

Appendix Test Data

Report No.:	18220WC10102101	Test Date:	2021.06.03~06.10
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	23.3℃	Relative Humidity:	56%
Pressure:	1012 hPa		

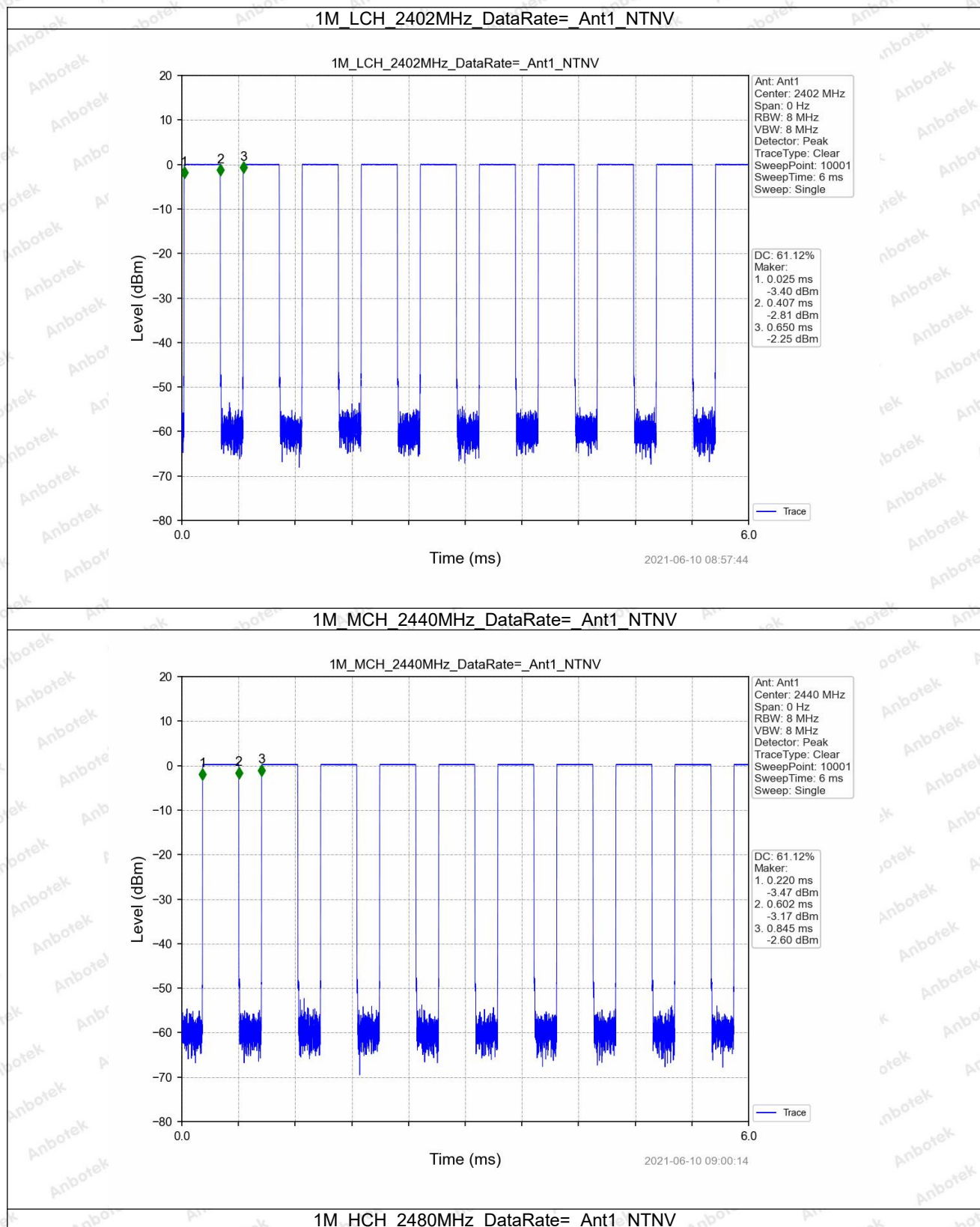
1. Duty Cycle

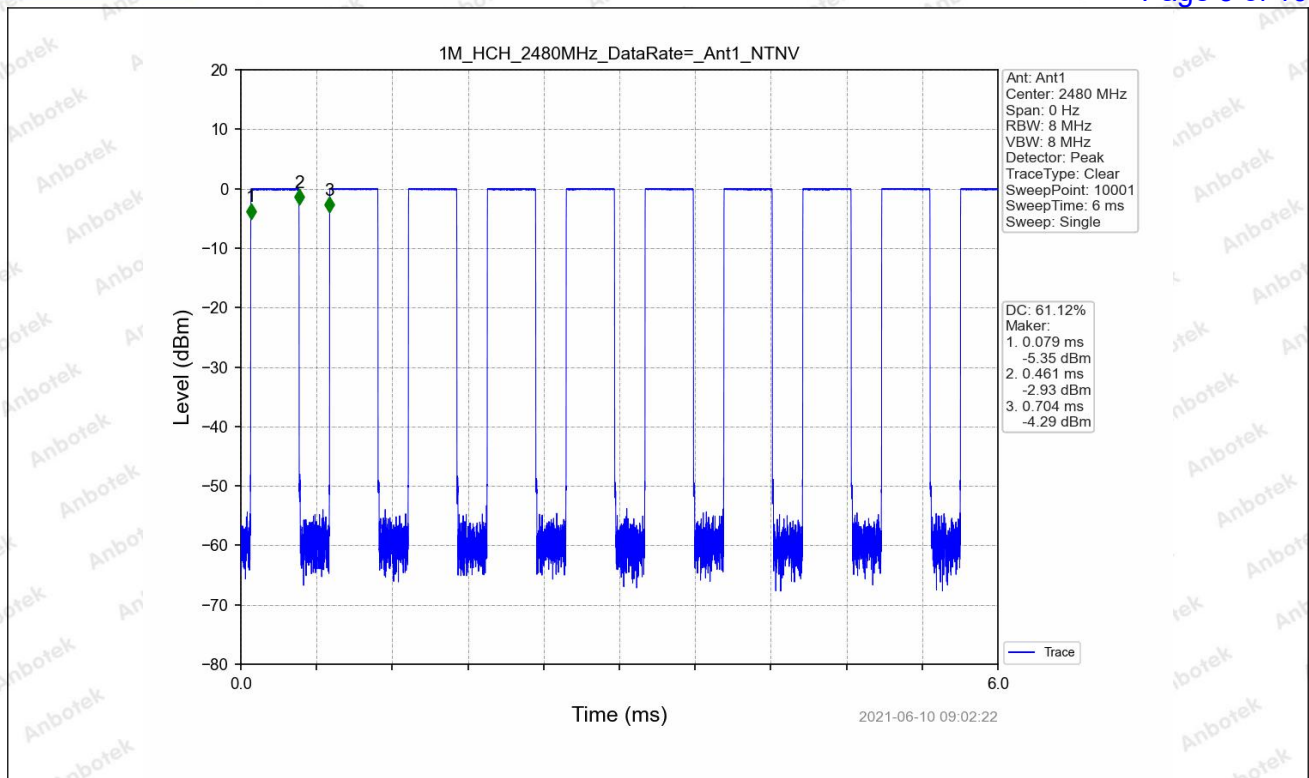
1.1 Ant1

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	0.38	0.62	61.12	2.14	0.10
		2440	0.38	0.62	61.12	2.14	0.10
		2480	0.38	0.62	61.12	2.14	0.06
Note1: Only for Report Use							

1.1.2 Test Graph





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2. Bandwidth

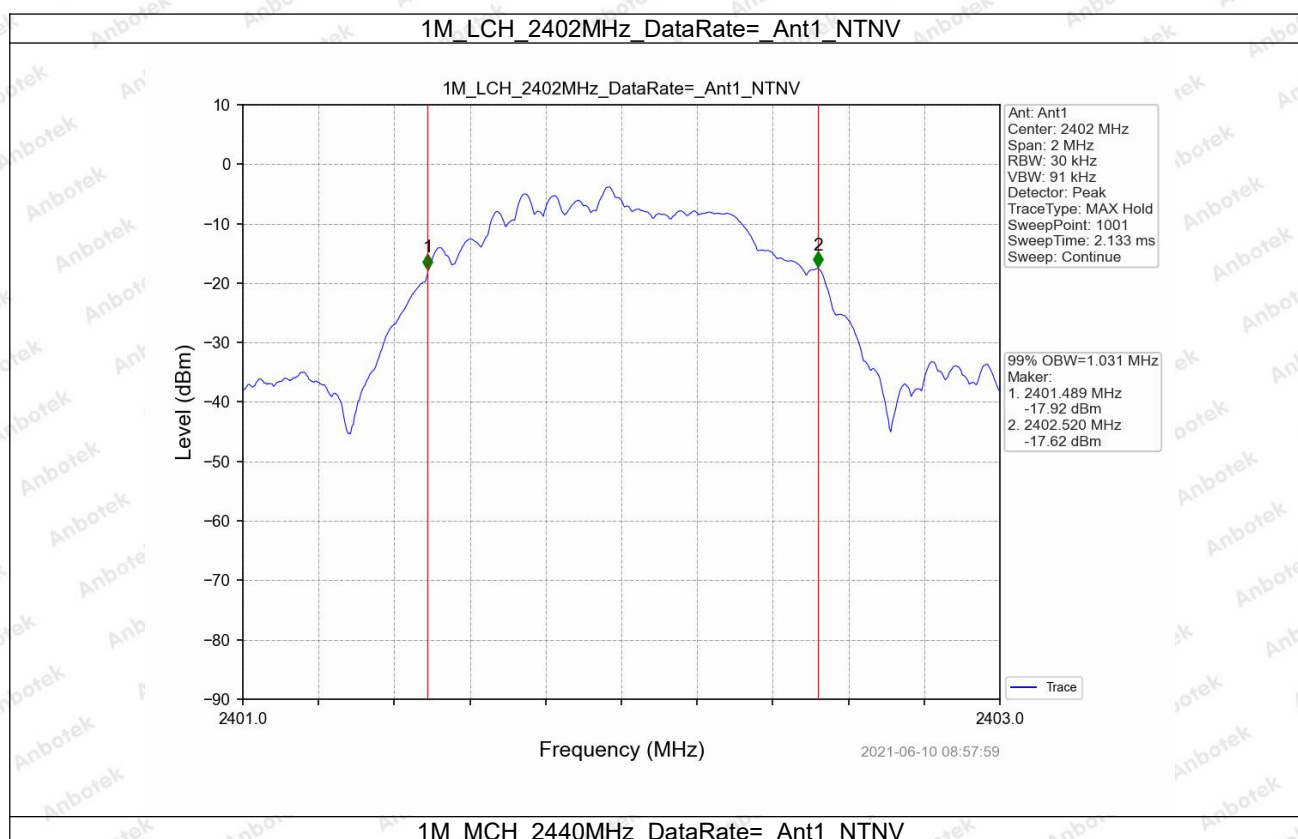
2.1 OBW

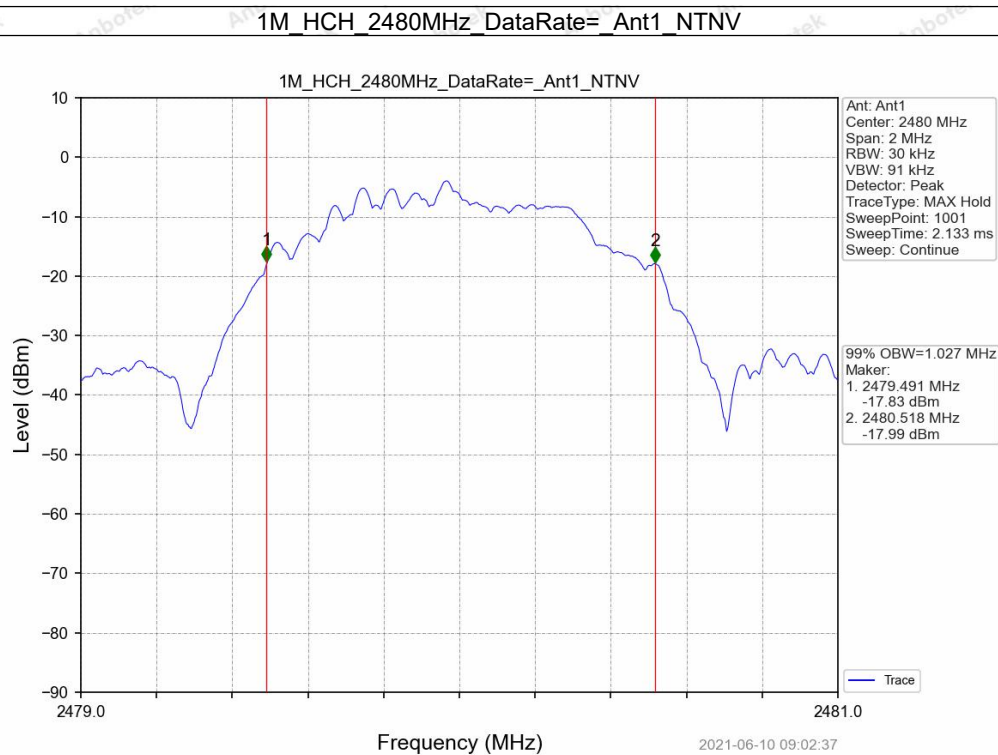
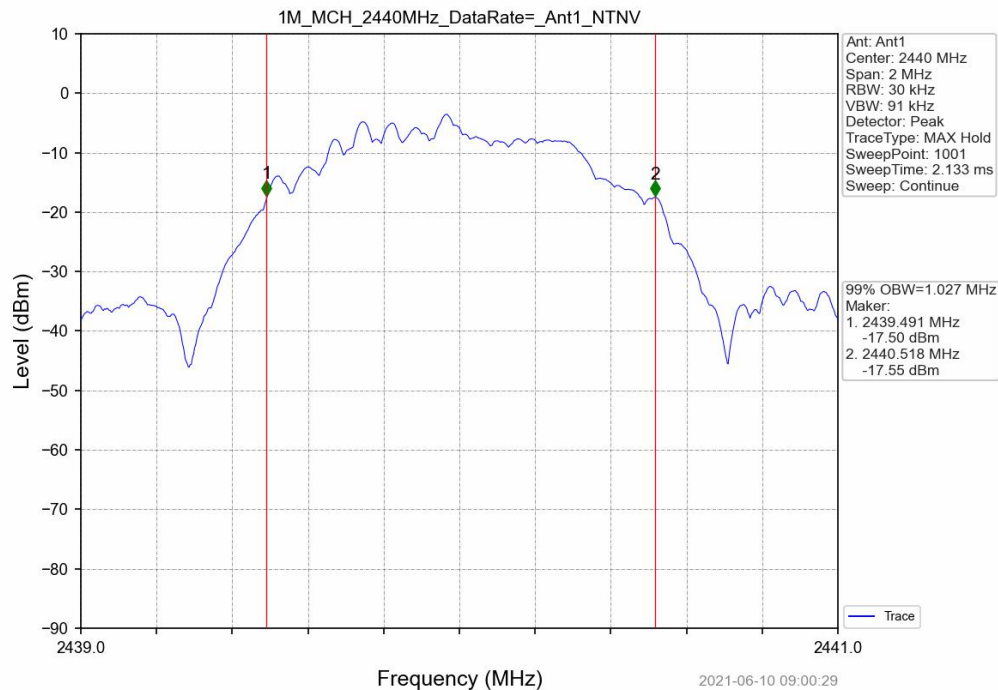
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Limit (MHz)	Verdict
			Ant1		
1M	SISO	2402	1.031	/	Note1
		2440	1.027	/	Note1
		2480	1.027	/	Note1

Note1: Only for Report Use

2.1.2 Test Graph





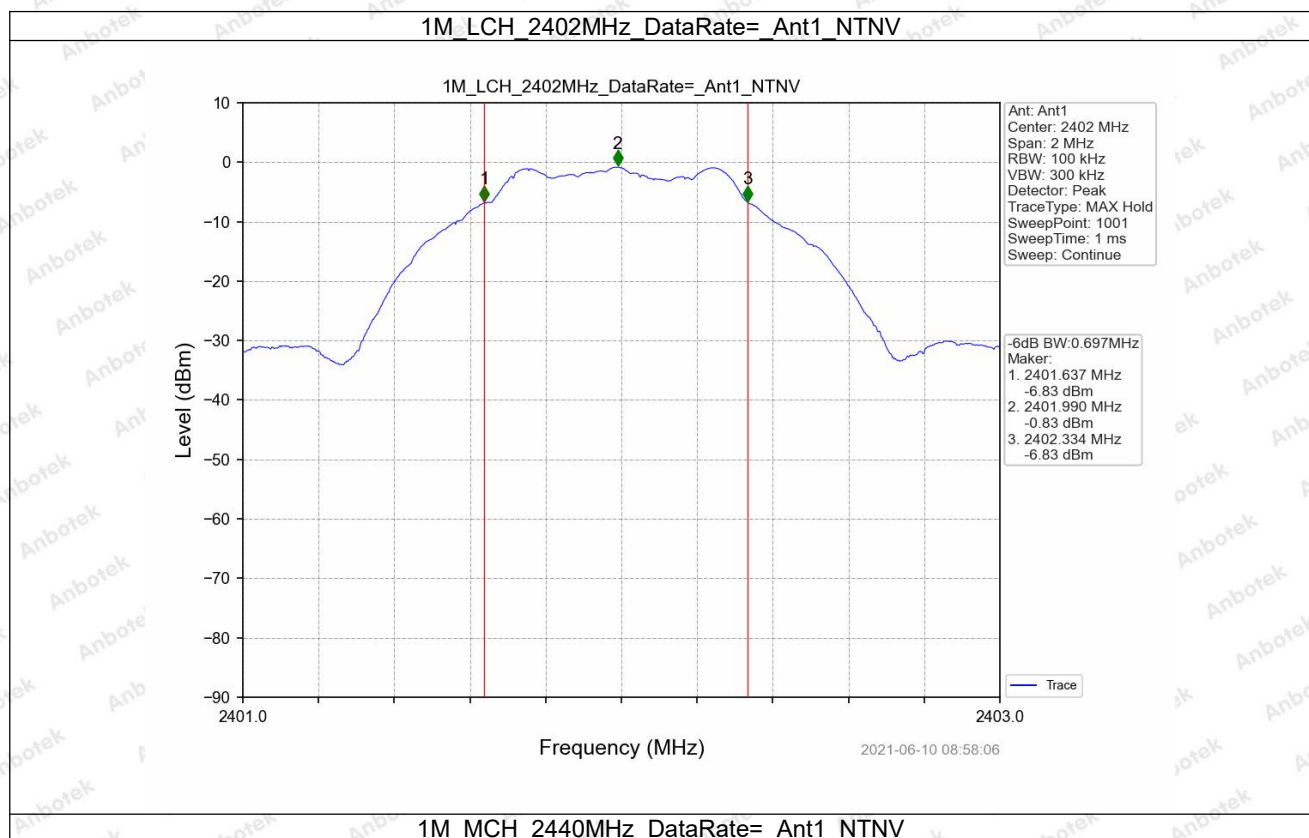
2.2 XDB

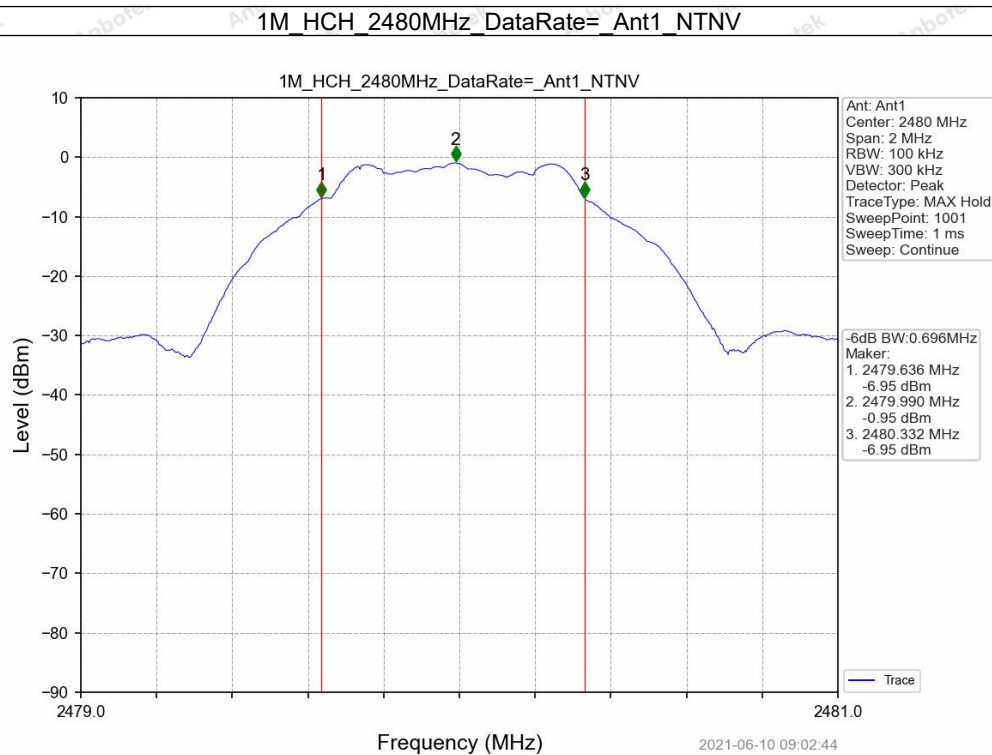
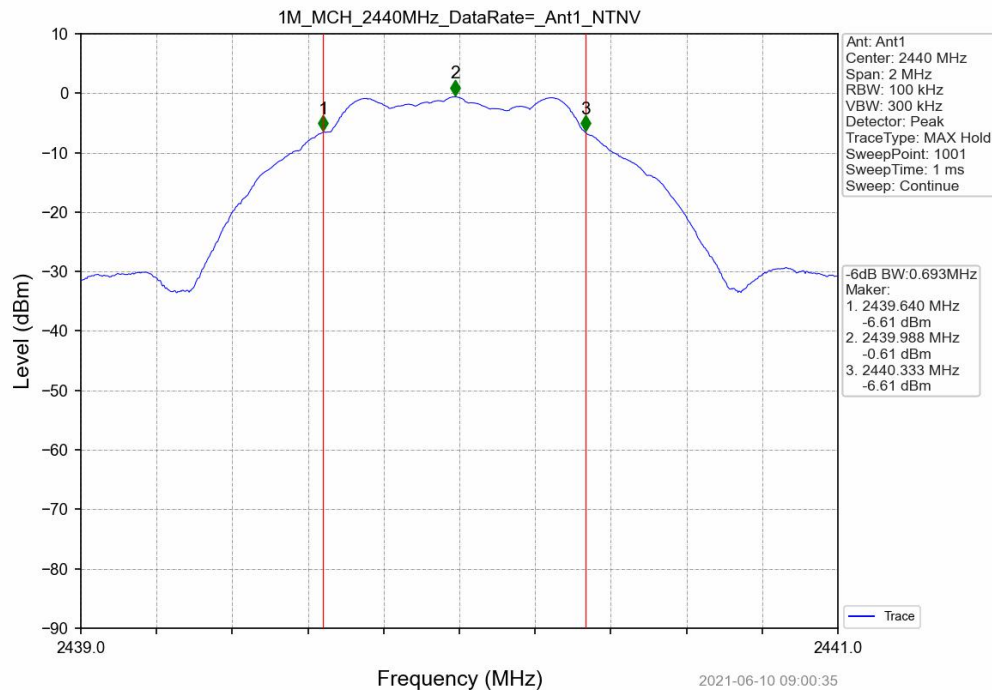
2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Verdict
			Ant1		
1M	SISO	2402	0.697	>0.5	Note1
		2440	0.693	>0.5	Note1
		2480	0.696	>0.5	Note1

Note1: Only for Report Use

2.2.2 Test Graph





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3. Maximum Conducted Output Power

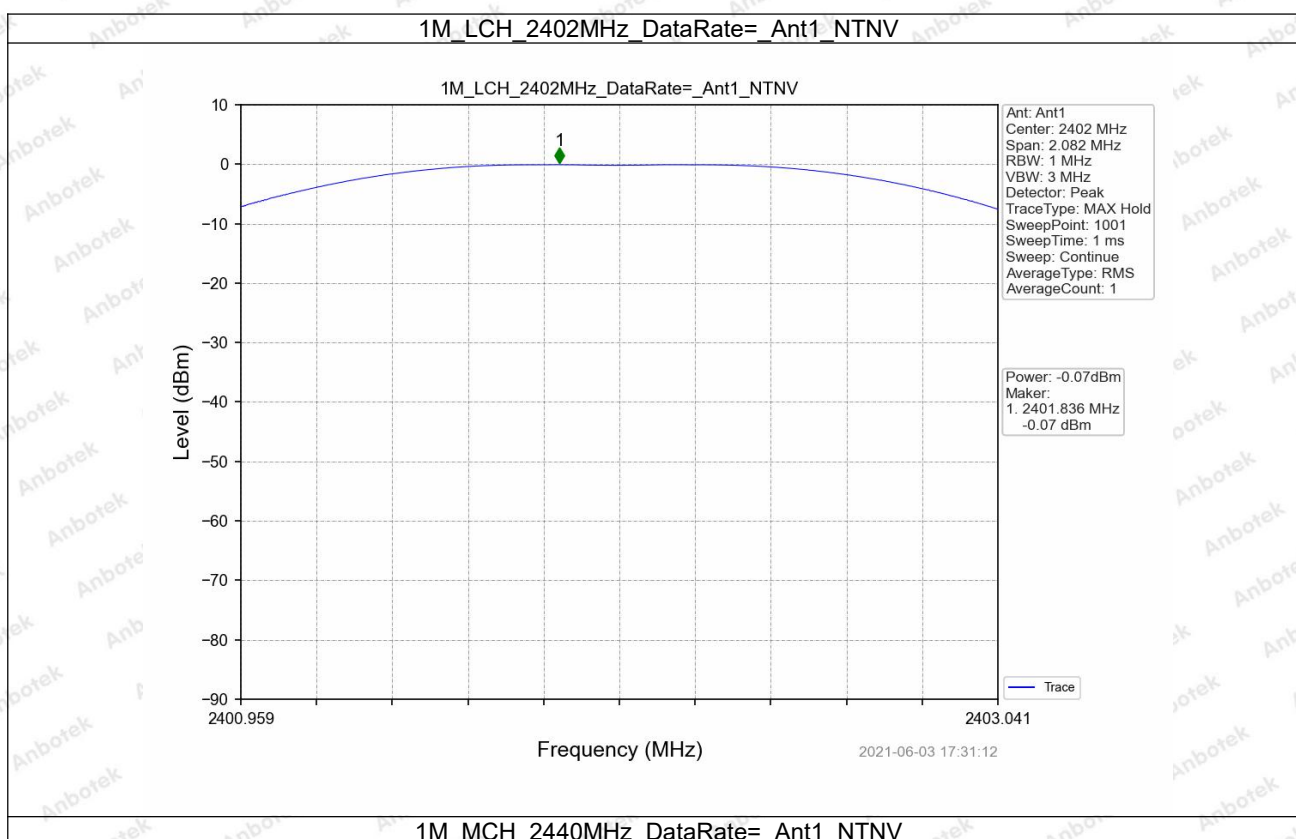
3.1 Power

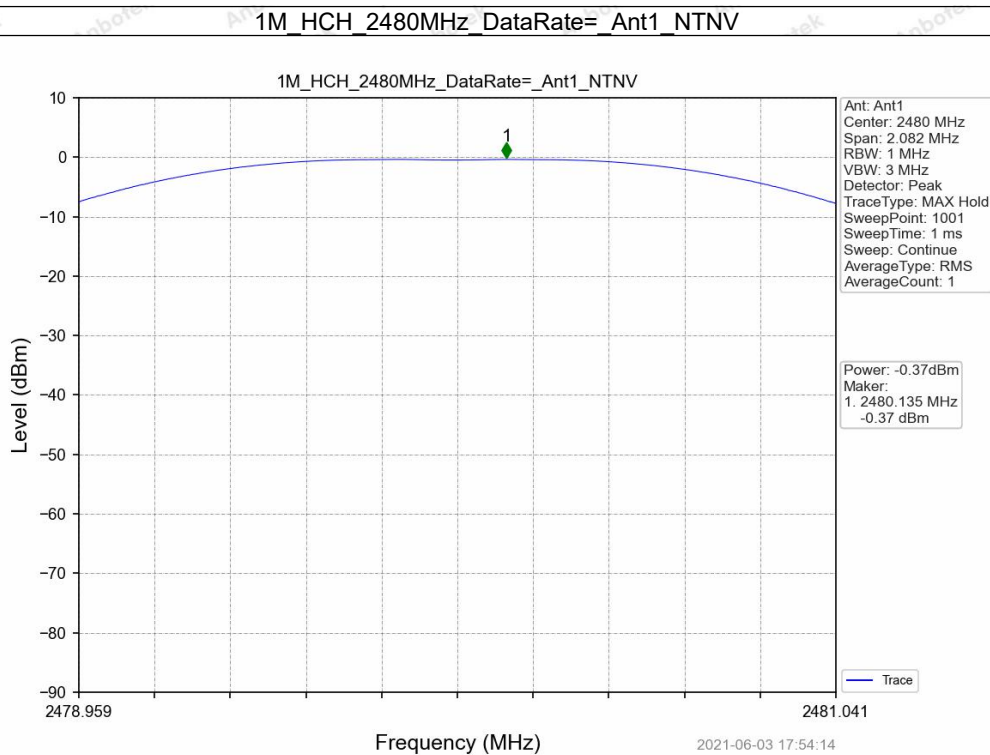
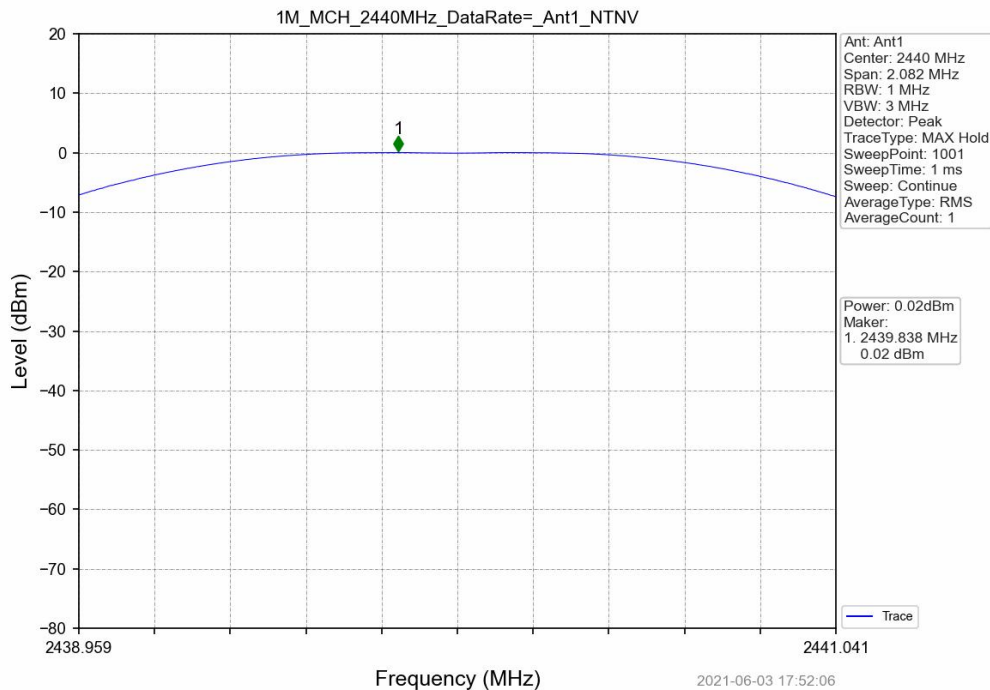
3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Measured Peak Output Power (dBm)	Limit (dBm)	Verdict
			Ant1		
1M	SISO	2402	-0.07	<=30	Pass
		2440	0.02	<=30	Pass
		2480	-0.37	<=30	Pass

Note1: Antenna Gain: 1.50dBi;

3.1.2 Test Graph





4. Maximum Power Spectral Density

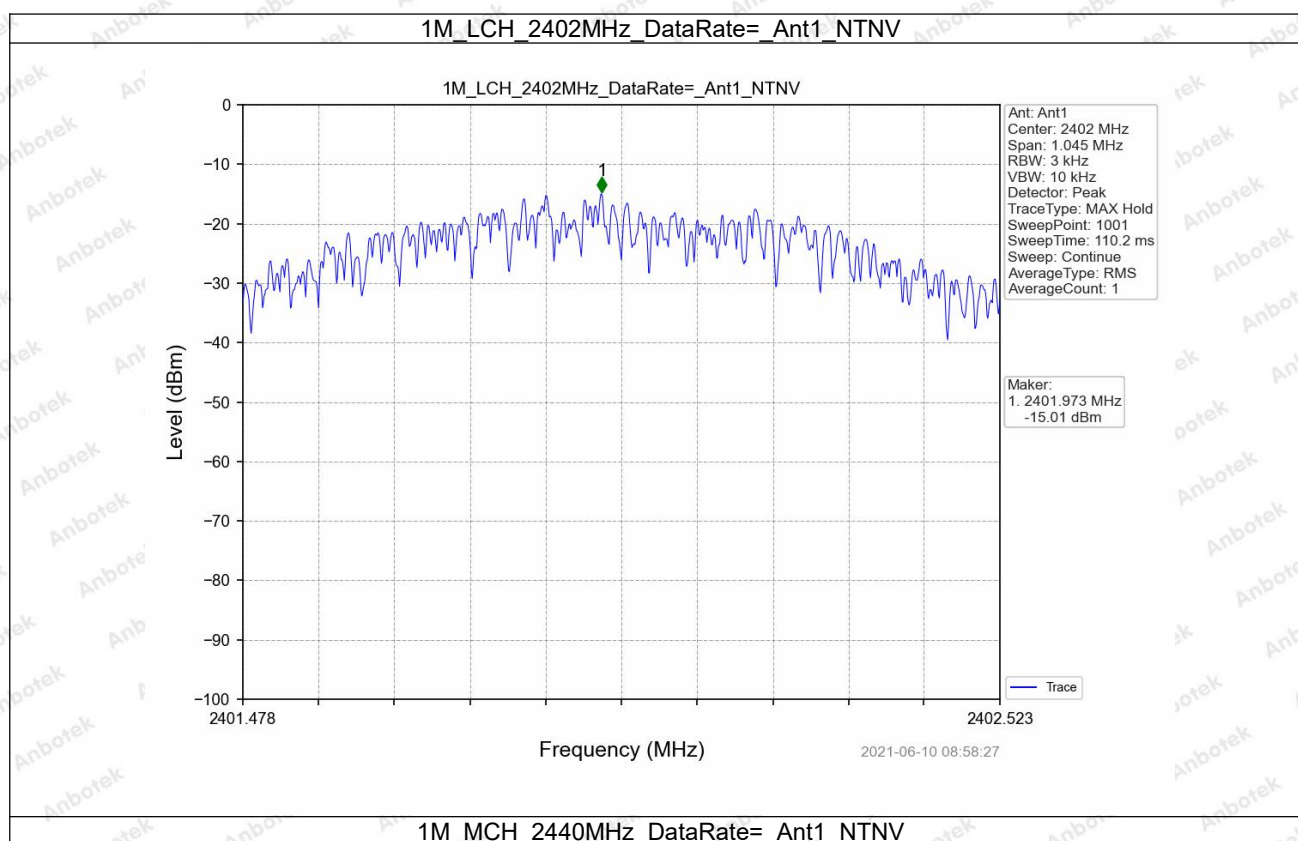
4.1 PSD

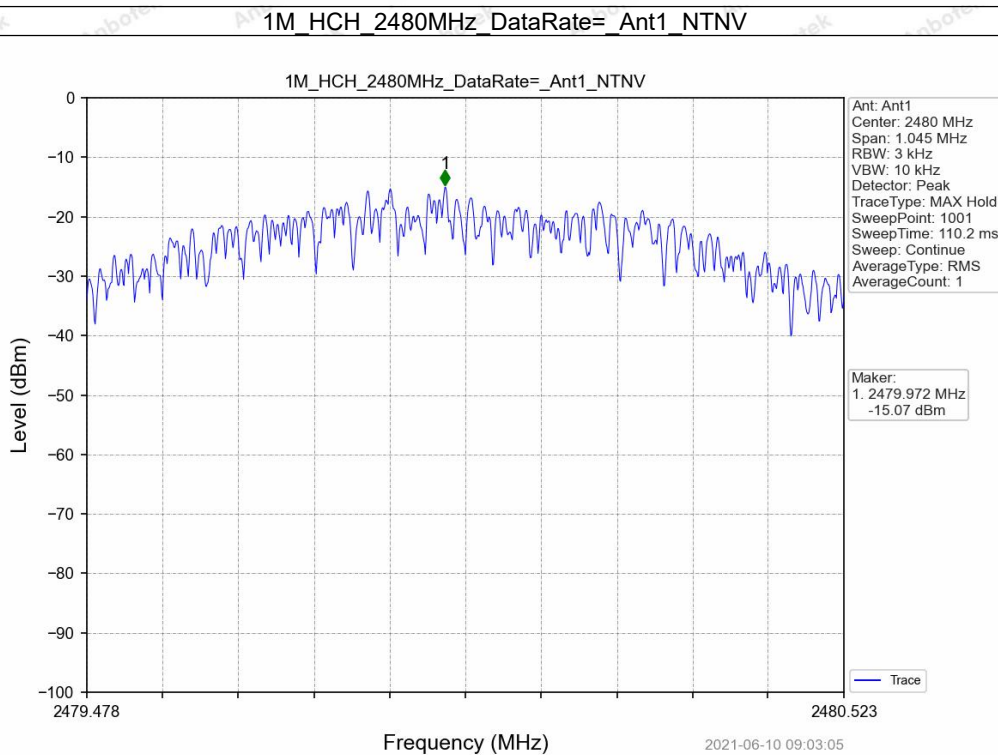
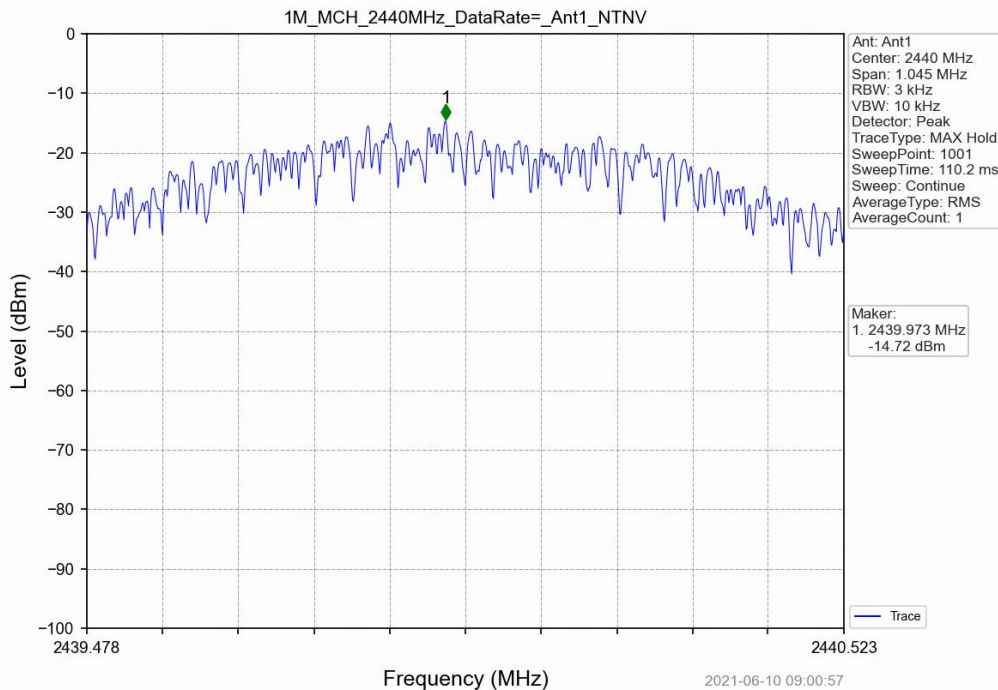
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3KHz)	Limit (dBm/3KHz)	Verdict
			Ant1		
1M	SISO	2402	-15.01	<=8	Pass
		2440	-14.72	<=8	Pass
		2480	-15.07	<=8	Pass

Note1: Antenna Gain:1.50dBi;

4.1.2 Test Graph





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5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Ref

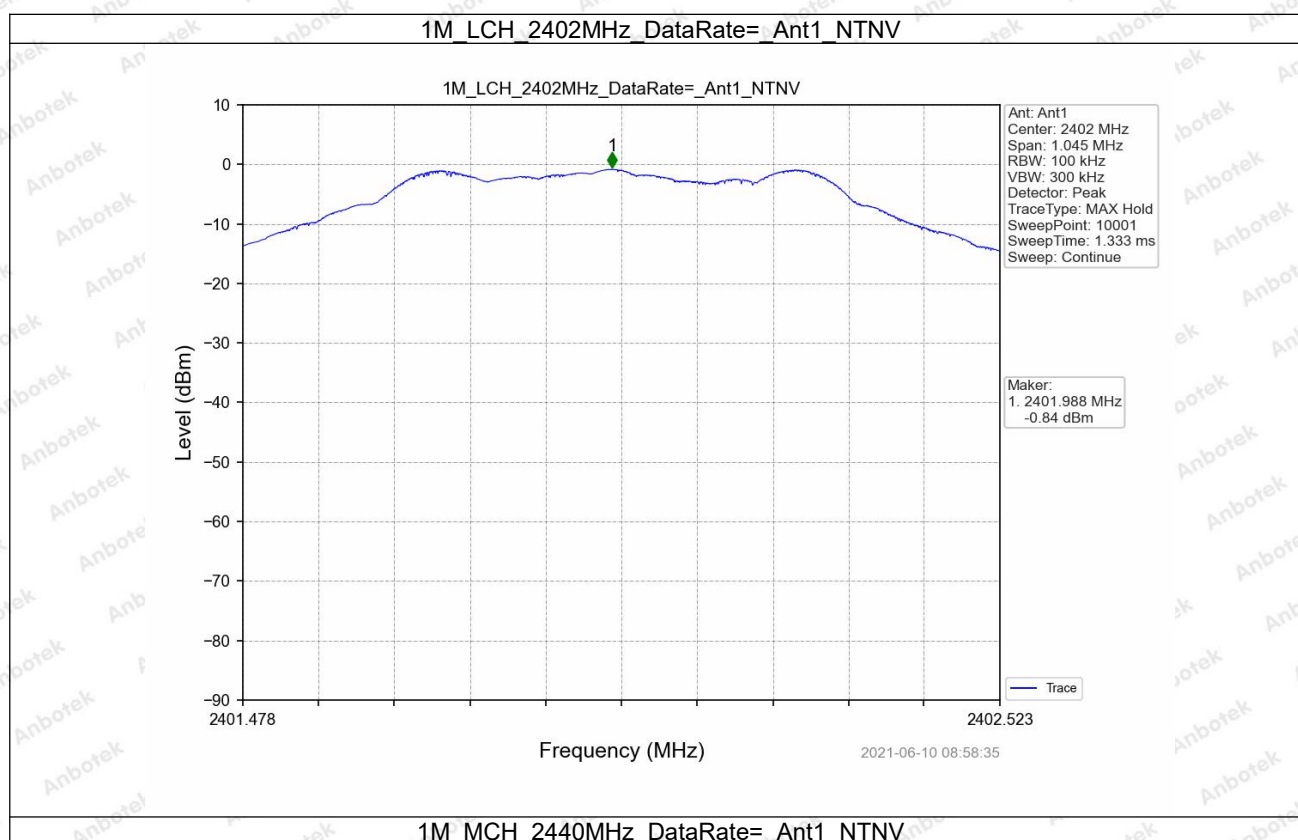
5.1.1 Test Result

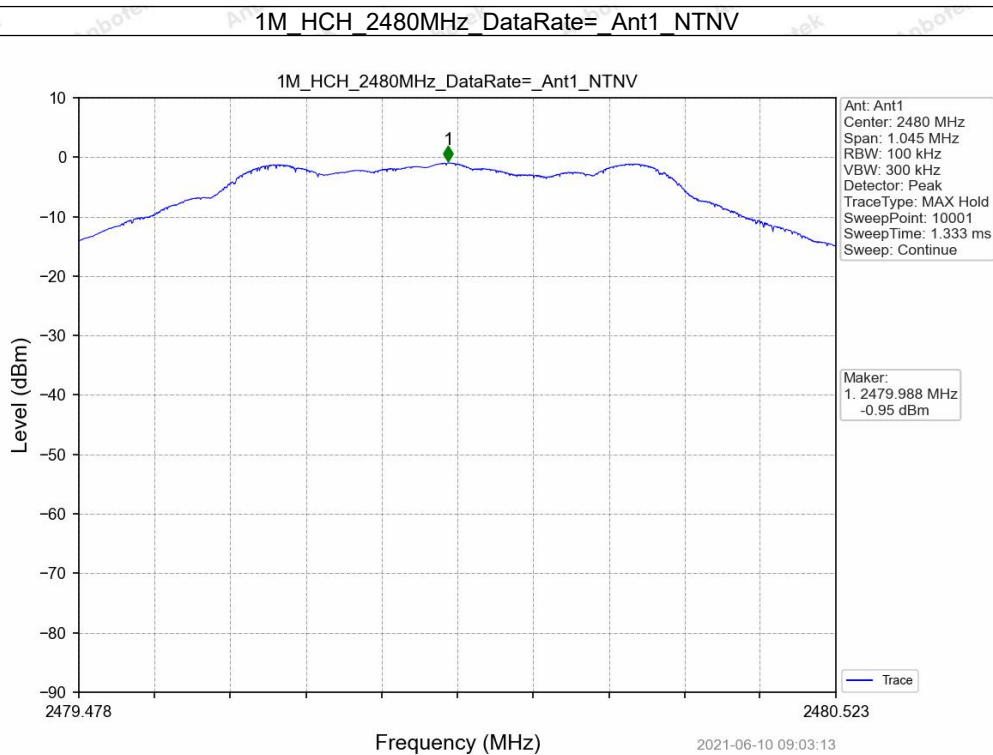
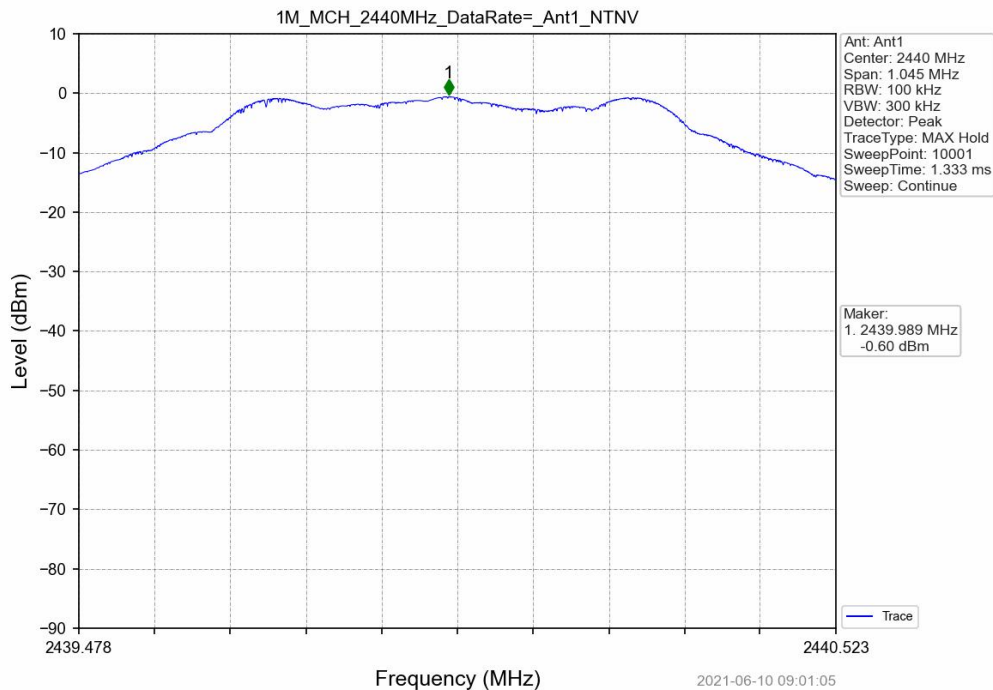
Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	-0.84	/	/
		2440	1	-0.60	/	/
		2480	1	-0.95	/	/

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: Only for Report Use

5.1.2 Test Graph





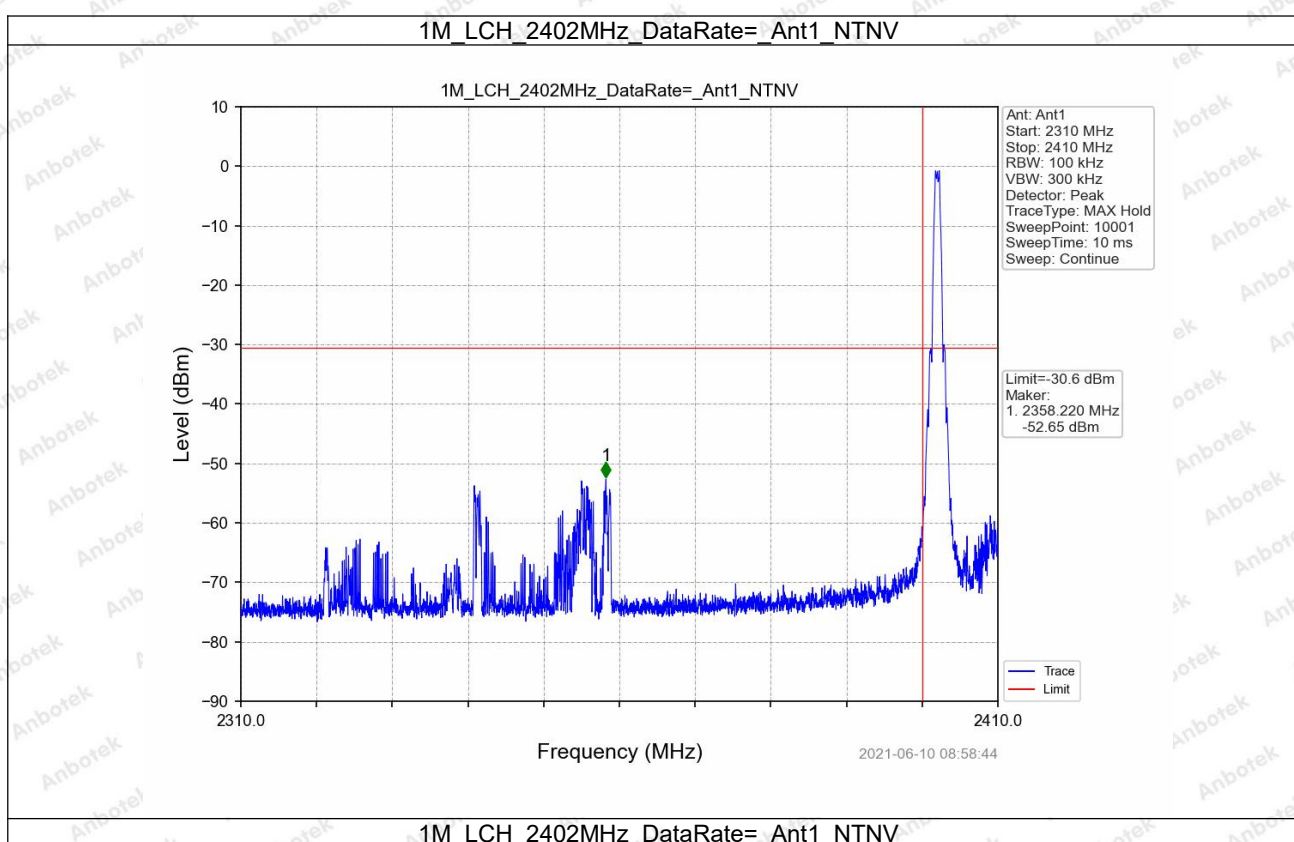
5.2 CSE

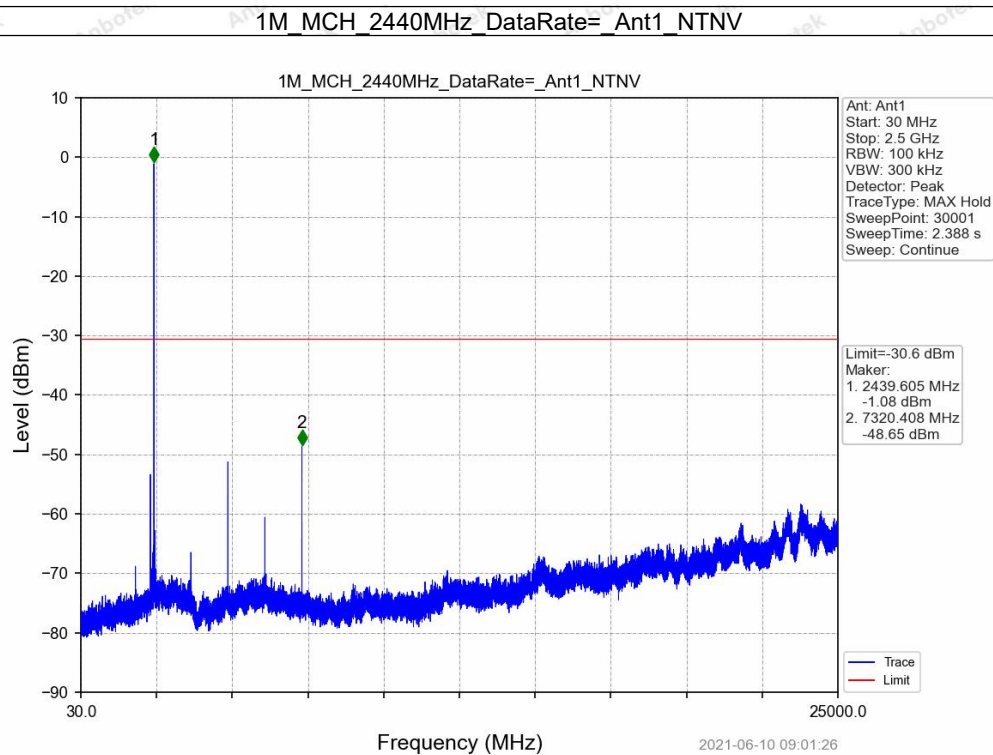
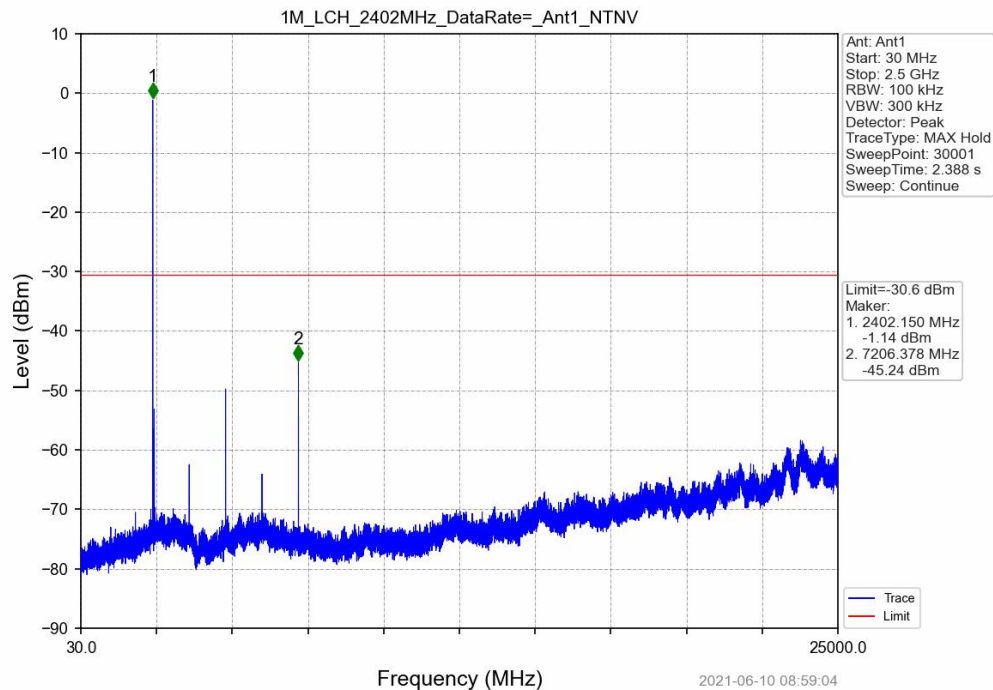
5.2.1 Test Result

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	Pass
		2440	1	Refer To Test Graph	Refer To Test Graph	Pass
		2480	1	Refer To Test Graph	Refer To Test Graph	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: Only for Report Use

5.2.2 Test Graph





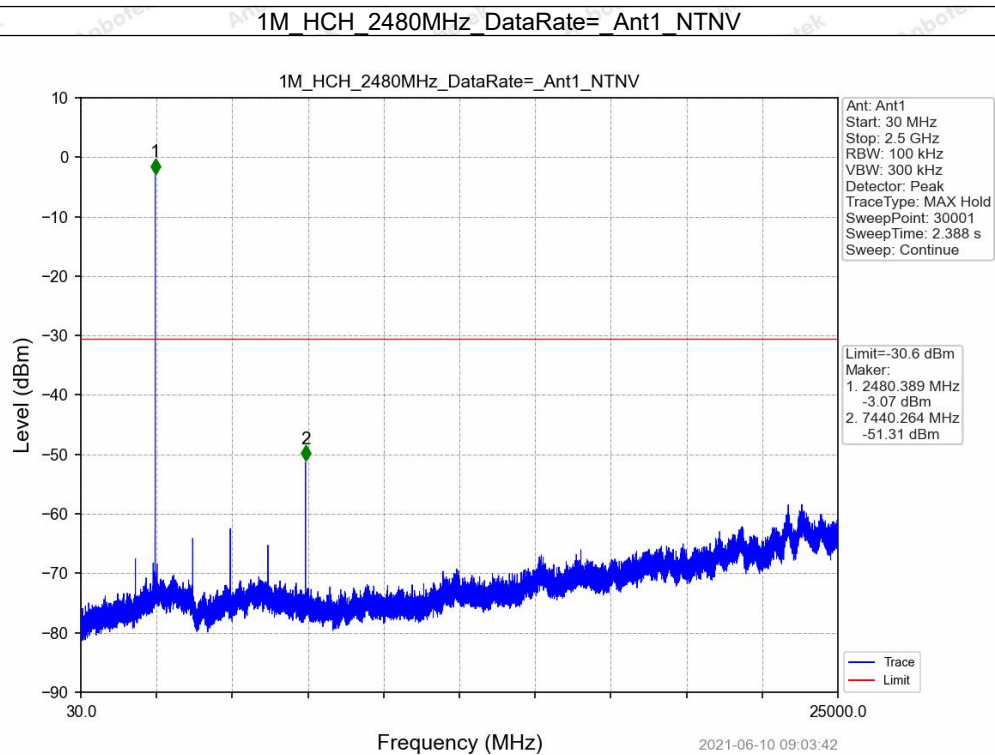
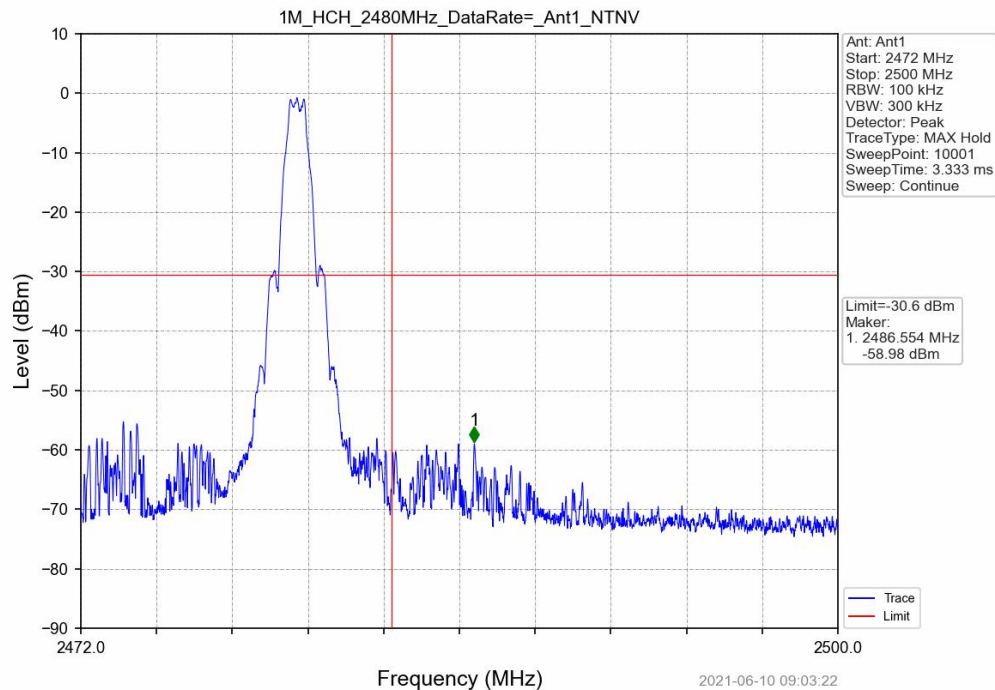
1M_HCH_2480MHz_DataRate=_Ant1_NTNV

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