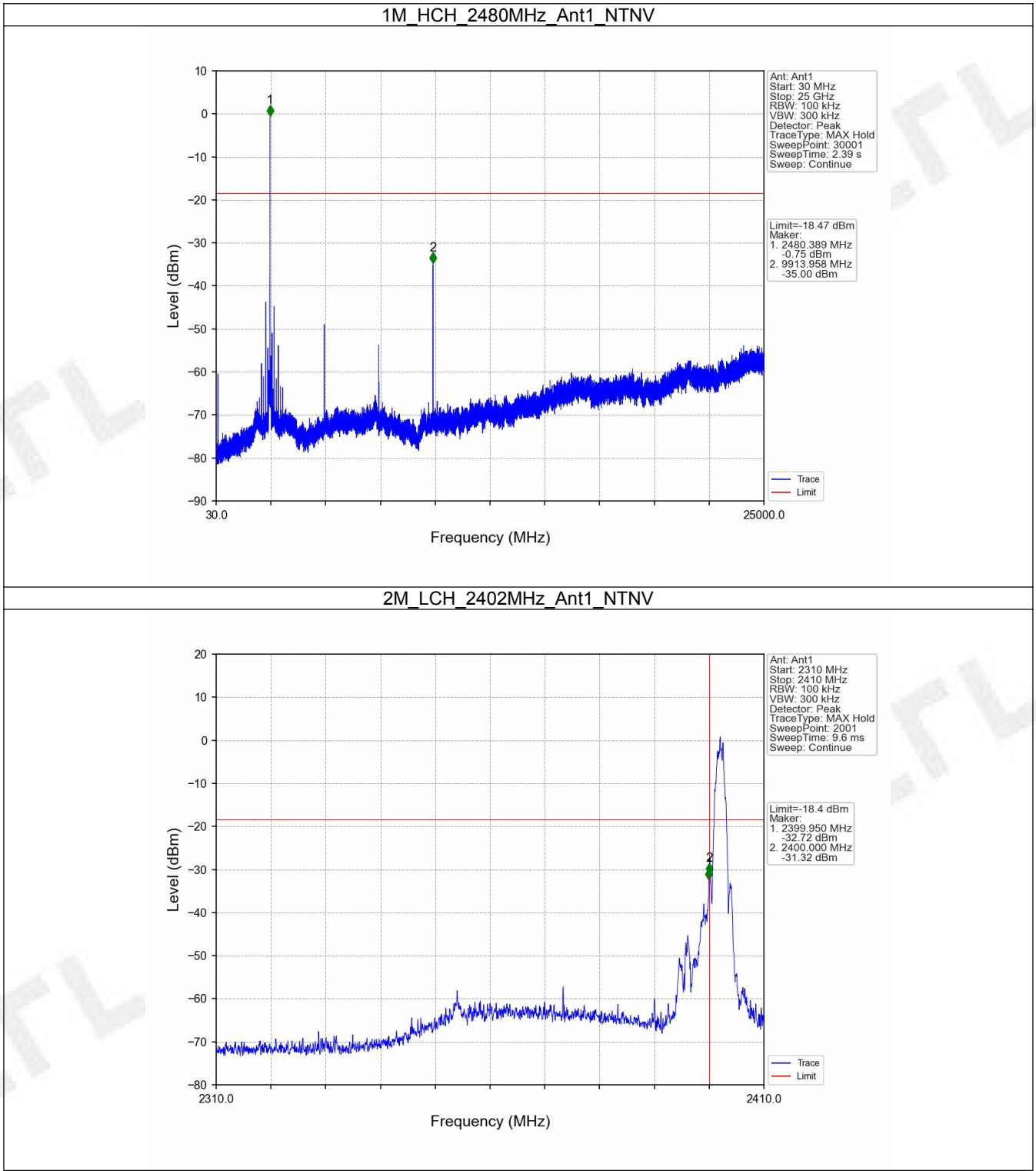
4.2.2 Test Graph



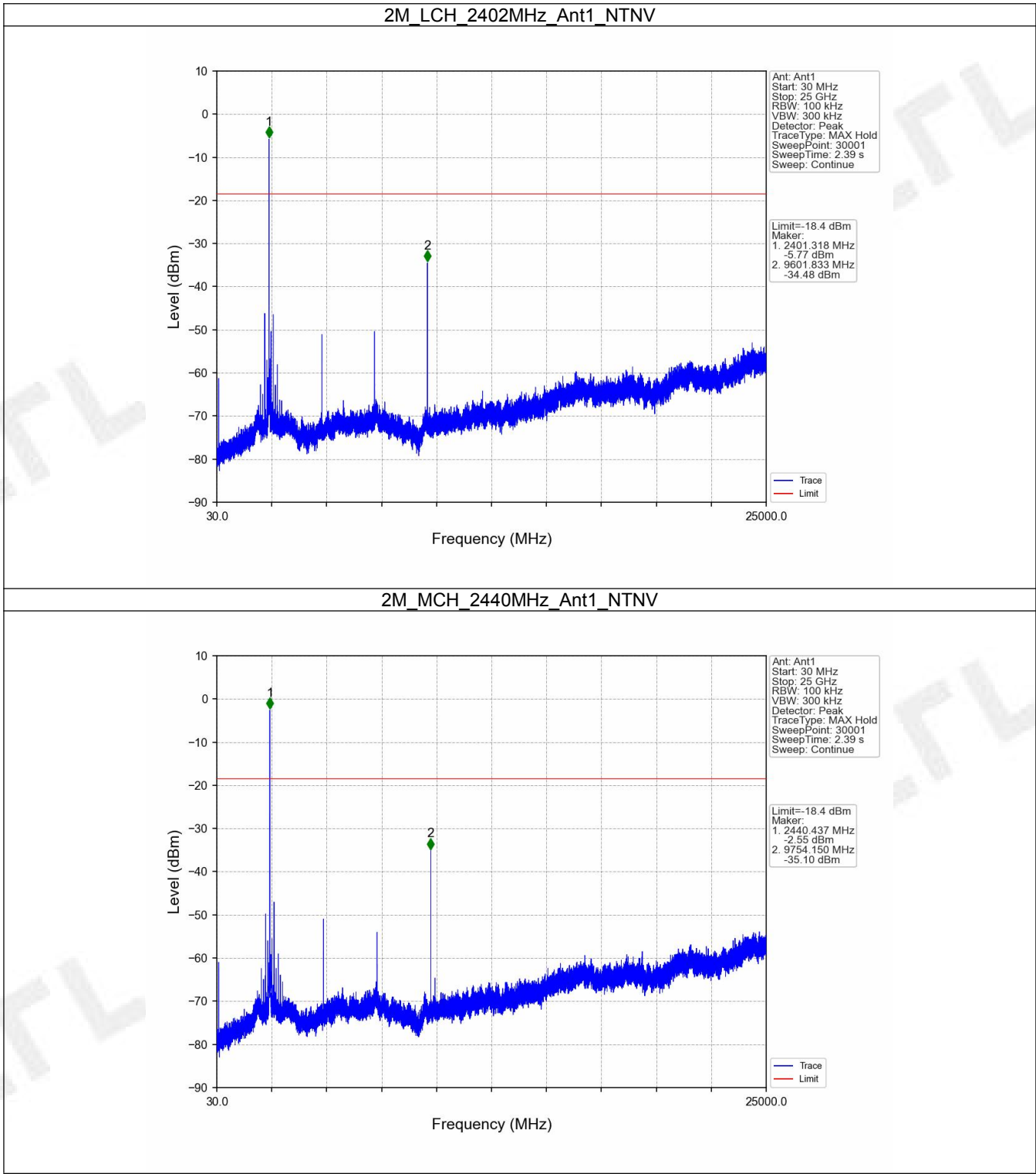
FCCID: 2BAS2-E31



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