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Annex for Bluetooth Low Energy

Test Report No.: CTL2605252051-WF01

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FCC ID: 2AD XO-GXH2

1. Bandwidth

1.1 Test Result

1.1.1 OBW

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	1.041	/	Pass
		2440	1	1.040	/	Pass
		2480	1	1.042	/	Pass

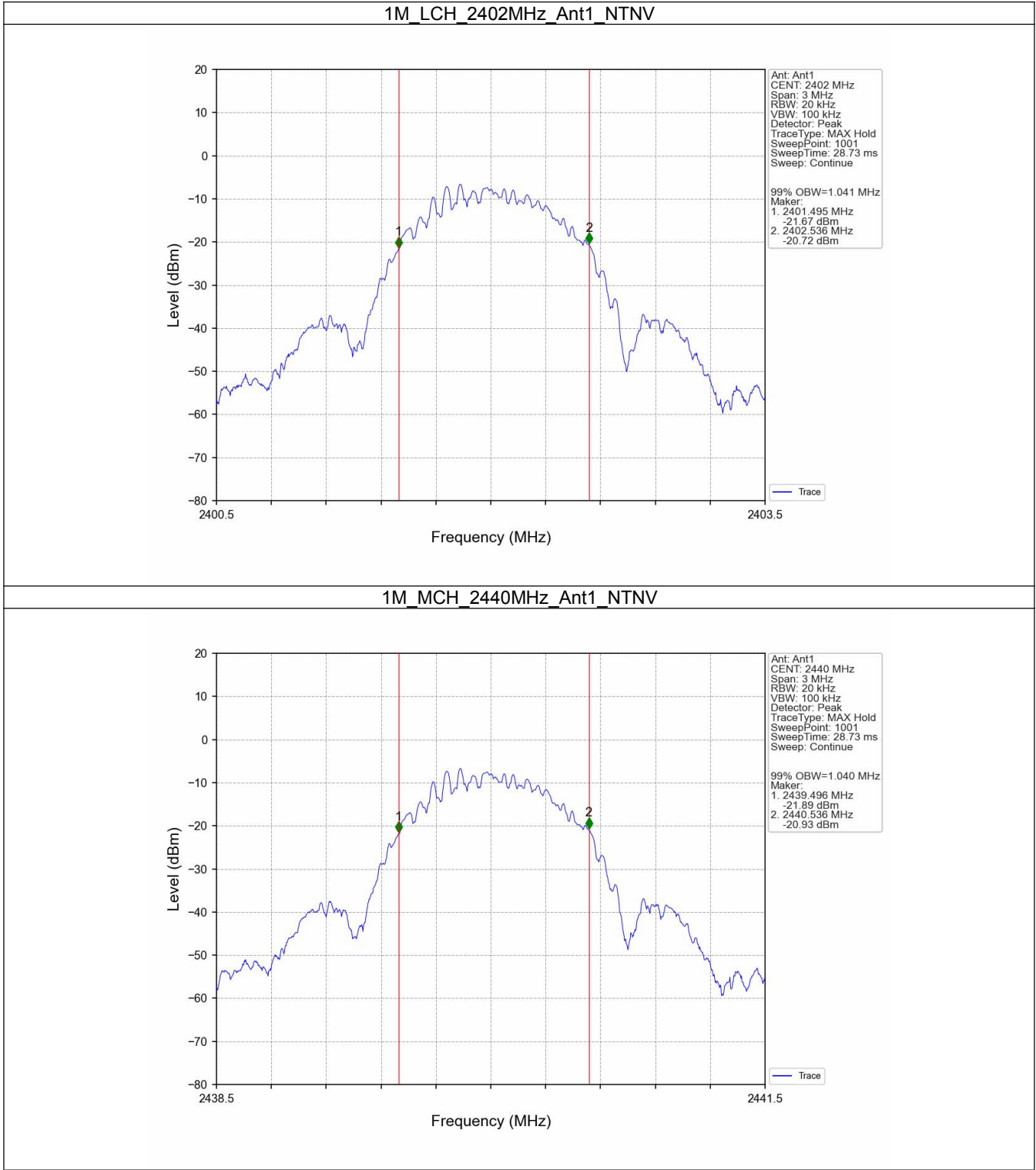
1.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.728	≥ 0.5	Pass
		2440	1	0.726	≥ 0.5	Pass
		2480	1	0.731	≥ 0.5	Pass

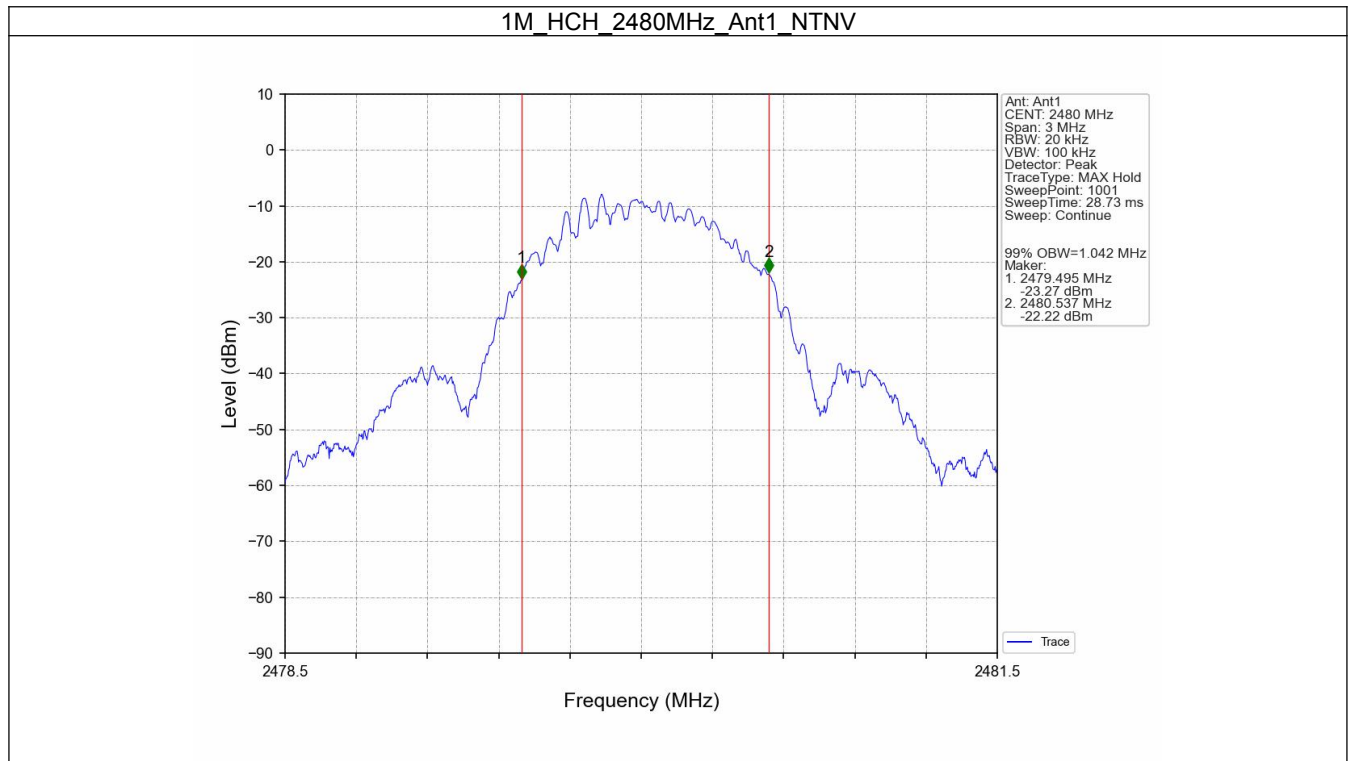
FCC ID: 2AD XO-GXH2

1.2 Test Graph

1.2.1 OBW

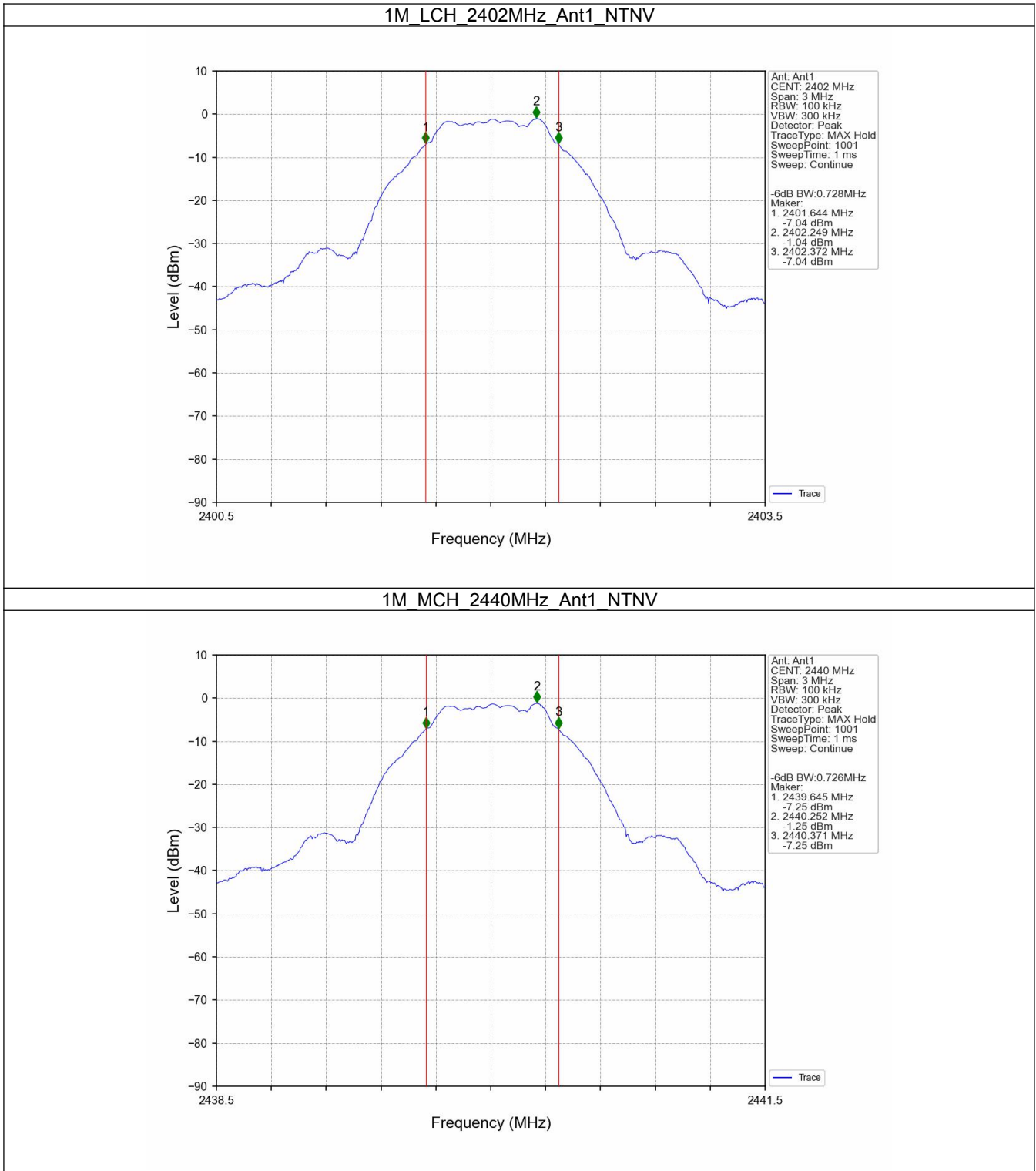


FCC ID: 2AD XO-GXH2

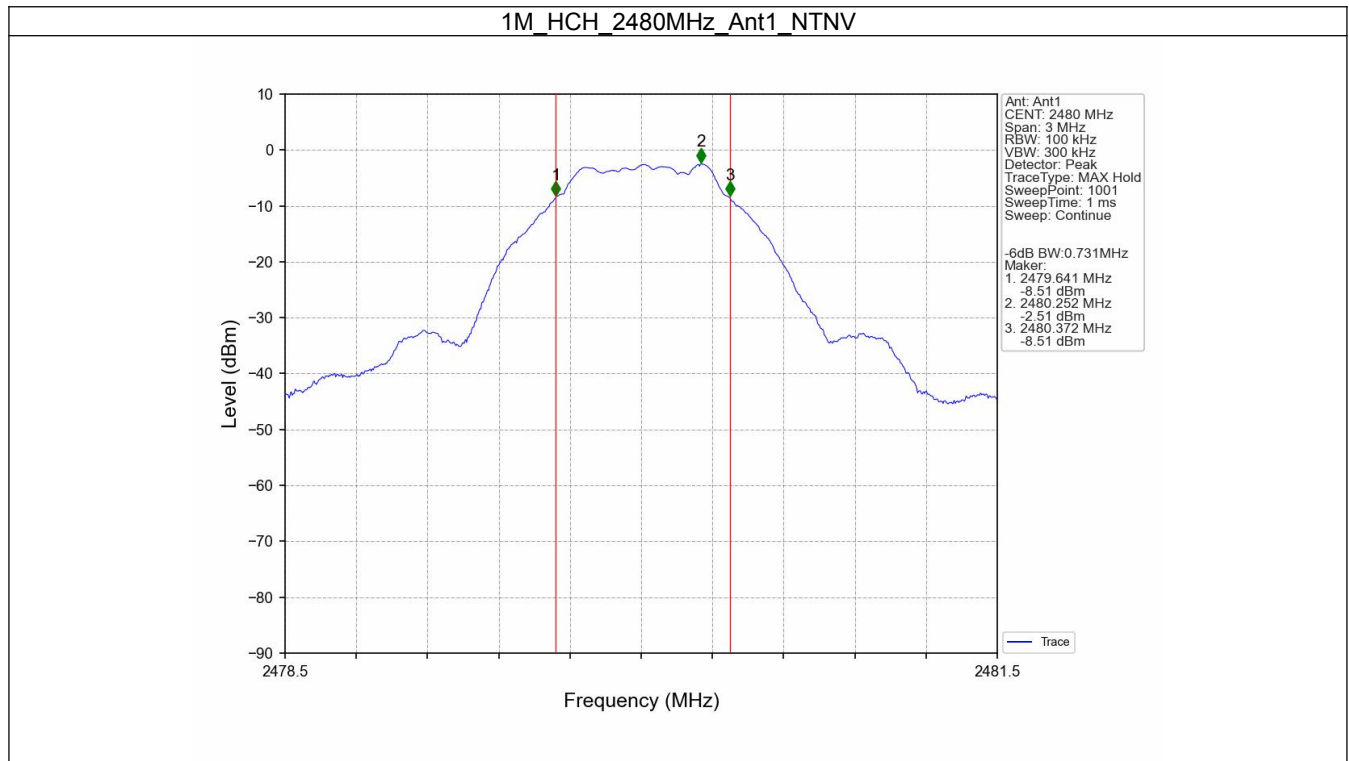


FCC ID: 2AD XO-GXH2

1.2.2 6dB BW



FCC ID: 2AD XO-GXH2



FCC ID: 2AD XO-GXH2

2. Maximum Conducted Output Power

2.1 Test Result

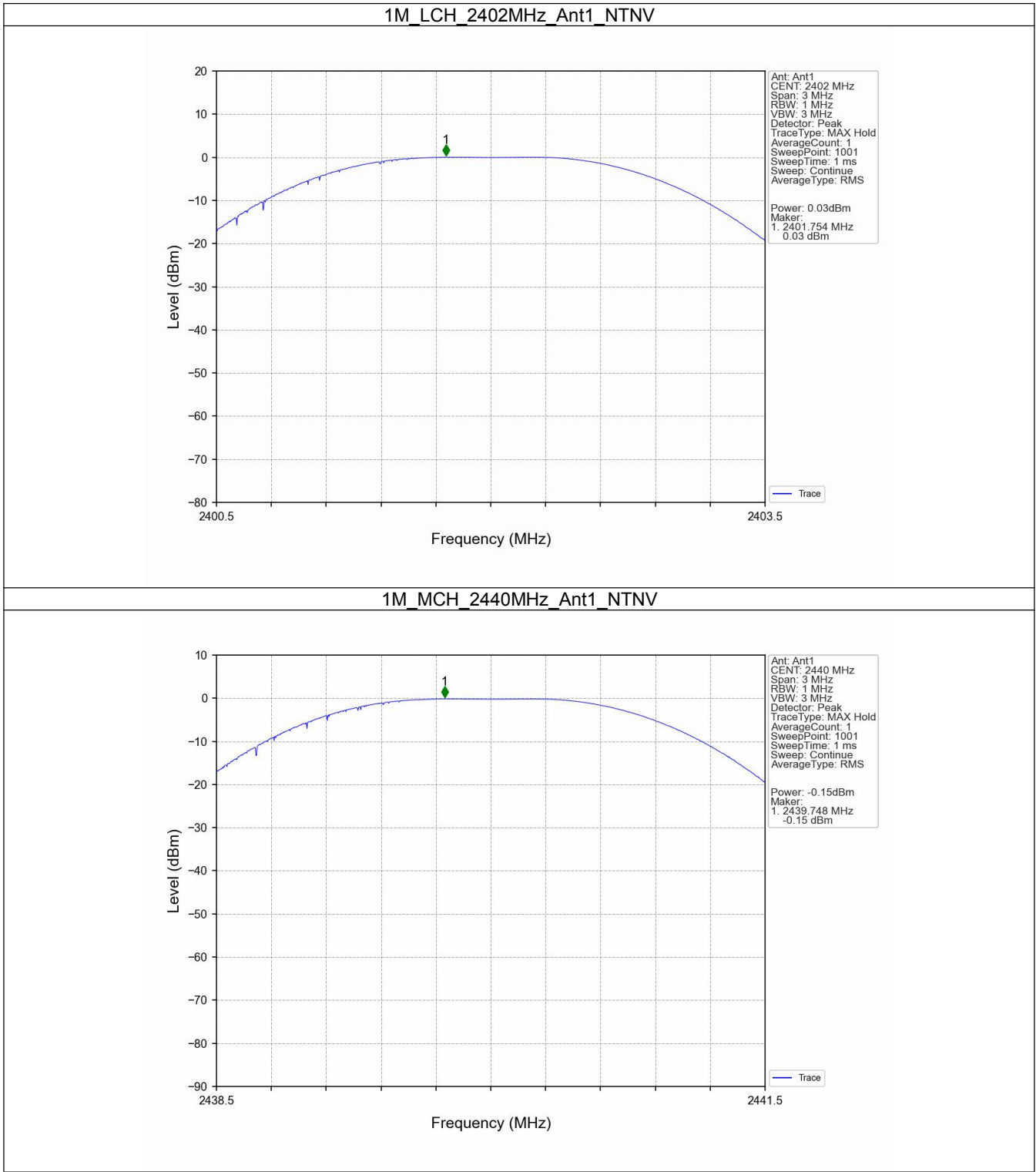
2.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	0.03	<=30	Pass
		2440	-0.15	<=30	Pass
		2480	-1.40	<=30	Pass
Note1: Antenna Gain: Ant1: 0.55dBi;					

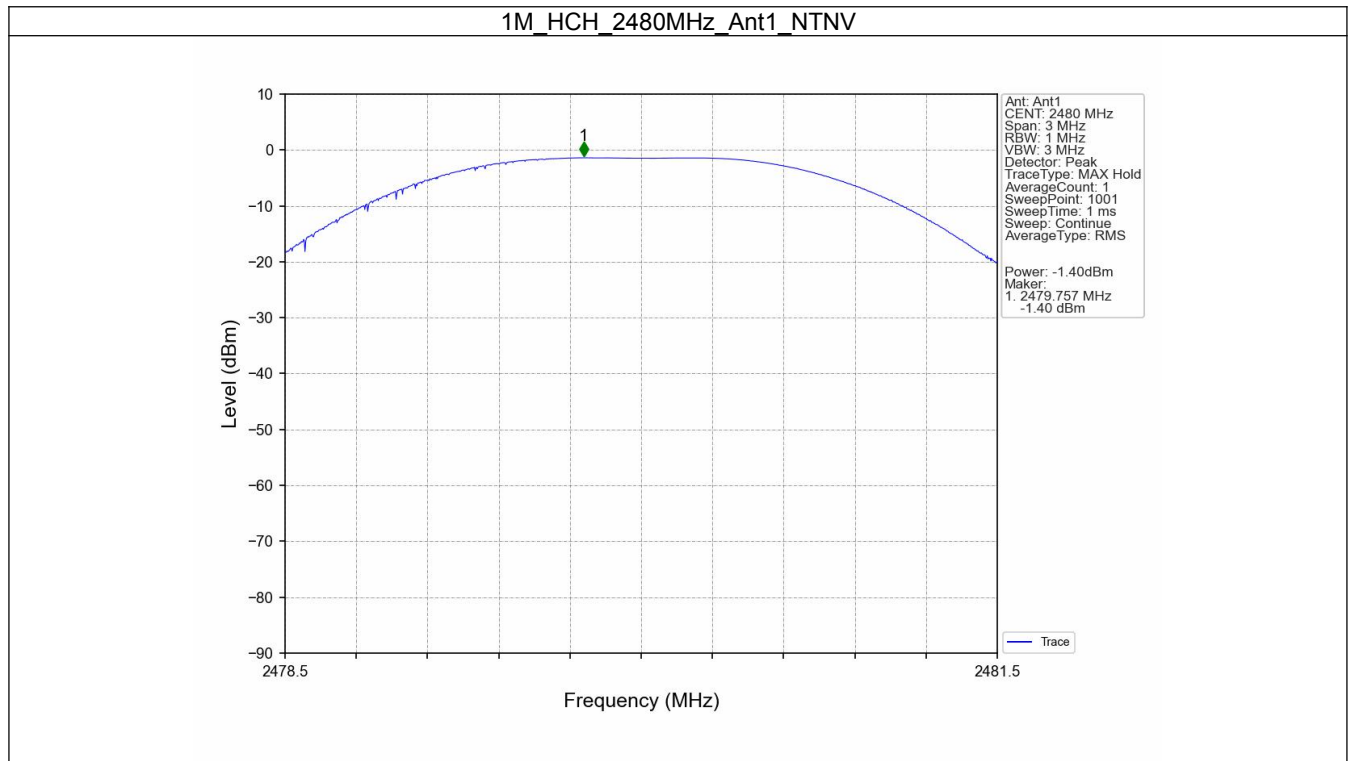
FCC ID: 2AD XO-GXH2

2.2 Test Graph

2.2.1 Power



FCC ID: 2AD XO-GXH2



FCC ID: 2AD XO-GXH2

3. Maximum Power Spectral Density

3.1 Test Result

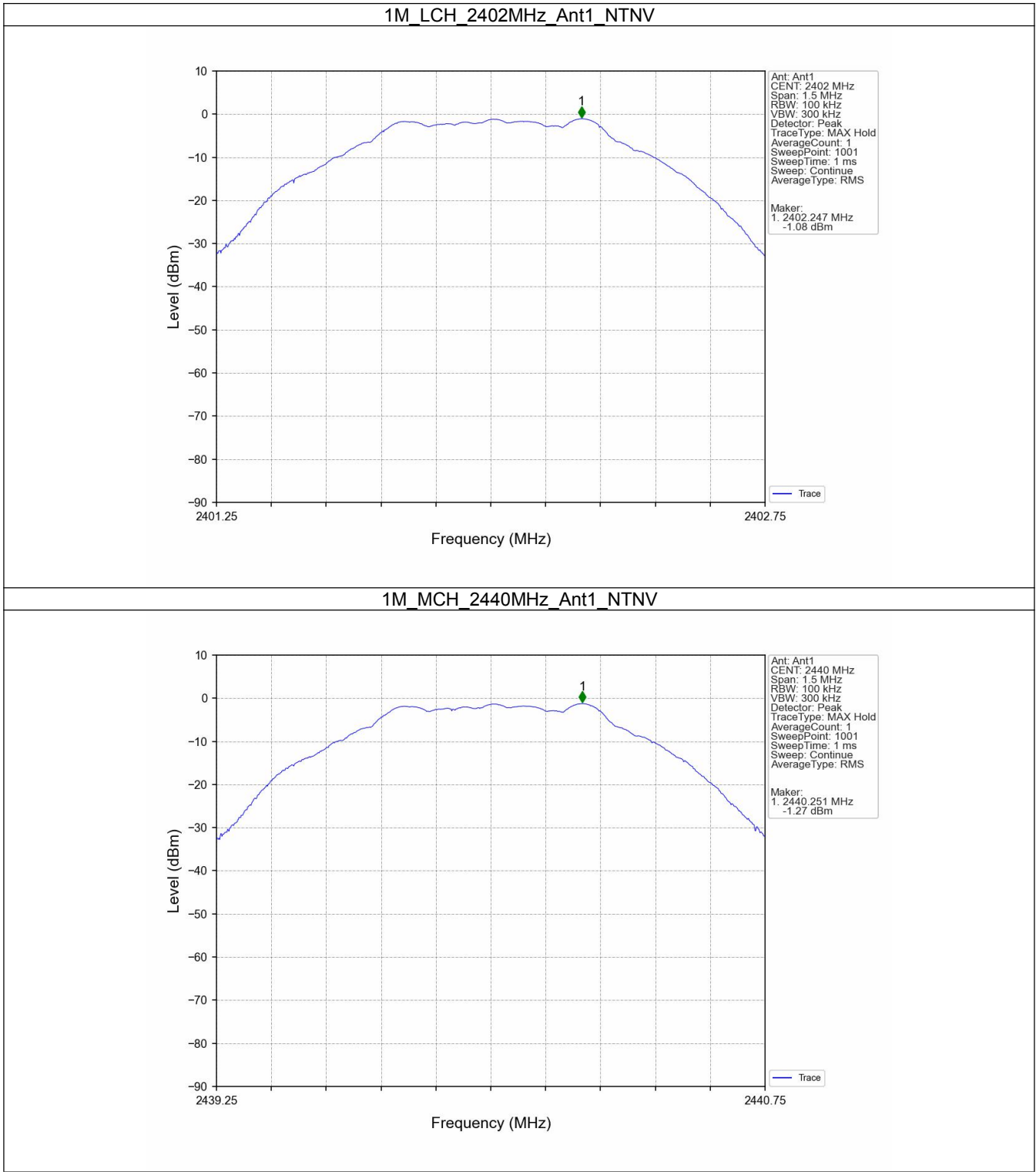
3.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm)		Verdict
			ANT1	Limit(dBm/3kHz)	
1M	SISO	2402	-1.08dBm/100kHz	<=8	Pass
		2440	-1.27dBm/100kHz	<=8	Pass
		2480	-2.53dBm/100kHz	<=8	Pass
Note1: Antenna Gain: Ant1: 0.55dBi;					

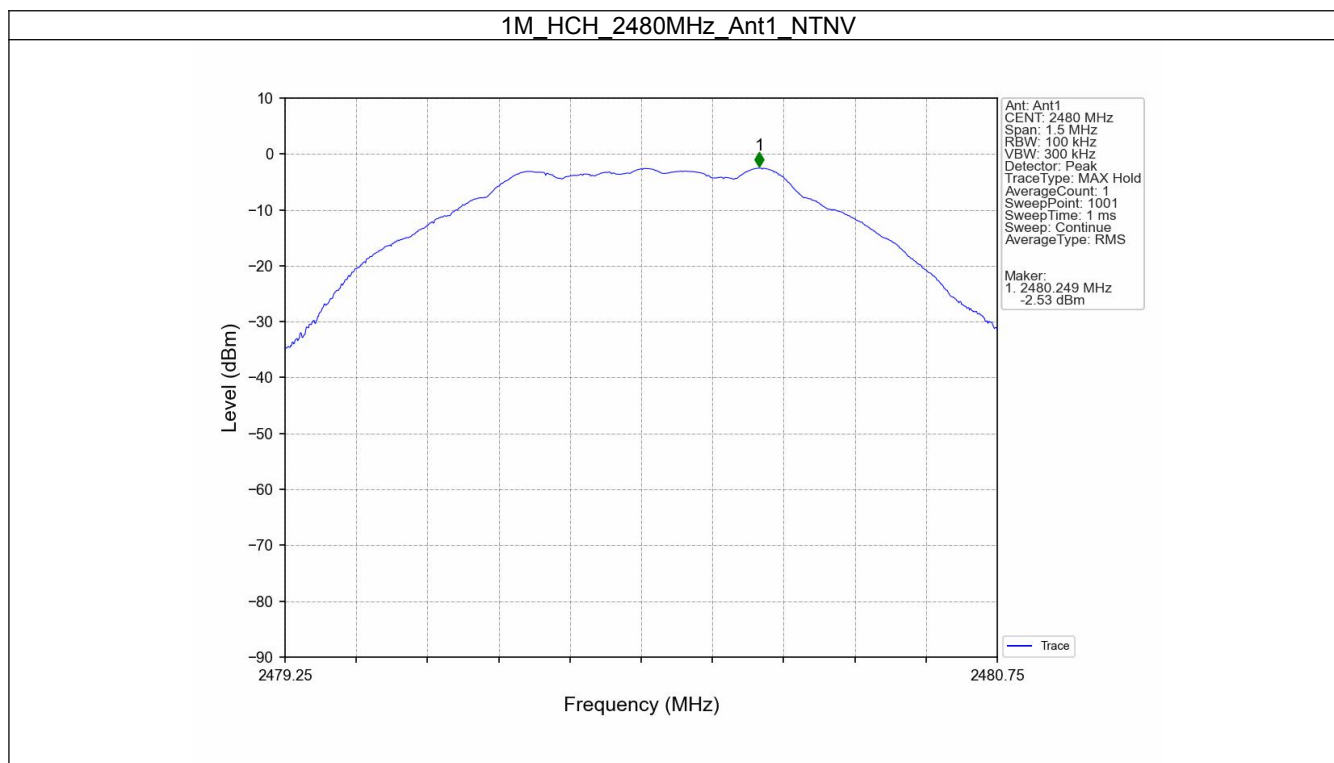
FCC ID: 2AD XO-GXH2

3.2 Test Graph

3.2.1 PSD



FCC ID: 2AD XO-GXH2



FCC ID: 2AD XO-GXH2

4. Unwanted Emissions In Non-restricted Frequency Bands

4.1 Test Result

4.1.1 Ref

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	-1.08
		2440	1	-1.26
		2480	1	-2.52

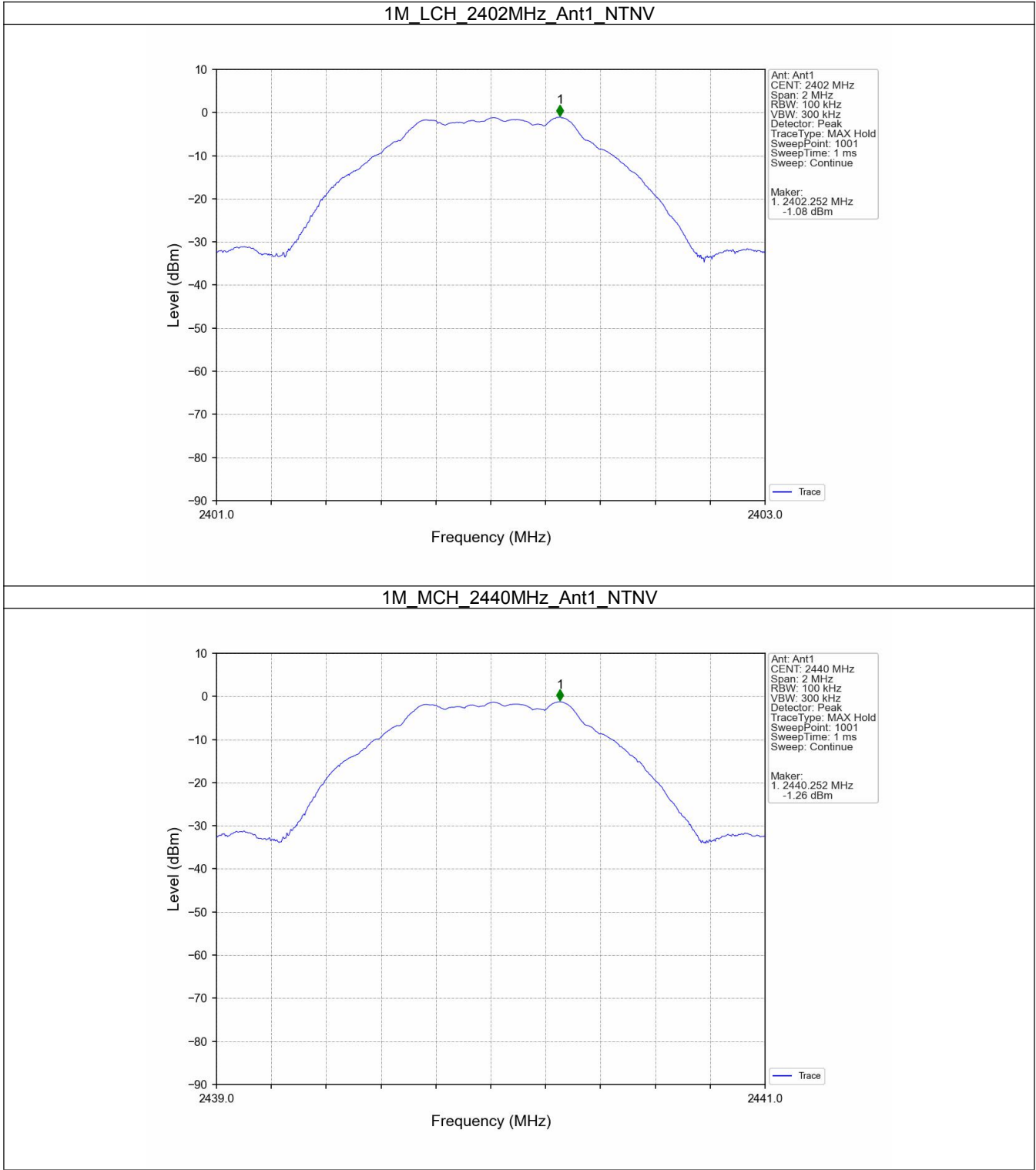
4.1.2 CSE

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	-1.08	-21.08	Pass
		2440	1	-1.26	-21.26	Pass
		2480	1	-2.52	-22.52	Pass

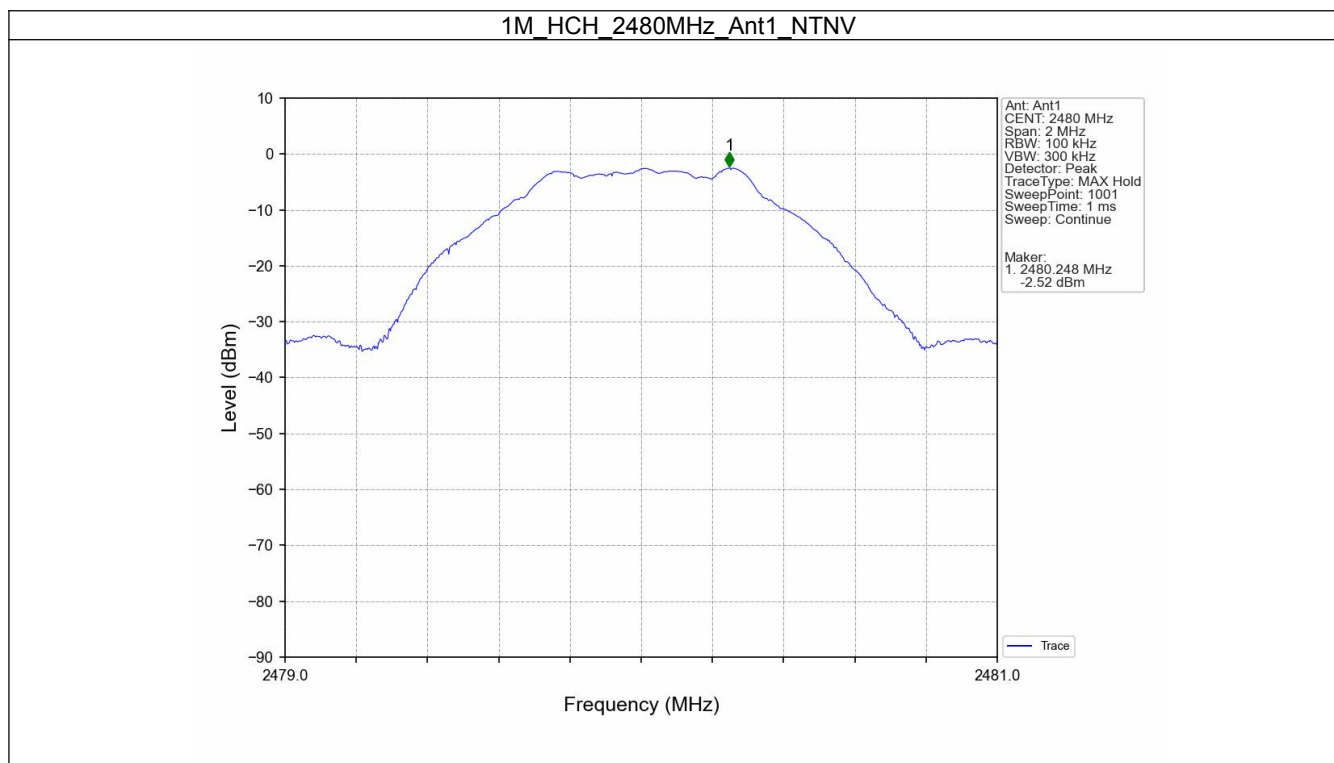
FCC ID: 2AD XO-GXH2

4.2 Test Graph

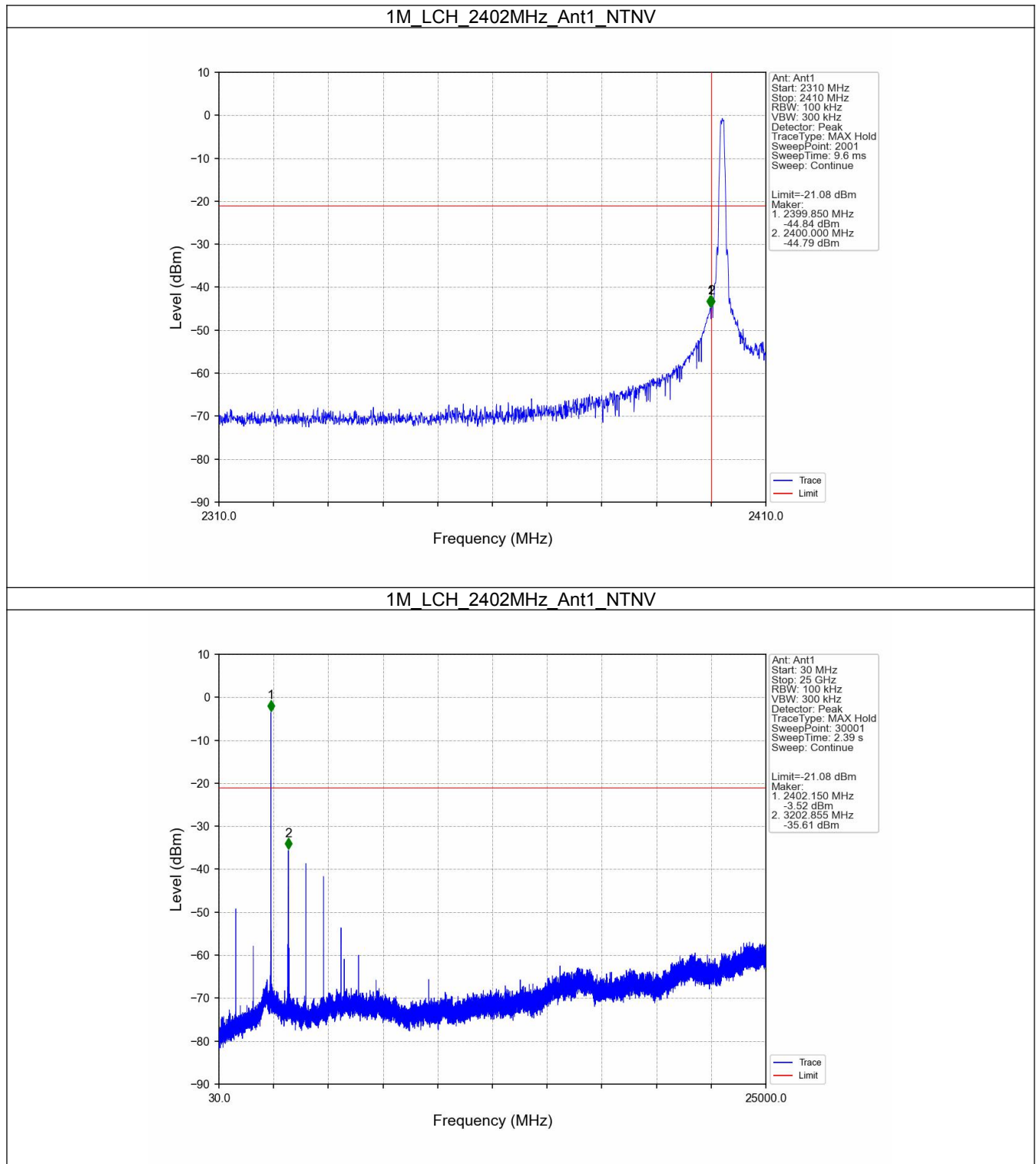
4.2.1 Ref



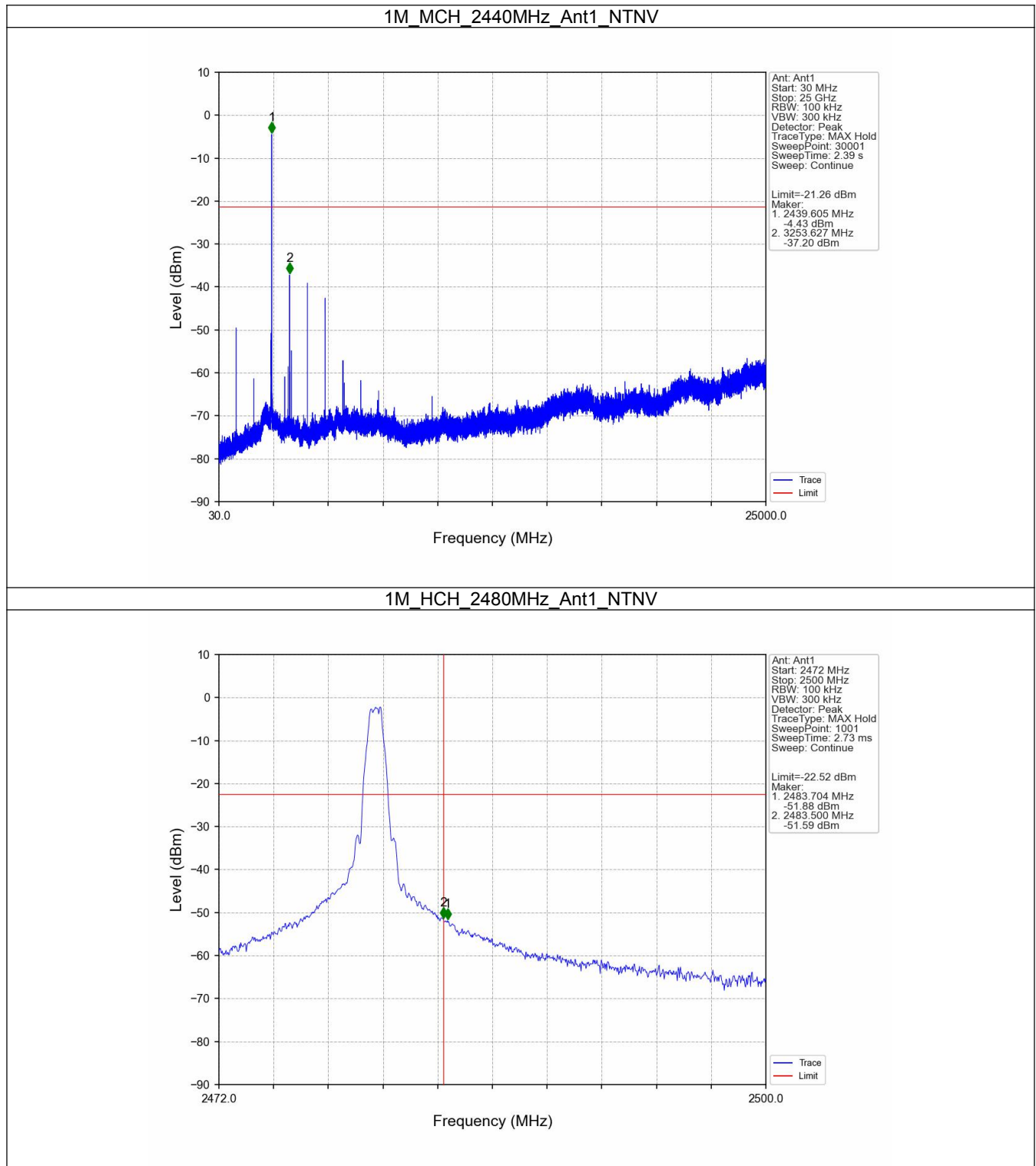
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FCC ID: 2AD XO-GXH2

4.2.2 CSE

FCC ID: 2AD XO-GXH2



FCC ID: 2AD XO-GXH2

