

## Test Data for BLE

Product Name: RZBoard V2L

Test Model(HVIN): AES-RZB-V2L-SK-G

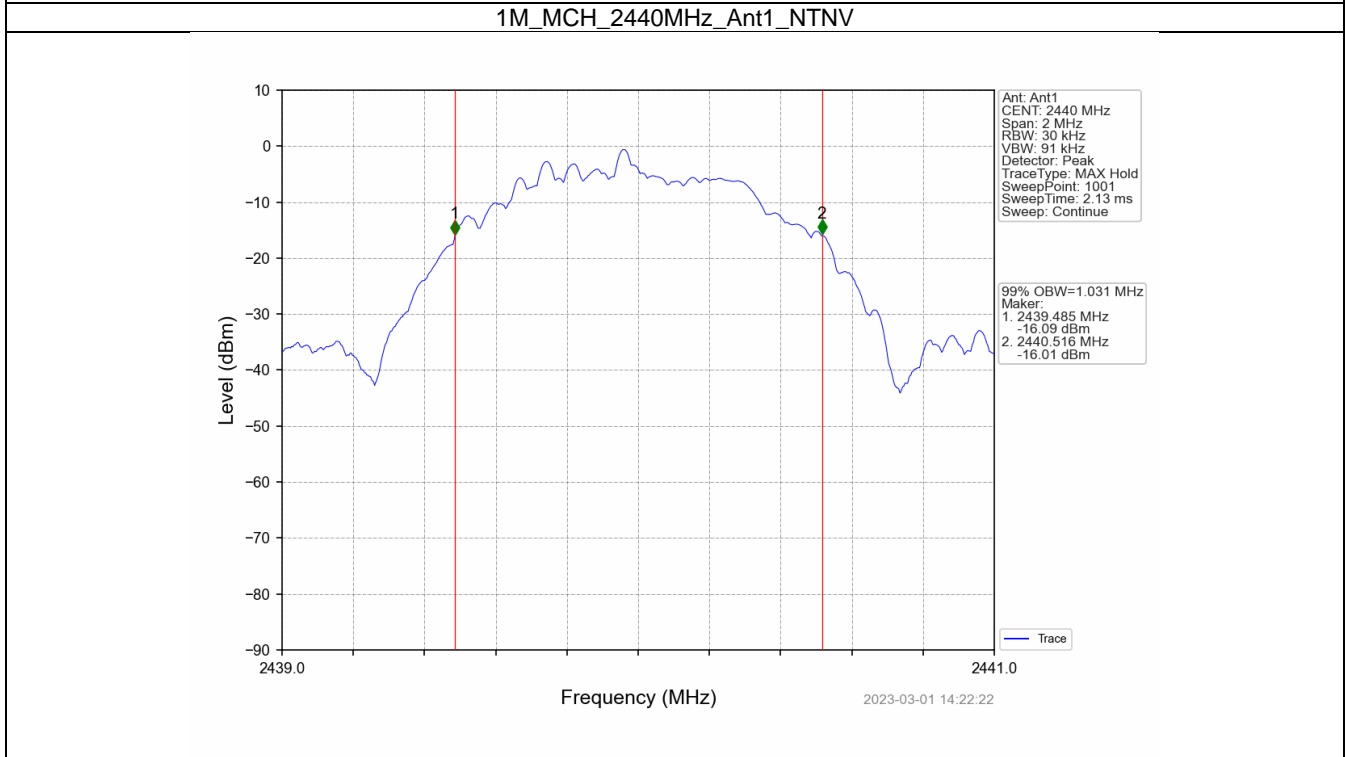
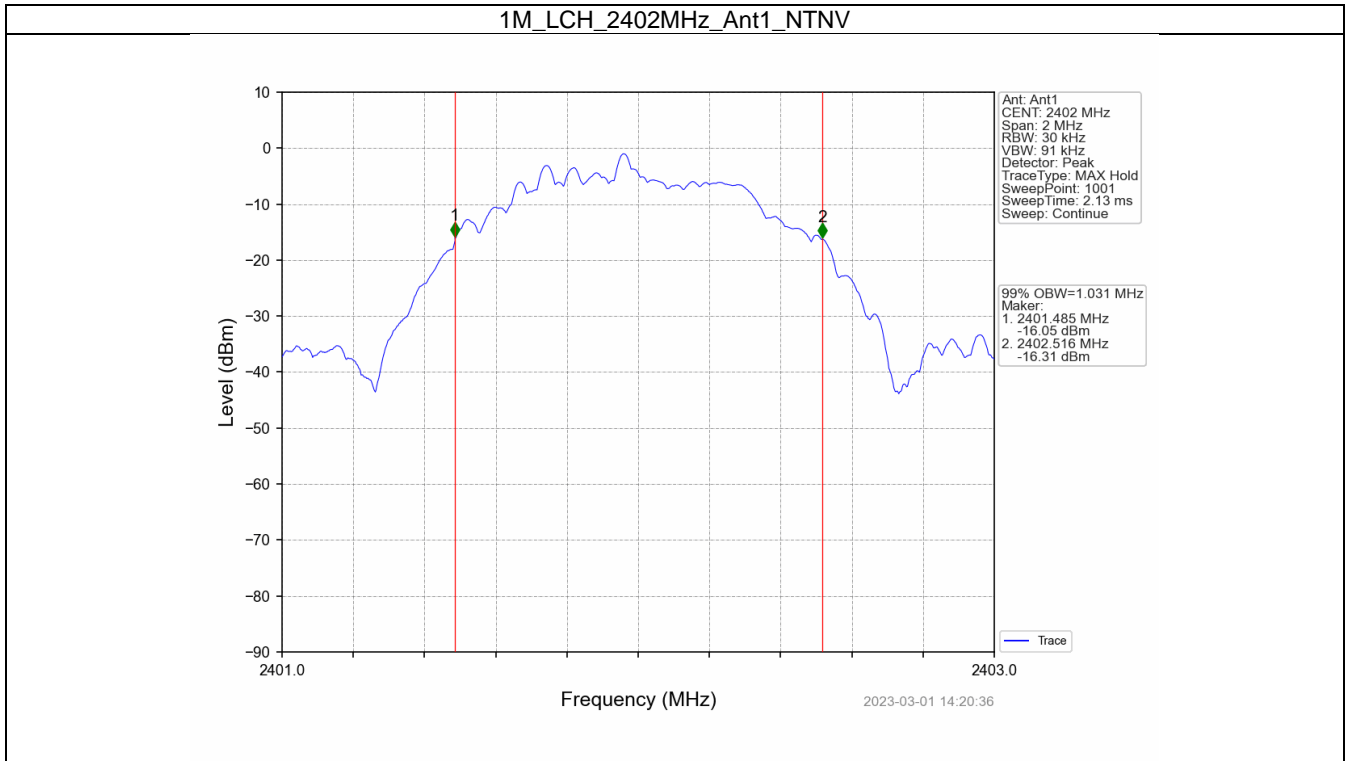
### 1. Bandwidth

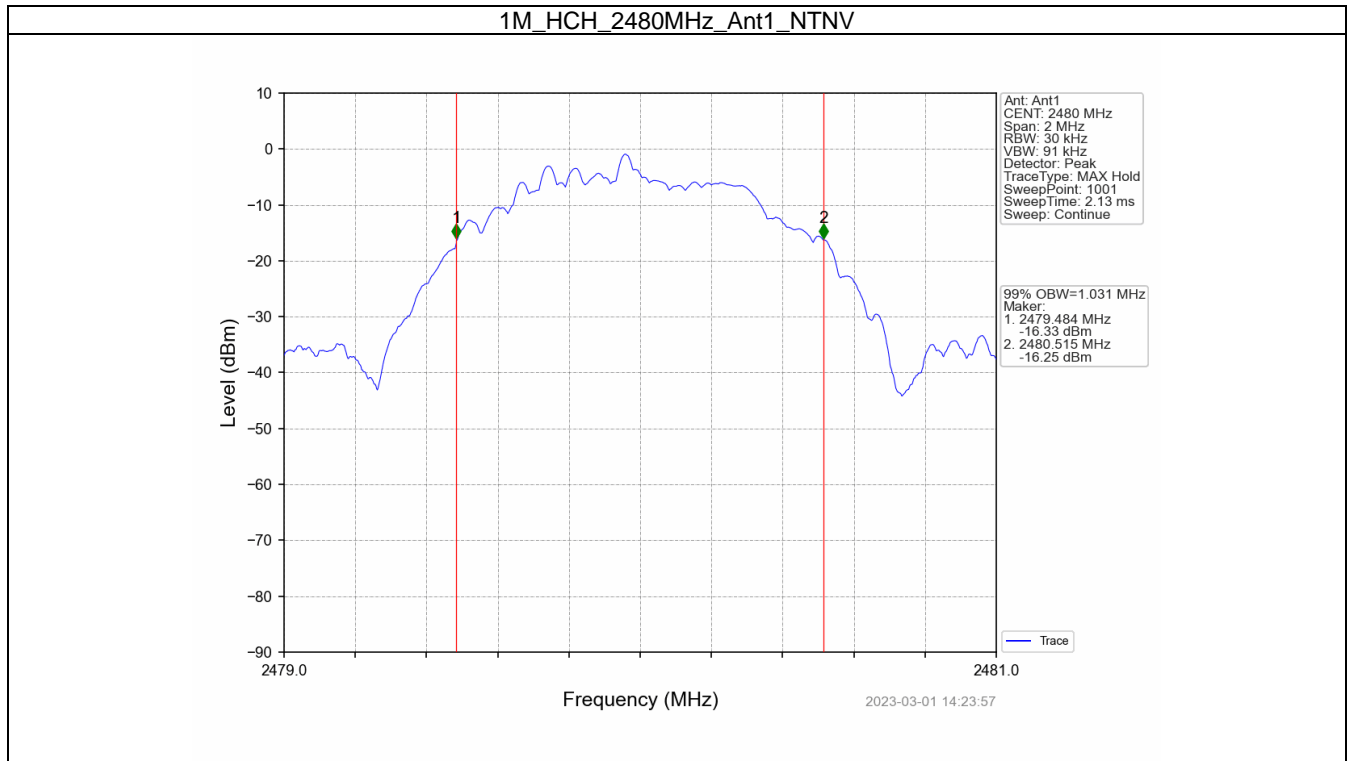
#### 1.1 OBW

##### 1.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
1M	SISO	2402	1	1.031	Pass
		2440	1	1.031	Pass
		2480	1	1.031	Pass

1.1.2 Test Graph



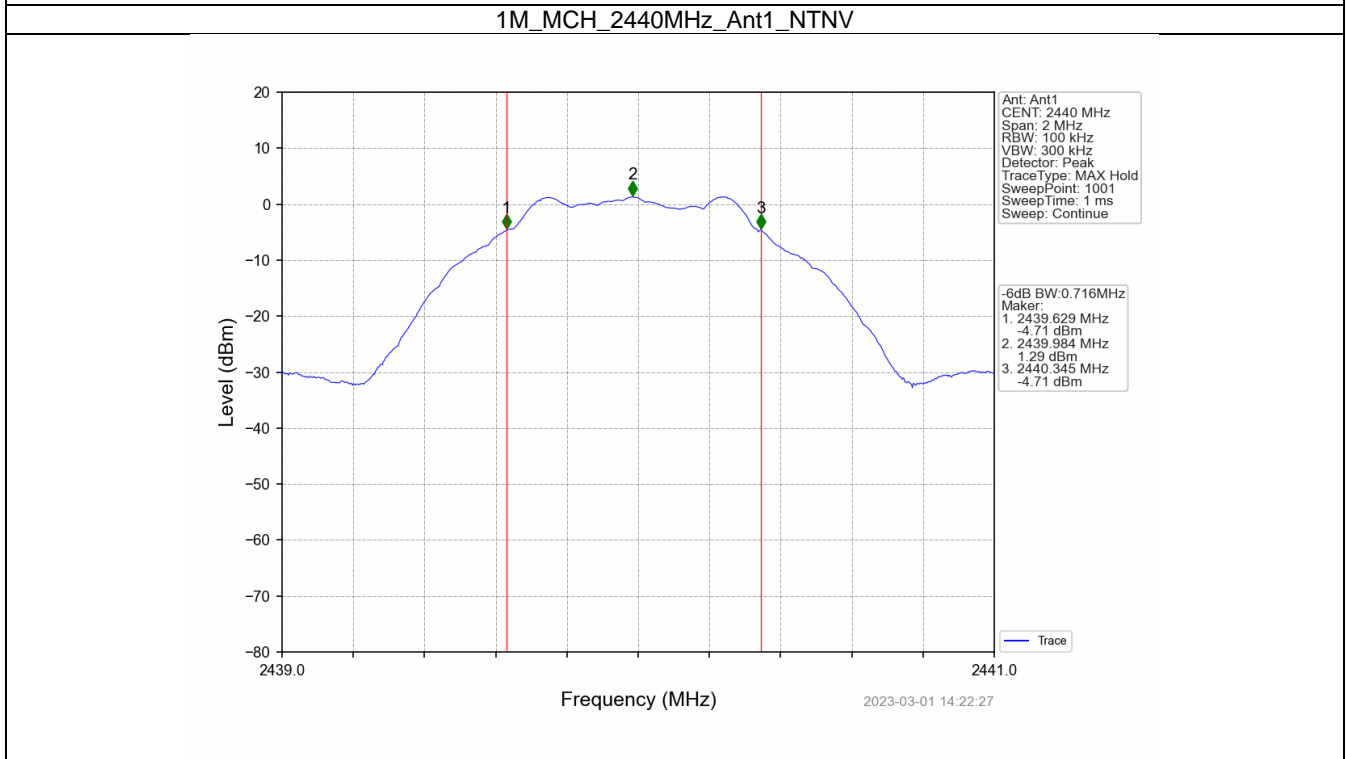
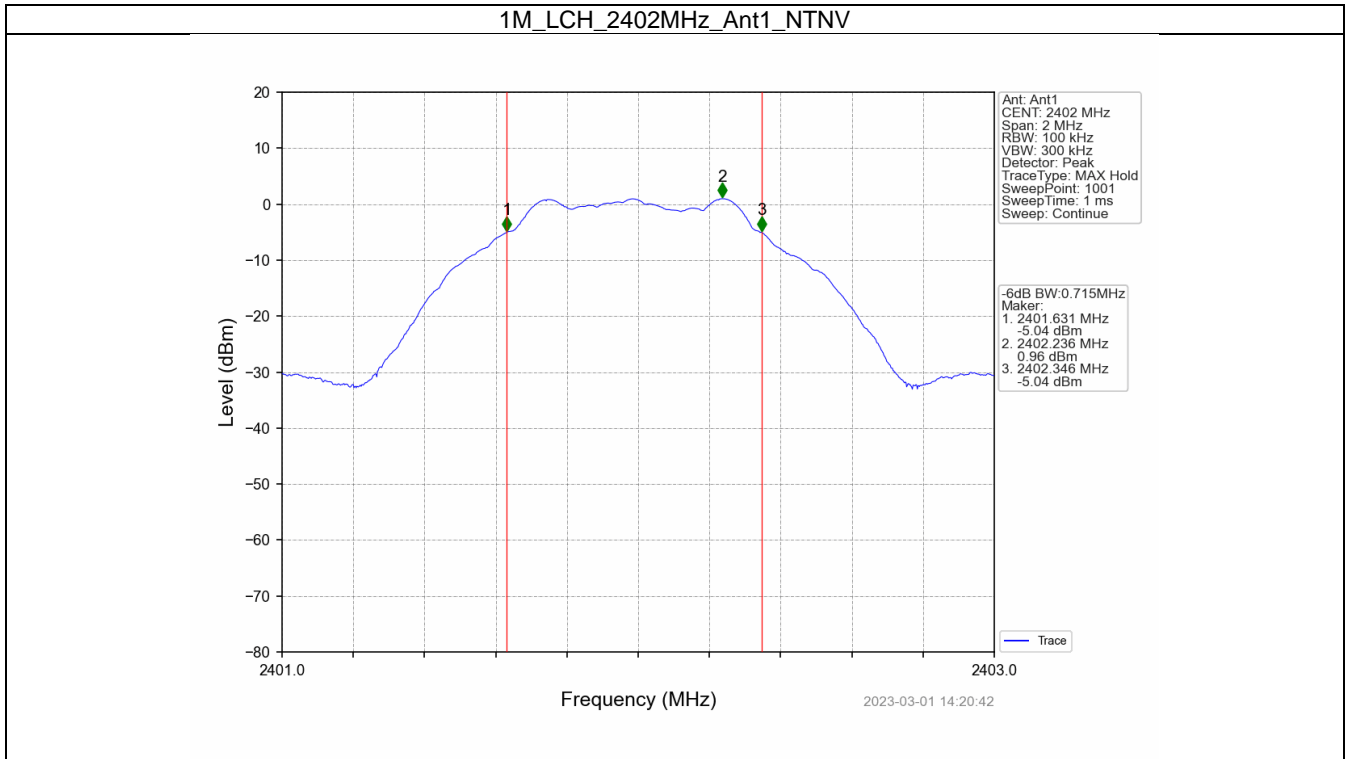


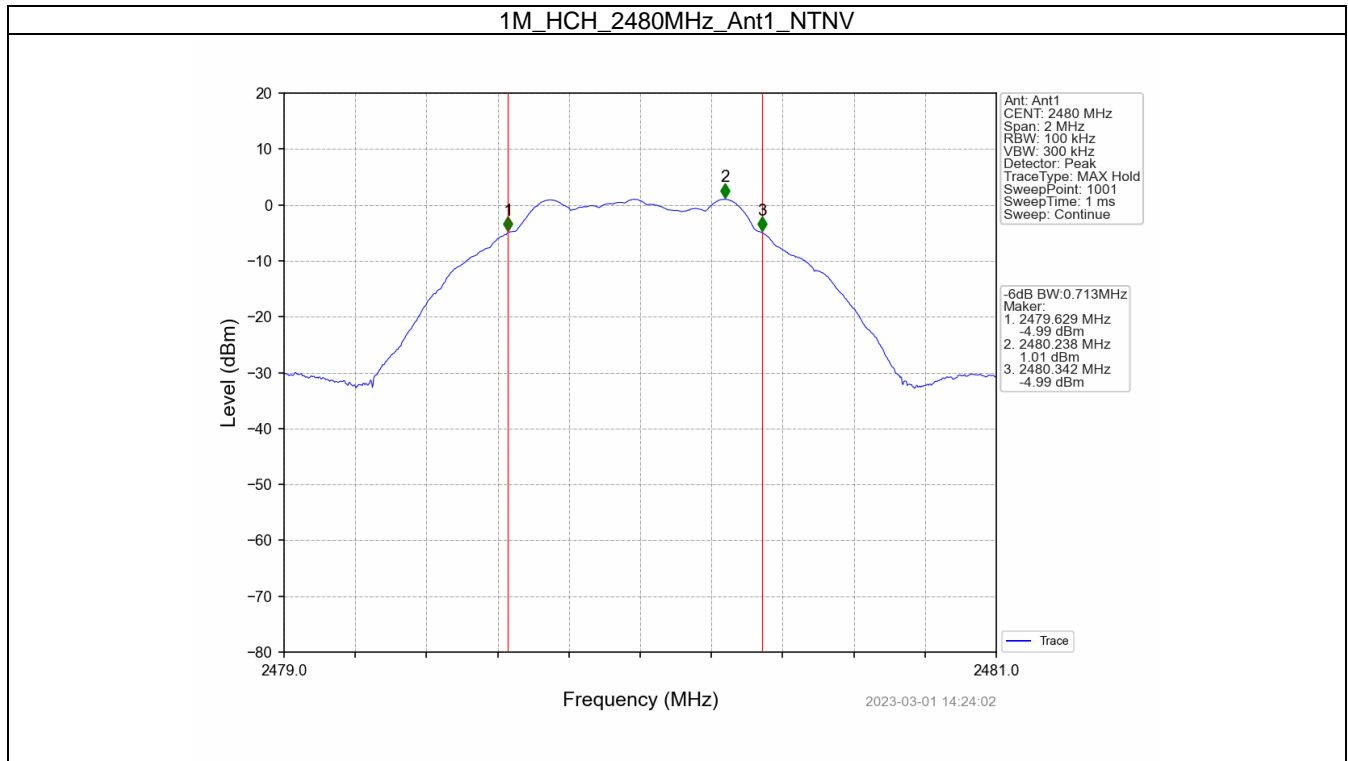
## 1.2 6dB BW

### 1.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.715	>=0.5	Pass
		2440	1	0.716	>=0.5	Pass
		2480	1	0.713	>=0.5	Pass

1.2.2 Test Graph





## 2. Maximum Conducted Output Power

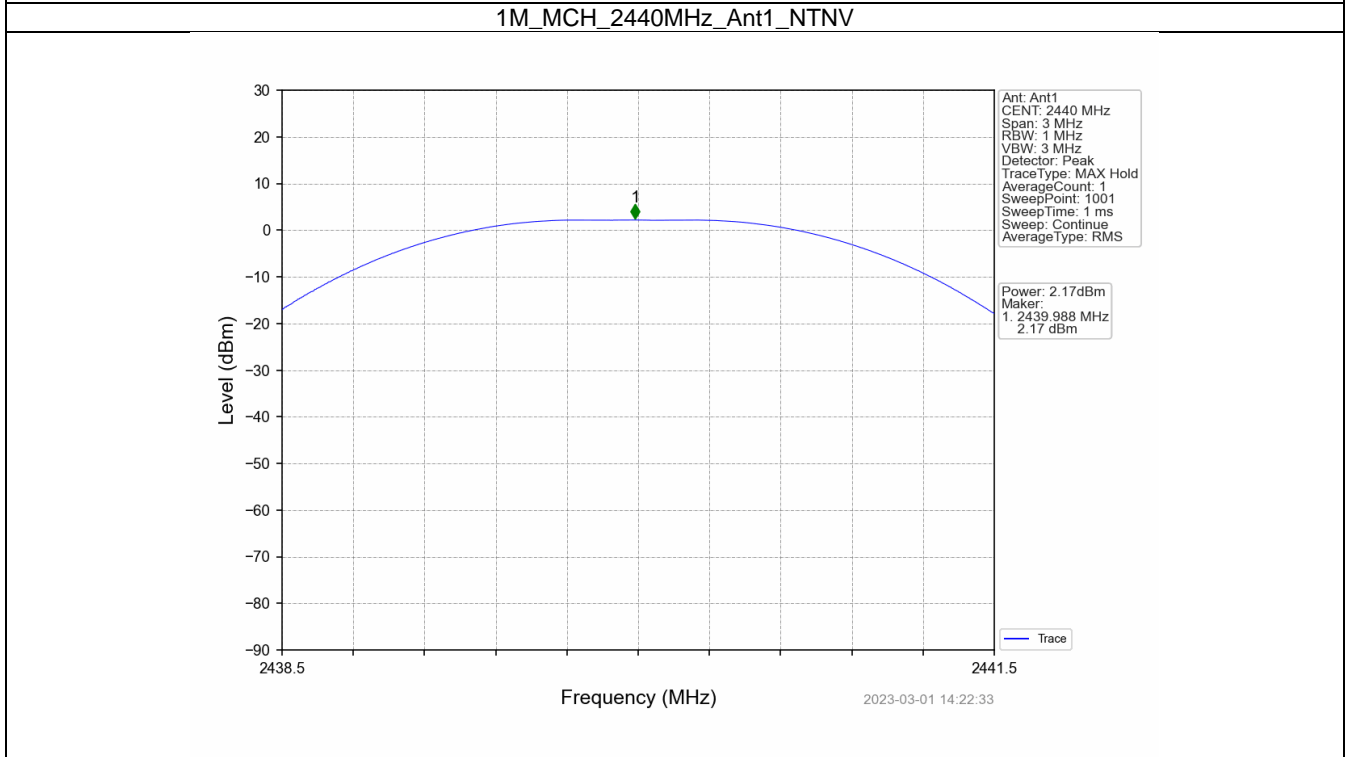
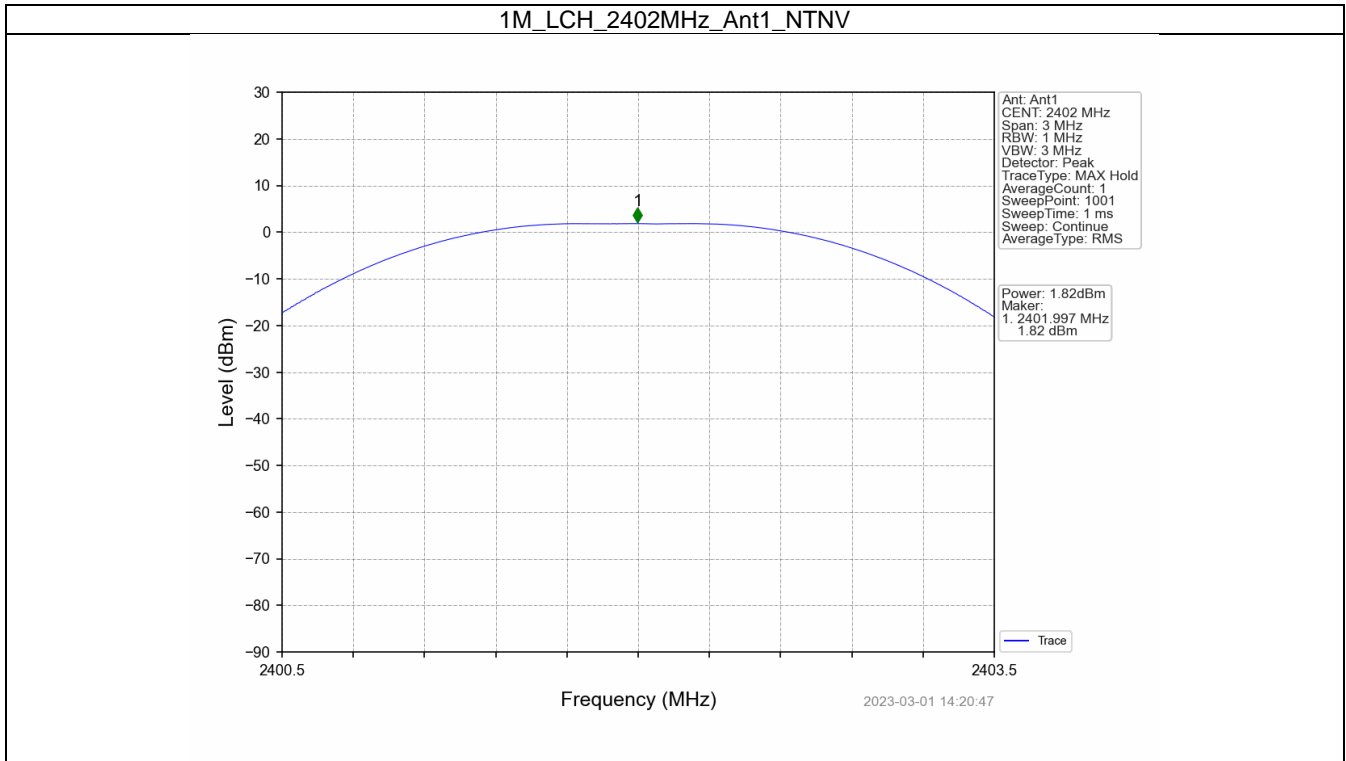
### 2.1 Power

#### 2.1.1 Test Result

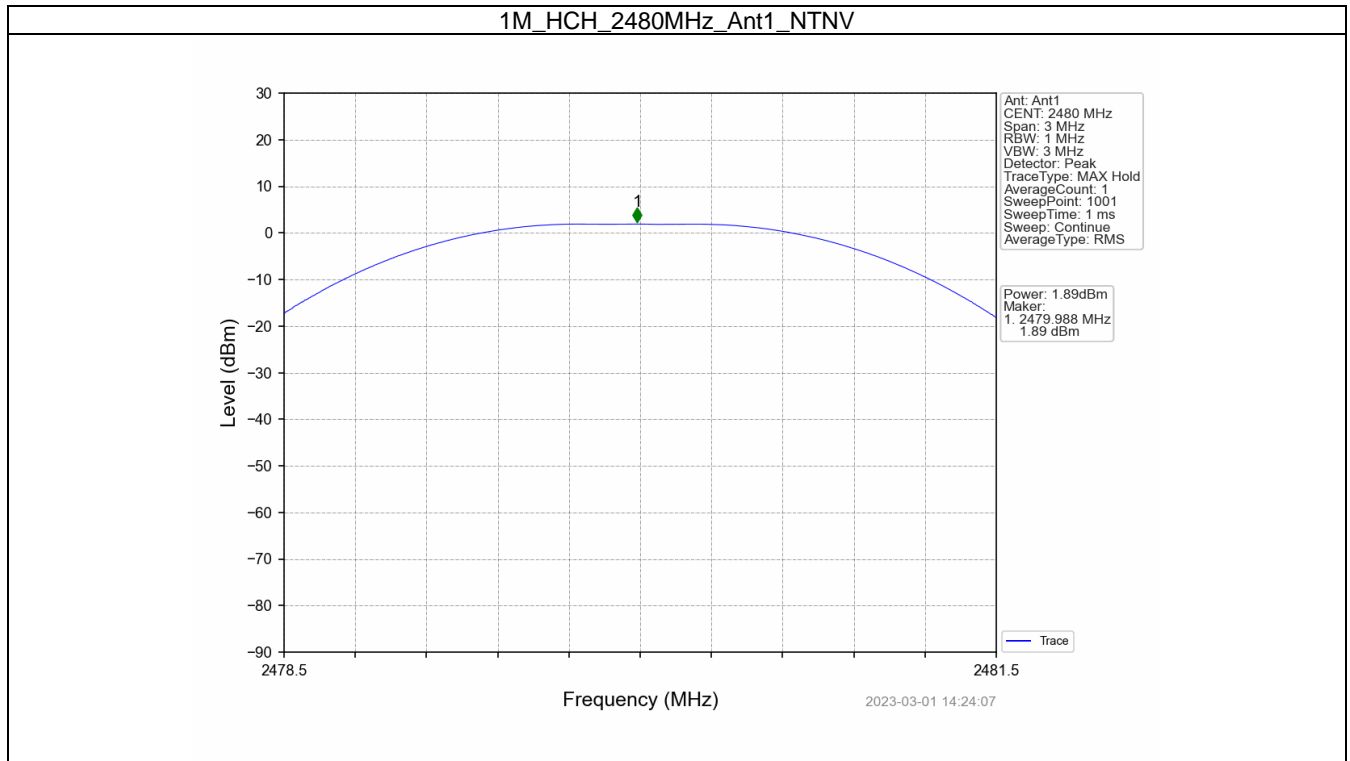
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)				Verdict
			ANT1	Limit	EIRP	Limit	
1M	SISO	2402	1.82	<=30	5.02	<=36	Pass
		2440	2.17	<=30	5.37	<=36	Pass
		2480	1.89	<=30	5.09	<=36	Pass

Note1: Antenna Gain: Ant1: 3.20dBi;

2.1.2 Test Graph







### 3. Maximum Power Spectral Density

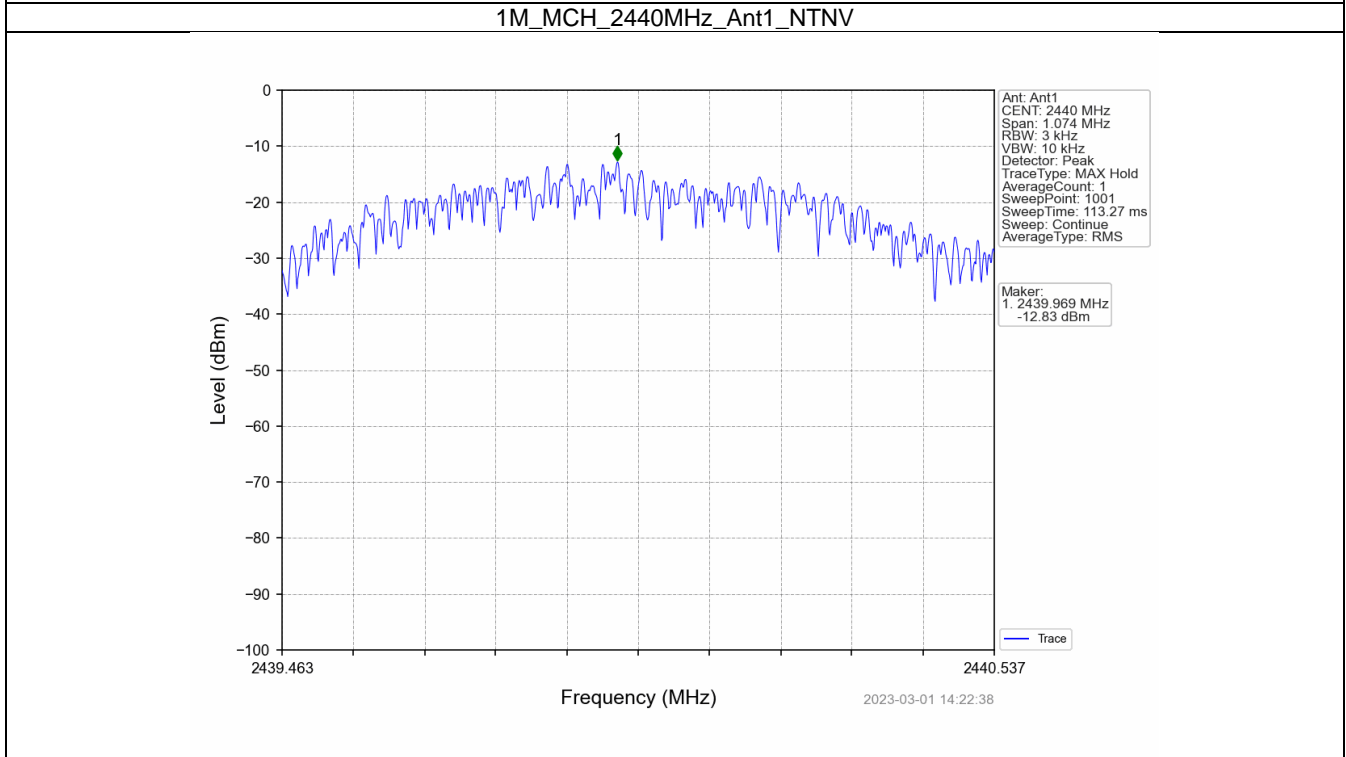
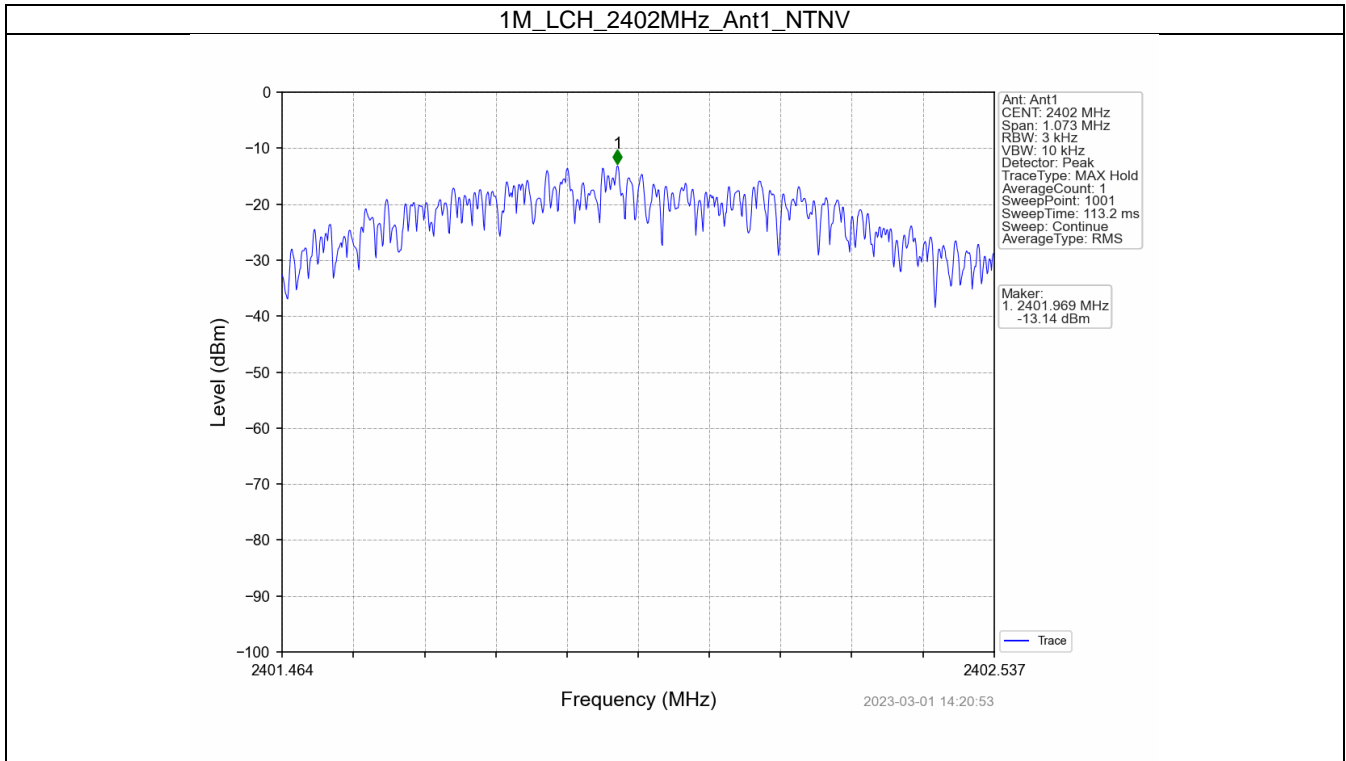
#### 3.1 PSD

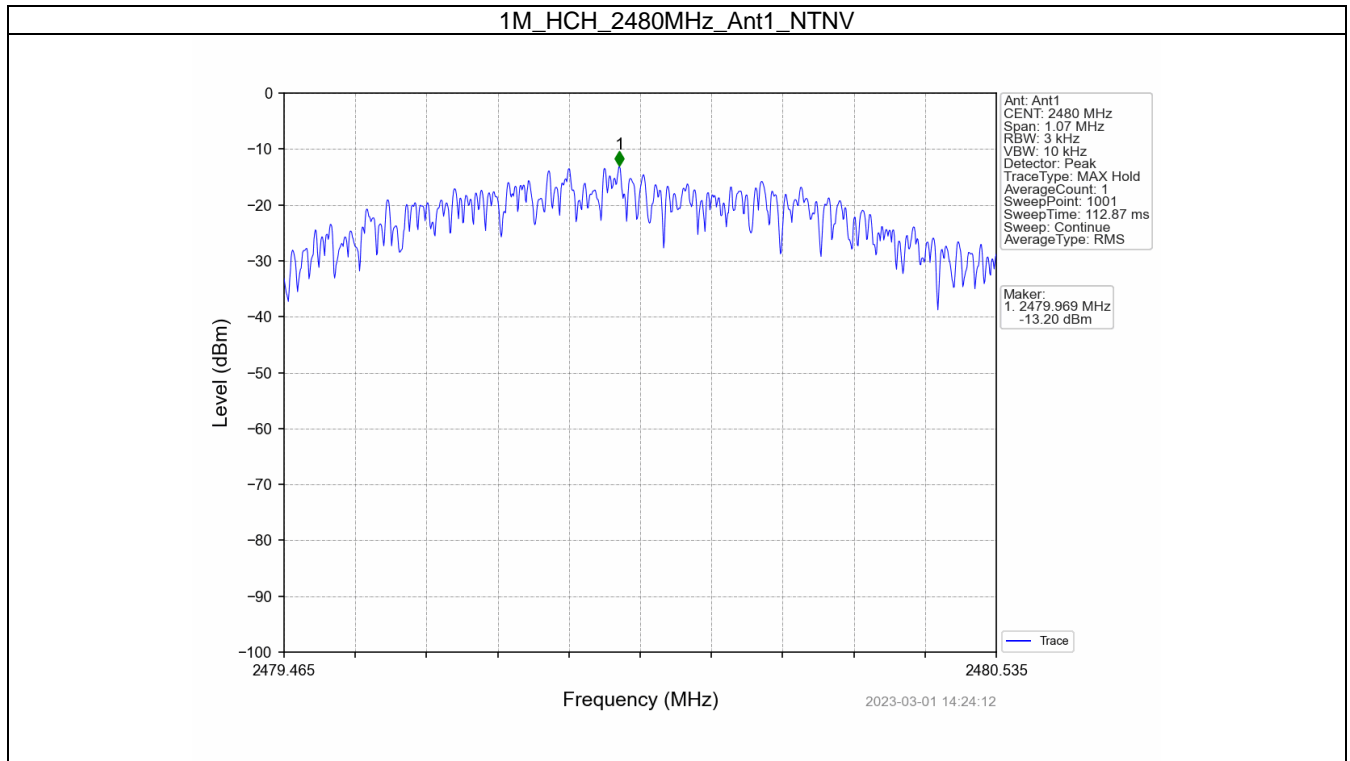
##### 3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
1M	SISO	2402	-13.14	<=8	Pass
		2440	-12.83	<=8	Pass
		2480	-13.20	<=8	Pass

Note1: Antenna Gain: Ant1: 3.20dBi;

3.1.2 Test Graph





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

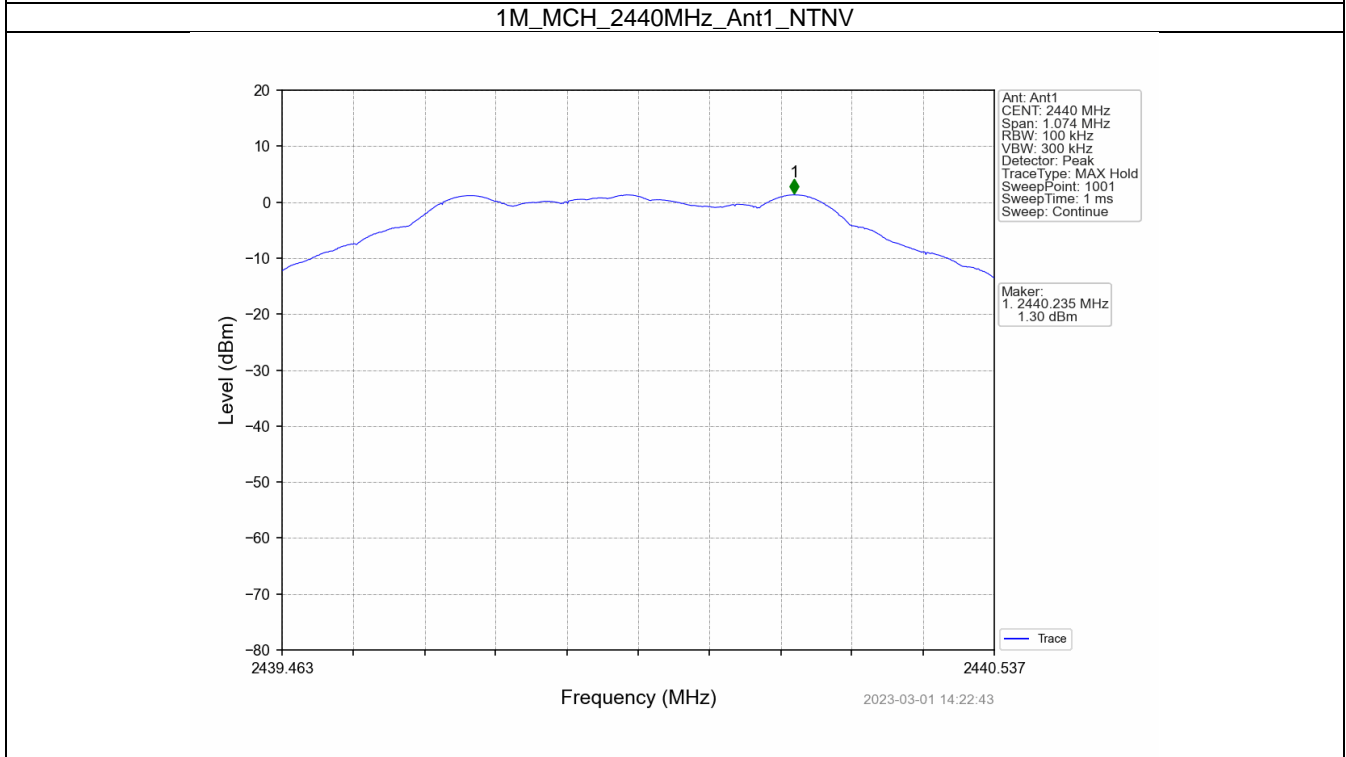
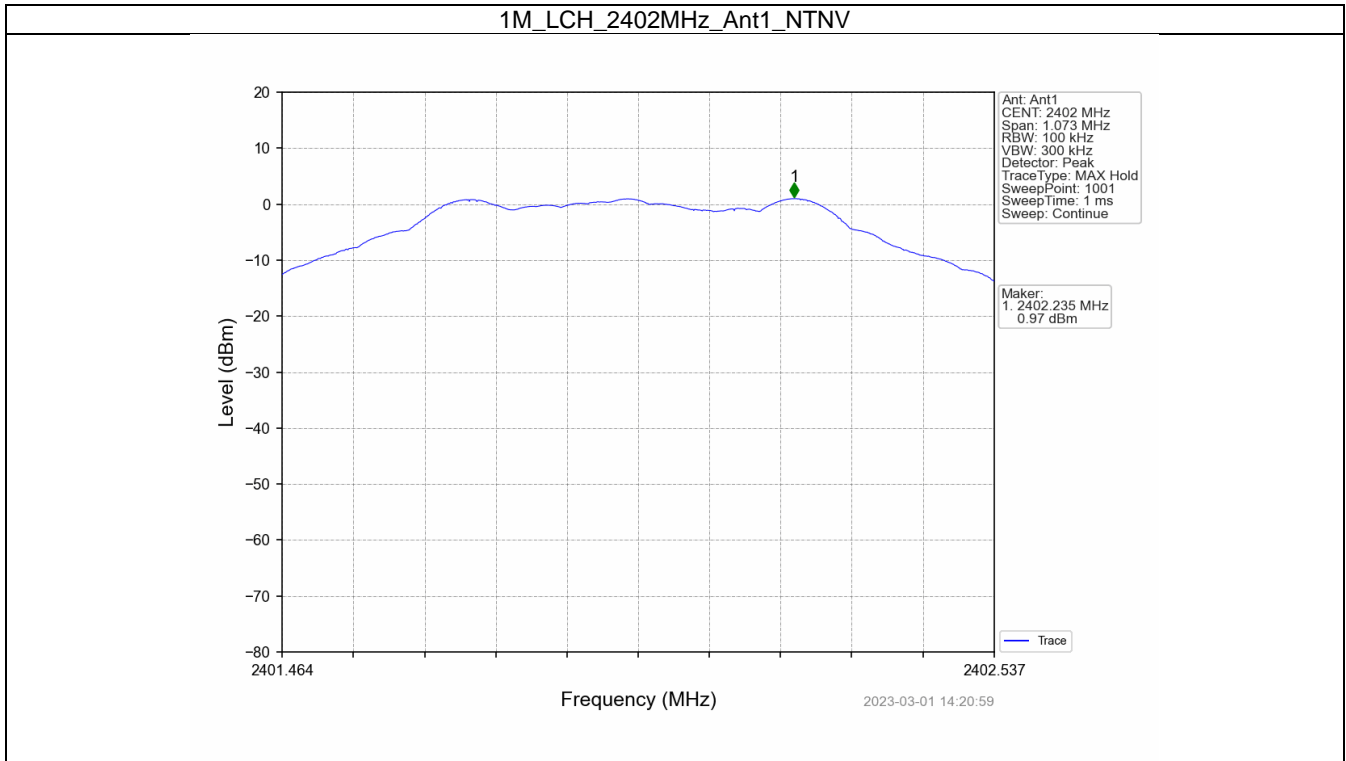
### 4.1 Ref

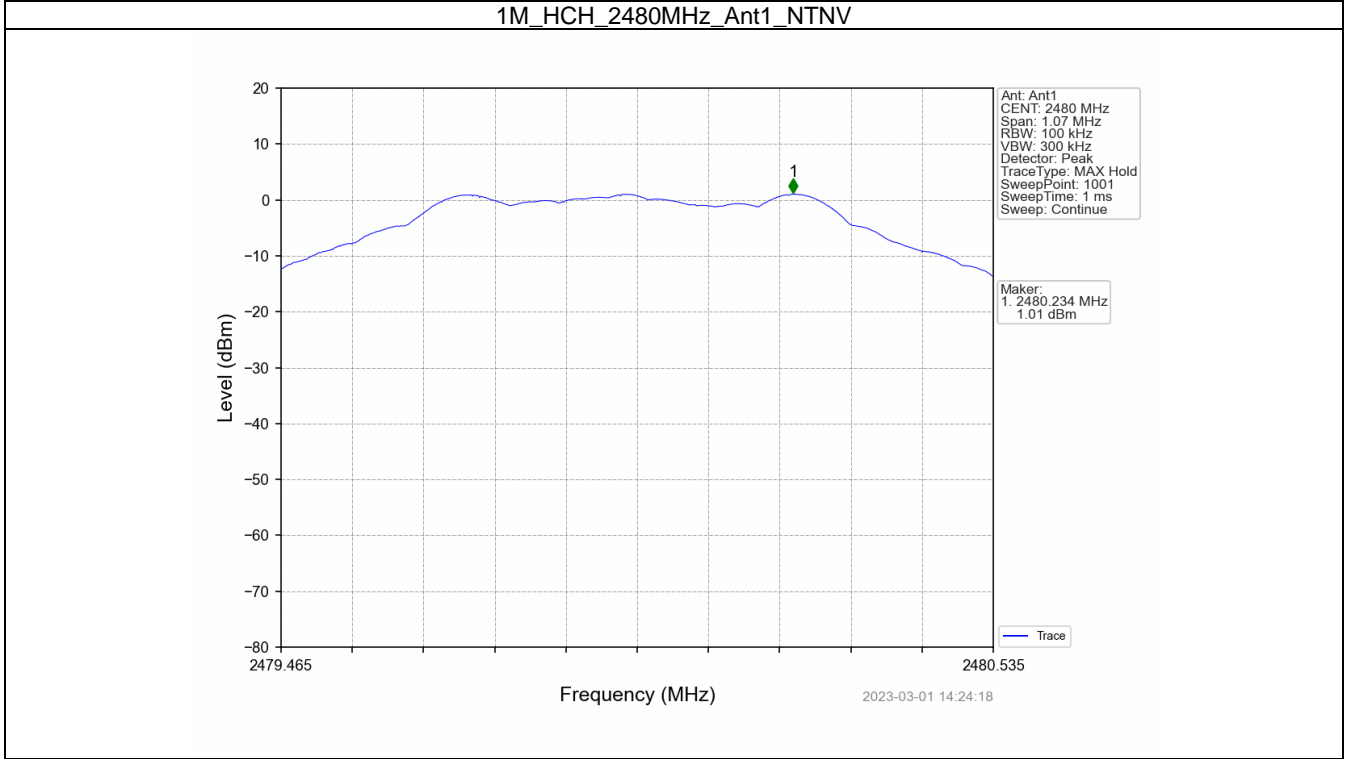
#### 4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	0.97
		2440	1	1.30
		2480	1	1.01

Note1: Refer to RSS-247 Issue 2 section 5.5 and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

4.1.2 Test Graph





## 4.2 CSE

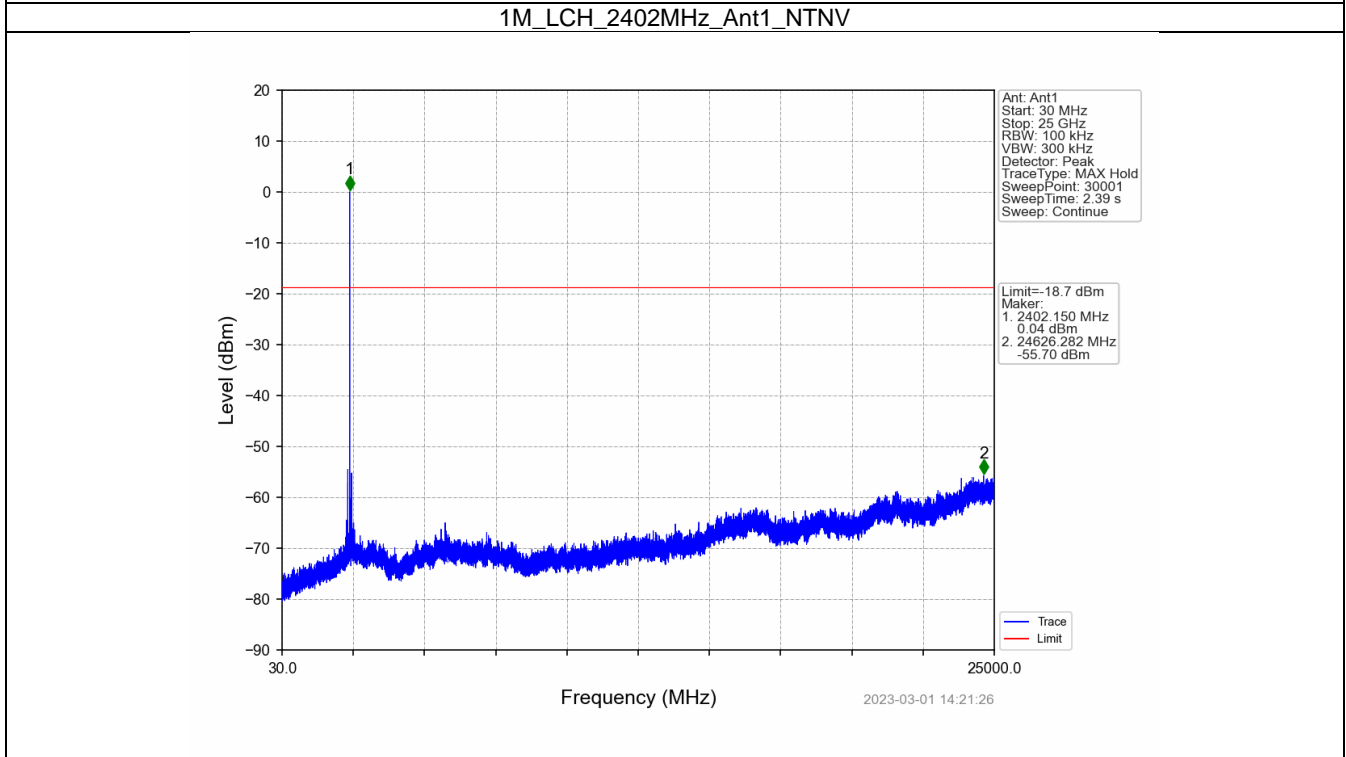
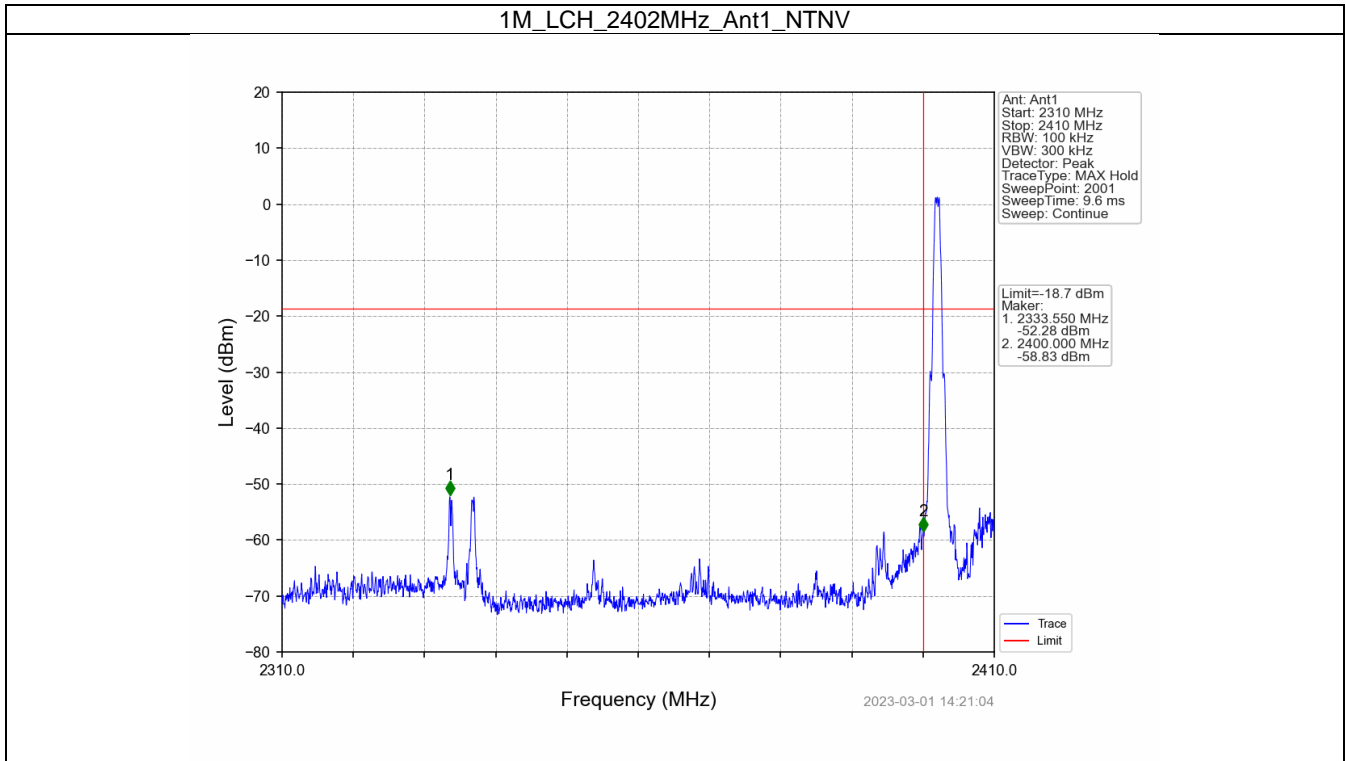
### 4.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	1.30	-18.70	Pass
		2440	1	1.30	-18.70	Pass
		2480	1	1.30	-18.70	Pass

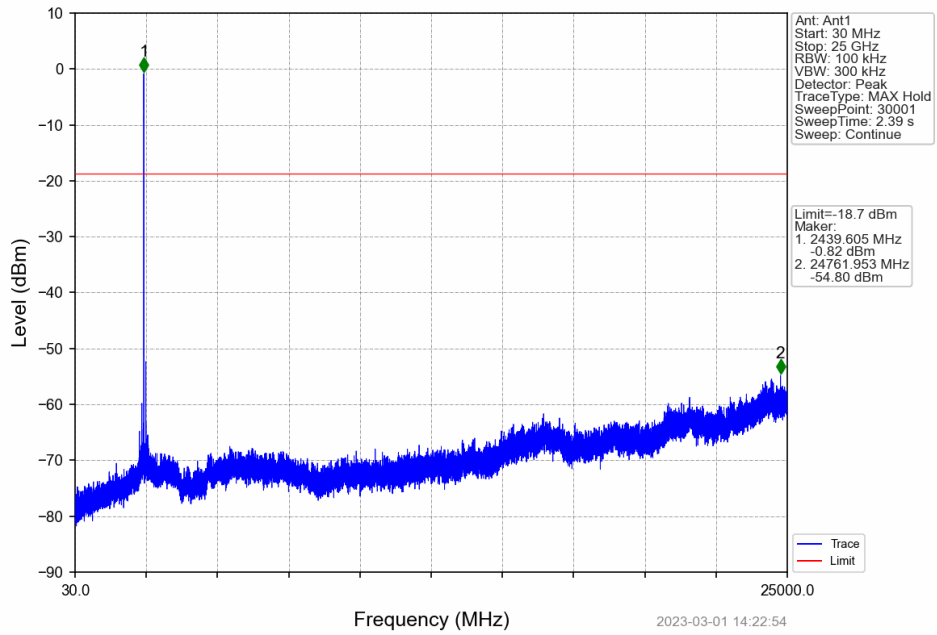
Note1: Refer to RSS-247 Issue 2 section 5.5 and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.



4.2.2 Test Graph



1M\_MCH\_2440MHz\_Ant1\_NTNV



1M\_HCH\_2480MHz\_Ant1\_NTNV

