

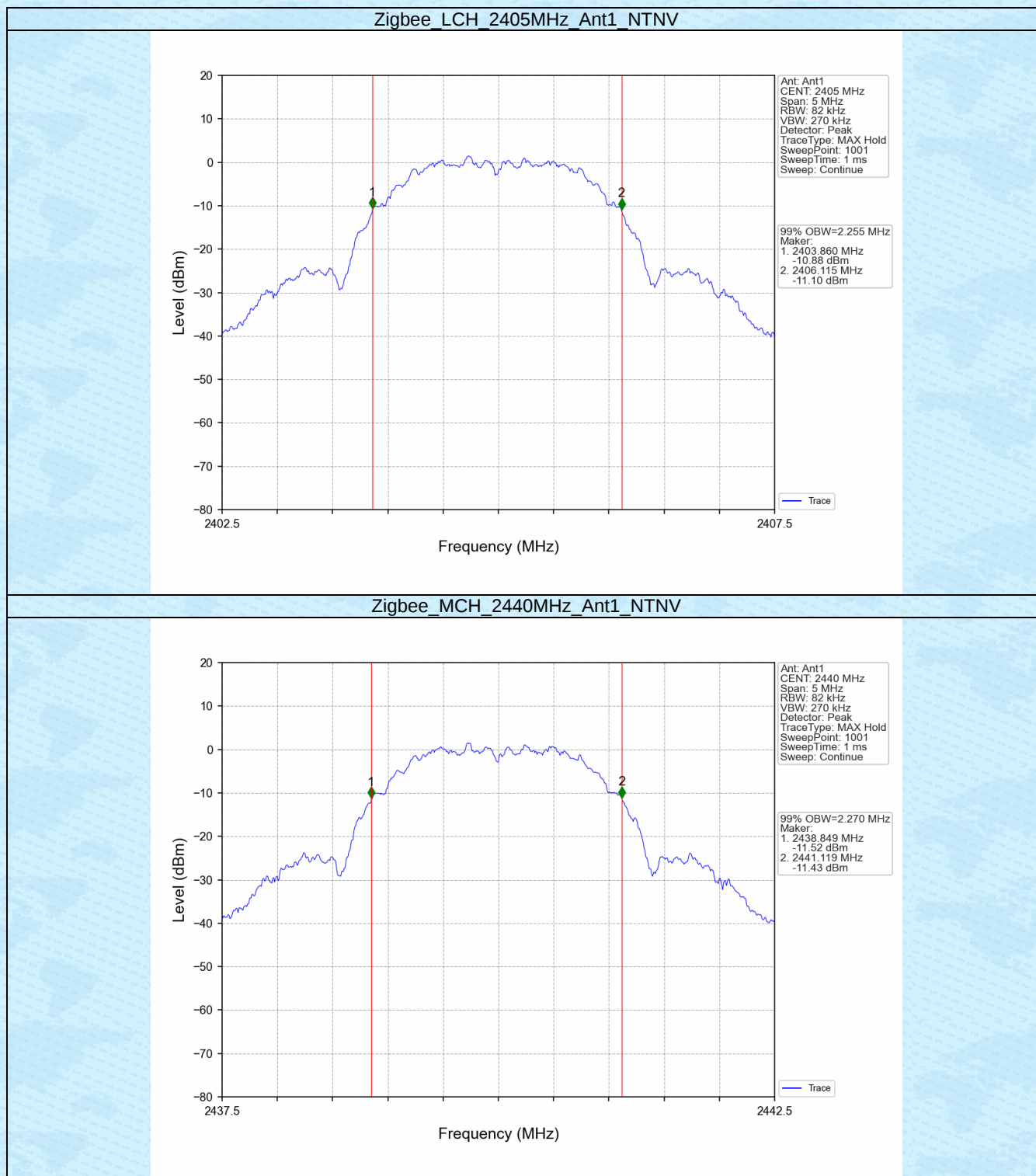
## 1. Bandwidth

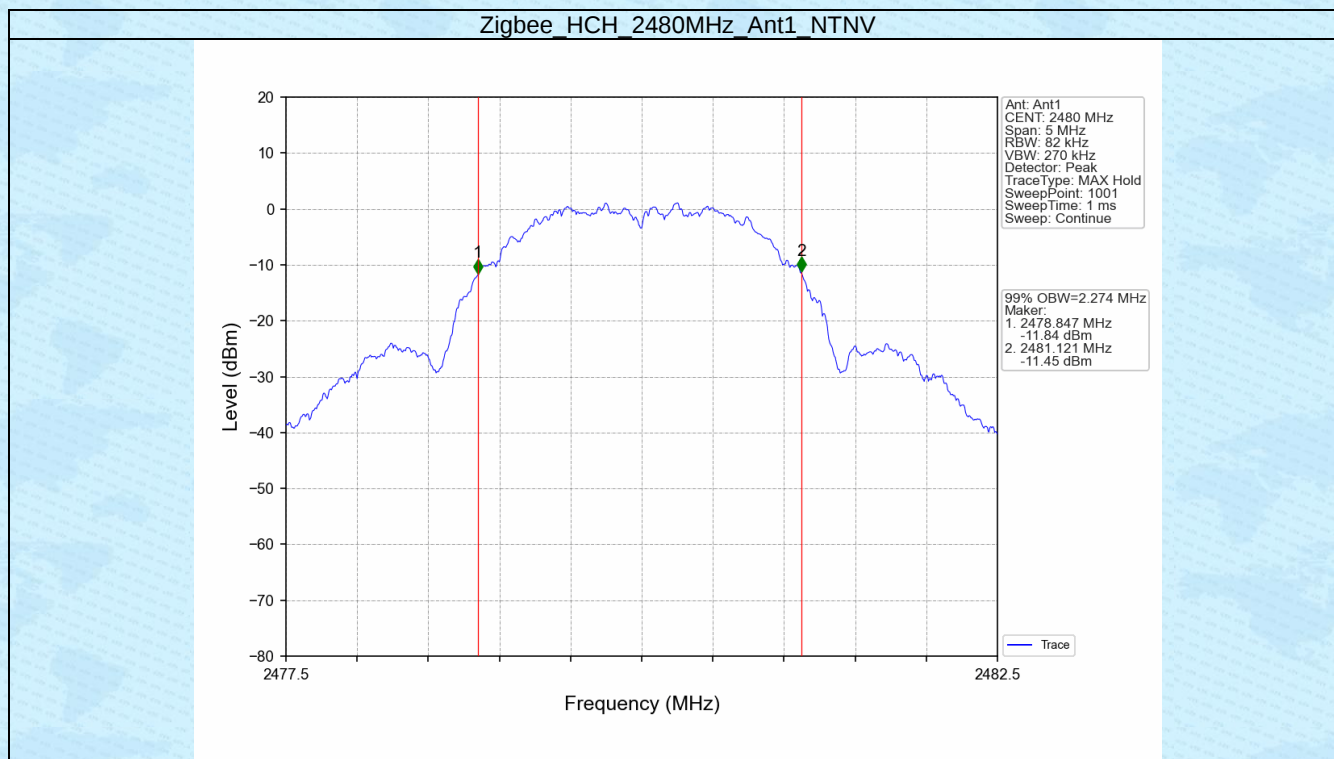
### 1.1 OBW

#### 1.1.1 Test Result

| Mode   | TX Type | Frequency (MHz) | ANT | 99% Occupied Bandwidth (MHz) | Verdict |
|--------|---------|-----------------|-----|------------------------------|---------|
|        |         |                 |     | Result                       |         |
| Zigbee | SISO    | 2405            | 1   | 2.255                        | Pass    |
|        |         | 2440            | 1   | 2.270                        | Pass    |
|        |         | 2480            | 1   | 2.274                        | Pass    |

## 1.1.2 Test Graph



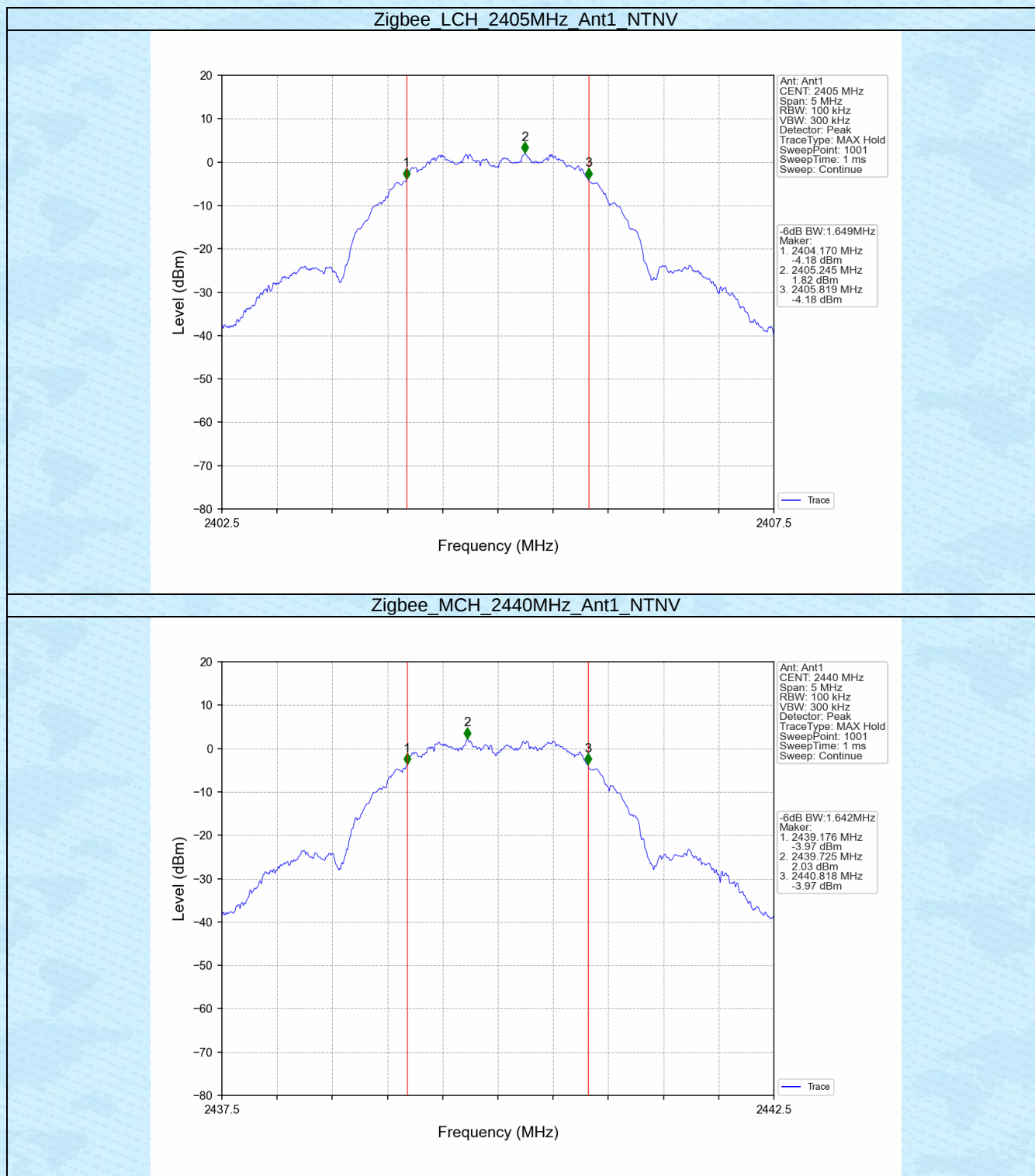


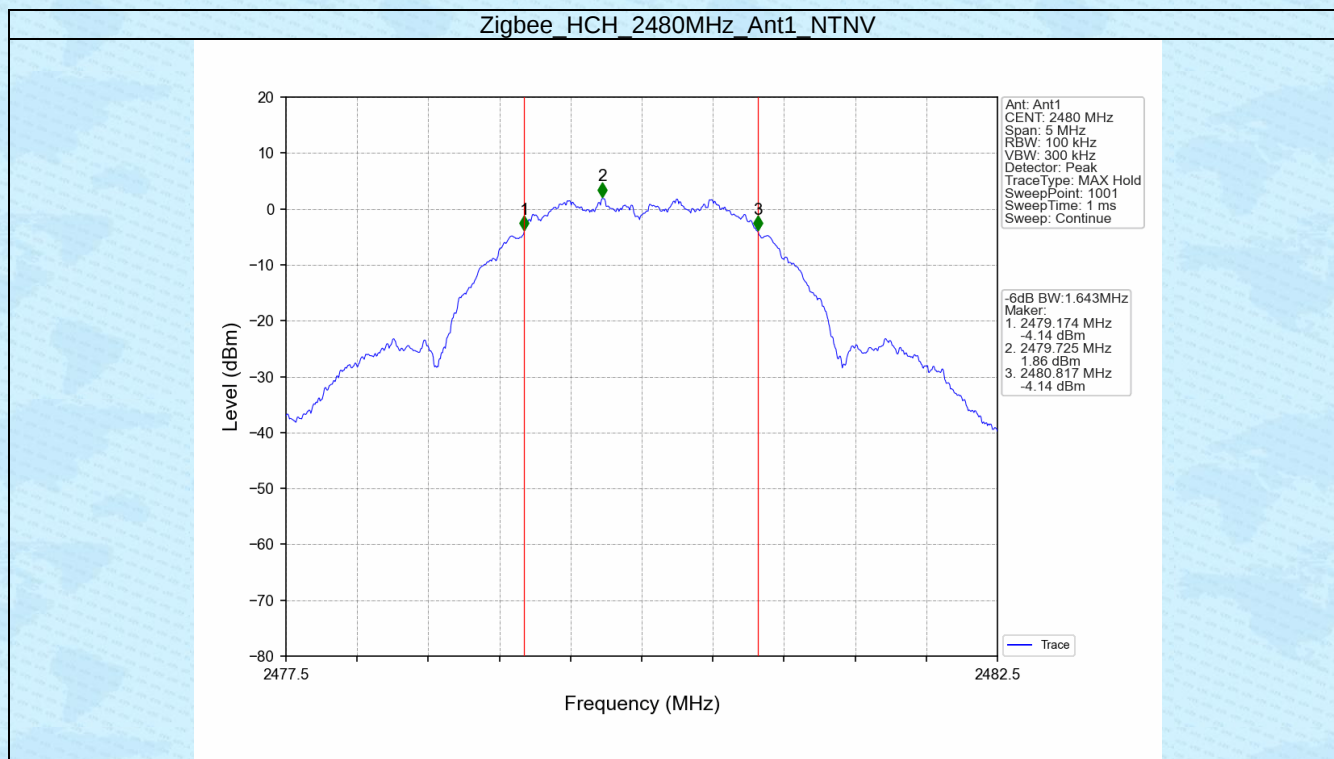
## 1.2 6dB BW

## 1.2.1 Test Result

| Mode   | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) |            | Verdict |
|--------|---------|-----------------|-----|---------------------|------------|---------|
|        |         |                 |     | Result              | Limit      |         |
| Zigbee | SISO    | 2405            | 1   | 1.649               | $\geq 0.5$ | Pass    |
|        |         | 2440            | 1   | 1.642               | $\geq 0.5$ | Pass    |
|        |         | 2480            | 1   | 1.643               | $\geq 0.5$ | Pass    |

## 1.2.2 Test Graph





## 2. Maximum Conducted Output Power

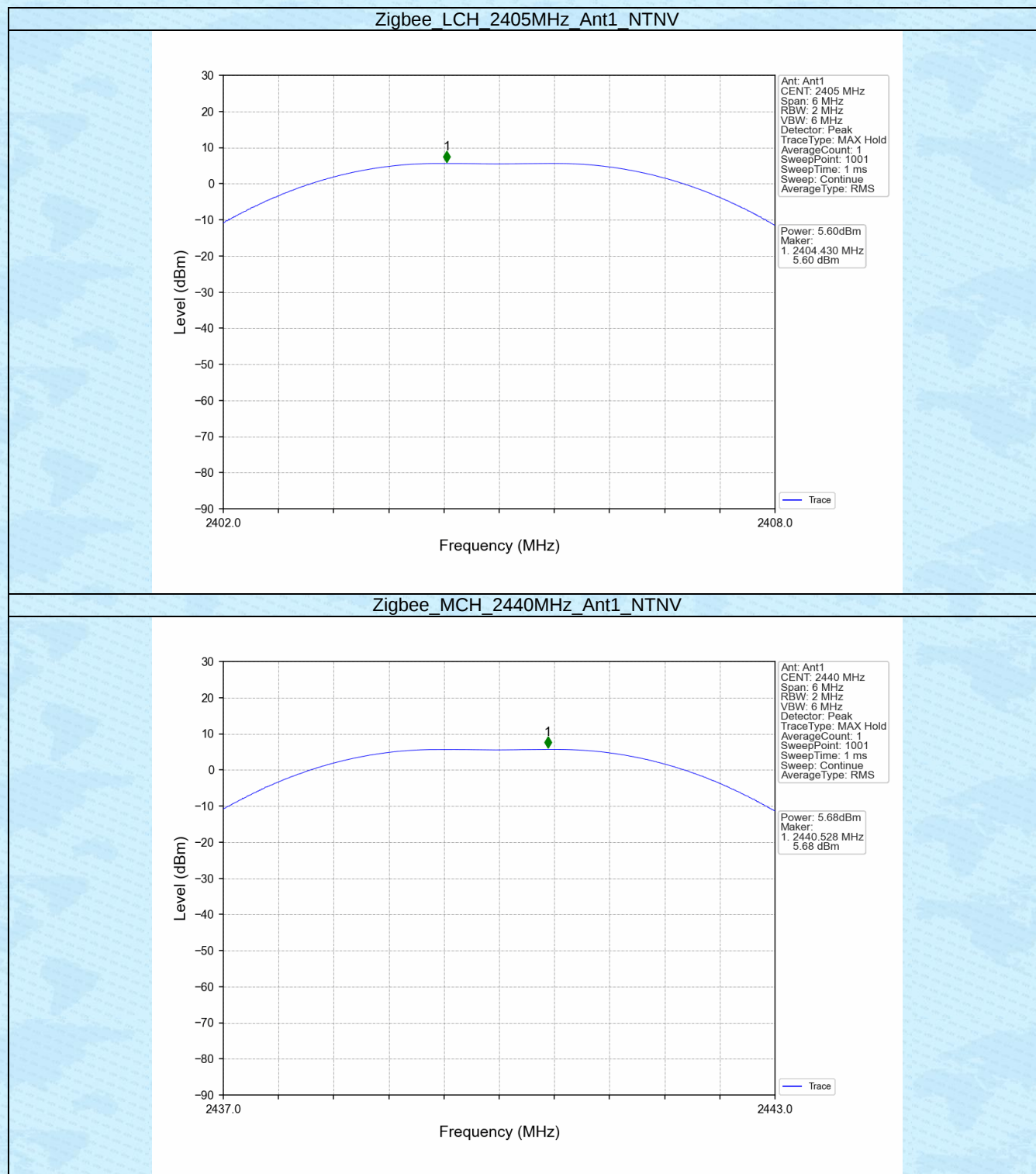
### 2.1 Power

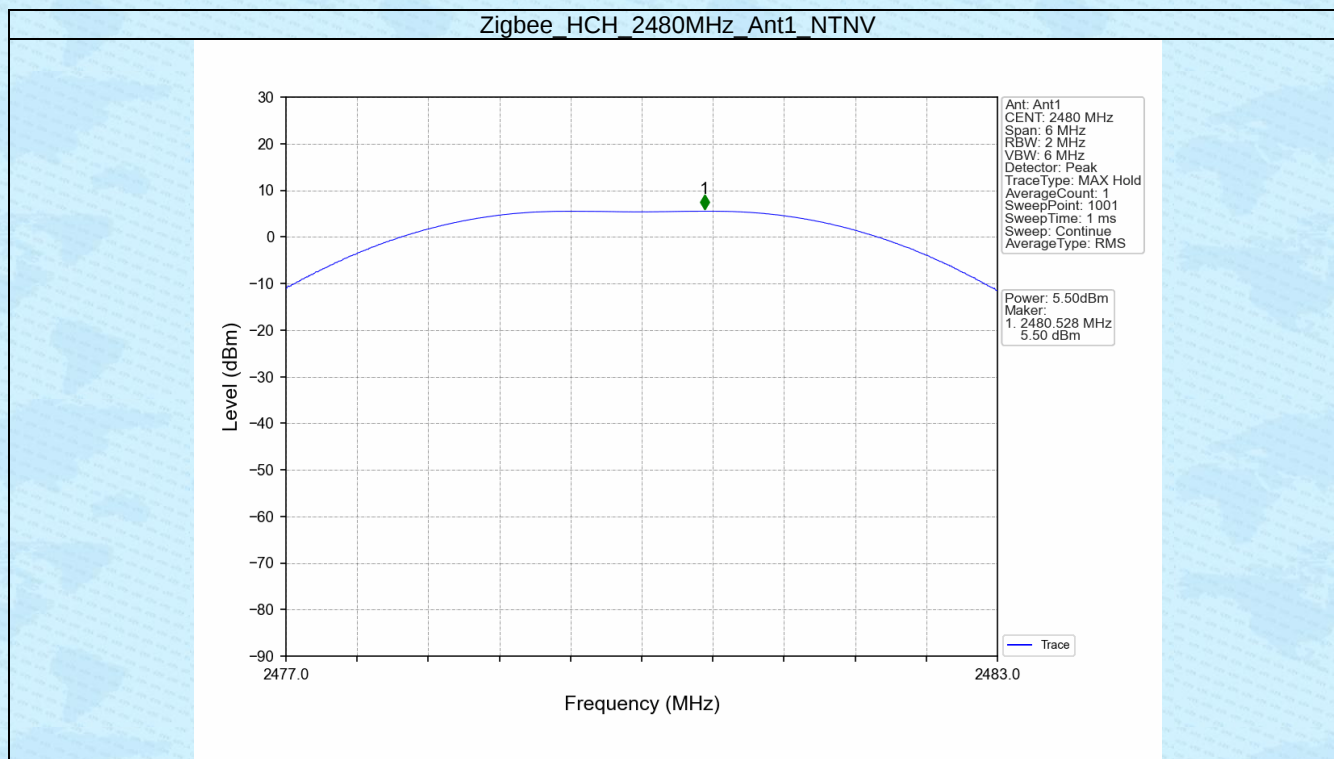
#### 2.1.1 Test Result

| Mode   | TX Type | Frequency (MHz) | Maximum Peak Conducted Output Power (dBm) |       | Verdict |
|--------|---------|-----------------|-------------------------------------------|-------|---------|
|        |         |                 | ANT1                                      | Limit |         |
| Zigbee | SISO    | 2405            | 5.60                                      | <=30  | Pass    |
|        |         | 2440            | 5.68                                      | <=30  | Pass    |
|        |         | 2480            | 5.50                                      | <=30  | Pass    |

Note1: Antenna Gain: Ant1: 1.00dBi;

## 2.1.2 Test Graph





### 3. Maximum Power Spectral Density

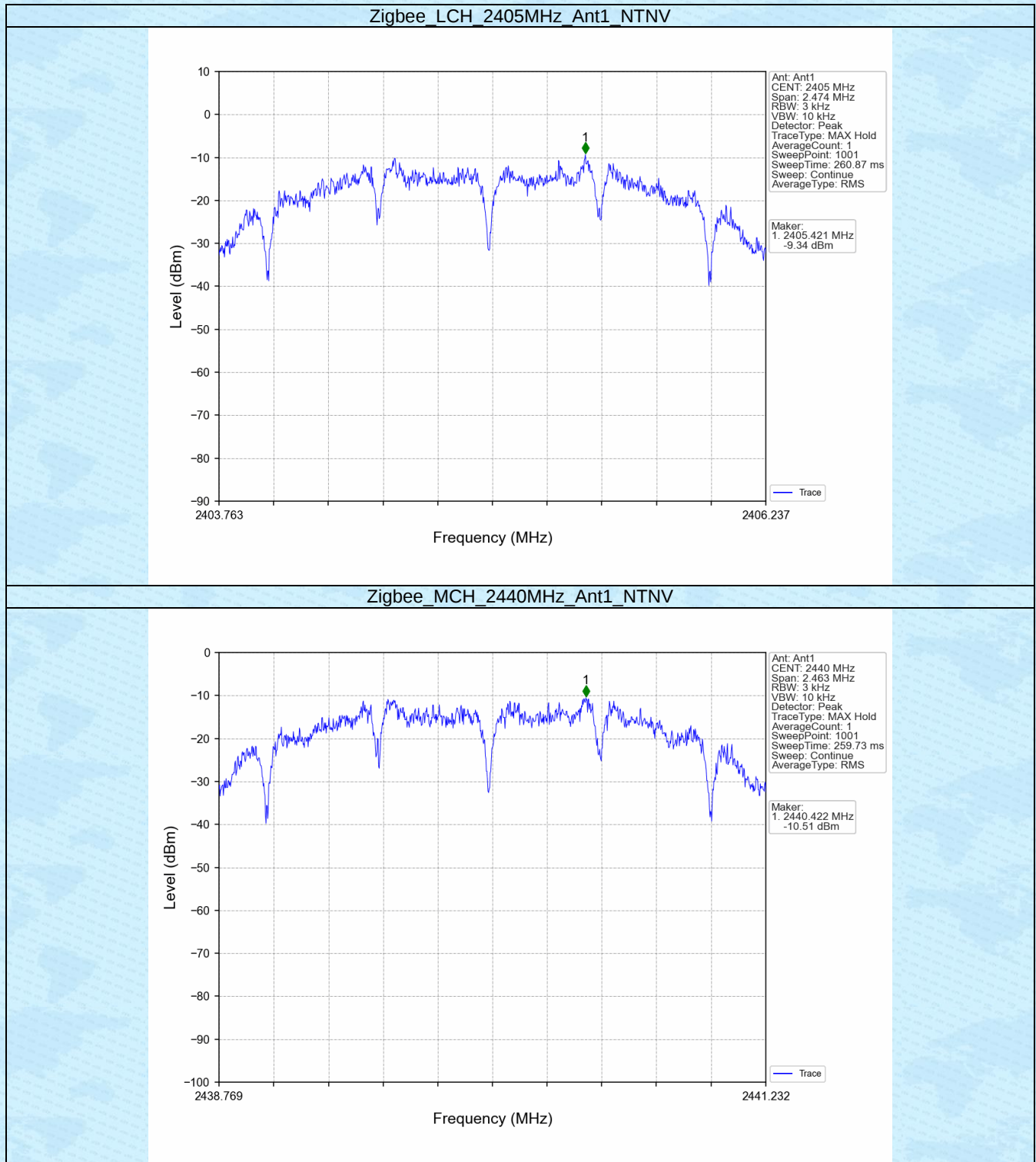
#### 3.1 PSD

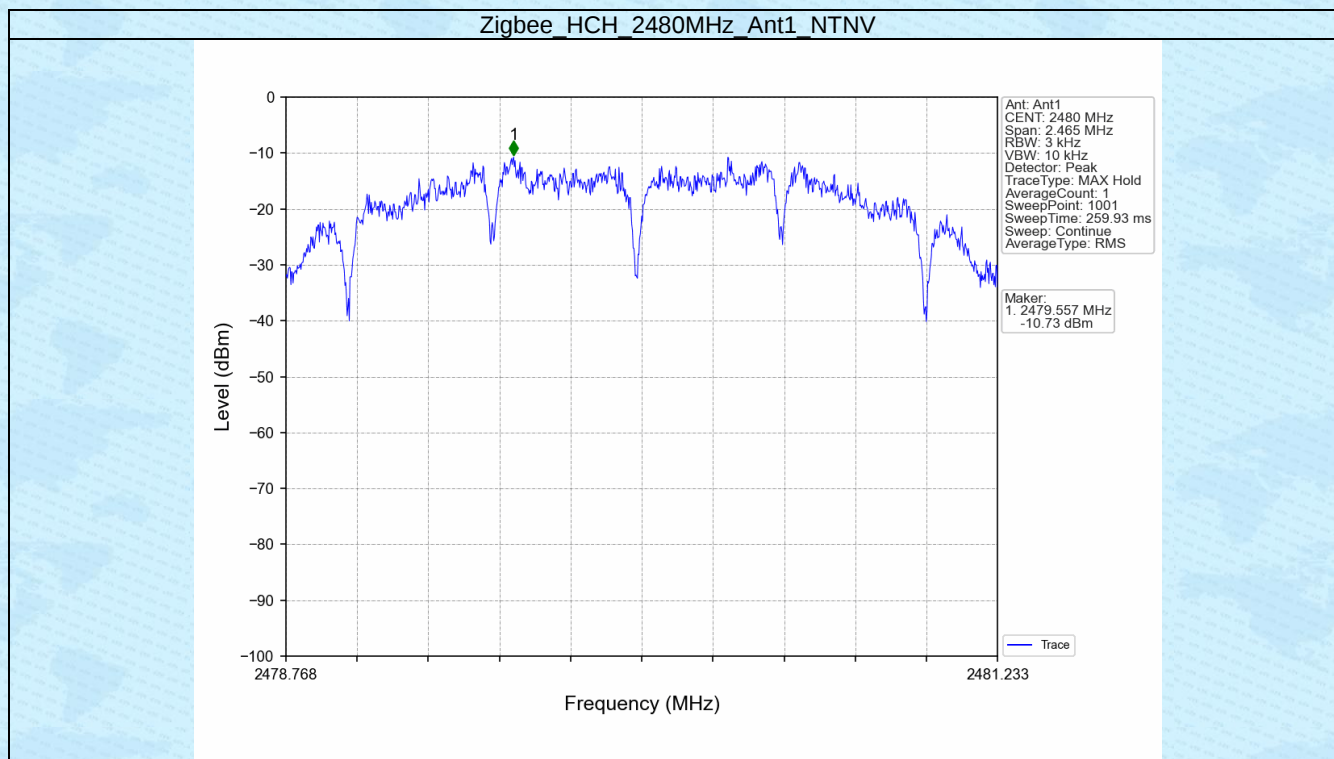
##### 3.1.1 Test Result

| Mode   | TX Type | Frequency (MHz) | Maximum PSD (dBm/3kHz) |       | Verdict |
|--------|---------|-----------------|------------------------|-------|---------|
|        |         |                 | ANT1                   | Limit |         |
| Zigbee | SISO    | 2405            | -9.34                  | <=8   | Pass    |
|        |         | 2440            | -10.51                 | <=8   | Pass    |
|        |         | 2480            | -10.73                 | <=8   | Pass    |

Note1: Antenna Gain: Ant1: 1.00dBi;

## 3.1.2 Test Graph





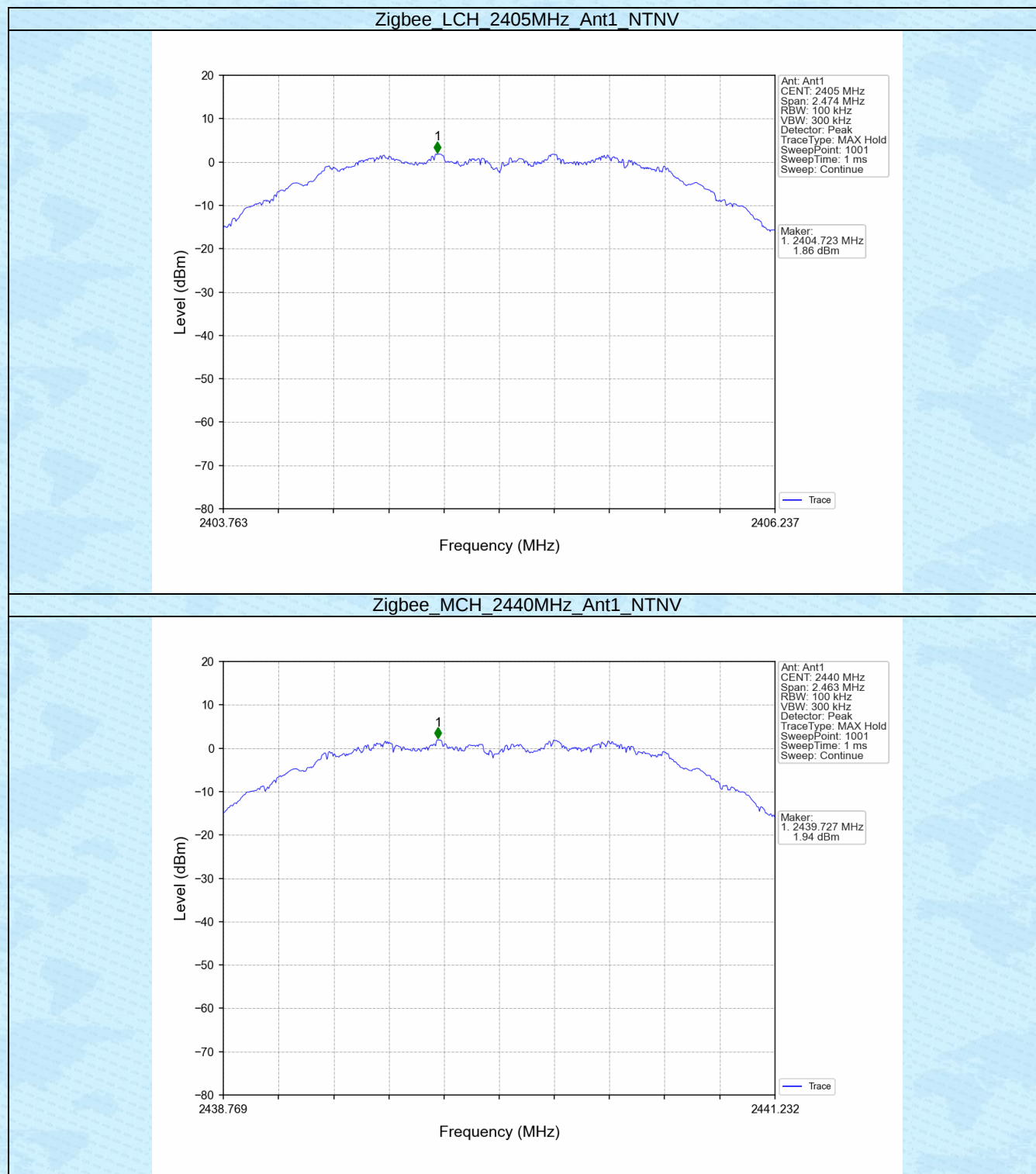
## 4. Unwanted Emissions In Non-restricted Frequency Bands

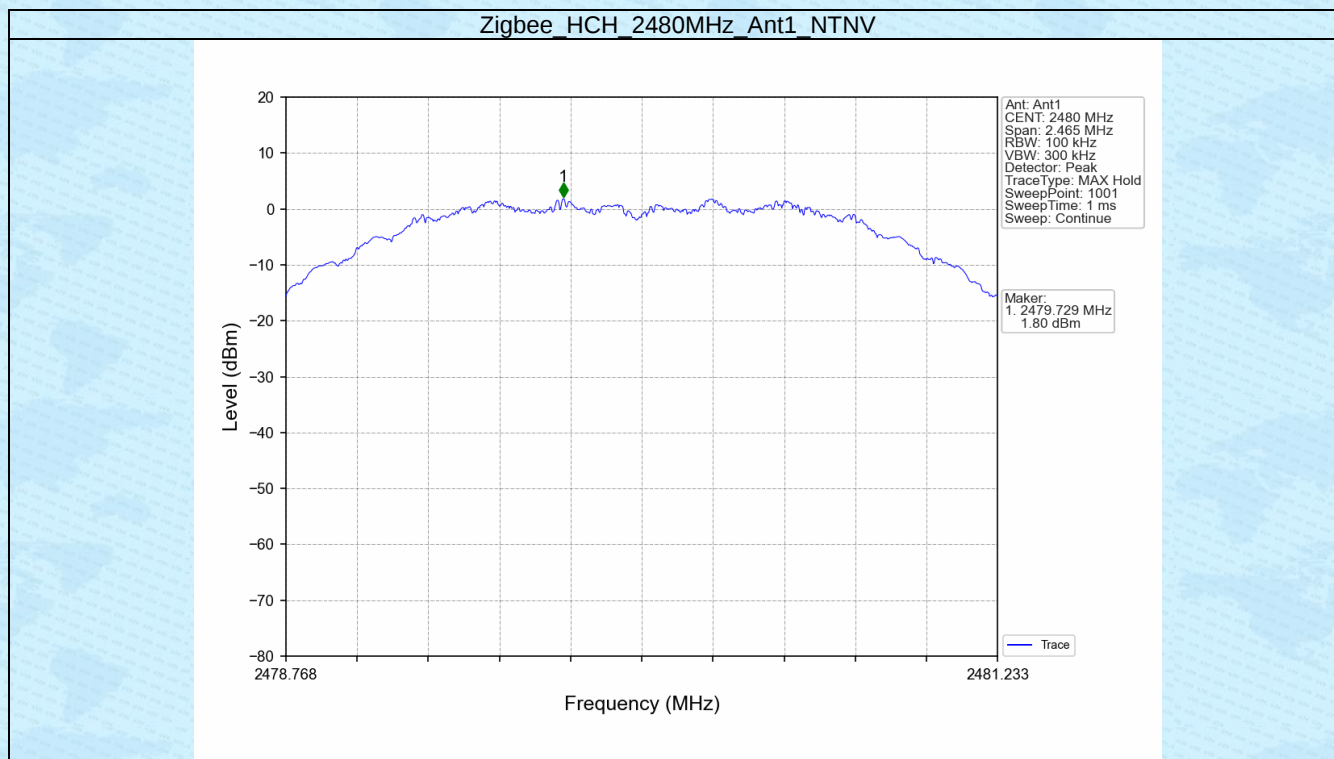
### 4.1 Ref

#### 4.1.1 Test Result

| Mode                                                                                                                                            | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------|-----|--------------------------|
| Zigbee                                                                                                                                          | SISO    | 2405            | 1   | 1.86                     |
|                                                                                                                                                 |         | 2440            | 1   | 1.94                     |
|                                                                                                                                                 |         | 2480            | 1   | 1.80                     |
| 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. |         |                 |     |                          |

## 4.1.2 Test Graph



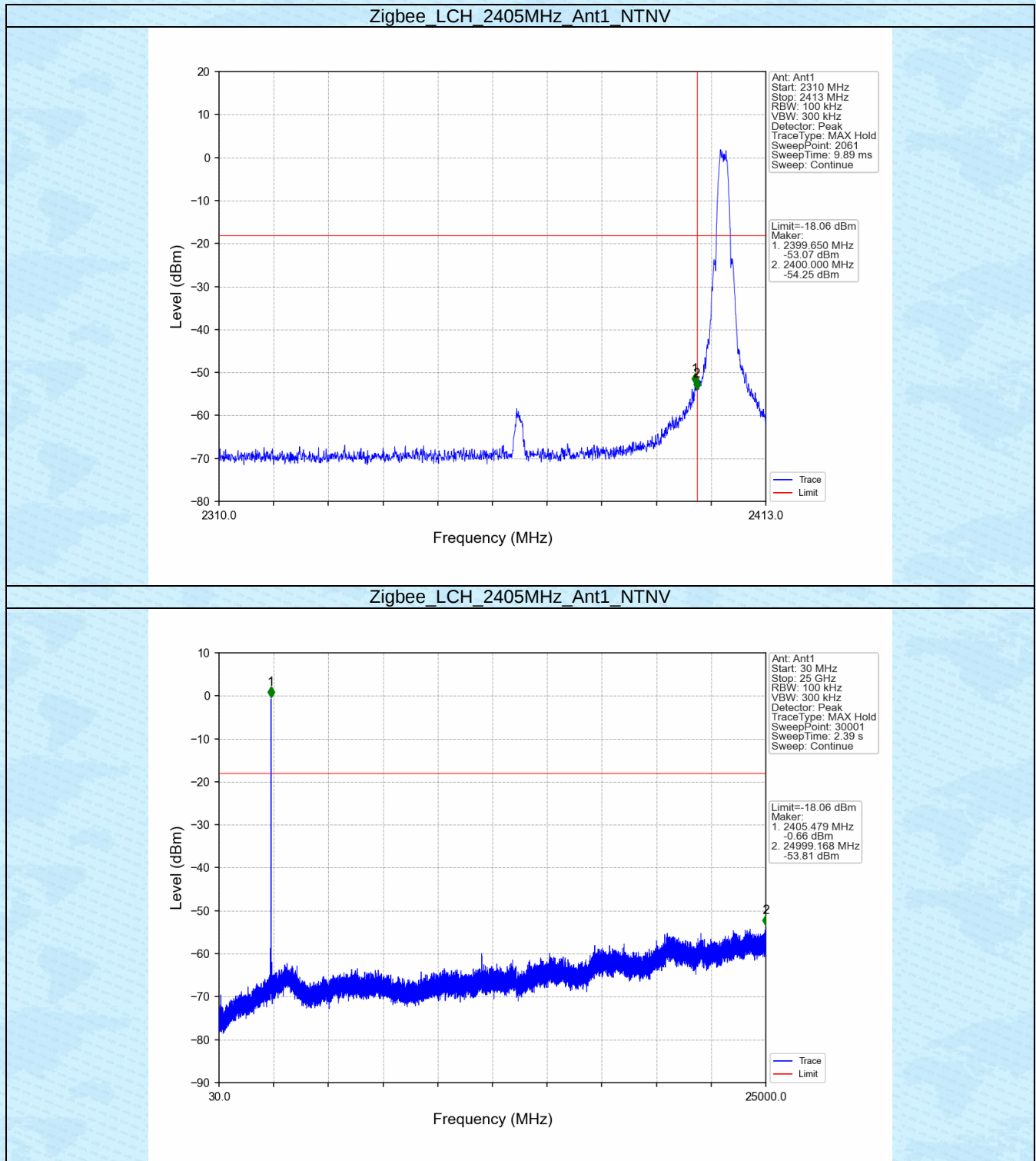


## 4.2 CSE

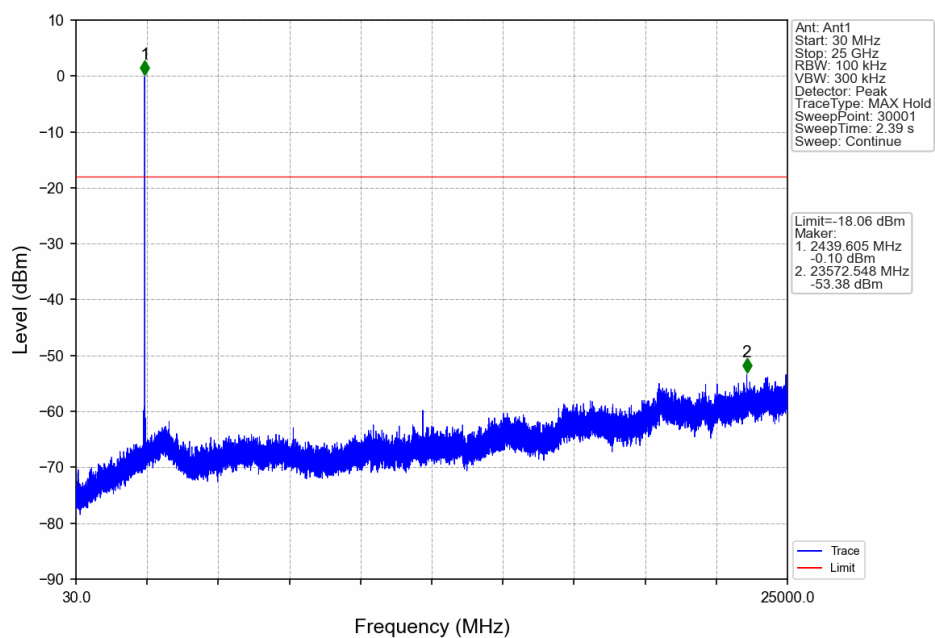
### 4.2.1 Test Result

| Mode                                                                                                                                            | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) | Limit (dBm) | Verdict |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------|-----|--------------------------|-------------|---------|
| Zigbee                                                                                                                                          | SISO    | 2405            | 1   | 1.94                     | -18.06      | Pass    |
|                                                                                                                                                 |         | 2440            | 1   | 1.94                     | -18.06      | Pass    |
|                                                                                                                                                 |         | 2480            | 1   | 1.94                     | -18.06      | 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. |         |                 |     |                          |             |         |

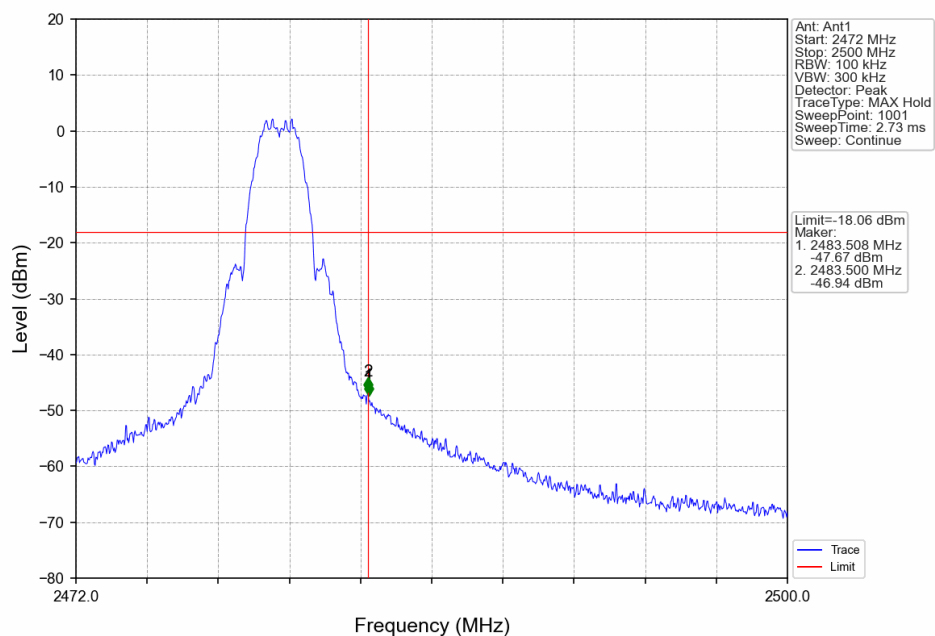
## 4.2.2 Test Graph

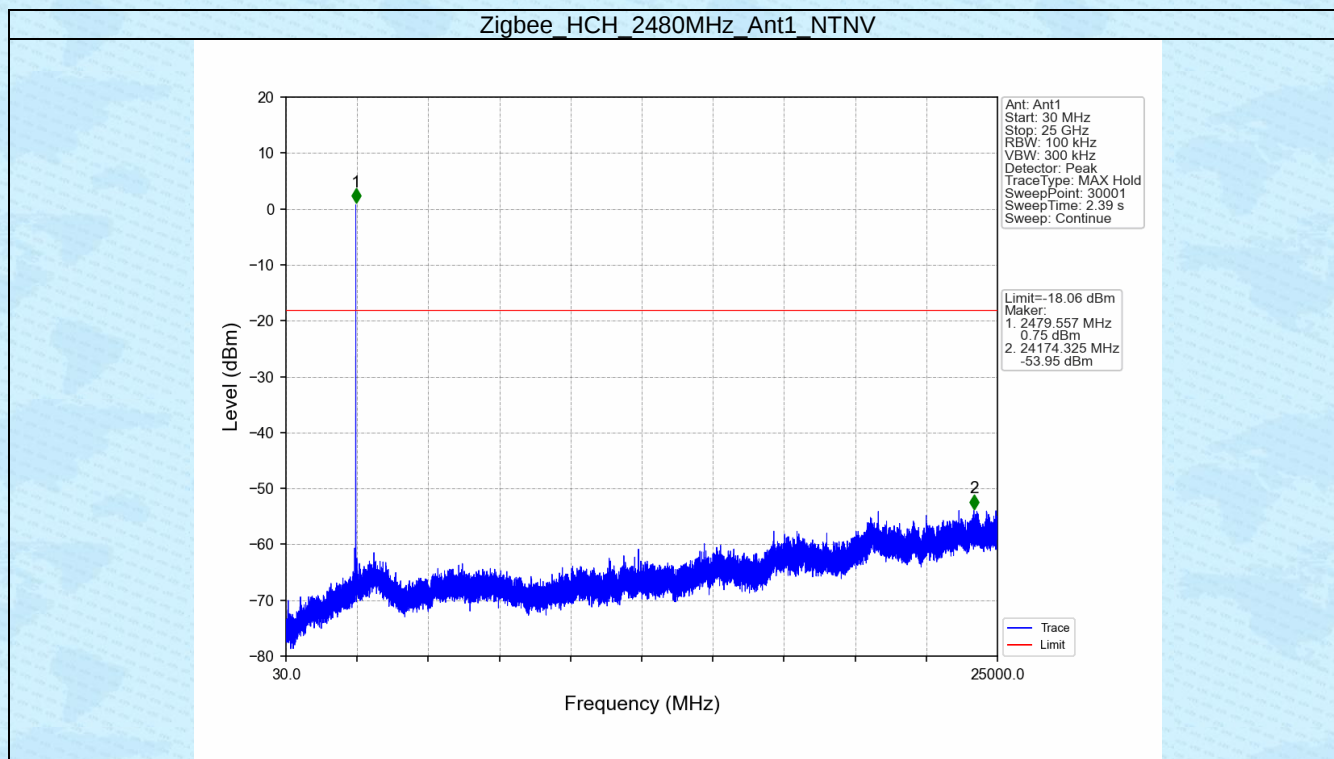


Zigbee\_MCH\_2440MHz\_Ant1\_NTNV



Zigbee\_HCH\_2480MHz\_Ant1\_NTNV





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