

Appendix Test Data

Report No.:	18220WC10106001	Test Date:	2021.7.7
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	56 %
Pressure:	1012 hPa		

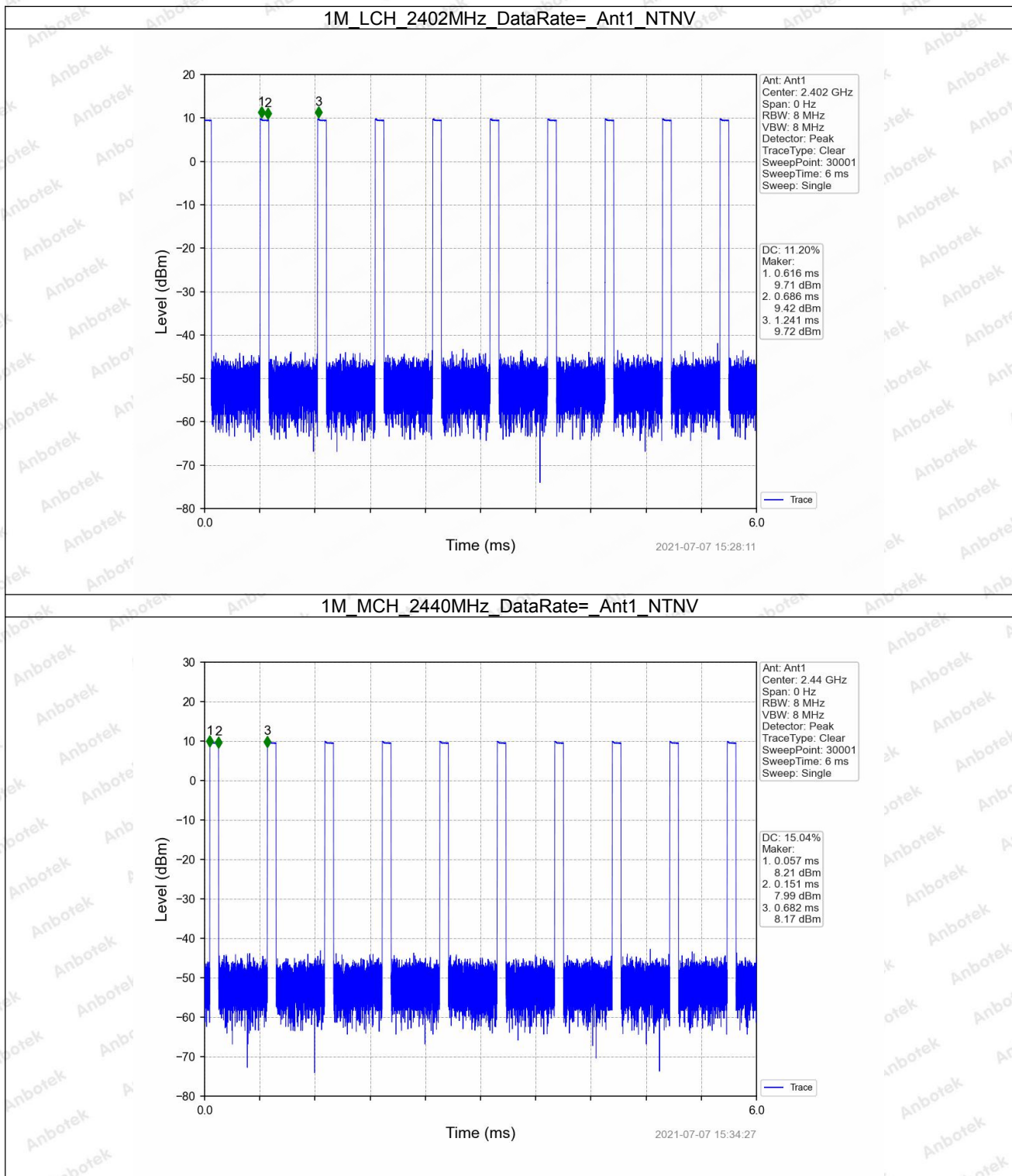
1. Duty Cycle

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	0.07	0.62	11.20	9.51	0.03
		2440	0.09	0.62	15.04	8.23	0.00
		2480	0.09	0.62	15.04	8.23	0.00

1.1.2 Test Graph



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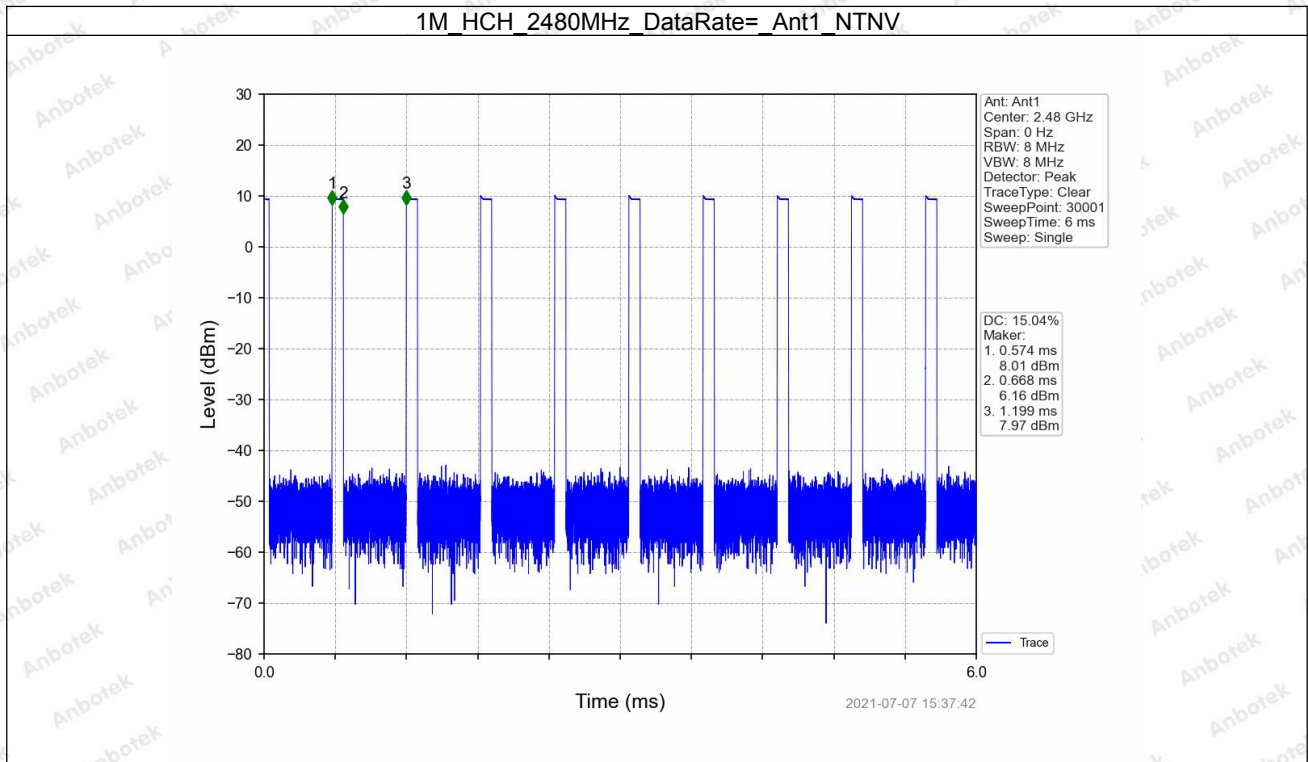
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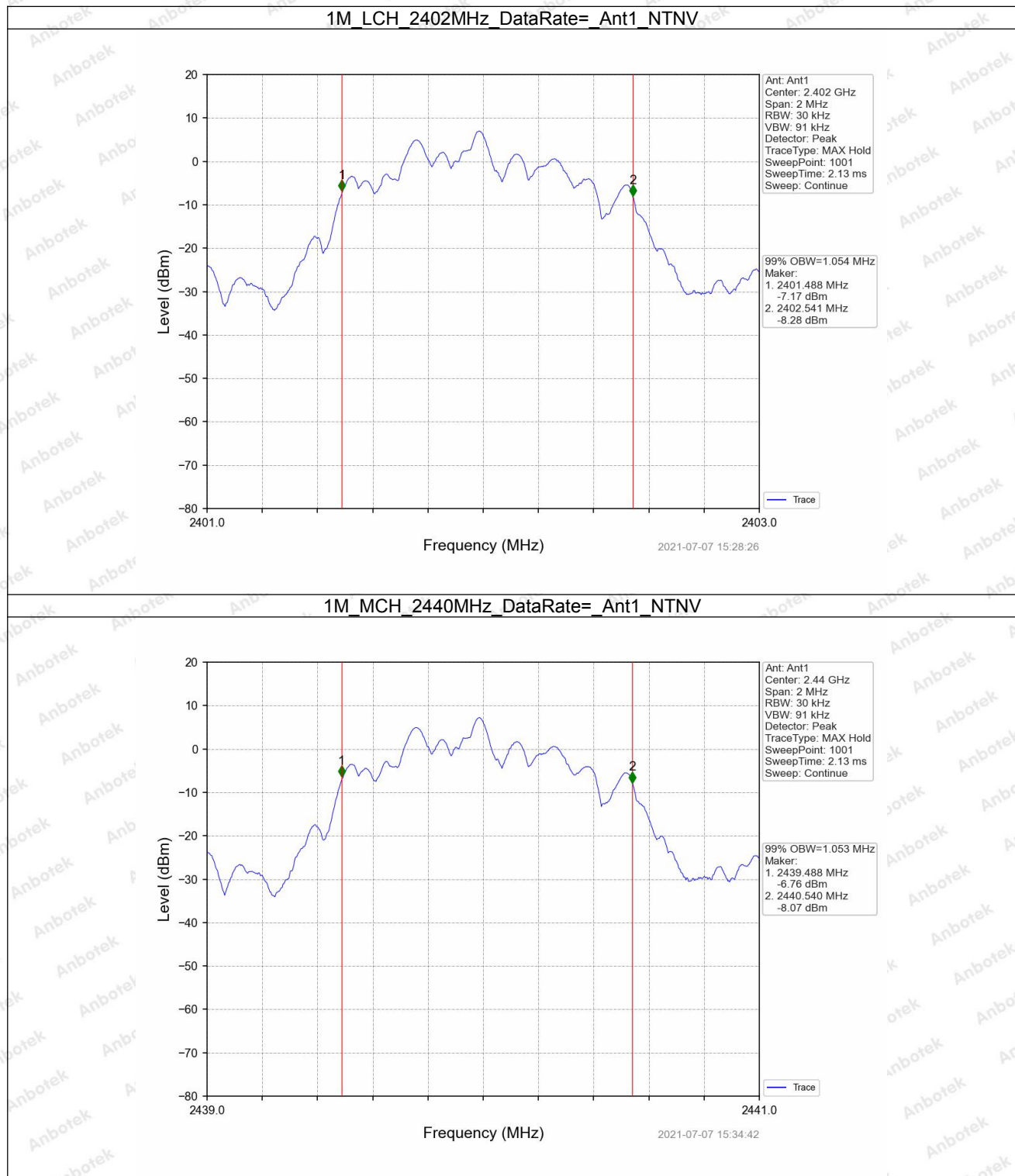
2. Bandwidth

2.1 OBW

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Limit	Verdict
1M	SISO	2402	1	1.05	/	Pass
		2440	1	1.05	/	Pass
		2480	1	1.05	/	Pass

2.1.2 Test Graph



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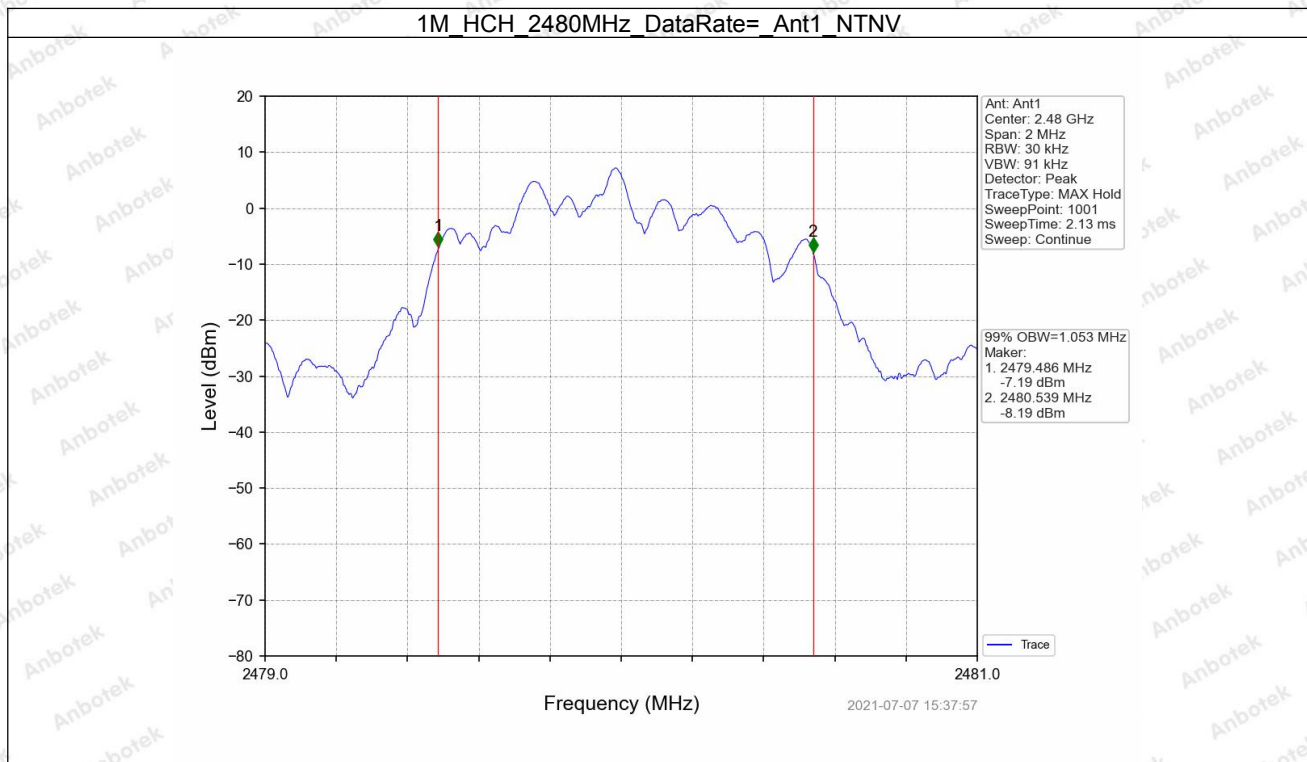
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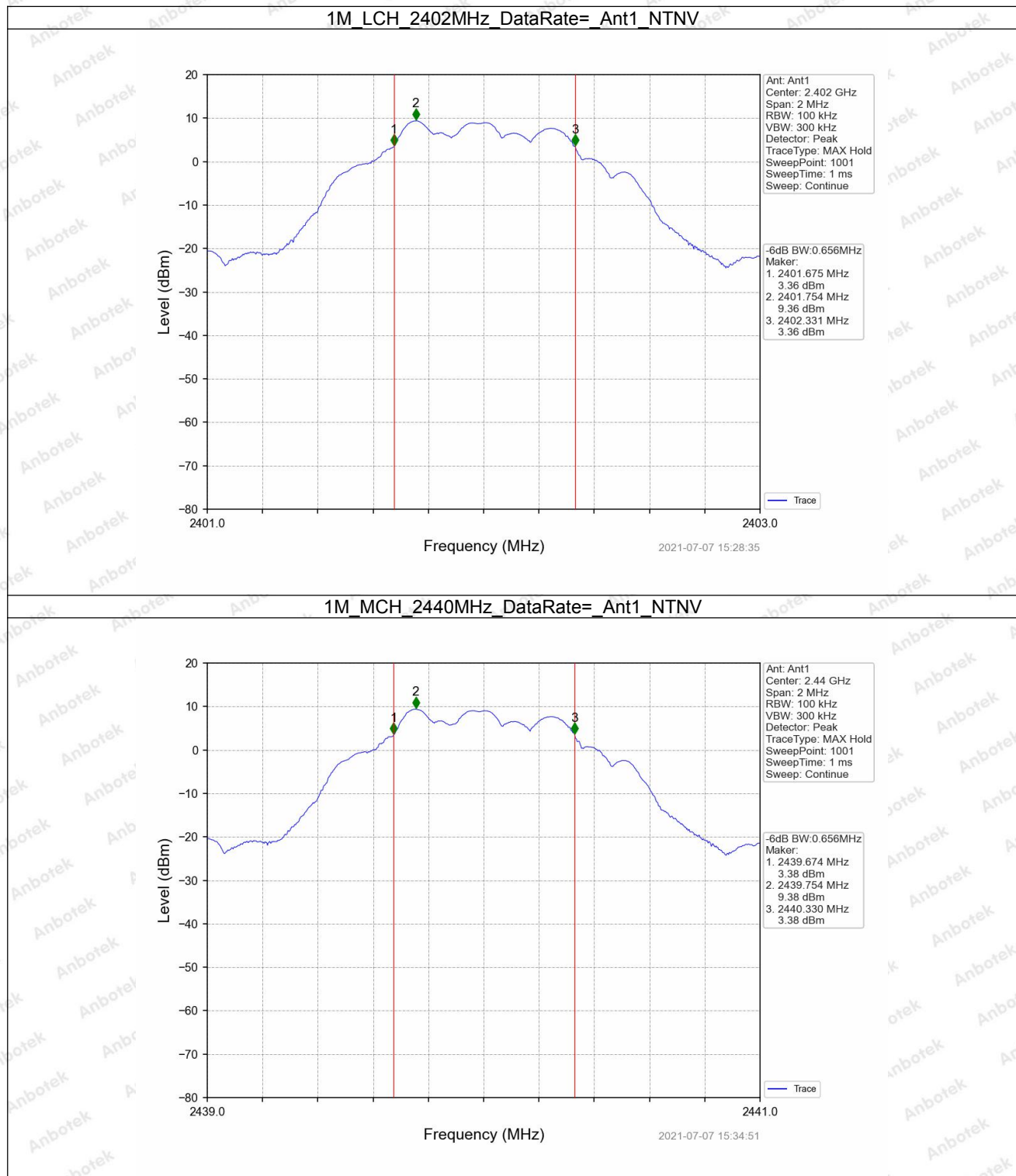
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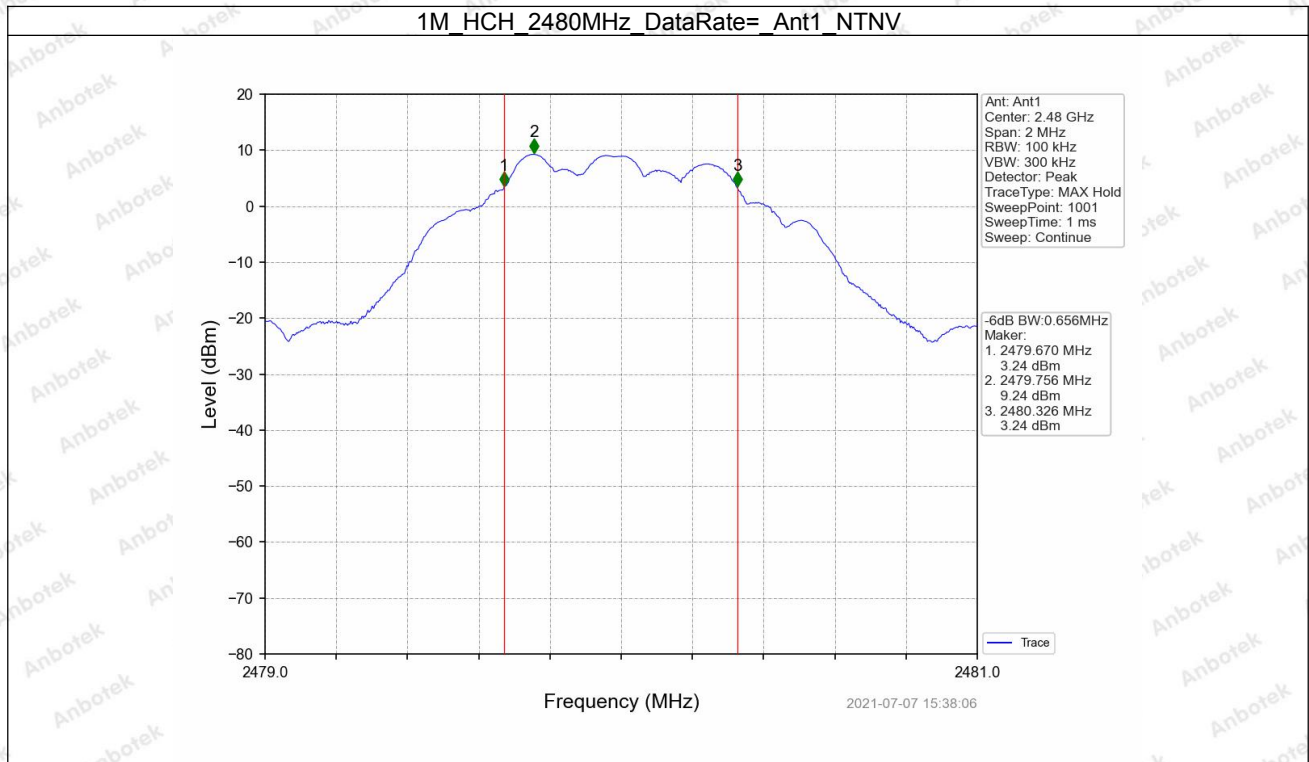
2.2 6dB BW

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)	Limit	Verdict
1M	SISO	2402	1	0.66	≥ 0.5	Pass
		2440	1	0.66	≥ 0.5	Pass
		2480	1	0.66	≥ 0.5	Pass

2.2.2 Test Graph





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3. Maximum Conducted Output Power

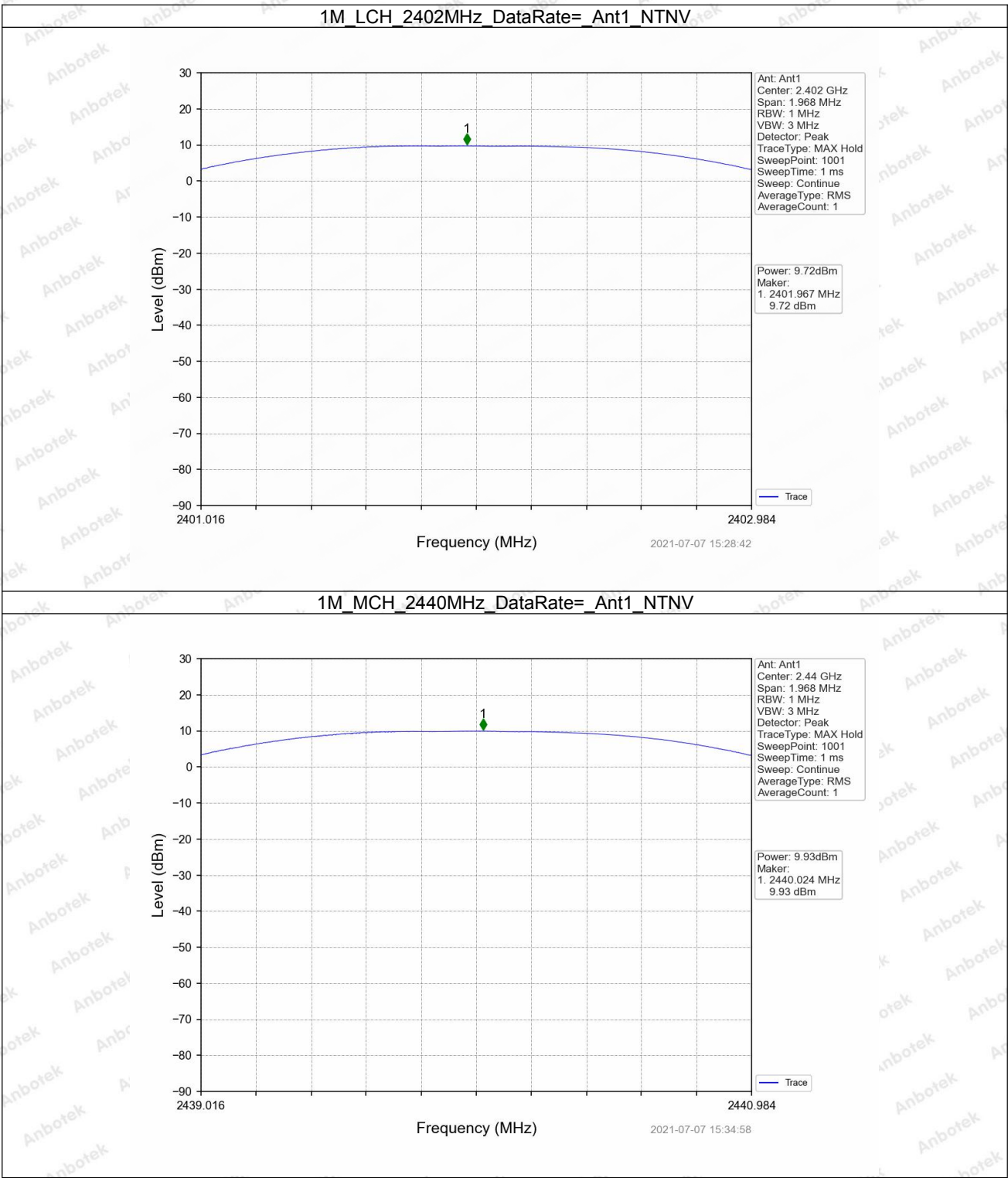
3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Measured Peak Output Power (dBm)		Verdict
			Ant1	Limit	
1M	SISO	2402	9.72	<=30	Pass
		2440	9.93	<=30	Pass
		2480	10.04	<=30	Pass

Note1: Antenna Gain: Ant1: 2.60dBi;

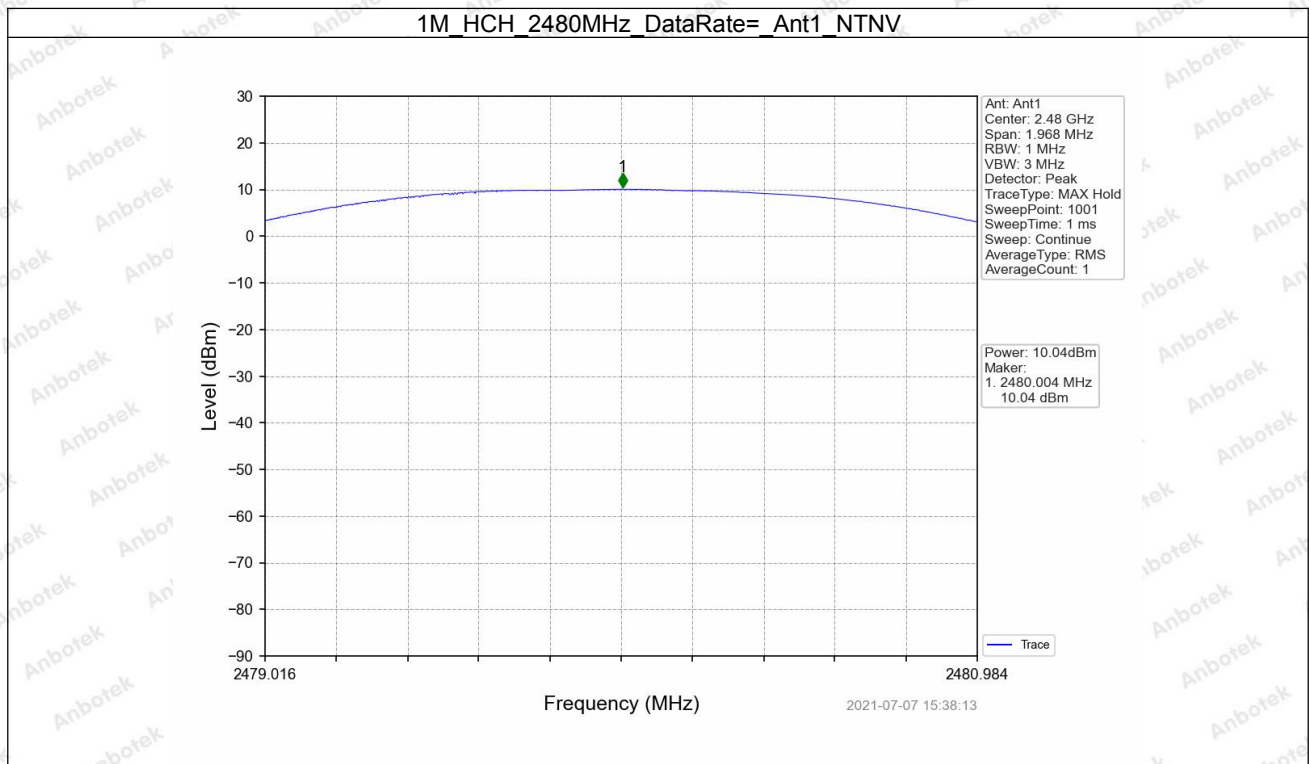
3.1.2 Test Graph



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4. Maximum Power Spectral Density

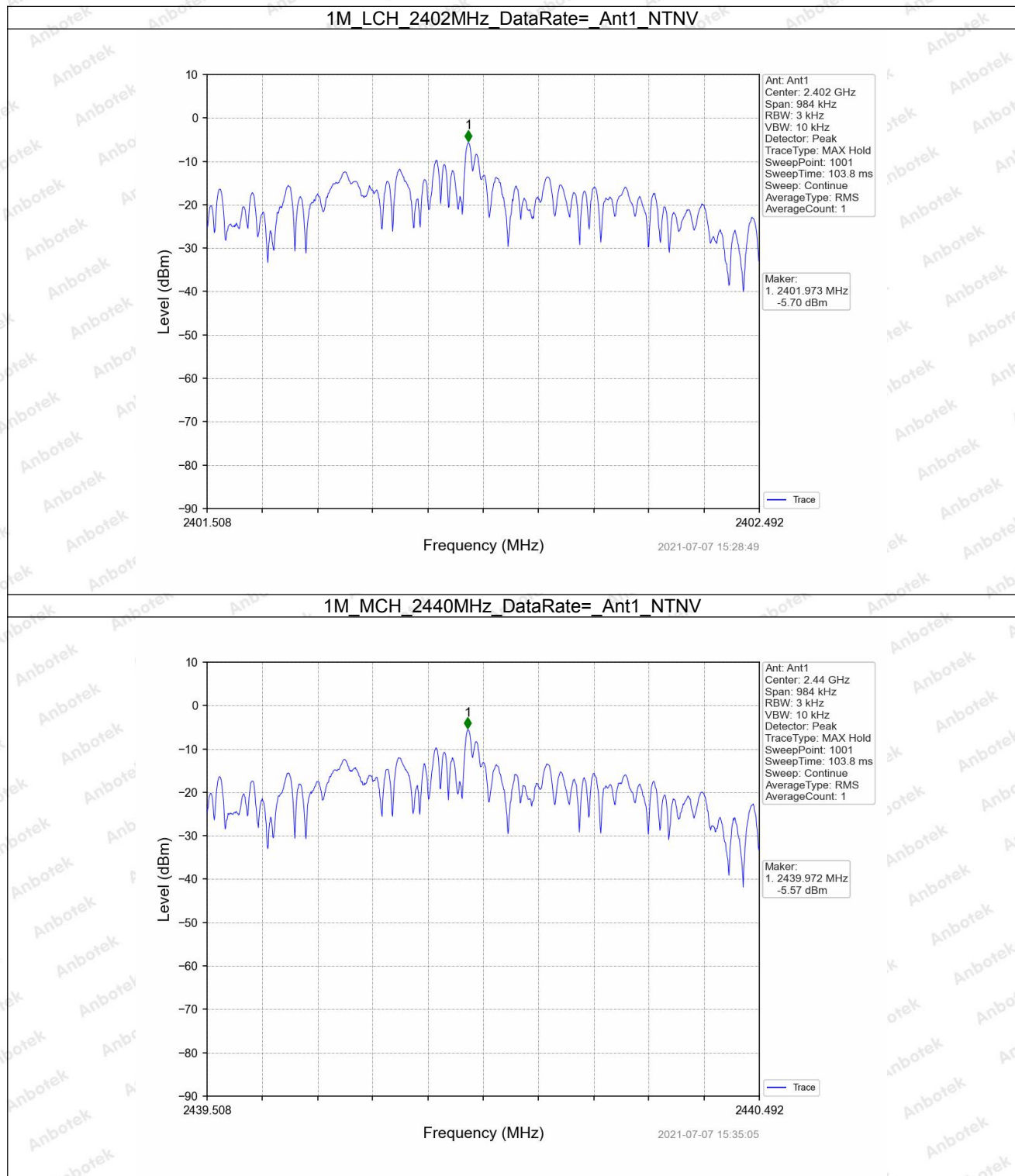
4.1 PSD

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			Ant1	Limit	
1M	SISO	2402	-5.70	<=8	Pass
		2440	-5.57	<=8	Pass
		2480	-5.80	<=8	Pass

Note1: Antenna Gain: Ant1: 2.60dBi;

4.1.2 Test Graph



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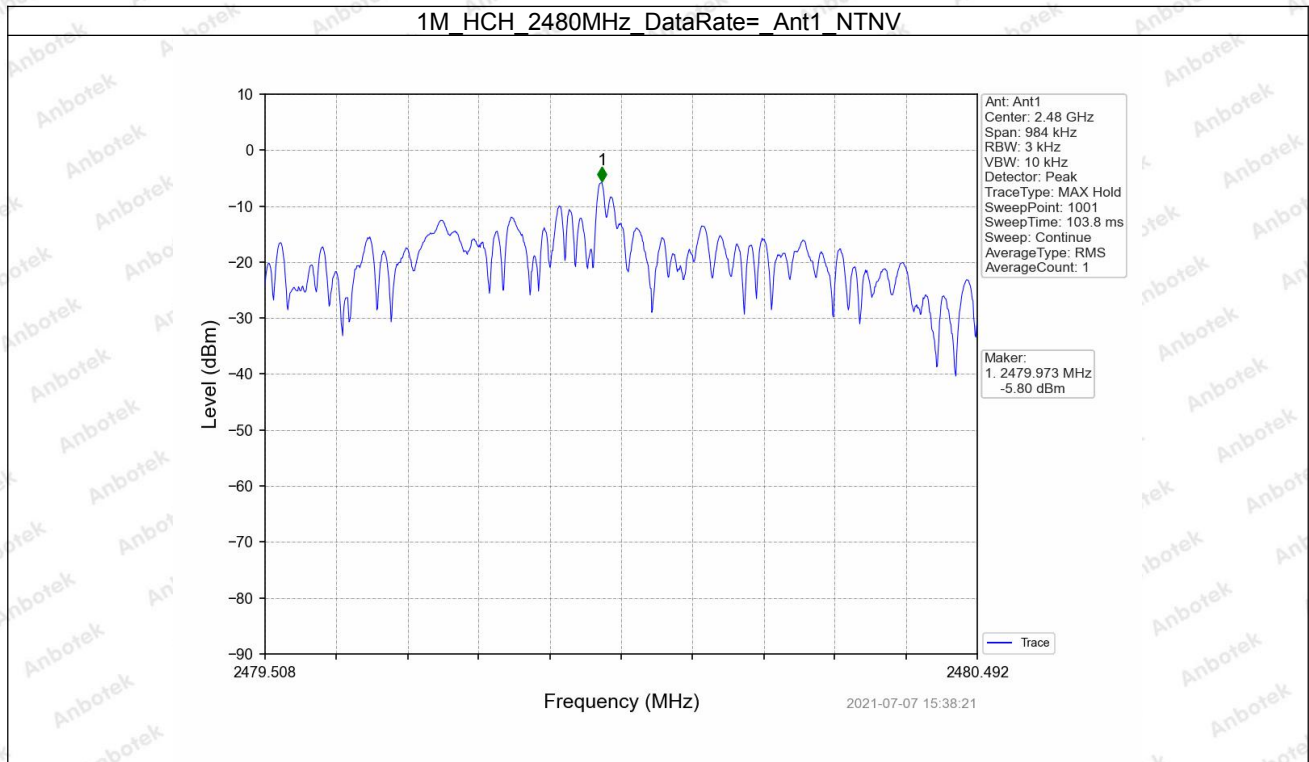
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5. Unwanted Emissions In Non-restricted Frequency Bands

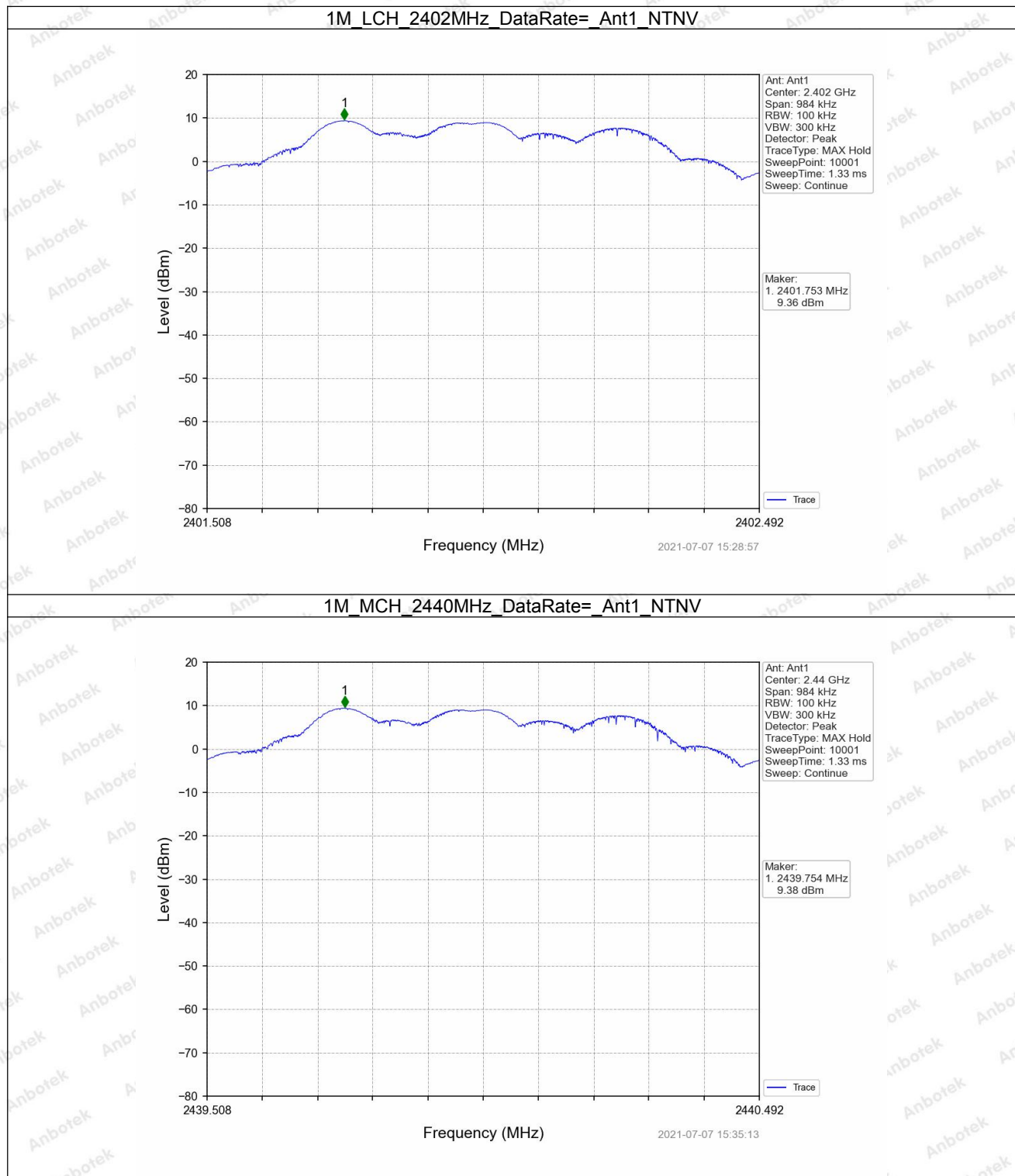
5.1 Ref

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)
1M	SISO	2402	1	9.36
		2440	1	9.38
		2480	1	9.24

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.

5.1.2 Test Graph

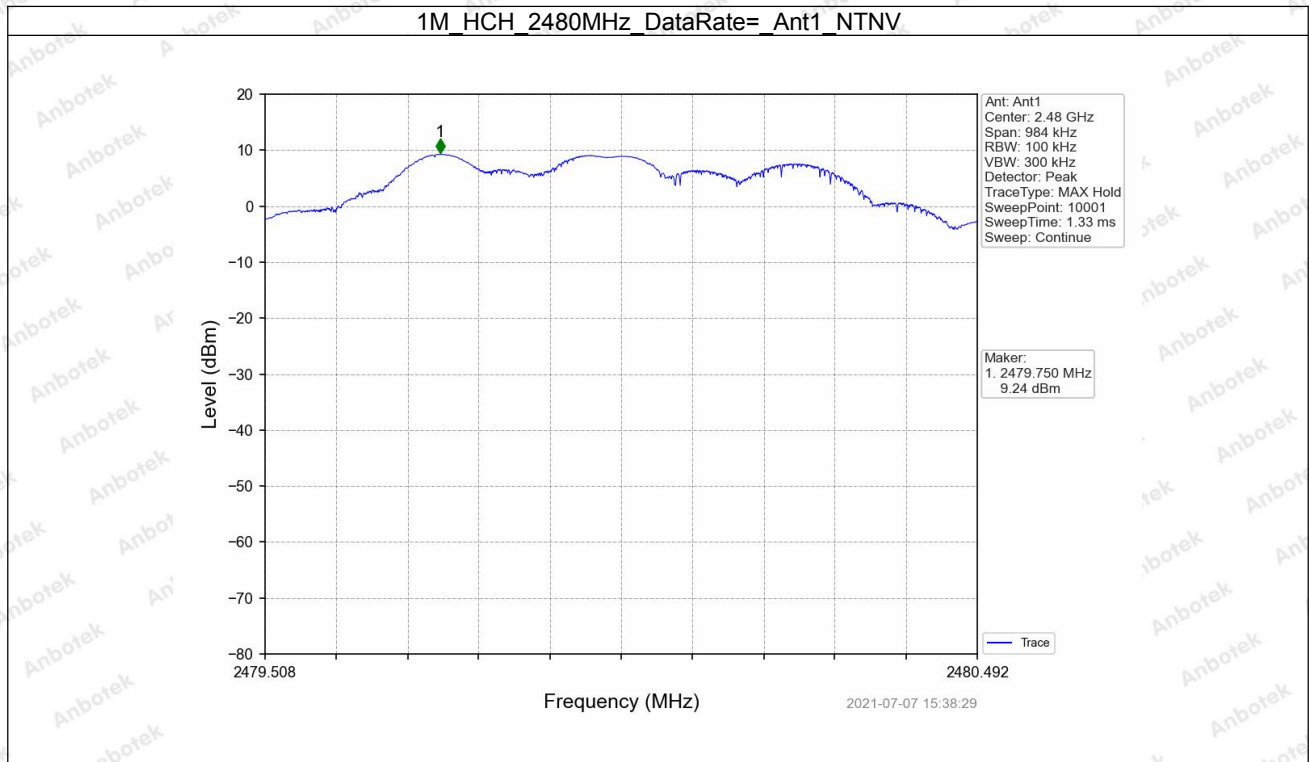


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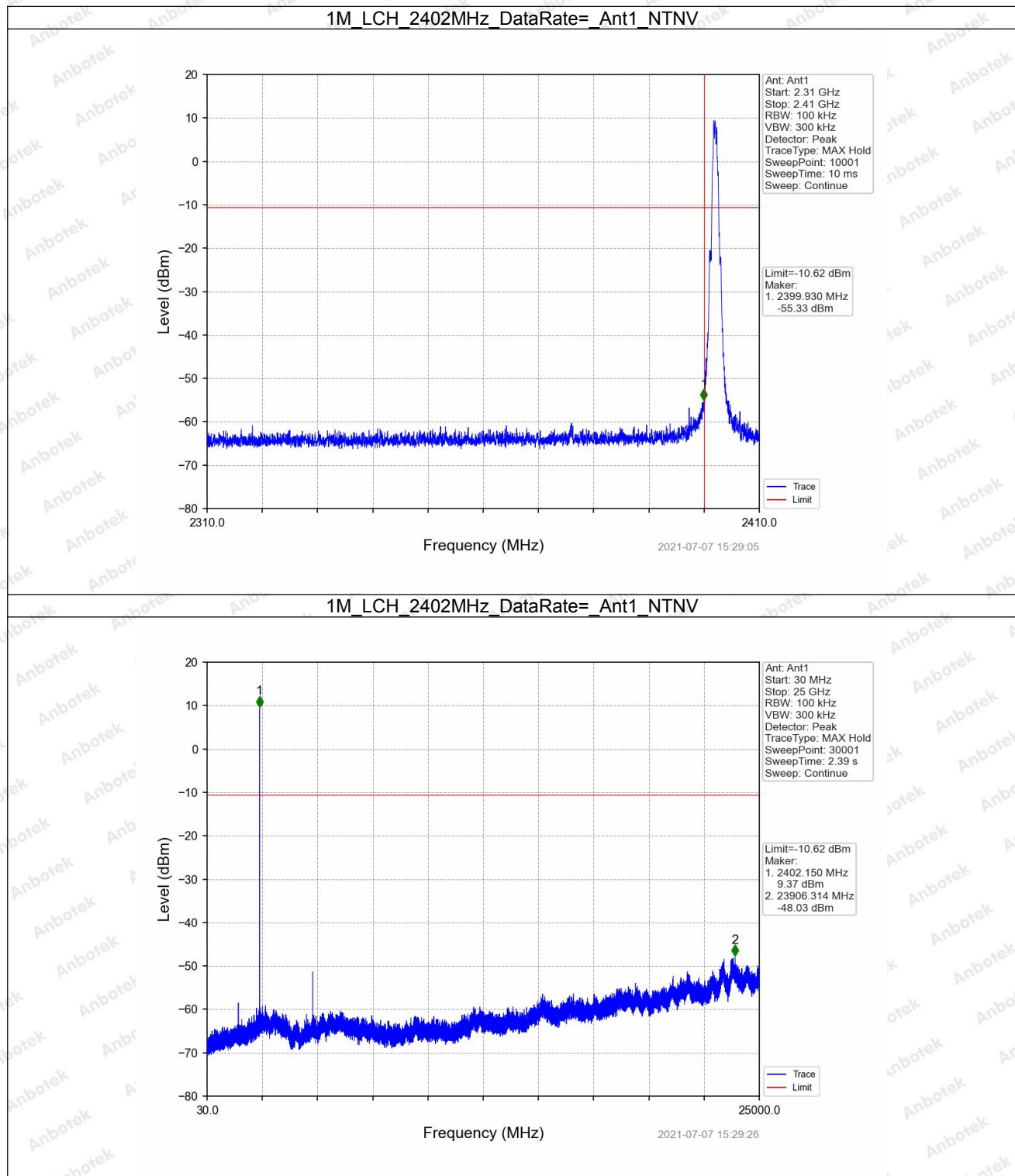
5.2 CSE

5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	9.38	-10.62	Pass
		2440	1	9.38	-10.62	Pass
		2480	1	9.38	-10.62	Pass

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.

5.2.2 Test Graph



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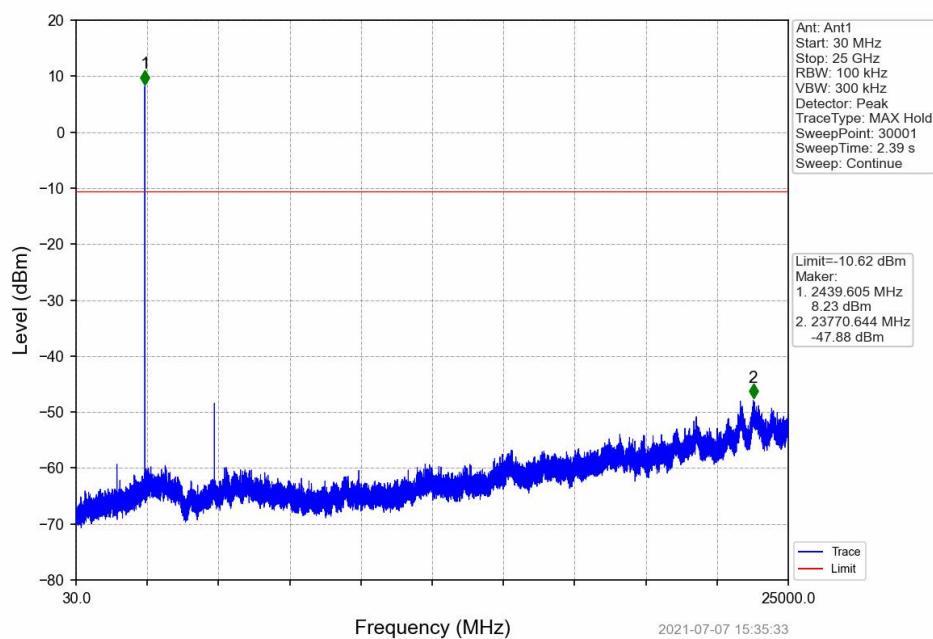


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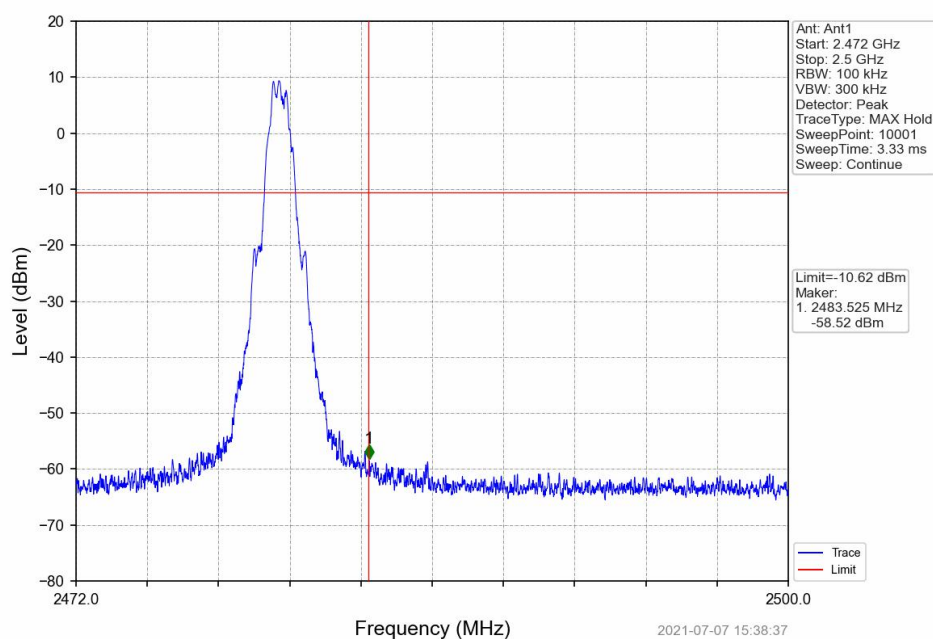
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1M_MCH_2440MHz_DataRate=_Ant1_NTNV



1M_HCH_2480MHz_DataRate=_Ant1_NTNV

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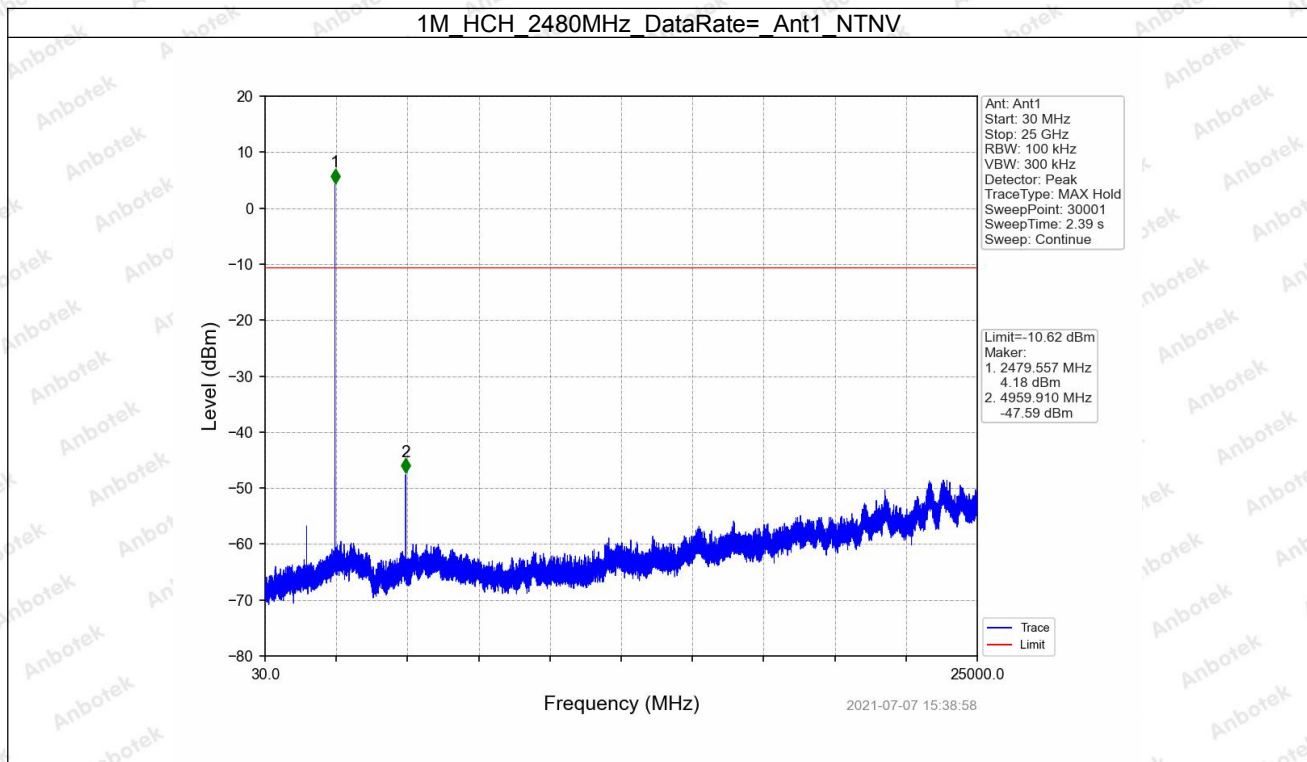
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