



Annex for BLE

Test Report No.: CTL2403142092-WF

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1. Bandwidth

1.1 OBW

1.1.1 Test Result

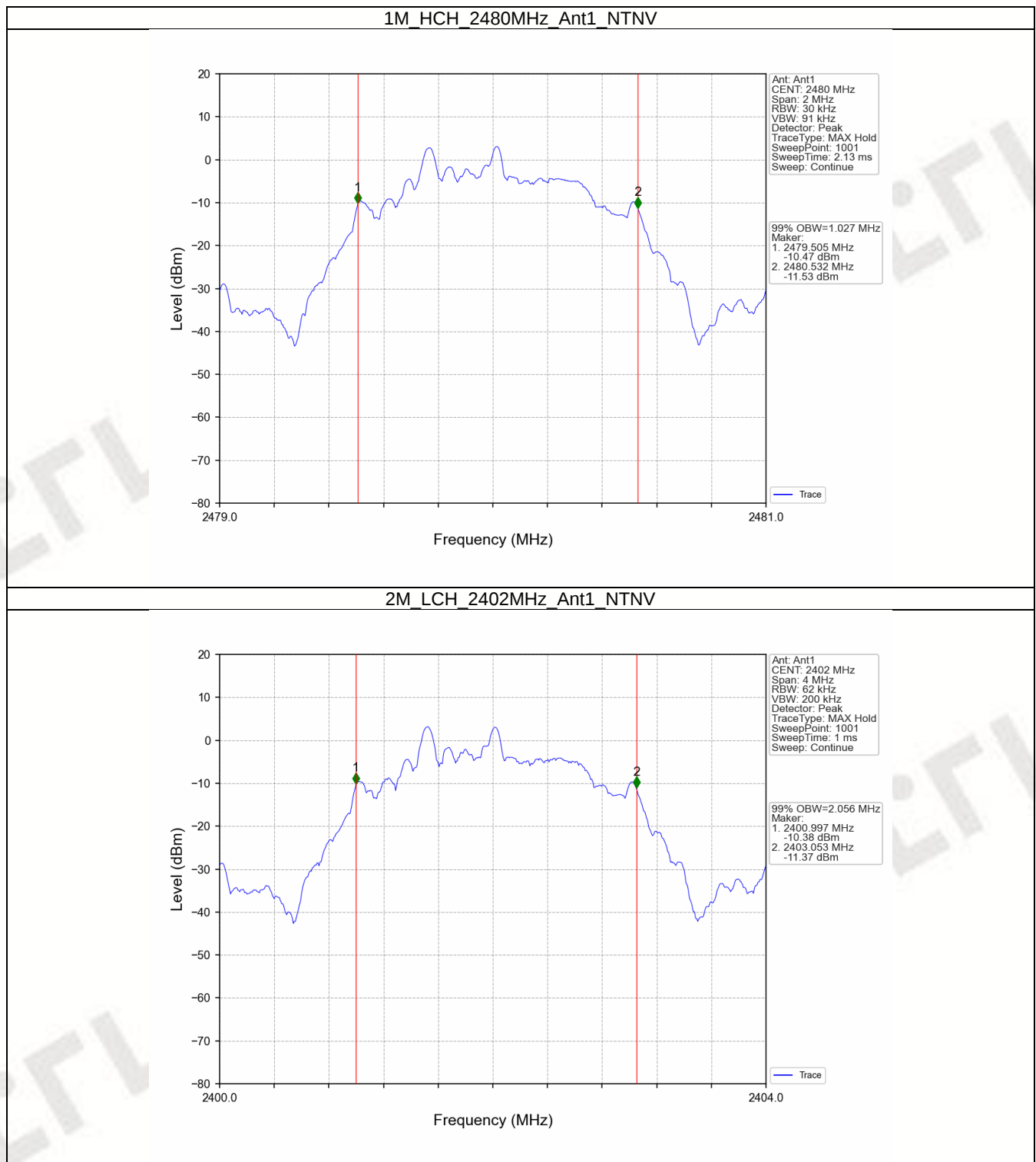
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	1.028	/	Pass
		2440	1	1.025	/	Pass
		2480	1	1.027	/	Pass
2M	SISO	2402	1	2.056	/	Pass
		2440	1	2.052	/	Pass
		2480	1	2.051	/	Pass

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1.1.2 Test Graph



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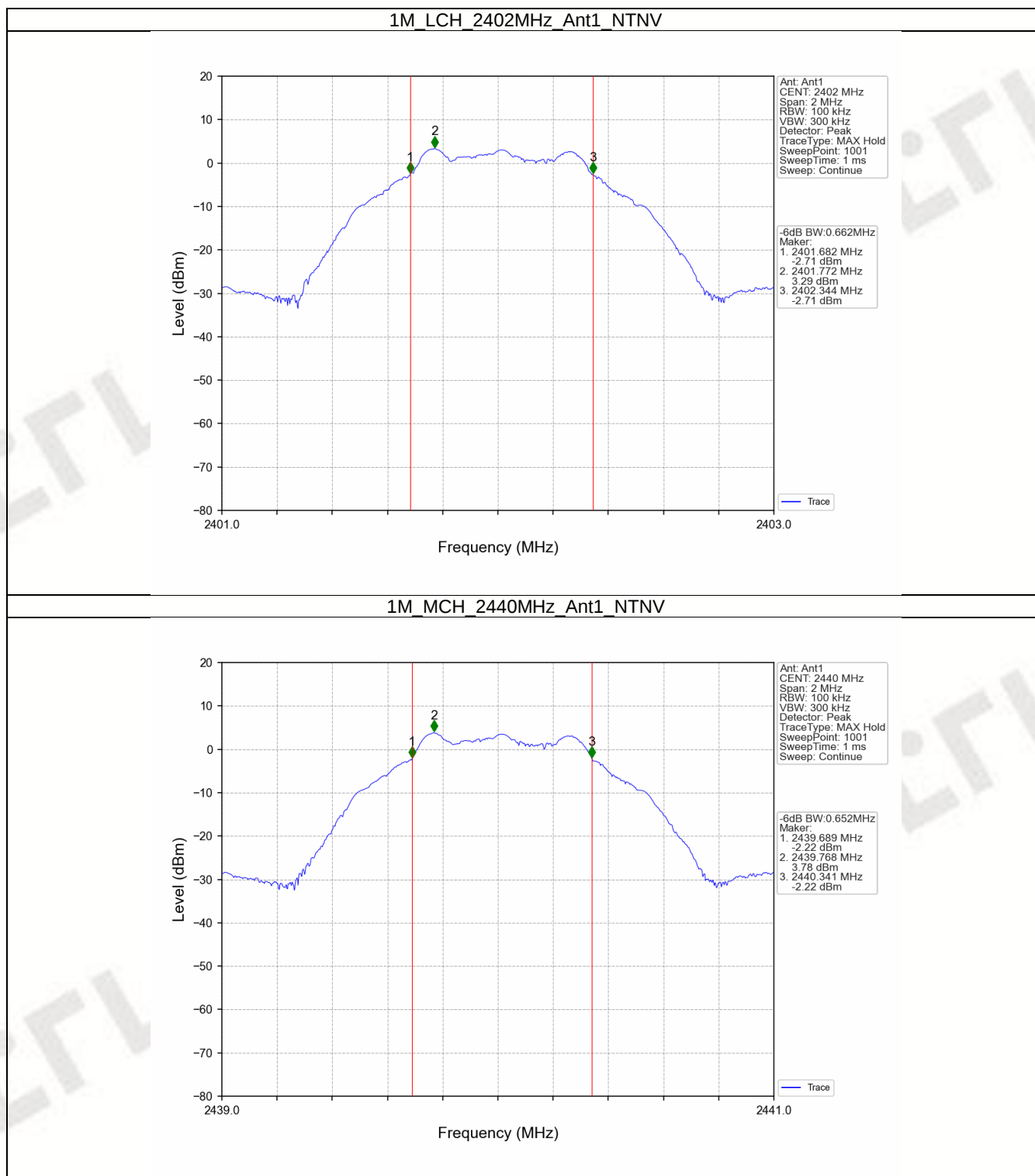
1.2 6dB BW

1.2.1 Test Result

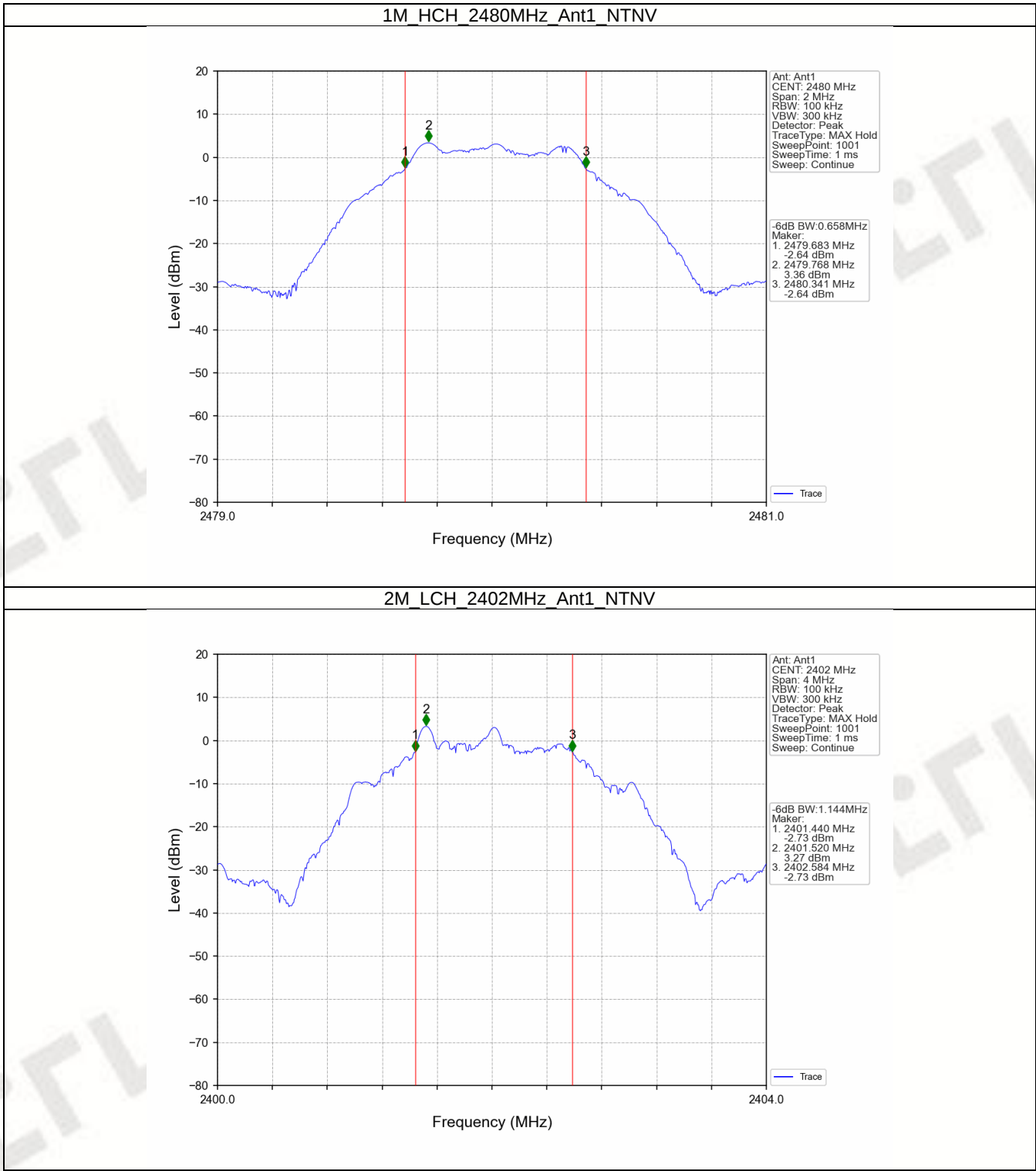
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.662	≥ 0.5	Pass
		2440	1	0.652	≥ 0.5	Pass
		2480	1	0.658	≥ 0.5	Pass
2M	SISO	2402	1	1.144	≥ 0.5	Pass
		2440	1	1.139	≥ 0.5	Pass
		2480	1	1.144	≥ 0.5	Pass

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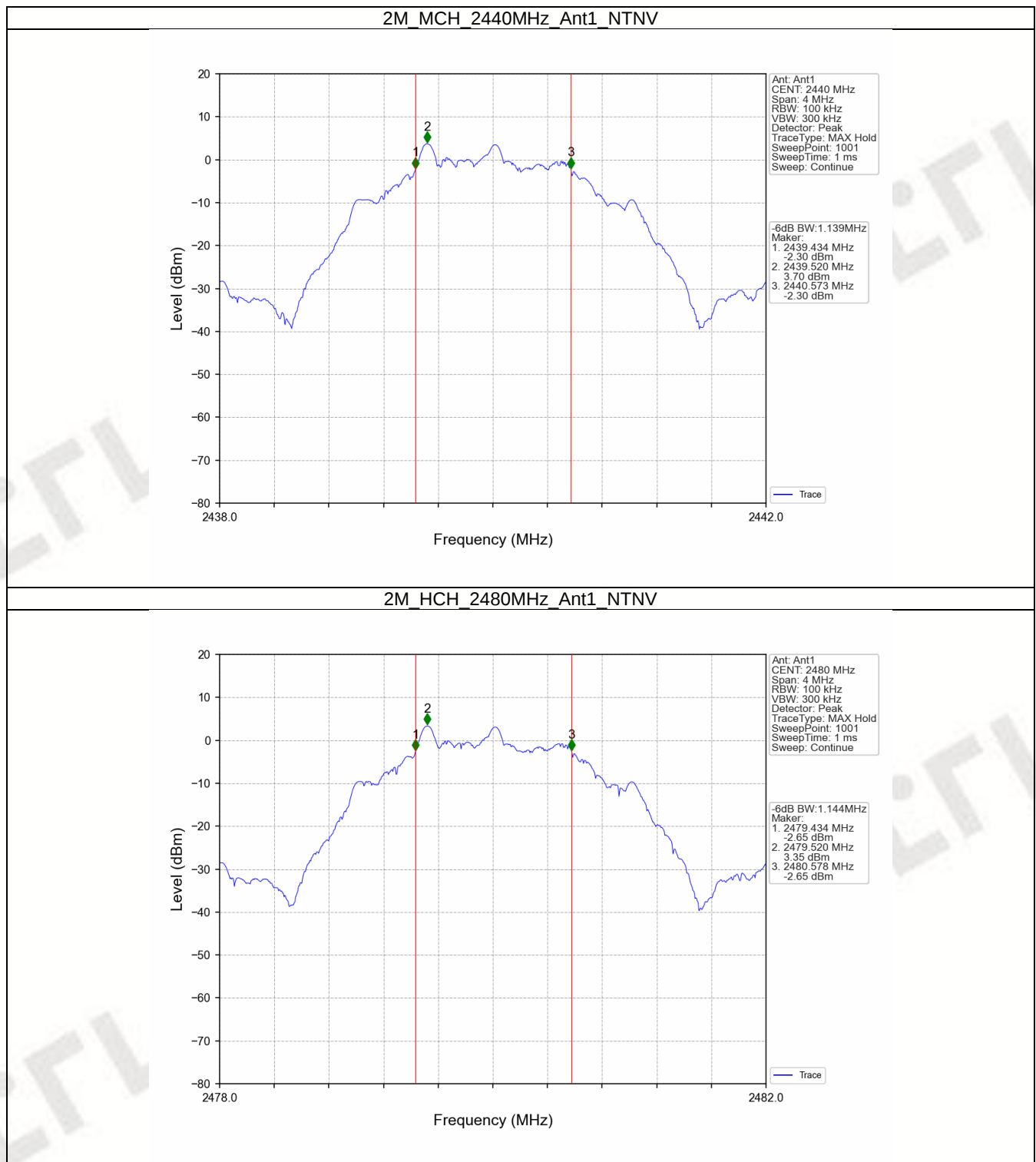
1.2.2 Test Graph



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2. Maximum Conducted Output Power

2.1 Power

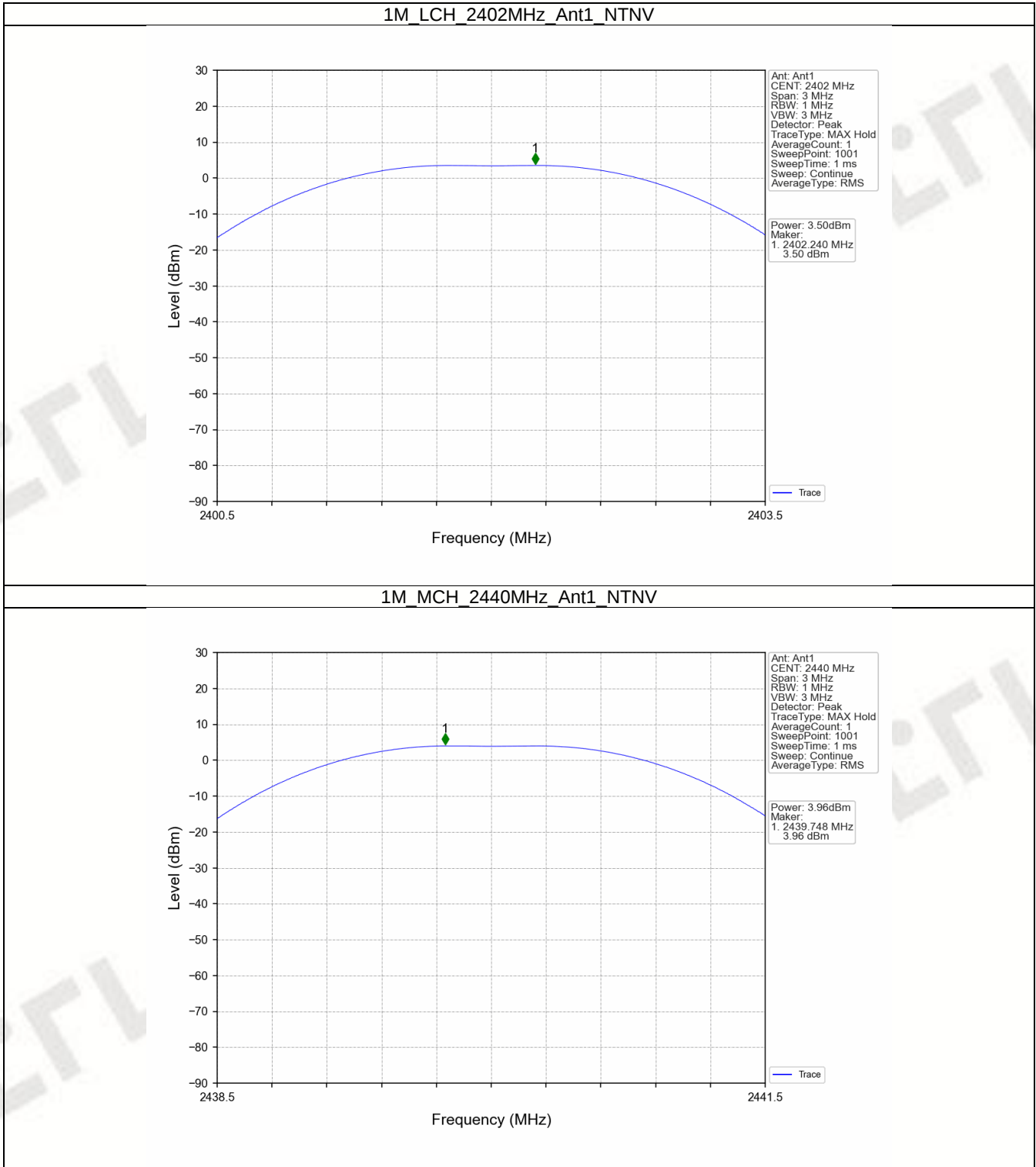
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	3.50	<=30	Pass
		2440	3.96	<=30	Pass
		2480	3.56	<=30	Pass
2M	SISO	2402	3.52	<=30	Pass
		2440	3.99	<=30	Pass
		2480	3.59	<=30	Pass

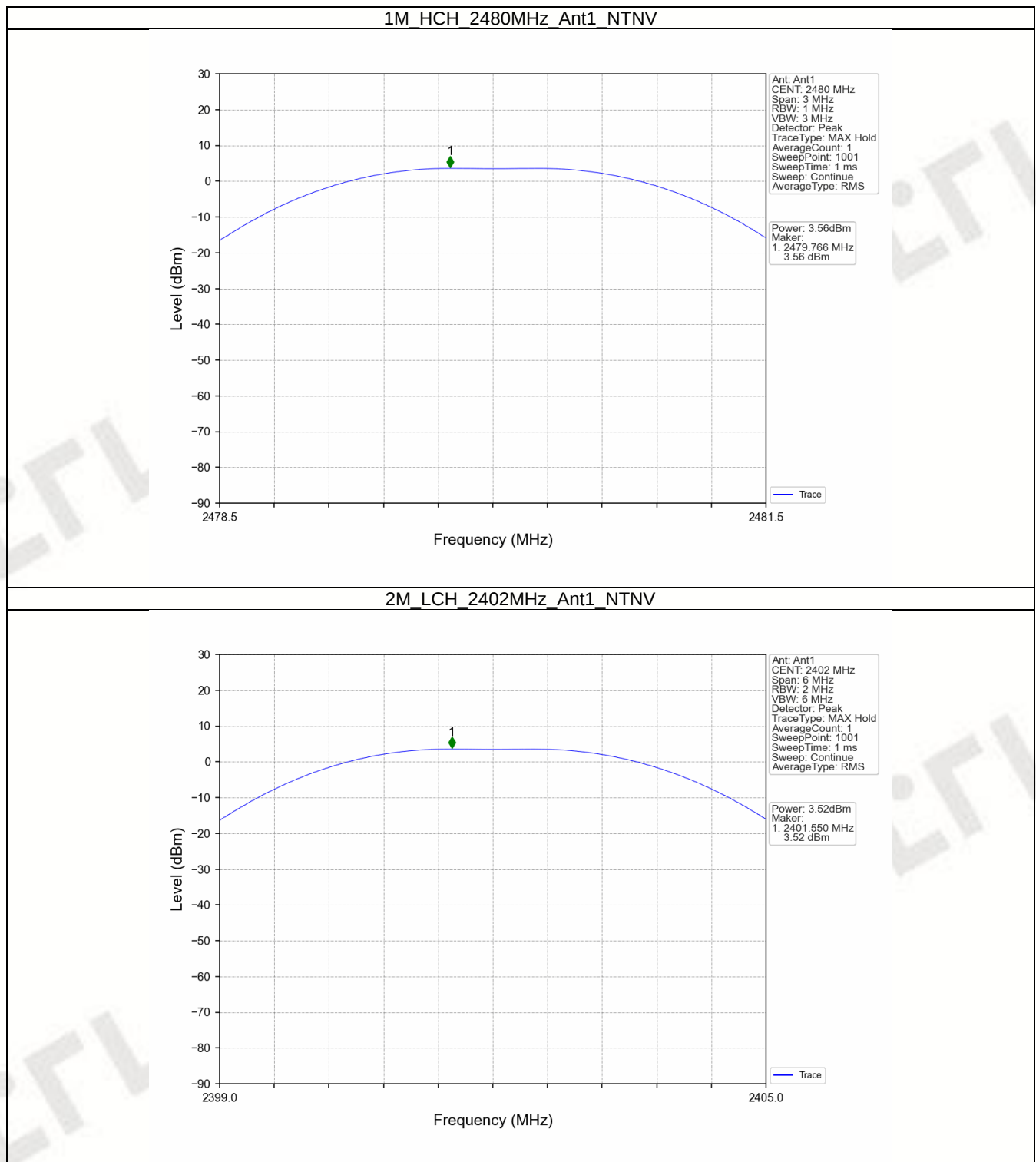
Note1: Antenna Gain: Ant1: -3.13dBi;

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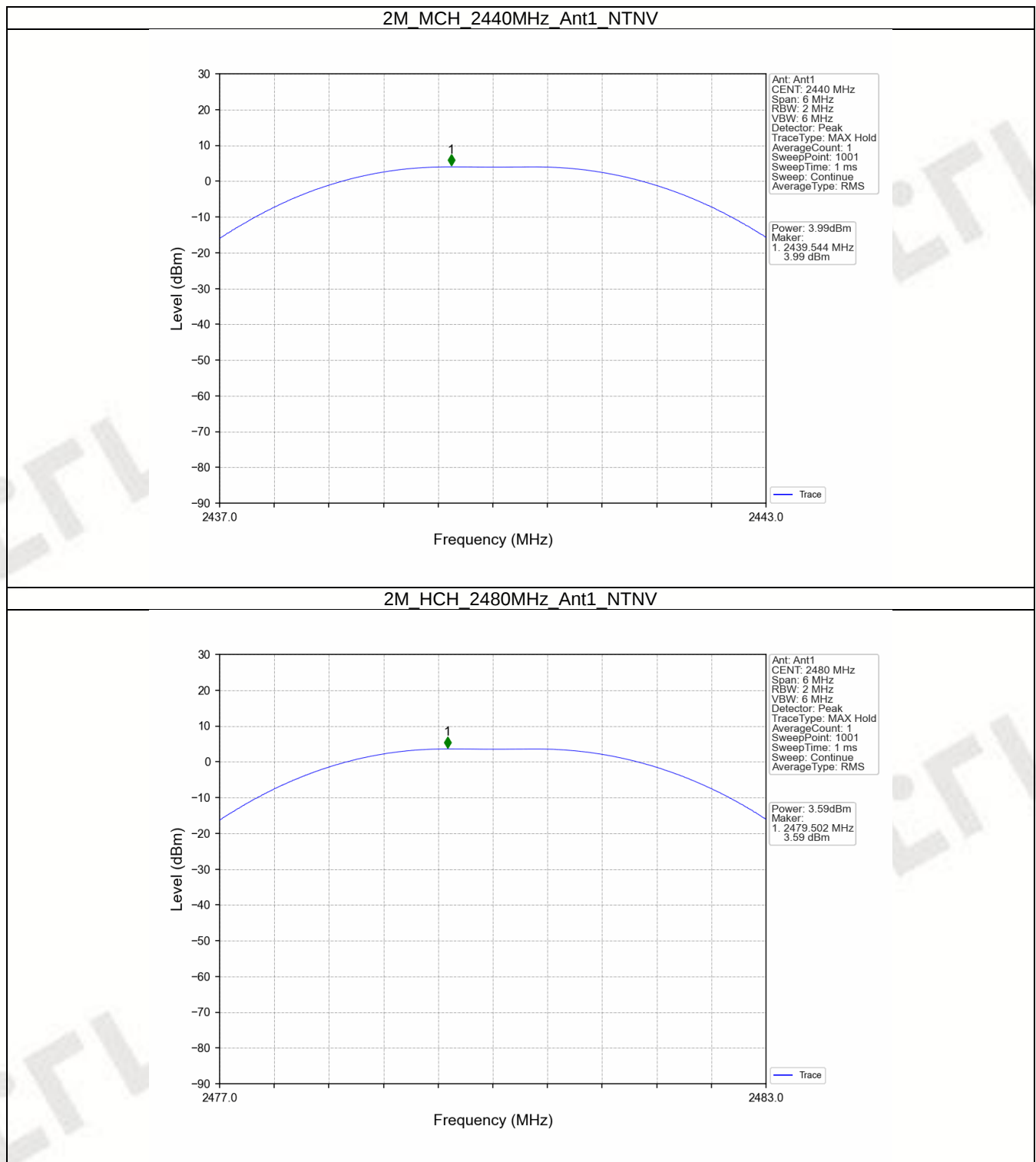
2.1.2 Test Graph



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3. Maximum Power Spectral Density

3.1 PSD

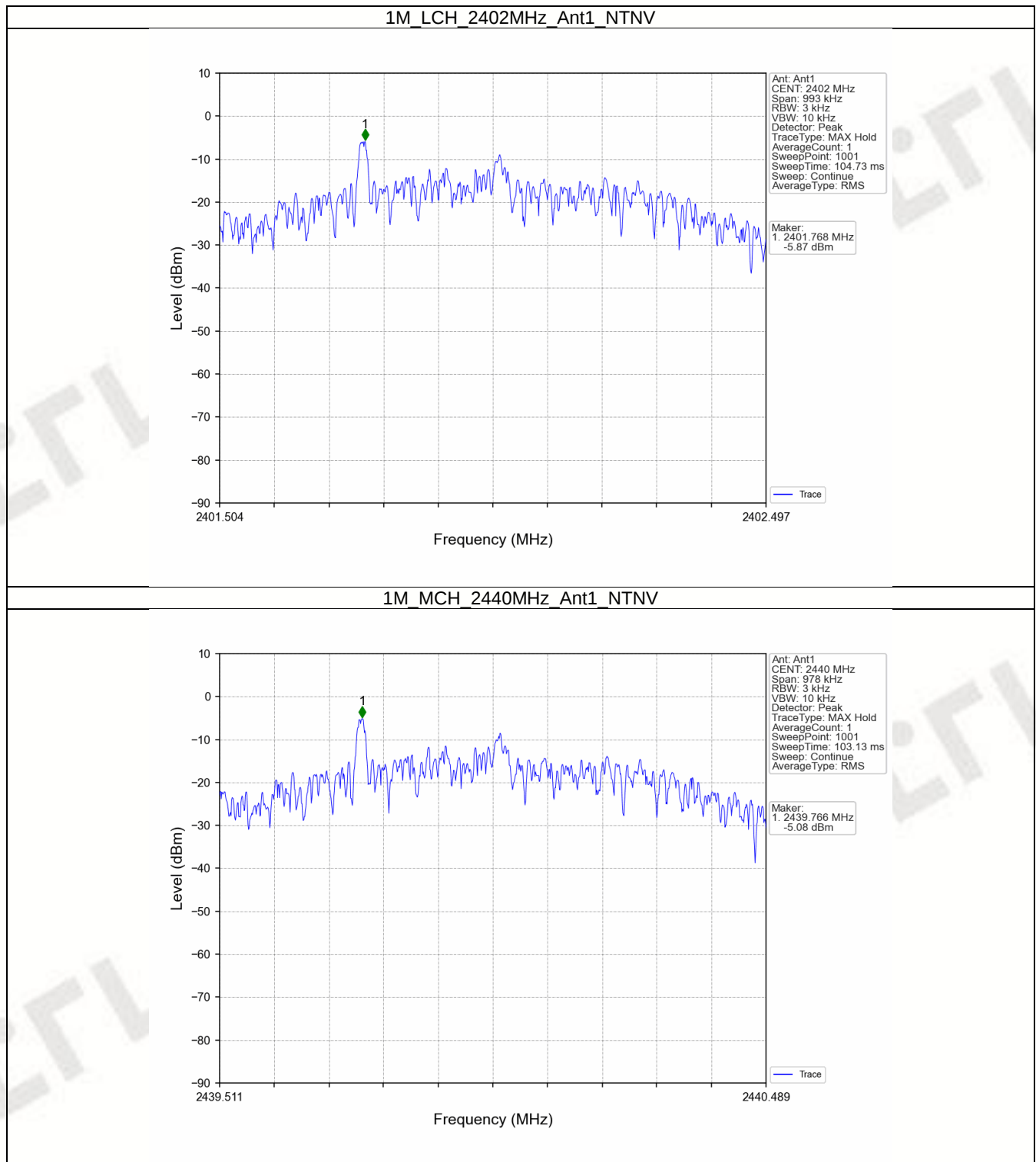
3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
1M	SISO	2402	-5.87	<=8	Pass
		2440	-5.08	<=8	Pass
		2480	-5.42	<=8	Pass
2M	SISO	2402	-5.28	<=8	Pass
		2440	-4.81	<=8	Pass
		2480	-5.24	<=8	Pass

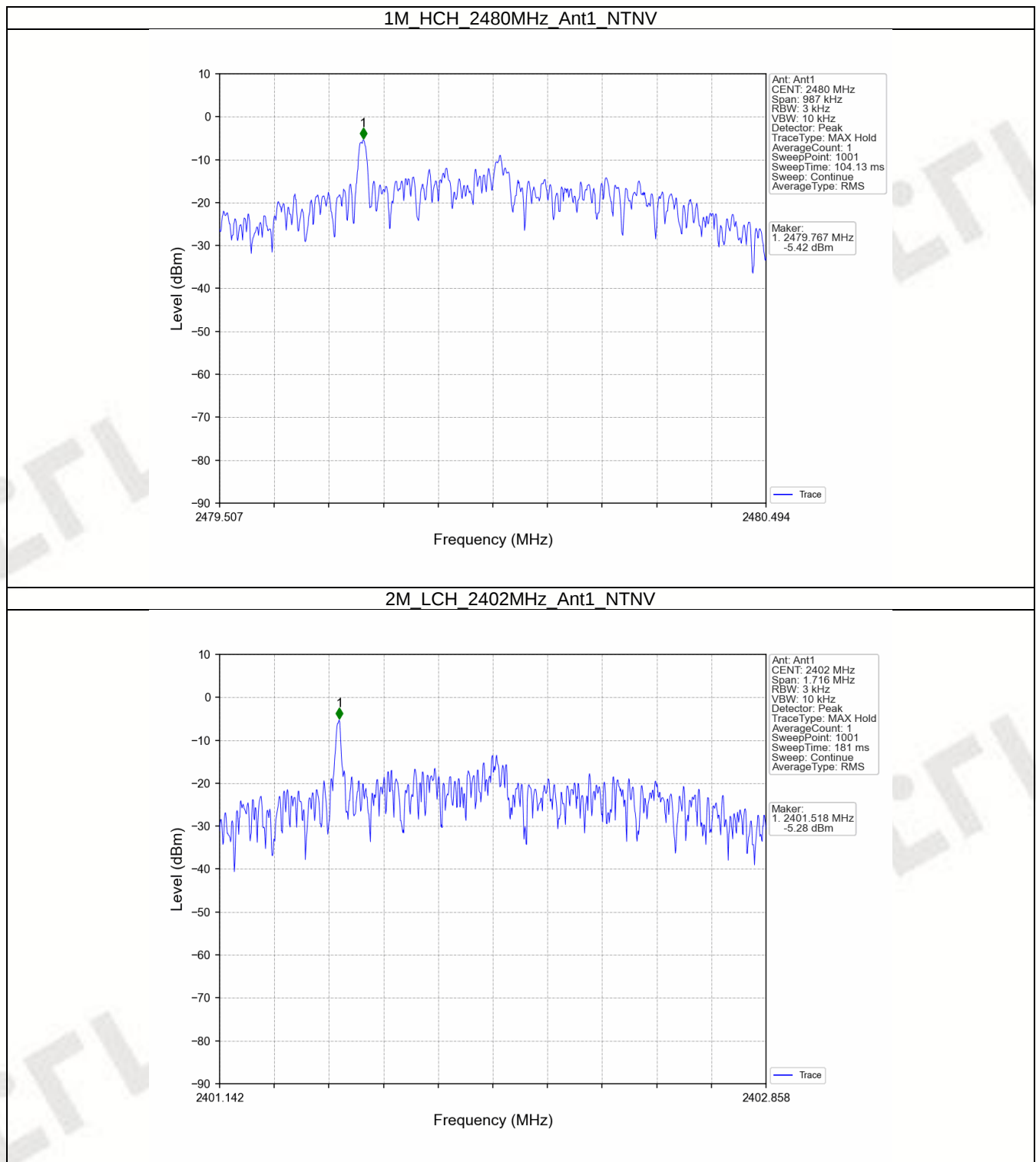
Note1: Antenna Gain: Ant1: -3.13dBi;

FCCID: 2A4CE-A6LECO

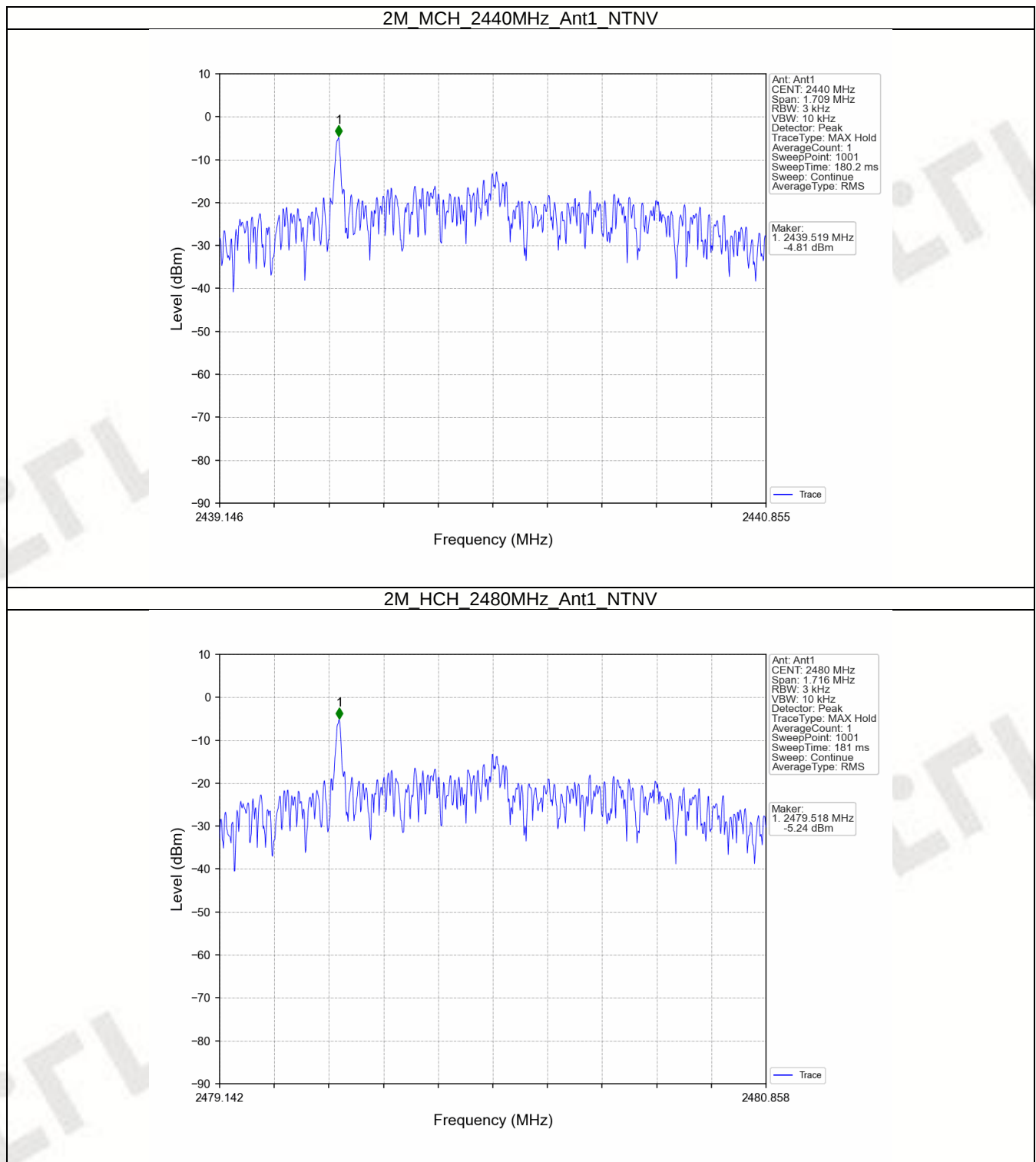
3.1.2 Test Graph



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4. Unwanted Emissions In Non-restricted Frequency Bands

4.1 Ref

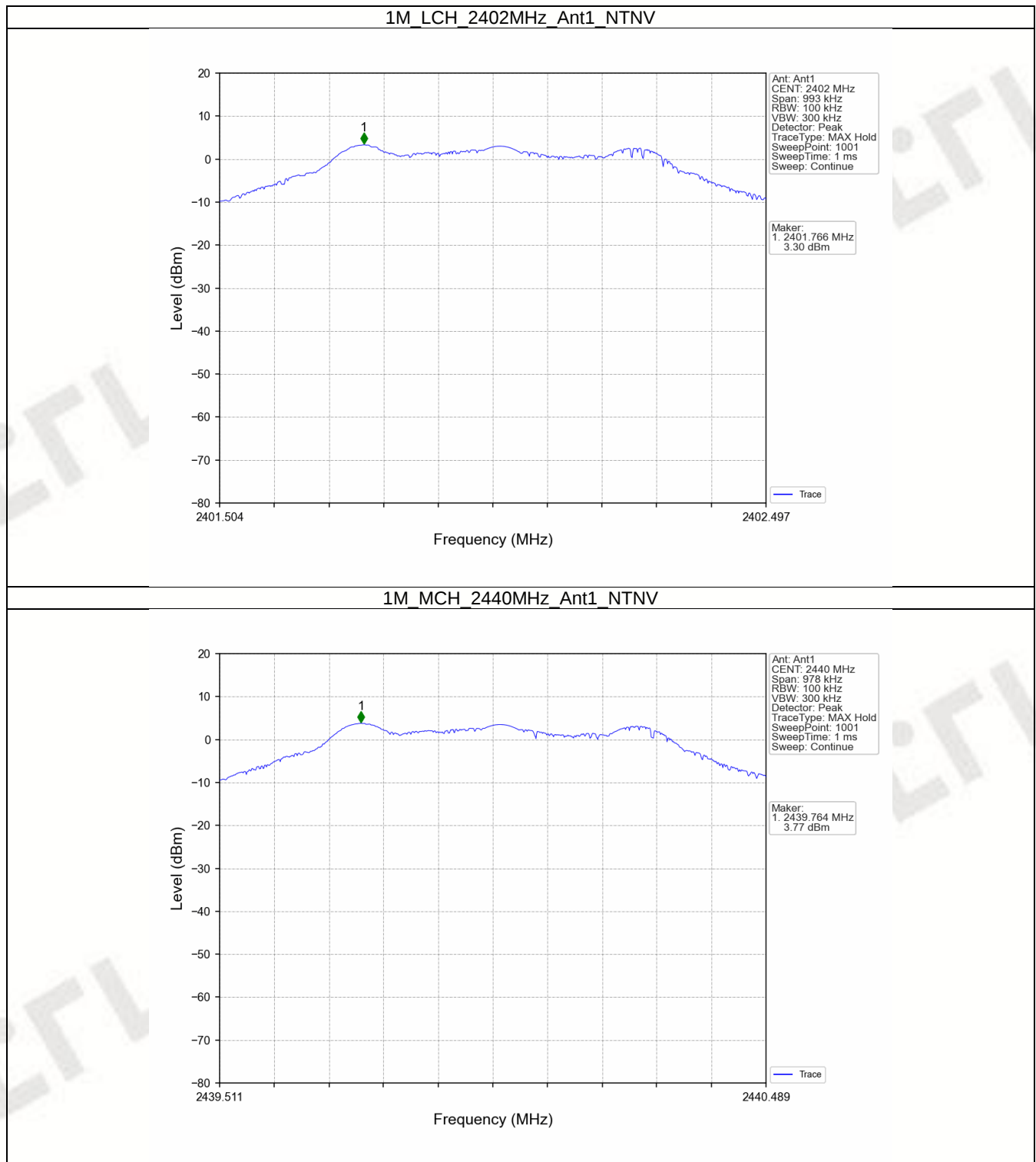
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	3.30
		2440	1	3.77
		2480	1	3.33
2M	SISO	2402	1	3.24
		2440	1	3.72
		2480	1	3.32

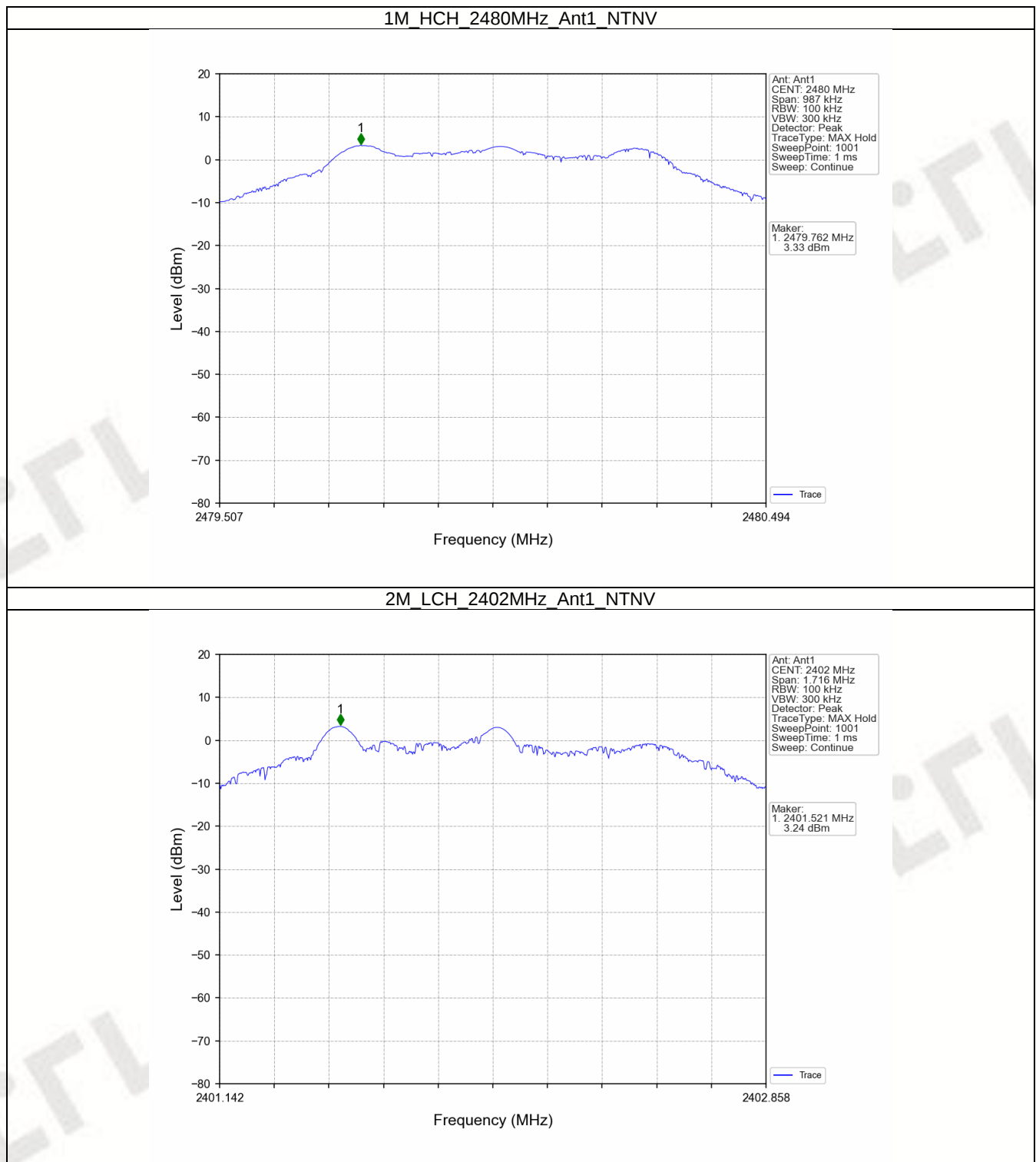
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

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4.1.2 Test Graph

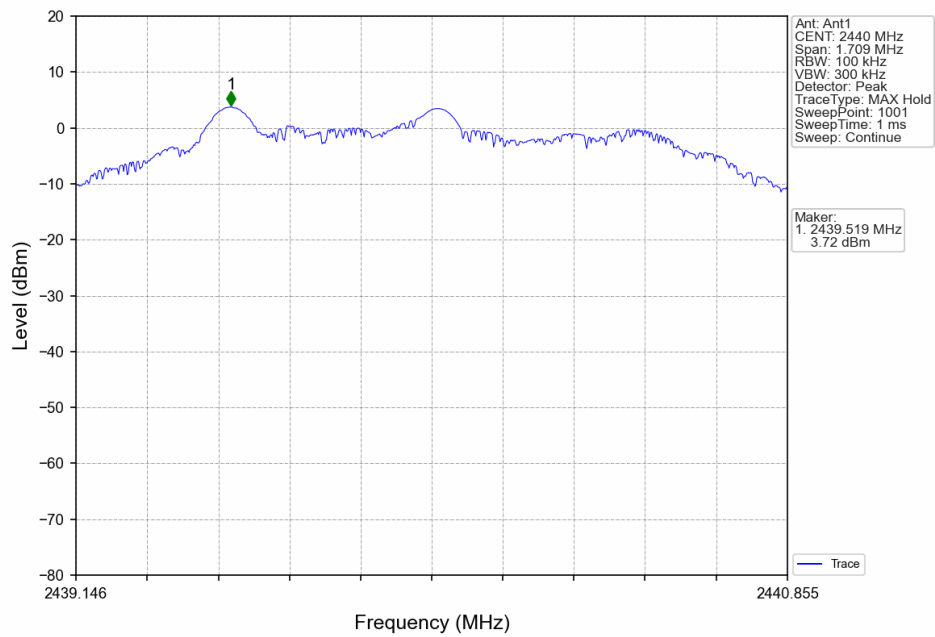


FCCID: 2A4CE-A6LECO

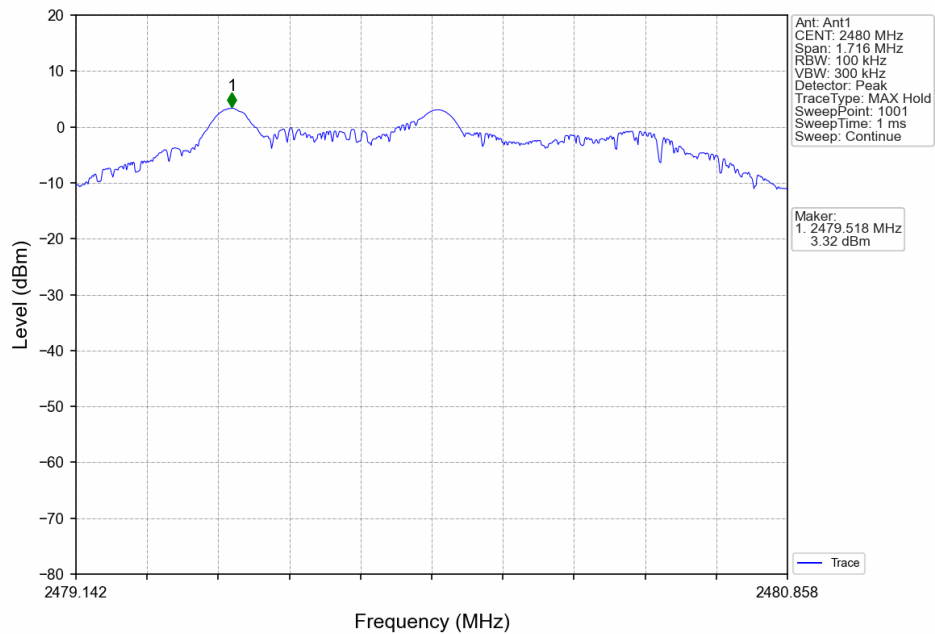


FCCID: 2A4CE-A6LECO

2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



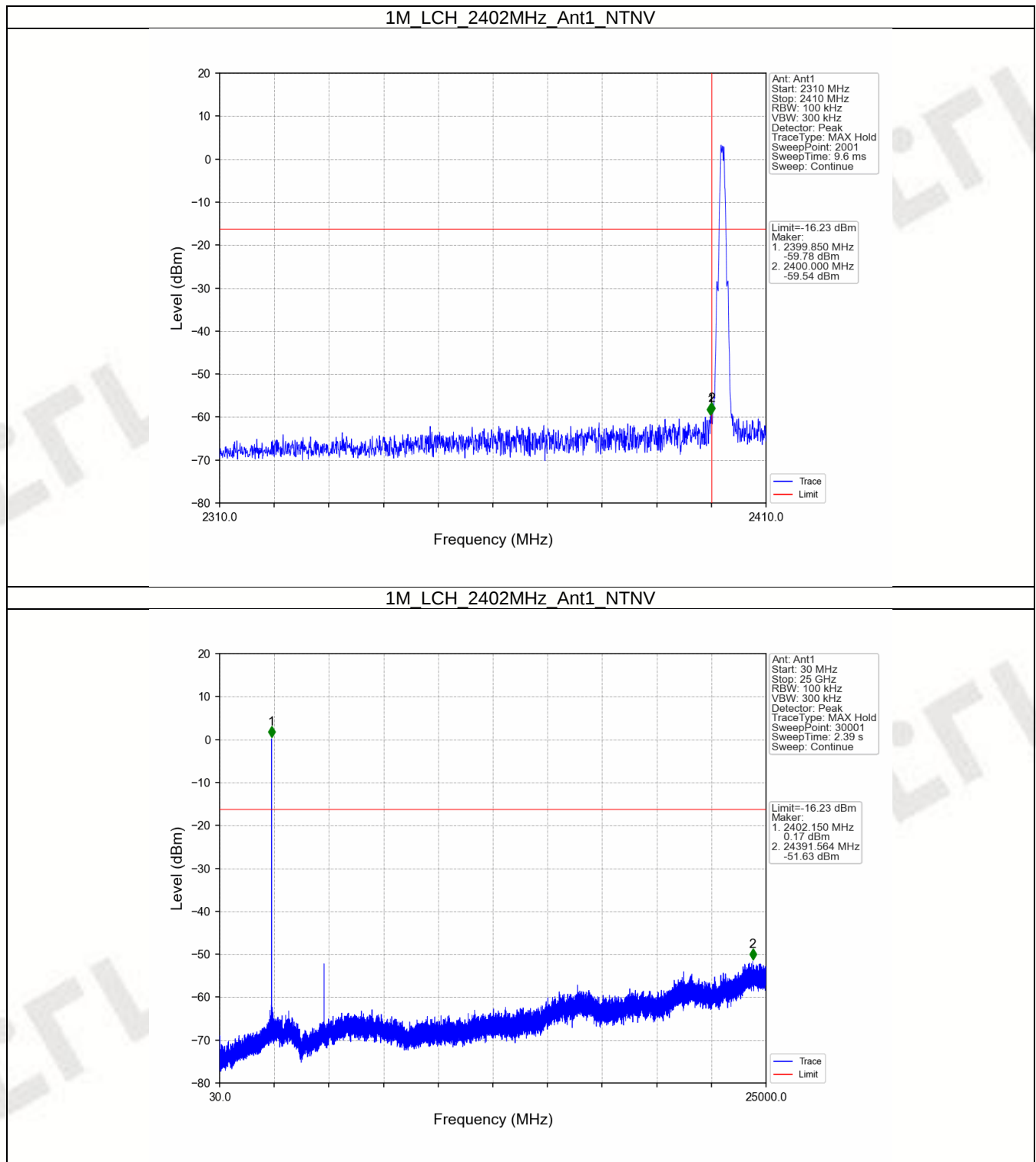
4.2 CSE

4.2.1 Test Result

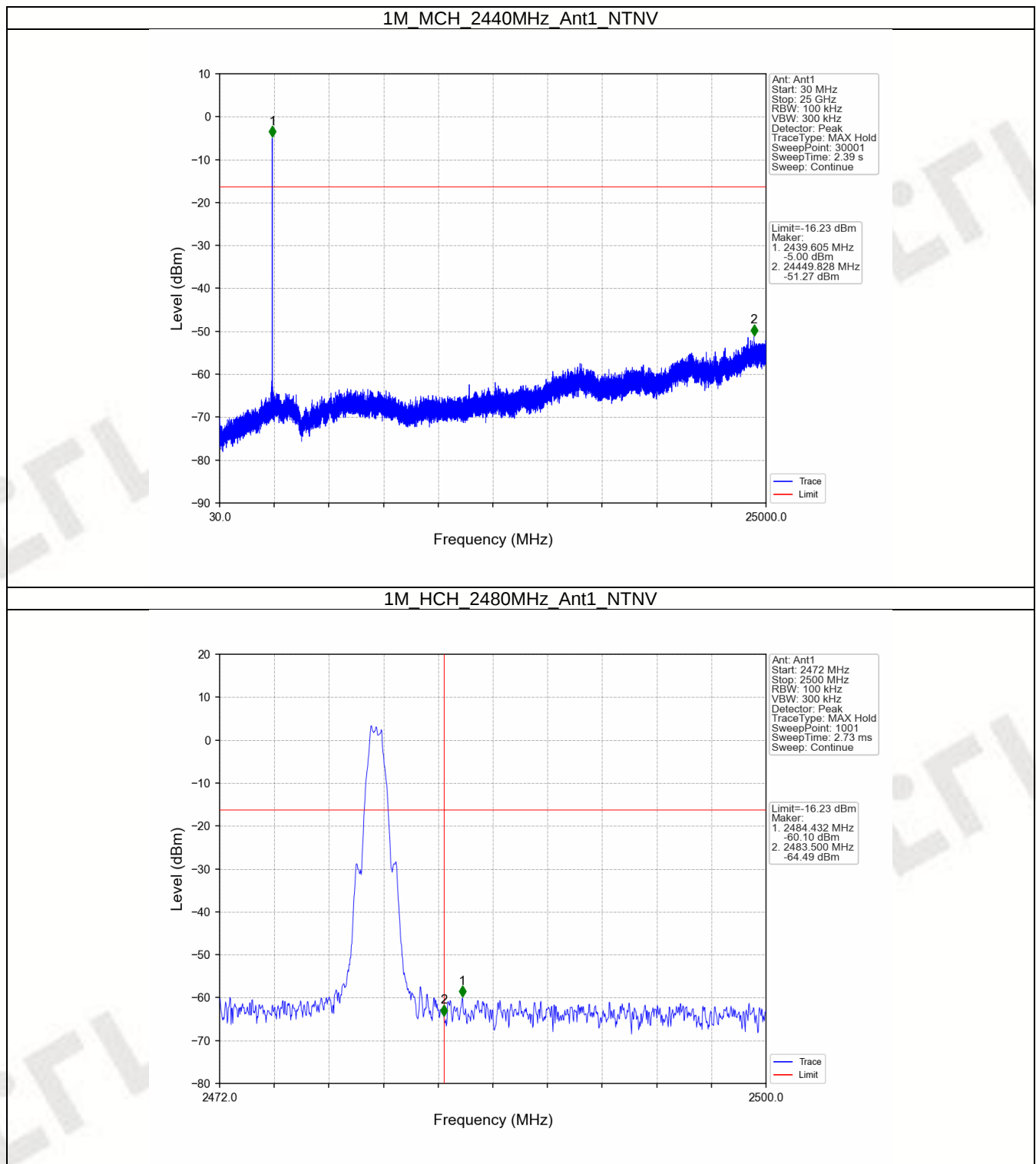
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	3.77	-16.23	Pass
		2440	1	3.77	-16.23	Pass
		2480	1	3.77	-16.23	Pass
2M	SISO	2402	1	3.72	-16.28	Pass
		2440	1	3.72	-16.28	Pass
		2480	1	3.72	-16.28	Pass
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.						

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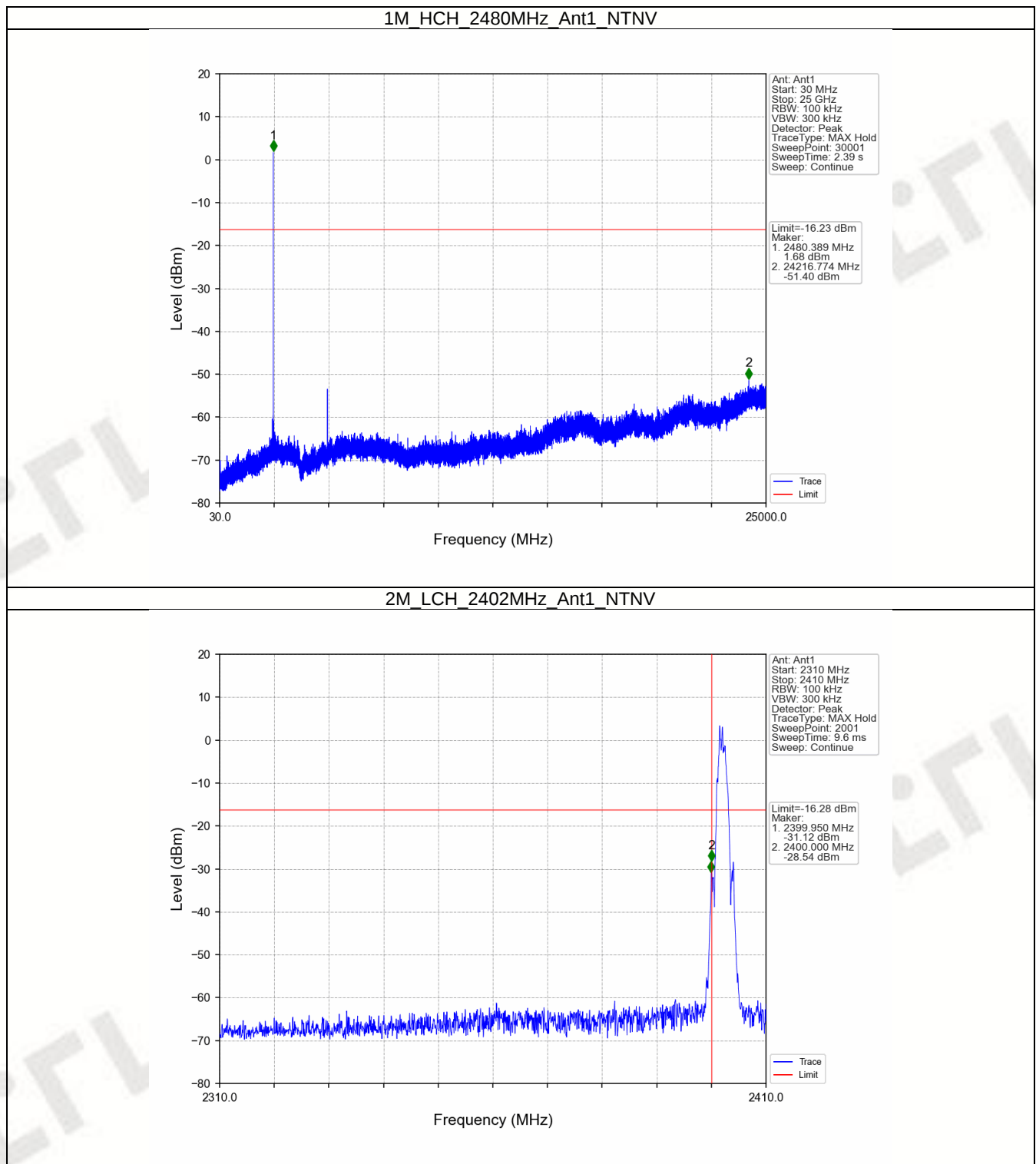
4.2.2 Test Graph



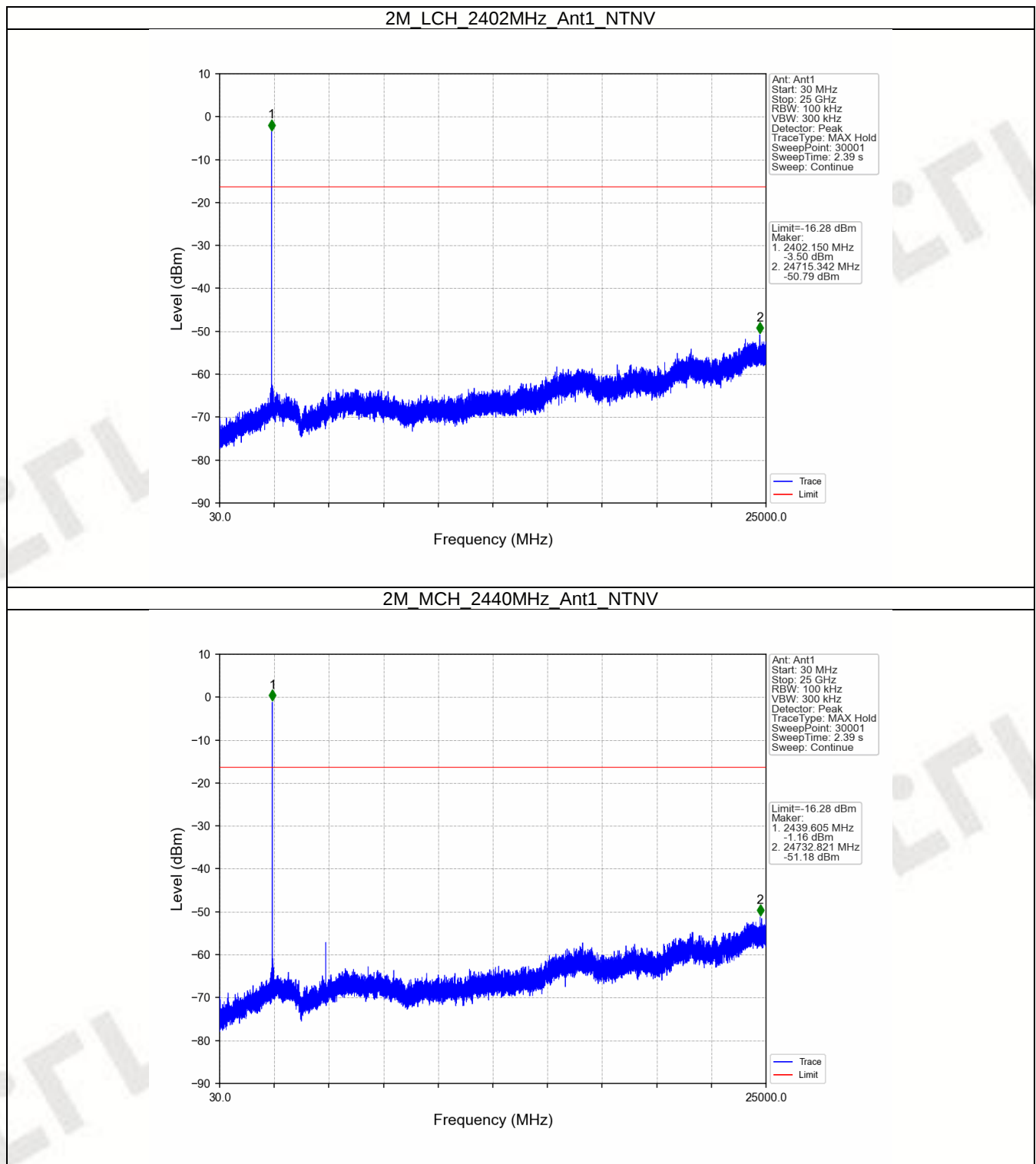
FCCID: 2A4CE-A6LECO



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FCCID: 2A4CE-A6LECO



FCCID: 2A4CE-A6LECO

