# ANNEX TEST DATA BLE
# FCC ID: 2BXYG-RK168

| | |
|---|---|
| Applicant: | Shenzhen Rongkang Technology Co., Ltd. |
| Address: | Room905,Huayu Science and Technology Building, Niulanqian Industrial Zone. Minzhi Street. Xinniu Community, Minzhi Street. Longhua District, Shenzhen, Guangdong, China |
| Manufacturer: | Shenzhen Rongkang Technology Co., Ltd. |
| Address: | Room905,Huayu Science and Technology Building, Niulanqian Industrial Zone. Minzhi Street. Xinniu Community, Minzhi Street. Longhua District, Shenzhen, Guangdong, China |
| Product Name: | Smart Watch |
| Trade Mark: | N/A |
| Model Number: | RK168, RK100, RK128, RK158, RK200, RK268, RK300, RK400, RK520, RK600, RK700, RK800, AK17G, BH11, AK15, AK73, AK75, AK82, AK83, AK86, AK87, AK88, AK91, AK92, AK93, AK95, AK102, AK103, AK105, AK106, AK107, AK108, AK109, AK112 |
| Date of Receipt: | Aug. 12, 2026 |
| Test Date: | Aug. 12, 2026 – Aug. 21, 2026 |
| Date of Report: | Aug. 21, 2026 |
| Prepared By: | Shenzhen DL Testing Technology Co., Ltd. |
| Address: | 101-201, Comprehensive Building, Tongzhou Electronics Longgang Factory Area, No.1 Baolong Fifth Road, Baolong Community, Baolong Street, Longgang District, Shenzhen, China |
| Applicable Standards: | FCC PART 15 C 15.247<br>ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 |
| Test Result: | Pass |
| Report Number: | DLE-260812009R |

# 1. Bandwidth

## 1.1 Test Result

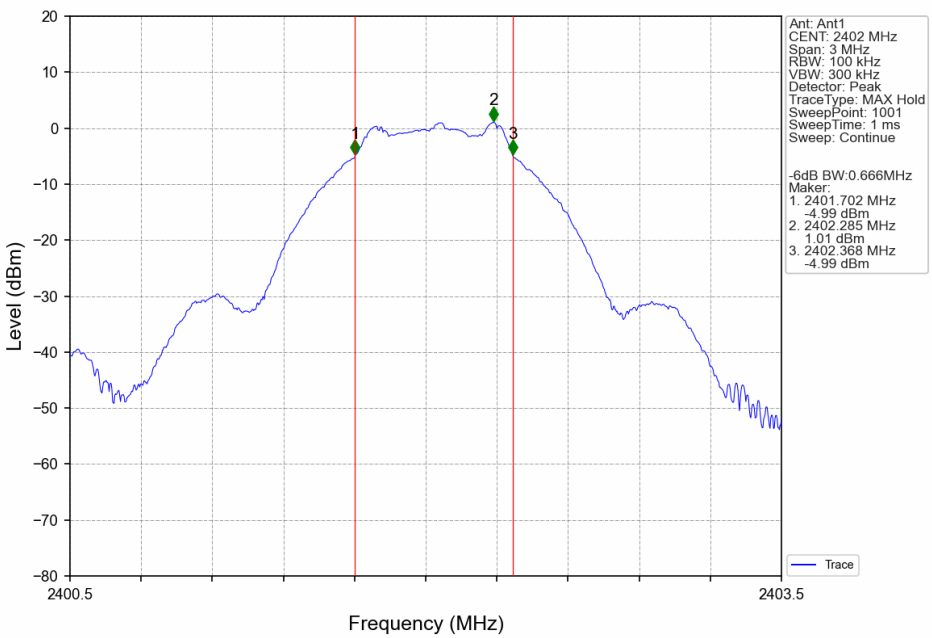
### 1.1.1 6dB BW

| Mode | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) | | Verdict |
|---|---|---|---|---|---|---|
| | | | | Result | Limit | |
| 1M | SISO | 2402 | 1 | 0.666 | >=0.5 | Pass |
| | | 2440 | 1 | 0.667 | >=0.5 | Pass |
| | | 2480 | 1 | 0.669 | >=0.5 | Pass |

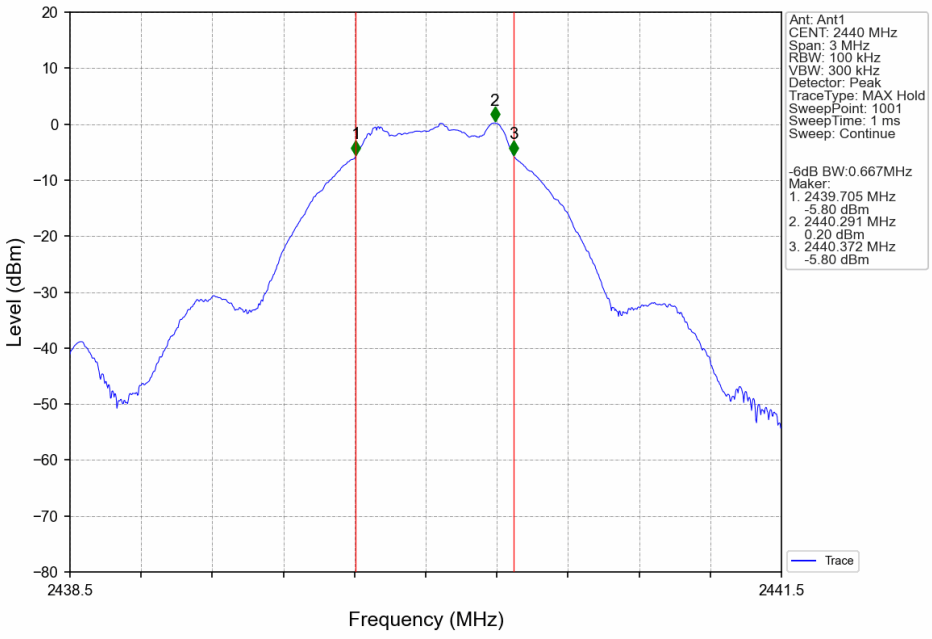
## 1.2 Test Graph

### 1.2.1 6dB BW

1M_LCH_2402MHz_Ant1_NTNV




1M_MCH_2440MHz_Ant1_NTNV



| 1M_HCH_2480MHz_Ant1_NTNV |
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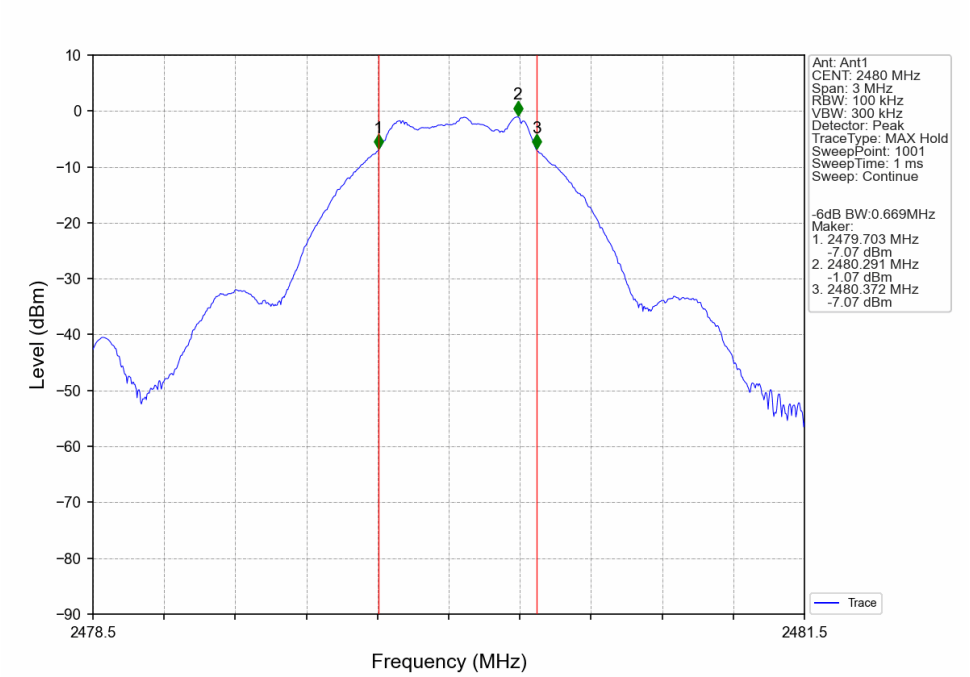


# 2. Maximum Conducted Output Power

## 2.1 Test Result

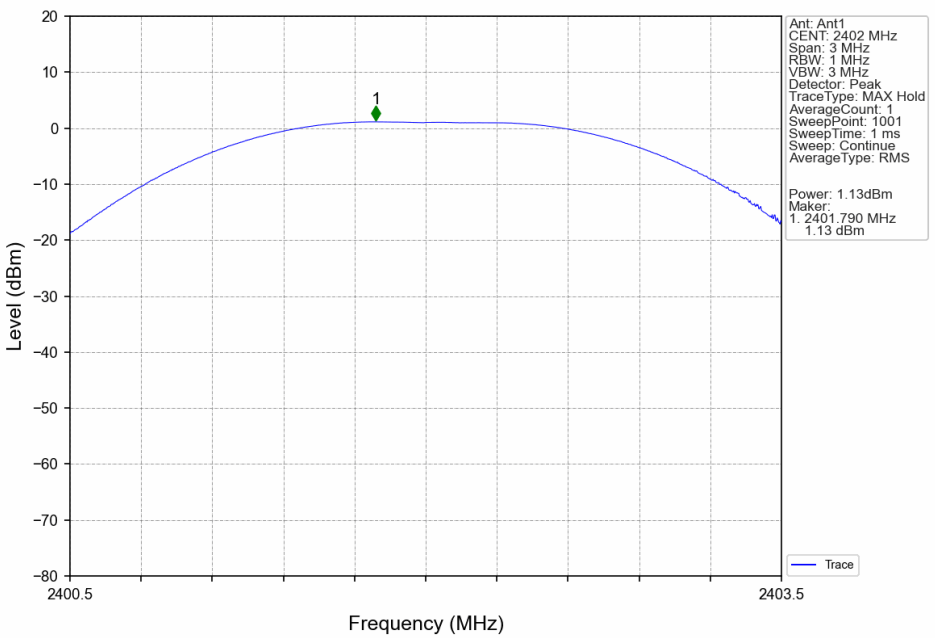
### 2.1.1 Power

| Mode | TX Type | Frequency (MHz) | Maximum Peak Conducted Output Power (dBm) | | Verdict |
|---|---|---|---|---|---|
| | | | ANT1 | Limit | |
| 1M | SISO | 2402 | 1.13 | <=30 | Pass |
| | | 2440 | 0.29 | <=30 | Pass |
| | | 2480 | -0.96 | <=30 | Pass |

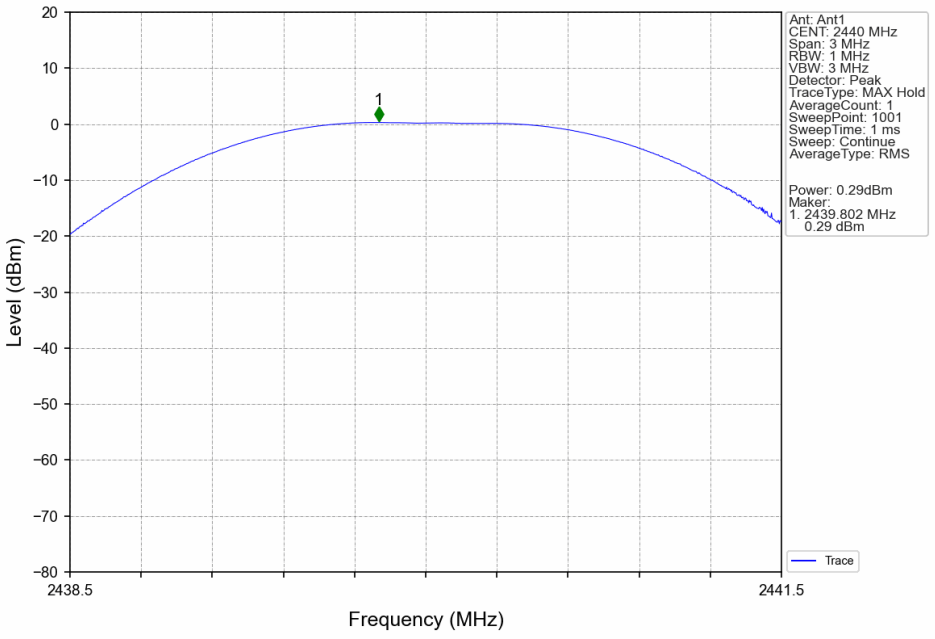
## 2.2 Test Graph

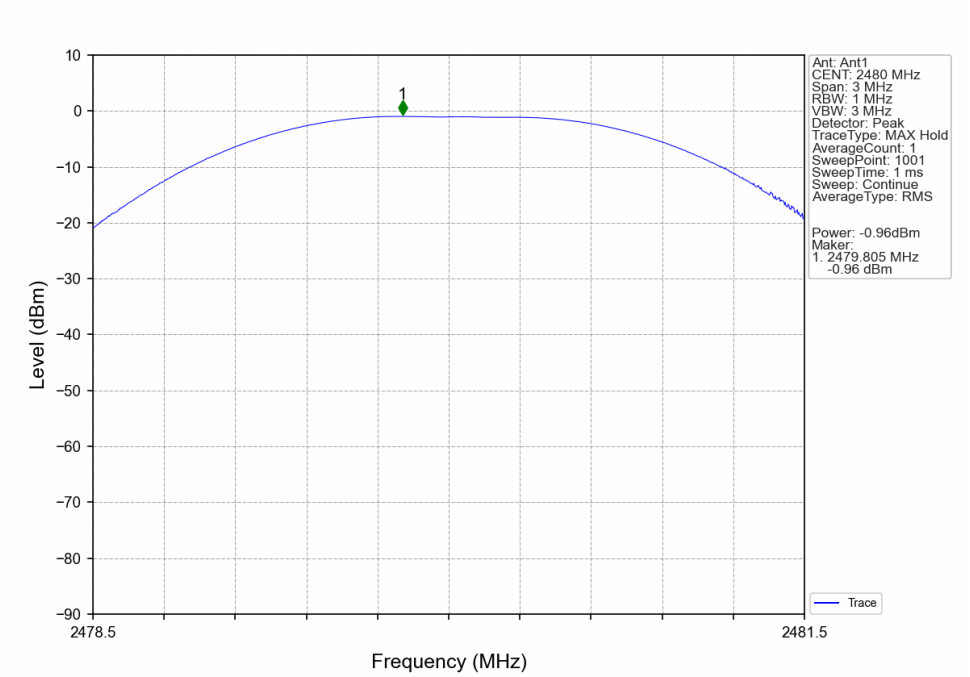
### 2.2.1 Power

1M_LCH_2402MHz_Ant1_NTNV




1M_MCH_2440MHz_Ant1_NTNV



| 1M_HCH_2480MHz_Ant1_NTNV |
| --- |
|  |

# 3. Maximum Power Spectral Density

## 3.1 Test Result

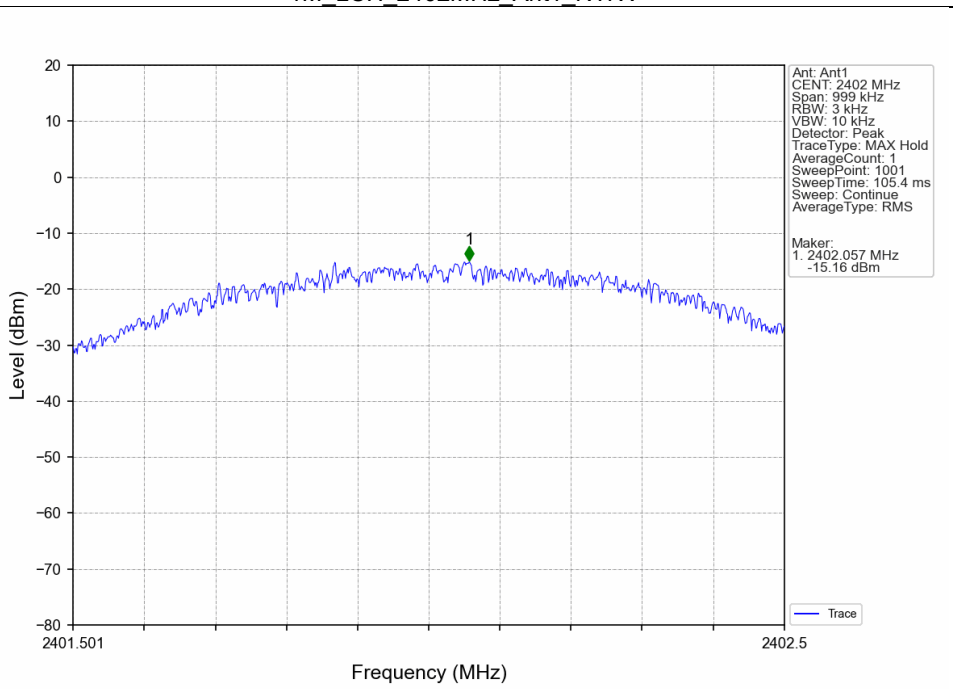
### 3.1.1 PSD

| Mode | TX Type | Frequency (MHz) | Maximum PSD (dBm) | | Verdict |
|---|---|---|---|---|---|
| | | | ANT1 | Limit(dBm/3kHz) | |
| 1M | SISO | 2402 | -15.16dBm/3kHz | <=8 | Pass |
| | | 2440 | -15.79dBm/3kHz | <=8 | Pass |
| | | 2480 | -17.20dBm/3kHz | <=8 | Pass |

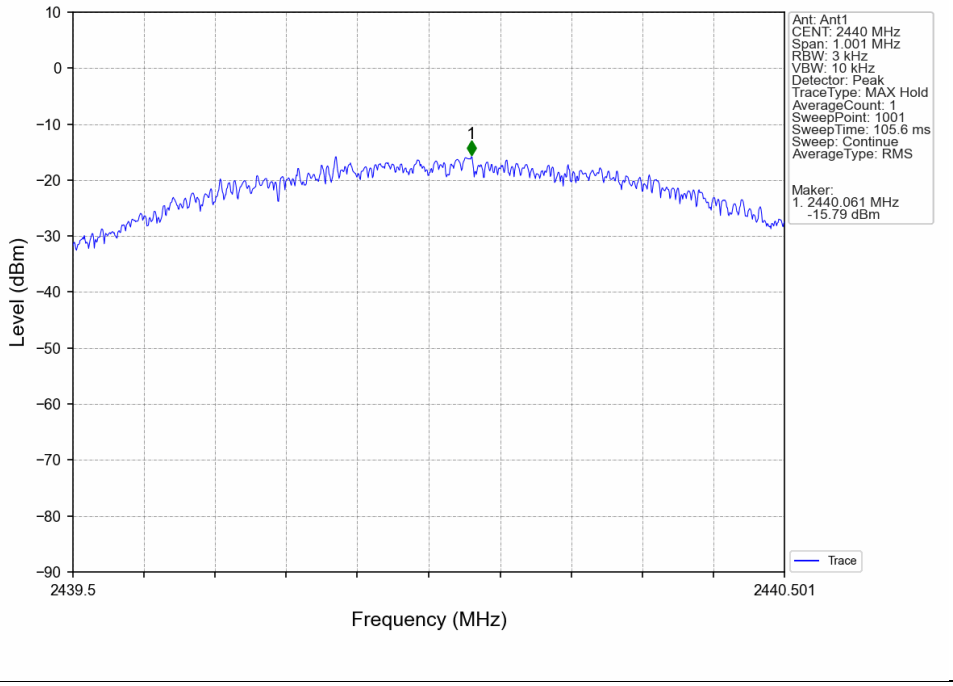
## 3.2 Test Graph

### 3.2.1 PSD

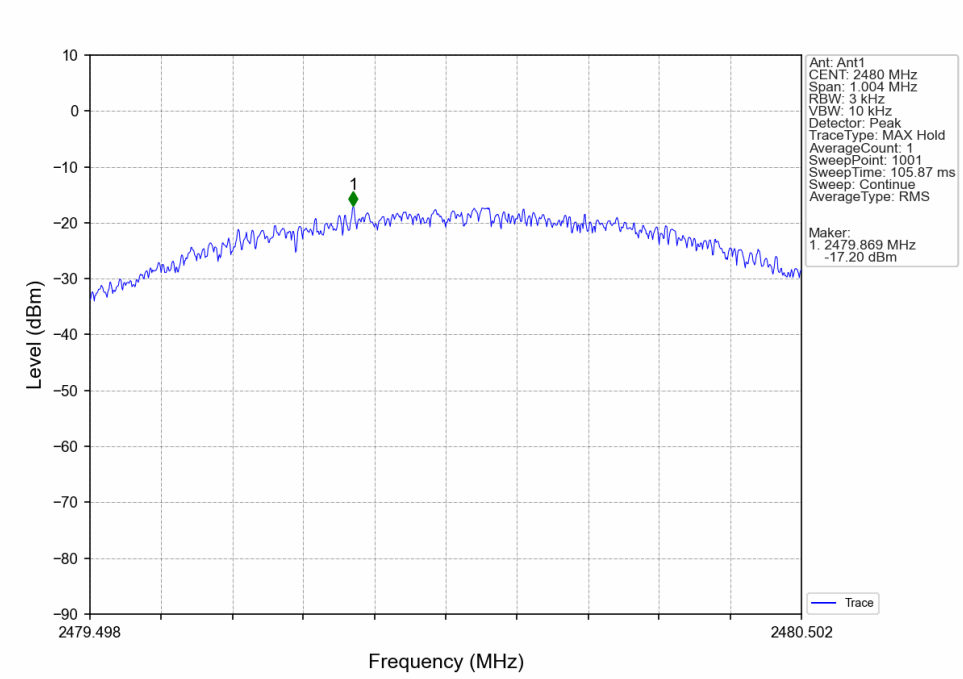
1M_LCH_2402MHz_Ant1_NTNV




1M_MCH_2440MHz_Ant1_NTNV



1M_HCH_2480MHz_Ant1_NTNV



# 4. Unwanted Emissions In Non-restricted Frequency Bands

## 4.1 Test Result

### 4.1.1 Ref

| Mode | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) |
|---|---|---|---|---|
| 1M | SISO | 2402 | 1 | 1.04 |
| | | 2440 | 1 | 0.19 |
| | | 2480 | 1 | -1.12 |

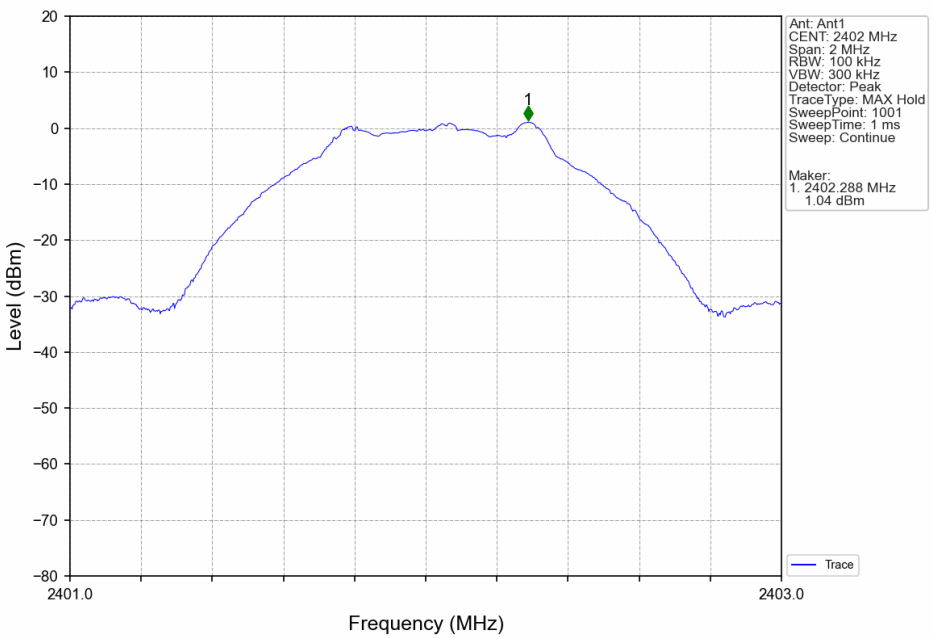
### 4.1.2 CSE

| Mode | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) | Limit (dBm) | Verdict |
|---|---|---|---|---|---|---|
| 1M | SISO | 2402 | 1 | 1.04 | -18.96 | Pass |
| | | 2440 | 1 | 0.19 | -19.81 | Pass |
| | | 2480 | 1 | -1.12 | -21.12 | Pass |

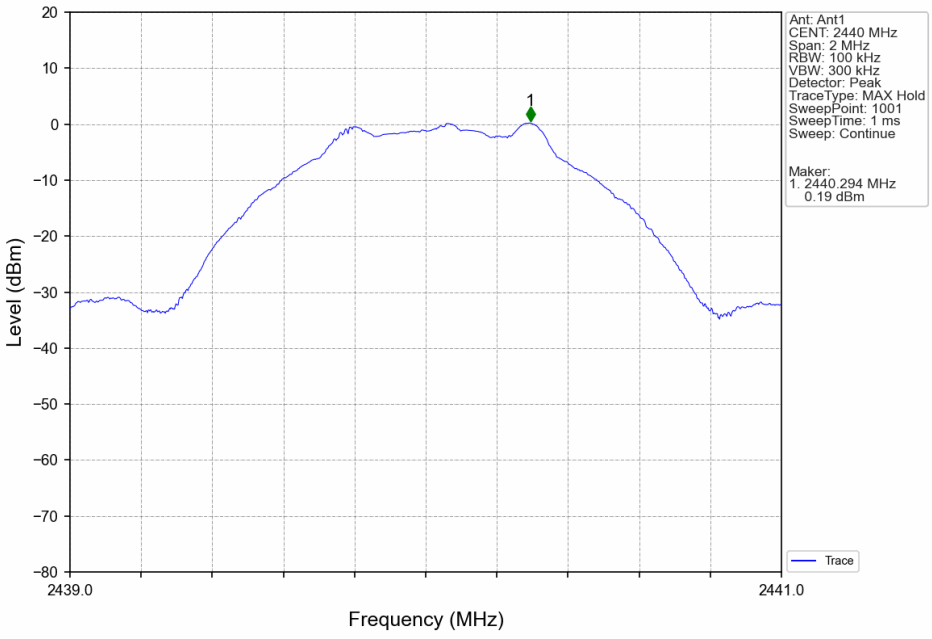
## 4.2 Test Graph

### 4.2.1 Ref

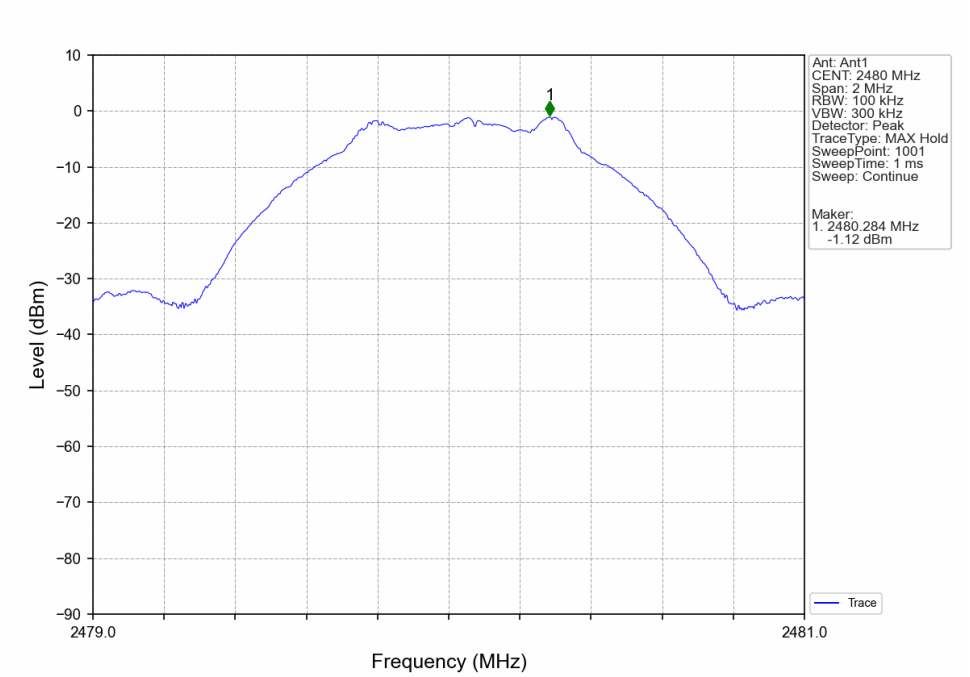
1M_LCH_2402MHz_Ant1_NTNV




1M_MCH_2440MHz_Ant1_NTNV

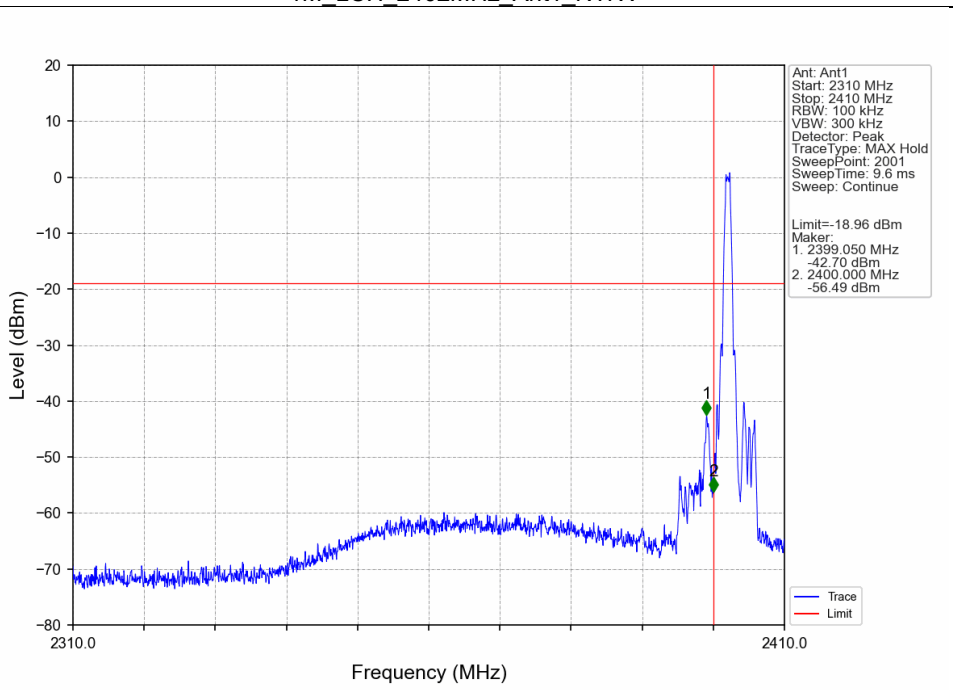


1M_HCH_2480MHz_Ant1_NTNV

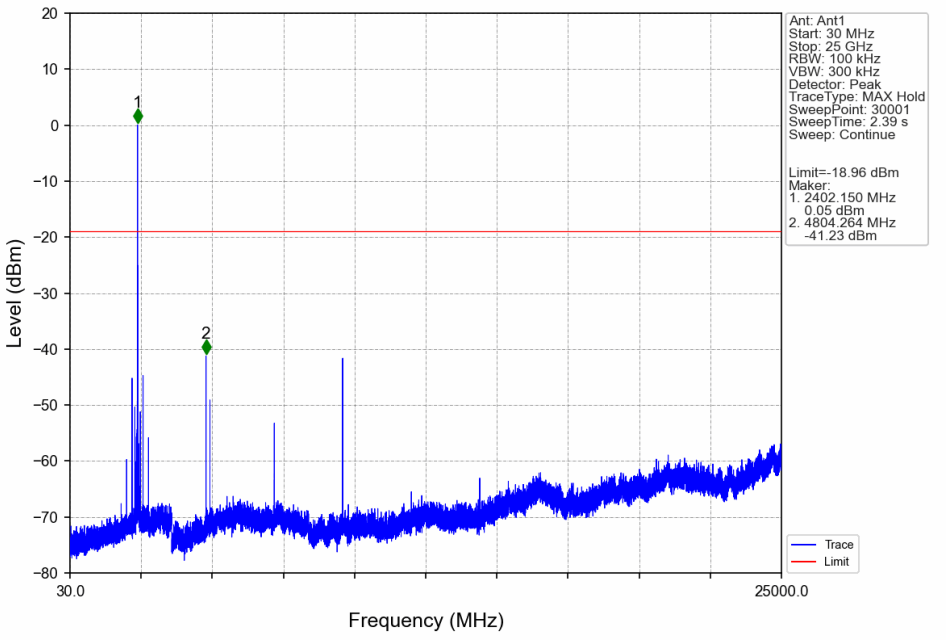


## 4.2.2 CSE

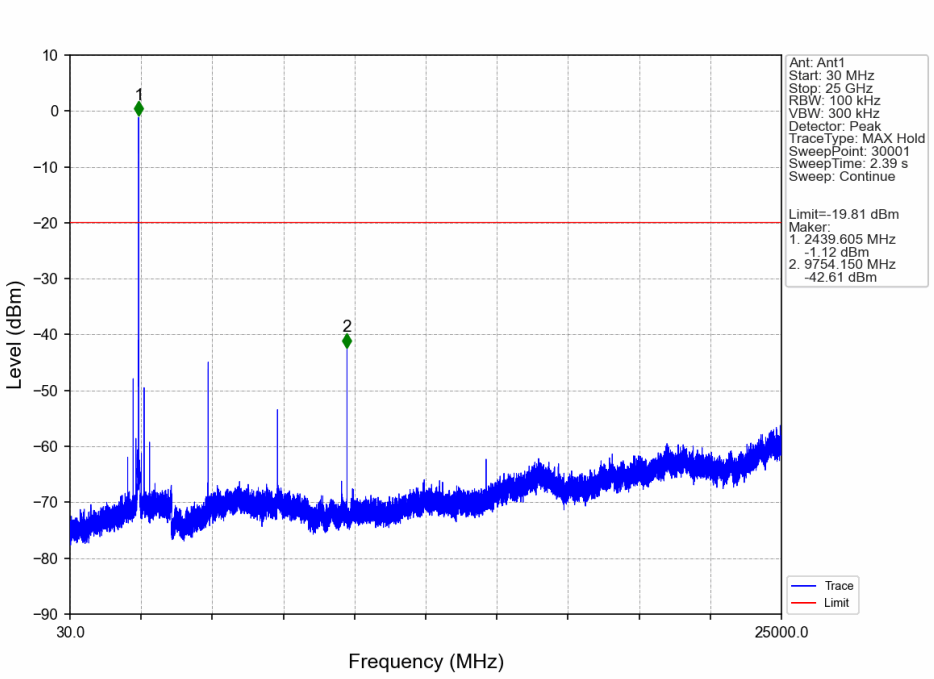
1M_LCH_2402MHz_Ant1_NTNV



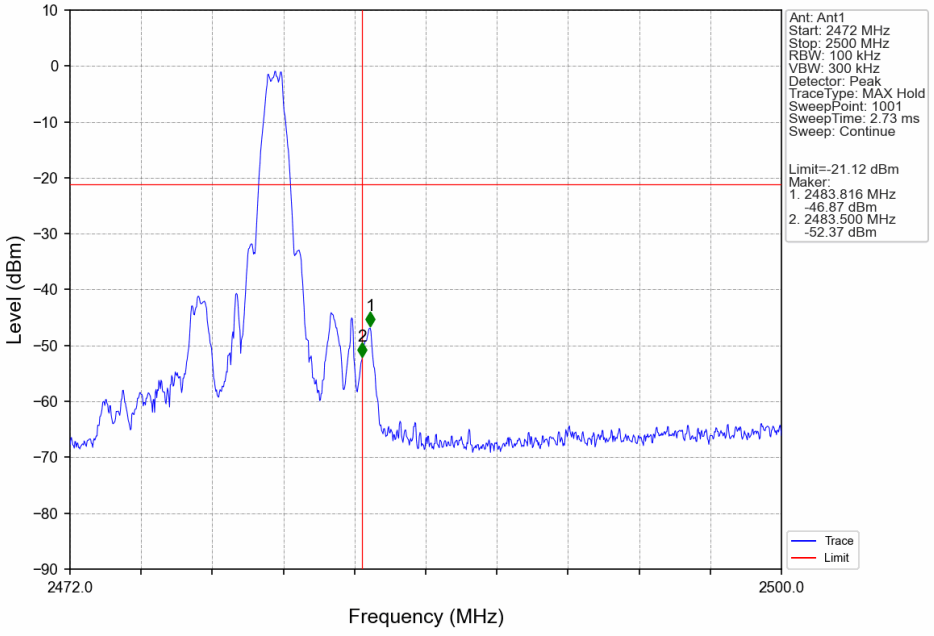

1M_LCH_2402MHz_Ant1_NTNV



1M_MCH_2440MHz_Ant1_NTNV




1M_HCH_2480MHz_Ant1_NTNV



1M_HCH_2480MHz_Ant1_NTNV