

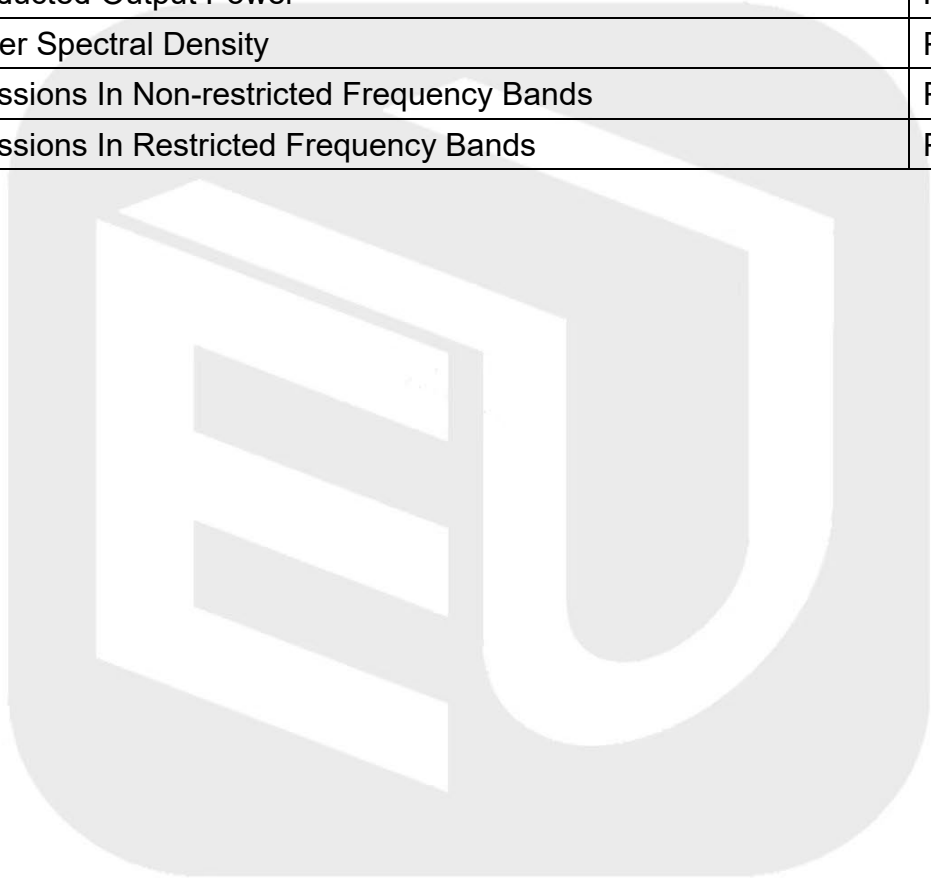
# ANNEX D TEST DATA

## For

Project No.:	8226EU012207W
Client:	Guangzhou Boju Information Technology Co.,Ltd
Product Name:	car refrigerator
Model No.:	CR06501
FCC ID:	2BBH5-CR06501
Technology:	Bluetooth BLE
Test Engineer:	<i>Mikoy zhu</i>
Test Date:	2024-04-01

## Test Summary

Item	Result
Duty Cycle	Pass
Bandwidth	Pass
Maximum Conducted Output Power	Pass
Maximum Power Spectral Density	Pass
Unwanted Emissions In Non-restricted Frequency Bands	Pass
Unwanted Emissions In Restricted Frequency Bands	Pass



**1. Duty Cycle**

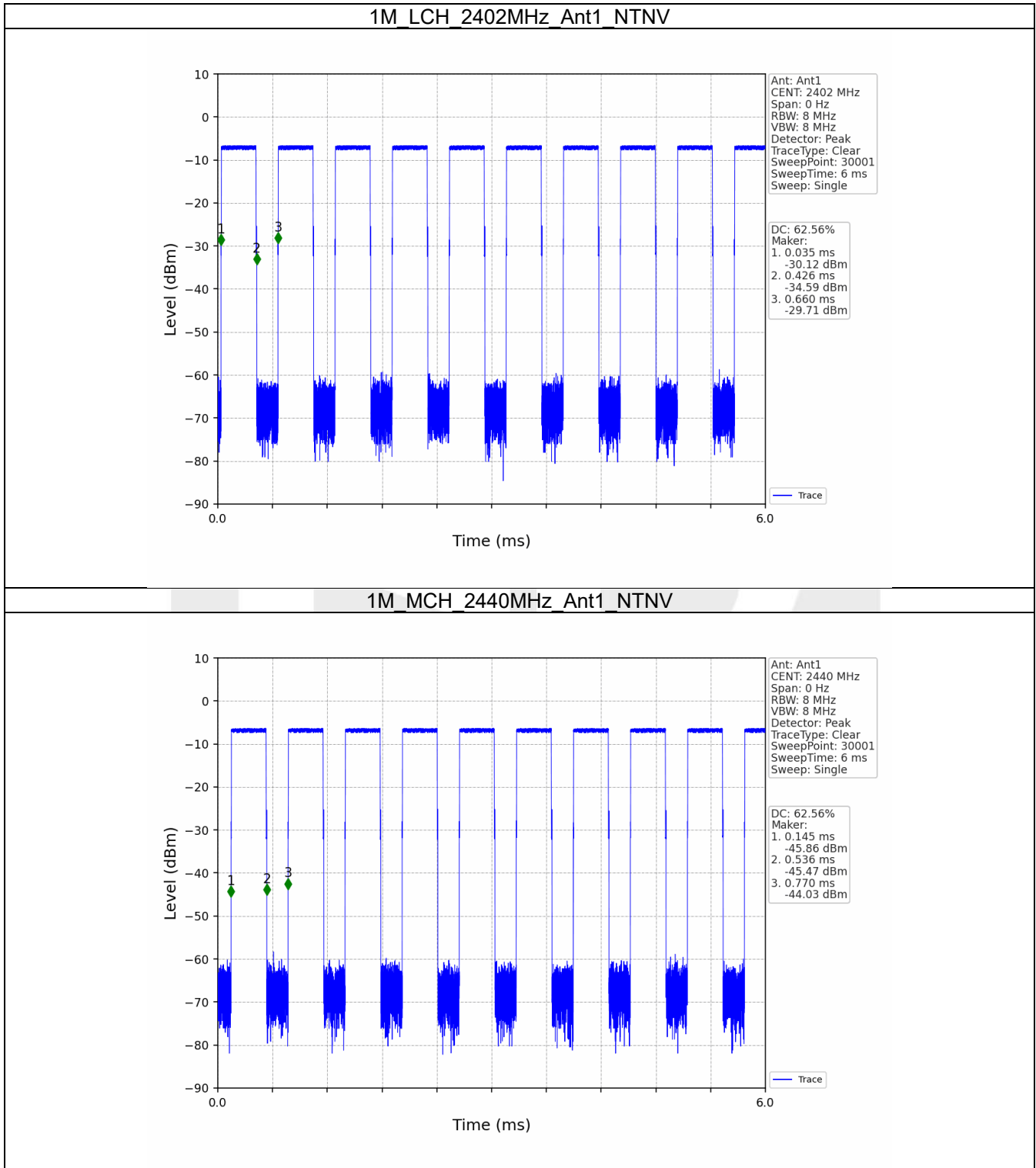
**1.1 Ant1**

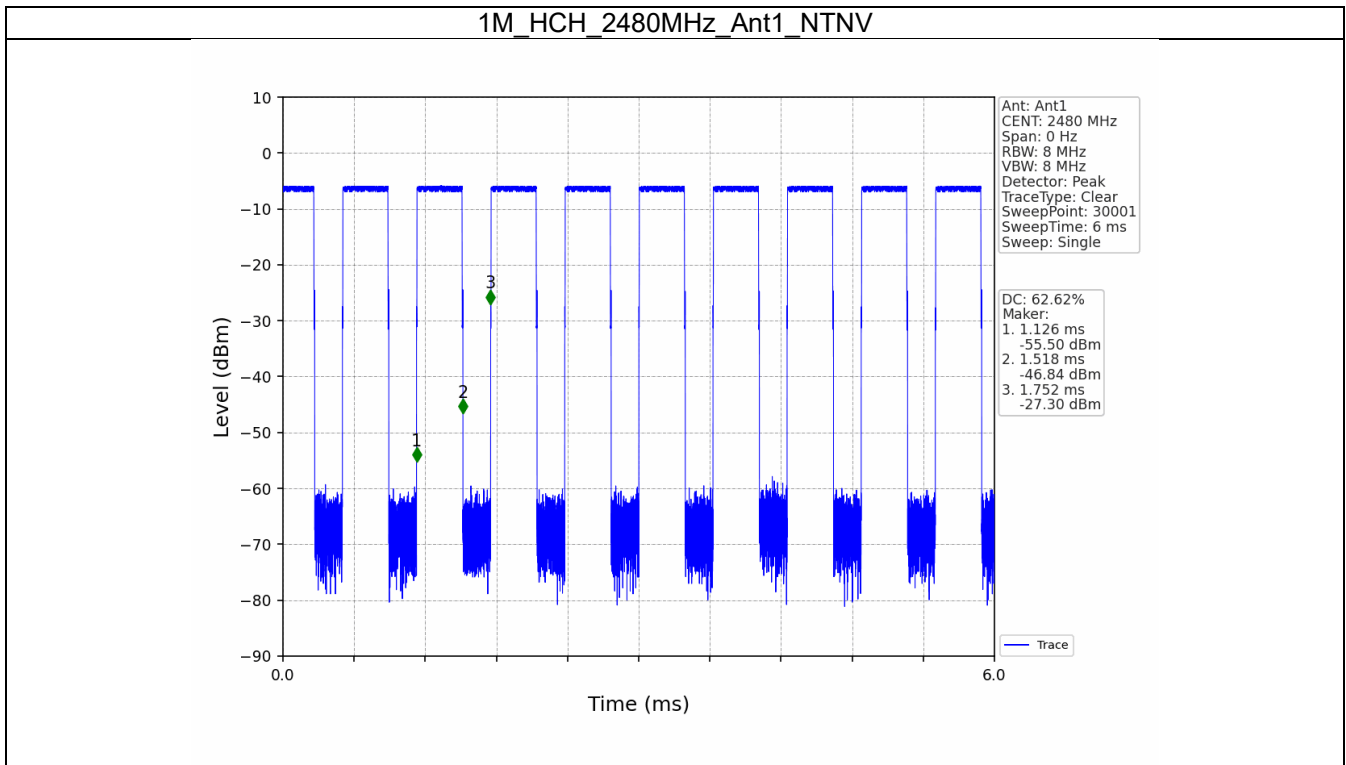
**1.1.1 Test Result**

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1M	SISO	2402	0.391	0.625	62.56	2.04	0.03
		2440	0.391	0.625	62.56	2.04	0.00
		2480	0.392	0.626	62.62	2.03	0.01



1.1.2 Test Graph





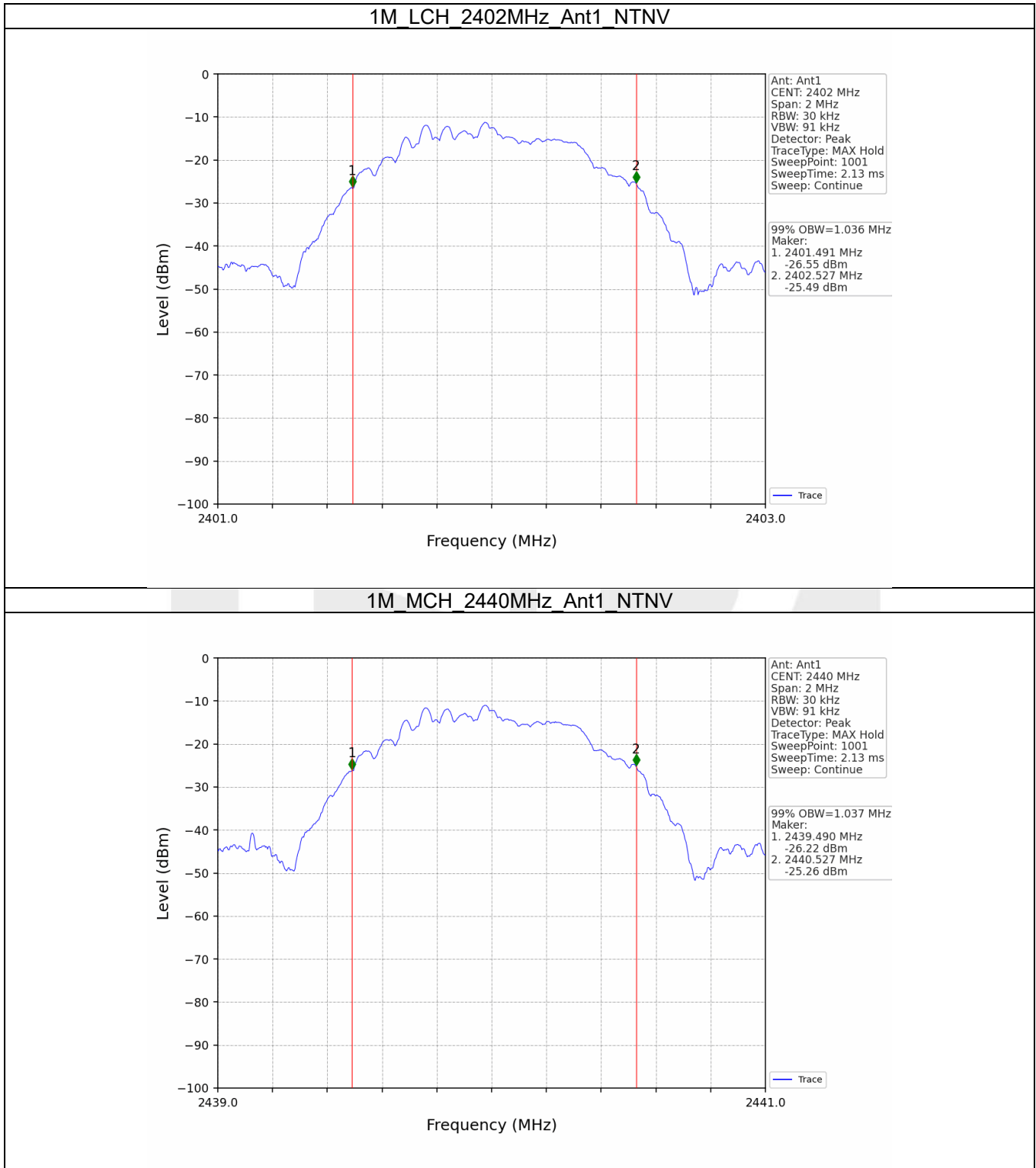
## 2. Bandwidth

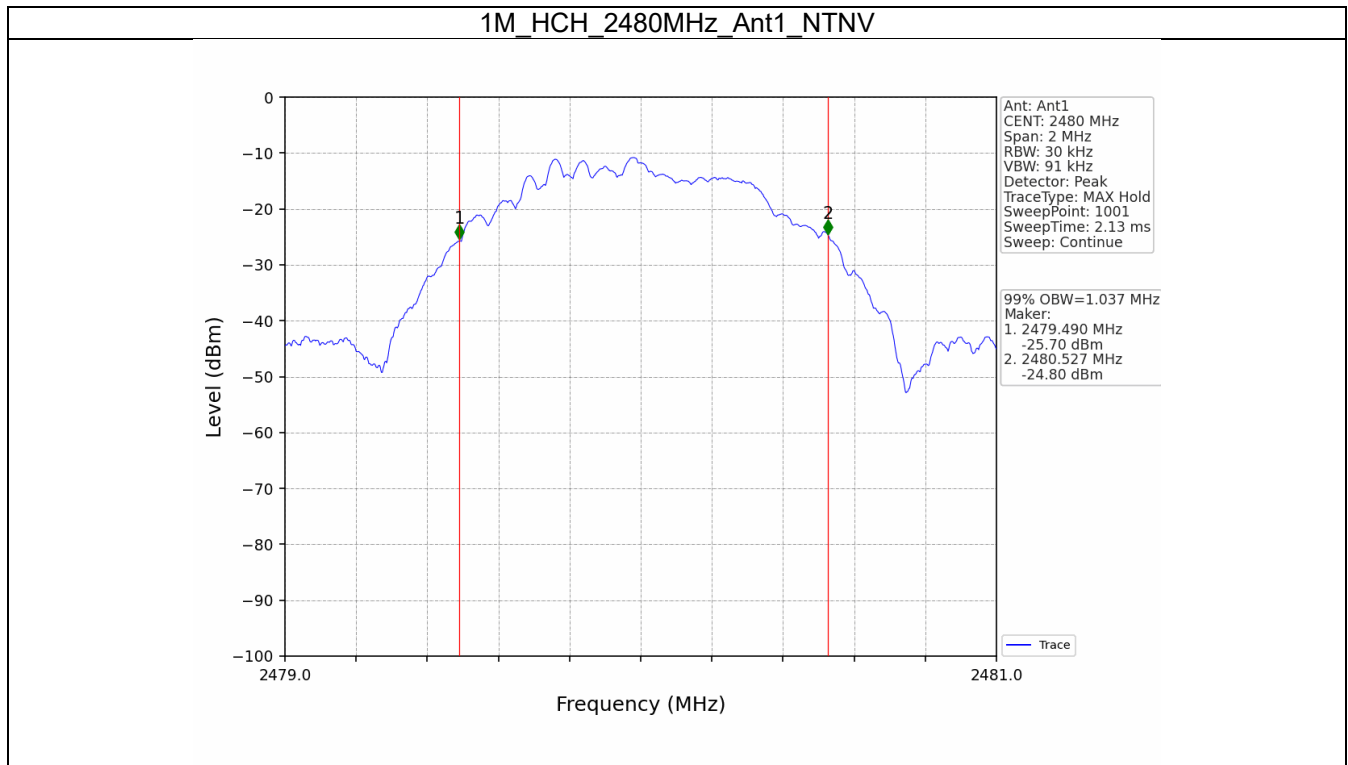
### 2.1 OBW

#### 2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
1M	SISO	2402	1	1.036	Pass
		2440	1	1.037	Pass
		2480	1	1.037	Pass

2.1.2 Test Graph







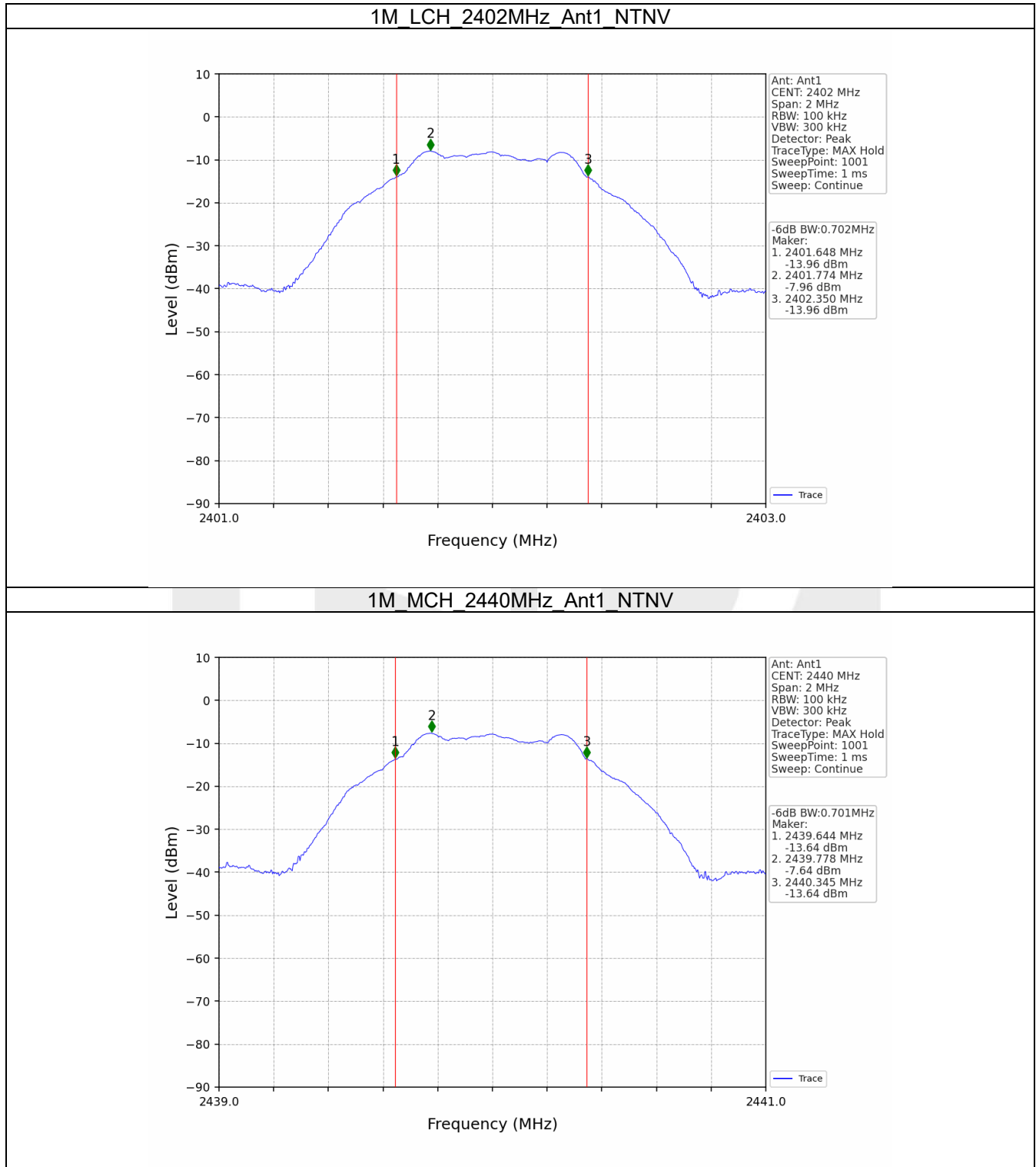
## 2.2 6dB BW

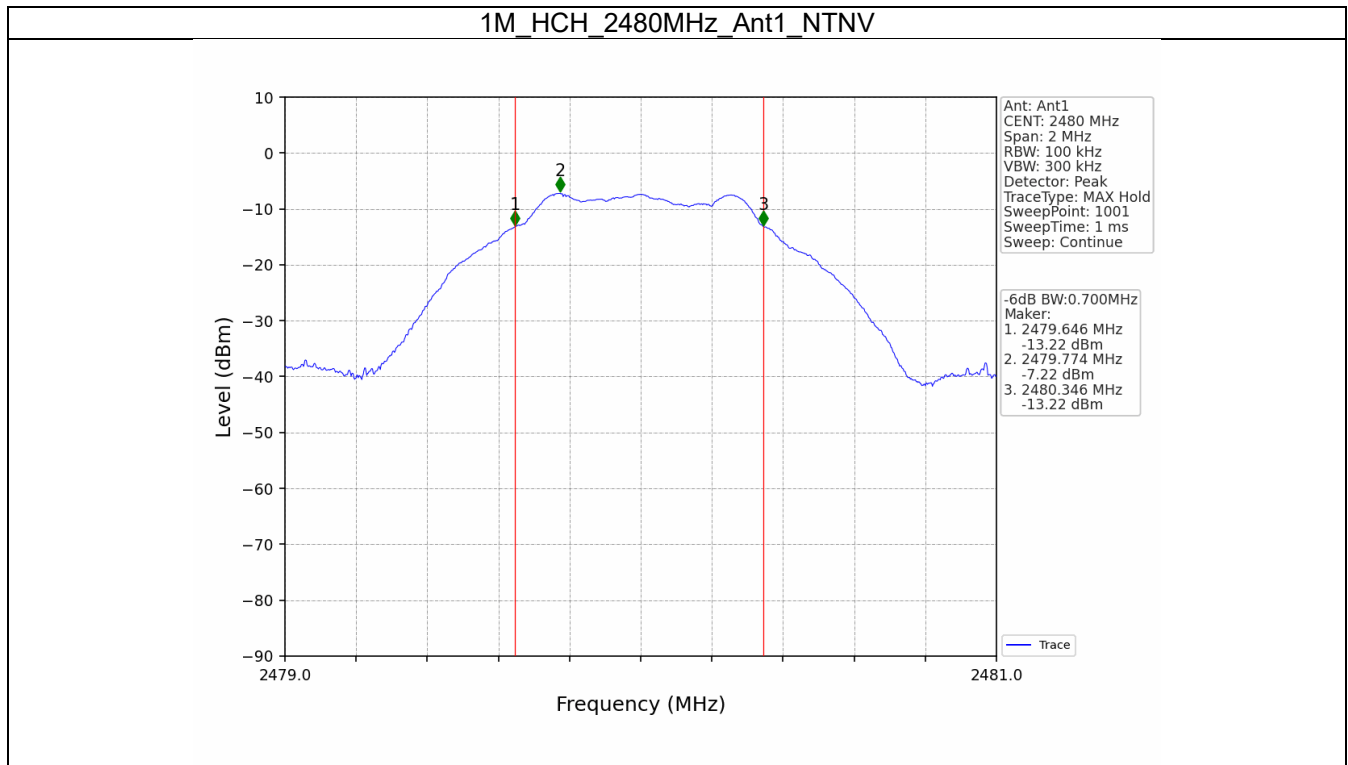
### 2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.702	$\geq 0.5$	Pass
		2440	1	0.701	$\geq 0.5$	Pass
		2480	1	0.700	$\geq 0.5$	Pass



2.2.2 Test Graph





### 3. Maximum Conducted Output Power

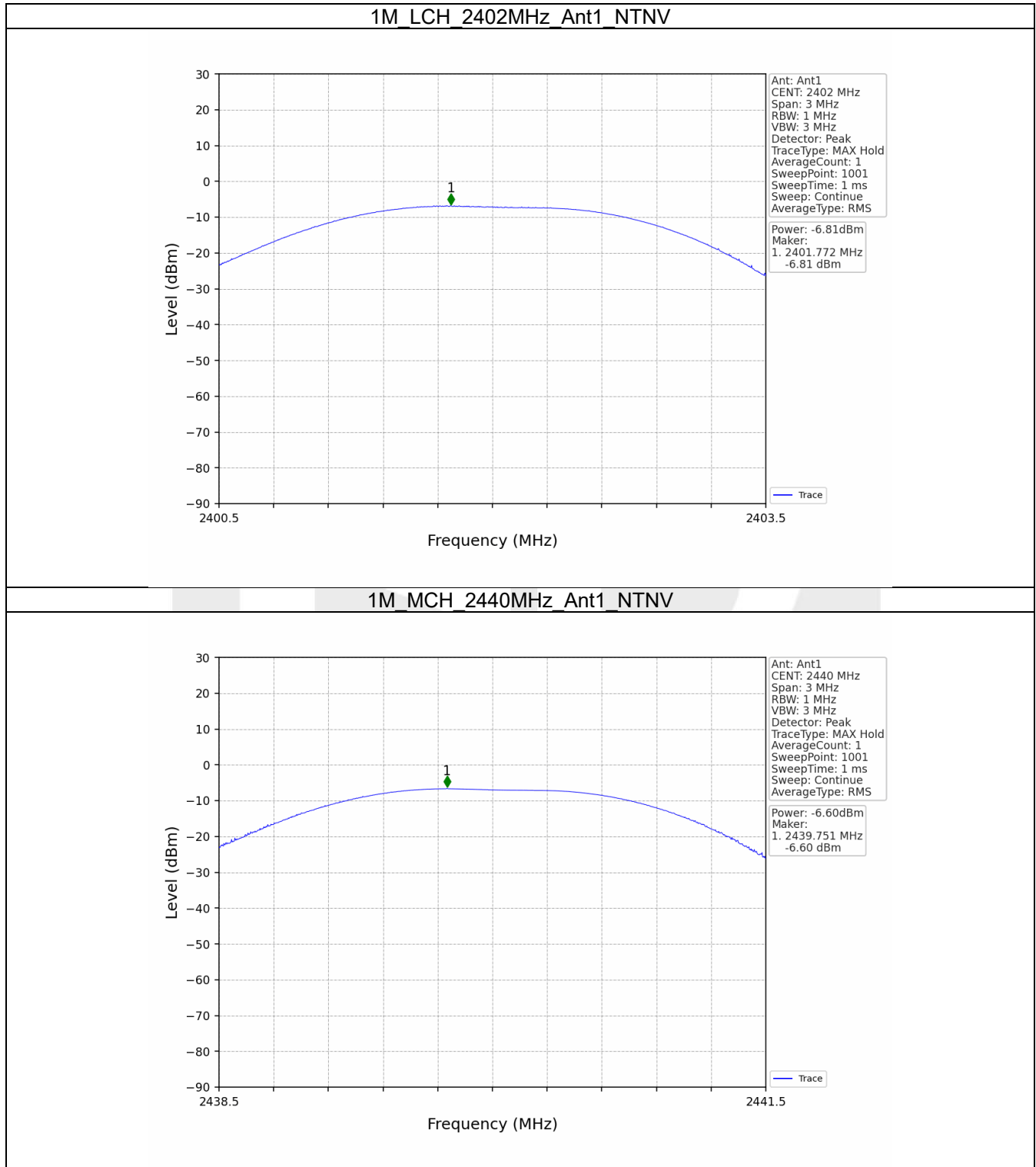
#### 3.1 Power

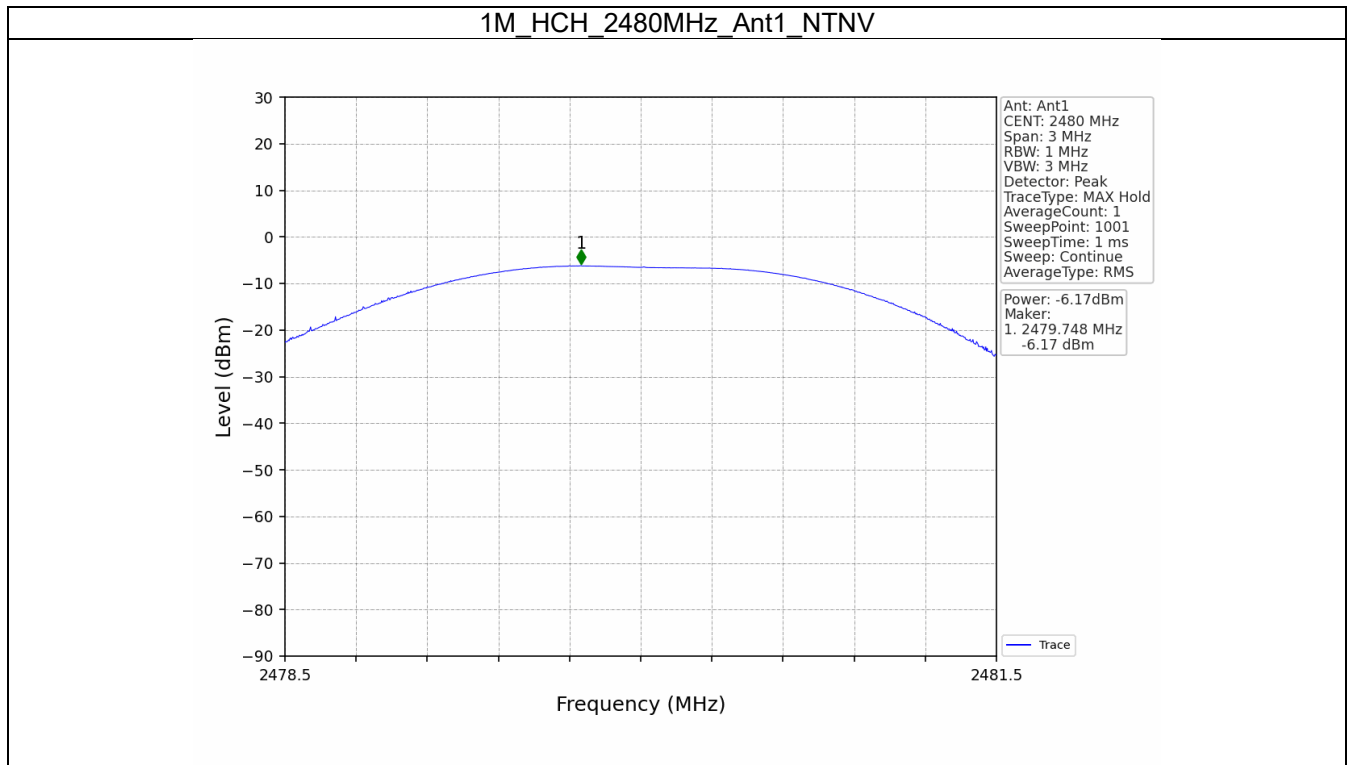
##### 3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	-6.81	<=30	Pass
		2440	-6.60	<=30	Pass
		2480	-6.17	<=30	Pass



3.1.2 Test Graph





#### 4. Maximum Power Spectral Density

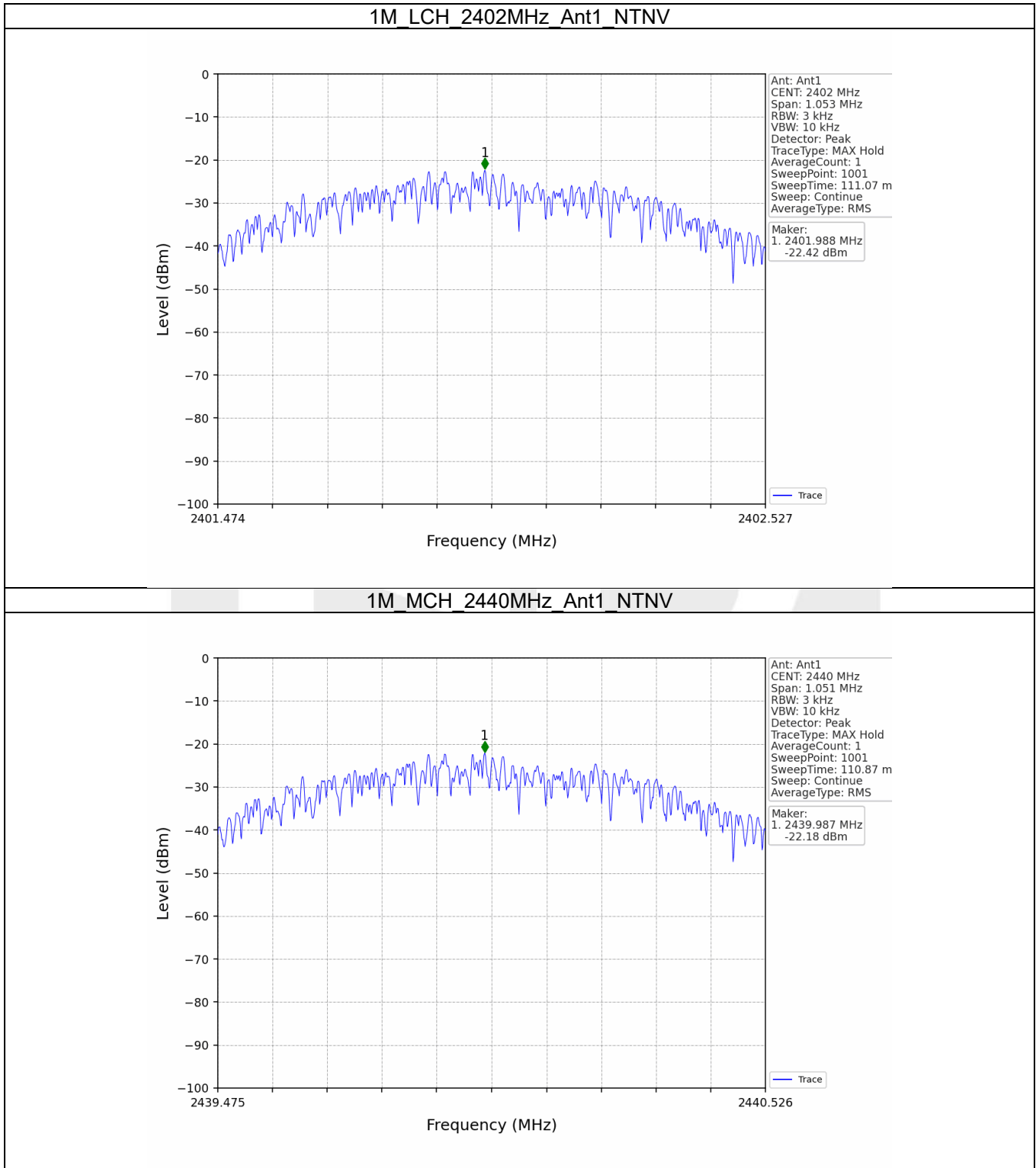
##### 4.1 PSD

##### 4.1.1 Test Result

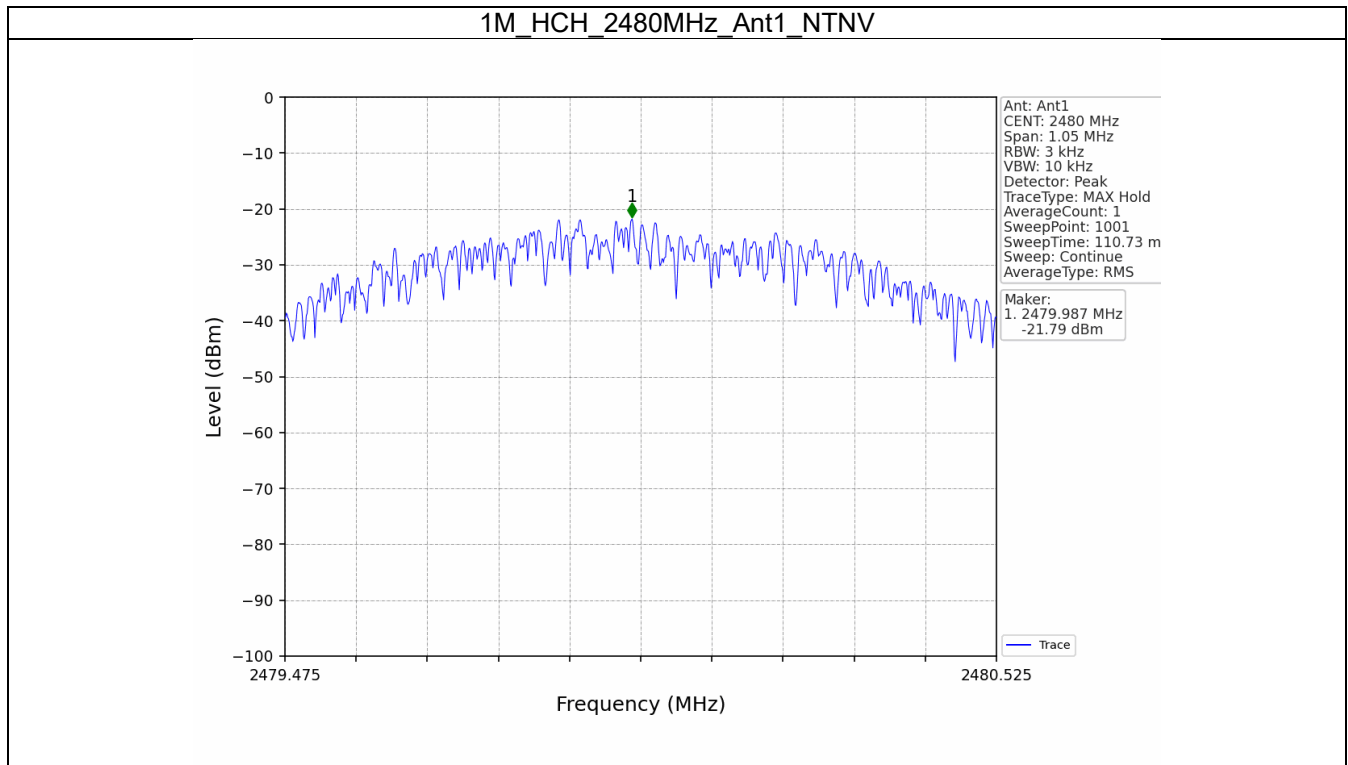
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
1M	SISO	2402	-22.42	<=8	Pass
		2440	-22.18	<=8	Pass
		2480	-21.79	<=8	Pass



4.1.2 Test Graph







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

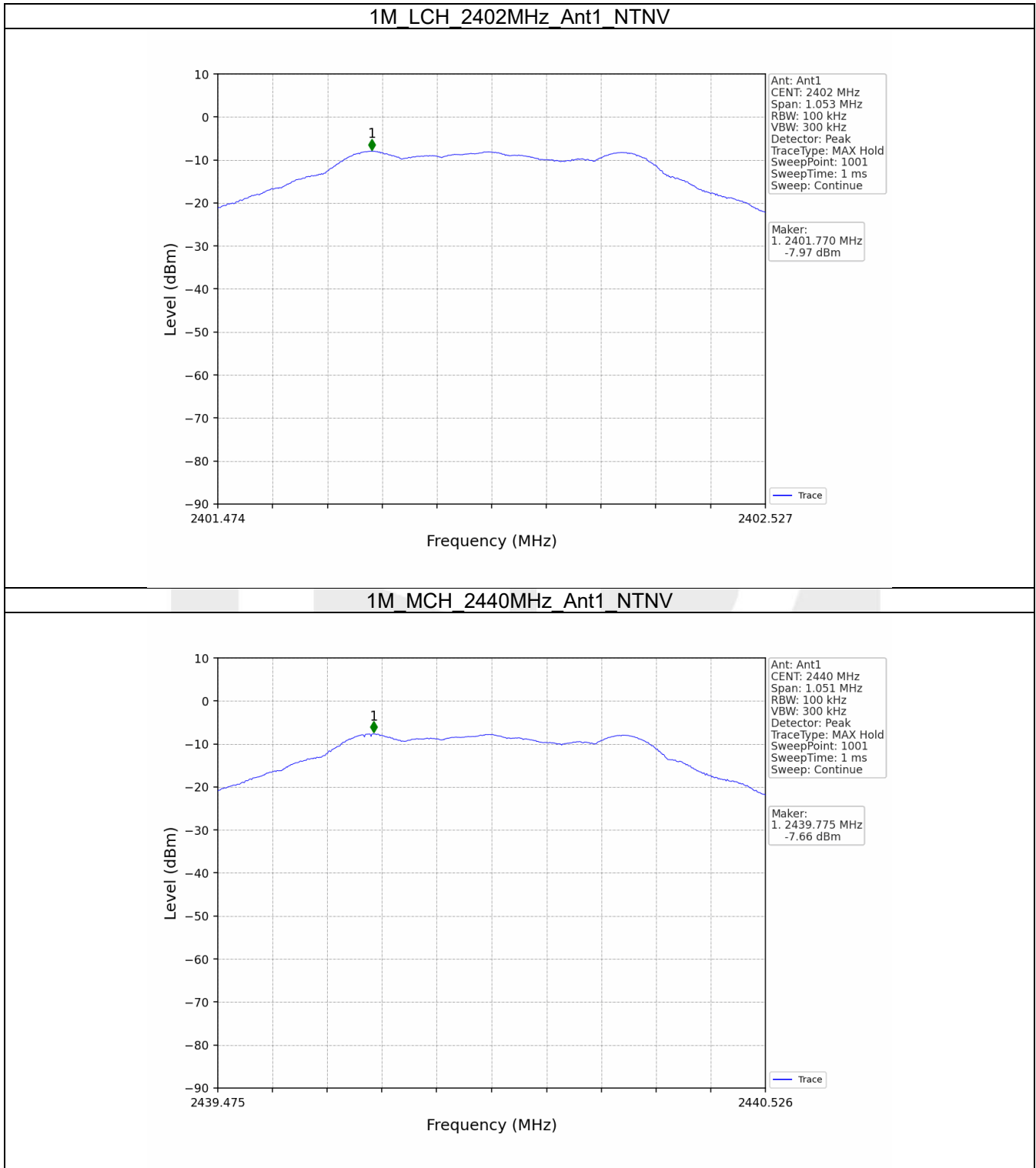
### 5.1 Ref

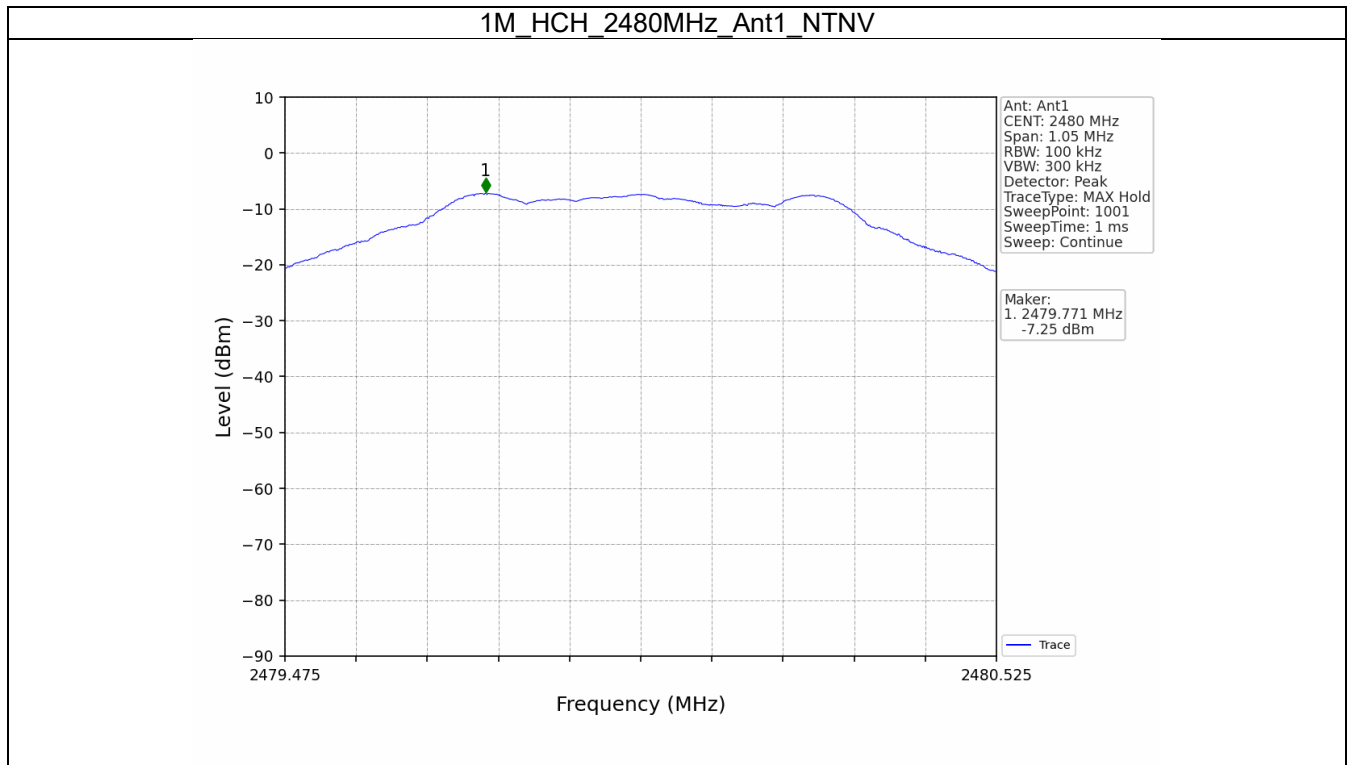
#### 5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	-7.97
		2440	1	-7.66
		2480	1	-7.25

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



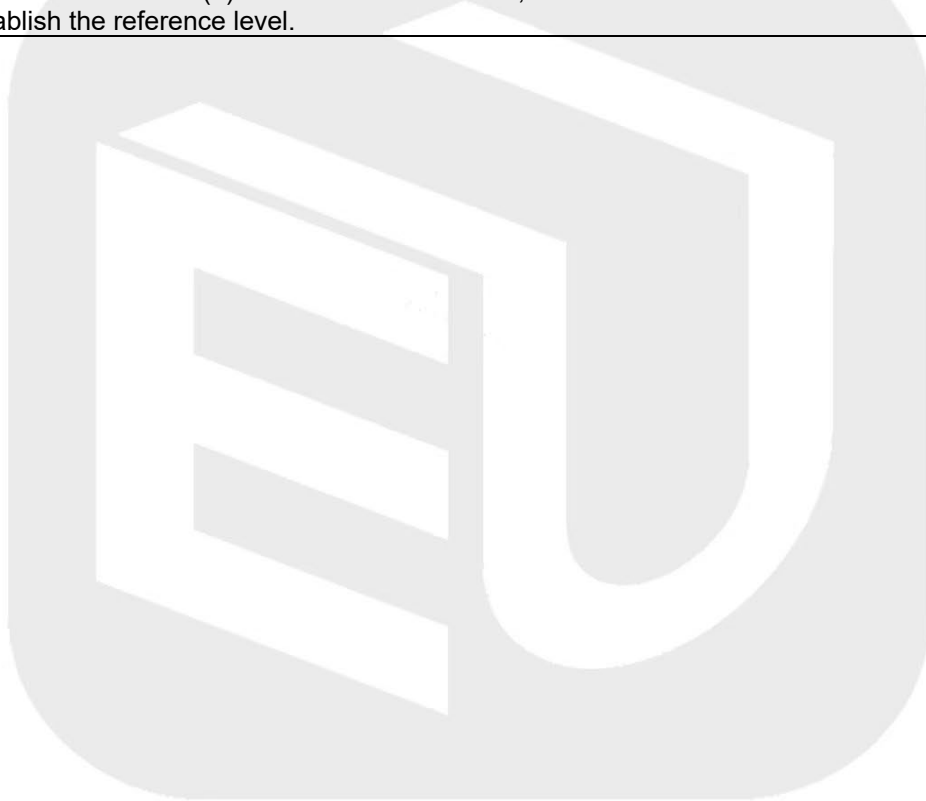


## 5.2 CSE

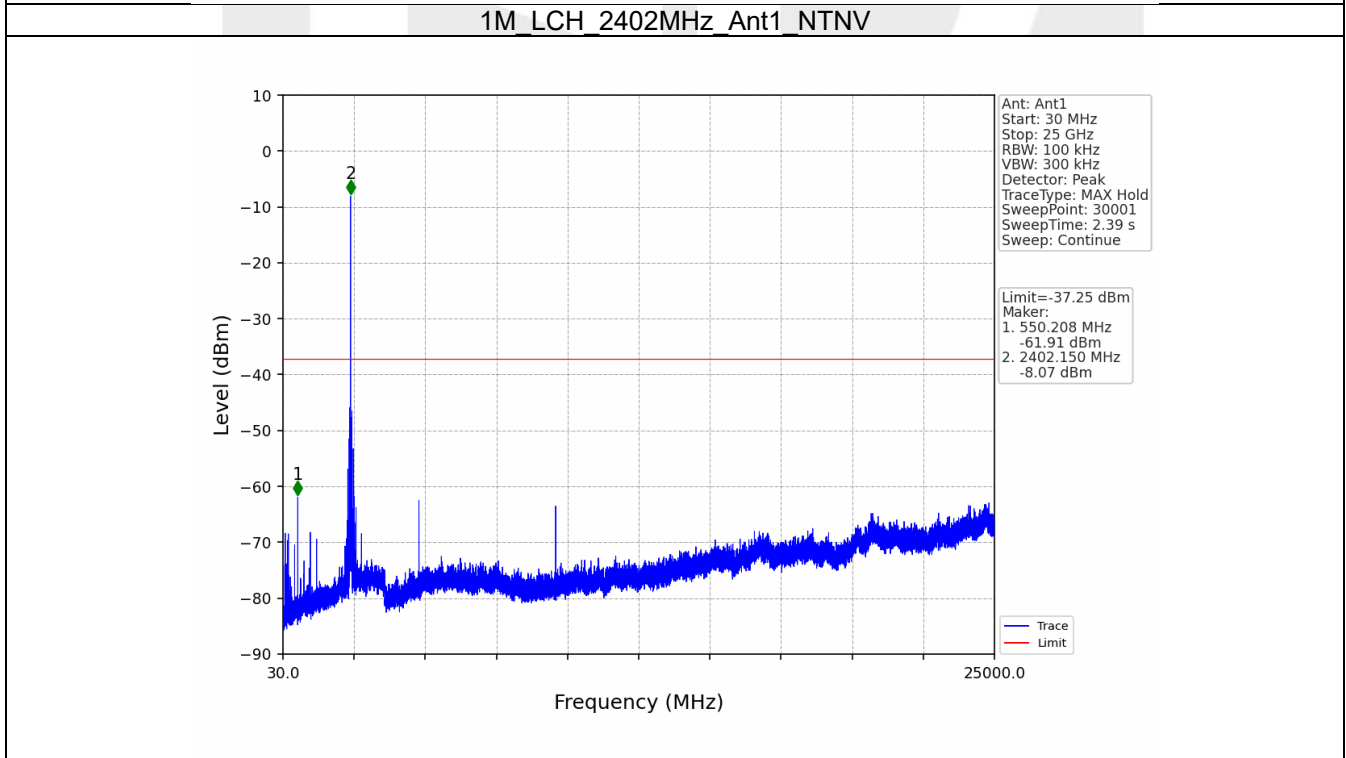
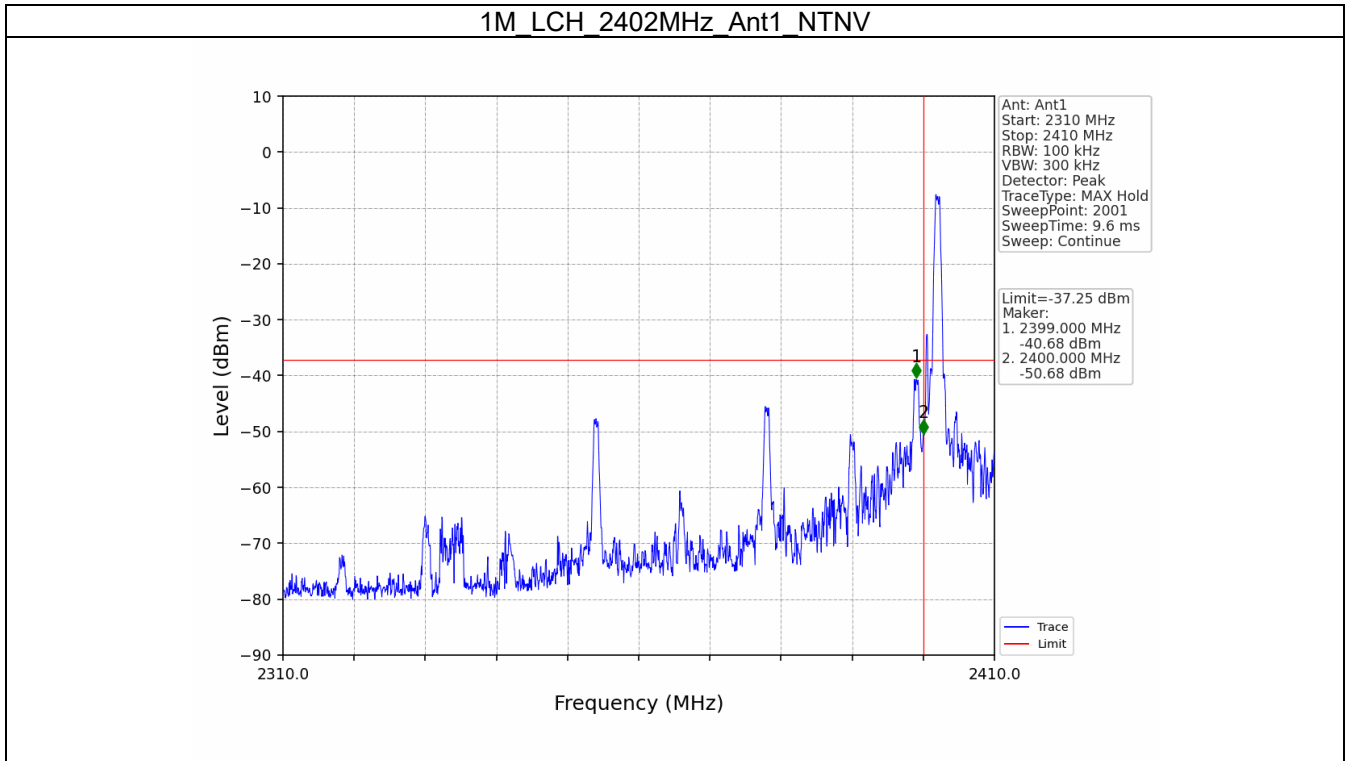
### 5.2.1 Test Result

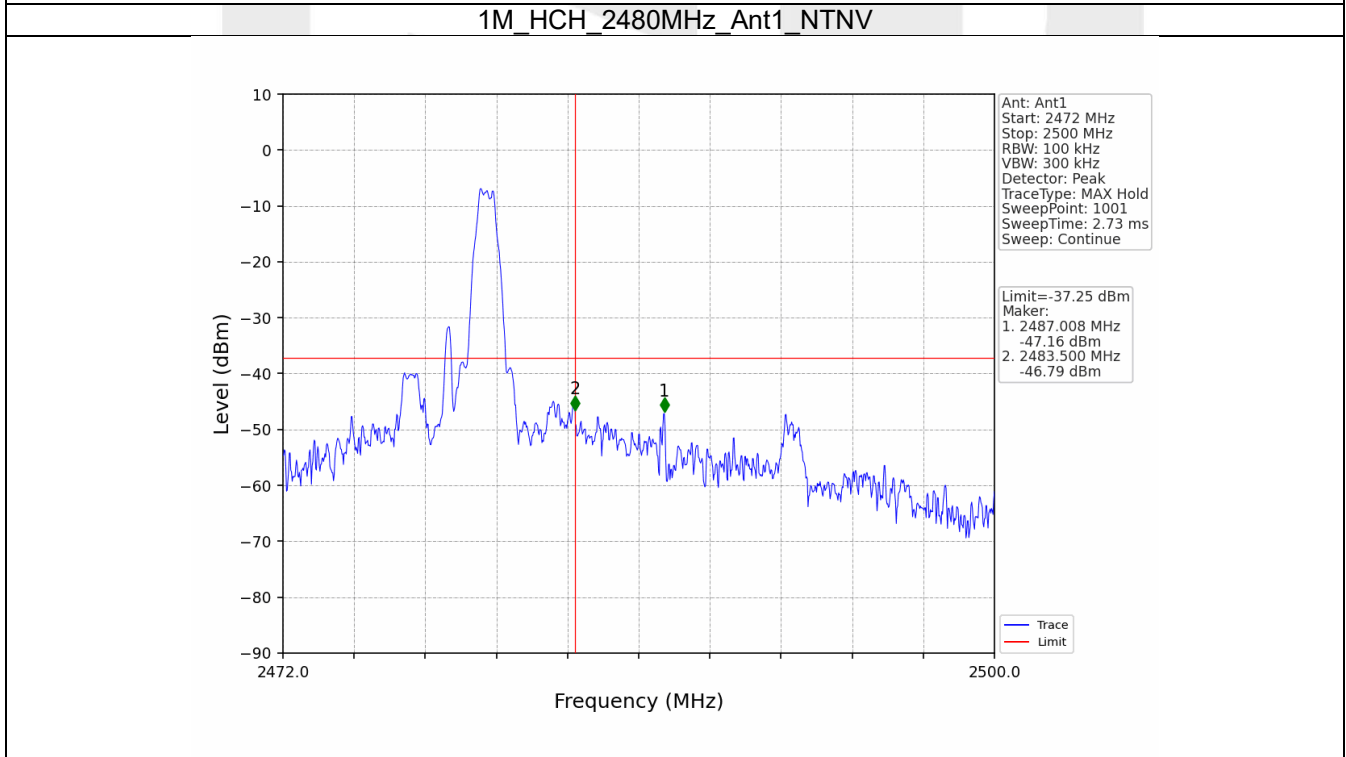
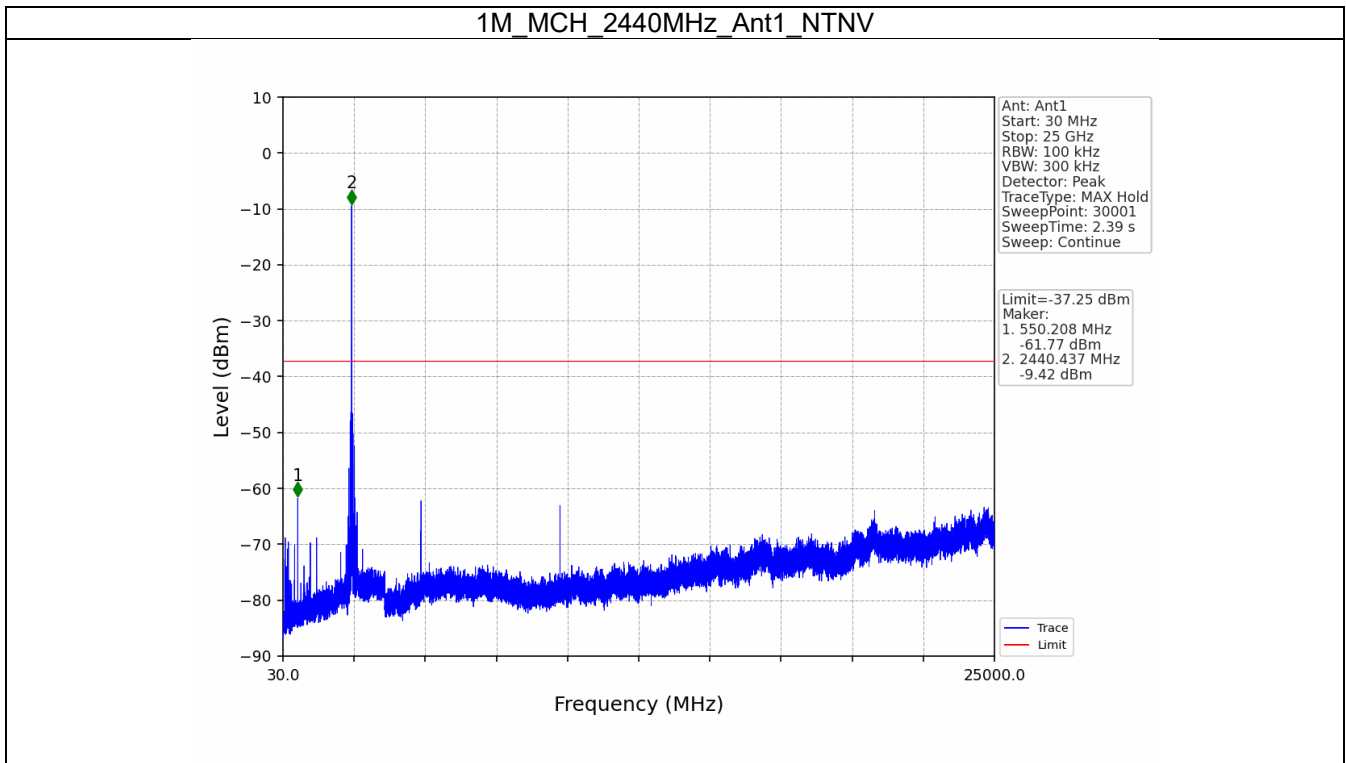
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	-7.25	-37.25	Pass
		2440	1	-7.25	-37.25	Pass
		2480	1	-7.25	-37.25	Pass

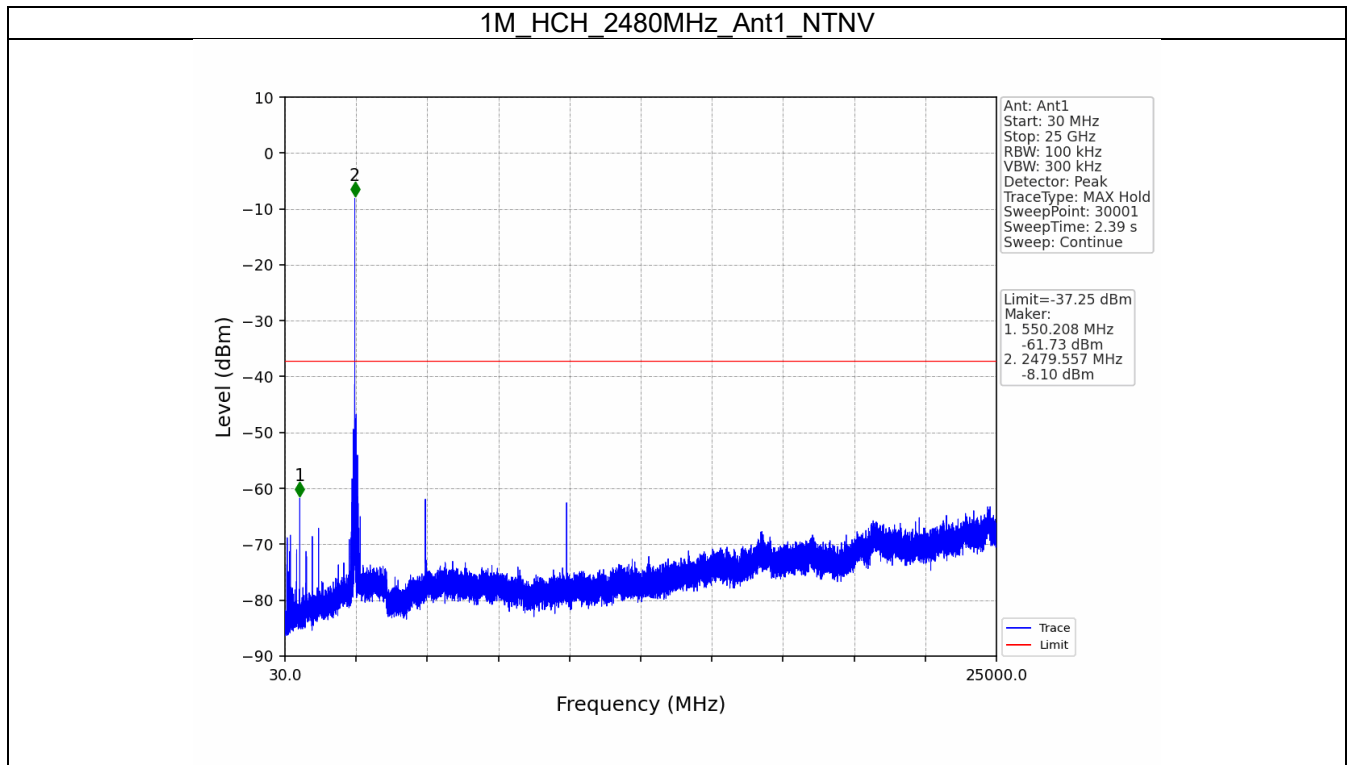
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.



5.2.2 Test Graph







----- End of Report -----