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Annex for Bluetooth Low Energy

Test Report No.: CTL2605144031-WF01

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FCC ID: 2BSEJ-Y26S

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	1.010	/	Pass
		2440	1	1.009	/	Pass
		2480	1	1.012	/	Pass

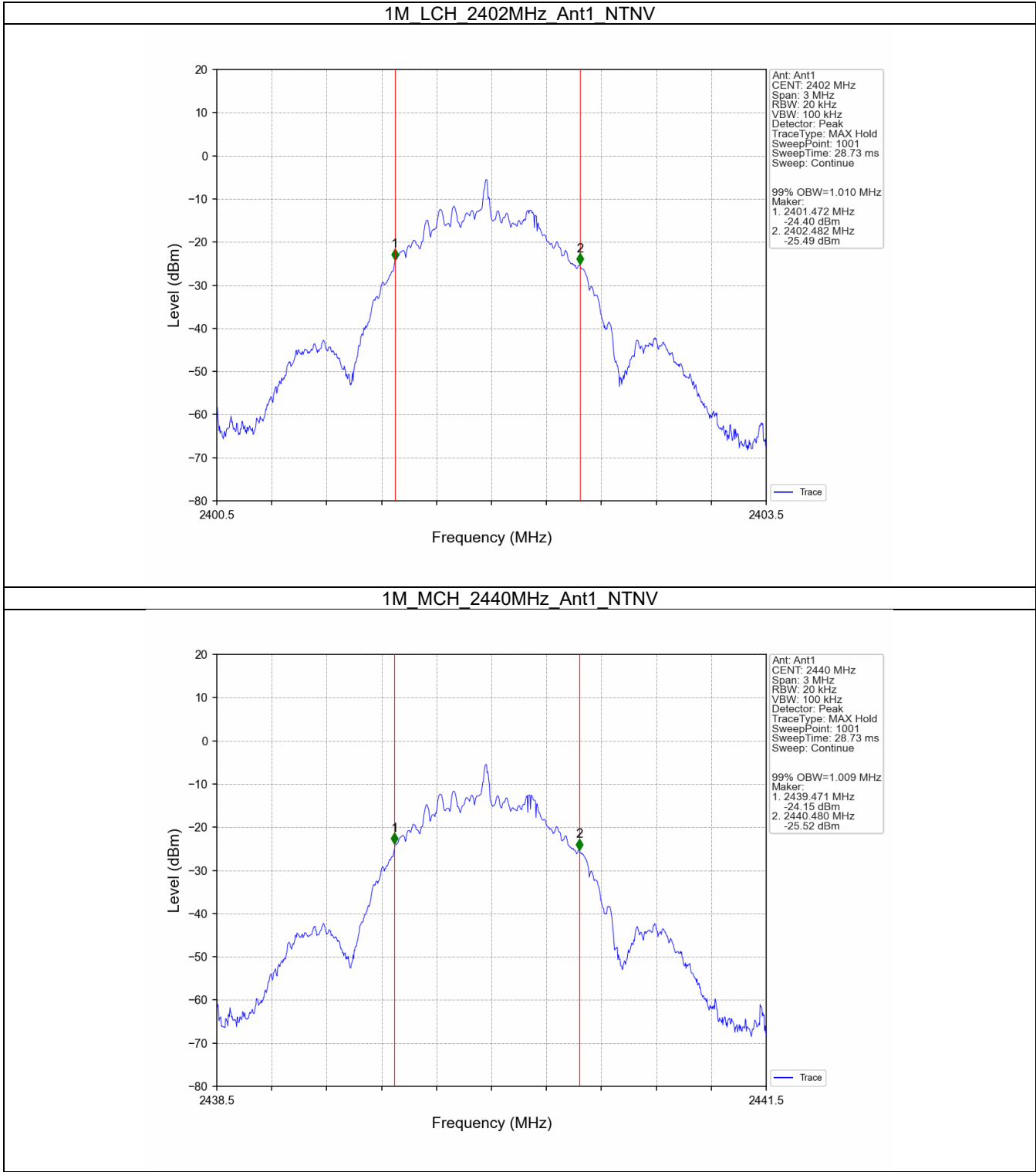
1.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.663	≥ 0.5	Pass
		2440	1	0.666	≥ 0.5	Pass
		2480	1	0.666	≥ 0.5	Pass

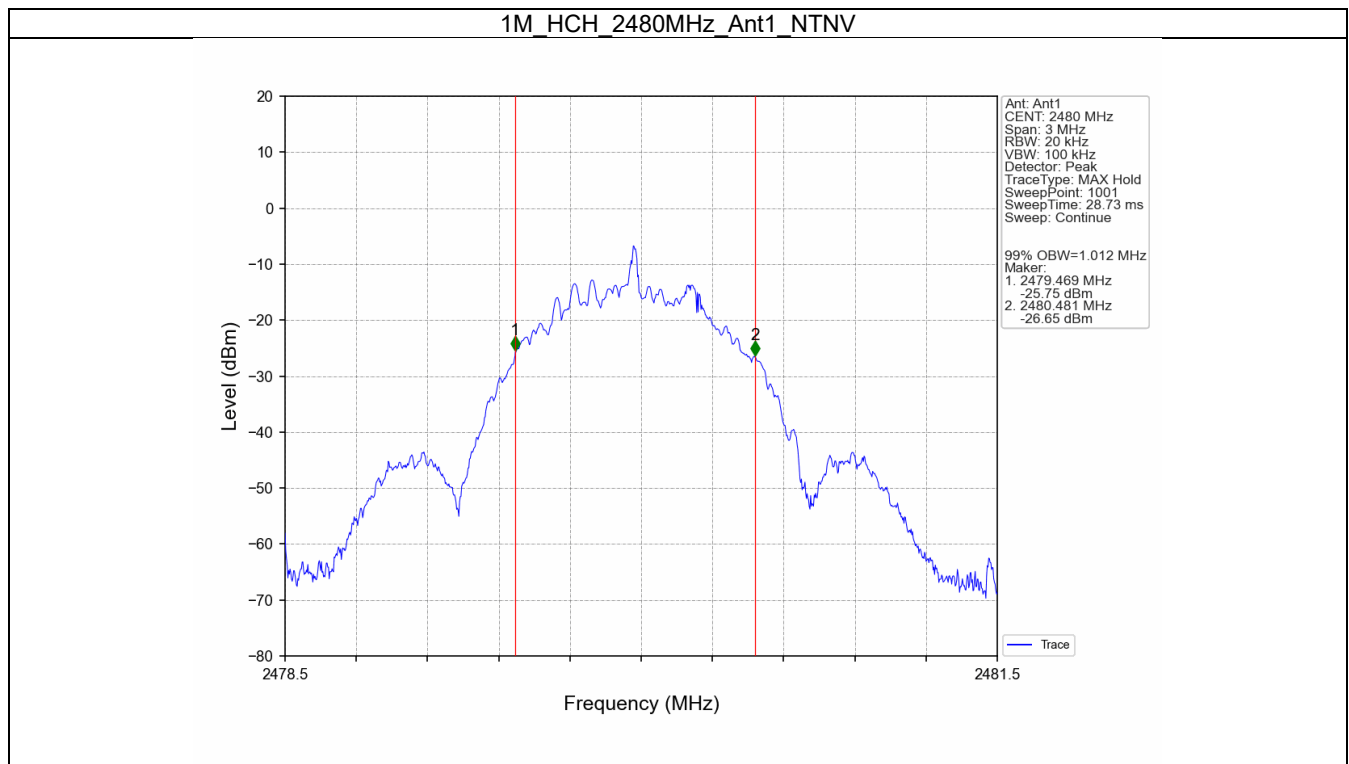
FCC ID: 2BSEJ-Y26S

1.2 Test Graph

1.2.1 OBW

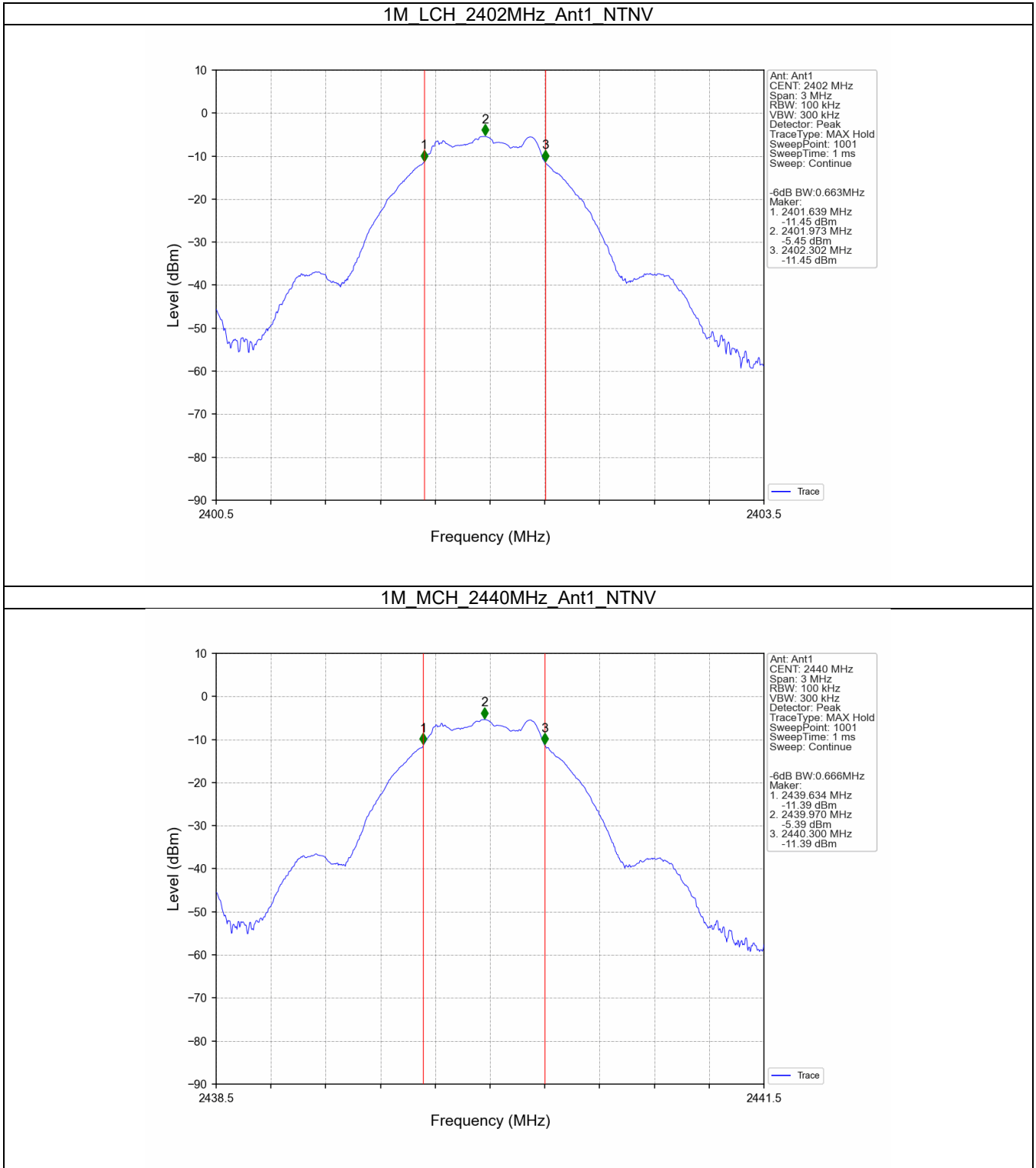


FCC ID: 2BSEJ-Y26S

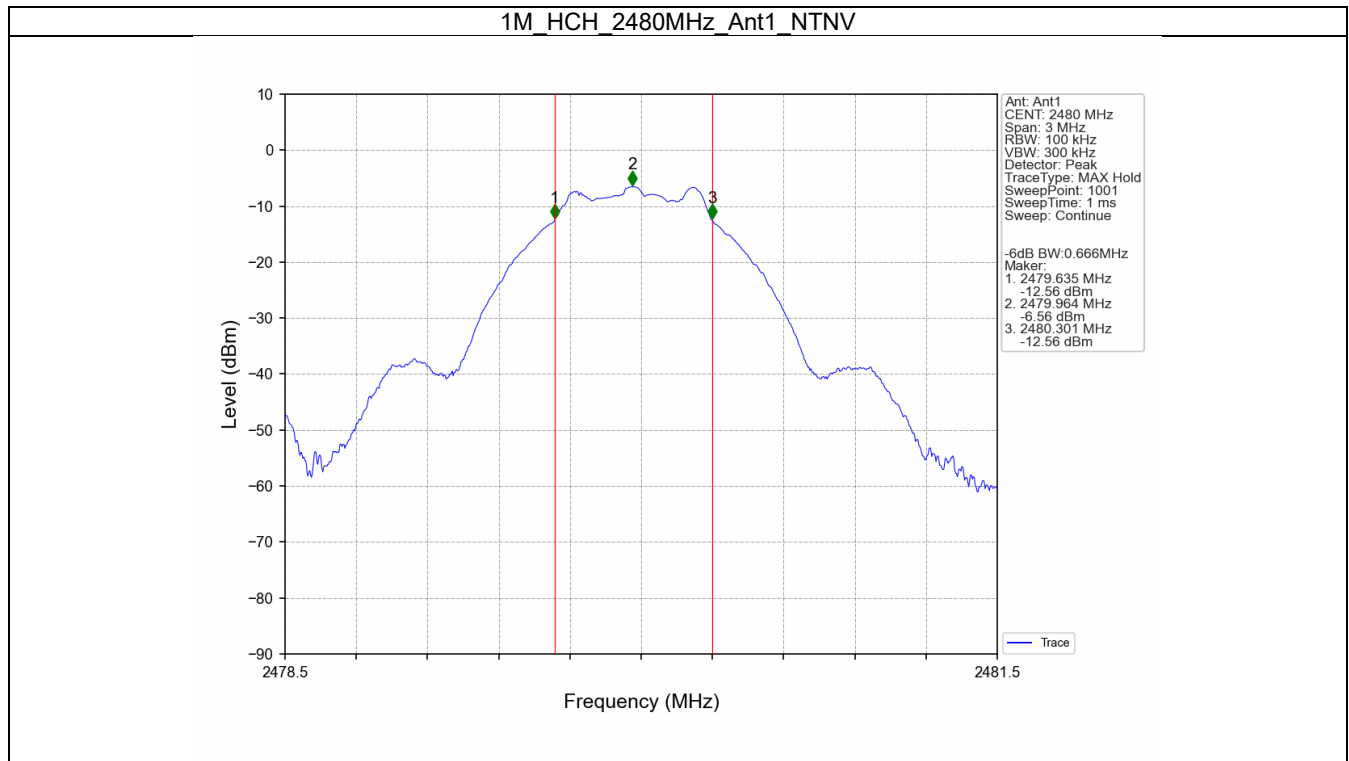


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1.2.2 6dB BW



FCC ID: 2BSEJ-Y26S



FCC ID: 2BSEJ-Y26S

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	-5.28	<=30	Pass
		2440	-5.19	<=30	Pass
		2480	-6.35	<=30	Pass
Note1: Antenna Gain: Ant1: 0.28dBi;					

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3. Maximum Power Spectral Density

3.1 Test Result

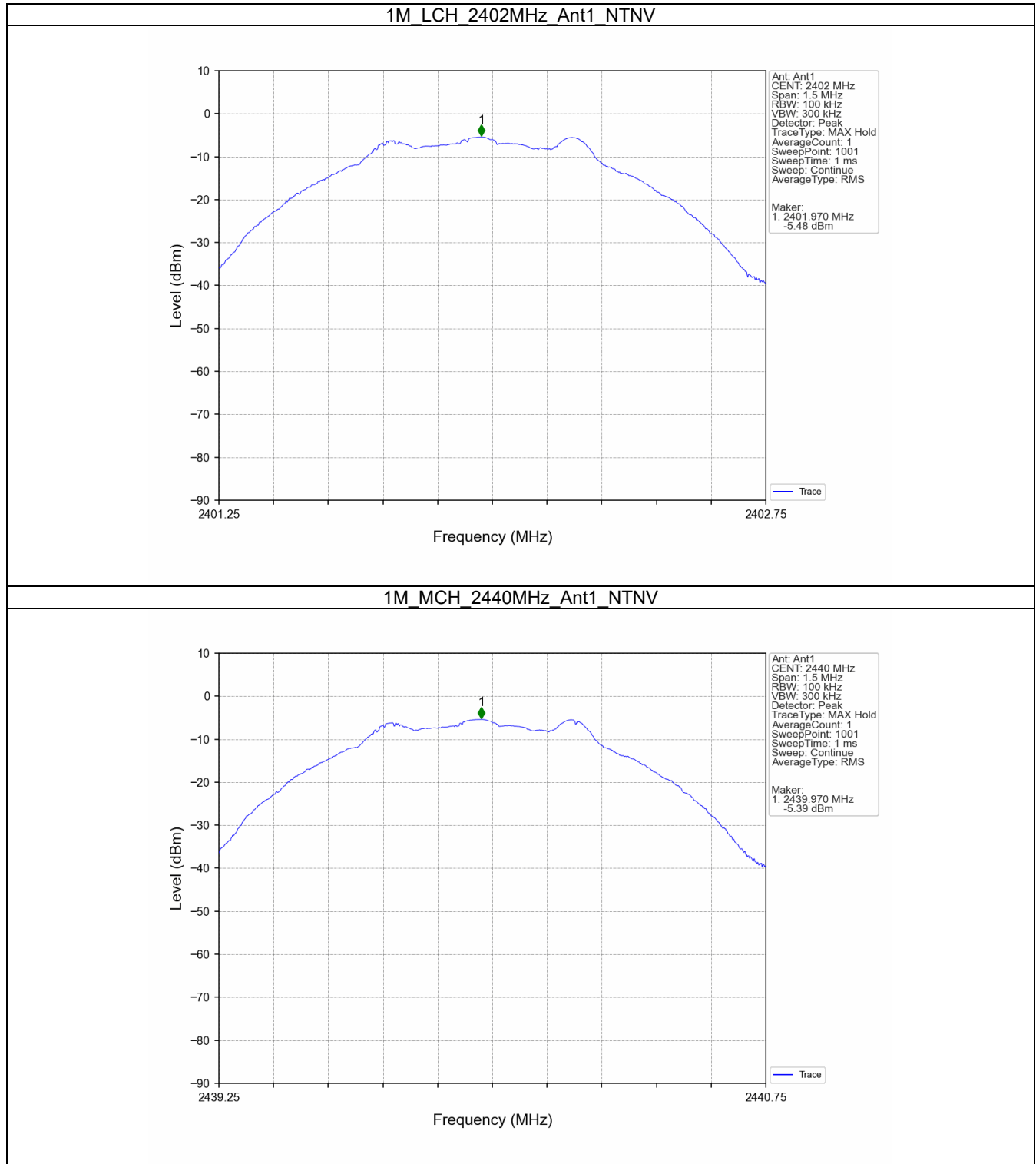
3.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm)		Verdict
			ANT1	Limit(dBm/3kHz)	
1M	SISO	2402	-5.48dBm/100kHz	<=8	Pass
		2440	-5.39dBm/100kHz	<=8	Pass
		2480	-6.56dBm/100kHz	<=8	Pass
Note1: Antenna Gain: Ant1: 0.28dBi;					

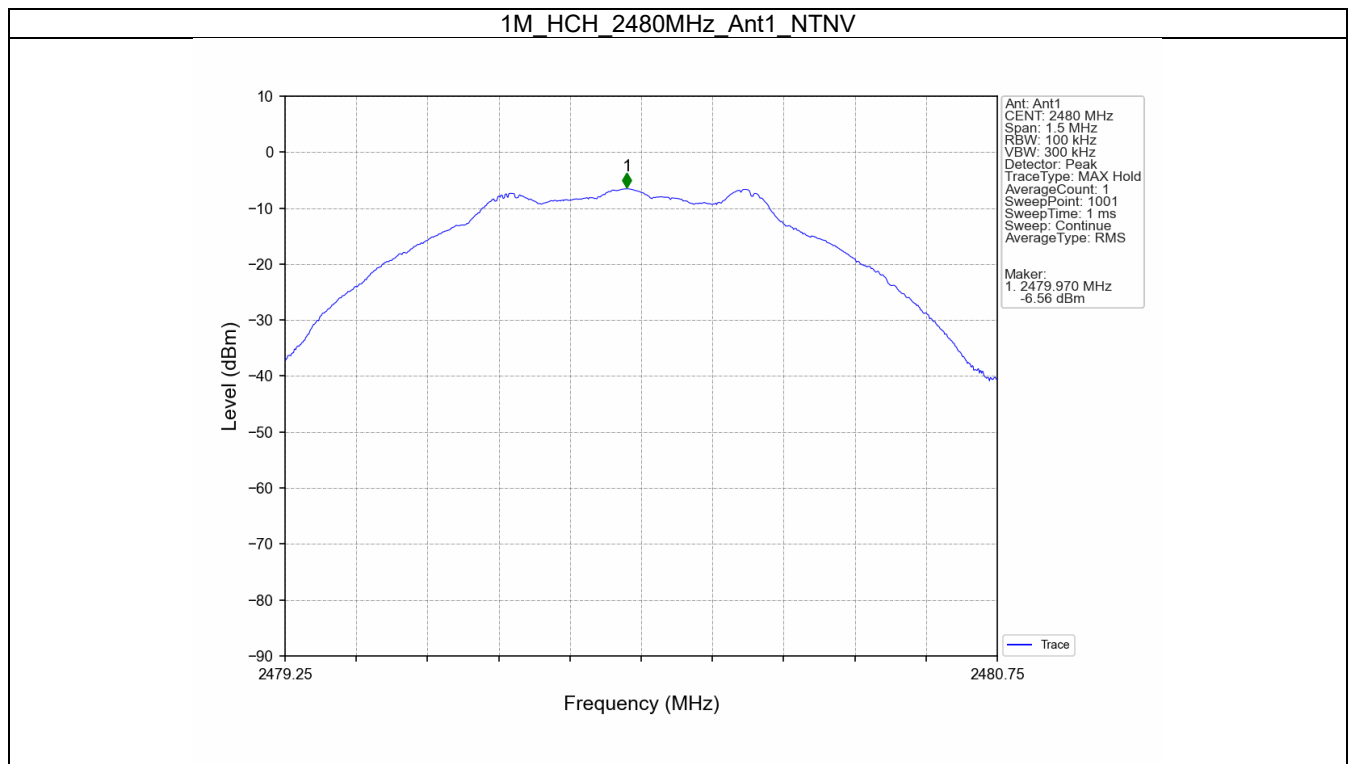
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3.2 Test Graph

3.2.1 PSD



FCC ID: 2BSEJ-Y26S



FCC ID: 2BSEJ-Y26S

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	-5.48
		2440	1	-5.39
		2480	1	-6.56

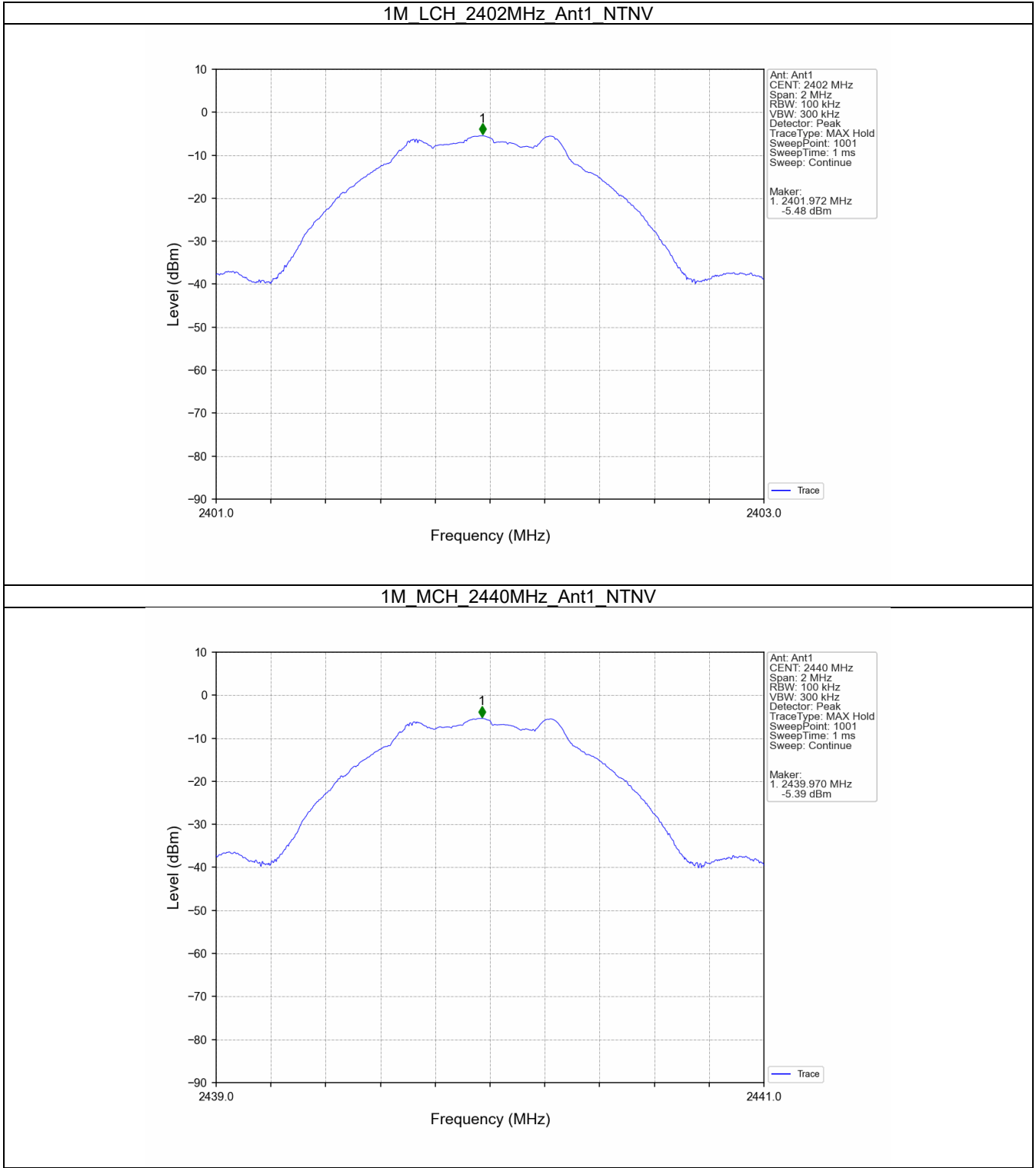
4.1.2 CSE

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	-5.48	-25.48	Pass
		2440	1	-5.39	-25.39	Pass
		2480	1	-6.56	-26.56	Pass

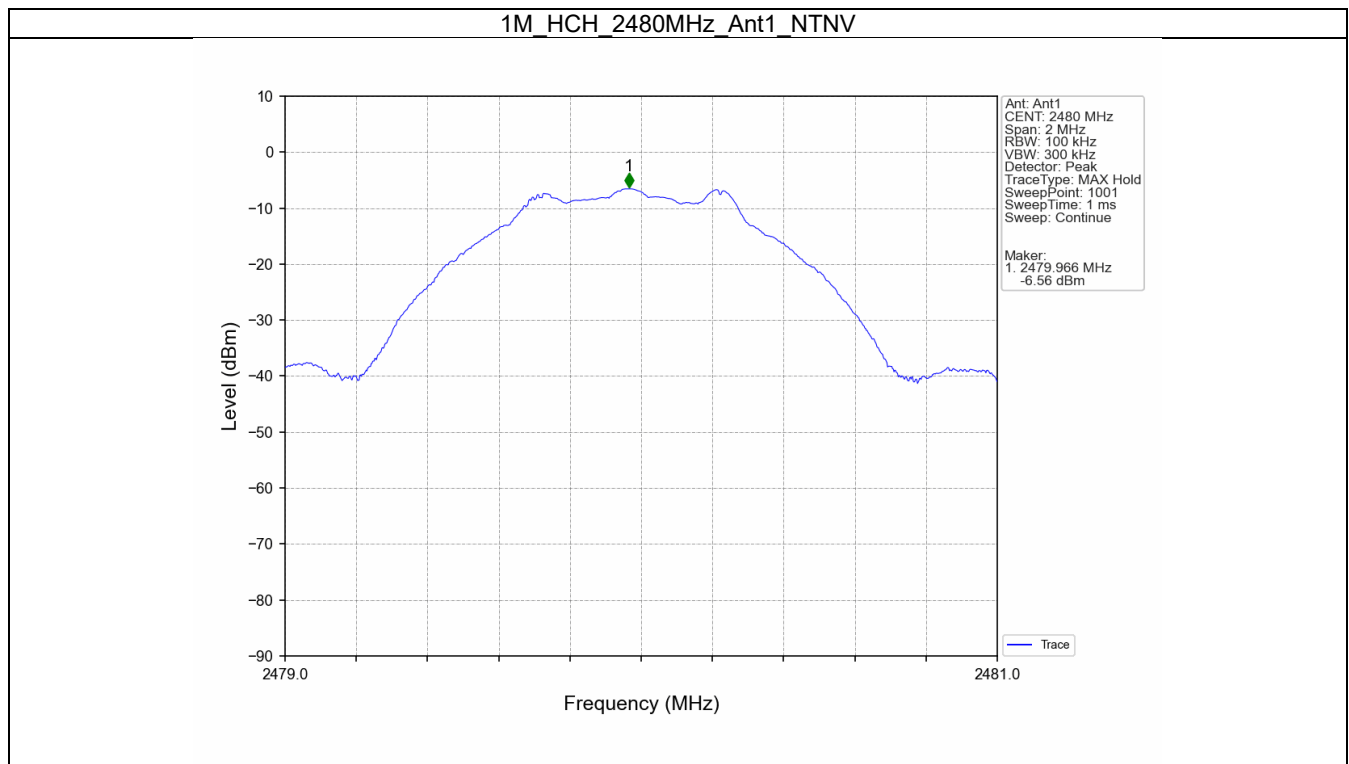
FCC ID: 2BSEJ-Y26S

4.2 Test Graph

4.2.1 Ref

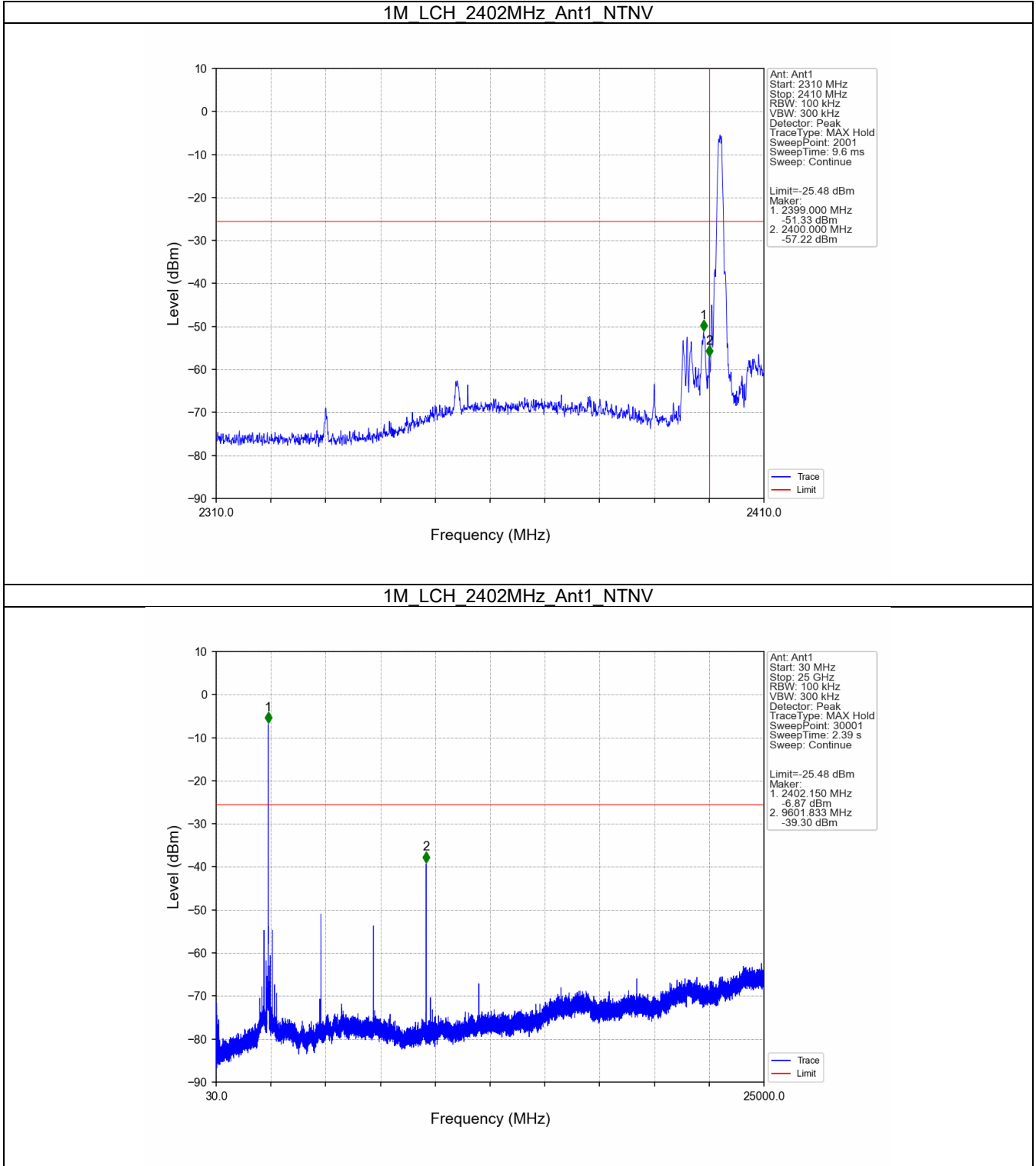


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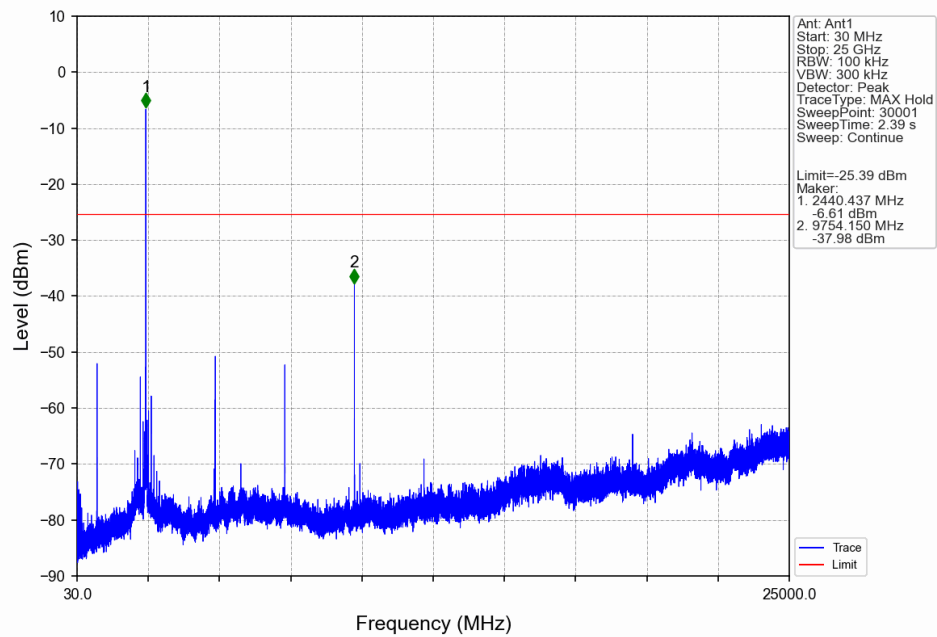
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4.2.2 CSE

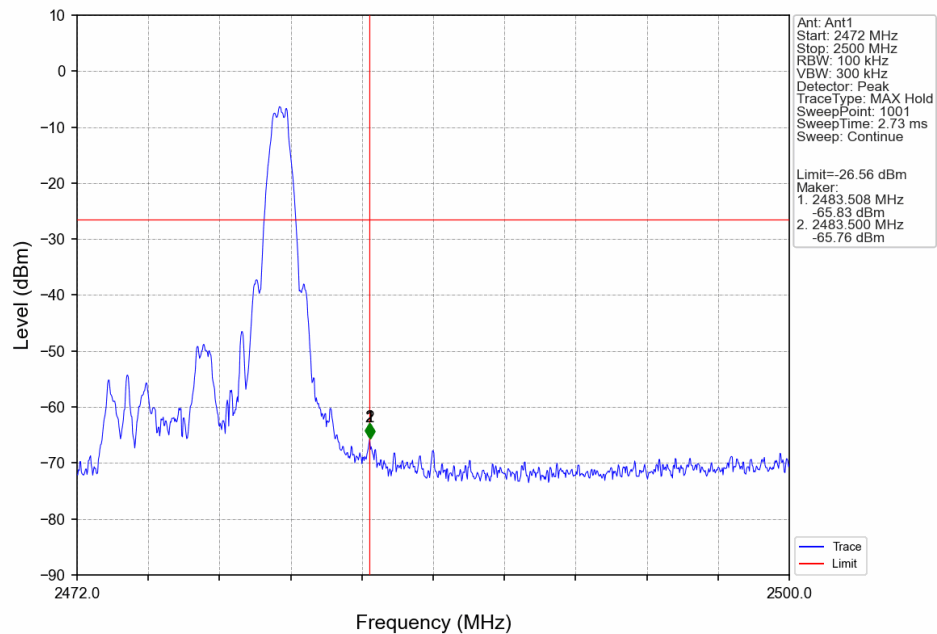


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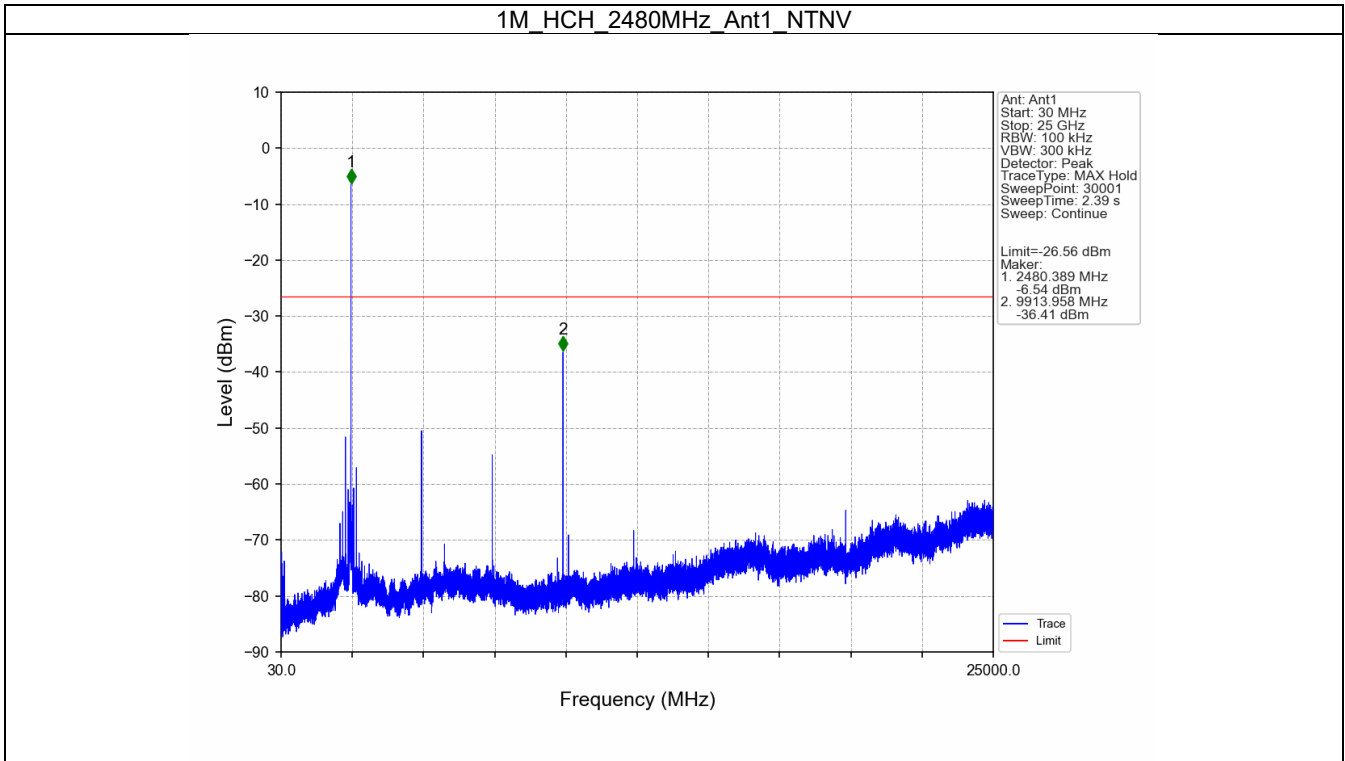
1M_MCH_2440MHz_Ant1_NTNV



1M_HCH_2480MHz_Ant1_NTNV



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5. Form731

5.1 Test Result

5.1.1 Form731

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
2402	2480	0.0003	-5.19