

|                                                                                       |
|---------------------------------------------------------------------------------------|
| <b>Case No. :</b> <u>GTS20251018009-1-02</u>                                          |
| <b>Ambient Condition:</b> <u>24</u> °C, <u>49</u> %RH                                 |
| <b>According Standard:</b> ■Part15C                                                   |
| <b>Test Date:</b> <u>2026.1.08-2026.3.19</u> <b>Test Engineer:</b> <u>Evan ouyang</u> |

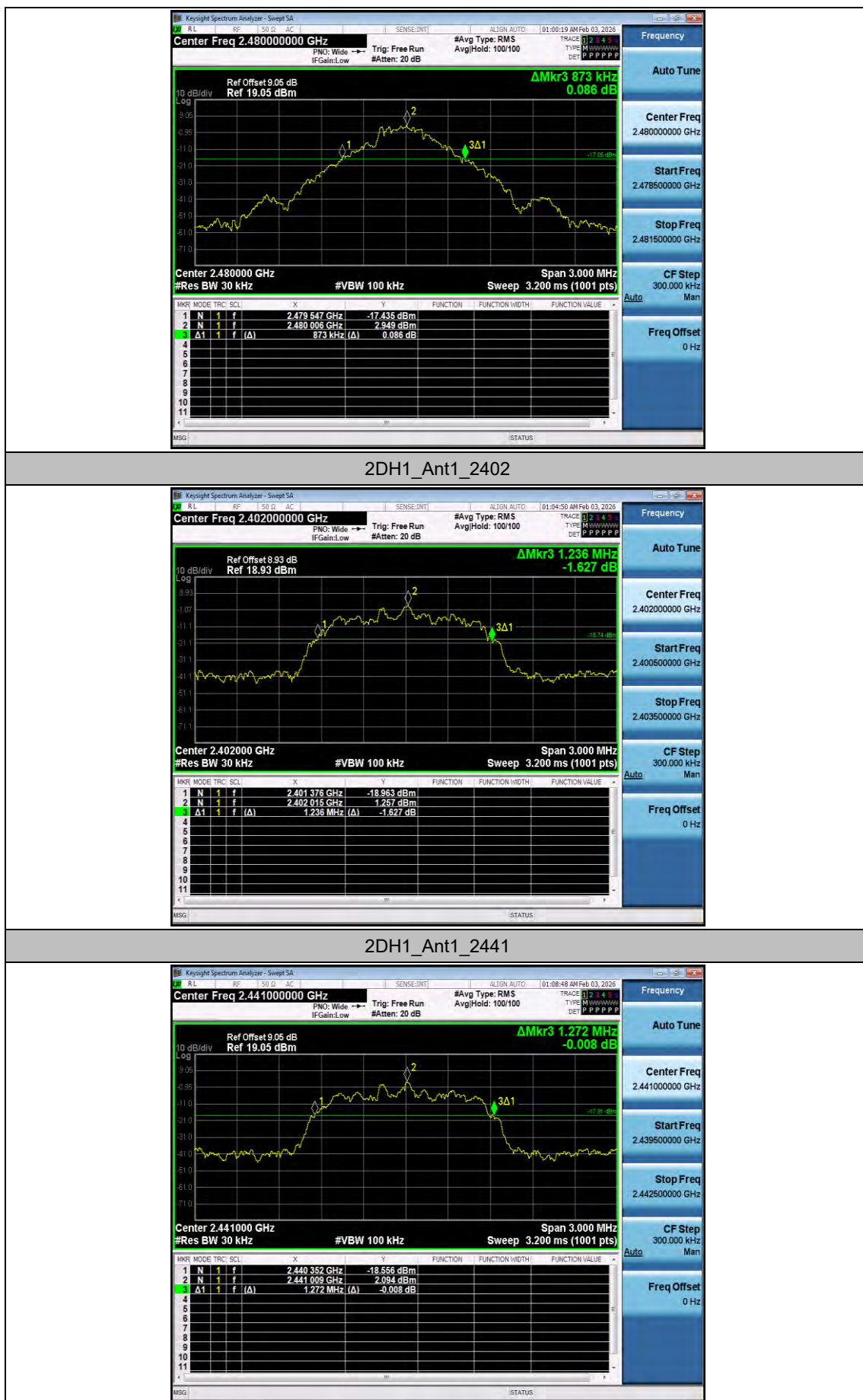
## AppendixA.1: 20dB Emission Bandwidth

### Test Result

| TestMode | Antenna | Freq(MHz) | 20dB<br>EBW[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|-----------|------------------|----------|----------|------------|---------|
| DH1      | Ant1    | 2402      | 0.861            | 2401.541 | 2402.402 | ---        | ---     |
|          |         | 2441      | 0.846            | 2440.541 | 2441.387 | ---        | ---     |
|          |         | 2480      | 0.873            | 2479.547 | 2480.420 | ---        | ---     |
| 2DH1     | Ant1    | 2402      | 1.236            | 2401.376 | 2402.612 | ---        | ---     |
|          |         | 2441      | 1.272            | 2440.352 | 2441.624 | ---        | ---     |
|          |         | 2480      | 1.263            | 2479.334 | 2480.597 | ---        | ---     |
| 3DH1     | Ant1    | 2402      | 1.233            | 2401.385 | 2402.618 | ---        | ---     |
|          |         | 2441      | 1.254            | 2440.364 | 2441.618 | ---        | ---     |
|          |         | 2480      | 1.248            | 2479.364 | 2480.612 | ---        | ---     |

Test Graphs





## 2DH1\_Ant1\_2480



## 3DH1\_Ant1\_2402



## 3DH1\_Ant1\_2441



3DH1\_Ant1\_2480



## AppendixA.2: Occupied Channel Bandwidth

### Test Result

| TestMode | Antenna | Freq(MHz) | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|----------|---------|-----------|-----------|-----------|-----------|------------|---------|
| DH1      | Ant1    | 2402      | 0.80124   | 2401.5823 | 2402.3835 | ---        | ---     |
|          |         | 2441      | 0.79877   | 2440.5901 | 2441.3889 | ---        | ---     |
|          |         | 2480      | 0.80139   | 2479.5859 | 2480.3873 | ---        | ---     |
| 2DH1     | Ant1    | 2402      | 1.1688    | 2401.4024 | 2402.5712 | ---        | ---     |
|          |         | 2441      | 1.1686    | 2440.3997 | 2441.5683 | ---        | ---     |
|          |         | 2480      | 1.1736    | 2479.3971 | 2480.5707 | ---        | ---     |
| 3DH1     | Ant1    | 2402      | 1.1551    | 2401.4247 | 2402.5798 | ---        | ---     |
|          |         | 2441      | 1.1517    | 2440.4263 | 2441.5780 | ---        | ---     |
|          |         | 2480      | 1.1521    | 2479.4273 | 2480.5794 | ---        | ---     |

## Test Graphs

DH1\_Ant1\_2402



DH1\_Ant1\_2441



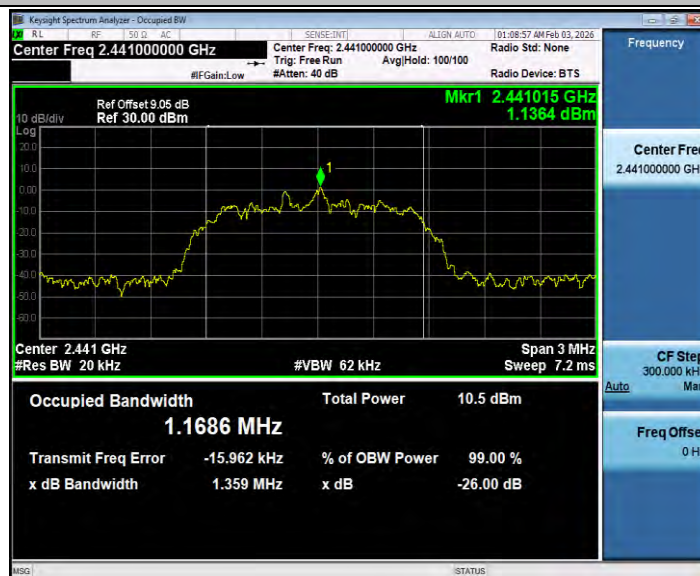
DH1\_Ant1\_2480



2DH1\_Ant1\_2402



2DH1\_Ant1\_2441



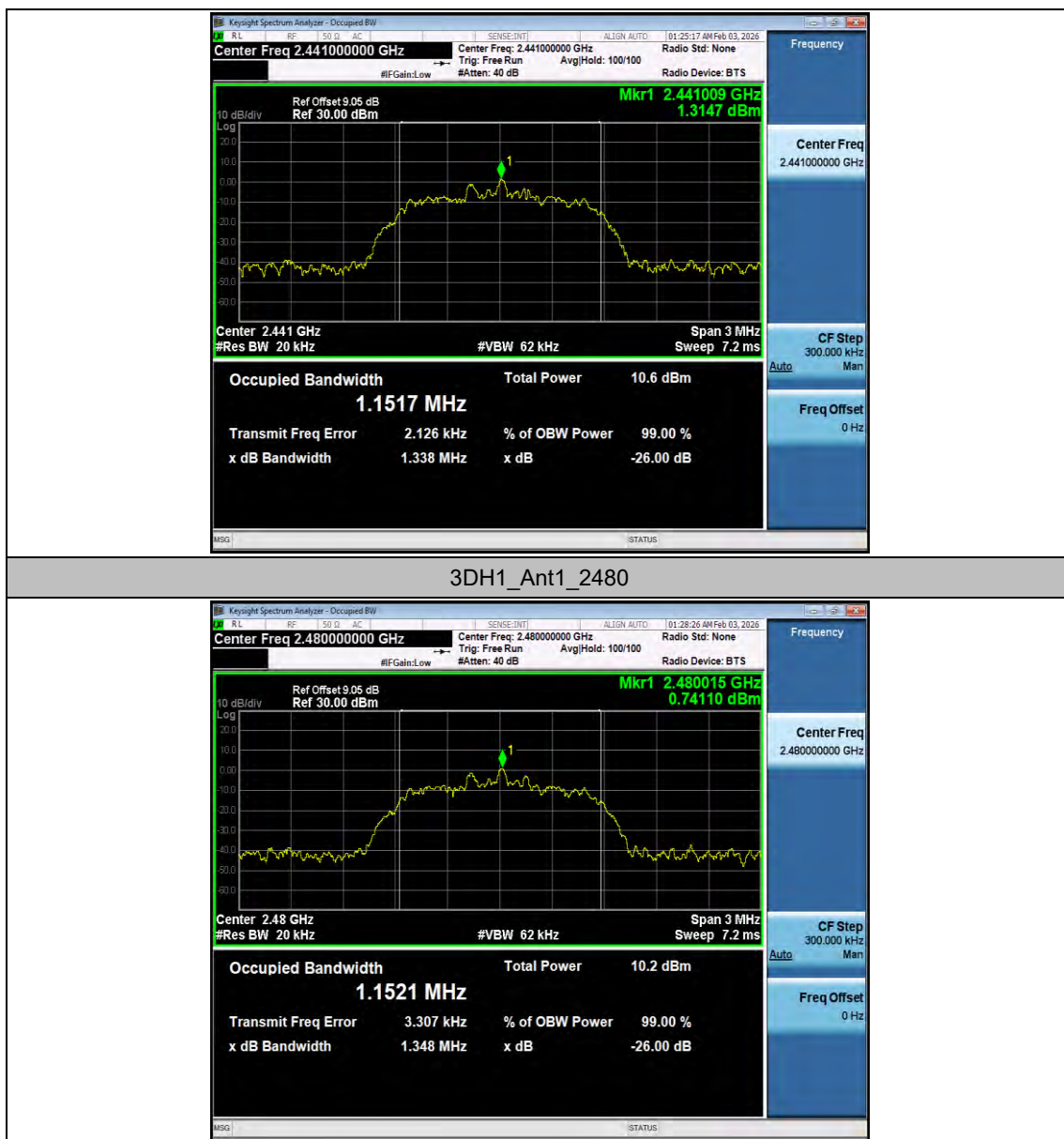
## 2DH1\_Ant1\_2480



## 3DH1\_Ant1\_2402



## 3DH1\_Ant1\_2441



## AppendixA.3: Maximum conducted output power

### Test Result Peak

| Test Mode | Antenna | Freq(MHz) | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|-----------|---------|-----------|---------------------------|----------------------|---------|
| DH1       | Ant1    | 2402      | 6.74                      | $\leq 20.97$         | PASS    |
|           |         | 2441      | 6.38                      | $\leq 20.97$         | PASS    |
|           |         | 2480      | 7.82                      | $\leq 20.97$         | PASS    |
| 2DH1      | Ant1    | 2402      | 5.24                      | $\leq 20.97$         | PASS    |
|           |         | 2441      | 5.84                      | $\leq 20.97$         | PASS    |
|           |         | 2480      | 5.30                      | $\leq 20.97$         | PASS    |
| 3DH1      | Ant1    | 2402      | 5.61                      | $\leq 20.97$         | PASS    |
|           |         | 2441      | 6.16                      | $\leq 20.97$         | PASS    |
|           |         | 2480      | 5.62                      | $\leq 20.97$         | PASS    |

## AppendixA.4: Carrier frequency separation

### Test Result

| TestMode | Antenna | Freq(MHz) | Result[MHz] | Limit[MHz]   | Verdict |
|----------|---------|-----------|-------------|--------------|---------|
| DH1      | Ant1    | Hop_2402  | 0.85        | $\geq 0.582$ | PASS    |
|          |         | Hop_2441  | 1.292       | $\geq 0.582$ | PASS    |
|          |         | Hop_2480  | 0.998       | $\geq 0.582$ | PASS    |
| 2DH1     | Ant1    | Hop_2402  | 1.008       | $\geq 0.848$ | PASS    |
|          |         | Hop_2441  | 1.016       | $\geq 0.848$ | PASS    |
|          |         | Hop_2480  | 1.008       | $\geq 0.848$ | PASS    |
| 3DH1     | Ant1    | Hop_2402  | 1.014       | $\geq 0.836$ | PASS    |
|          |         | Hop_2441  | 1.014       | $\geq 0.836$ | PASS    |
|          |         | Hop_2480  | 0.988       | $\geq 0.836$ | PASS    |

## Test Graphs

DH1\_Ant1\_Hop\_2402



DH1\_Ant1\_Hop\_2441



DH1\_Ant1\_Hop\_2480



2DH1\_Ant1\_Hop\_2402



2DH1\_Ant1\_Hop\_2441



## 2DH1\_Ant1\_Hop\_2480



## 3DH1\_Ant1\_Hop\_2402



## 3DH1\_Ant1\_Hop\_2441

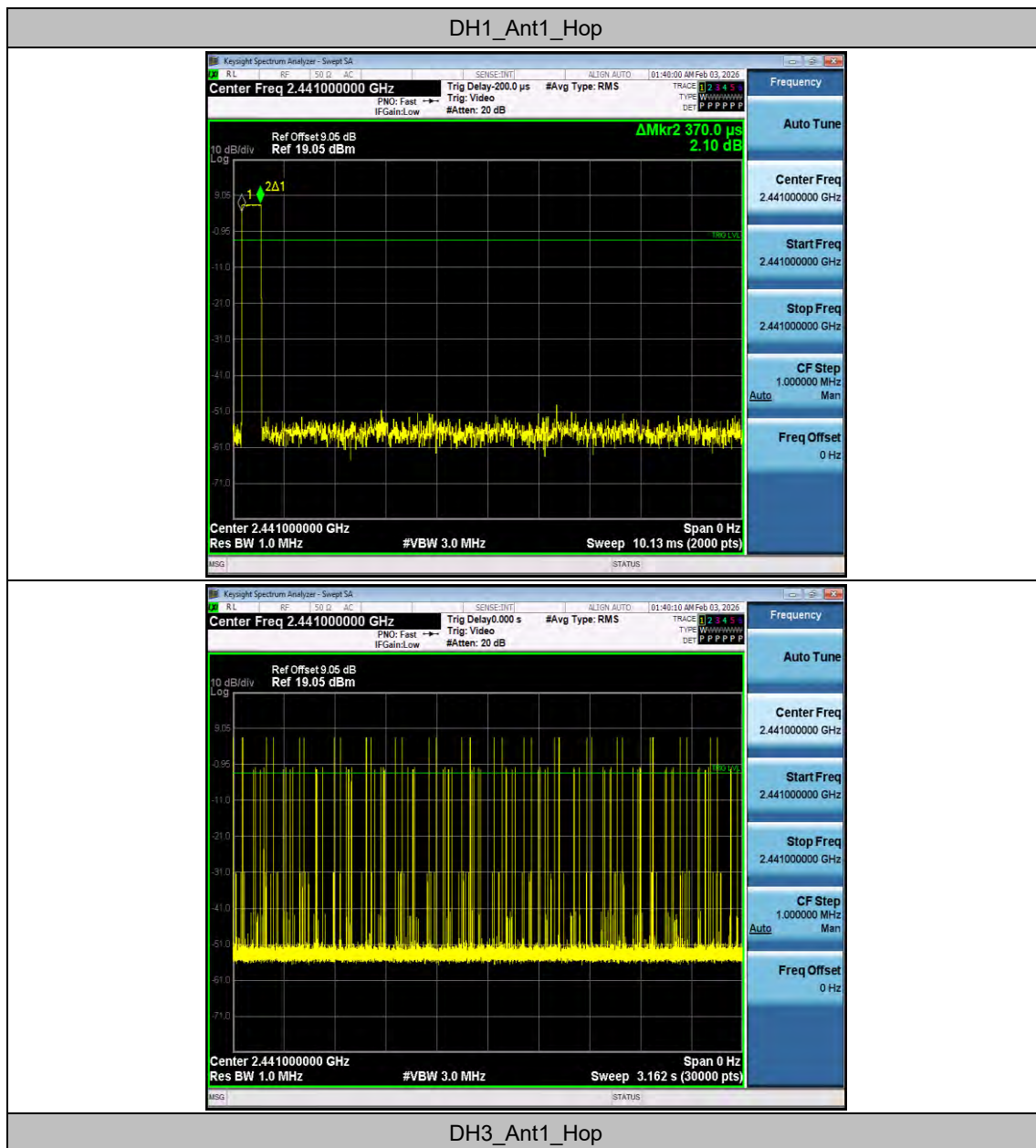


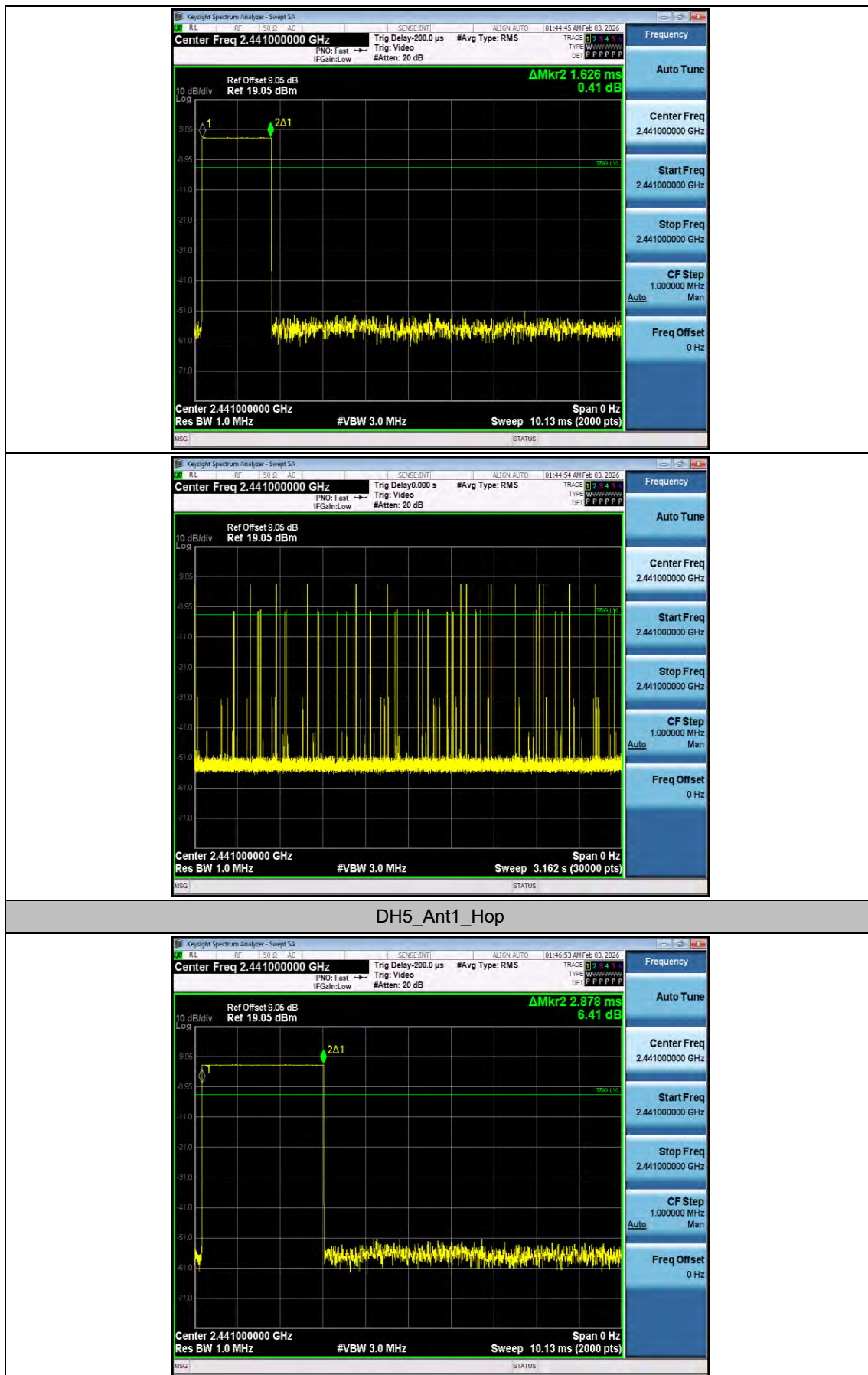
## AppendixA.5: Time of occupancy

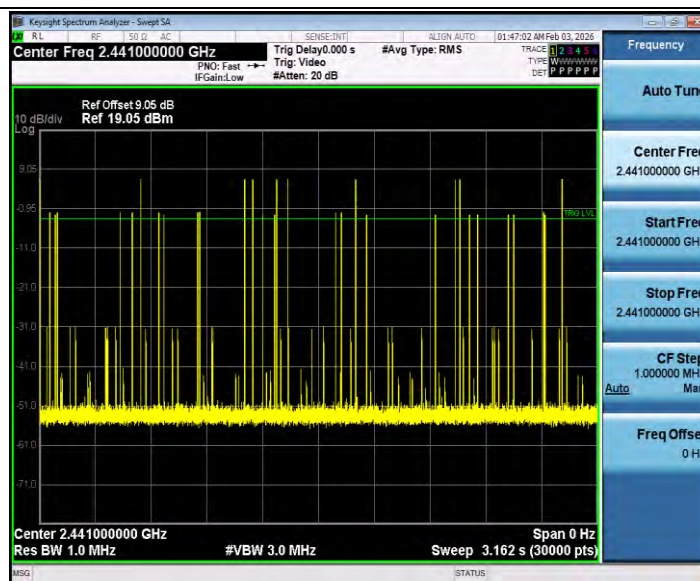
### Test Result

| TestMode | Antenna | Freq(MHz) | BurstWidth<br>[ms] | TotalHops<br>[Num] | Result[s] | Limit[s] | Verdict |
|----------|---------|-----------|--------------------|--------------------|-----------|----------|---------|
| DH1      | Ant1    | Hop       | 0.370              | 320                | 0.118     | ≤0.4     | PASS    |
| DH3      | Ant1    | Hop       | 1.626              | 160                | 0.26      | ≤0.4     | PASS    |
| DH5      | Ant1    | Hop       | 2.878              | 100                | 0.288     | ≤0.4     | PASS    |
| 2DH1     | Ant1    | Hop       | 0.375              | 330                | 0.124     | ≤0.4     | PASS    |
| 2DH3     | Ant1    | Hop       | 1.631              | 170                | 0.277     | ≤0.4     | PASS    |
| 2DH5     | Ant1    | Hop       | 2.878              | 110                | 0.317     | ≤0.4     | PASS    |
| 3DH1     | Ant1    | Hop       | 0.370              | 320                | 0.118     | ≤0.4     | PASS    |
| 3DH3     | Ant1    | Hop       | 1.626              | 180                | 0.293     | ≤0.4     | PASS    |
| 3DH5     | Ant1    | Hop       | 2.873              | 70                 | 0.201     | ≤0.4     | PASS    |

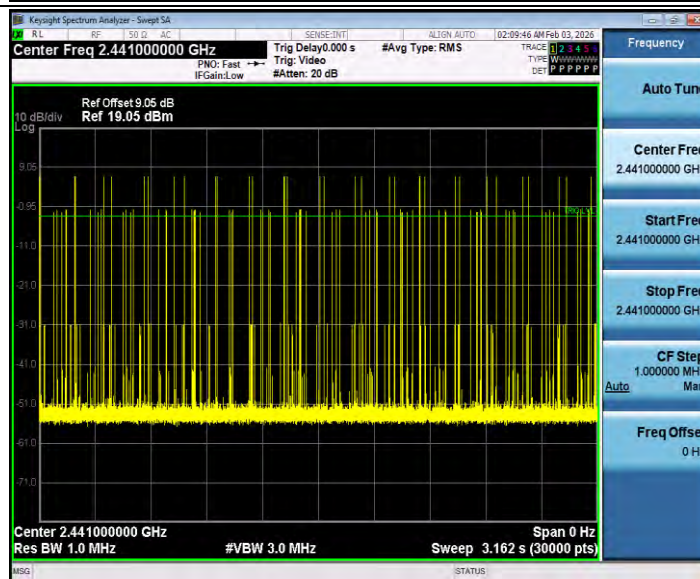
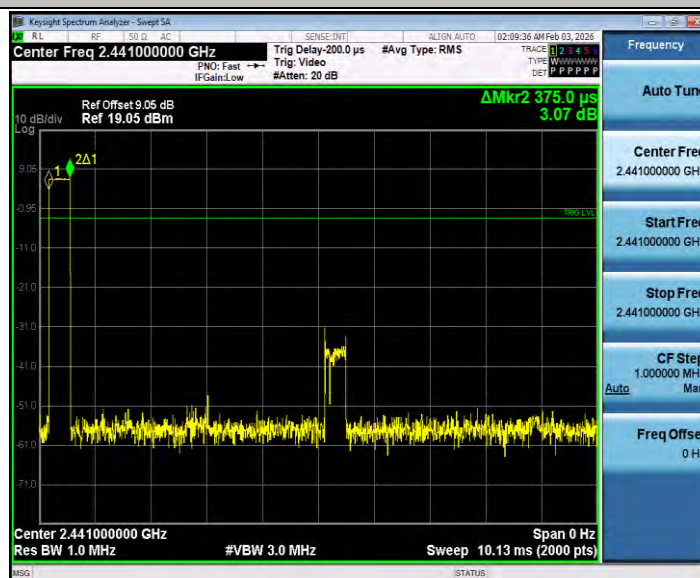
## Test Graphs



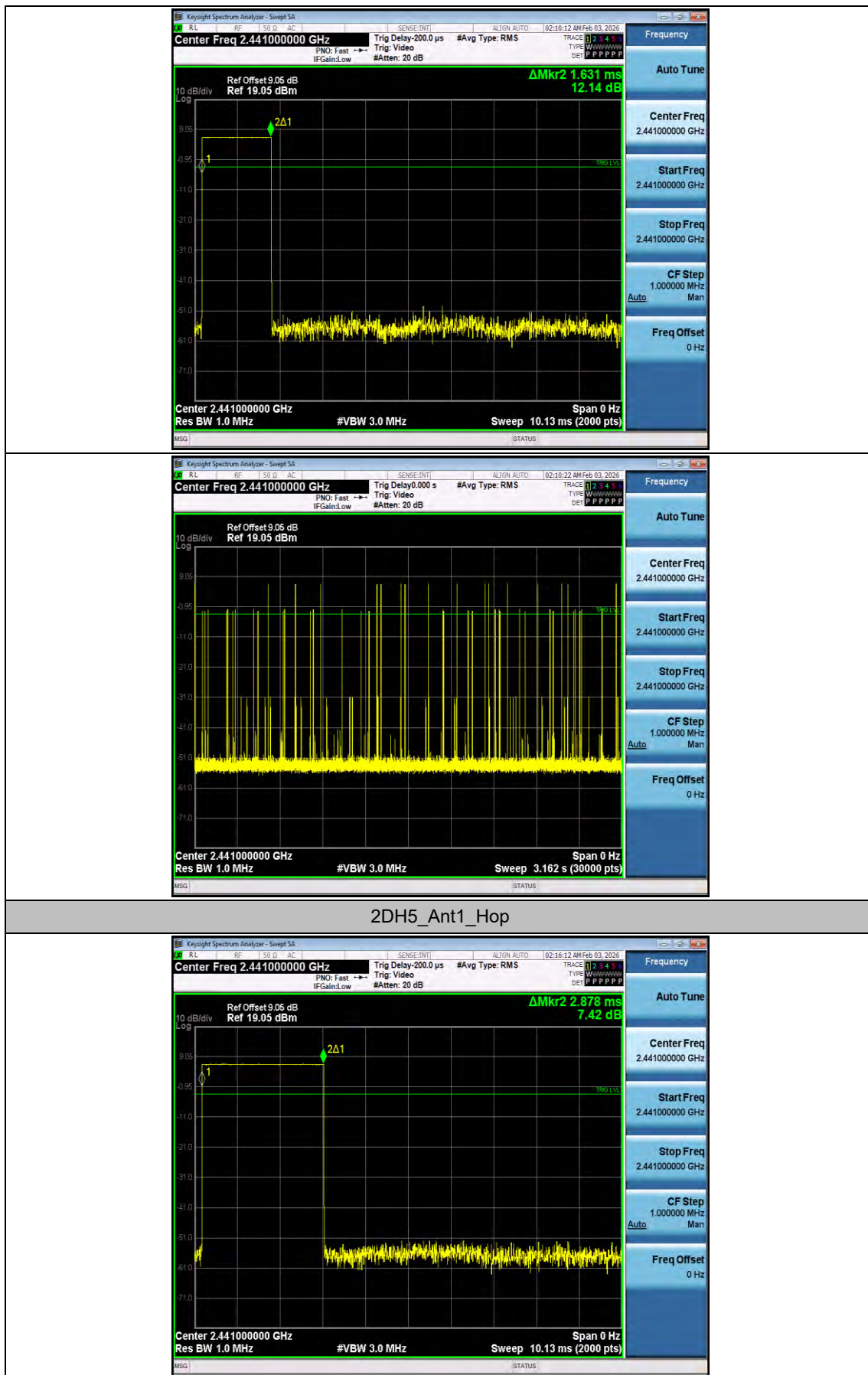


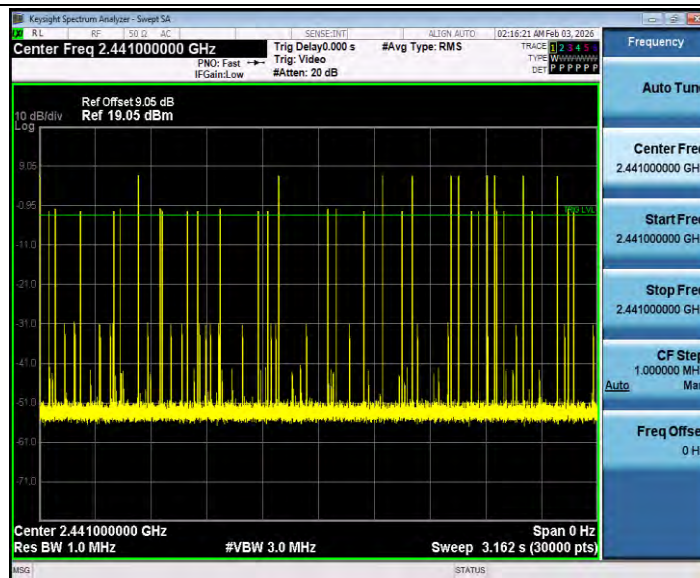


2DH1\_Ant1\_Hop

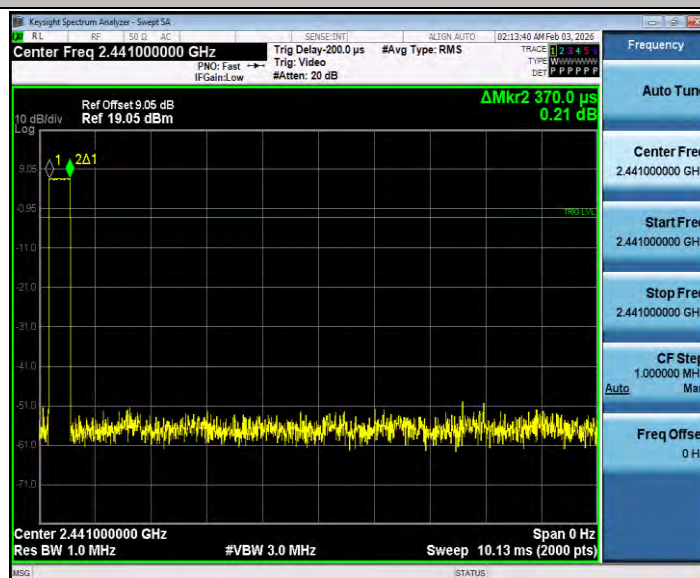


2DH3\_Ant1\_Hop

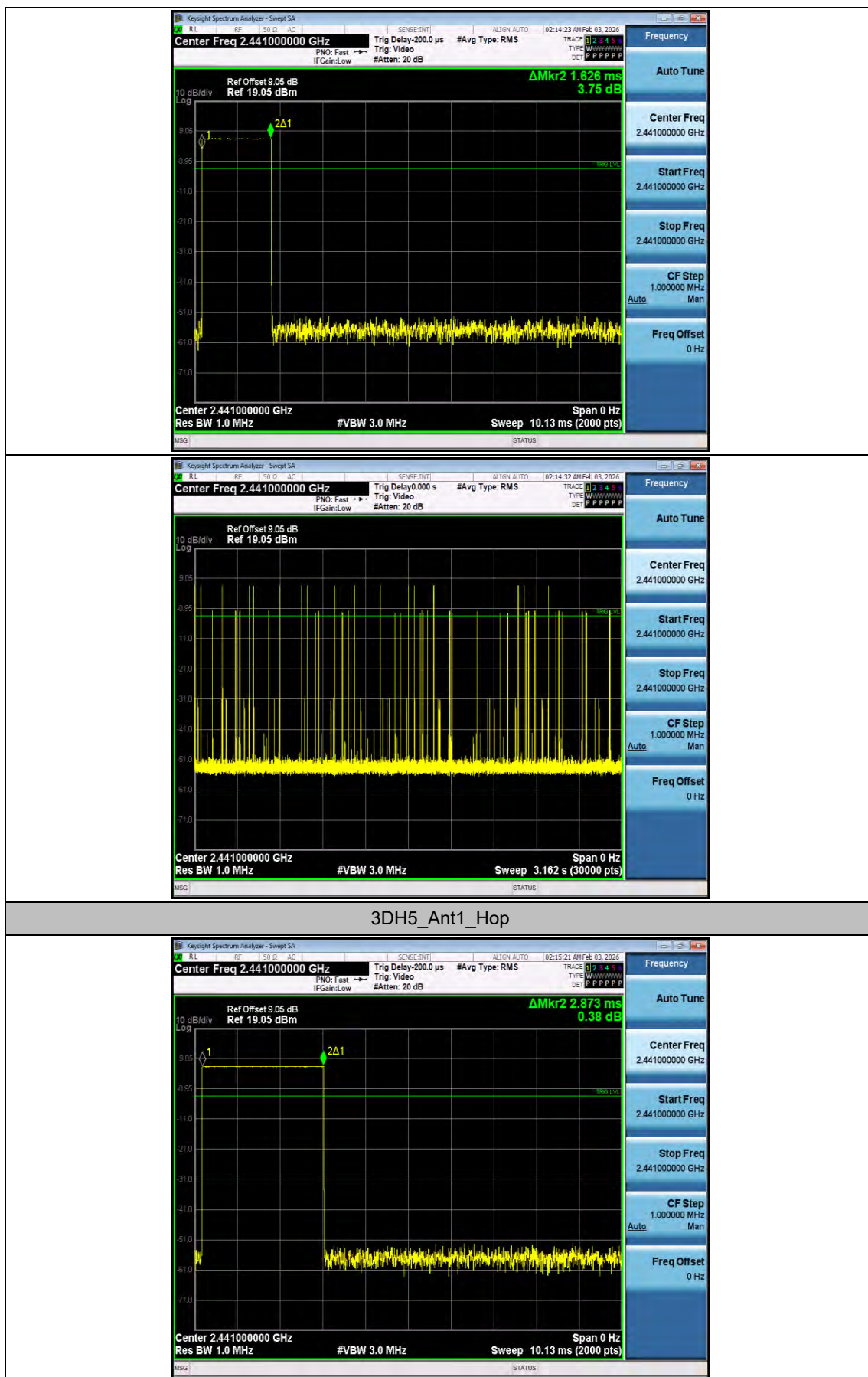




3DH1\_Ant1\_Hop



3DH3\_Ant1\_Hop



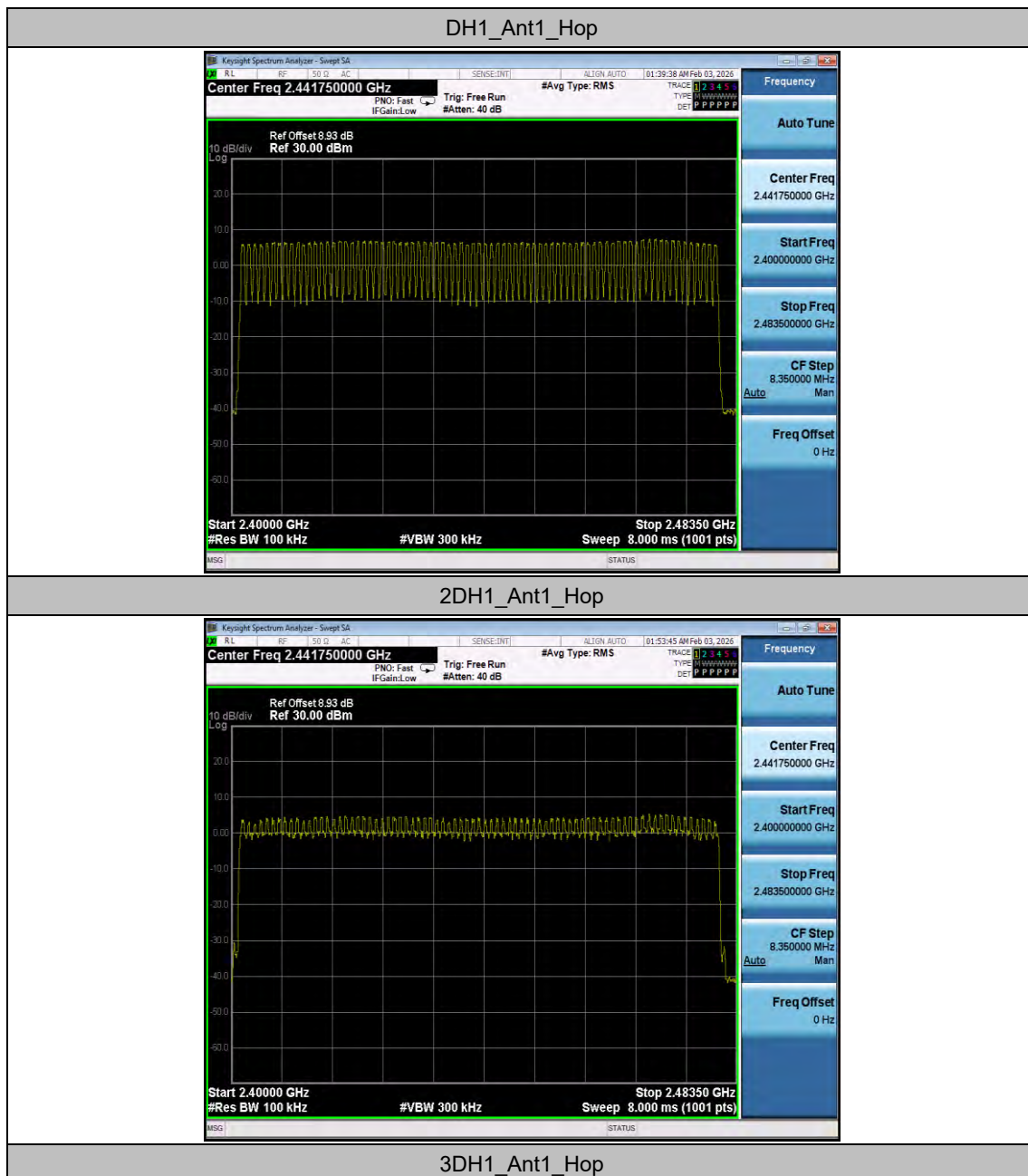


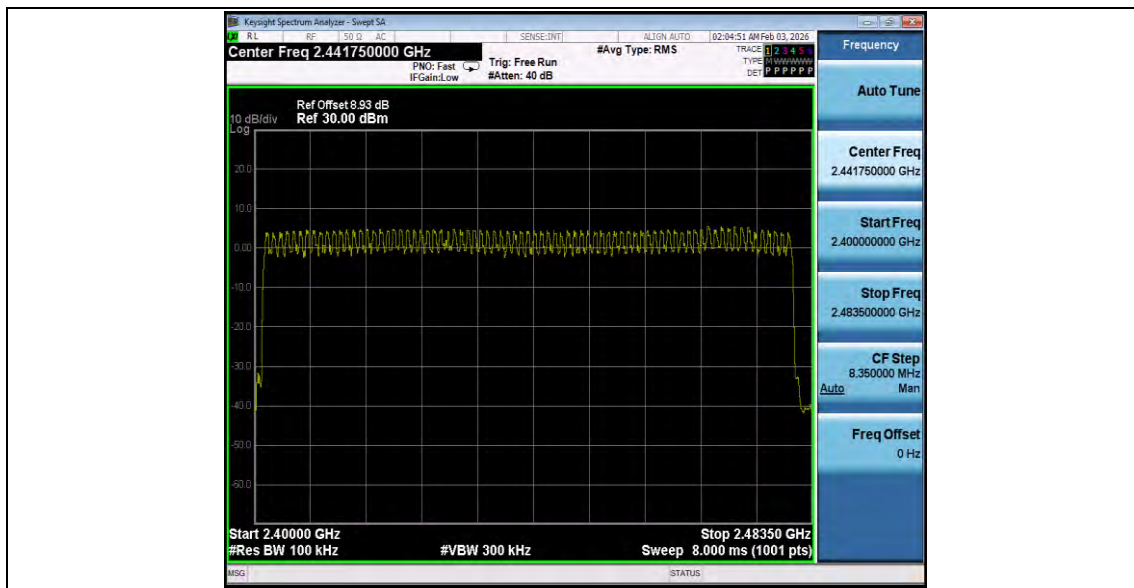
## AppendixA.6: Number of hopping channels

### Test Result

| TestMode | Antenna | Freq(MHz) | Result[Num] | Limit[Num] | Verdict |
|----------|---------|-----------|-------------|------------|---------|
| DH1      | Ant1    | Hop       | 79          | ≥15        | PASS    |
| 2DH1     | Ant1    | Hop       | 79          | ≥15        | PASS    |
| 3DH1     | Ant1    | Hop       | 79          | ≥15        | PASS    |

## Test Graphs





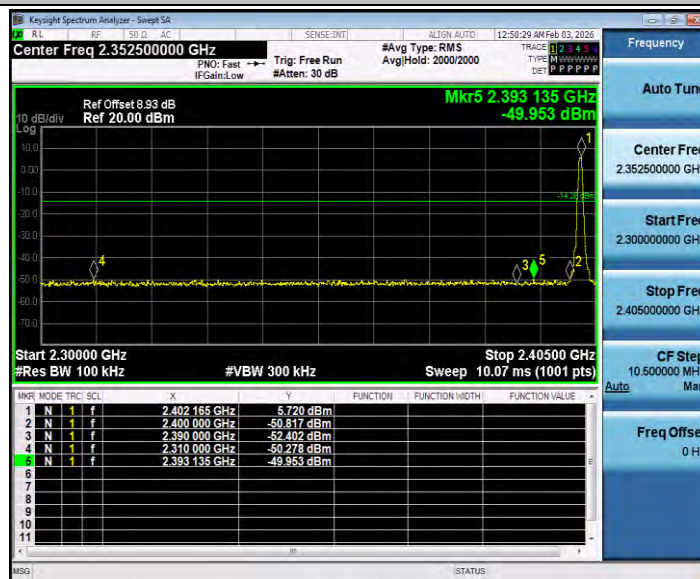
## Appendix A.7: Band edge measurements

### Test Result

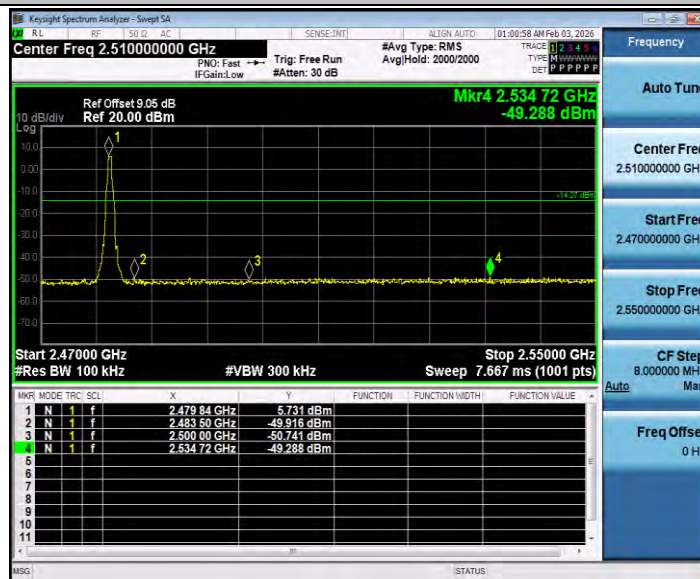
| TestMode | Antenna | ChName | Freq(MHz) | RefLevel [dBm] | Result [dBm] | Limit [dBm]   | Verdict |
|----------|---------|--------|-----------|----------------|--------------|---------------|---------|
| DH1      | Ant1    | Low    | 2402      | 5.72           | -49.95       | $\leq -14.28$ | PASS    |
|          |         | High   | 2480      | 5.73           | -49.29       | $\leq -14.27$ | PASS    |
|          |         | Low    | Hop_2402  | 5.38           | -48.75       | $\leq -14.62$ | PASS    |
|          |         | High   | Hop_2480  | 7.15           | -48.61       | $\leq -12.85$ | PASS    |
| 2DH1     | Ant1    | Low    | 2402      | 3.52           | -49.15       | $\leq -16.48$ | PASS    |
|          |         | High   | 2480      | 3.79           | -48.34       | $\leq -16.21$ | PASS    |
|          |         | Low    | Hop_2402  | 3.23           | -49.75       | $\leq -16.77$ | PASS    |
|          |         | High   | Hop_2480  | 4.78           | -47.41       | $\leq -15.22$ | PASS    |
| 3DH1     | Ant1    | Low    | 2402      | 3.70           | -49.64       | $\leq -16.3$  | PASS    |
|          |         | High   | 2480      | 3.89           | -49.02       | $\leq -16.11$ | PASS    |
|          |         | Low    | Hop_2402  | 3.21           | -49.25       | $\leq -16.8$  | PASS    |
|          |         | High   | Hop_2480  | 4.53           | -48.44       | $\leq -15.47$ | PASS    |

## Test Graphs

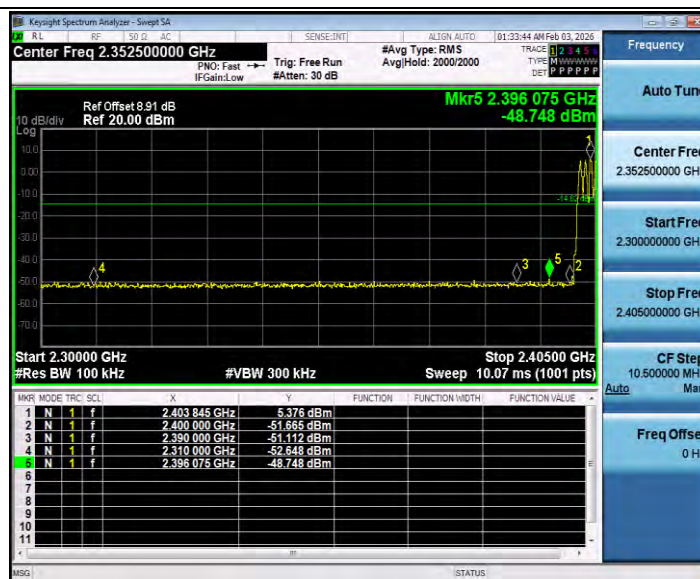
DH1\_Ant1\_Low\_2402



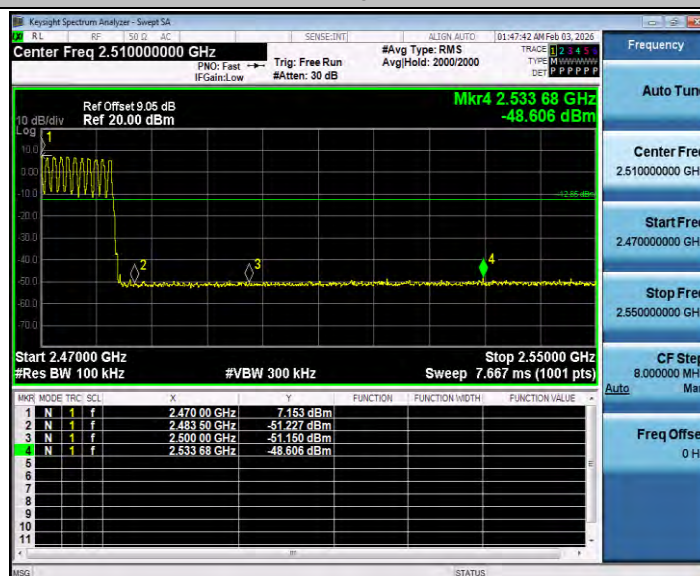
DH1\_Ant1\_High\_2480



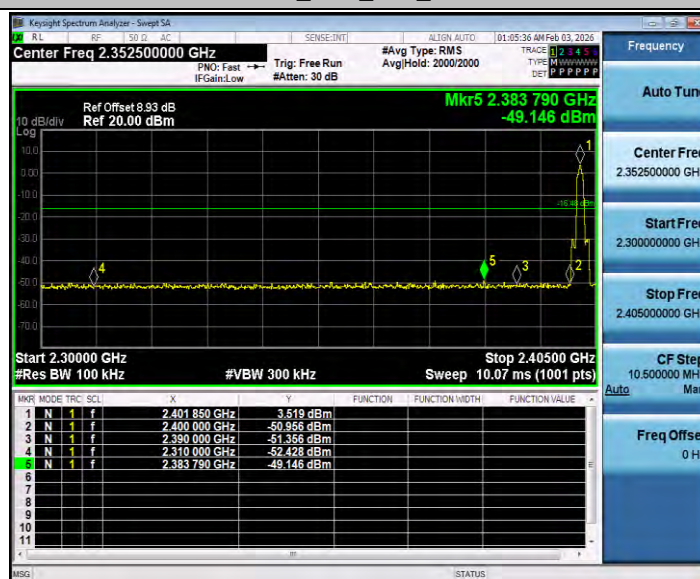
DH1\_Ant1\_Low\_Hop\_2402



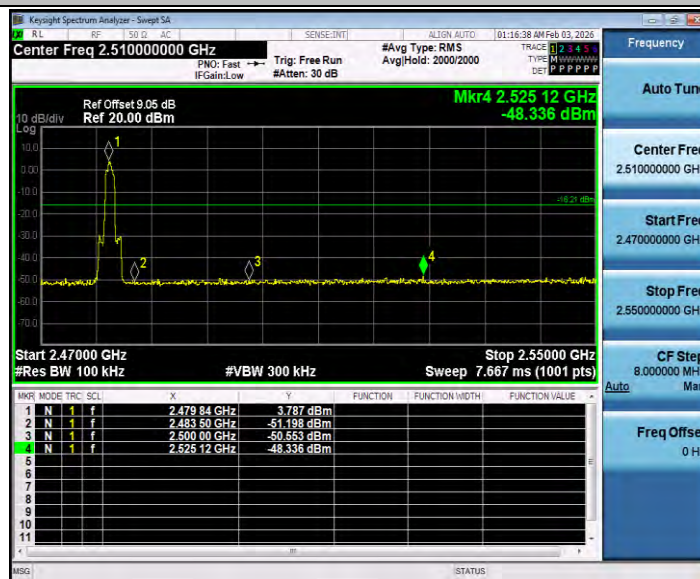
DH1\_Ant1\_High\_Hop\_2480



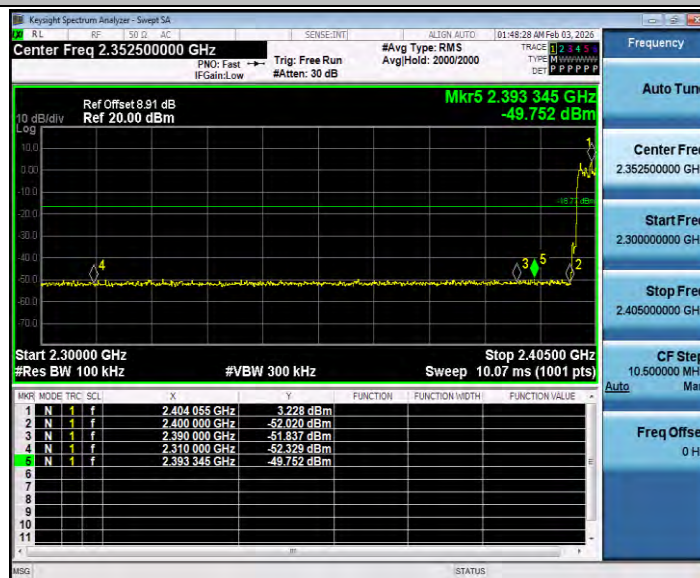
2DH1\_Ant1\_Low\_2402



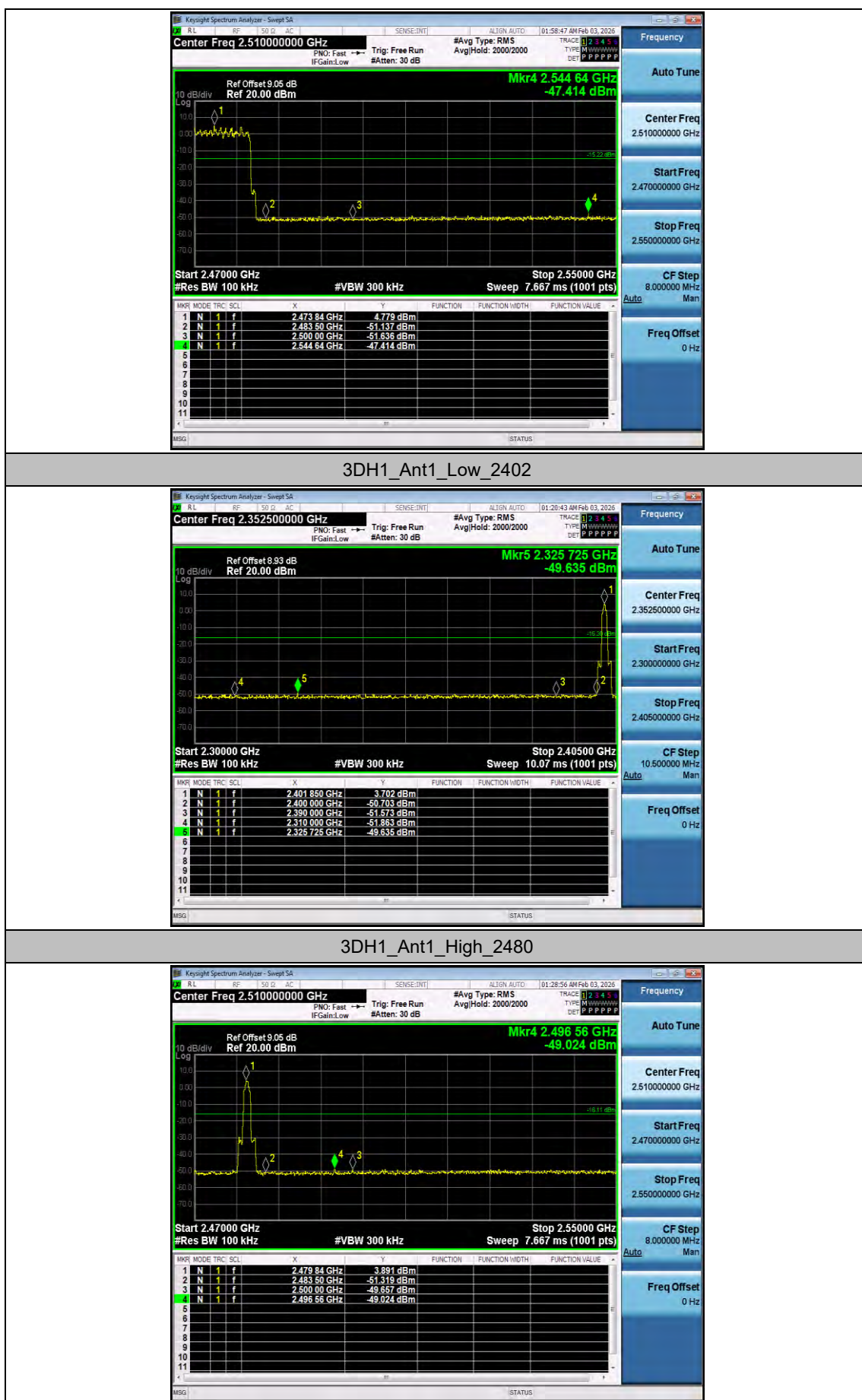
## 2DH1\_Ant1\_High\_2480



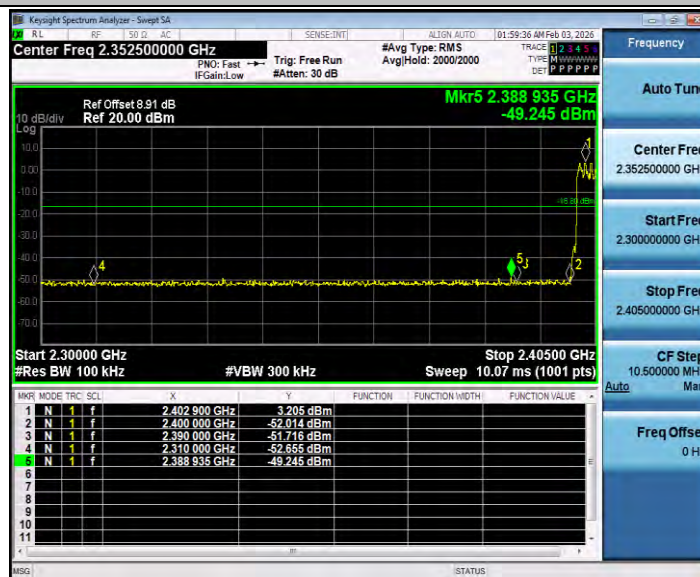
## 2DH1\_Ant1\_Low\_Hop\_2402



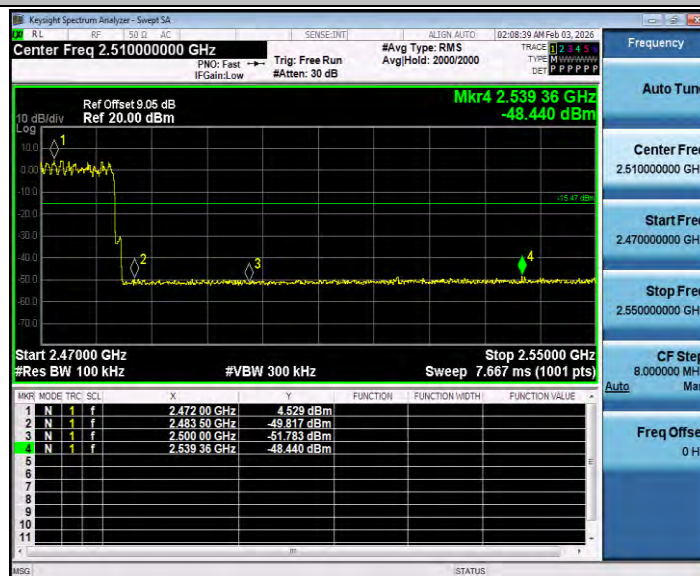
## 2DH1\_Ant1\_High\_Hop\_2480



## 3DH1\_Ant1\_Low\_Hop\_2402



## 3DH1\_Ant1\_High\_Hop\_2480

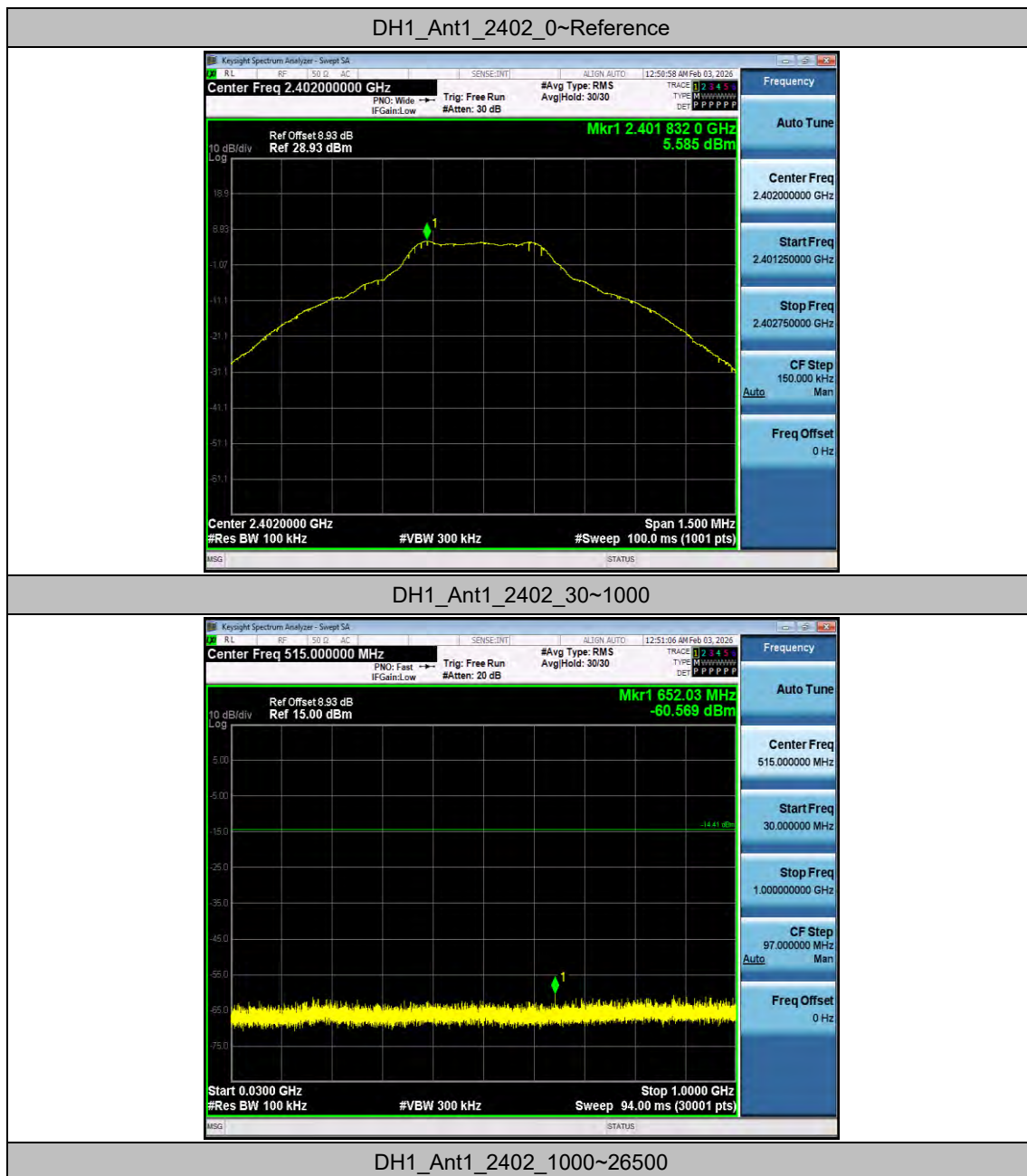


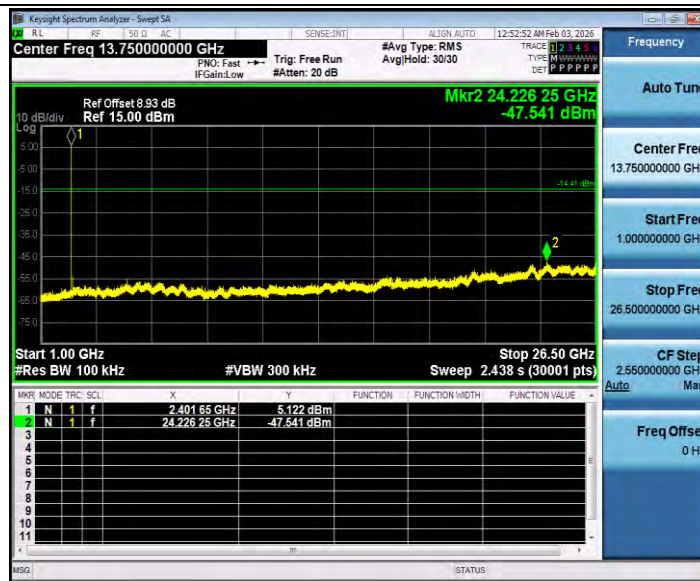
## Appendix A.8: Conducted Spurious Emission

### Test Result

| TestMode | Antenna | Freq(MHz) | FreqRange [MHz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|----------|---------|-----------|-----------------|----------------|--------------|-------------|---------|
| DH1      | Ant1    | 2402      | Reference       | 5.59           | 5.59         | ---         | PASS    |
|          |         |           | 30~1000         | 5.59           | -60.57       | ≤-14.41     | PASS    |
|          |         |           | 1000~26500      | 5.59           | -47.54       | ≤-14.41     | PASS    |
|          |         | 2441      | Reference       | 6.14           | 6.14         | ---         | PASS    |
|          |         |           | 30~1000         | 6.14           | -60.79       | ≤-13.86     | PASS    |
|          |         |           | 1000~26500      | 6.14           | -47.57       | ≤-13.86     | PASS    |
|          |         | 2480      | Reference       | 5.69           | 5.69         | ---         | PASS    |
|          |         |           | 30~1000         | 5.69           | -60.28       | ≤-14.31     | PASS    |
|          |         |           | 1000~26500      | 5.69           | -47.7        | ≤-14.31     | PASS    |
| 2DH1     | Ant1    | 2402      | Reference       | 3.49           | 3.49         | ---         | PASS    |
|          |         |           | 30~1000         | 3.49           | -60.17       | ≤-16.51     | PASS    |
|          |         |           | 1000~26500      | 3.49           | -46.71       | ≤-16.51     | PASS    |
|          |         | 2441      | Reference       | 4.15           | 4.15         | ---         | PASS    |
|          |         |           | 30~1000         | 4.15           | -60.88       | ≤-15.85     | PASS    |
|          |         |           | 1000~26500      | 4.15           | -47.52       | ≤-15.85     | PASS    |
|          |         | 2480      | Reference       | 3.73           | 3.73         | ---         | PASS    |
|          |         |           | 30~1000         | 3.73           | -60.26       | ≤-16.27     | PASS    |
|          |         |           | 1000~26500      | 3.73           | -47.51       | ≤-16.27     | PASS    |
| 3DH1     | Ant1    | 2402      | Reference       | 3.56           | 3.56         | ---         | PASS    |
|          |         |           | 30~1000         | 3.56           | -60.99       | ≤-16.44     | PASS    |
|          |         |           | 1000~26500      | 3.56           | -48.01       | ≤-16.44     | PASS    |
|          |         | 2441      | Reference       | 4.12           | 4.12         | ---         | PASS    |
|          |         |           | 30~1000         | 4.12           | -59.95       | ≤-15.88     | PASS    |
|          |         |           | 1000~26500      | 4.12           | -47.46       | ≤-15.88     | PASS    |
|          |         | 2480      | Reference       | 3.75           | 3.75         | ---         | PASS    |
|          |         |           | 30~1000         | 3.75           | -60.41       | ≤-16.25     | PASS    |
|          |         |           | 1000~26500      | 3.75           | -47.03       | ≤-16.25     | PASS    |

## Test Graphs





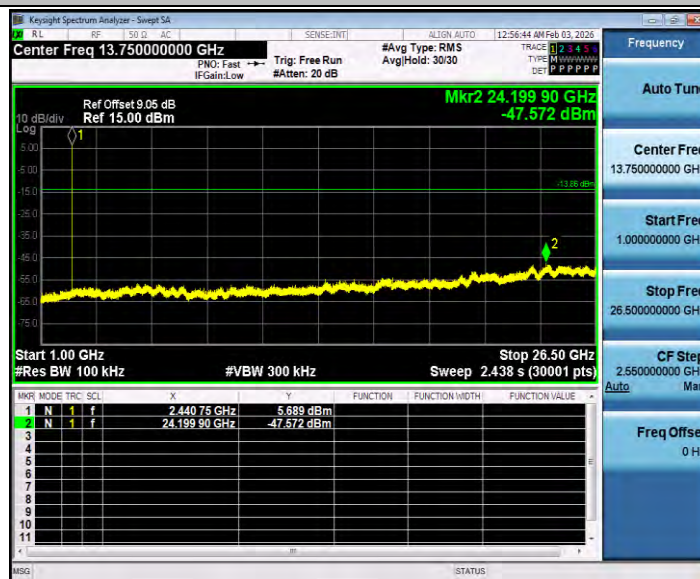
DH1\_Ant1\_2441\_0~Reference



DH1\_Ant1\_2441\_30~1000



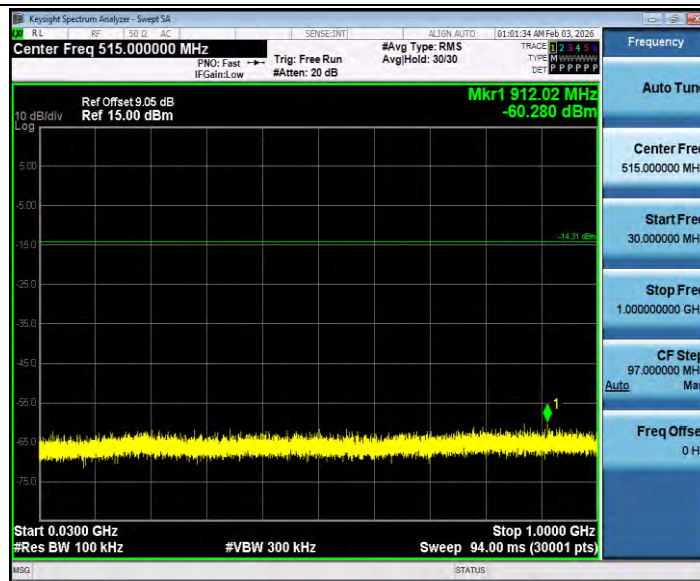
## DH1\_Ant1\_2441\_1000~26500



## DH1\_Ant1\_2480\_0~Reference



## DH1\_Ant1\_2480\_30~1000

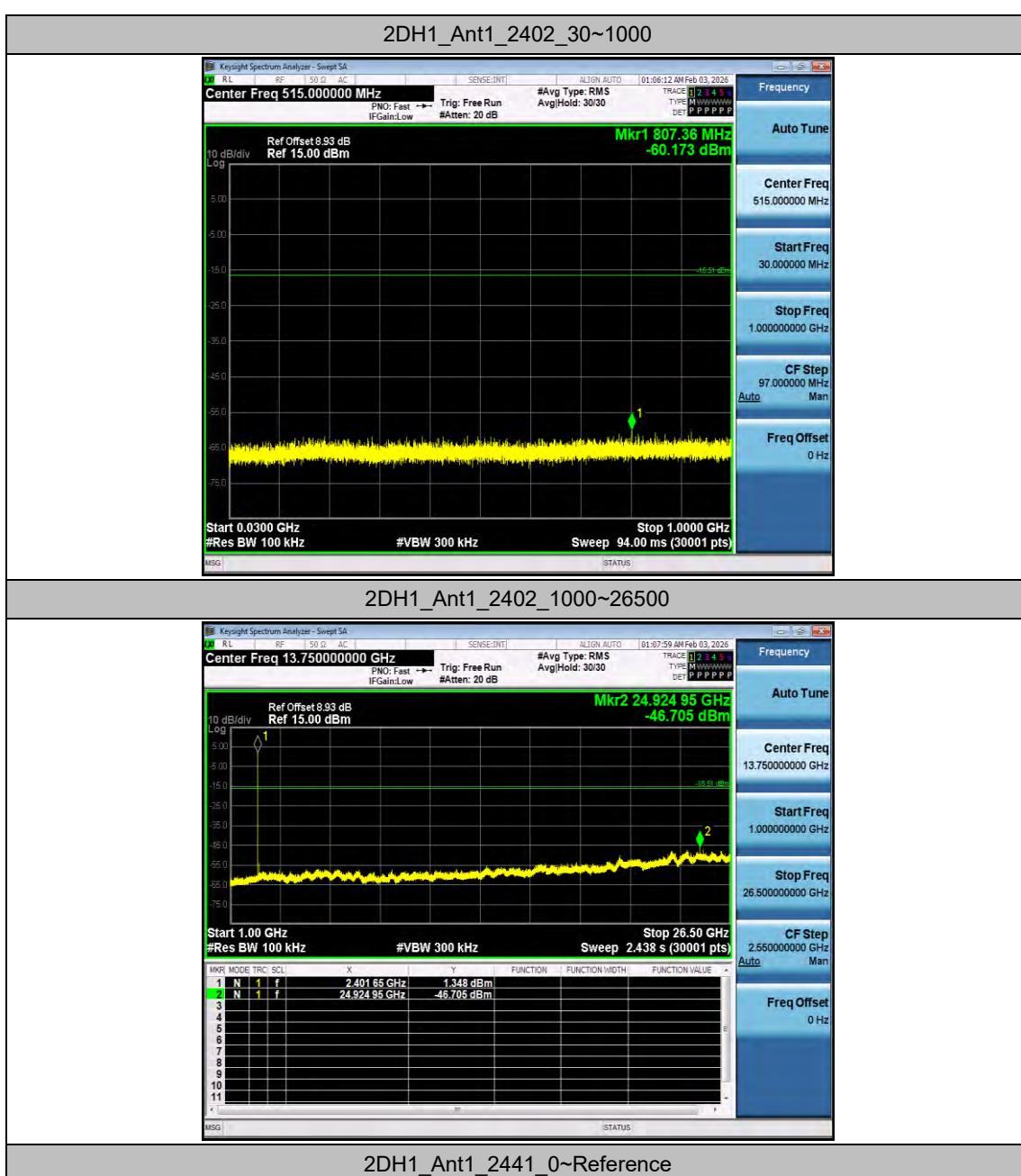


DH1\_Ant1\_2480\_1000~26500



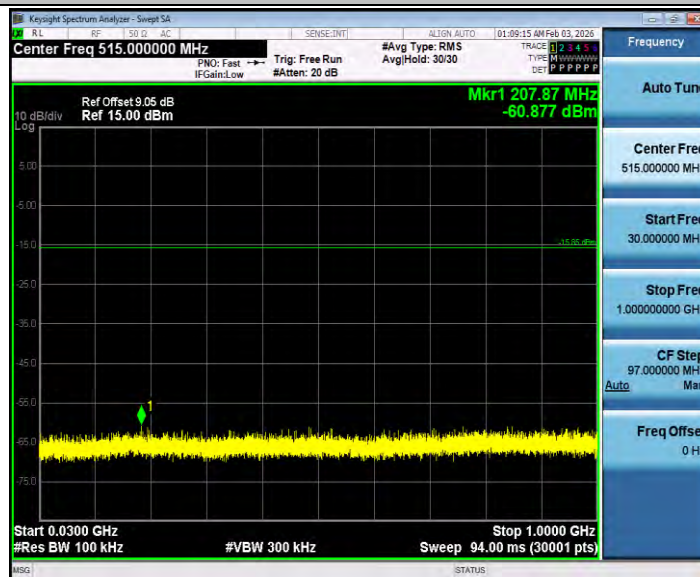
2DH1\_Ant1\_2402\_0~Reference







2DH1\_Ant1\_2441\_30~1000



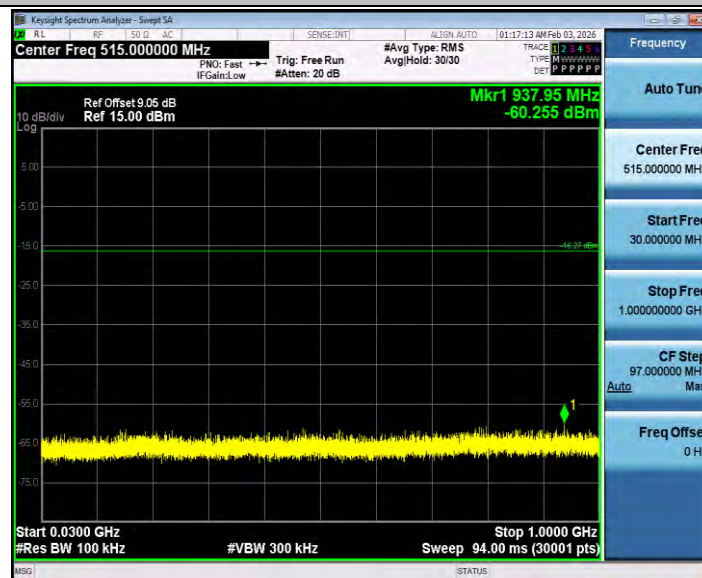
2DH1\_Ant1\_2441\_1000~26500



## 2DH1\_Ant1\_2480\_0~Reference



## 2DH1\_Ant1\_2480\_30~1000



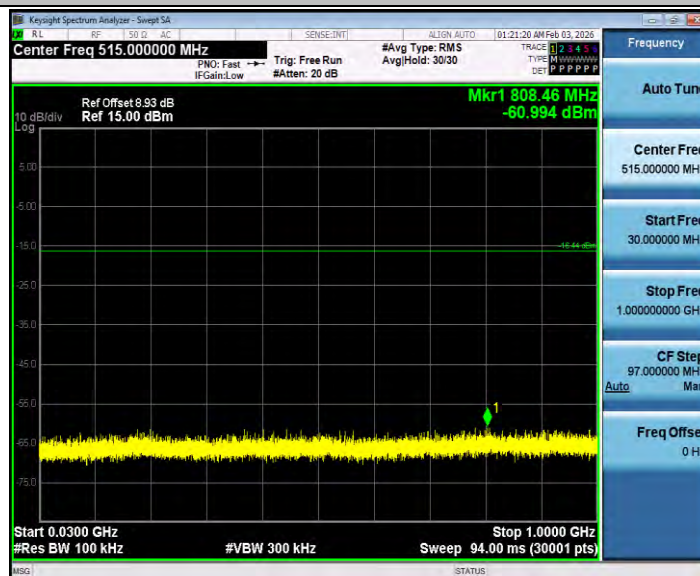
## 2DH1\_Ant1\_2480\_1000~26500



3DH1\_Ant1\_2402\_0~Reference



3DH1\_Ant1\_2402\_30~1000



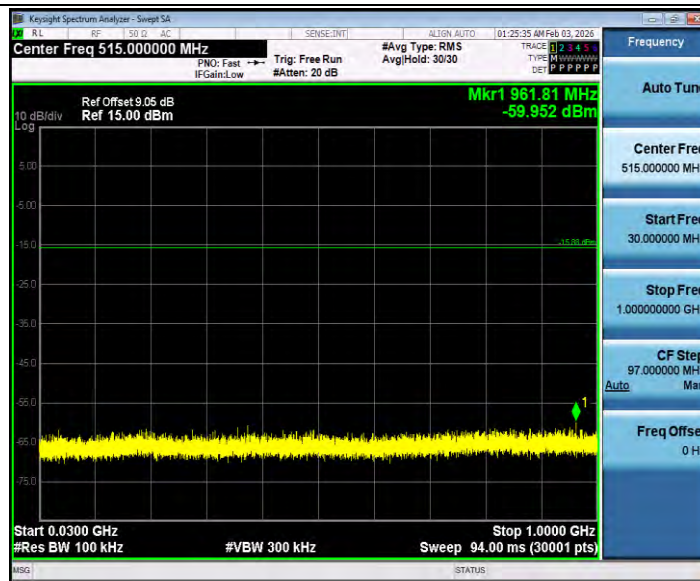
## 3DH1\_Ant1\_2402\_1000~26500



## 3DH1\_Ant1\_2441\_0~Reference



## 3DH1\_Ant1\_2441\_30~1000



3DH1\_Ant1\_2441\_1000~26500



3DH1\_Ant1\_2480\_0~Reference



