

Product Name : Smart Glasses

Mode: WAI3

FCC ID : 2BVNZ-WAI3

1. Duty Cycle

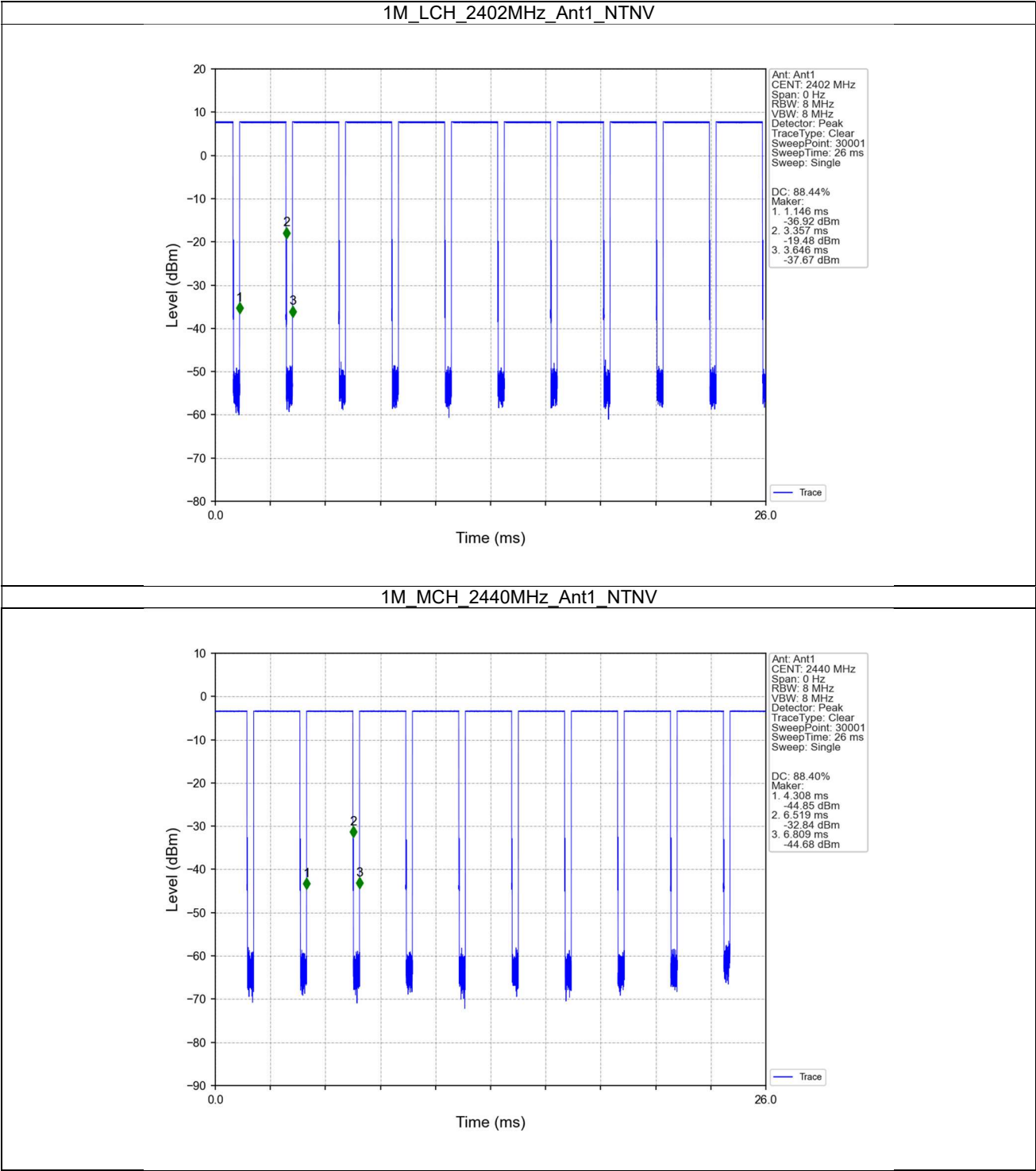
1.1 Test Result

1.1.1 Ant1

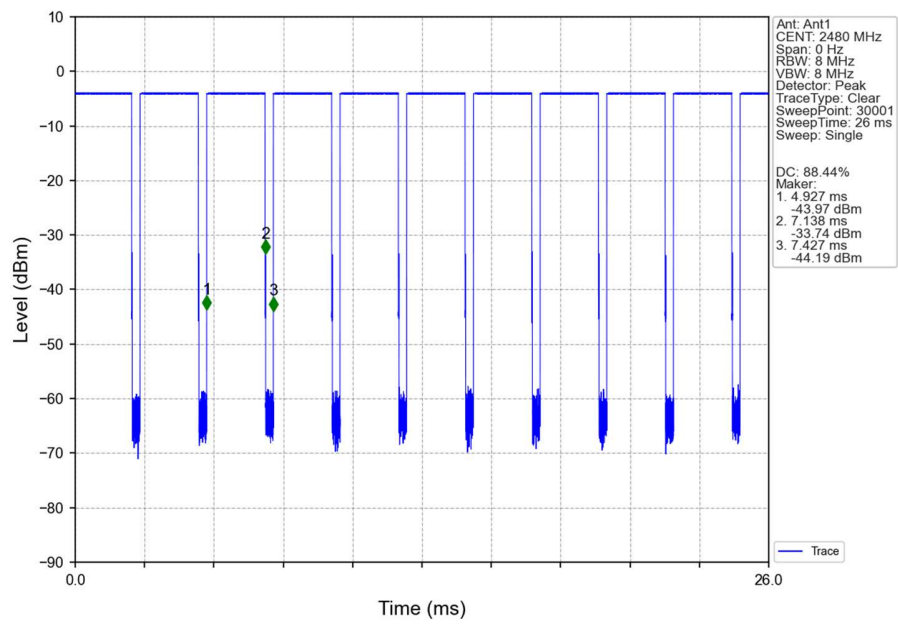
| Ant1 |         |                 |           |             |                |                                   |                       |
|------|---------|-----------------|-----------|-------------|----------------|-----------------------------------|-----------------------|
| Mode | TX Type | Frequency (MHz) | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| 1M   | SISO    | 2402            | 2.211     | 2.500       | 88.44          | 0.53                              | 0.03                  |
|      |         | 2440            | 2.211     | 2.501       | 88.40          | 0.54                              | 0.03                  |
|      |         | 2480            | 2.211     | 2.500       | 88.44          | 0.53                              | 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

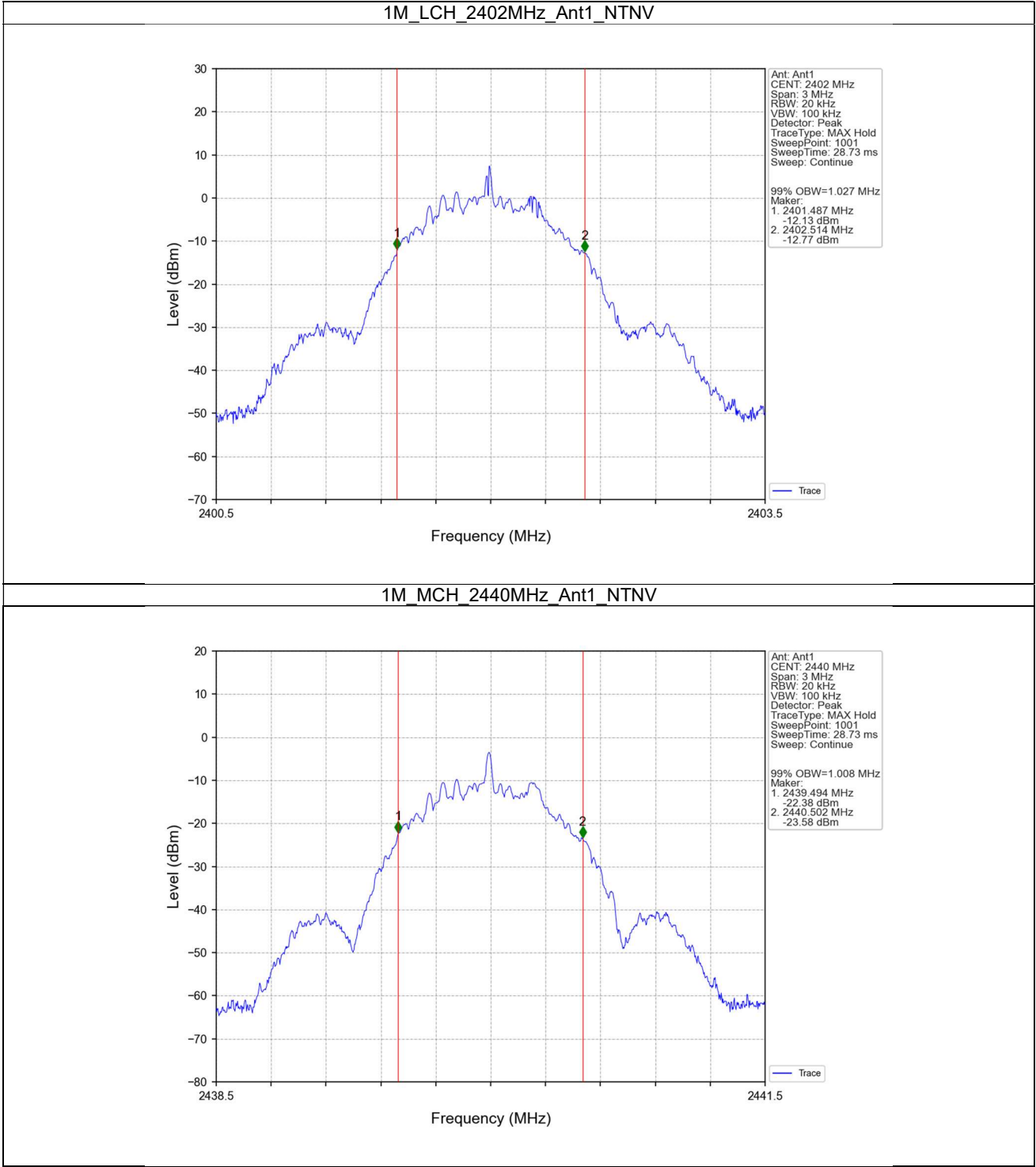
| Mode | TX Type | Frequency (MHz) | ANT | 99% Occupied Bandwidth (MHz) |       | Verdict |
|------|---------|-----------------|-----|------------------------------|-------|---------|
|      |         |                 |     | Result                       | Limit |         |
| 1M   | SISO    | 2402            | 1   | 1.027                        | /     | Pass    |
|      |         | 2440            | 1   | 1.008                        | /     | Pass    |
|      |         | 2480            | 1   | 1.012                        | /     | Pass    |

2.1.2 6dB BW

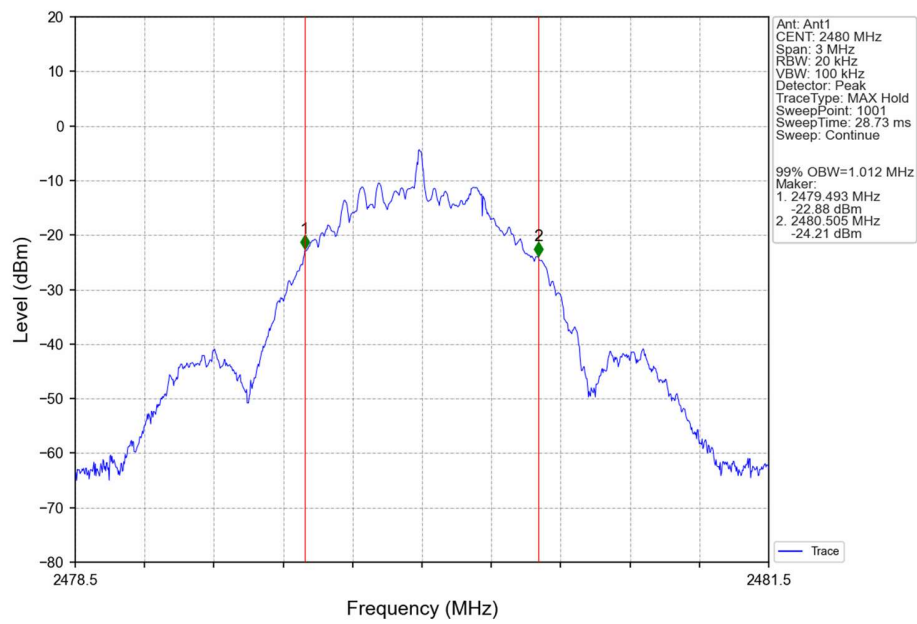
| Mode | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) |       | Verdict |
|------|---------|-----------------|-----|---------------------|-------|---------|
|      |         |                 |     | Result              | Limit |         |
| 1M   | SISO    | 2402            | 1   | 0.661               | >=0.5 | Pass    |
|      |         | 2440            | 1   | 0.664               | >=0.5 | Pass    |
|      |         | 2480            | 1   | 0.660               | >=0.5 | Pass    |

2.2 Test Graph

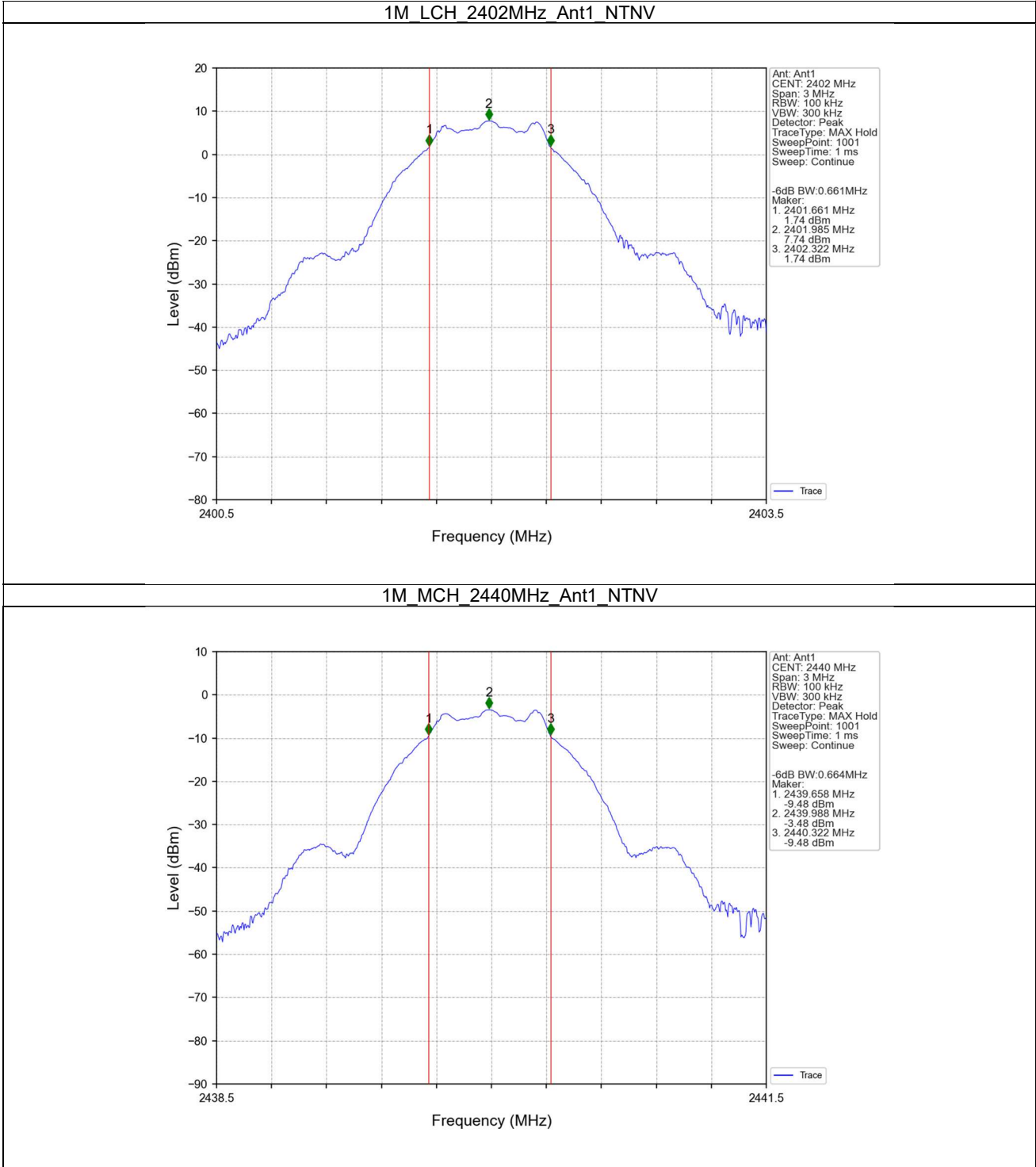
2.2.1 OBW



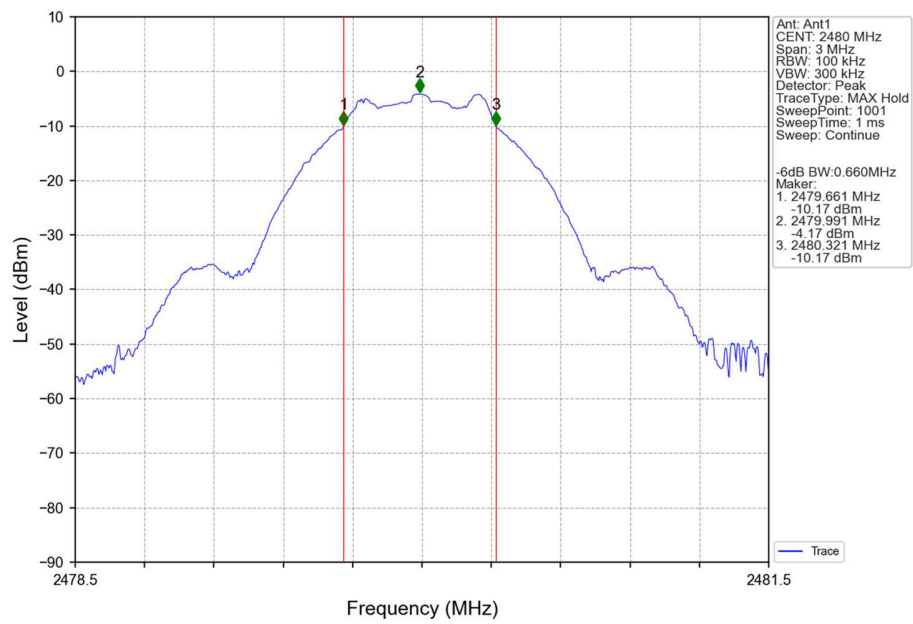
# 1M HCH 2480MHz Ant1 NTN



2.2.2 6dB BW



# 1M HCH 2480MHz Ant1 NTN



3. Maximum Conducted Output Power

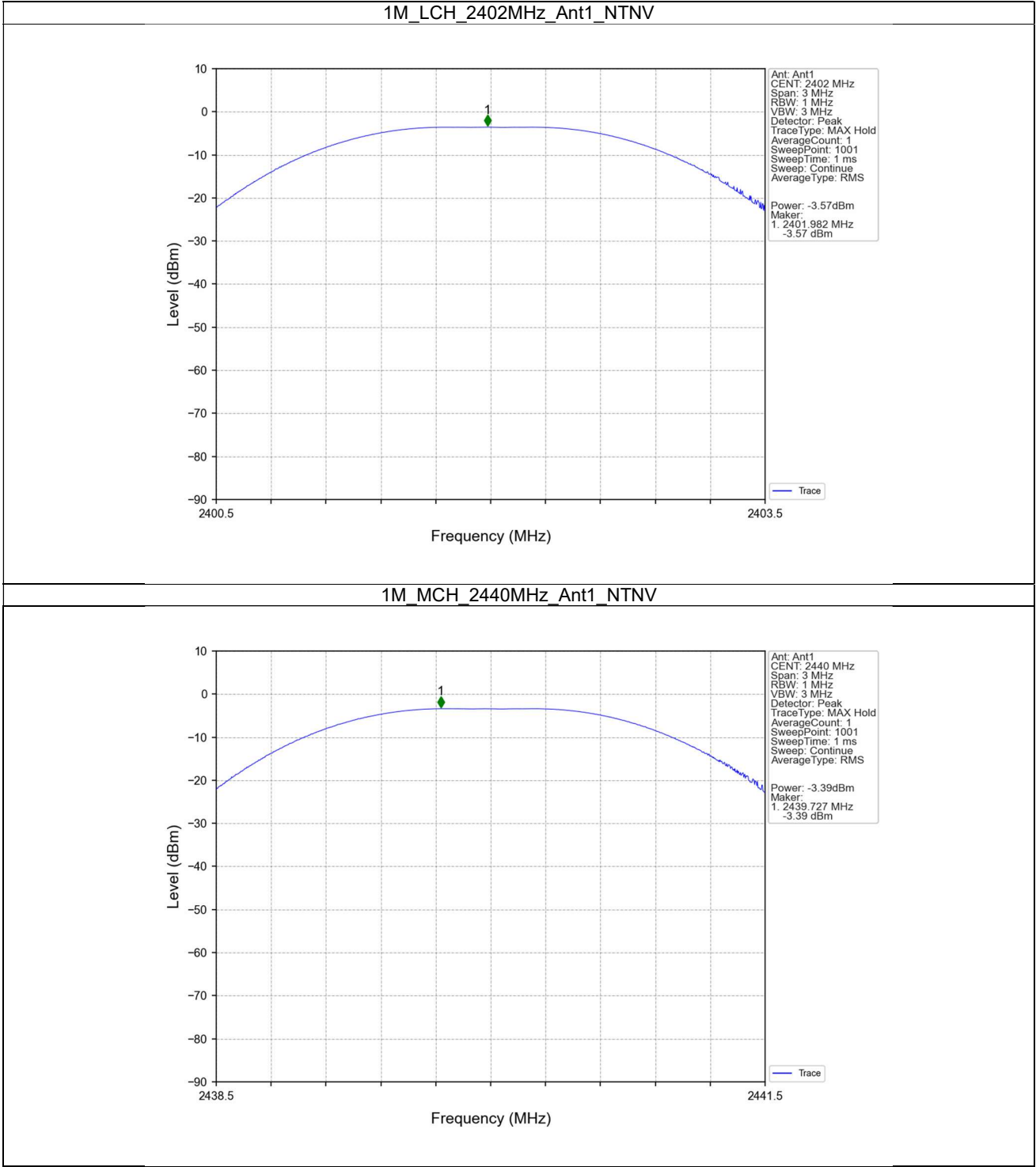
3.1 Test Result

3.1.1 Power

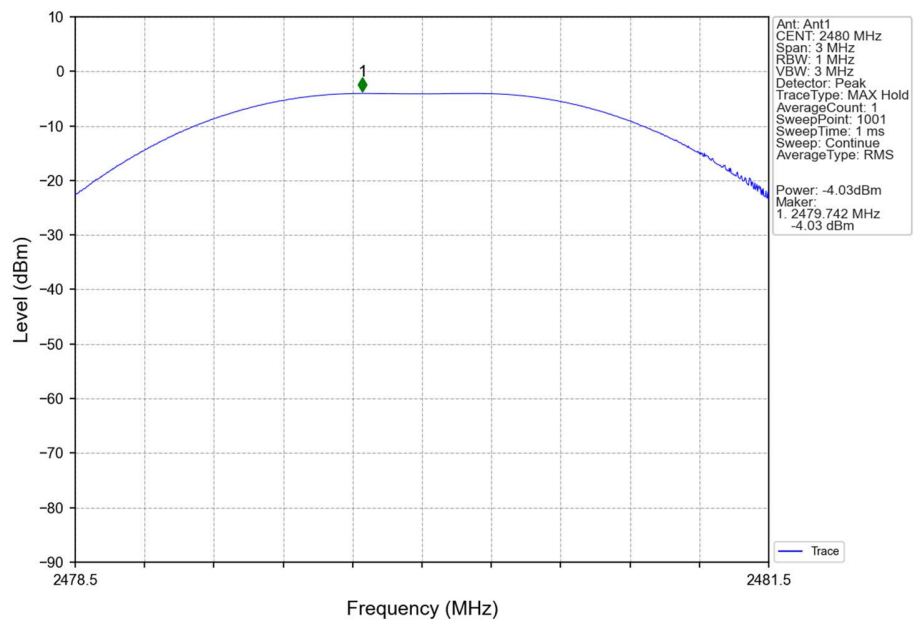
| Mode                                | TX Type | Frequency (MHz) | Maximum Peak Conducted Output Power (dBm) |       | Verdict |
|-------------------------------------|---------|-----------------|-------------------------------------------|-------|---------|
|                                     |         |                 | ANT1                                      | Limit |         |
| 1M                                  | SISO    | 2402            | -3.57                                     | <=30  | Pass    |
|                                     |         | 2440            | -3.39                                     | <=30  | Pass    |
|                                     |         | 2480            | -4.03                                     | <=30  | Pass    |
| Note1: Antenna Gain: Ant1: 2.49dBi; |         |                 |                                           |       |         |

3.2 Test Graph

3.2.1 Power



1M\_HCH\_2480MHz\_Ant1\_NTNV



## 4. Maximum Power Spectral Density

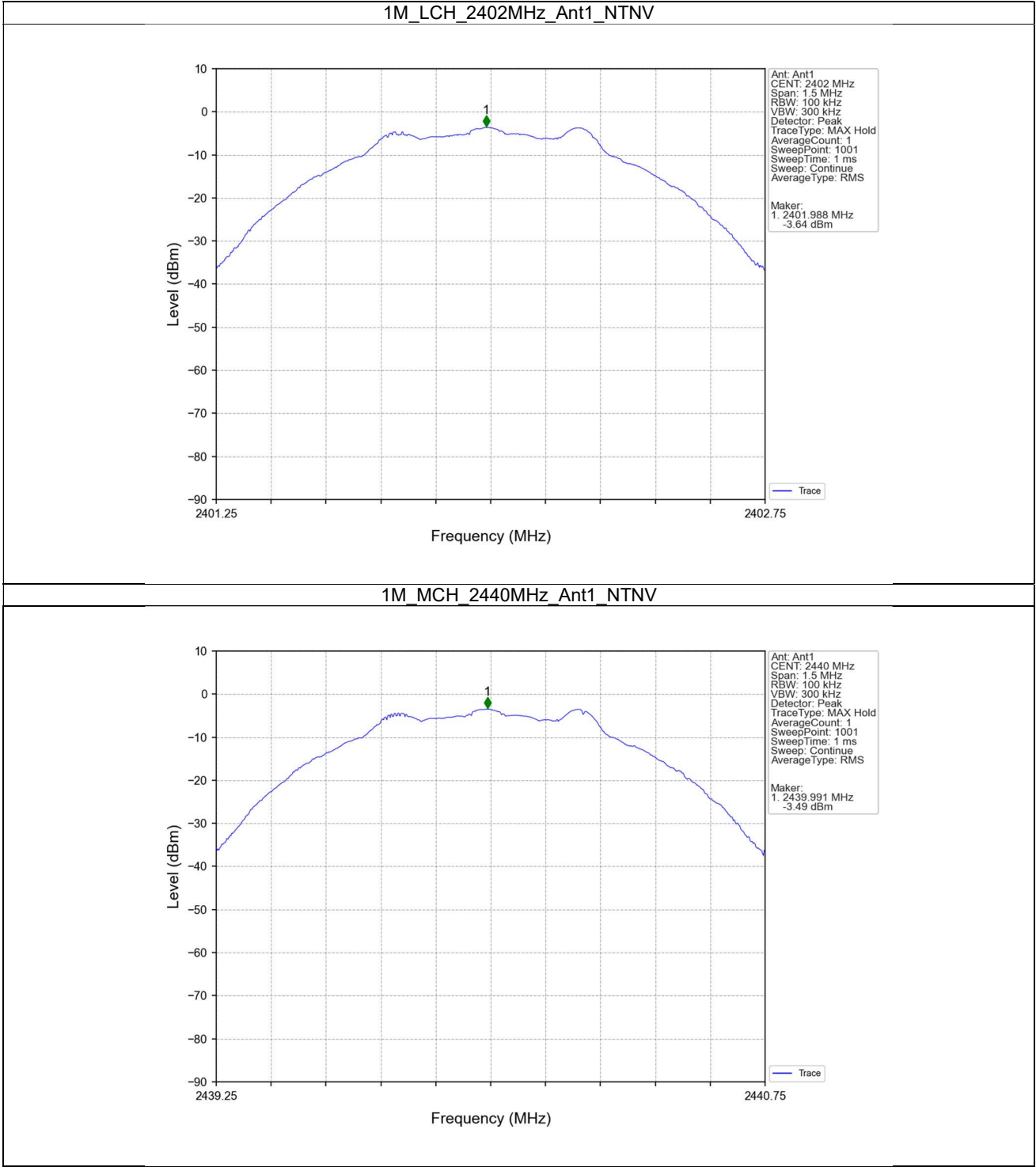
### 4.1 Test Result

#### 4.1.1 PSD

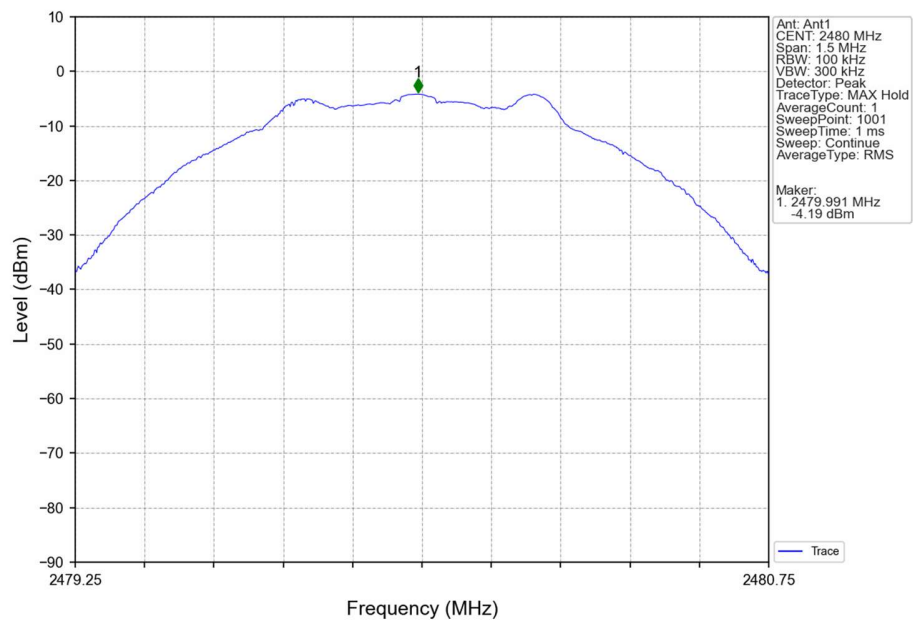
| Mode                                | TX Type | Frequency (MHz) | Maximum PSD       |                  | Verdict |
|-------------------------------------|---------|-----------------|-------------------|------------------|---------|
|                                     |         |                 | ANT1 (dBm/100KHz) | Limit (dBm/3KHz) |         |
| 1M                                  | SISO    | 2402            | -3.64             | <=8              | Pass    |
|                                     |         | 2440            | -3.49             | <=8              | Pass    |
|                                     |         | 2480            | -4.19             | <=8              | Pass    |
| Note1: Antenna Gain: Ant1: 2.49dBi; |         |                 |                   |                  |         |

4.2 Test Graph

4.2.1 PSD



1M HCH 2480MHz Ant1 NTN



5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Test Result

5.1.1 Ref

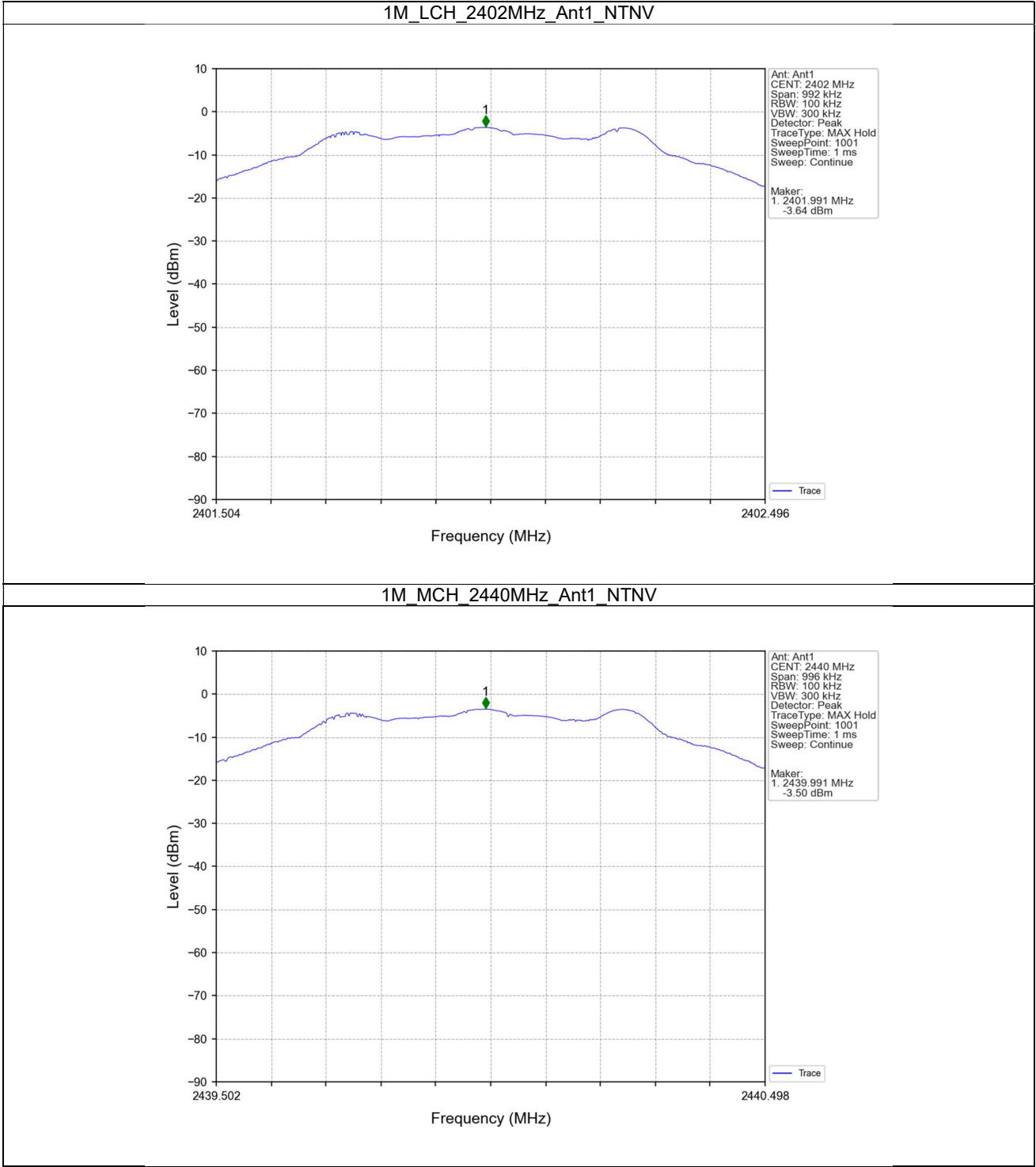
| Mode | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) |
|------|---------|-----------------|-----|--------------------------|
| 1M   | SISO    | 2402            | 1   | -3.64                    |
|      |         | 2440            | 1   | -3.50                    |
|      |         | 2480            | 1   | -4.19                    |

5.1.2 CSE

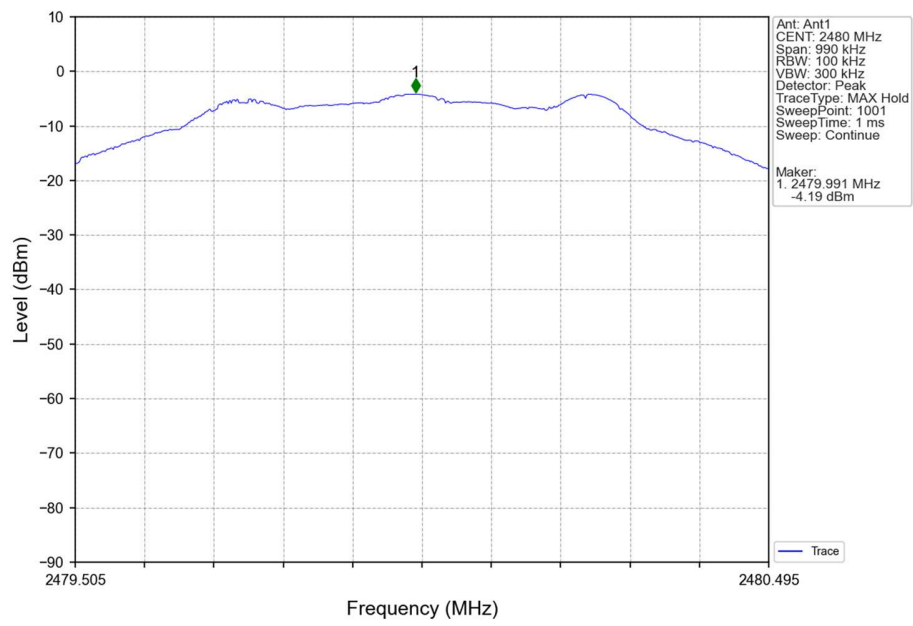
| Mode | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) | Limit (dBm) | Verdict |
|------|---------|-----------------|-----|--------------------------|-------------|---------|
| 1M   | SISO    | 2402            | 1   | -3.64                    | -23.64      | Pass    |
|      |         | 2440            | 1   | -3.50                    | -23.50      | Pass    |
|      |         | 2480            | 1   | -4.19                    | -24.19      | Pass    |

5.2 Test Graph

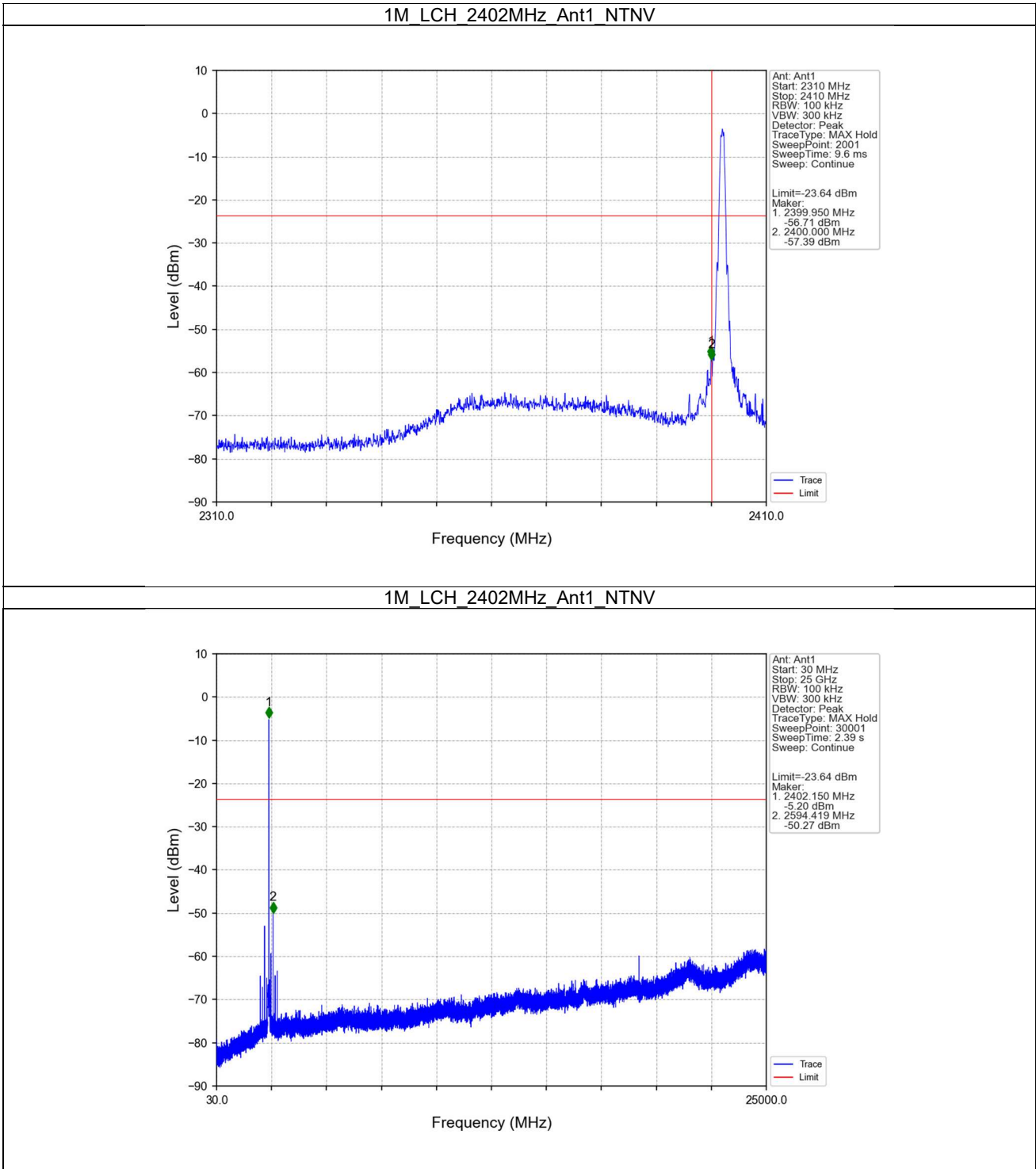
5.2.1 Ref



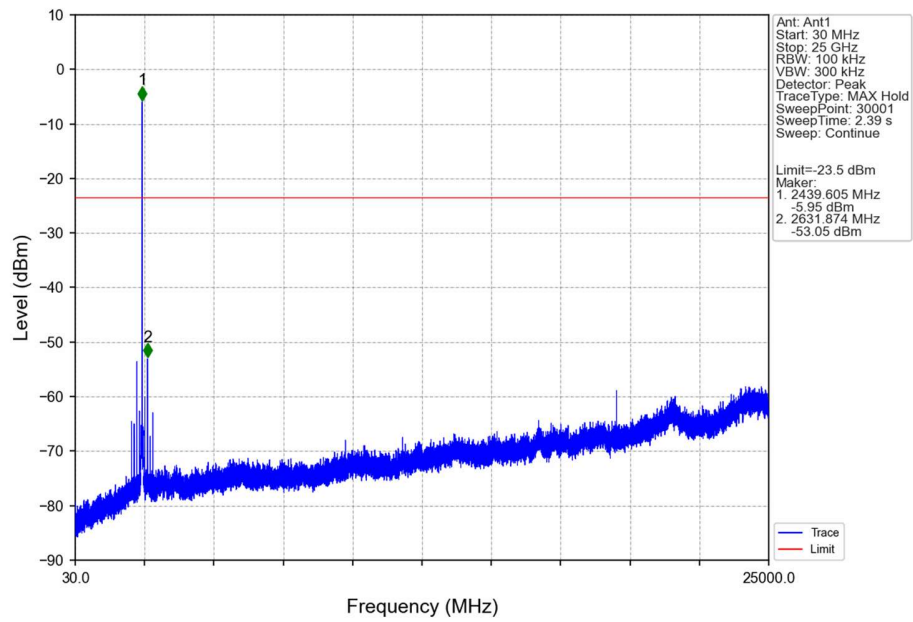
# 1M HCH 2480MHz Ant1 NTN



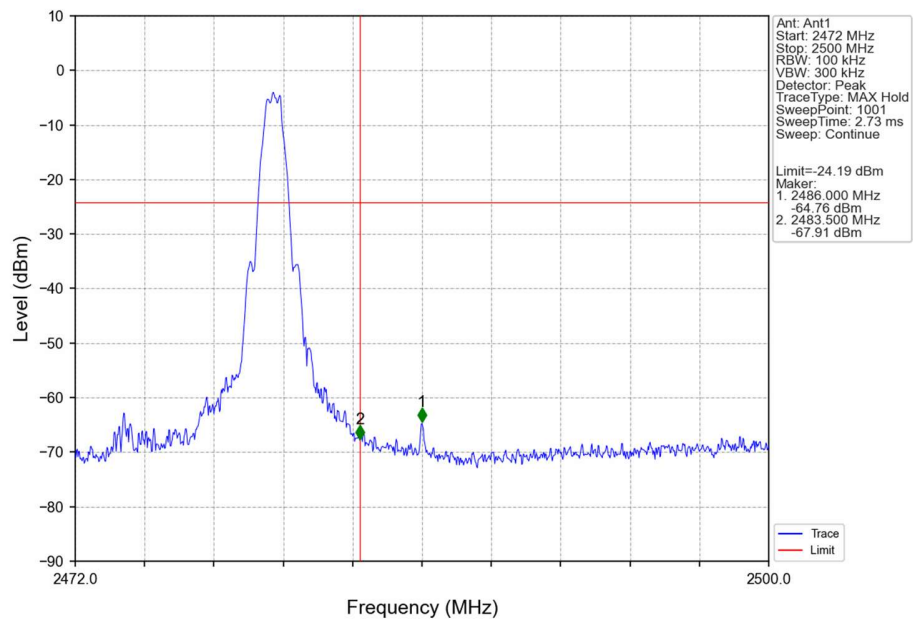
5.2.2 CSE



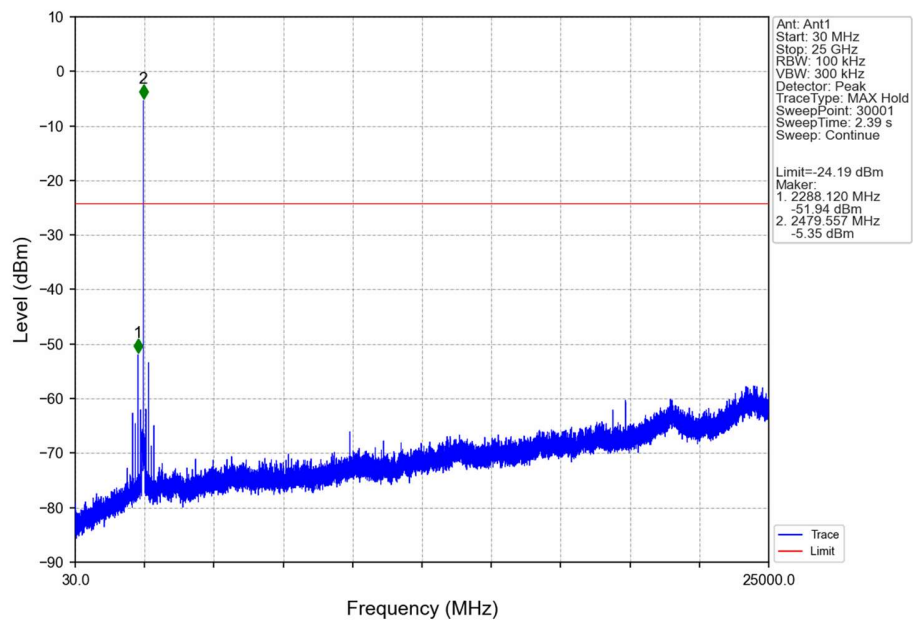
# 1M MCH 2440MHz Ant1 NTN



# 1M HCH 2480MHz Ant1 NTN



# 1M\_HCH\_2480MHz\_Ant1\_NTNV



6. Form731

6.1 Test Result

6.1.1 Form731

| Lower Freq (MHz) | High Freq (MHz) | MAX Power (W) | MAX Power (dBm) |
|------------------|-----------------|---------------|-----------------|
| 2402             | 2480            | 0.0005        | -3.39           |