

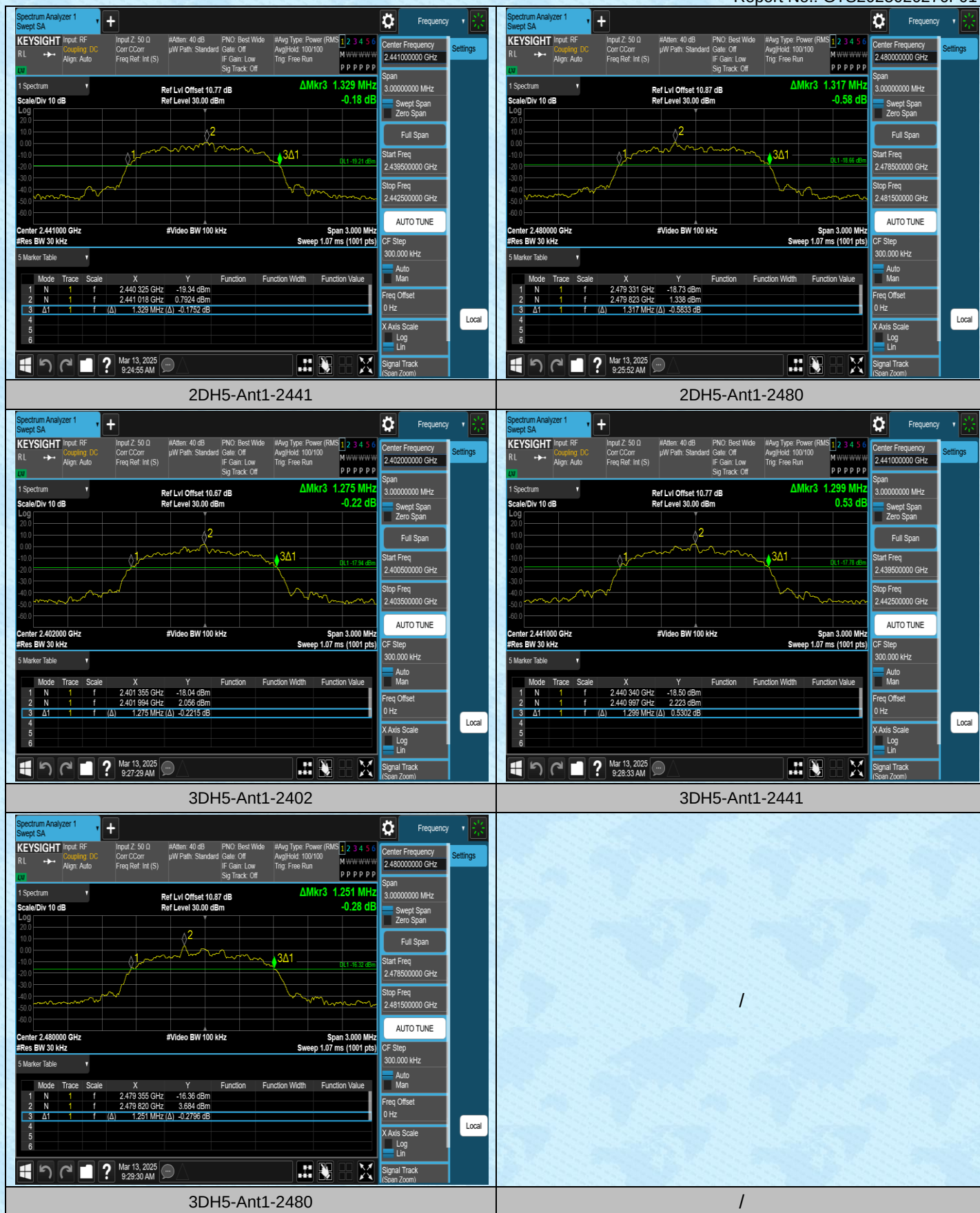
## AppendixA: 20dB Emission Bandwidth

## Test Result

| Test Mode | Antenna | Frequency[MHz] | 20db EBW[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|----------------|---------------|----------|----------|------------|---------|
| DH5       | Ant1    | 2402           | 0.966         | 2401.517 | 2402.483 | ---        | ---     |
| DH5       | Ant1    | 2441           | 0.954         | 2440.517 | 2441.471 | ---        | ---     |
| DH5       | Ant1    | 2480           | 0.969         | 2479.511 | 2480.480 | ---        | ---     |
| 2DH5      | Ant1    | 2402           | 1.290         | 2401.355 | 2402.645 | ---        | ---     |
| 2DH5      | Ant1    | 2441           | 1.329         | 2440.325 | 2441.654 | ---        | ---     |
| 2DH5      | Ant1    | 2480           | 1.317         | 2479.331 | 2480.648 | ---        | ---     |
| 3DH5      | Ant1    | 2402           | 1.275         | 2401.355 | 2402.630 | ---        | ---     |
| 3DH5      | Ant1    | 2441           | 1.299         | 2440.340 | 2441.639 | ---        | ---     |
| 3DH5      | Ant1    | 2480           | 1.251         | 2479.355 | 2480.606 | ---        | ---     |

## Test Graphs



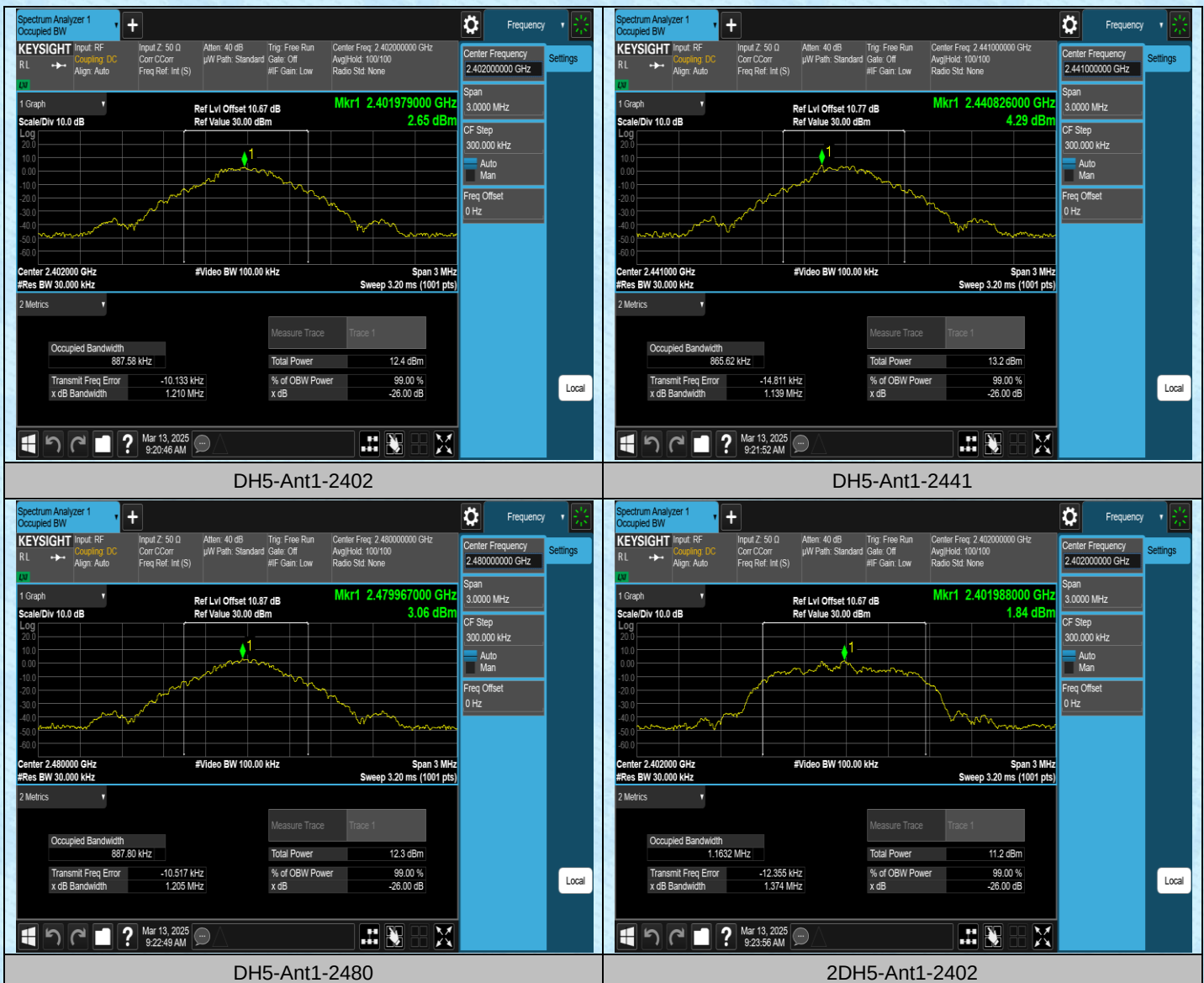


## AppendixB: Occupied Channel Bandwidth

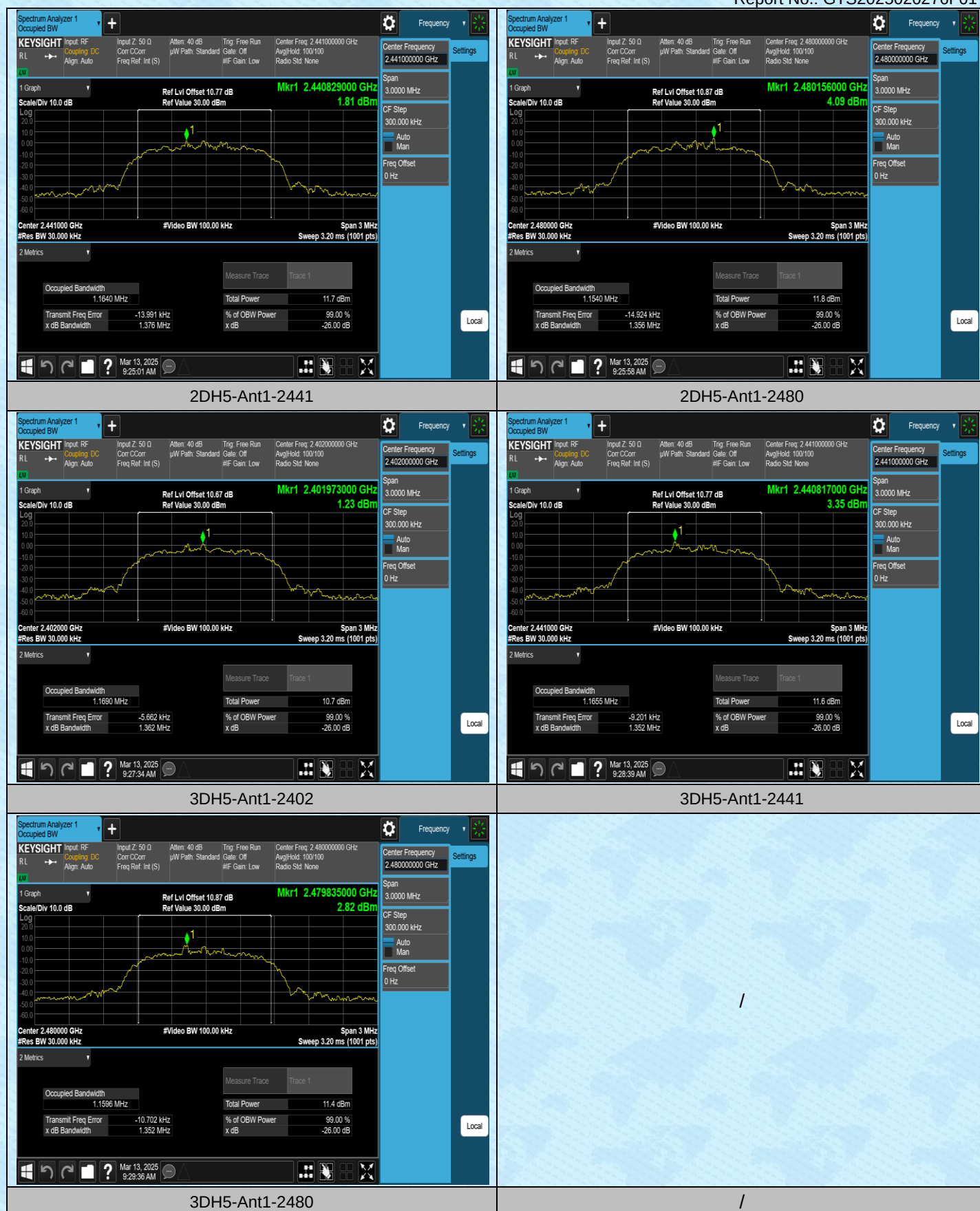
## Test Result

| Test Mode | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|-----------|---------|----------------|-----------|-----------|-----------|------------|---------|
| DH5       | Ant1    | 2402           | 0.88758   | 2401.5461 | 2402.4337 | ---        | ---     |
| DH5       | Ant1    | 2441           | 0.86562   | 2440.5524 | 2441.4180 | ---        | ---     |
| DH5       | Ant1    | 2480           | 0.88780   | 2479.5456 | 2480.4334 | ---        | ---     |
| 2DH5      | Ant1    | 2402           | 1.1632    | 2401.4061 | 2402.5693 | ---        | ---     |
| 2DH5      | Ant1    | 2441           | 1.1640    | 2440.4040 | 2441.5680 | ---        | ---     |
| 2DH5      | Ant1    | 2480           | 1.1540    | 2479.4081 | 2480.5621 | ---        | ---     |
| 3DH5      | Ant1    | 2402           | 1.1690    | 2401.4098 | 2402.5788 | ---        | ---     |
| 3DH5      | Ant1    | 2441           | 1.1655    | 2440.4081 | 2441.5736 | ---        | ---     |
| 3DH5      | Ant1    | 2480           | 1.1596    | 2479.4095 | 2480.5691 | ---        | ---     |

## Test Graphs





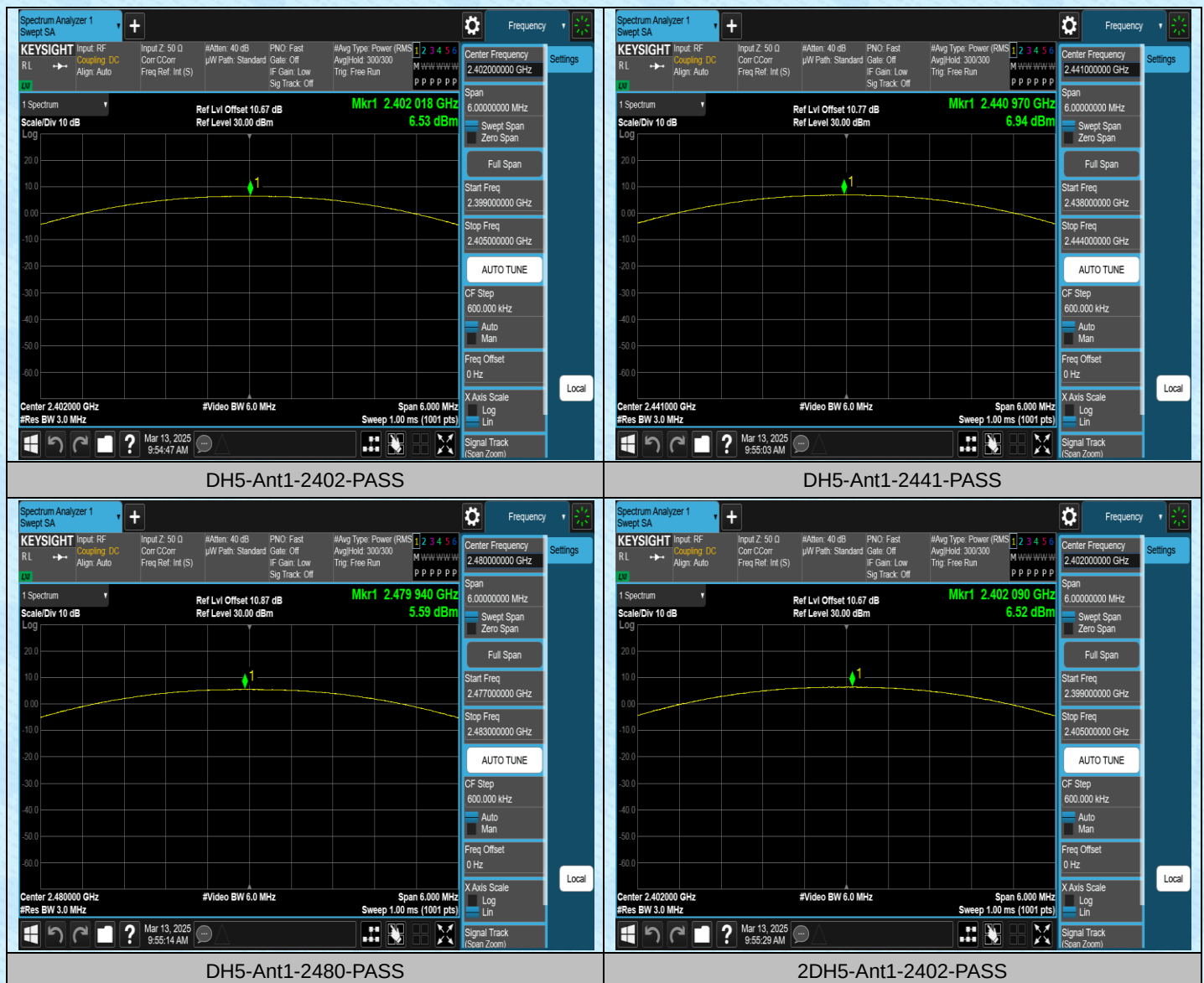


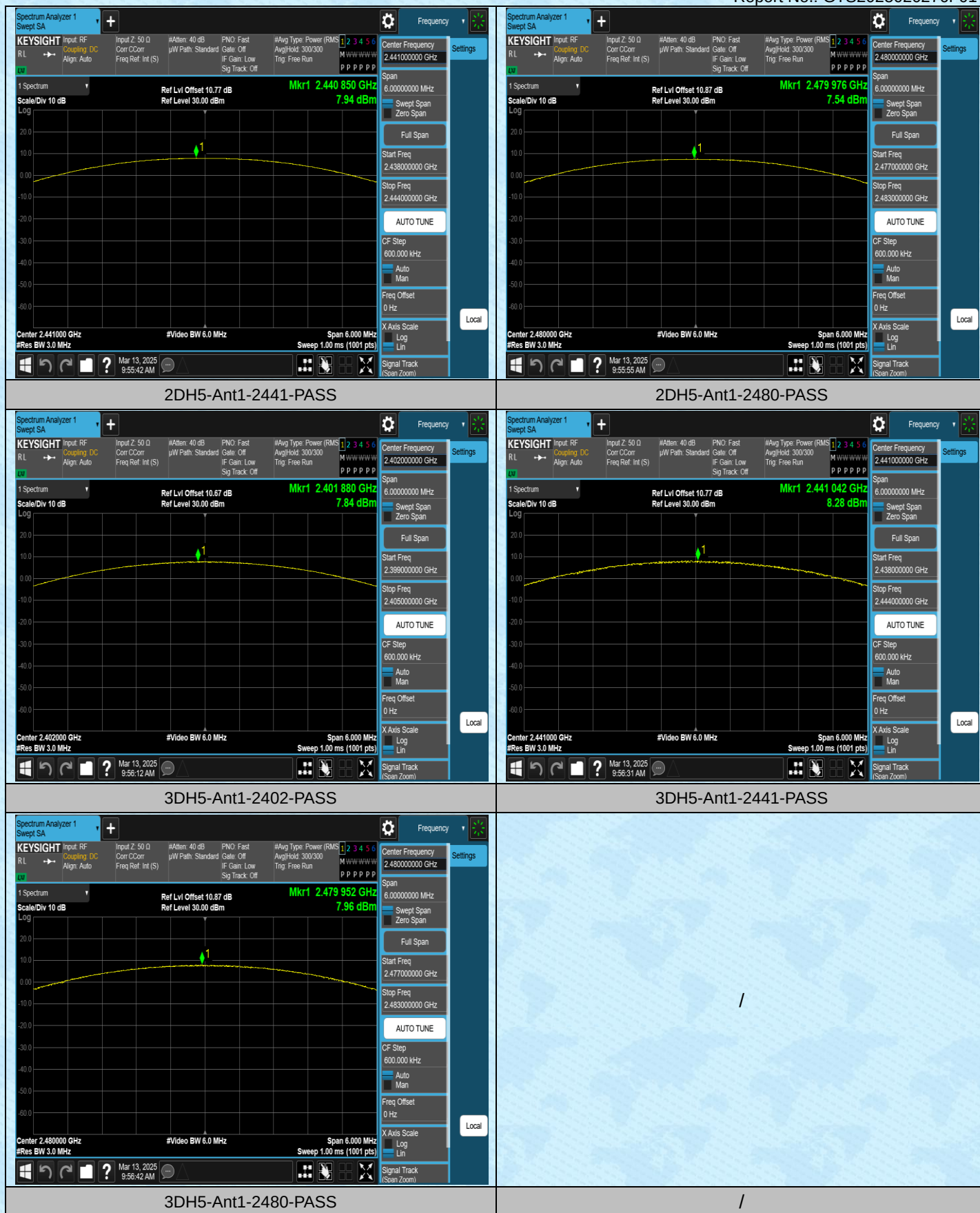
## AppendixC: Maximum conducted output power

### Test Result Peak

| Test Mode | Antenna | Frequency[MHz] | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|-----------|---------|----------------|---------------------------|----------------------|---------|
| DH5       | Ant1    | 2402           | 6.53                      | ≤30                  | PASS    |
| DH5       | Ant1    | 2441           | 6.94                      | ≤30                  | PASS    |
| DH5       | Ant1    | 2480           | 5.59                      | ≤30                  | PASS    |
| 2DH5      | Ant1    | 2402           | 6.52                      | ≤20.97               | PASS    |
| 2DH5      | Ant1    | 2441           | 7.94                      | ≤20.97               | PASS    |
| 2DH5      | Ant1    | 2480           | 7.54                      | ≤20.97               | PASS    |
| 3DH5      | Ant1    | 2402           | 7.84                      | ≤20.97               | PASS    |
| 3DH5      | Ant1    | 2441           | 8.28                      | ≤20.97               | PASS    |
| 3DH5      | Ant1    | 2480           | 7.97                      | ≤20.97               | PASS    |

### Test Graphs



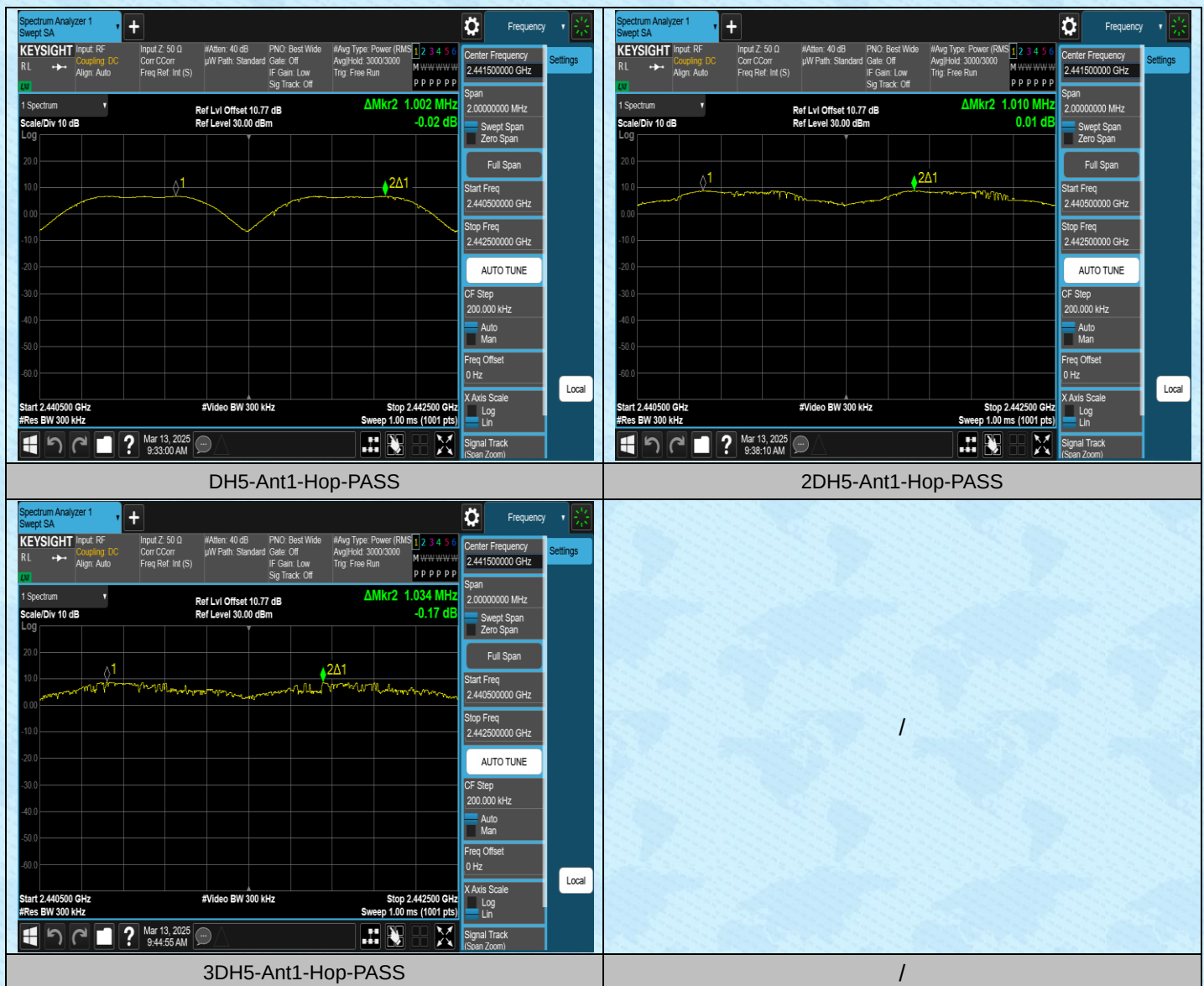


## AppendixD: Carrier frequency separation

## Test Result

| Test Mode | Antenna | Frequency[MHz] | Result[MHz] | Limit[MHz]   | Verdict |
|-----------|---------|----------------|-------------|--------------|---------|
| DH5       | Ant1    | Hop            | 1.002       | $\geq 0.969$ | PASS    |
| 2DH5      | Ant1    | Hop            | 1.01        | $\geq 0.886$ | PASS    |
| 3DH5      | Ant1    | Hop            | 1.034       | $\geq 0.866$ | PASS    |

## Test Graphs





## AppendixE: Time of occupancy

### Test Result

| Test Mode | Antenna | Frequency[MHz] | BurstWidth<br>[ms] | TotalHops<br>[Num] | Result[s] | Limit[s] | Verdict |
|-----------|---------|----------------|--------------------|--------------------|-----------|----------|---------|
| DH1       | Ant1    | Hop            | 0.381              | 320                | 0.122     | ≤0.4     | PASS    |
| DH3       | Ant1    | Hop            | 1.638              | 160                | 0.262     | ≤0.4     | PASS    |
| DH5       | Ant1    | Hop            | 2.885              | 106.67             | 0.308     | ≤0.4     | PASS    |
| 2DH1      | Ant1    | Hop            | 0.390              | 320                | 0.125     | ≤0.4     | PASS    |
| 2DH3      | Ant1    | Hop            | 1.642              | 160                | 0.263     | ≤0.4     | PASS    |
| 2DH5      | Ant1    | Hop            | 2.889              | 106.67             | 0.308     | ≤0.4     | PASS    |
| 3DH1      | Ant1    | Hop            | 0.389              | 320                | 0.124     | ≤0.4     | PASS    |
| 3DH3      | Ant1    | Hop            | 1.642              | 160                | 0.263     | ≤0.4     | PASS    |
| 3DH5      | Ant1    | Hop            | 2.892              | 106.67             | 0.308     | ≤0.4     | PASS    |

Note:

DH5/2DH5/3DH5:TotalHops=1600/79/6\*0.4\*79

DH5/2DH5/3DH5: Time of occupancy= TotalHops \* ( BurstWidth) /1000

DH3/2DH3/3DH3:TotalHops=1600/79/4\*0.4\*79

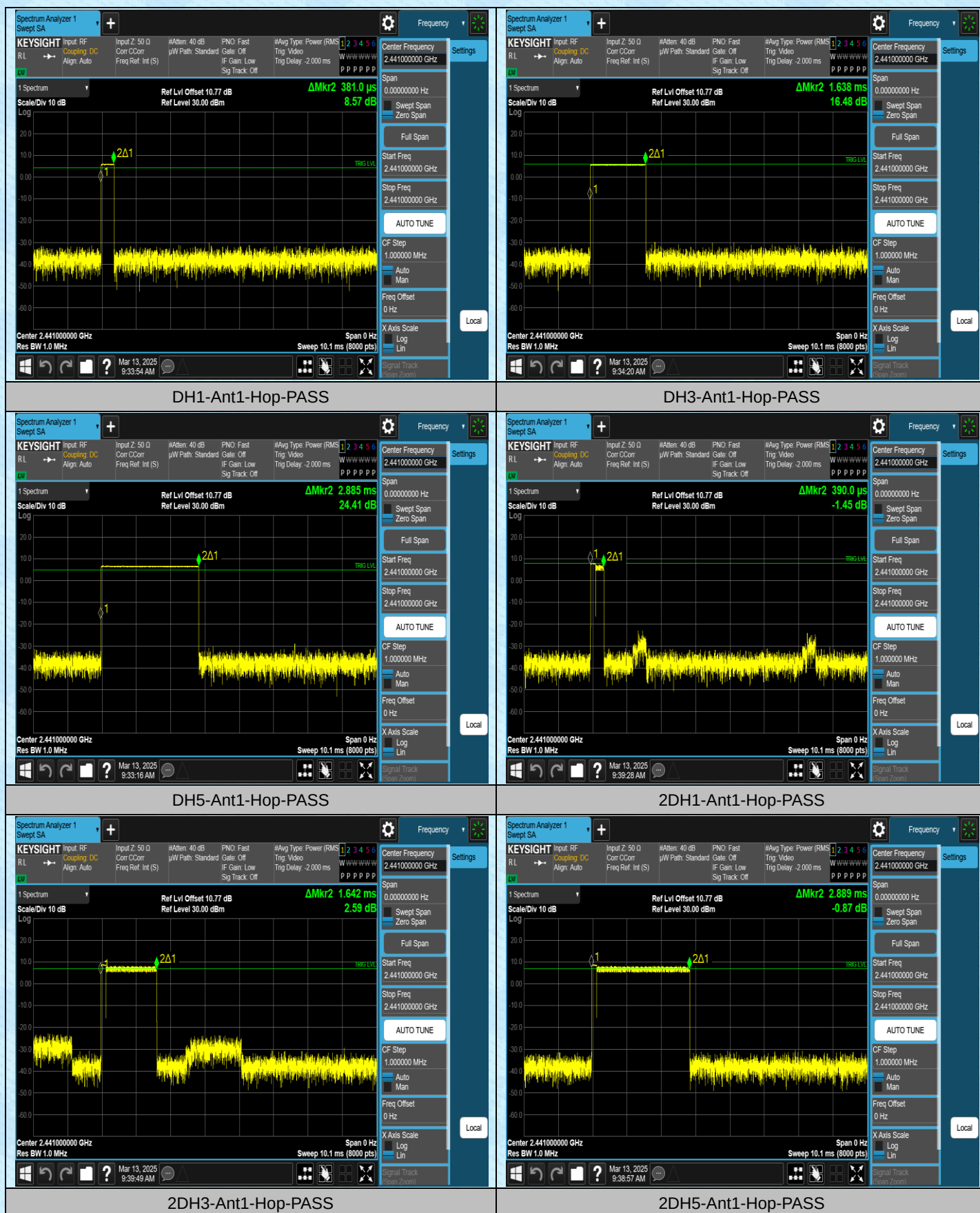
DH3/2DH3/3DH3: Time of occupancy= TotalHops \* ( BurstWidth) /1000

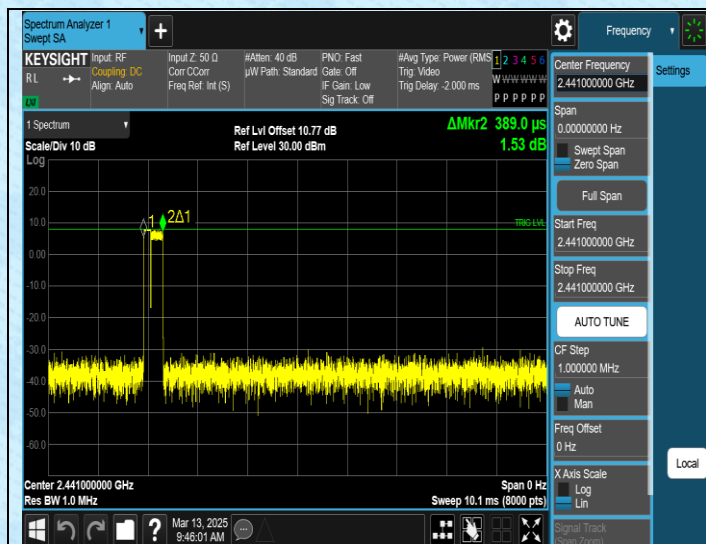
DH1/2DH1/3DH1:TotalHops=1600/79/2\*0.4\*79

DH1/2DH1/3DH1: Time of occupancy= TotalHops \* ( BurstWidth) /1000

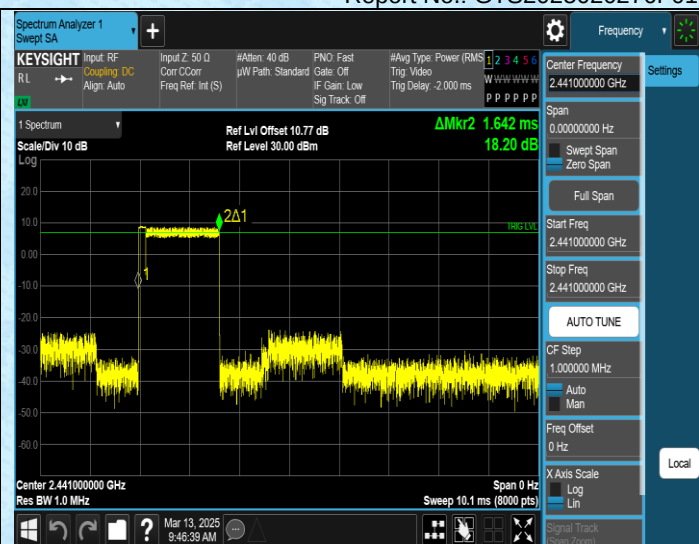


## Test Graphs

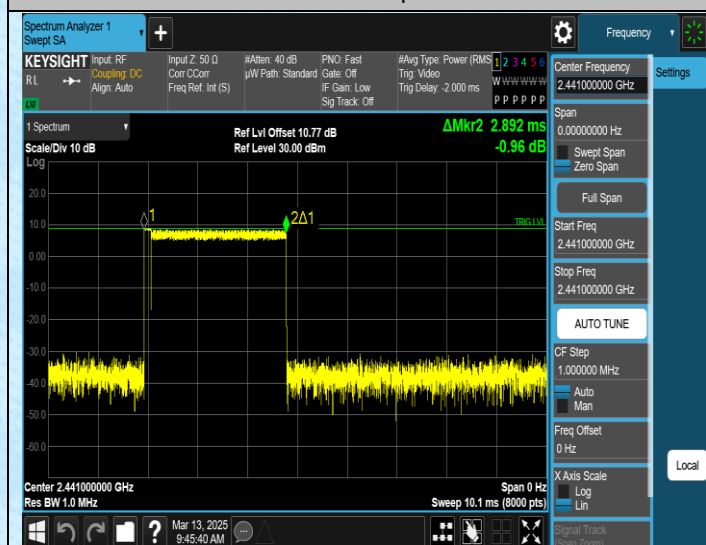




3DH1-Ant1-Hop-PASS



3DH3-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS



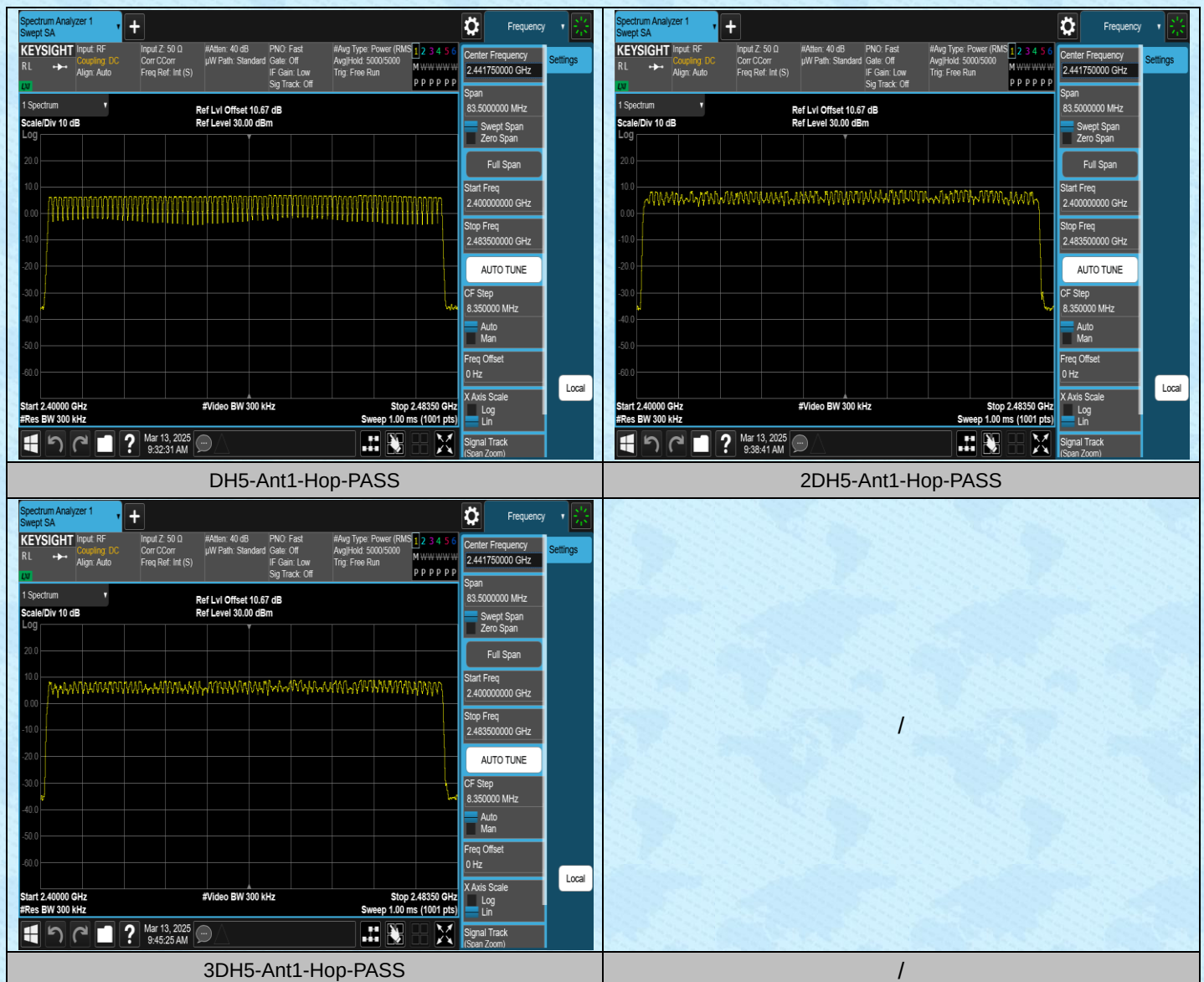
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## AppendixF: Number of hopping channels

## Test Result

| Test Mode | Antenna | Frequency[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



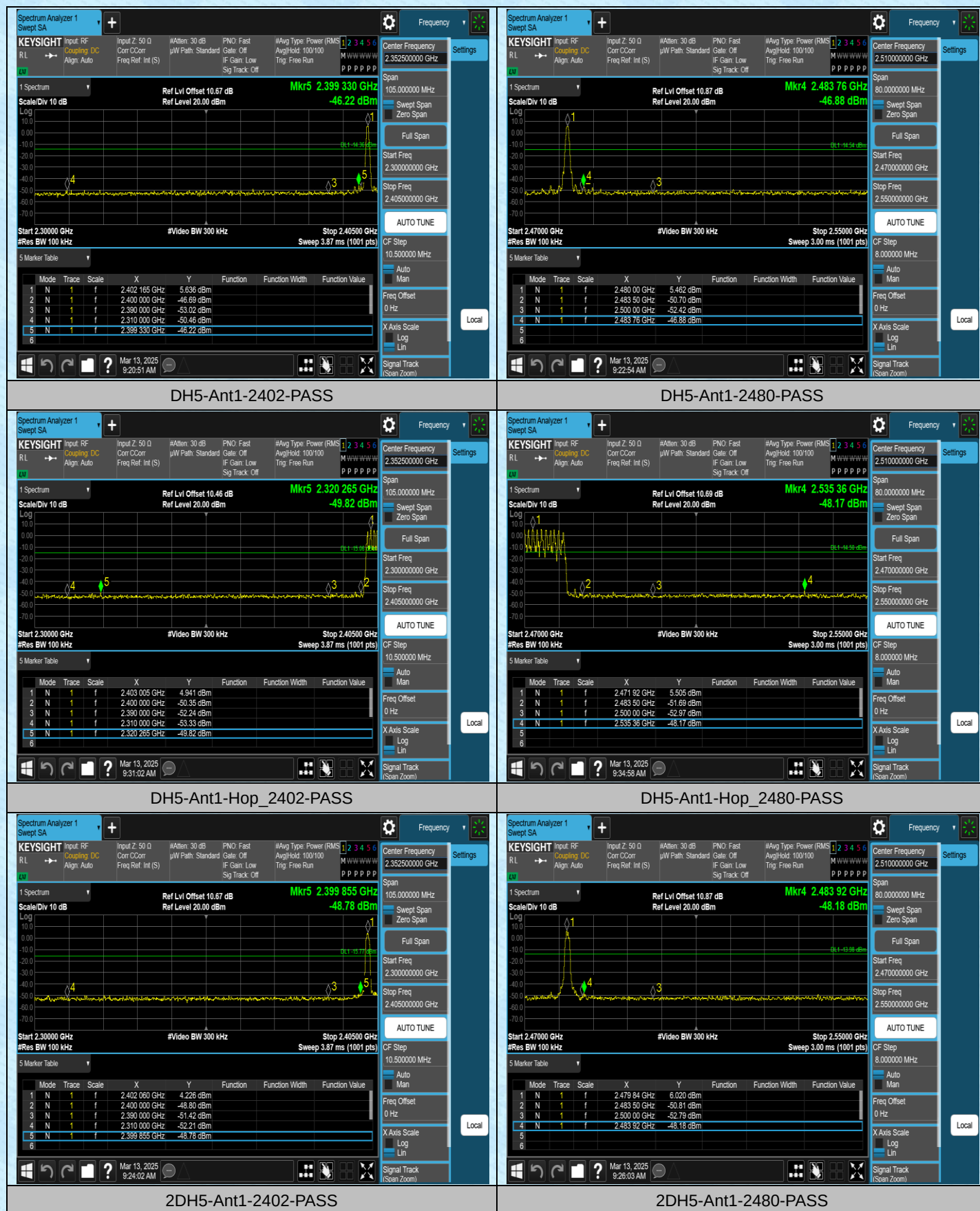
## AppendixG:Band edge measurements

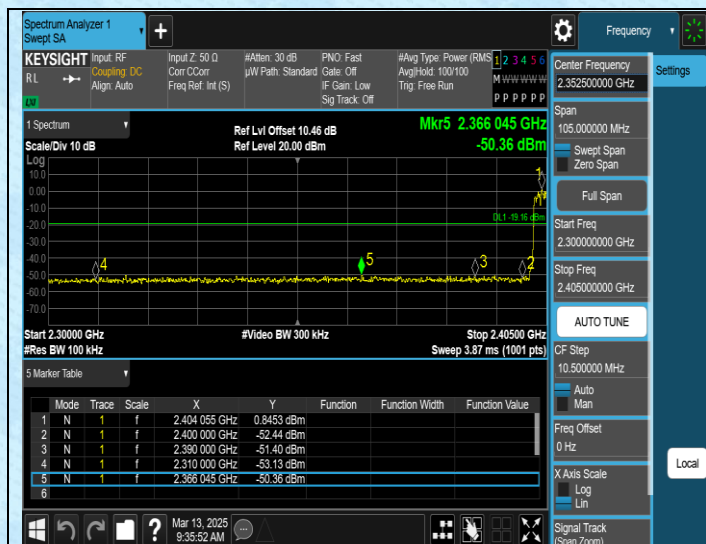
### Test Result

| Test Mode | Antenna | ChName | Frequency[MHz] | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|-----------|---------|--------|----------------|-------------------|-----------------|----------------|---------|
| DH5       | Ant1    | Low    | 2402           | 5.64              | -46.22          | ≤-14.36        | PASS    |
| DH5       | Ant1    | High   | 2480           | 5.46              | -46.88          | ≤-14.54        | PASS    |
| DH5       | Ant1    | Low    | Hop_2402       | 4.94              | -49.82          | ≤-15.06        | PASS    |
| DH5       | Ant1    | High   | Hop_2480       | 5.51              | -48.17          | ≤-14.5         | PASS    |
| 2DH5      | Ant1    | Low    | 2402           | 4.23              | -48.78          | ≤-15.77        | PASS    |
| 2DH5      | Ant1    | High   | 2480           | 6.02              | -48.18          | ≤-13.98        | PASS    |
| 2DH5      | Ant1    | Low    | Hop_2402       | 0.85              | -50.36          | ≤-19.16        | PASS    |
| 2DH5      | Ant1    | High   | Hop_2480       | 4.97              | -47.66          | ≤-15.03        | PASS    |
| 3DH5      | Ant1    | Low    | 2402           | 5.79              | -47.52          | ≤-14.21        | PASS    |
| 3DH5      | Ant1    | High   | 2480           | 6.08              | -48.49          | ≤-13.92        | PASS    |
| 3DH5      | Ant1    | Low    | Hop_2402       | 3.96              | -49.82          | ≤-16.04        | PASS    |
| 3DH5      | Ant1    | High   | Hop_2480       | 2.32              | -49.33          | ≤-17.68        | PASS    |

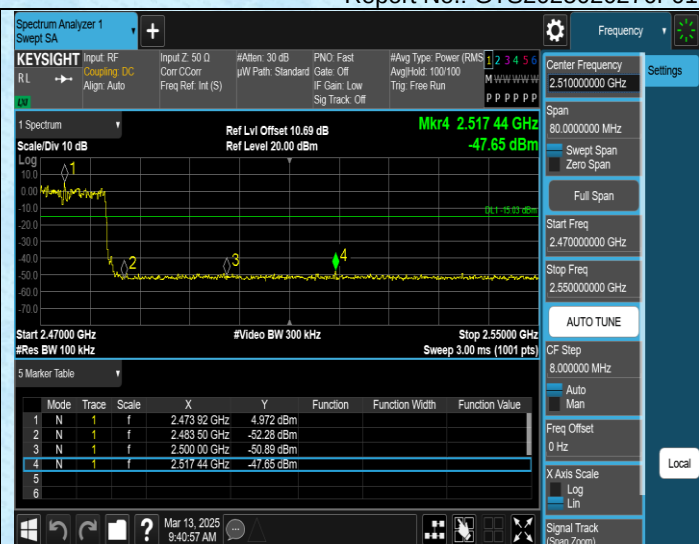


## Test Graphs

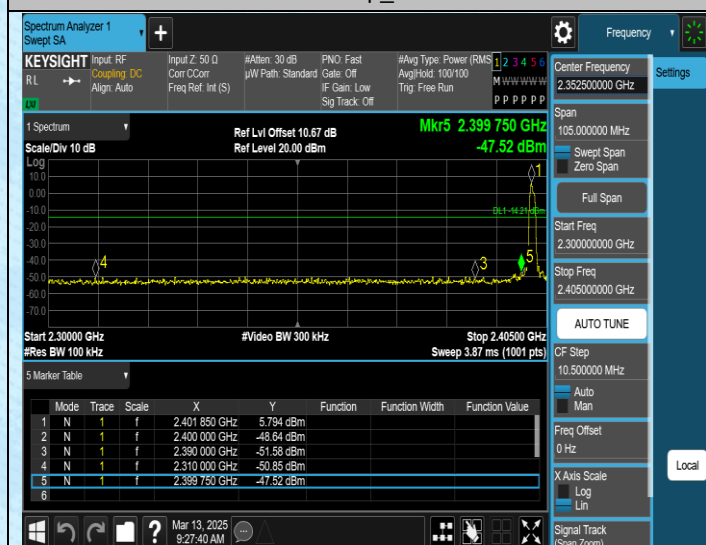




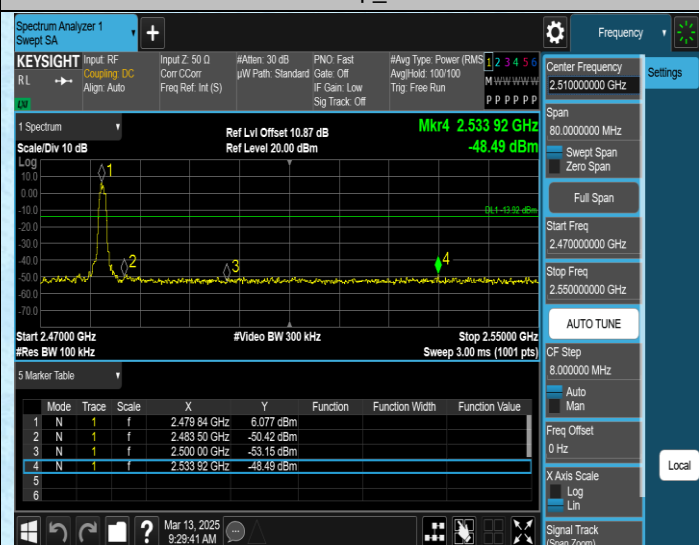
2DH5-Ant1-Hop\_2402-PASS



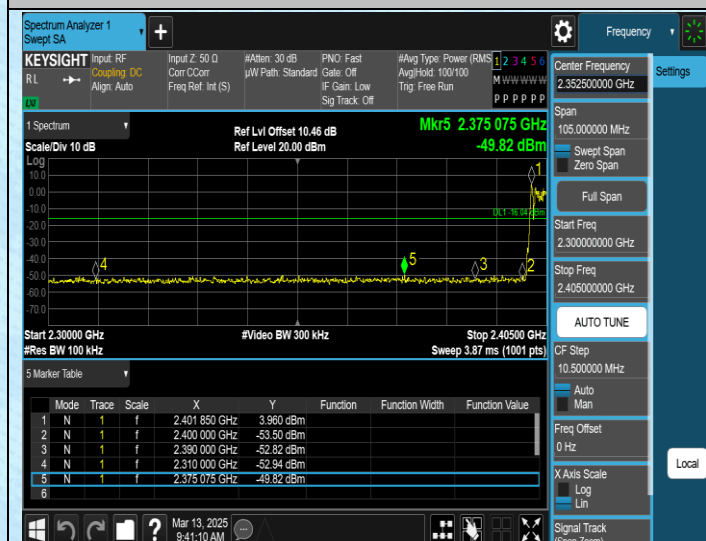
2DH5-Ant1-Hop\_2480-PASS



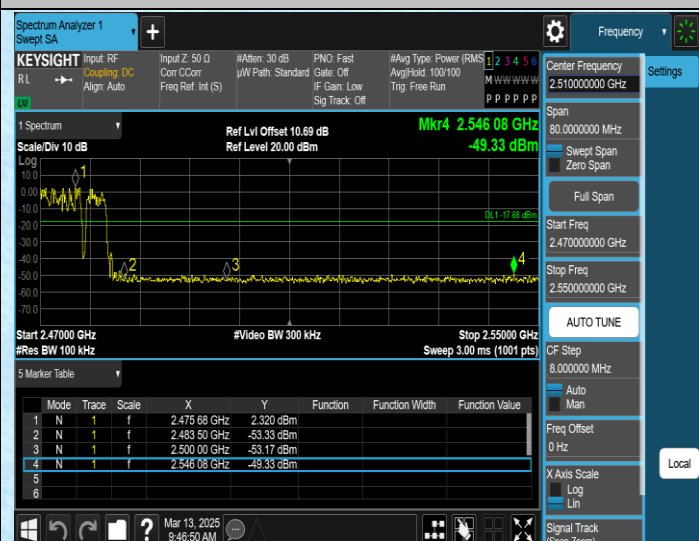
3DH5-Ant1-2402-PASS



3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop\_2402-PASS



3DH5-Ant1-Hop\_2480-PASS

## AppendixH:Conducted Spurious Emission

### Test Result

| Test Mode | Antenna | Frequency[MHz] | FreqRange [MHz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|----------------|-----------------|----------------|--------------|-------------|---------|
| DH5       | Ant1    | 2402           | 0~Reference     | 5.38           | 5.38         | ---         | PASS    |
| DH5       | Ant1    | 2402           | 30~1000         | 5.38           | -62.23       | ≤-14.62     | PASS    |
| DH5       | Ant1    | 2402           | 1000~26500      | 5.38           | -50.13       | ≤-14.62     | PASS    |
| DH5       | Ant1    | 2441           | 0~Reference     | 6.44           | 6.44         | ---         | PASS    |
| DH5       | Ant1    | 2441           | 30~1000         | 6.44           | -62.56       | ≤-13.56     | PASS    |
| DH5       | Ant1    | 2441           | 1000~26500      | 6.44           | -50.26       | ≤-13.56     | PASS    |
| DH5       | Ant1    | 2480           | 0~Reference     | 6.05           | 6.05         | ---         | PASS    |
| DH5       | Ant1    | 2480           | 30~1000         | 6.05           | -61.57       | ≤-13.95     | PASS    |
| DH5       | Ant1    | 2480           | 1000~26500      | 6.05           | -50.31       | ≤-13.95     | PASS    |
| 2DH5      | Ant1    | 2402           | 0~Reference     | 6.05           | 6.05         | ---         | PASS    |
| 2DH5      | Ant1    | 2402           | 30~1000         | 6.05           | -62.25       | ≤-13.95     | PASS    |
| 2DH5      | Ant1    | 2402           | 1000~26500      | 6.05           | -50.33       | ≤-13.95     | PASS    |
| 2DH5      | Ant1    | 2441           | 0~Reference     | 6.30           | 6.30         | ---         | PASS    |
| 2DH5      | Ant1    | 2441           | 30~1000         | 6.30           | -62.4        | ≤-13.7      | PASS    |
| 2DH5      | Ant1    | 2441           | 1000~26500      | 6.30           | -49.56       | ≤-13.7      | PASS    |
| 2DH5      | Ant1    | 2480           | 0~Reference     | 6.04           | 6.04         | ---         | PASS    |
| 2DH5      | Ant1    | 2480           | 30~1000         | 6.04           | -61.47       | ≤-13.96     | PASS    |
| 2DH5      | Ant1    | 2480           | 1000~26500      | 6.04           | -50.16       | ≤-13.96     | PASS    |
| 3DH5      | Ant1    | 2402           | 0~Reference     | 5.76           | 5.76         | ---         | PASS    |
| 3DH5      | Ant1    | 2402           | 30~1000         | 5.76           | -61.72       | ≤-14.24     | PASS    |
| 3DH5      | Ant1    | 2402           | 1000~26500      | 5.76           | -50          | ≤-14.24     | PASS    |
| 3DH5      | Ant1    | 2441           | 0~Reference     | 6.30           | 6.30         | ---         | PASS    |
| 3DH5      | Ant1    | 2441           | 30~1000         | 6.30           | -62.01       | ≤-13.7      | PASS    |
| 3DH5      | Ant1    | 2441           | 1000~26500      | 6.30           | -50.74       | ≤-13.7      | PASS    |
| 3DH5      | Ant1    | 2480           | 0~Reference     | 6.03           | 6.03         | ---         | PASS    |
| 3DH5      | Ant1    | 2480           | 30~1000         | 6.03           | -61.55       | ≤-13.97     | PASS    |
| 3DH5      | Ant1    | 2480           | 1000~26500      | 6.03           | -50.54       | ≤-13.97     | PASS    |