

FCC ID: 2BU67-GEN3



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Annex for Bluetooth Low Energy

Test Report No.: CTL2510145021-WF

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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	1.050	/	Pass
		2440	1	1.051	/	Pass
		2480	1	1.061	/	Pass

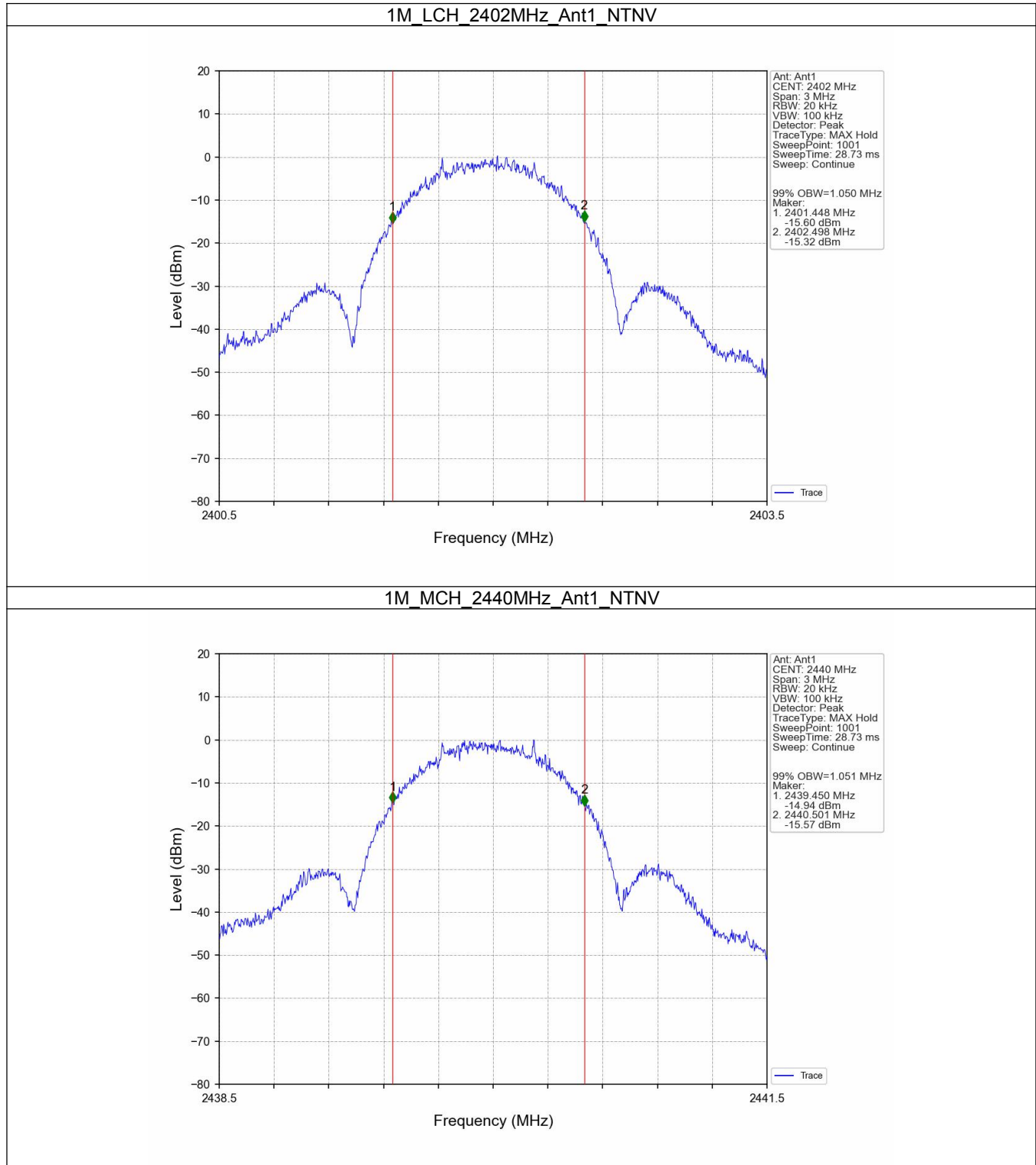
1.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.686	≥ 0.5	Pass
		2440	1	0.691	≥ 0.5	Pass
		2480	1	0.721	≥ 0.5	Pass

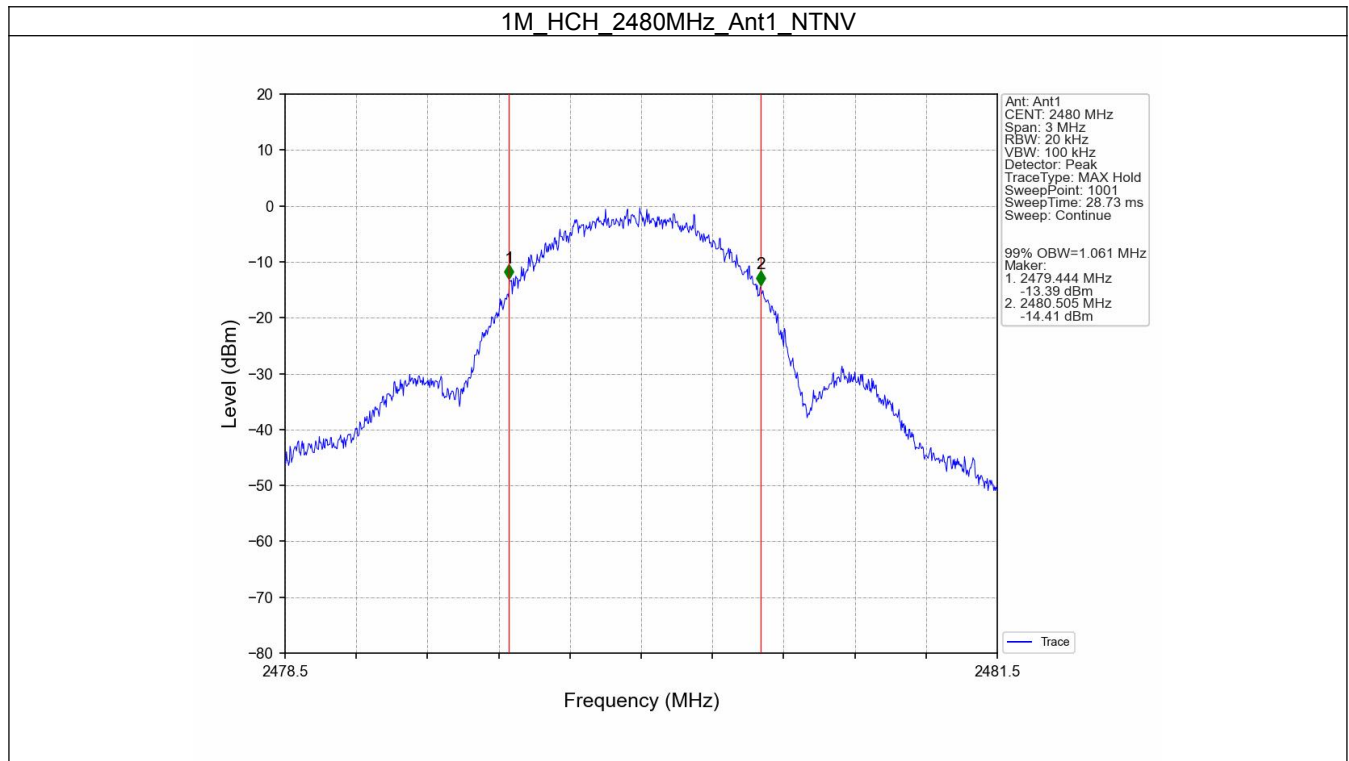
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1.2 Test Graph

1.2.1 OBW

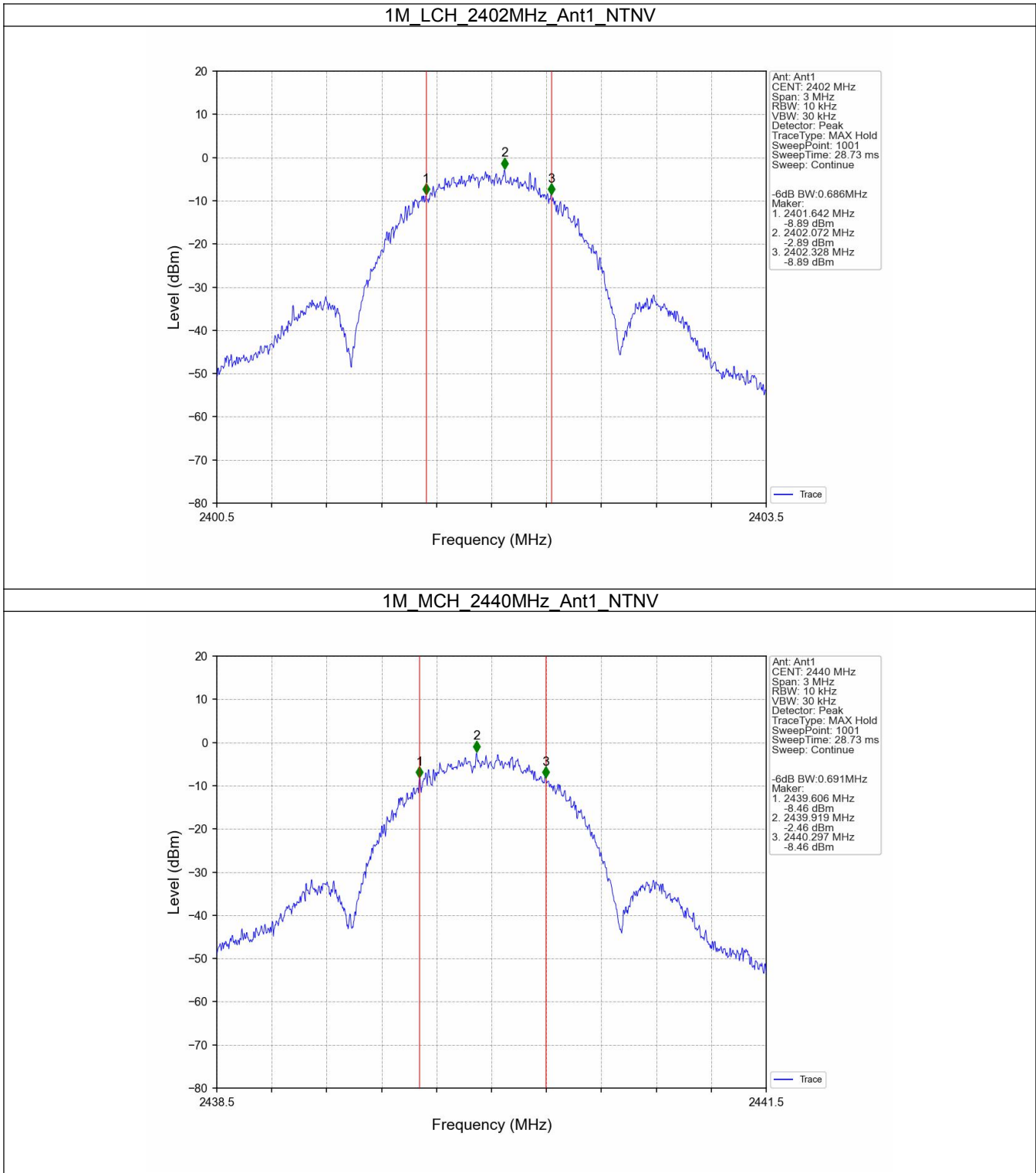


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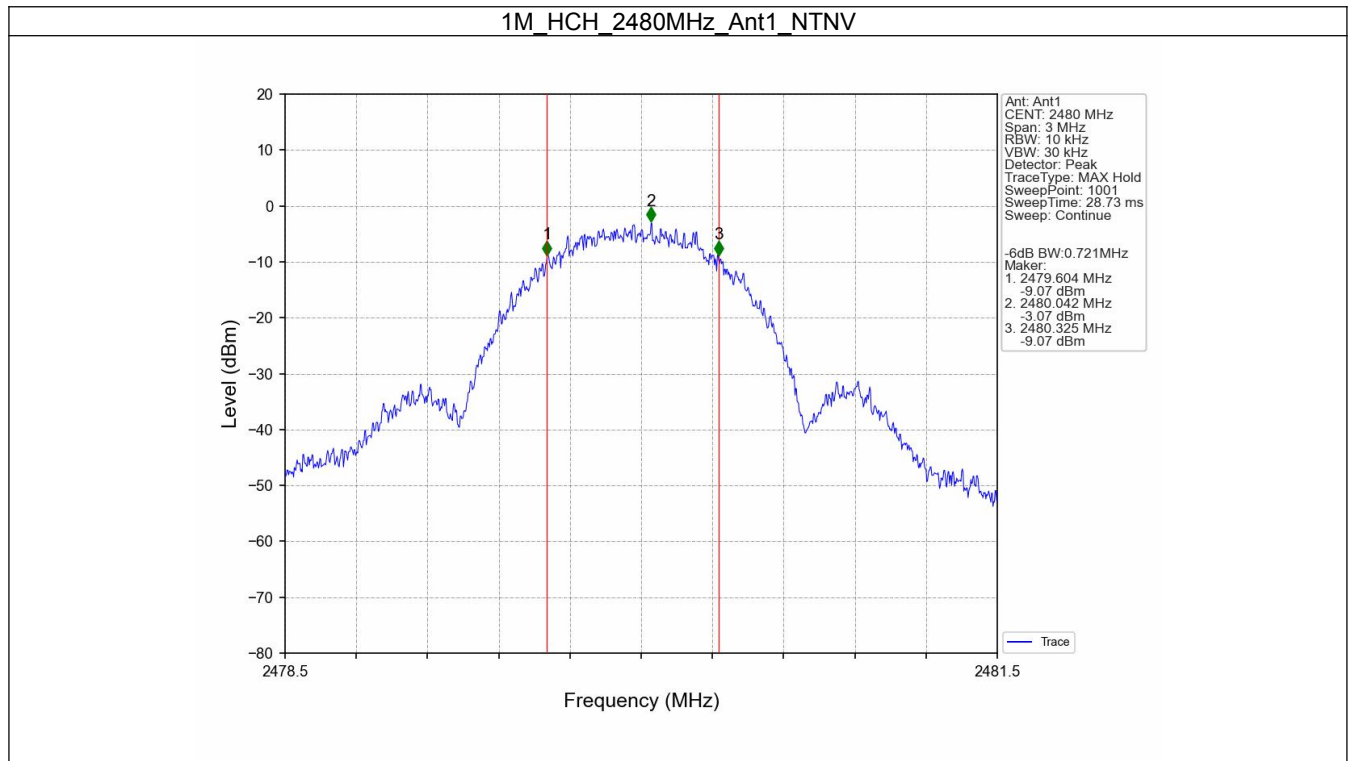


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1.2.2 6dB BW



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2. Maximum Conducted Output Power

2.1 Test Result

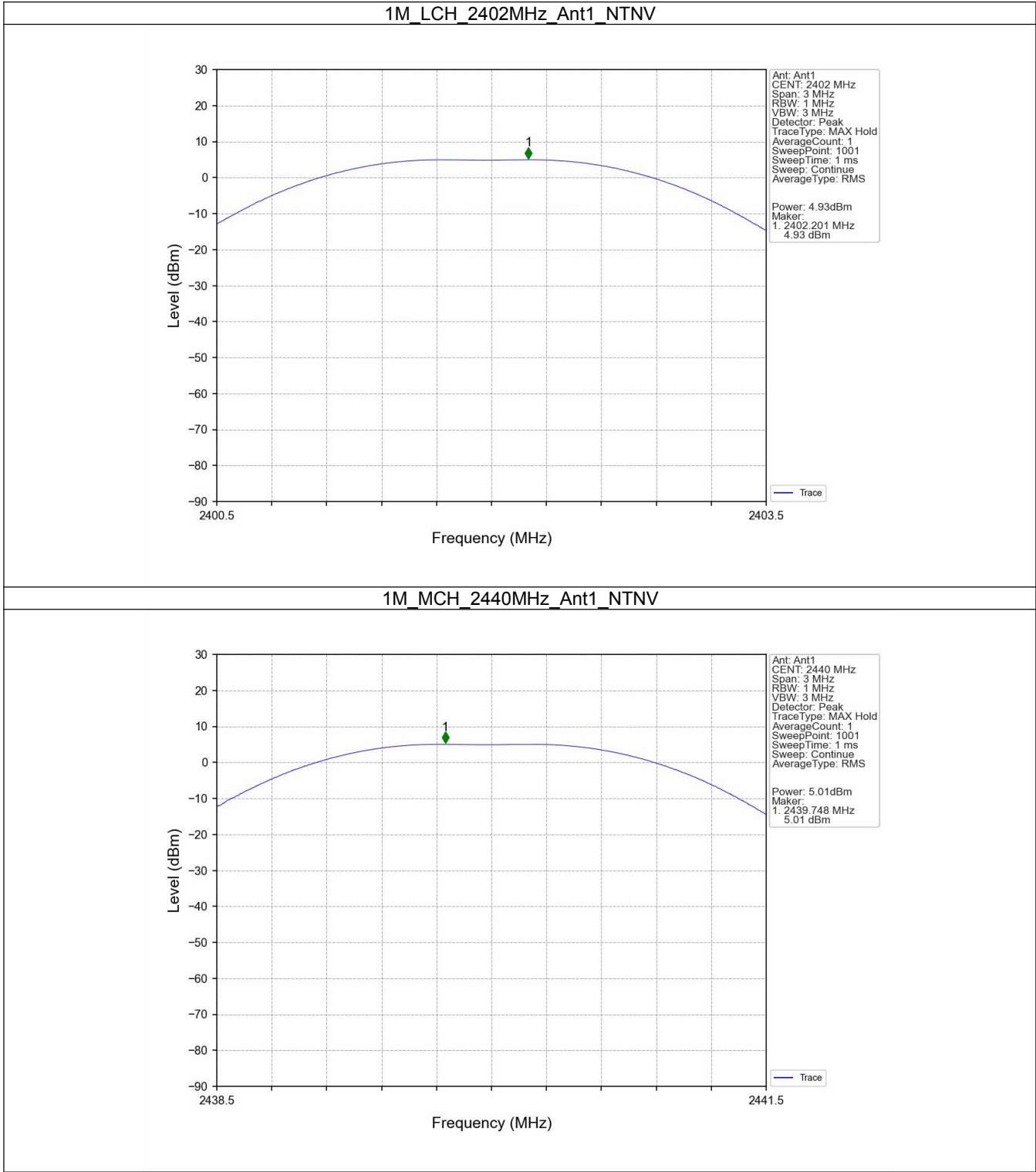
2.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	4.93	<=30	Pass
		2440	5.01	<=30	Pass
		2480	4.49	<=30	Pass
Note1: Antenna Gain: Ant1: -4.22dBi:					

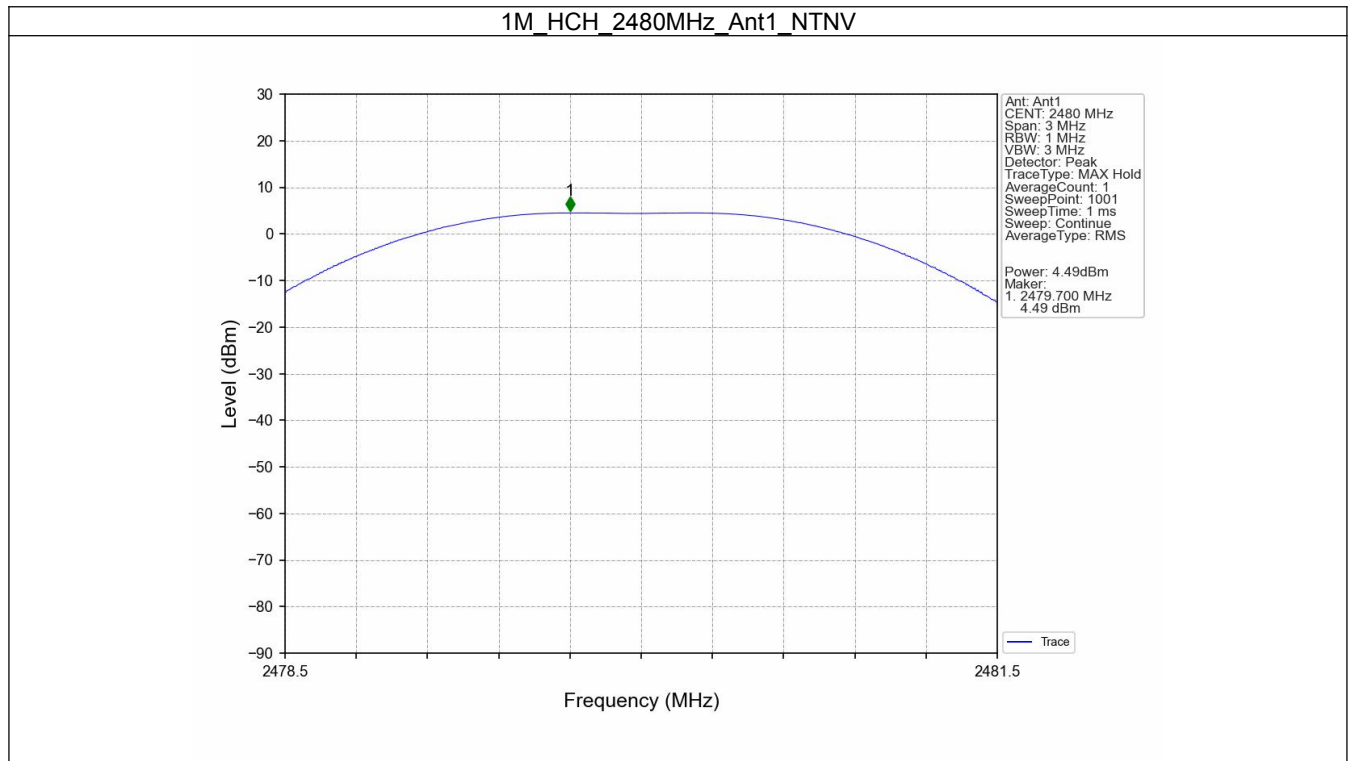
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2.2 Test Graph

2.2.1 Power



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3. Maximum Power Spectral Density

3.1 Test Result

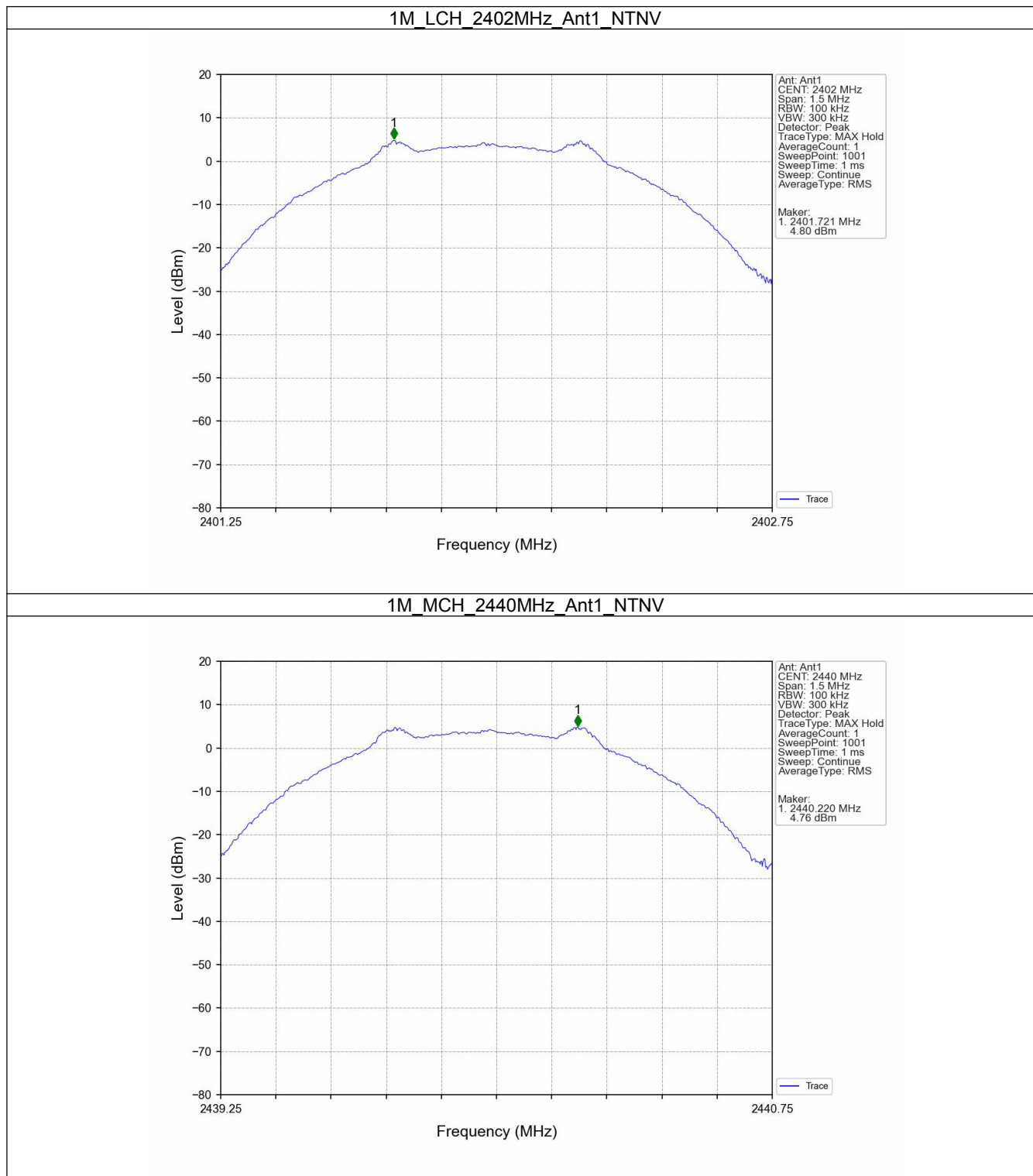
3.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	4.80	<=8	Pass
		2440	4.76	<=8	Pass
		2480	4.24	<=8	Pass
Note1: Antenna Gain: Ant1: -4.22dBi:					

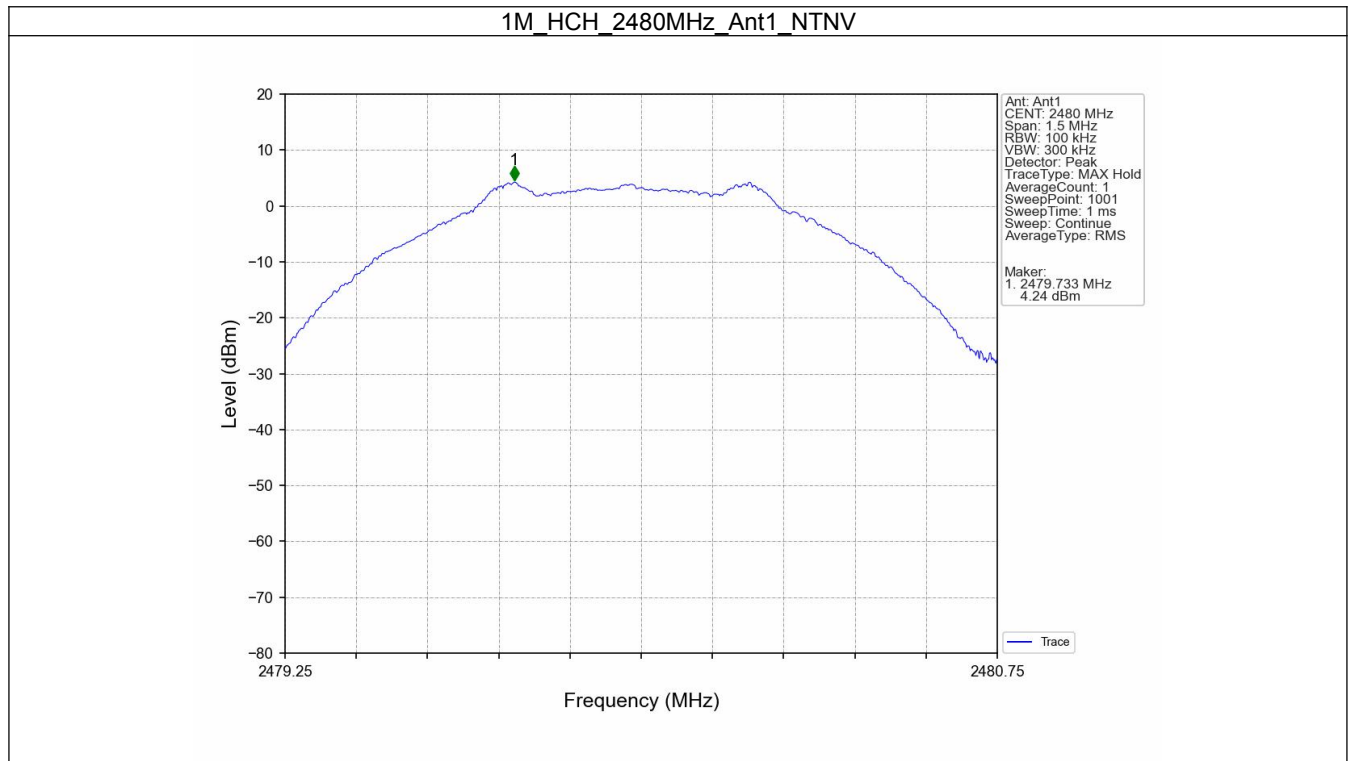
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3.2 Test Graph

3.2.1 PSD



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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	4.70
		2440	1	4.90
		2480	1	4.37

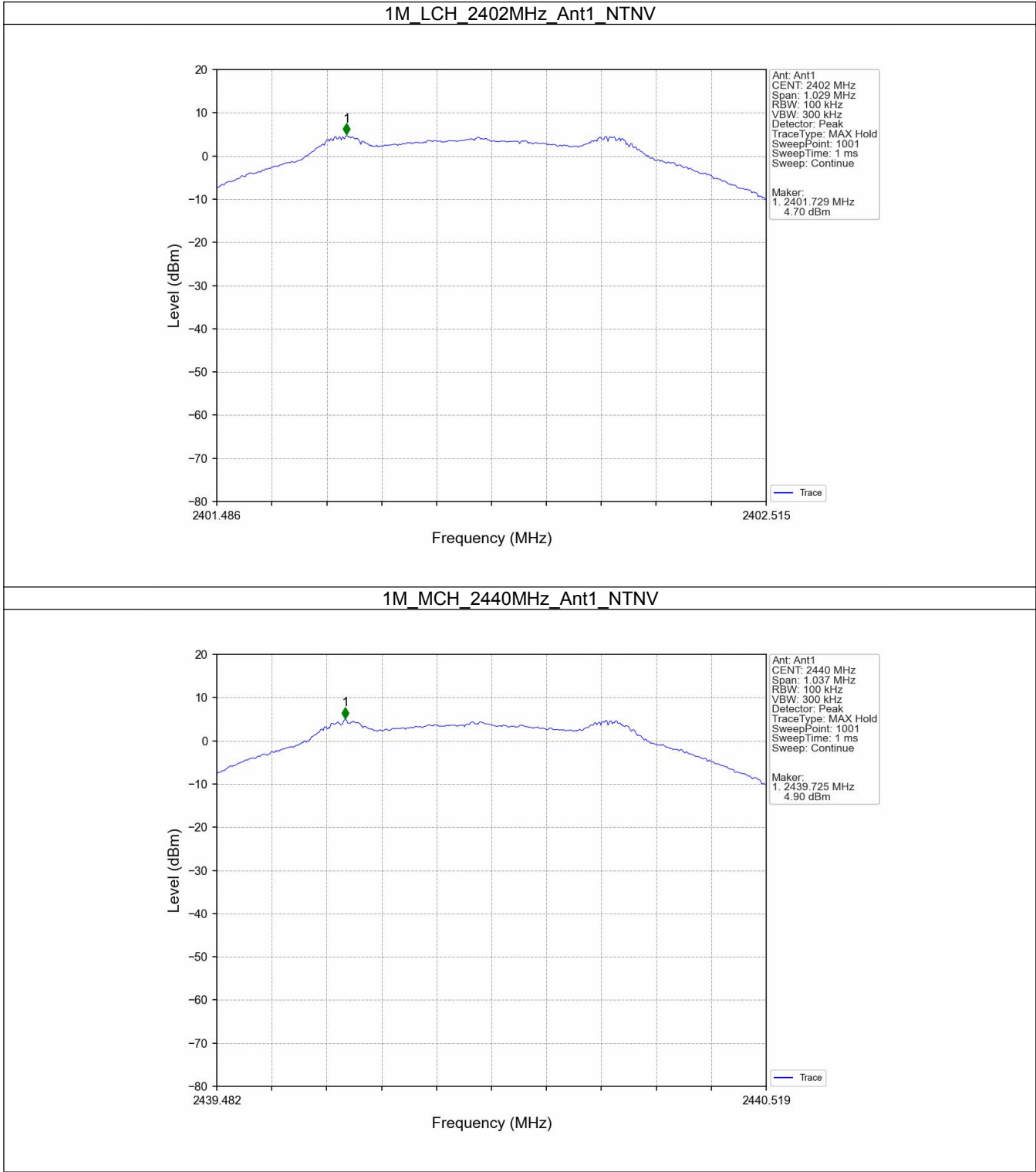
4.1.2 CSE

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	4.90	-15.10	Pass
		2440	1	4.90	-15.10	Pass
		2480	1	4.90	-15.10	Pass

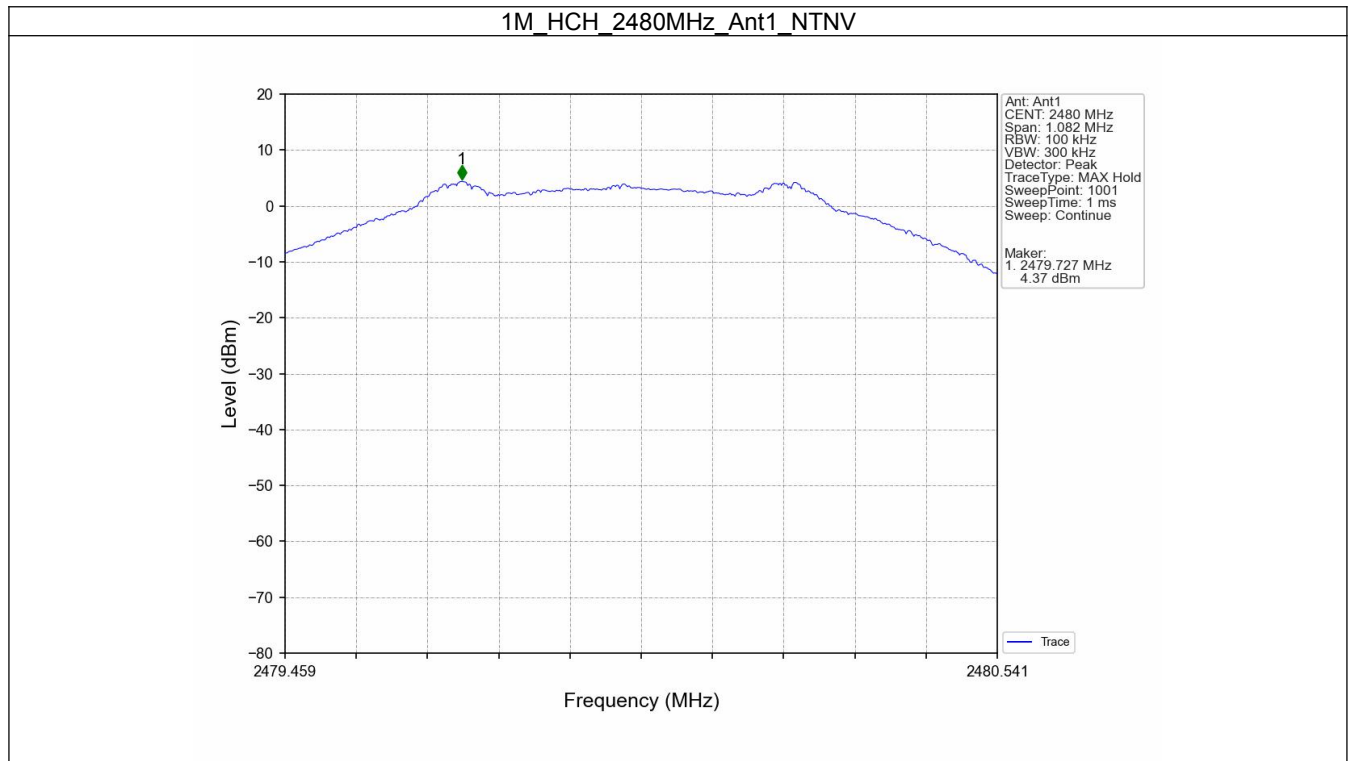
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4.2 Test Graph

4.2.1 Ref

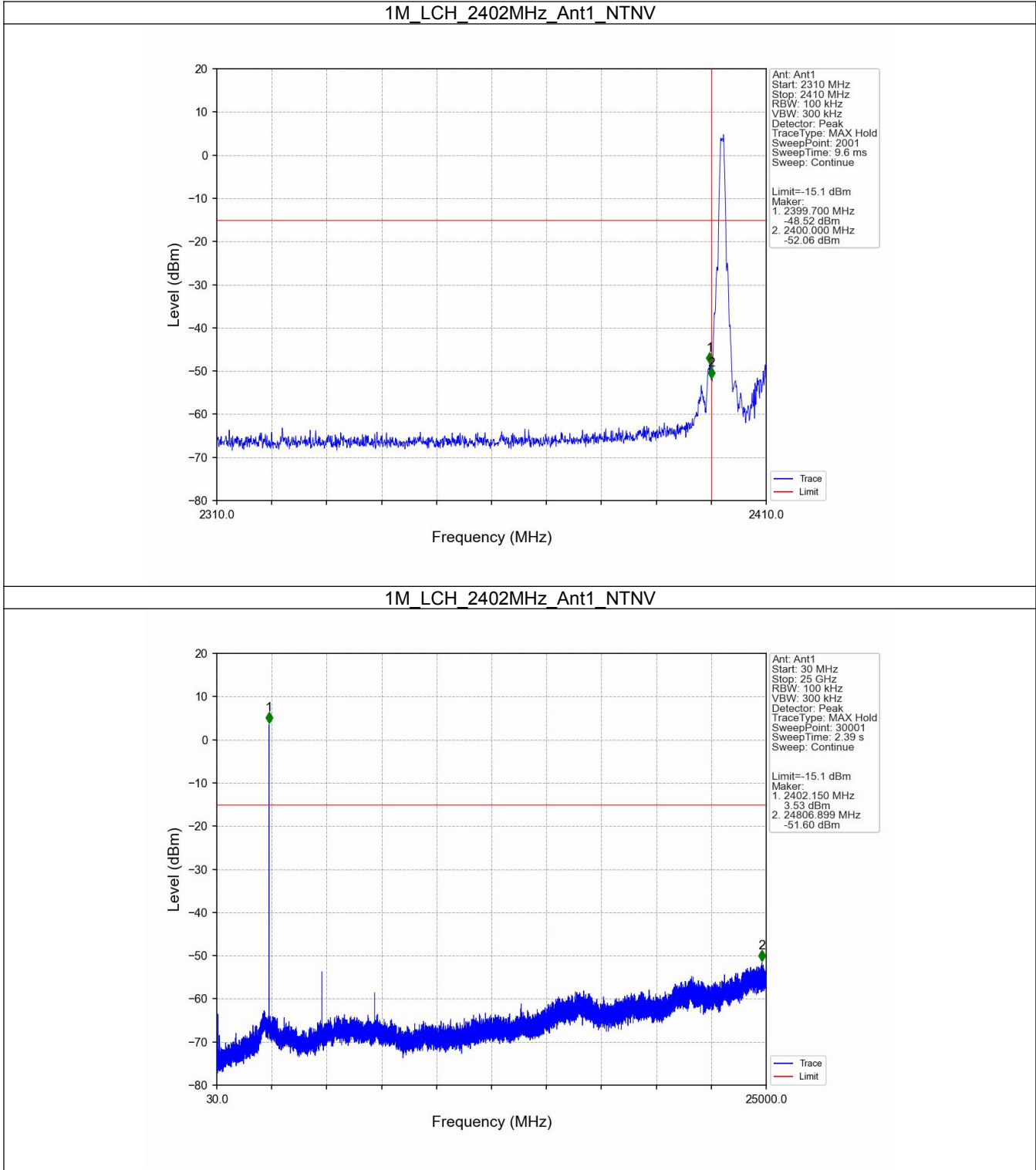


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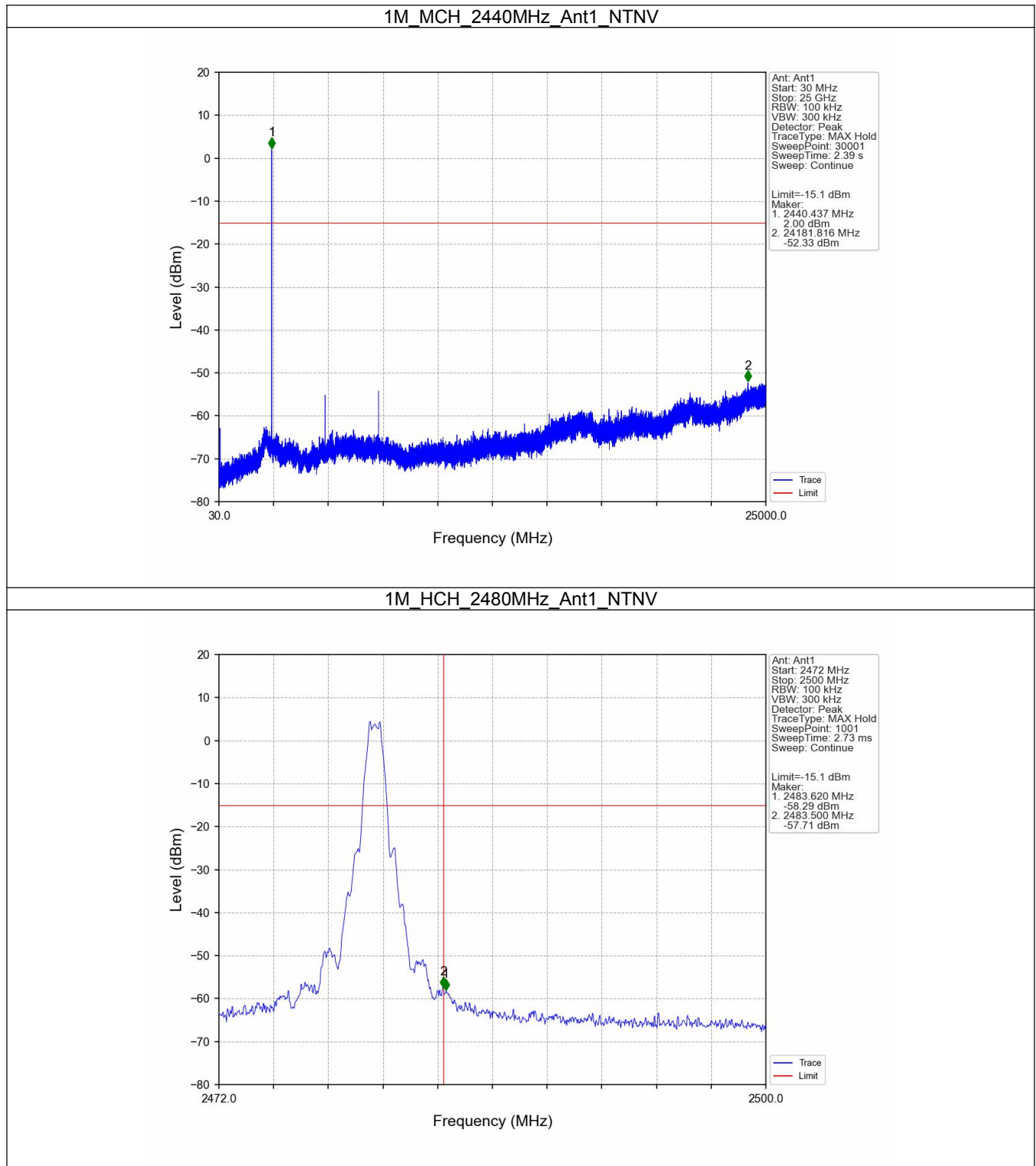


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4.2.2 CSE



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