

# Appendix A: 20dB Emission Bandwidth

## Test Result

| TestMode | Antenna | Frequency[MHz] | 20db<br>EBW[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|----------------|------------------|----------|----------|------------|---------|
| DH5      | Ant1    | 2402           | 1.056            | 2401.463 | 2402.519 | ---        | ---     |
|          |         | 2441           | 1.053            | 2440.460 | 2441.513 | ---        | ---     |
|          |         | 2480           | 1.053            | 2479.460 | 2480.513 | ---        | ---     |
| 2DH5     | Ant1    | 2402           | 1.170            | 2401.409 | 2402.579 | ---        | ---     |
|          |         | 2441           | 1.167            | 2440.409 | 2441.576 | ---        | ---     |
|          |         | 2480           | 1.167            | 2479.409 | 2480.576 | ---        | ---     |
| 3DH5     | Ant1    | 2402           | 1.263            | 2401.403 | 2402.666 | ---        | ---     |
|          |         | 2441           | 1.176            | 2440.421 | 2441.597 | ---        | ---     |
|          |         | 2480           | 1.194            | 2479.412 | 2480.606 | ---        | ---     |

## 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



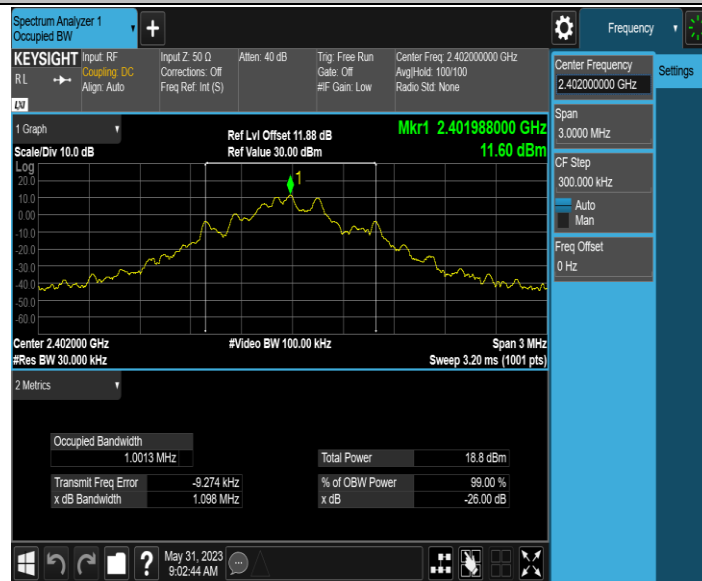
## Appendix B: Occupied Channel Bandwidth

### Test Result

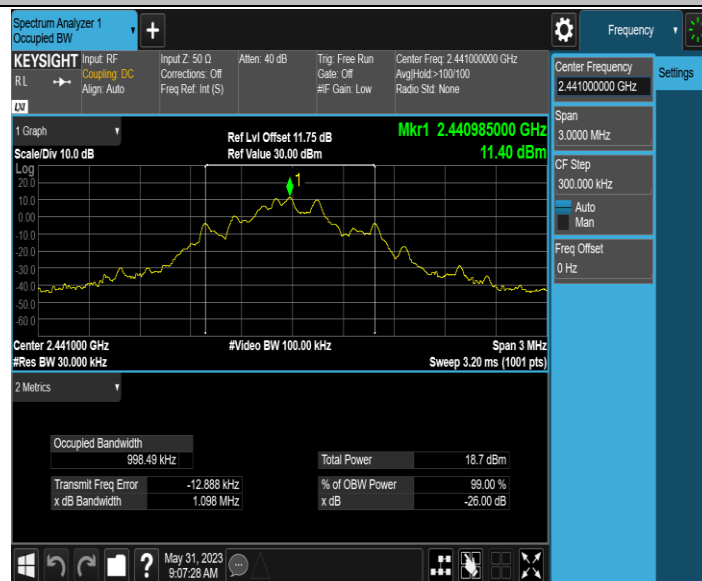
| TestMode | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|----------|---------|----------------|-----------|-----------|-----------|------------|---------|
| DH5      | Ant1    | 2402           | 1.0013    | 2401.4901 | 2402.4914 | ---        | ---     |
|          |         | 2441           | 0.99849   | 2440.4879 | 2441.4864 | ---        | ---     |
|          |         | 2480           | 0.99689   | 2479.4871 | 2480.4840 | ---        | ---     |
| 2DH5     | Ant1    | 2402           | 1.1304    | 2401.4259 | 2402.5563 | ---        | ---     |
|          |         | 2441           | 1.1280    | 2440.4278 | 2441.5558 | ---        | ---     |
|          |         | 2480           | 1.1259    | 2479.4269 | 2480.5528 | ---        | ---     |
| 3DH5     | Ant1    | 2402           | 1.1026    | 2401.4675 | 2402.5701 | ---        | ---     |
|          |         | 2441           | 1.1426    | 2440.4353 | 2441.5779 | ---        | ---     |
|          |         | 2480           | 1.1422    | 2479.4352 | 2480.5774 | ---        | ---     |

## Test Graphs

DH5\_Ant1\_2402



DH5\_Ant1\_2441



DH5\_Ant1\_2480



2DH5\_Ant1\_2402



2DH5\_Ant1\_2441



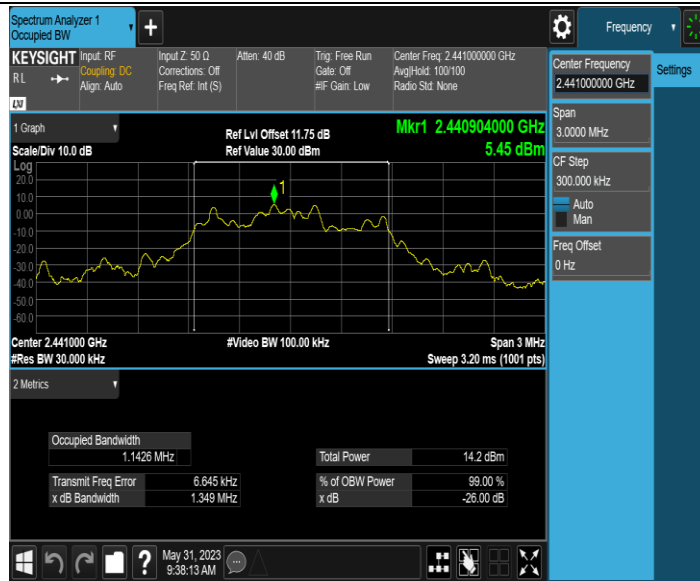
## 2DH5\_Ant1\_2480



## 3DH5\_Ant1\_2402



## 3DH5\_Ant1\_2441



3DH5\_Ant1\_2480



## Appendix C: Maximum conducted output power

### Test Result

| Test Mode | Antenna | Frequency [MHz] | Conducted Power[dBm] | Conducted Limit[dBm] | EIRP [dBm] | EIRP Limit[dBm] | Verdict |
|-----------|---------|-----------------|----------------------|----------------------|------------|-----------------|---------|
| DH5       | Ant1    | 2402            | 13.11                | ≤20.97               | 15.91      | ≤36             | PASS    |
|           |         | 2441            | 13.37                | ≤20.97               | 16.17      | ≤36             | PASS    |
|           |         | 2480            | 12.75                | ≤20.97               | 15.55      | ≤36             | PASS    |
| 2DH5      | Ant1    | 2402            | 11.42                | ≤20.97               | 14.22      | ≤36             | PASS    |
|           |         | 2441            | 11.24                | ≤20.97               | 14.04      | ≤36             | PASS    |
|           |         | 2480            | 10.6                 | ≤20.97               | 13.40      | ≤36             | PASS    |
| 3DH5      | Ant1    | 2402            | 9.65                 | ≤20.97               | 12.45      | ≤36             | PASS    |
|           |         | 2441            | 9.17                 | ≤20.97               | 11.97      | ≤36             | PASS    |
|           |         | 2480            | 8.28                 | ≤20.97               | 11.08      | ≤36             | PASS    |

## Appendix D: Carrier frequency separation

### Test Result

| TestMode | Antenna | Frequency[MHz] | Result[MHz] | Limit[MHz]   | Verdict |
|----------|---------|----------------|-------------|--------------|---------|
| DH5      | Ant1    | Hop            | 0.996       | $\geq 0.704$ | PASS    |
| 2DH5     | Ant1    | Hop            | 0.994       | $\geq 0.780$ | PASS    |
| 3DH5     | Ant1    | Hop            | 1.014       | $\geq 0.842$ | PASS    |

## Test Graphs

DH5\_Ant1\_Hop



2DH5\_Ant1\_Hop



3DH5\_Ant1\_Hop



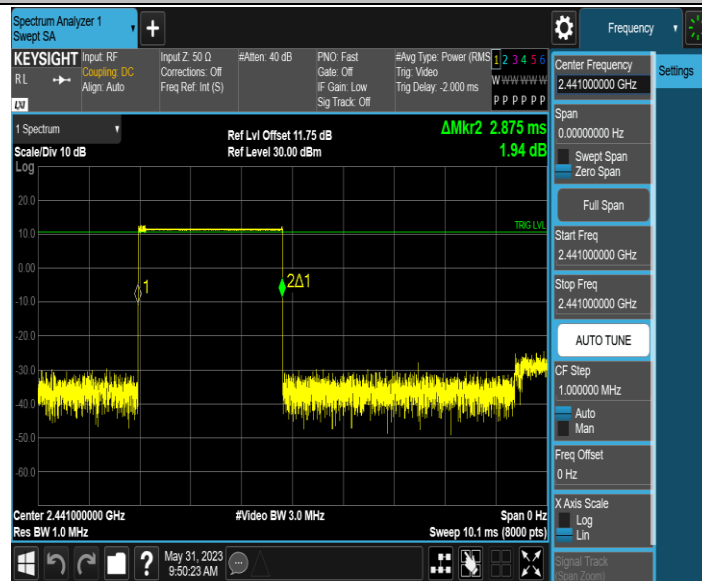
## Appendix E: Time of occupancy

### Test Result

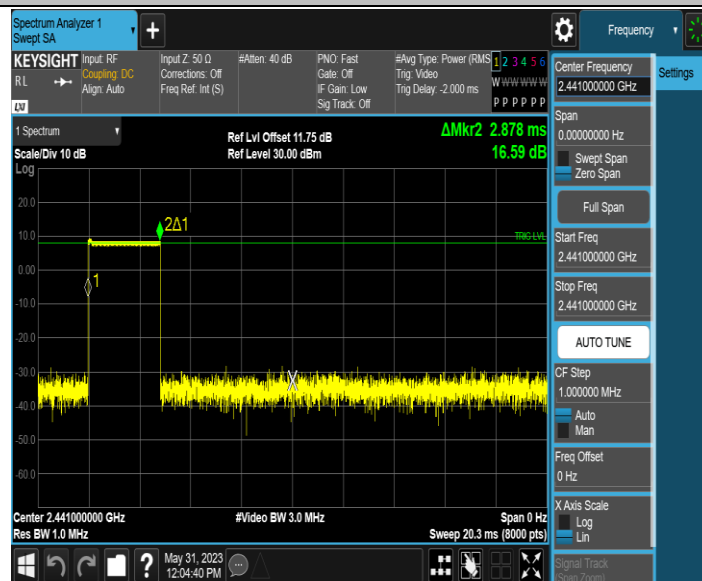
| TestMode | Antenna | Frequency[MHz] | BurstWidth<br>[ms] | TotalHops<br>[Num] | Result[s] | Limit[s] | Verdict |
|----------|---------|----------------|--------------------|--------------------|-----------|----------|---------|
| DH5      | Ant1    | Hop            | 2.875              | 106.67             | 0.307     | ≤0.4     | PASS    |
| 2DH5     | Ant1    | Hop            | 2.878              | 106.67             | 0.307     | ≤0.4     | PASS    |
| 3DH5     | Ant1    | Hop            | 2.878              | 106.67             | 0.307     | ≤0.4     | PASS    |

## Test Graphs

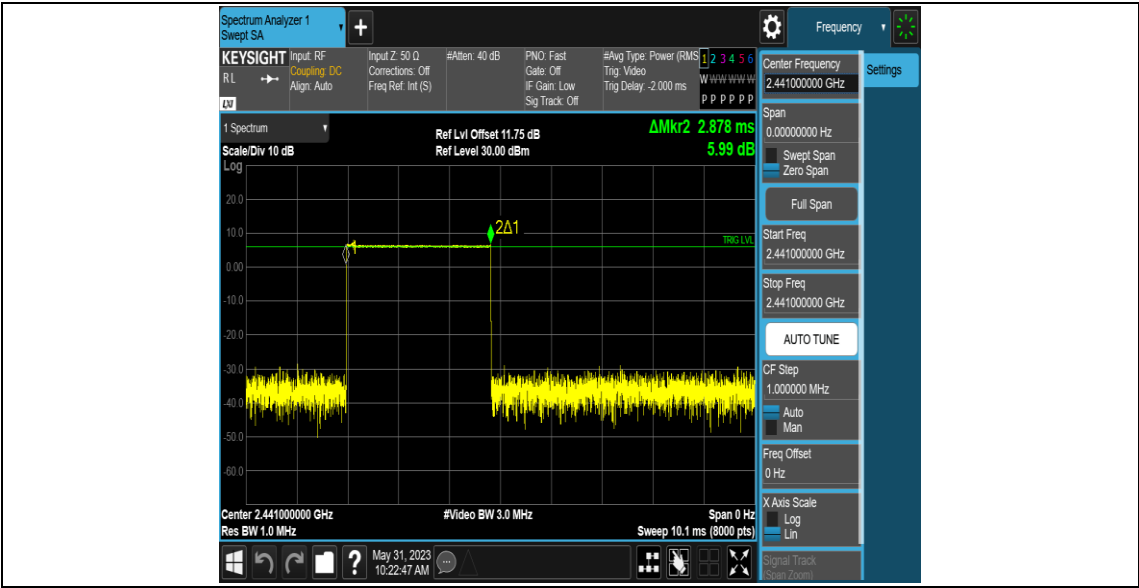
DH5\_Ant1\_Hop



2DH5\_Ant1\_Hop



3DH5\_Ant1\_Hop



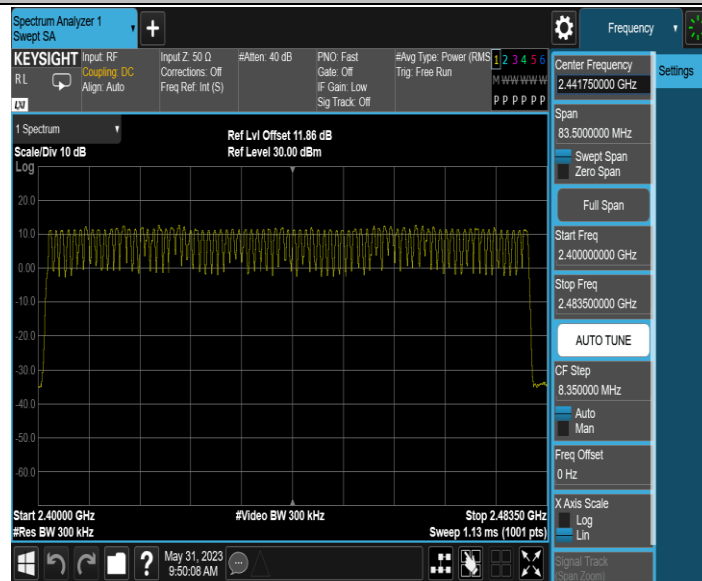
## Appendix F: Number of hopping channels

### Test Result

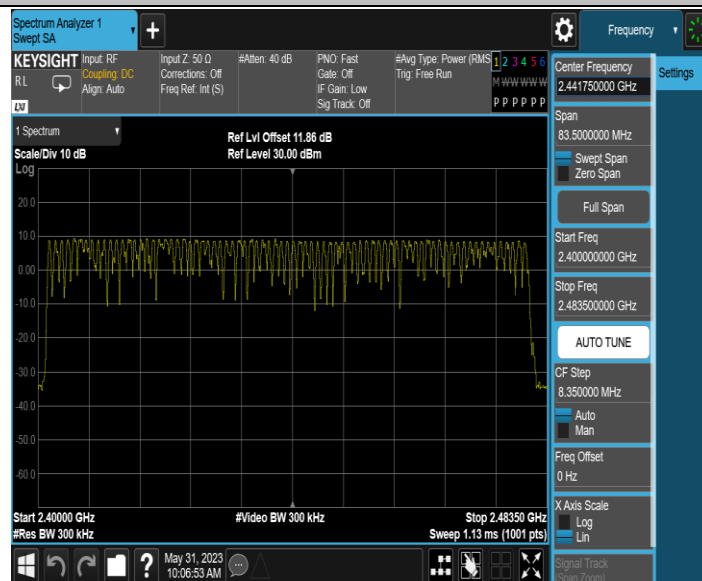
| TestMode | Antenna | Frequency[MHz] | Result[Num] | Limit[Num] | Verdict |
|----------|---------|----------------|-------------|------------|---------|
| DH5      | Ant1    | Hop            | 79          | ≥15        | PASS    |
| 2DH5     | Ant1    | Hop            | 79          | ≥15        | PASS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

## Test Graphs

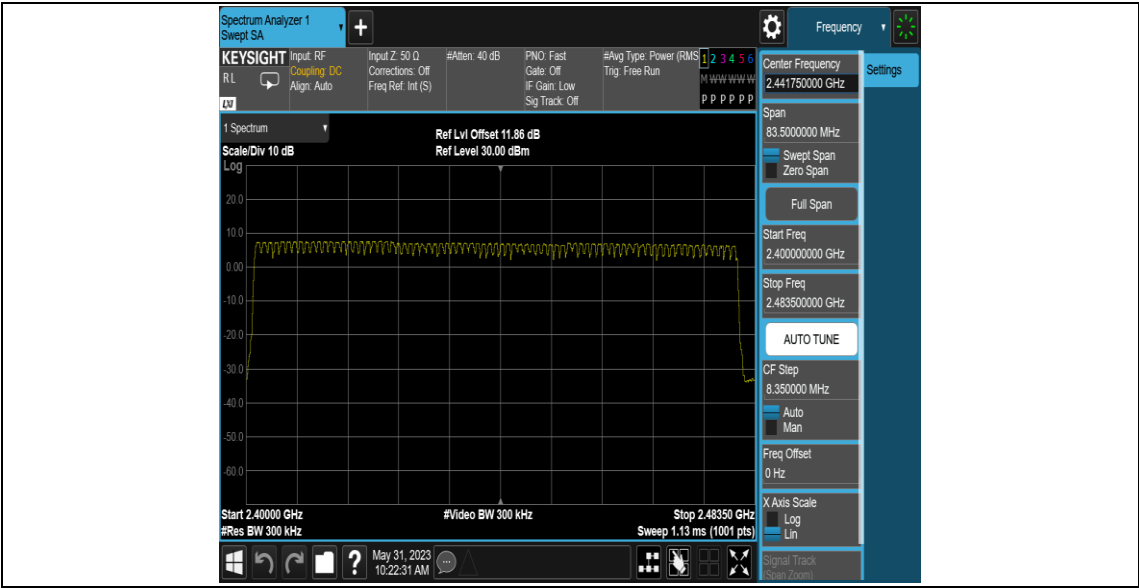
DH5\_Ant1\_Hop



2DH5\_Ant1\_Hop



3DH5\_Ant1\_Hop



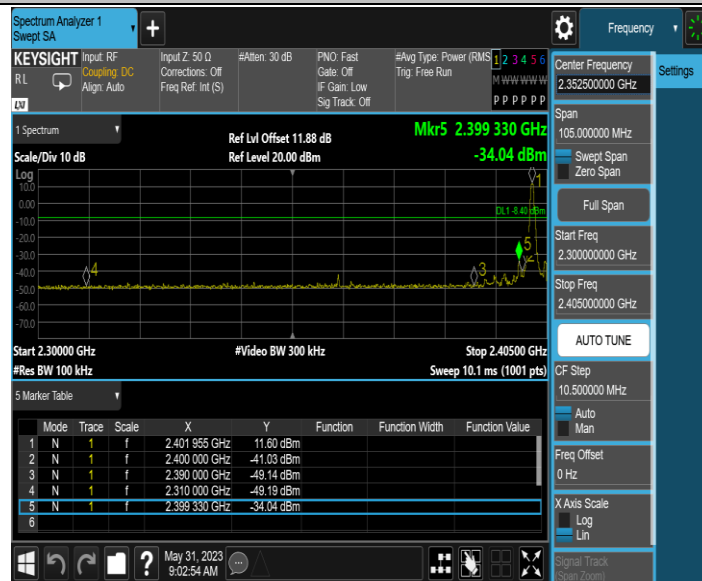
## Appendix G: Band edge measurements

### Test Result

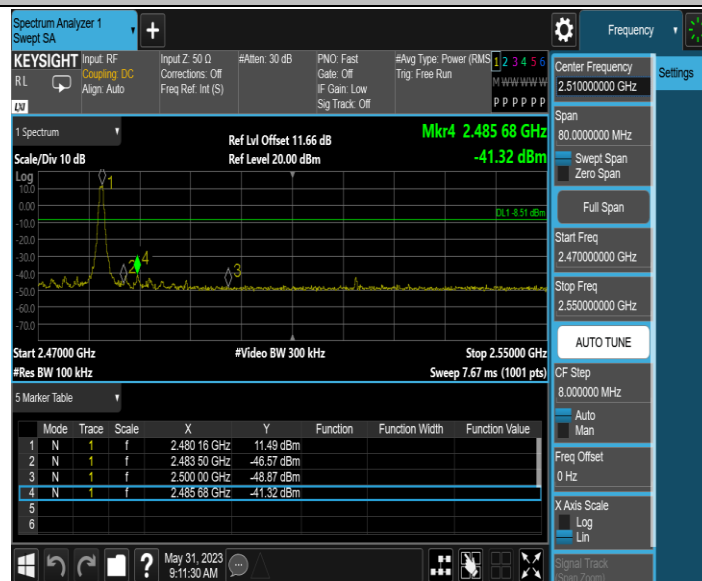
| TestMode | Antenna | ChName | Frequency[MHz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|----------|---------|--------|----------------|----------------|--------------|-------------|---------|
| DH5      | Ant1    | Low    | 2402           | 11.60          | -34.05       | ≤-8.4       | PASS    |
|          |         | High   | 2480           | 11.50          | -41.32       | ≤-8.51      | PASS    |
|          |         | Low    | Hop_2402       | 11.23          | -42.1        | ≤-8.77      | PASS    |
|          |         | High   | Hop_2480       | 11.52          | -42.56       | ≤-8.48      | PASS    |
| 2DH5     | Ant1    | Low    | 2402           | 8.72           | -34.96       | ≤-11.28     | PASS    |
|          |         | High   | 2480           | 7.26           | -44.46       | ≤-12.74     | PASS    |
|          |         | Low    | Hop_2402       | 8.69           | -43.27       | ≤-11.31     | PASS    |
|          |         | High   | Hop_2480       | 8.29           | -43.68       | ≤-11.71     | PASS    |
| 3DH5     | Ant1    | Low    | 2402           | 7.37           | -38.35       | ≤-12.63     | PASS    |
|          |         | High   | 2480           | 6.15           | -45.61       | ≤-13.86     | PASS    |
|          |         | Low    | Hop_2402       | 6.86           | -44.83       | ≤-13.14     | PASS    |
|          |         | High   | Hop_2480       | 3.20           | -46.63       | ≤-16.8      | PASS    |

## Test Graphs

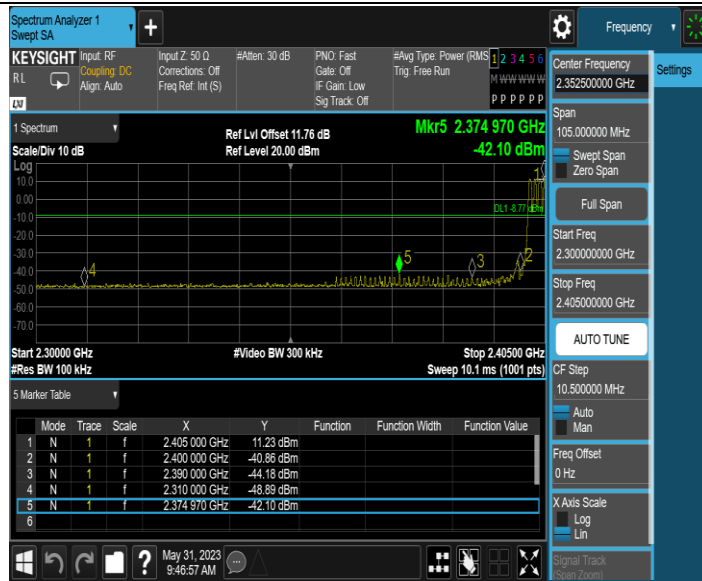
DH5\_Ant1\_Low\_2402



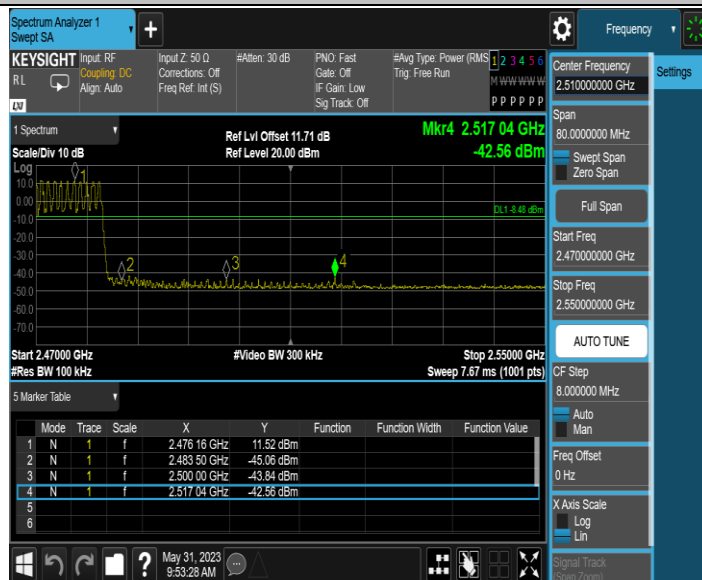
DH5\_Ant1\_High\_2480



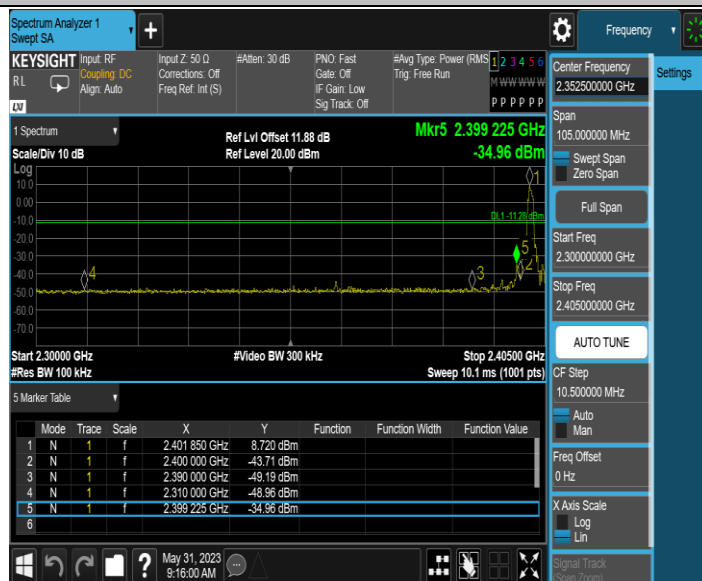
DH5\_Ant1\_Low\_Hop\_2402



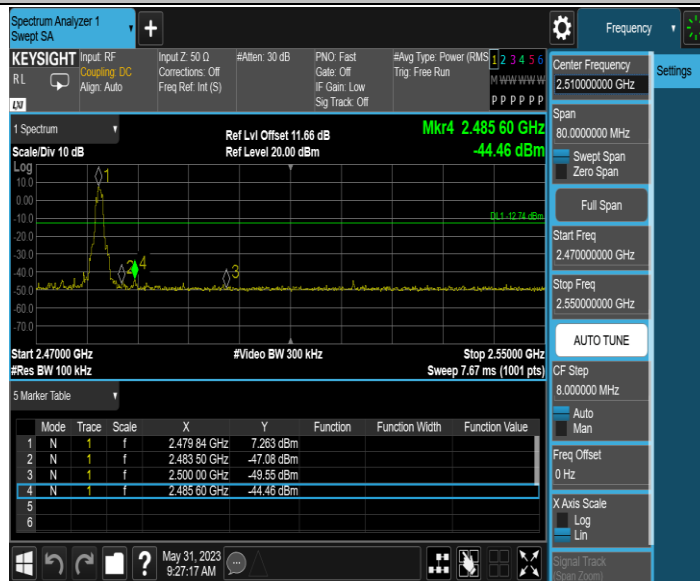
DH5\_Ant1\_High\_Hop\_2480



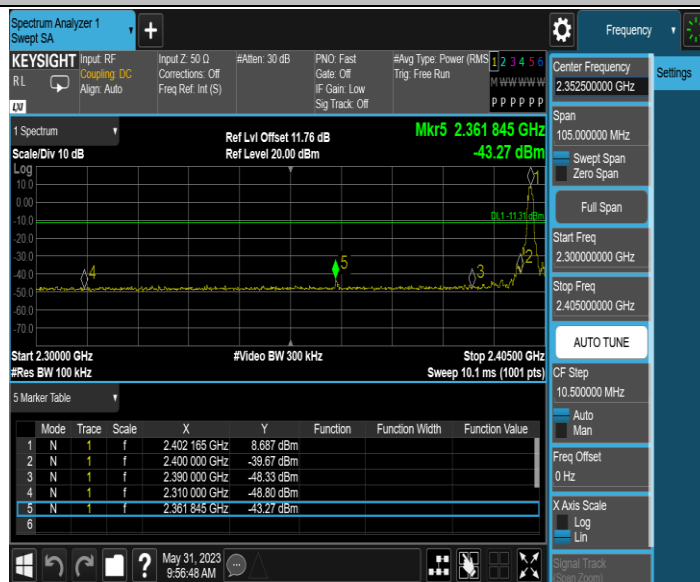
2DH5\_Ant1\_Low\_2402



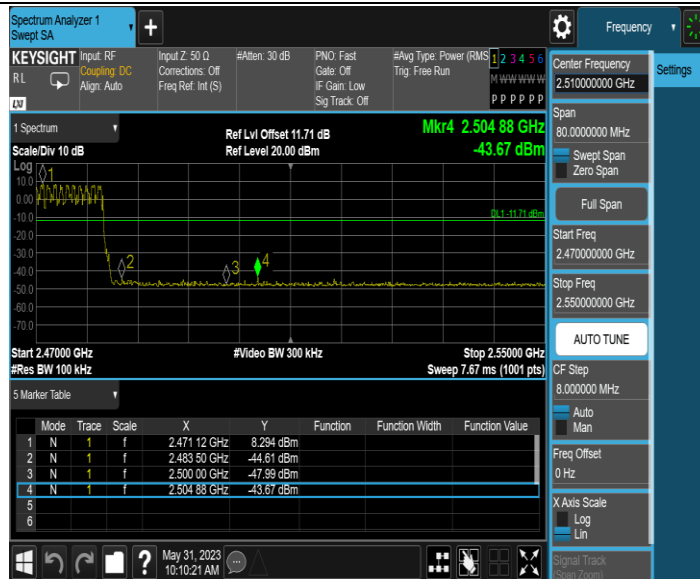
## 2DH5\_Ant1\_High\_2480



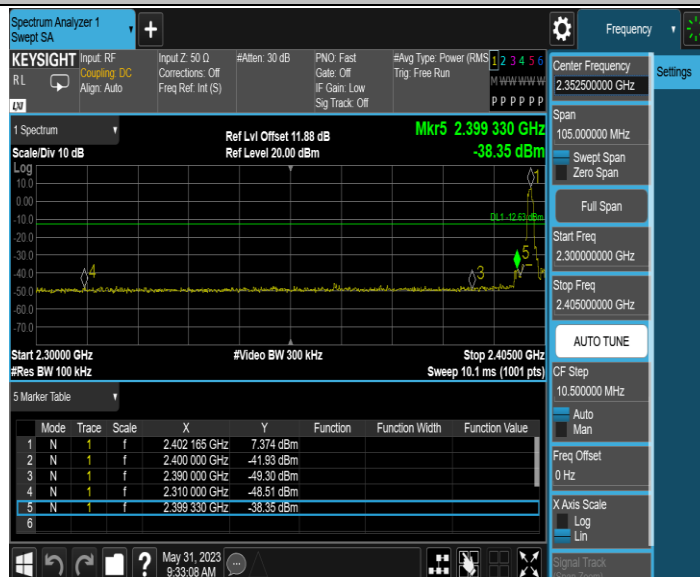
## 2DH5\_Ant1\_Low\_Hop\_2402



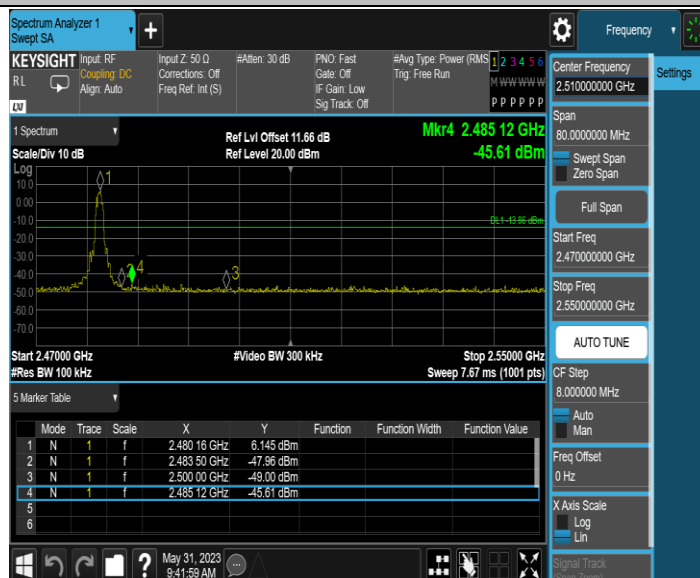
## 2DH5\_Ant1\_High\_Hop\_2480



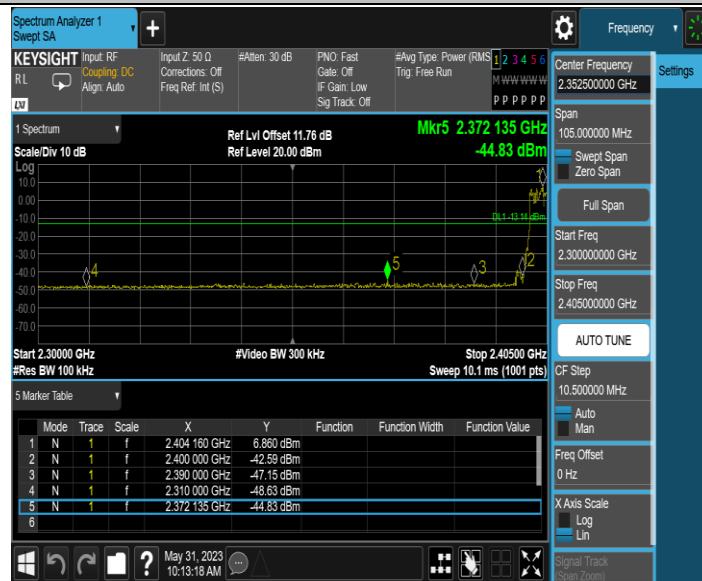
3DH5\_Ant1\_Low\_2402



3DH5\_Ant1\_High\_2480



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



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

