

## Appendix Test Data

Project No.:	18220WC10106602	Test Date:	2021.5.31
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	57 %
Pressure:	1012 hPa		

### 1. Bandwidth

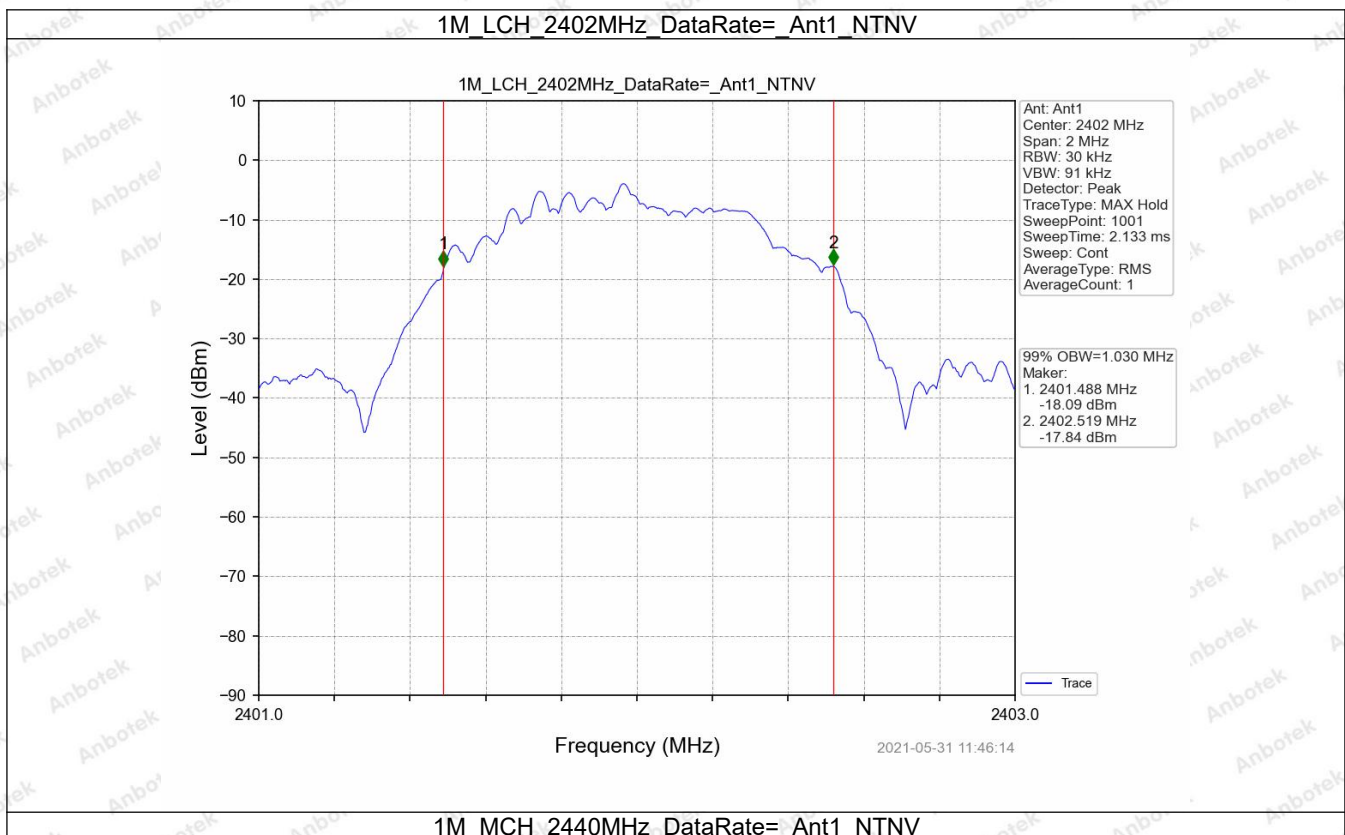
#### 1.1 OBW

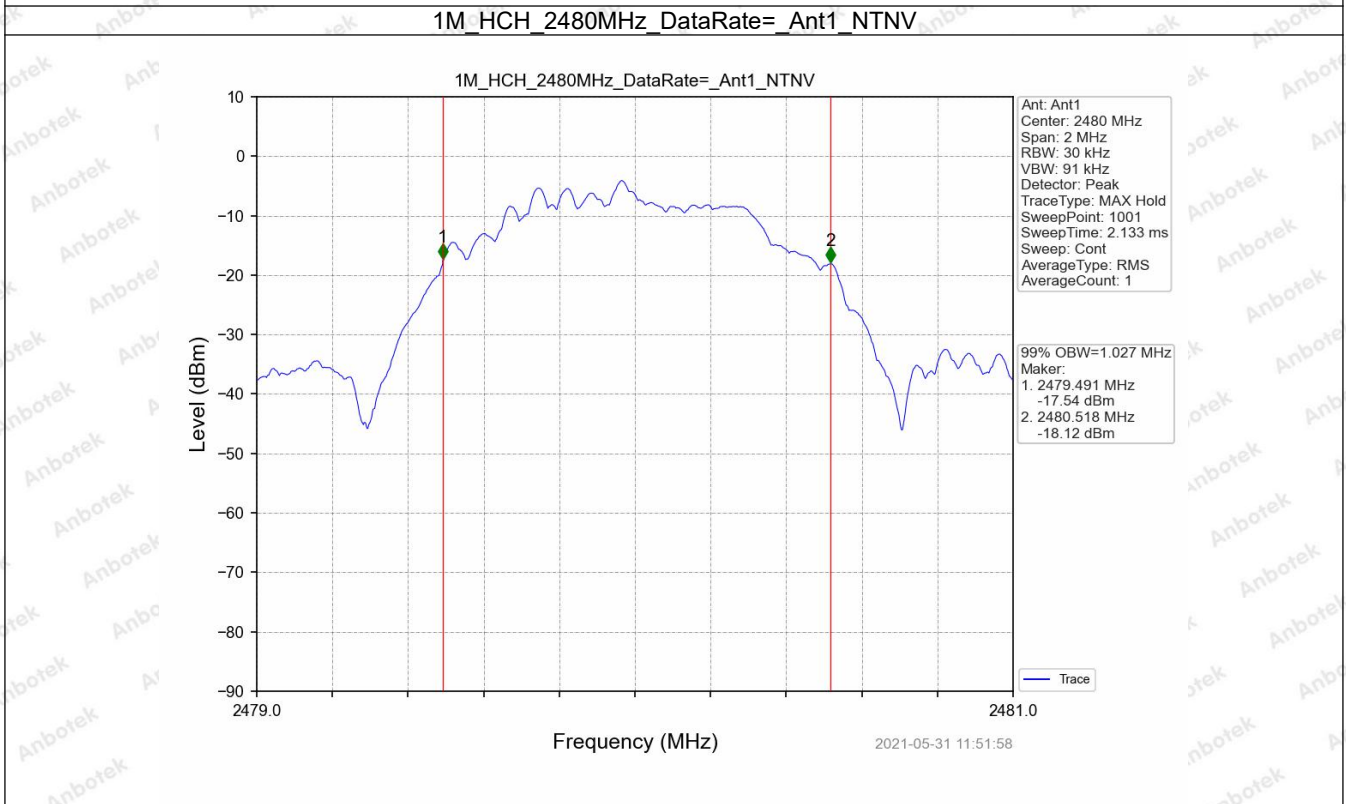
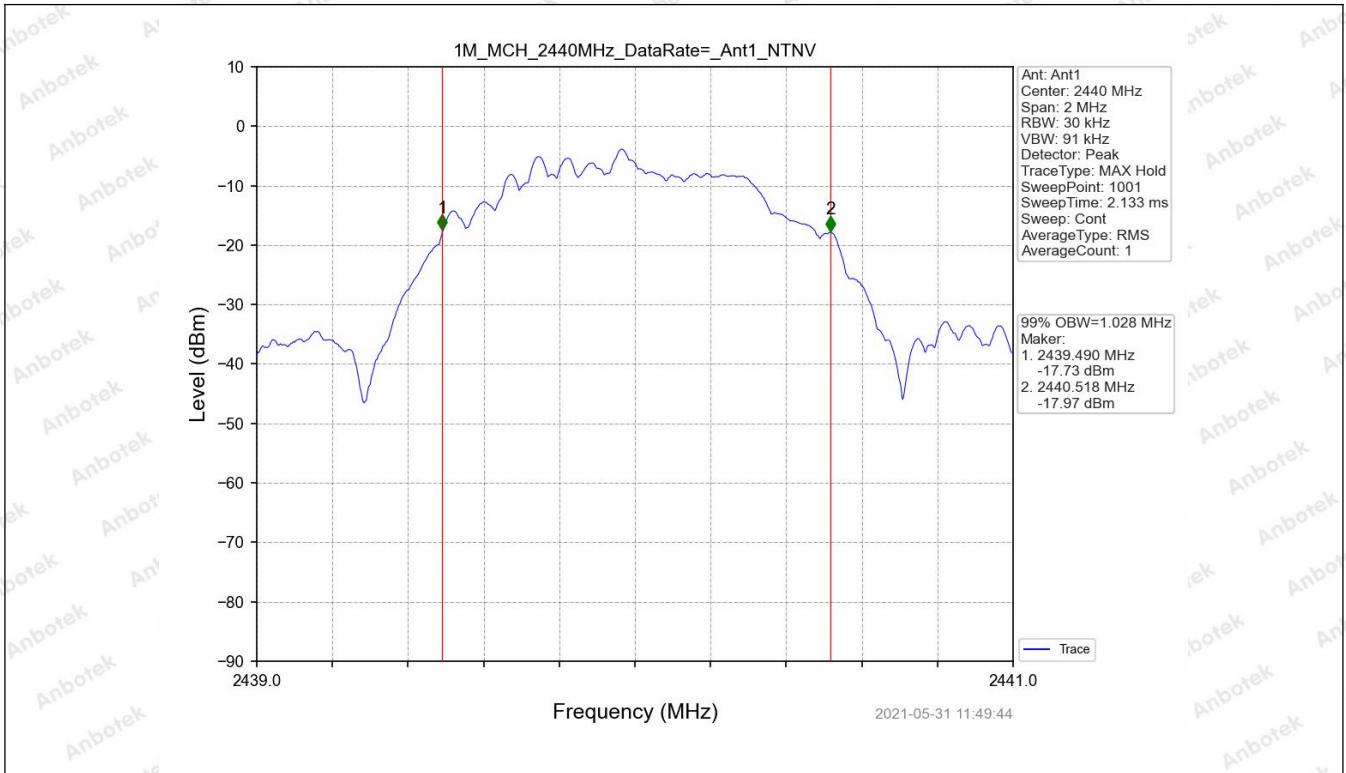
##### 1.1.1 Test Result

Mode	TX Type	Frequency (MHz)	99% Occupied Bandwidth (MHz)		Limit (MHz)	Verdict
			Ant1			
1M	SISO	2402	1.030		/	Note1
		2440	1.028		/	Note1
		2480	1.027		/	Note1

Note1: Only for Report Use

##### 1.1.2 Test Graph



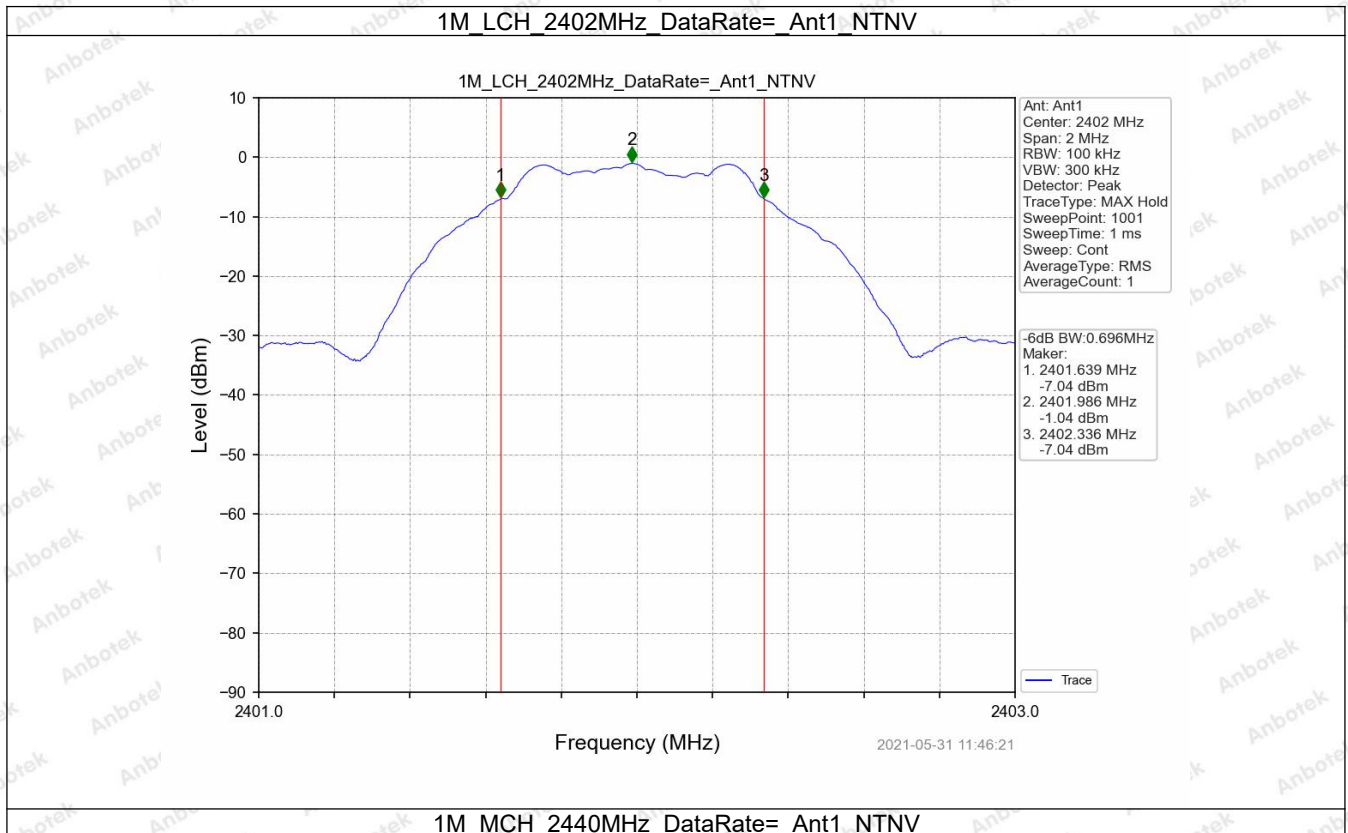


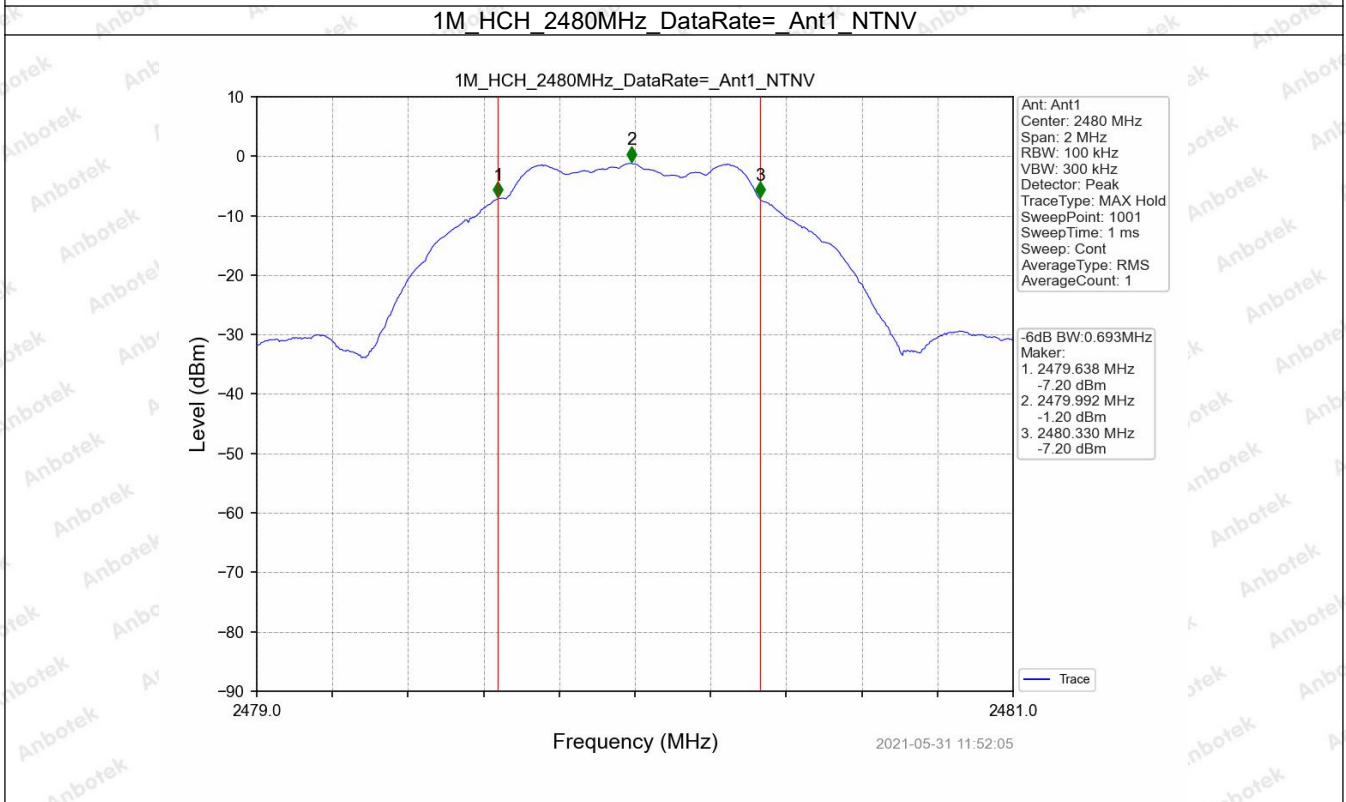
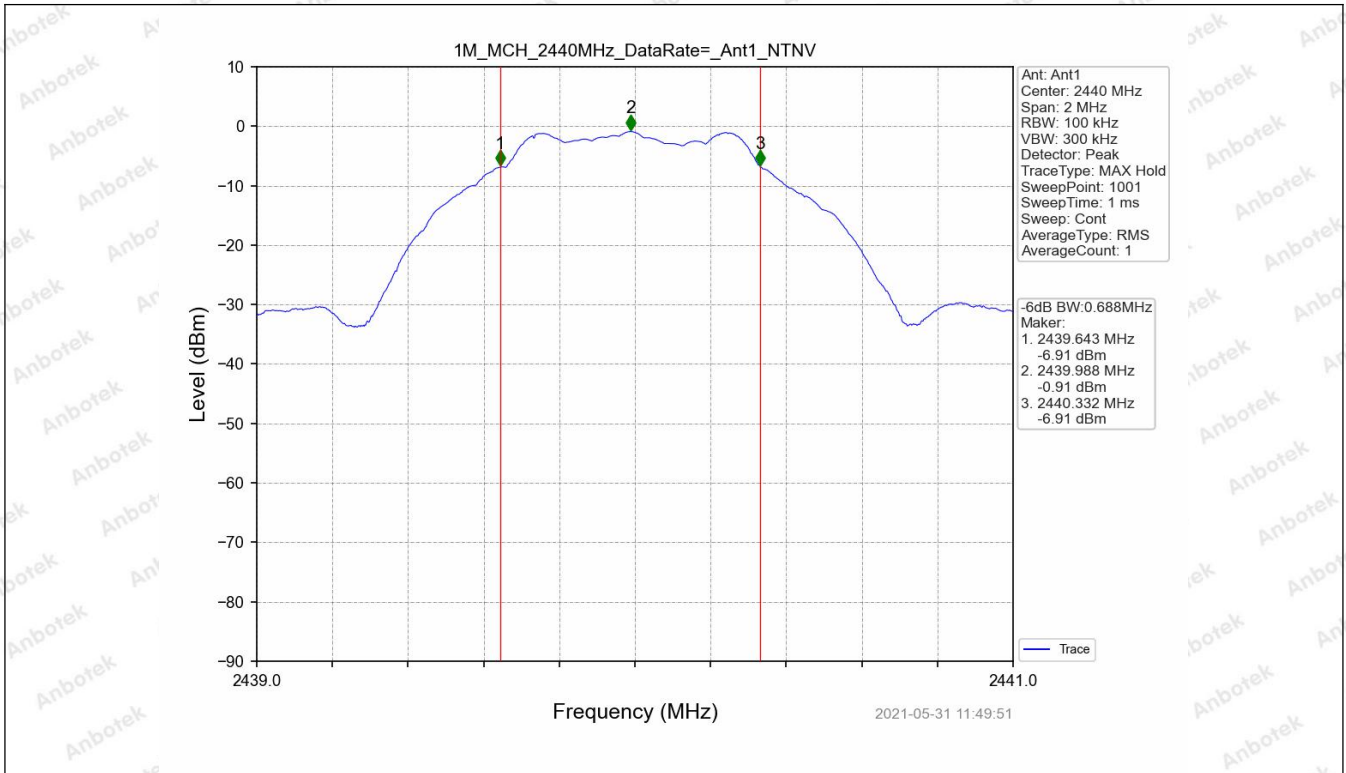
## 1.2 XDB

### 1.2.1 Test Result

Mode	TX Type	Frequency (MHz)	6dB Bandwidth (MHz)		Limit (MHz)	Verdict
			Ant1			
1M	SISO	2402	0.696		>=0.5	Pass
		2440	0.688		>=0.5	Pass
		2480	0.693		>=0.5	Pass

### 1.2.2 Test Graph





## 2. Maximum Conducted Output Power

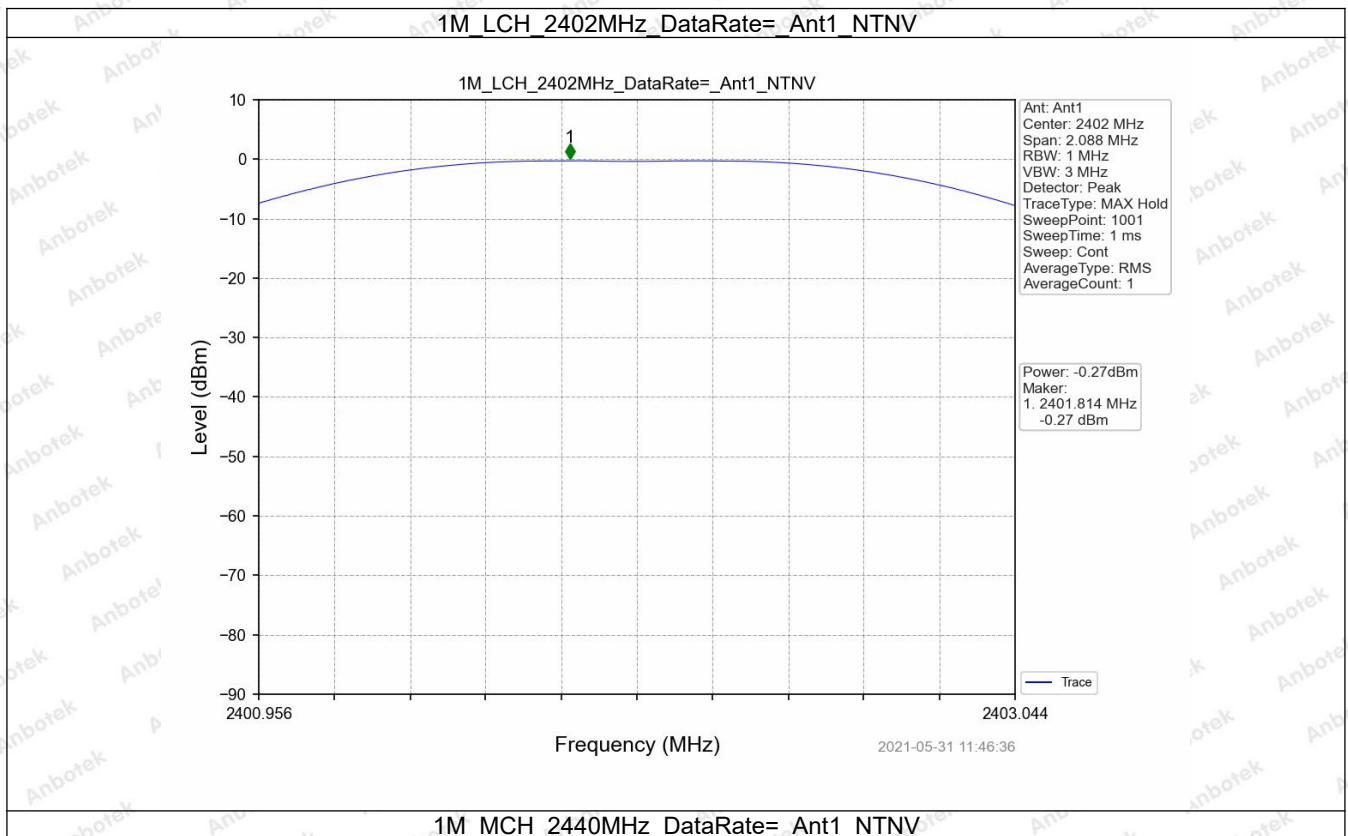
### 2.1 Power

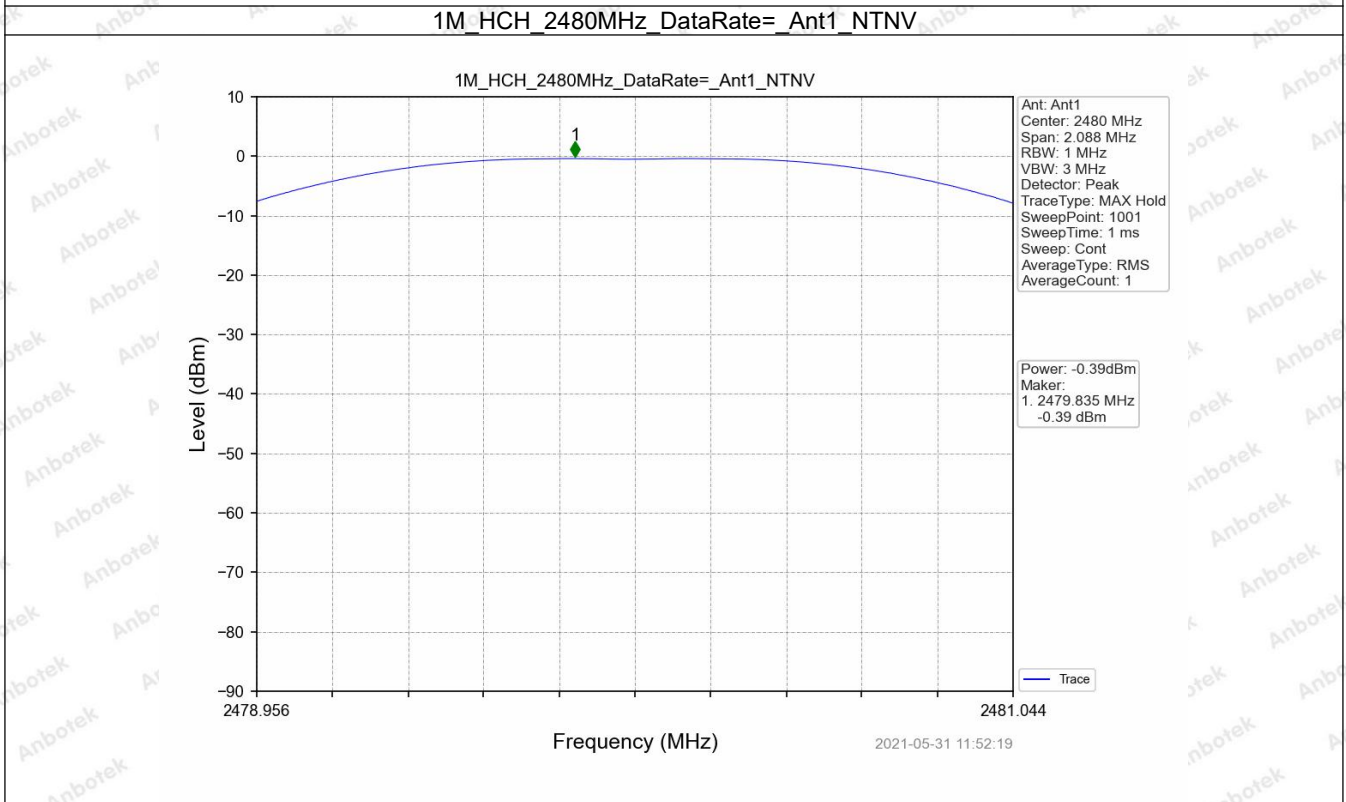
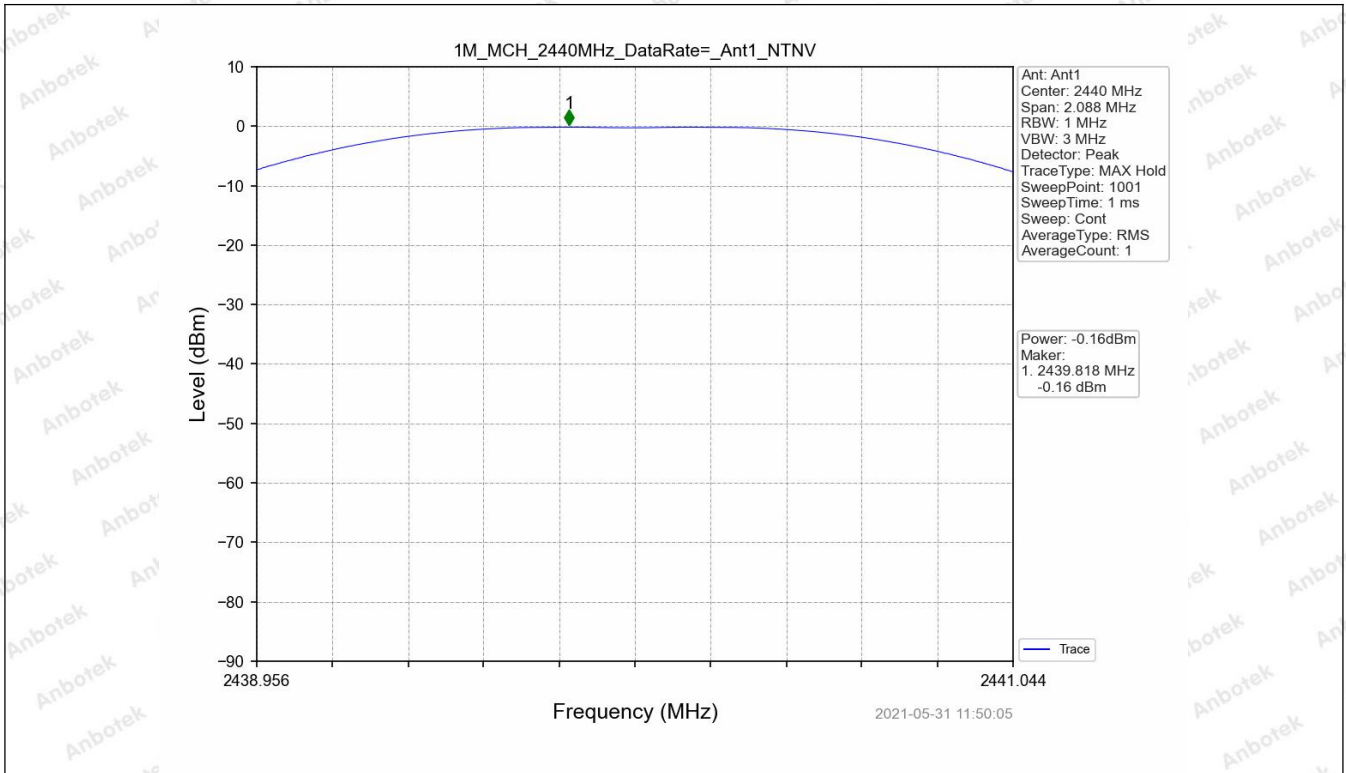
#### 2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Measured Peak Output Power (dBm)		Limit (dBm)	Verdict
			Ant1			
1M	SISO	2402	-0.27		<=30	Pass
		2440	-0.16		<=30	Pass
		2480	-0.39		<=30	Pass

Note1: Antenna Gain: -0.21dBi;

#### 2.1.2 Test Graph





### 3. Unwanted Emissions In Non-restricted Frequency Bands

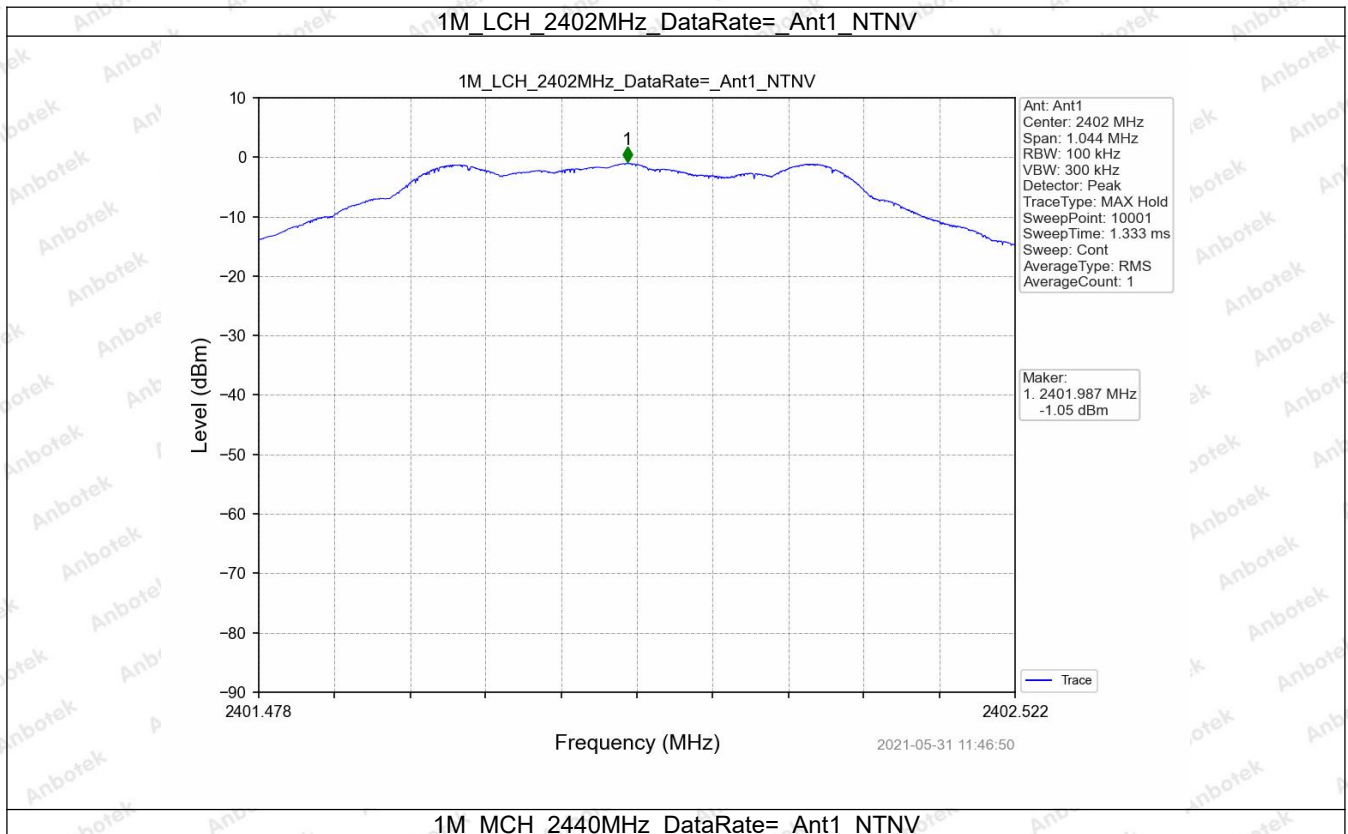
#### 3.1 Ref

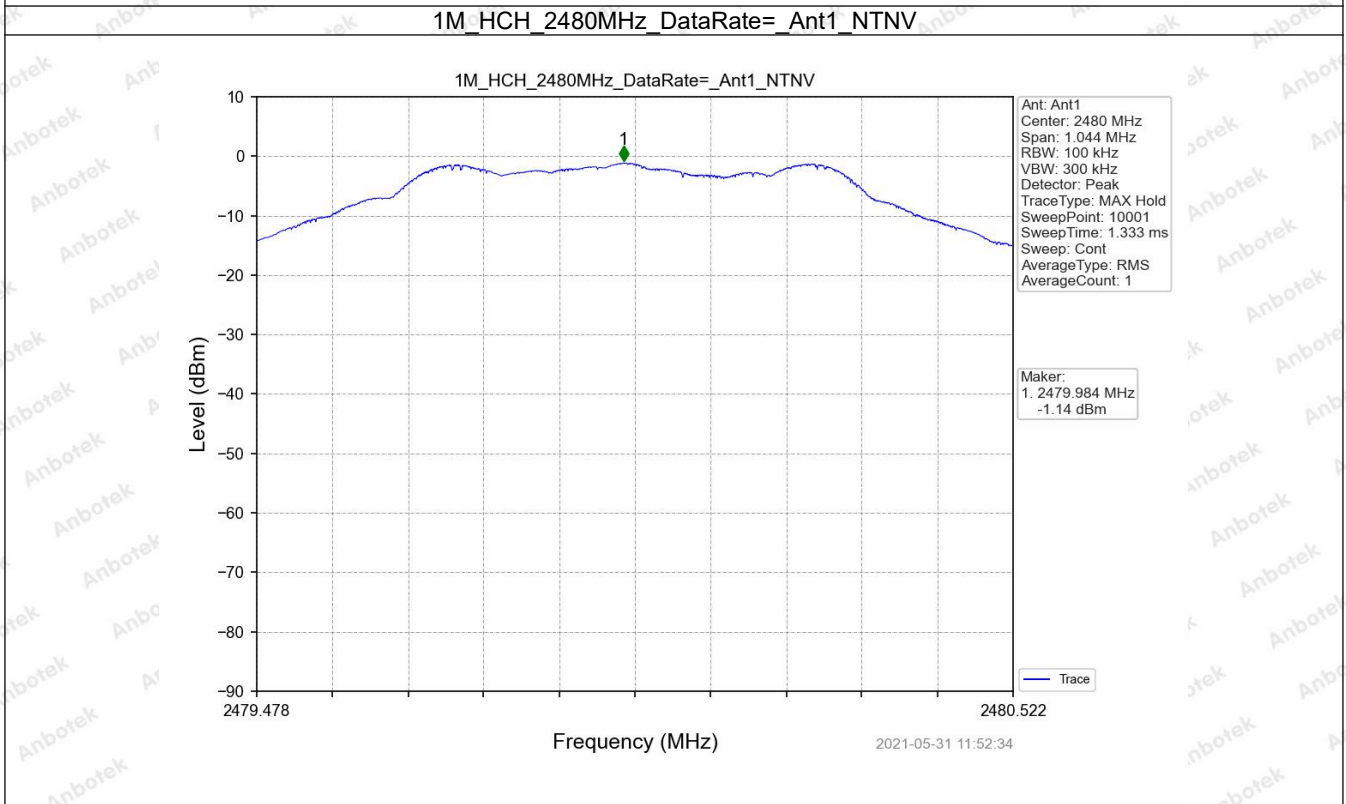
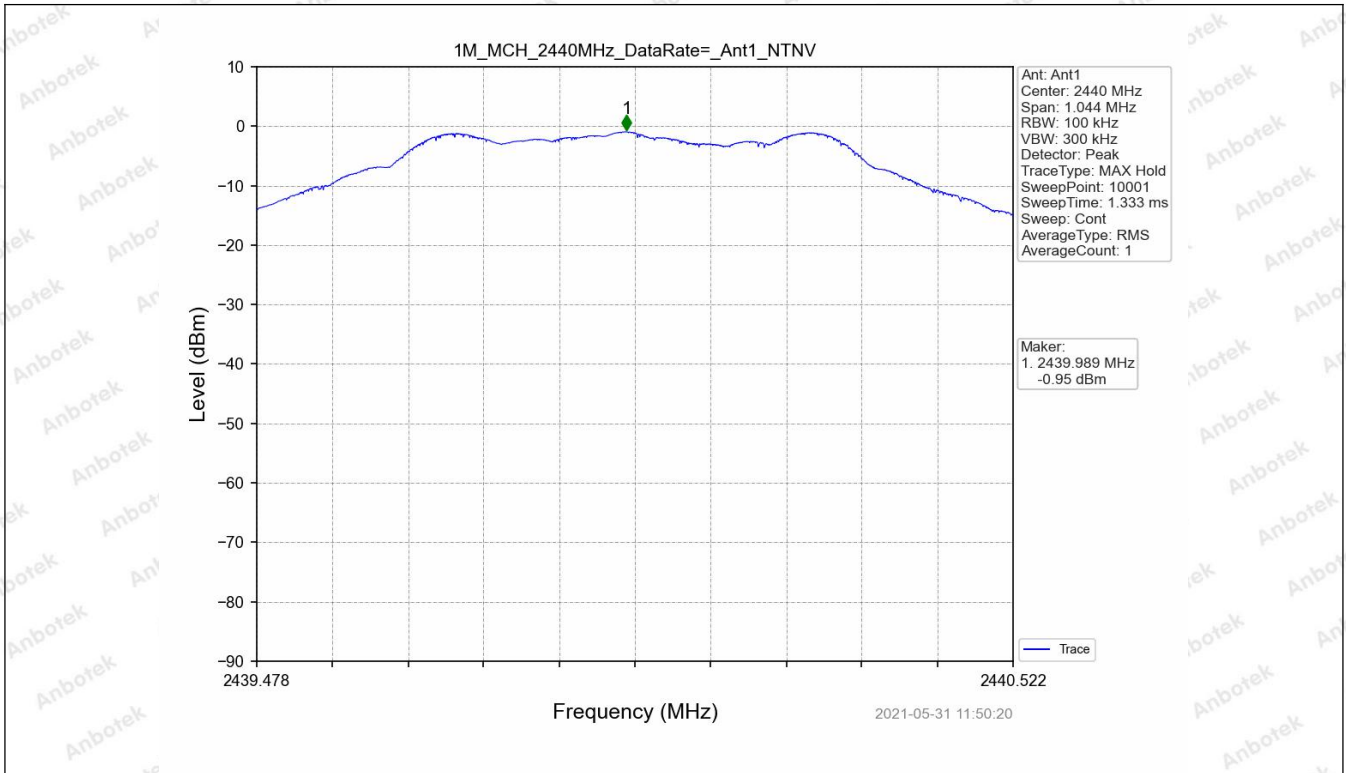
##### 3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	-1.05	/	/
		2440	-0.95	/	/
		2480	-1.14	/	/

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







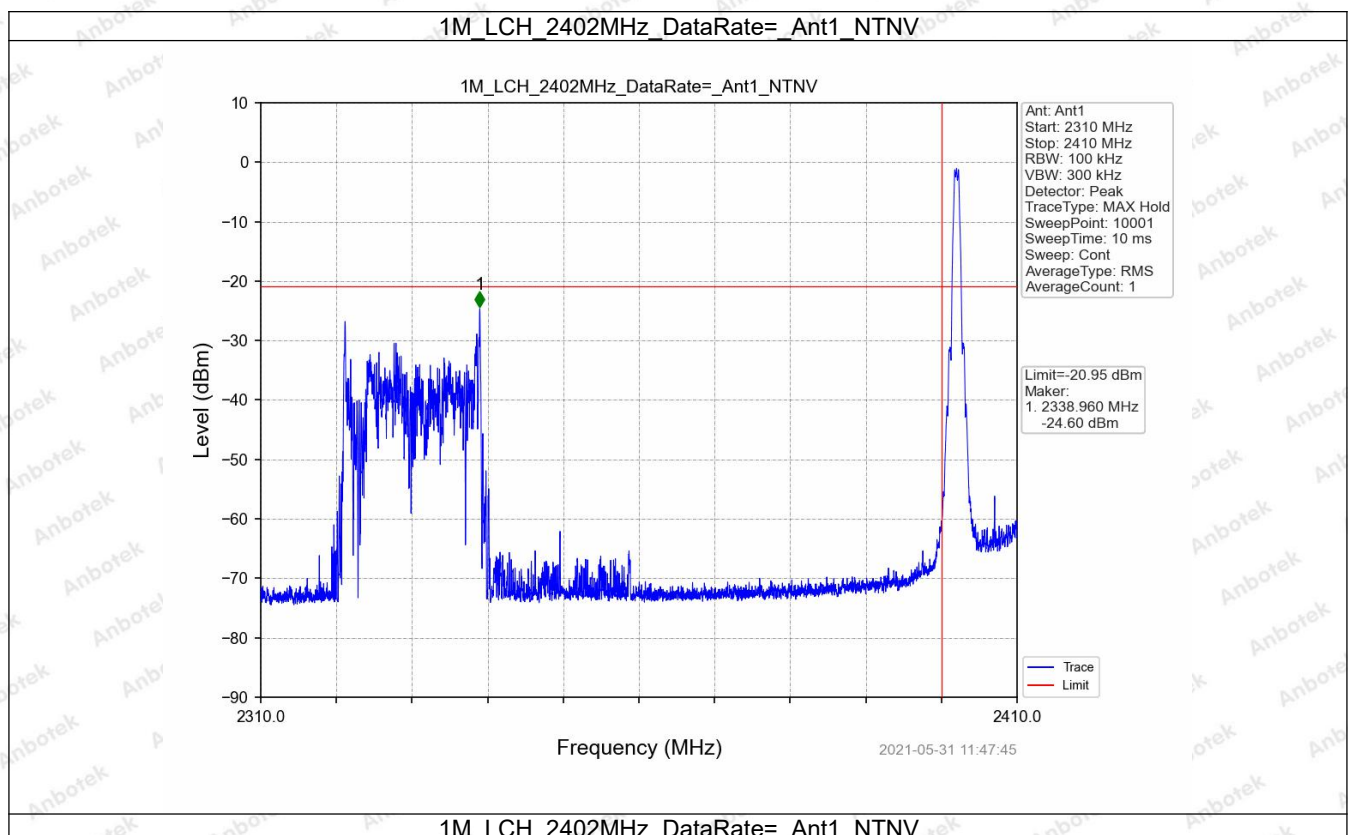
## 3.2 CSE

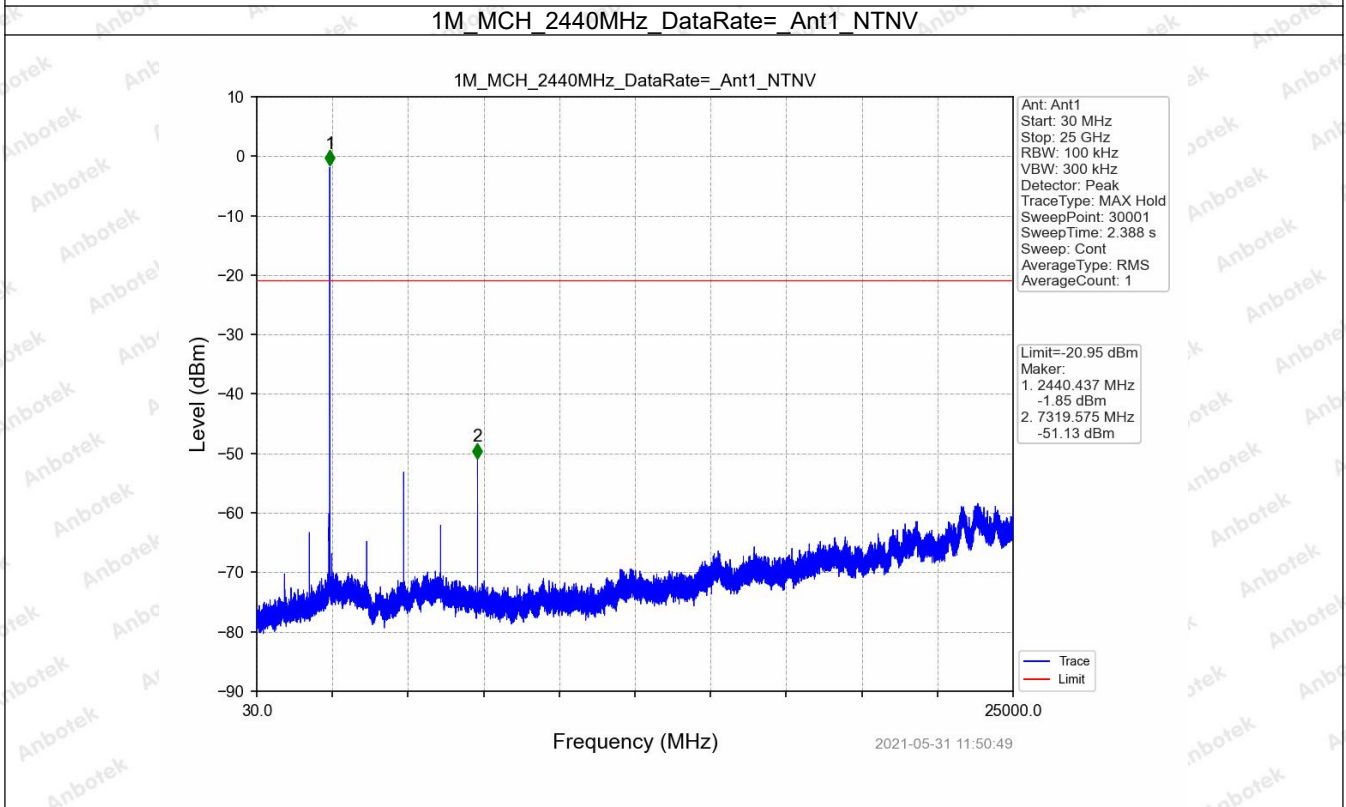
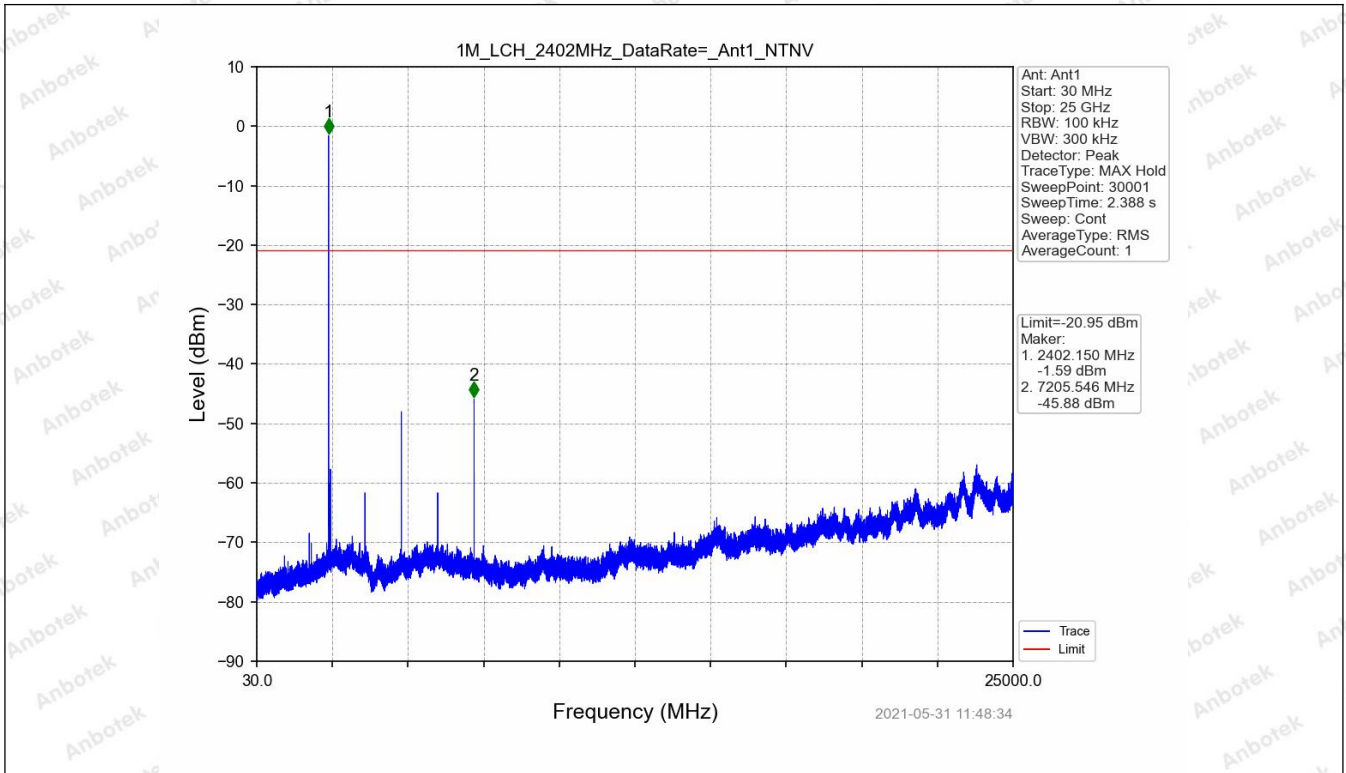
### 3.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	Refer To Test Graph	<=-20.95	Pass
		2440	Refer To Test Graph	<=-20.95	Pass
		2480	Refer To Test Graph	<=-20.95	Pass

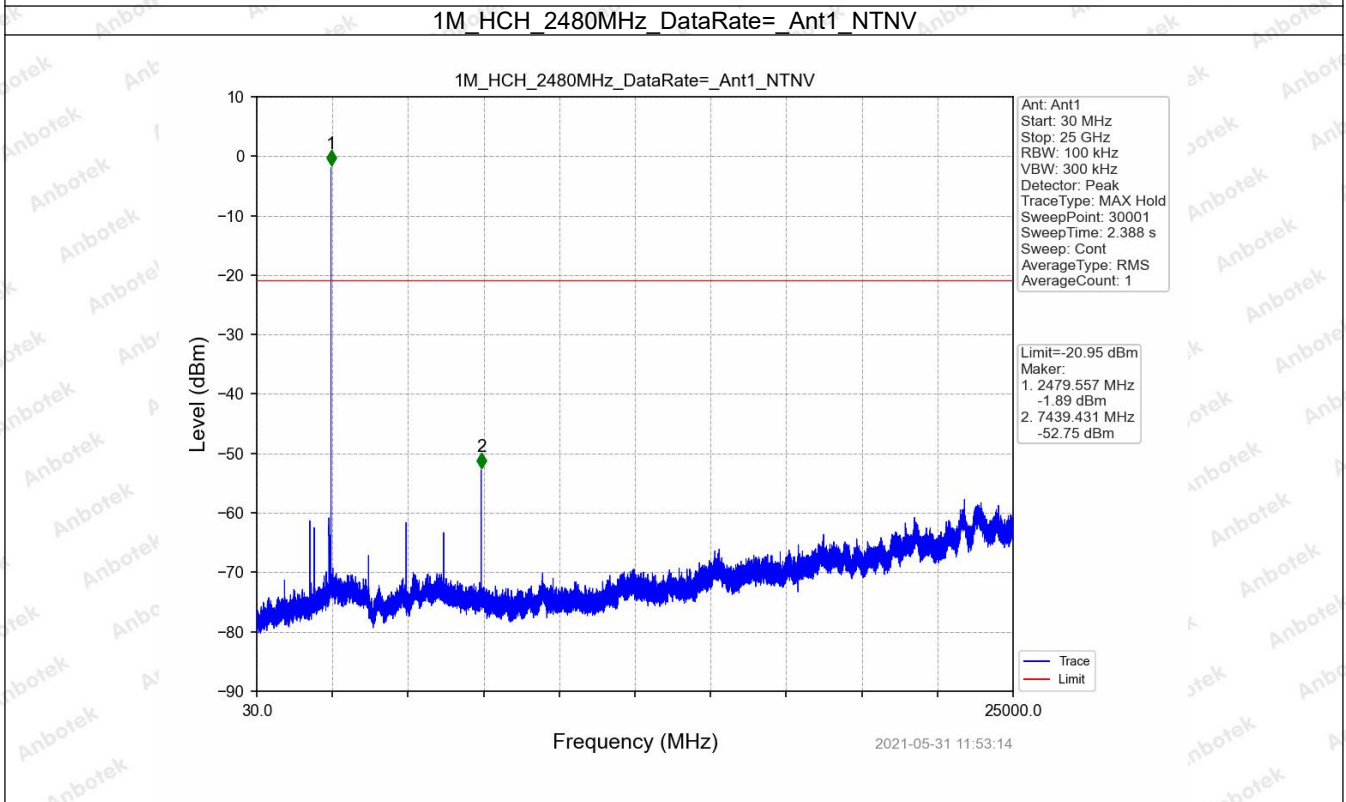
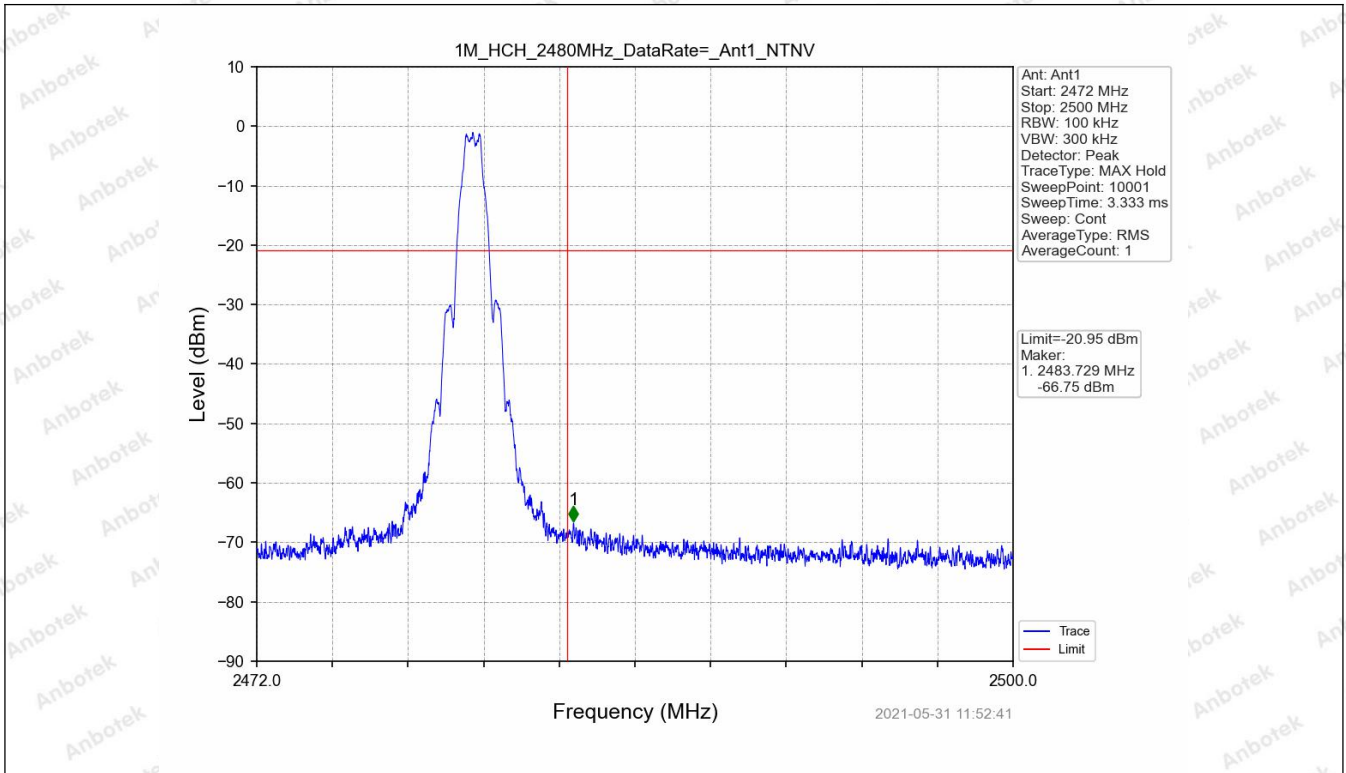
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

### 3.2.2 Test Graph





1M\_HCH\_2480MHz\_DataRate= Ant1\_NTNV



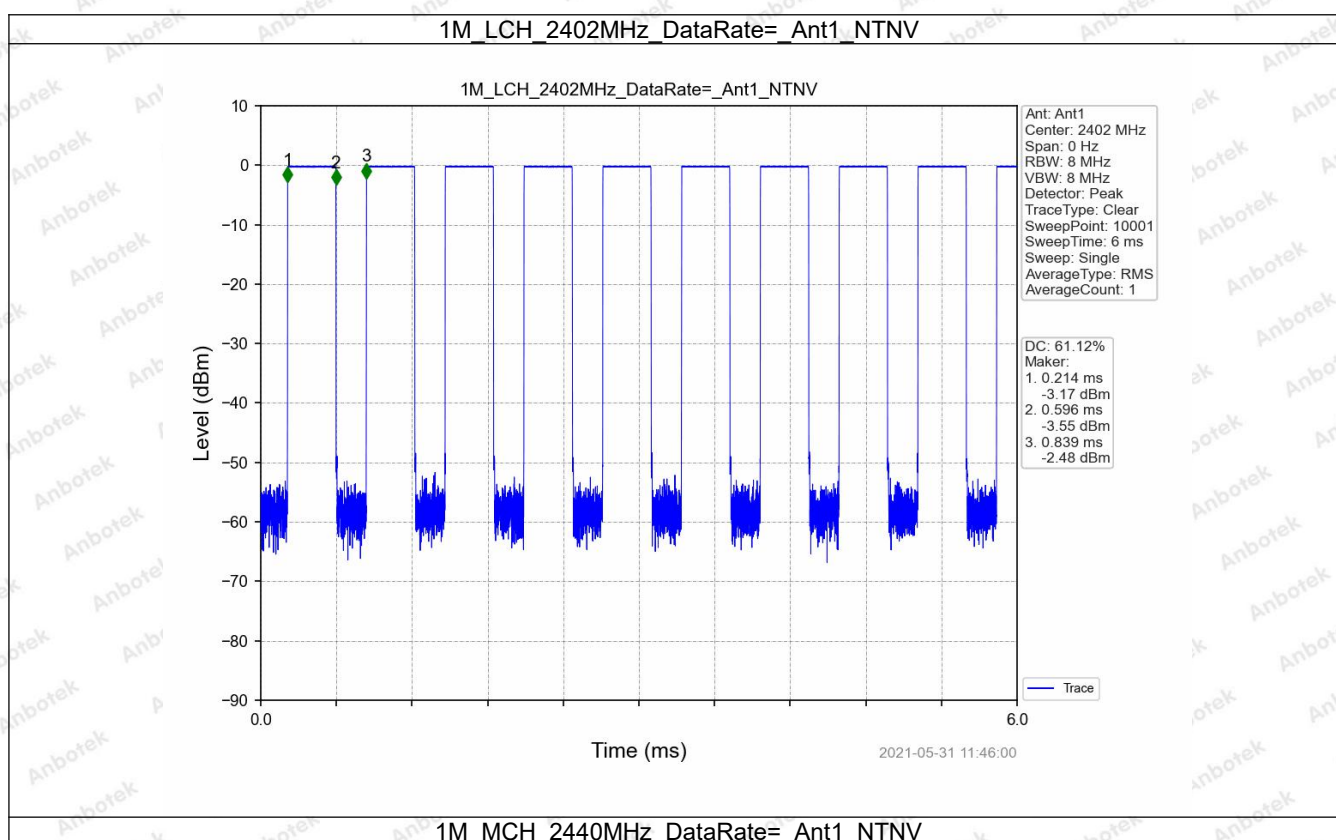
## 4. Duty Cycle

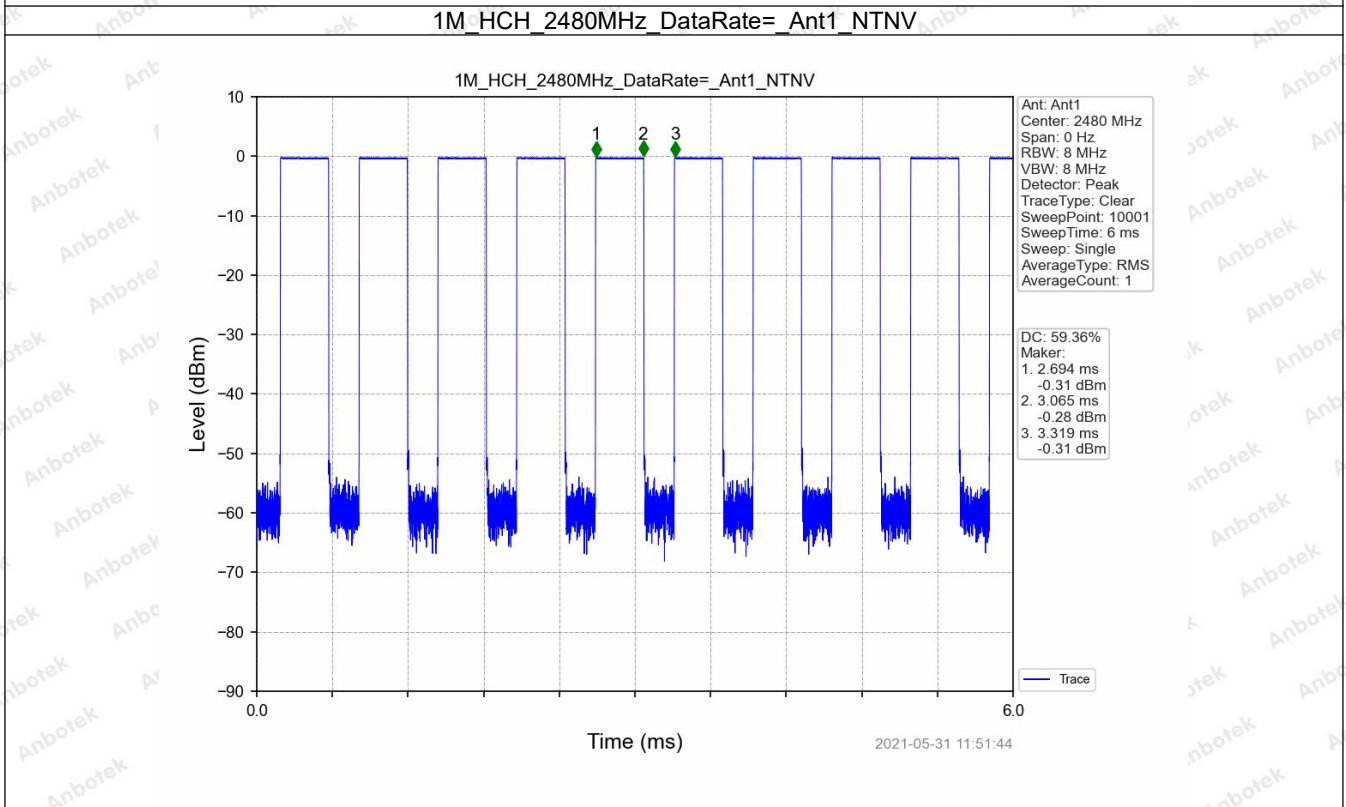
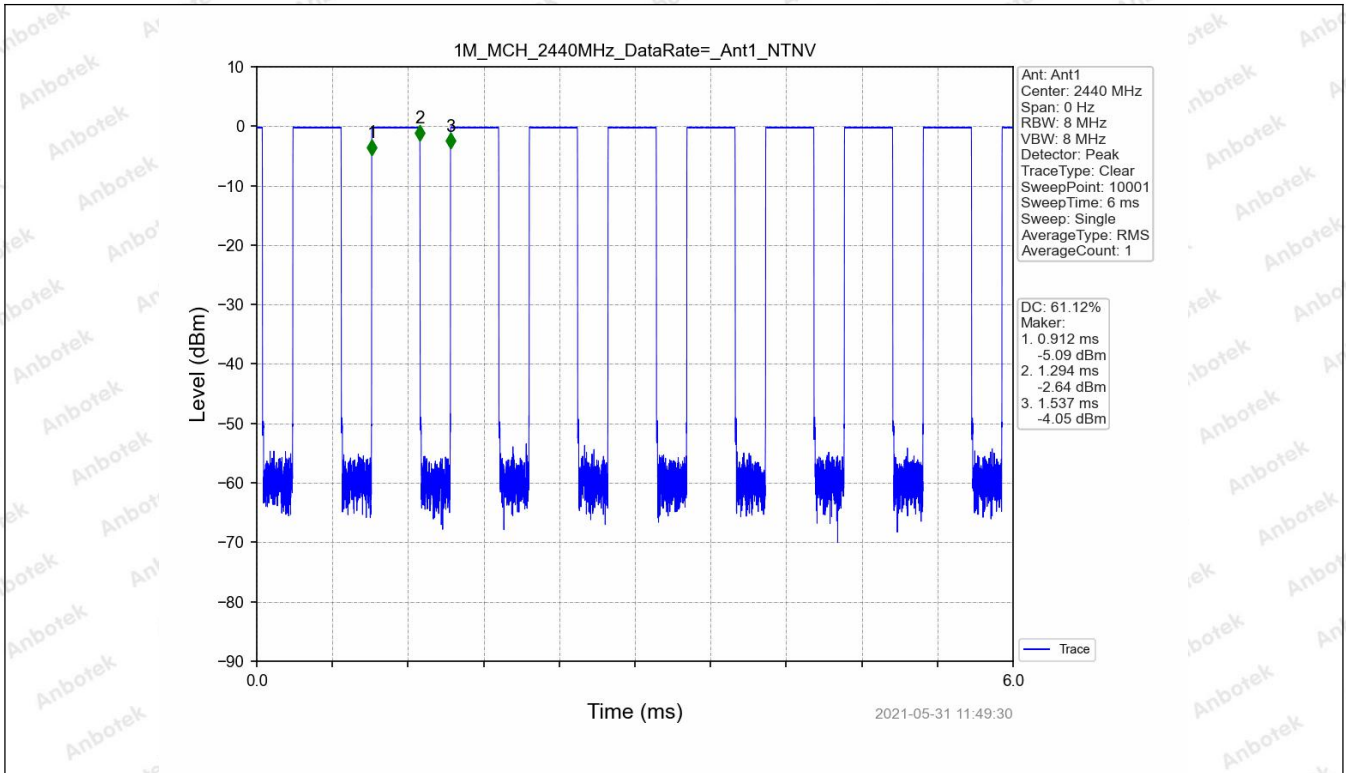
### 4.1 Ant1

#### 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	0.38	0.62	61.12	2.14	0.10
		2440	0.38	0.62	61.12	2.14	0.06
		2480	0.37	0.62	59.36	2.27	0.04

#### 4.1.2 Test Graph





## 5. Maximum Power Spectral Density

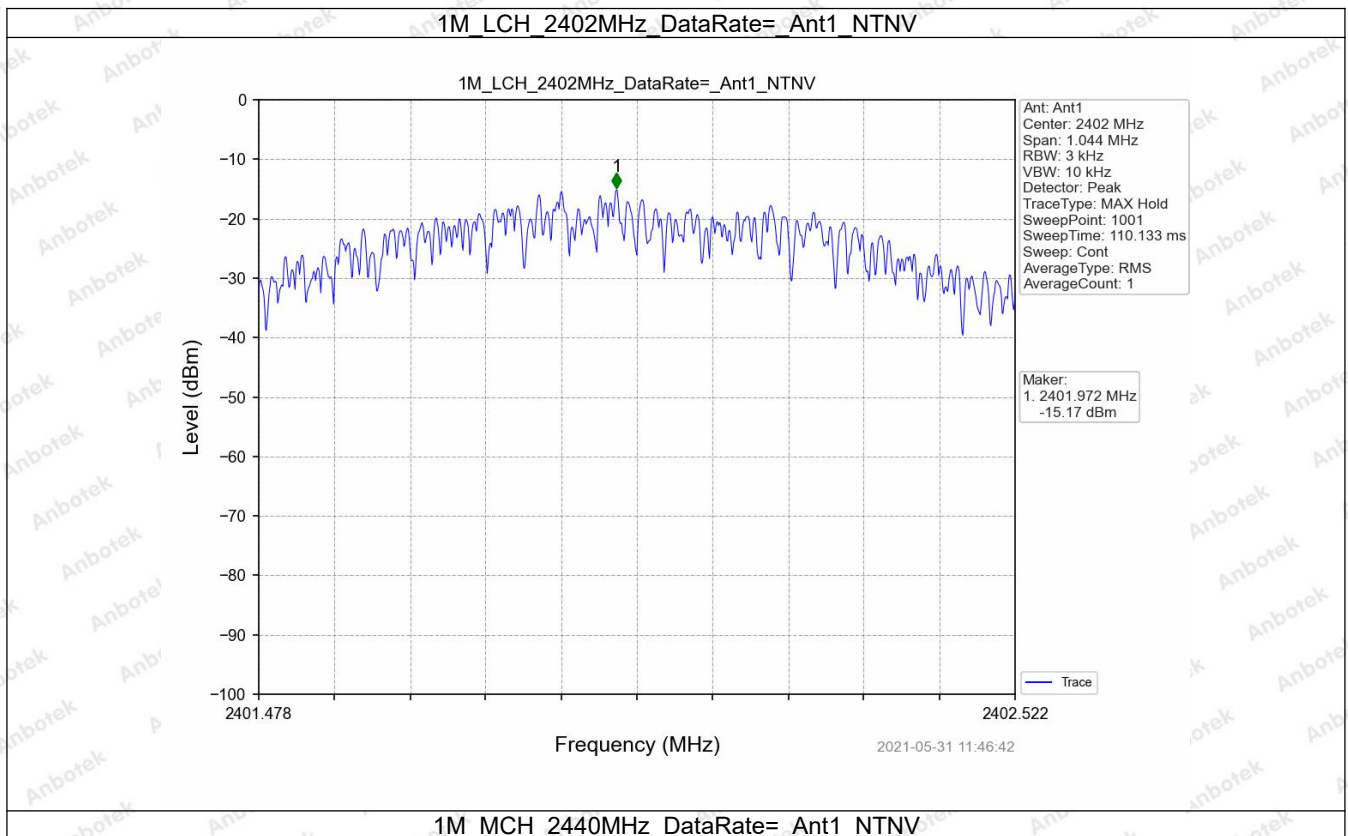
### 5.1 PSD

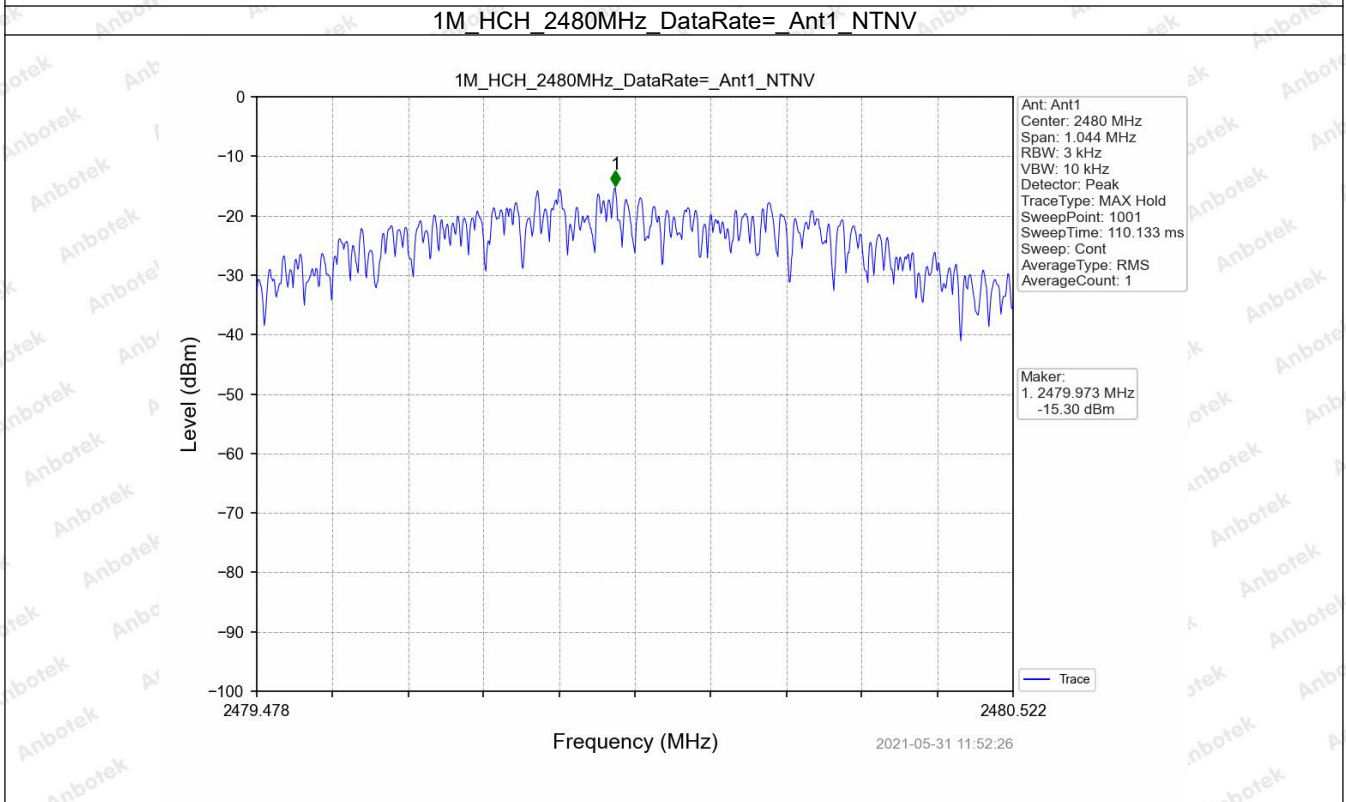
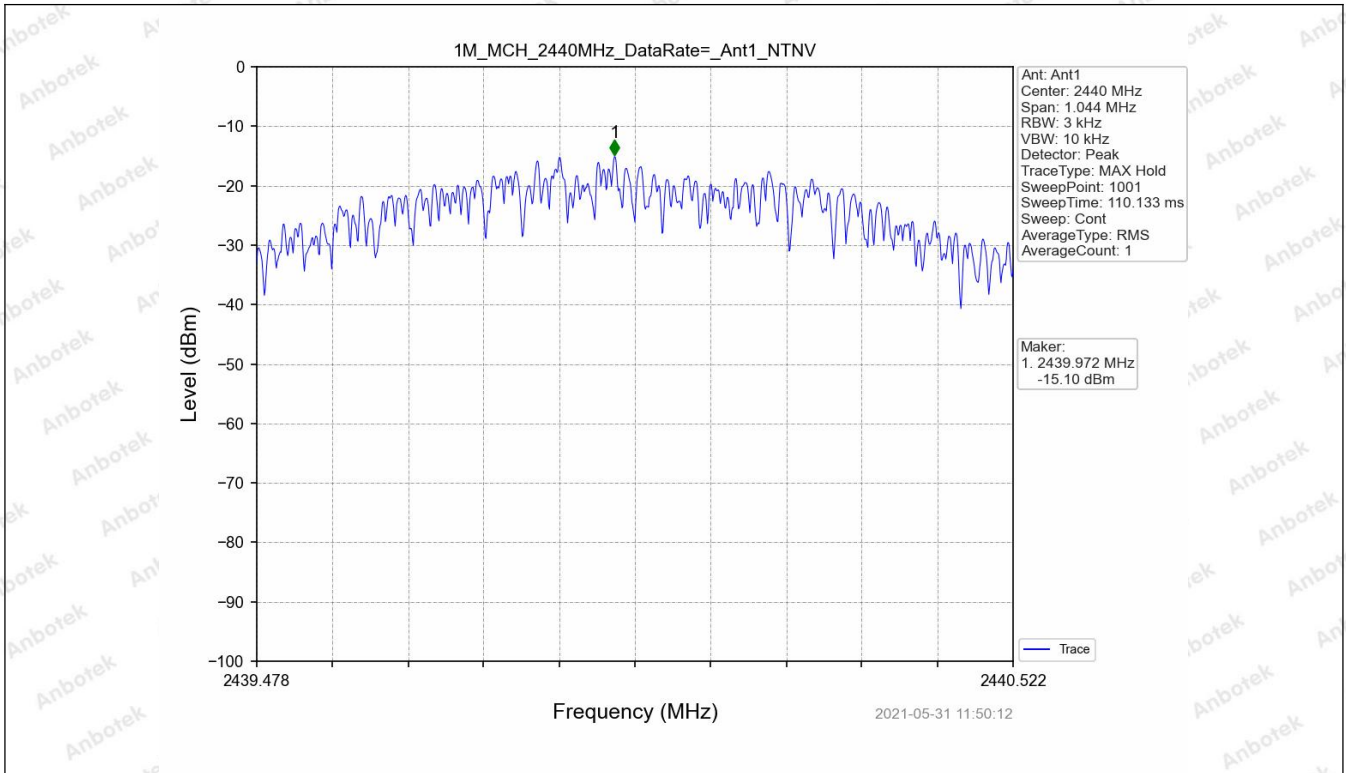
#### 5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
			Ant1		
1M	SISO	2402	-15.17	<=8	Pass
		2440	-15.10	<=8	Pass
		2480	-15.30	<=8	Pass

Note1: Antenna Gain: -0.21dBi;

#### 5.1.2 Test Graph





---End---