

# TEST REPORT

Report No.: MTI250415019-0108E1

## 3DH5\_Ant1\_Hop



## 3DH5\_Ant2\_Hop



**Appendix D: Time of occupancy**

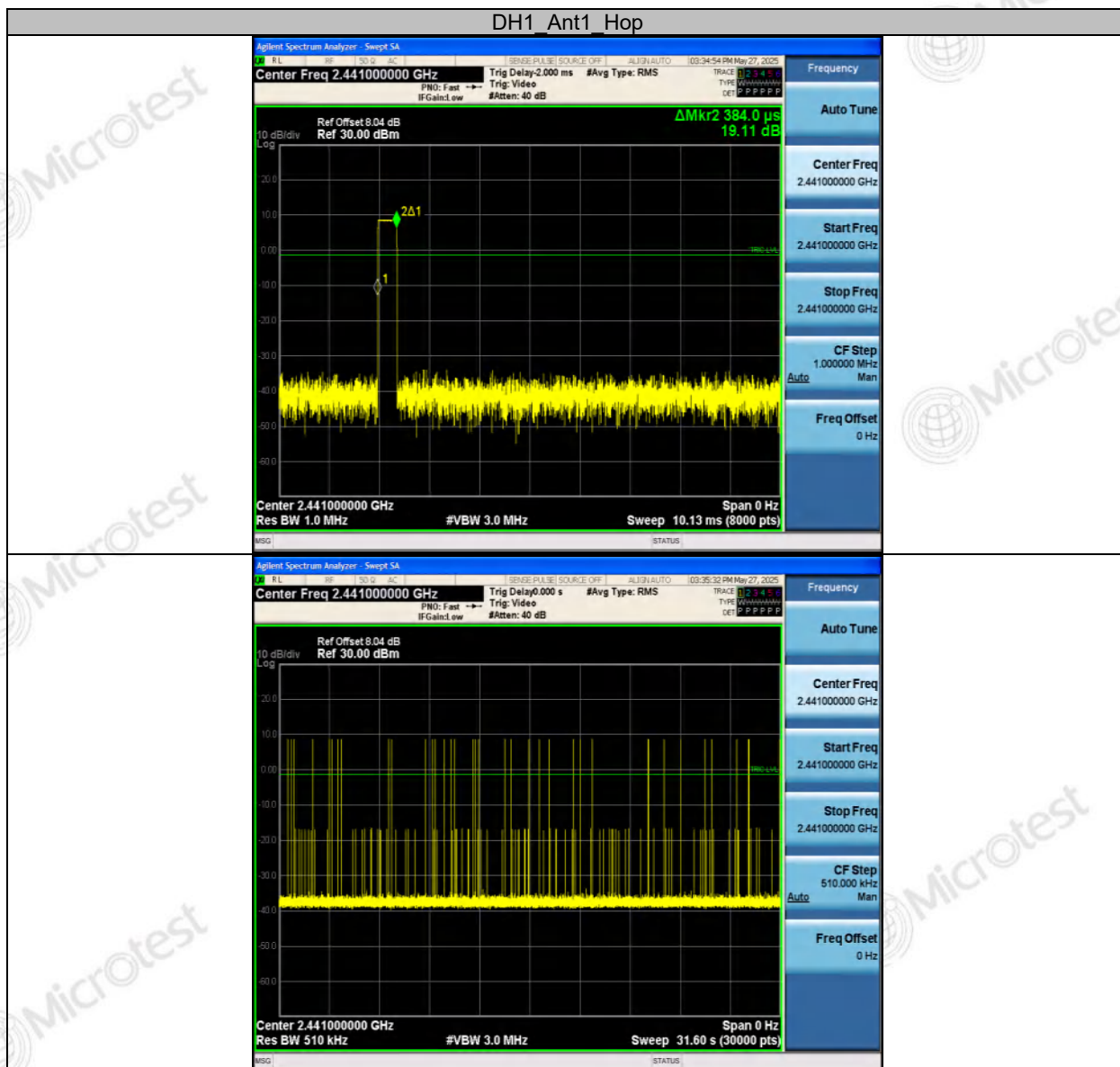
## Test Result

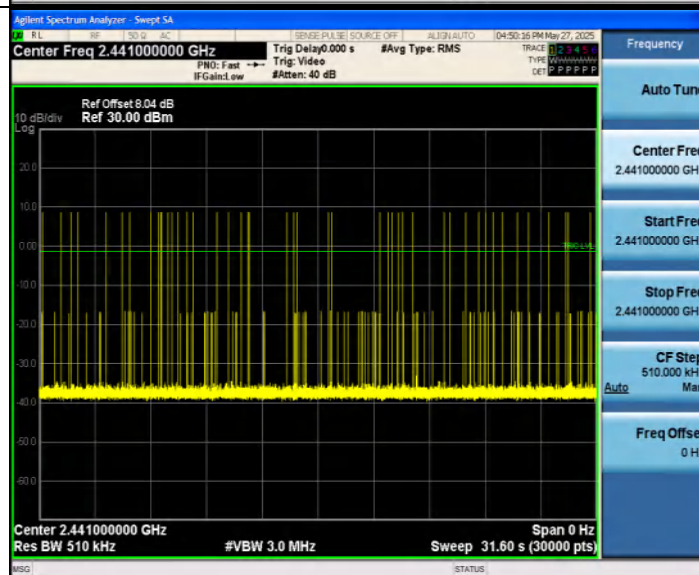
| Test Mode | Antenna | Frequency [MHz] | BurstWidth [ms] | Hops in 31.6s [Num] | Result [s] | Limit [s] | Verdict |
|-----------|---------|-----------------|-----------------|---------------------|------------|-----------|---------|
| DH1       | Ant1    | Hop             | 0.384           | 36                  | 0.014      | ≤0.4      | PASS    |
|           | Ant2    | Hop             | 0.383           | 45                  | 0.017      | ≤0.4      | PASS    |
| DH3       | Ant1    | Hop             | 1.639           | 38                  | 0.062      | ≤0.4      | PASS    |
|           | Ant2    | Hop             | 1.639           | 26                  | 0.043      | ≤0.4      | PASS    |
| DH5       | Ant1    | Hop             | 2.887           | 35                  | 0.101      | ≤0.4      | PASS    |
|           | Ant2    | Hop             | 2.887           | 44                  | 0.127      | ≤0.4      | PASS    |
| 2DH1      | Ant1    | Hop             | 0.390           | 40                  | 0.016      | ≤0.4      | PASS    |
|           | Ant2    | Hop             | 0.390           | 36                  | 0.014      | ≤0.4      | PASS    |
| 2DH3      | Ant1    | Hop             | 1.642           | 50                  | 0.082      | ≤0.4      | PASS    |
|           | Ant2    | Hop             | 1.642           | 40                  | 0.066      | ≤0.4      | PASS    |
| 2DH5      | Ant1    | Hop             | 2.889           | 49                  | 0.142      | ≤0.4      | PASS    |
|           | Ant2    | Hop             | 2.891           | 44                  | 0.127      | ≤0.4      | PASS    |
| 3DH1      | Ant1    | Hop             | 0.391           | 42                  | 0.016      | ≤0.4      | PASS    |
|           | Ant2    | Hop             | 0.390           | 28                  | 0.011      | ≤0.4      | PASS    |
| 3DH3      | Ant1    | Hop             | 1.640           | 43                  | 0.071      | ≤0.4      | PASS    |
|           | Ant2    | Hop             | 1.640           | 52                  | 0.085      | ≤0.4      | PASS    |
| 3DH5      | Ant1    | Hop             | 2.892           | 42                  | 0.121      | ≤0.4      | PASS    |
|           | Ant2    | Hop             | 2.892           | 46                  | 0.133      | ≤0.4      | PASS    |

**Notes:**

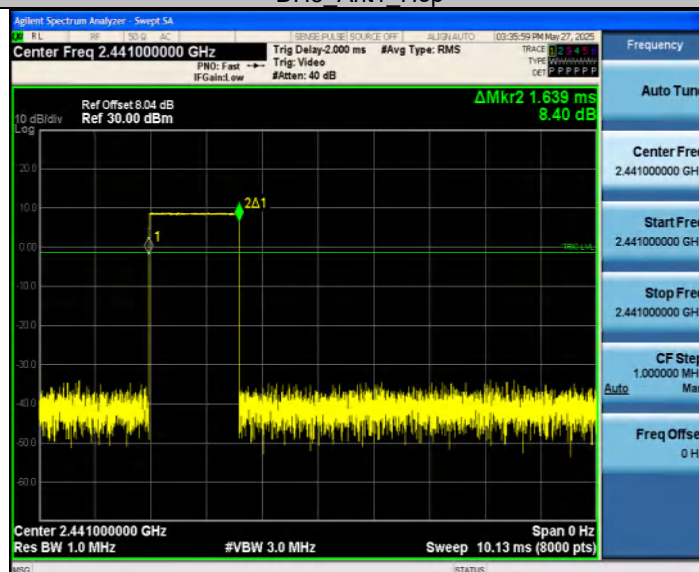
1. Period time = 0.4s \* 79 = 31.6s
2. Result (Time of occupancy) = BurstWidth[ms] \* Hops in 31.6s [Num]

## Test Graphs



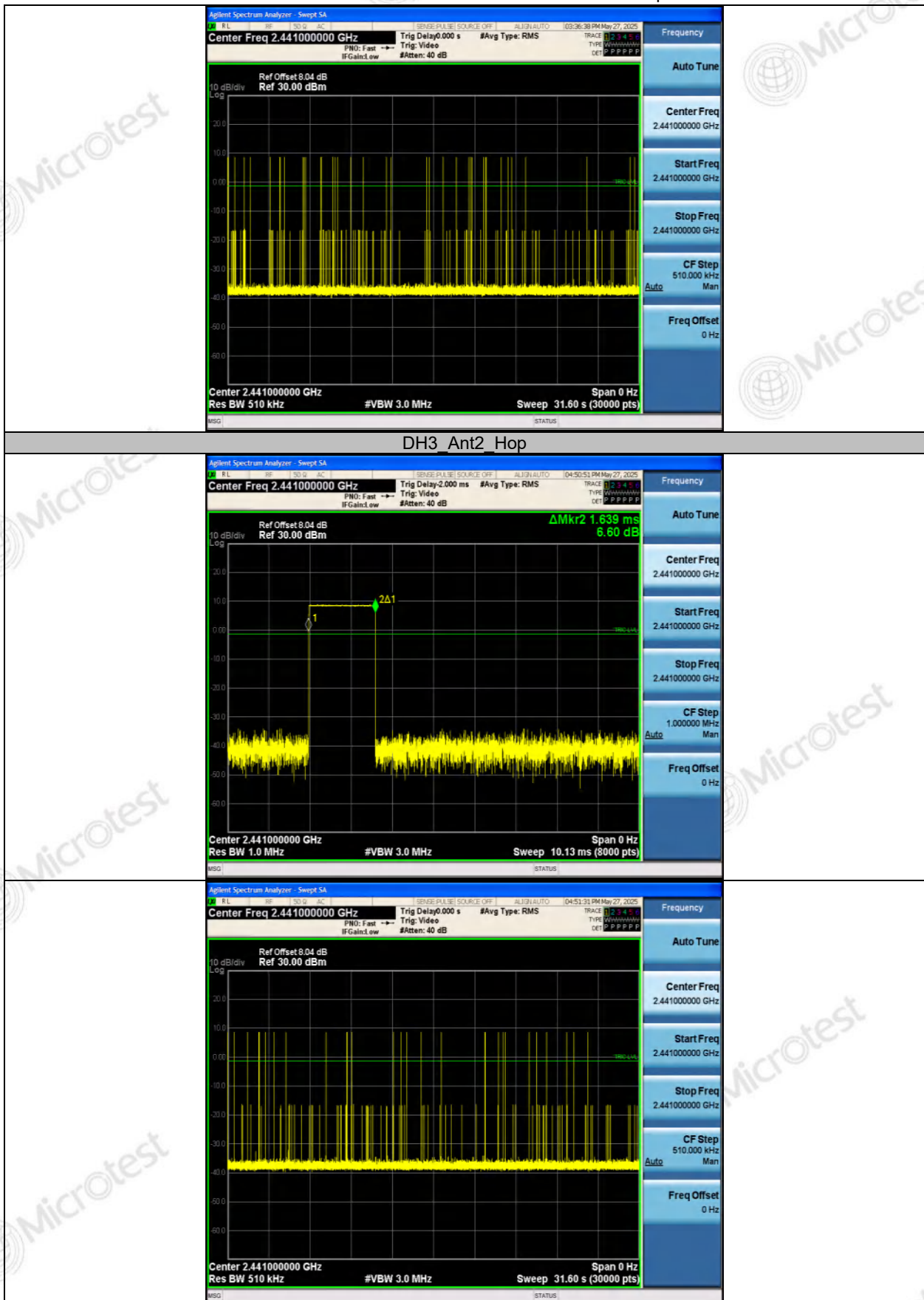


| DH3 | Ant1 | Hop |
|-----|------|-----|
|-----|------|-----|



# TEST REPORT

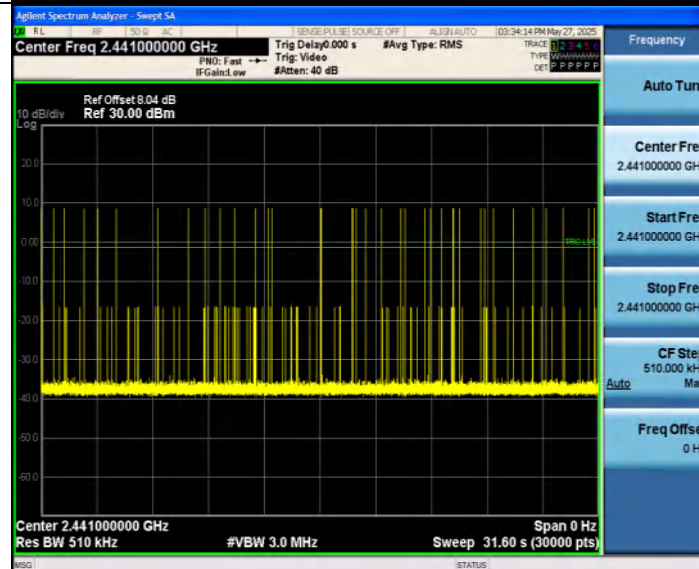
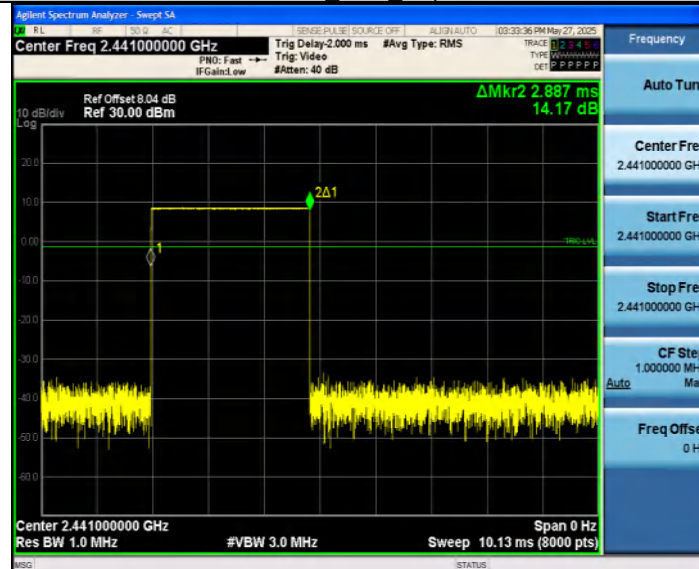
Report No.: MTi250415019-0108E1



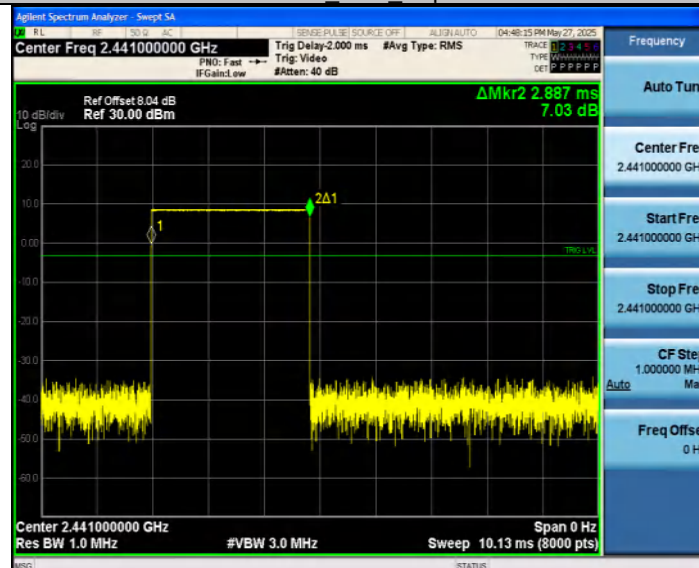
# TEST REPORT

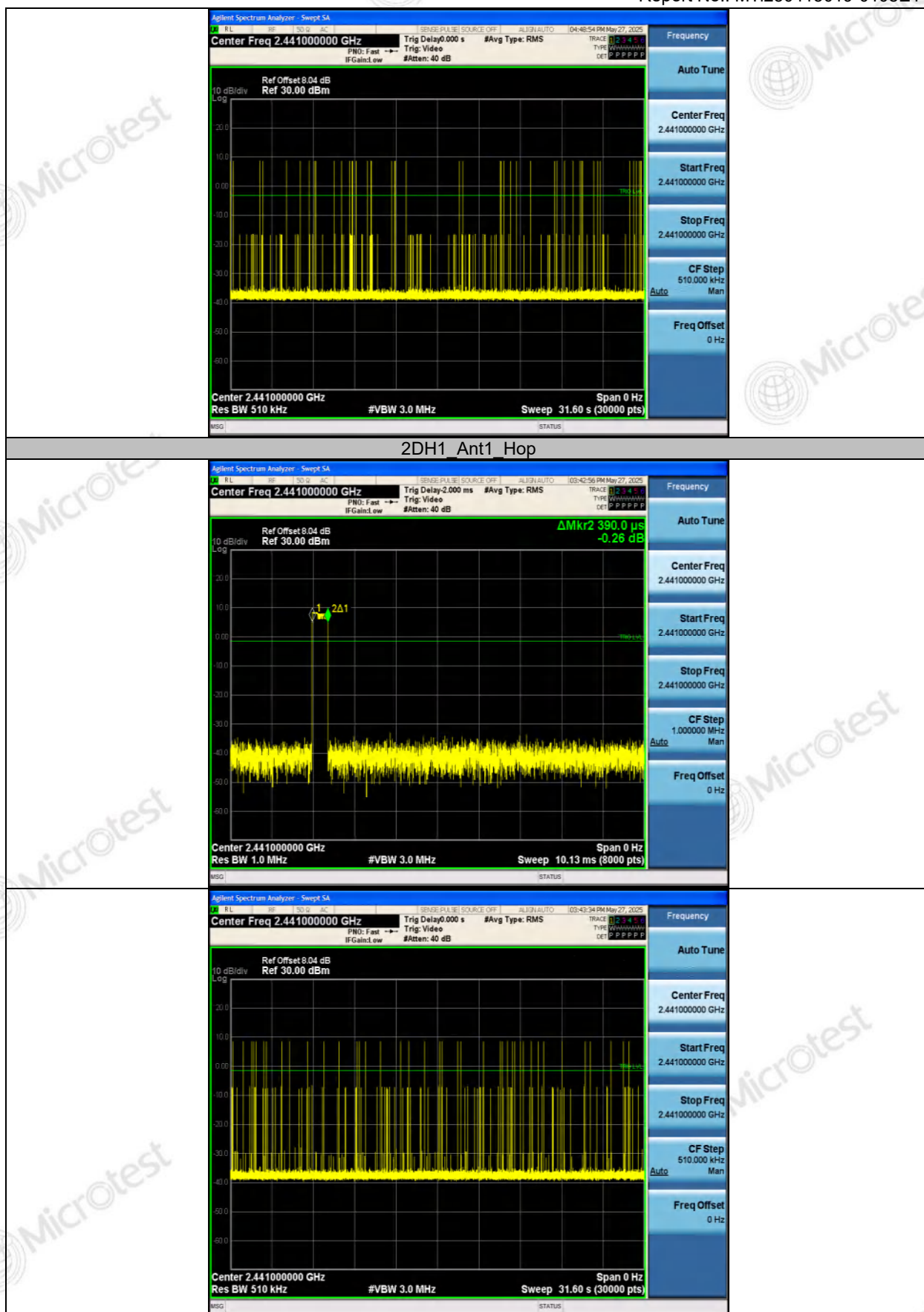
Report No.: MTi250415019-0108E1

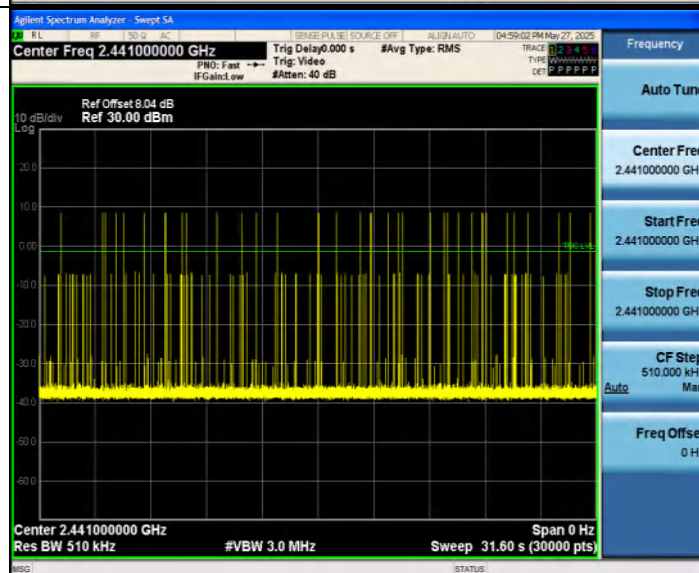
## DH5 Ant1 Hop



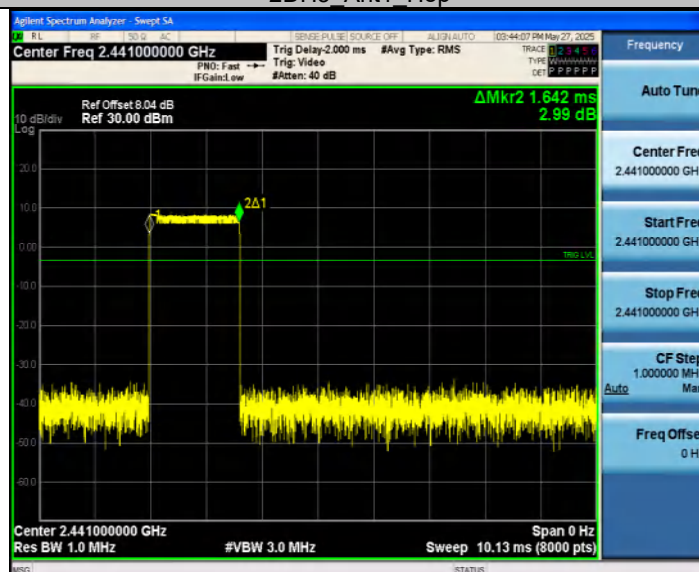
## DH5 Ant2 Hop





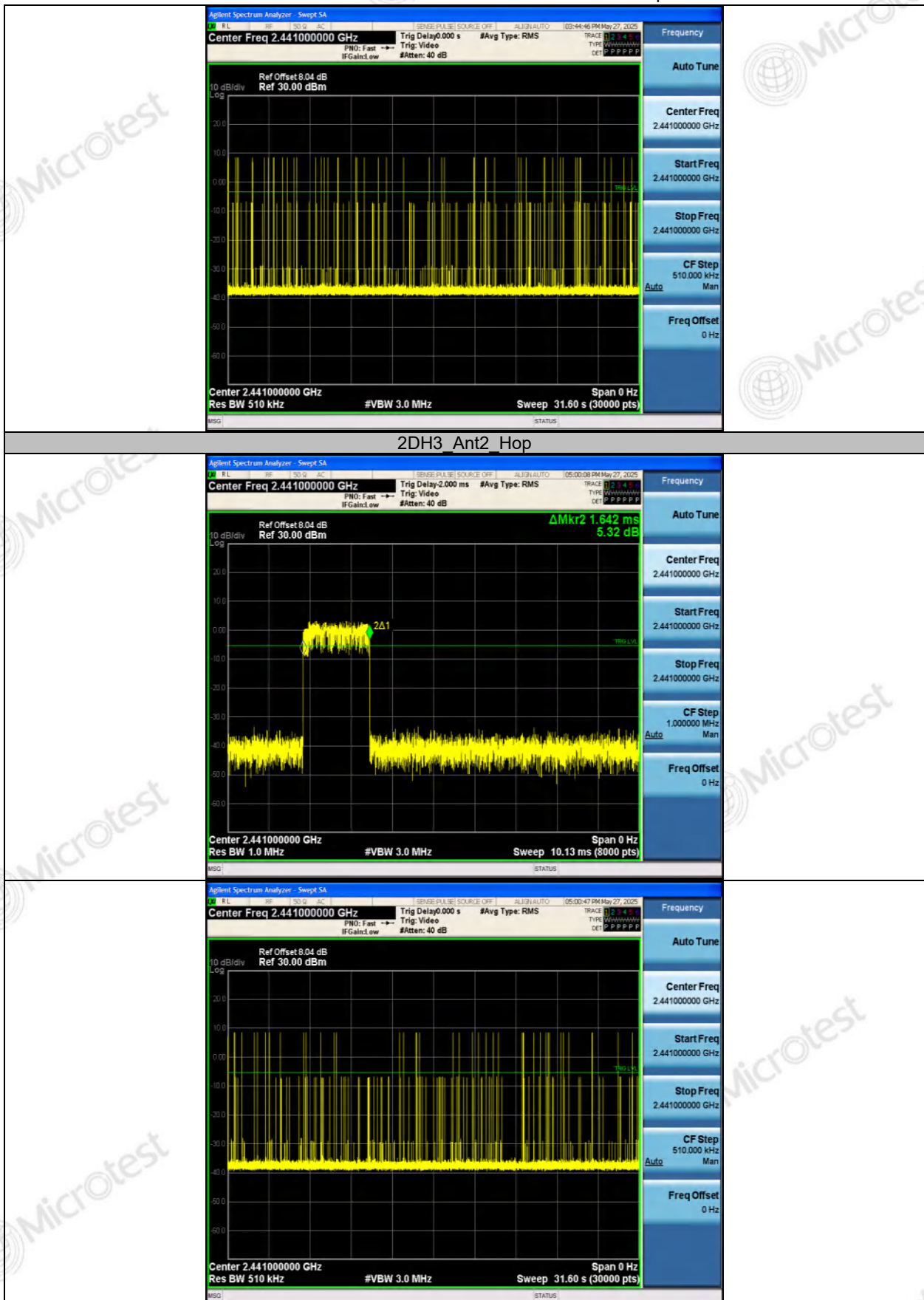


2DH3 Ant1 Hop



# TEST REPORT

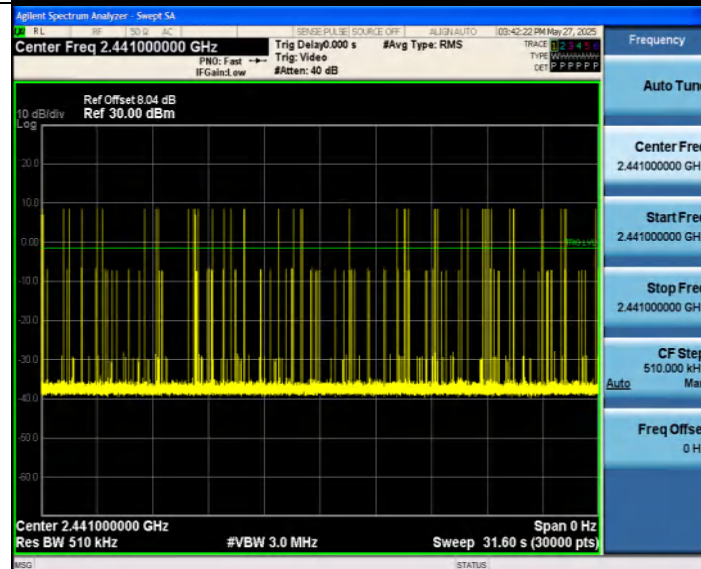
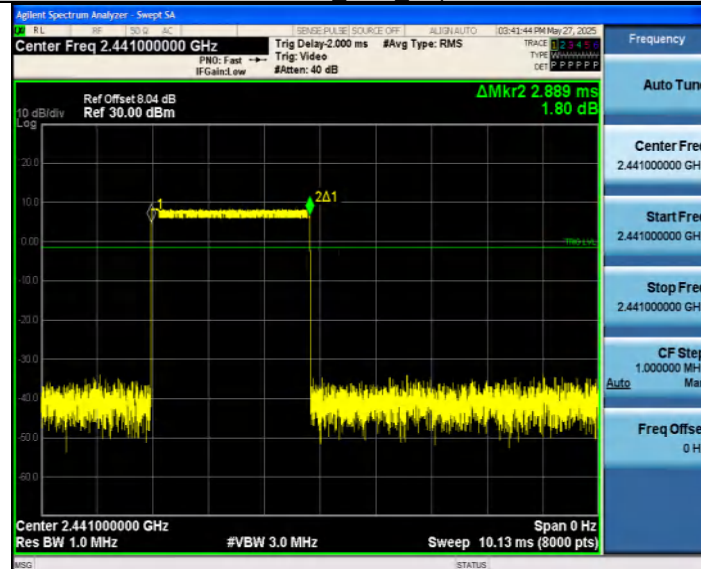
Report No.: MTi250415019-0108E1



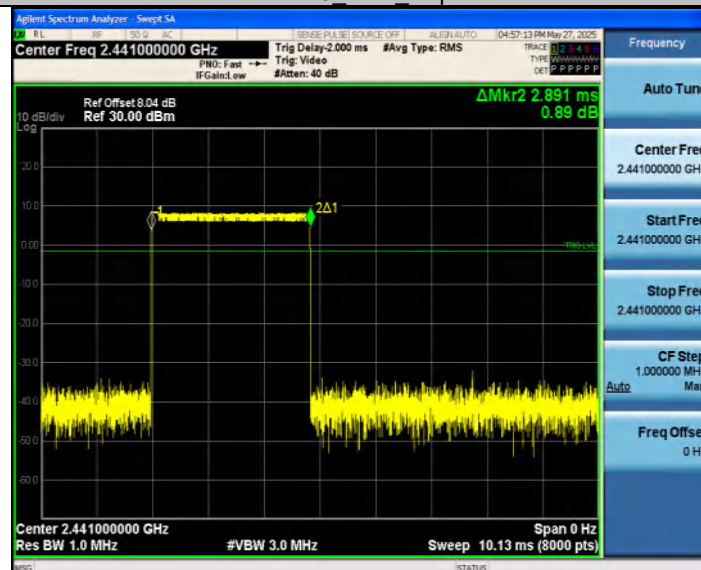
# TEST REPORT

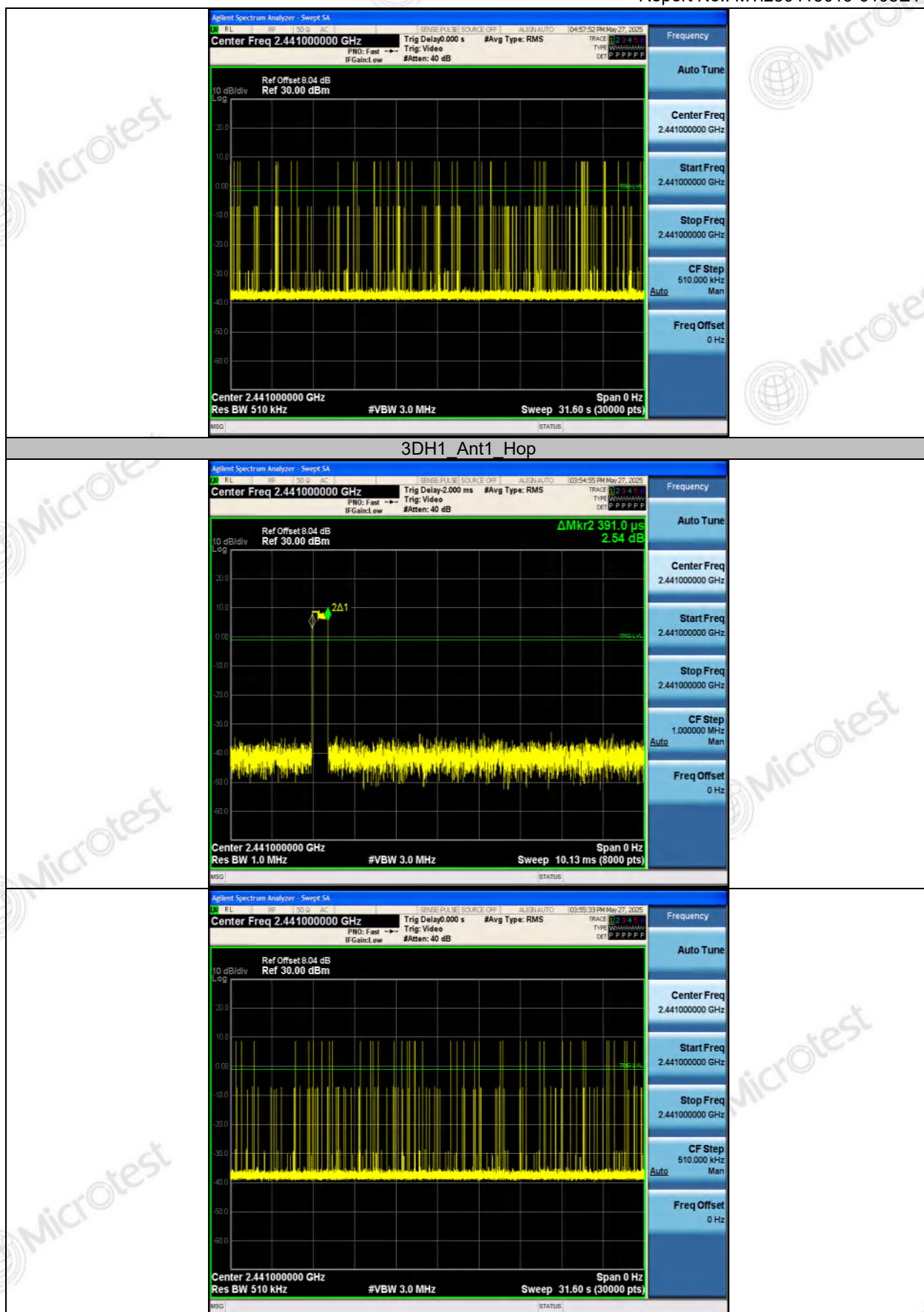
Report No.: MTI250415019-0108E1

## 2DH5 Ant1 Hop



## 2DH5 Ant2 Hop

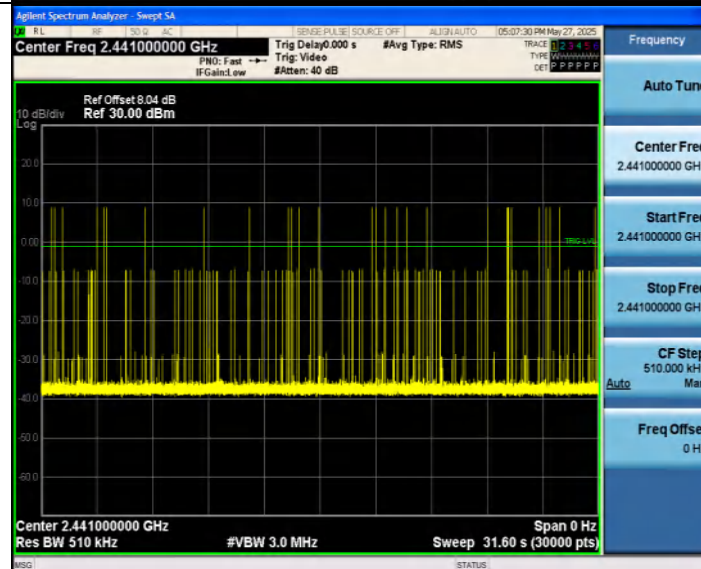
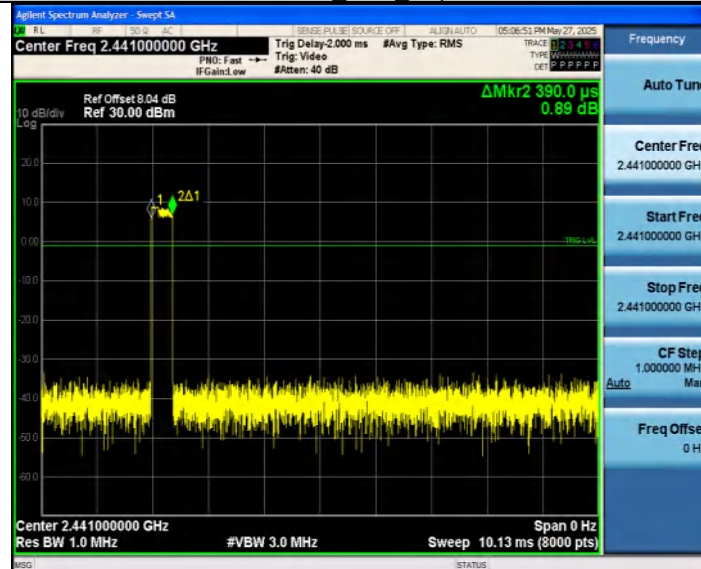




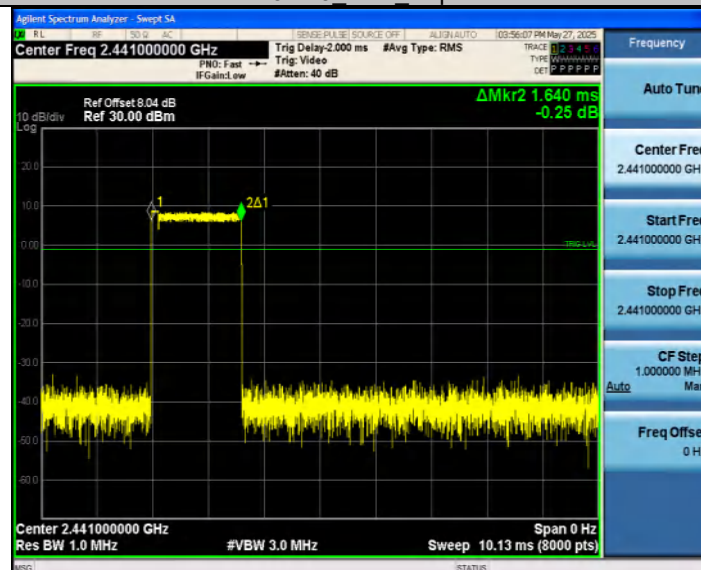
# TEST REPORT

Report No.: MTI250415019-0108E1

## 3DH1\_Ant2\_Hop

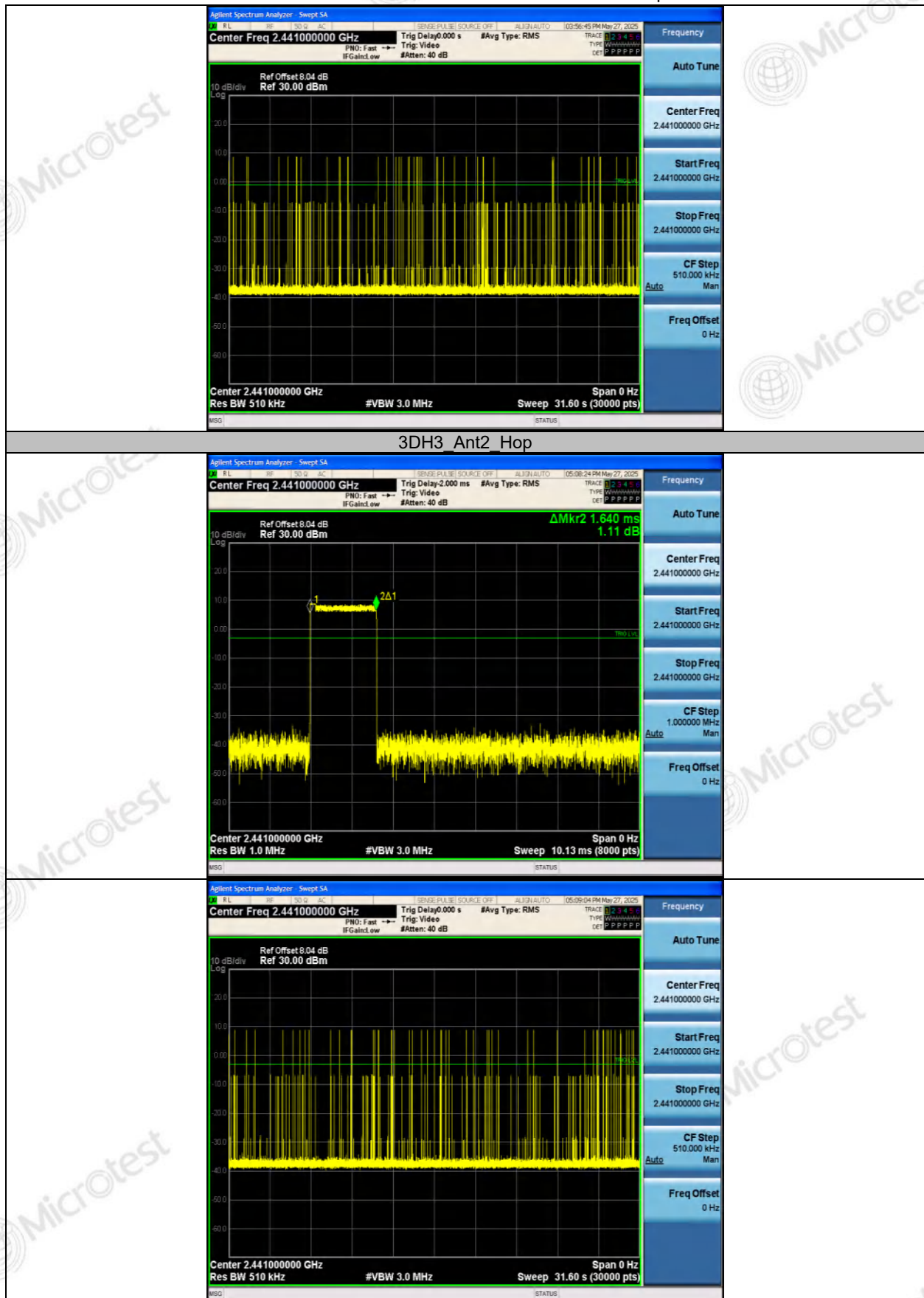


## 3DH3\_Ant1\_Hop

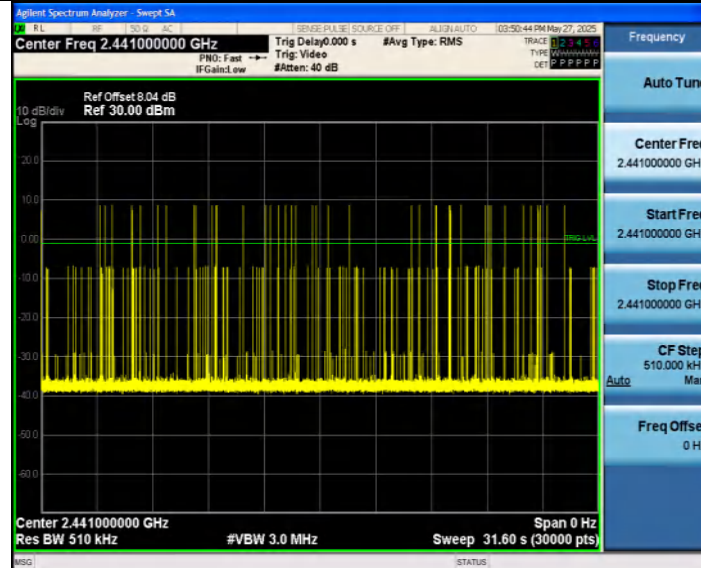
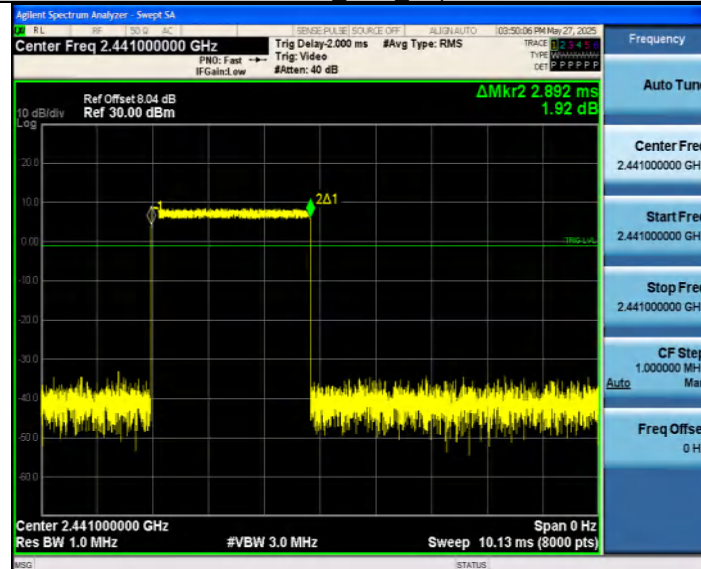


# TEST REPORT

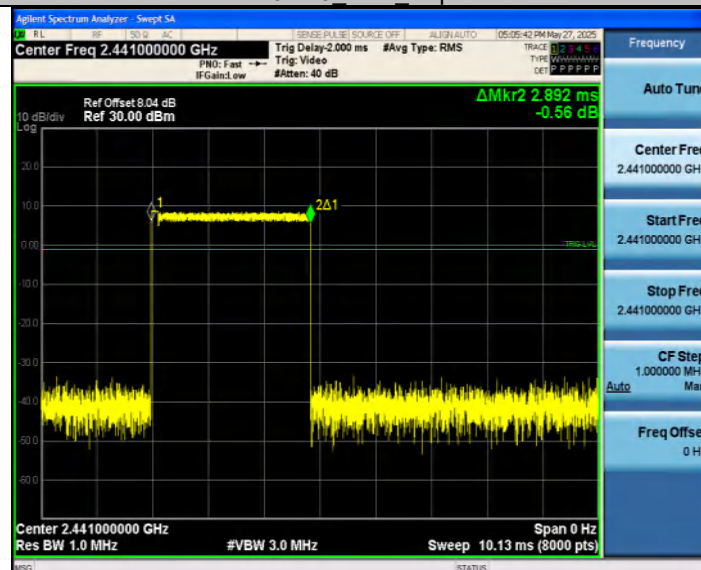
Report No.: MTi250415019-0108E1



## 3DH5\_Ant1\_Hop

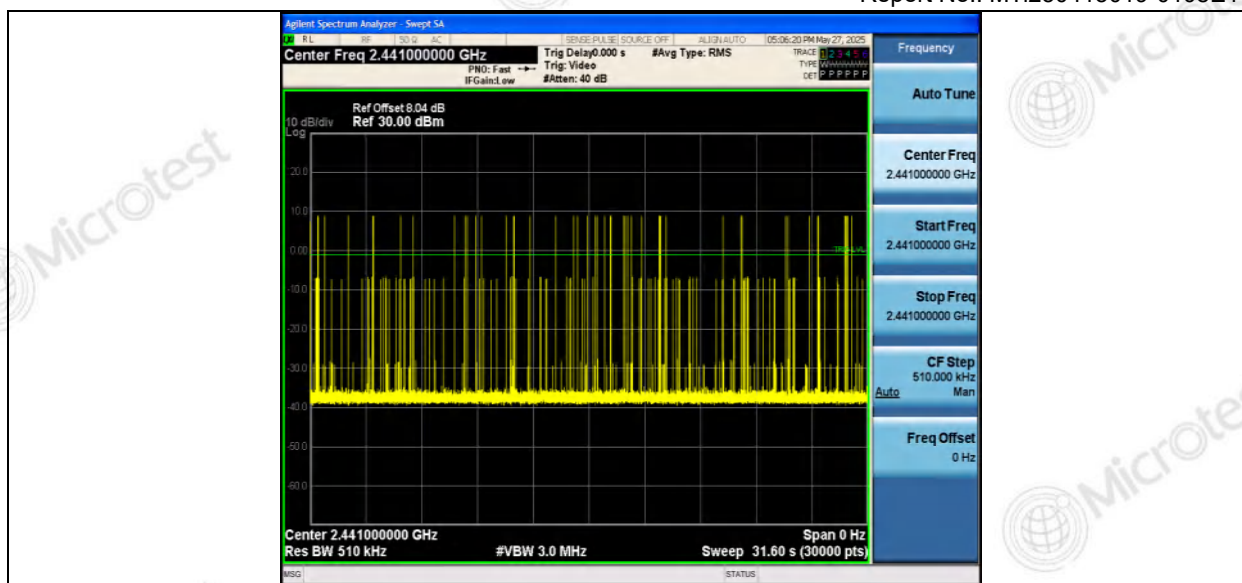


## 3DH5\_Ant2\_Hop



# TEST REPORT

Report No.: MTi250415019-0108E1

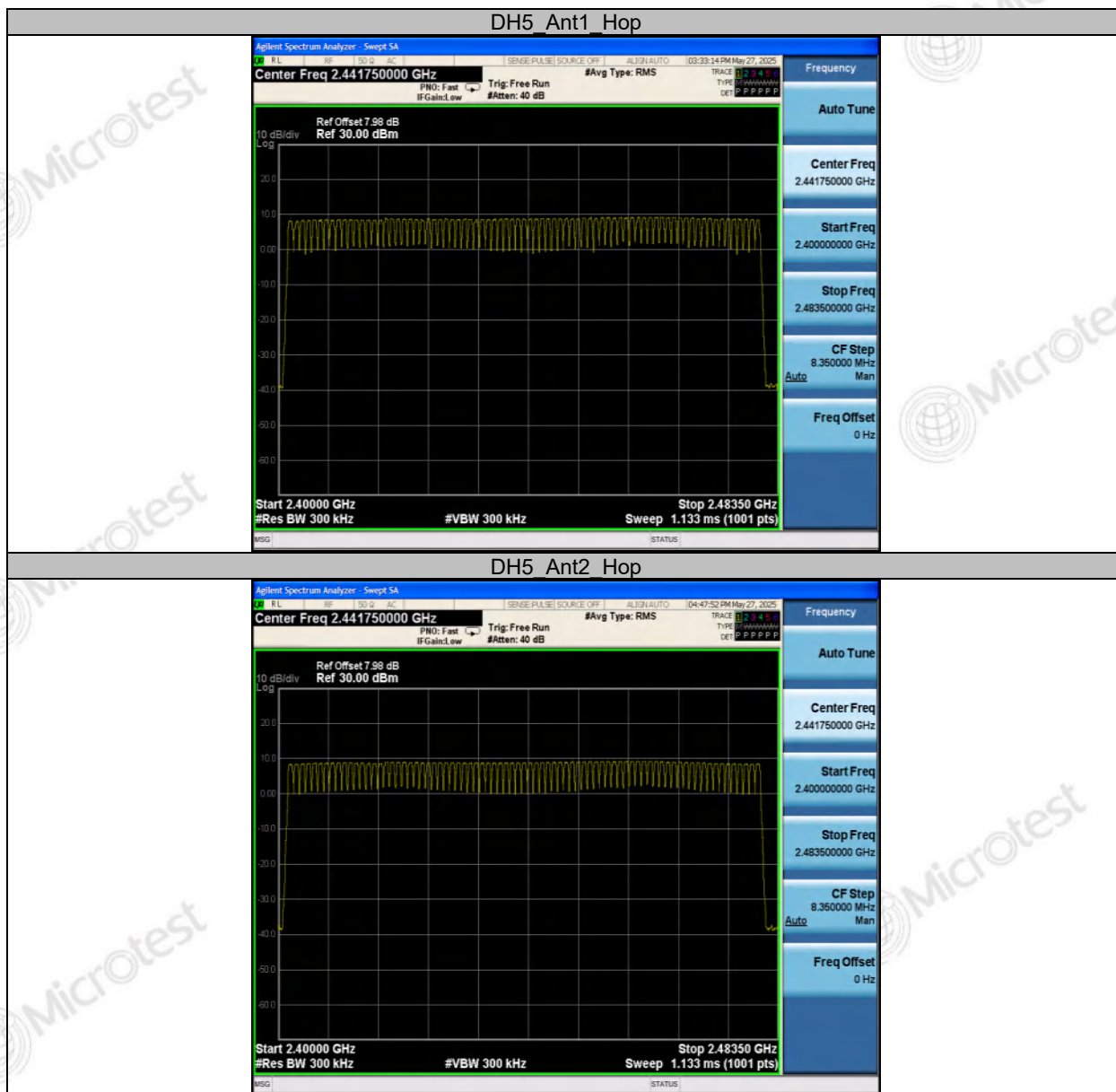


**Appendix E: Number of hopping channels**

## Test Result

| Test Mode | Antenna | Frequency [MHz] | Result [Num] | Limit [Num] | Verdict |
|-----------|---------|-----------------|--------------|-------------|---------|
| DH5       | Ant1    | Hop             | 79           | ≥15         | PASS    |
|           | Ant2    | Hop             | 79           | ≥15         | PASS    |
| 2DH5      | Ant1    | Hop             | 79           | ≥15         | PASS    |
|           | Ant2    | Hop             | 79           | ≥15         | PASS    |
| 3DH5      | Ant1    | Hop             | 79           | ≥15         | PASS    |
|           | Ant2    | Hop             | 79           | ≥15         | PASS    |

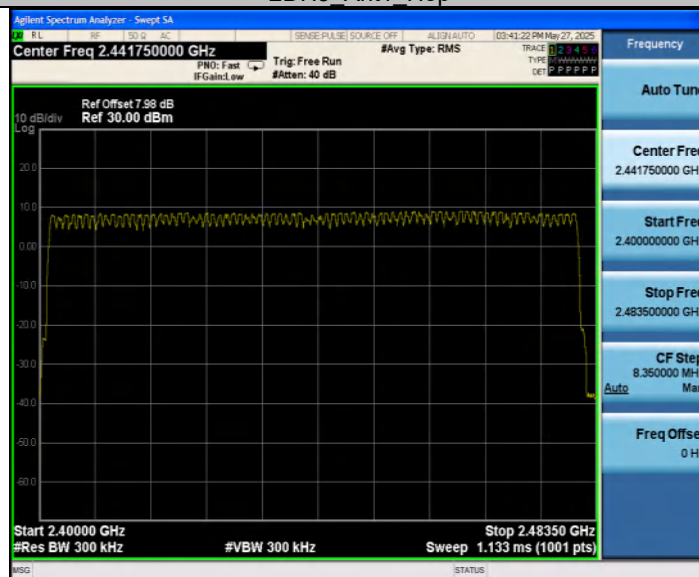
## Test Graphs



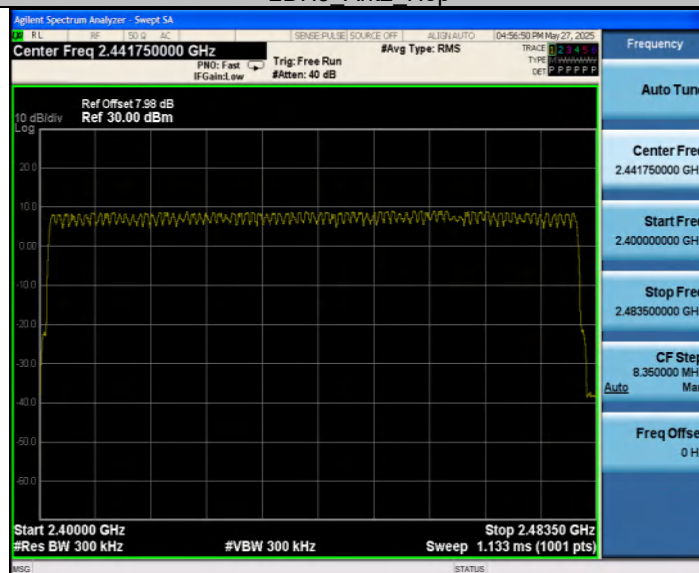
# TEST REPORT

Report No.: MTI250415019-0108E1

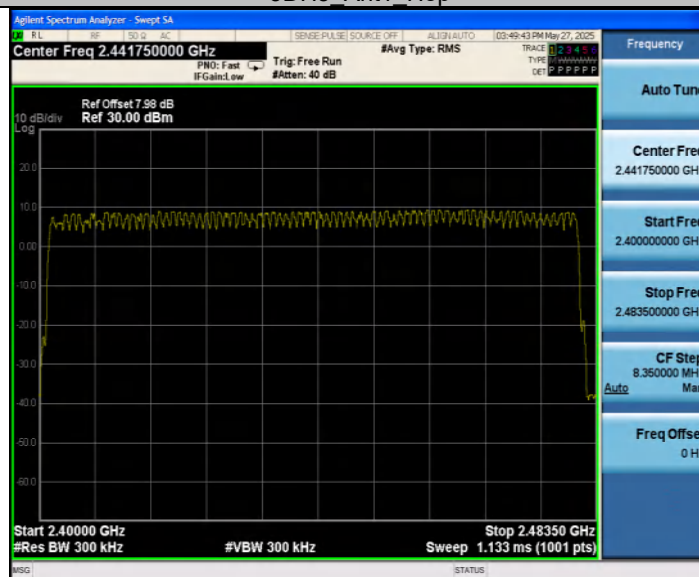
## 2DH5\_Ant1\_Hop



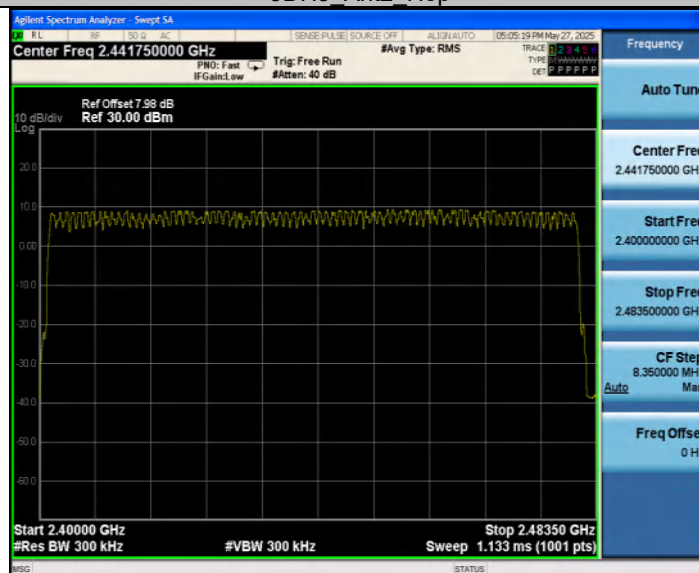
## 2DH5\_Ant2\_Hop



## 3DH5\_Ant1\_Hop

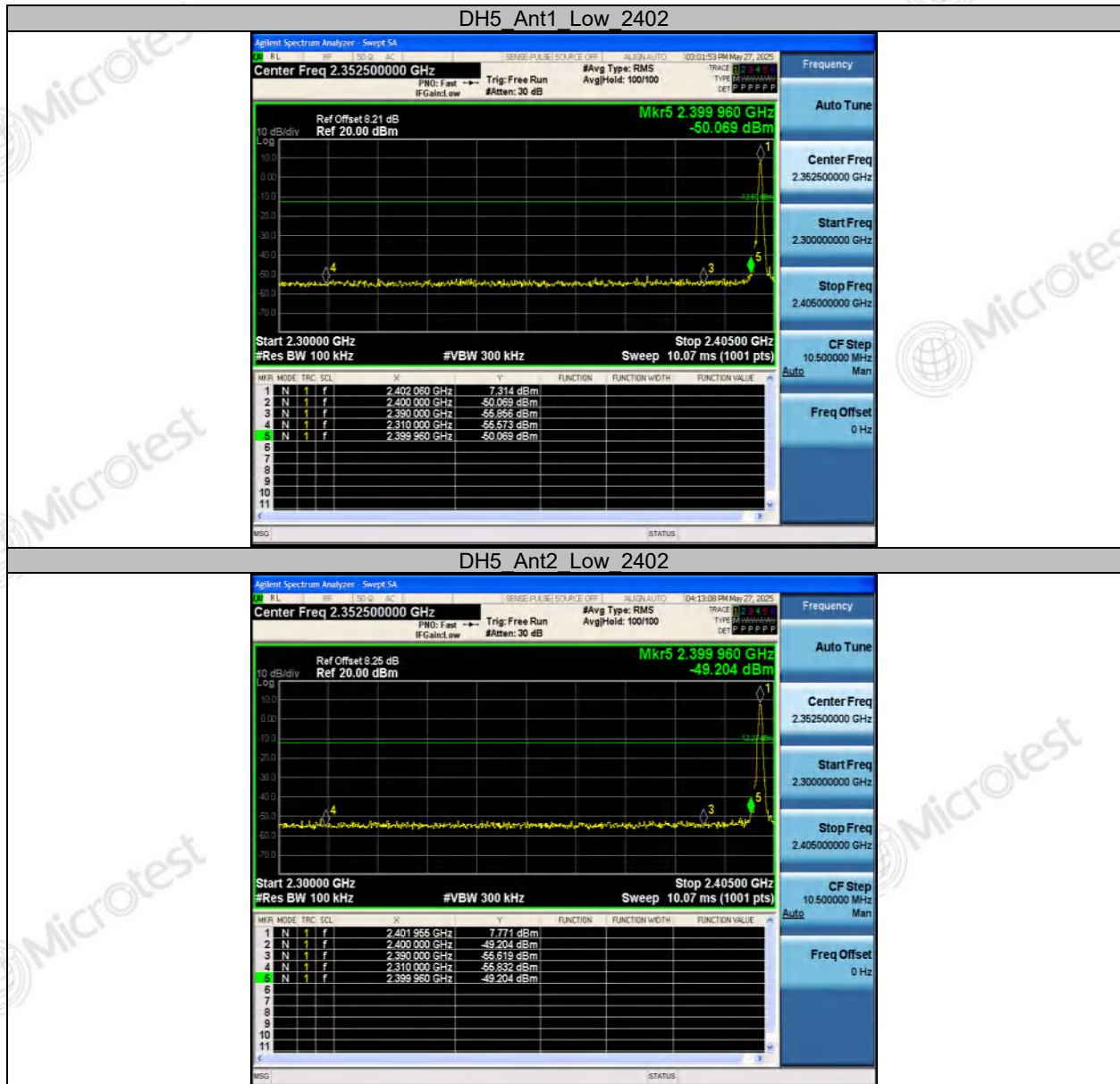


## 3DH5\_Ant2\_Hop



## Appendix F: Band edge measurements

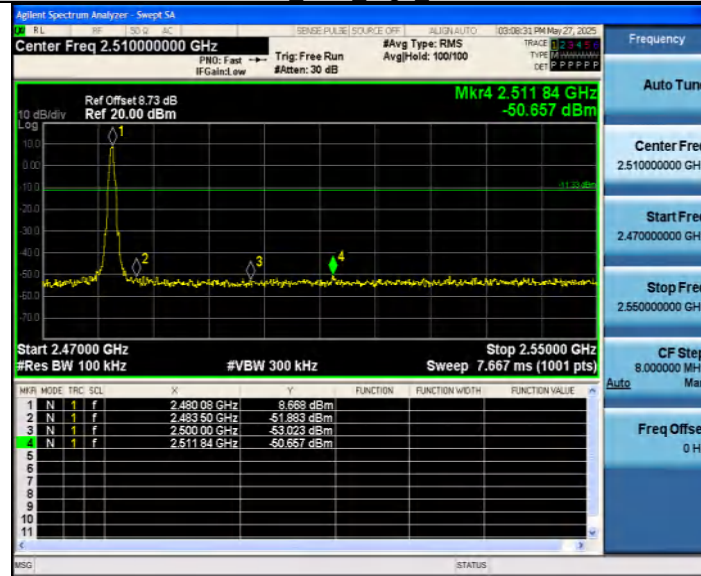
### Test Graphs



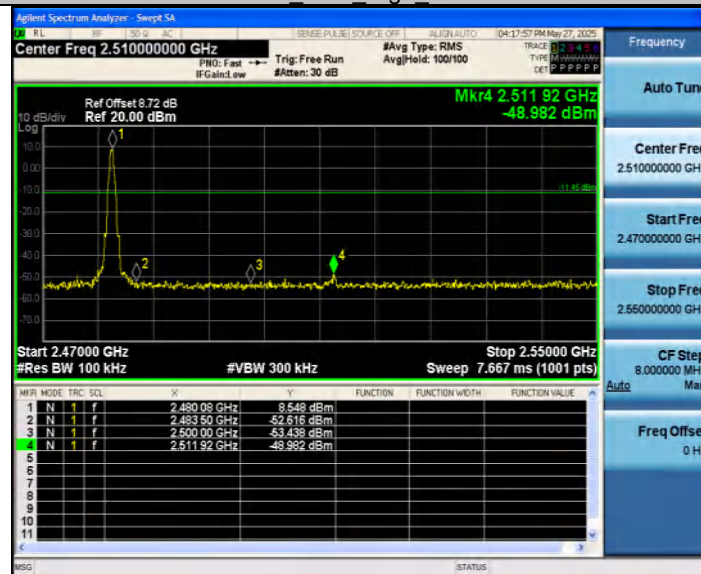
# TEST REPORT

Report No.: MTi250415019-0108E1

## DH5\_Ant1\_High\_2480



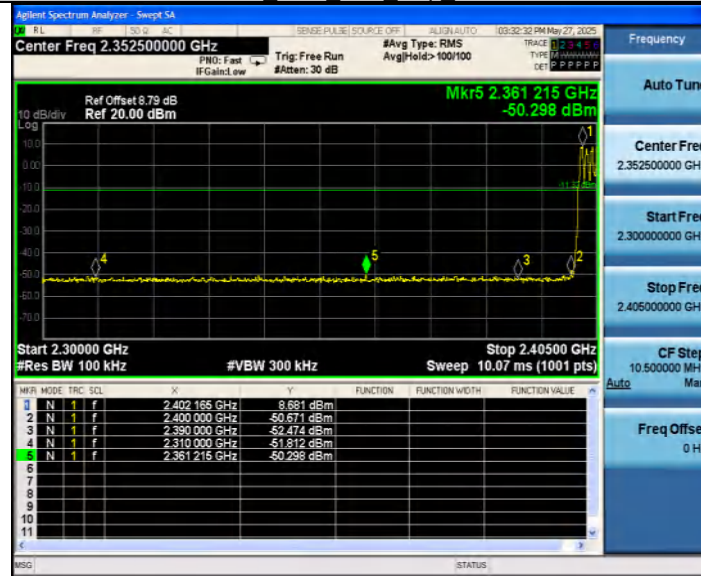
## DH5\_Ant2\_High\_2480



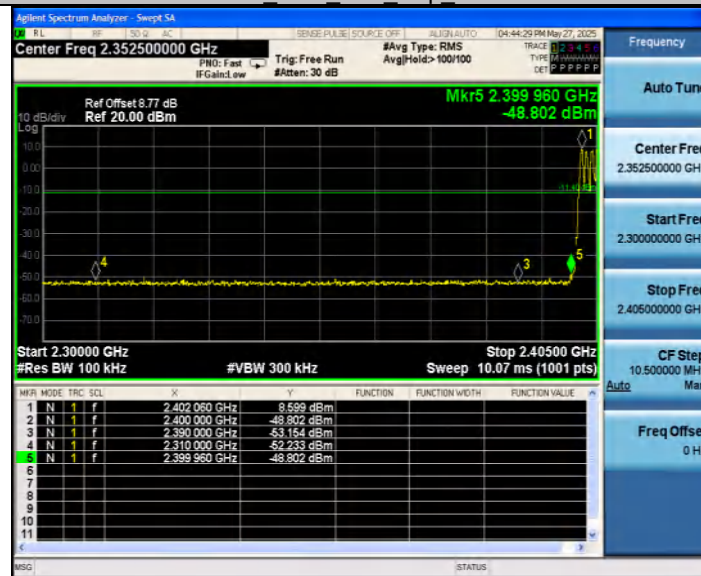
# TEST REPORT

Report No.: MTi250415019-0108E1

## DH5 Ant1 Low Hop 2402



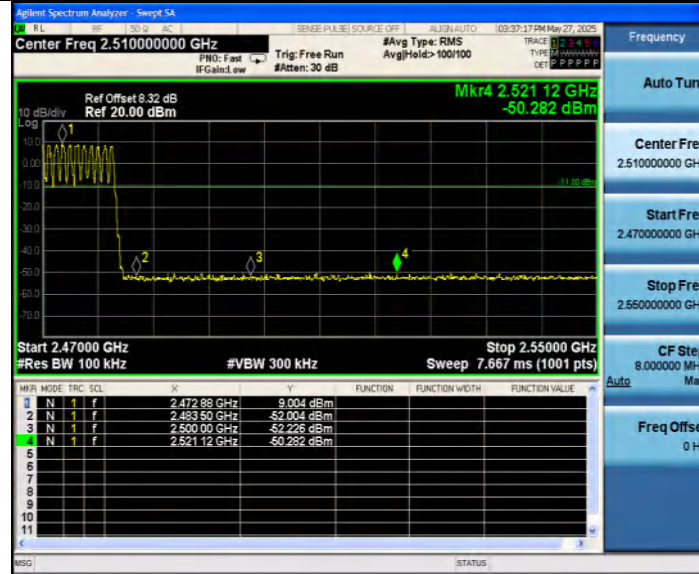
## DH5 Ant2 Low Hop 2402



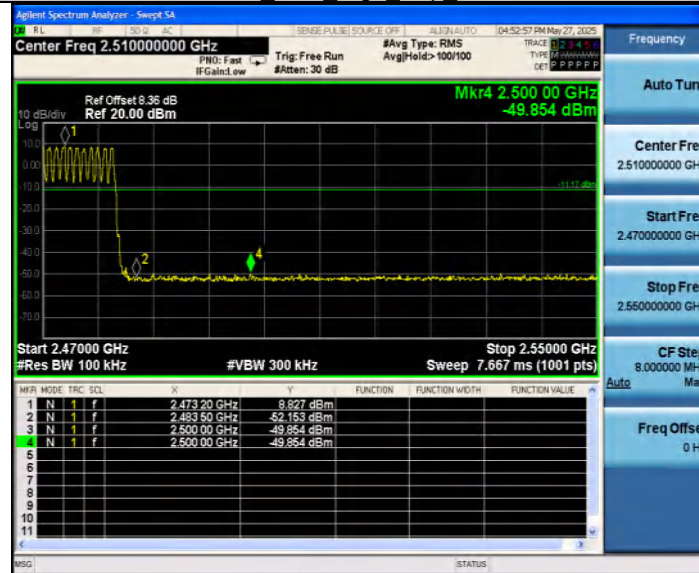
# TEST REPORT

Report No.: MTi250415019-0108E1

## DH5 Ant1 High Hop 2480



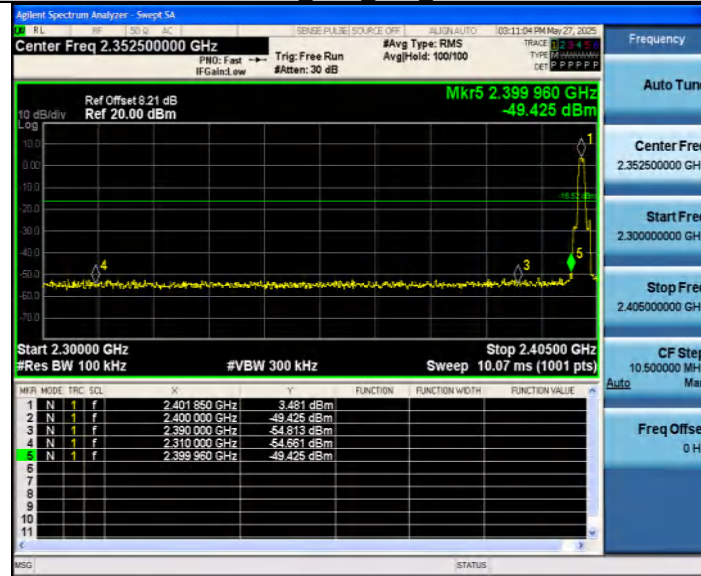
## DH5 Ant2 High Hop 2480



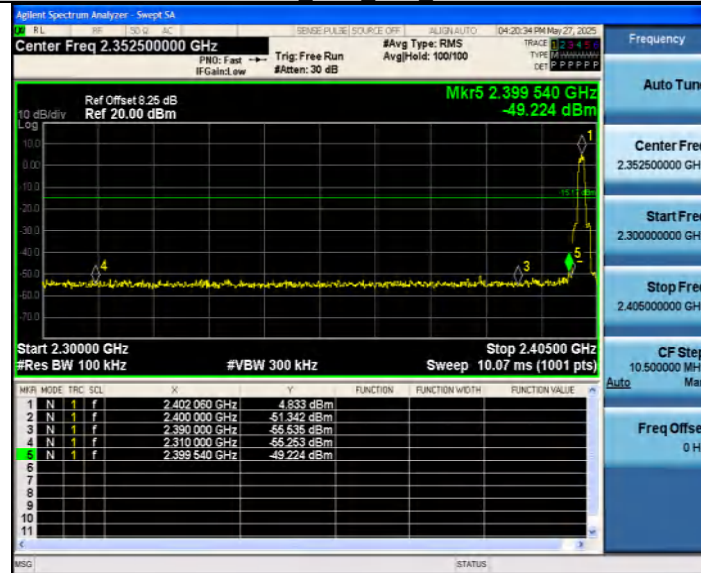
# TEST REPORT

Report No.: MTI250415019-0108E1

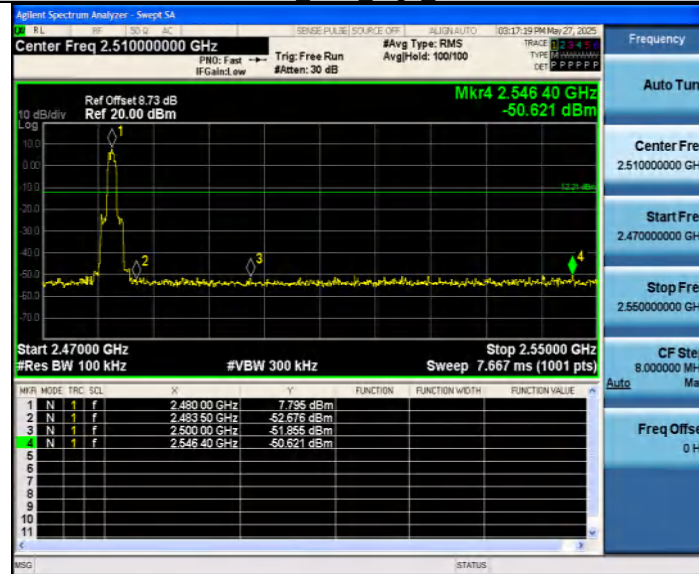
2DH5 Ant1 Low 2402



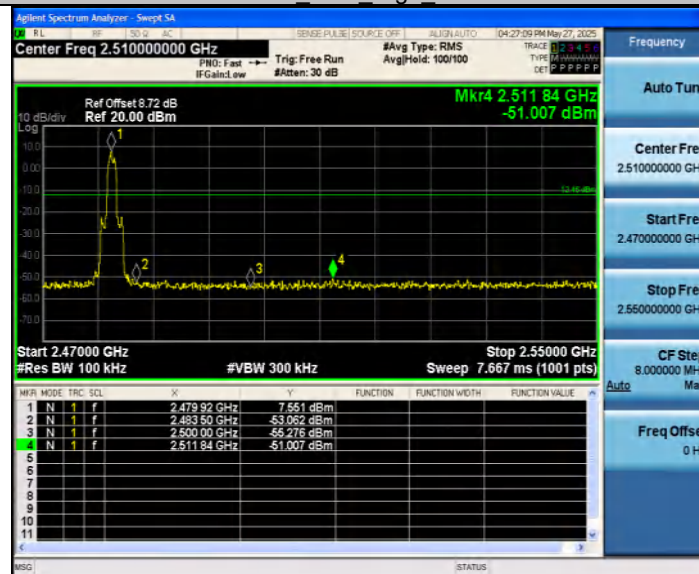
2DH5 Ant2 Low 2402



## 2DH5 Ant1 High 2480



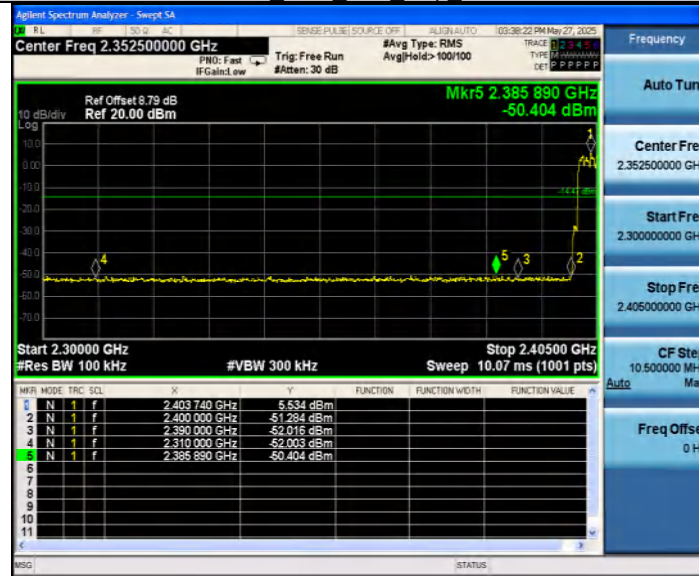
## 2DH5 Ant2 High 2480



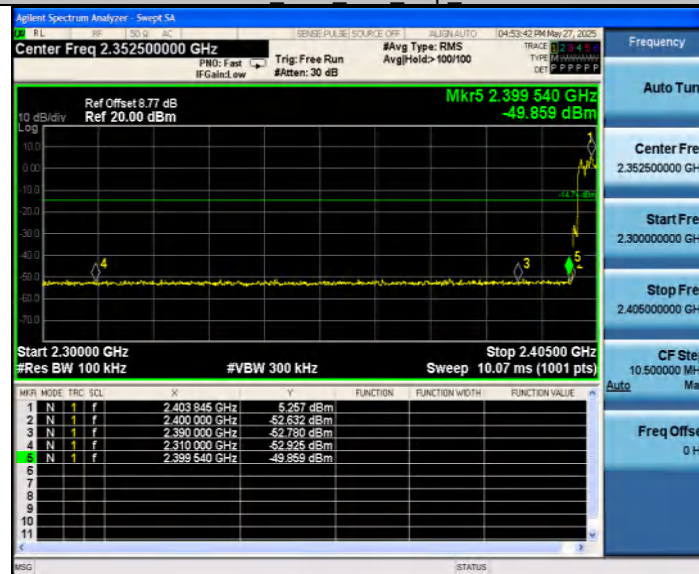
# TEST REPORT

Report No.: MTi250415019-0108E1

## 2DH5 Ant1 Low Hop 2402



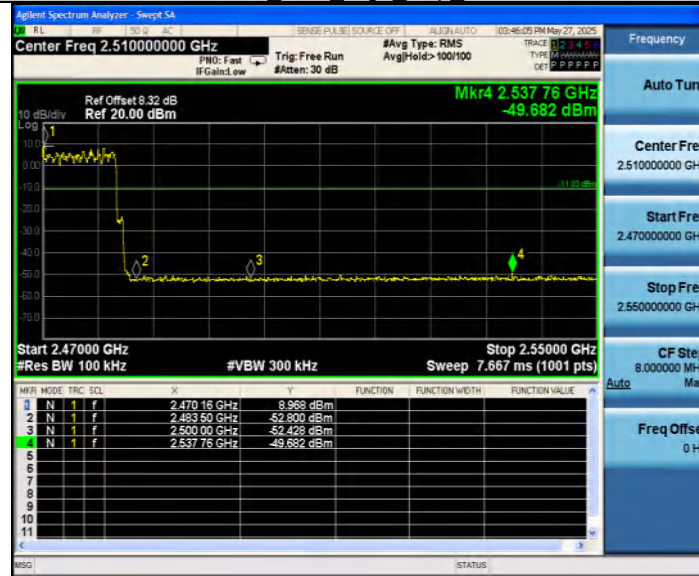
## 2DH5 Ant2 Low Hop 2402



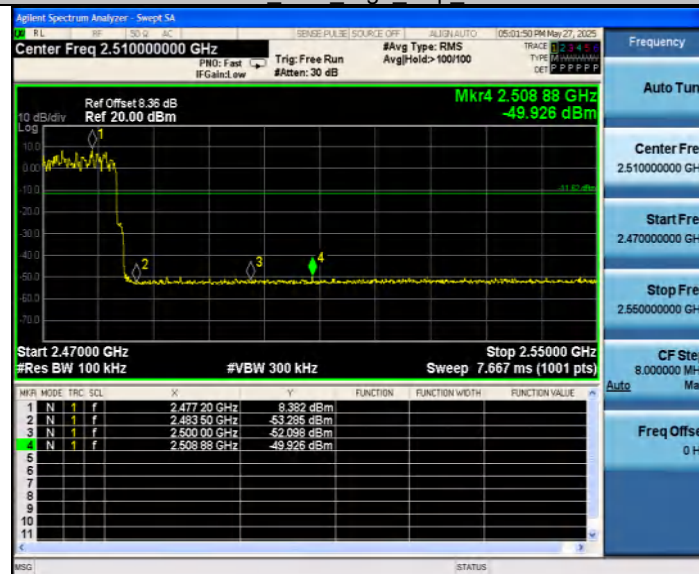
# TEST REPORT

Report No.: MTi250415019-0108E1

## 2DH5 Ant1 High Hop 2480



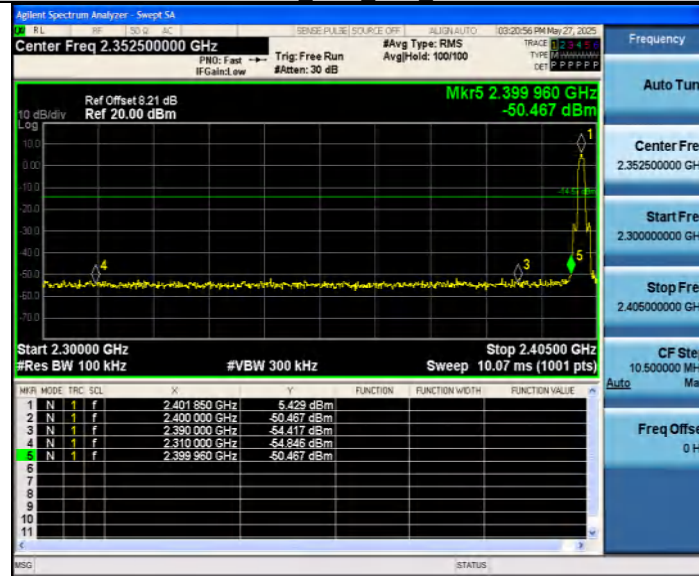
## 2DH5 Ant2 High Hop 2480



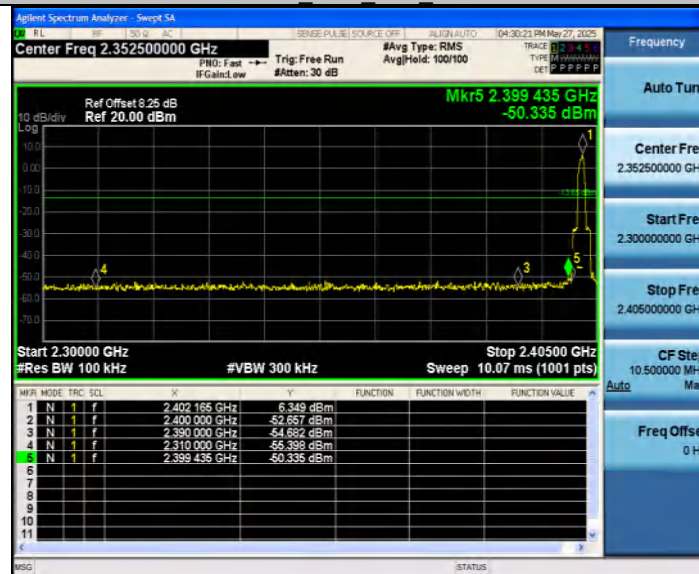
# TEST REPORT

Report No.: MTi250415019-0108E1

3DH5 Ant1 Low 2402



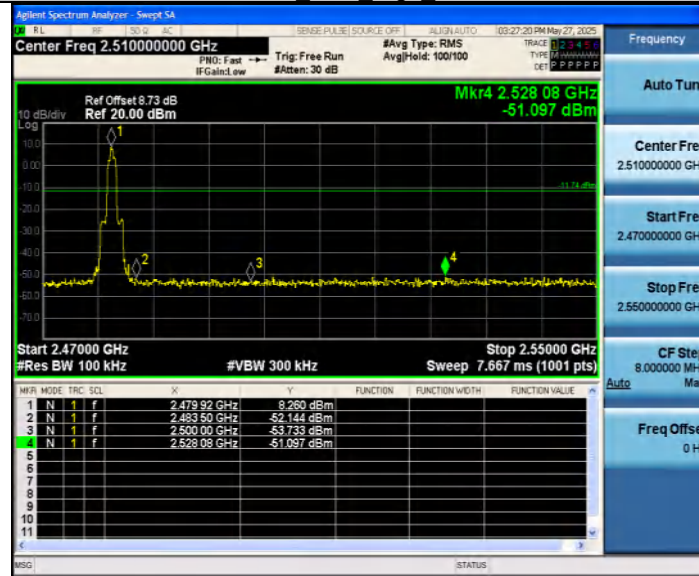
3DH5 Ant2 Low 2402



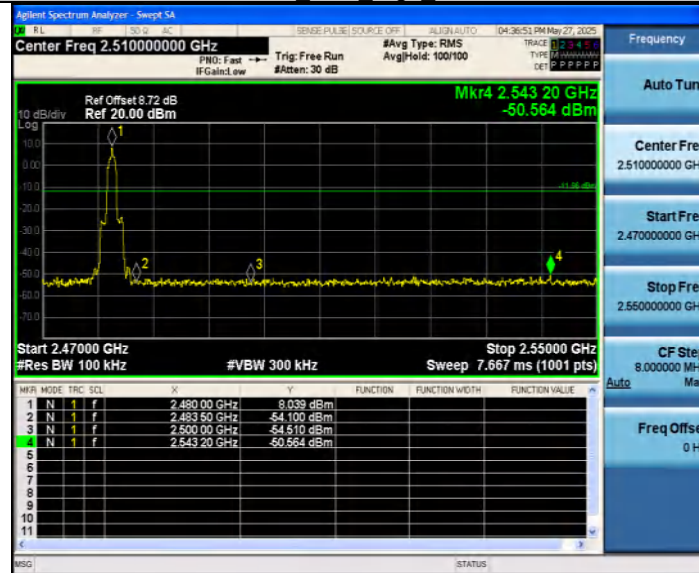
# TEST REPORT

Report No.: MTi250415019-0108E1

3DH5 Ant1 High 2480



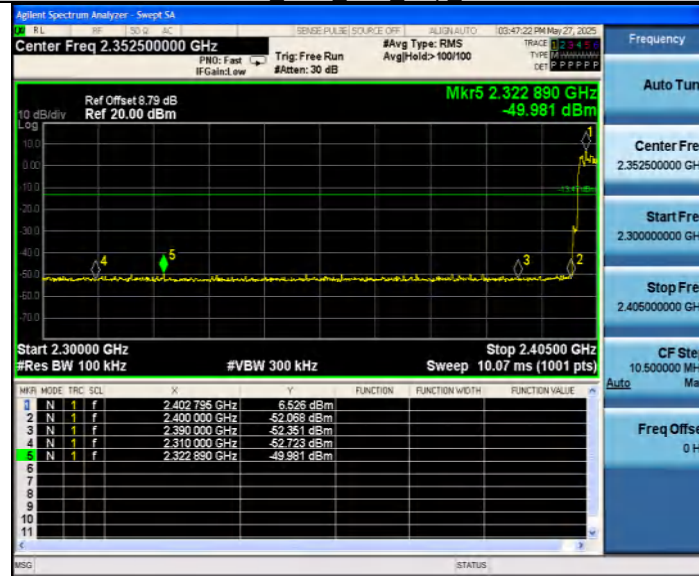
3DH5 Ant2 High 2480



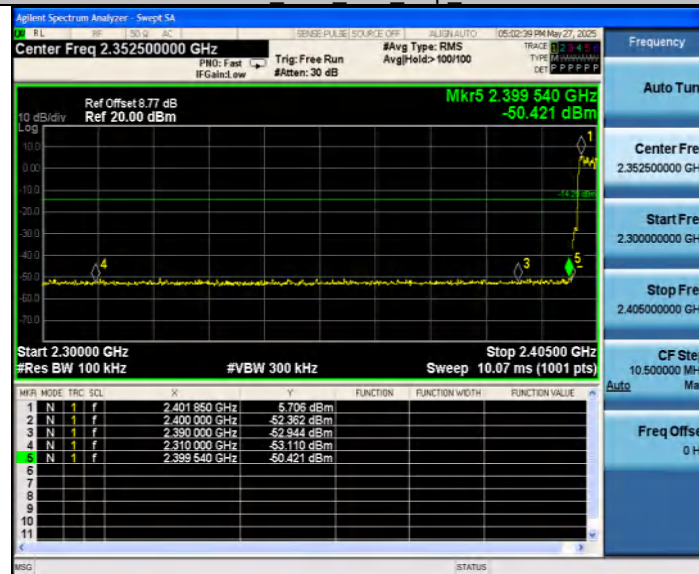
# TEST REPORT

Report No.: MTi250415019-0108E1

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



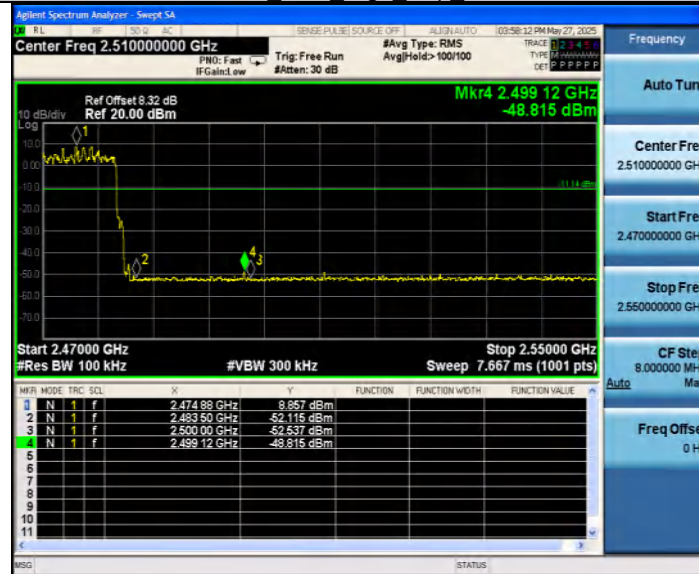
## 3DH5\_Ant2\_Low\_Hop\_2402



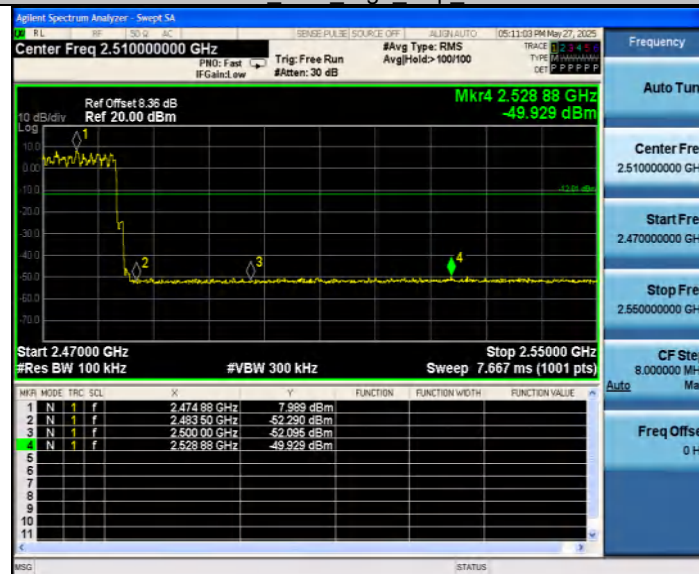
# TEST REPORT

Report No.: MTi250415019-0108E1

## 3DH5 Ant1 High Hop 2480



## 3DH5 Ant2 High Hop 2480



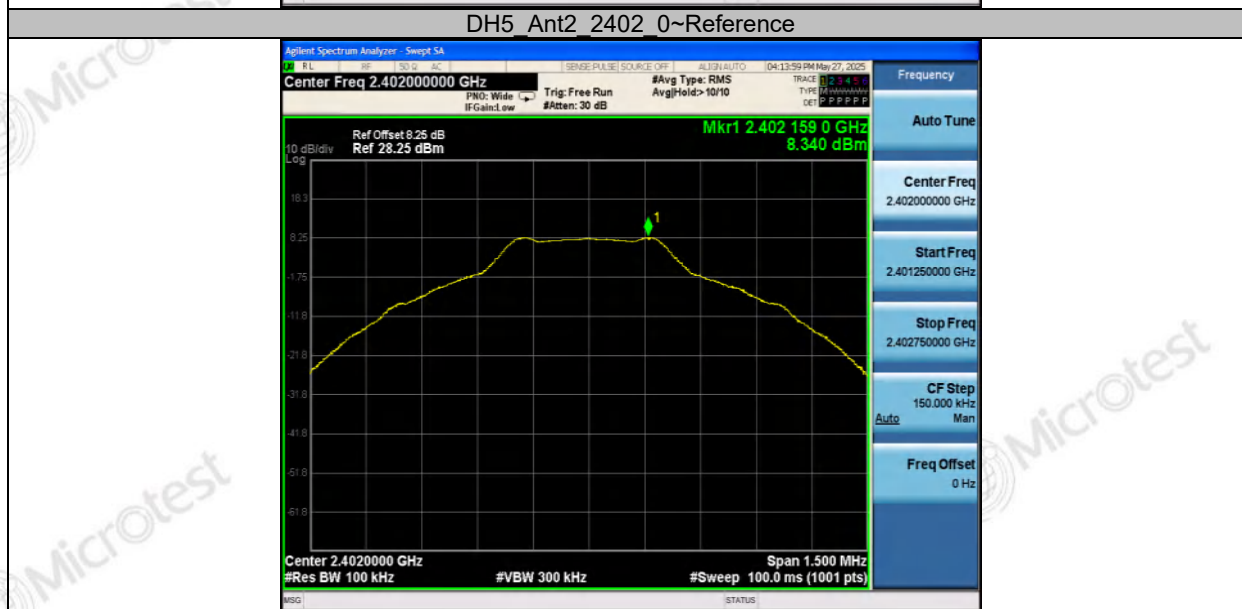
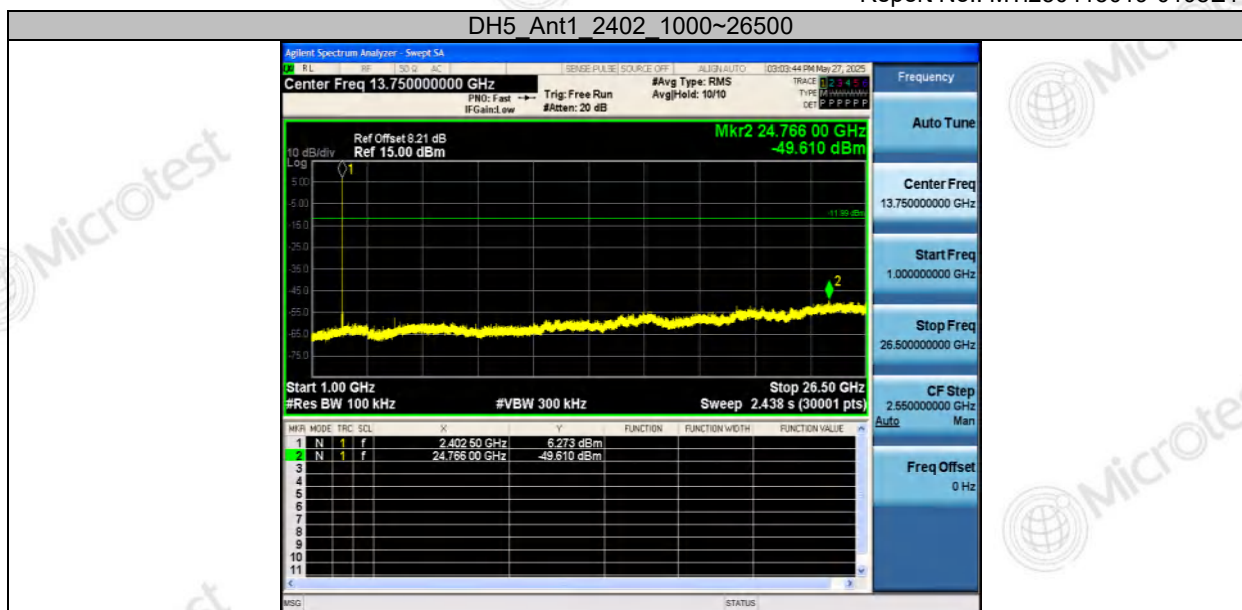
## Appendix G: Conducted Spurious Emission

### Test Graphs





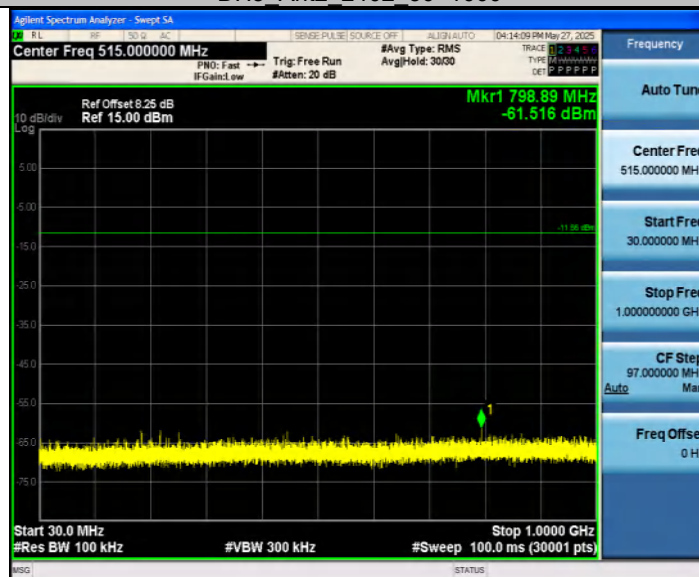
Report No.: MTi250415019-0108E1



# TEST REPORT

Report No.: MTi250415019-0108E1

DH5 Ant2 2402 30~1000



DH5 Ant2 2402 1000~26500



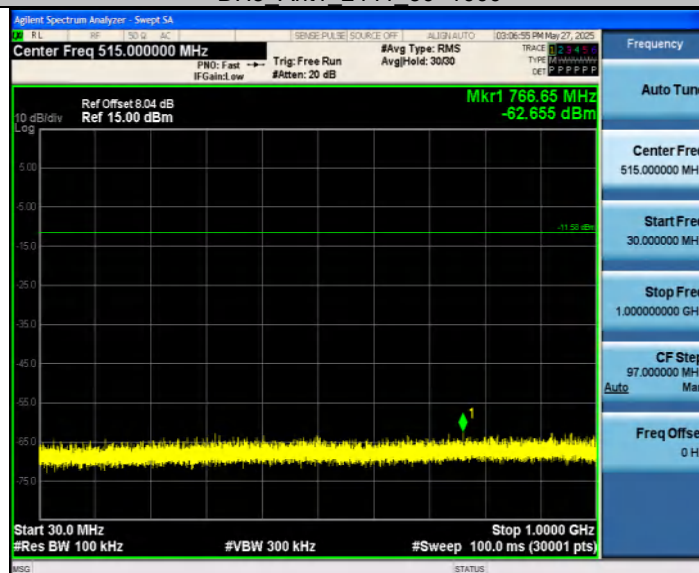
# TEST REPORT

Report No.: MTI250415019-0108E1

DH5\_Ant1\_2441\_0~Reference



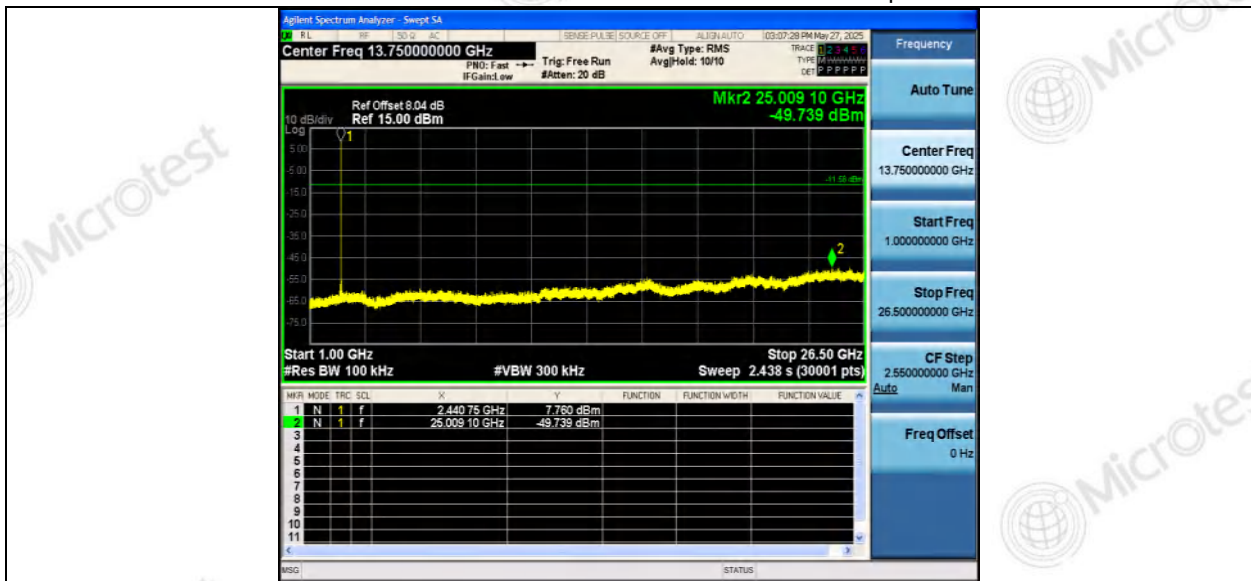
DH5\_Ant1\_2441\_30~1000



DH5\_Ant1\_2441\_1000~26500

# TEST REPORT

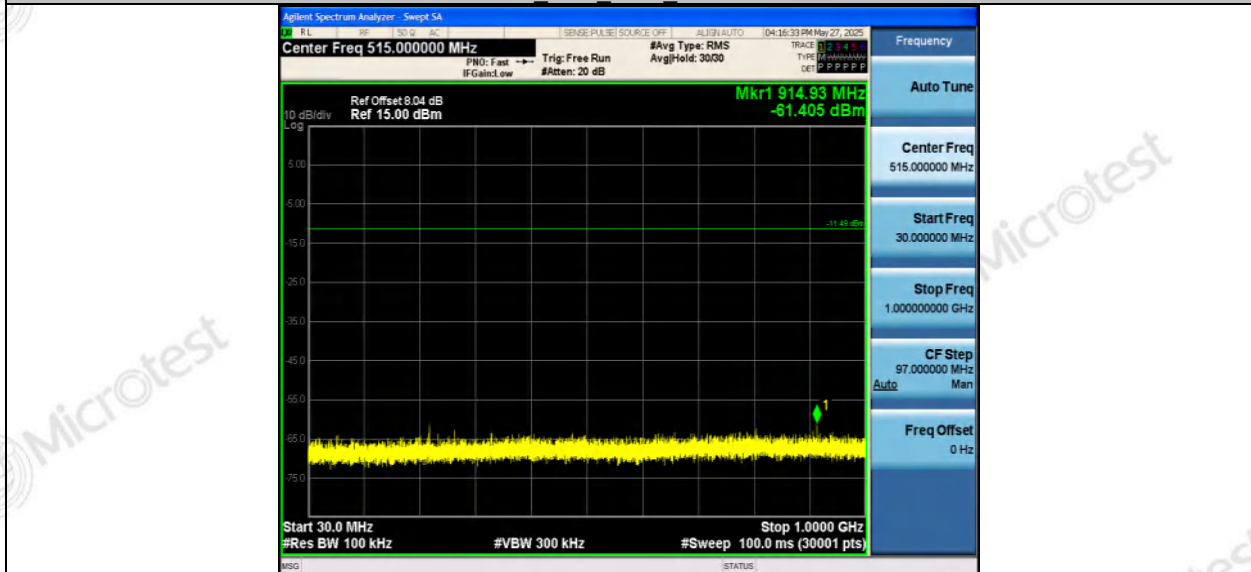
Report No.: MTi250415019-0108E1



DH5 Ant2 2441 0~Reference



DH5 Ant2 2441 30~1000



# TEST REPORT

Report No.: MTi250415019-0108E1

DH5 Ant2 2441 1000~26500



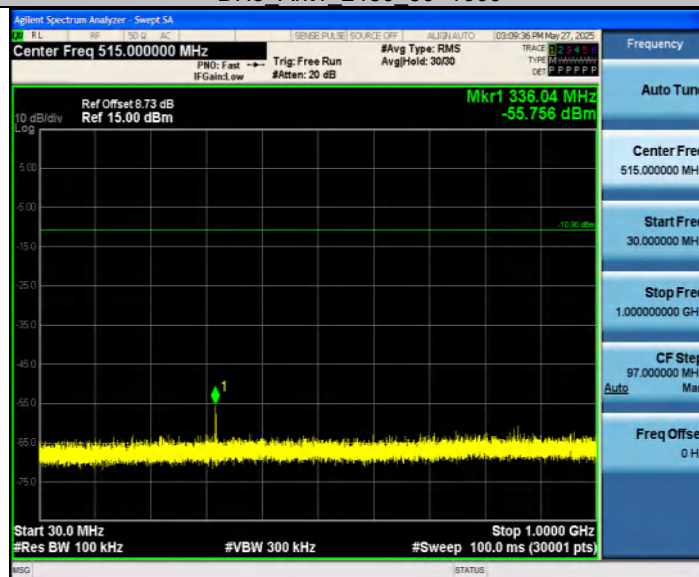
DH5 Ant1 2480 0~Reference



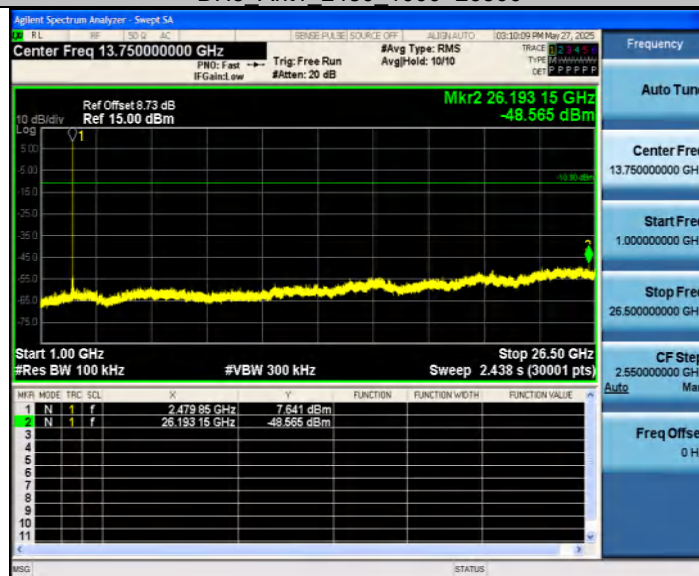
# TEST REPORT

Report No.: MTi250415019-0108E1

DH5 Ant1 2480 30~1000



DH5 Ant1 2480 1000~26500



# TEST REPORT

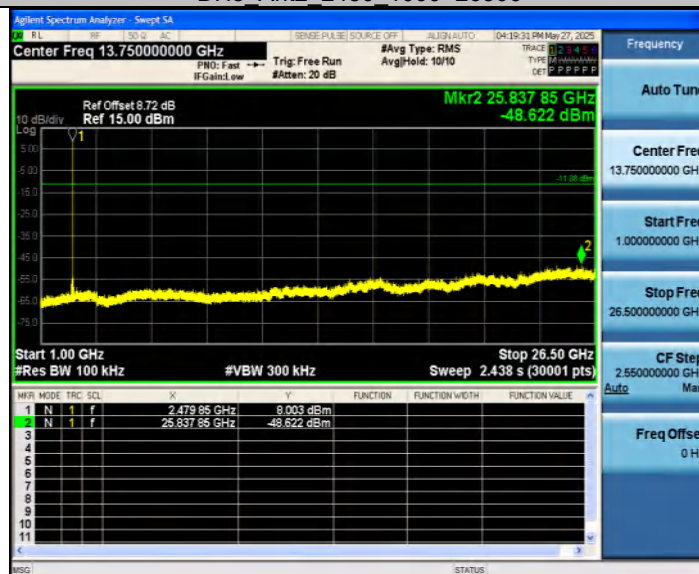
Report No.: MTI250415019-0108E1



# TEST REPORT

Report No.: MTi250415019-0108E1

DH5 Ant2 2480 1000~26500

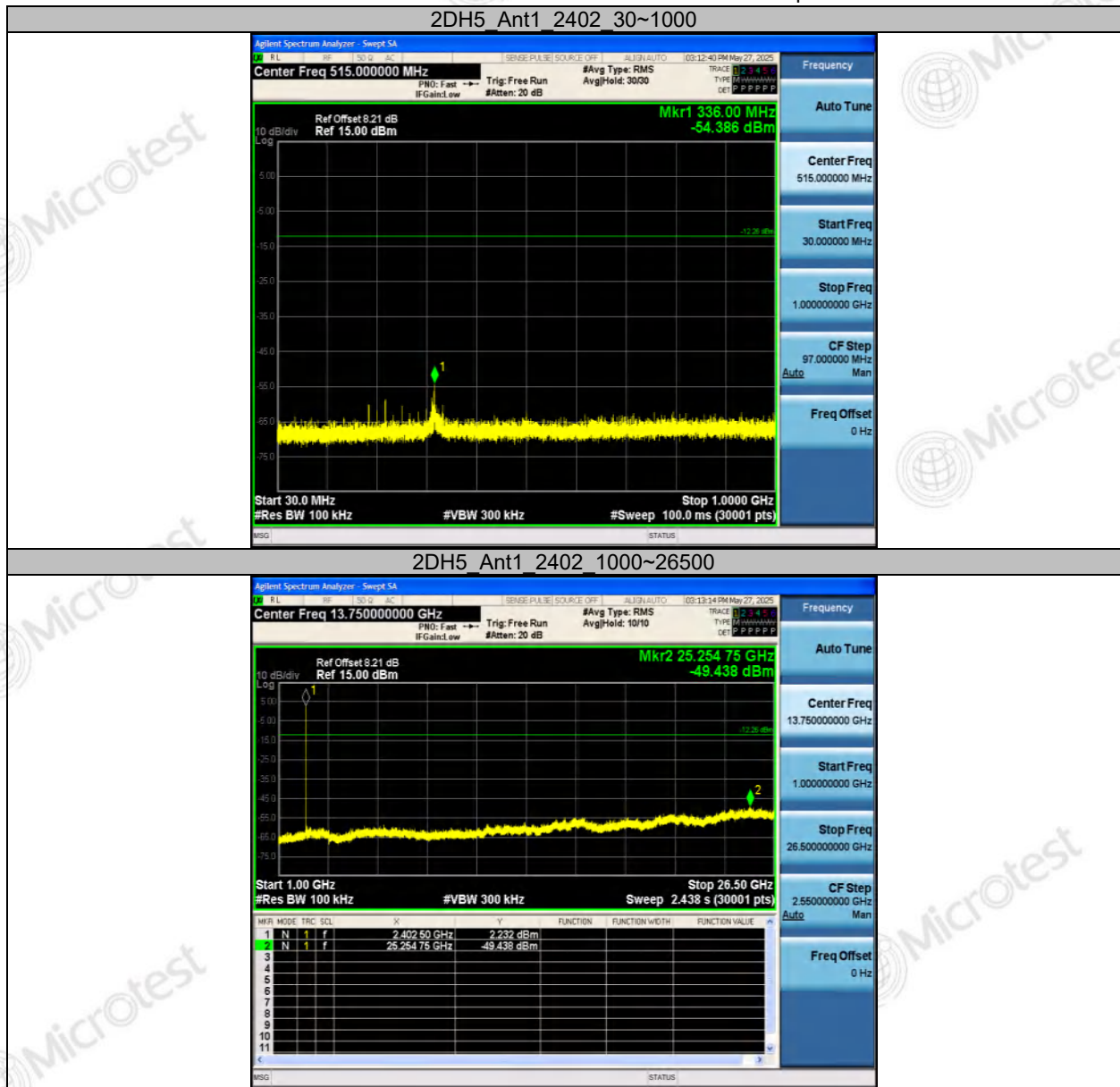


2DH5 Ant1 2402 0~Reference



# TEST REPORT

Report No.: MTi250415019-0108E1



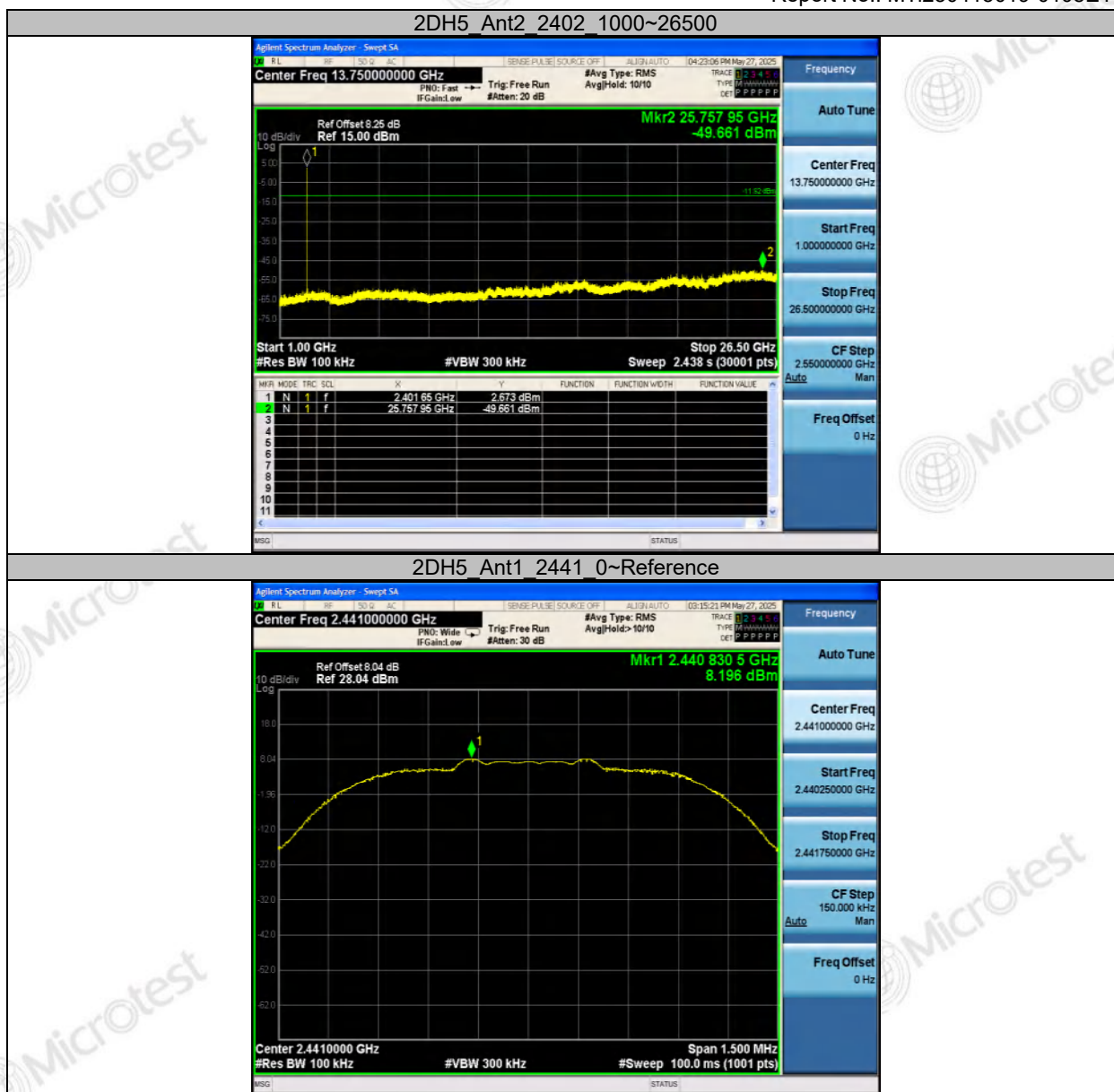
# TEST REPORT

Report No.: MTI250415019-0108E1



# TEST REPORT

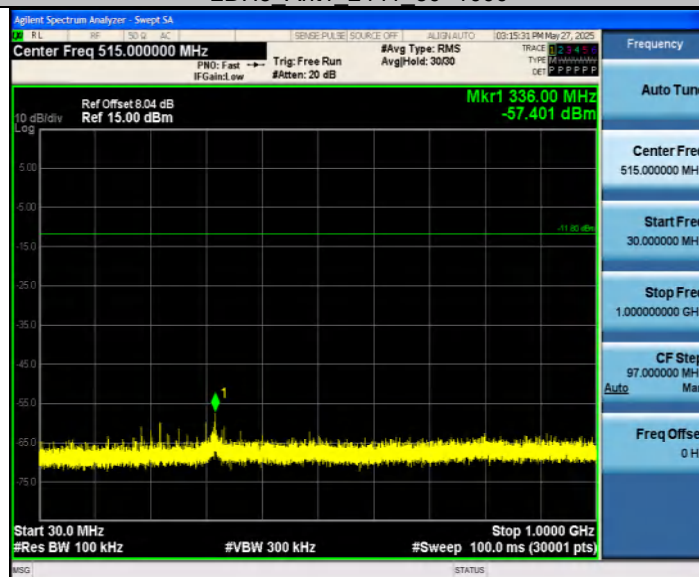
Report No.: MTi250415019-0108E1



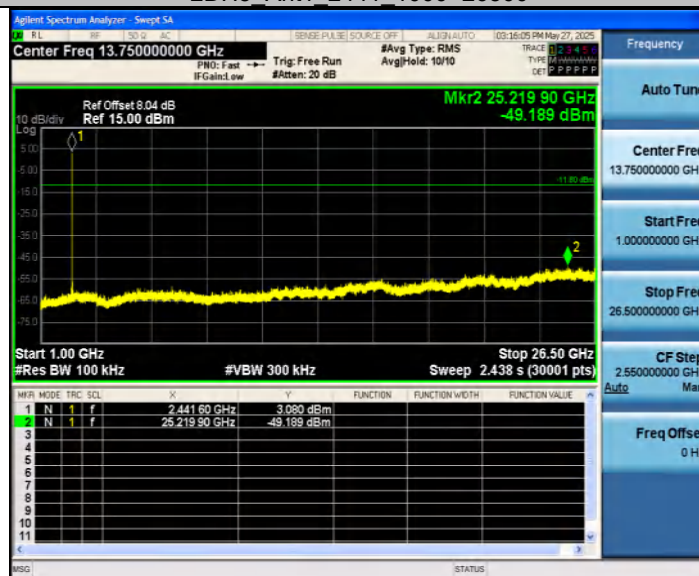
# TEST REPORT

Report No.: MTI250415019-0108E1

2DH5\_Ant1\_2441\_30~1000

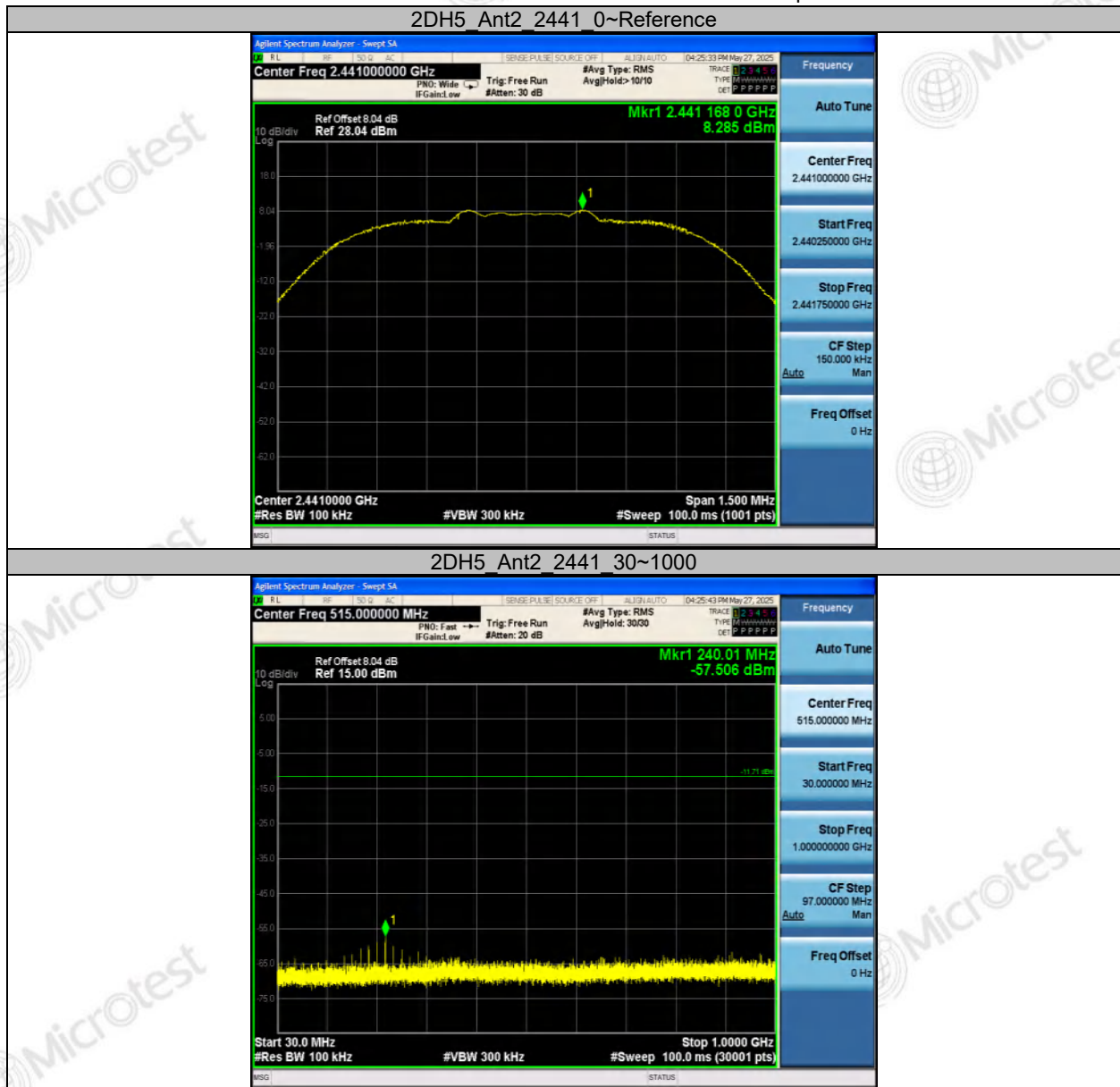


2DH5\_Ant1\_2441\_1000~26500



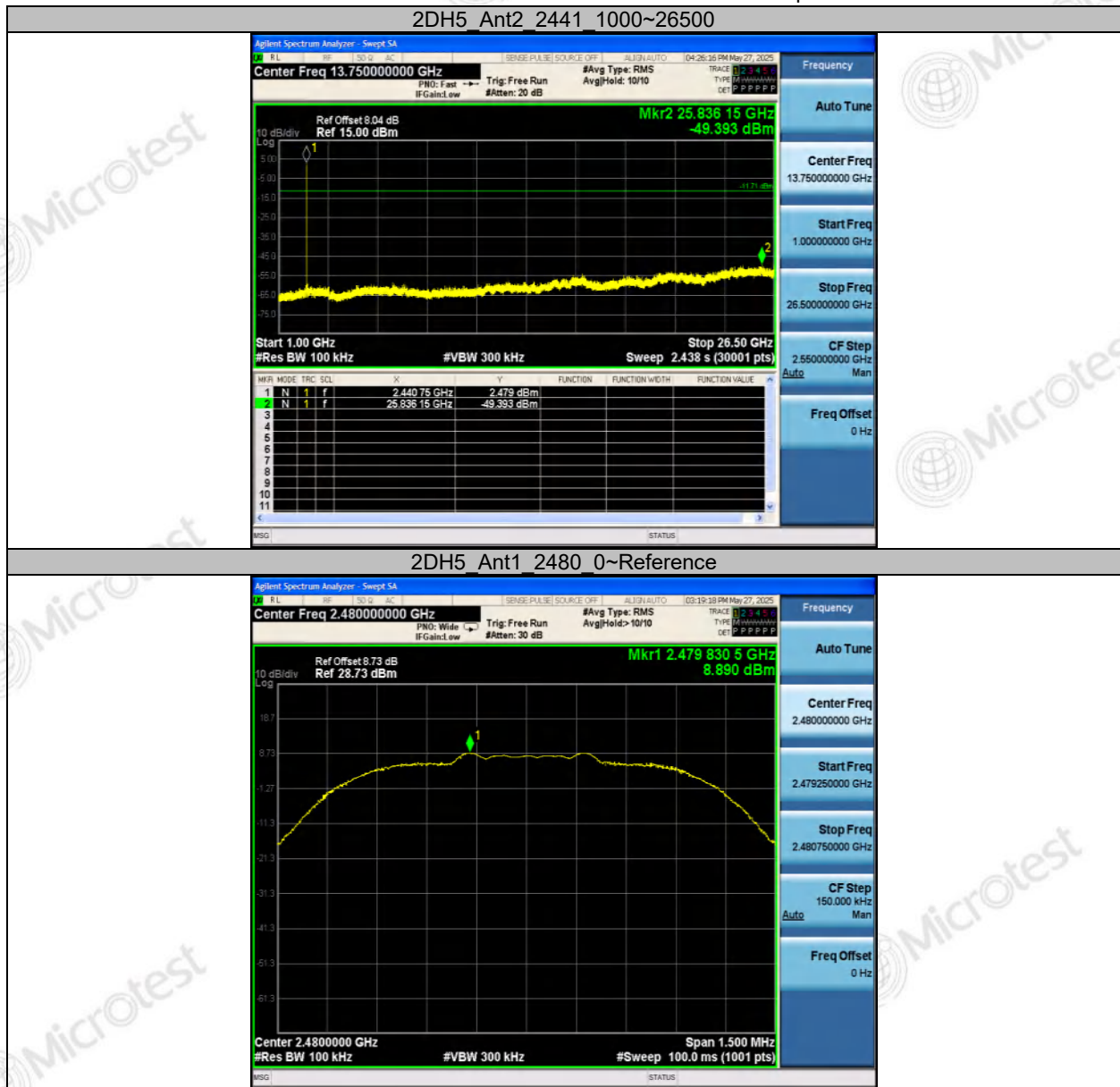
# TEST REPORT

Report No.: MTi250415019-0108E1



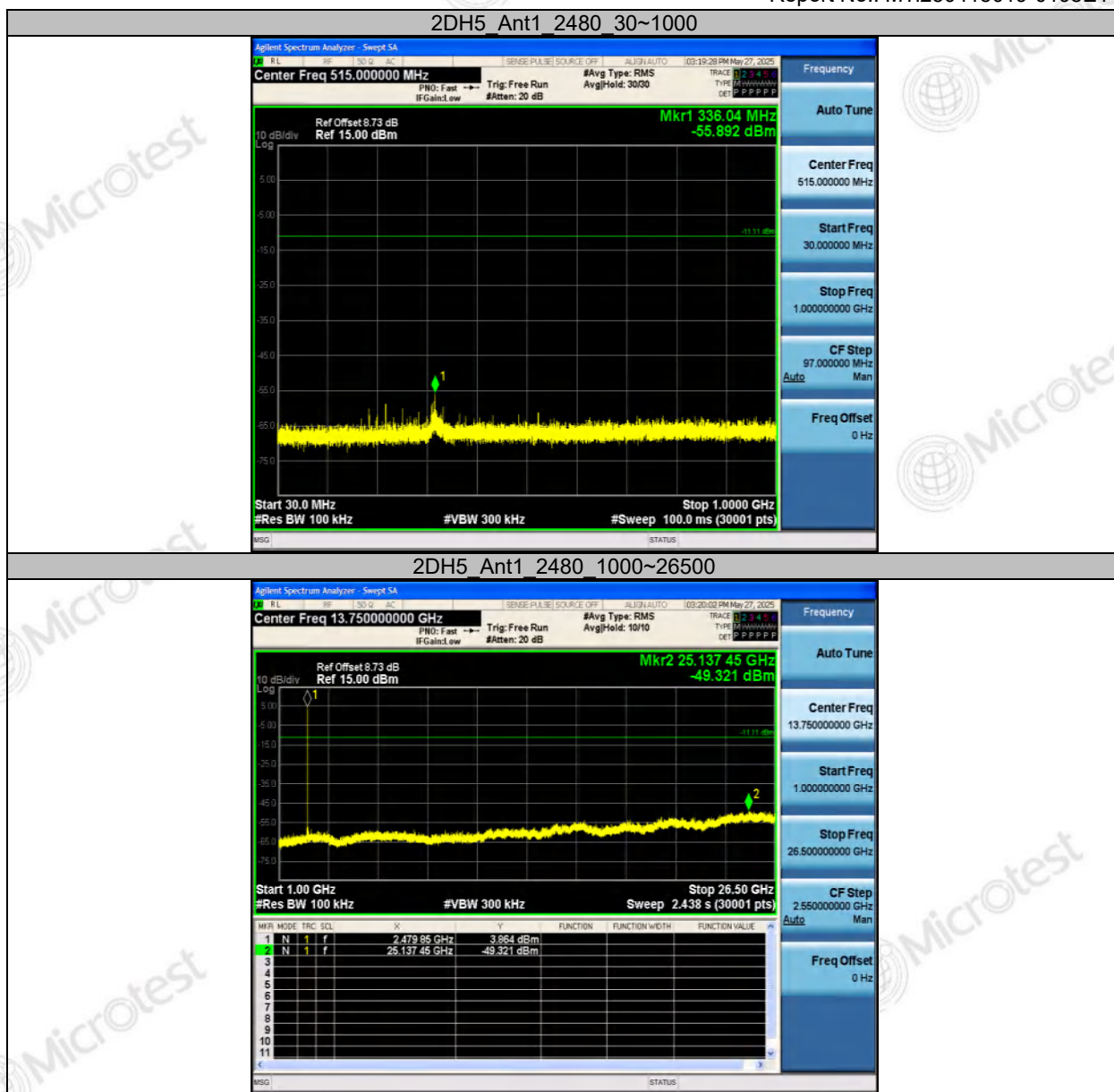
# TEST REPORT

Report No.: MTi250415019-0108E1



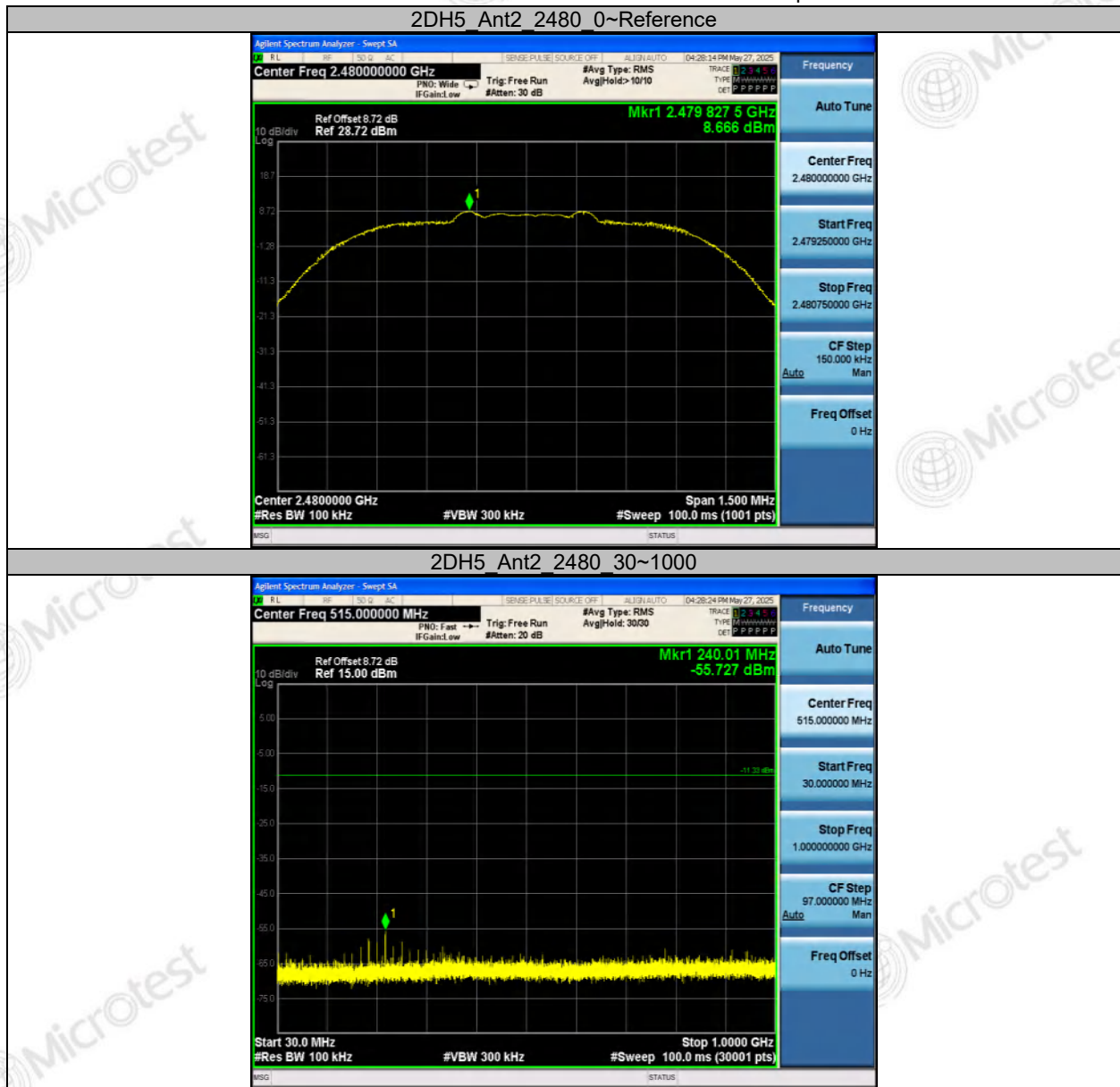
# TEST REPORT

Report No.: MTi250415019-0108E1



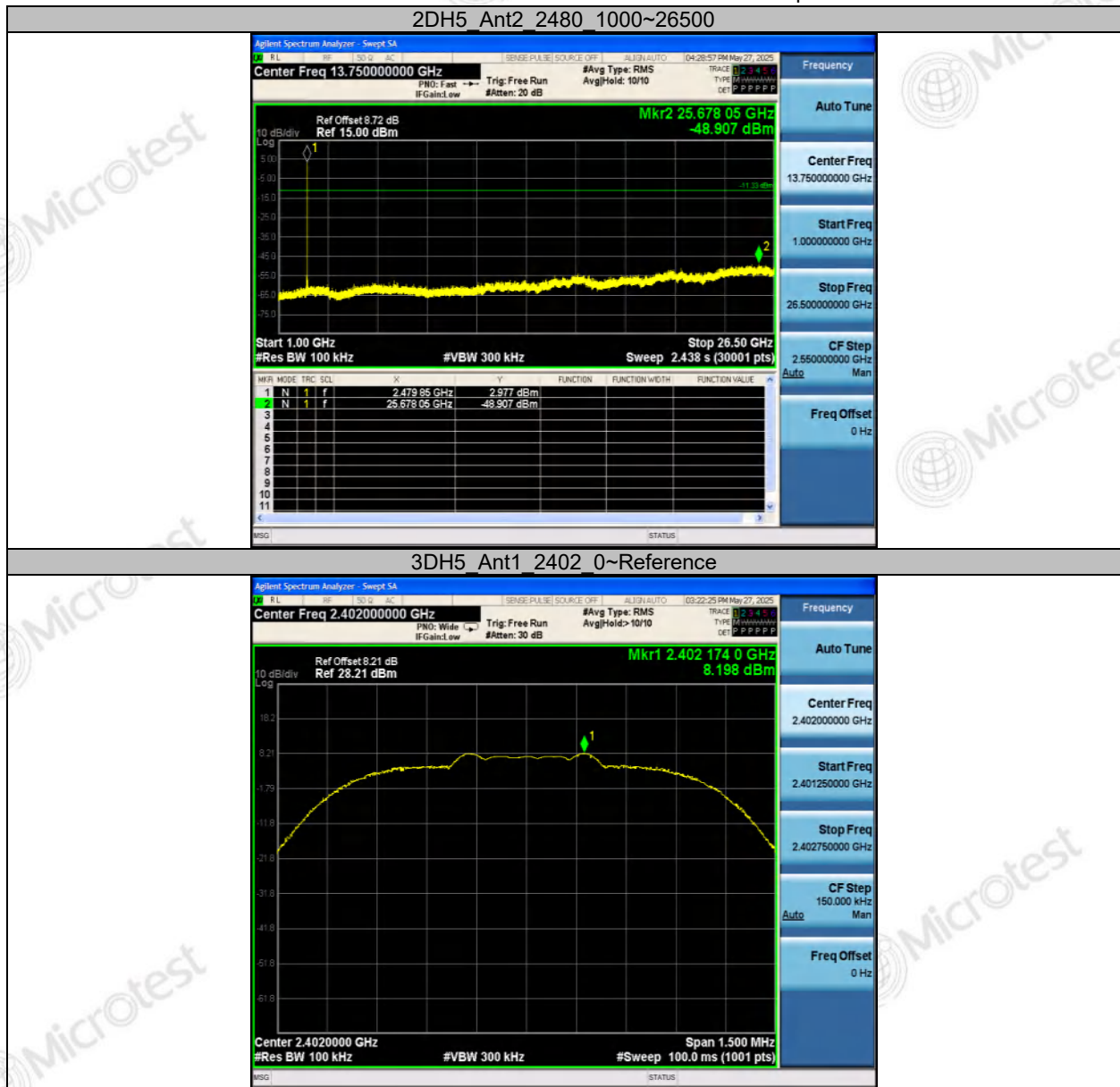
# TEST REPORT

Report No.: MTI250415019-0108E1



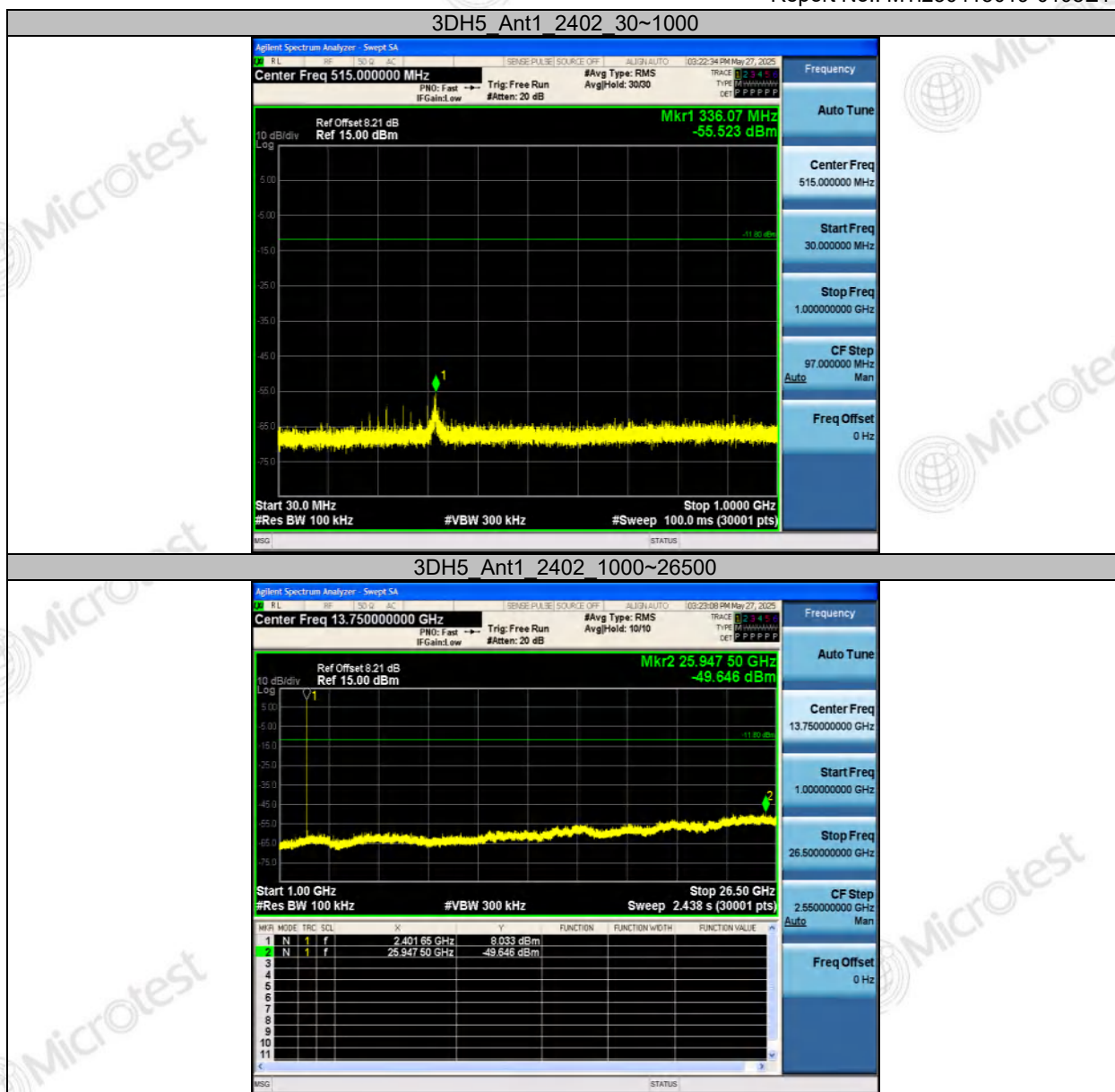
# TEST REPORT

Report No.: MTi250415019-0108E1



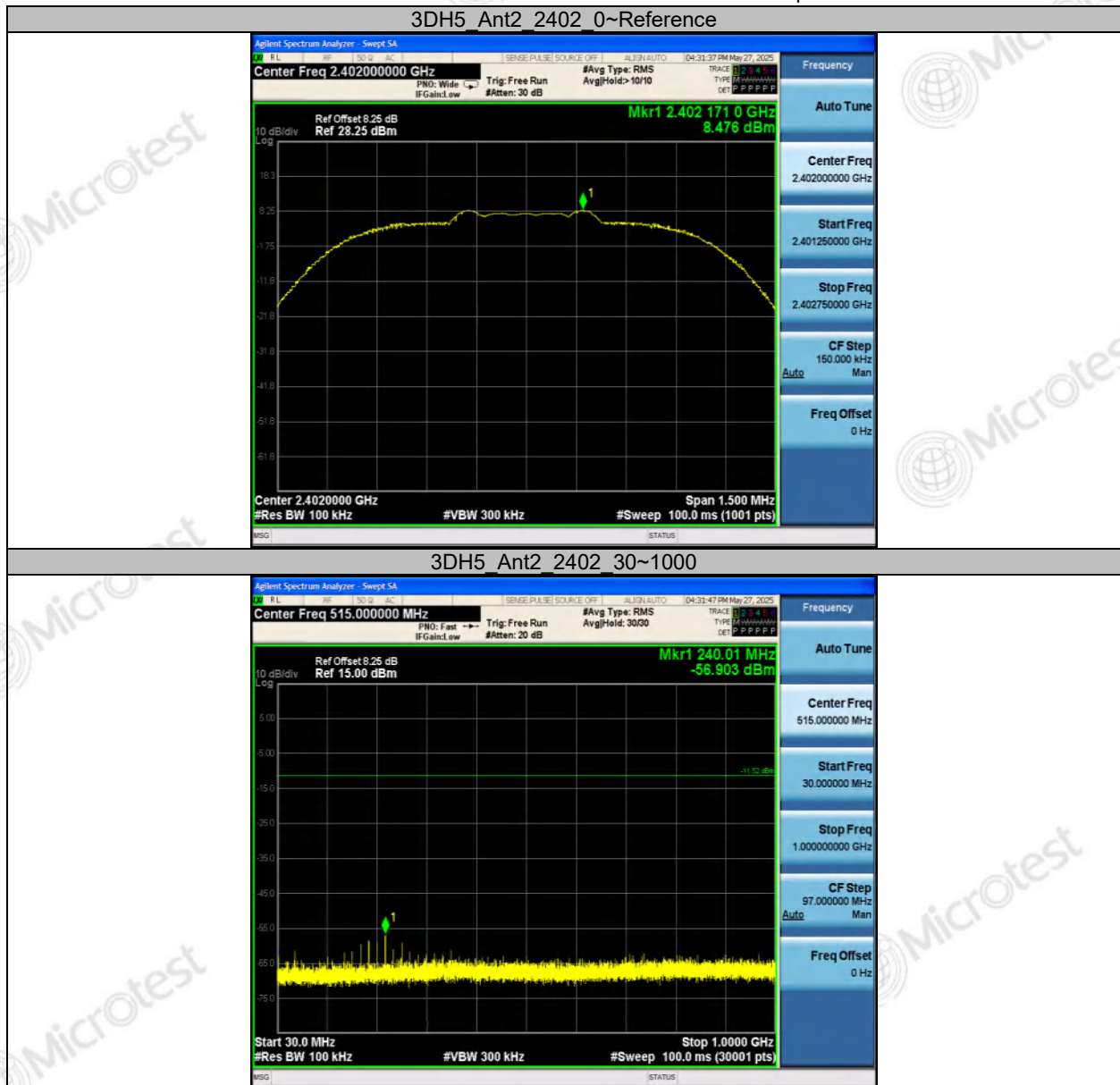
# TEST REPORT

Report No.: MTI250415019-0108E1



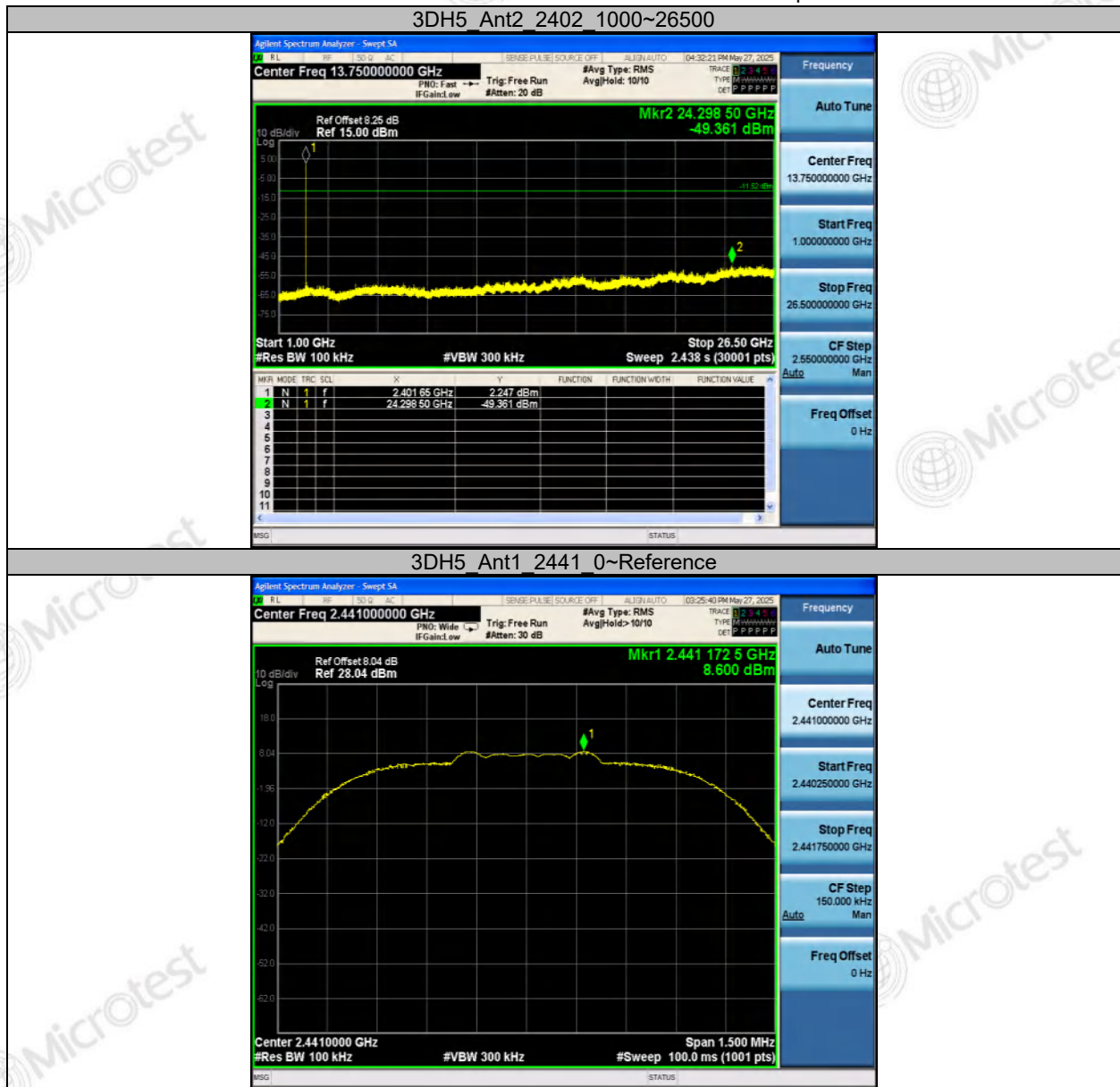
# TEST REPORT

Report No.: MTi250415019-0108E1



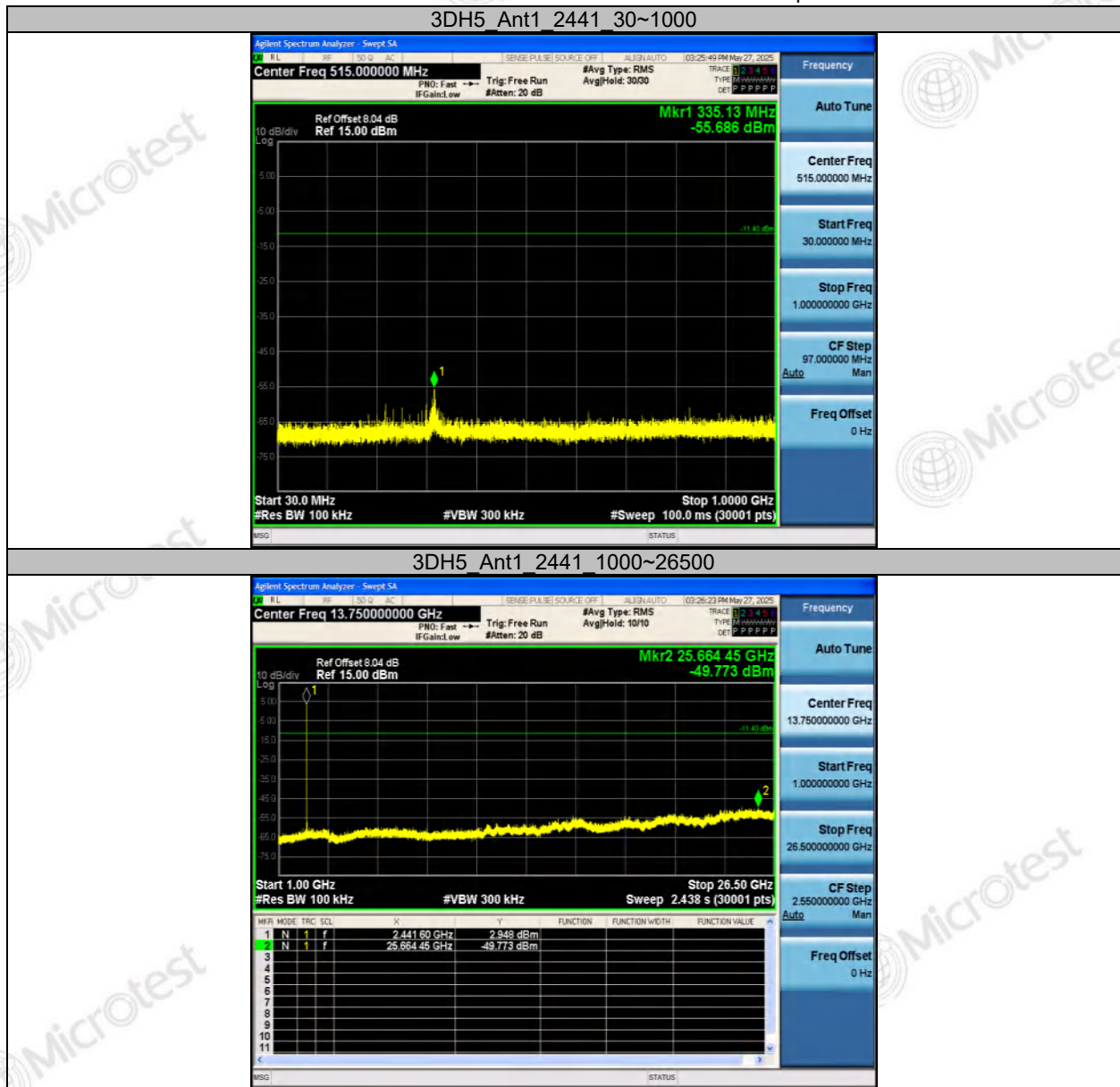
# TEST REPORT

Report No.: MTi250415019-0108E1



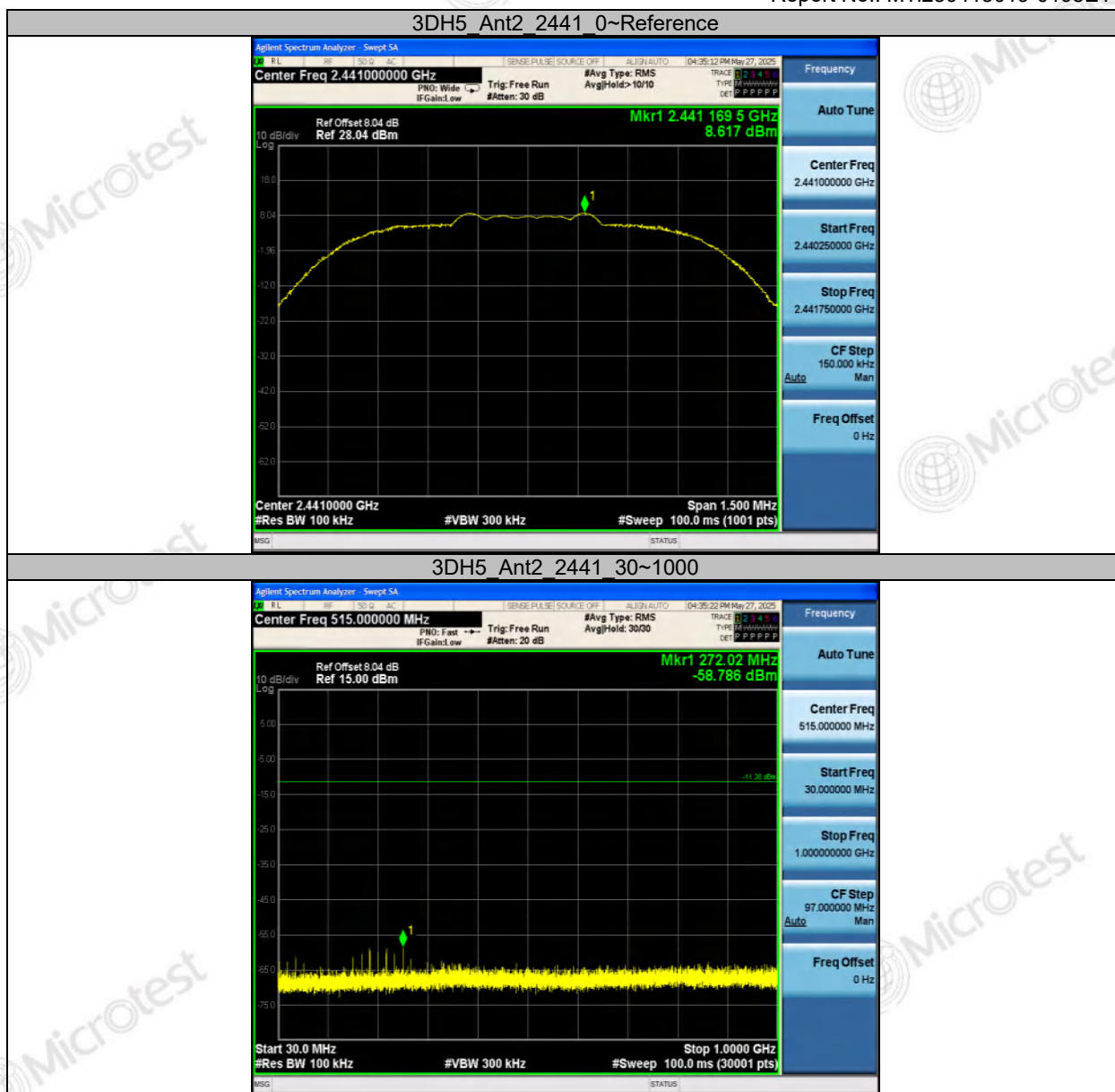
# TEST REPORT

Report No.: MTi250415019-0108E1



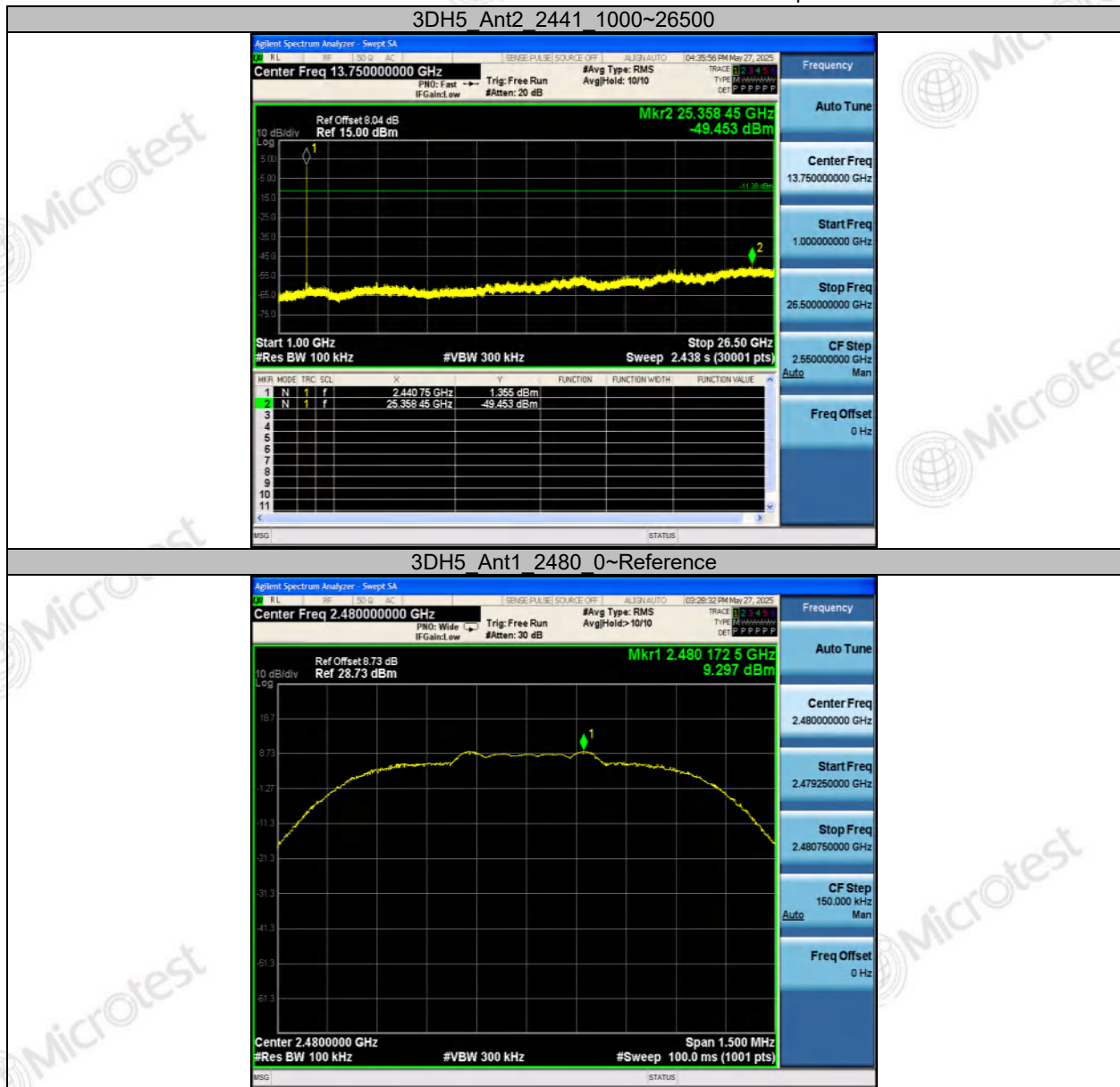
# TEST REPORT

Report No.: MTI250415019-0108E1



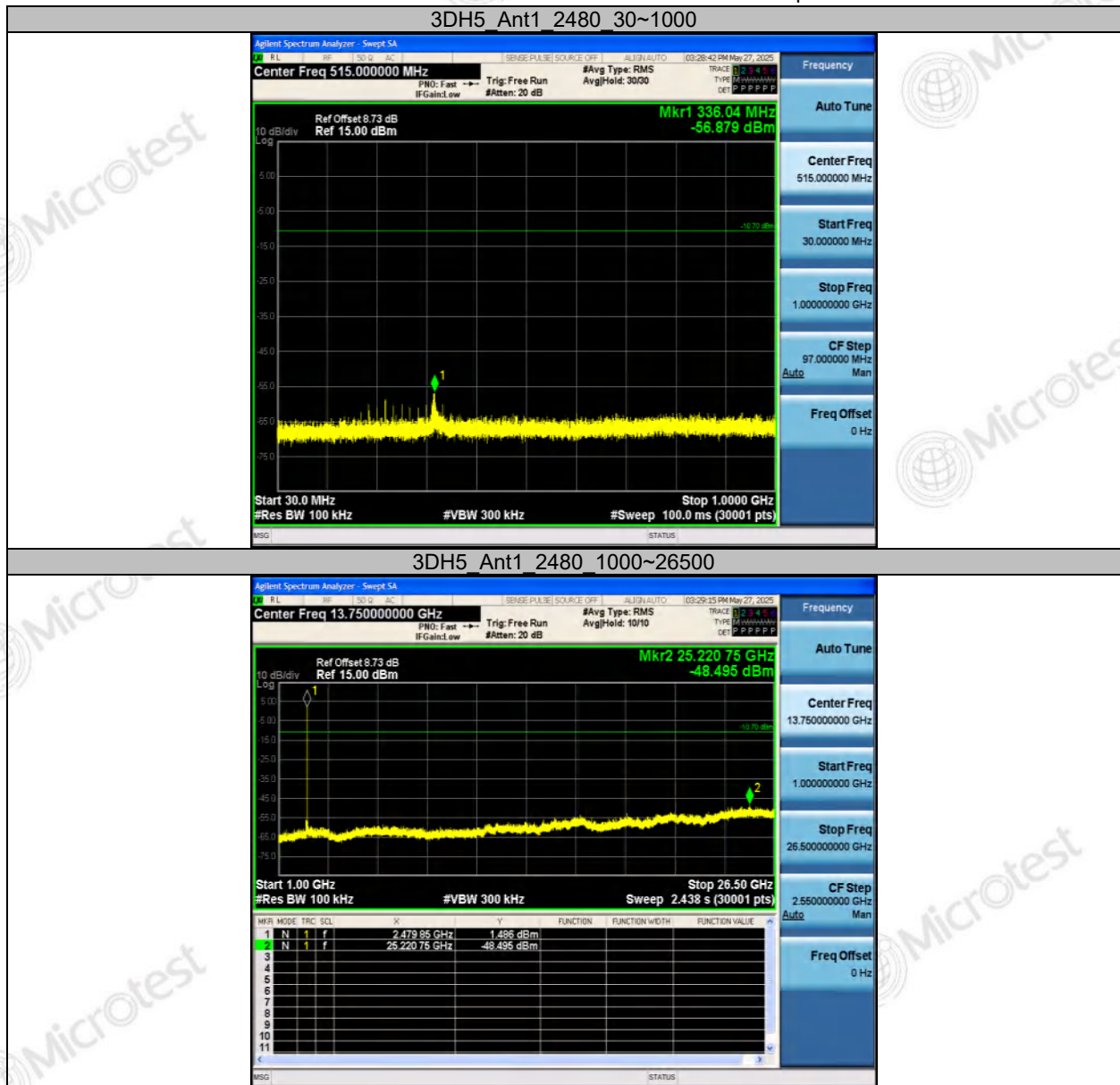
# TEST REPORT

Report No.: MTi250415019-0108E1



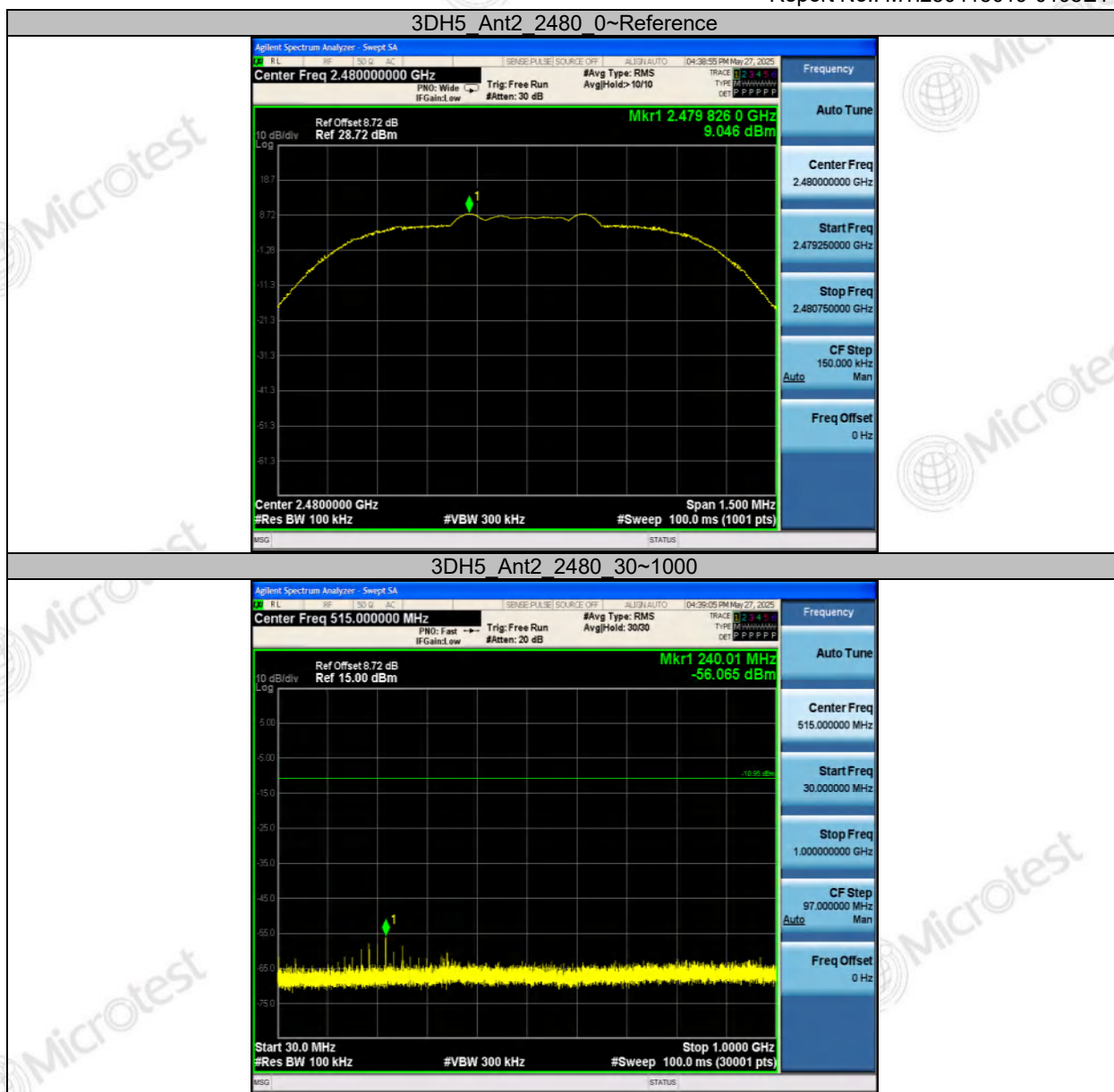
# TEST REPORT

Report No.: MTI250415019-0108E1



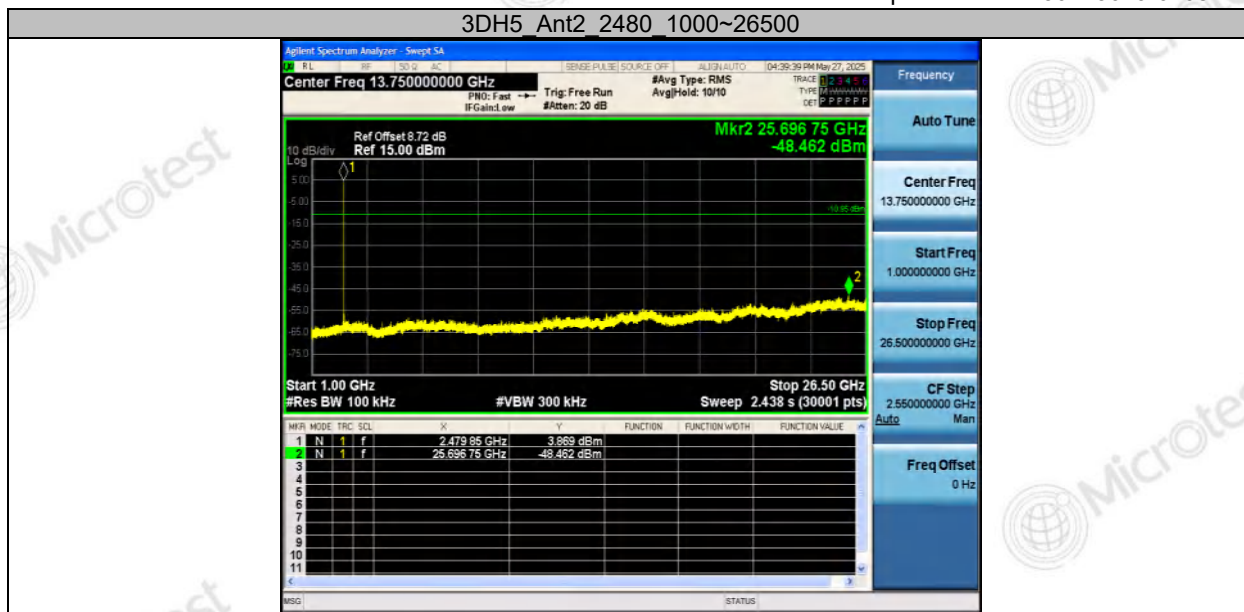
# TEST REPORT

Report No.: MTI250415019-0108E1



# TEST REPORT

Report No.: MTi250415019-0108E1



## Statement

1. This report is invalid without the seal and signature of the laboratory.
2. The test results of this report are only responsible for the samples submitted. Client shall be responsible for representativeness of the sample and authenticity of the material.
3. The report shall not be partially reproduced without the written consent of the Laboratory.
4. This report is invalid if transferred, altered or tampered with in any form without authorization.
5. The observations or tests with special mark fall outside the scope of accreditation, and are only used for purpose of commission, research, training, internal quality control etc.
6. Any objection to this report shall be submitted to the laboratory within 15 days from the date of receipt of the report.

\*\*\*\*\* END OF REPORT \*\*\*\*\*