

Appendix Test Data

Project No.:	18220WC10097202	Test Date:	2021.6.4
Test Engineer:	<i>Jomy He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	57 %
Pressure:	1012 hPa		

1. Bandwidth

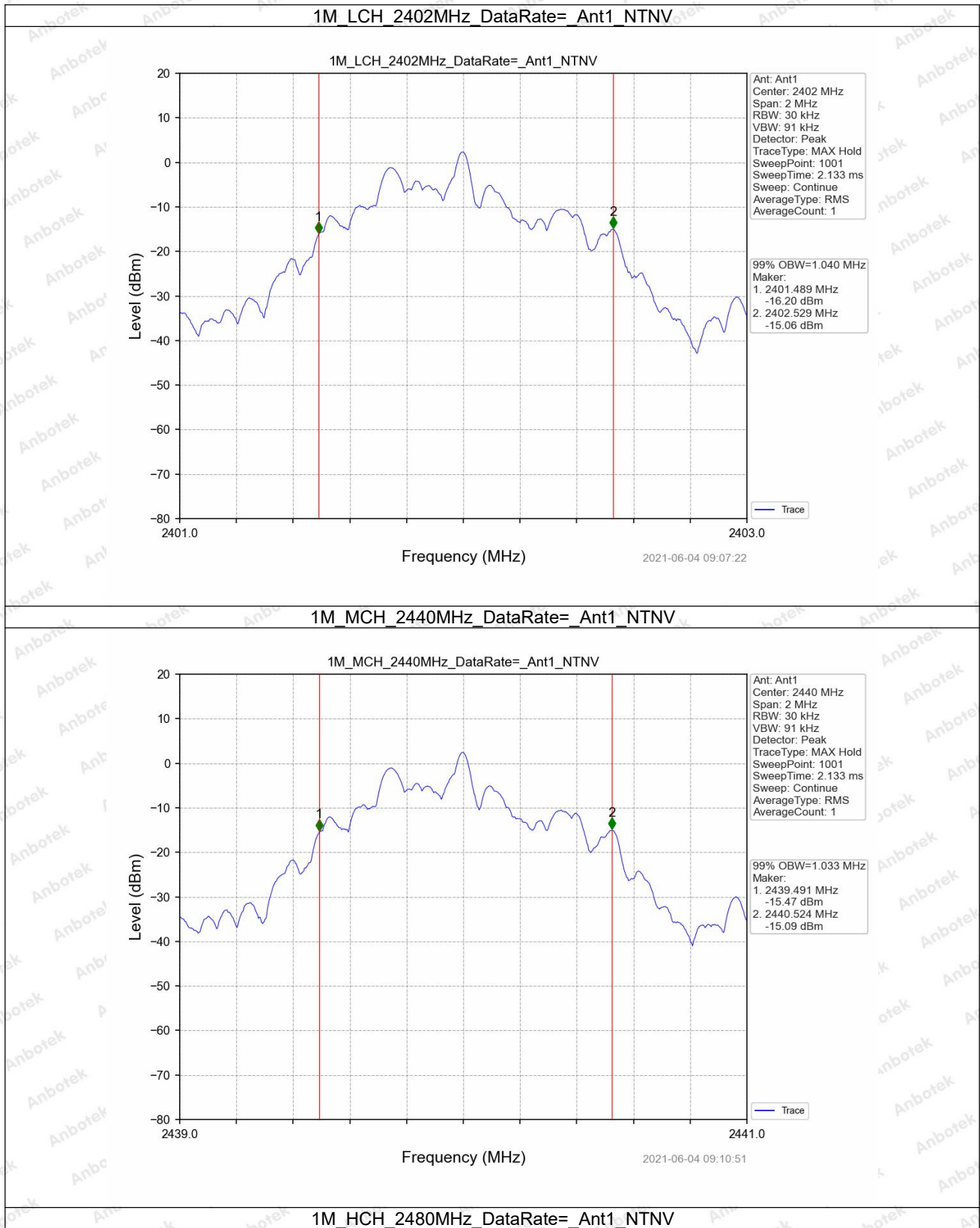
1.1 OBW

1.1.1 Test Result

Mode	TX Type	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Limit (MHz)	Verdict
			Ant1		
1M	SISO	2402	1.040	/	Note1
		2440	1.033	/	Note1
		2480	1.026	/	Note1

Note1: Only for Report Use

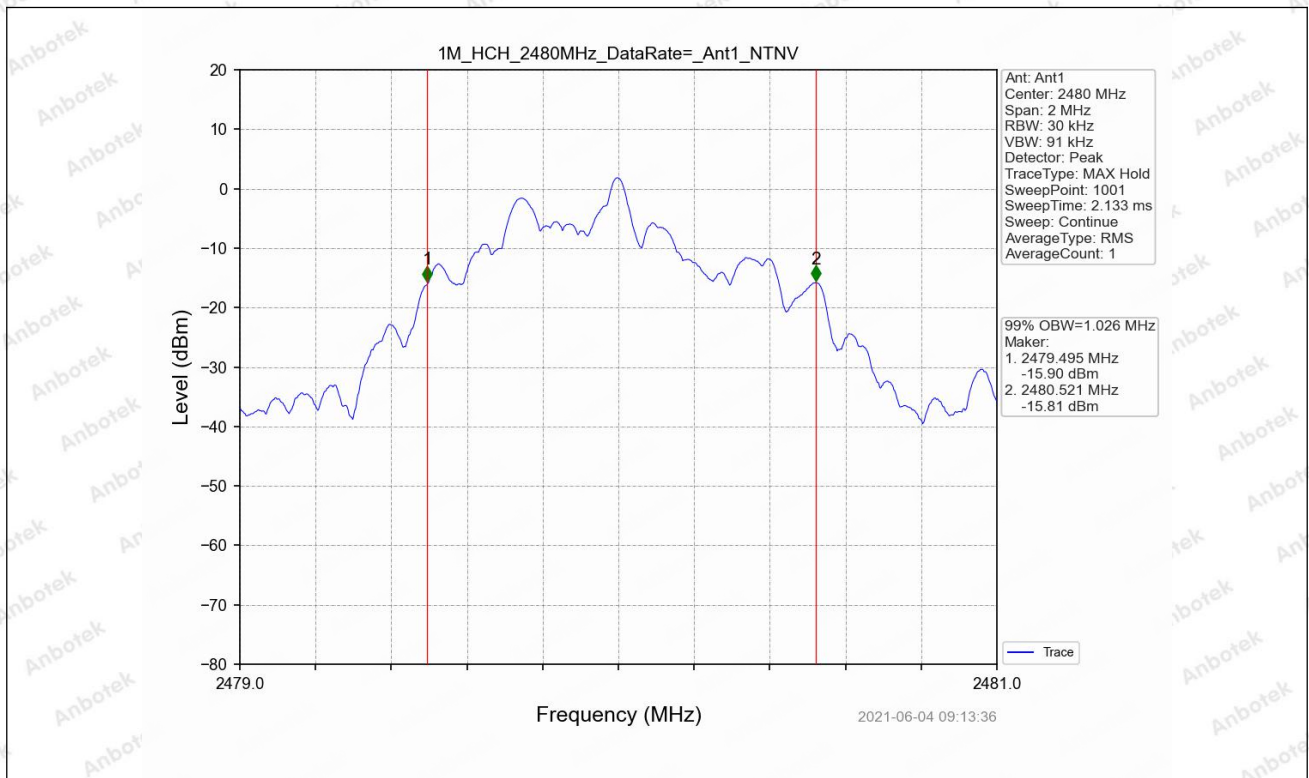
1.1.2 Test Graph



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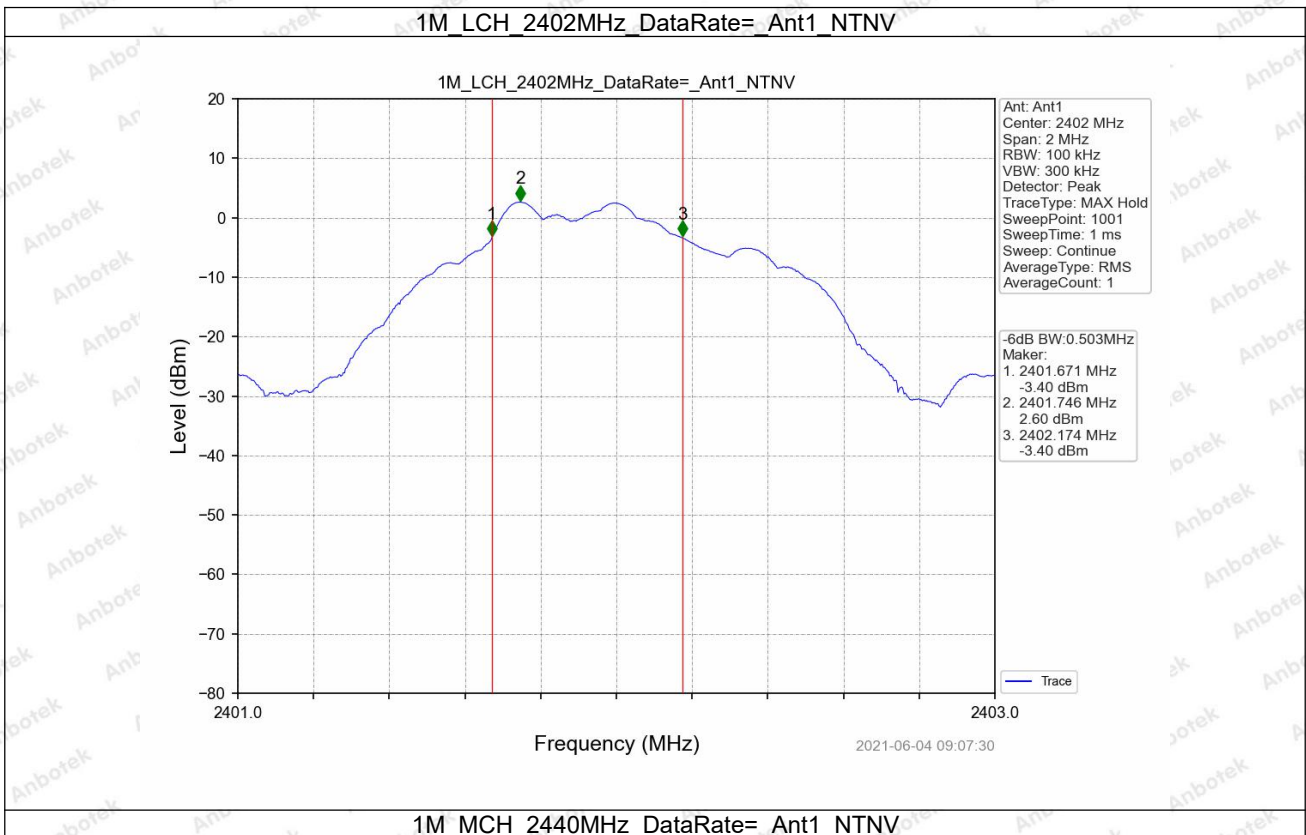
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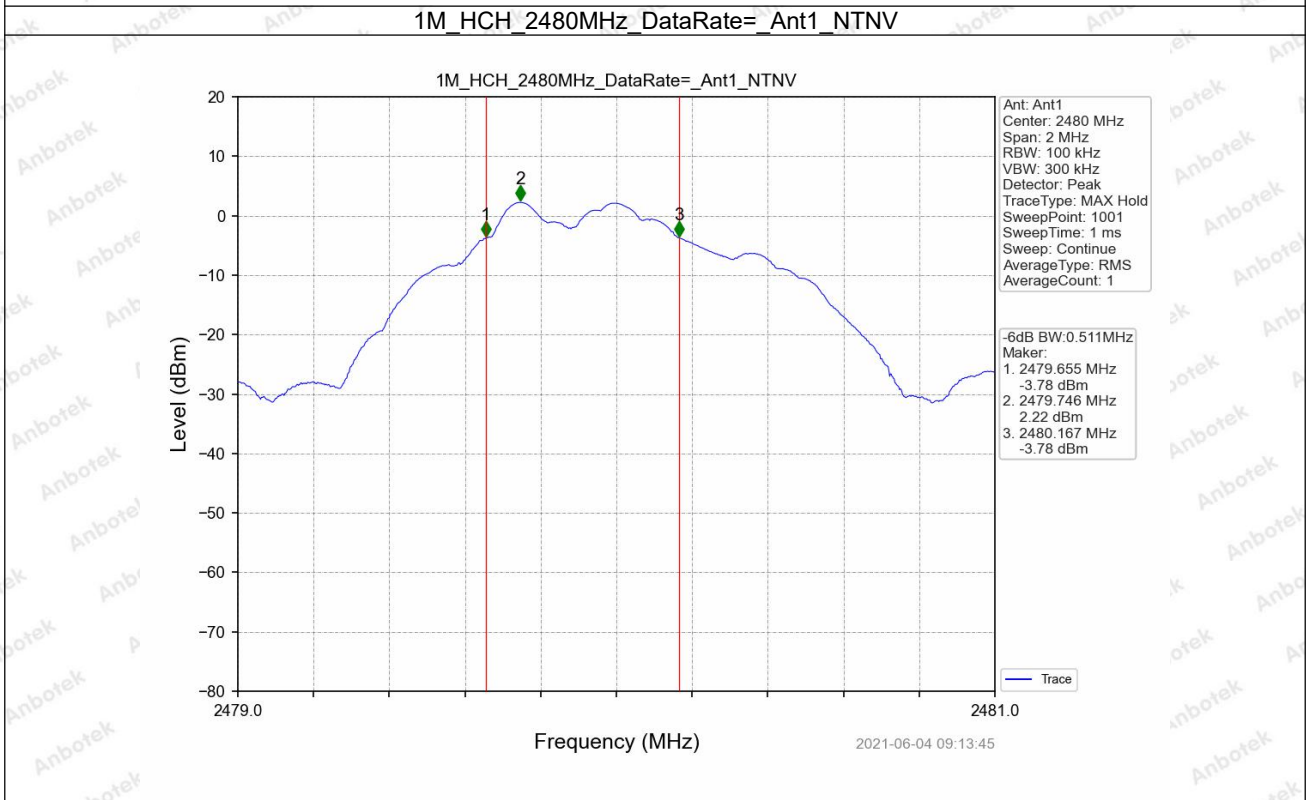
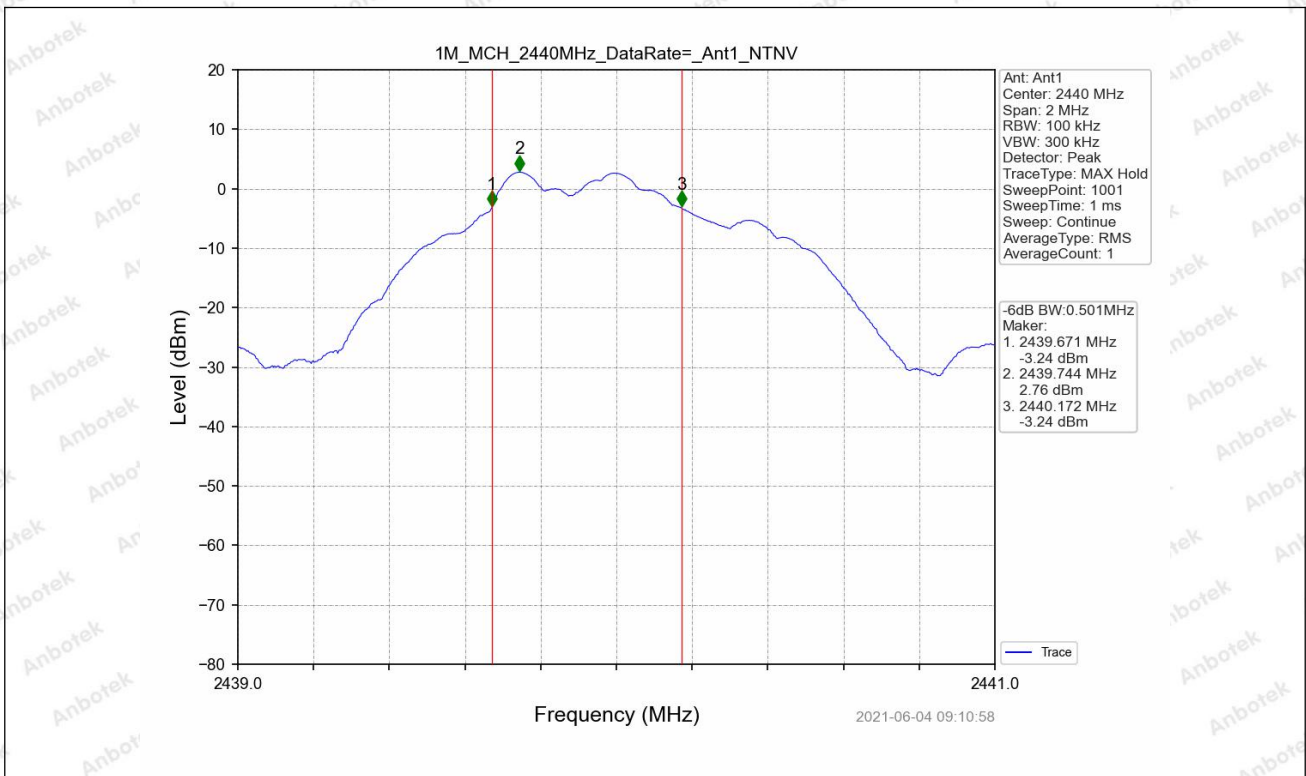
1.2 XDB

1.2.1 Test Result

Mode	TX Type	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Verdict
			Ant1		
1M	SISO	2402	0.503	>=0.5	Pass
		2440	0.501	>=0.5	Pass
		2480	0.511	>=0.5	Pass

1.2.2 Test Graph





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2. Maximum Conducted Output Power

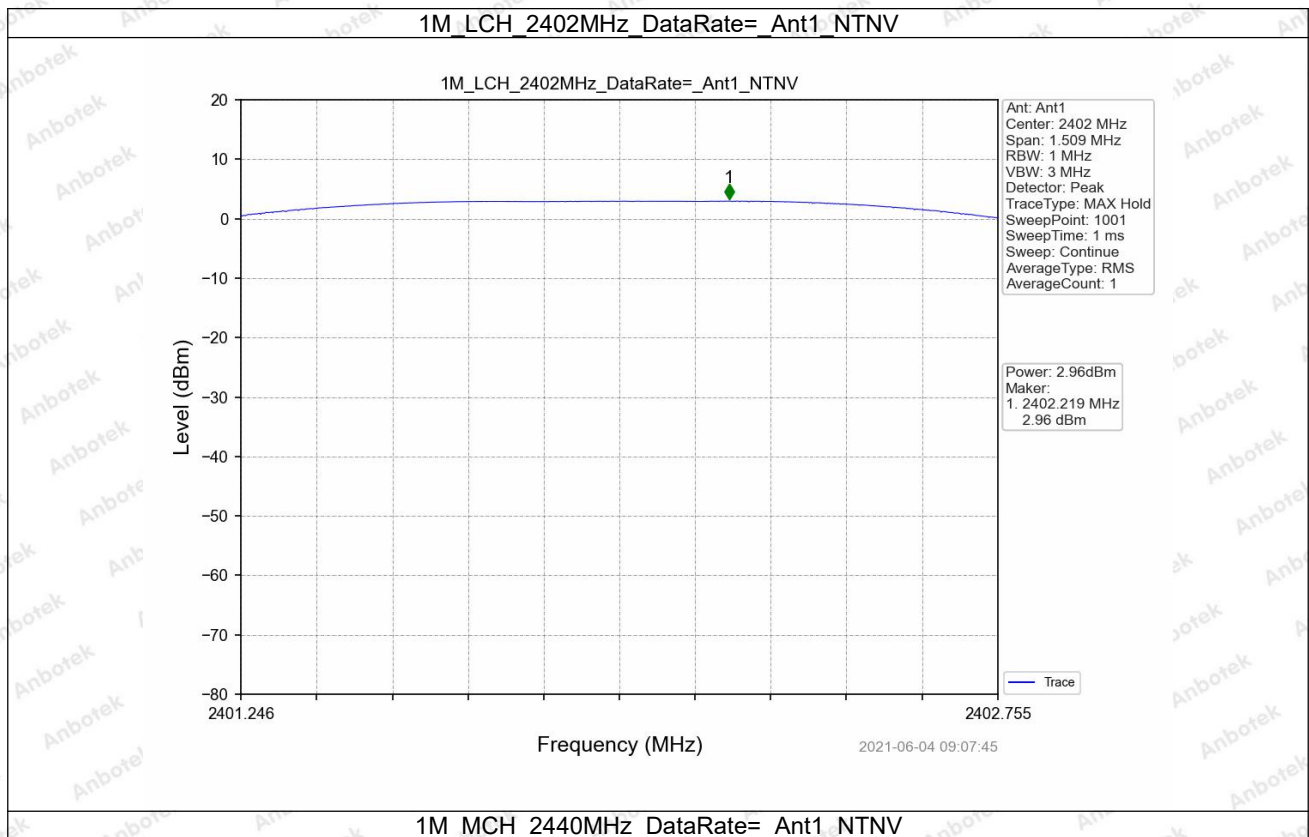
2.1 Power

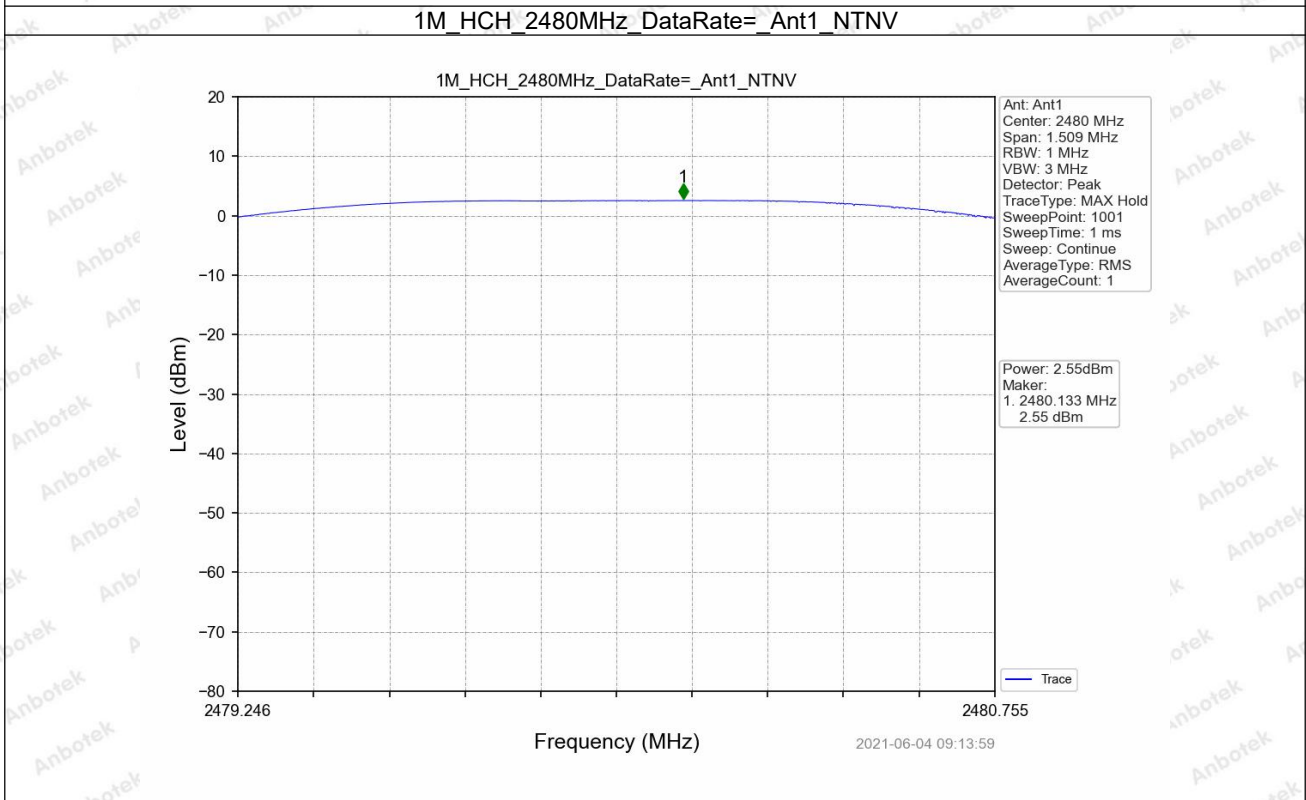
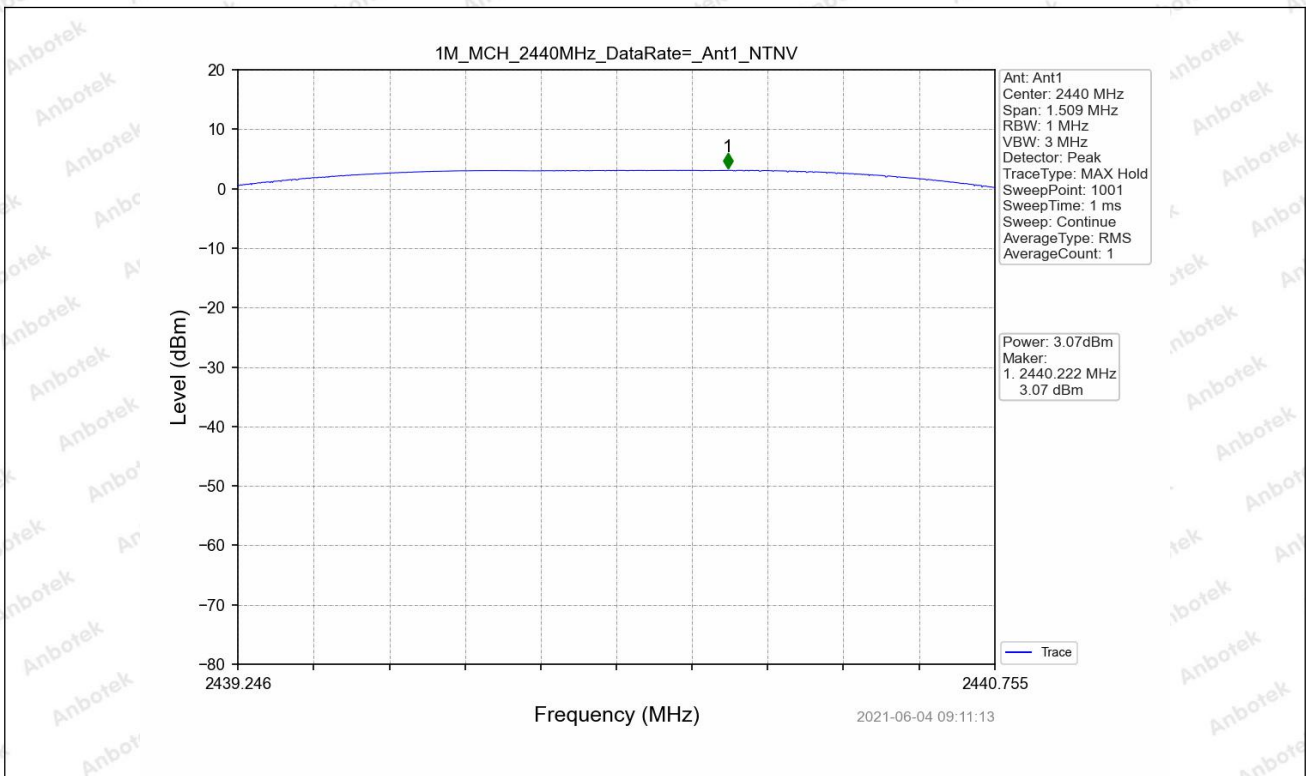
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Measured Peak Output Power (dBm)	Limit (dBm)	Verdict
			Ant1		
1M	SISO	2402	2.96	<=30	Pass
		2440	3.07	<=30	Pass
		2480	2.55	<=30	Pass

Note1: Antenna Gain: 0 dBi;

2.1.2 Test Graph





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3. Unwanted Emissions In Non-restricted Frequency Bands

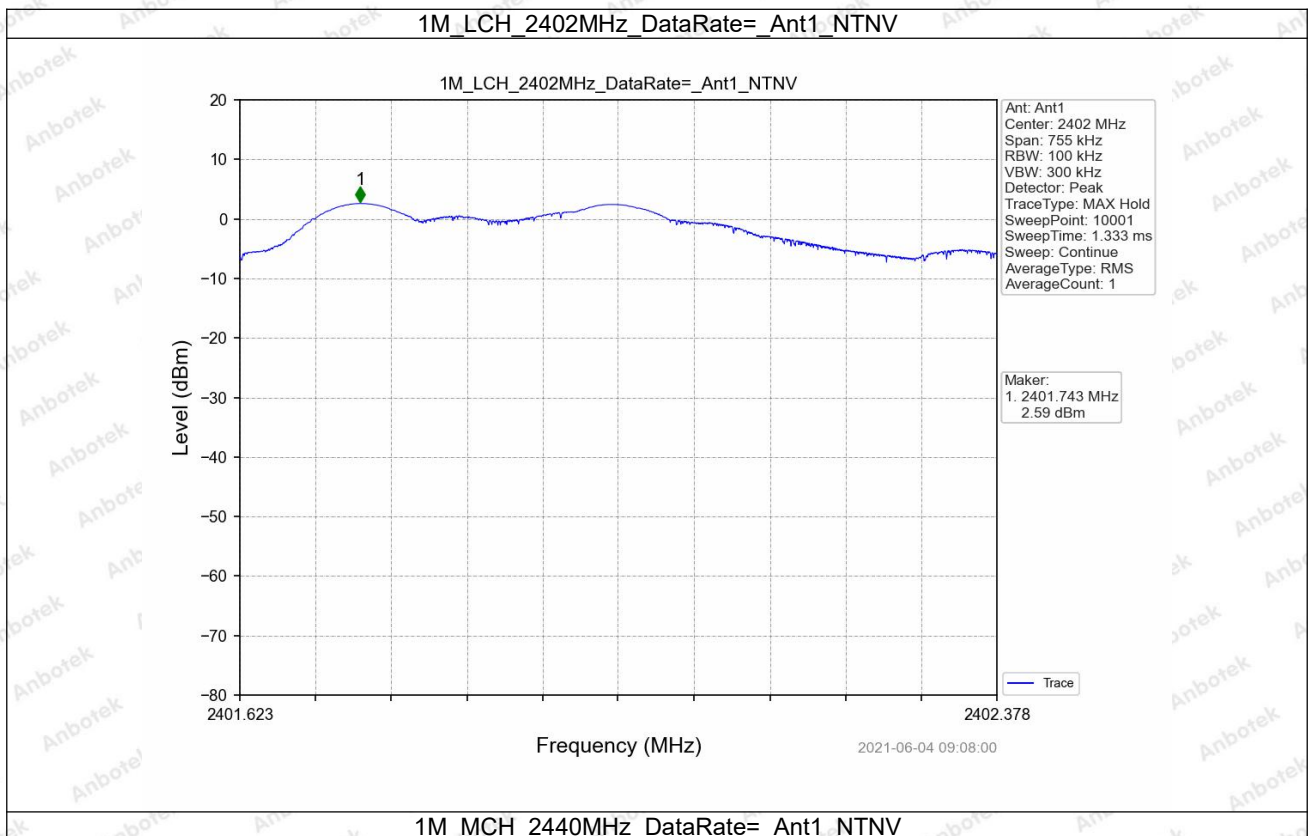
3.1 Ref

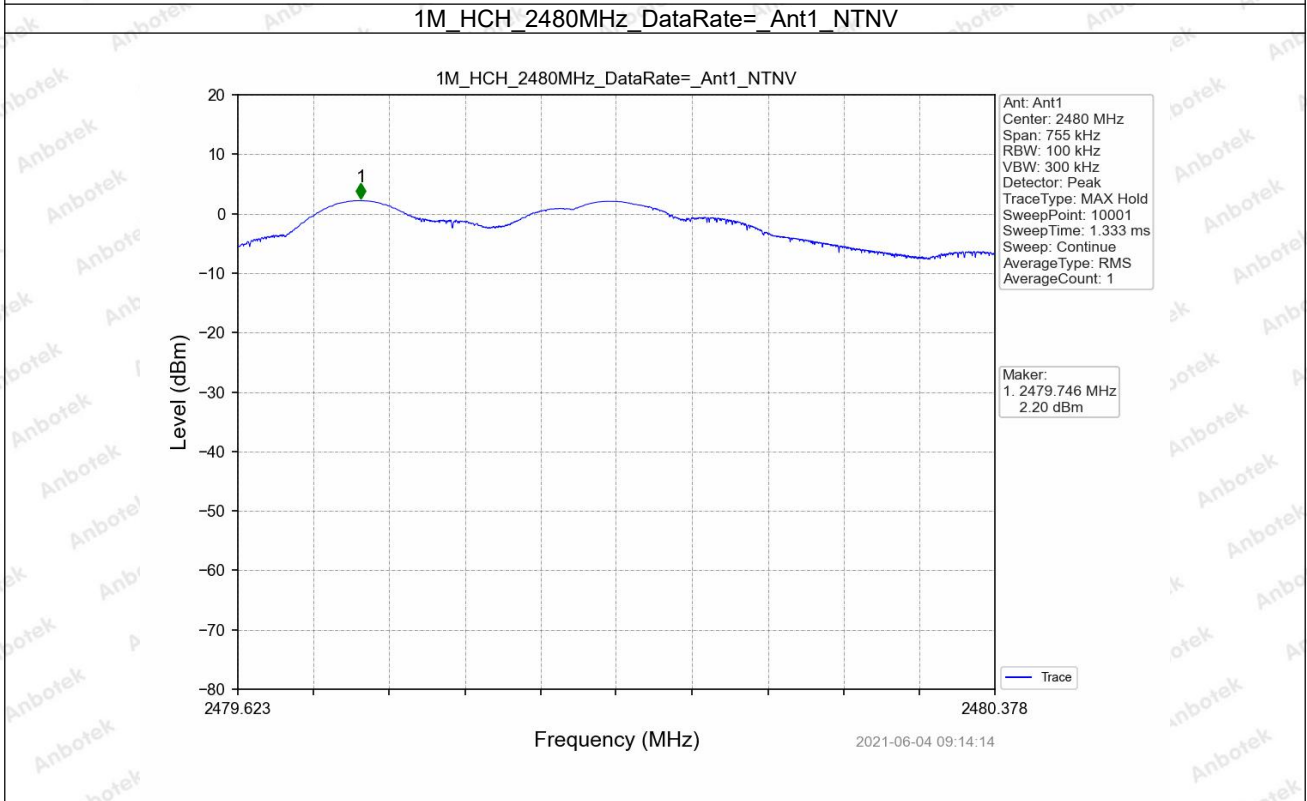
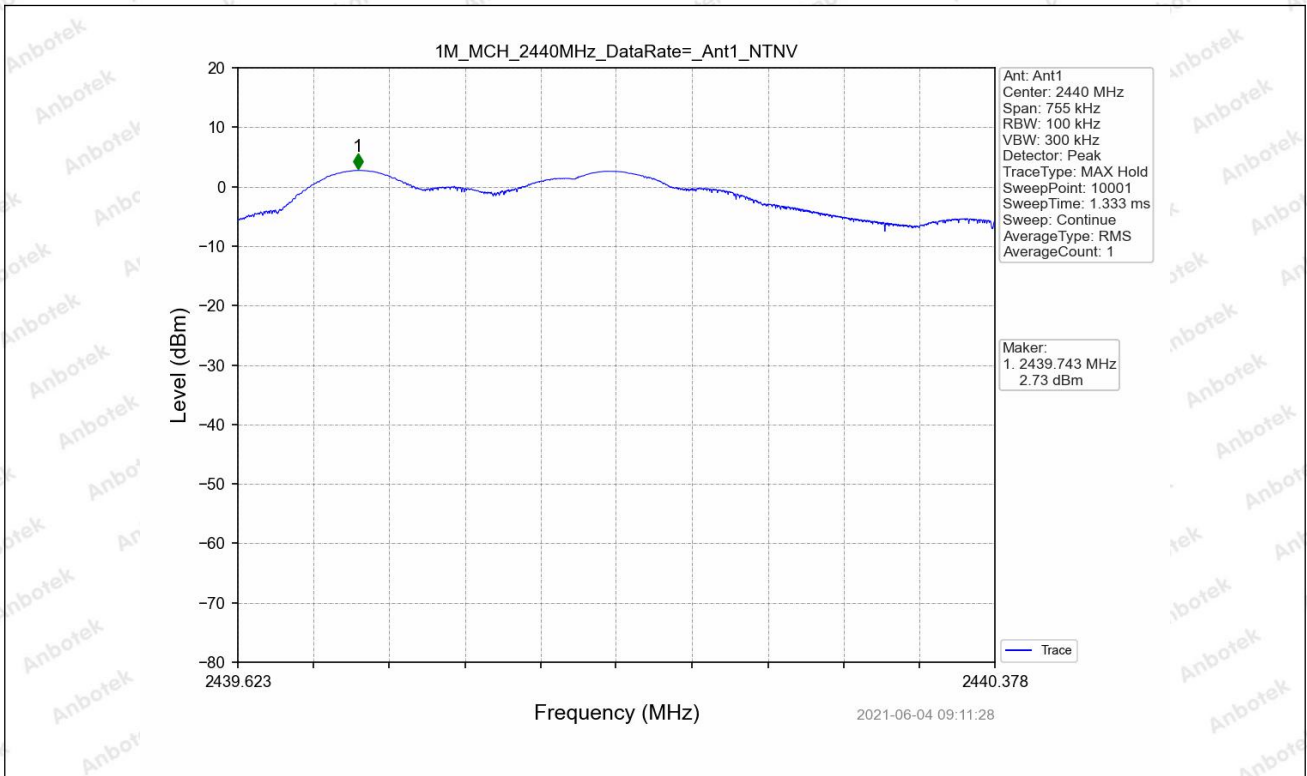
3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	2.59	/	/
		2440	1	2.73	/	/
		2480	1	2.20	/	/

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.

3.1.2 Test Graph





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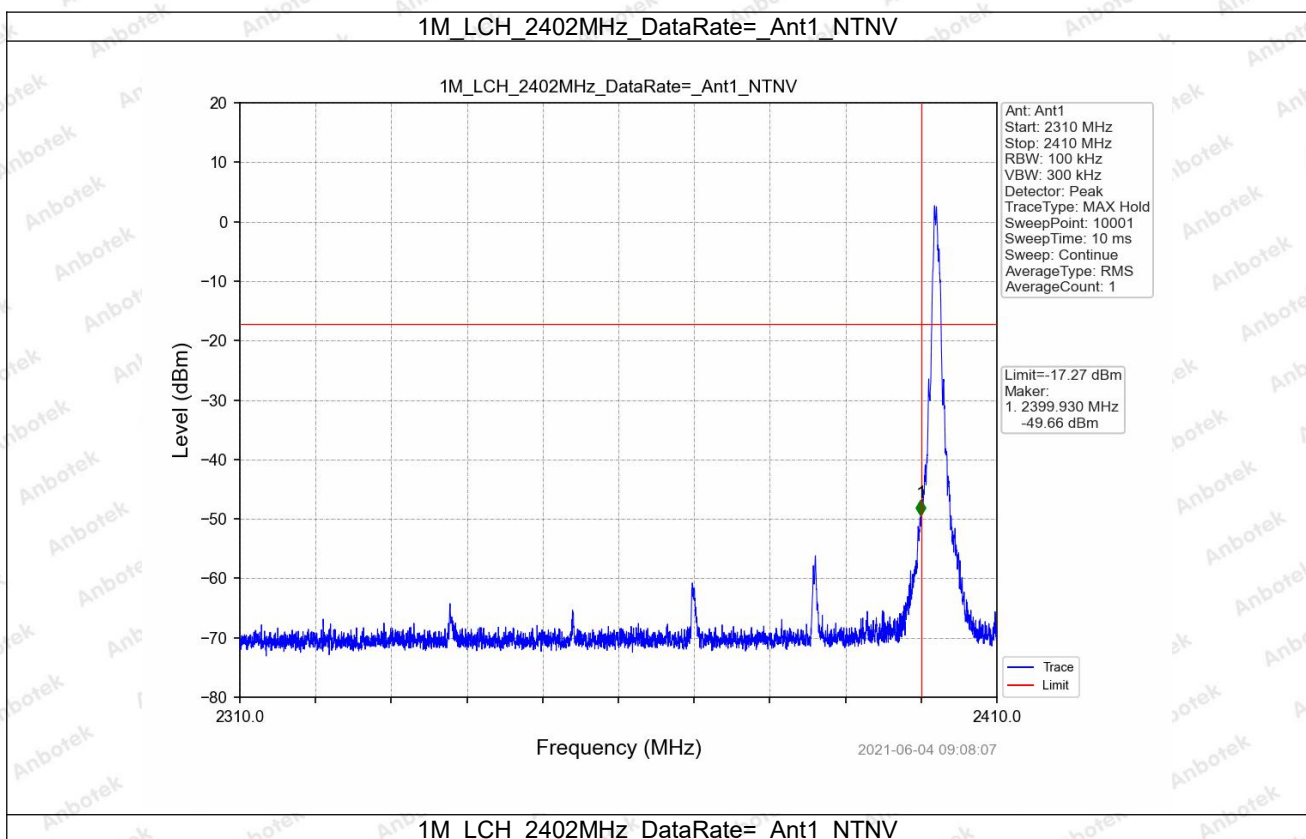
3.2 CSE

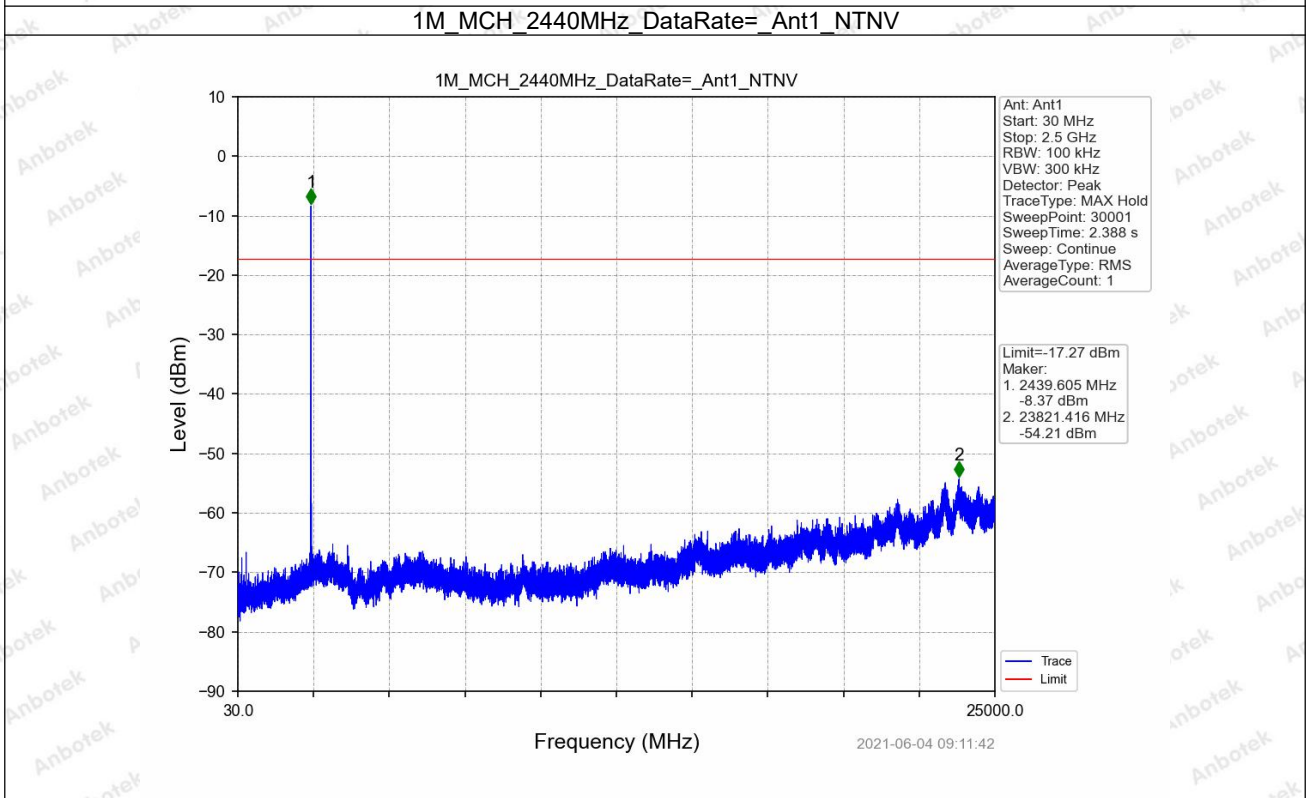
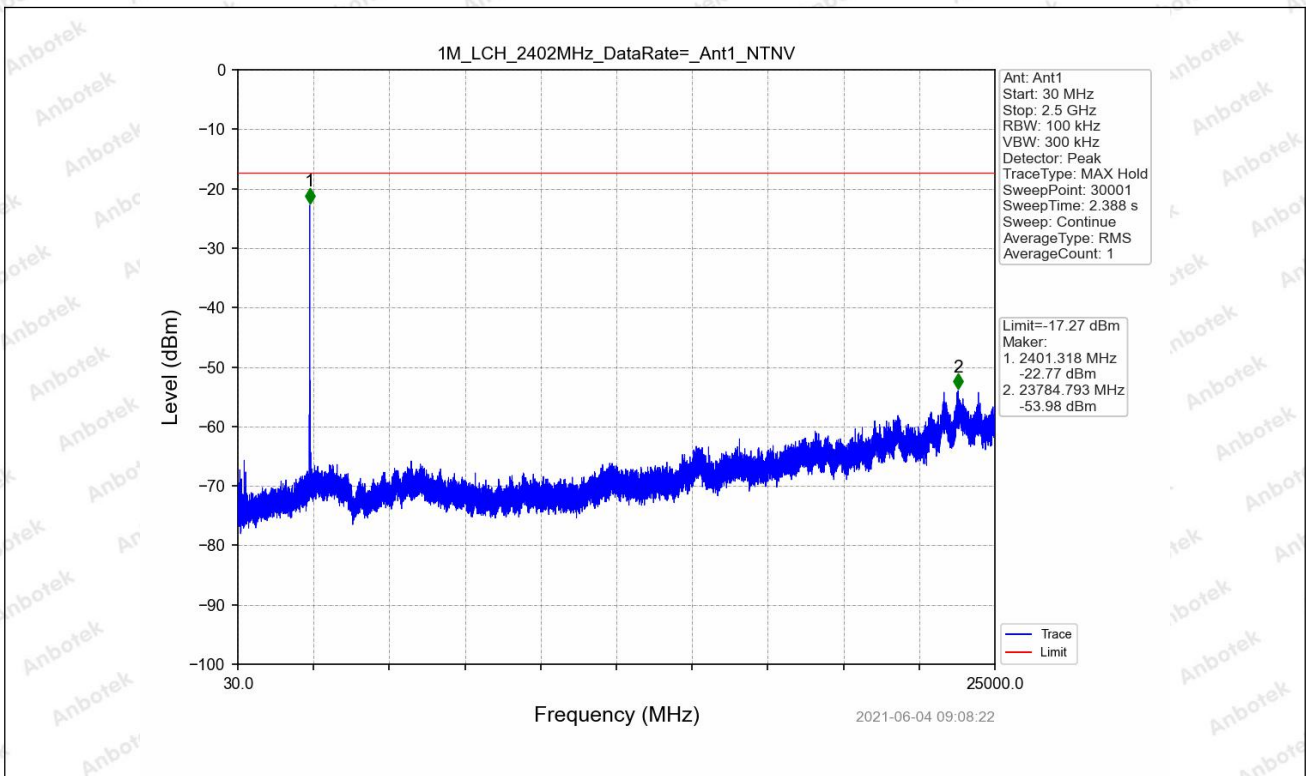
3.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	Refer To Test Graph	<=-17.27	Pass
		2440	1	Refer To Test Graph	<=-17.27	Pass
		2480	1	Refer To Test Graph	<=-17.27	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.

3.2.2 Test Graph





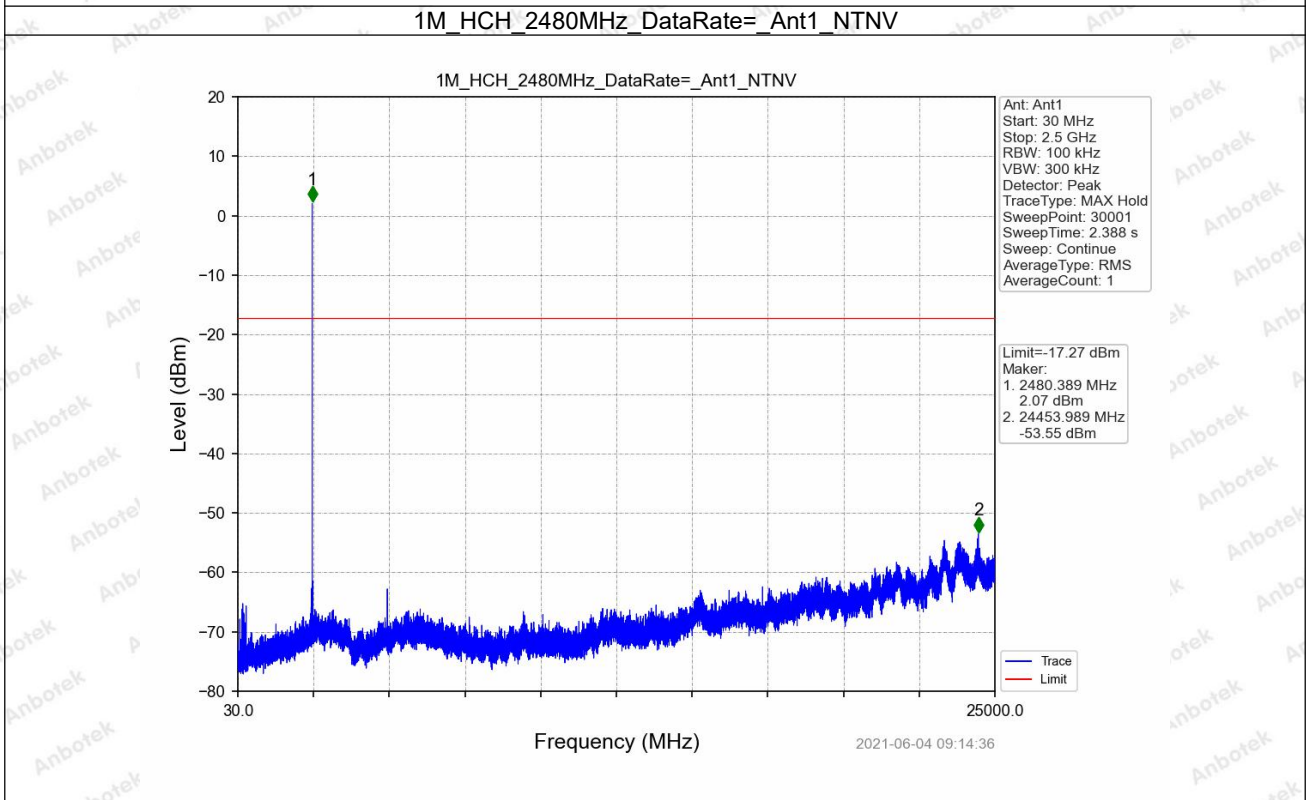
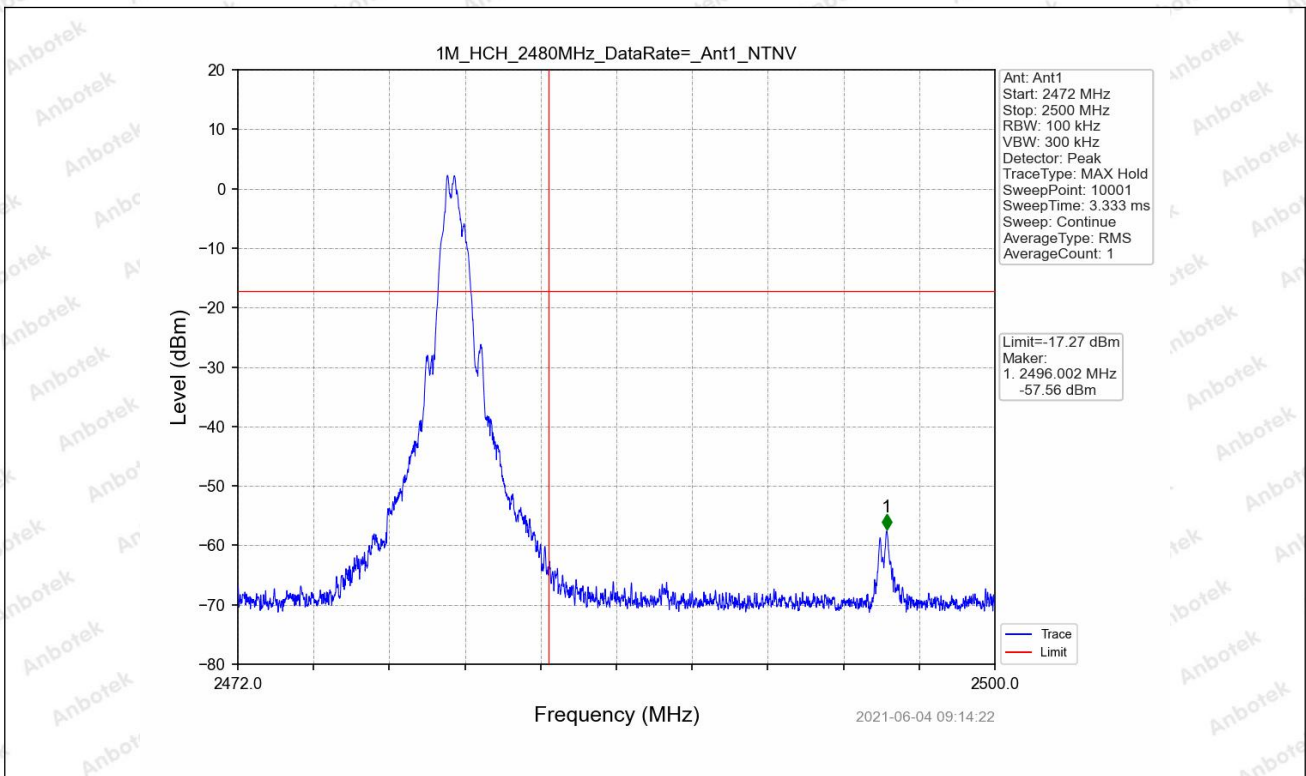
1M_HCH_2480MHz_DataRate=_Ant1_NTNV

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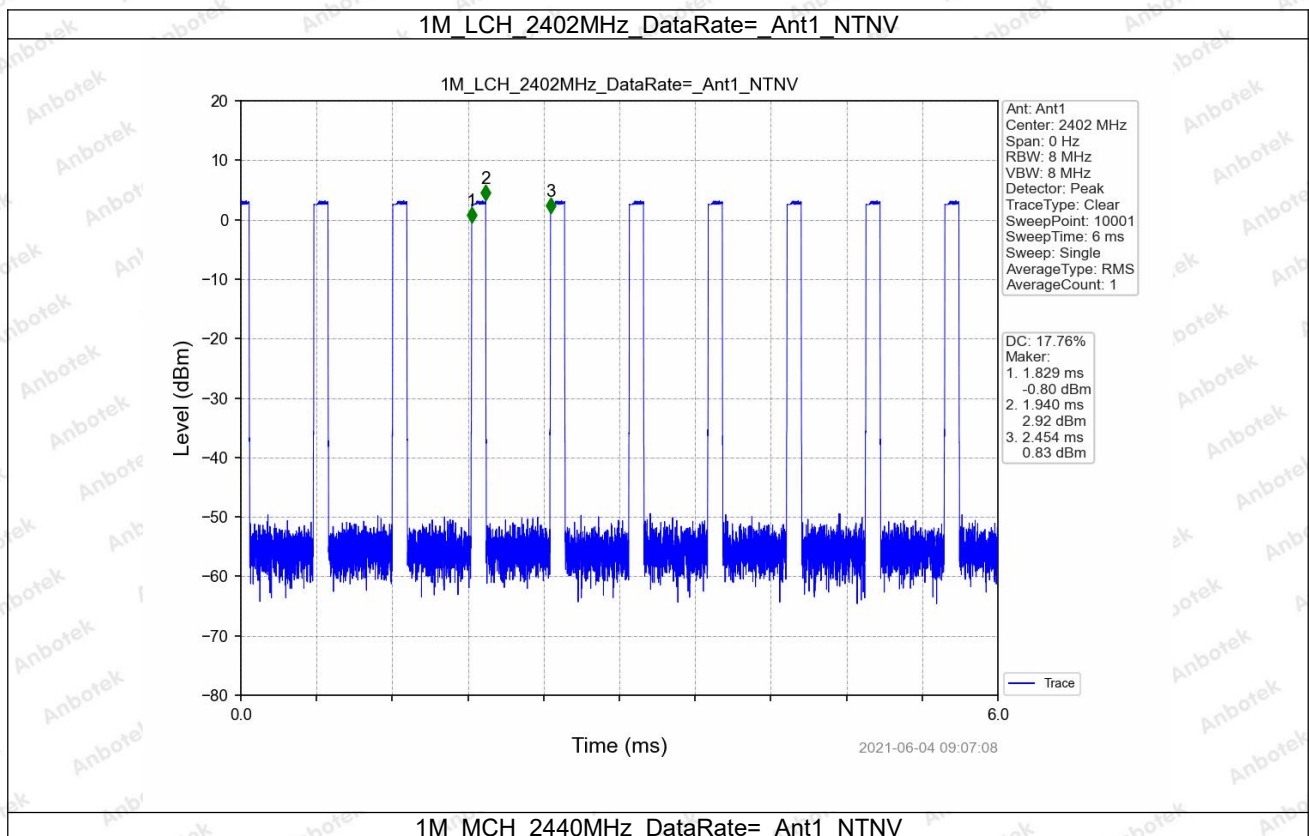
4. Duty Cycle

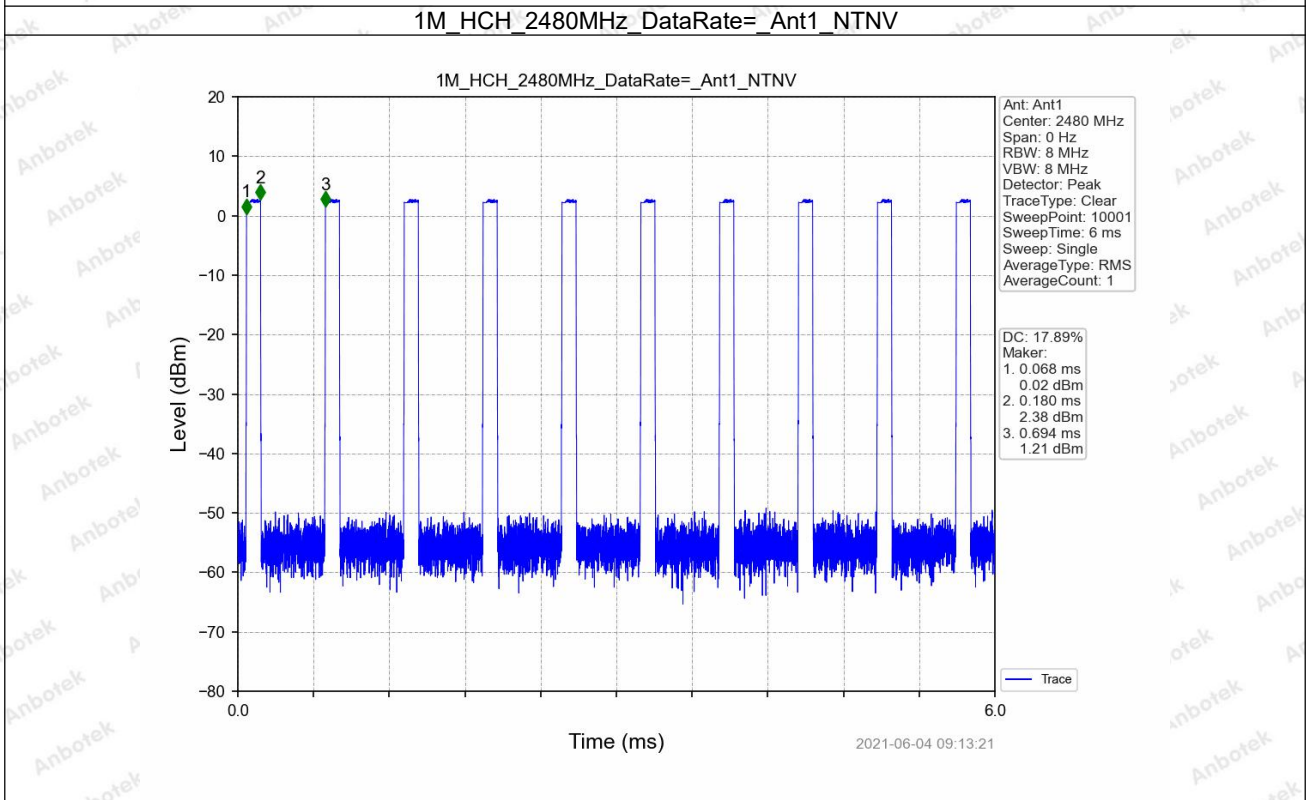
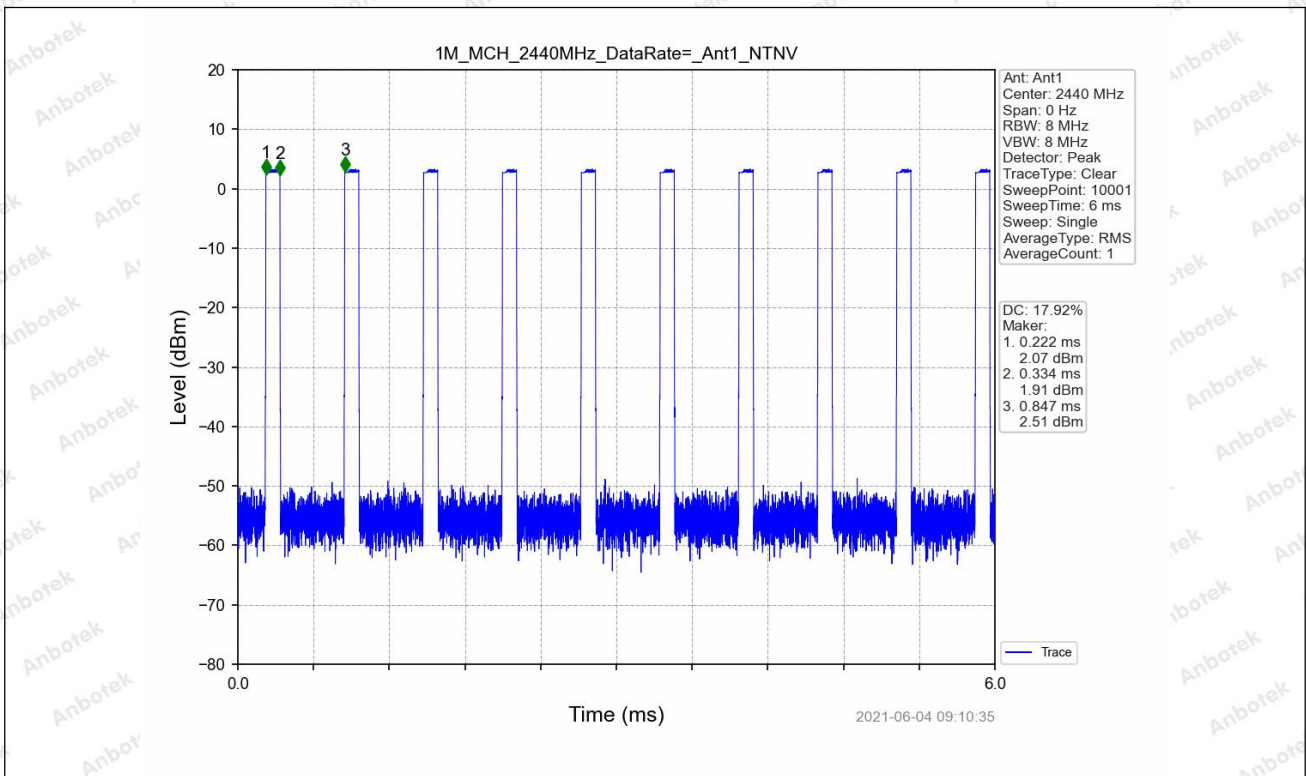
4.1 Ant1

4.1.1 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	0.11	0.62	17.76	7.51	0.10
		2440	0.11	0.62	17.92	7.47	0.10
		2480	0.11	0.63	17.89	7.47	0.10

4.1.2 Test Graph





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5. Maximum Power Spectral Density

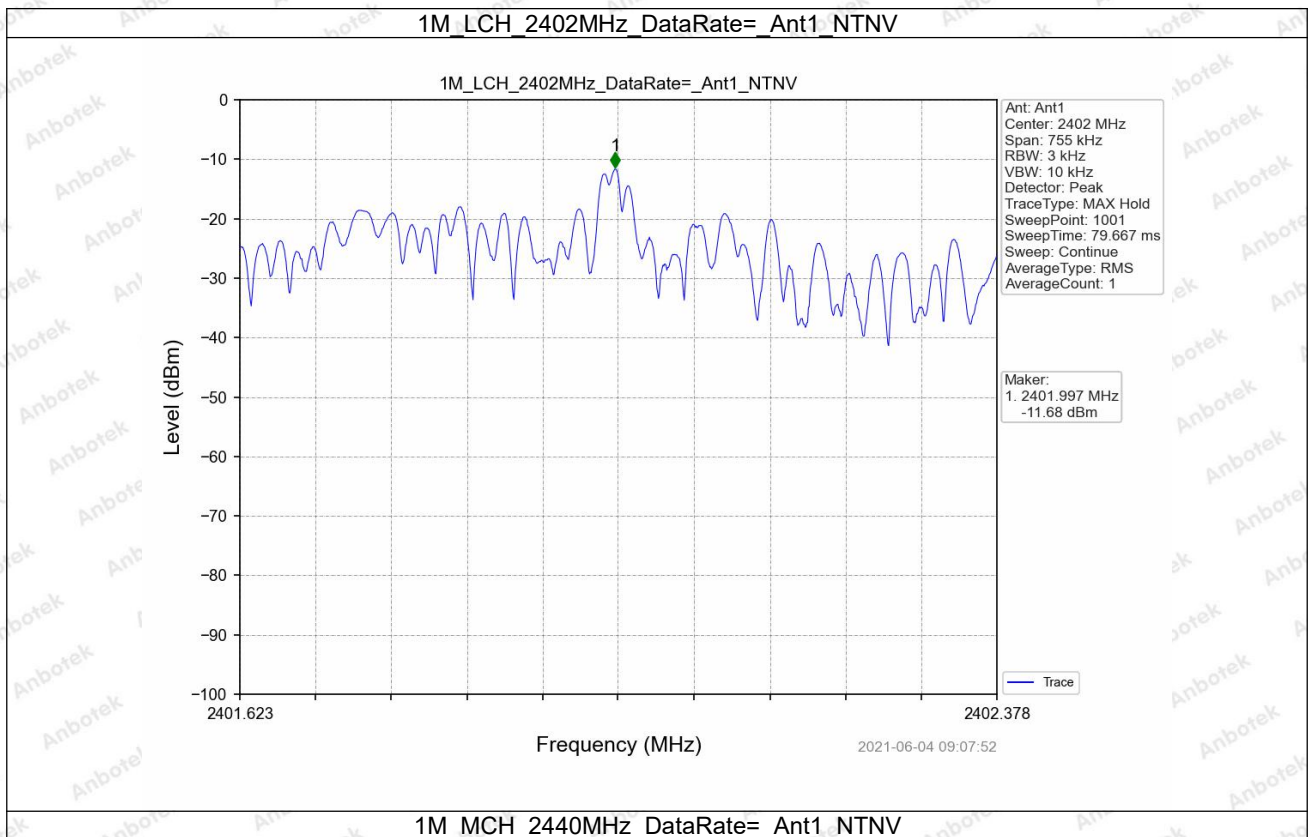
5.1 PSD

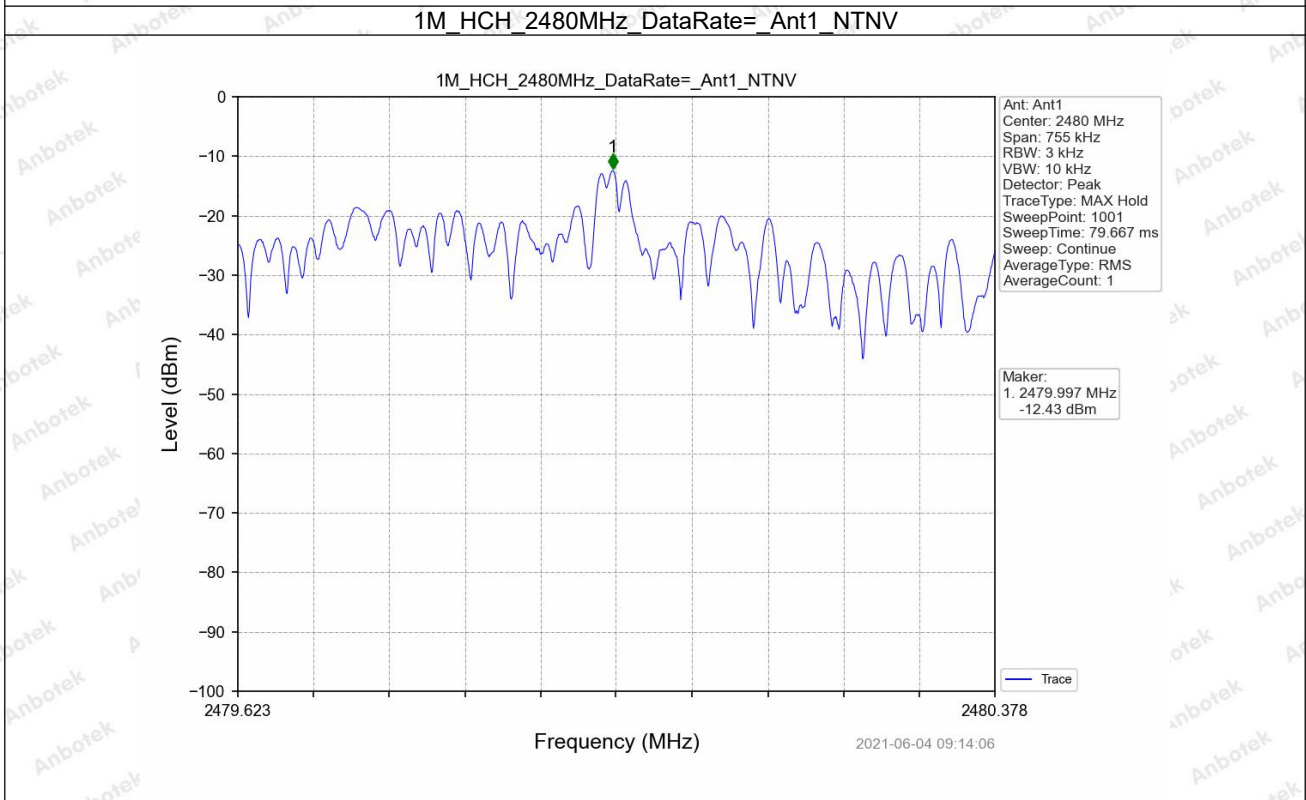
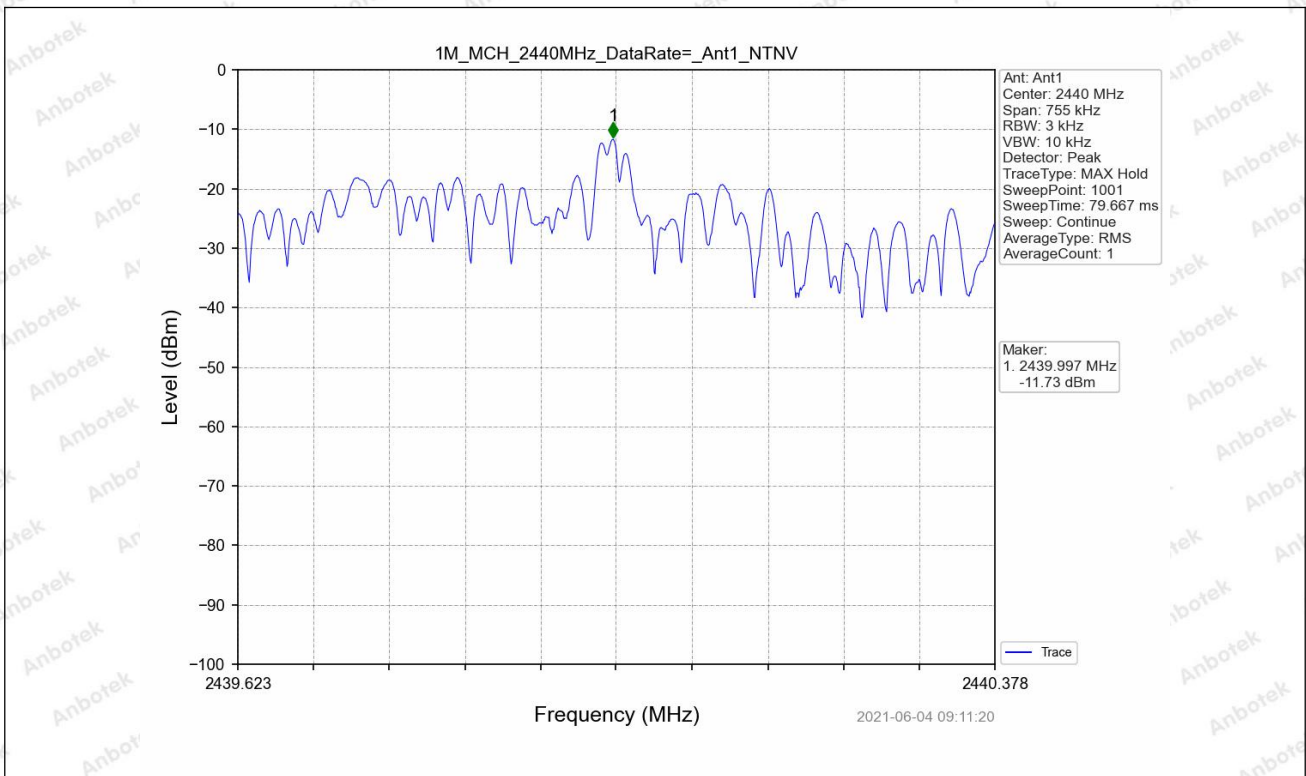
5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
			Ant1		
1M	SISO	2402	-11.68	<=8	Pass
		2440	-11.73	<=8	Pass
		2480	-12.43	<=8	Pass

Note1: Antenna Gain: 1:0dBi;

5.1.2 Test Graph





---End---

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