

|                                                                                       |
|---------------------------------------------------------------------------------------|
| <b>Case No. :</b> <u>GTS20260115008-1-01</u>                                          |
| <b>Ambient Condition:</b> <u>21</u> °C, <u>56</u> %RH                                 |
| <b>According Standard:</b> ■Part15C                                                   |
| <b>Test Date:</b> <u>2026.2.25-2026.3.16</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      | 1.035            | 2401.481 | 2402.516 | ---        | ---     |
|          |         | 2441      | 1.035            | 2440.478 | 2441.513 | ---        | ---     |
|          |         | 2480      | 1.035            | 2479.478 | 2480.513 | ---        | ---     |
| 2DH1     | Ant1    | 2402      | 1.350            | 2401.313 | 2402.663 | ---        | ---     |
|          |         | 2441      | 1.347            | 2440.313 | 2441.660 | ---        | ---     |
|          |         | 2480      | 1.350            | 2479.310 | 2480.660 | ---        | ---     |
| 3DH1     | Ant1    | 2402      | 1.296            | 2401.334 | 2402.630 | ---        | ---     |
|          |         | 2441      | 1.296            | 2440.334 | 2441.630 | ---        | ---     |
|          |         | 2480      | 1.296            | 2479.331 | 2480.627 | ---        | ---     |

## 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



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      | 0.91049   | 2401.5233 | 2402.4338 | ---        | ---     |
|          |         | 2441      | 0.91068   | 2440.5229 | 2441.4336 | ---        | ---     |
|          |         | 2480      | 0.91143   | 2479.5203 | 2480.4318 | ---        | ---     |
| 2DH1     | Ant1    | 2402      | 1.1802    | 2401.3956 | 2402.5758 | ---        | ---     |
|          |         | 2441      | 1.1799    | 2440.3962 | 2441.5761 | ---        | ---     |
|          |         | 2480      | 1.1816    | 2479.3942 | 2480.5758 | ---        | ---     |
| 3DH1     | Ant1    | 2402      | 1.1657    | 2401.4074 | 2402.5731 | ---        | ---     |
|          |         | 2441      | 1.1634    | 2440.4104 | 2441.5738 | ---        | ---     |
|          |         | 2480      | 1.1650    | 2479.4076 | 2480.5726 | ---        | ---     |

## Test Graphs

DH1\_Ant1\_2402



DH1\_Ant1\_2441



DH1\_Ant1\_2480



2DH1\_Ant1\_2402



2DH1\_Ant1\_2441



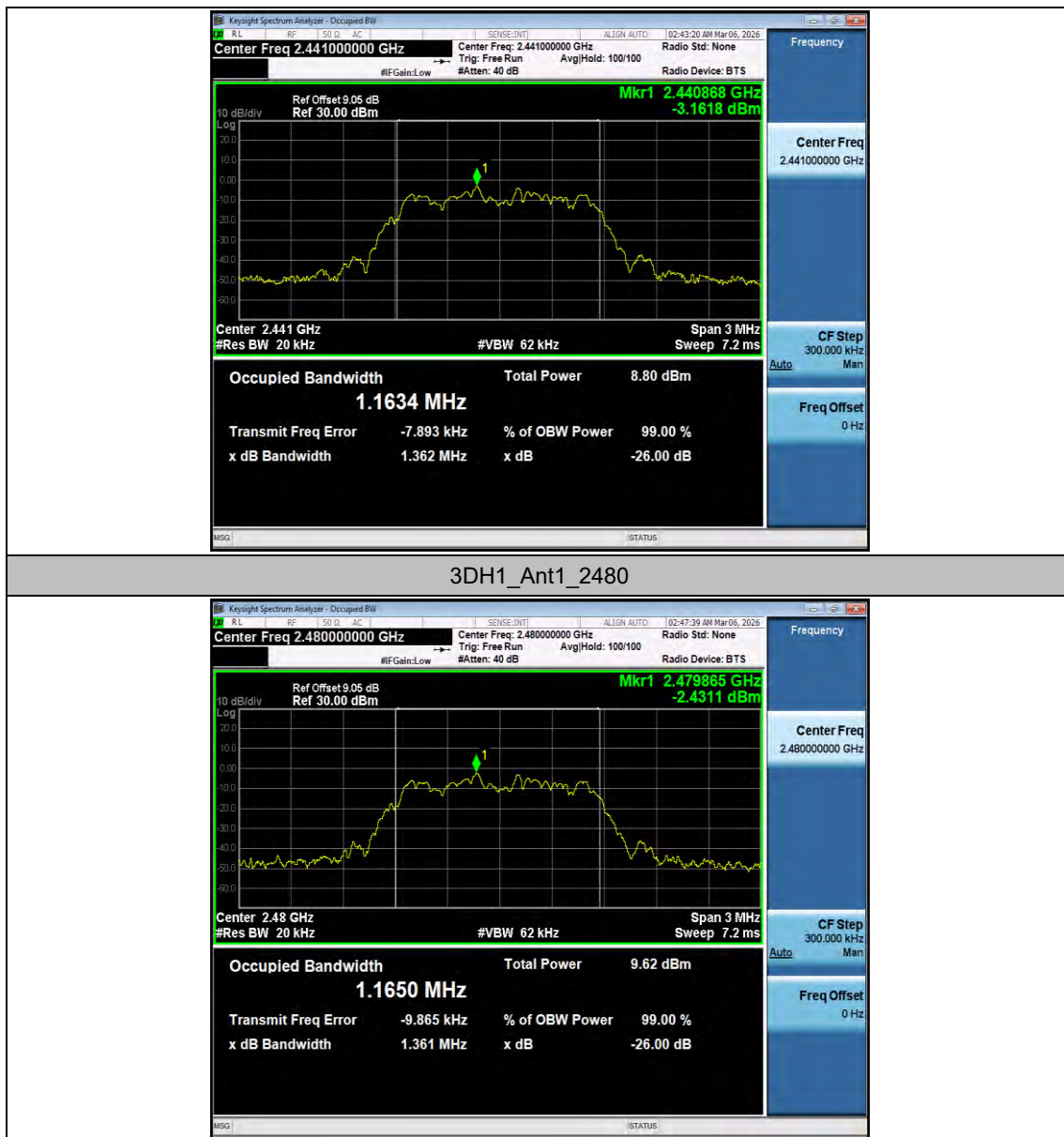
## 2DH1\_Ant1\_2480



## 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      | 5.10                      | ≤20.97               | PASS    |
|           |         | 2441      | 7.77                      | ≤20.97               | PASS    |
|           |         | 2480      | 8.46                      | ≤20.97               | PASS    |
| 2DH1      | Ant1    | 2402      | 5.11                      | ≤20.97               | PASS    |
|           |         | 2441      | 7.77                      | ≤20.97               | PASS    |
|           |         | 2480      | 10.59                     | ≤20.97               | PASS    |
| 3DH1      | Ant1    | 2402      | 6.53                      | ≤20.97               | PASS    |
|           |         | 2441      | 8.15                      | ≤20.97               | PASS    |
|           |         | 2480      | 10.98                     | ≤20.97               | PASS    |

## AppendixA.4: Carrier frequency separation

### Test Result

| TestMode | Antenna | Freq(MHz) | Result[MHz] | Limit[MHz]   | Verdict |
|----------|---------|-----------|-------------|--------------|---------|
| DH1      | Ant1    | Hop_2402  | 1           | $\geq 0.690$ | PASS    |
|          |         | Hop_2441  | 1.326       | $\geq 0.690$ | PASS    |
|          |         | Hop_2480  | 0.986       | $\geq 0.690$ | PASS    |
| 2DH1     | Ant1    | Hop_2402  | 1.328       | $\geq 0.900$ | PASS    |
|          |         | Hop_2441  | 1.334       | $\geq 0.900$ | PASS    |
|          |         | Hop_2480  | 1.008       | $\geq 0.900$ | PASS    |
| 3DH1     | Ant1    | Hop_2402  | 1.328       | $\geq 0.864$ | PASS    |
|          |         | Hop_2441  | 0.996       | $\geq 0.864$ | PASS    |
|          |         | Hop_2480  | 1.332       | $\geq 0.864$ | 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

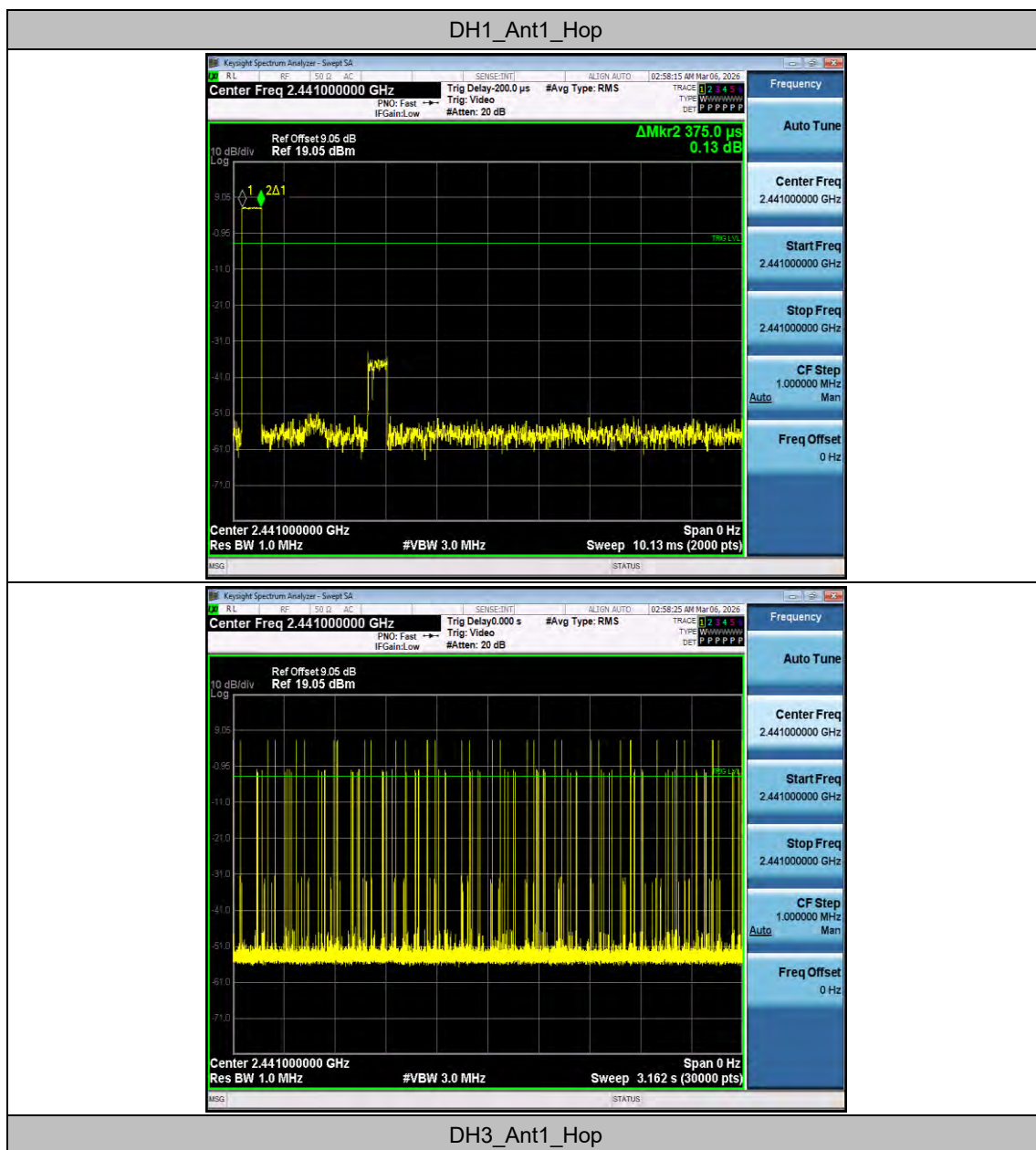


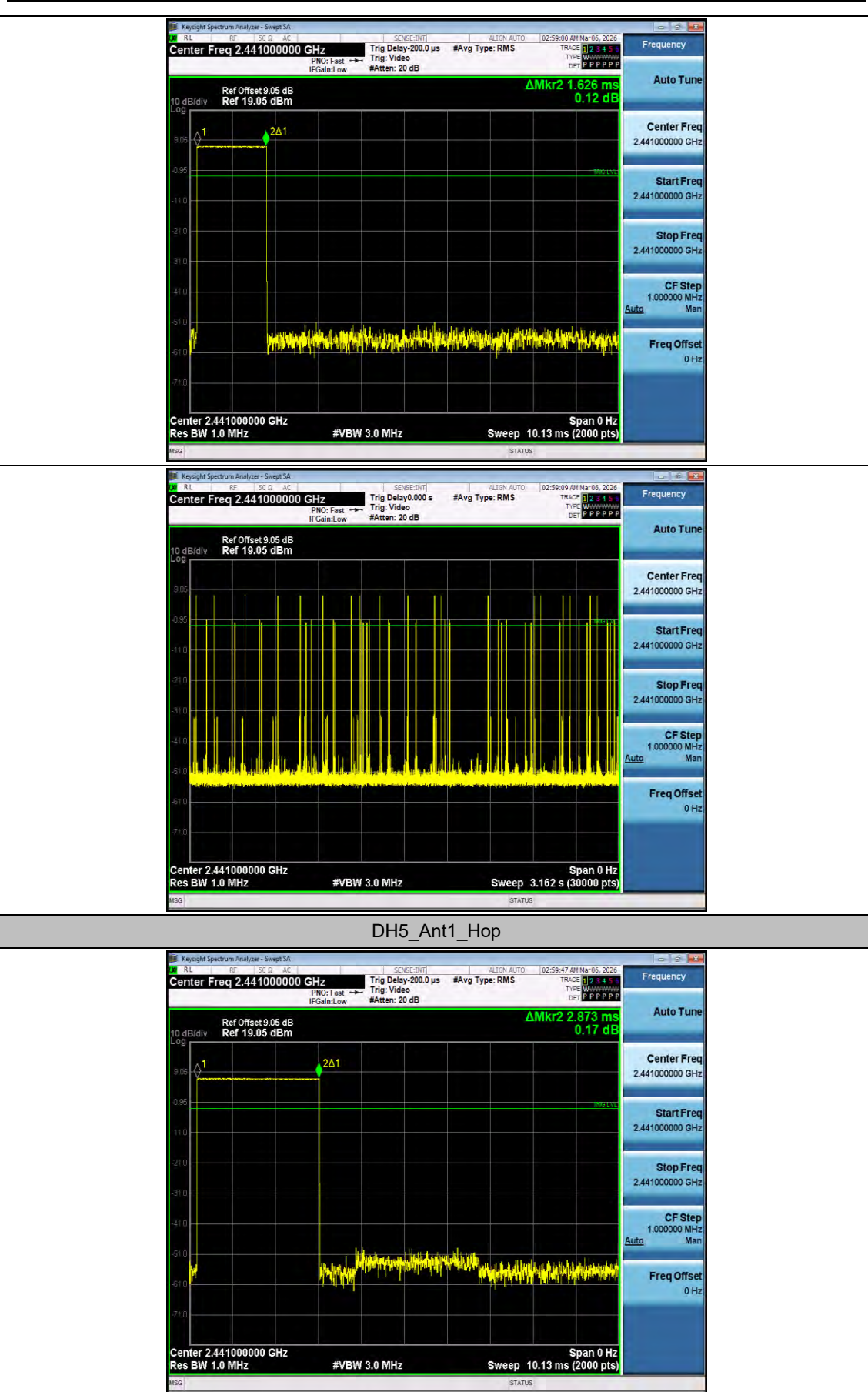
## AppendixA.5: Time of occupancy

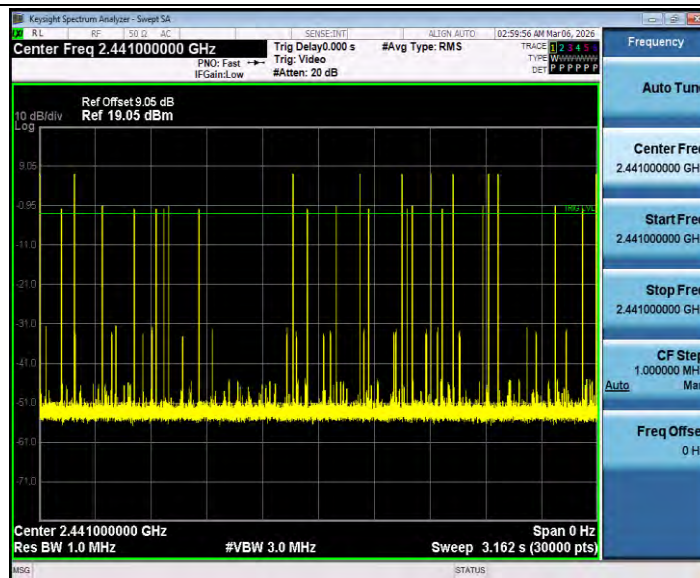
### Test Result

| TestMode | Antenna | Freq(MHz) | BurstWidth<br>[ms] | TotalHops<br>[Num] | Result[s] | Limit[s] | Verdict |
|----------|---------|-----------|--------------------|--------------------|-----------|----------|---------|
| DH1      | Ant1    | Hop       | 0.375              | 330                | 0.124     | ≤0.4     | PASS    |
| DH3      | Ant1    | Hop       | 1.626              | 210                | 0.341     | ≤0.4     | PASS    |
| DH5      | Ant1    | Hop       | 2.873              | 100                | 0.287     | ≤0.4     | PASS    |
| 2DH1     | Ant1    | Hop       | 0.380              | 330                | 0.125     | ≤0.4     | PASS    |
| 2DH3     | Ant1    | Hop       | 1.631              | 170                | 0.277     | ≤0.4     | PASS    |
| 2DH5     | Ant1    | Hop       | 2.883              | 120                | 0.346     | ≤0.4     | PASS    |
| 3DH1     | Ant1    | Hop       | 0.380              | 330                | 0.125     | ≤0.4     | PASS    |
| 3DH3     | Ant1    | Hop       | 1.637              | 170                | 0.278     | ≤0.4     | PASS    |
| 3DH5     | Ant1    | Hop       | 2.883              | 110                | 0.317     | ≤0.4     | PASS    |

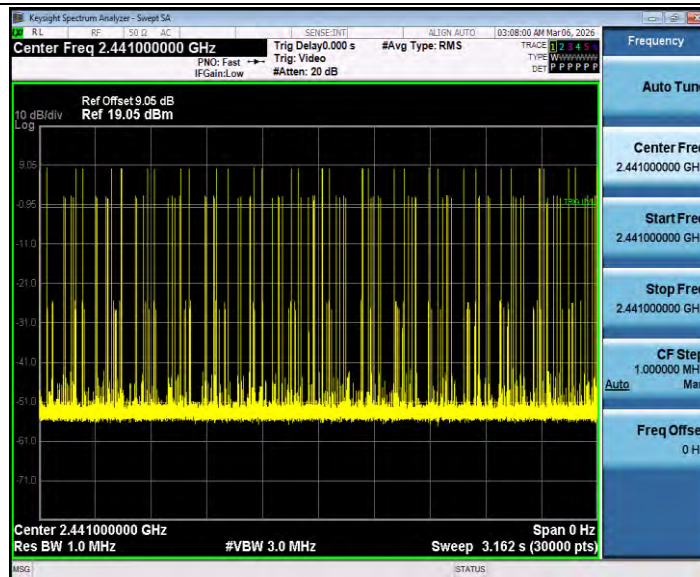
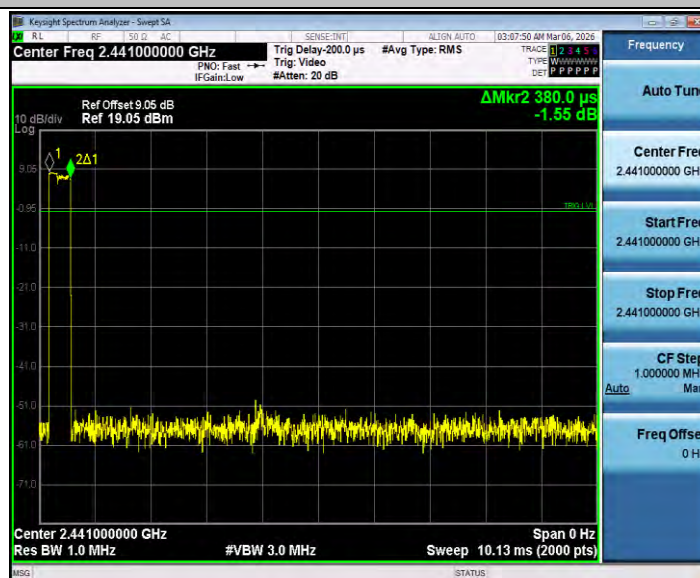
## Test Graphs



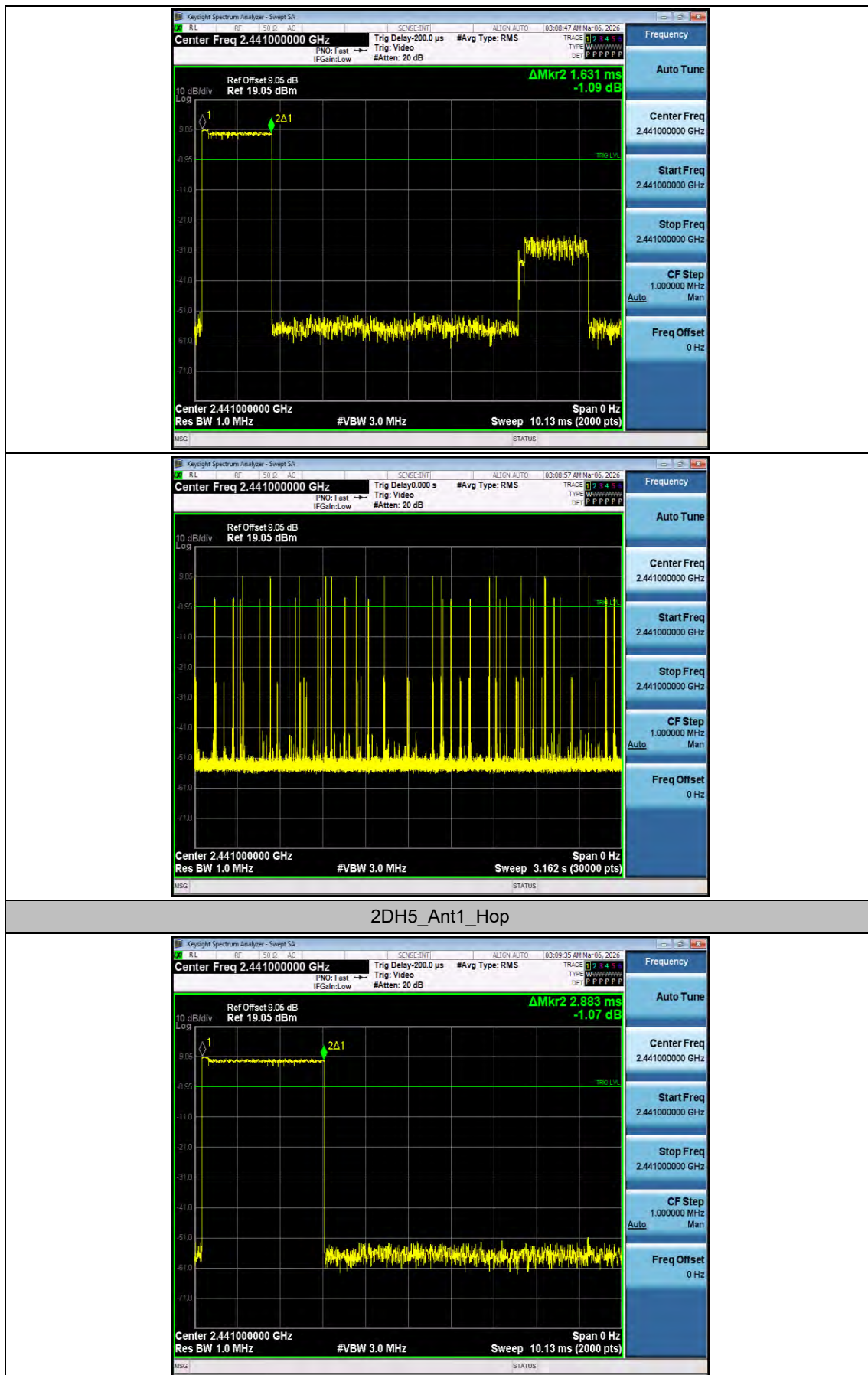


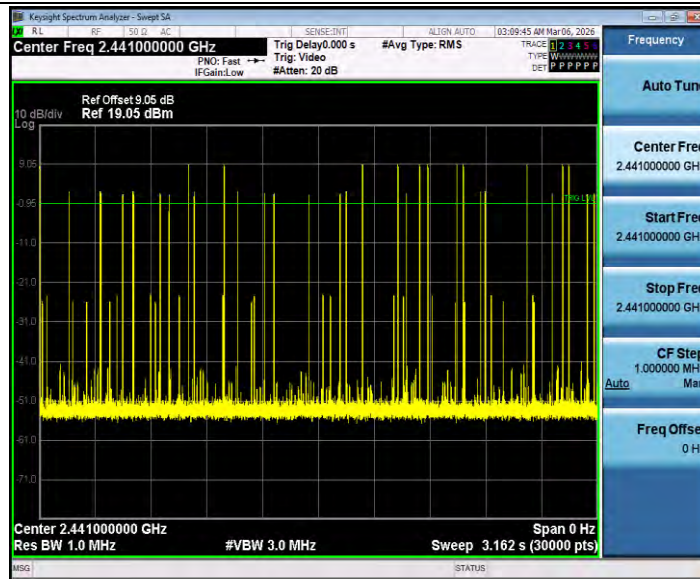


2DH1\_Ant1\_Hop

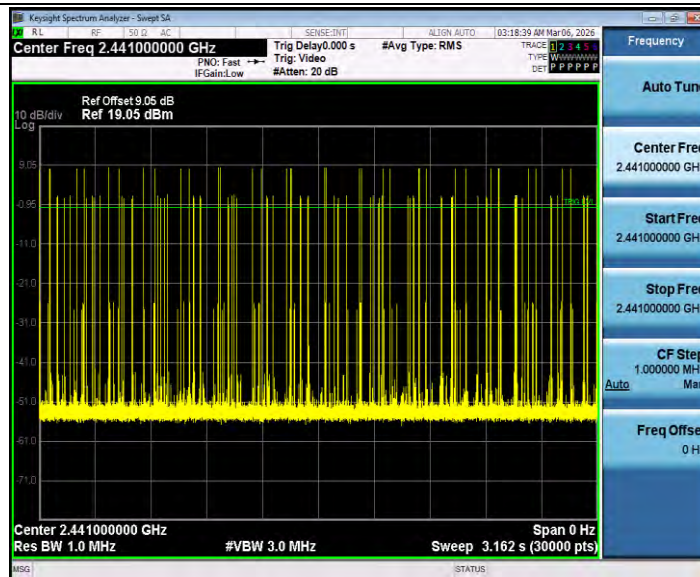
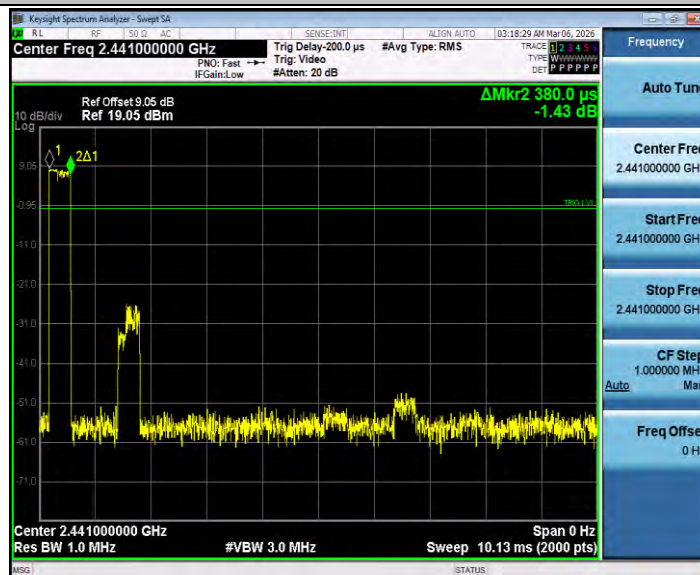


2DH3\_Ant1\_Hop

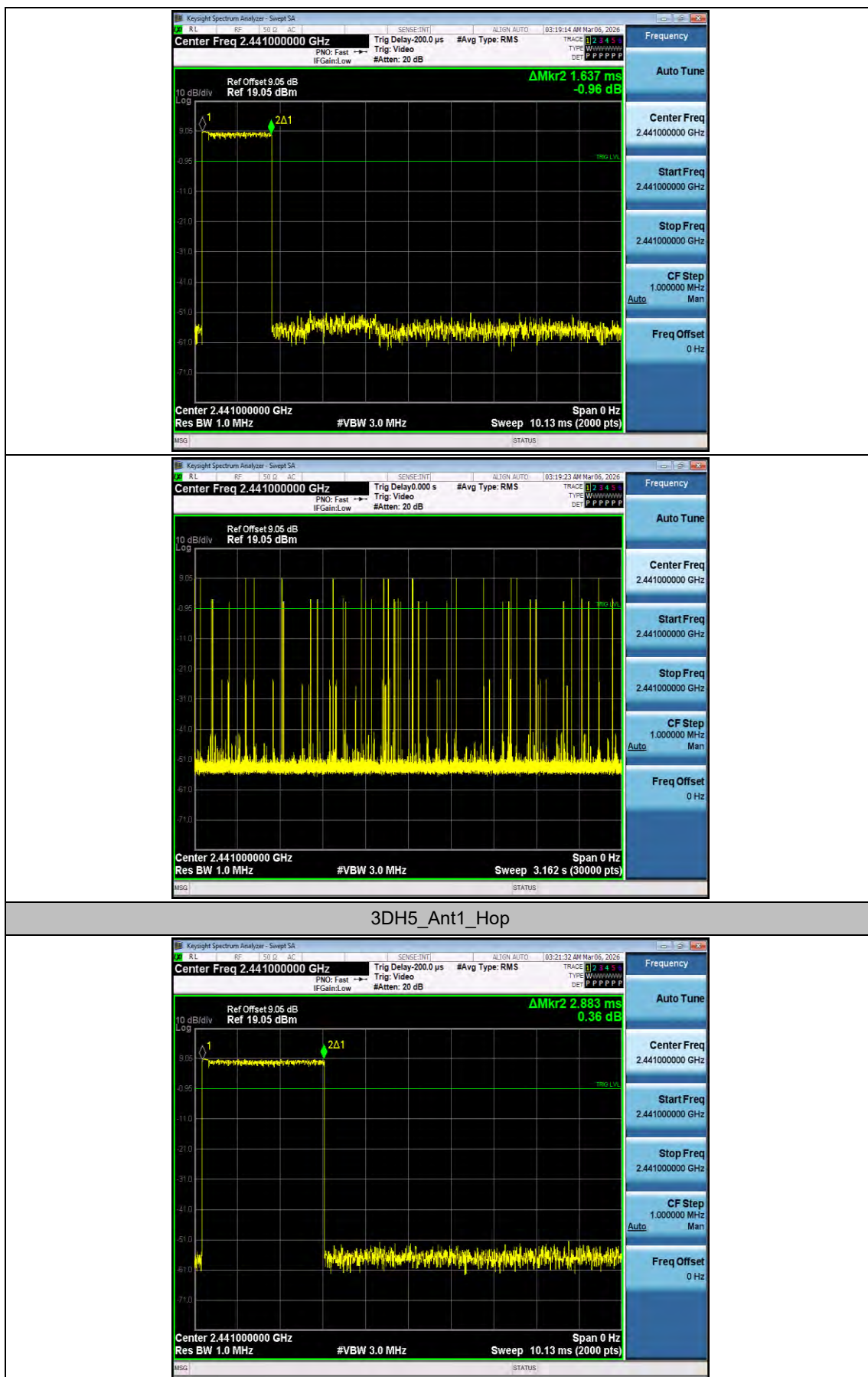




3DH1\_Ant1\_Hop



3DH3\_Ant1\_Hop



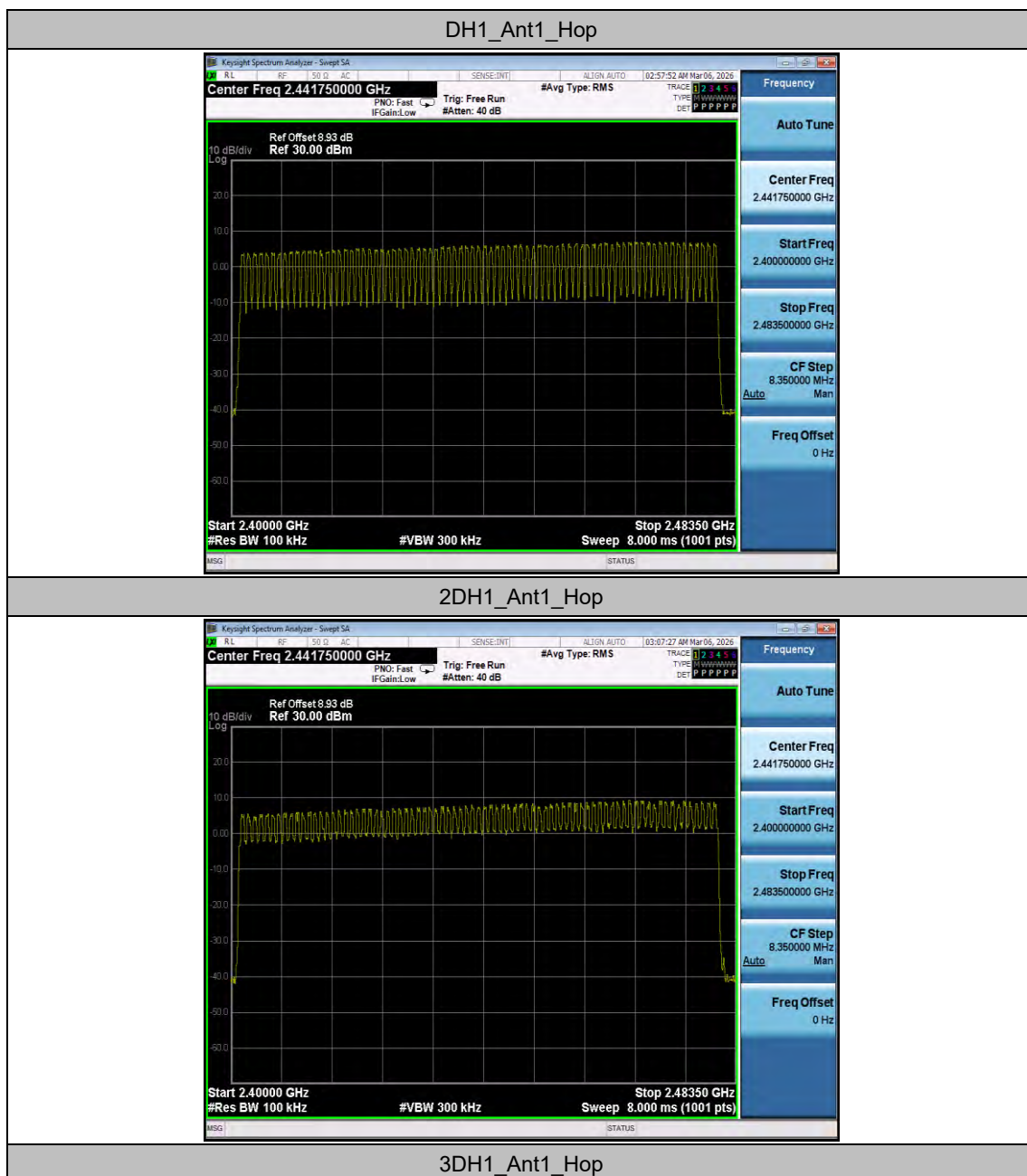


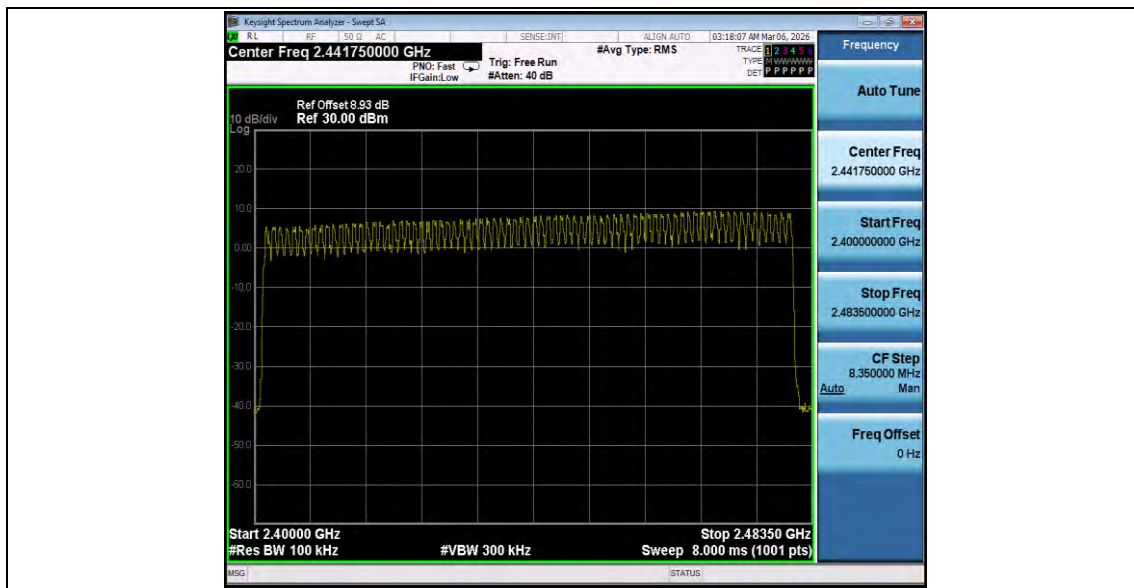
## AppendixA.6: Number of hopping channels

### 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





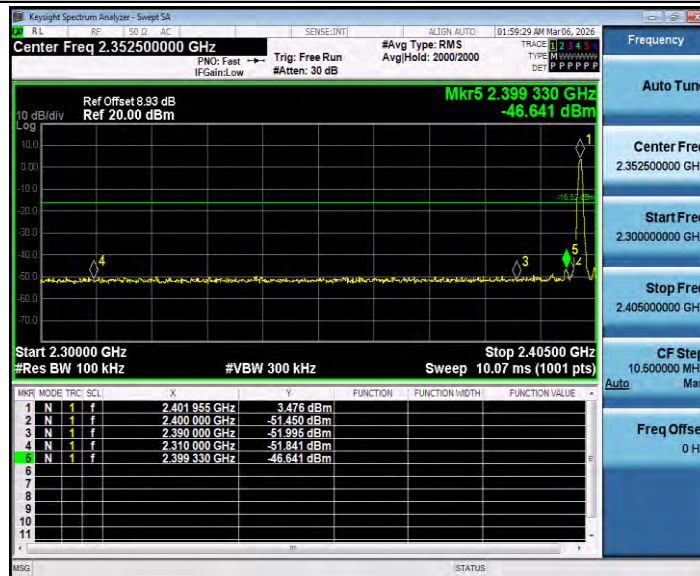
## Appendix A.7: Band edge measurements

### Test Result

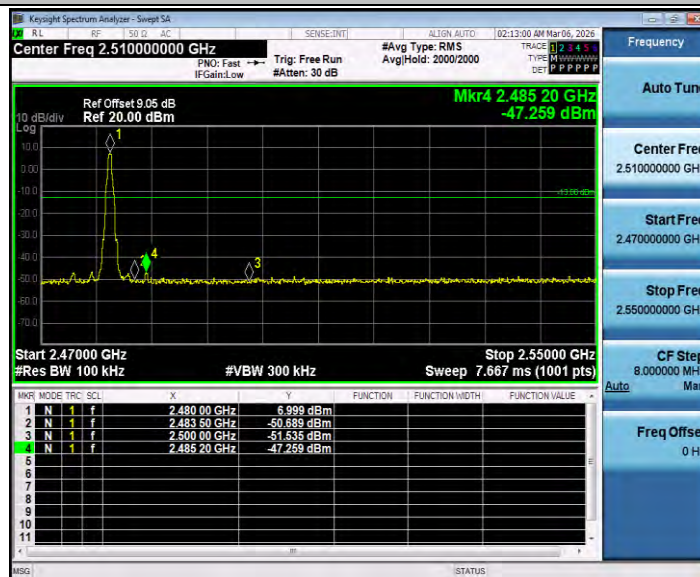
| TestMode | Antenna | ChName | Freq(MHz) | RefLevel [dBm] | Result [dBm] | Limit [dBm]   | Verdict |
|----------|---------|--------|-----------|----------------|--------------|---------------|---------|
| DH1      | Ant1    | Low    | 2402      | 3.48           | -46.64       | $\leq -16.52$ | PASS    |
|          |         | High   | 2480      | 7.00           | -47.26       | $\leq -13$    | PASS    |
|          |         | Low    | Hop_2402  | 3.20           | -49.21       | $\leq -16.8$  | PASS    |
|          |         | High   | Hop_2480  | 7.73           | -47.3        | $\leq -12.27$ | PASS    |
| 2DH1     | Ant1    | Low    | 2402      | -0.88          | -48.46       | $\leq -20.88$ | PASS    |
|          |         | High   | 2480      | 2.78           | -48.45       | $\leq -17.23$ | PASS    |
|          |         | Low    | Hop_2402  | 4.19           | -48.4        | $\leq -15.81$ | PASS    |
|          |         | High   | Hop_2480  | 9.20           | -46.9        | $\leq -10.8$  | PASS    |
| 3DH1     | Ant1    | Low    | 2402      | -0.60          | -48.94       | $\leq -20.6$  | PASS    |
|          |         | High   | 2480      | 3.06           | -48.61       | $\leq -16.94$ | PASS    |
|          |         | Low    | Hop_2402  | 5.37           | -48.33       | $\leq -14.63$ | PASS    |
|          |         | High   | Hop_2480  | 9.67           | -47.52       | $\leq -10.33$ | PASS    |

## Test Graphs

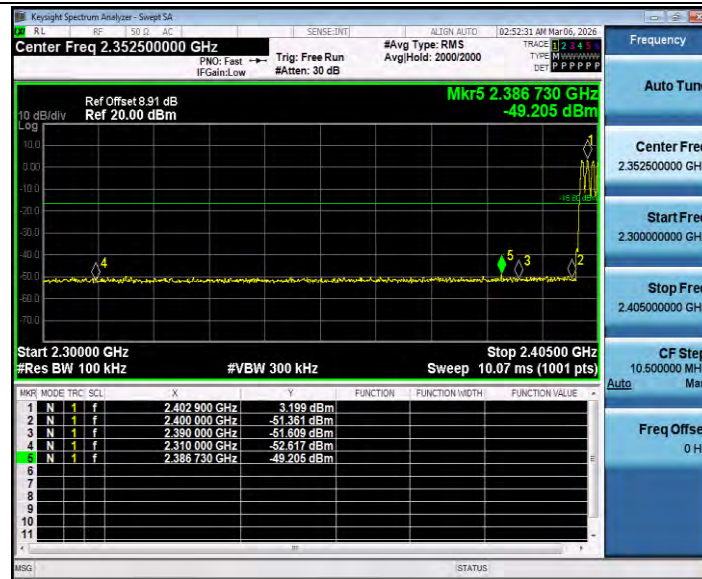
DH1\_Ant1\_Low\_2402



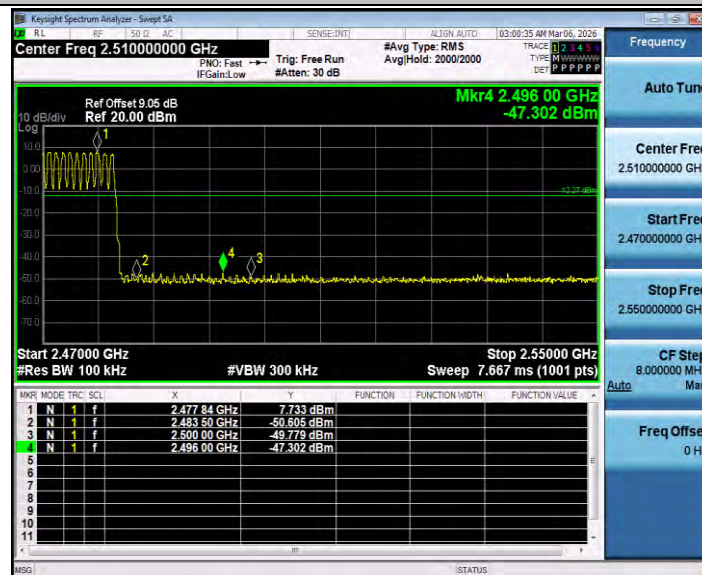
DH1\_Ant1\_High\_2480



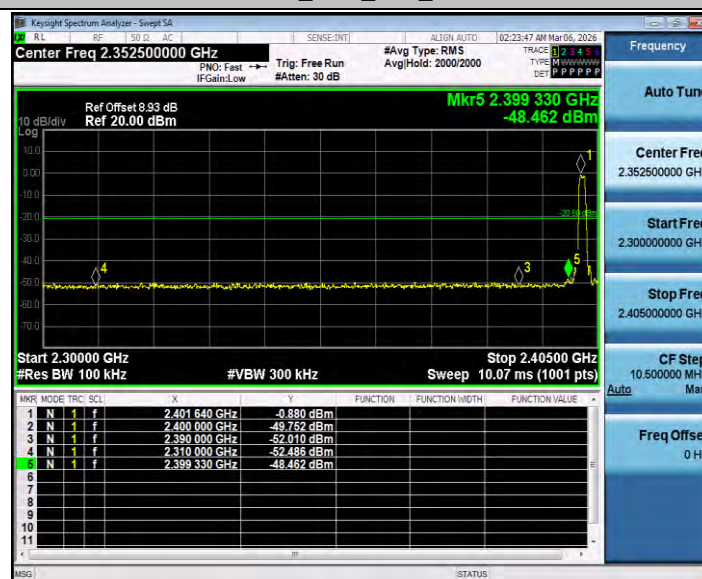
DH1\_Ant1\_Low\_Hop\_2402



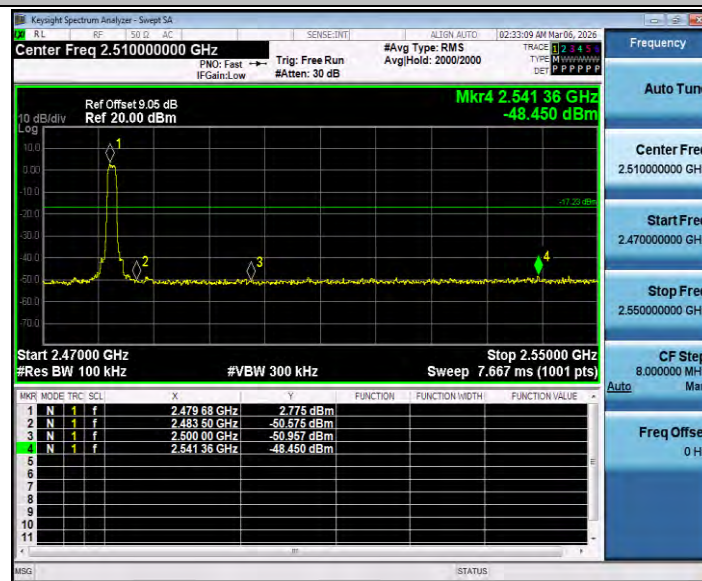
DH1\_Ant1\_High\_Hop\_2480



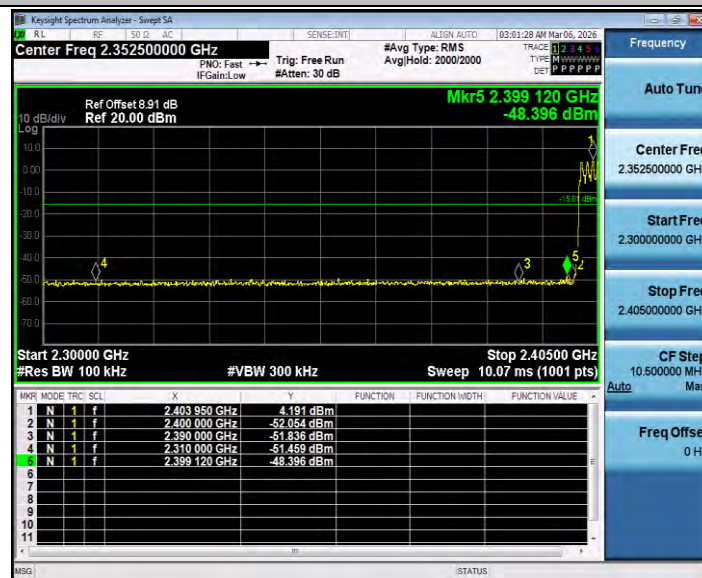
2DH1\_Ant1\_Low\_2402



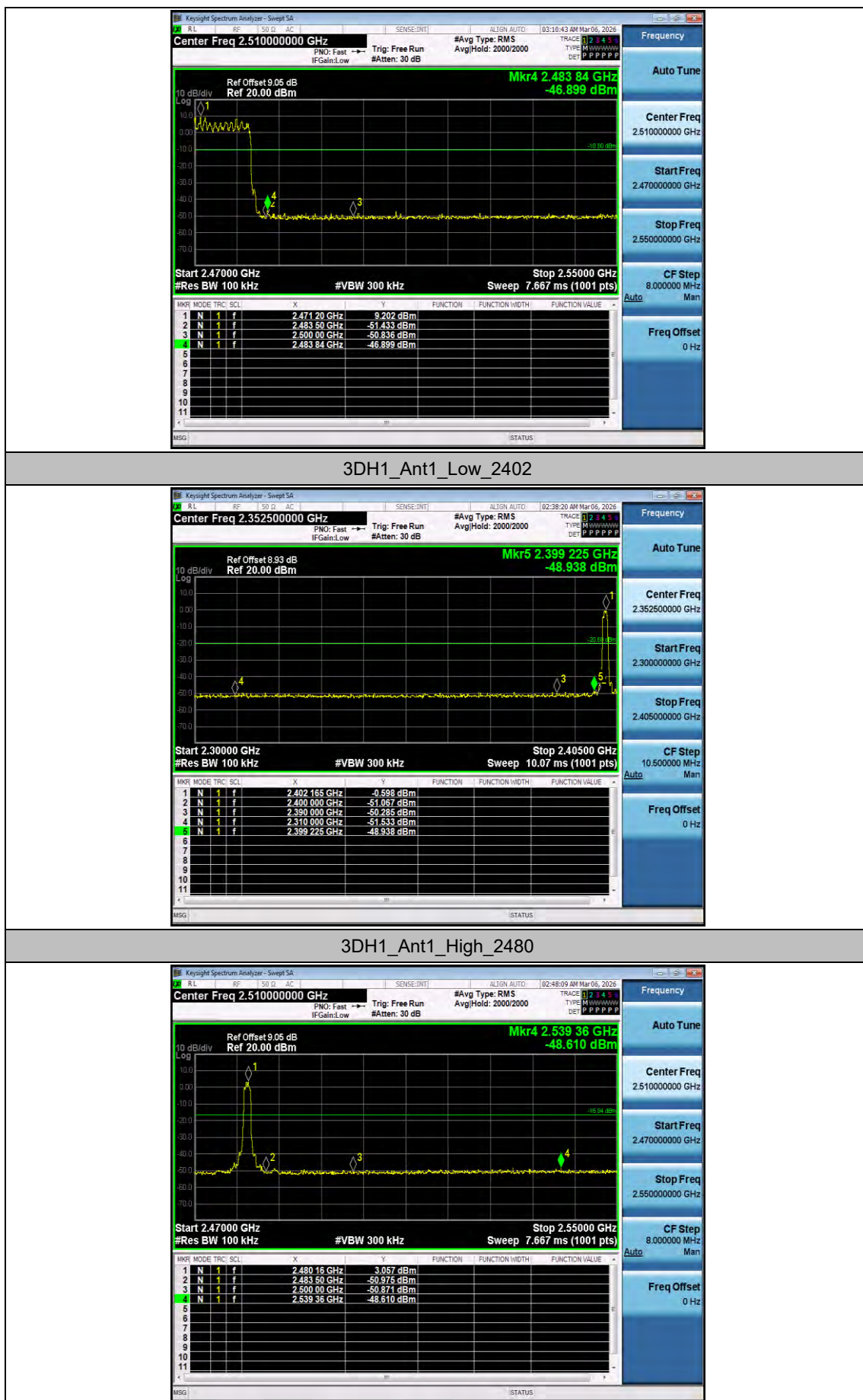
## 2DH1\_Ant1\_High\_2480



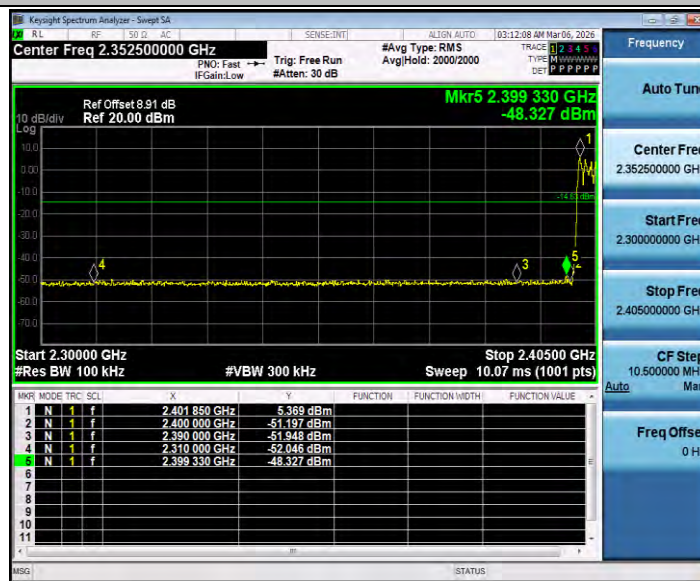
## 2DH1\_Ant1\_Low\_Hop\_2402



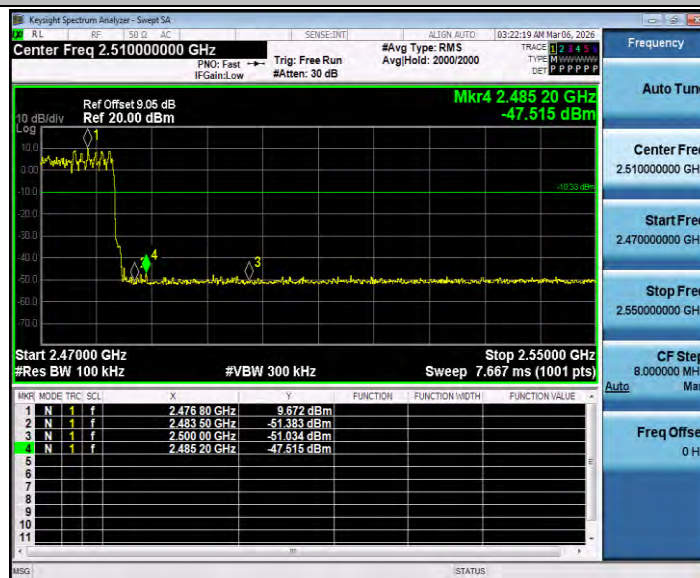
## 2DH1\_Ant1\_High\_Hop\_2480



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



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

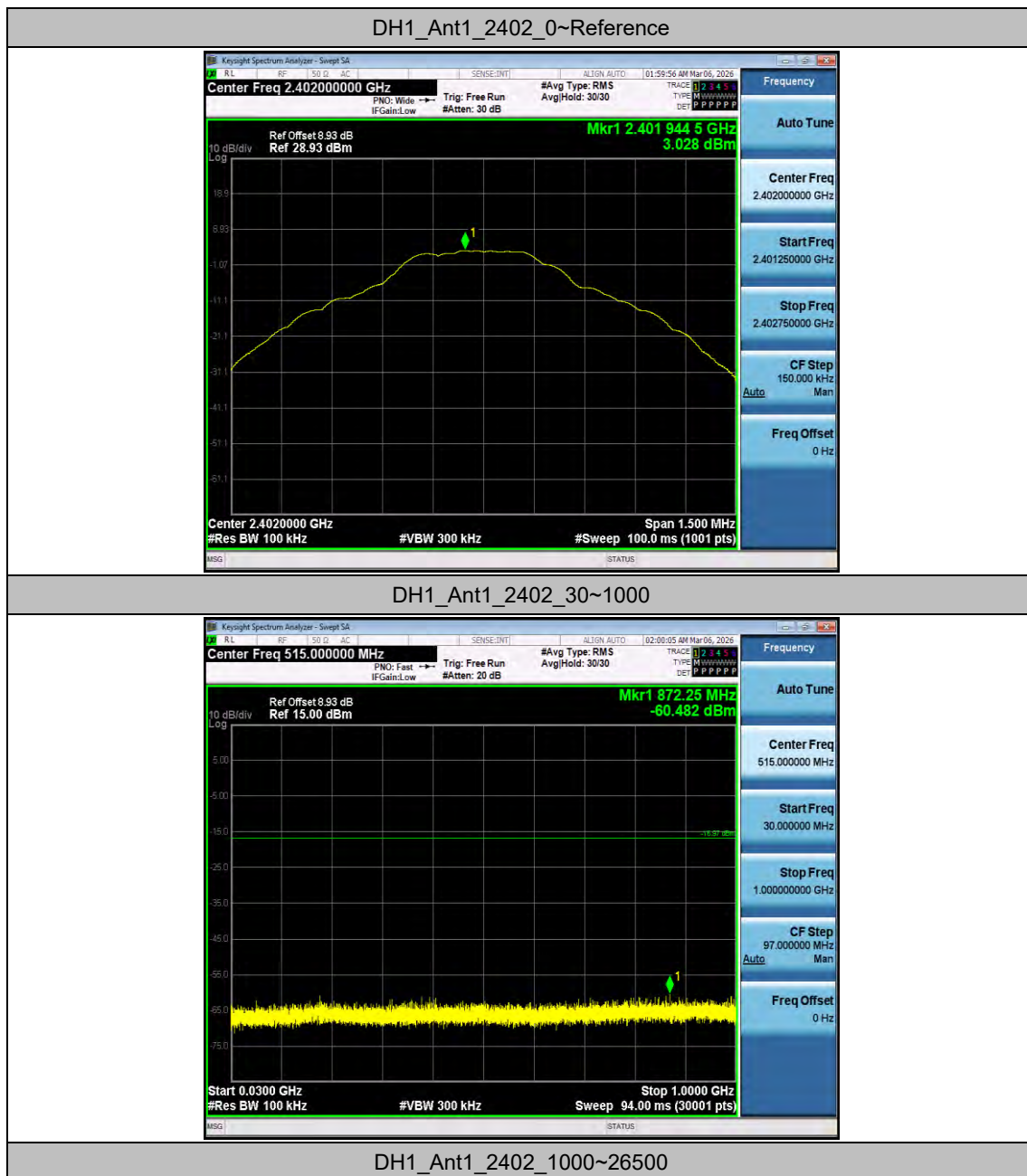


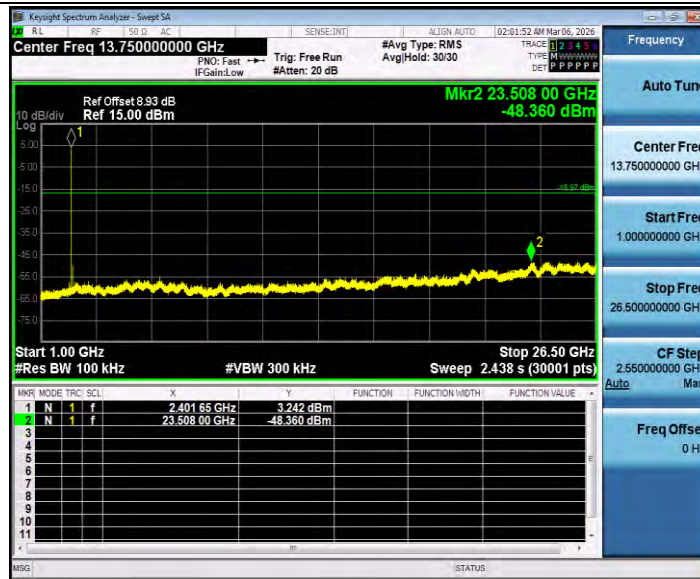
## Appendix A.8: Conducted Spurious Emission

### Test Result

| TestMode | Antenna | Freq(MHz) | FreqRange [MHz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|----------|---------|-----------|-----------------|----------------|--------------|-------------|---------|
| DH1      | Ant1    | 2402      | Reference       | 3.03           | 3.03         | ---         | PASS    |
|          |         |           | 30~1000         | 3.03           | -60.48       | ≤-16.97     | PASS    |
|          |         |           | 1000~26500      | 3.03           | -48.36       | ≤-16.97     | PASS    |
|          |         | 2441      | Reference       | 5.70           | 5.70         | ---         | PASS    |
|          |         |           | 30~1000         | 5.70           | -59.91       | ≤-14.3      | PASS    |
|          |         |           | 1000~26500      | 5.70           | -46.82       | ≤-14.3      | PASS    |
|          |         | 2480      | Reference       | 6.50           | 6.50         | ---         | PASS    |
|          |         |           | 30~1000         | 6.50           | -60.3        | ≤-13.5      | PASS    |
|          |         |           | 1000~26500      | 6.50           | -47.48       | ≤-13.5      | PASS    |
| 2DH1     | Ant1    | 2402      | Reference       | -1.04          | -1.04        | ---         | PASS    |
|          |         |           | 30~1000         | -1.04          | -59.56       | ≤-21.04     | PASS    |
|          |         |           | 1000~26500      | -1.04          | -47.07       | ≤-21.04     | PASS    |
|          |         | 2441      | Reference       | 1.71           | 1.71         | ---         | PASS    |
|          |         |           | 30~1000         | 1.71           | -59.96       | ≤-18.29     | PASS    |
|          |         |           | 1000~26500      | 1.71           | -47.65       | ≤-18.29     | PASS    |
|          |         | 2480      | Reference       | 2.61           | 2.61         | ---         | PASS    |
|          |         |           | 30~1000         | 2.61           | -59.87       | ≤-17.39     | PASS    |
|          |         |           | 1000~26500      | 2.61           | -47.52       | ≤-17.39     | PASS    |
| 3DH1     | Ant1    | 2402      | Reference       | -1.07          | -1.07        | ---         | PASS    |
|          |         |           | 30~1000         | -1.07          | -60.91       | ≤-21.07     | PASS    |
|          |         |           | 1000~26500      | -1.07          | -46.49       | ≤-21.07     | PASS    |
|          |         | 2441      | Reference       | 1.76           | 1.76         | ---         | PASS    |
|          |         |           | 30~1000         | 1.76           | -60.78       | ≤-18.24     | PASS    |
|          |         |           | 1000~26500      | 1.76           | -47.87       | ≤-18.24     | PASS    |
|          |         | 2480      | Reference       | 2.63           | 2.63         | ---         | PASS    |
|          |         |           | 30~1000         | 2.63           | -60.66       | ≤-17.37     | PASS    |
|          |         |           | 1000~26500      | 2.63           | -47.76       | ≤-17.37     | PASS    |

## Test Graphs

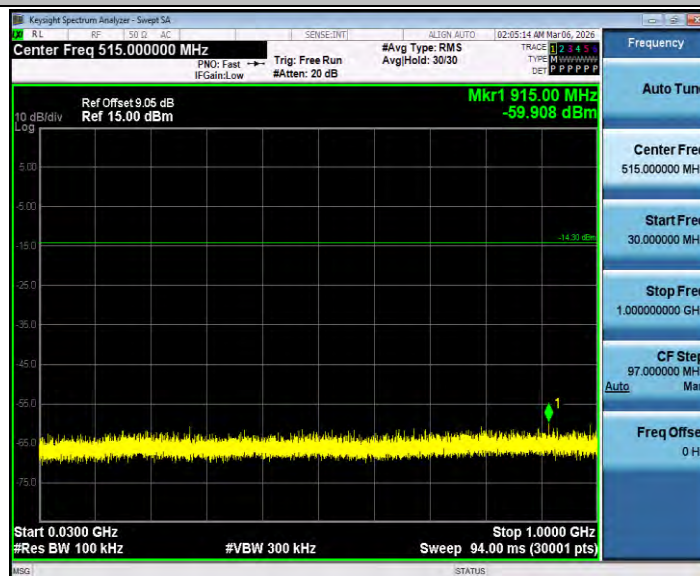




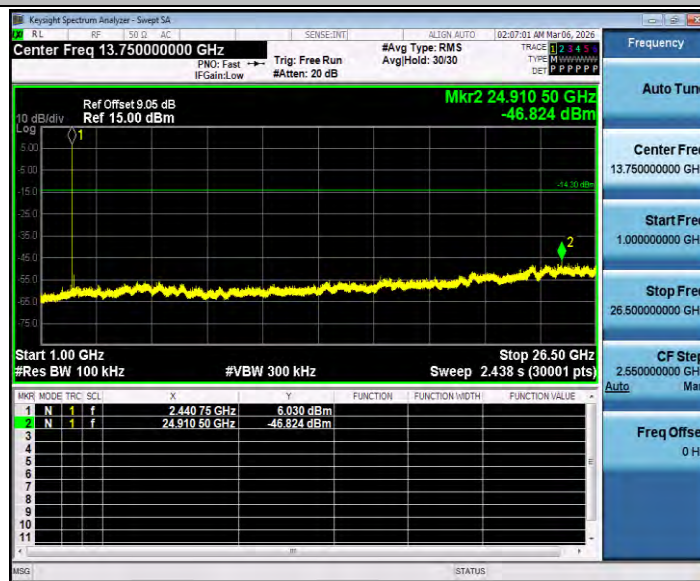
DH1\_Ant1\_2441\_0~Reference



DH1\_Ant1\_2441\_30~1000



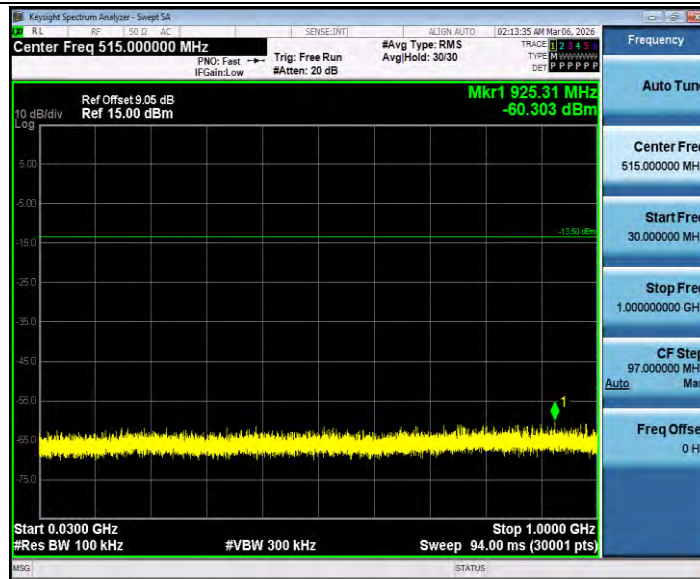
## DH1\_Ant1\_2441\_1000~26500



## DH1\_Ant1\_2480\_0~Reference



## DH1\_Ant1\_2480\_30~1000



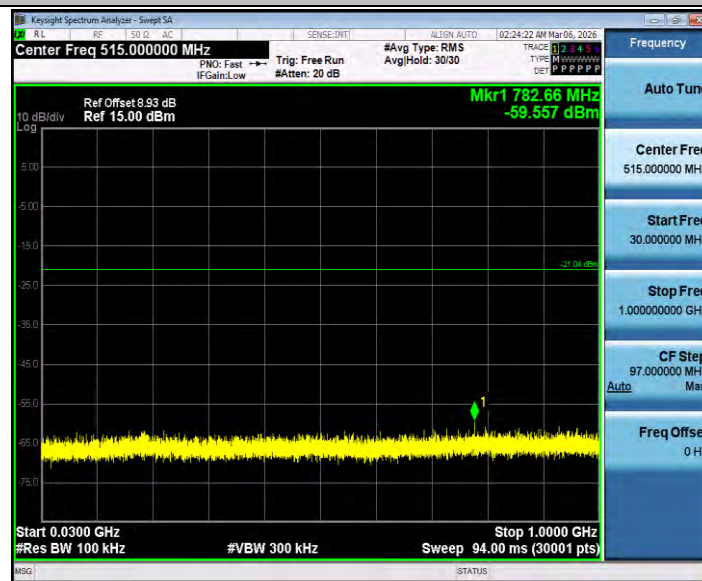
DH1\_Ant1\_2480\_1000~26500



2DH1\_Ant1\_2402\_0~Reference



## 2DH1\_Ant1\_2402\_30~1000



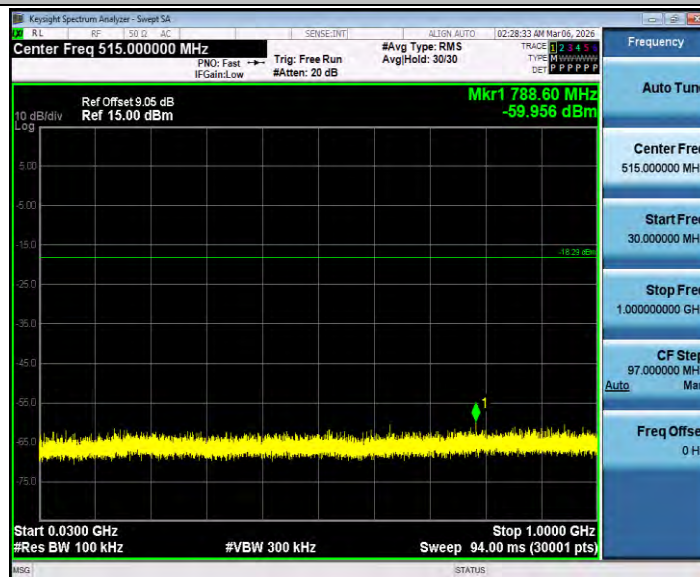
## 2DH1\_Ant1\_2402\_1000~26500



## 2DH1\_Ant1\_2441\_0~Reference



2DH1\_Ant1\_2441\_30~1000



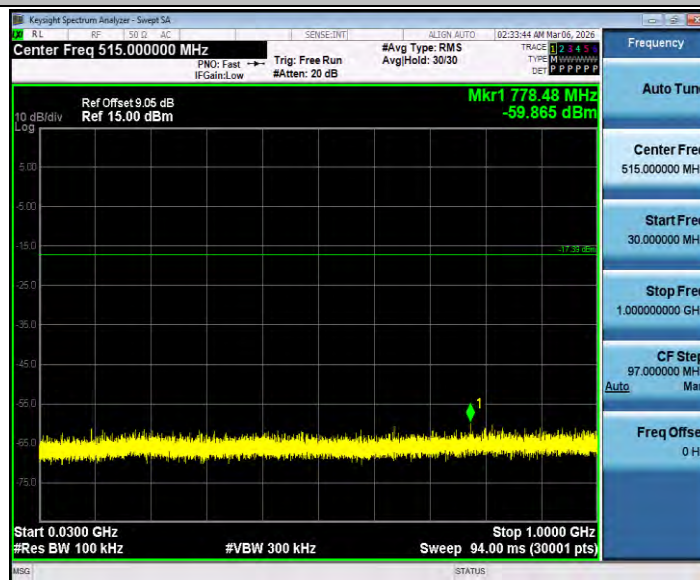
2DH1\_Ant1\_2441\_1000~26500



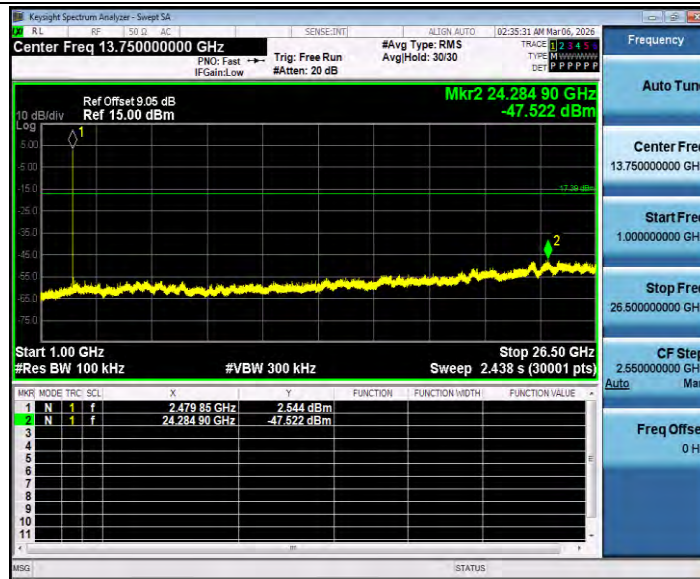
## 2DH1\_Ant1\_2480\_0~Reference



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



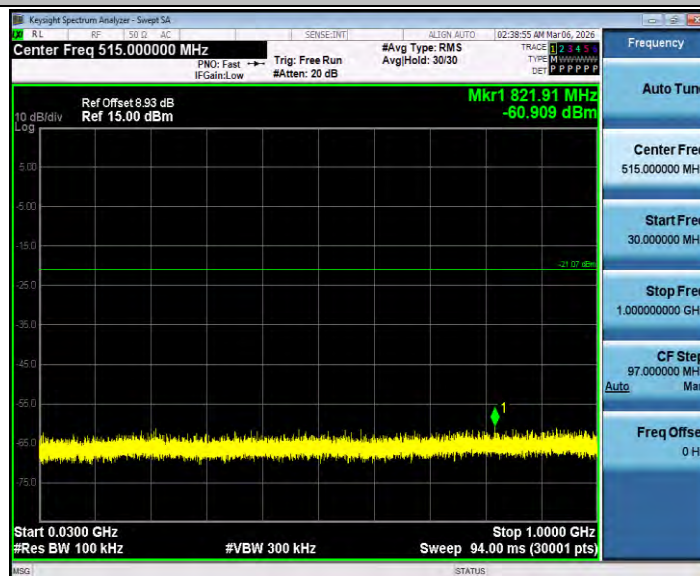
## 2DH1\_Ant1\_2480\_1000~26500



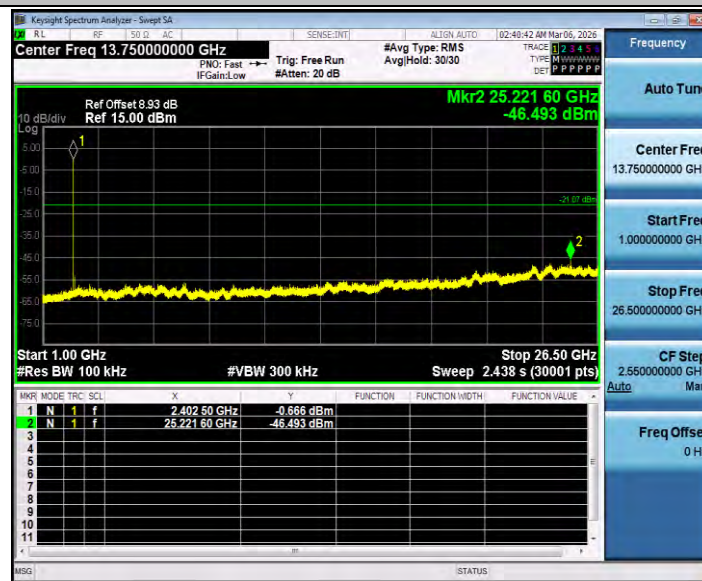
3DH1\_Ant1\_2402\_0~Reference



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

