

Appendix Test Data

Project No.:	18220WC10129802	Test Date:	2021.6.23
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	23.3°C	Relative Humidity:	57 %
Pressure:	1012 hPa		

1. Duty Cycle

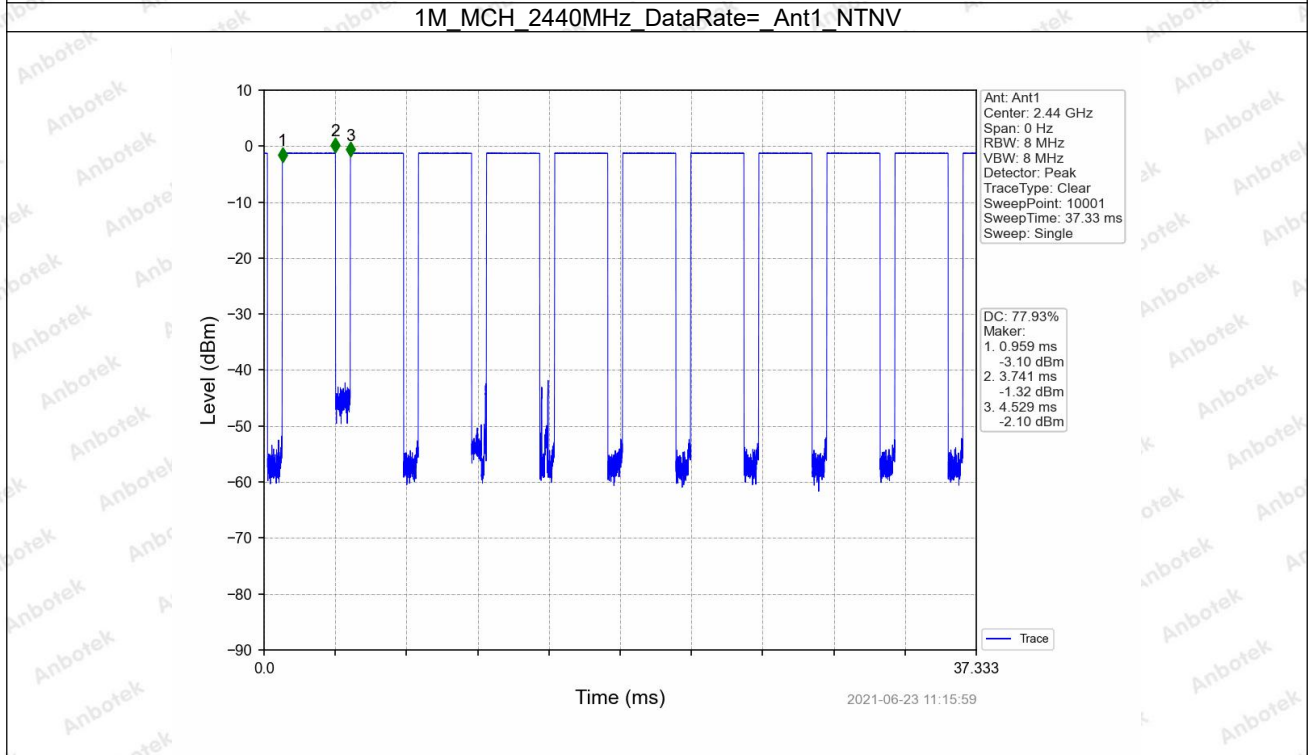
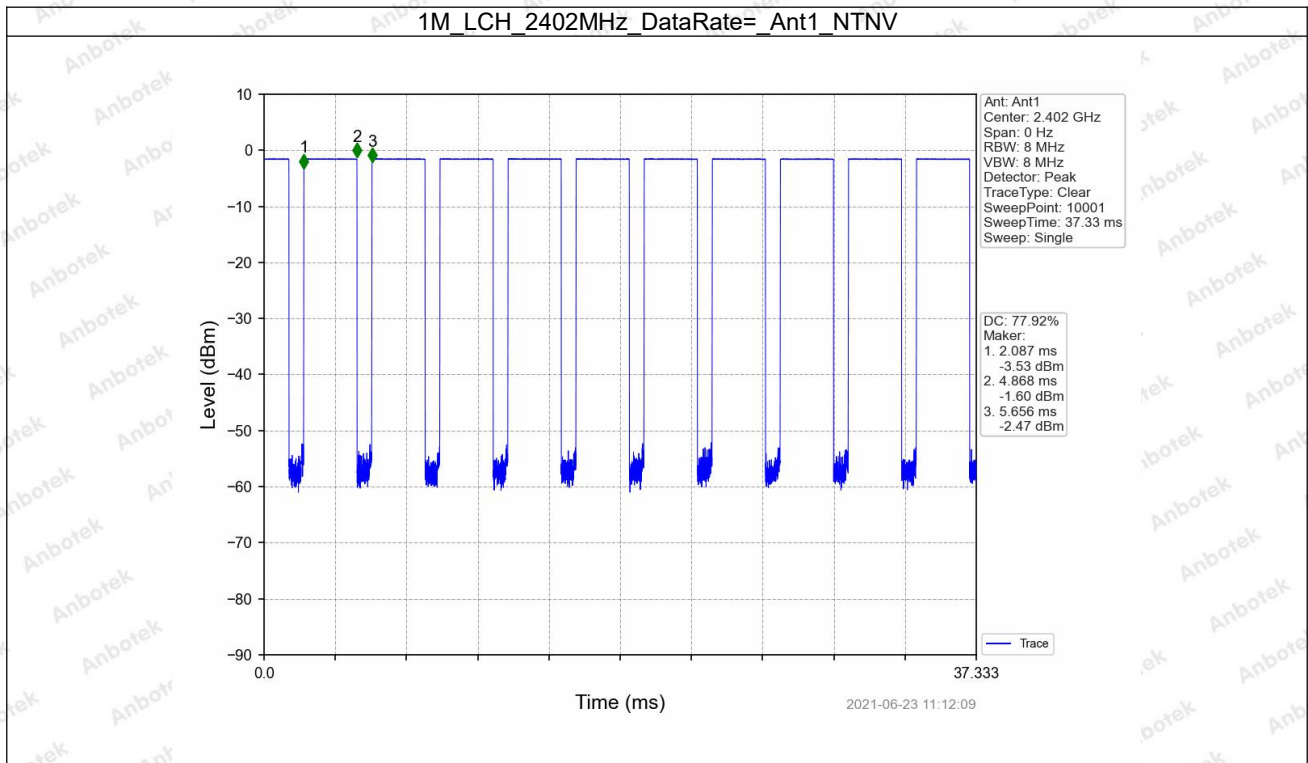
1.1 Ant1

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	2.78	3.57	77.92	1.08	0.10
		2440	2.78	3.57	77.93	1.08	0.10
		2480	2.78	3.57	77.95	1.08	0.10

Note1: Only for Report Use

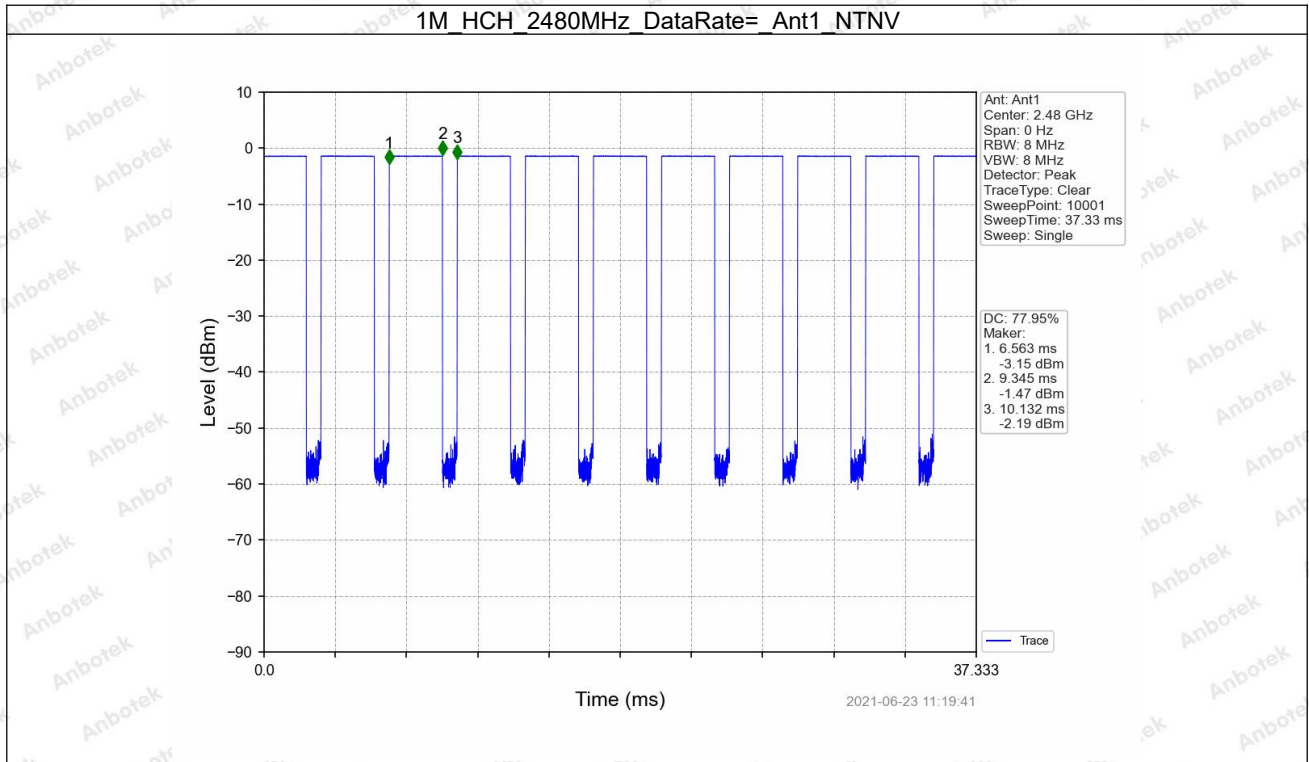
1.1.2 Test Graph



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2. Bandwidth

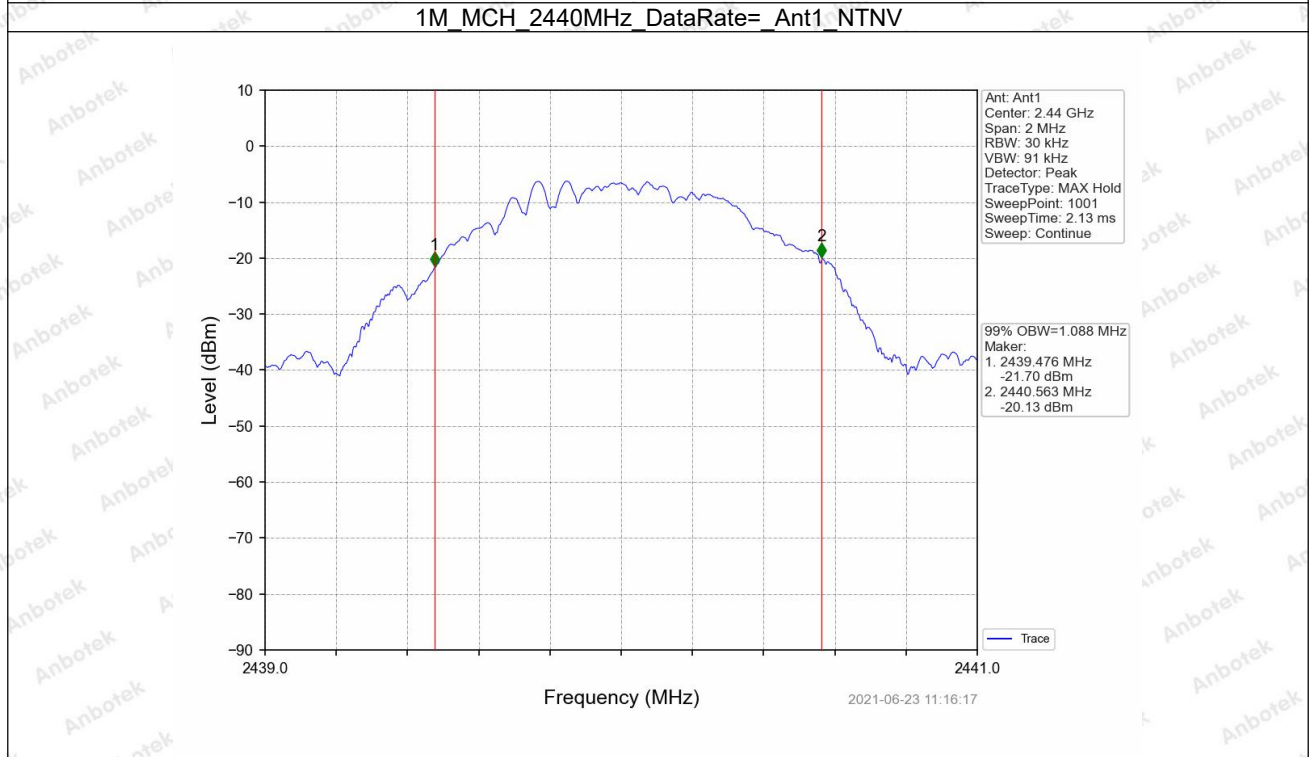
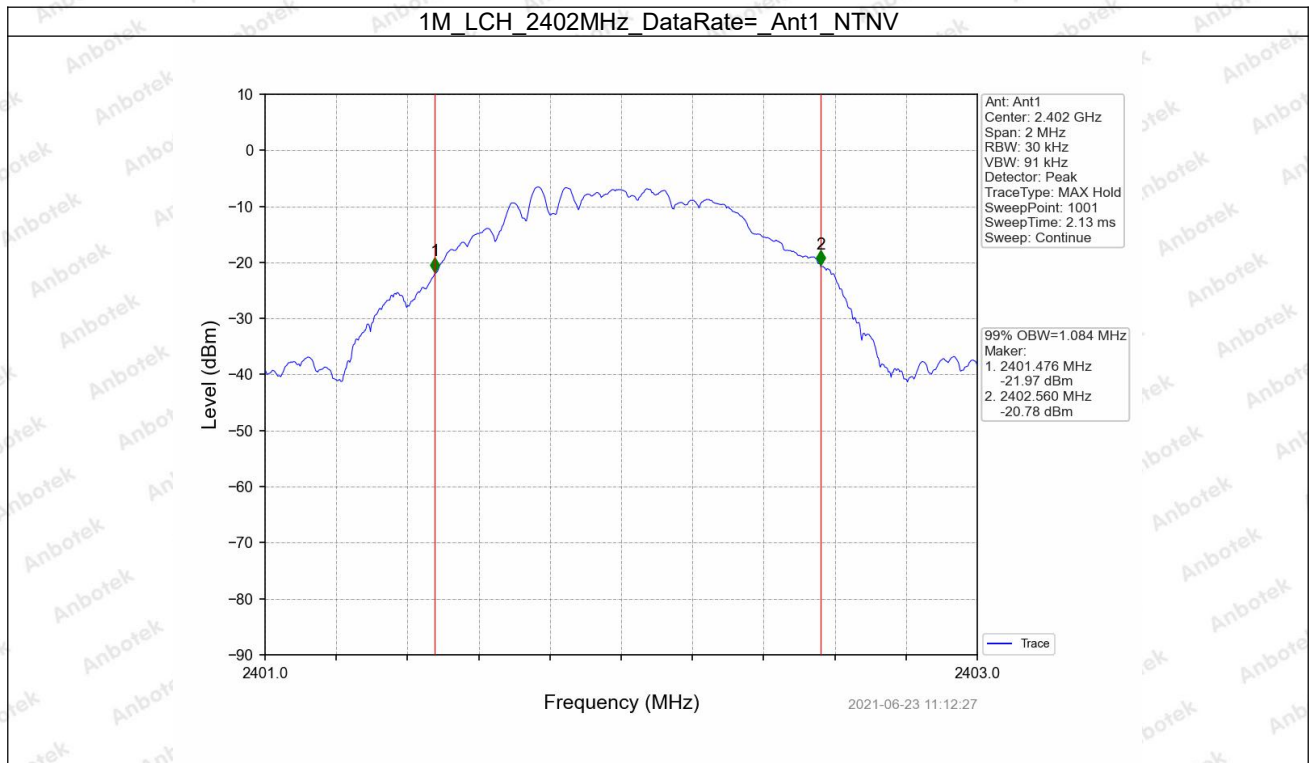
2.1 OBW

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Limit	Verdict
1M	SISO	2402	1	1.08	/	Note1
		2440	1	1.09	/	Note1
		2480	1	1.09	/	Note1

Note1: Only for Report Use

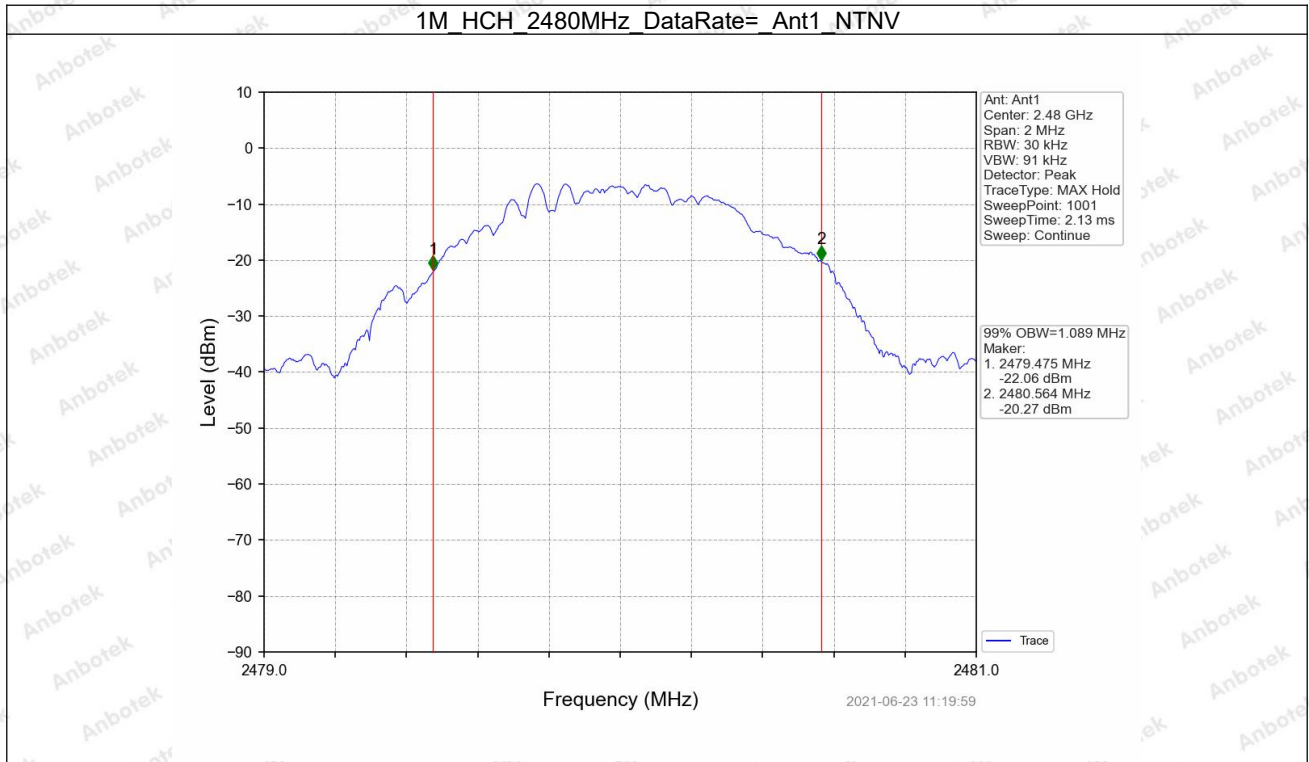
2.1.2 Test Graph



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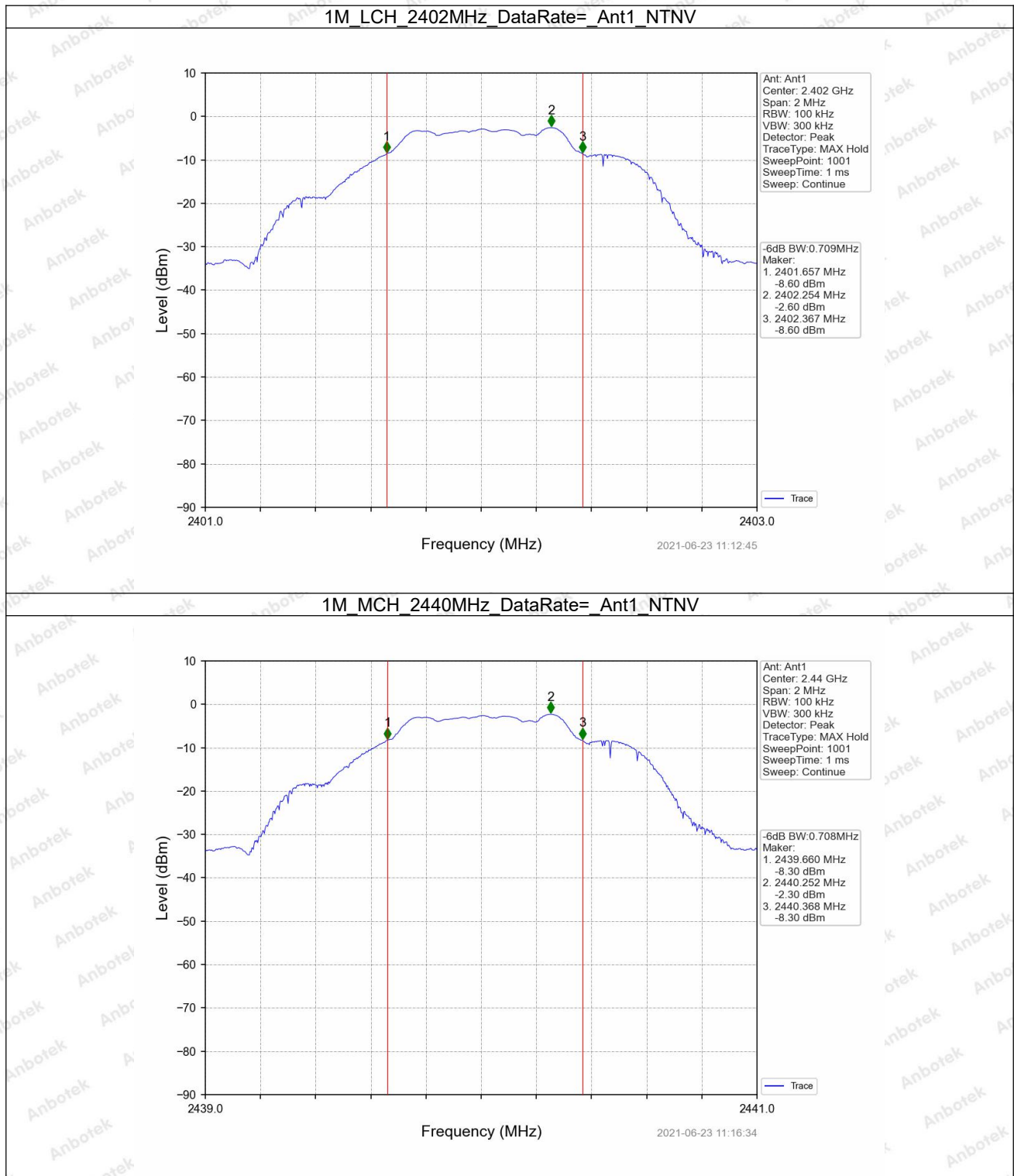
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2.2 6dB BW

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)	Limit	Verdict
1M	SISO	2402	1	0.71	≥ 0.5	Pass
		2440	1	0.71	≥ 0.5	Pass
		2480	1	0.80	≥ 0.5	Pass

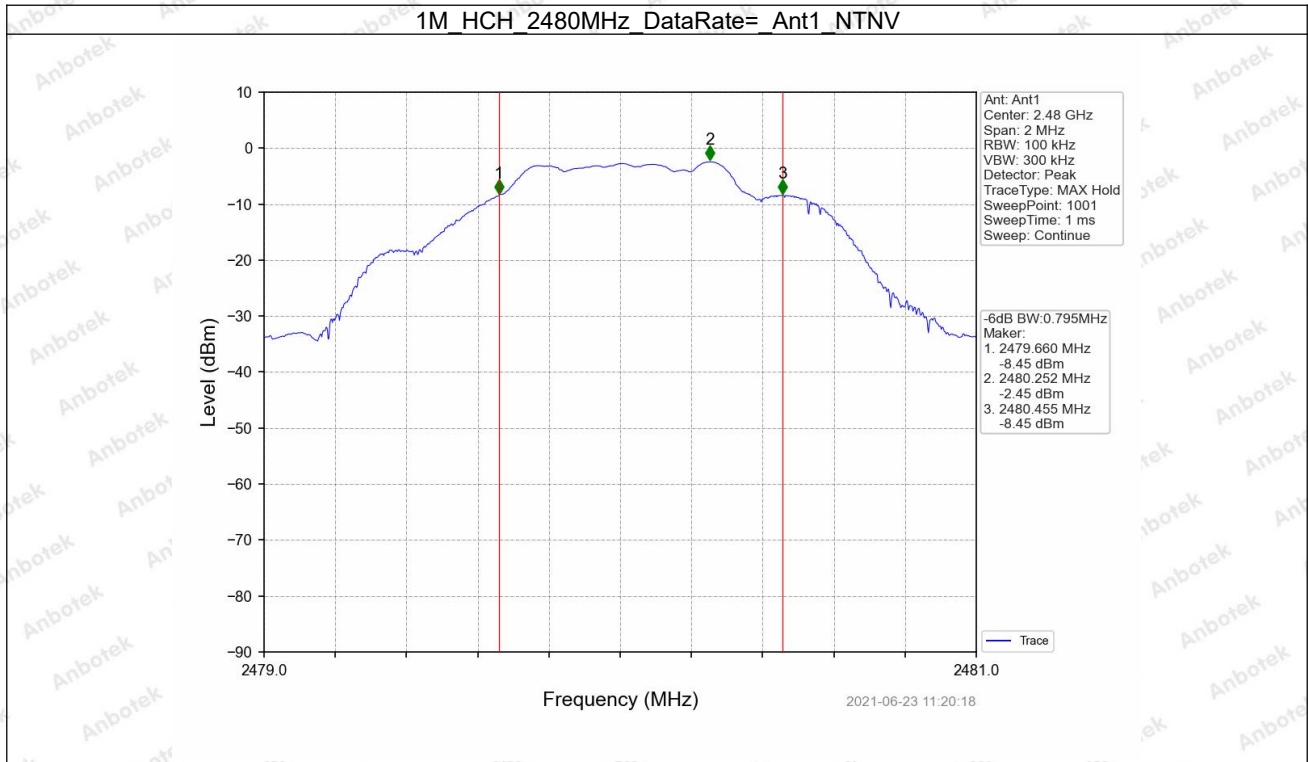
2.2.2 Test Graph



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3. Maximum Conducted Output Power

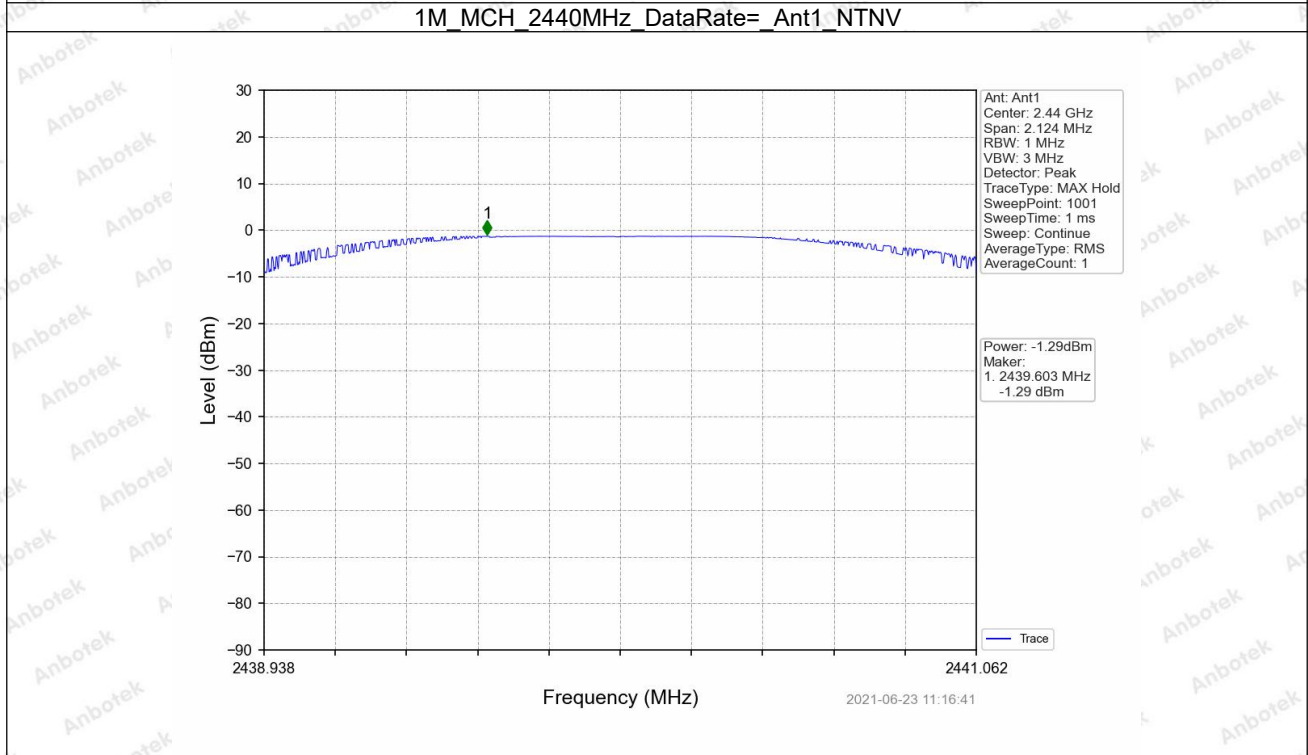
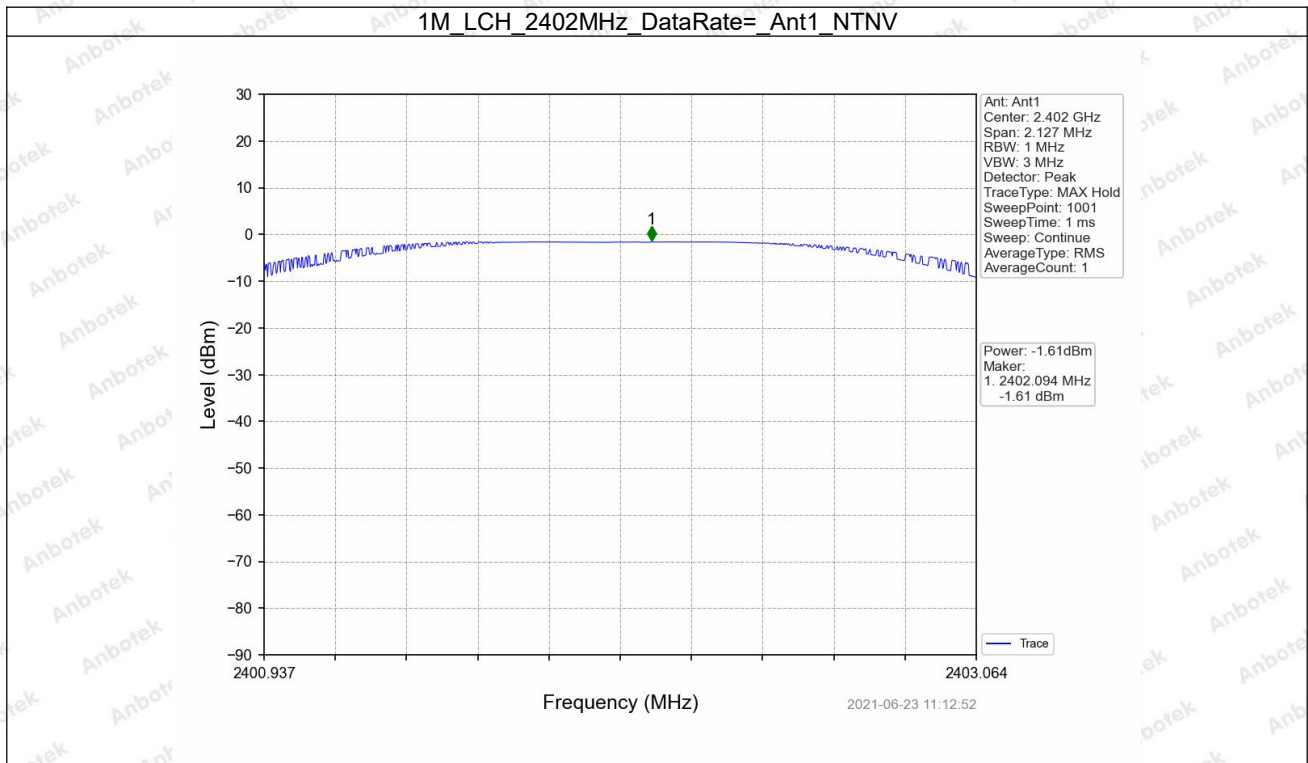
3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Measured Peak Output Power (dBm)	Limit (dBm)	Verdict
			Ant1		
1M	SISO	2402	-1.61	<=30	Pass
		2440	-1.29	<=30	Pass
		2480	-1.47	<=30	Pass

Note1: Antenna Gain: 1: 2.08dBi;

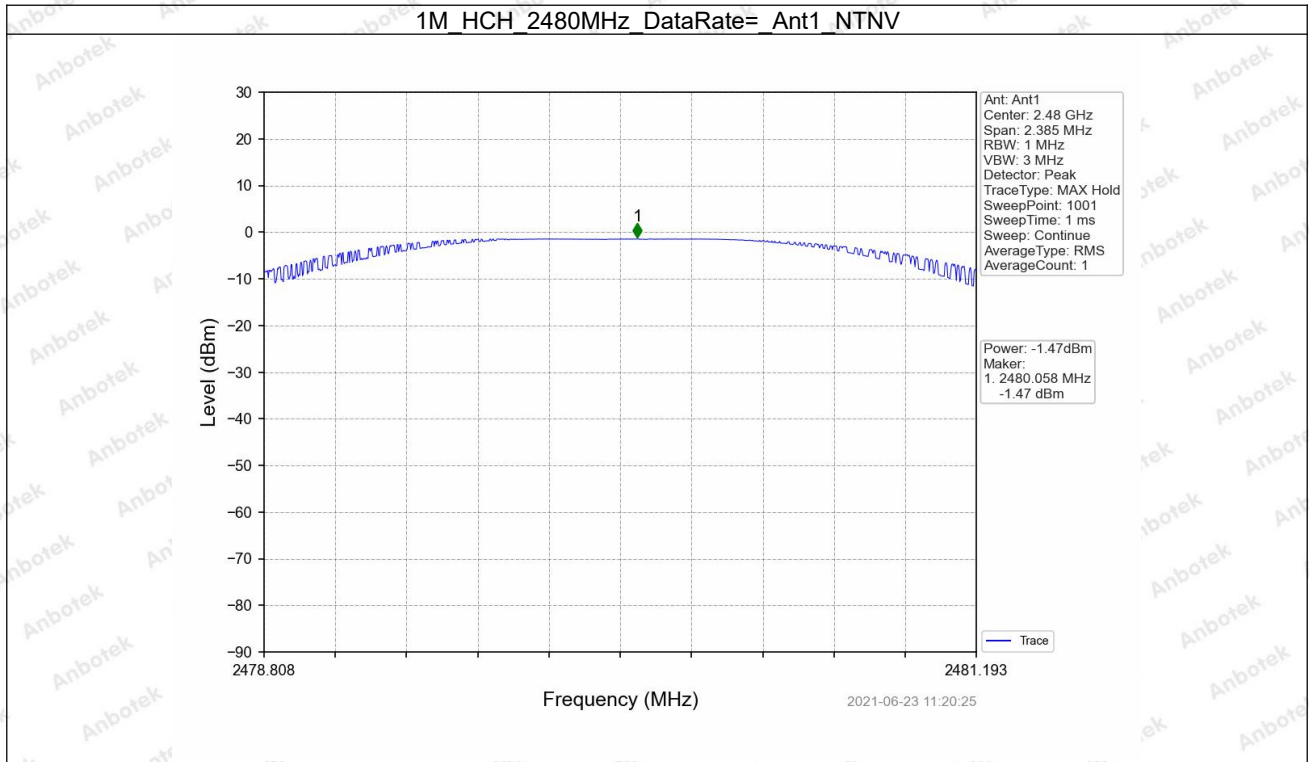
3.1.2 Test Graph



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4. Maximum Power Spectral Density

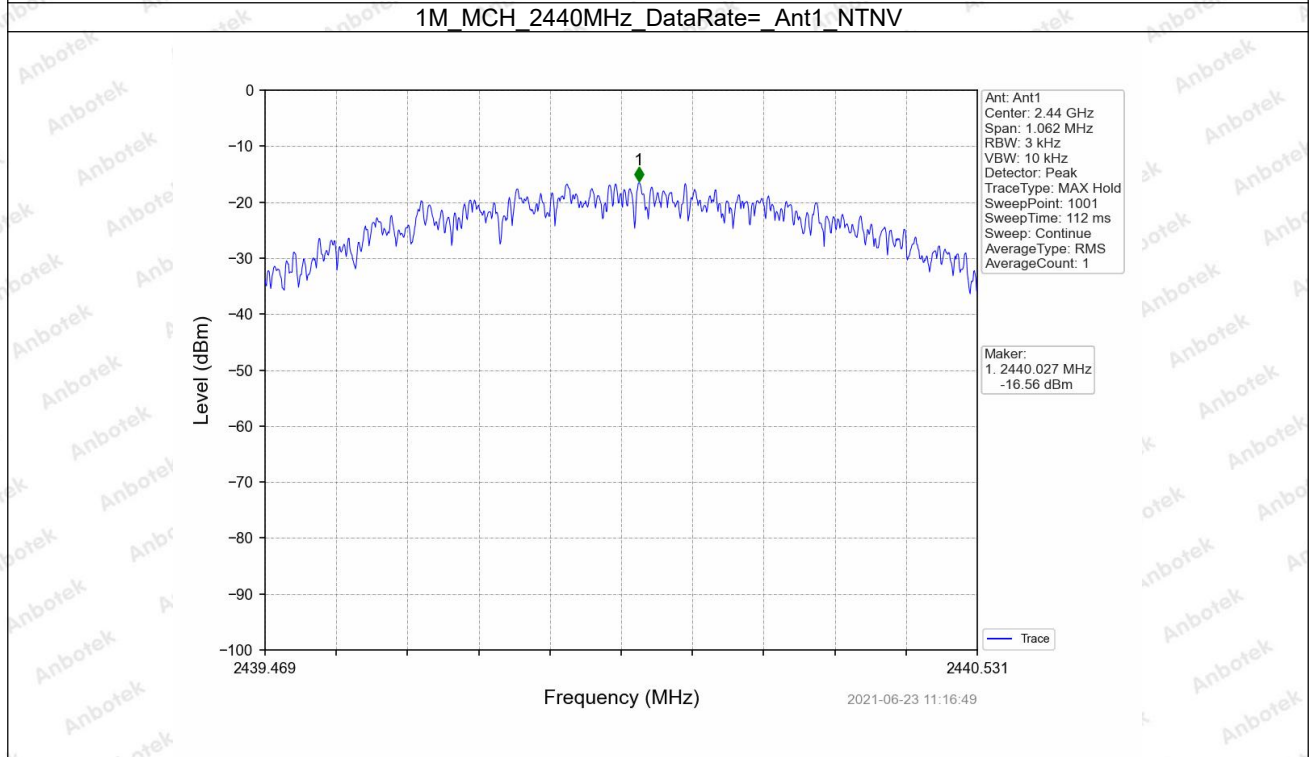
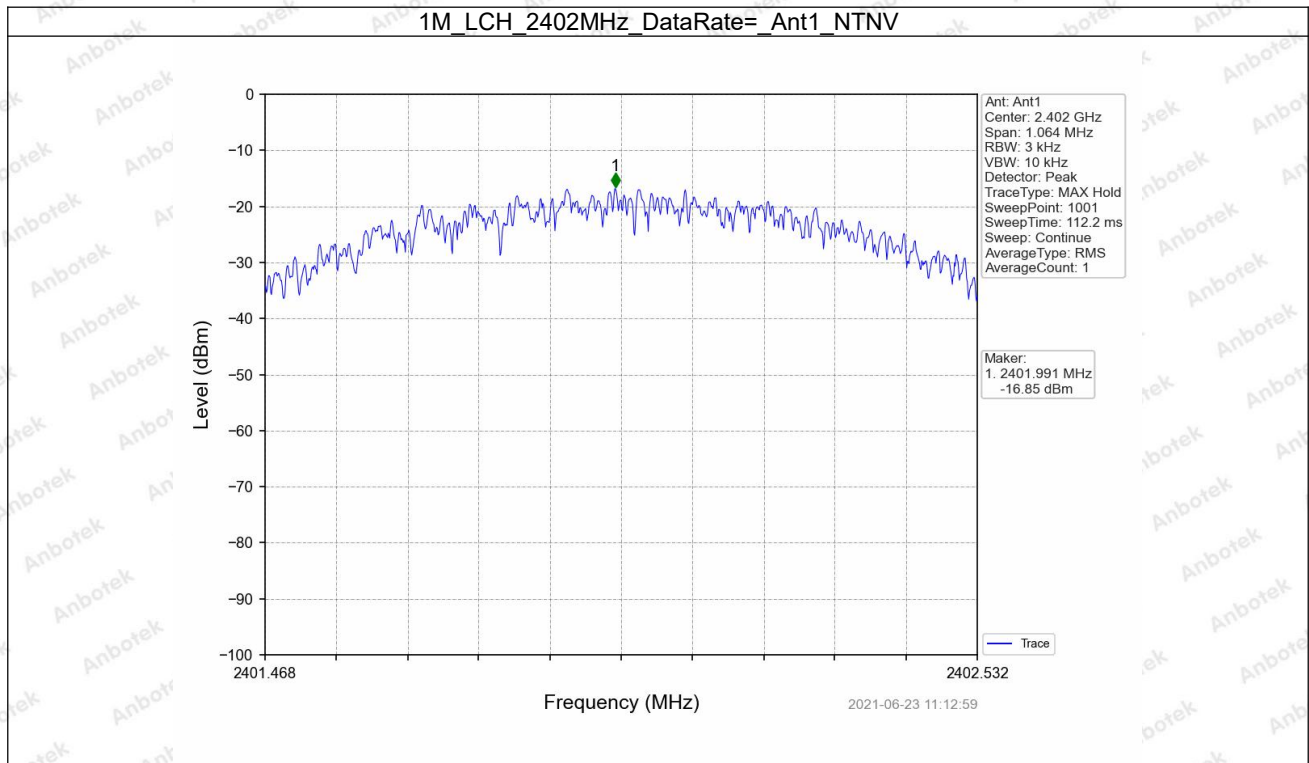
4.1 PSD

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
			Ant1		
1M	SISO	2402	-16.85	<=8	Pass
		2440	-16.56	<=8	Pass
		2480	-16.51	<=8	Pass

Note1: Antenna Gain: 1: 2.08dBi;

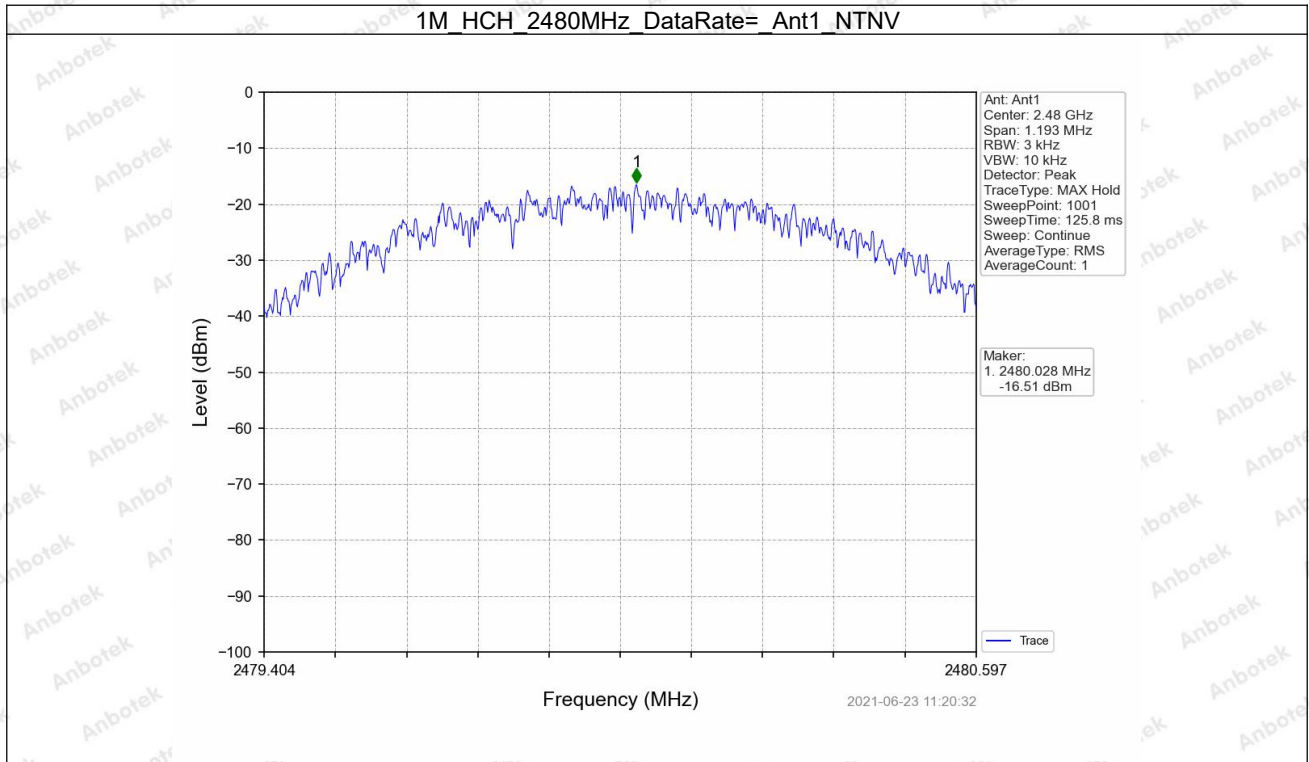
4.1.2 Test Graph



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5. Unwanted Emissions In Non-restricted Frequency Bands

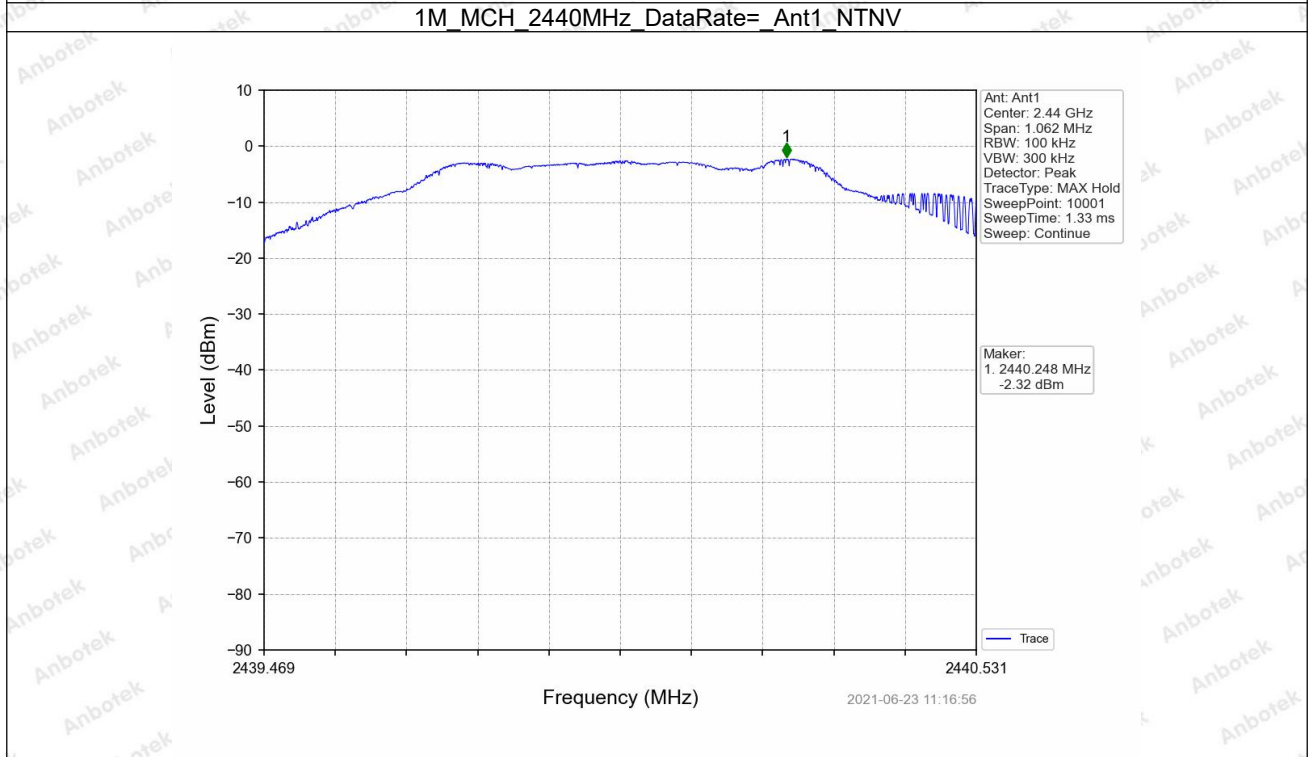
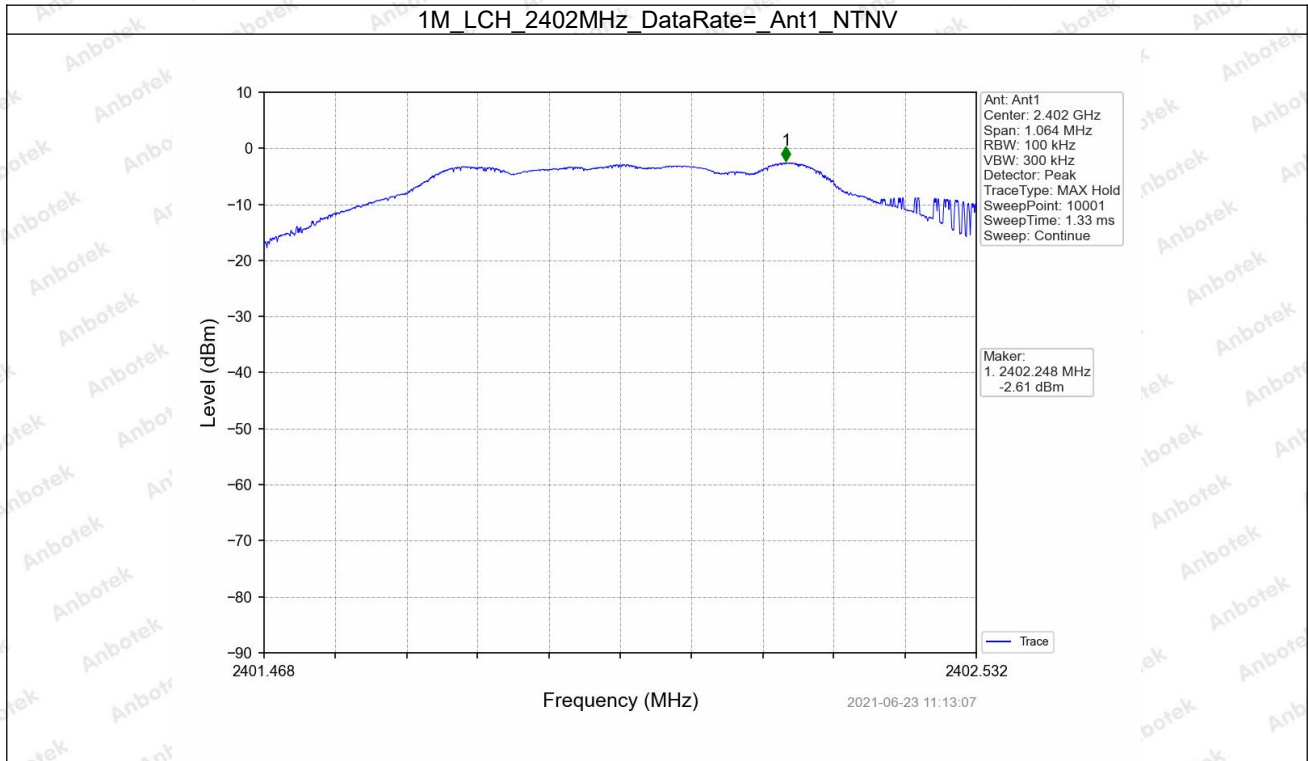
5.1 Ref

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	-2.61	/	/
		2440	1	-2.32	/	/
		2480	1	-2.45	/	/

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

5.1.2 Test Graph

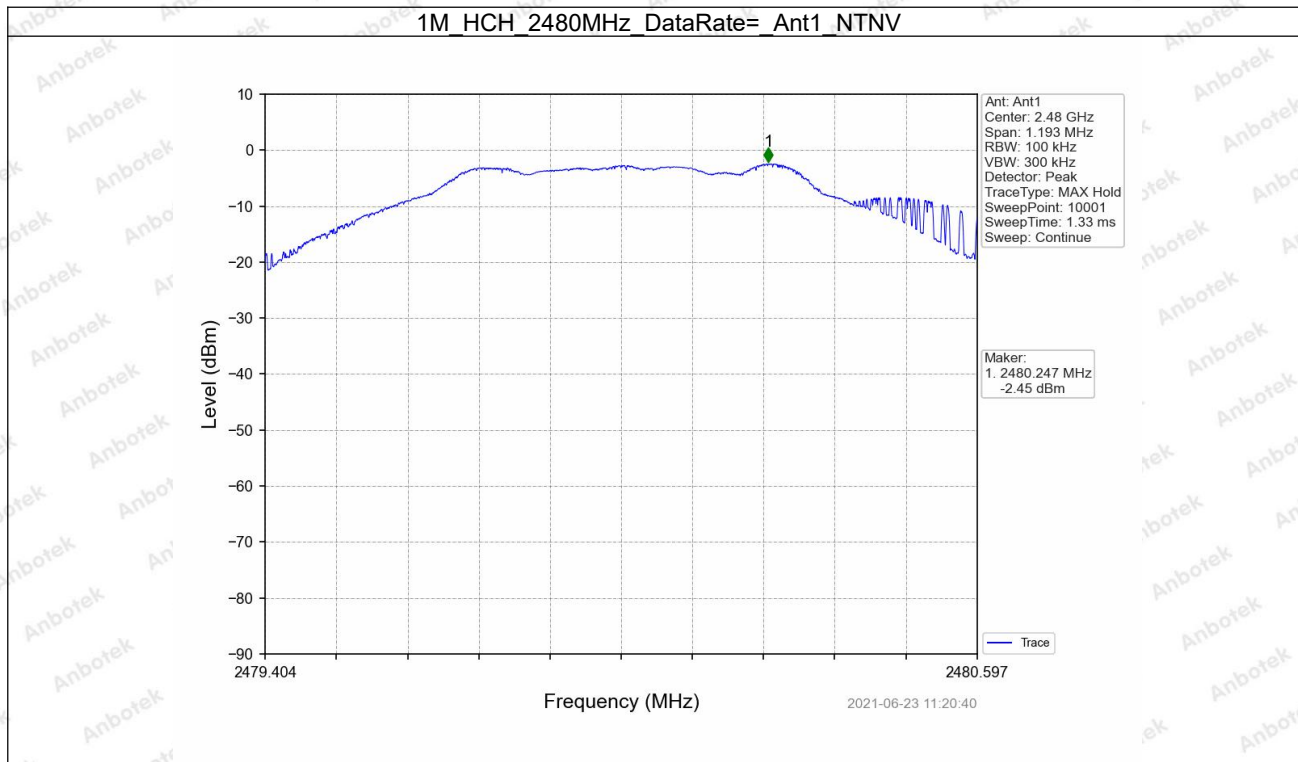


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5.2 CSE

5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	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						

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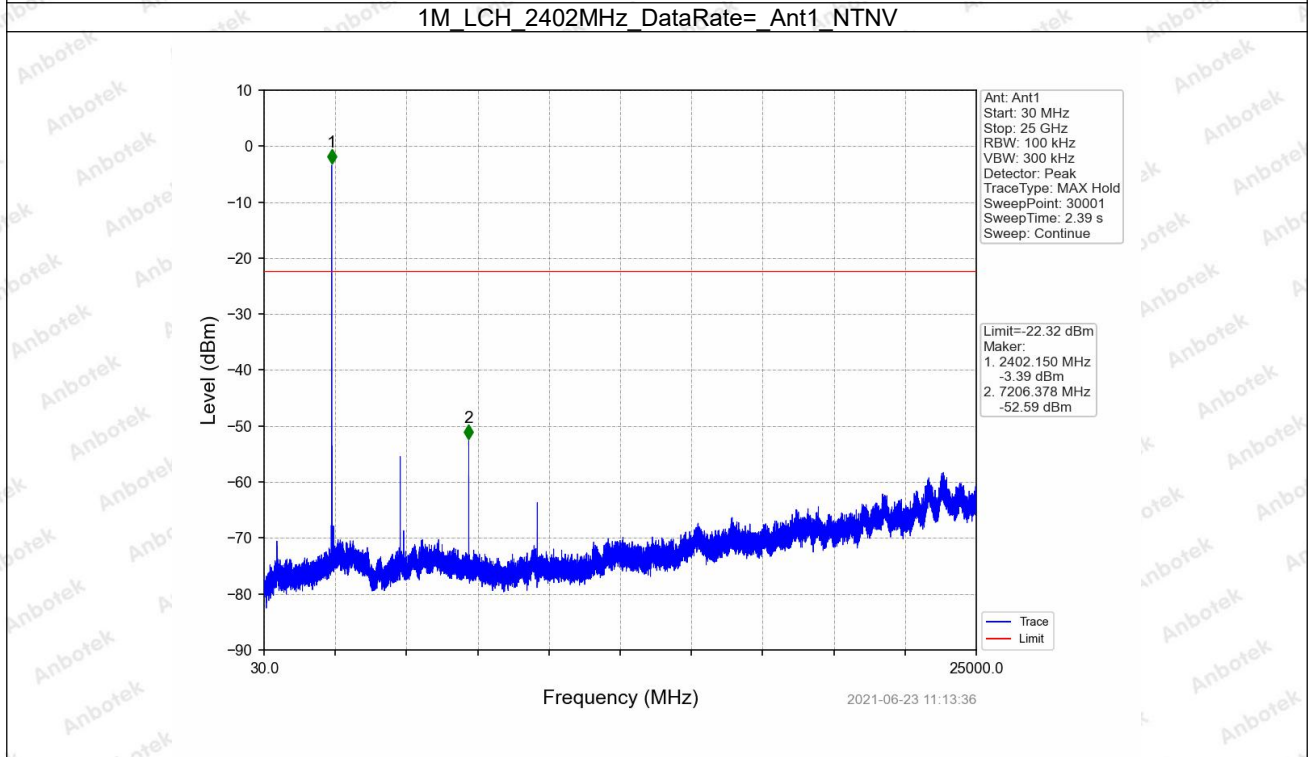
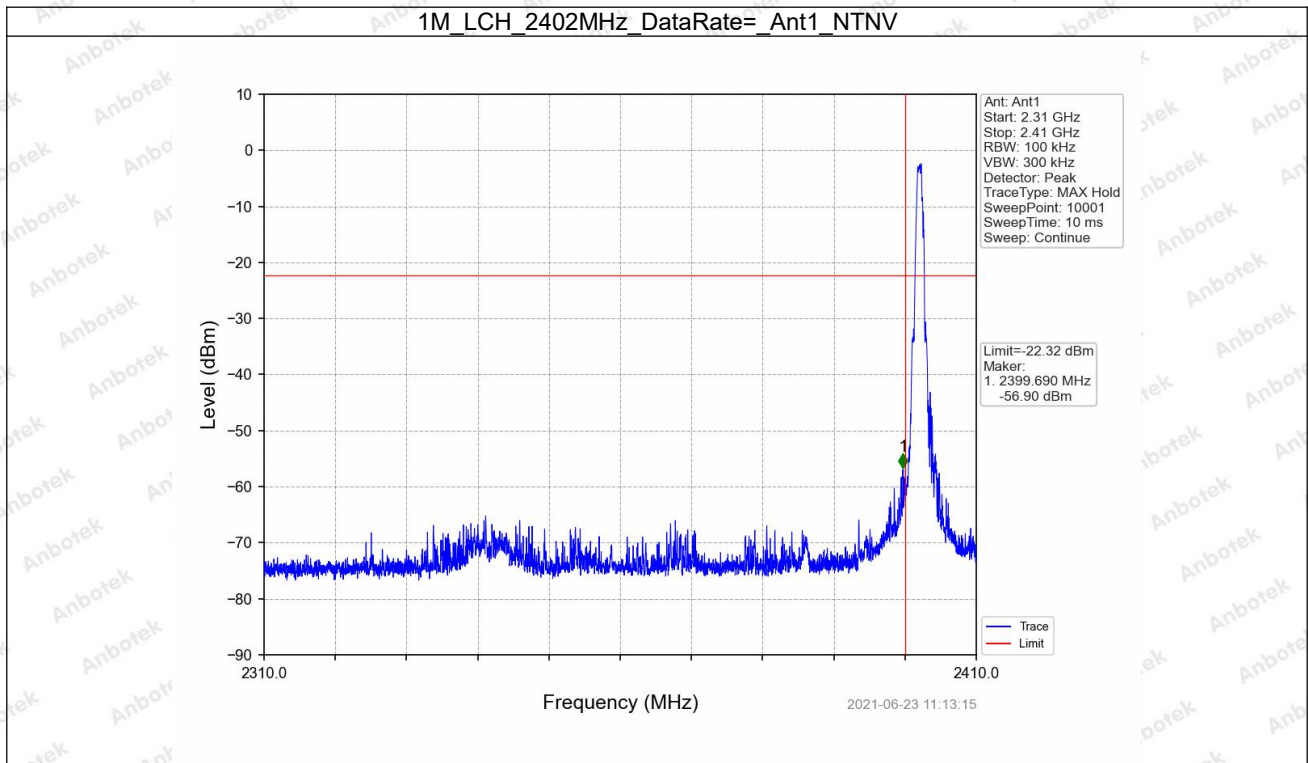


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5.2.2 Test Graph

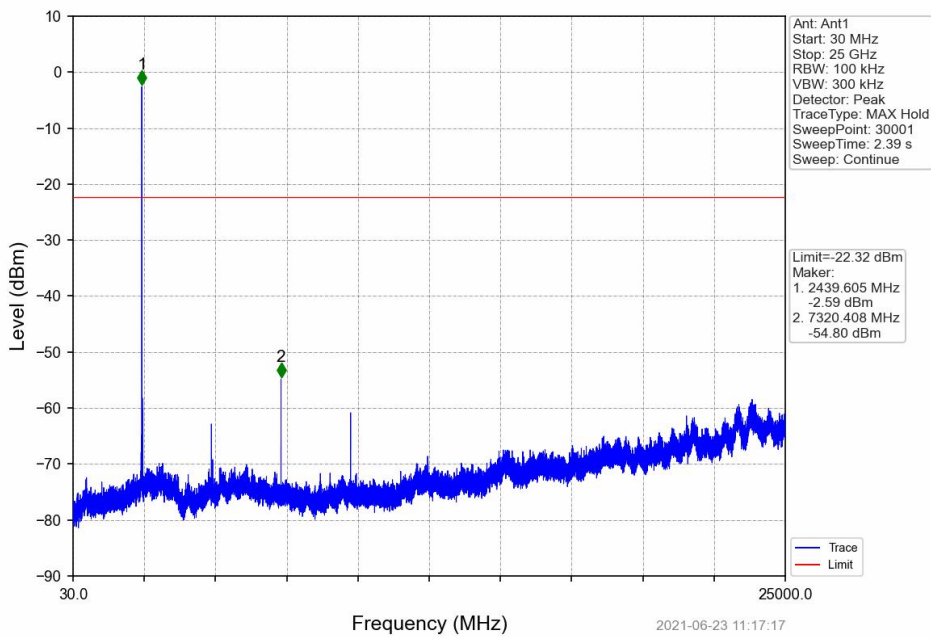


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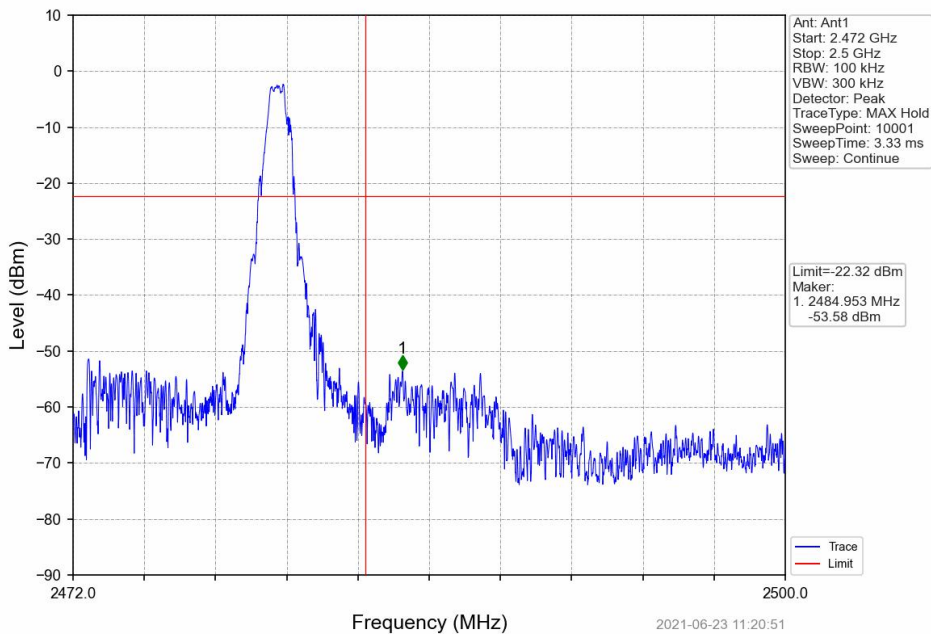
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1M_MCH_2440MHz_DataRate= Ant1_NTNV



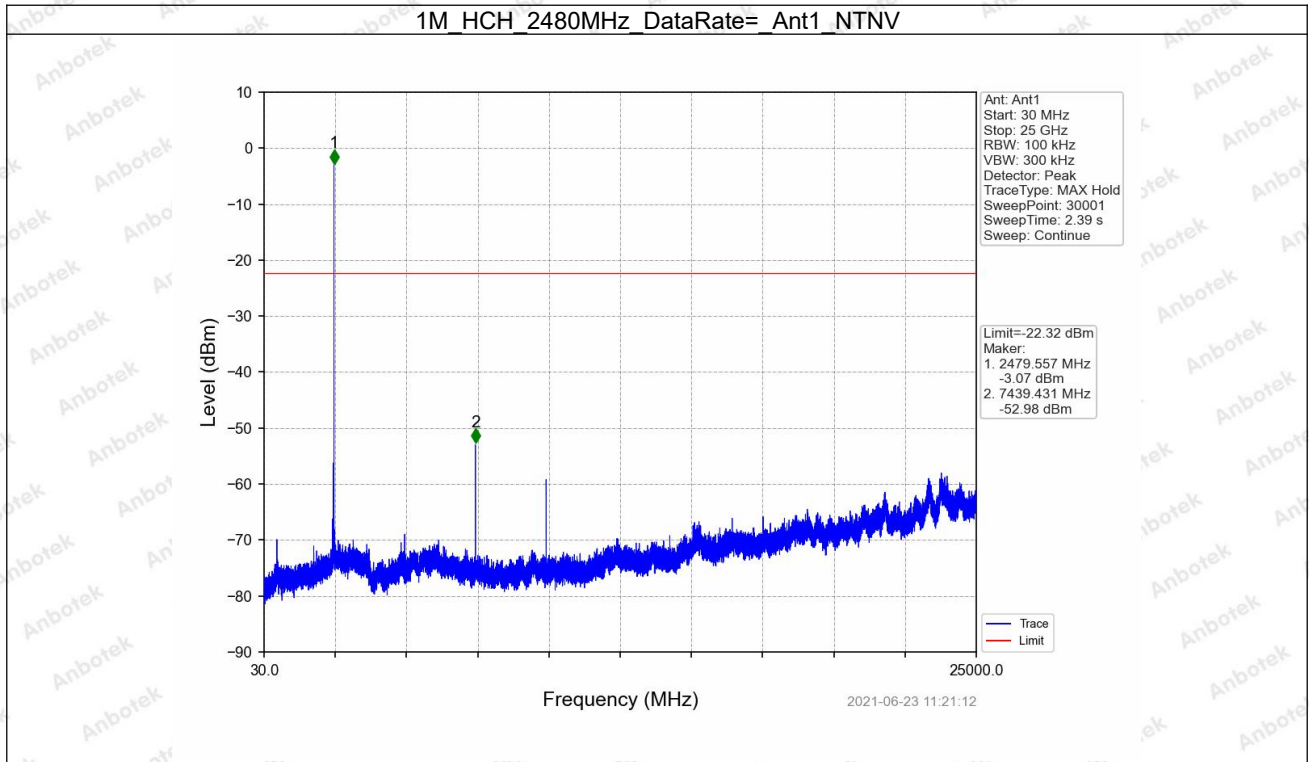
1M_HCH_2480MHz_DataRate= Ant1_NTNV



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