

## Appendix Test Data

Project No.:	18220WC10141102	Test Date:	2021.6.28
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	56.2%
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	0.00
		2440	0.38	0.62	61.28	2.13	0.03
		2480	0.38	0.62	61.12	2.14	0.03

Note1: Only for Report Use

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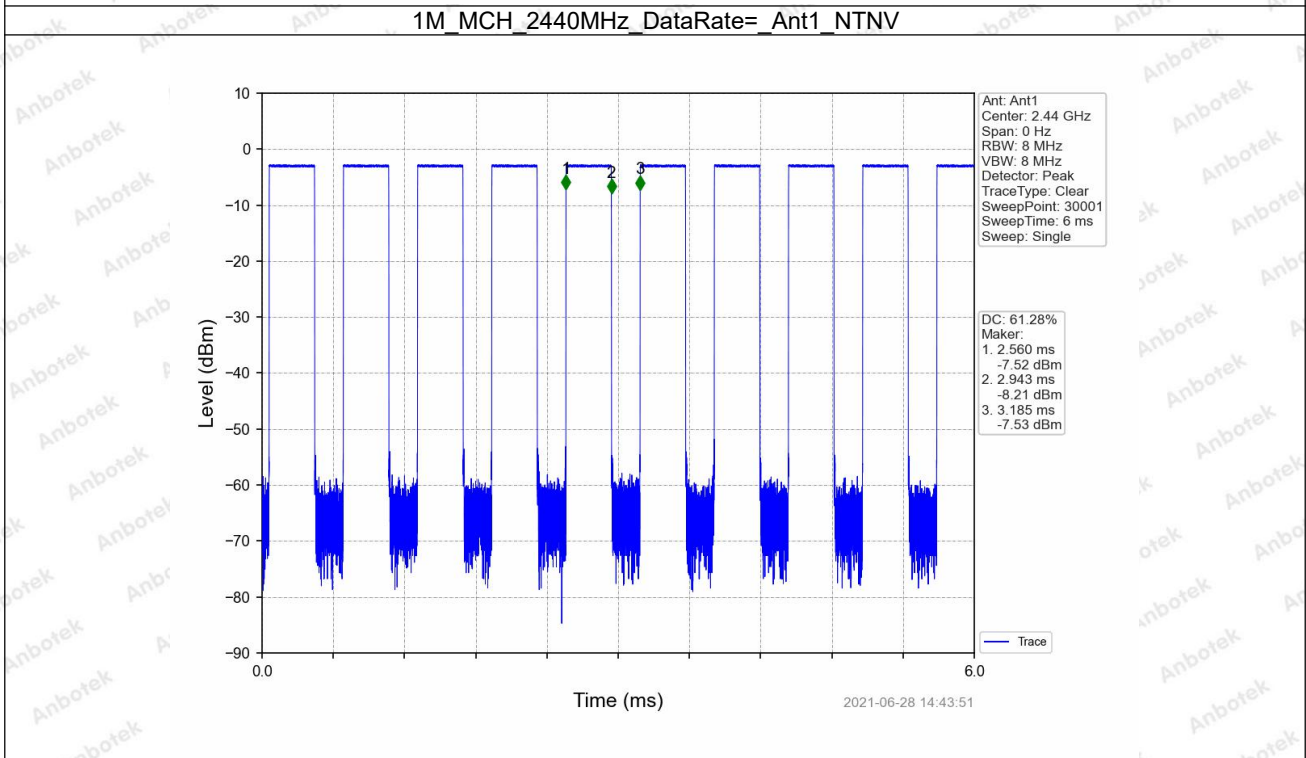
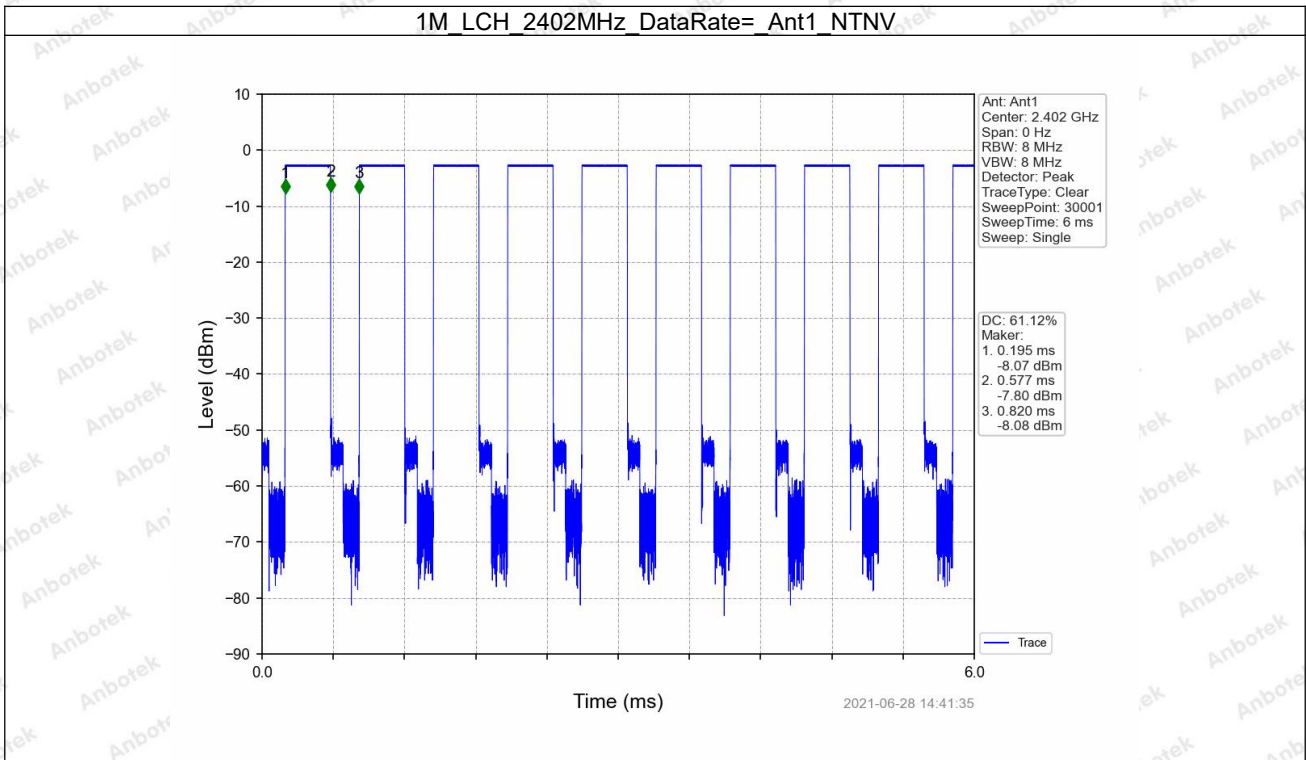


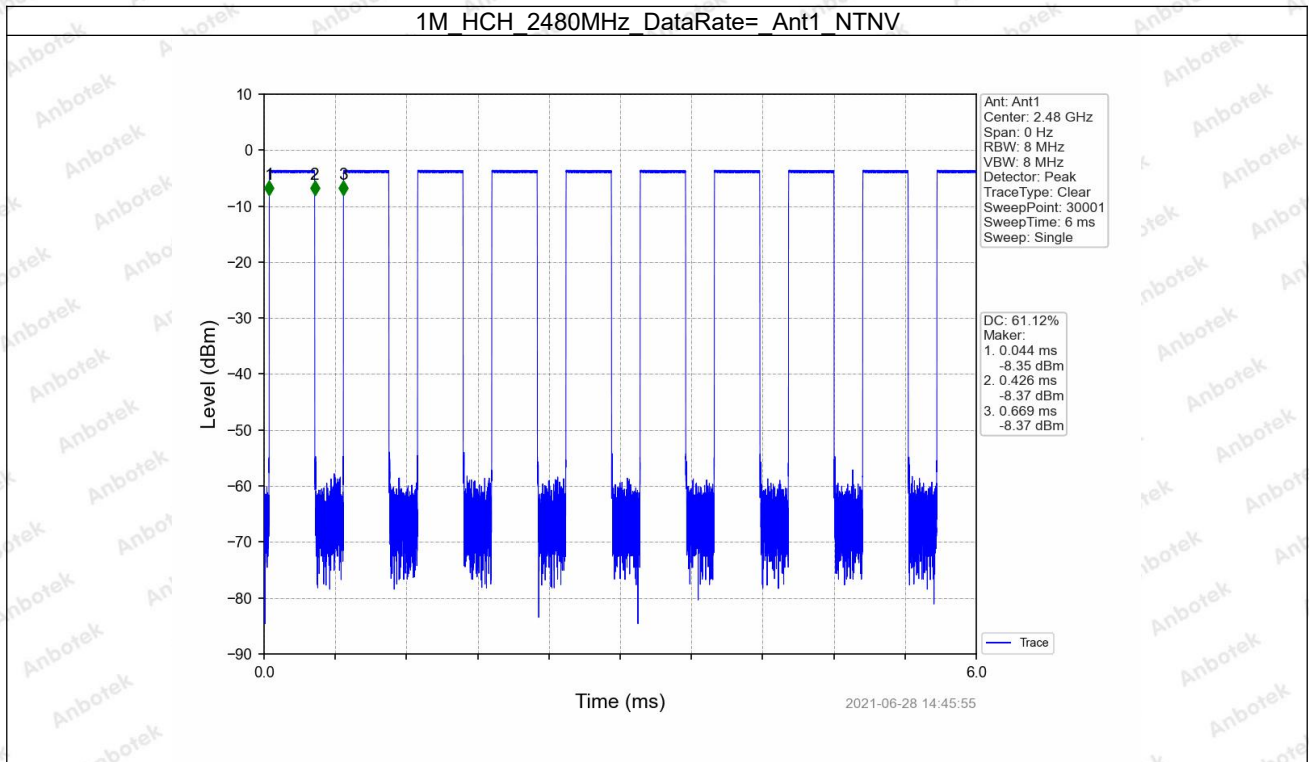
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## 1.1.2 Test Graph





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## 2. Bandwidth

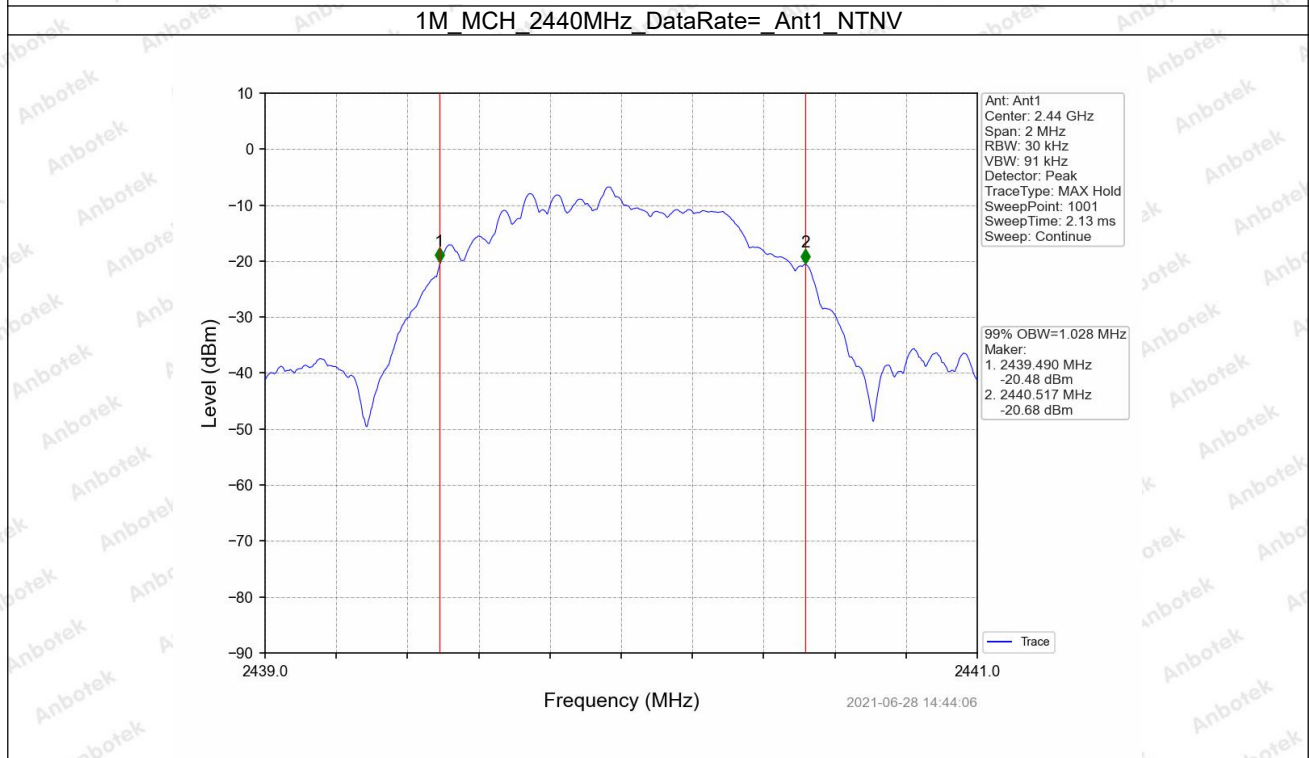
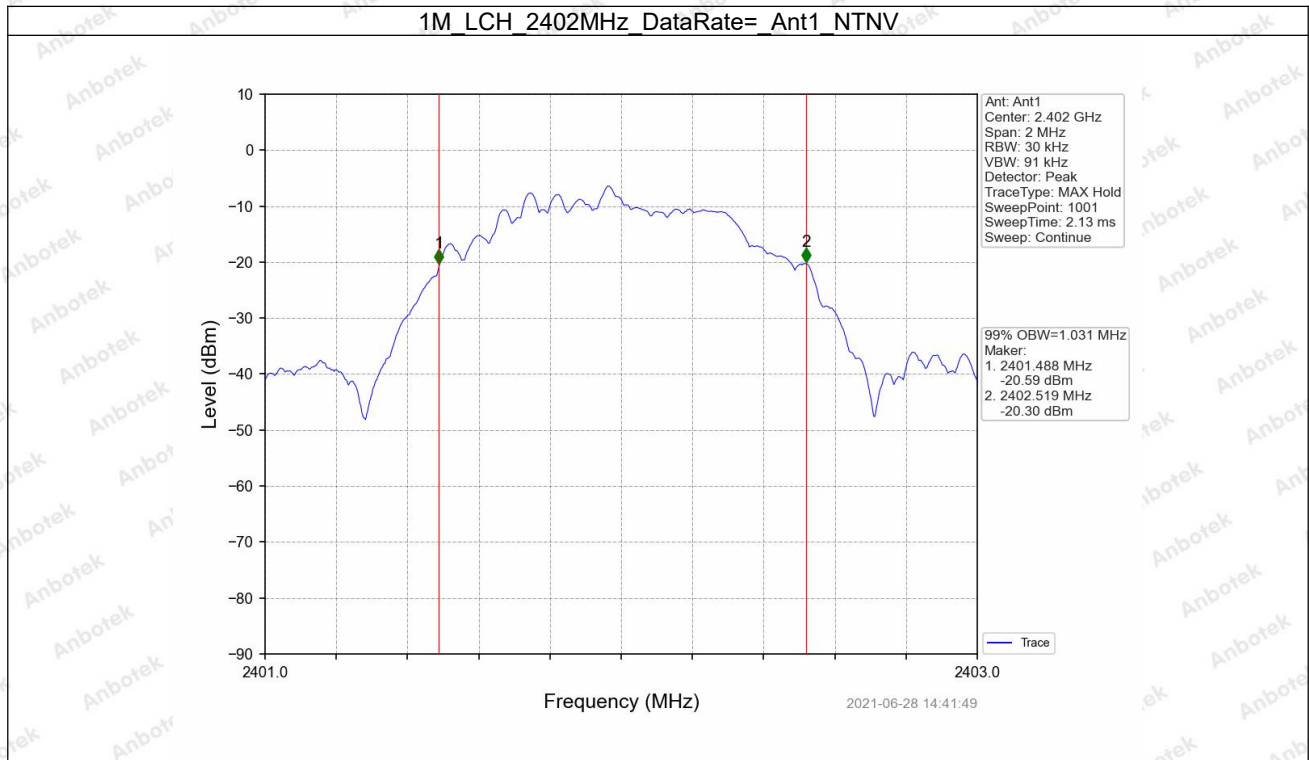
### 2.1 OBW

#### 2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Limit	Verdict
1M	SISO	2402	1	1.03	/	Note1
		2440	1	1.03	/	Note1
		2480	1	1.03	/	Note1

Note1: Only for Report Use

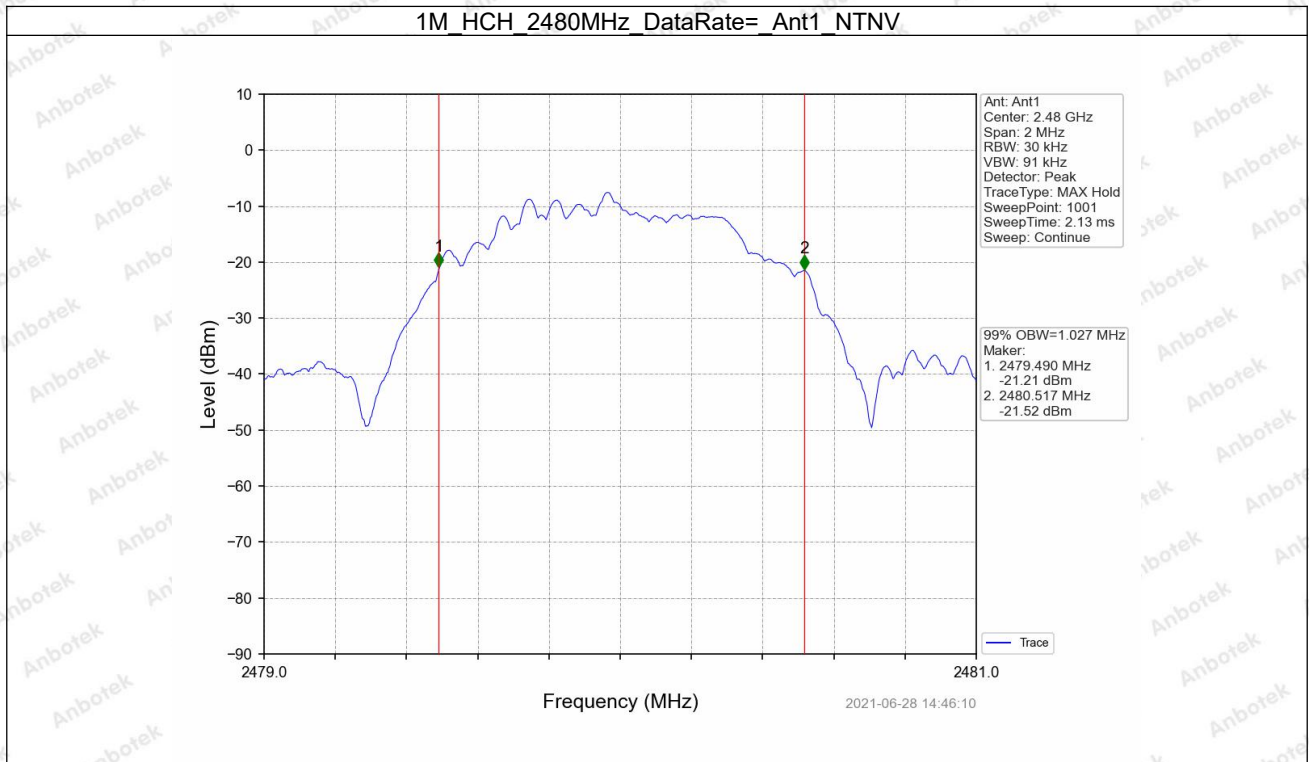
## 2.1.2 Test Graph



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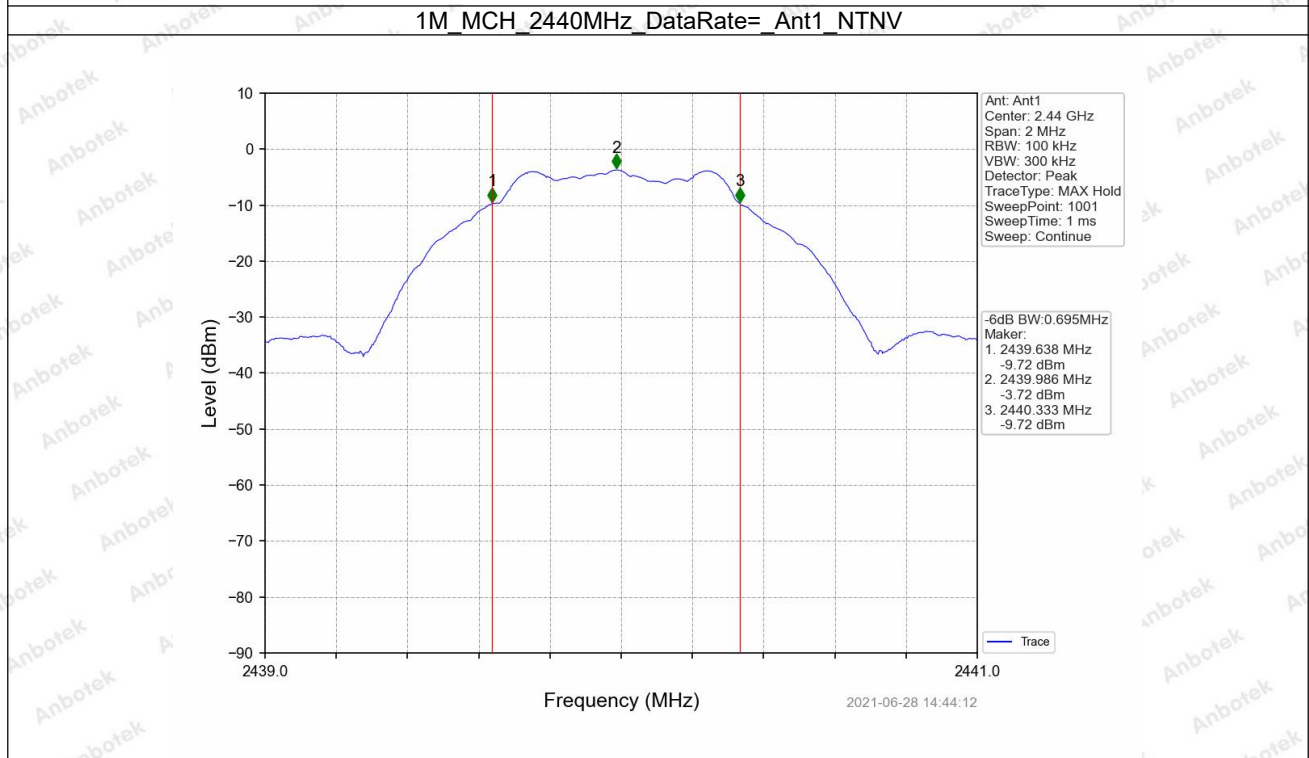
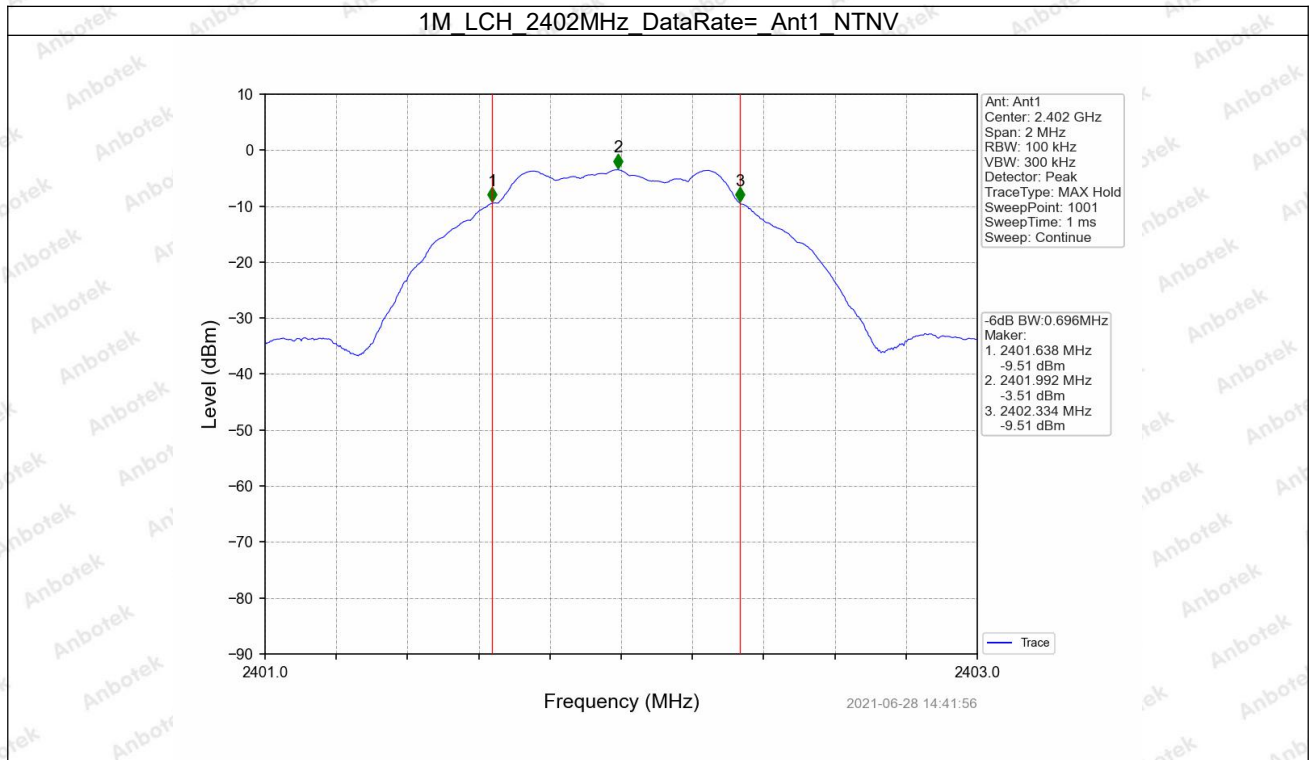
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## 2.2 6dB BW

### 2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)	Limit	Verdict
1M	SISO	2402	1	0.70	$\geq 0.5$	Pass
		2440	1	0.69	$\geq 0.5$	Pass
		2480	1	0.70	$\geq 0.5$	Pass

## 2.2.2 Test Graph

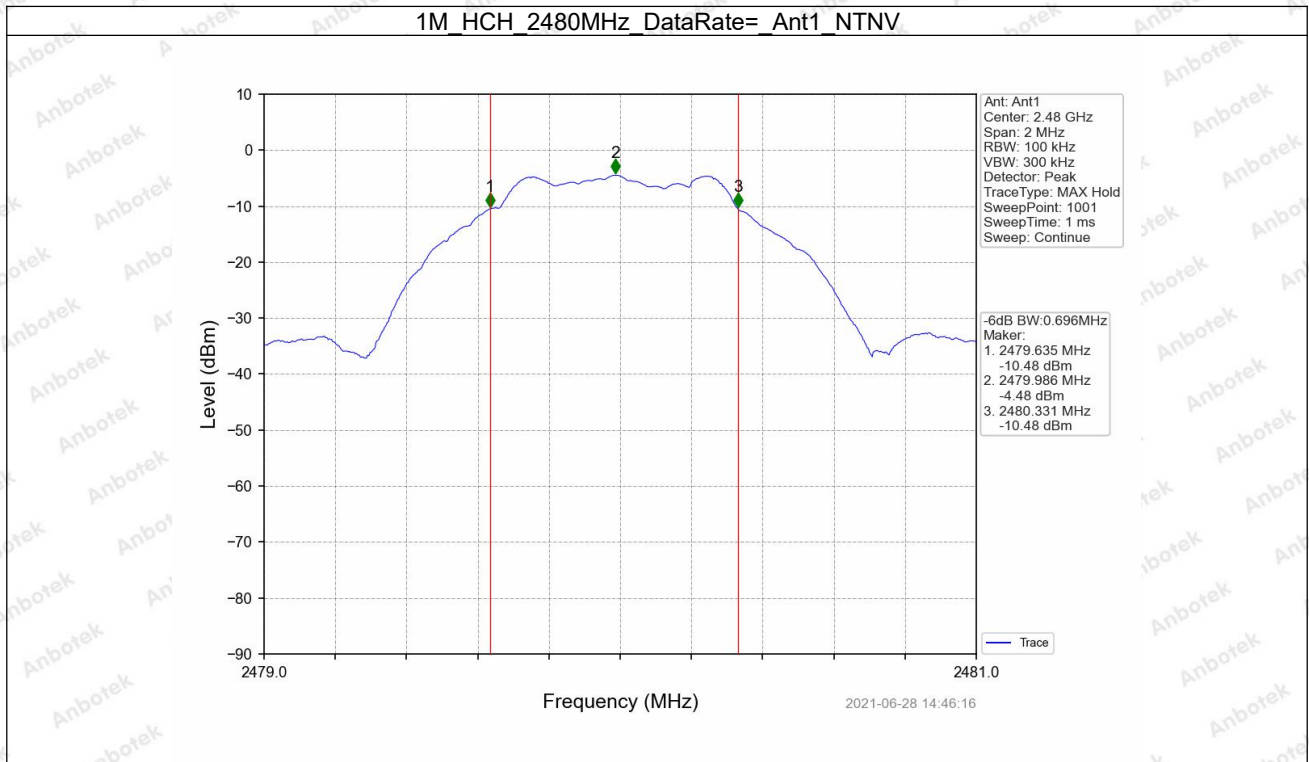


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### 3. Maximum Conducted Output Power

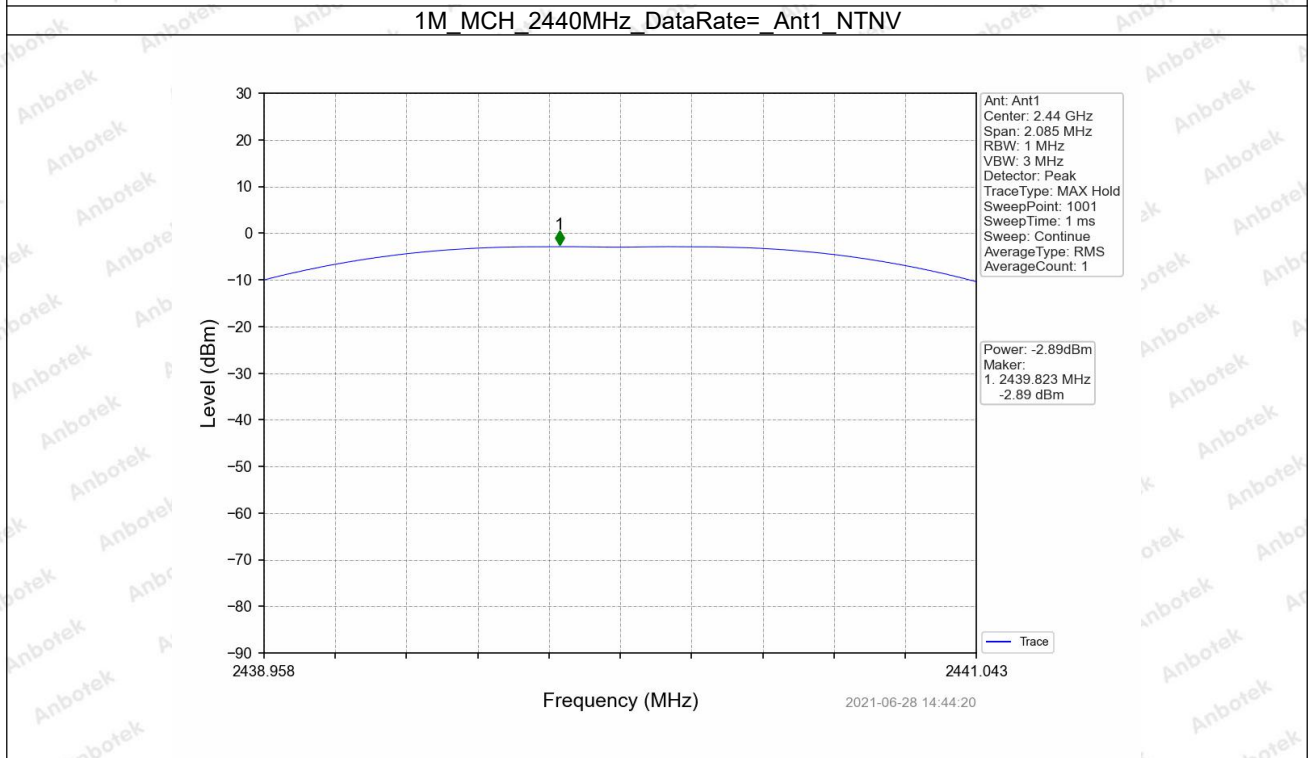
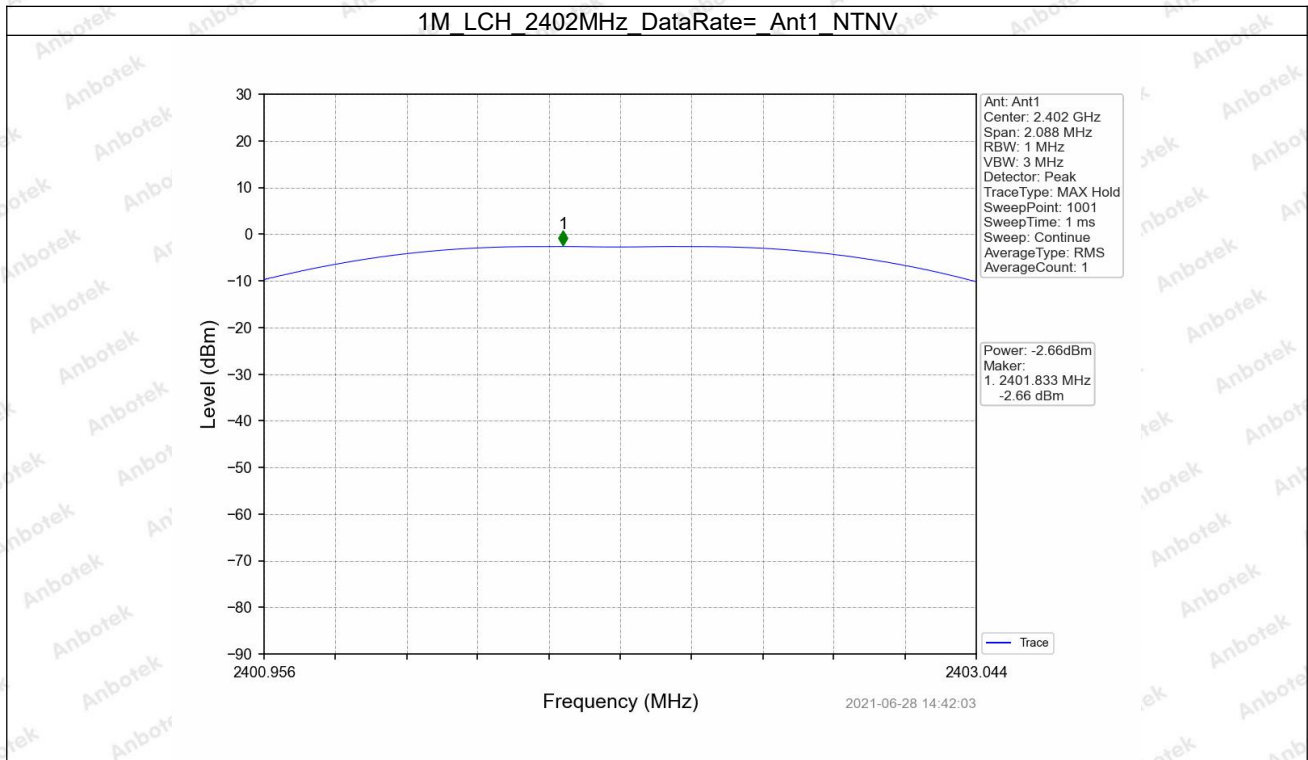
#### 3.1 Power

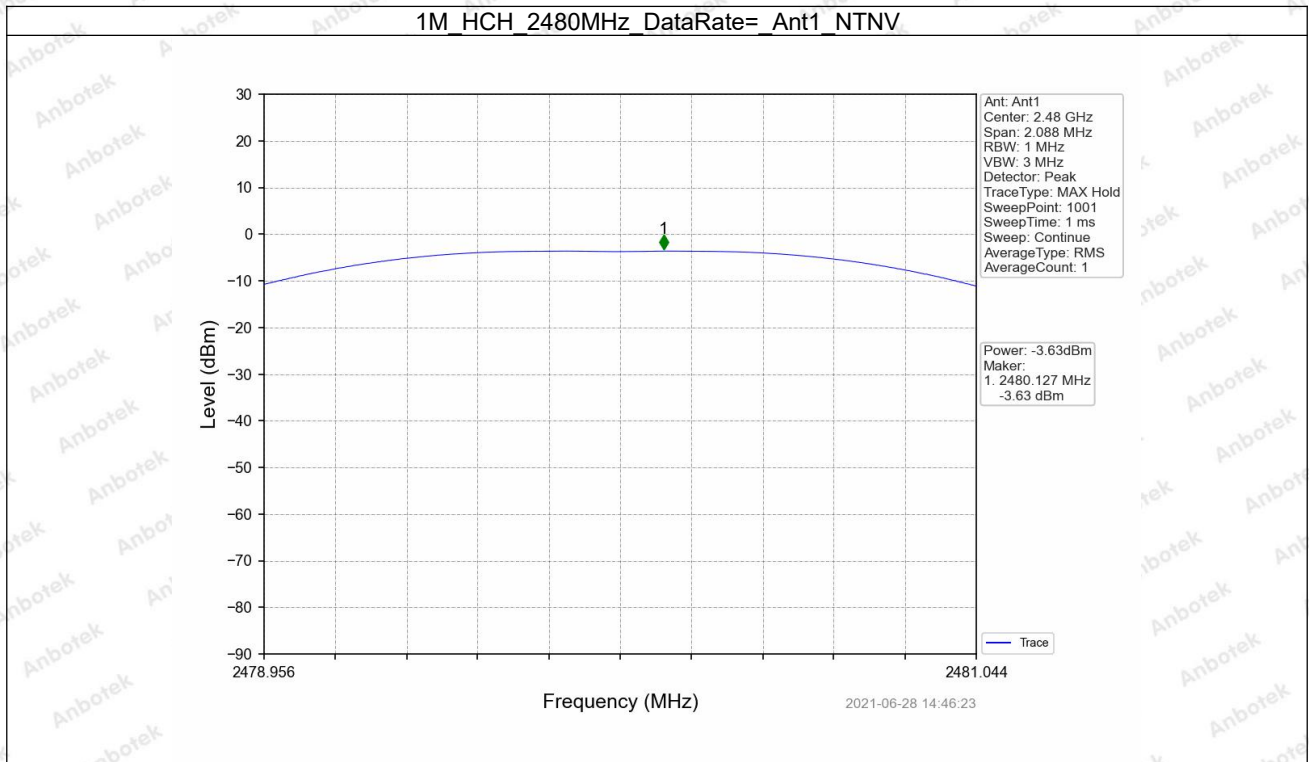
##### 3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Measured Peak Output Power (dBm)		Limit (dBm)	Verdict
			Ant1			
1M	SISO	2402	-2.66	<=30	Pass	
		2440	-2.89	<=30	Pass	
		2480	-3.63	<=30	Pass	

Note1: Antenna Gain: Ant1: 1.50dBi;

### 3.1.2 Test Graph





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## 4. Maximum Power Spectral Density

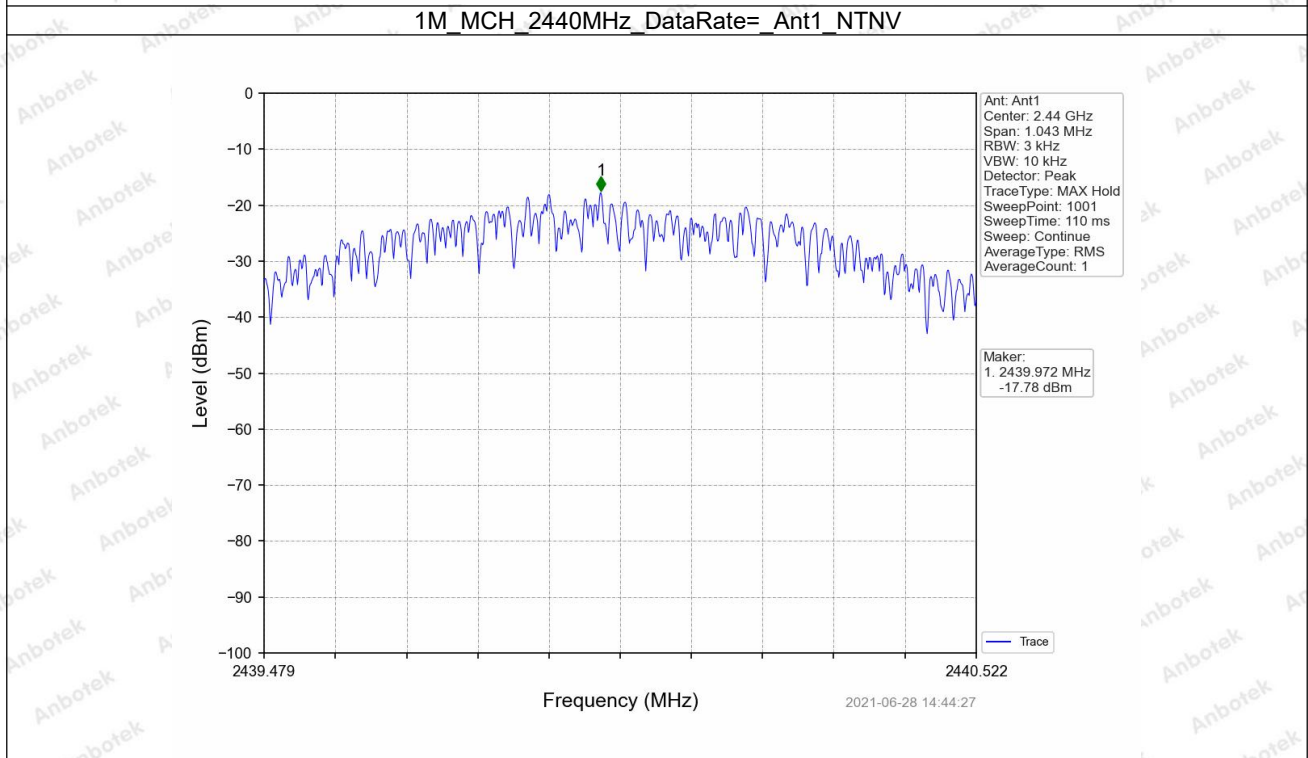
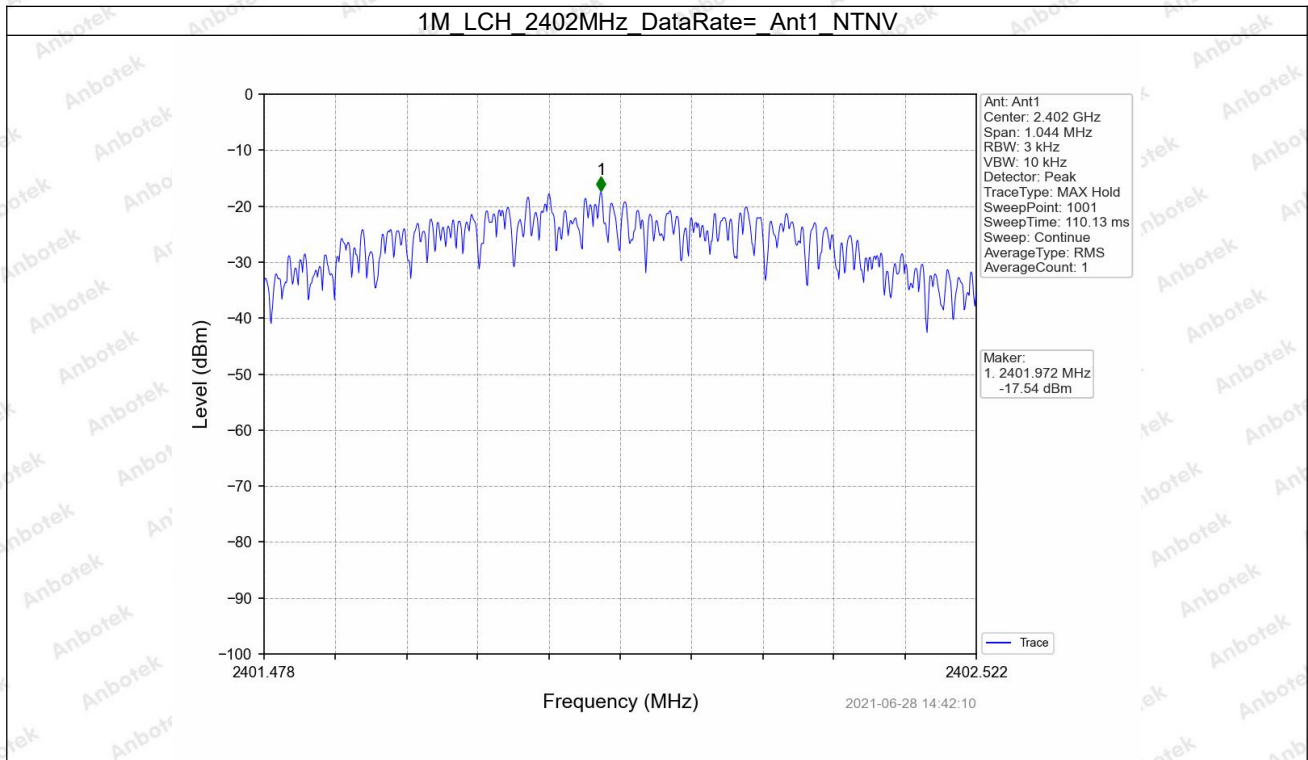
### 4.1 PSD

#### 4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
			Ant1		
1M	SISO	2402	-17.54	<=8	Pass
		2440	-17.78	<=8	Pass
		2480	-18.56	<=8	Pass

Note1: Antenna Gain: Ant1: 1.50dBi;

## 4.1.2 Test Graph

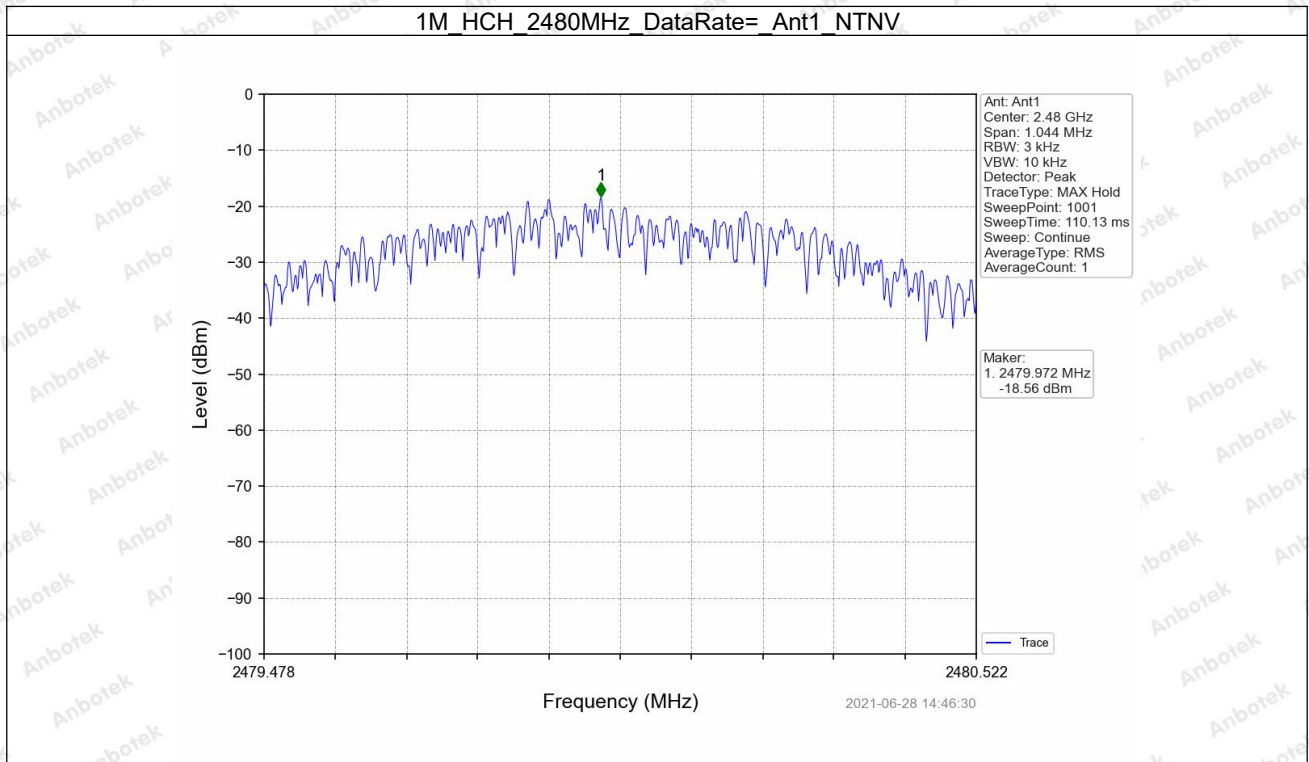


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## 5. Unwanted Emissions In Non-restricted Frequency Bands

### 5.1 Ref

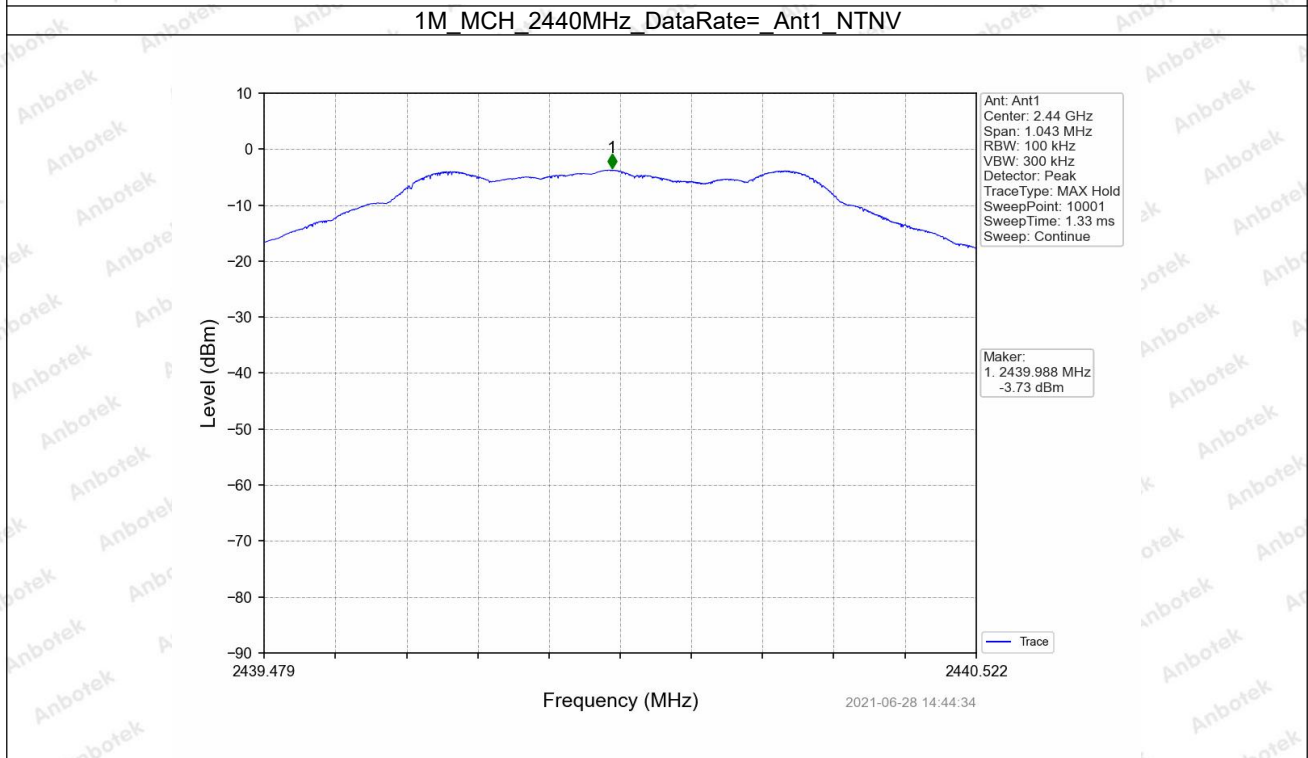
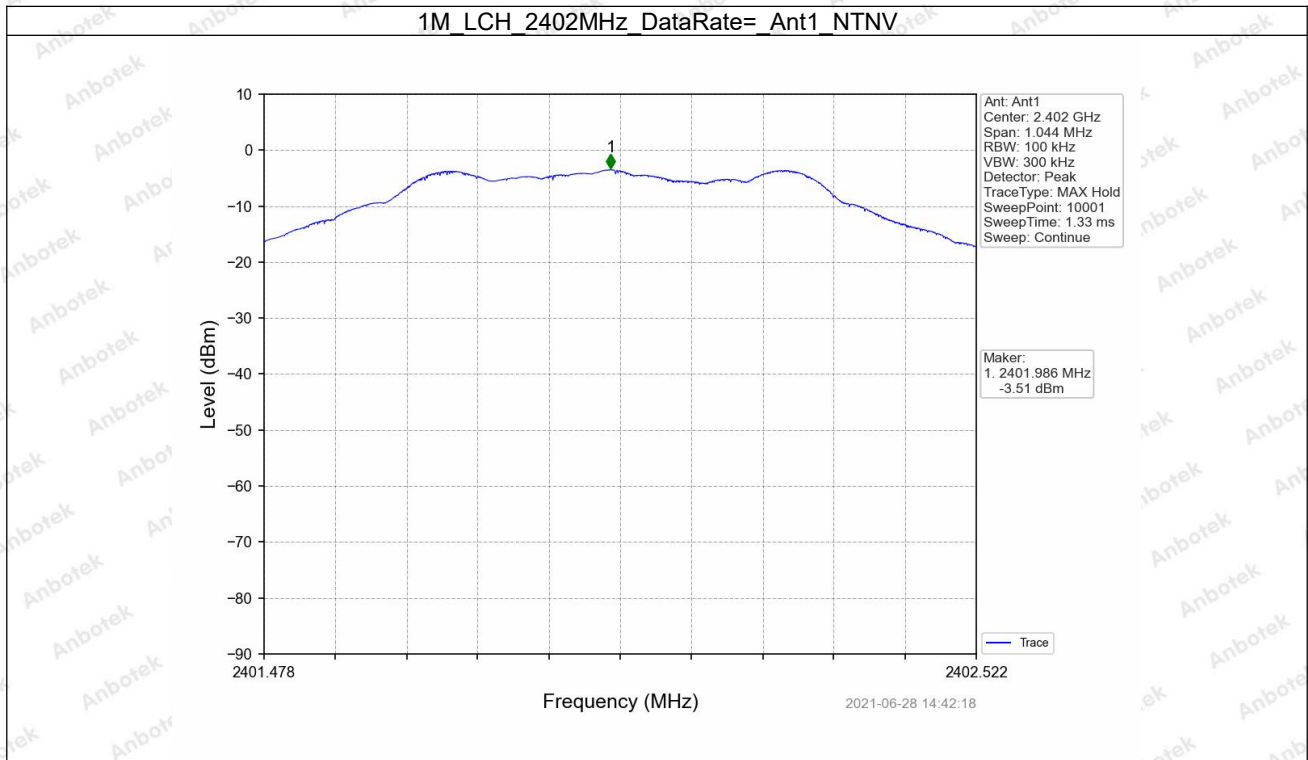
#### 5.1.1 Test Result

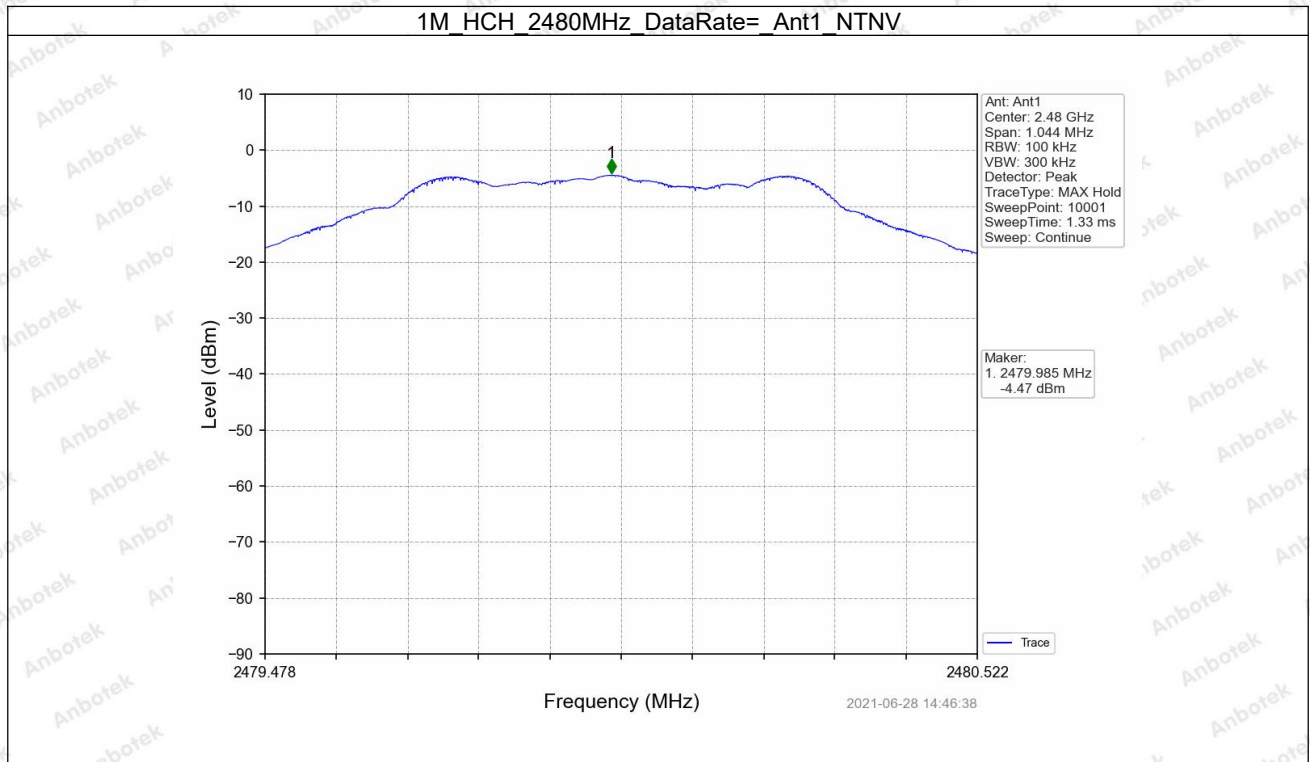
Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	-3.51	/	/
		2440	1	-3.73	/	/
		2480	1	-4.47	/	/

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.



## 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	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 C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.

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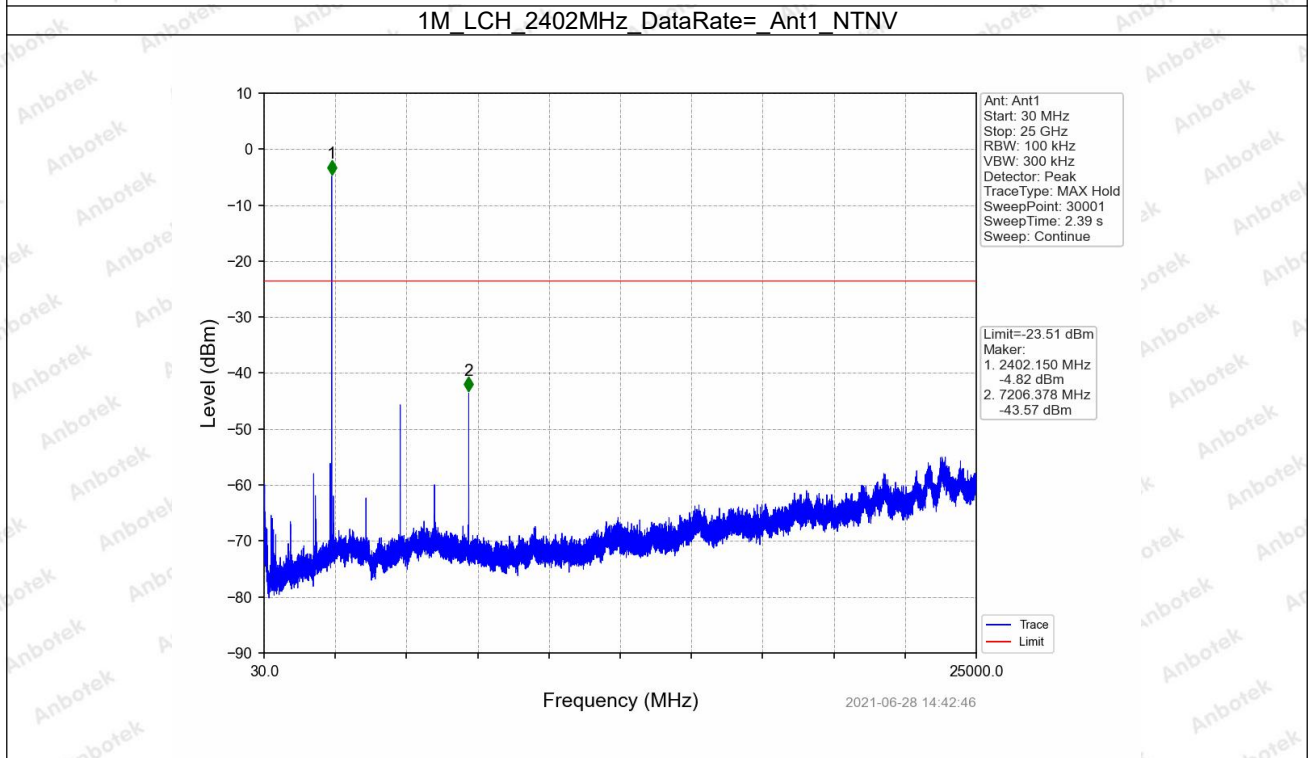
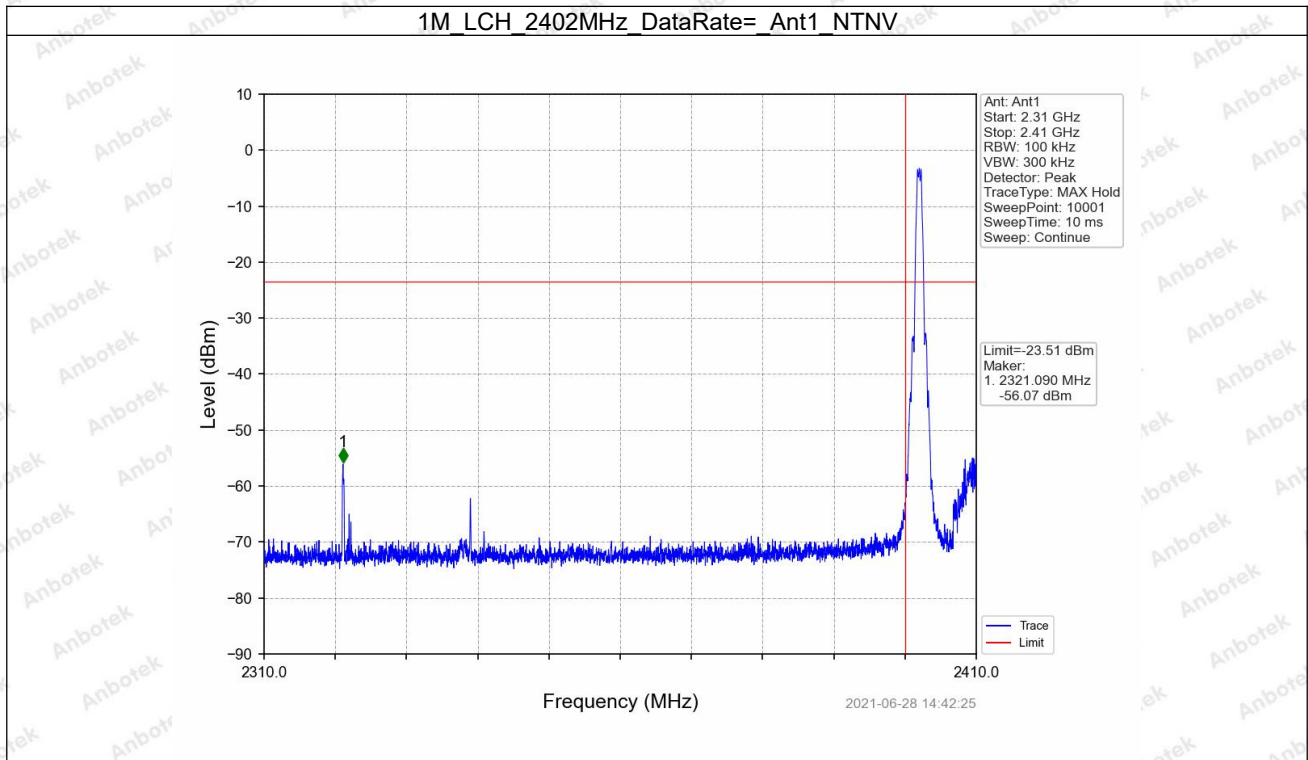


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## 5.2.2 Test Graph

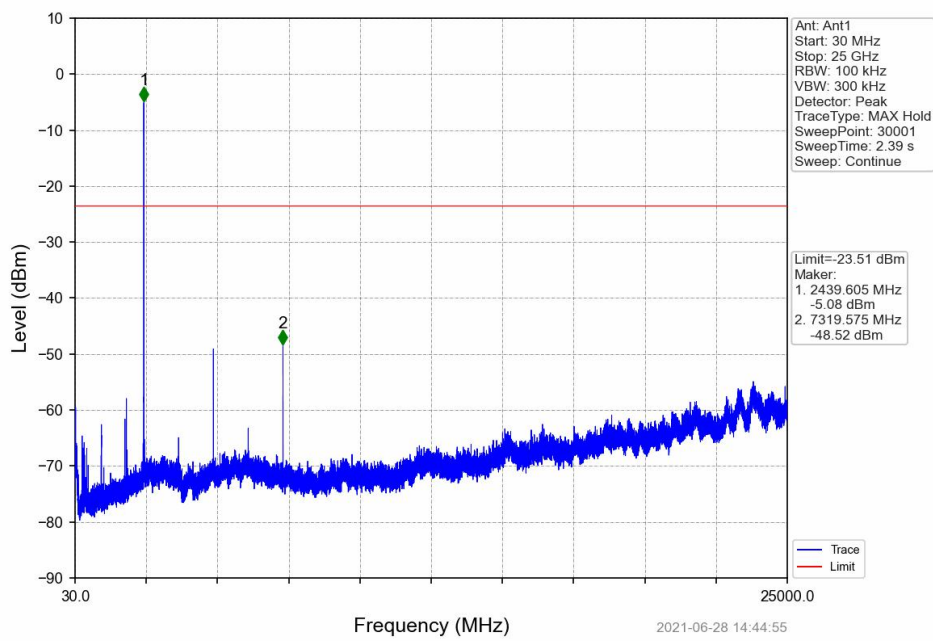


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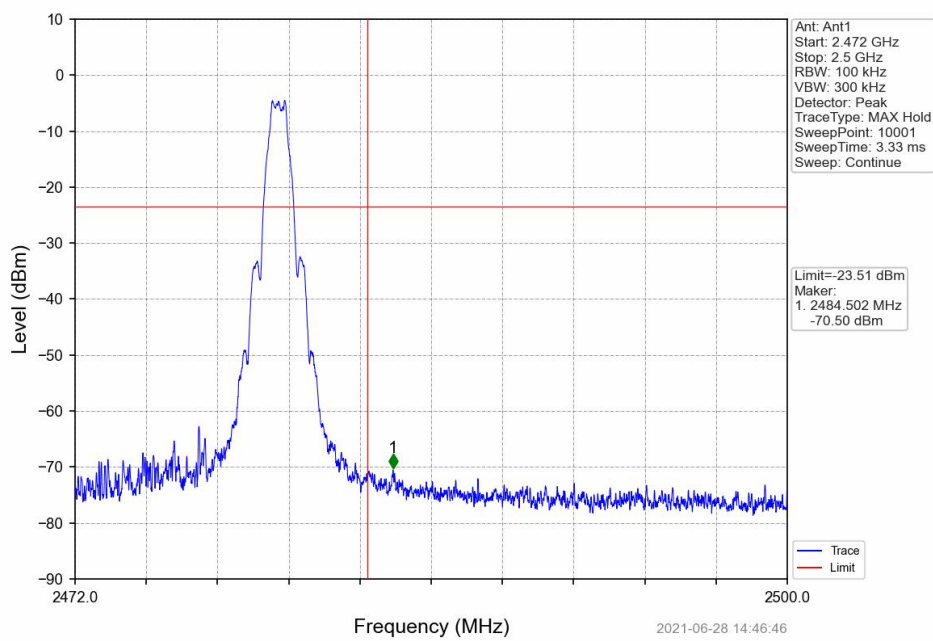
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1M\_MCH\_2440MHz\_DataRate= Ant1\_NTNV



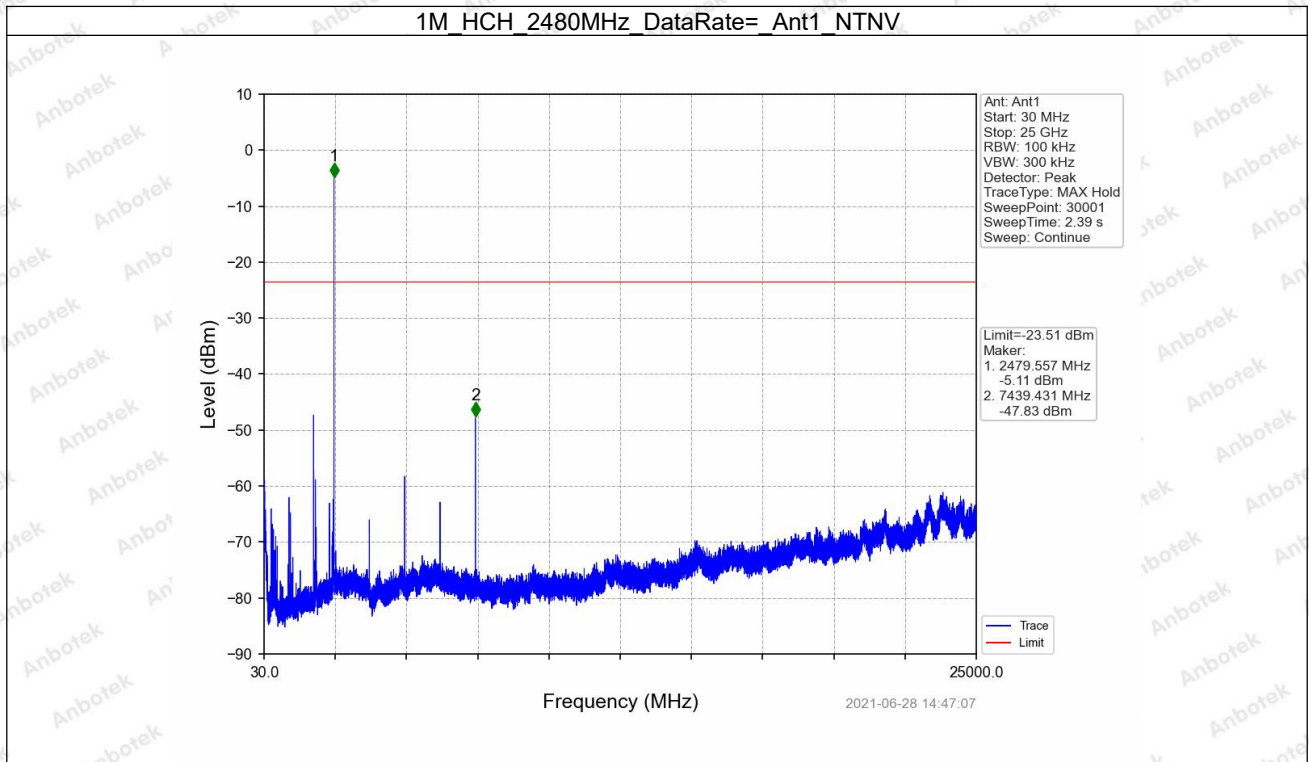
1M\_HCH\_2480MHz\_DataRate= Ant1\_NTNV



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