

## 1. Duty Cycle

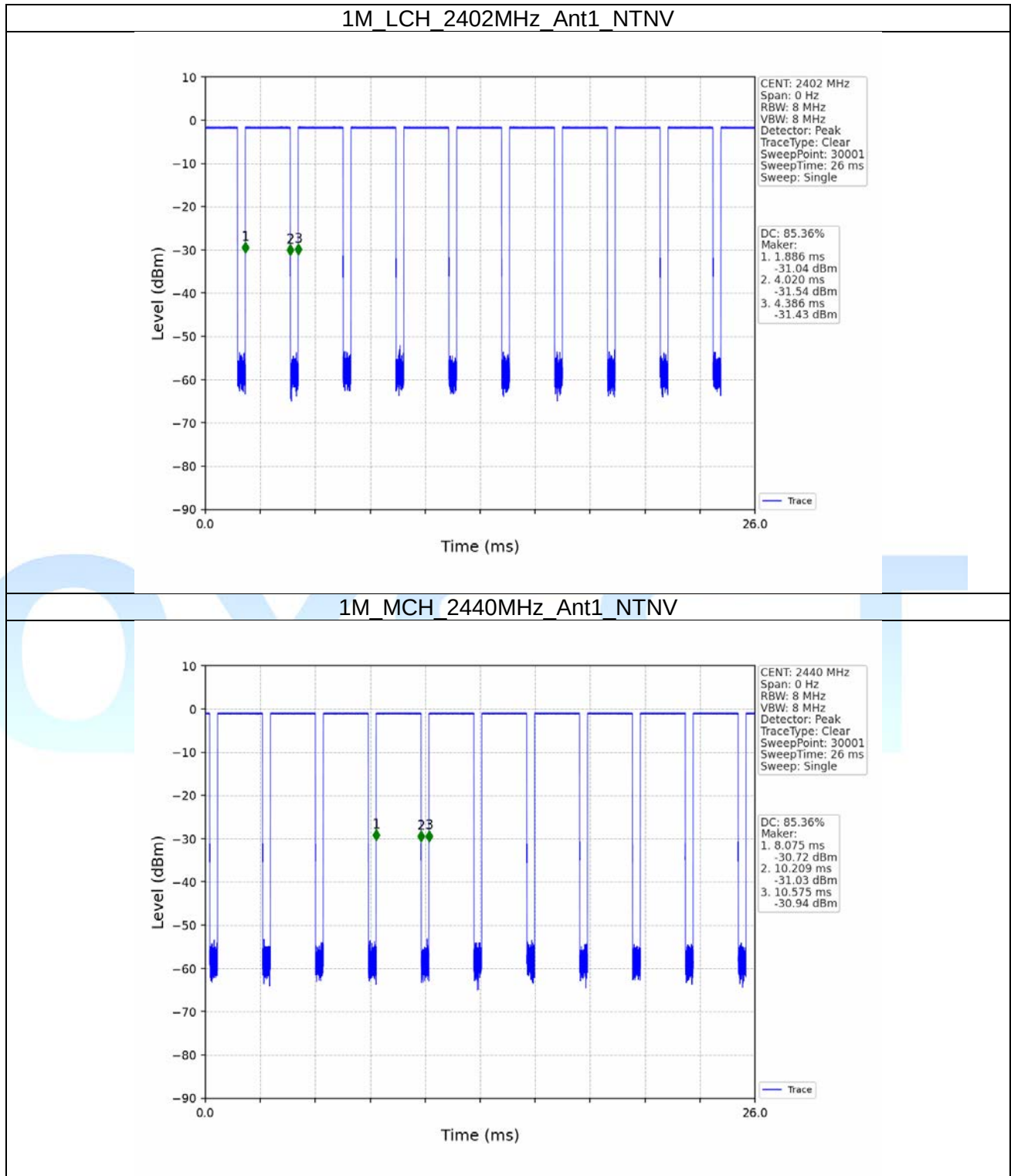
### 1.1 Test Result

#### 1.1.1 Ant1

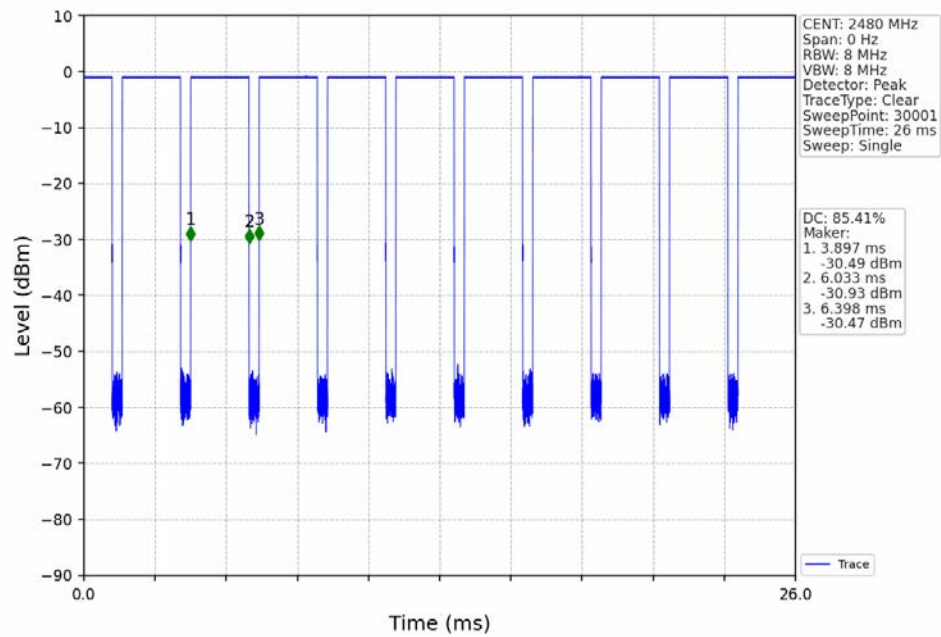
| Ant1 |         |                 |           |             |                |                                   |                       |
|------|---------|-----------------|-----------|-------------|----------------|-----------------------------------|-----------------------|
| Mode | TX Type | Frequency (MHz) | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| 1M   | SISO    | 2402            | 2.134     | 2.500       | 85.36          | 0.69                              | 0.03                  |
|      |         | 2440            | 2.134     | 2.500       | 85.36          | 0.69                              | 0.03                  |
|      |         | 2480            | 2.136     | 2.501       | 85.41          | 0.69                              | 0.03                  |

## 1.2 Test Graph

### 1.2.1 Ant1



## 1M\_HCH\_2480MHz\_Ant1\_NTNV



## 2. Bandwidth

### 2.1 Test Result

#### 2.1.1 OBW

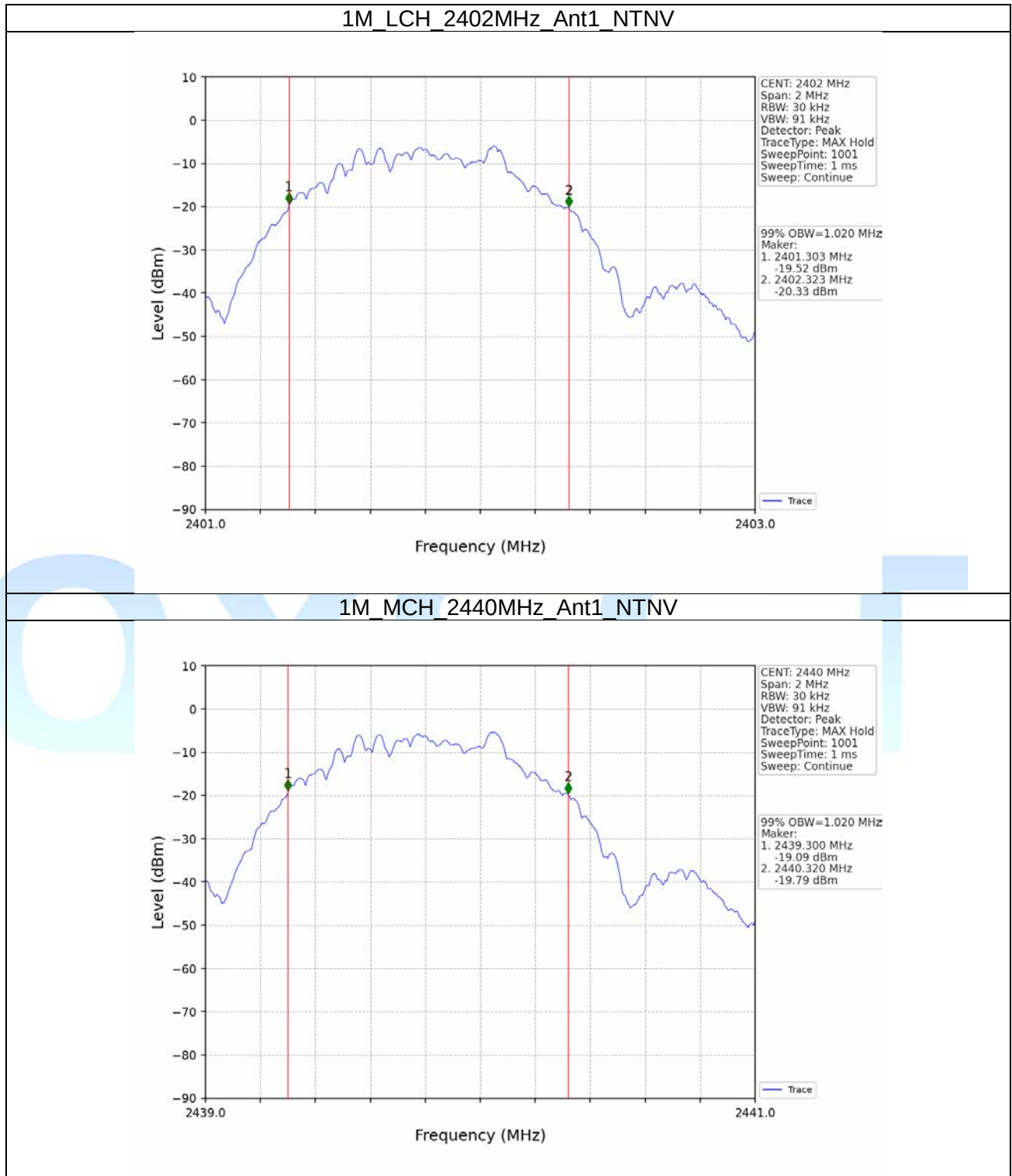
| Mode | TX Type | Frequency (MHz) | ANT | 99% Occupied Bandwidth (MHz) |       | Verdict |
|------|---------|-----------------|-----|------------------------------|-------|---------|
|      |         |                 |     | Result                       | Limit |         |
| 1M   | SISO    | 2402            | 1   | 1.020                        | /     | Pass    |
|      |         | 2440            | 1   | 1.020                        | /     | Pass    |
|      |         | 2480            | 1   | 1.019                        | /     | Pass    |

#### 2.1.2 6dB BW

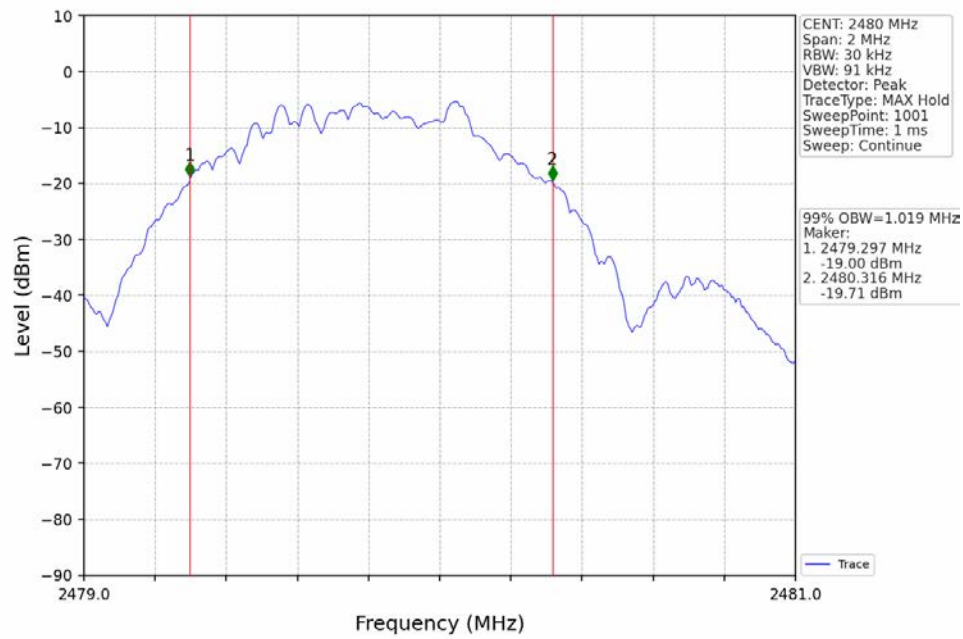
| Mode | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) |            | Verdict |
|------|---------|-----------------|-----|---------------------|------------|---------|
|      |         |                 |     | Result              | Limit      |         |
| 1M   | SISO    | 2402            | 1   | 0.665               | $\geq 0.5$ | Pass    |
|      |         | 2440            | 1   | 0.664               | $\geq 0.5$ | Pass    |
|      |         | 2480            | 1   | 0.676               | $\geq 0.5$ | Pass    |

## 2.2 Test Graph

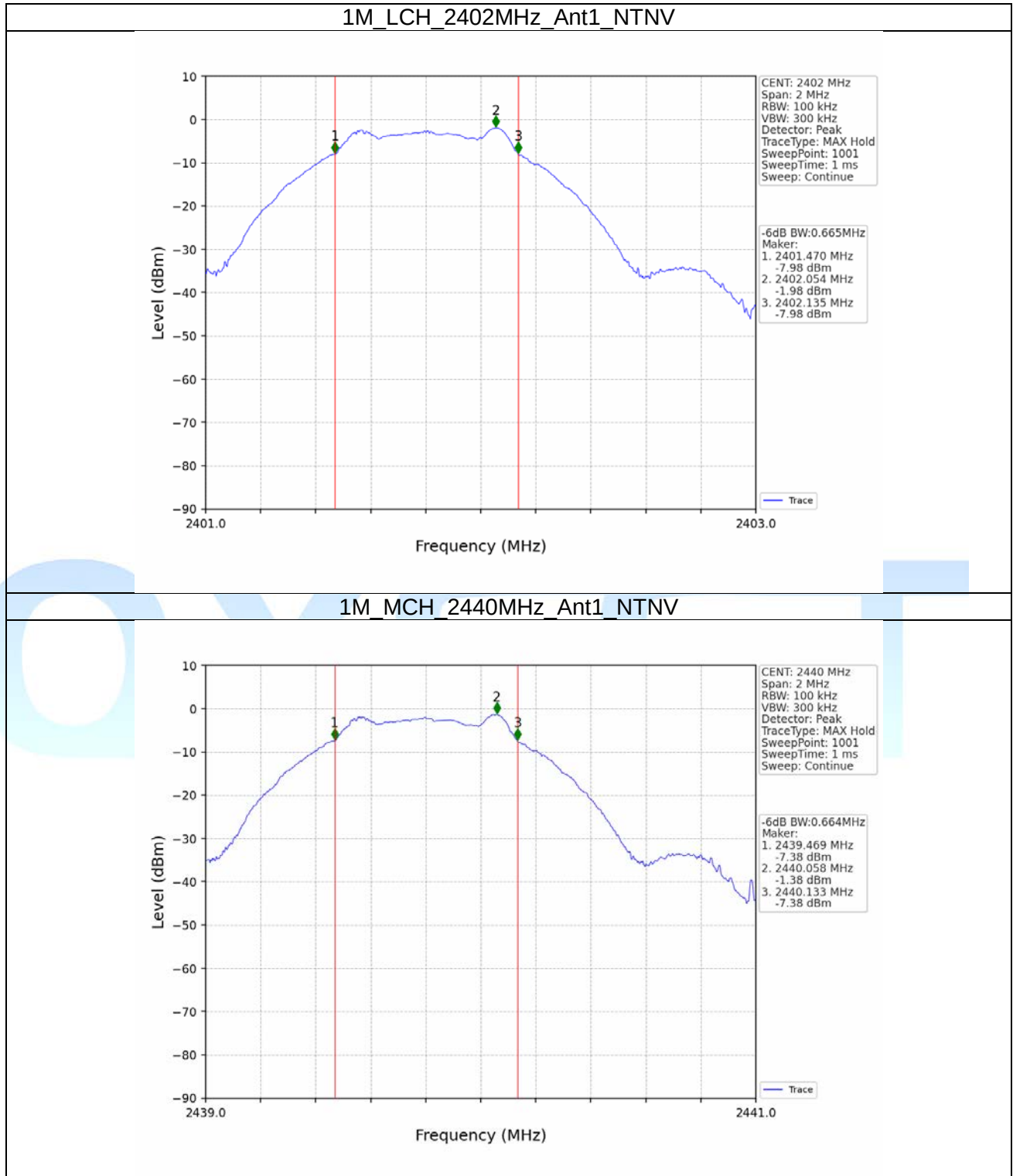
### 2.2.1 OBW

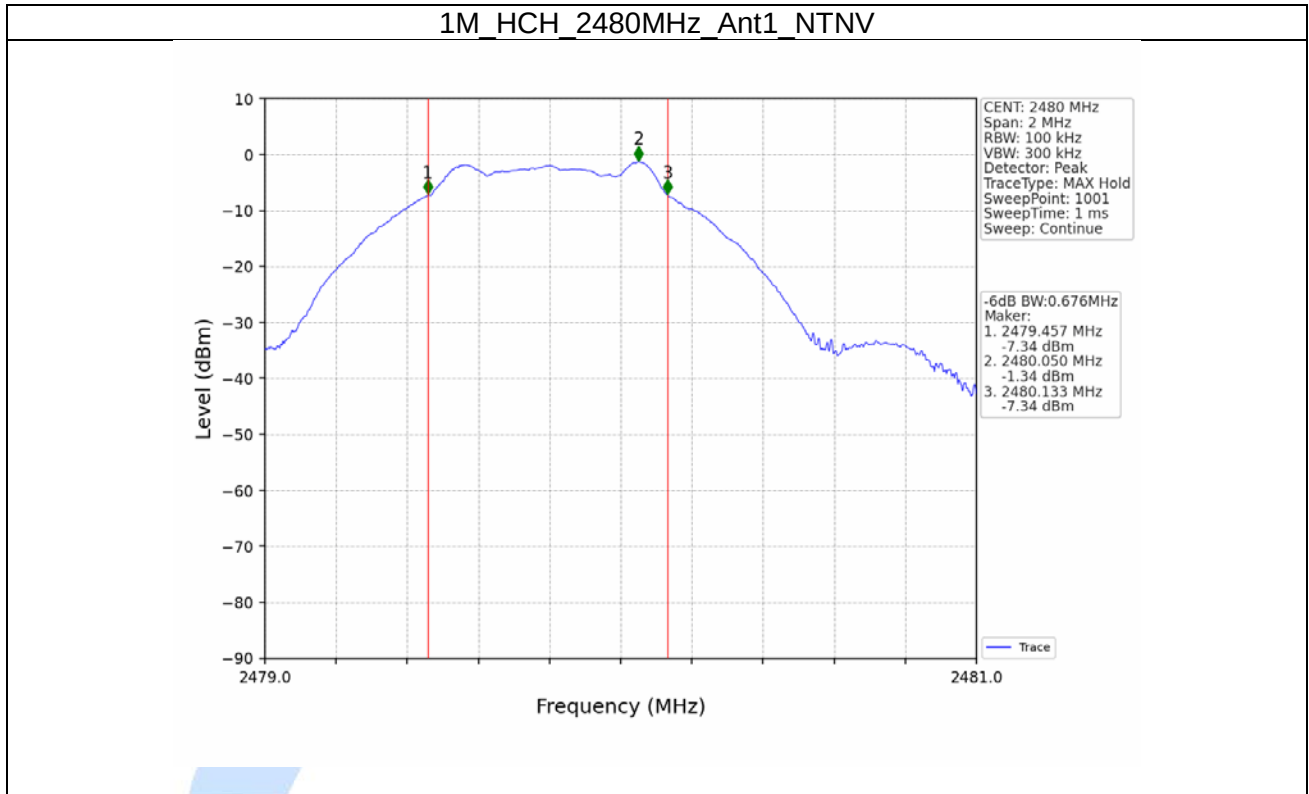


## 1M\_HCH\_2480MHz\_Ant1\_NTNV



## 2.2.2 6dB BW







### 3. Maximum Conducted Output Power

#### 3.1 Test Result

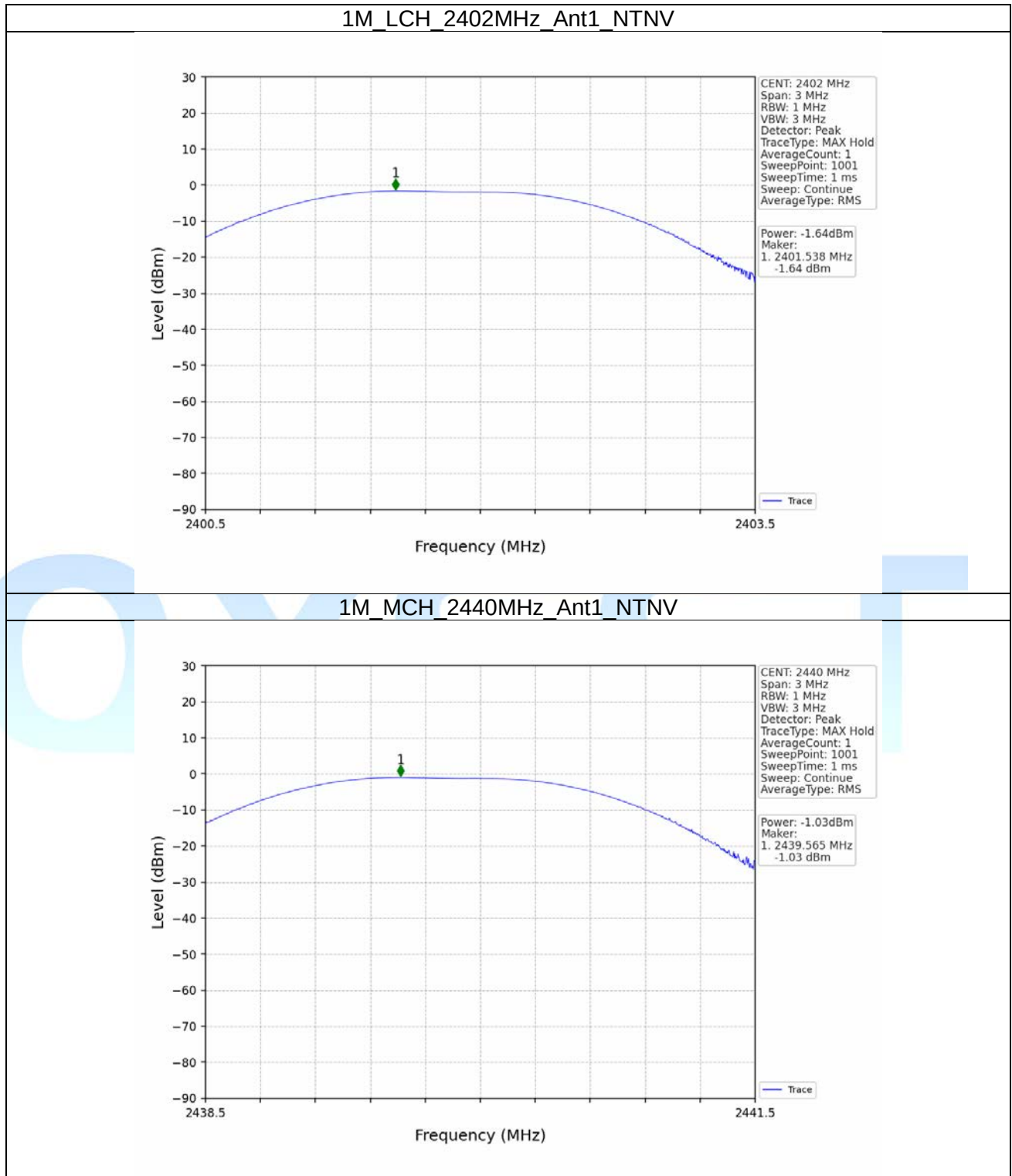
##### 3.1.1 Power

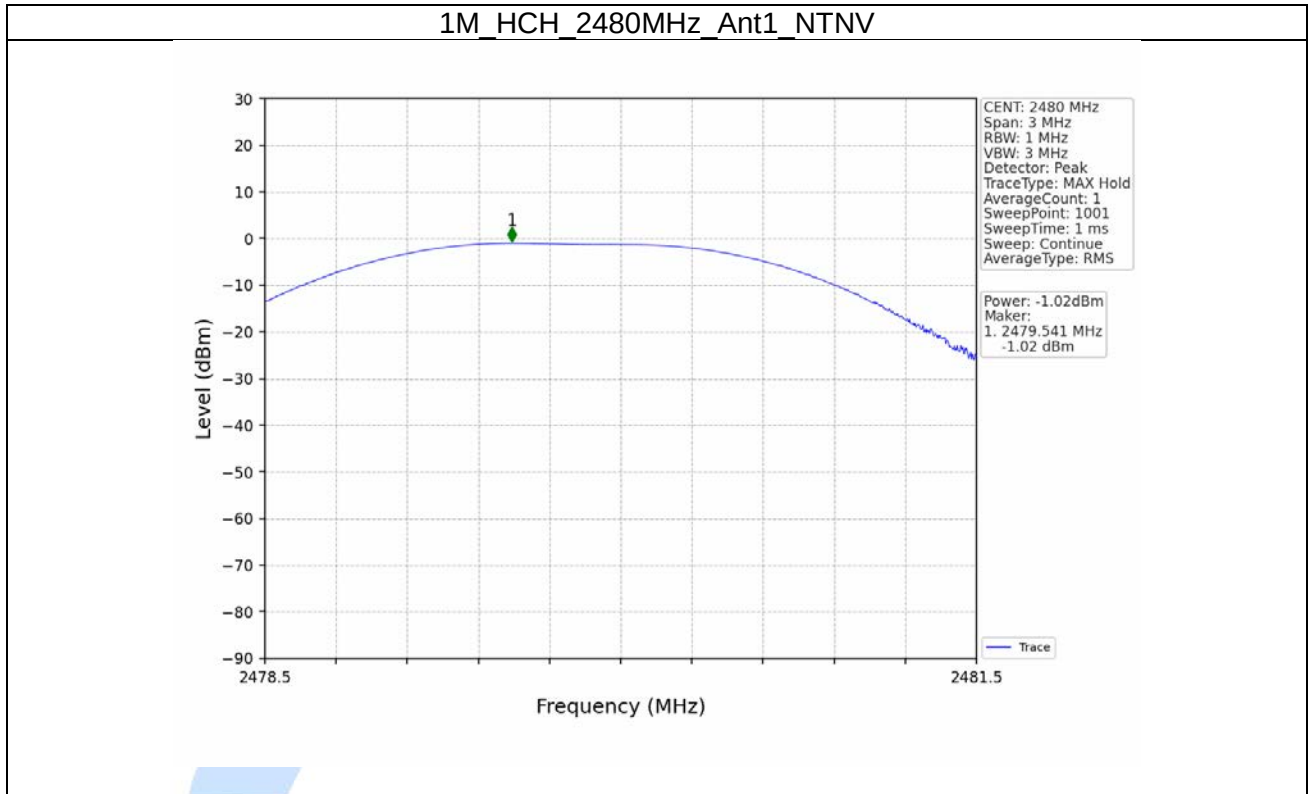
| Mode | TX Type | Frequency (MHz) | Maximum Peak Conducted Output Power (dBm) |           | Verdict |
|------|---------|-----------------|-------------------------------------------|-----------|---------|
|      |         |                 | ANT1                                      | Limit     |         |
| 1M   | SISO    | 2402            | -1.64                                     | $\leq 30$ | Pass    |
|      |         | 2440            | -1.03                                     | $\leq 30$ | Pass    |
|      |         | 2480            | -1.02                                     | $\leq 30$ | Pass    |

Note1: Antenna Gain: Ant1: 0.50dBi;

## 3.2 Test Graph

### 3.2.1 Power





#### 4. Maximum Power Spectral Density

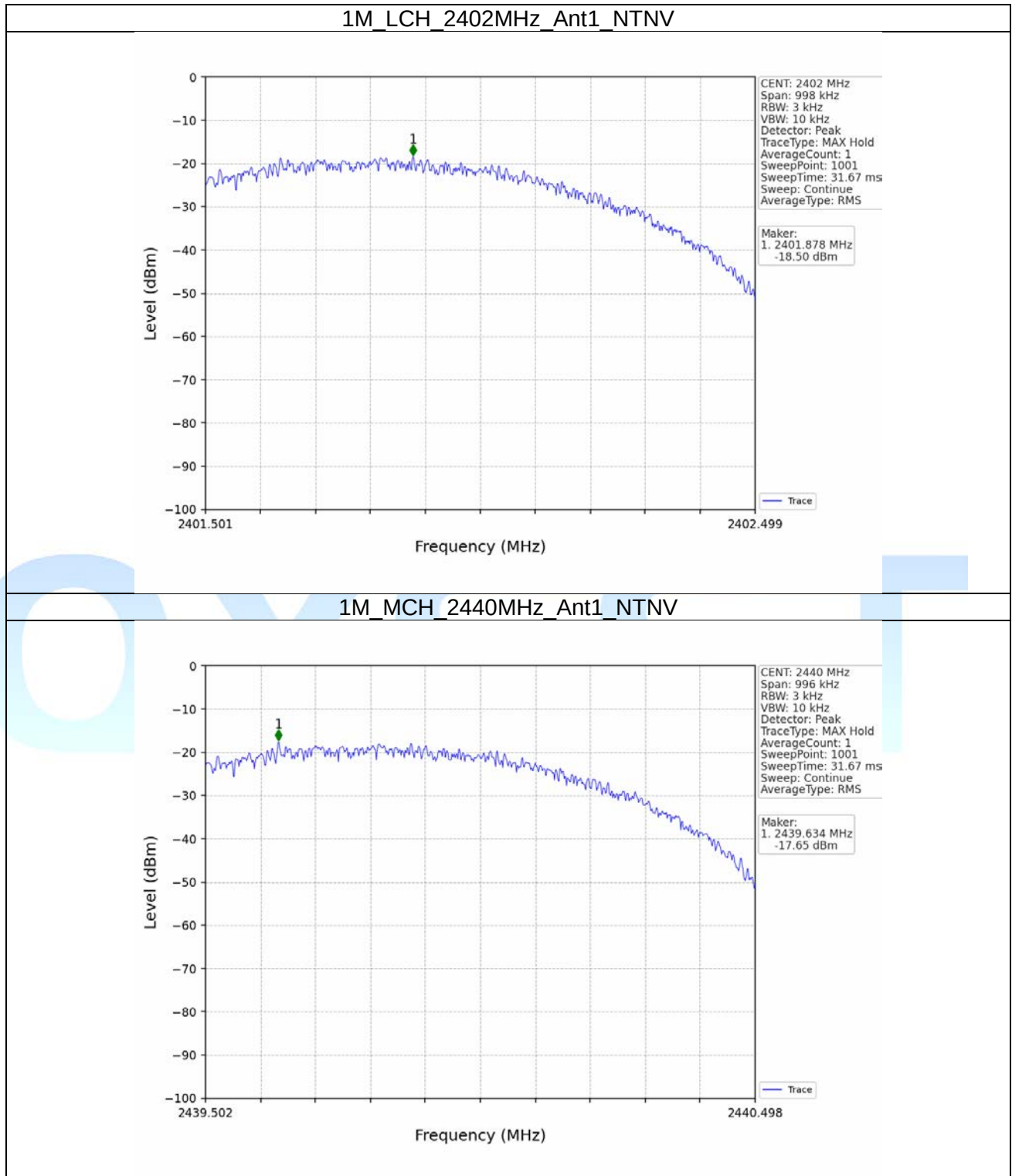
##### 4.1 Test Result

###### 4.1.1 PSD

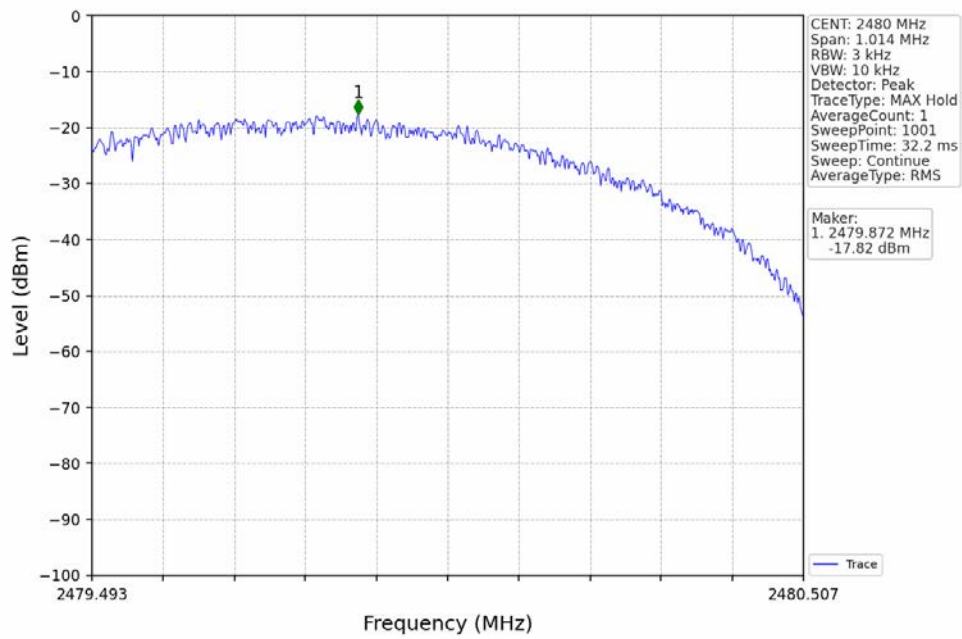
| Mode                                | TX Type | Frequency (MHz) | Maximum PSD (dBm/3kHz) |       | Verdict |
|-------------------------------------|---------|-----------------|------------------------|-------|---------|
|                                     |         |                 | ANT1                   | Limit |         |
| 1M                                  | SISO    | 2402            | -18.50                 | <=8   | Pass    |
|                                     |         | 2440            | -17.65                 | <=8   | Pass    |
|                                     |         | 2480            | -17.82                 | <=8   | Pass    |
| Note1: Antenna Gain: Ant1: 0.50dBi; |         |                 |                        |       |         |

## 4.2 Test Graph

### 4.2.1 PSD



1M\_HCH\_2480MHz\_Ant1\_NTNV



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

### 5.1 Test Result

#### 5.1.1 Ref

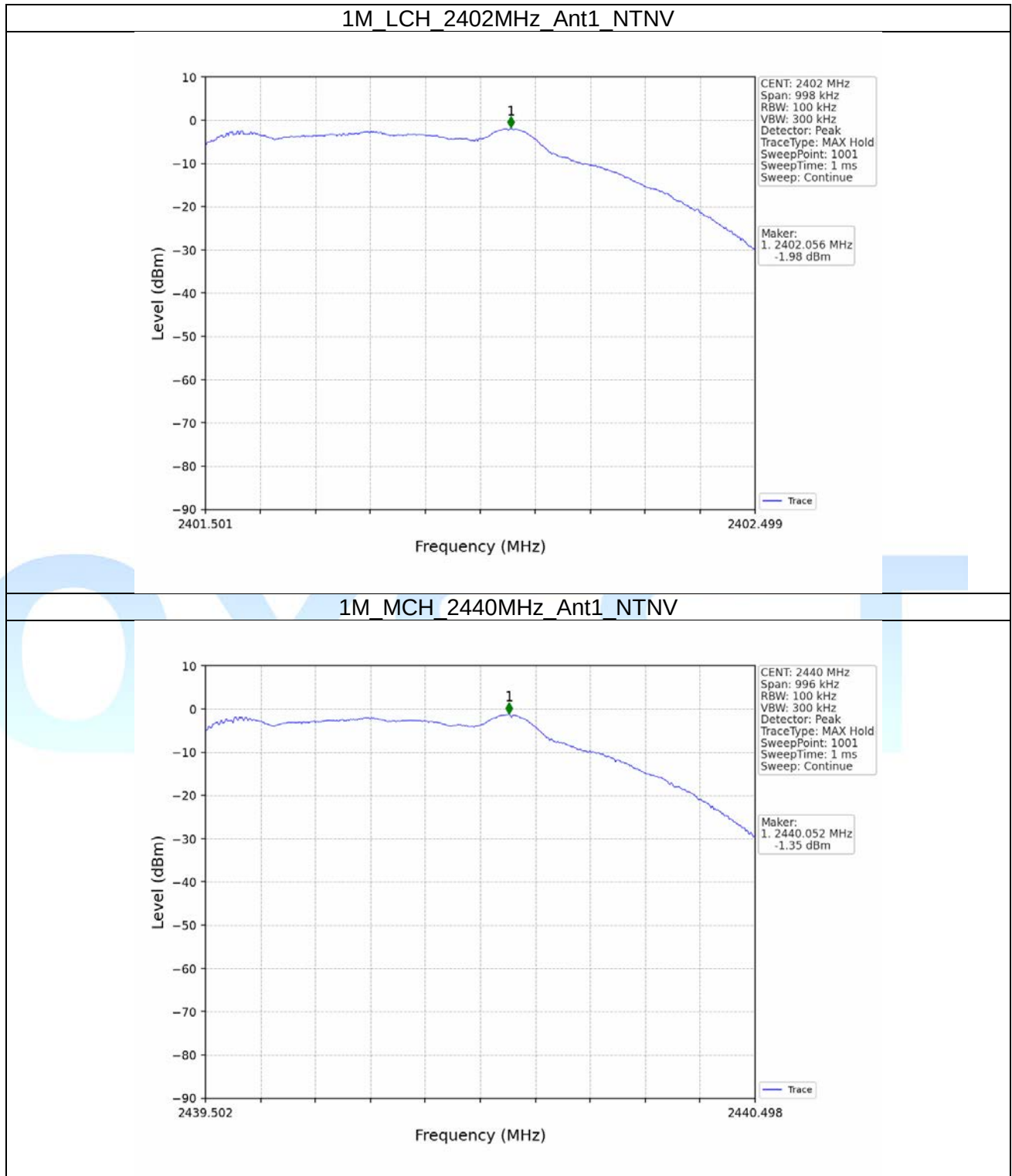
| Mode                                                                                                                                            | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------|-----|--------------------------|
| 1M                                                                                                                                              | SISO    | 2402            | 1   | -1.98                    |
|                                                                                                                                                 |         | 2440            | 1   | -1.35                    |
|                                                                                                                                                 |         | 2480            | 1   | -1.33                    |
| 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. |         |                 |     |                          |

#### 5.1.2 CSE

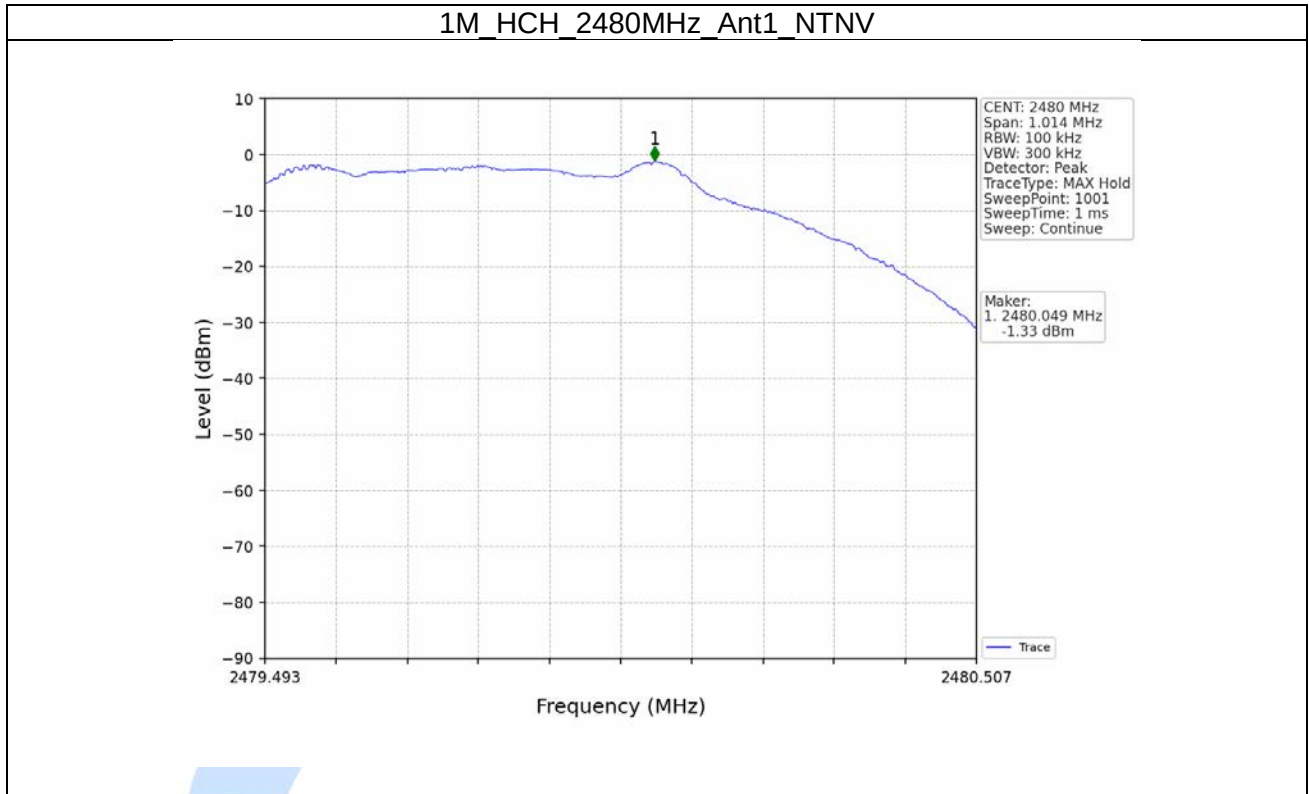
| Mode                                                                                                                                            | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) | Limit (dBm) | Verdict |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------|-----|--------------------------|-------------|---------|
| 1M                                                                                                                                              | SISO    | 2402            | 1   | -1.33                    | -21.33      | Pass    |
|                                                                                                                                                 |         | 2440            | 1   | -1.33                    | -21.33      | Pass    |
|                                                                                                                                                 |         | 2480            | 1   | -1.33                    | -21.33      | 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. |         |                 |     |                          |             |         |

## 5.2 Test Graph

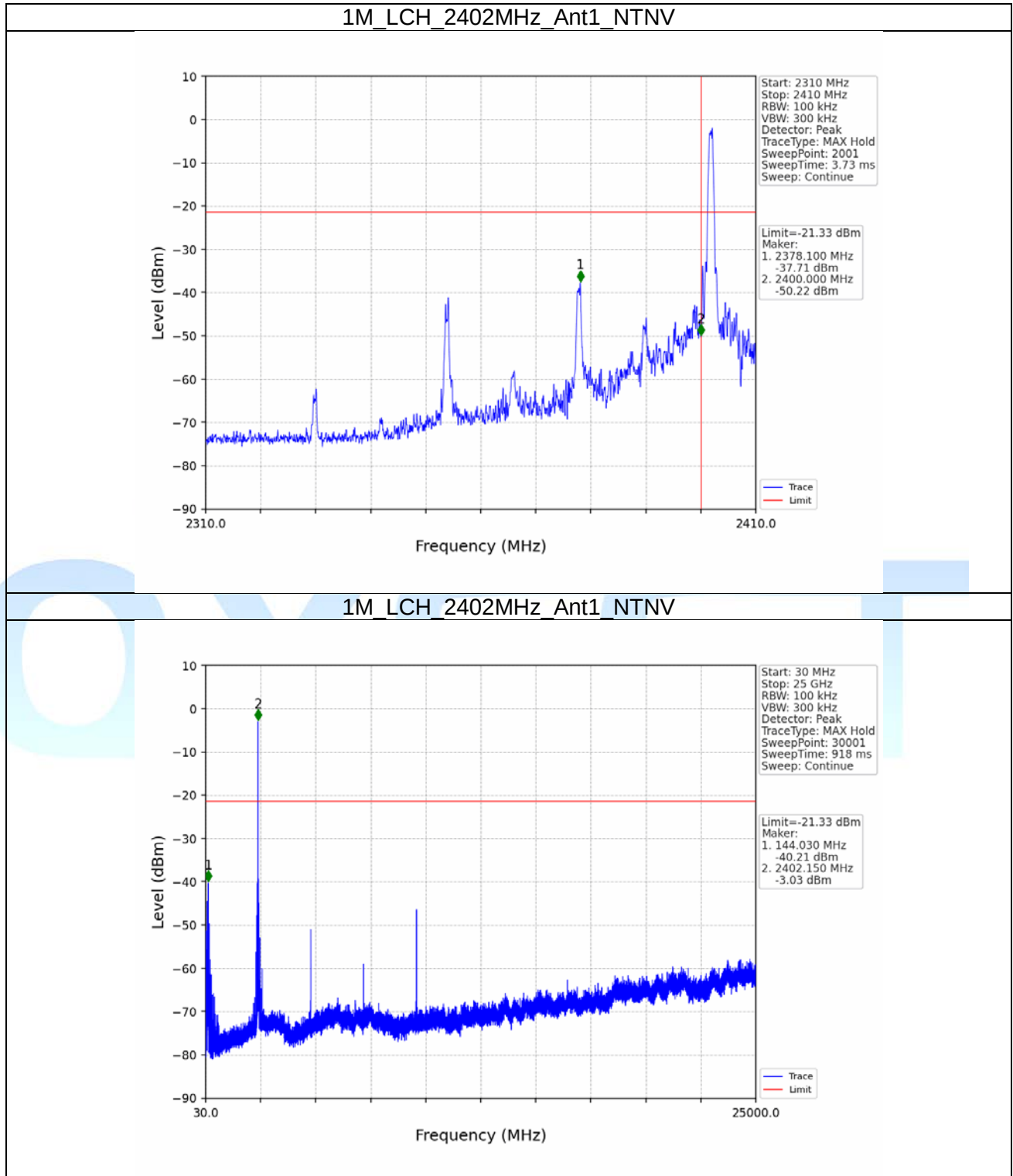
### 5.2.1 Ref



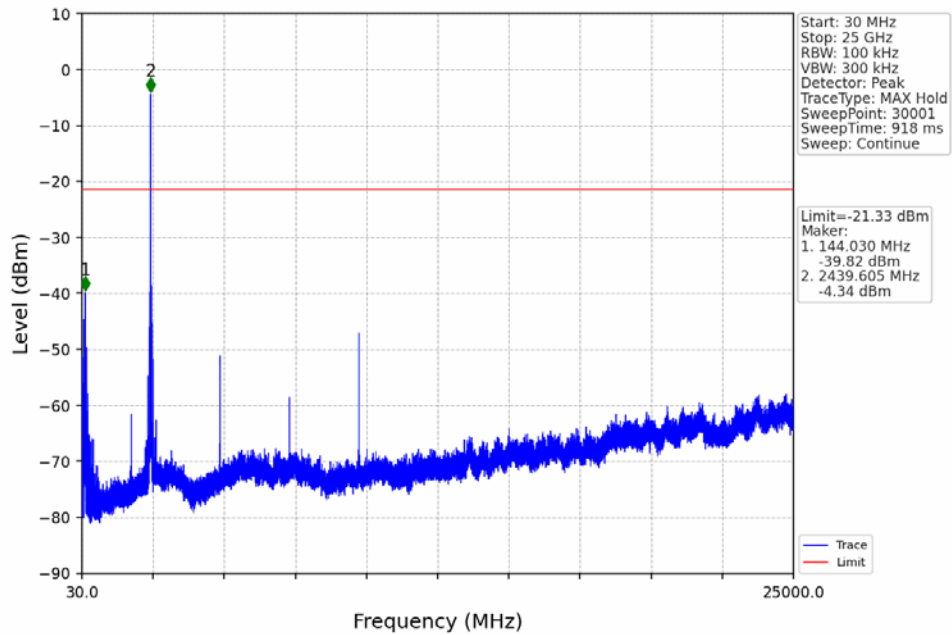




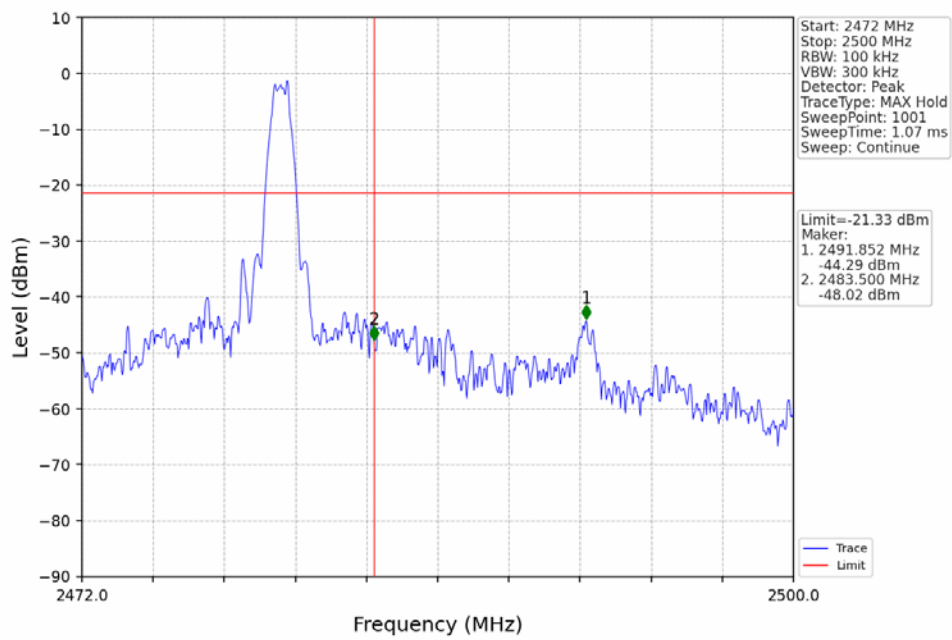
## 5.2.2 CSE



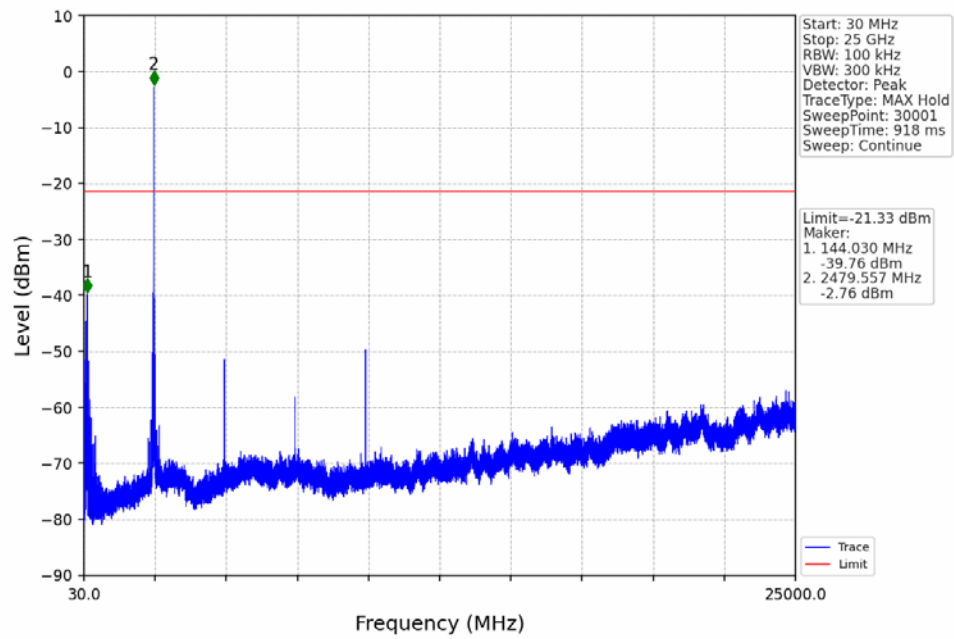
## 1M\_MCH\_2440MHz\_Ant1\_NTNV



## 1M\_HCH\_2480MHz\_Ant1\_NTNV



## 1M\_HCH\_2480MHz\_Ant1\_NTNV



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