



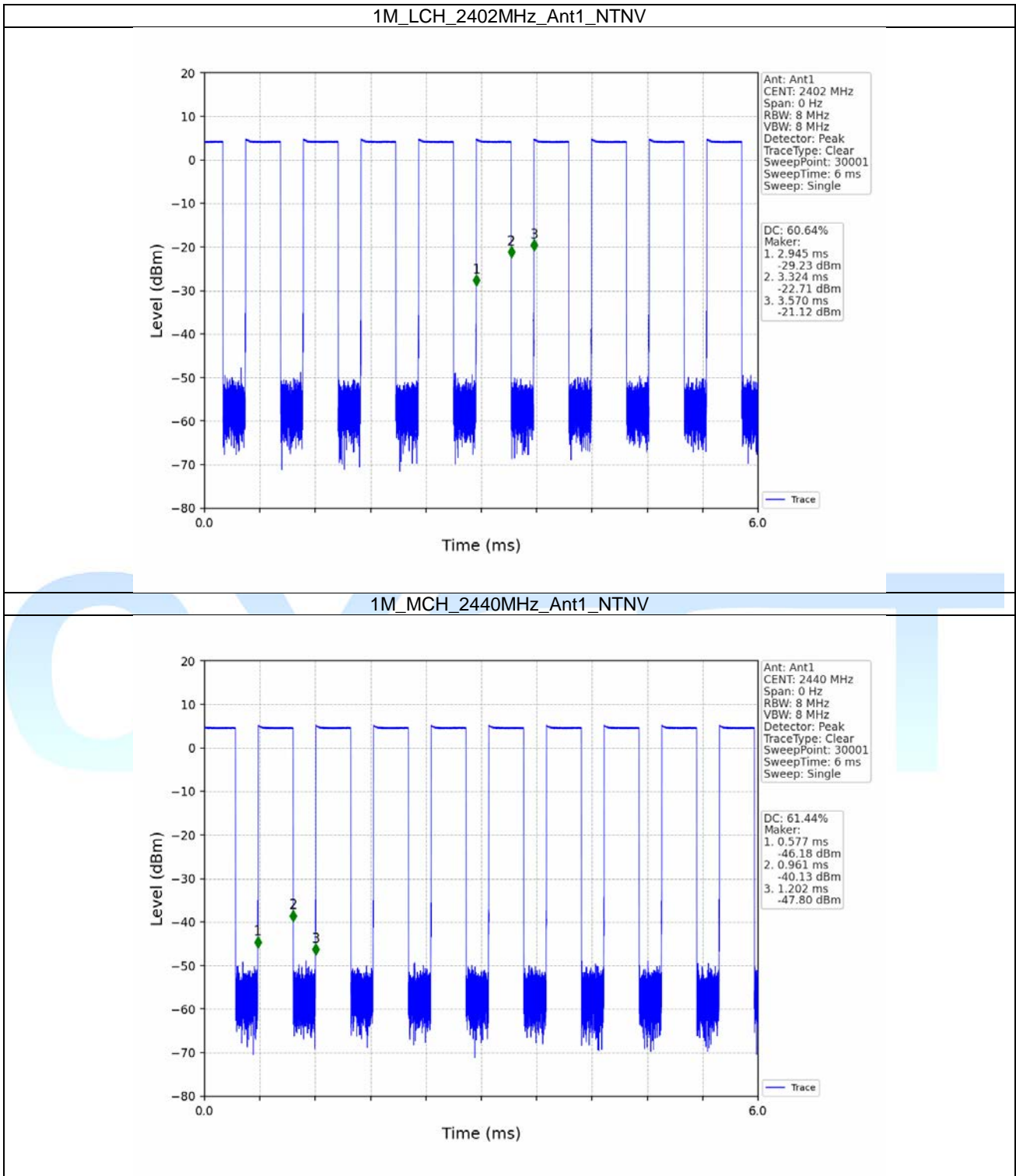
1. Duty Cycle

1.1 Ant1

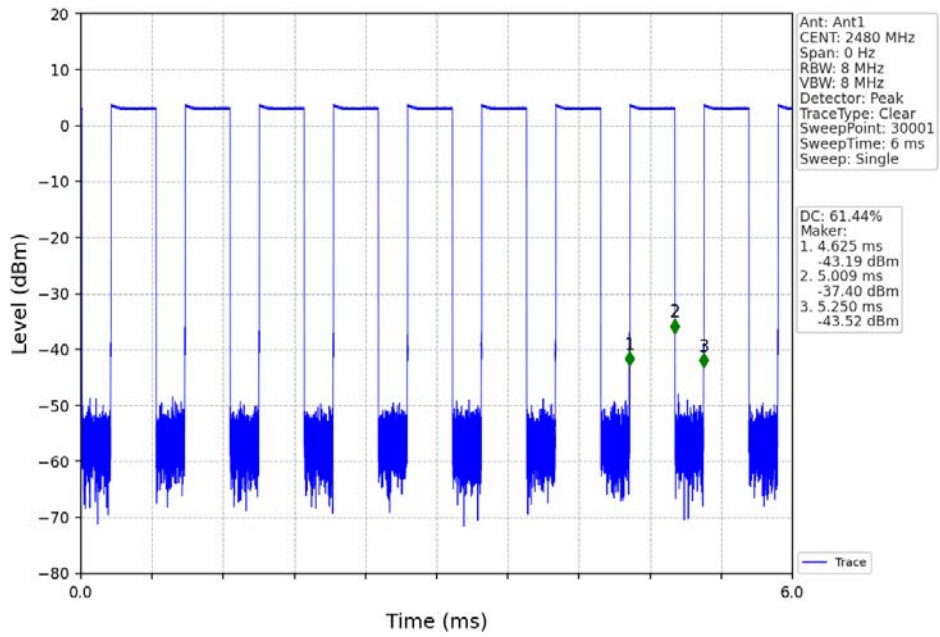
1.1.1 Test Result

| Ant1 | | | | | | | |
|------|---------|-----------------|-----------|-------------|----------------|-----------------------------------|-----------------------|
| Mode | TX Type | Frequency (MHz) | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| 1M | SISO | 2402 | 0.379 | 0.625 | 60.64 | 2.17 | 0.05 |
| | | 2440 | 0.384 | 0.625 | 61.44 | 2.12 | 0.01 |
| | | 2480 | 0.384 | 0.625 | 61.44 | 2.12 | 0.05 |
| 2M | SISO | 2402 | 0.200 | 0.625 | 32.00 | 4.95 | 0.09 |
| | | 2440 | 0.200 | 0.625 | 32.00 | 4.95 | 0.08 |
| | | 2480 | 0.200 | 0.625 | 32.00 | 4.95 | 0.09 |

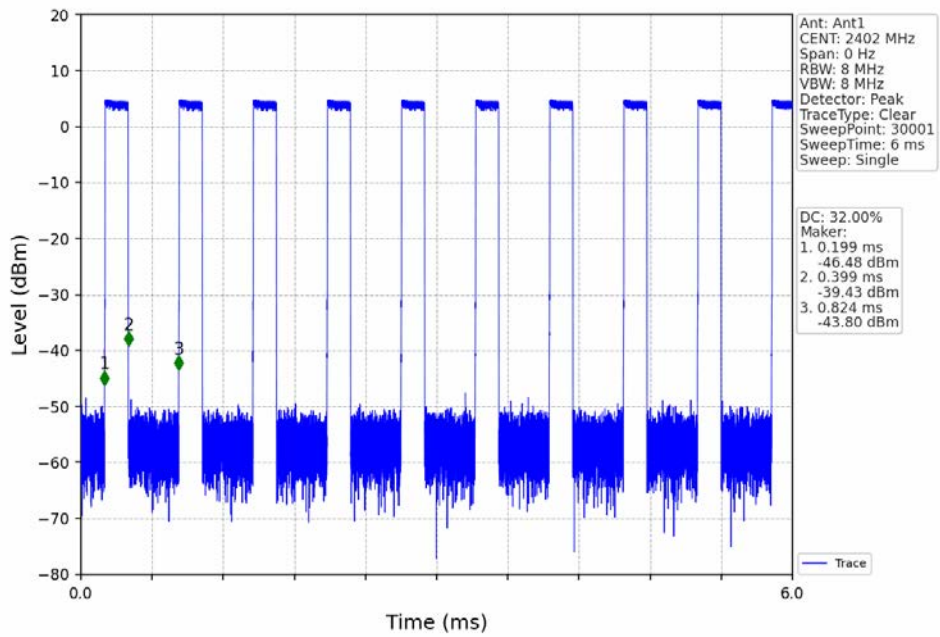
1.1.2 Test Graph



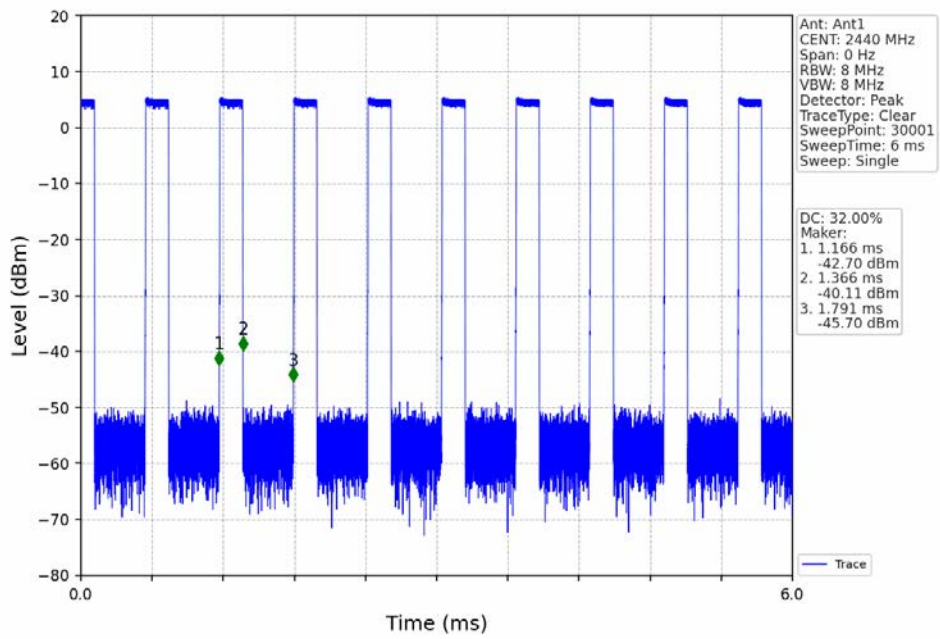
1M_HCH_2480MHz_Ant1_NTNV



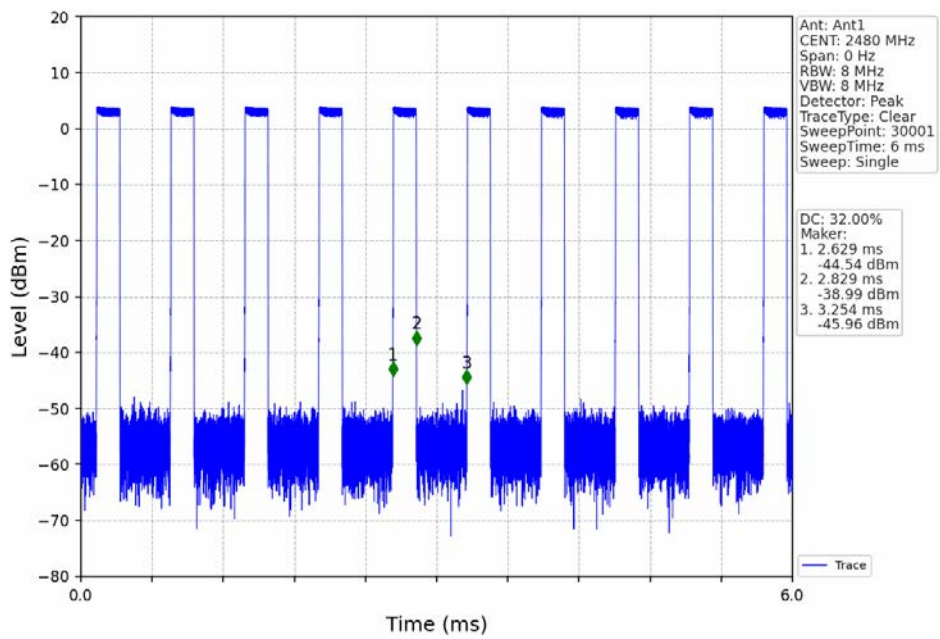
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV





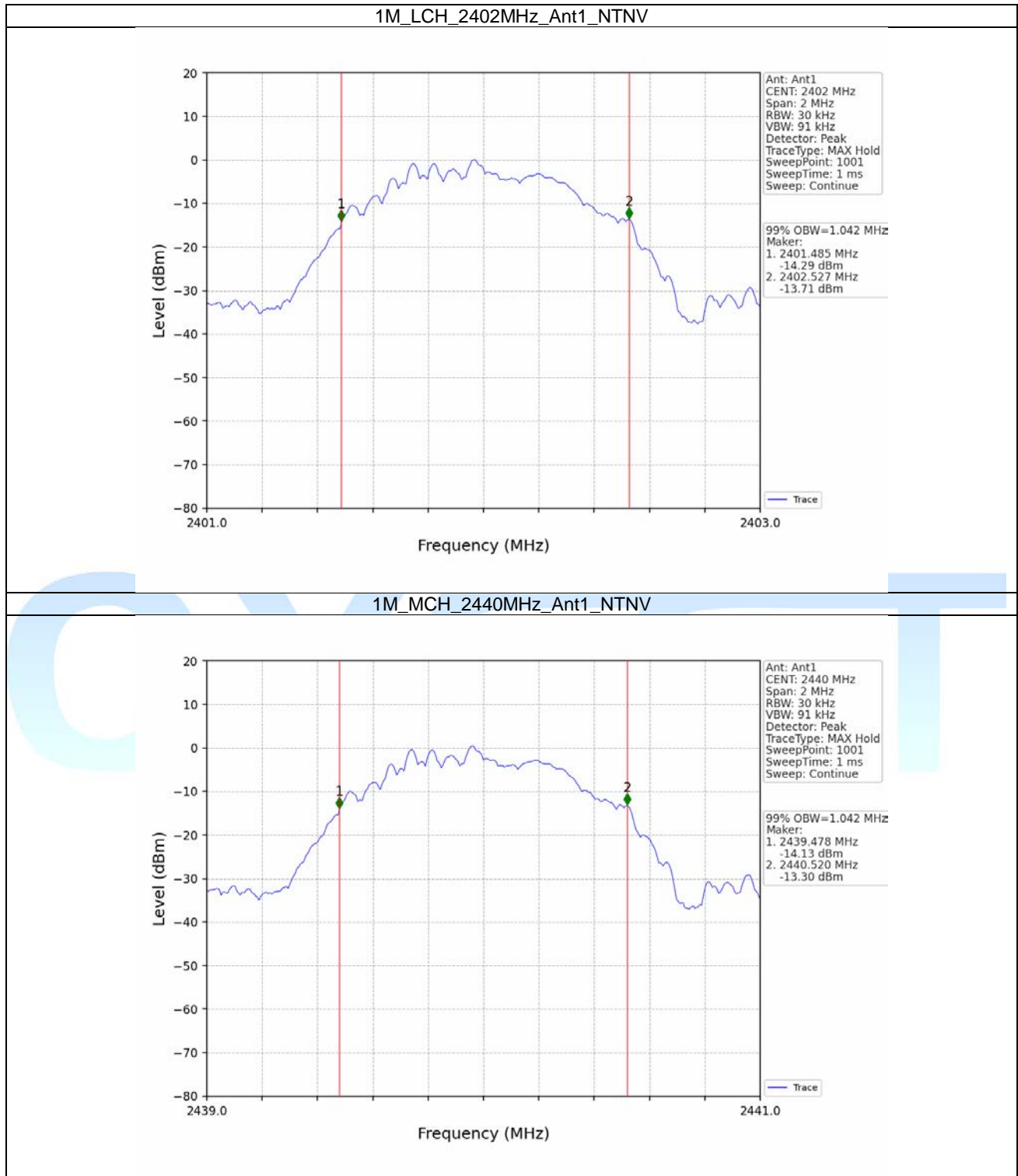
2. Bandwidth

2.1 OBW

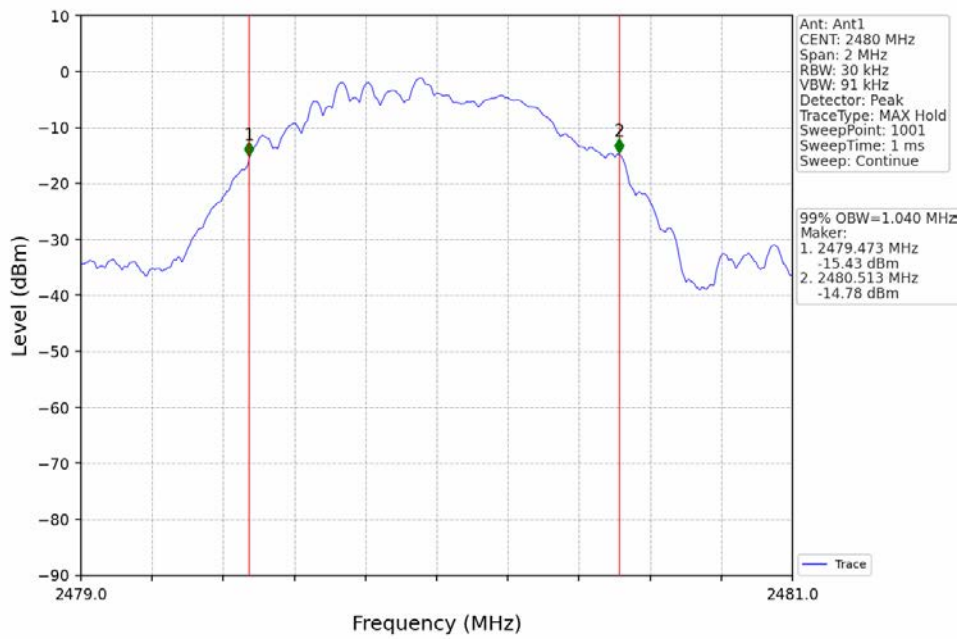
2.1.1 Test Result

| Mode | TX Type | Frequency (MHz) | ANT | 99% Occupied Bandwidth (MHz) | | Verdict |
|------|---------|-----------------|-----|------------------------------|-------|---------|
| | | | | Result | Limit | |
| 1M | SISO | 2402 | 1 | 1.042 | / | Pass |
| | | 2440 | 1 | 1.042 | / | Pass |
| | | 2480 | 1 | 1.040 | / | Pass |
| 2M | SISO | 2402 | 1 | 2.095 | / | Pass |
| | | 2440 | 1 | 2.093 | / | Pass |
| | | 2480 | 1 | 2.092 | / | Pass |

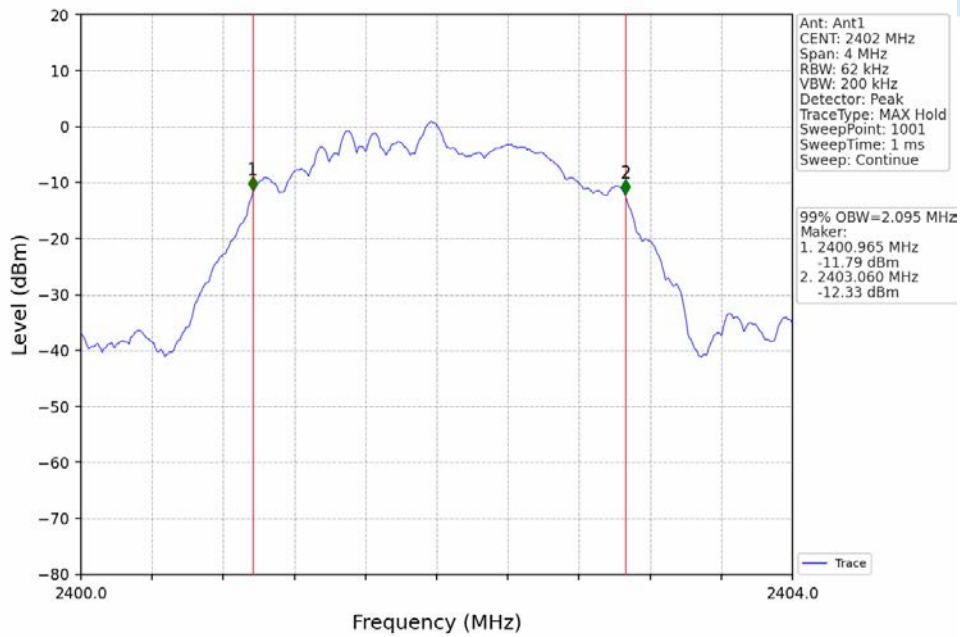
2.1.2 Test Graph



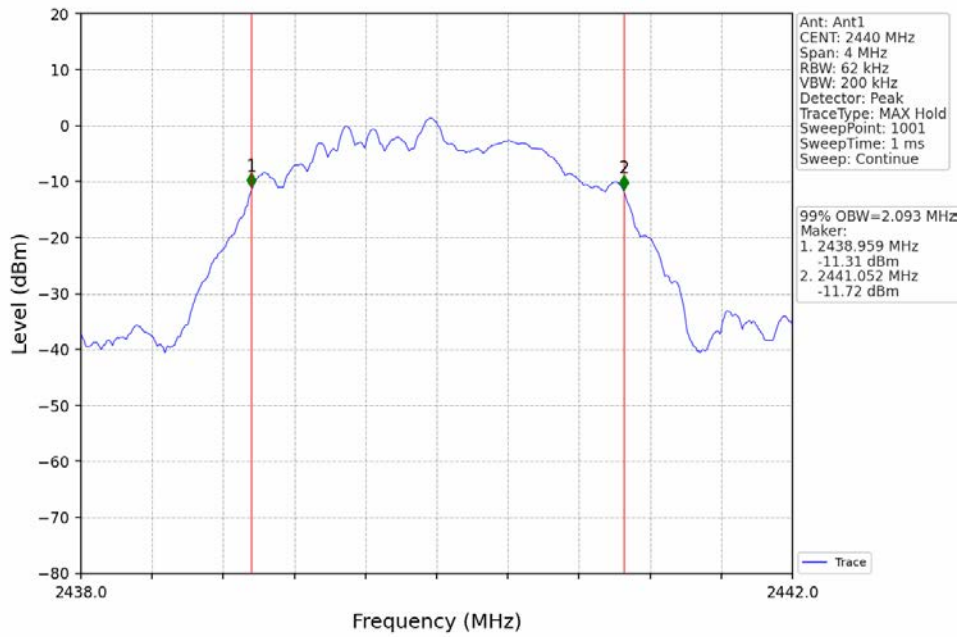
1M_HCH_2480MHz_Ant1_NTNV



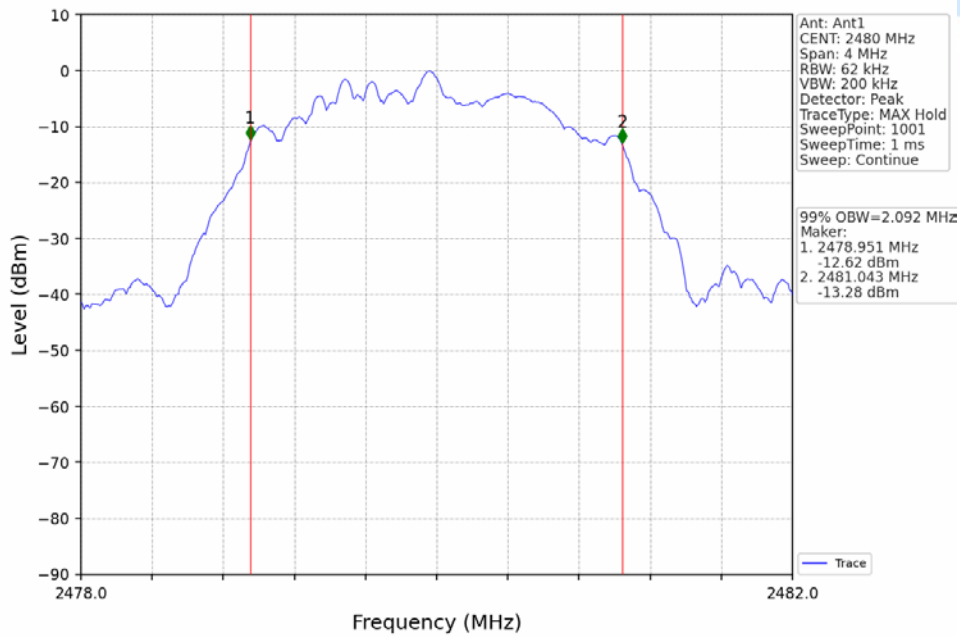
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



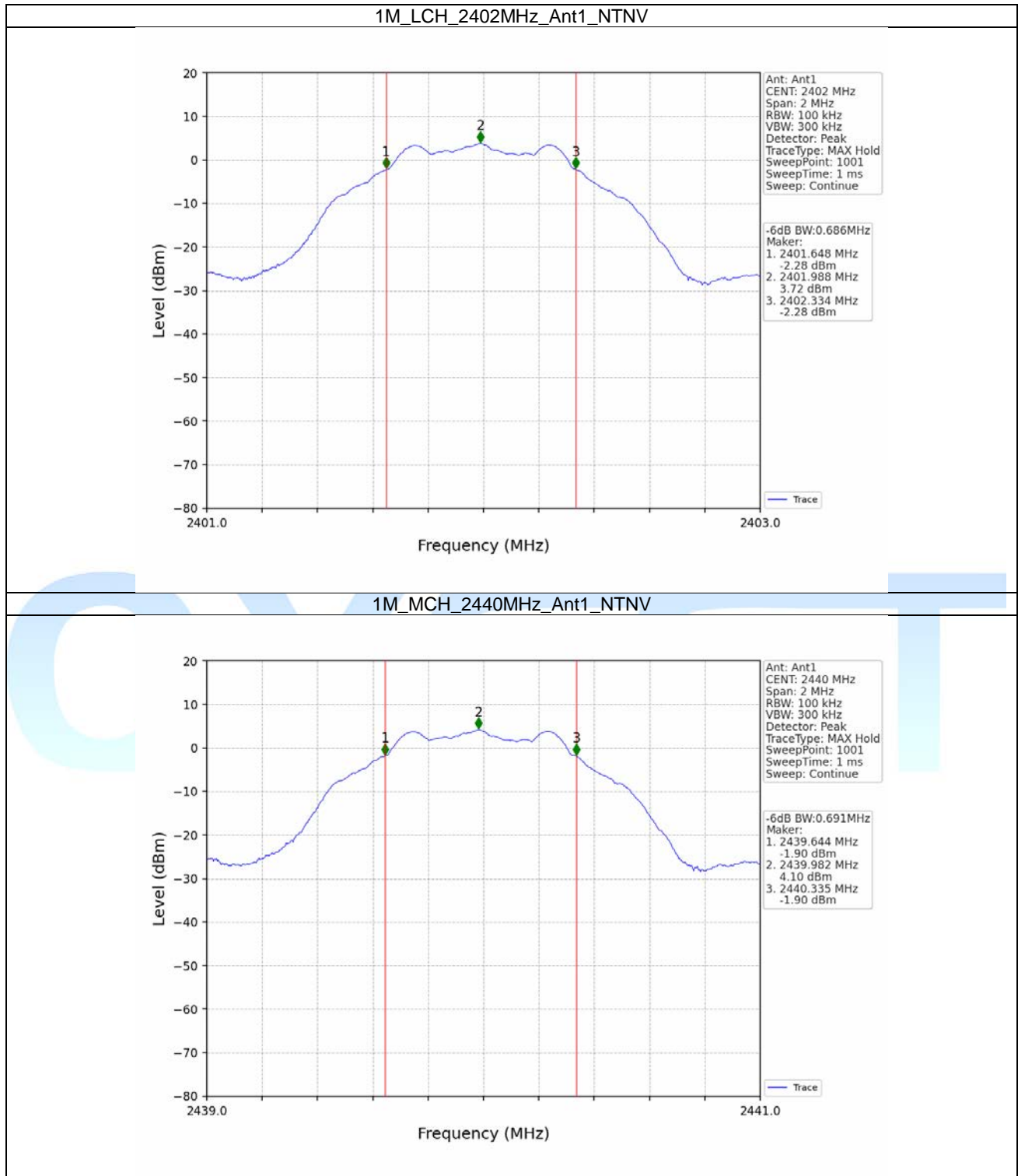
2.2 6dB BW

2.2.1 Test Result

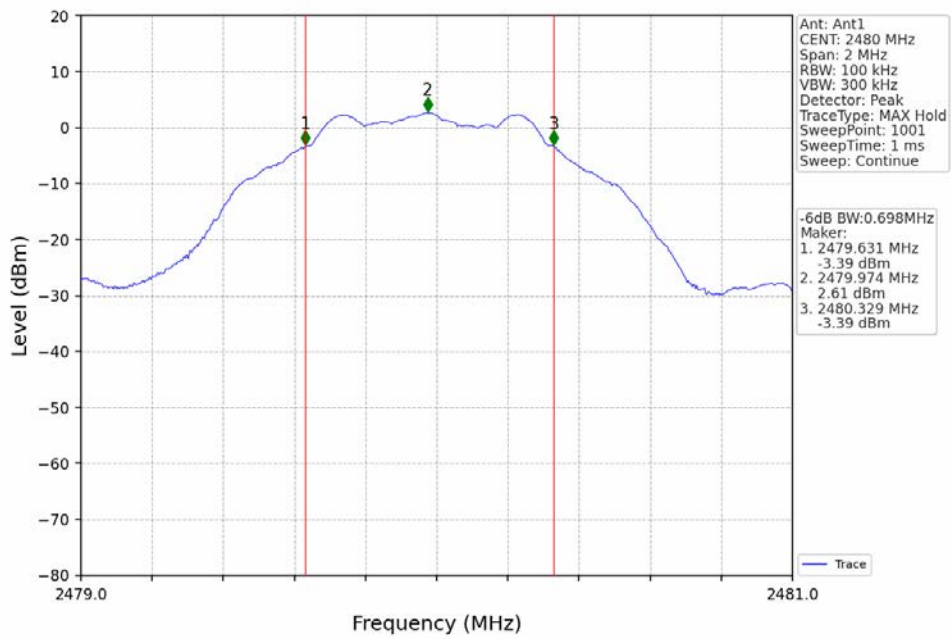
| Mode | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) | | Verdict |
|------|---------|-----------------|-----|---------------------|------------|---------|
| | | | | Result | Limit | |
| 1M | SISO | 2402 | 1 | 0.686 | ≥ 0.5 | Pass |
| | | 2440 | 1 | 0.691 | ≥ 0.5 | Pass |
| | | 2480 | 1 | 0.698 | ≥ 0.5 | Pass |
| 2M | SISO | 2402 | 1 | 1.271 | ≥ 0.5 | Pass |
| | | 2440 | 1 | 1.273 | ≥ 0.5 | Pass |
| | | 2480 | 1 | 1.278 | ≥ 0.5 | Pass |



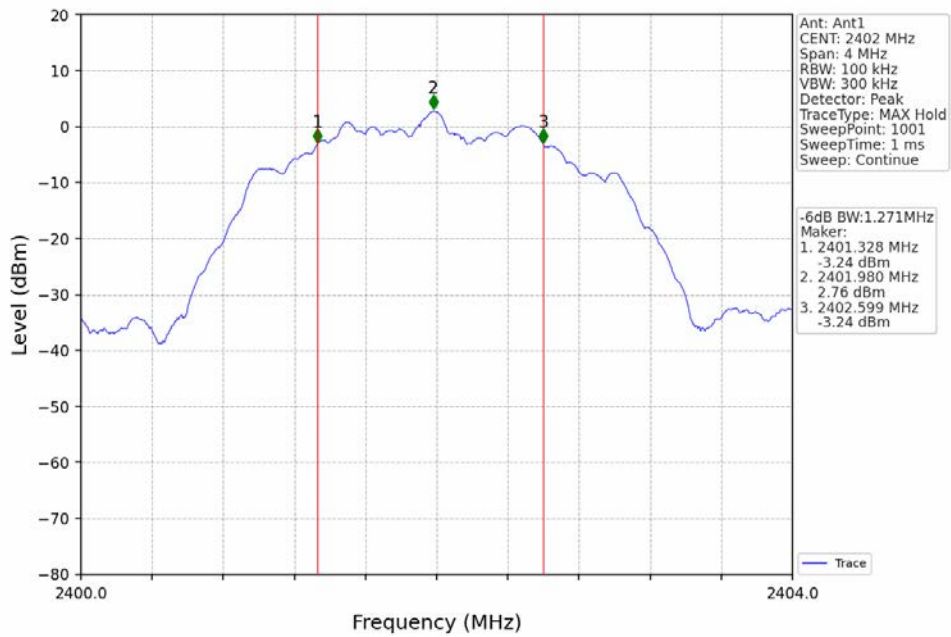
2.2.2 Test Graph



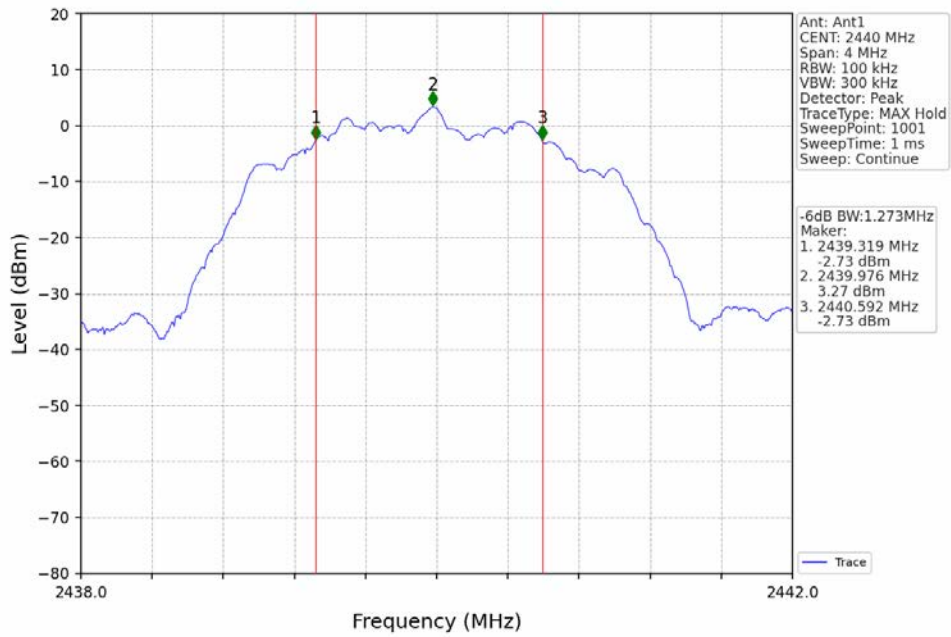
1M_HCH_2480MHz_Ant1_NTNV



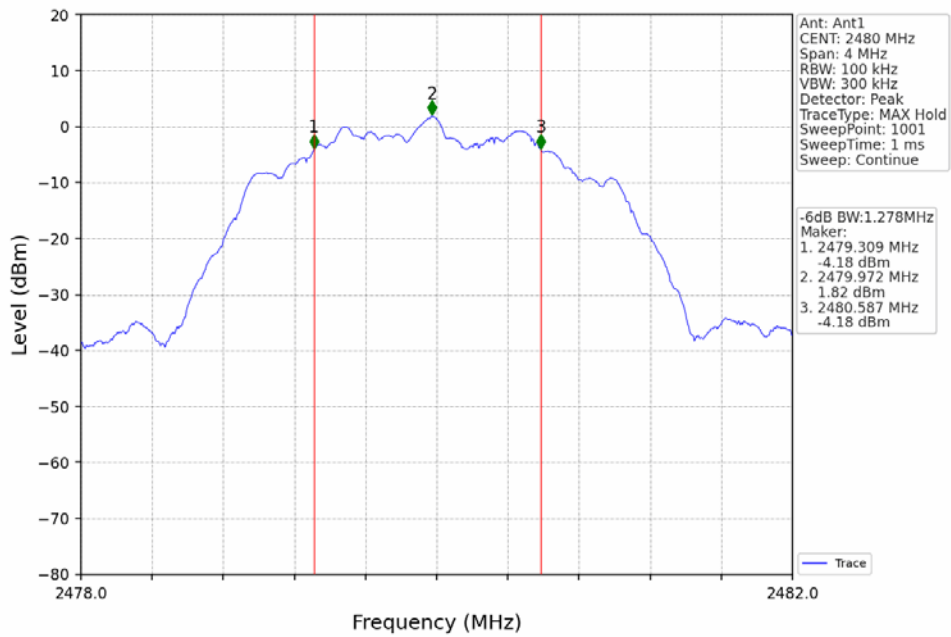
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



3. Maximum Conducted Output Power

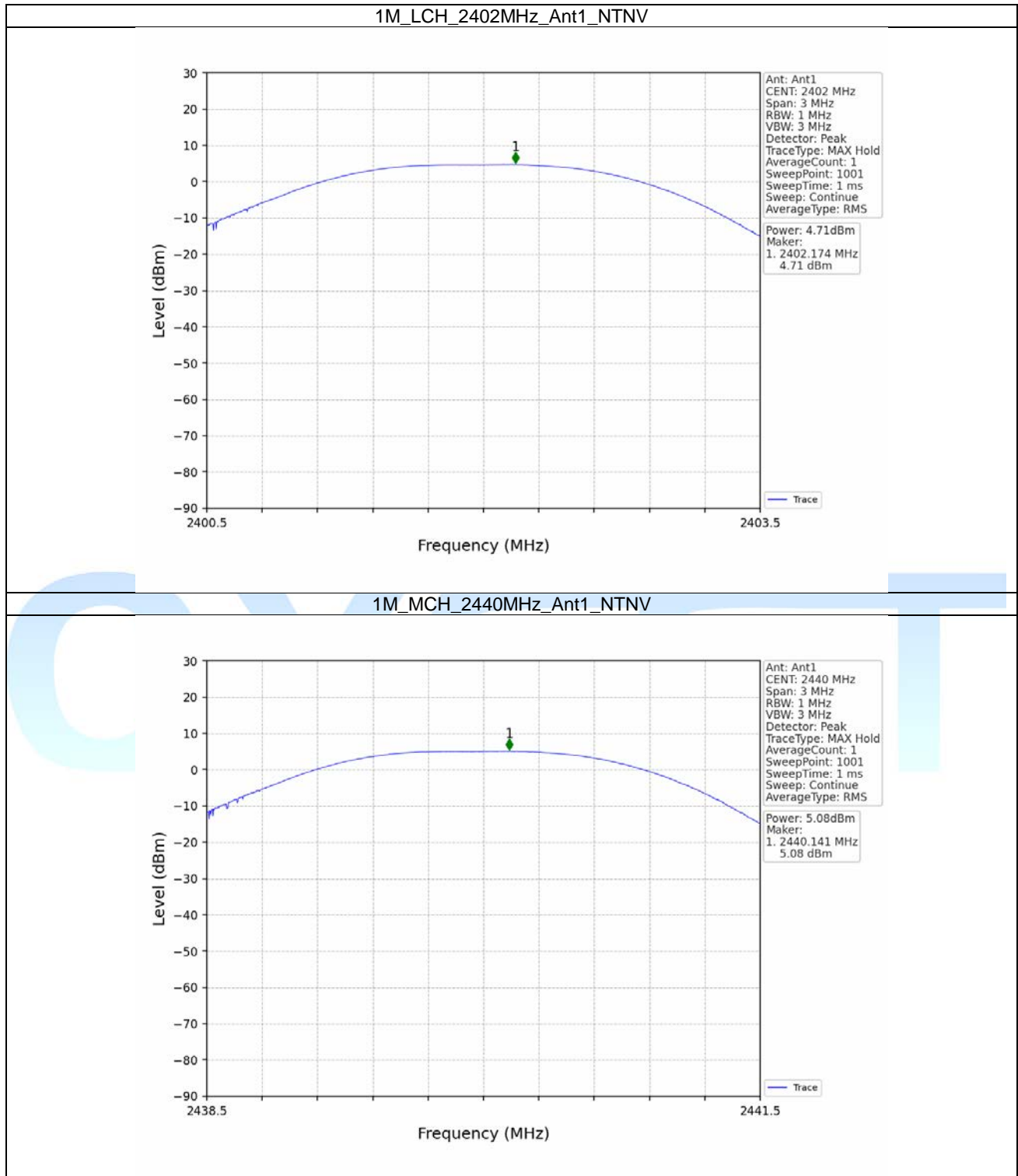
3.1 Power

3.1.1 Test Result

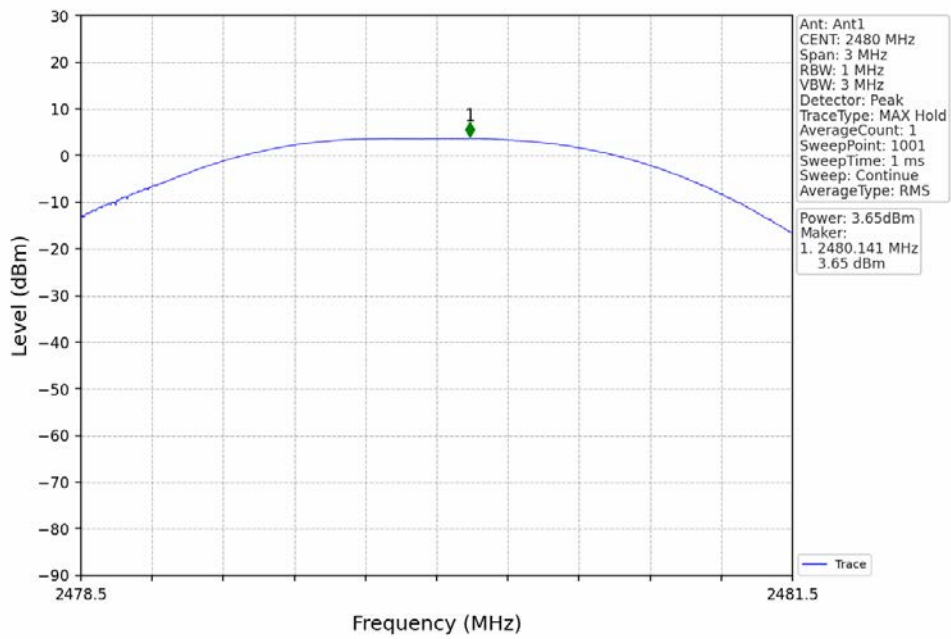
| Mode | TX Type | Frequency (MHz) | Maximum Peak Conducted Output Power (dBm) | | Verdict |
|------|---------|-----------------|---|-----------|---------|
| | | | ANT1 | Limit | |
| 1M | SISO | 2402 | 4.71 | ≤ 30 | Pass |
| | | 2440 | 5.08 | ≤ 30 | Pass |
| | | 2480 | 3.65 | ≤ 30 | Pass |
| 2M | SISO | 2402 | 4.71 | ≤ 30 | Pass |
| | | 2440 | 5.34 | ≤ 30 | Pass |
| | | 2480 | 3.96 | ≤ 30 | Pass |

Note1: Antenna Gain: Ant1: 1.98dBi;

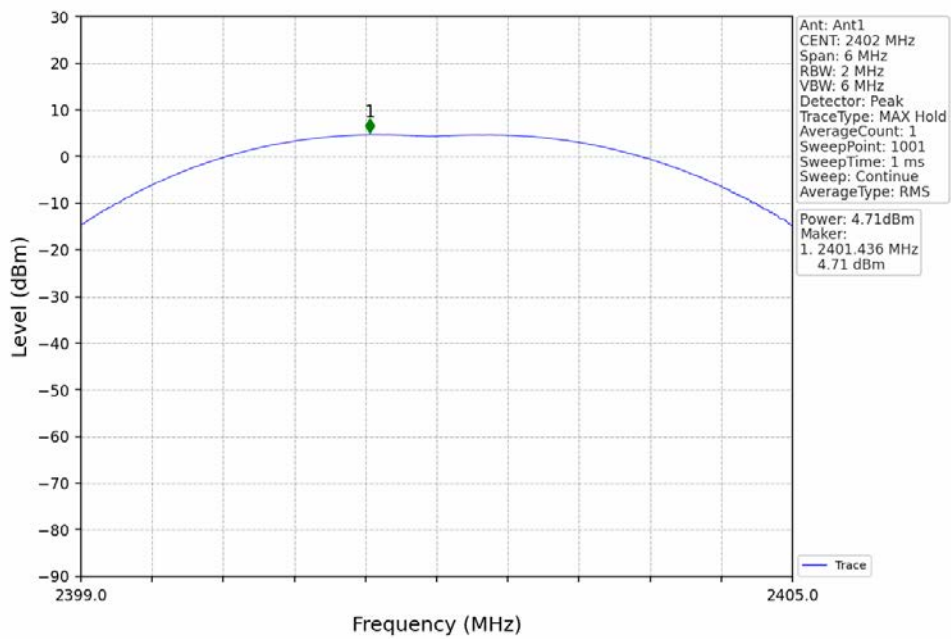
3.1.2 Test Graph



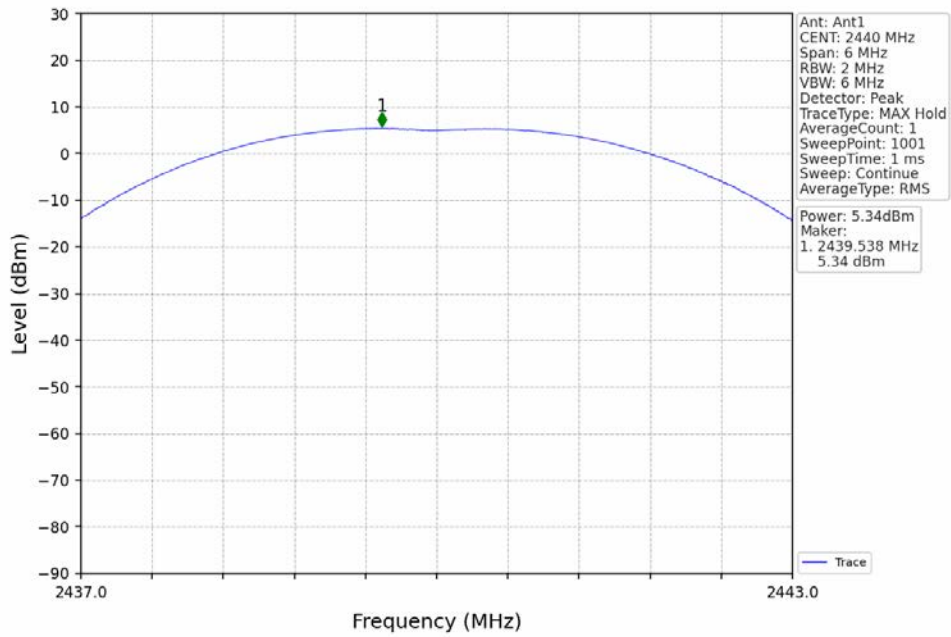
1M_HCH_2480MHz_Ant1_NTNV



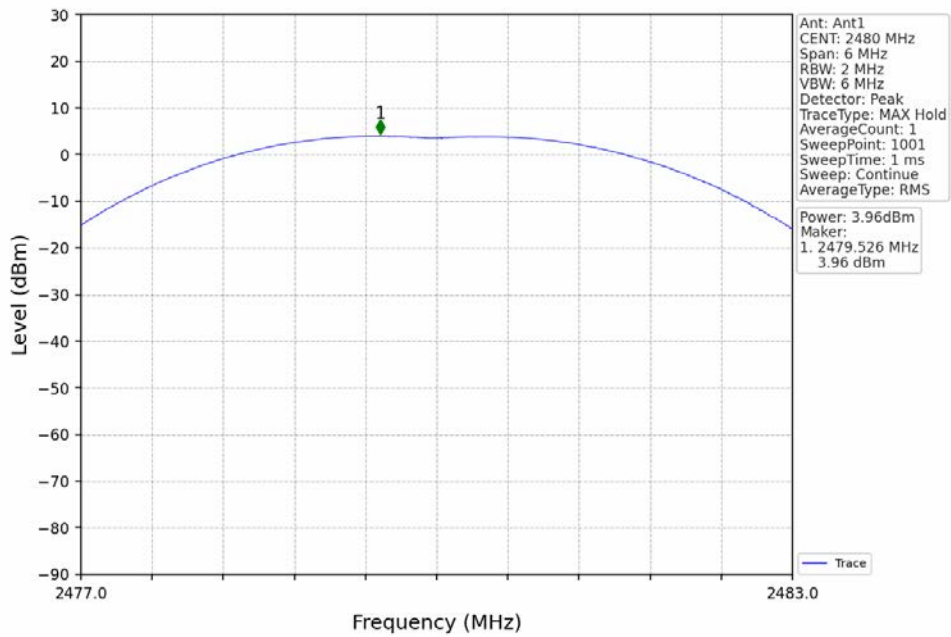
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



4. Maximum Power Spectral Density

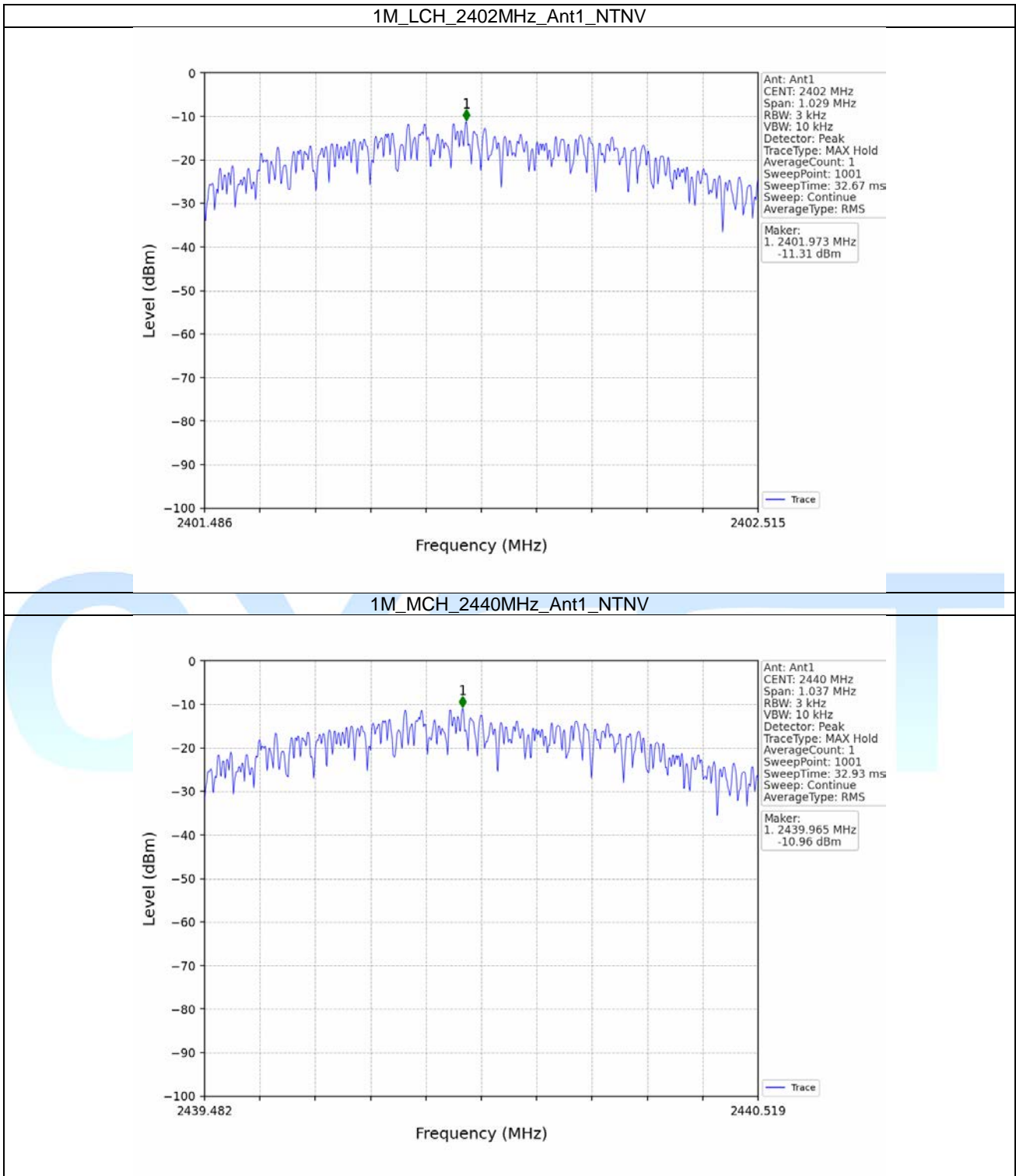
4.1 PSD

4.1.1 Test Result

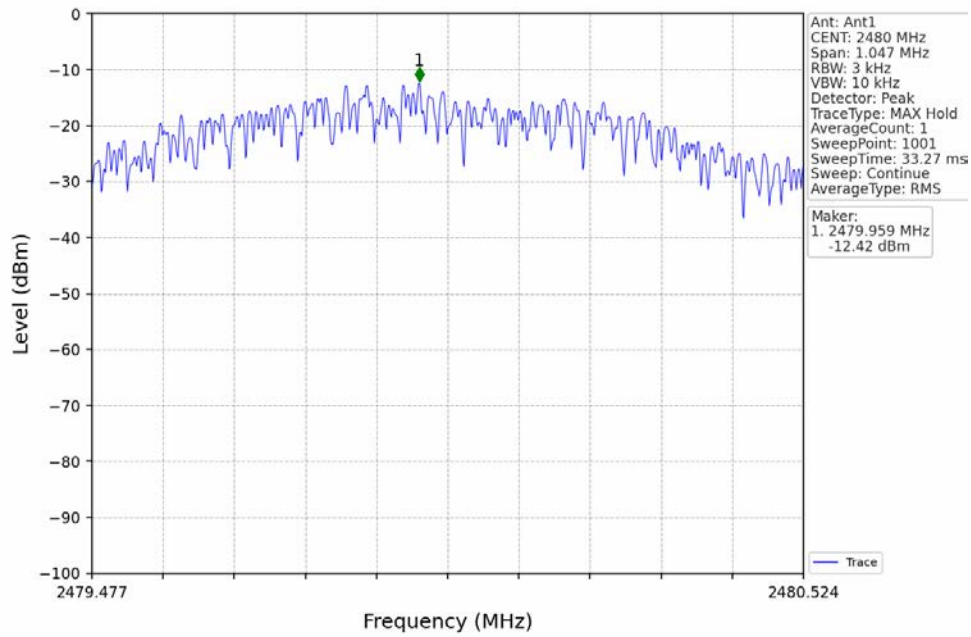
| Mode | TX Type | Frequency (MHz) | Maximum PSD (dBm/3kHz) | | Verdict |
|------|---------|-----------------|------------------------|----------|---------|
| | | | ANT1 | Limit | |
| 1M | SISO | 2402 | -11.31 | ≤ 8 | Pass |
| | | 2440 | -10.96 | ≤ 8 | Pass |
| | | 2480 | -12.42 | ≤ 8 | Pass |
| 2M | SISO | 2402 | -14.31 | ≤ 8 | Pass |
| | | 2440 | -13.70 | ≤ 8 | Pass |
| | | 2480 | -15.20 | ≤ 8 | Pass |

Note1: Antenna Gain: Ant1: 1.98dBi;

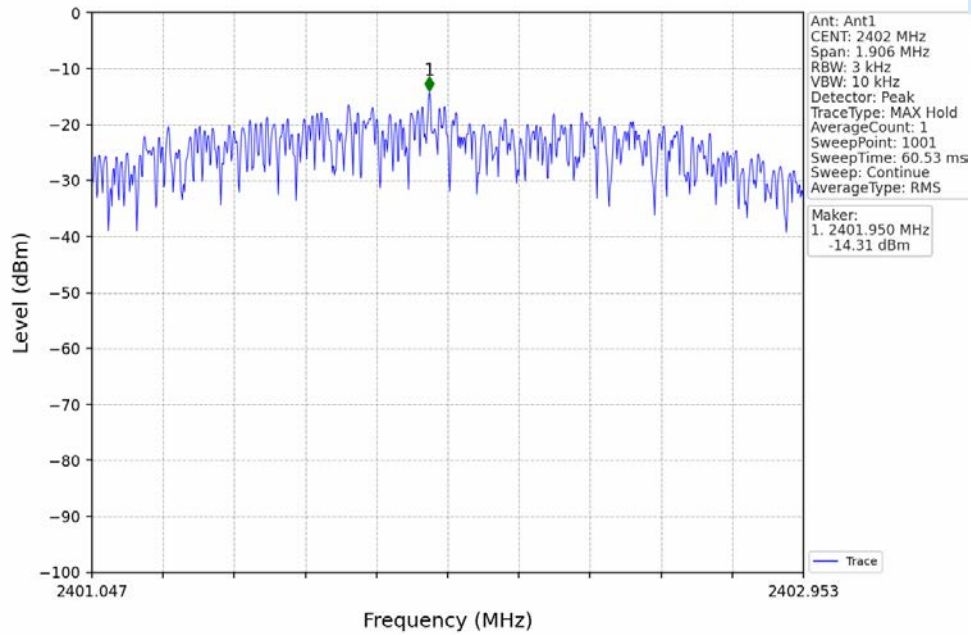
4.1.2 Test Graph



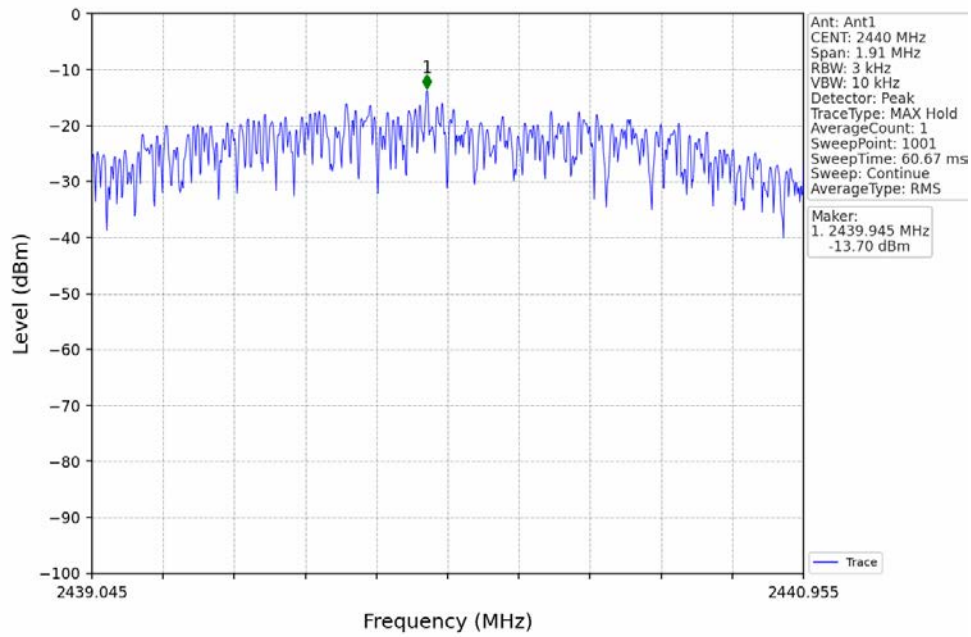
1M_HCH_2480MHz_Ant1_NTNV



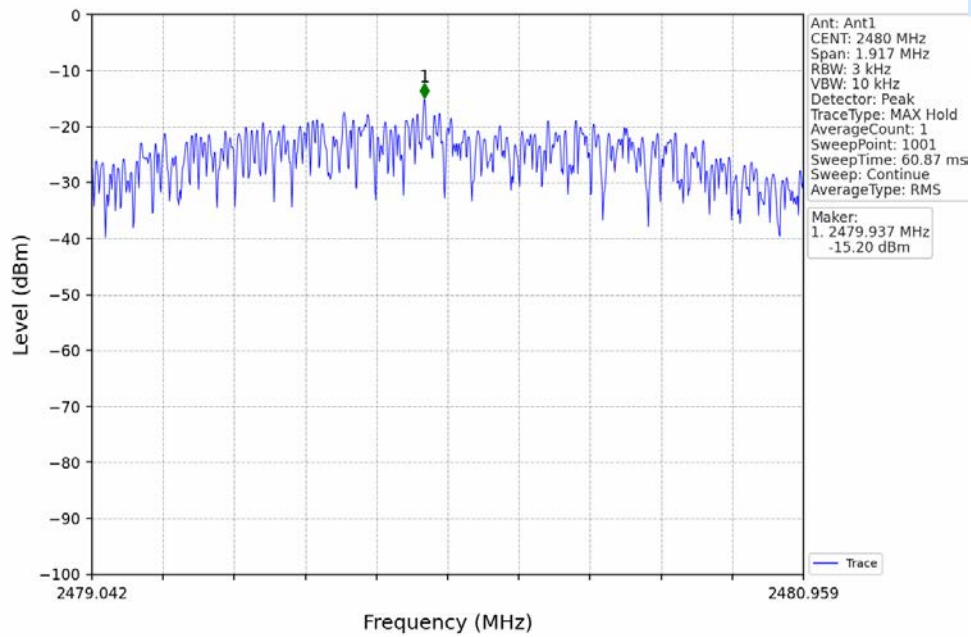
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



5. Unwanted Emissions In Non-restricted Frequency Bands

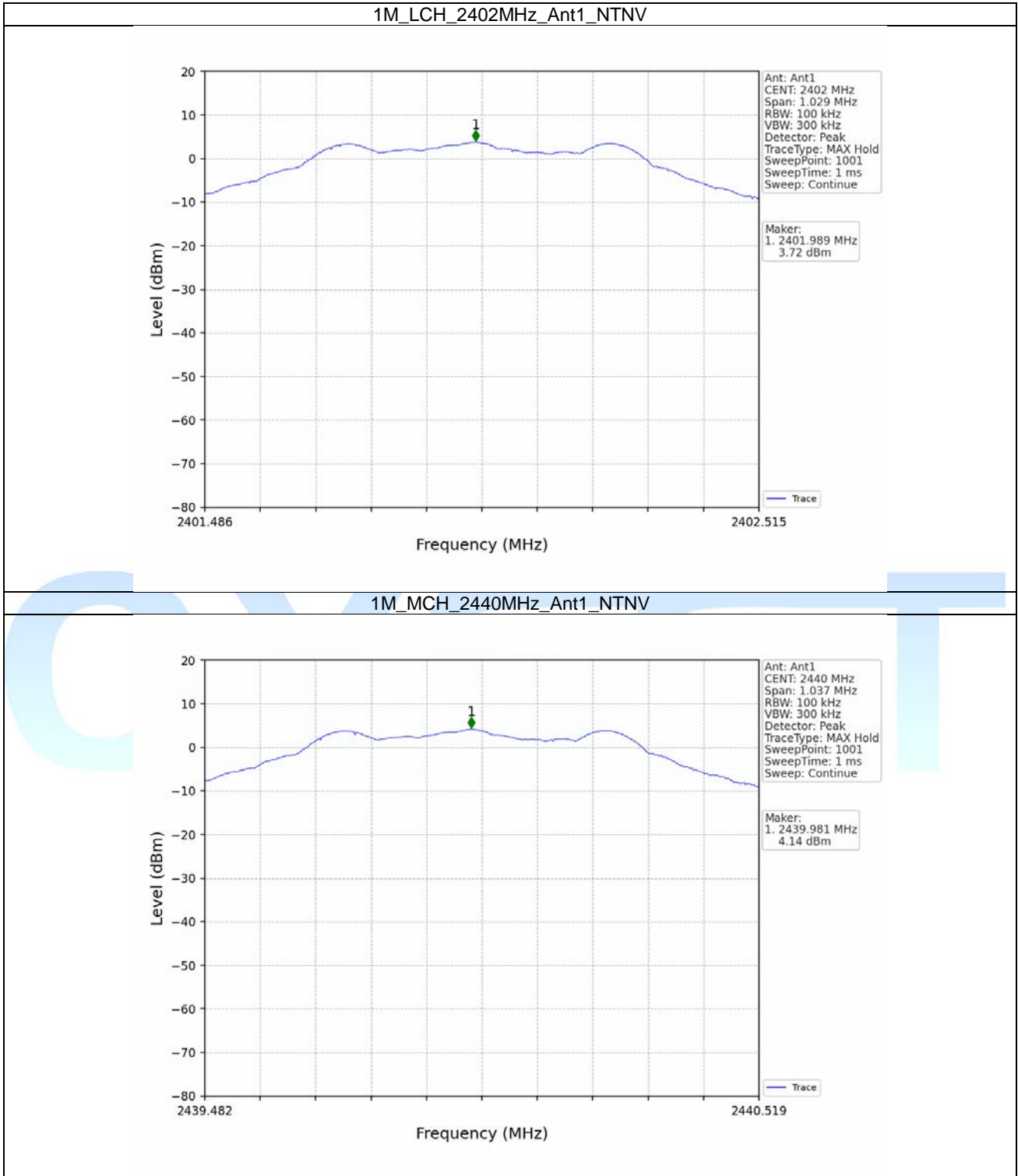
5.1 Ref

5.1.1 Test Result

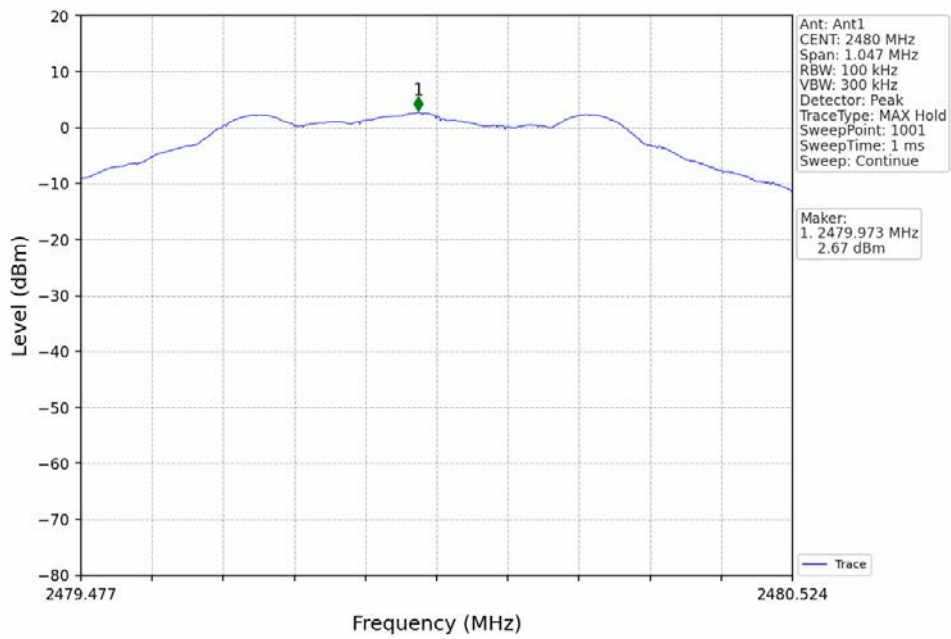
| Mode | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) |
|------|---------|-----------------|-----|--------------------------|
| 1M | SISO | 2402 | 1 | 3.72 |
| | | 2440 | 1 | 4.14 |
| | | 2480 | 1 | 2.67 |
| 2M | SISO | 2402 | 1 | 2.78 |
| | | 2440 | 1 | 3.29 |
| | | 2480 | 1 | 1.82 |

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.

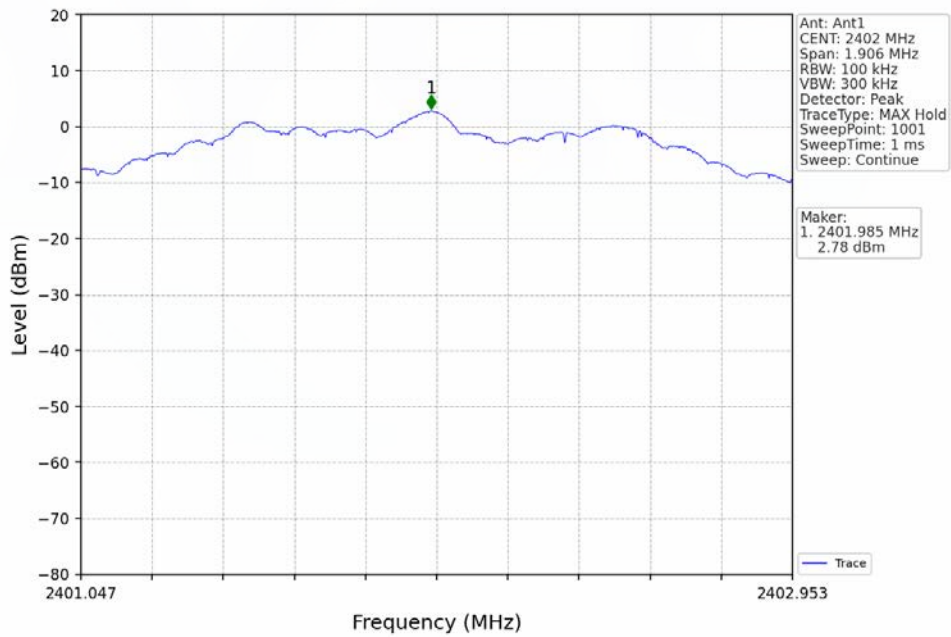
5.1.2 Test Graph



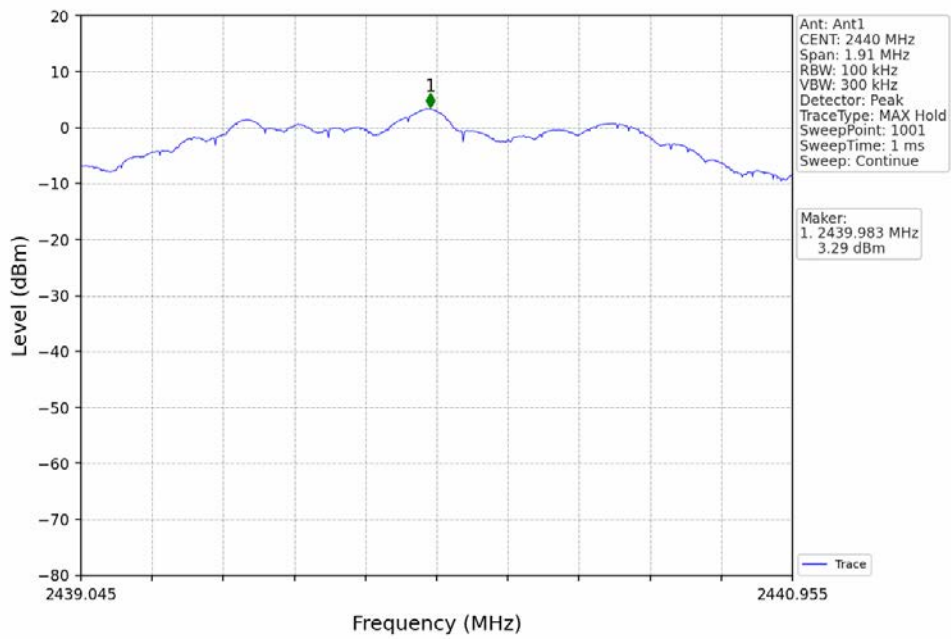
1M_HCH_2480MHz_Ant1_NTNV



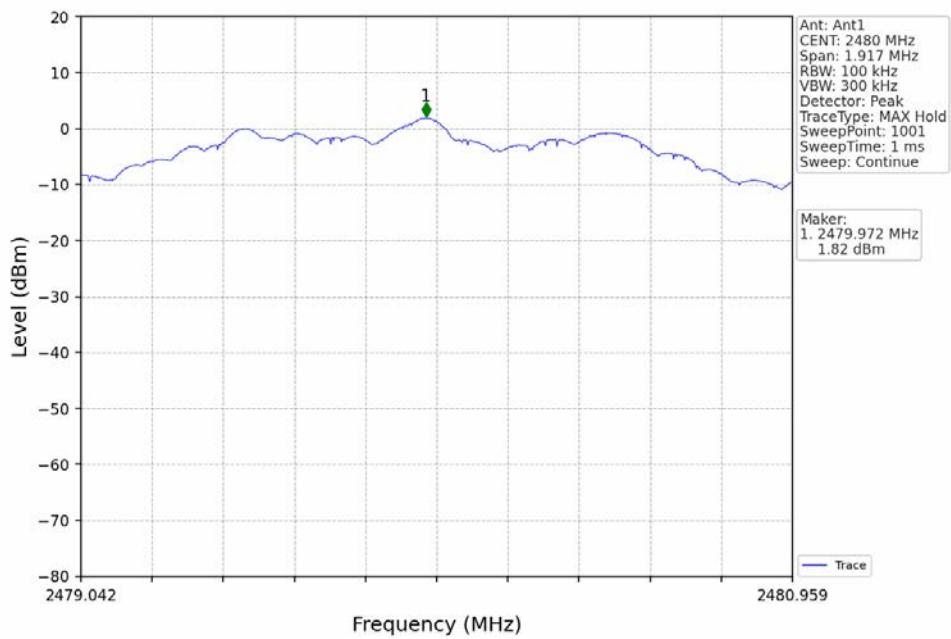
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV





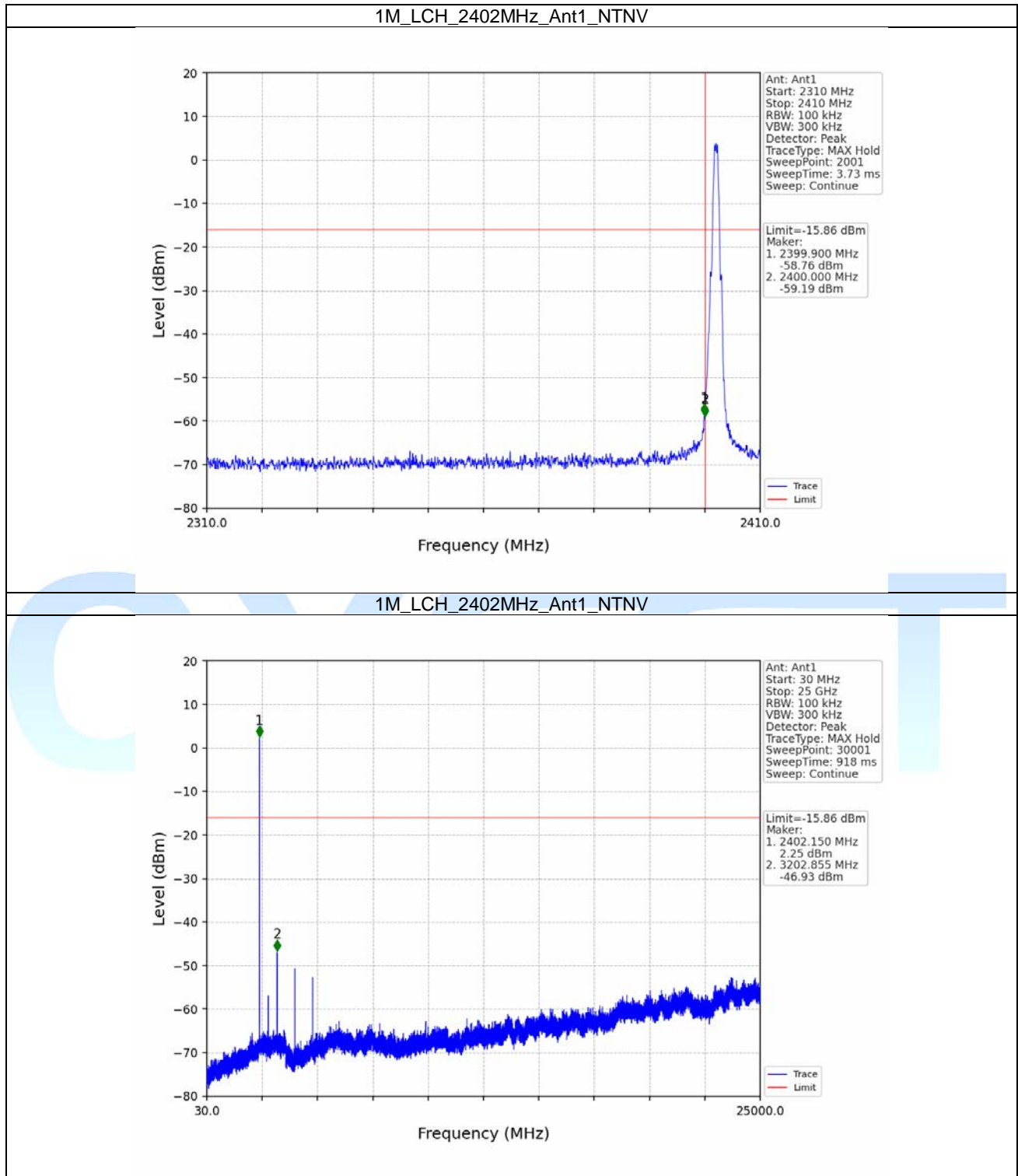
5.2 CSE

5.2.1 Test Result

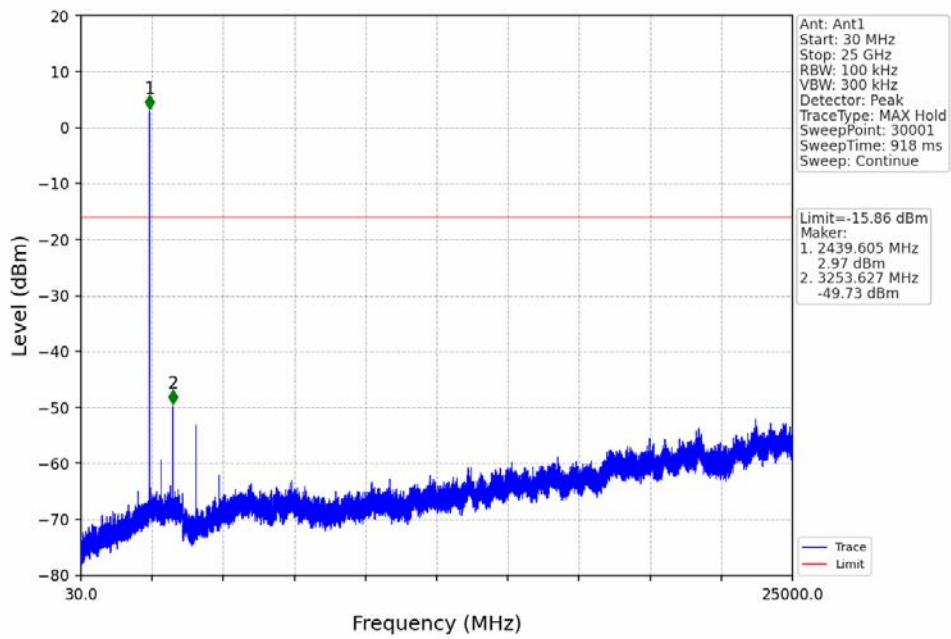
| Mode | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) | Limit (dBm) | Verdict |
|------|---------|-----------------|-----|--------------------------|-------------|---------|
| 1M | SISO | 2402 | 1 | 4.14 | -15.86 | Pass |
| | | 2440 | 1 | 4.14 | -15.86 | Pass |
| | | 2480 | 1 | 4.14 | -15.86 | Pass |
| 2M | SISO | 2402 | 1 | 3.29 | -16.71 | Pass |
| | | 2440 | 1 | 3.29 | -16.71 | Pass |
| | | 2480 | 1 | 3.29 | -16.71 | 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.

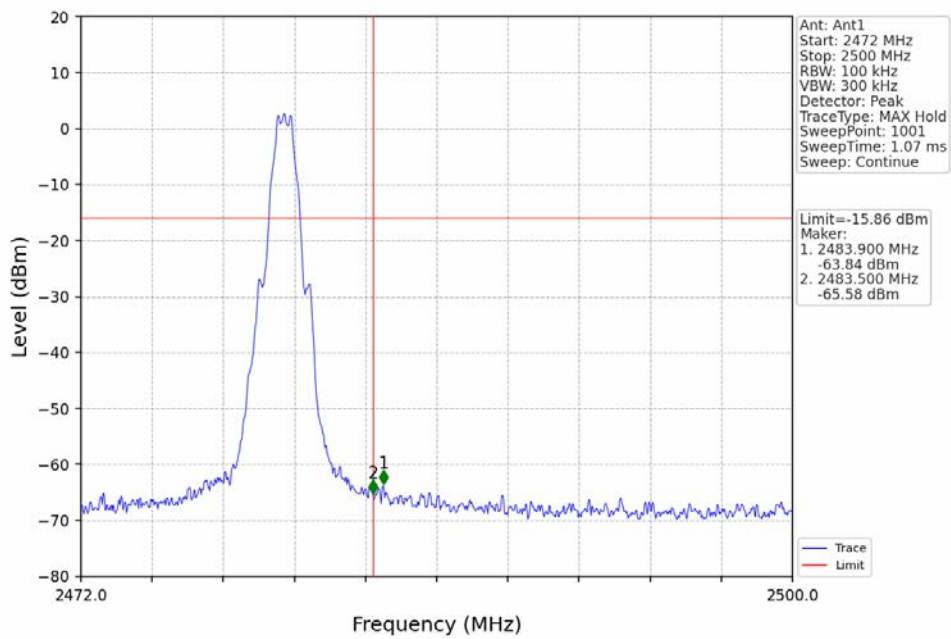
5.2.2 Test Graph



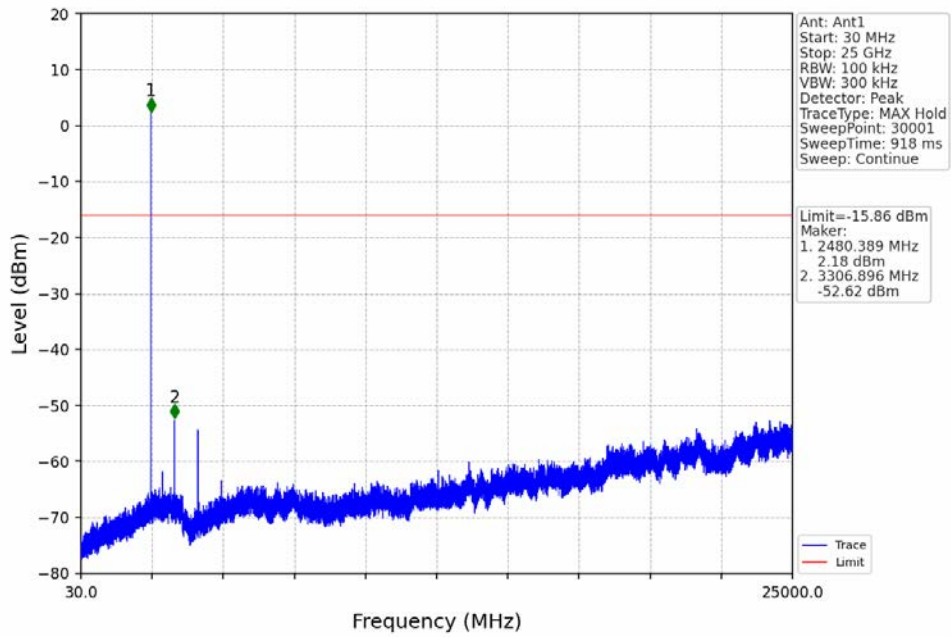
1M_MCH_2440MHz_Ant1_NTNV



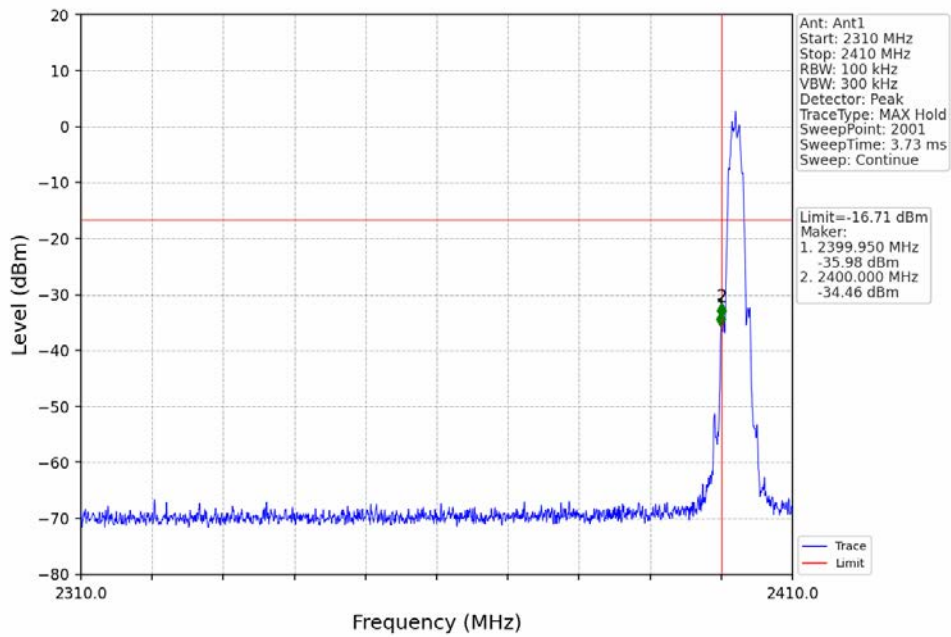
1M_HCH_2480MHz_Ant1_NTNV



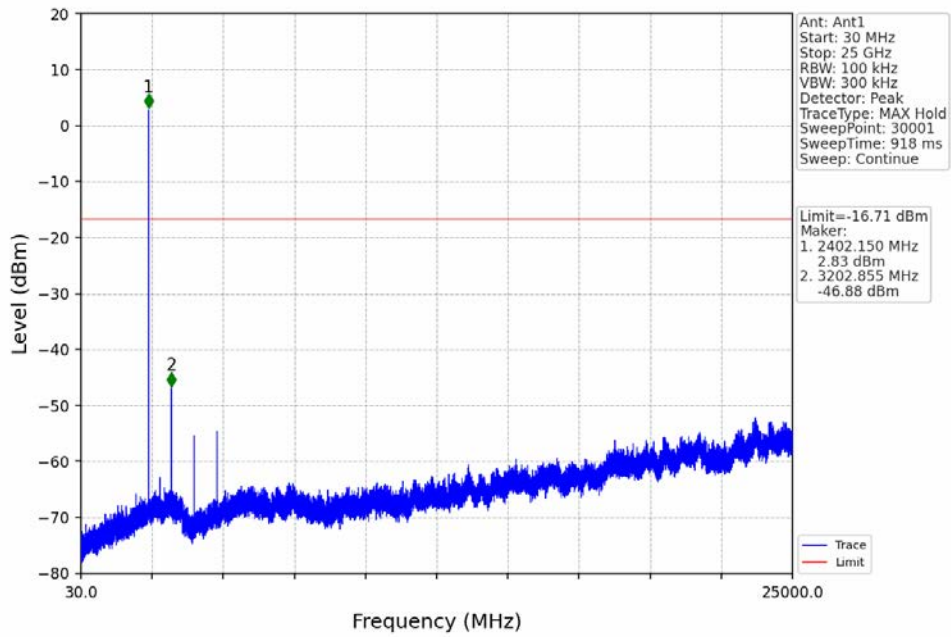
1M_HCH_2480MHz_Ant1_NTNV



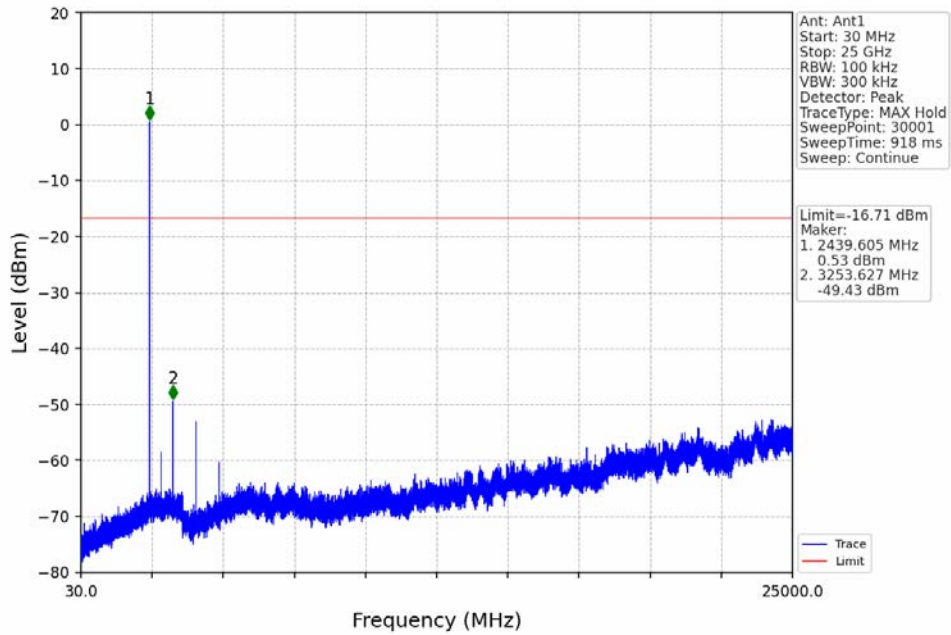
2M_LCH_2402MHz_Ant1_NTNV



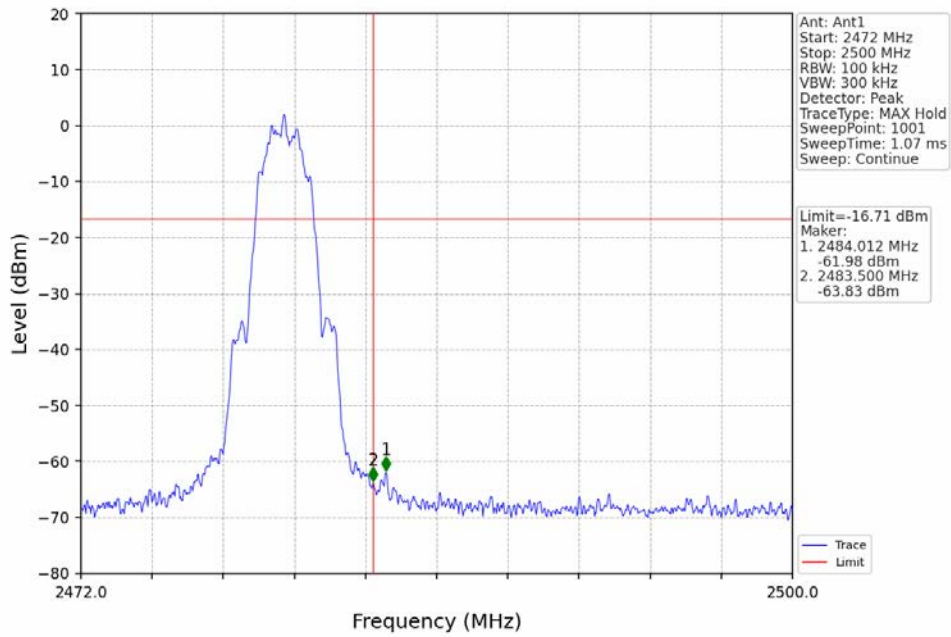
2M_LCH_2402MHz_Ant1_NTNV



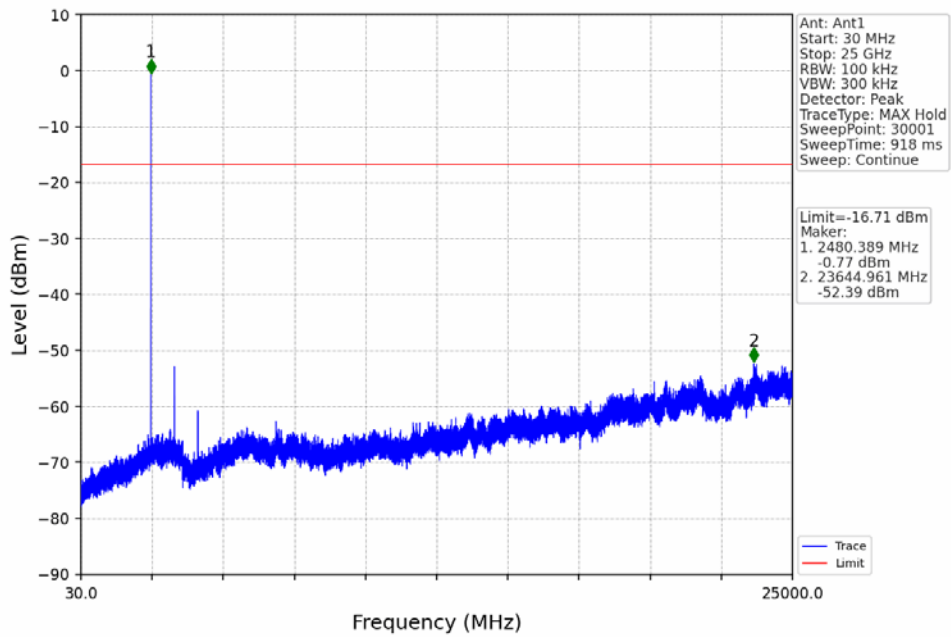
2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



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