

Appendix Test Data

Project No.:	18220WC10138602	Test Date:	2021.6.25
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	57.2 %
Pressure:	1012 hPa		

1. Bandwidth

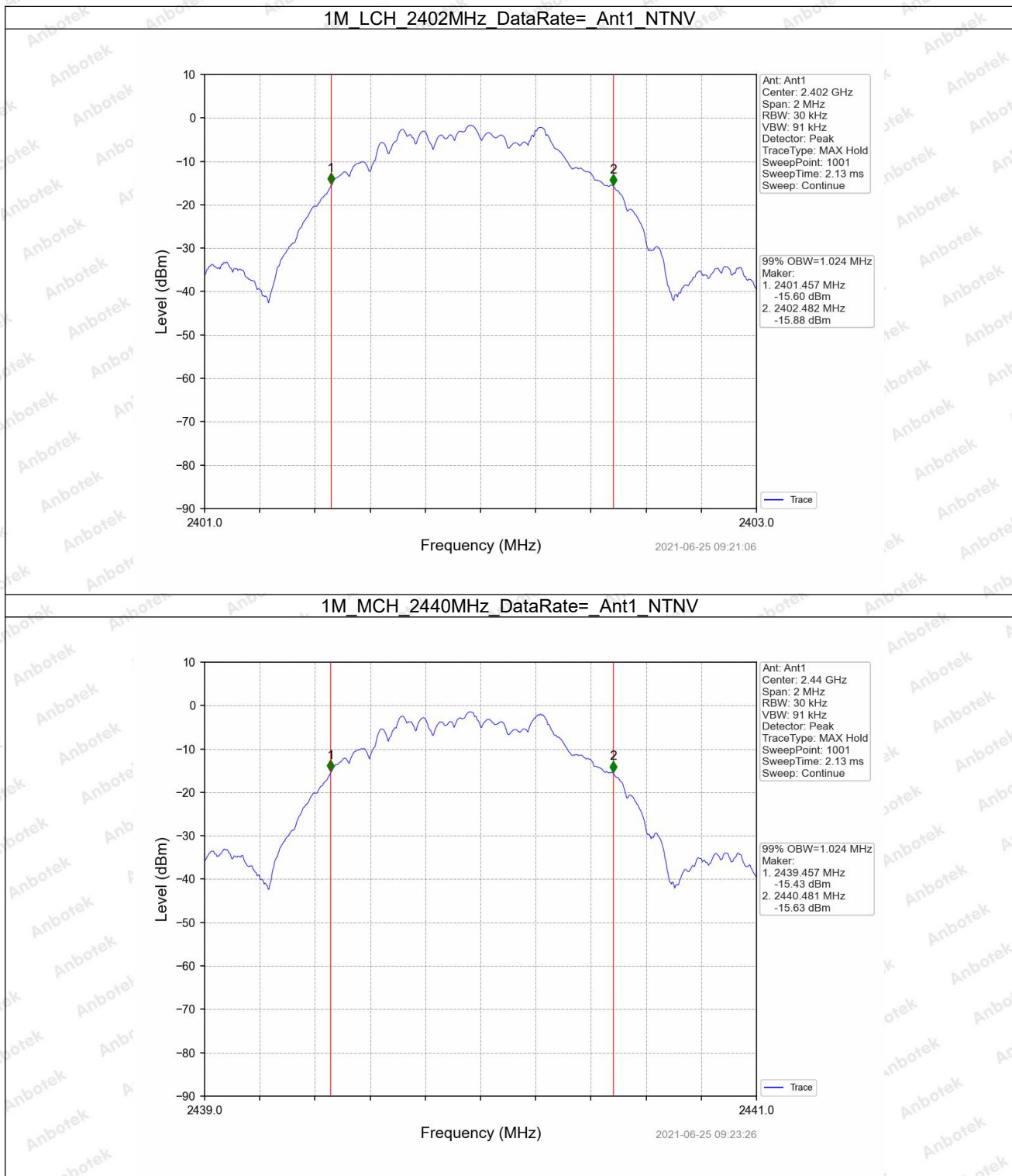
1.1 OBW

1.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Limit	Verdict
1M	SISO	2402	1	1.02	/	Note1
		2440	1	1.02	/	Note1
		2480	1	1.02	/	Note1

Note1: Only for Report Use

1.1.2 Test Graph



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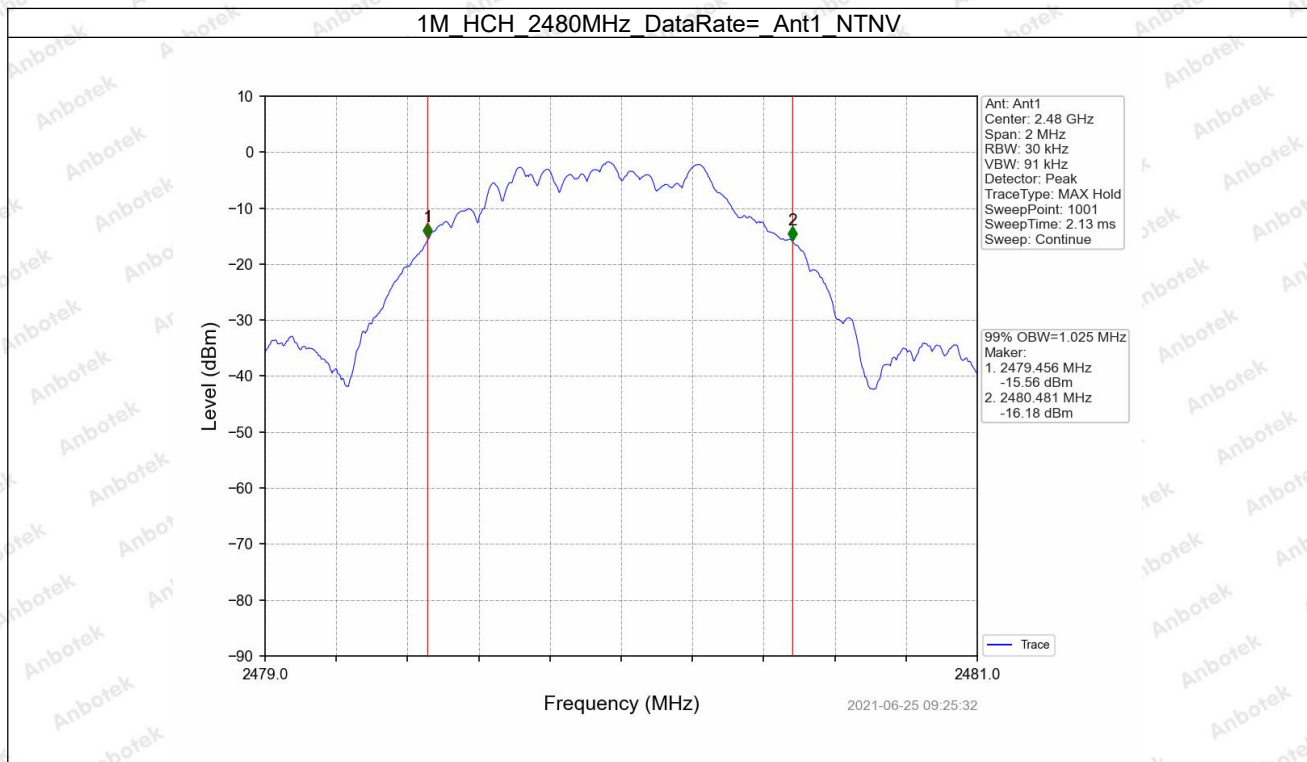
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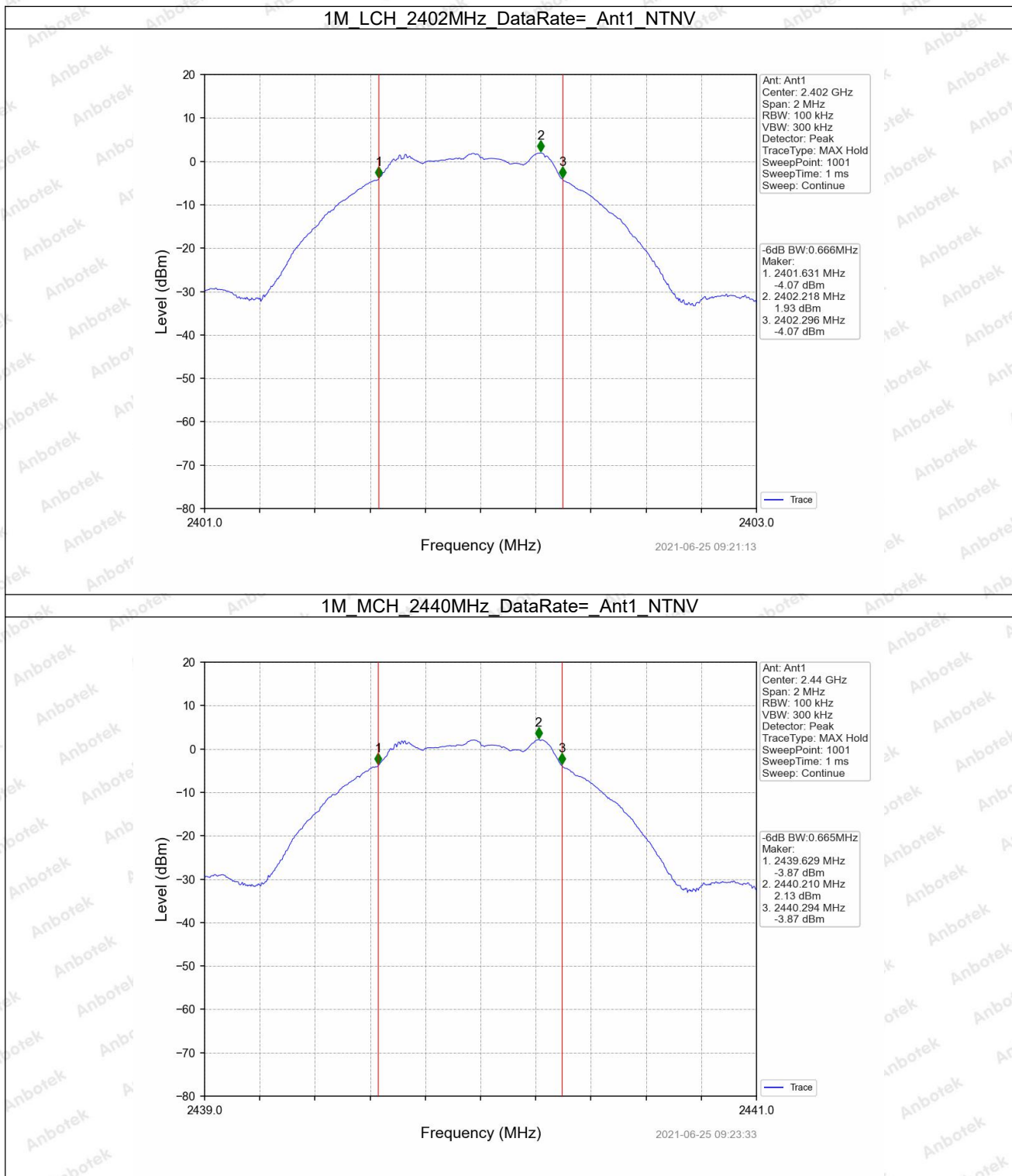
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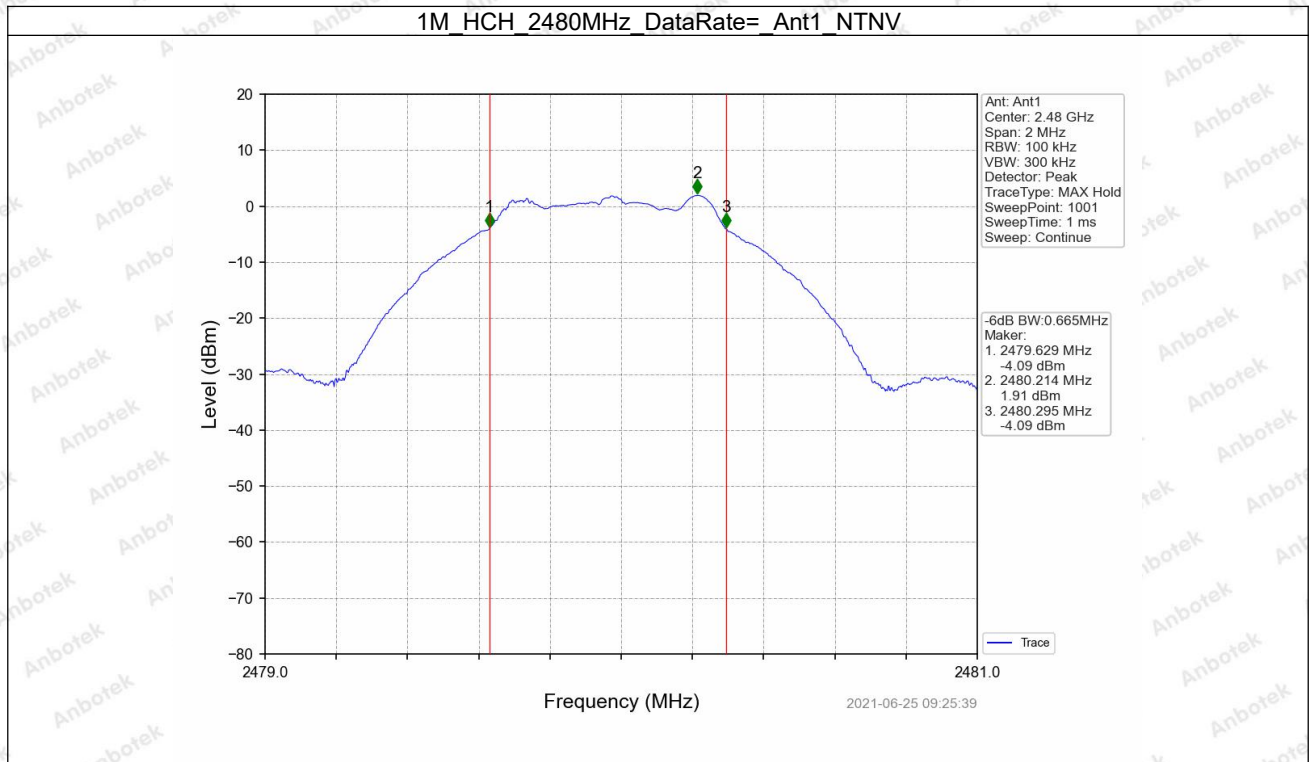
1.2 6dB BW

1.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)	Limit	Verdict
1M	SISO	2402	1	0.67	≥ 0.5	Pass
		2440	1	0.67	≥ 0.5	Pass
		2480	1	0.67	≥ 0.5	Pass

1.2.2 Test Graph





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2. Maximum Conducted Output Power

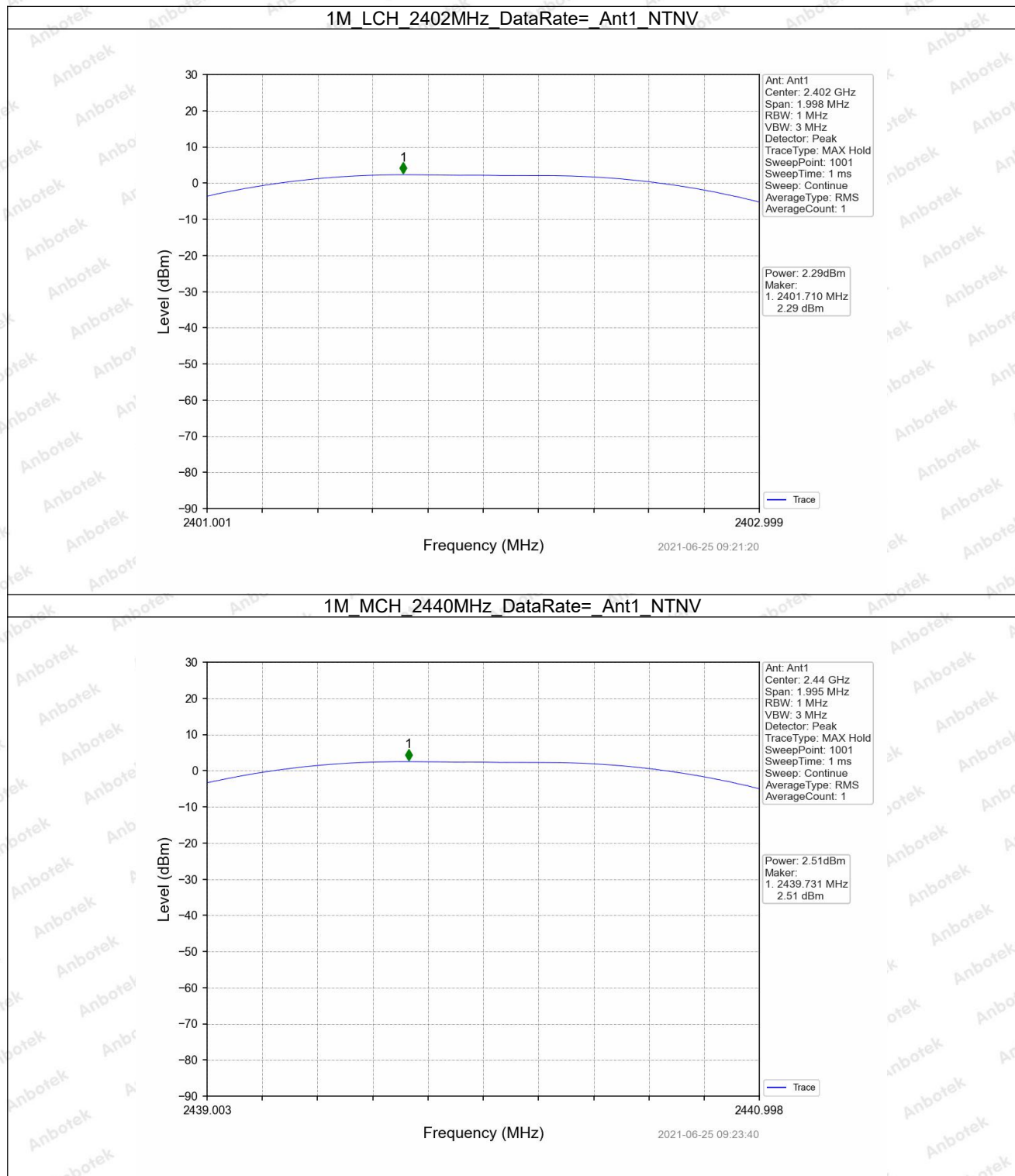
2.1 Power

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Measured Peak Output Power (dBm)	Limit (dBm)	Verdict
			Ant1		
1M	SISO	2402	2.29	<=30	Pass
		2440	2.51	<=30	Pass
		2480	2.25	<=30	Pass

Note1: Antenna Gain:-1.00dBi;

2.1.2 Test Graph



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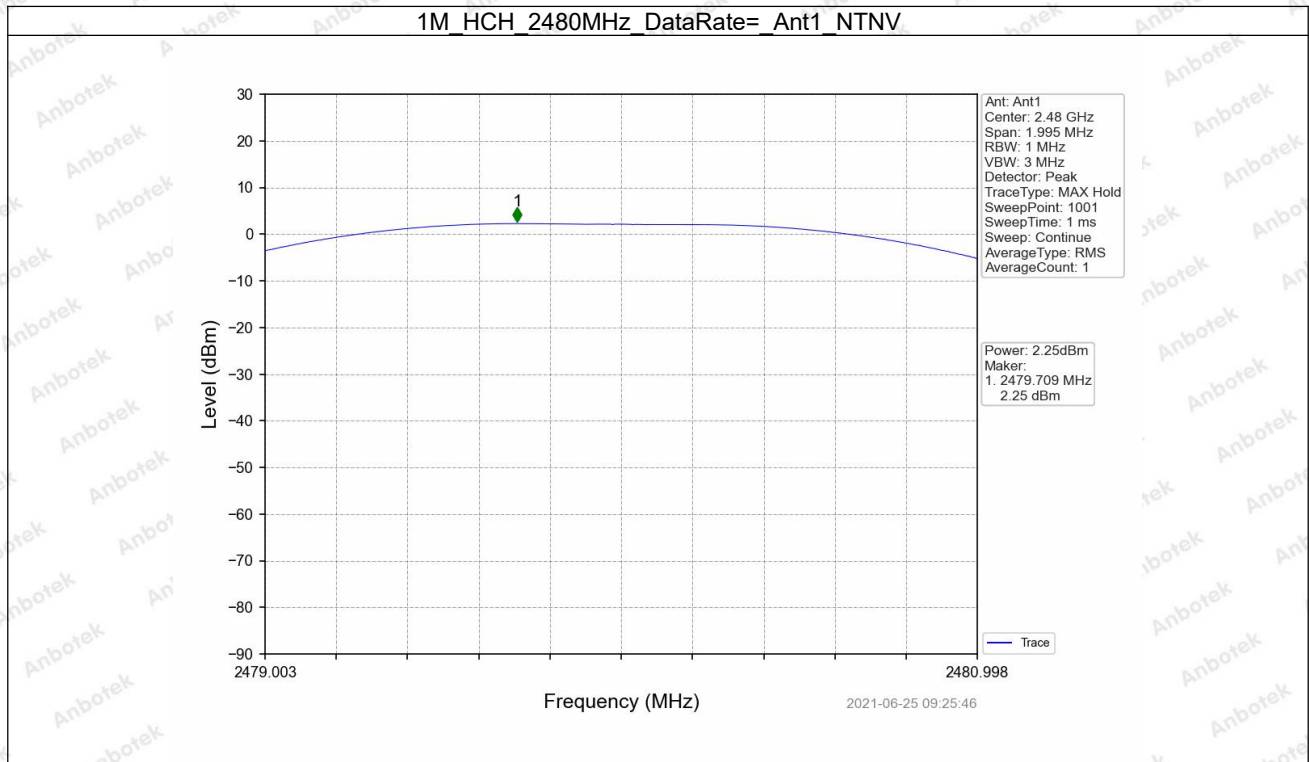
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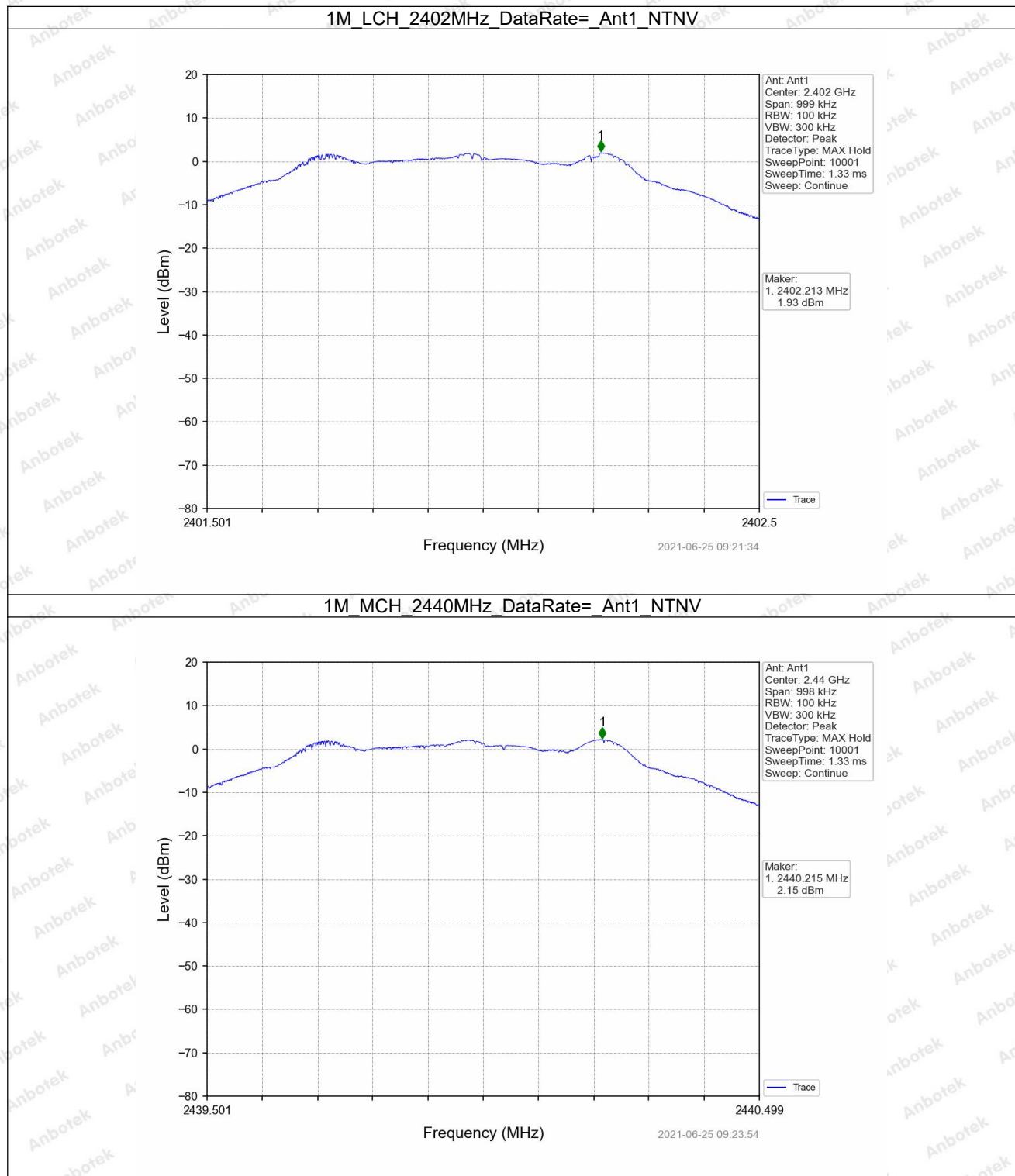
6. Unwanted Emissions In Non-restricted Frequency Bands

6.1 Ref

6.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	1.93	/	/
		2440	1	2.15	/	/
		2480	1	1.91	/	/
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. Note2: Only for Report Use						

6.1.2 Test Graph



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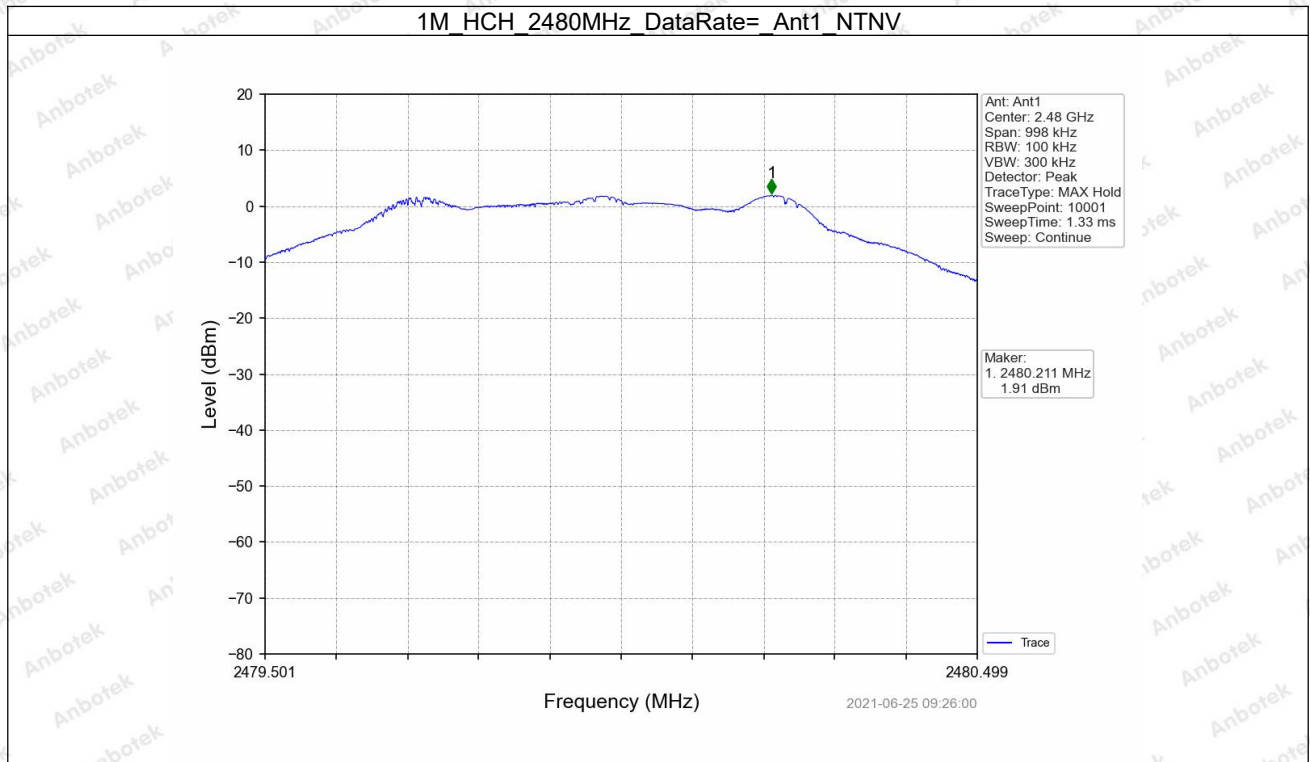
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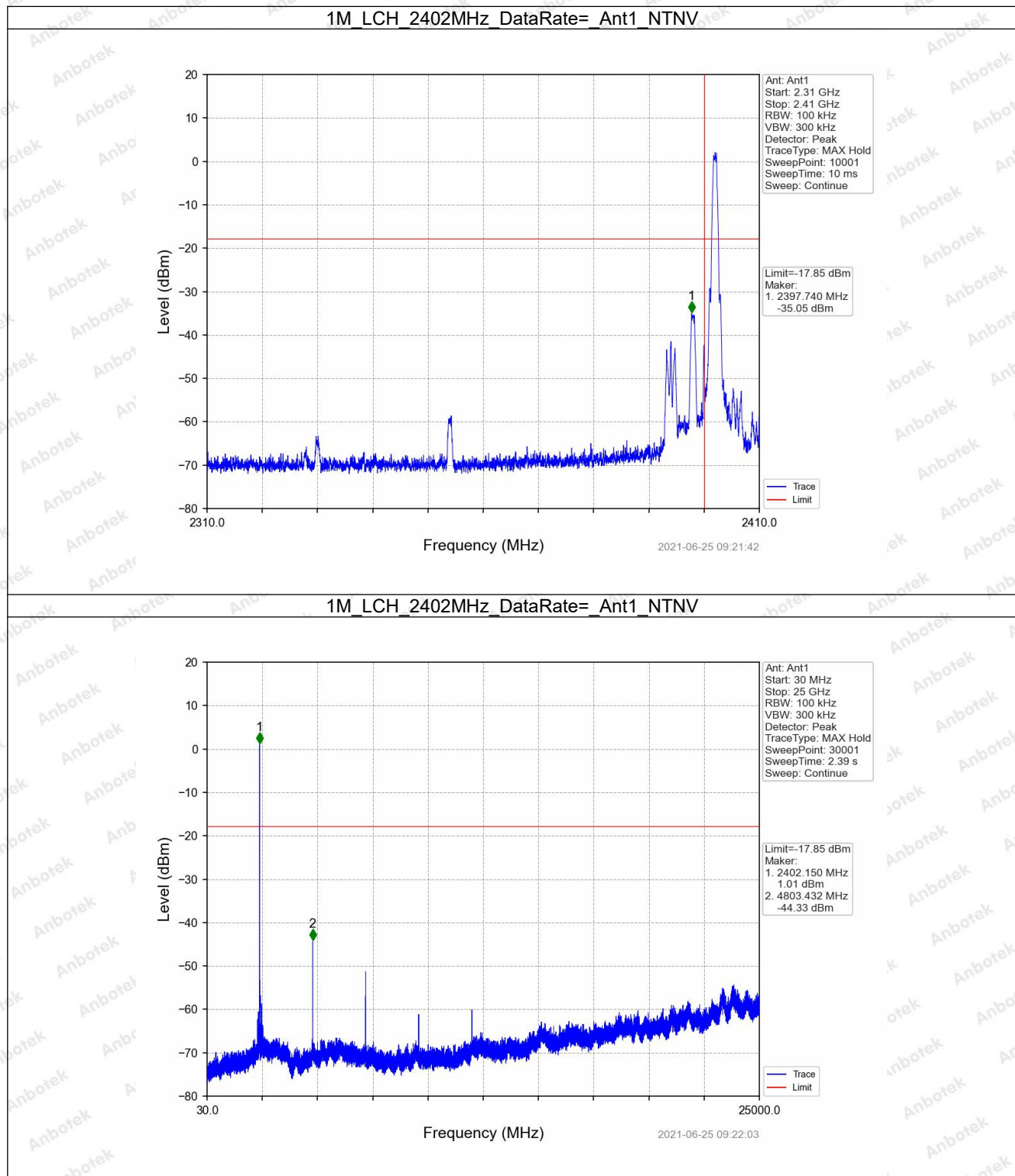
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6.2 CSE

6.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	Refer To Test Graph	Refer To Test Graph	Note2
		2440	1	Refer To Test Graph	Refer To Test Graph	Note2
		2480	1	Refer To Test Graph	Refer To Test Graph	Note2
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.						
Note2: Only for Report Use						

6.2.2 Test Graph



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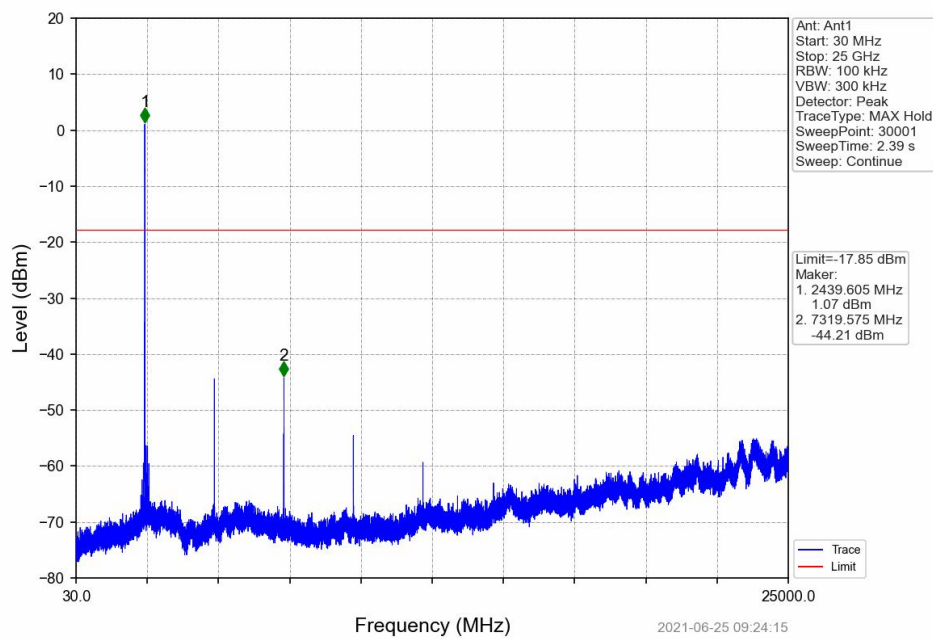


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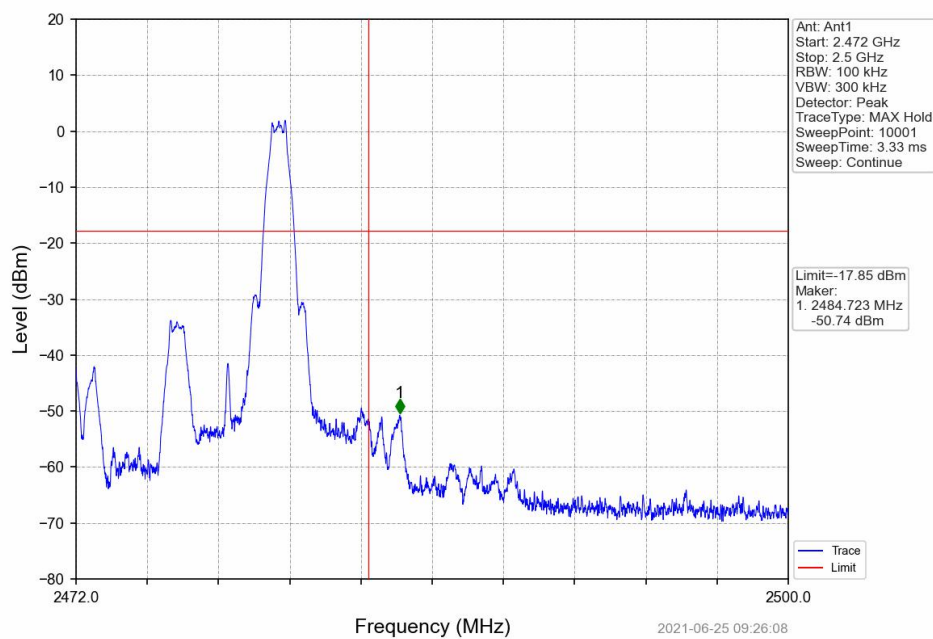
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1M_MCH_2440MHz_DataRate= Ant1_NTNV



1M_HCH_2480MHz_DataRate= Ant1_NTNV

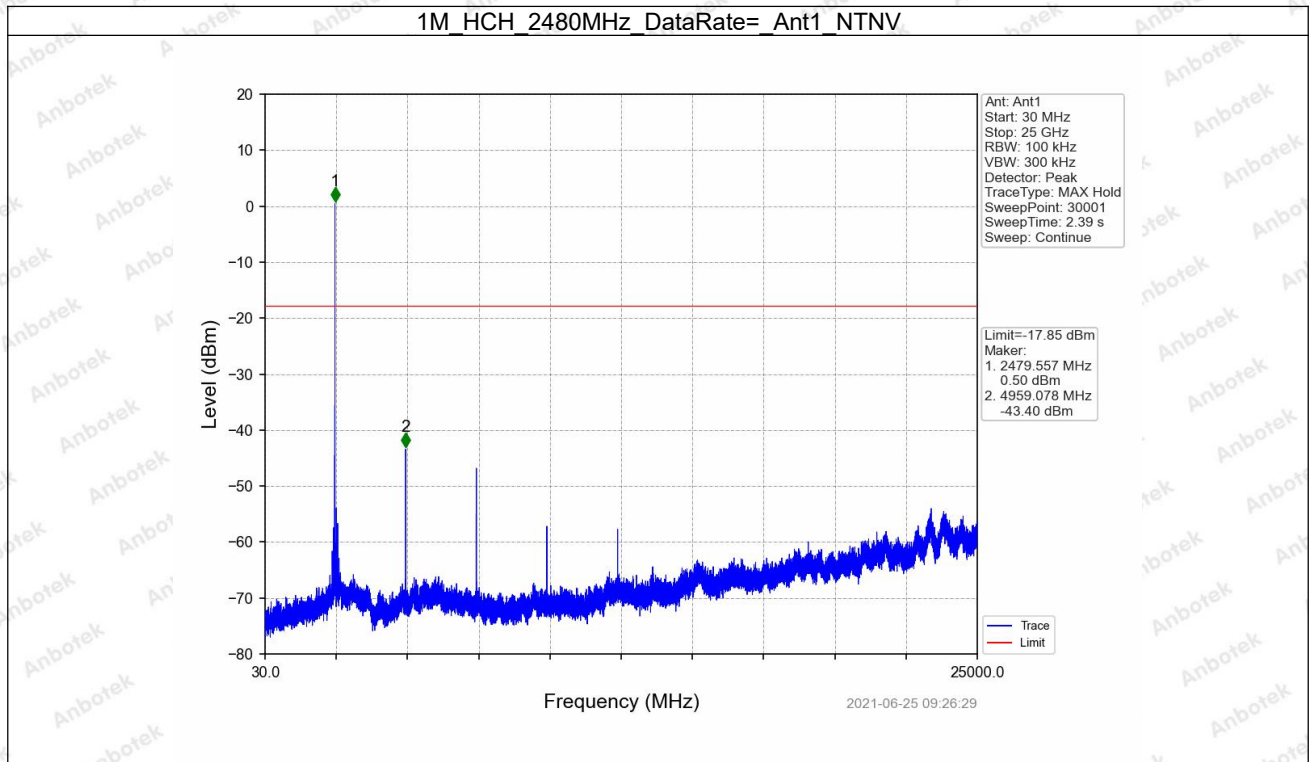


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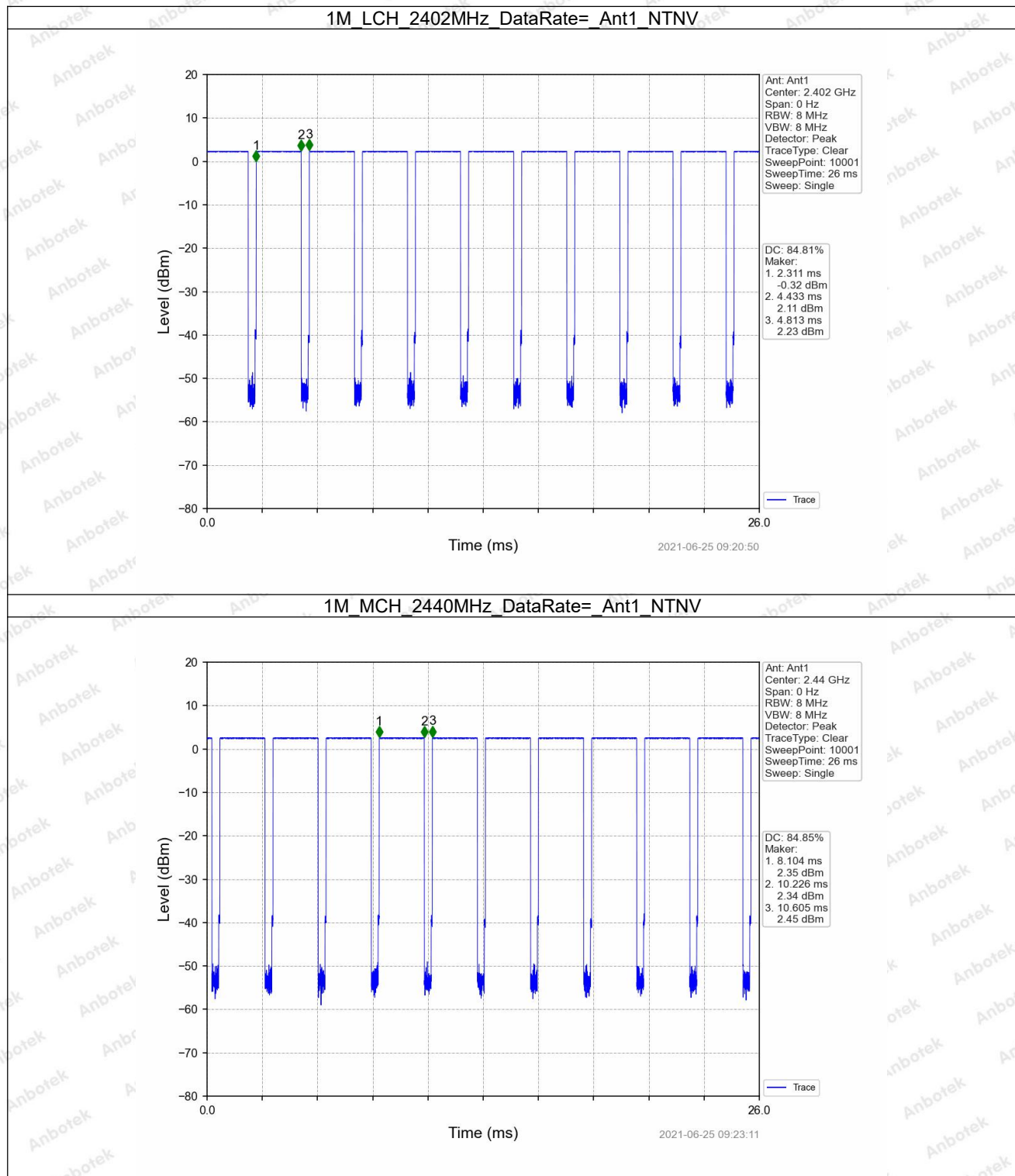
8. Duty Cycle

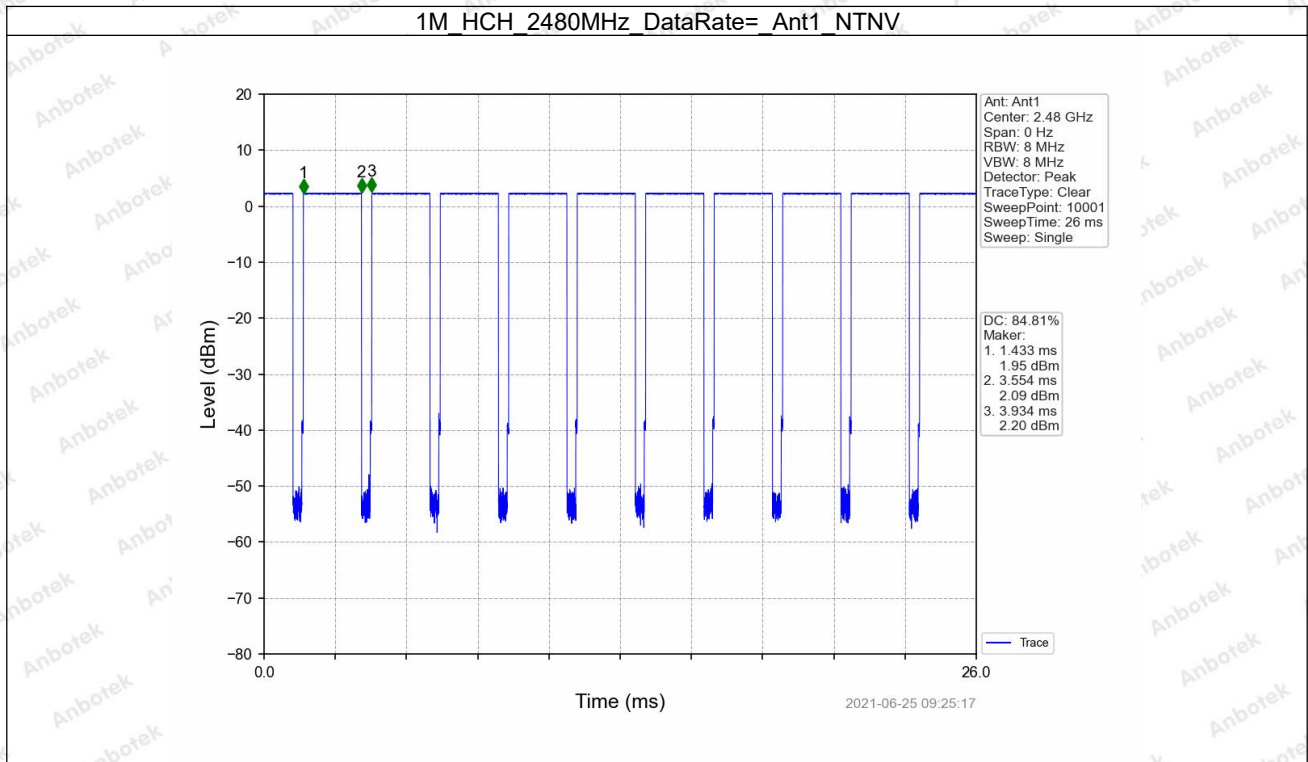
8.1 Ant1

8.1.1 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	2.12	2.50	84.81	0.72	0.10
		2440	2.12	2.50	84.85	0.71	0.10
		2480	2.12	2.50	84.81	0.72	0.10
Note1: Only for Report Use							

8.1.2 Test Graph



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9. Maximum Power Spectral Density

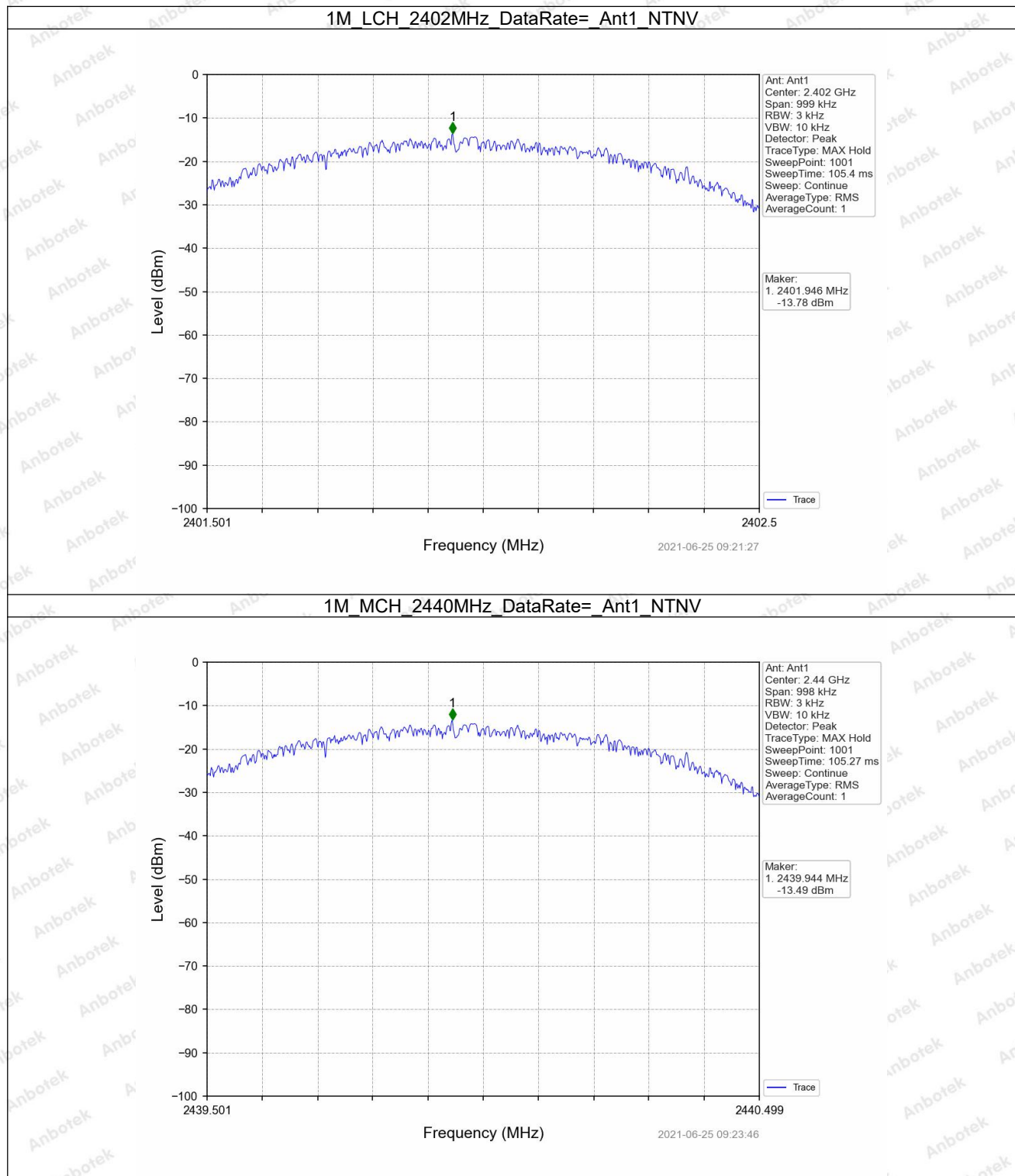
9.1 PSD

9.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
			Ant1		
1M	SISO	2402	-13.78	<=8	Pass
		2440	-13.49	<=8	Pass
		2480	-13.65	<=8	Pass

Note1: Antenna Gain: -1.00dBi;

9.1.2 Test Graph



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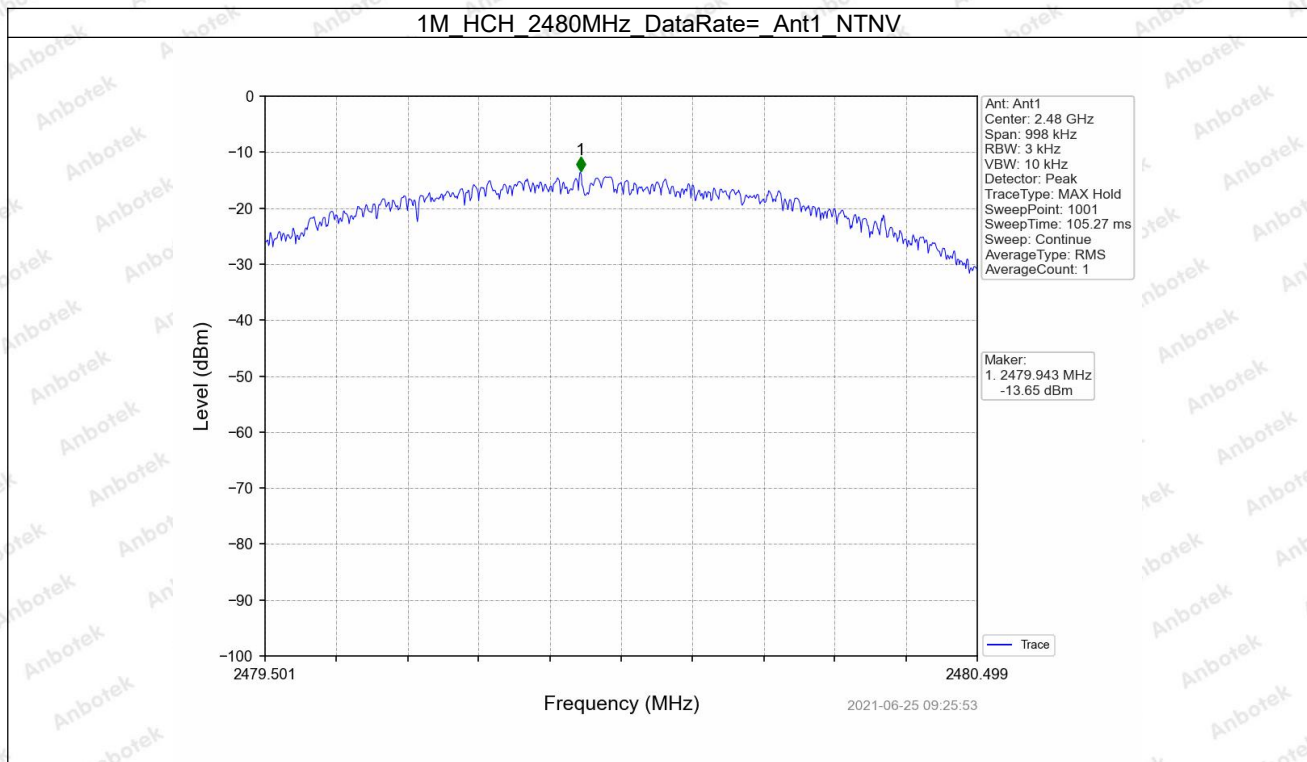
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