

Appendix B for KSCR220300033902

1. Duty Cycle

1.1 Ant1

1.1.1 Test Result

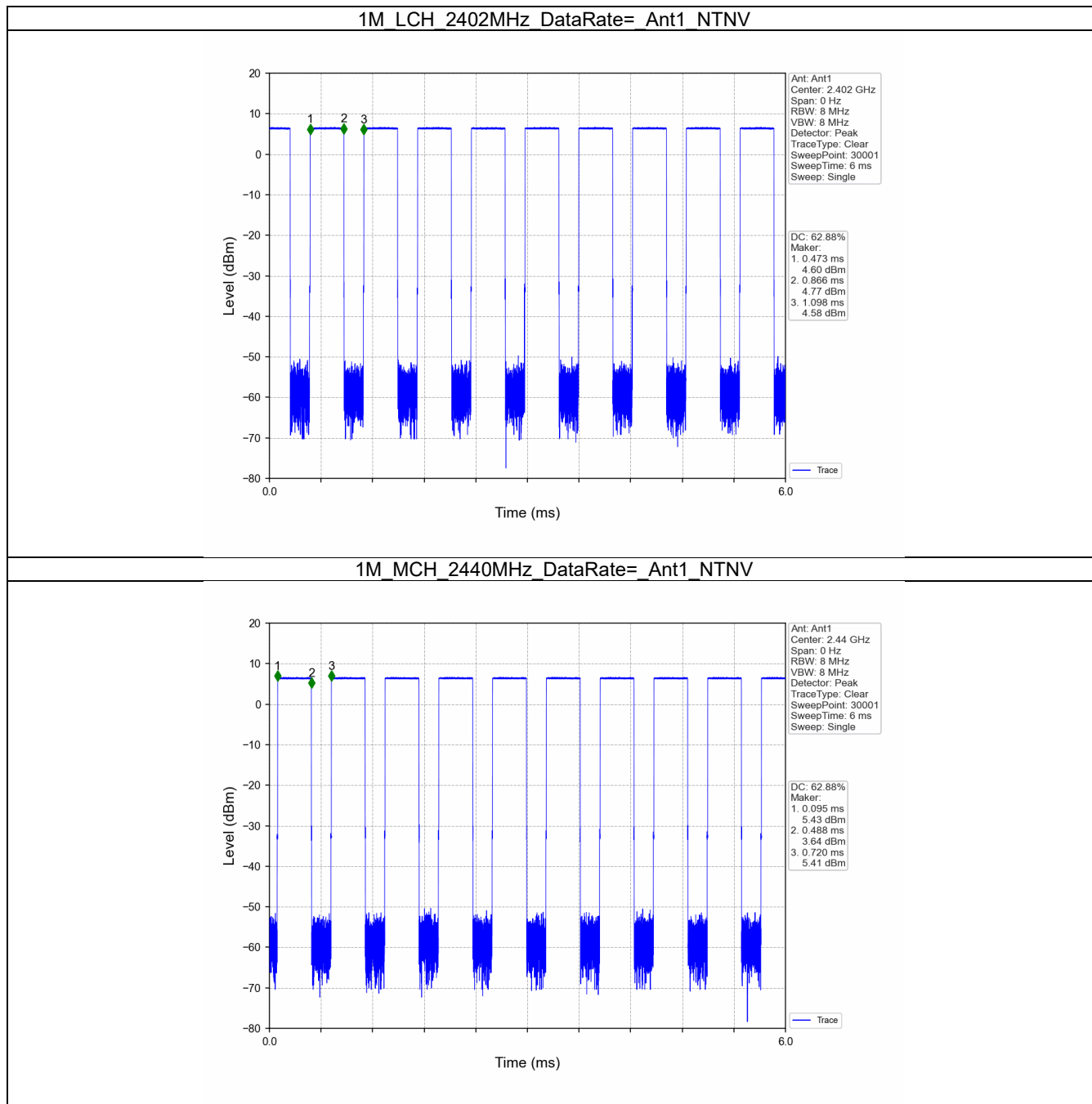
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1M	SISO	2402	0.393	0.625	62.88	2.01	0.00
		2440	0.393	0.625	62.88	2.01	0.00
		2480	0.392	0.625	62.72	2.03	0.00



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1.1.2 Test Graph

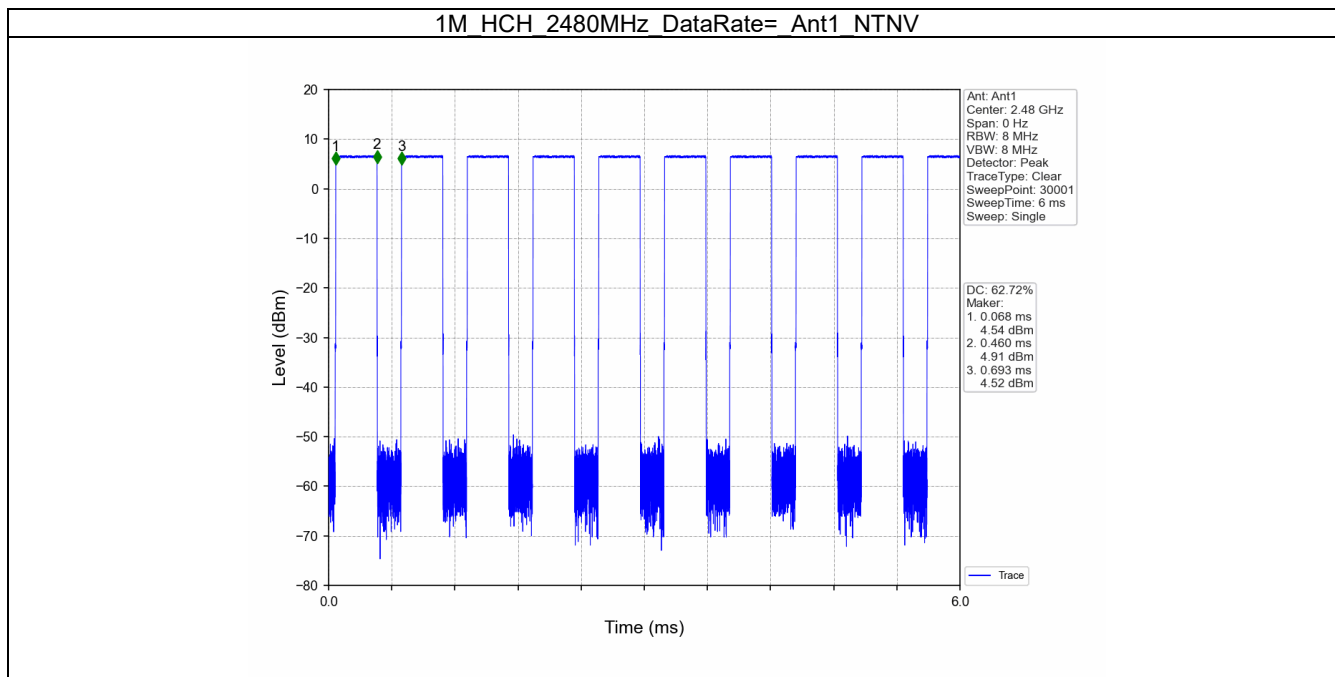


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2. Bandwidth

2.1 OBW

2.1.1 Test Result

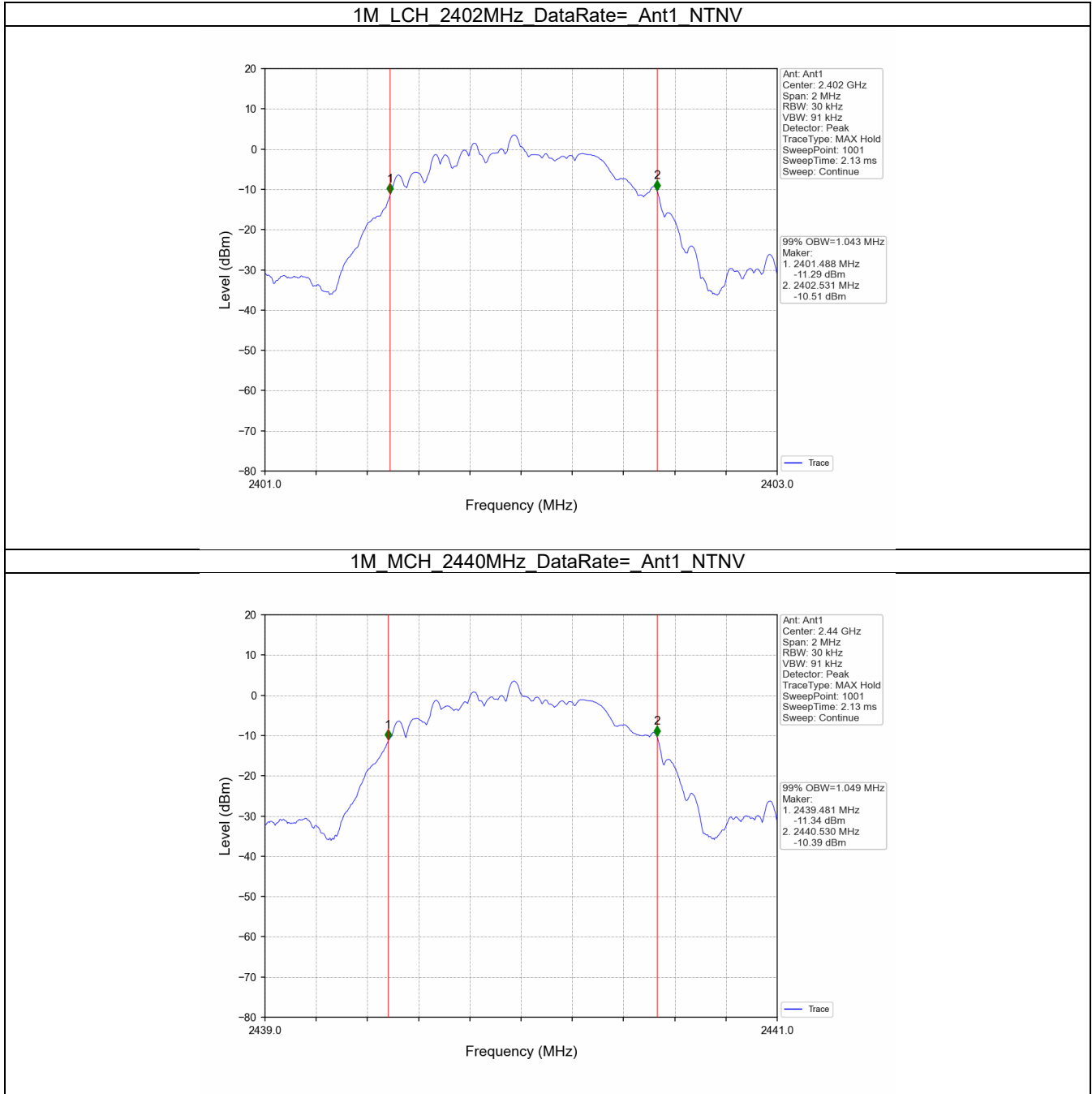
Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Verdict
				Result	
1M	SISO	2402	1	1.043	Pass
		2440	1	1.049	Pass
		2480	1	1.043	Pass



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2.1.2 Test Graph

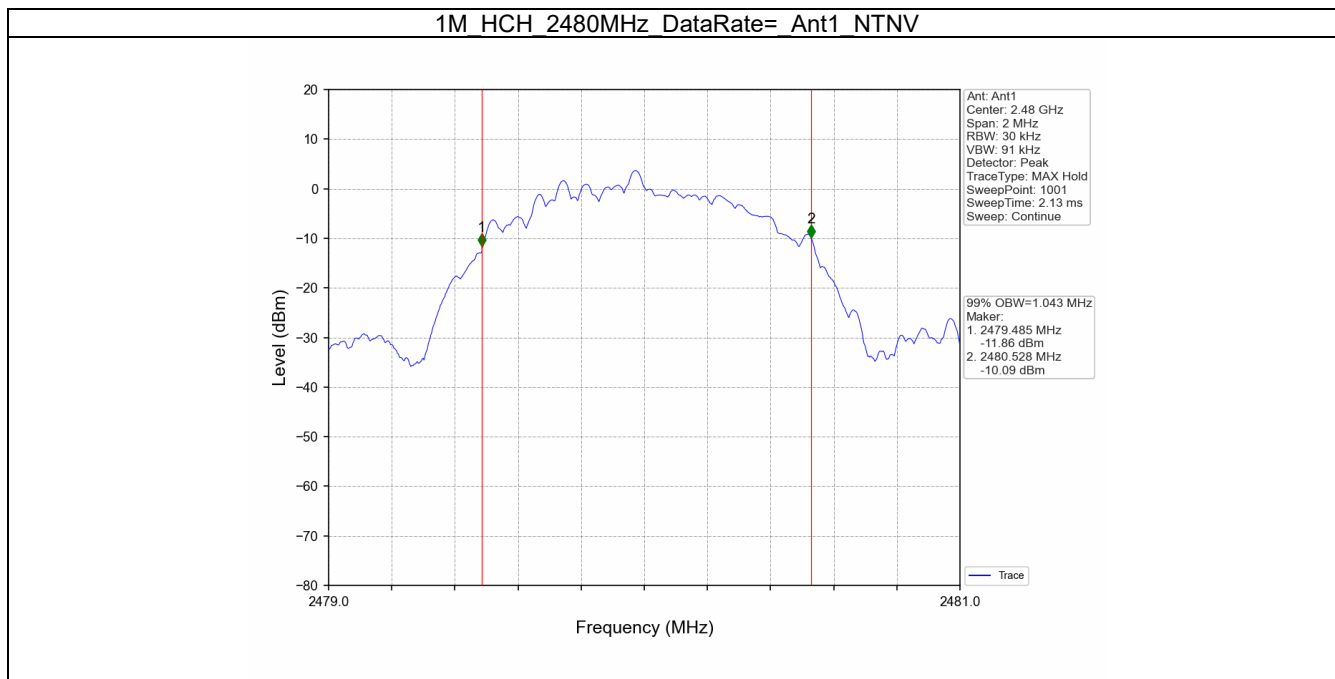


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2.2 6dB BW

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.730	>=0.5	Pass
		2440	1	0.731	>=0.5	Pass
		2480	1	0.727	>=0.5	Pass

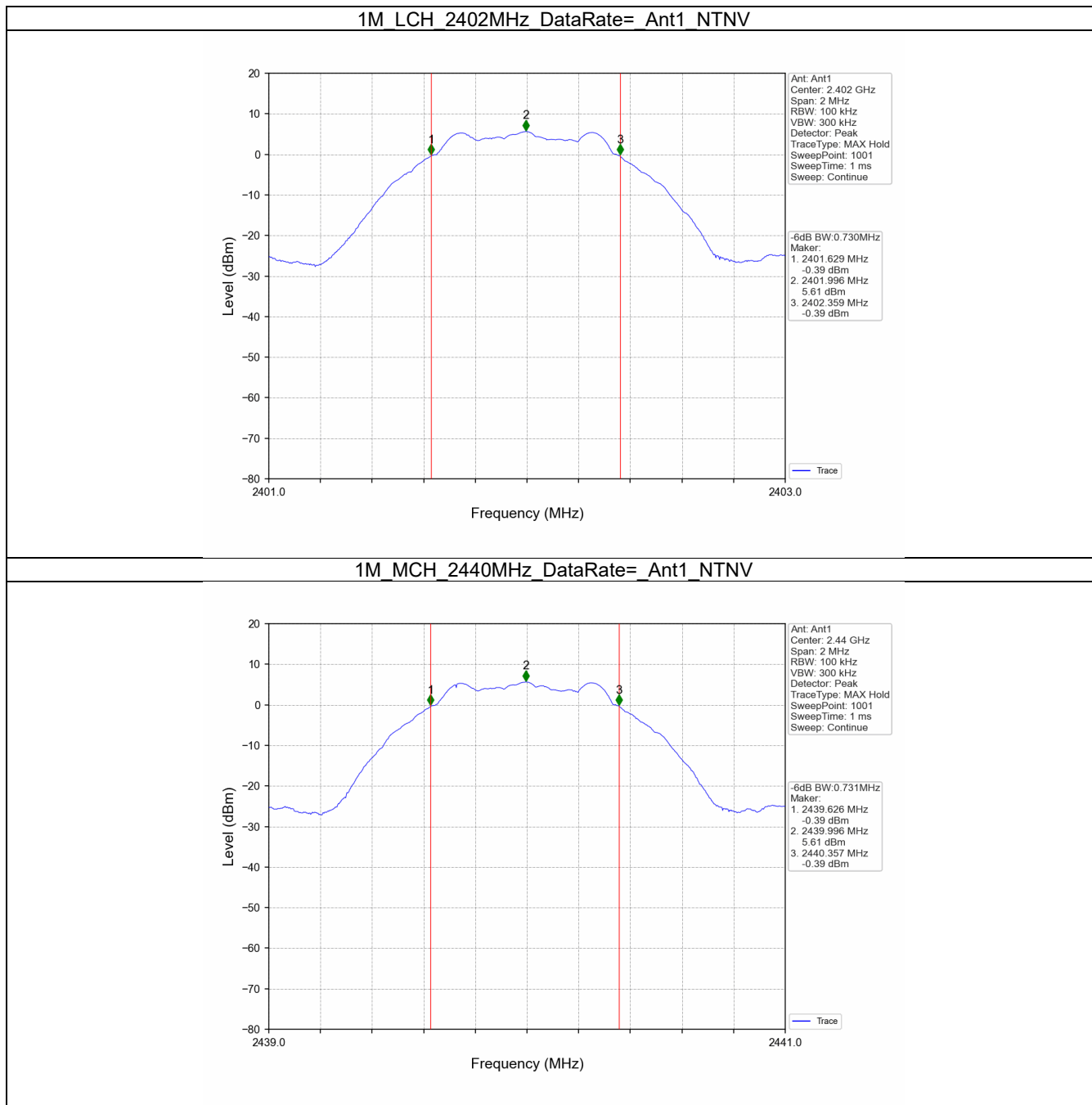


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2.2.2 Test Graph

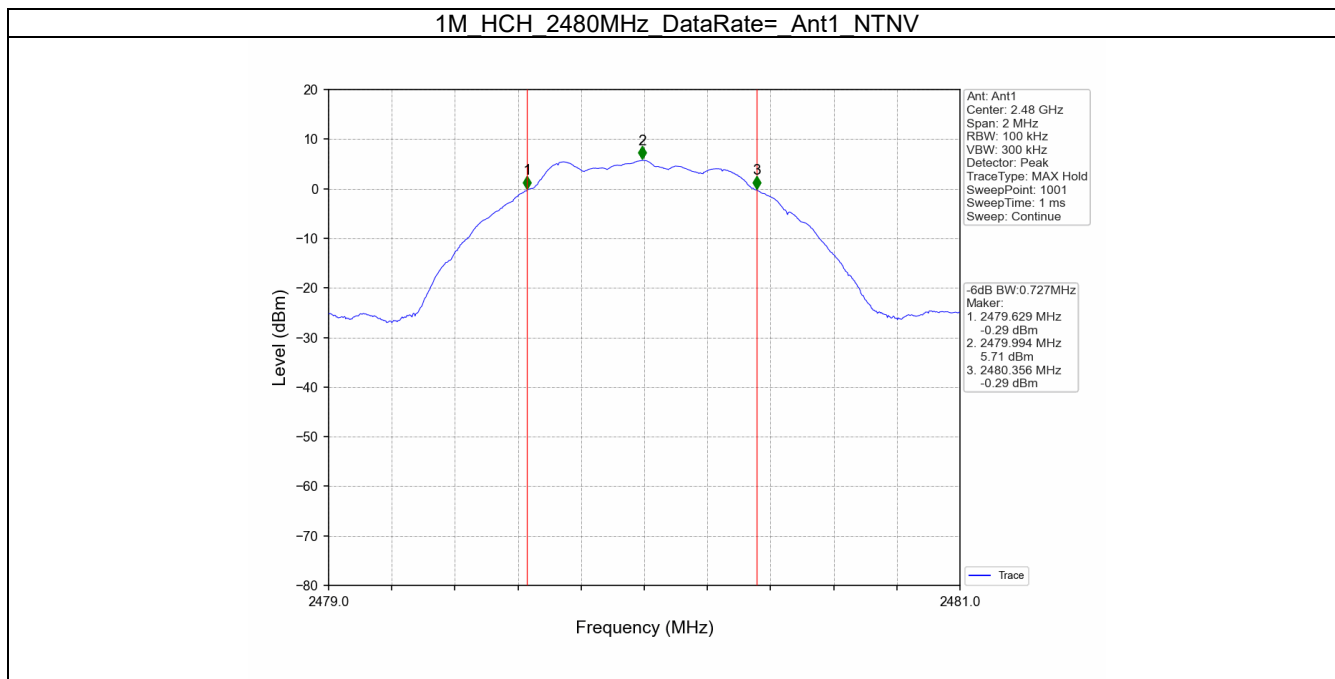


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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			Ant1	Limit	
1M	SISO	2402	6.48	<=30	Pass
		2440	6.51	<=30	Pass
		2480	6.63	<=30	Pass

Note1: Antenna Gain: Ant1: 4.61dBi;

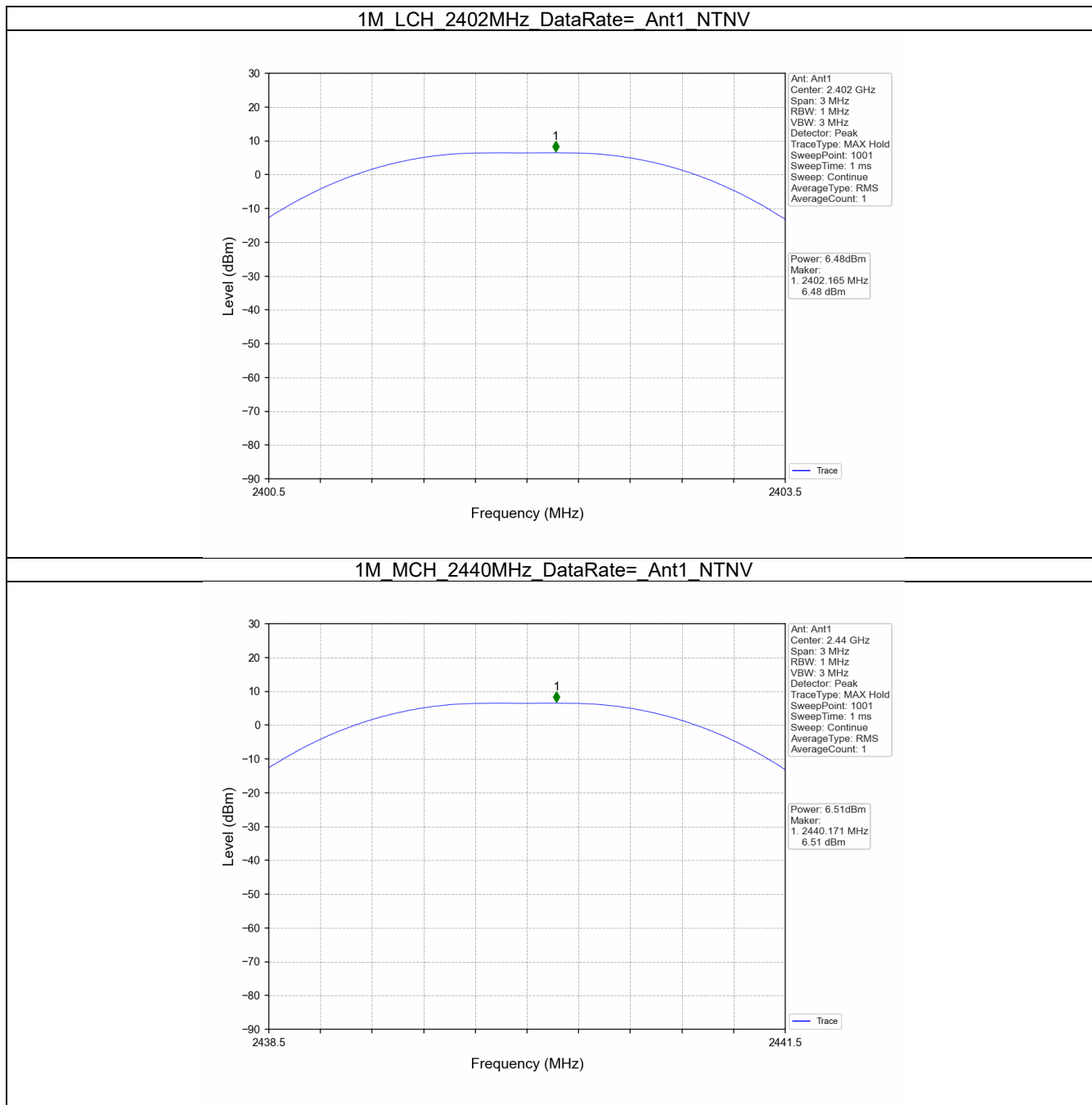


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3.1.2 Test Graph

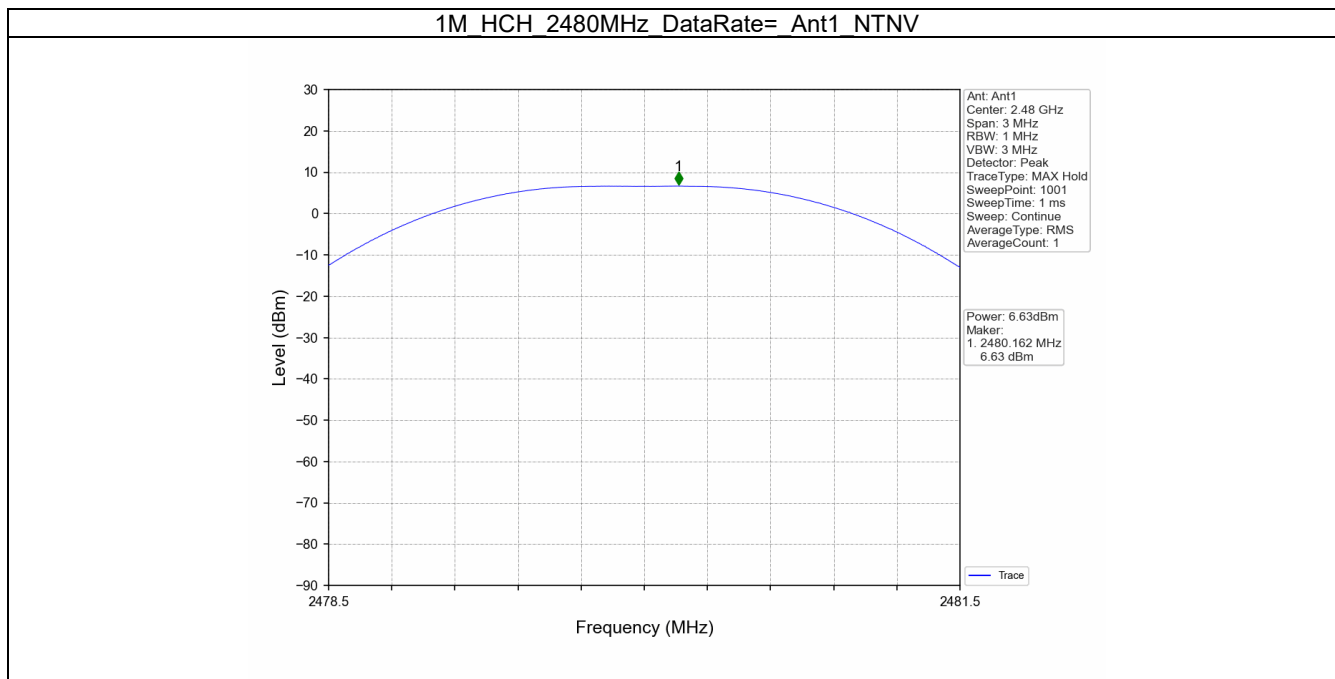


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4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			Ant1	Limit	
1M	SISO	2402	-8.54	<=8	Pass
		2440	-8.69	<=8	Pass
		2480	-9.36	<=8	Pass

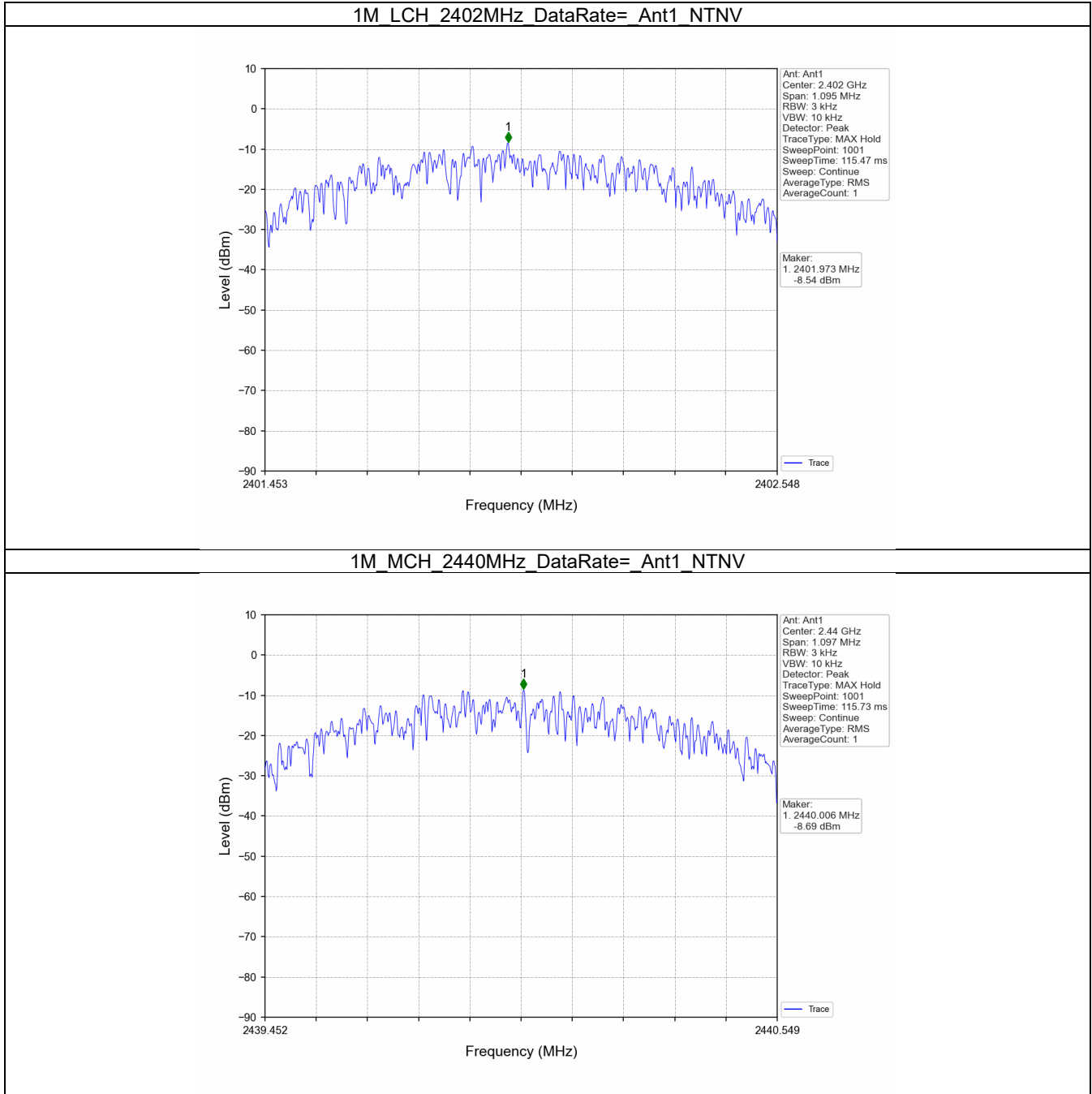
Note1: Antenna Gain: Ant1: 4.61dBi;

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4.1.2 Test Graph

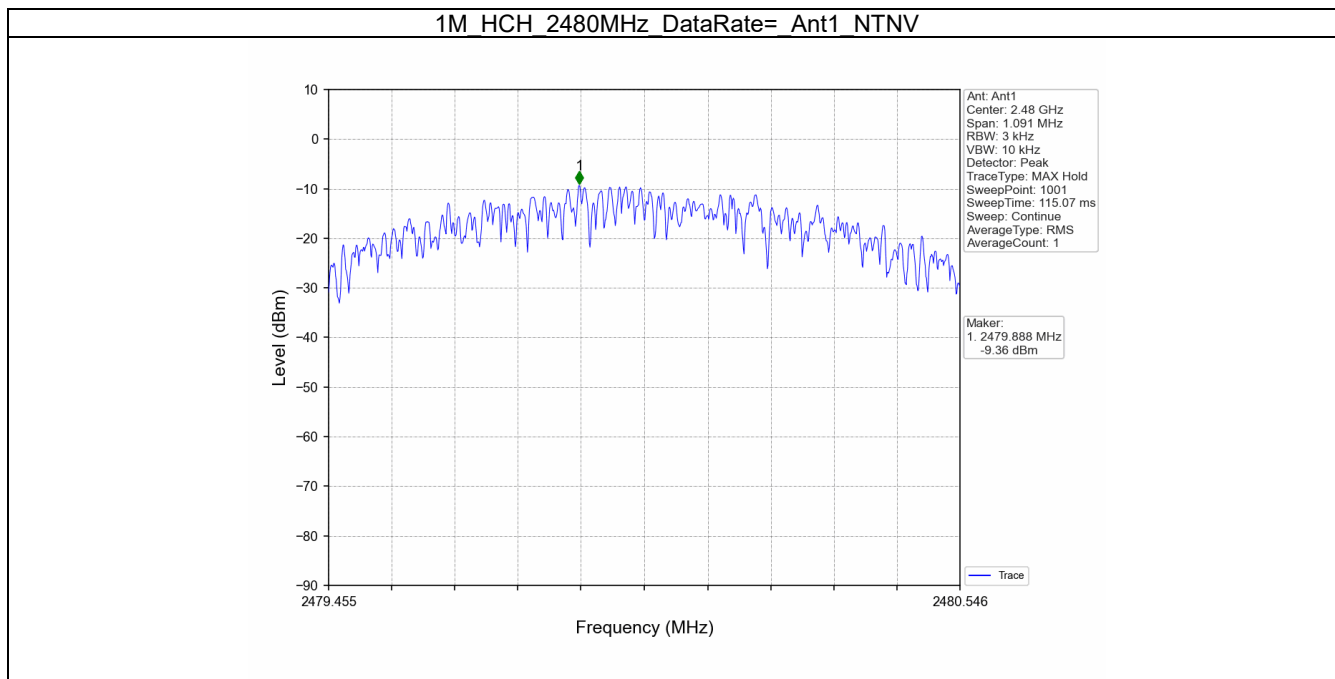


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5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Ref

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)
1M	SISO	2402	1	5.62
		2440	1	5.61
		2480	1	5.72

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.

Note2: RBW = 1MHz was used during the pre-test. The final test will be performed at RBW=100kHz while the margin is less than 3dB.

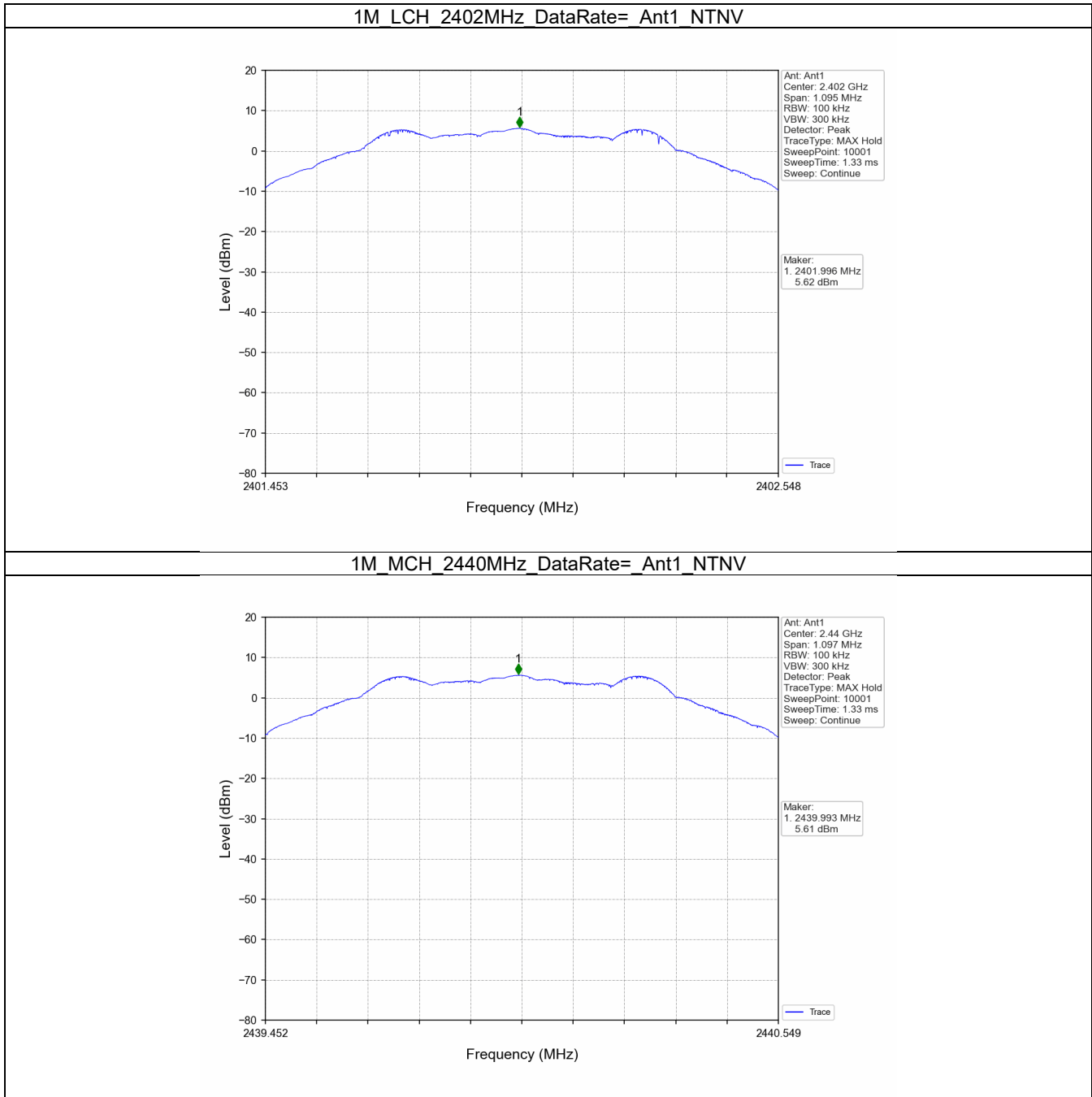


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5.1.2 Test Graph

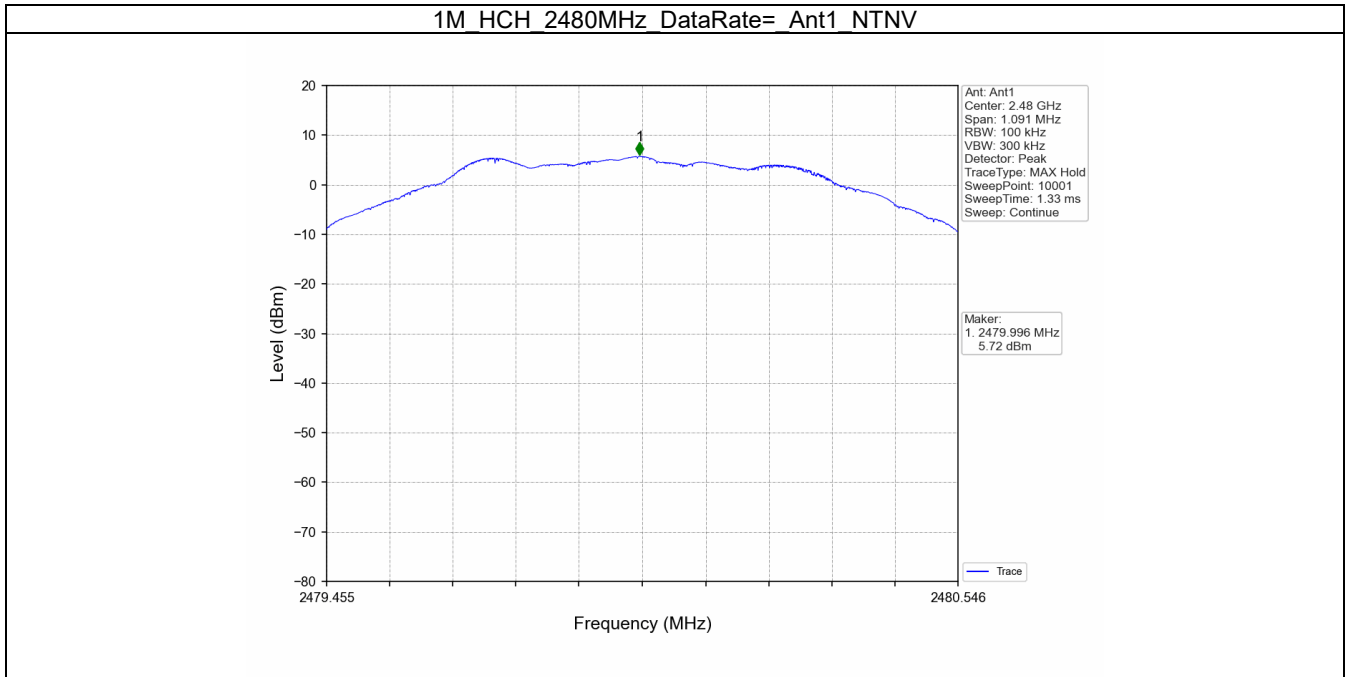


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5.2 CSE

5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	5.72	-14.28	Pass
		2440	1	5.72	-14.28	Pass
		2480	1	5.72	-14.28	Pass

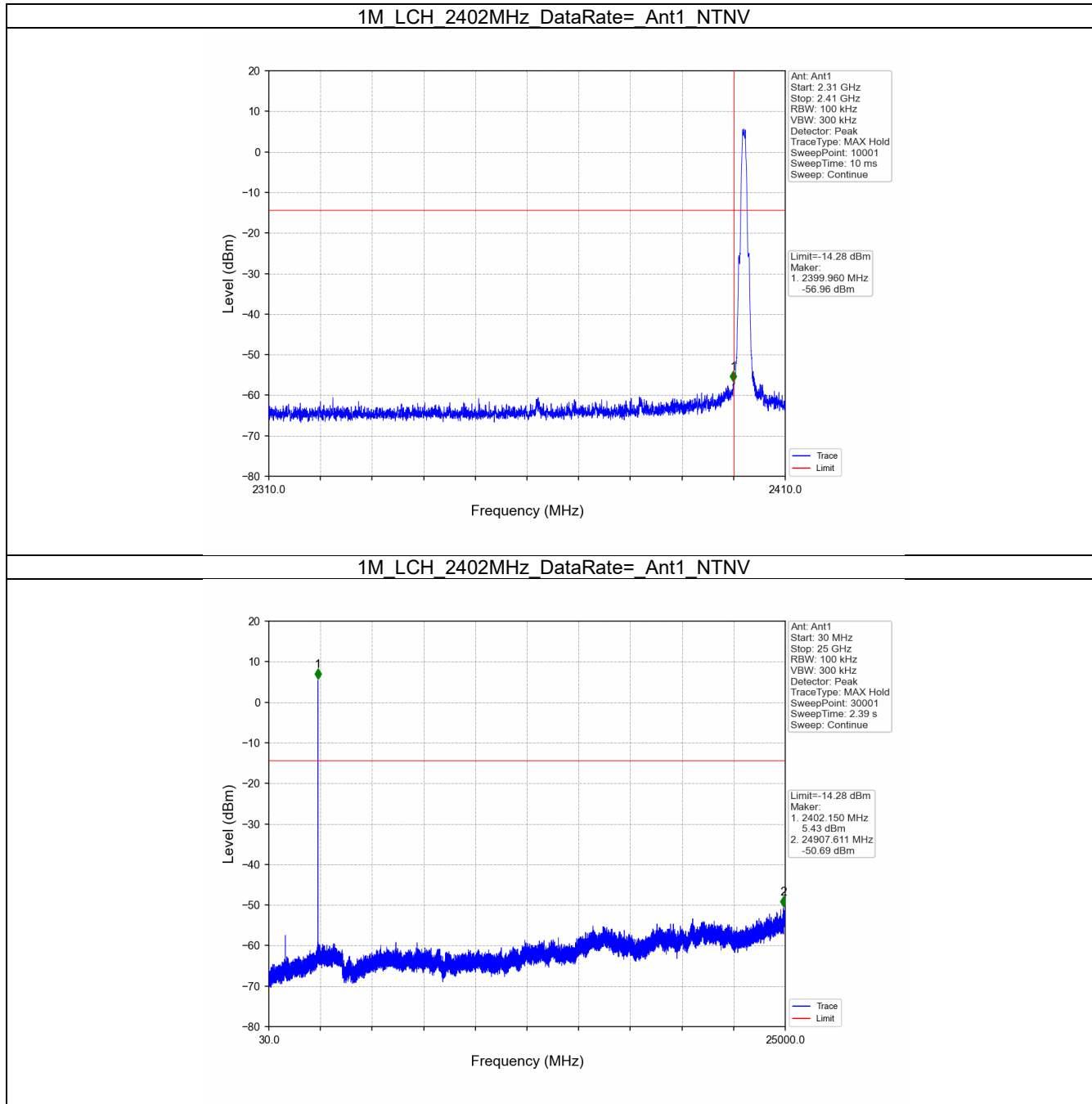
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.
 Note2: RBW = 1MHz was used during the pre-test. The final test will be performed at RBW=100kHz while the margin is less than 3dB.



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5.2.2 Test Graph

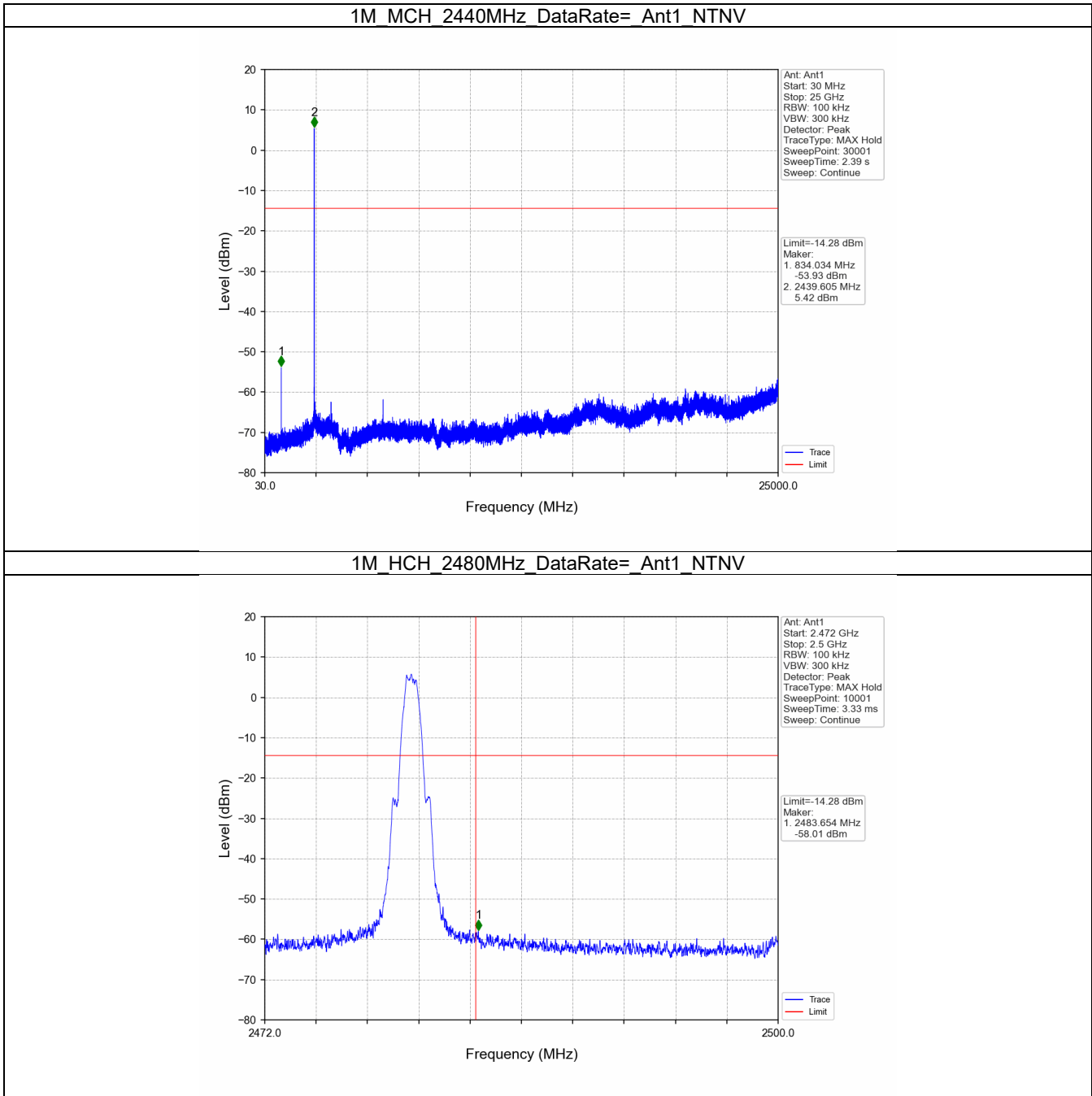


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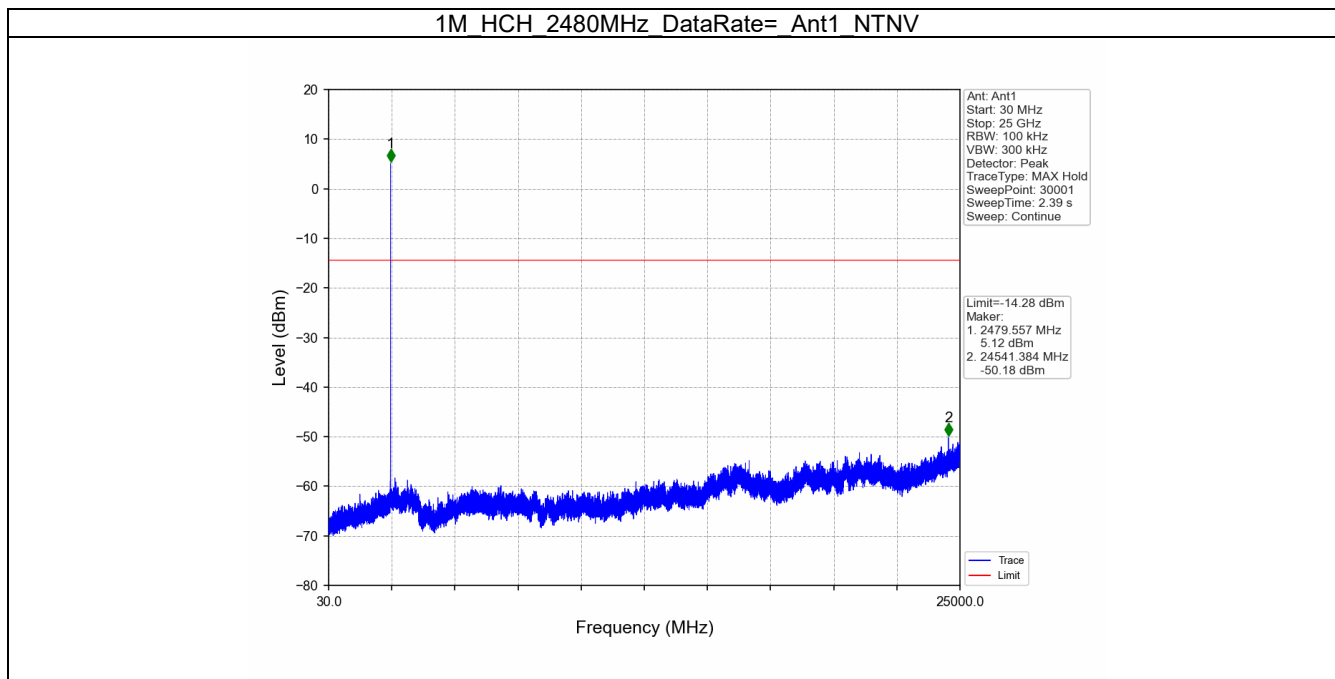


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