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Annex for BLE

Test Report No.: CTL2401161021-WF01

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FCCID: 2BF2Z-GOPOD

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FCCID: 2BF2Z-GOPOD

1. Bandwidth

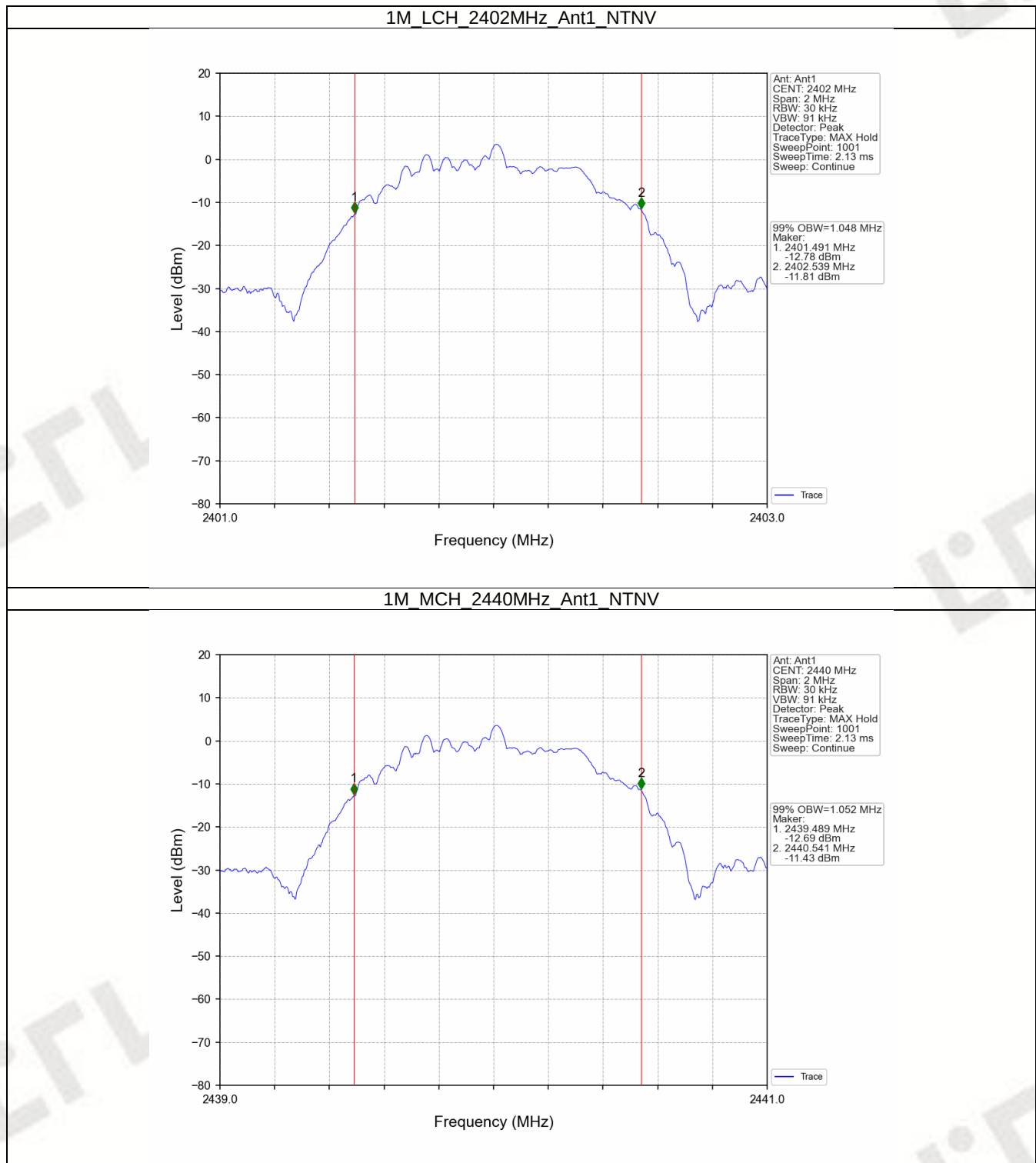
1.1 OBW

1.1.1 Test Result

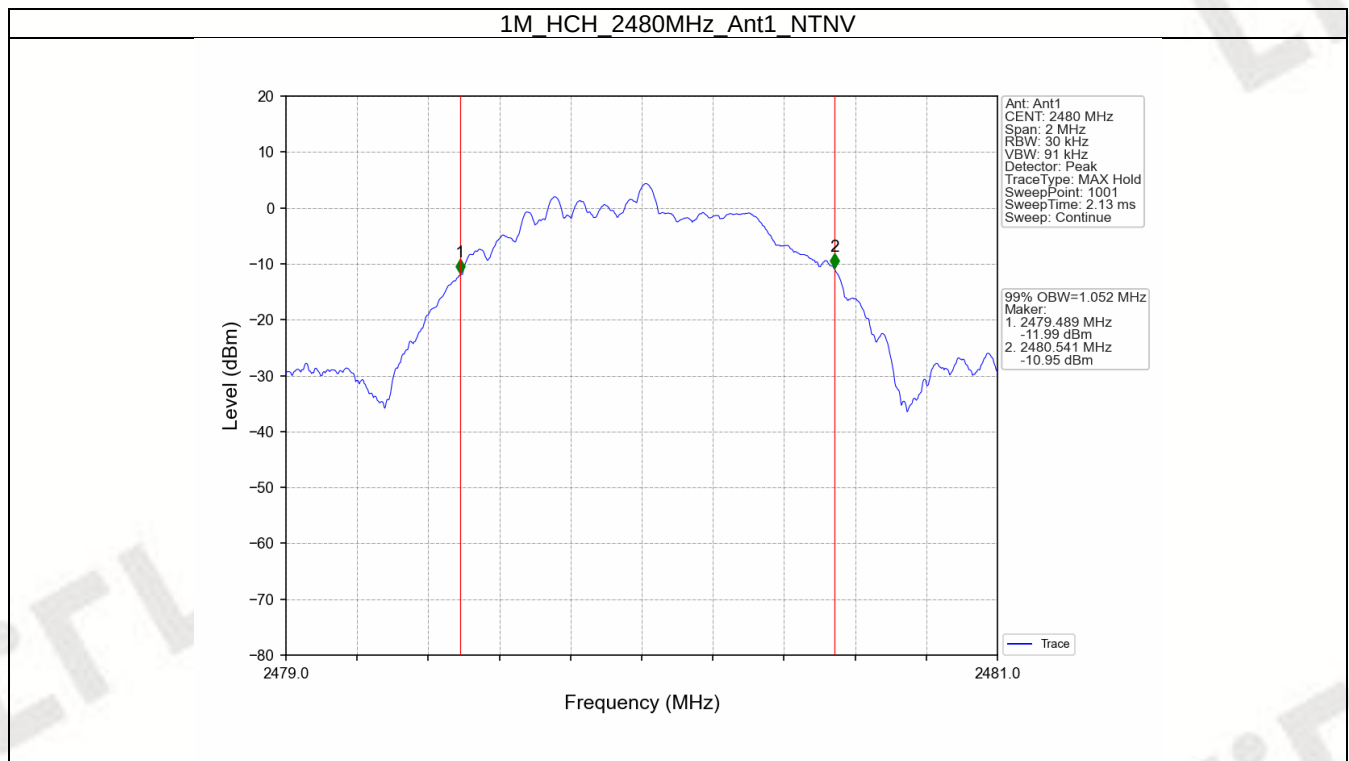
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	1.048	/	Pass
		2440	1	1.052	/	Pass
		2480	1	1.052	/	Pass

FCCID: 2BF2Z-GOPOD

1.1.2 Test Graph



FCCID: 2BF2Z-GOPOD



FCCID: 2BF2Z-GOPOD

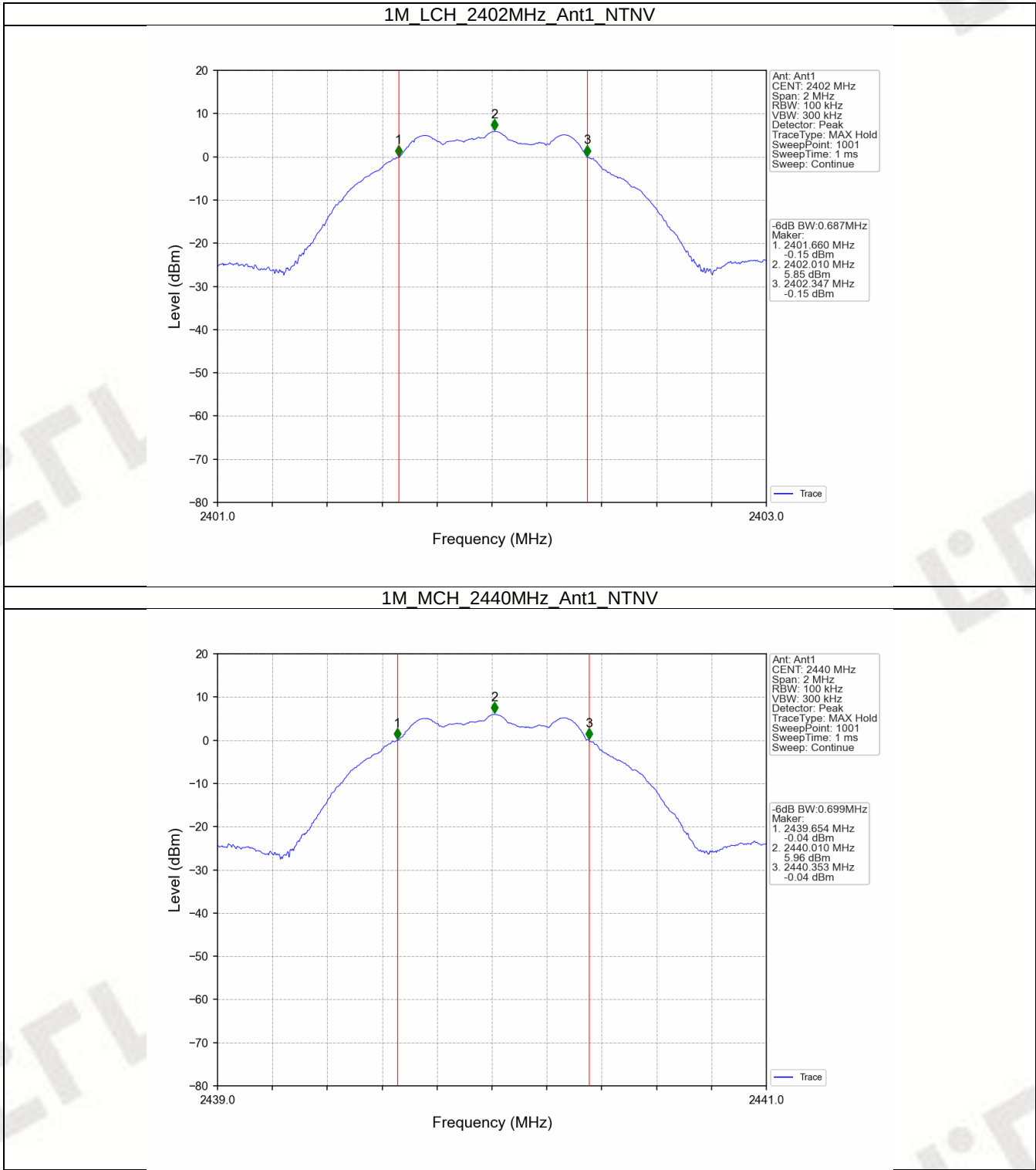
1.2 6dB BW

1.2.1 Test Result

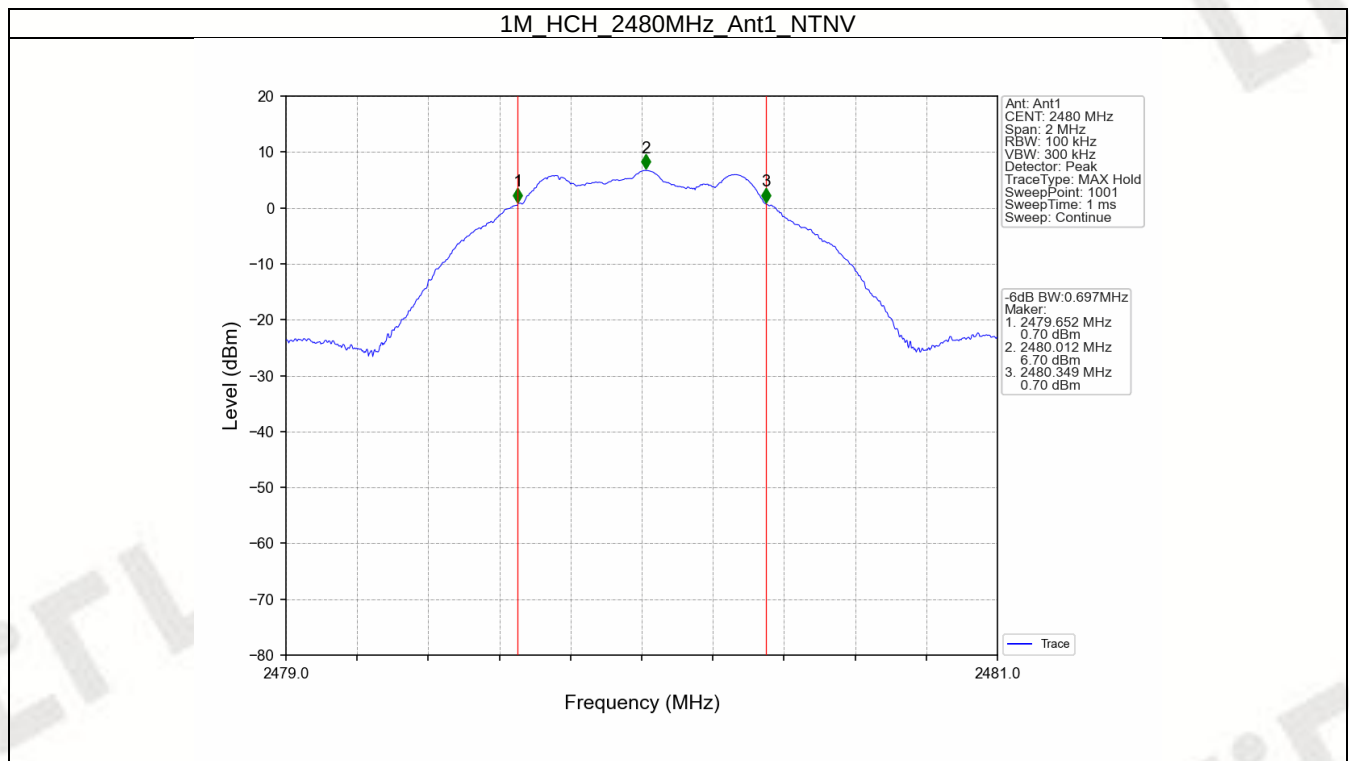
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.687	≥ 0.5	Pass
		2440	1	0.699	≥ 0.5	Pass
		2480	1	0.697	≥ 0.5	Pass

FCCID: 2BF2Z-GOPOD

1.2.2 Test Graph



FCCID: 2BF2Z-GOPOD



FCCID: 2BF2Z-GOPOD

2. Maximum Conducted Output Power

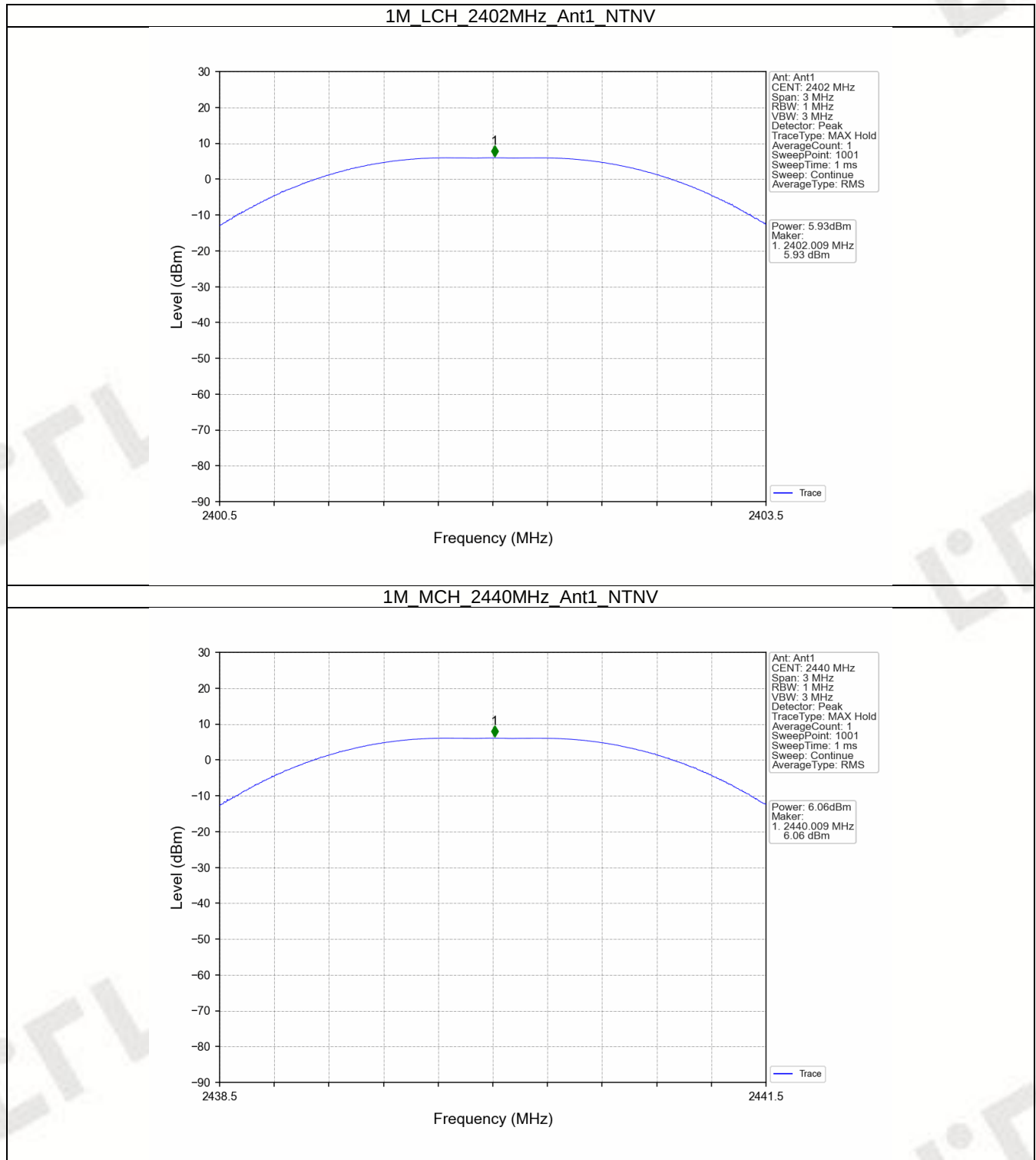
2.1 Power

2.1.1 Test Result

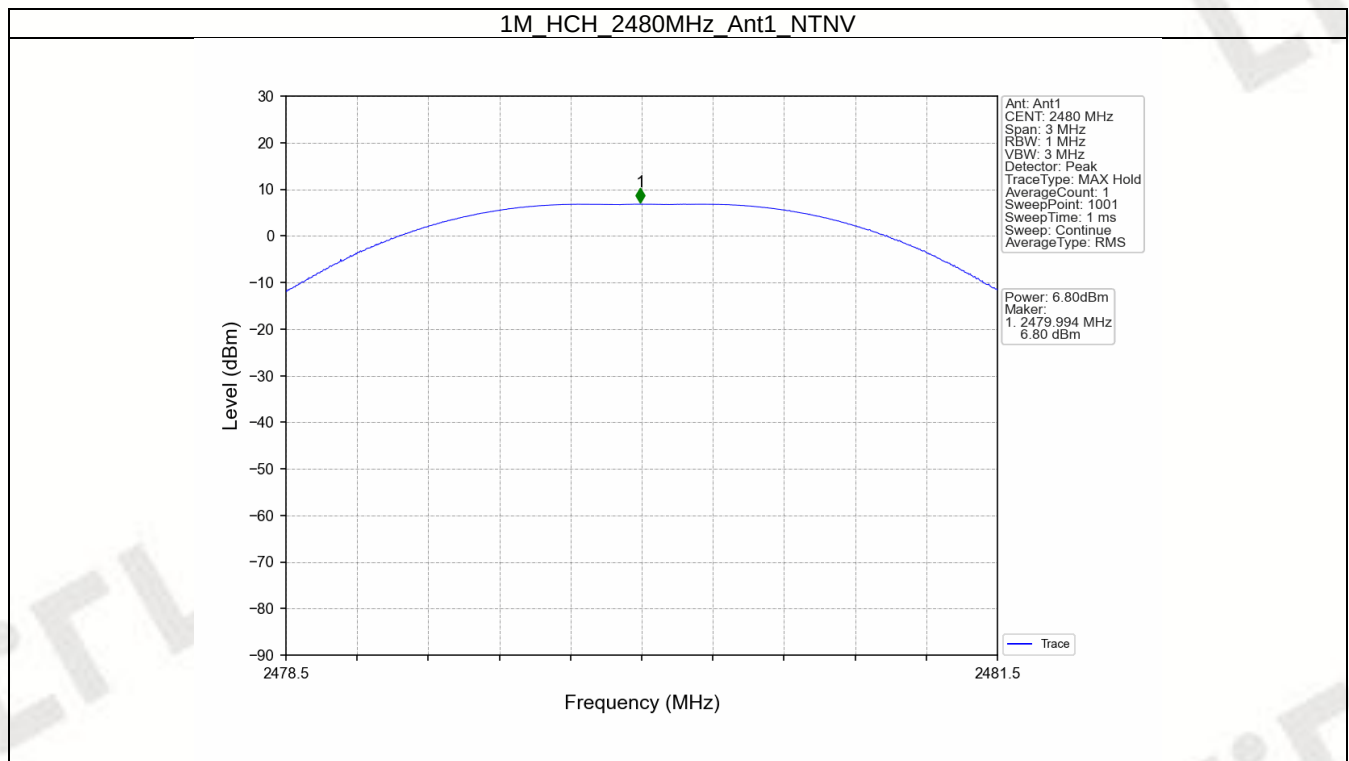
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	5.93	<=30	Pass
		2440	6.06	<=30	Pass
		2480	6.80	<=30	Pass
Note1: Antenna Gain: Ant1: 1.26dBi;					

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2.1.2 Test Graph



FCCID: 2BF2Z-GOPOD



FCCID: 2BF2Z-GOPOD

3. Maximum Power Spectral Density

3.1 PSD

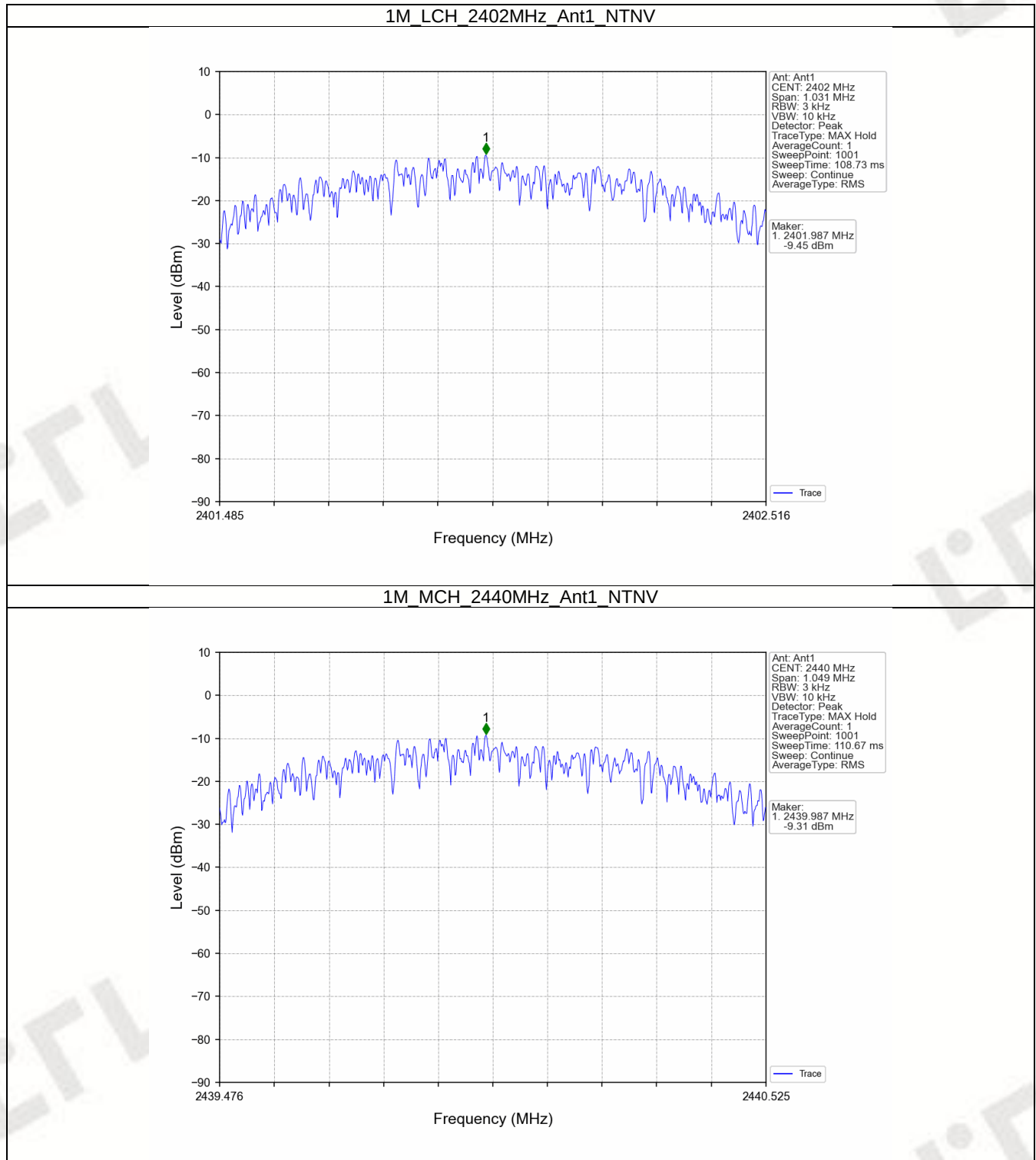
3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
1M	SISO	2402	-9.45	<=8	Pass
		2440	-9.31	<=8	Pass
		2480	-8.65	<=8	Pass

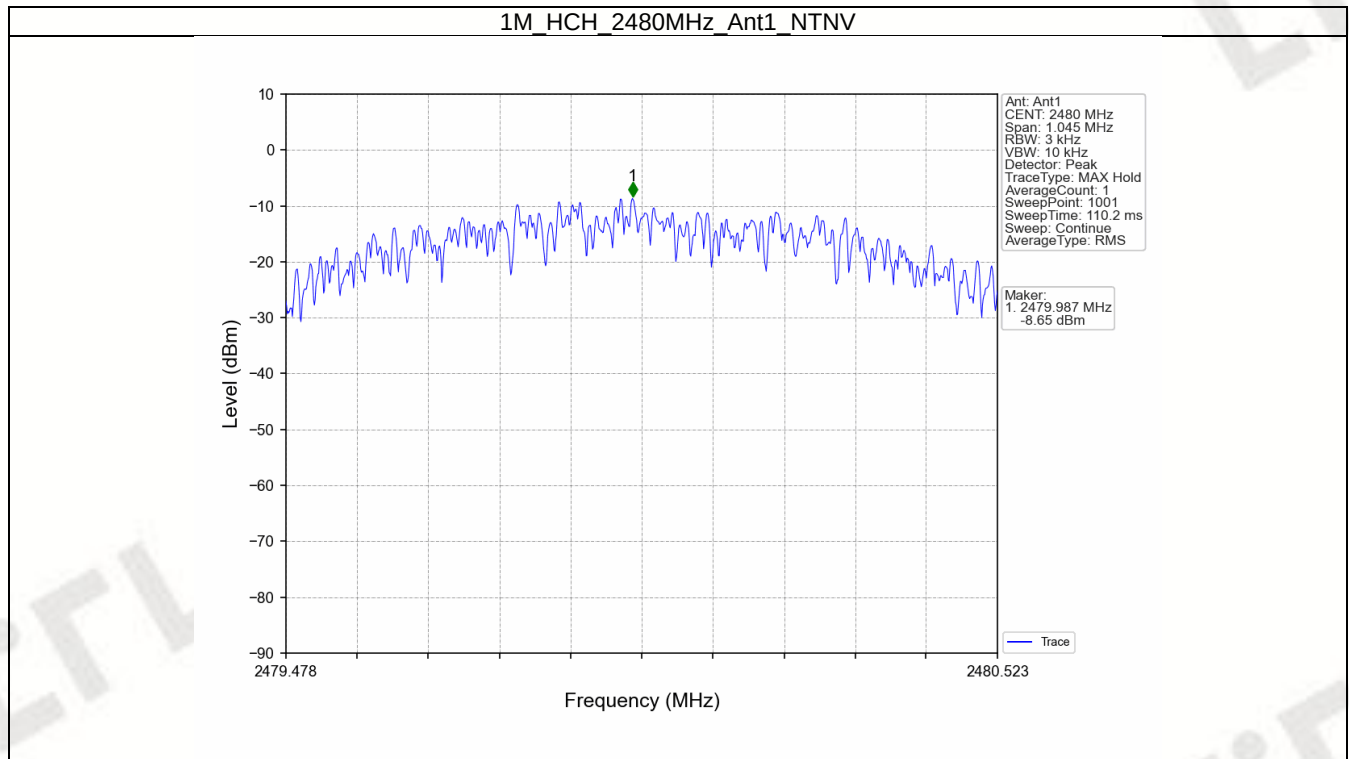
Note1: Antenna Gain: Ant1: 1.26dBi;

FCCID: 2BF2Z-GOPOD

3.1.2 Test Graph



FCCID: 2BF2Z-GOPOD



4. Unwanted Emissions In Non-restricted Frequency Bands

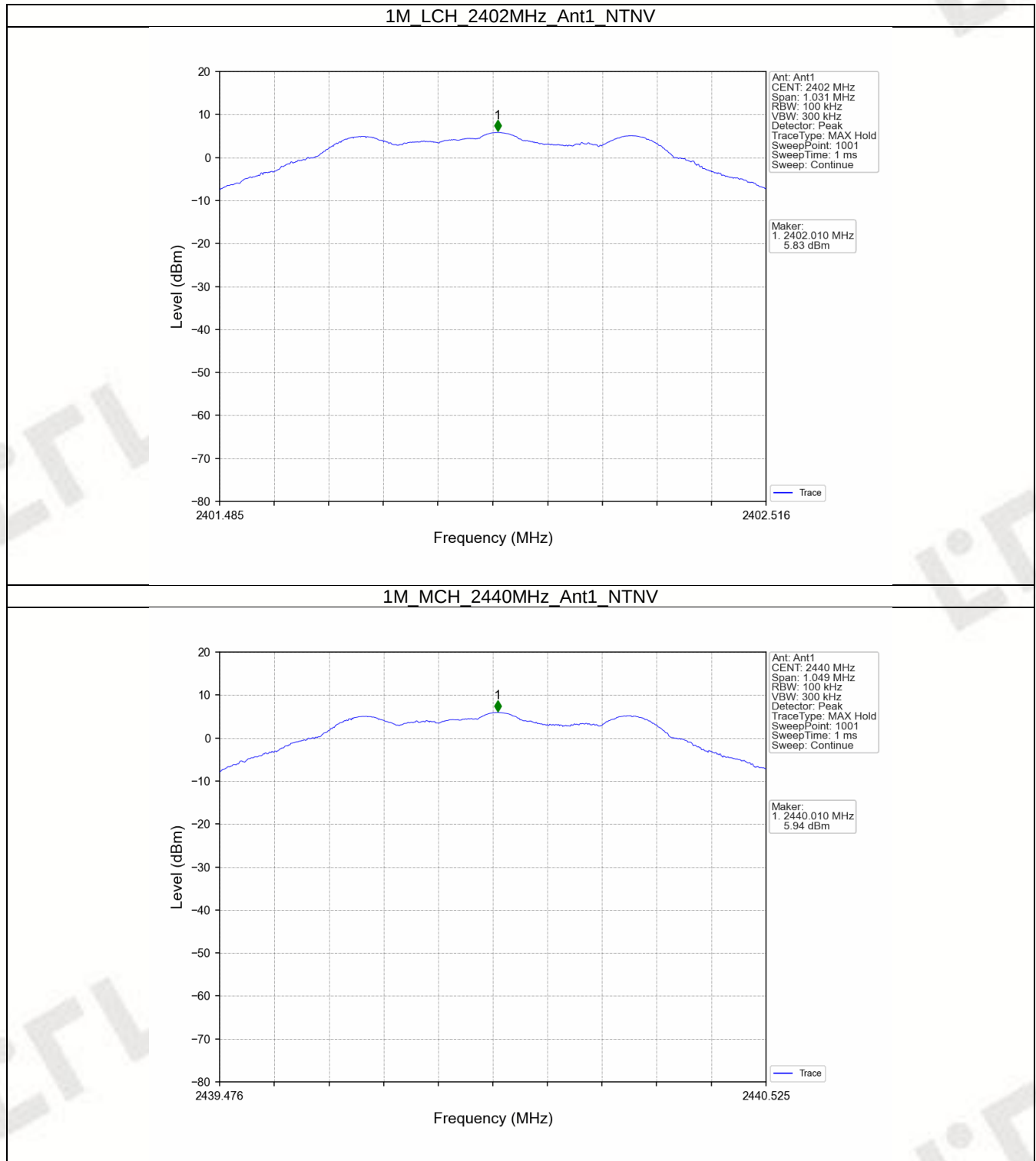
4.1 Ref

4.1.1 Test Result

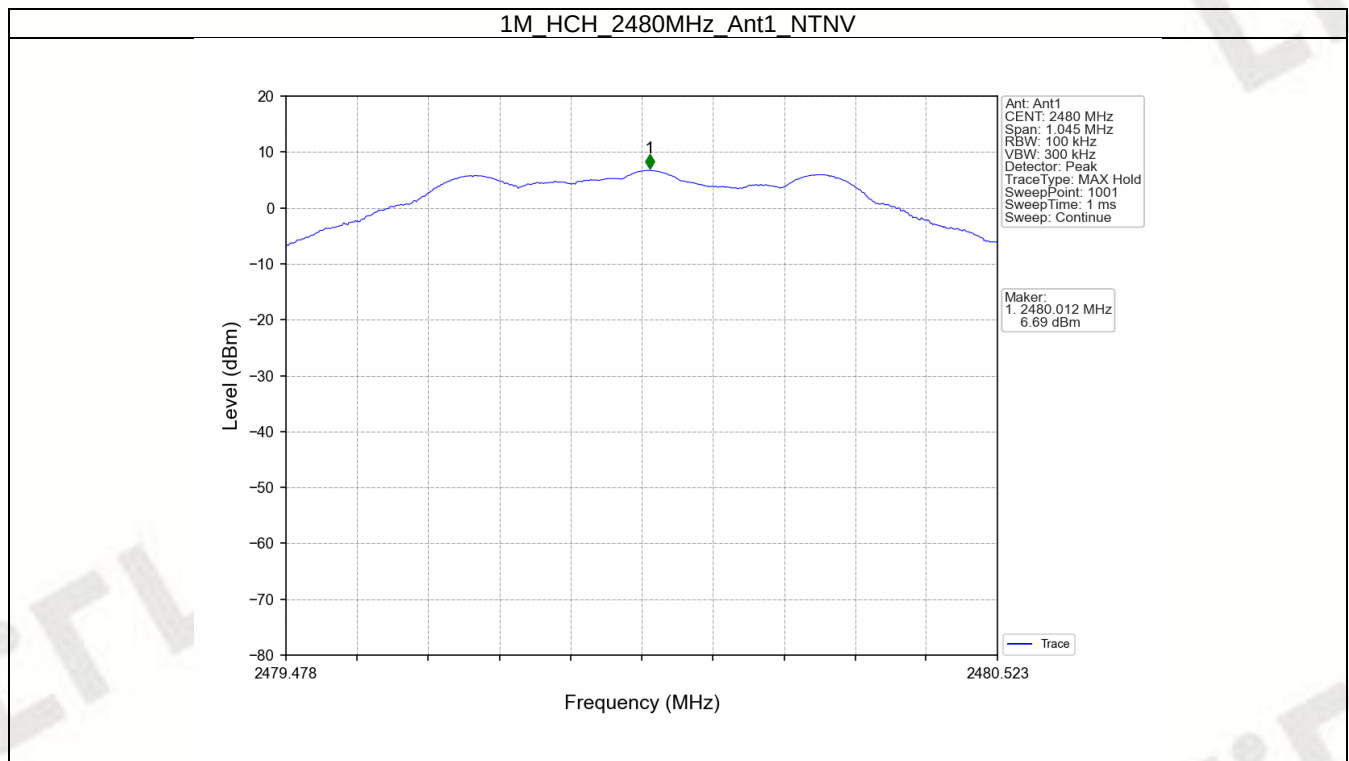
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	5.83
		2440	1	5.94
		2480	1	6.69
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.				

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4.1.2 Test Graph



FCCID: 2BF2Z-GOPOD



FCCID: 2BF2Z-GOPOD

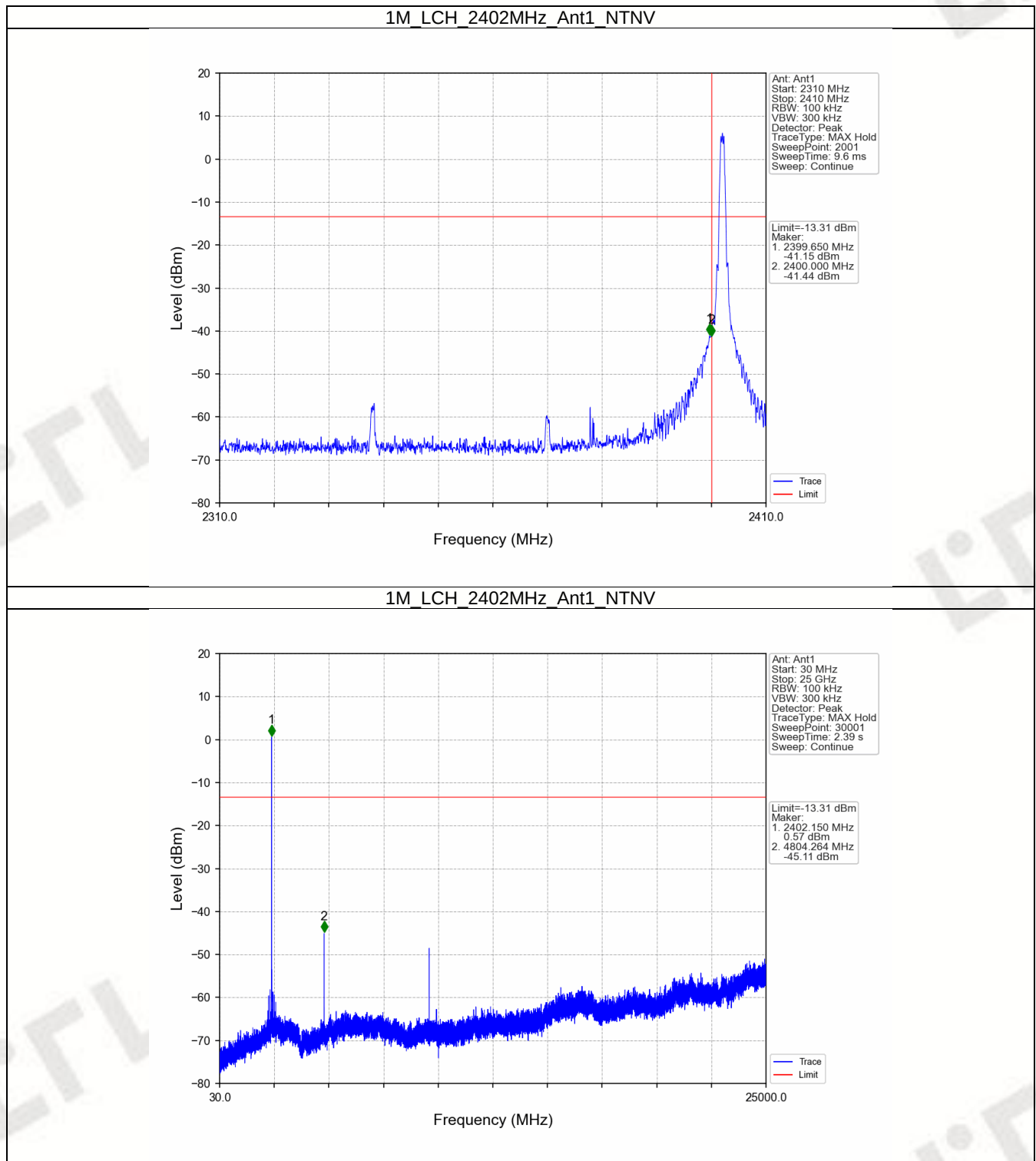
4.2 CSE

4.2.1 Test Result

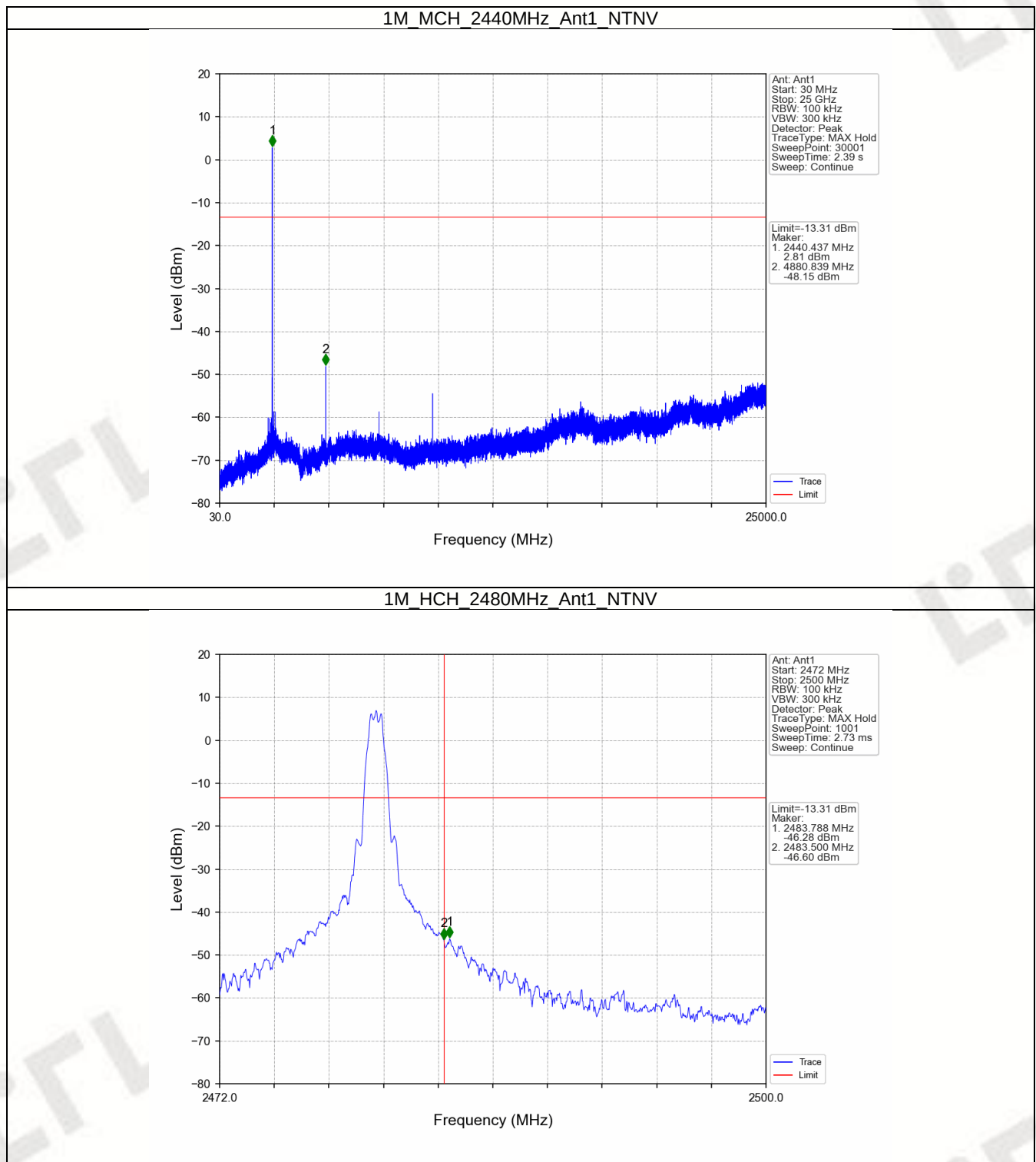
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	6.69	-13.31	Pass
		2440	1	6.69	-13.31	Pass
		2480	1	6.69	-13.31	Pass
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.						

FCCID: 2BF2Z-GOPOD

4.2.2 Test Graph



FCCID: 2BF2Z-GOPOD



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