

## **FCC Appendix RF Test Data**

**FCC ID** : 2BOX2-M66PRO

**Company:** : Shenzhen Zhuozuan Technology Co., Ltd.

**EUT** : Tablet computer

**Model Number** : M66 Pro

**Report No.** : CTA25032100309

**Reviewed By** : Eric Wang

## Appendix A: 20dB Emission Bandwidth

### Test Result

| TestMode | Antenna | Freq(MHz) | 20dB<br>EBW[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|-----------|------------------|----------|----------|------------|---------|
| DH5      | Ant1    | 2402      | 0.942            | 2401.544 | 2402.486 | ---        | ---     |
|          |         | 2441      | 0.957            | 2440.538 | 2441.495 | ---        | ---     |
|          |         | 2480      | 0.939            | 2479.538 | 2480.477 | ---        | ---     |
| 2DH5     | Ant1    | 2402      | 1.335            | 2401.331 | 2402.666 | ---        | ---     |
|          |         | 2441      | 1.320            | 2440.337 | 2441.657 | ---        | ---     |
|          |         | 2480      | 1.281            | 2479.367 | 2480.648 | ---        | ---     |
| 3DH5     | Ant1    | 2402      | 1.284            | 2401.367 | 2402.651 | ---        | ---     |
|          |         | 2441      | 1.314            | 2440.343 | 2441.657 | ---        | ---     |
|          |         | 2480      | 1.284            | 2479.367 | 2480.651 | ---        | ---     |

## Test Graphs

DH5\_Ant1\_2402



DH5\_Ant1\_2441



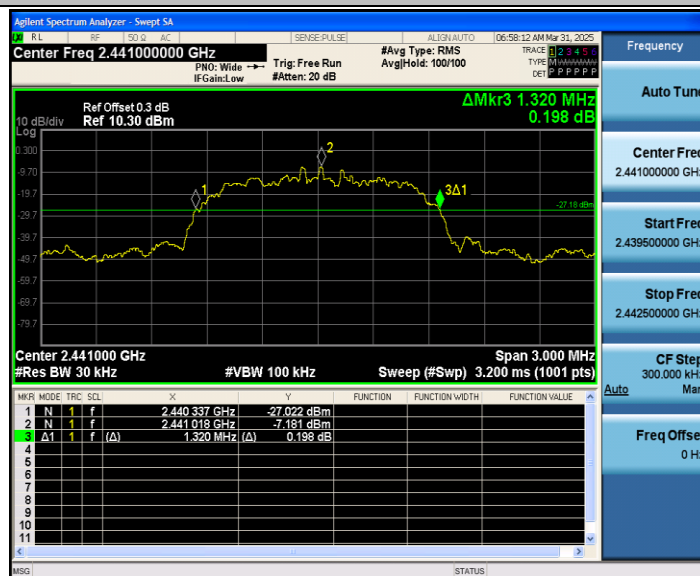
DH5\_Ant1\_2480



2DH5\_Ant1\_2402



2DH5\_Ant1\_2441



## 2DH5\_Ant1\_2480



## 3DH5\_Ant1\_2402



## 3DH5\_Ant1\_2441



3DH5\_Ant1\_2480

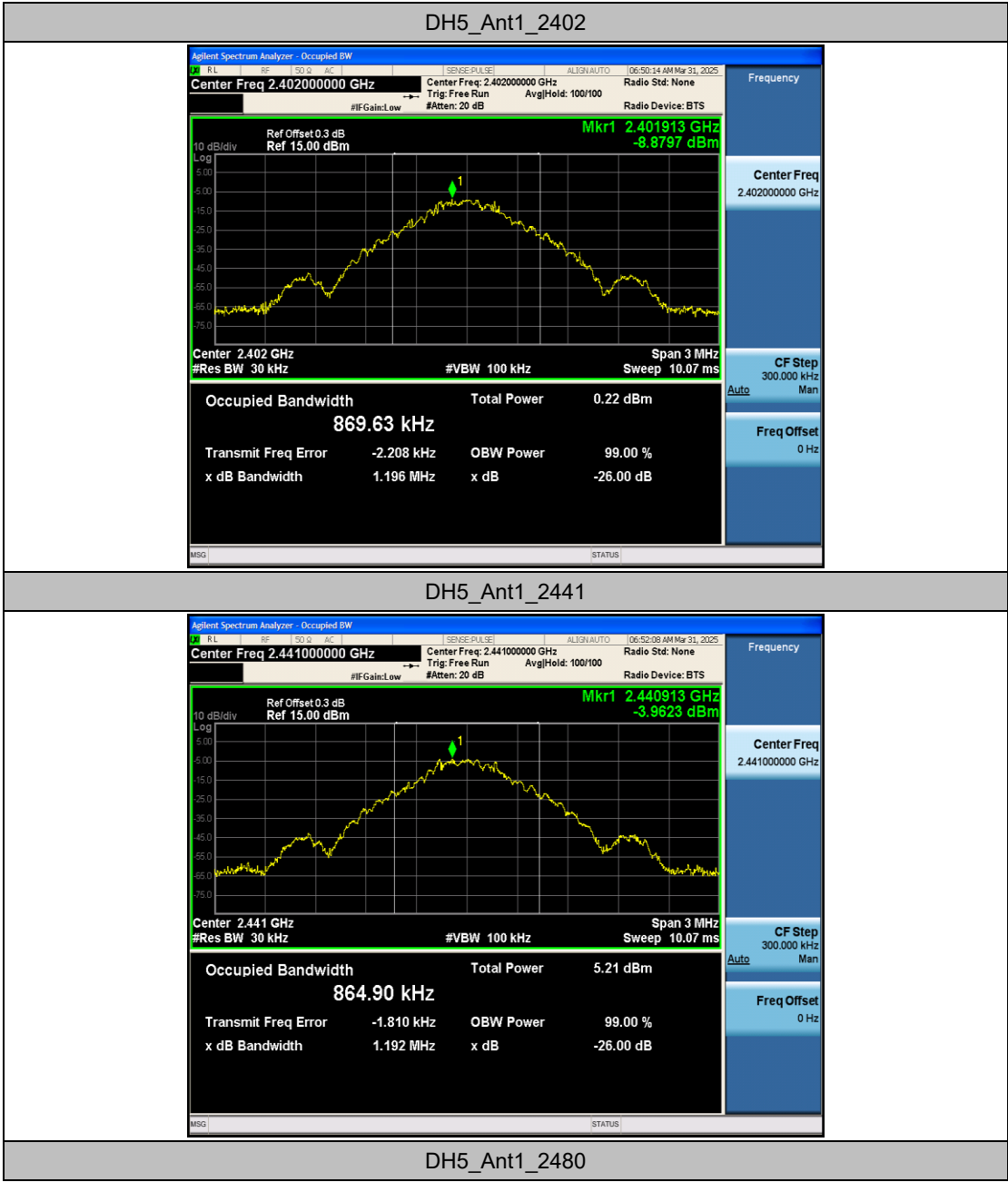


## Appendix B: Occupied Channel Bandwidth

### Test Result

| TestMode | Antenna | Freq(MHz) | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|----------|---------|-----------|-----------|-----------|-----------|------------|---------|
| DH5      | Ant1    | 2402      | 0.86963   | 2401.5630 | 2402.4326 | ---        | ---     |
|          |         | 2441      | 0.86490   | 2440.5657 | 2441.4306 | ---        | ---     |
|          |         | 2480      | 0.86949   | 2479.5668 | 2480.4363 | ---        | ---     |
| 2DH5     | Ant1    | 2402      | 1.1894    | 2401.4065 | 2402.5959 | ---        | ---     |
|          |         | 2441      | 1.1854    | 2440.4070 | 2441.5924 | ---        | ---     |
|          |         | 2480      | 1.1933    | 2479.4046 | 2480.5979 | ---        | ---     |
| 3DH5     | Ant1    | 2402      | 1.1867    | 2401.4072 | 2402.5939 | ---        | ---     |
|          |         | 2441      | 1.1847    | 2440.4069 | 2441.5916 | ---        | ---     |
|          |         | 2480      | 1.1910    | 2479.4059 | 2480.5969 | ---        | ---     |

Test Graphs





2DH5\_Ant1\_2402



2DH5\_Ant1\_2441



### 2DH5\_Ant1\_2480



### 3DH5\_Ant1\_2402



### 3DH5\_Ant1\_2441



3DH5\_Ant1\_2480



## Appendix C: Maximum conducted output power

### Test Result Peak

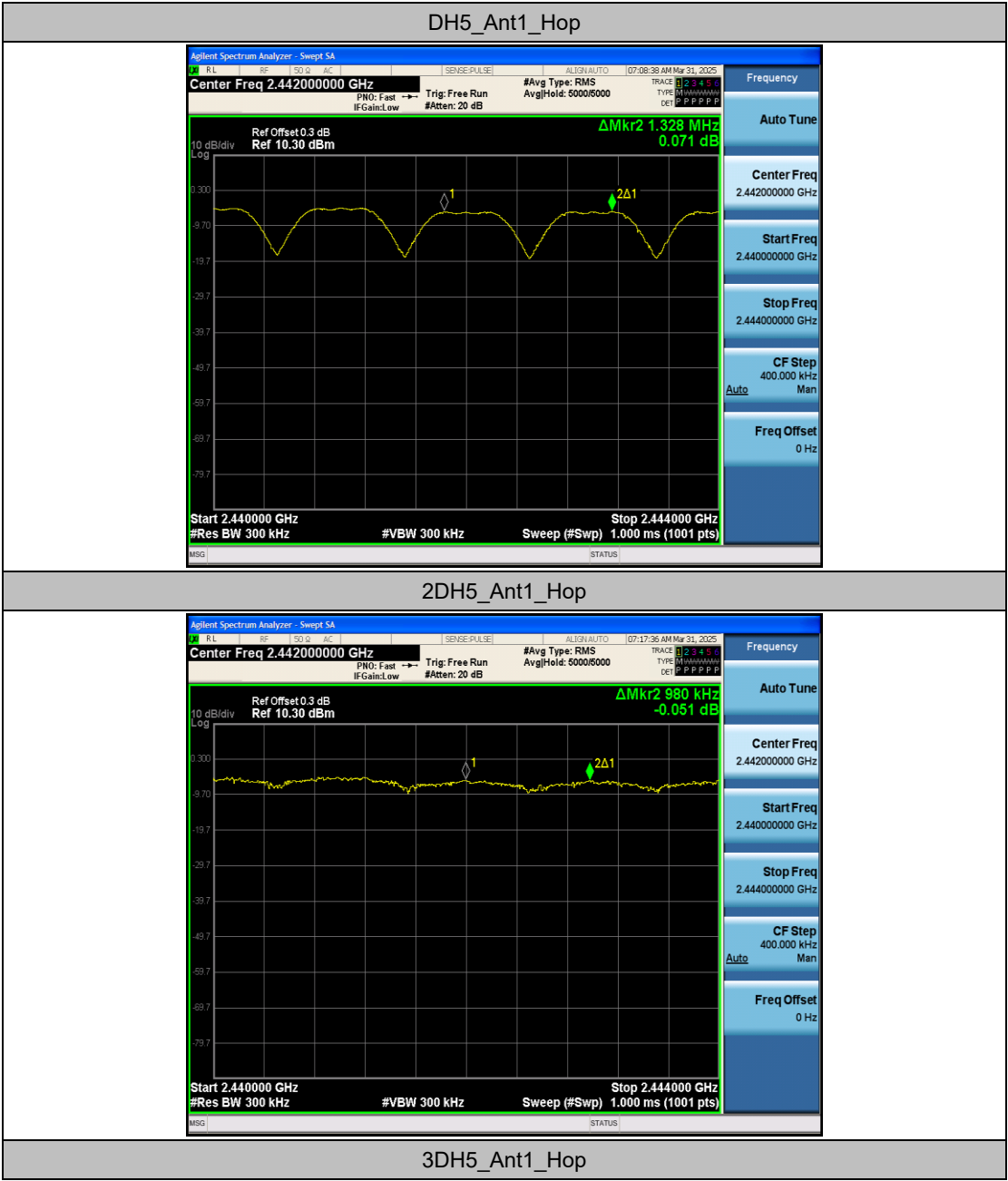
| Test Mode | Antenna | Freq(MHz) | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|-----------|---------|-----------|---------------------------|----------------------|---------|
| DH5       | Ant1    | 2402      | -2.30                     | ≤20.97               | PASS    |
|           |         | 2441      | -1.18                     | ≤20.97               | PASS    |
|           |         | 2480      | -0.85                     | ≤20.97               | PASS    |
| 2DH5      | Ant1    | 2402      | -3.09                     | ≤20.97               | PASS    |
|           |         | 2441      | -1.84                     | ≤20.97               | PASS    |
|           |         | 2480      | -1.61                     | ≤20.97               | PASS    |
| 3DH5      | Ant1    | 2402      | -3.03                     | ≤20.97               | PASS    |
|           |         | 2441      | -1.95                     | ≤20.97               | PASS    |
|           |         | 2480      | -1.52                     | ≤20.97               | PASS    |

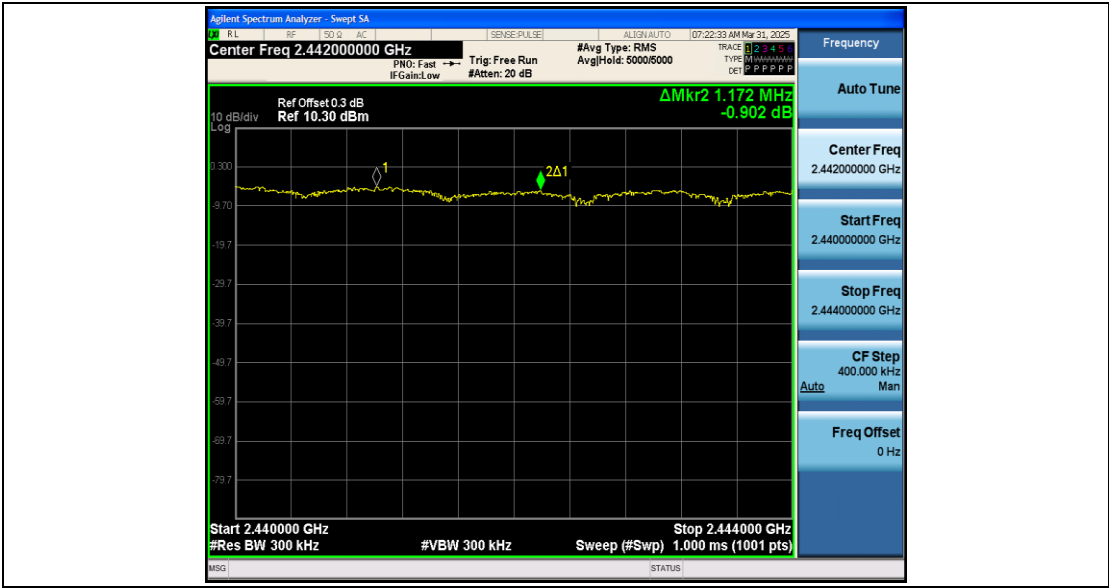
## Appendix D: Carrier frequency separation

### Test Result

| TestMode | Antenna | Freq(MHz) | Result[MHz] | Limit[MHz]   | Verdict |
|----------|---------|-----------|-------------|--------------|---------|
| DH5      | Ant1    | Hop       | 1.328       | $\geq 0.957$ | PASS    |
| 2DH5     | Ant1    | Hop       | 0.98        | $\geq 0.890$ | PASS    |
| 3DH5     | Ant1    | Hop       | 1.172       | $\geq 0.876$ | PASS    |

Test Graphs



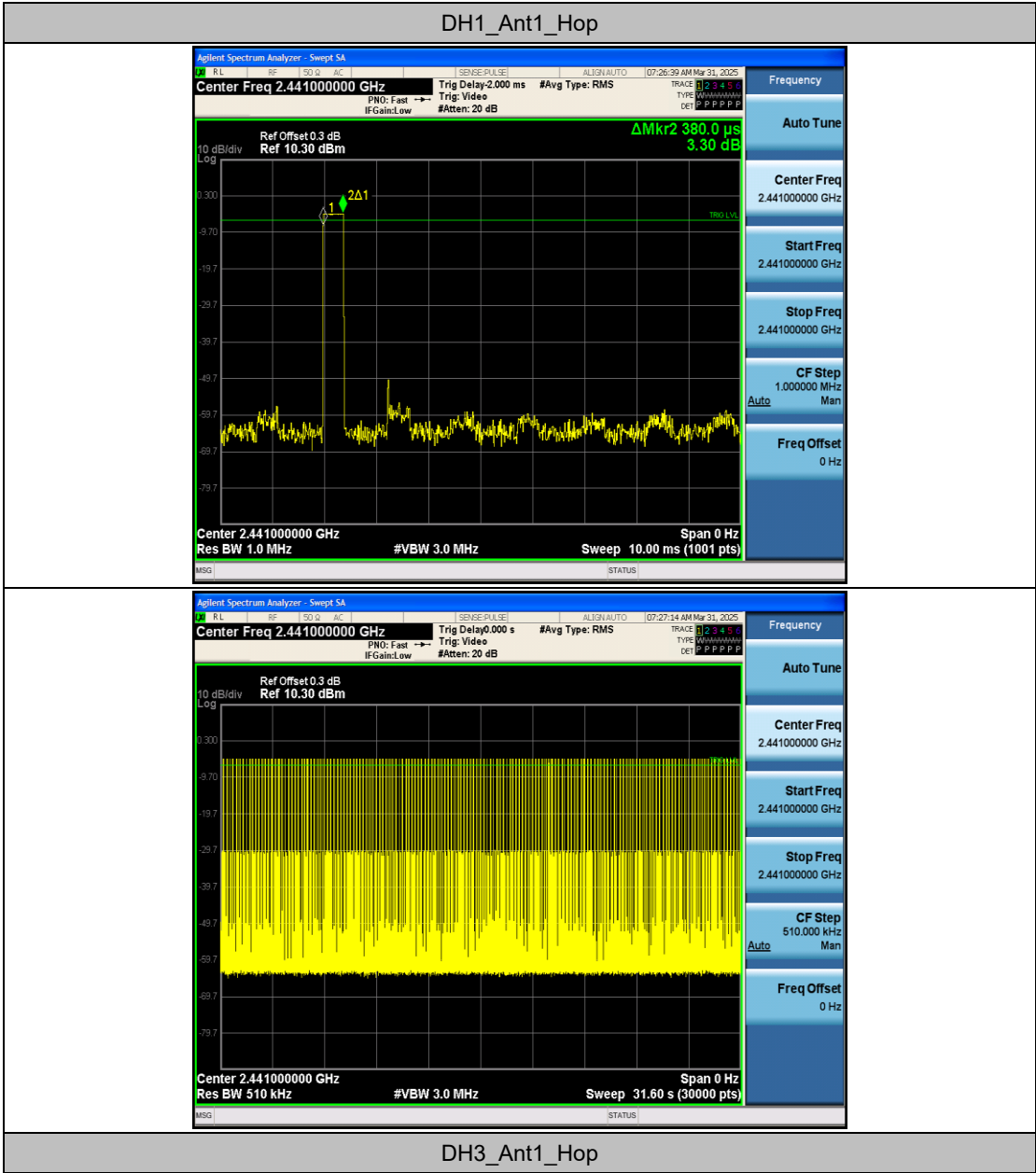


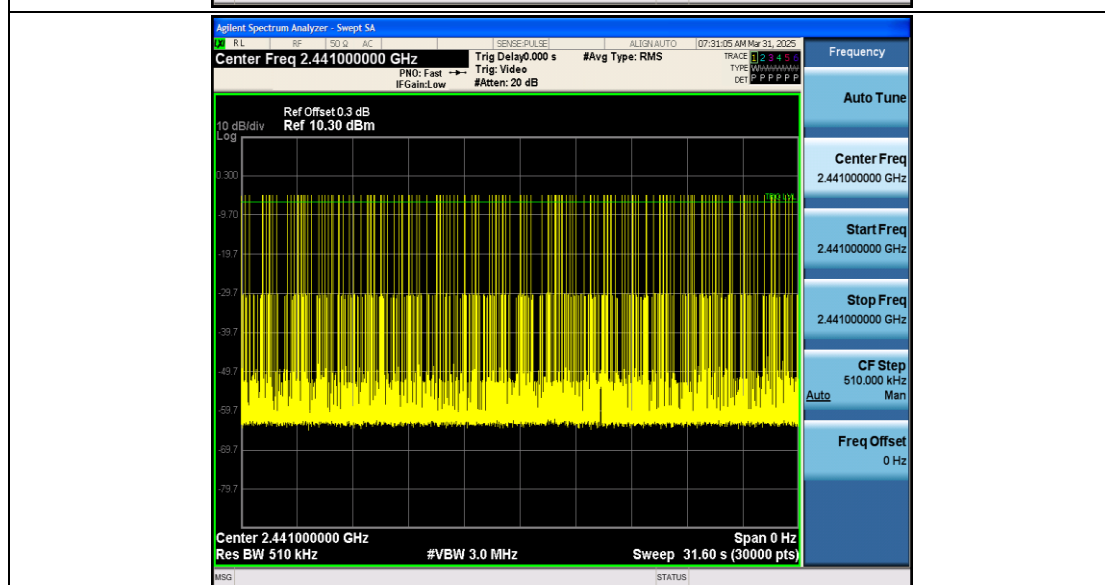
## Appendix E: Time of occupancy

### Test Result

| TestMode | Antenna | Freq(MHz) | BurstWidth<br>[ms] | TotalHops<br>[Num] | Result[s] | Limit[s] | Verdict |
|----------|---------|-----------|--------------------|--------------------|-----------|----------|---------|
| DH1      | Ant1    | Hop       | 0.380              | 319                | 0.121     | ≤0.4     | PASS    |
| DH3      | Ant1    | Hop       | 1.640              | 154                | 0.253     | ≤0.4     | PASS    |
| DH5      | Ant1    | Hop       | 2.890              | 118                | 0.341     | ≤0.4     | PASS    |
| 2DH1     | Ant1    | Hop       | 0.380              | 319                | 0.121     | ≤0.4     | PASS    |
| 2DH3     | Ant1    | Hop       | 1.640              | 164                | 0.269     | ≤0.4     | PASS    |
| 2DH5     | Ant1    | Hop       | 2.890              | 101                | 0.292     | ≤0.4     | PASS    |
| 3DH1     | Ant1    | Hop       | 0.390              | 317                | 0.124     | ≤0.4     | PASS    |
| 3DH3     | Ant1    | Hop       | 1.640              | 161                | 0.264     | ≤0.4     | PASS    |
| 3DH5     | Ant1    | Hop       | 2.900              | 116                | 0.336     | ≤0.4     | PASS    |

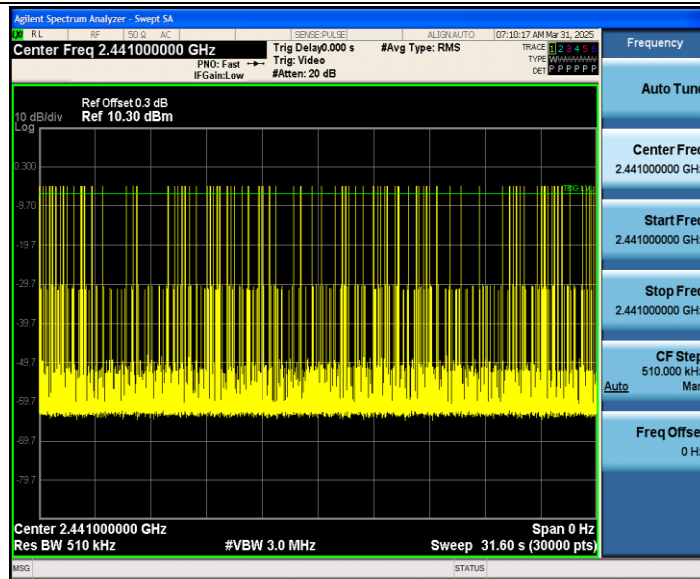
Test Graphs



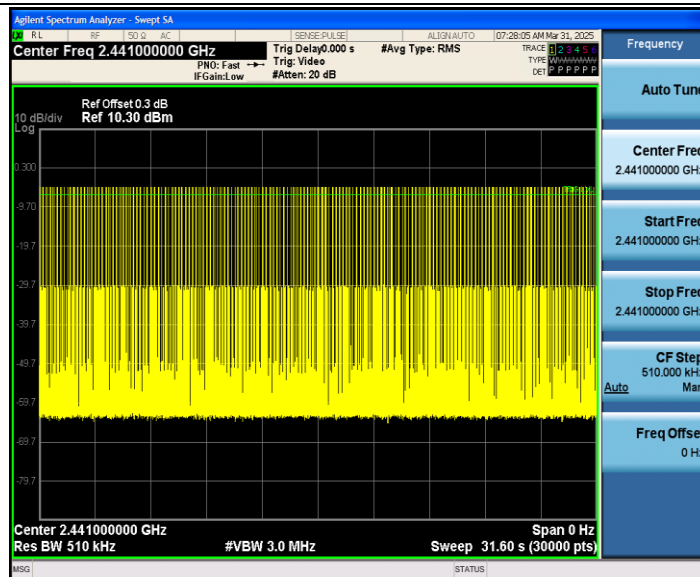
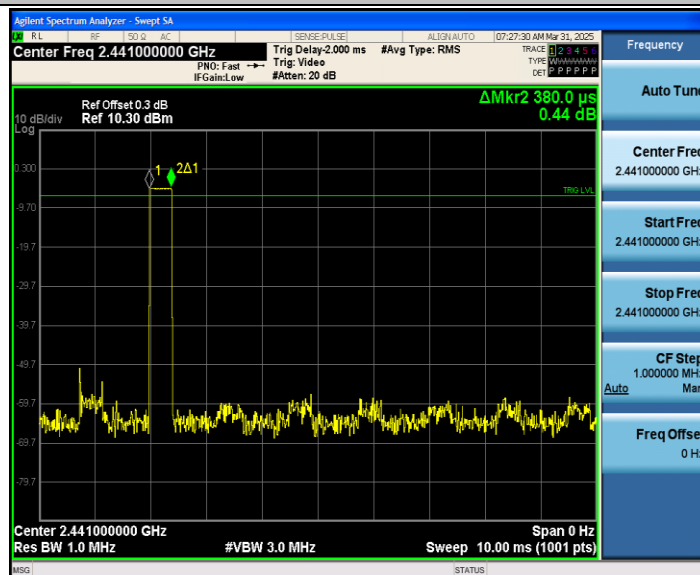


DH5\_Ant1\_Hop

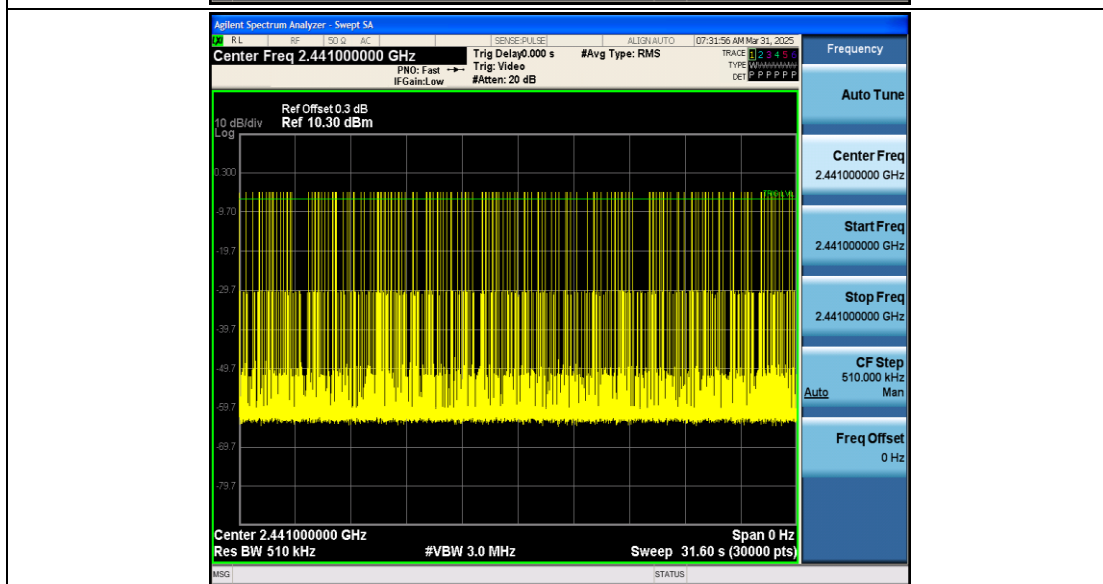




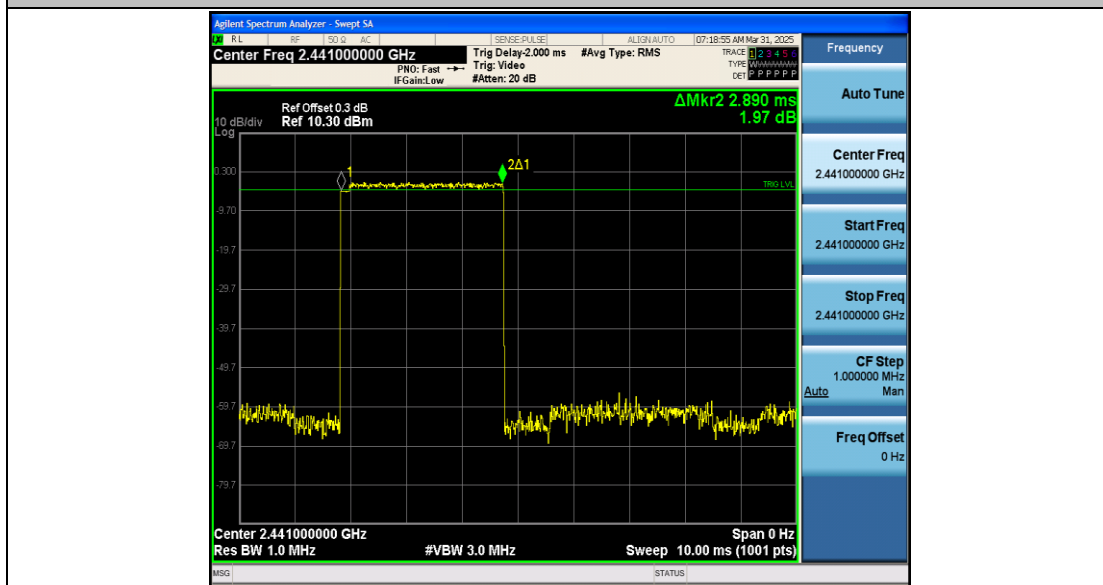
2DH1\_Ant1\_Hop



2DH3\_Ant1\_Hop

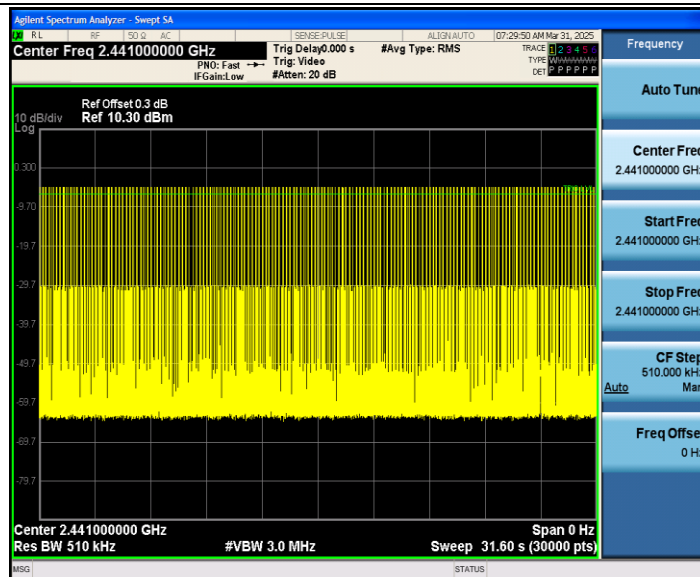
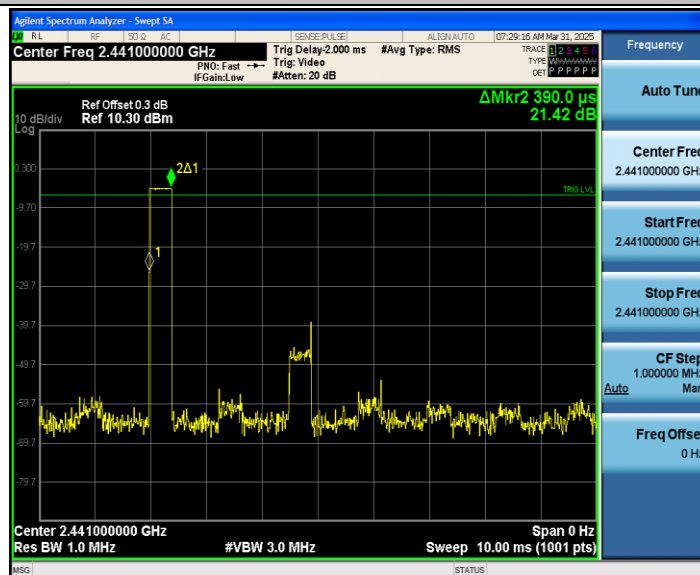


2DH5\_Ant1\_Hop

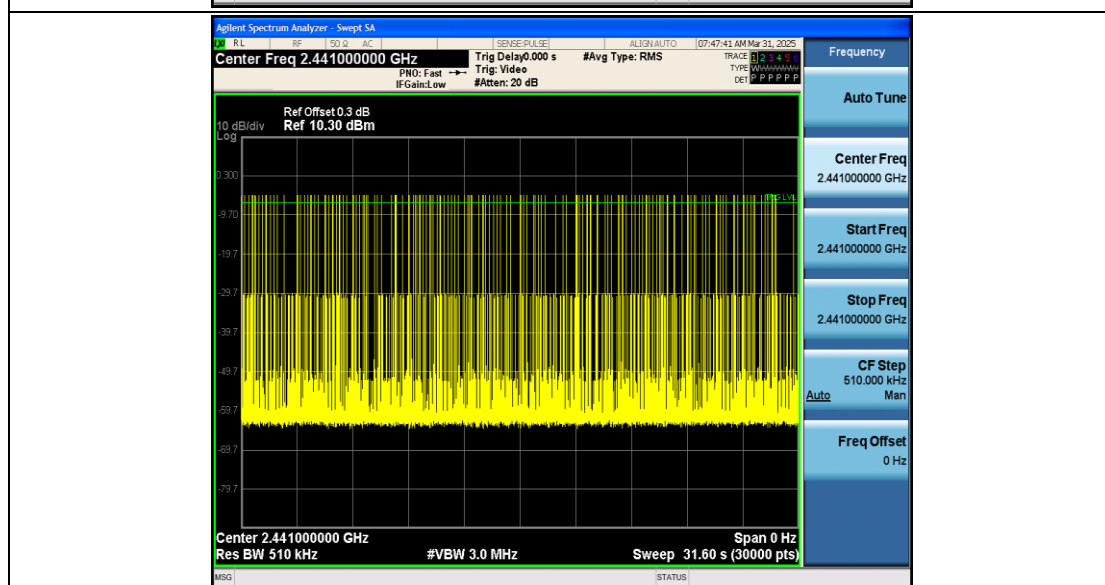




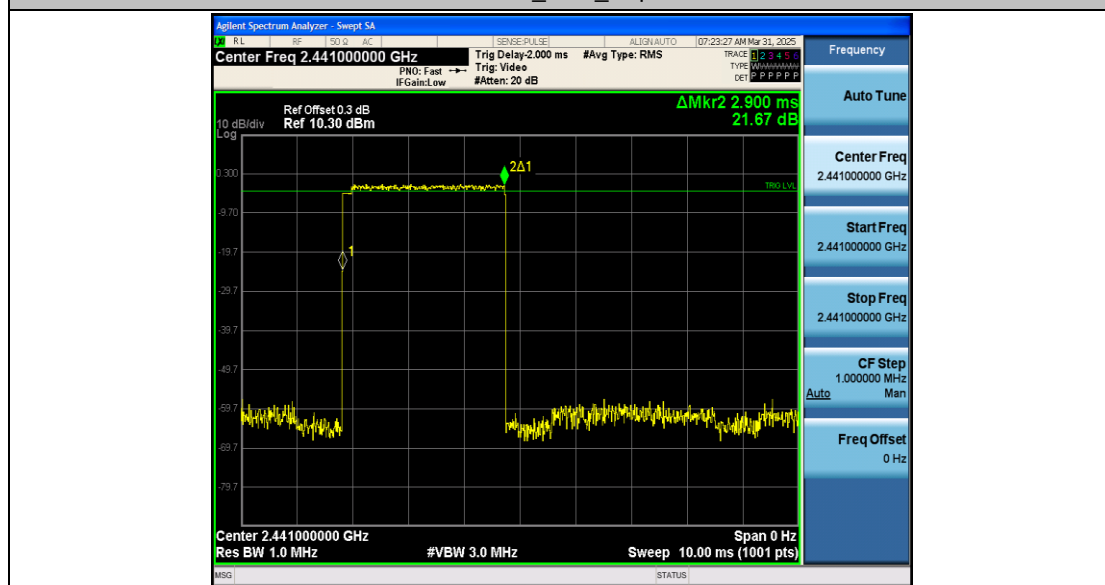
3DH1\_Ant1\_Hop

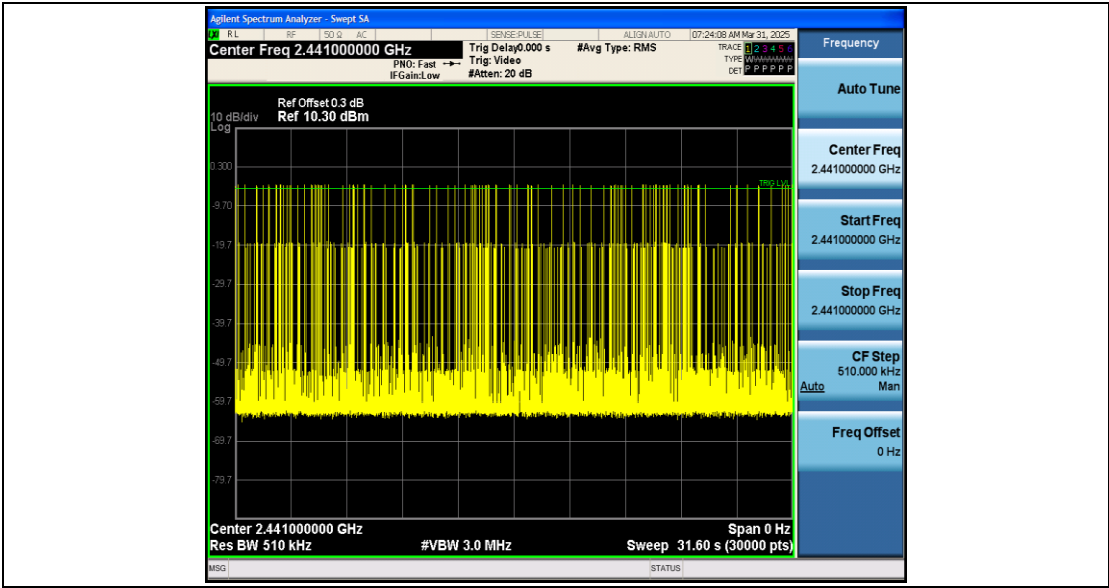


3DH3\_Ant1\_Hop



3DH5\_Ant1\_Hop



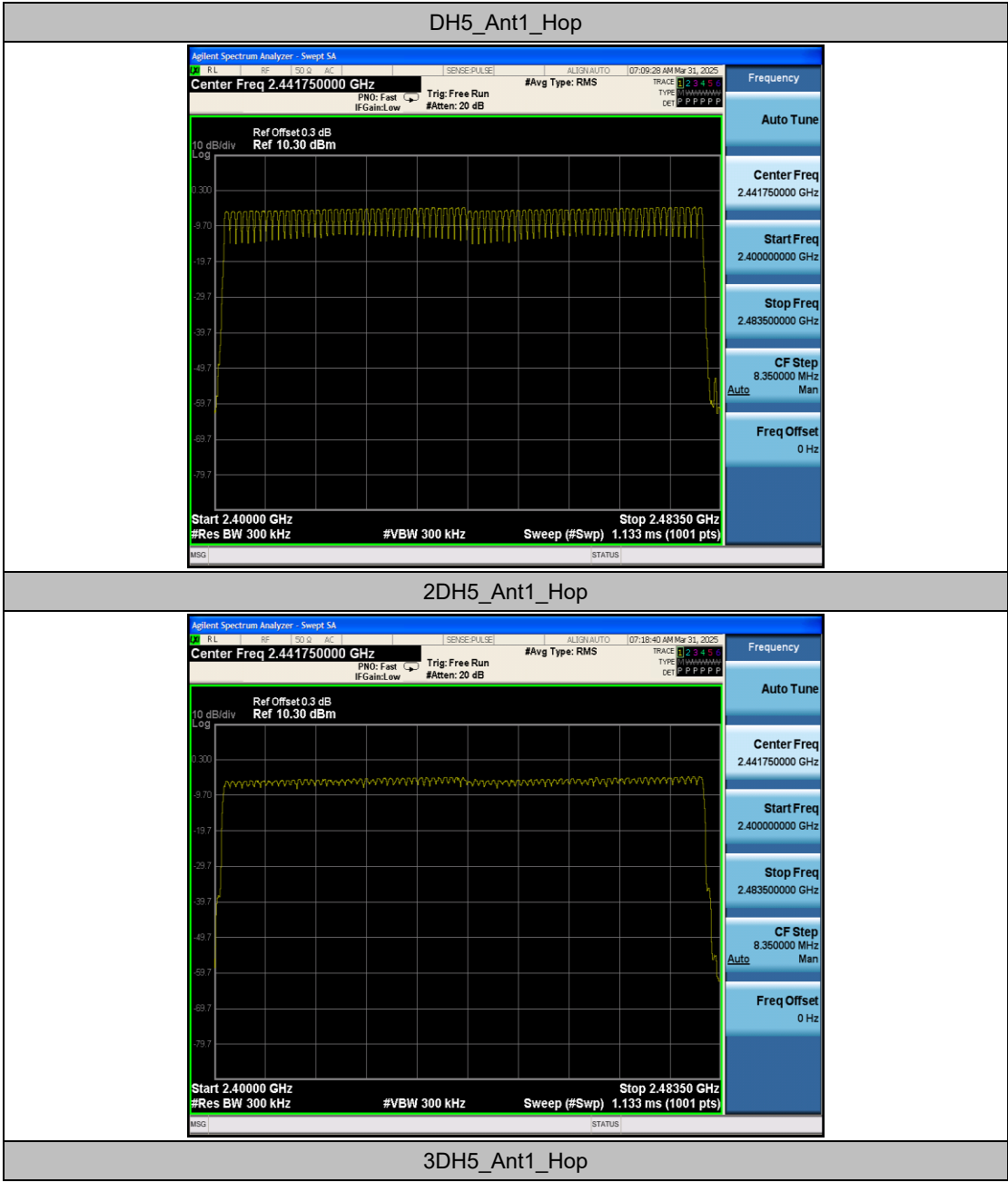


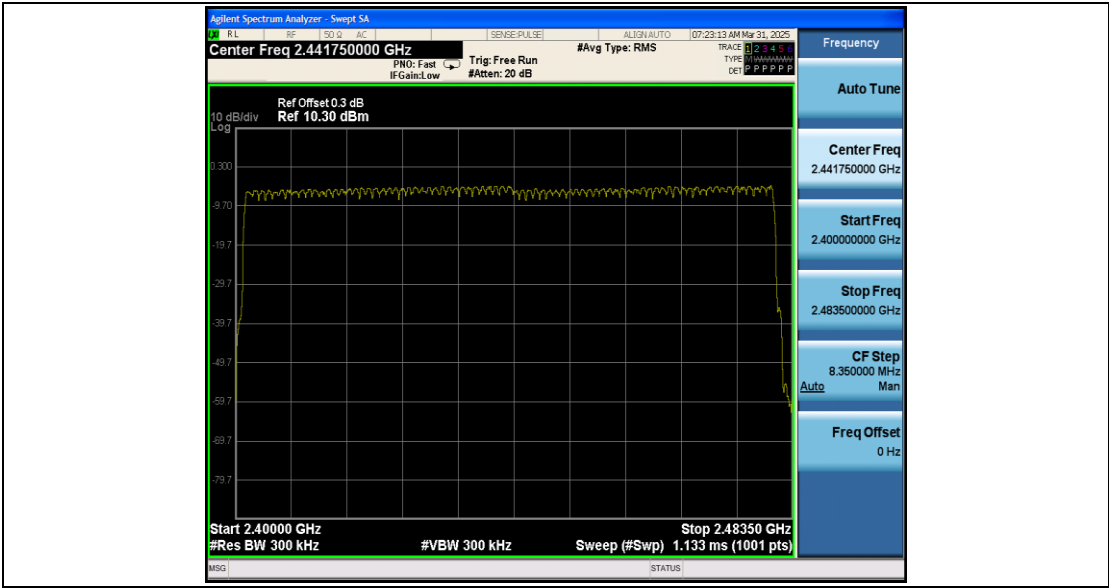
## Appendix F: Number of hopping channels

### Test Result

| TestMode | Antenna | Freq(MHz) | Result[Num] | Limit[Num] | Verdict |
|----------|---------|-----------|-------------|------------|---------|
| DH5      | Ant1    | Hop       | 79          | ≥15        | PASS    |
| 2DH5     | Ant1    | Hop       | 79          | ≥15        | PASS    |
| 3DH5     | Ant1    | Hop       | 79          | ≥15        | PASS    |

Test Graphs



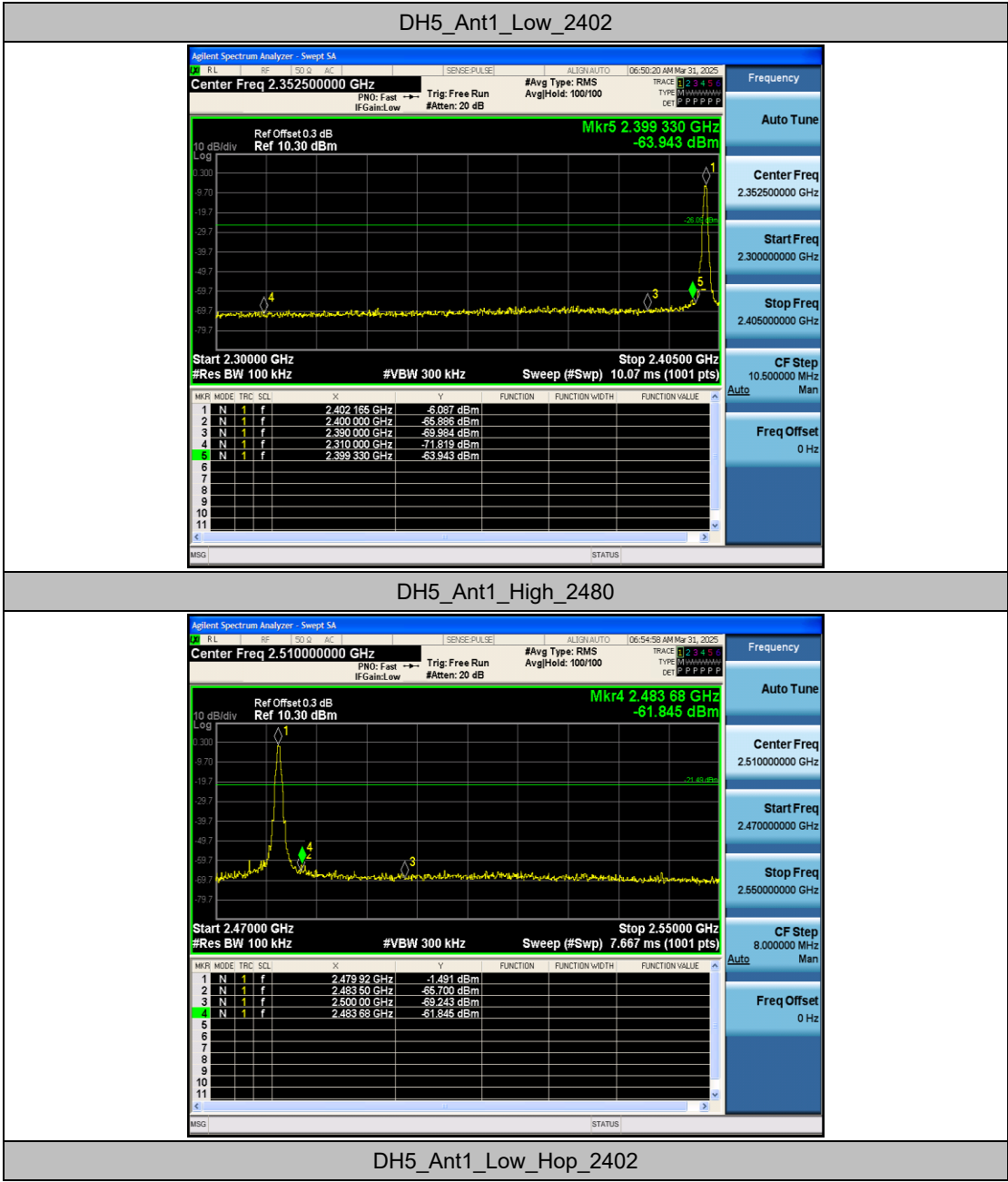


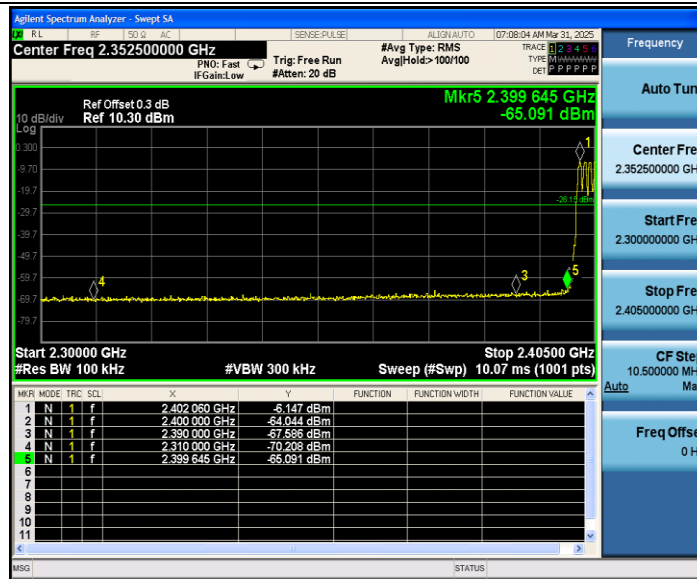
## Appendix G: Band edge measurements

### Test Result

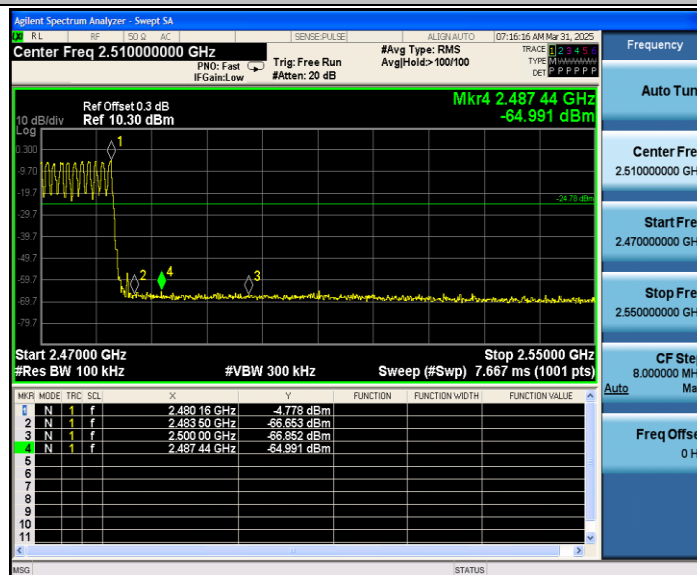
| TestMode | Antenna | ChName | Freq(MHz) | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|----------|---------|--------|-----------|-------------------|-----------------|----------------|---------|
| DH5      | Ant1    | Low    | 2402      | -6.09             | -63.94          | ≤-26.09        | PASS    |
|          |         | High   | 2480      | -1.49             | -61.85          | ≤-21.49        | PASS    |
|          |         | Low    | Hop_2402  | -6.15             | -65.09          | ≤-26.15        | PASS    |
|          |         | High   | Hop_2480  | -4.78             | -64.99          | ≤-24.78        | PASS    |
| 2DH5     | Ant1    | Low    | 2402      | -6.16             | -58.74          | ≤-26.16        | PASS    |
|          |         | High   | 2480      | -5.32             | -57.01          | ≤-25.32        | PASS    |
|          |         | Low    | Hop_2402  | -8.68             | -62.73          | ≤-28.68        | PASS    |
|          |         | High   | Hop_2480  | -4.76             | -64.75          | ≤-24.76        | PASS    |
| 3DH5     | Ant1    | Low    | 2402      | -6.00             | -59.95          | ≤-26           | PASS    |
|          |         | High   | 2480      | -5.40             | -64.43          | ≤-25.4         | PASS    |
|          |         | Low    | Hop_2402  | -6.00             | -60.48          | ≤-26           | PASS    |
|          |         | High   | Hop_2480  | -6.48             | -57.24          | ≤-26.48        | PASS    |

# Test Graphs

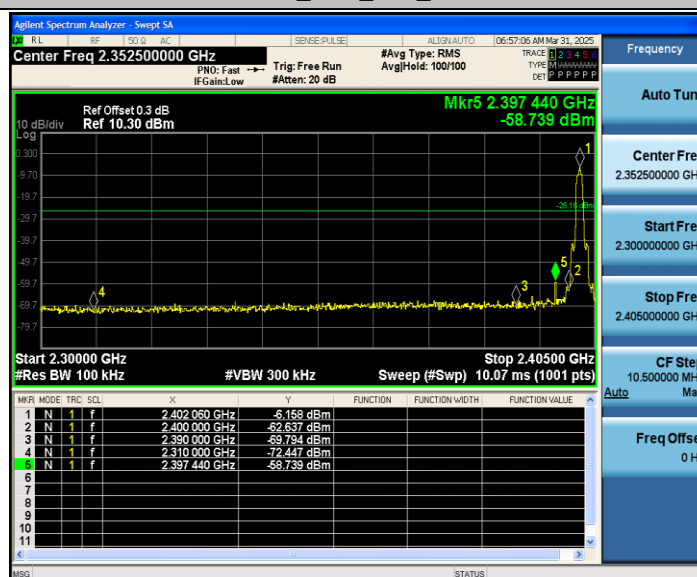




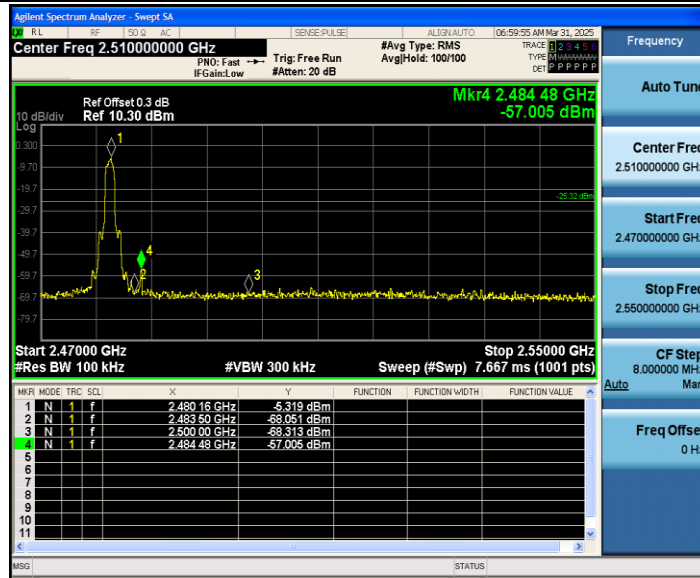
DH5\_Ant1\_High\_Hop\_2480



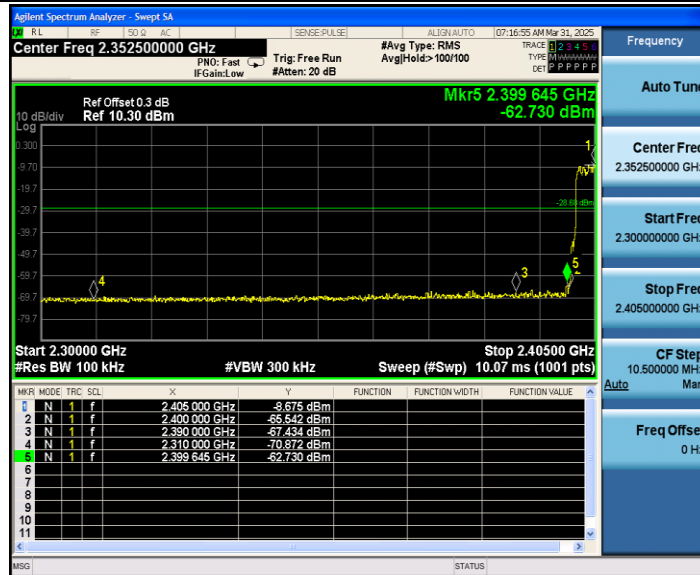
2DH5\_Ant1\_Low\_2402



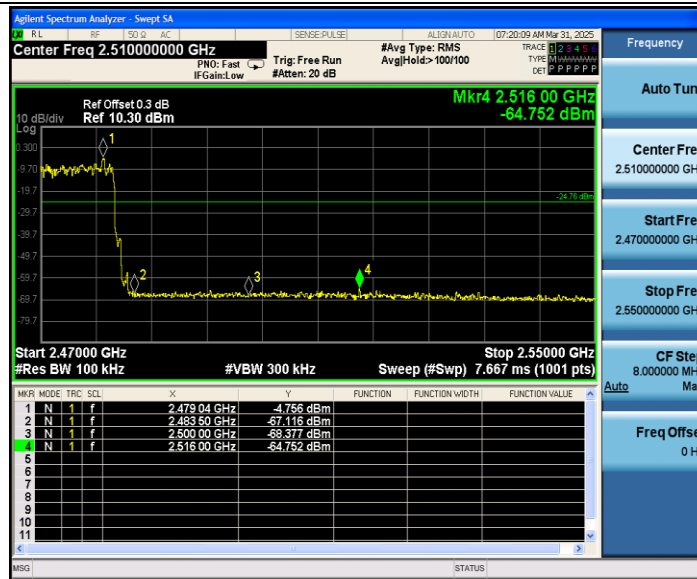
## 2DH5\_Ant1\_High\_2480



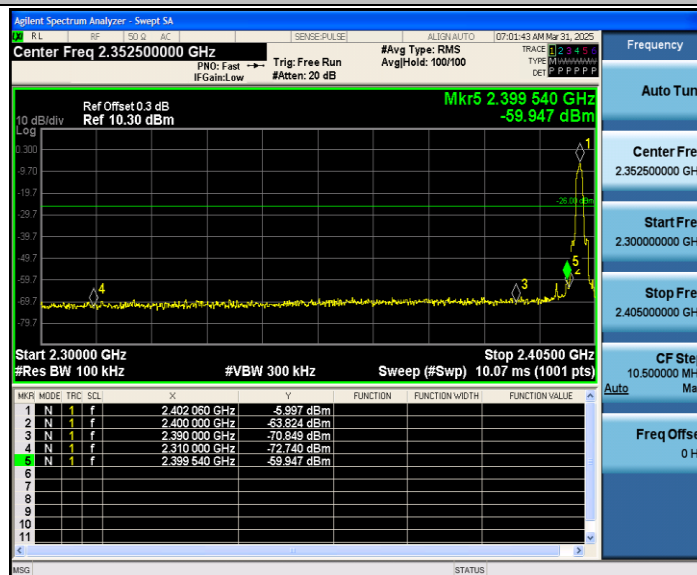
## 2DH5\_Ant1\_Low\_Hop\_2402



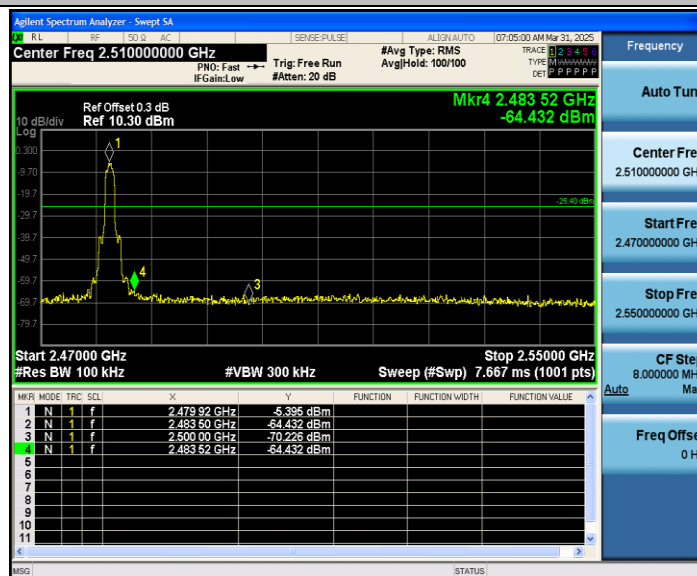
## 2DH5\_Ant1\_High\_Hop\_2480



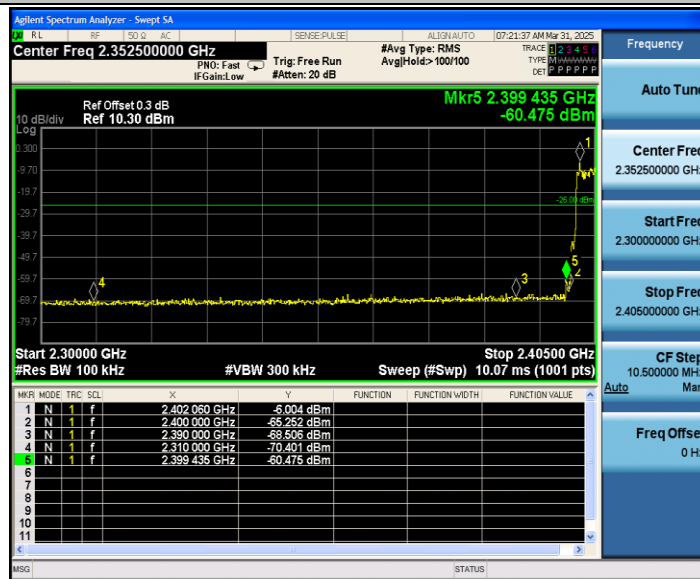
3DH5\_Ant1\_Low\_2402



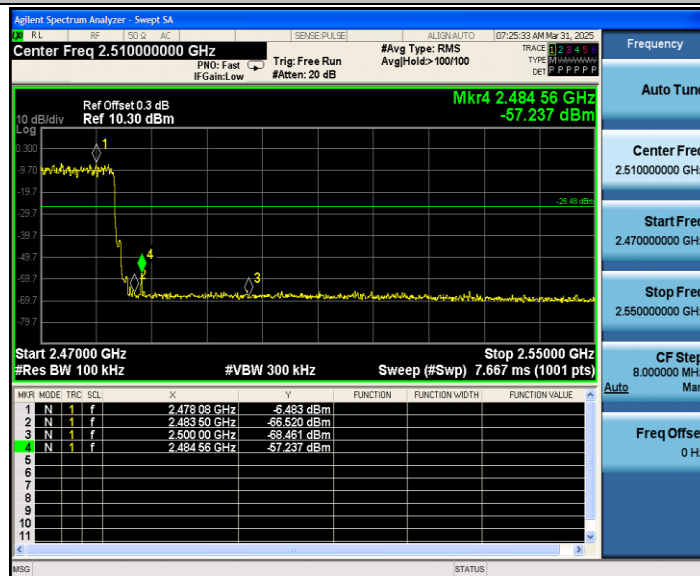
3DH5\_Ant1\_High\_2480



### 3DH5\_Ant1\_Low\_Hop\_2402



### 3DH5\_Ant1\_High\_Hop\_2480

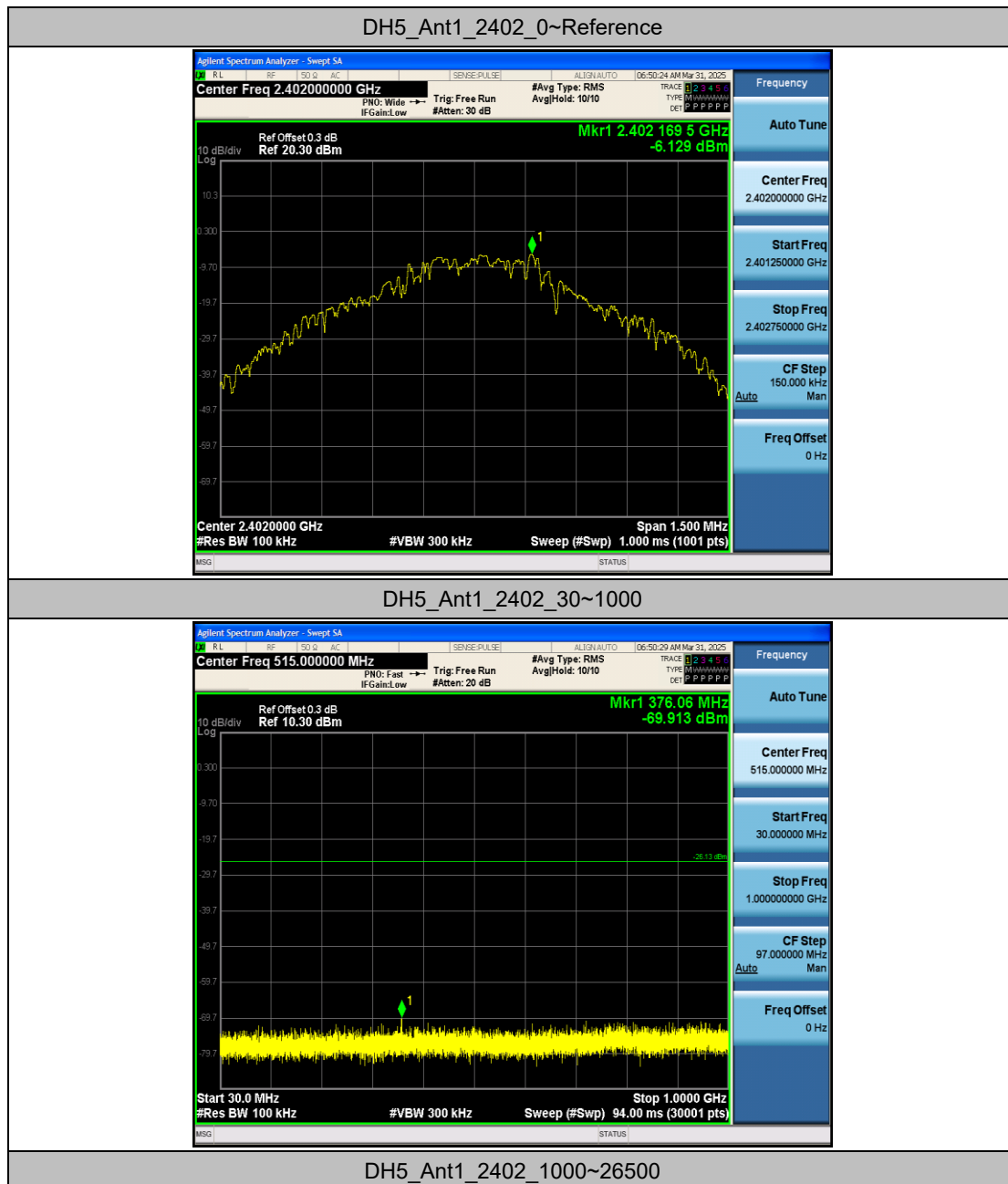


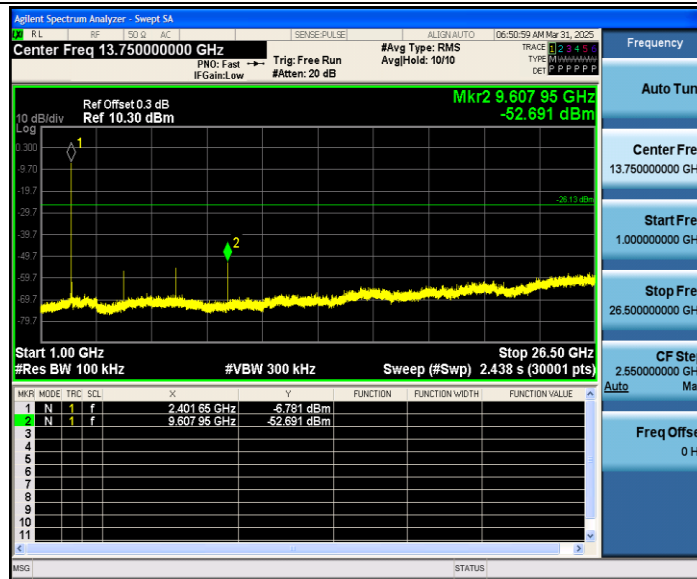
## Appendix H: Conducted Spurious Emission

### Test Result

| TestMode | Antenna | Freq(MHz) | FreqRange [MHz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|----------|---------|-----------|-----------------|----------------|--------------|-------------|---------|
| DH5      | Ant1    | 2402      | Reference       | -6.13          | -6.13        | ---         | PASS    |
|          |         |           | 30~1000         | -6.13          | -69.91       | ≤-26.13     | PASS    |
|          |         |           | 1000~26500      | -6.13          | -52.69       | ≤-26.13     | PASS    |
|          |         | 2441      | Reference       | -2.07          | -2.07        | ---         | PASS    |
|          |         |           | 30~1000         | -2.07          | -70.7        | ≤-22.07     | PASS    |
|          |         |           | 1000~26500      | -2.07          | -49.33       | ≤-22.07     | PASS    |
|          |         | 2480      | Reference       | -1.81          | -1.81        | ---         | PASS    |
|          |         |           | 30~1000         | -1.81          | -70.26       | ≤-21.81     | PASS    |
|          |         |           | 1000~26500      | -1.81          | -48.02       | ≤-21.81     | PASS    |
| 2DH5     | Ant1    | 2402      | Reference       | -6.66          | -6.66        | ---         | PASS    |
|          |         |           | 30~1000         | -6.66          | -69.83       | ≤-26.66     | PASS    |
|          |         |           | 1000~26500      | -6.66          | -52.23       | ≤-26.66     | PASS    |
|          |         | 2441      | Reference       | -5.47          | -5.47        | ---         | PASS    |
|          |         |           | 30~1000         | -5.47          | -69.97       | ≤-25.47     | PASS    |
|          |         |           | 1000~26500      | -5.47          | -51.64       | ≤-25.47     | PASS    |
|          |         | 2480      | Reference       | -5.45          | -5.45        | ---         | PASS    |
|          |         |           | 30~1000         | -5.45          | -70.05       | ≤-25.45     | PASS    |
|          |         |           | 1000~26500      | -5.45          | -55.35       | ≤-25.45     | PASS    |
| 3DH5     | Ant1    | 2402      | Reference       | -6.92          | -6.92        | ---         | PASS    |
|          |         |           | 30~1000         | -6.92          | -70.03       | ≤-26.92     | PASS    |
|          |         |           | 1000~26500      | -6.92          | -51.68       | ≤-26.92     | PASS    |
|          |         | 2441      | Reference       | -5.63          | -5.63        | ---         | PASS    |
|          |         |           | 30~1000         | -5.63          | -70.55       | ≤-25.63     | PASS    |
|          |         |           | 1000~26500      | -5.63          | -50.5        | ≤-25.63     | PASS    |
|          |         | 2480      | Reference       | -6.57          | -6.57        | ---         | PASS    |
|          |         |           | 30~1000         | -6.57          | -69.06       | ≤-26.57     | PASS    |
|          |         |           | 1000~26500      | -6.57          | -54.33       | ≤-26.57     | PASS    |

## Test Graphs

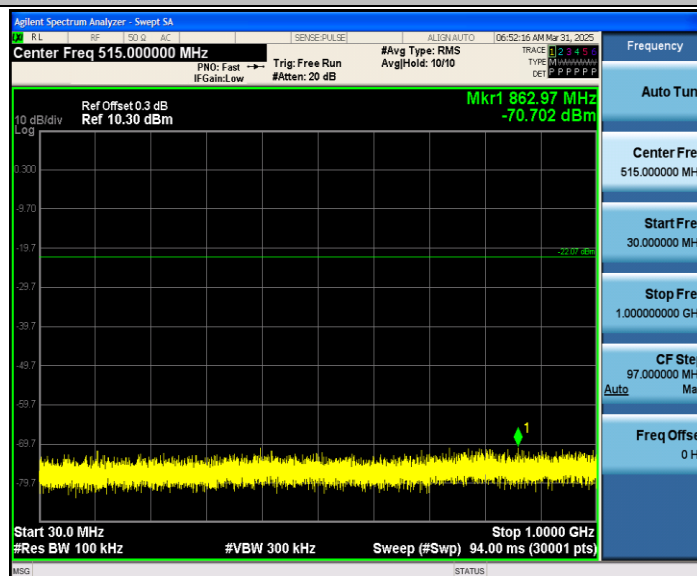




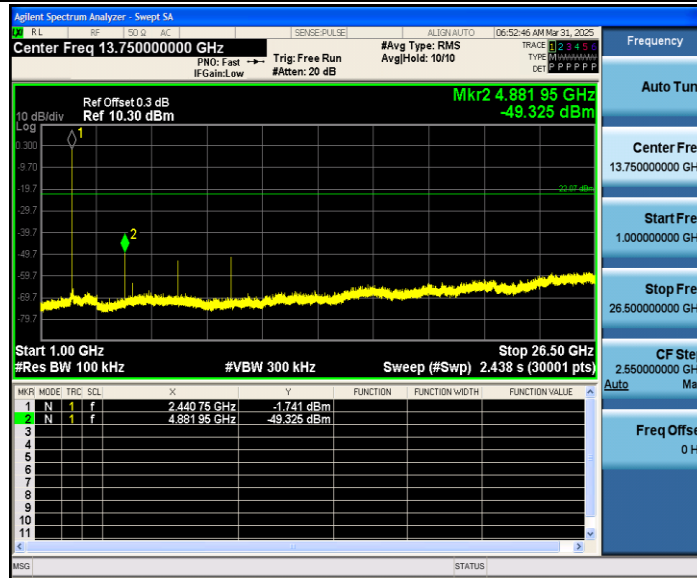
DH5\_Ant1\_2441\_0~Reference



DH5\_Ant1\_2441\_30~1000



# DH5\_Ant1\_2441\_1000~26500



# DH5\_Ant1\_2480\_0~Reference



# DH5\_Ant1\_2480\_30~1000