

# APPENDIX REPORT

|                 |                 |                     |               |
|-----------------|-----------------|---------------------|---------------|
| Project No.     | SHT2606033403W  | Radio Specification | Bluetooth EDR |
| Test sample No. | YPHT26060334002 | Model No.           | CZ-B801       |
| Start test date | 2026-7-27       | Finish date         | 2026-7-27     |
| Temperature     | 23.6℃           | Humidity            | 56%           |
| Test Engineer   | Jiaxing Si      | Auditor             | Xiaodong Zhao |

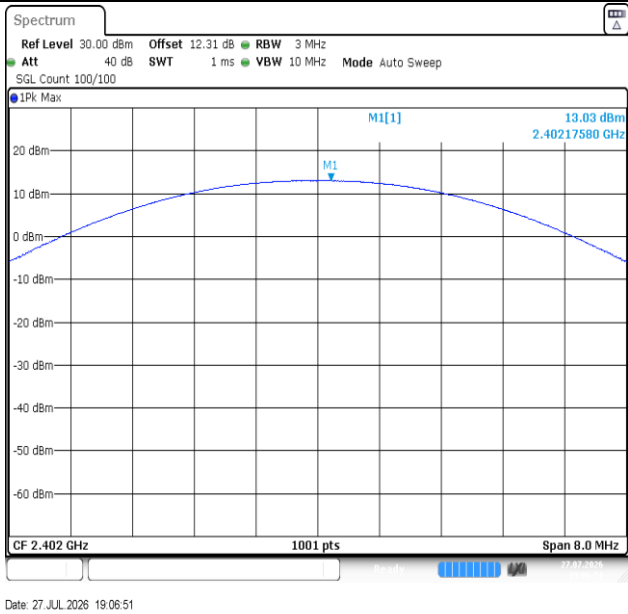
| Appendix clause | Test item                                  | Result |
|-----------------|--------------------------------------------|--------|
| A               | Peak Output Power                          | PASS   |
| B               | 20dB Bandwidth                             | PASS   |
| C               | 99% Occupied Bandwidth                     | PASS   |
| D               | Carrier Frequency Separation               | PASS   |
| E               | Hopping Channel Number                     | PASS   |
| F               | Dwell Time                                 | PASS   |
| G               | Duty Cycle Correction Factor (DCCF)        | PASS   |
| H               | Band edge and Spurious Emission(Conducted) | PASS   |

## Appendix A: Peak Output Power

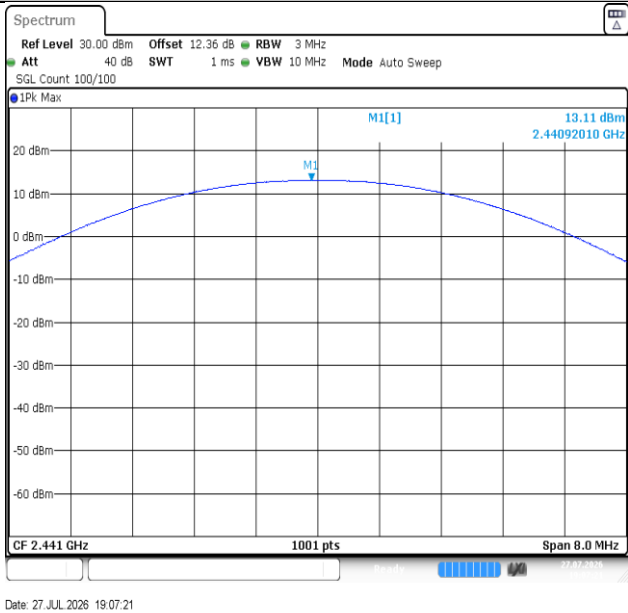
### Test Result Peak

| Test Mode | Frequency[MHz] | Peak Output Power[dBm] | Average Output Power[dBm] | Limit[dBm] | Verdict |
|-----------|----------------|------------------------|---------------------------|------------|---------|
| DH5       | 2402           | 13.03                  | 12.92                     | ≤30        | PASS    |
| DH5       | 2441           | 13.11                  | 13.01                     | ≤30        | PASS    |
| DH5       | 2480           | 13.35                  | 13.21                     | ≤30        | PASS    |
| 2DH5      | 2402           | 12.17                  | 12.02                     | ≤30        | PASS    |
| 2DH5      | 2441           | 12.35                  | 12.23                     | ≤30        | PASS    |
| 2DH5      | 2480           | 12.81                  | 12.69                     | ≤30        | PASS    |
| 3DH5      | 2402           | 12.20                  | 12.00                     | ≤20.97     | PASS    |
| 3DH5      | 2441           | 12.38                  | 12.23                     | ≤20.97     | PASS    |
| 3DH5      | 2480           | 12.91                  | 12.76                     | ≤20.97     | PASS    |

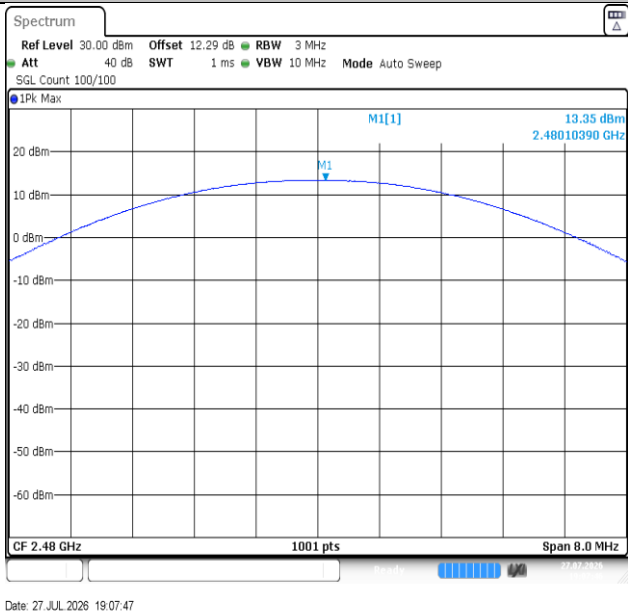
Test Graphs



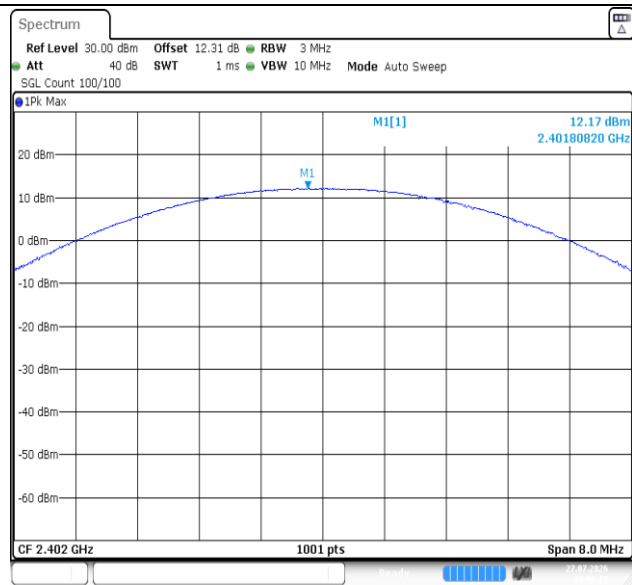
DH5-2402-PASS



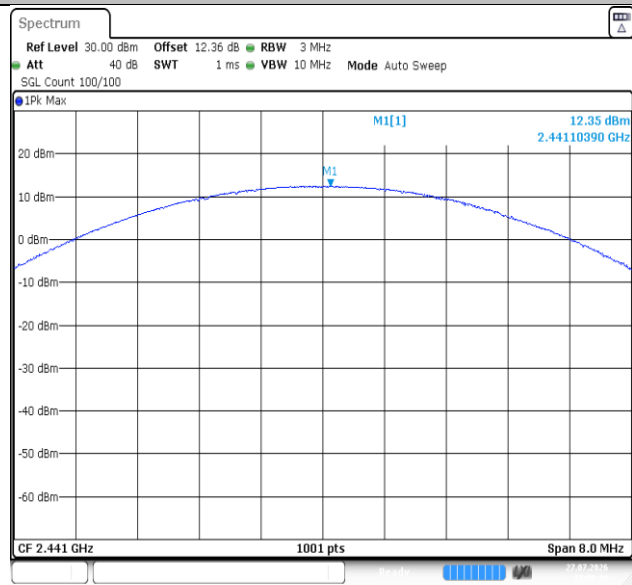
DH5-2441-PASS



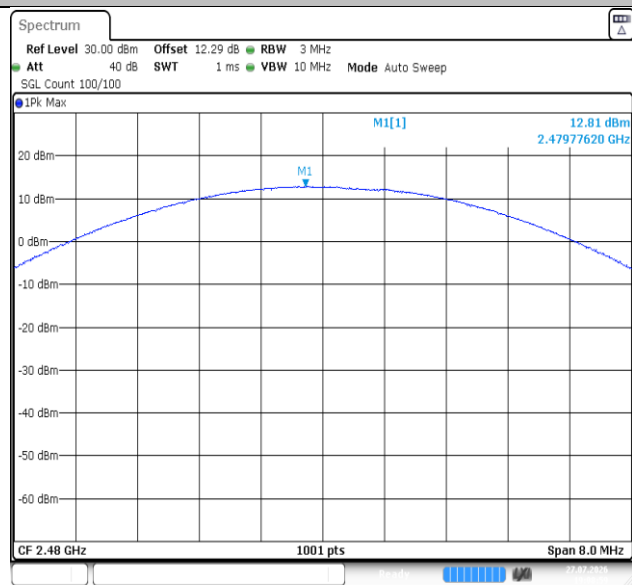
DH5-2480-PASS



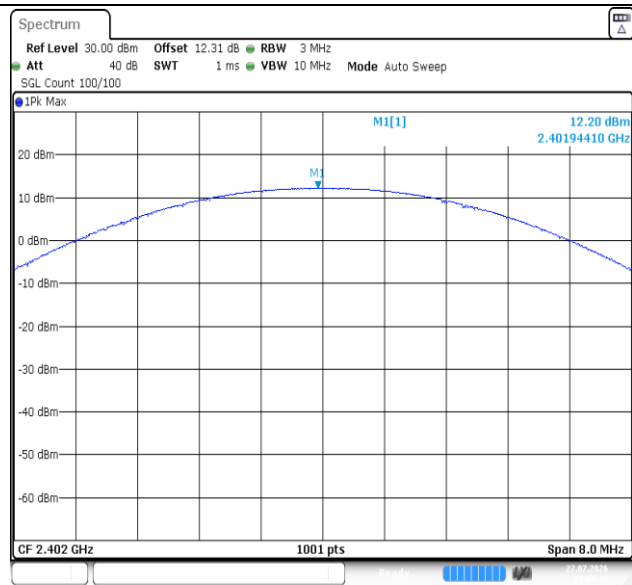
## 2DH5-2402-PASS



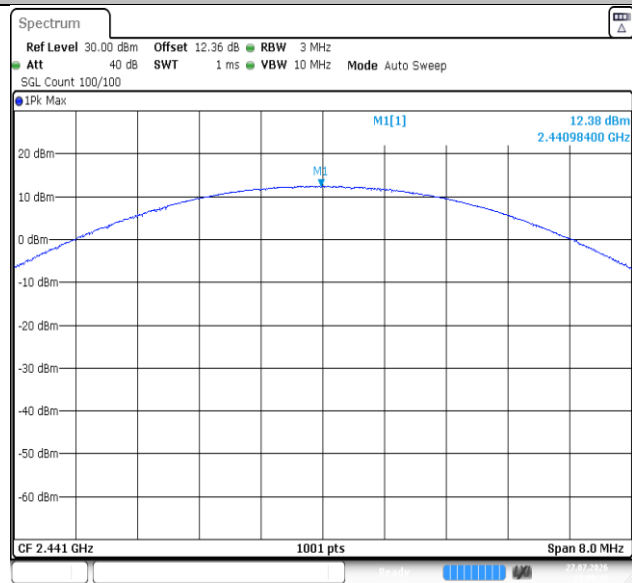
## 2DH5-2441-PASS



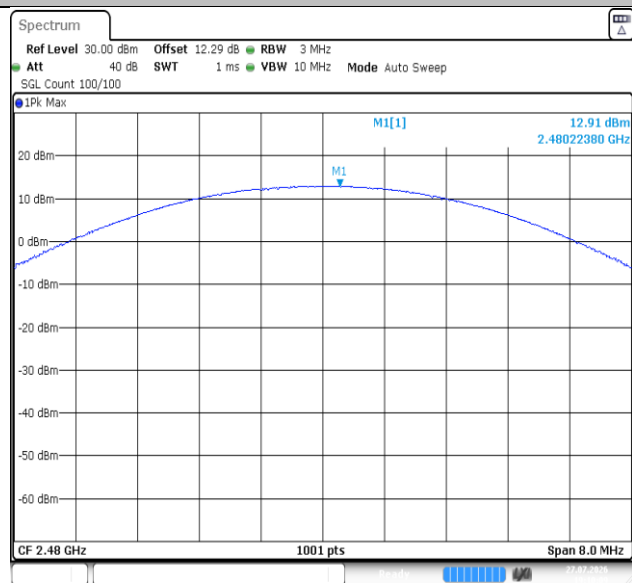
## 2DH5-2480-PASS



### 3DH5-2402-PASS



### 3DH5-2441-PASS



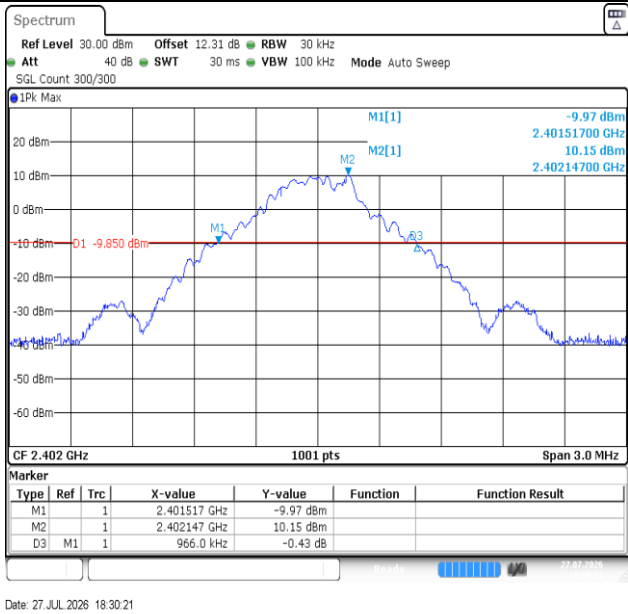
### 3DH5-2480-PASS

Appendix B: 20dB Bandwidth

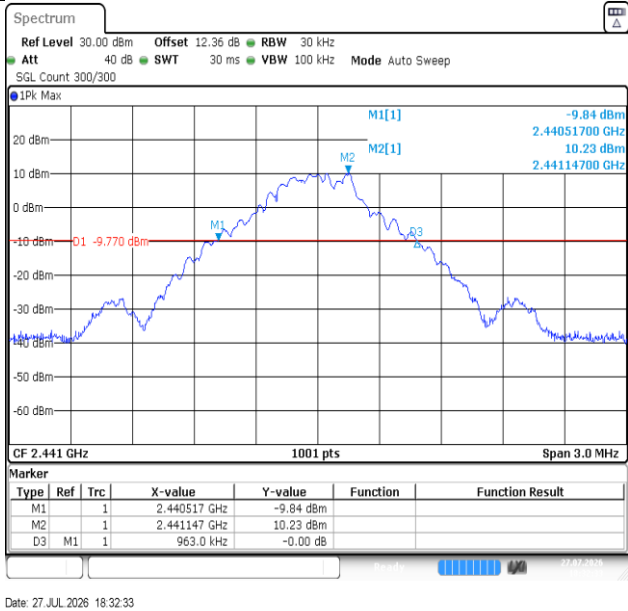
Test Result

| TestMode | Frequency[MHz] | 20db Bandwidth [MHz] | Limit[MHz] | Verdict |
|----------|----------------|----------------------|------------|---------|
| DH5      | 2402           | 0.97                 | ---        | ---     |
| DH5      | 2441           | 0.96                 | ---        | ---     |
| DH5      | 2480           | 0.98                 | ---        | ---     |
| 2DH5     | 2402           | 1.24                 | ---        | ---     |
| 2DH5     | 2441           | 1.25                 | ---        | ---     |
| 2DH5     | 2480           | 1.25                 | ---        | ---     |
| 3DH5     | 2402           | 1.27                 | ---        | ---     |
| 3DH5     | 2441           | 1.28                 | ---        | ---     |
| 3DH5     | 2480           | 1.28                 | ---        | ---     |

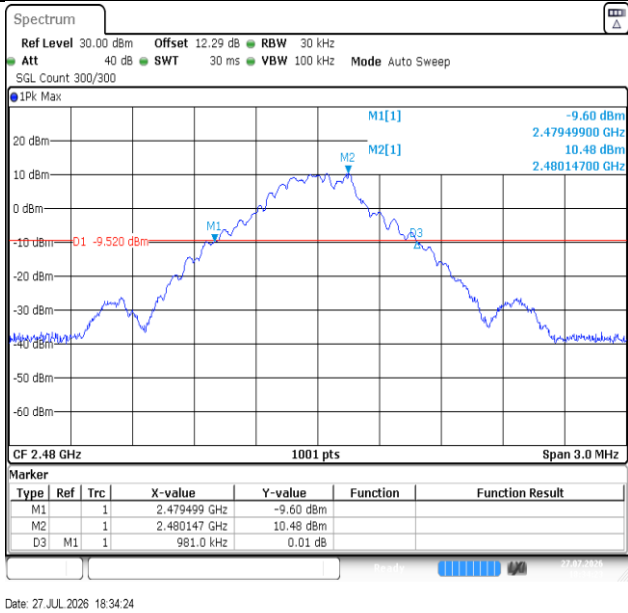
Test Graphs



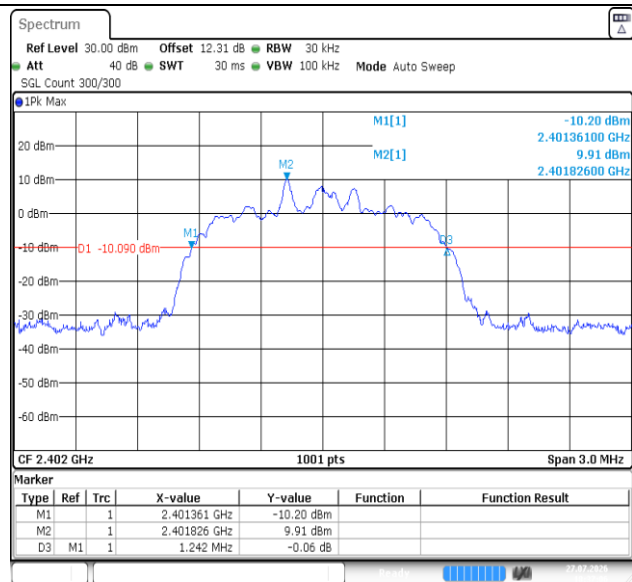
DH5-2402



DH5-2441

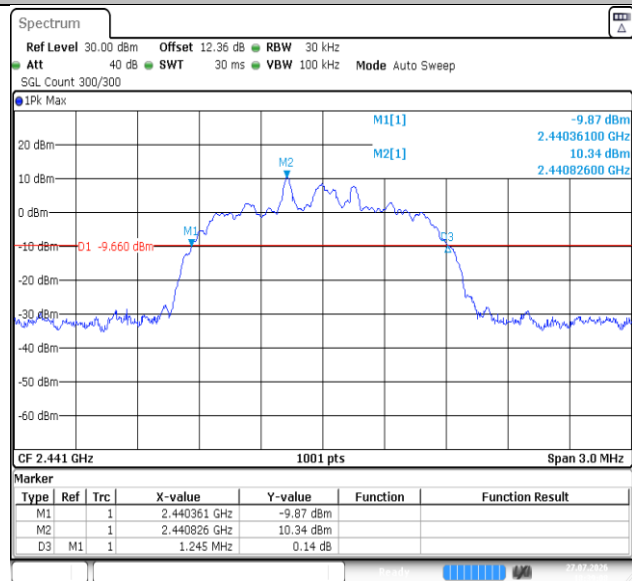


DH5-2480



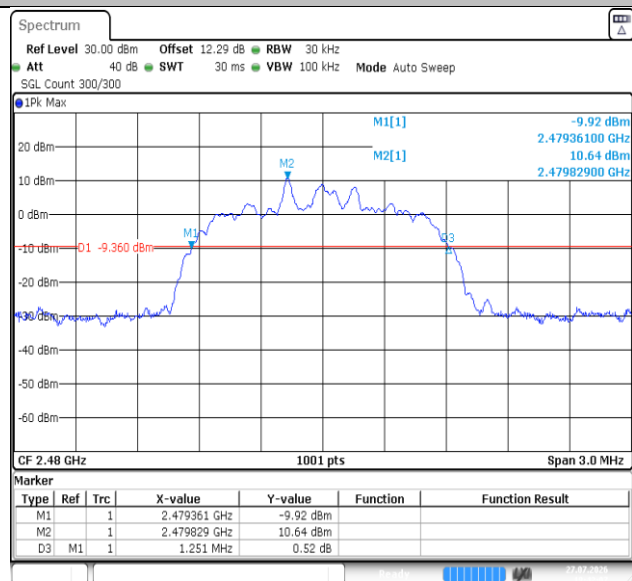
Date: 27 JUL 2026 18:37:06

## 2DH5-2402



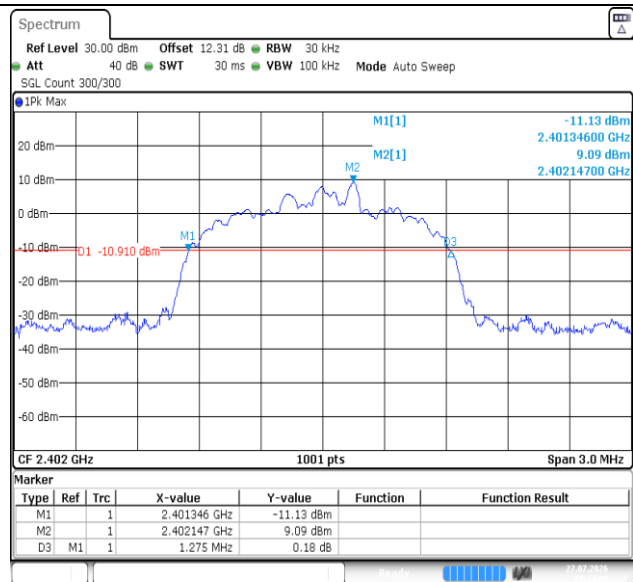
Date: 27 JUL 2026 18:39:09

## 2DH5-2441



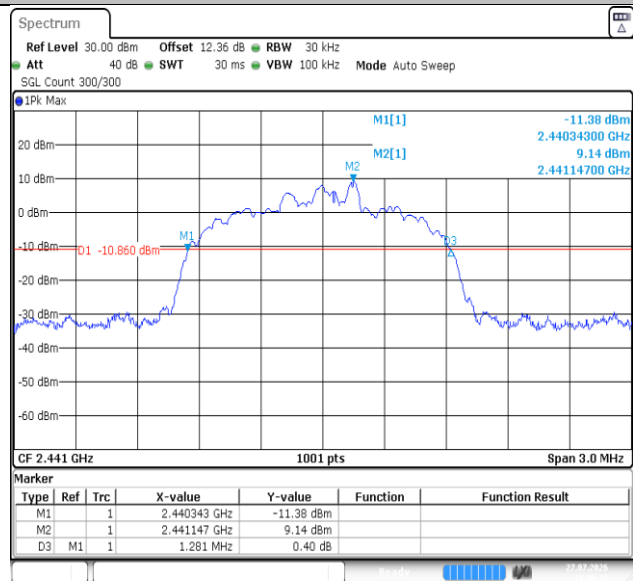
Date: 27 JUL 2026 18:42:08

## 2DH5-2480



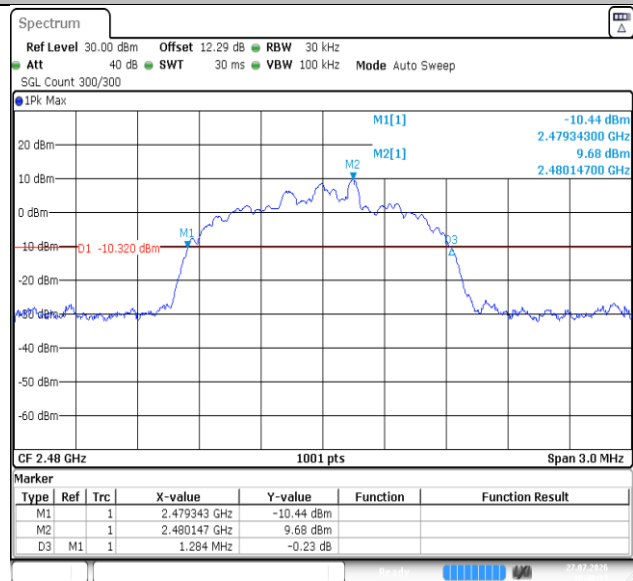
Date: 27 JUL 2026 18:44:08

### 3DH5-2402



Date: 27 JUL 2026 18:46:19

### 3DH5-2441



Date: 27 JUL 2026 18:48:19

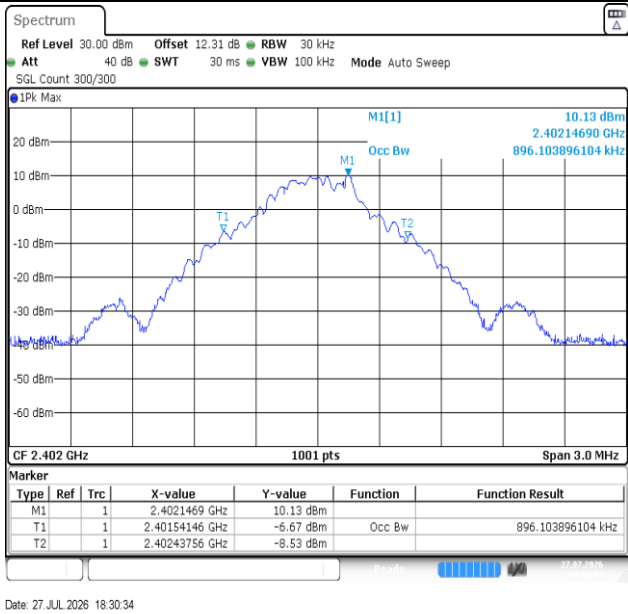
### 3DH5-2480

## Appendix C: 99% Occupied Bandwidth

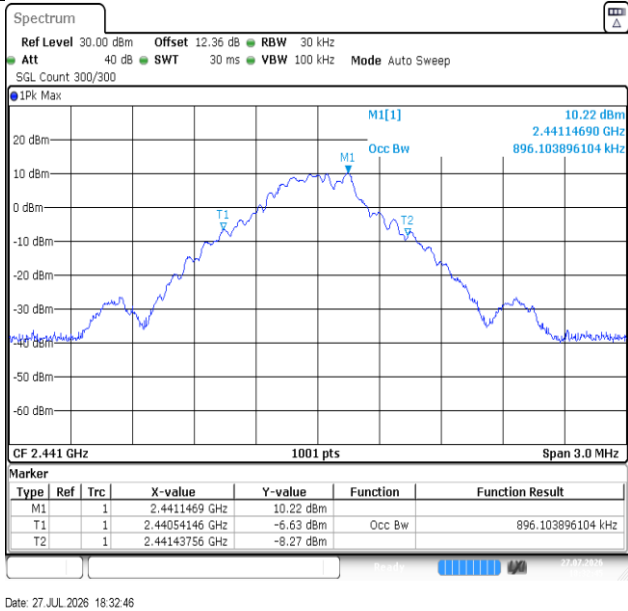
### Test Result

| TestMode | Frequency[MHz] | 99% Occupied Bandwidth [MHz] | Limit[MHz] | Verdict |
|----------|----------------|------------------------------|------------|---------|
| DH5      | 2402           | 0.89610                      | ---        | ---     |
| DH5      | 2441           | 0.89610                      | ---        | ---     |
| DH5      | 2480           | 0.90210                      | ---        | ---     |
| 2DH5     | 2402           | 1.1598                       | ---        | ---     |
| 2DH5     | 2441           | 1.1598                       | ---        | ---     |
| 2DH5     | 2480           | 1.1658                       | ---        | ---     |
| 3DH5     | 2402           | 1.1598                       | ---        | ---     |
| 3DH5     | 2441           | 1.1658                       | ---        | ---     |
| 3DH5     | 2480           | 1.1688                       | ---        | ---     |

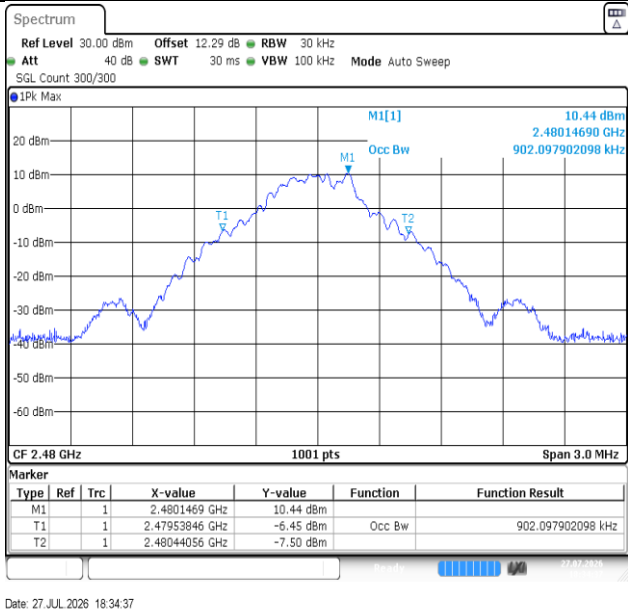
Test Graphs



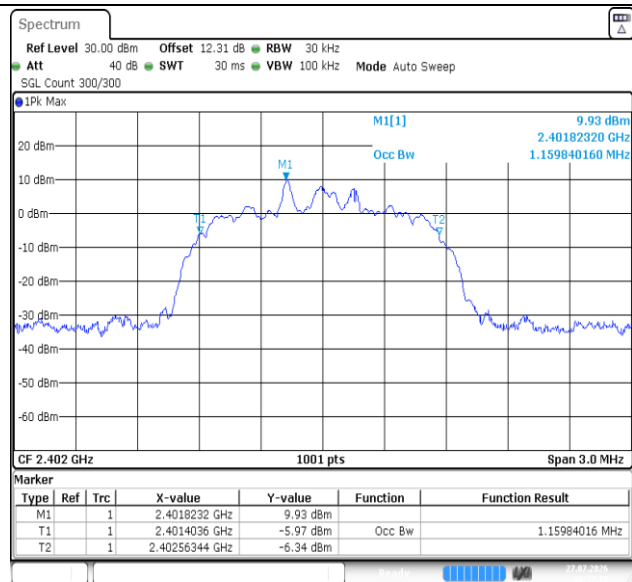
DH5-2402



DH5-2441

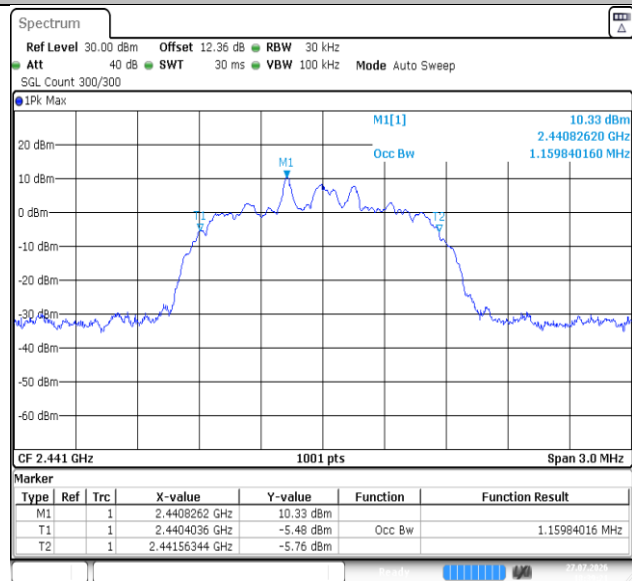


DH5-2480



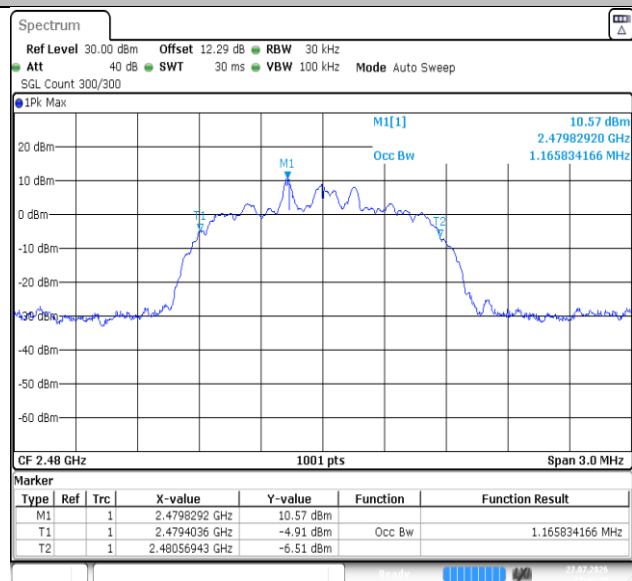
Date: 27 JUL 2026 18:37:18

## 2DH5-2402



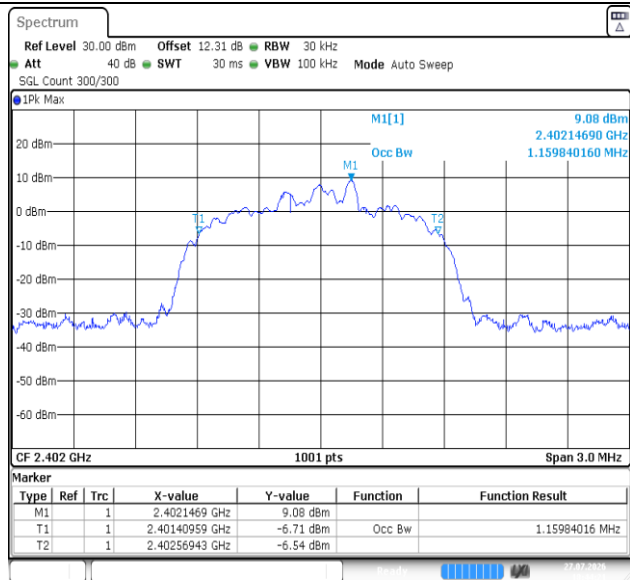
Date: 27 JUL 2026 18:39:22

## 2DH5-2441



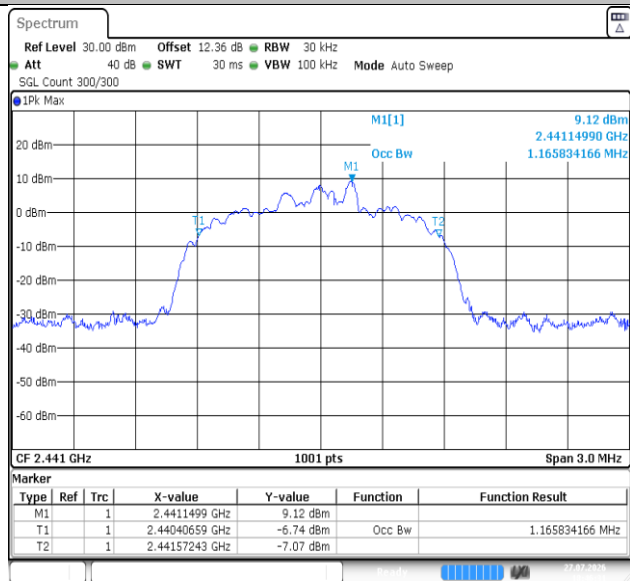
Date: 27 JUL 2026 18:42:20

## 2DH5-2480



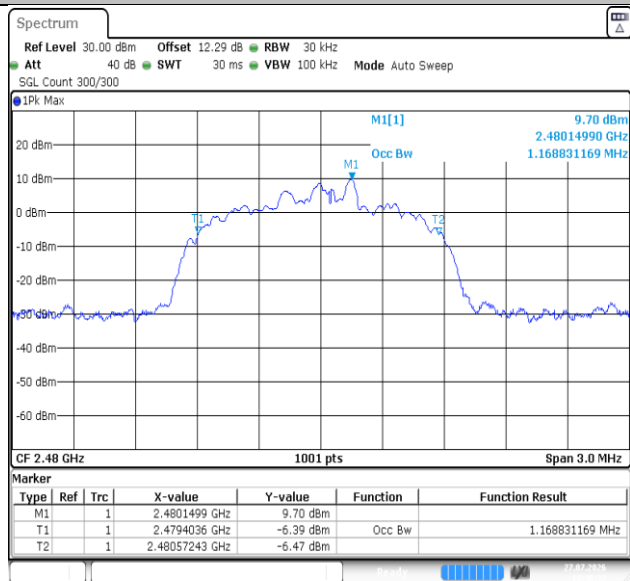
Date: 27 JUL 2026 18:44:21

### 3DH5-2402



Date: 27 JUL 2026 18:46:32

### 3DH5-2441



Date: 27 JUL 2026 18:48:32

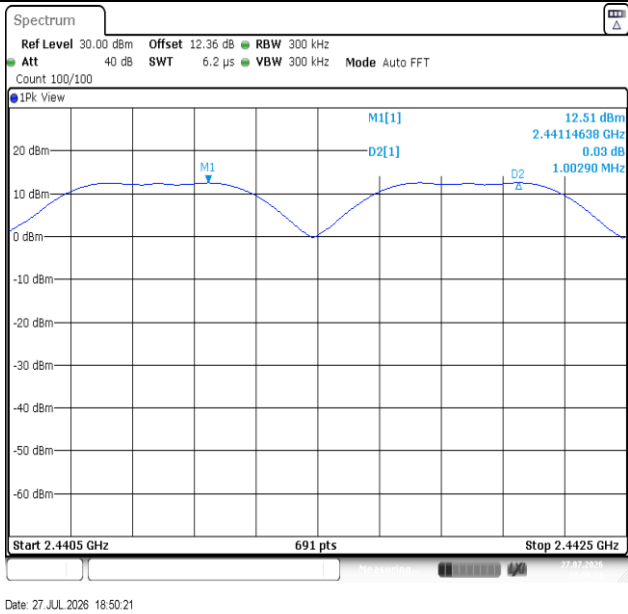
### 3DH5-2480

# Appendix D: Carrier Frequency Separation

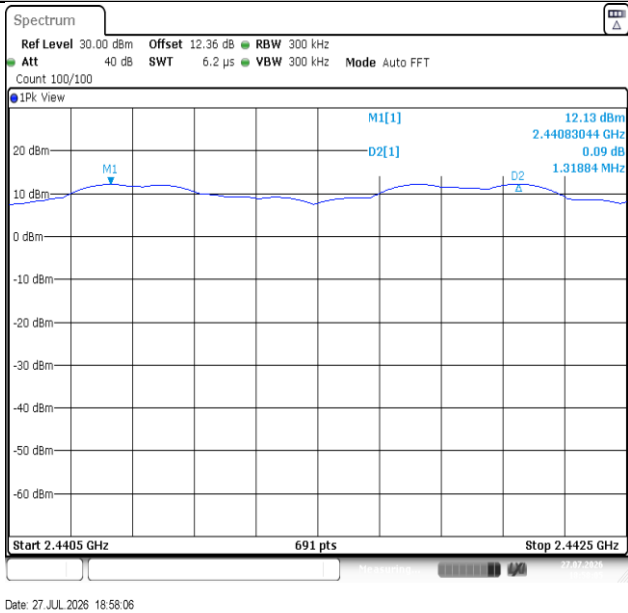
## Test Result

| TestMode | Frequency[MHz] | Result[MHz] | Limit[MHz] | Verdict |
|----------|----------------|-------------|------------|---------|
| DH5      | Hop            | 1.003       | ≥0.980     | PASS    |
| 2DH5     | Hop            | 1.319       | ≥1.250     | PASS    |
| 3DH5     | Hop            | 1.006       | ≥0.853     | PASS    |

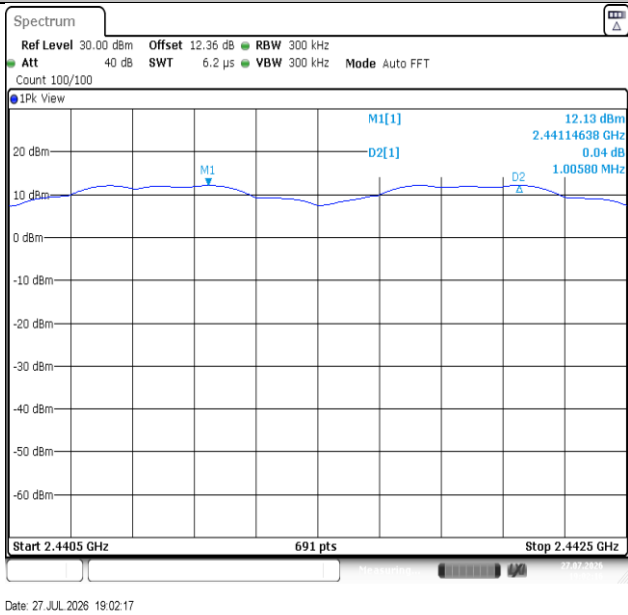
Test Graphs



DH5-Hop-PASS



2DH5-Hop-PASS



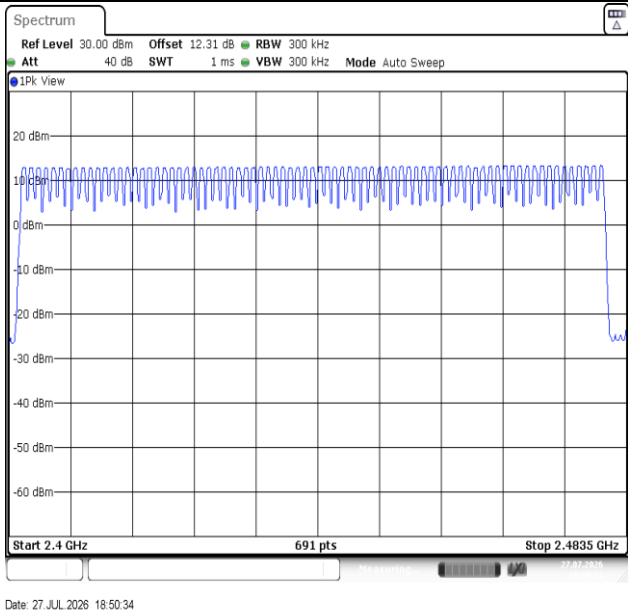
3DH5-Hop-PASS

# Appendix E: Hopping Channel Number

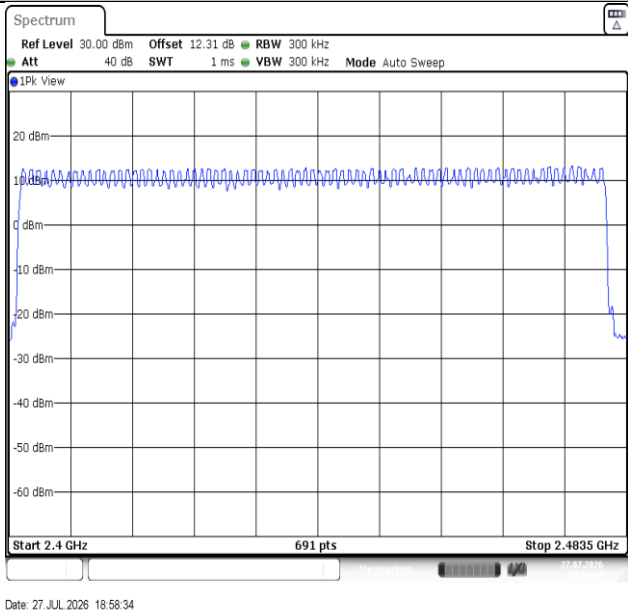
## Test Result

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

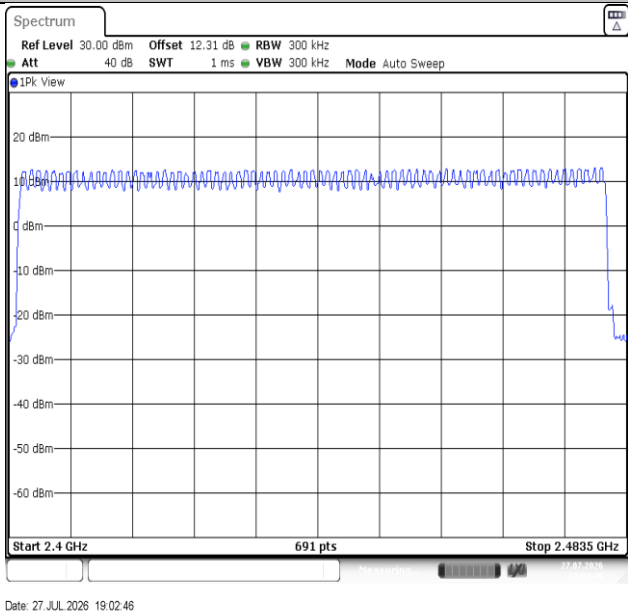
Test Graphs



DH5-Hop-PASS



2DH5-Hop-PASS



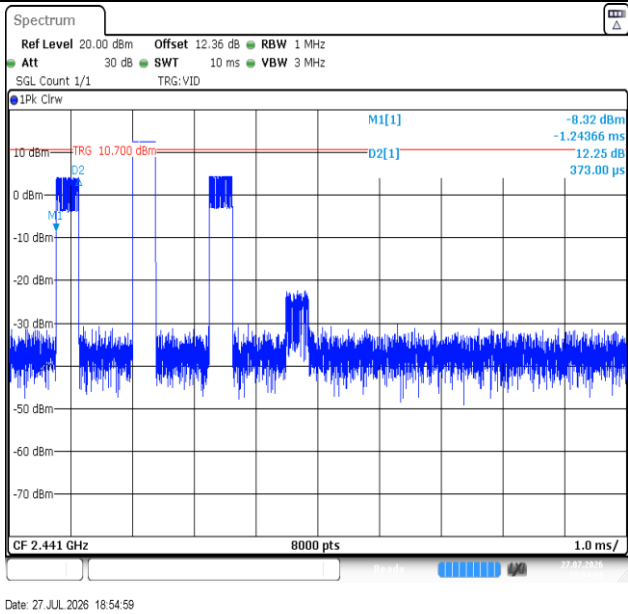
3DH5-Hop-PASS

## Appendix F: Dwell Time

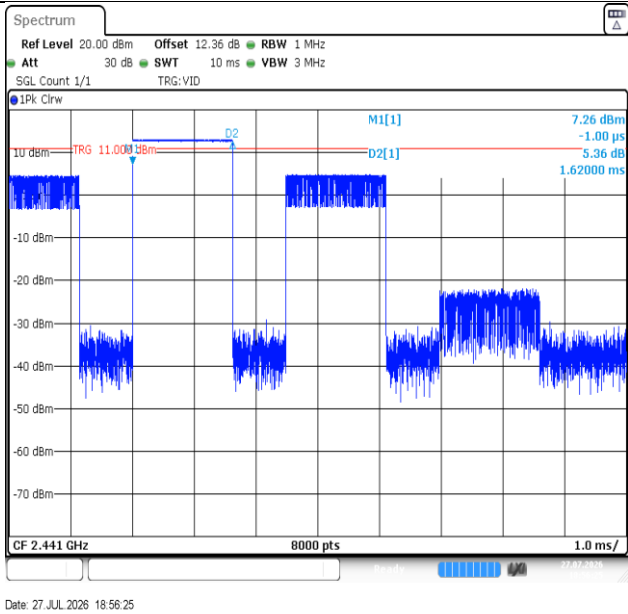
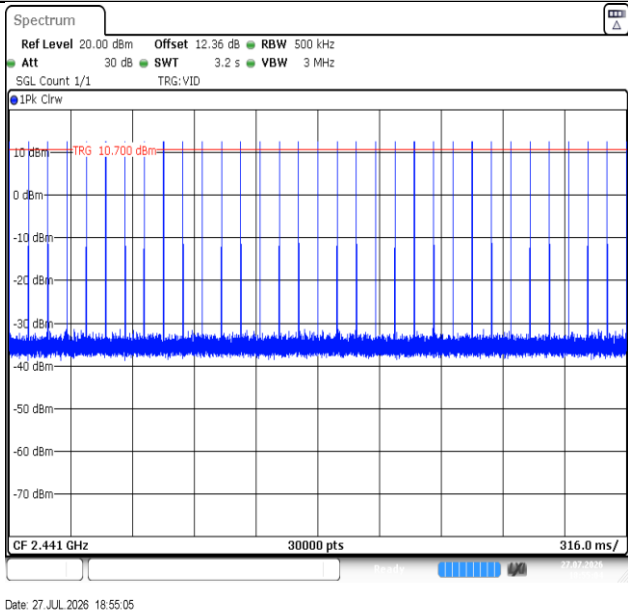
### Test Result

| TestMode | Frequency[MHz] | BurstWidth<br>[ms] | TotalHops<br>[Num] | Result[s] | Limit[s] | Verdict |
|----------|----------------|--------------------|--------------------|-----------|----------|---------|
| DH1      | Hop            | 0.373              | 320                | 0.119     | ≤0.4     | PASS    |
| DH3      | Hop            | 1.620              | 160                | 0.259     | ≤0.4     | PASS    |
| DH5      | Hop            | 2.862              | 110                | 0.315     | ≤0.4     | PASS    |
| 2DH1     | Hop            | 0.376              | 320                | 0.12      | ≤0.4     | PASS    |
| 2DH3     | Hop            | 1.620              | 160                | 0.259     | ≤0.4     | PASS    |
| 2DH5     | Hop            | 2.863              | 110                | 0.315     | ≤0.4     | PASS    |
| 3DH1     | Hop            | 0.376              | 320                | 0.12      | ≤0.4     | PASS    |
| 3DH3     | Hop            | 1.620              | 160                | 0.259     | ≤0.4     | PASS    |
| 3DH5     | Hop            | 2.864              | 110                | 0.315     | ≤0.4     | PASS    |

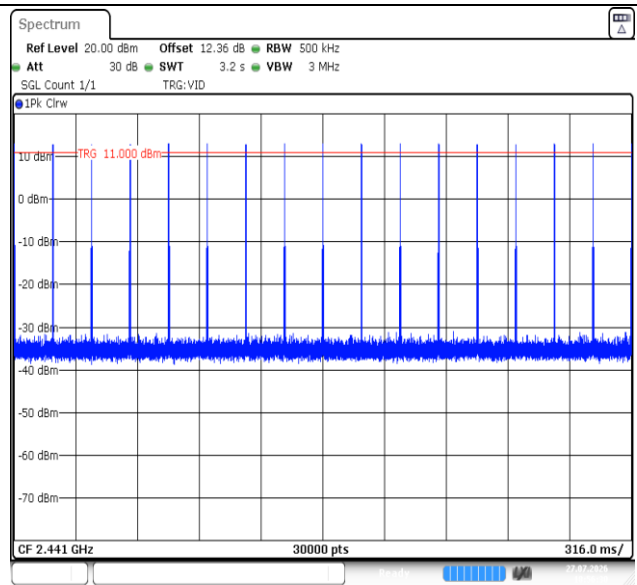
Test Graphs



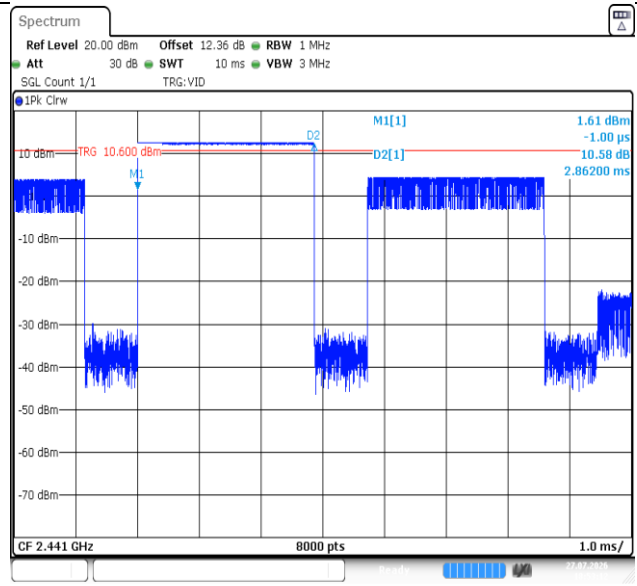
DH1-Hop-PASS



DH3-Hop-PASS

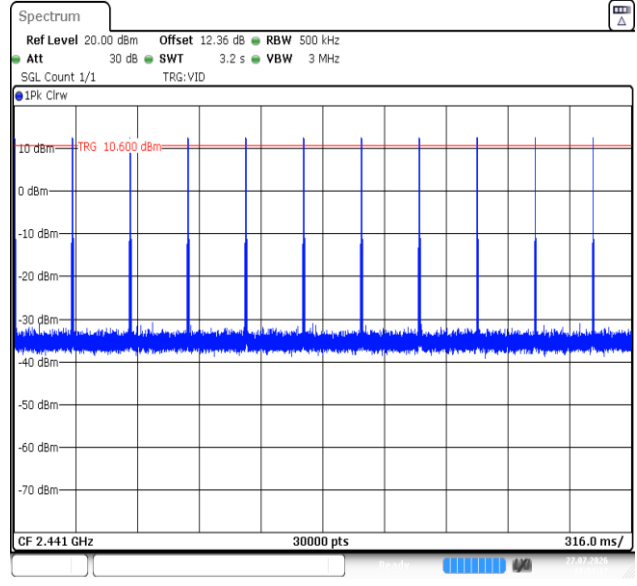


Date: 27 JUL 2026 18:56:30

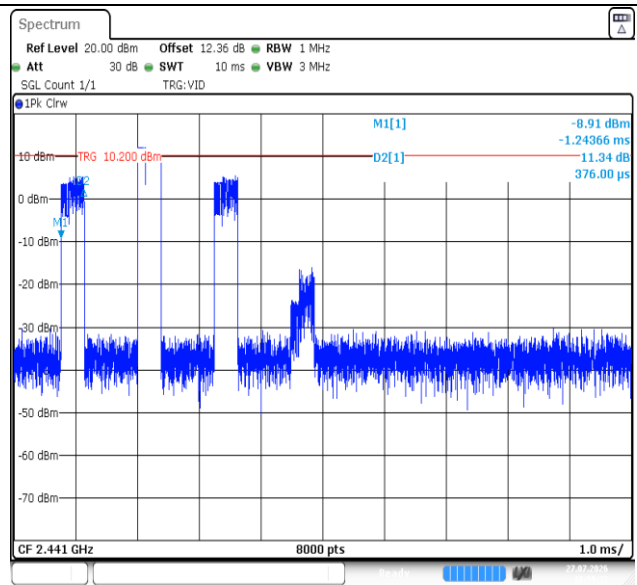


Date: 27 JUL 2026 18:53:12

### DH5-Hop-PASS

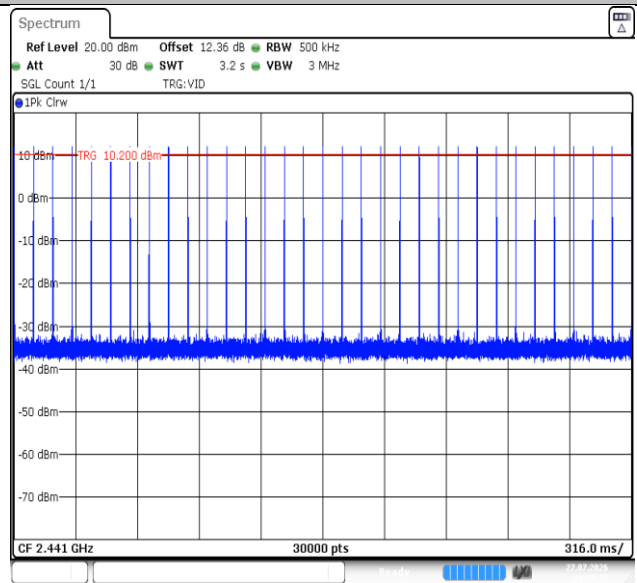


Date: 27 JUL 2026 18:53:17

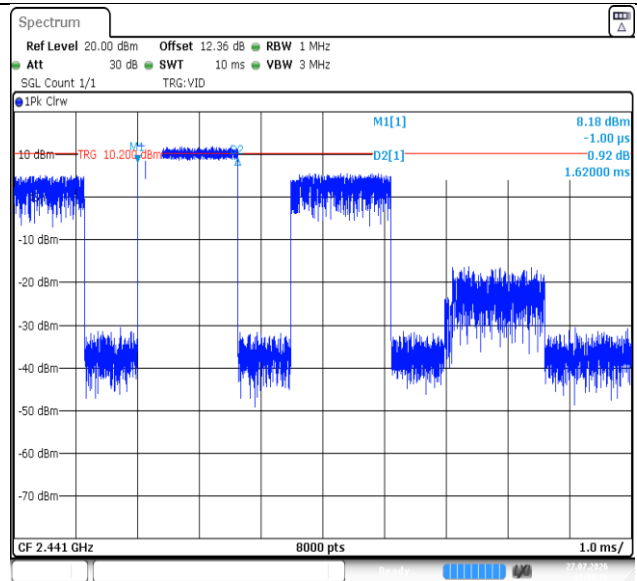


Date: 27 JUL 2026 18:59:32

## 2DH1-Hop-PASS

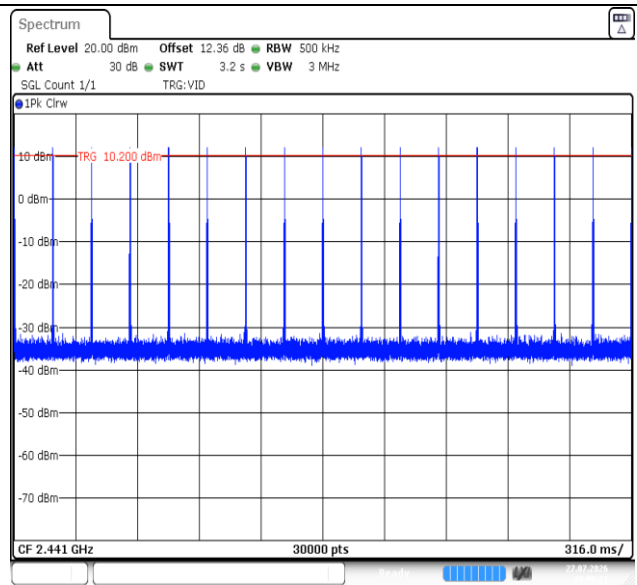


Date: 27 JUL 2026 18:59:37

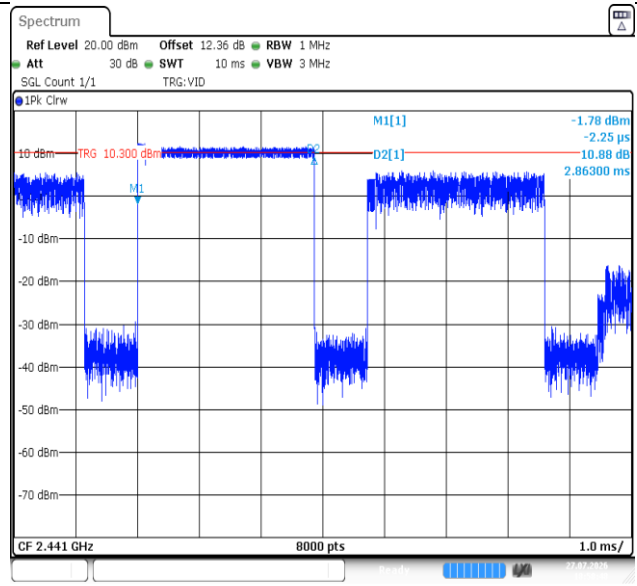


Date: 27 JUL 2026 19:00:16

## 2DH3-Hop-PASS

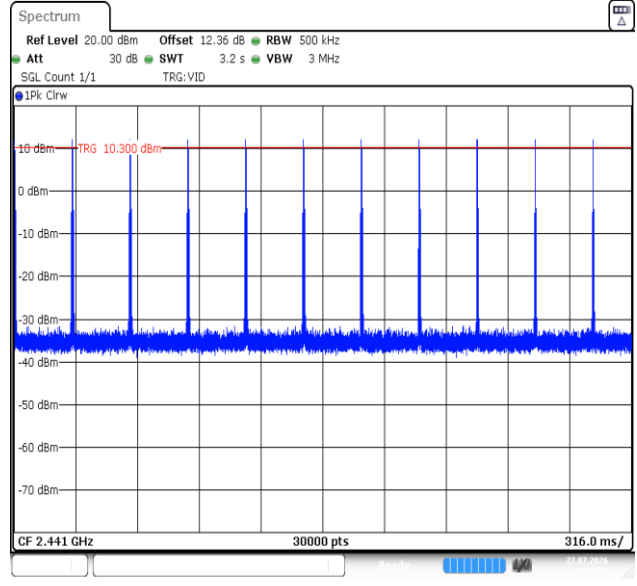


Date: 27 JUL 2026 19:00:21

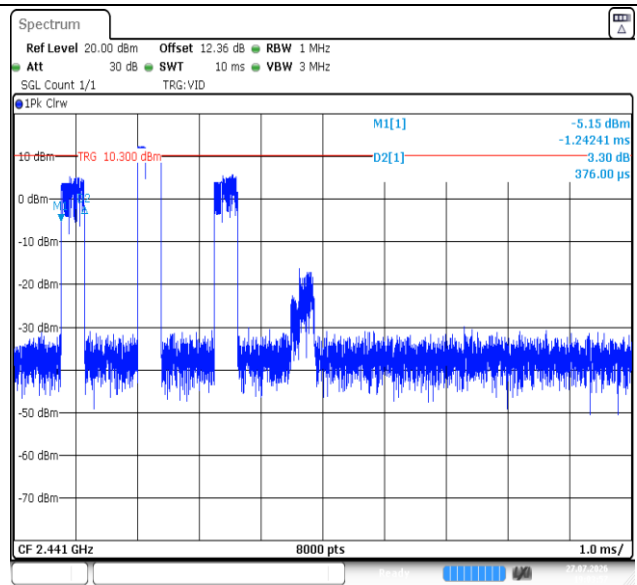


Date: 27 JUL 2026 18:58:48

## 2DH5-Hop-PASS

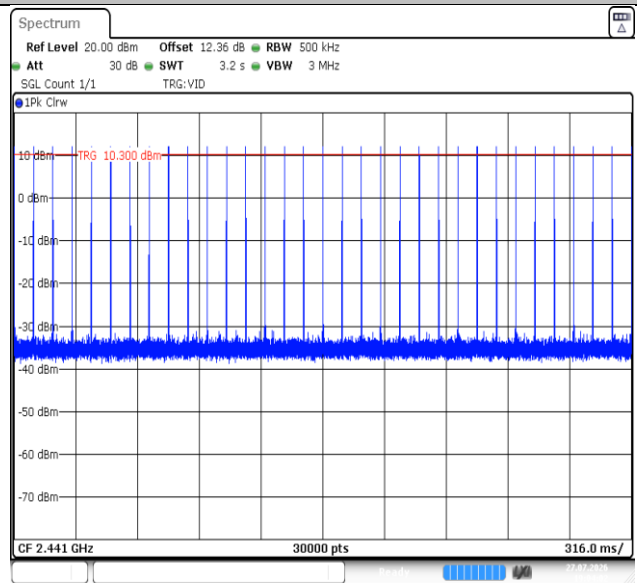


Date: 27 JUL 2026 18:58:53

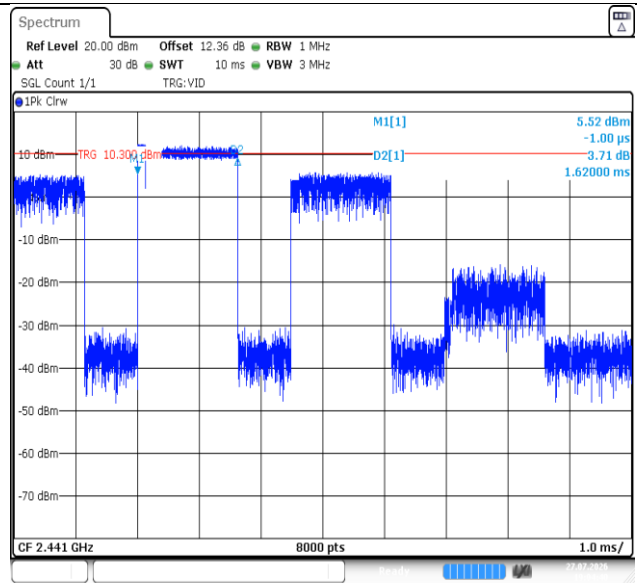


Date: 27 JUL 2026 19:03:57

### 3DH1-Hop-PASS

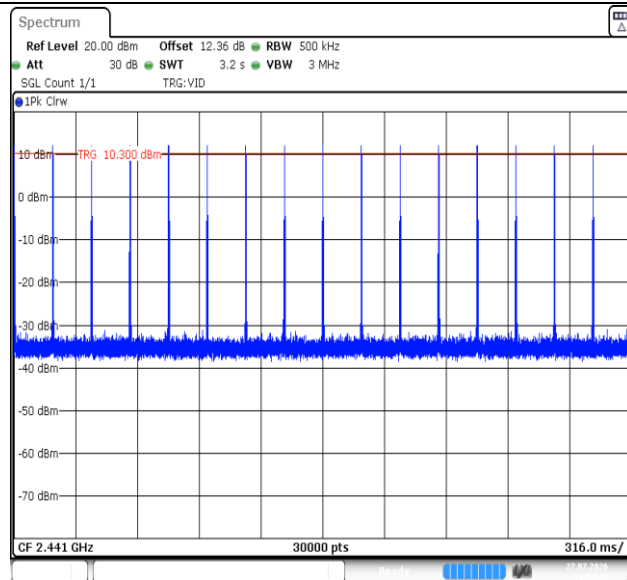


Date: 27 JUL 2026 19:04:02

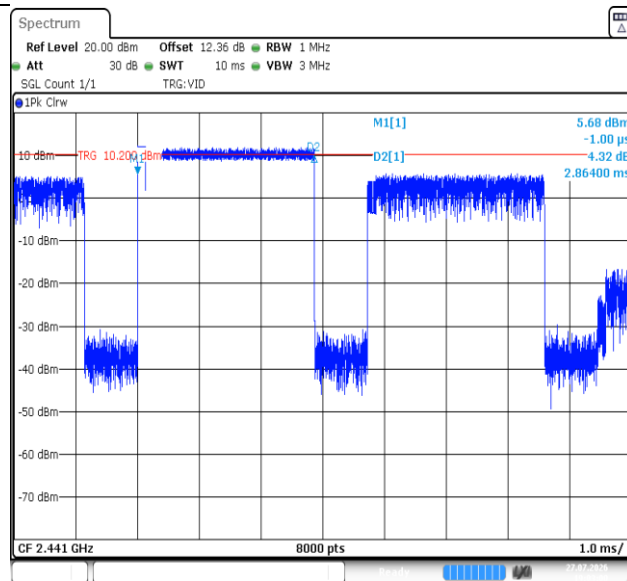


Date: 27 JUL 2026 19:04:41

### 3DH3-Hop-PASS

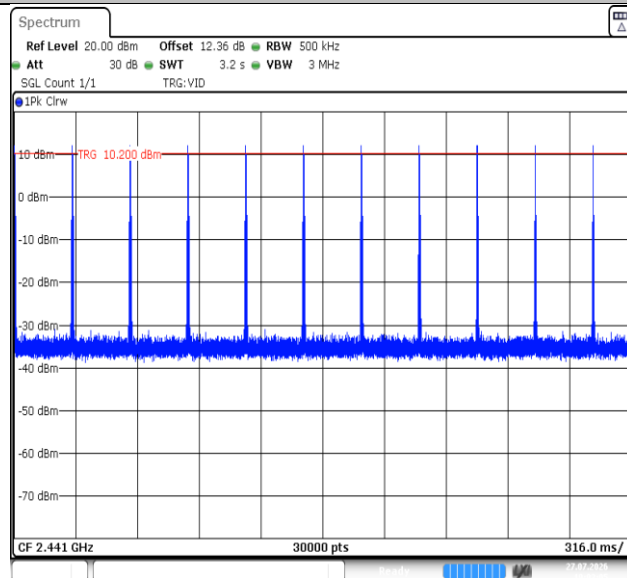


Date: 27 JUL 2026 19:04:46



Date: 27 JUL 2026 19:03:00

### 3DH5-Hop-PASS



Date: 27 JUL 2026 19:03:05

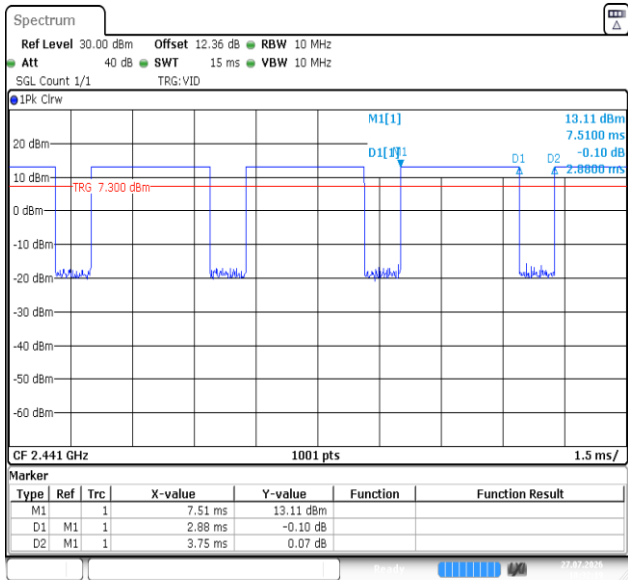
## Appendix G: Duty Cycle Correction Factor (DCCF)

### Test Result

| TestMode | Frequency[MHz] | ON Time [ms] | Single Period [ms] | Duty Cycle [%] | Duty Cycle Factor[dB] | Period [ms] | Burst Quantity | DCCF [dB] |
|----------|----------------|--------------|--------------------|----------------|-----------------------|-------------|----------------|-----------|
| DH5      | 2441           | 2.88         | 3.75               | 76.80          | 1.15                  | 100         | 1              | -30.81    |
| 2DH5     | 2441           | 2.88         | 3.75               | 76.80          | 1.15                  | 100         | 1              | -30.81    |
| 3DH5     | 2441           | 2.88         | 3.75               | 76.80          | 1.15                  | 100         | 1              | -30.81    |

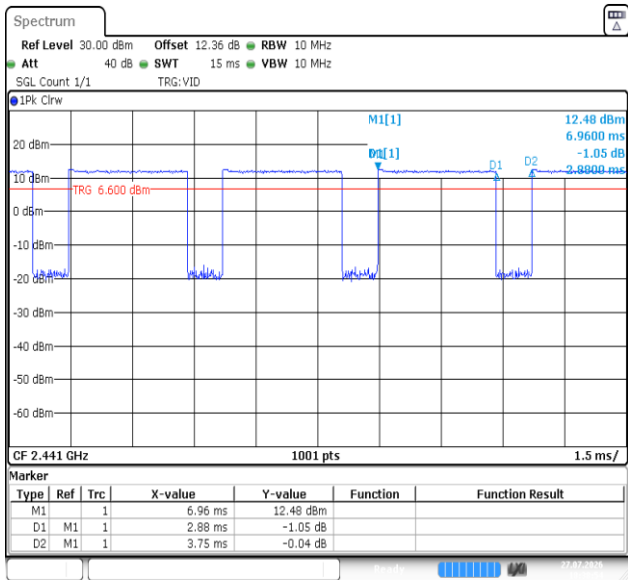
$$\text{DCCF} = 20 * \text{Log}(\text{duty cycle}) = 20 * \text{Log}(T_{\text{on time}} / T_{\text{period}})$$

Test Graphs



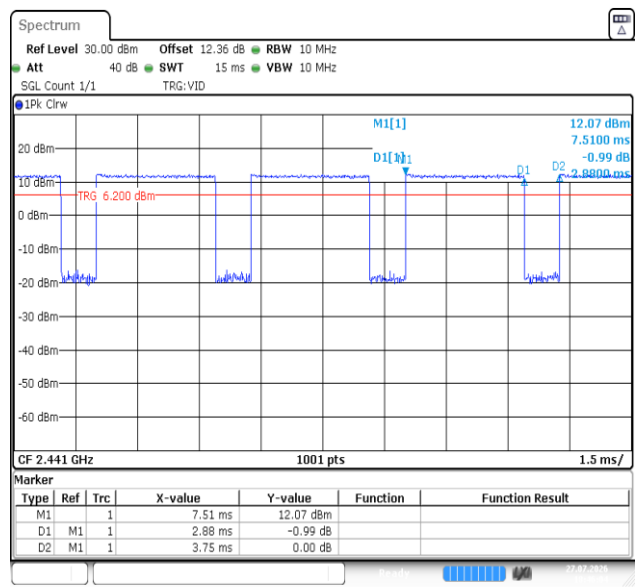
Date: 27 JUL 2026 18:32:19

NTNV-DH5-2441(T<sub>on</sub> time for single burst)



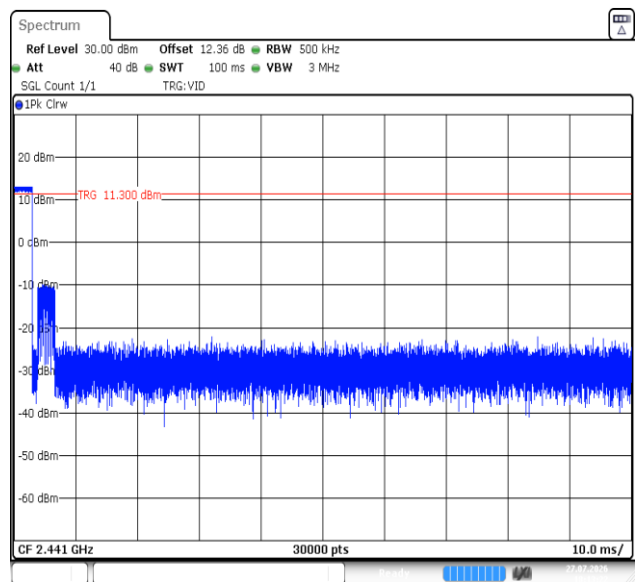
Date: 27 JUL 2026 18:38:55

NTNV-2DH5-2441(T<sub>on</sub> time for single burst)



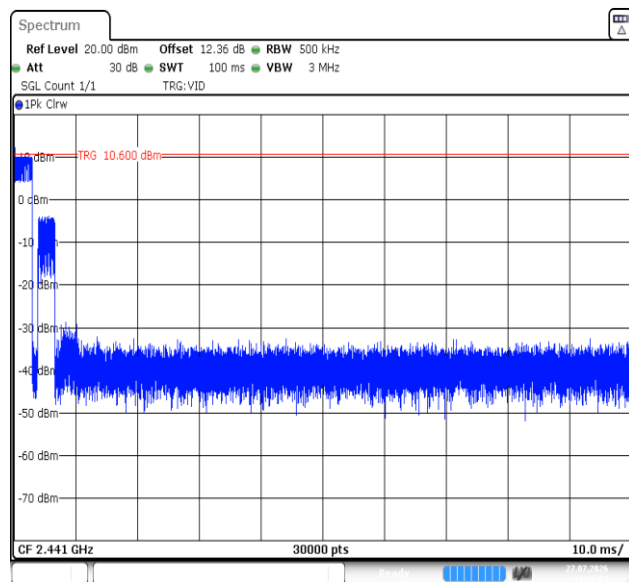
Date: 27 JUL 2026 18:46:04

NTNV-3DH5-2441(T<sub>on</sub> time for single burst)



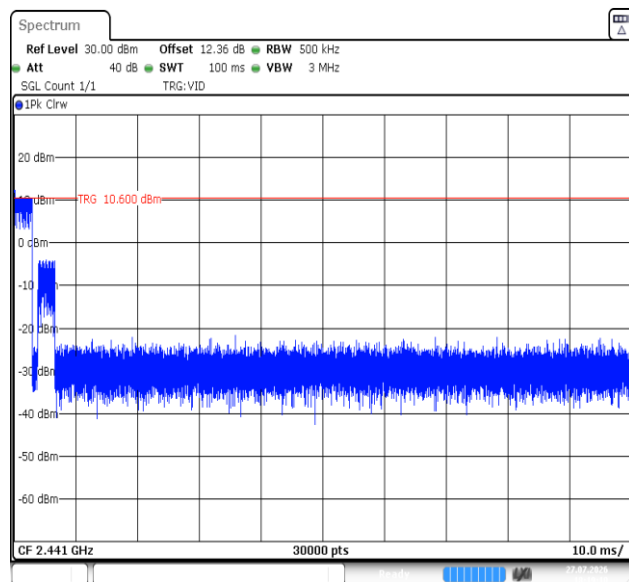
Date: 27 JUL 2026 18:13:22

NTNV-DH5-2441(Burst Quantity)



Date: 27 JUL 2026 18:21:53

### NTNV-2DH5-2441(Burst Quantity)

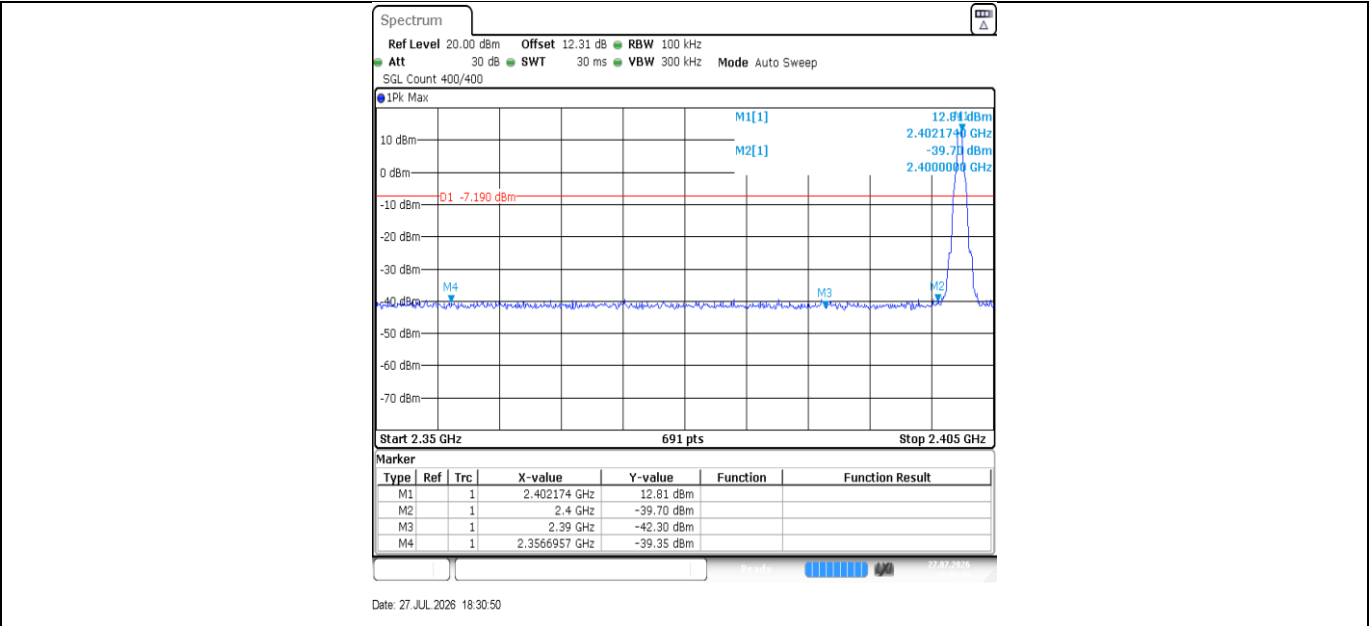


Date: 27 JUL 2026 18:19:10

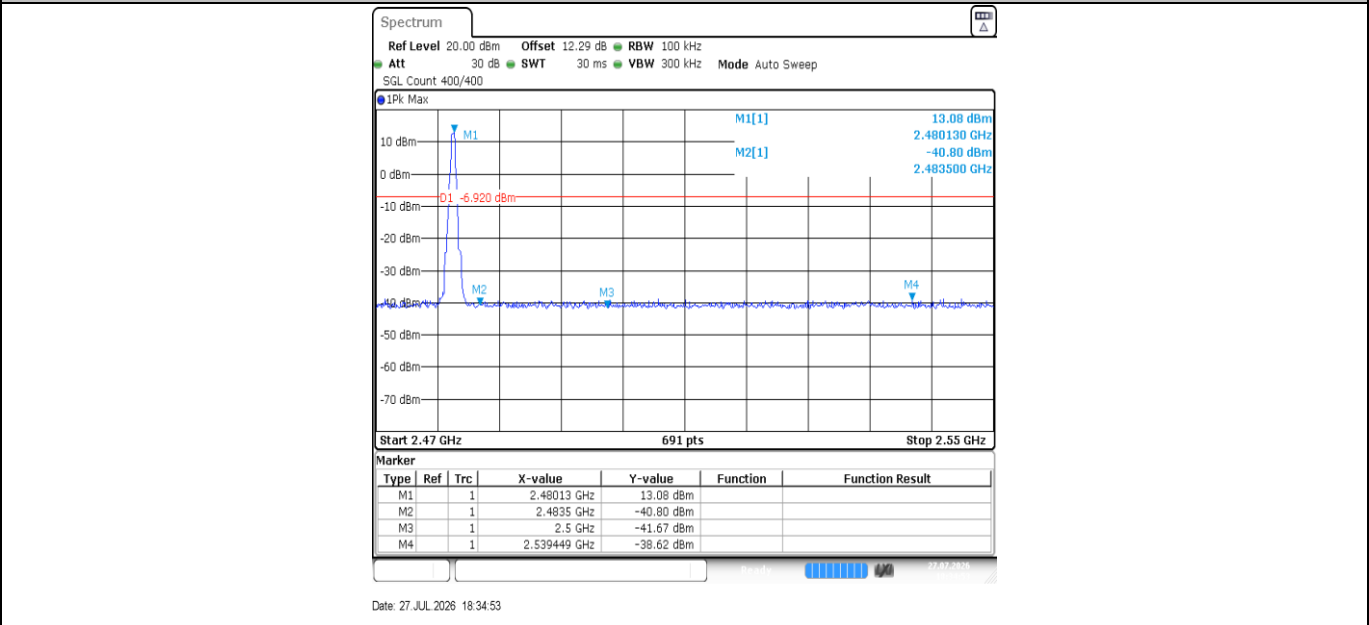
### NTNV-3DH5-2441(Burst Quantity)

Appendix H: Band edge and Spurious Emission(Conducted)

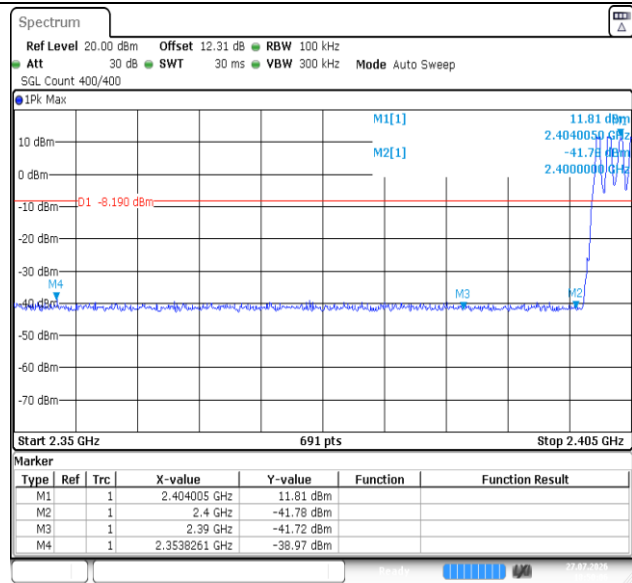
Test Graphs



DH5-2402-PASS

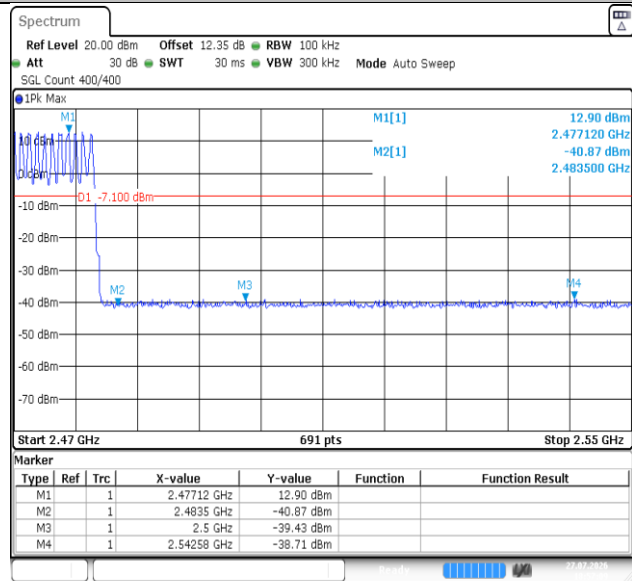


DH5-2480-PASS



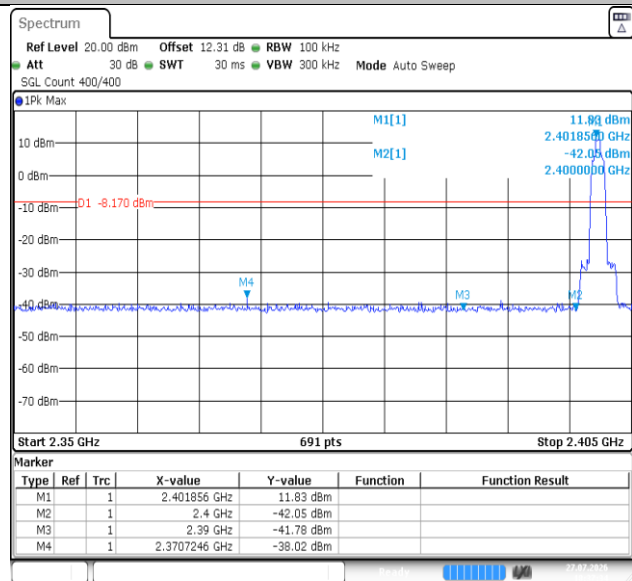
Date: 27 JUL 2026 18:50:07

### DH5-Hop\_2402-PASS



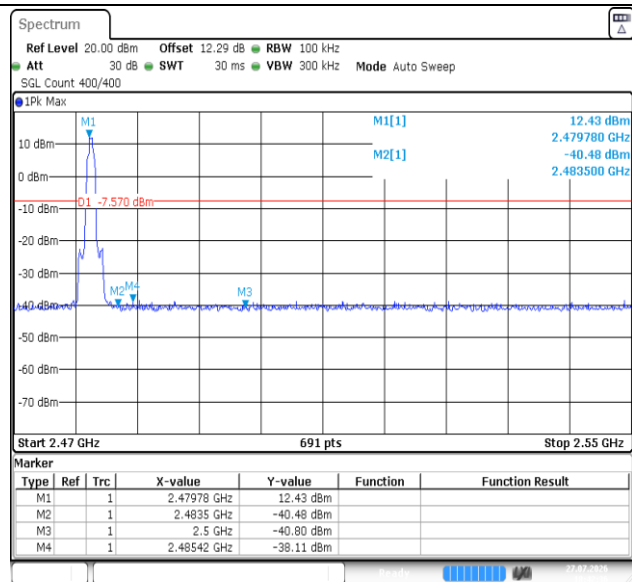
Date: 27 JUL 2026 18:57:10

### DH5-Hop\_2480-PASS



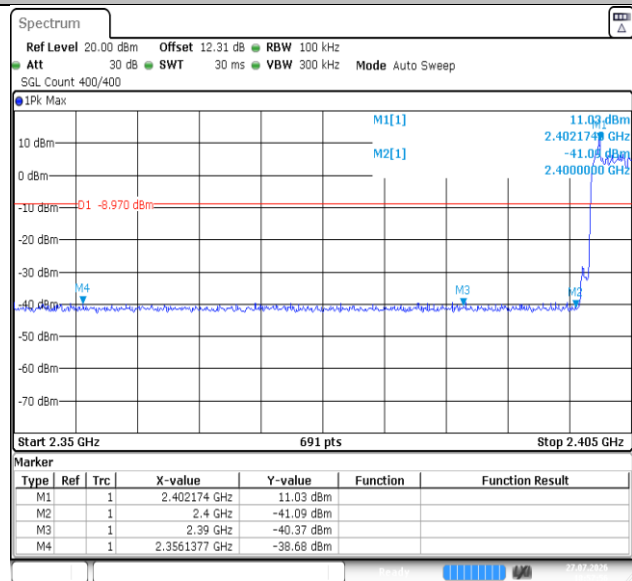
Date: 27 JUL 2026 18:37:34

### 2DH5-2402-PASS



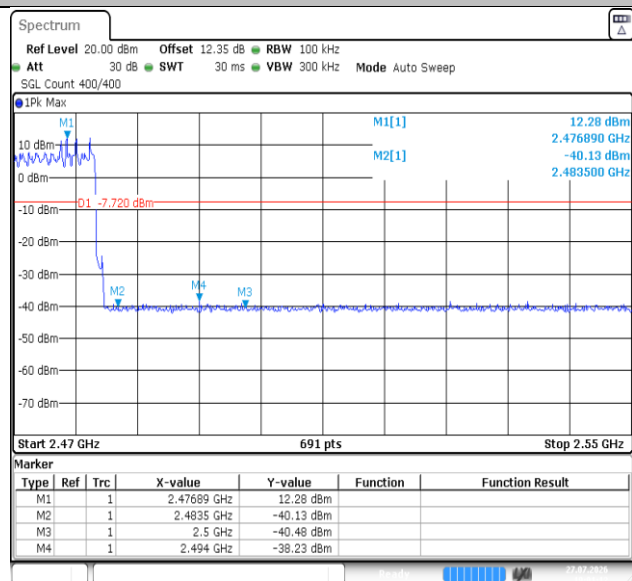
Date: 27 JUL 2026 18:42:36

## 2DH5-2480-PASS



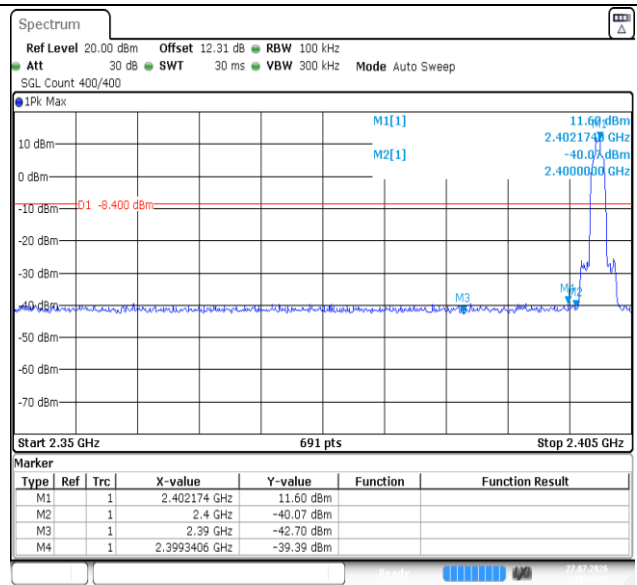
Date: 27 JUL 2026 18:57:56

## 2DH5-Hop\_2402-PASS



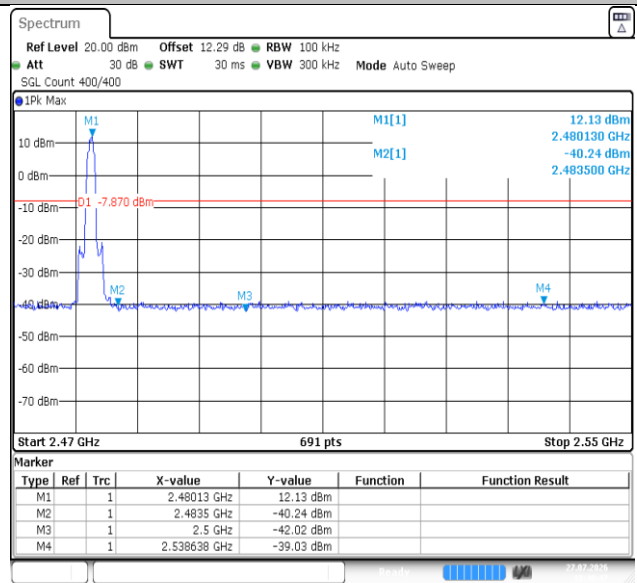
Date: 27 JUL 2026 19:01:12

## 2DH5-Hop\_2480-PASS



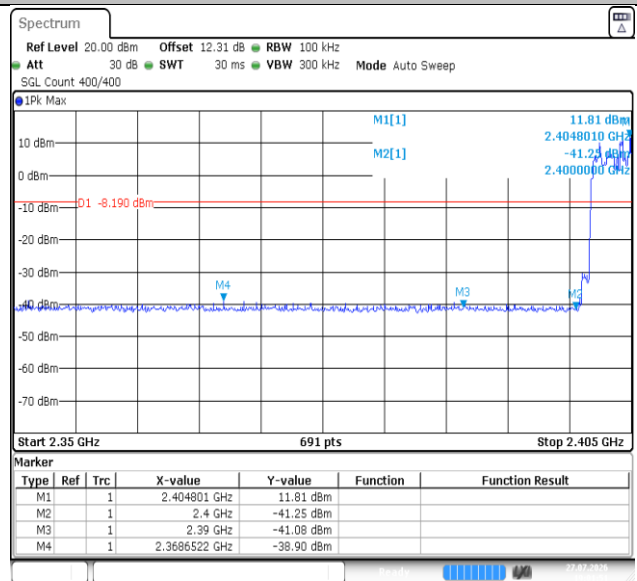
Date: 27 JUL 2026 18:44:37

### 3DH5-2402-PASS



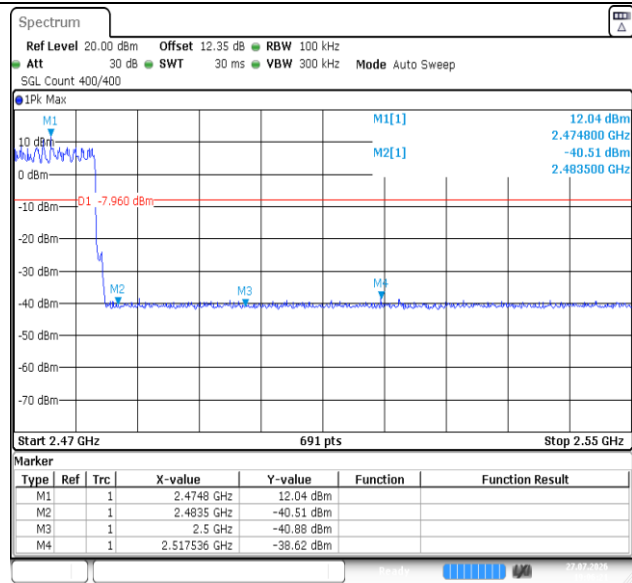
Date: 27 JUL 2026 18:48:48

### 3DH5-2480-PASS



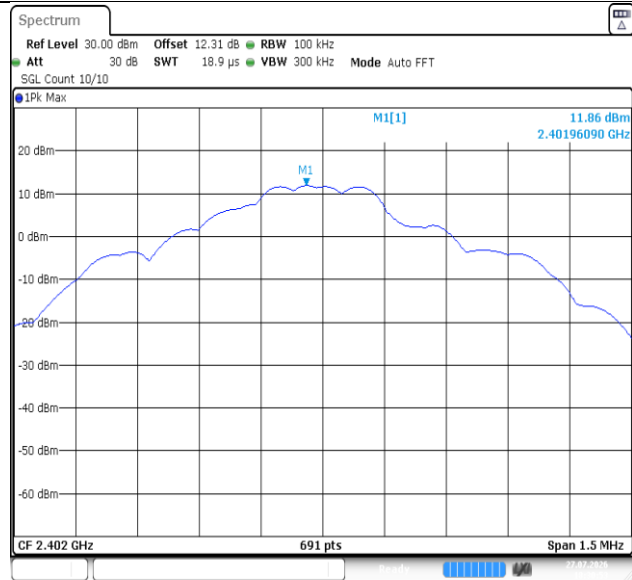
Date: 27 JUL 2026 19:01:52

### 3DH5-Hop\_2402-PASS



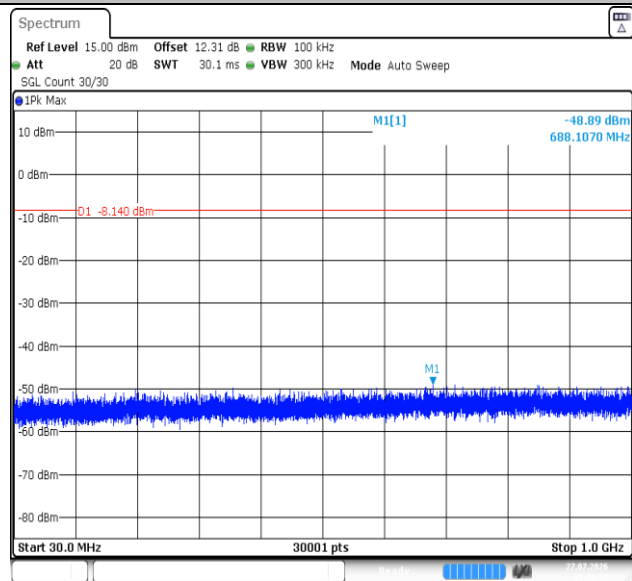
Date: 27 JUL 2026 19:06:21

3DH5-Hop\_2480-PASS



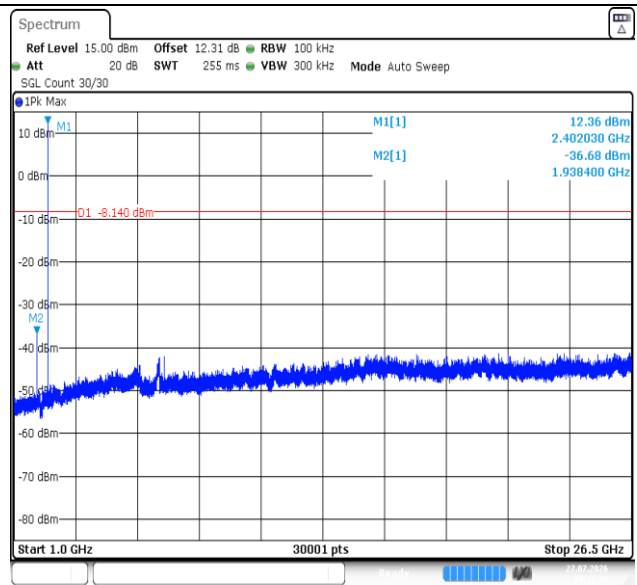
Date: 27 JUL 2026 18:30:54

DH5-2402-0~Reference-PASS



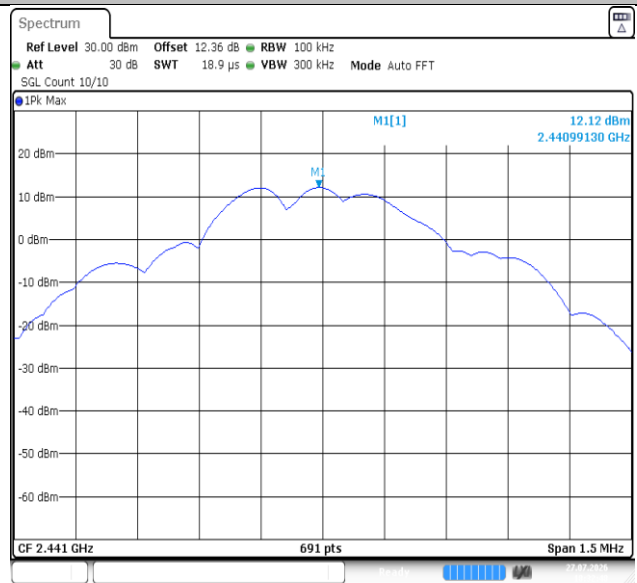
Date: 27 JUL 2026 18:30:59

DH5-2402-30~1000-PASS



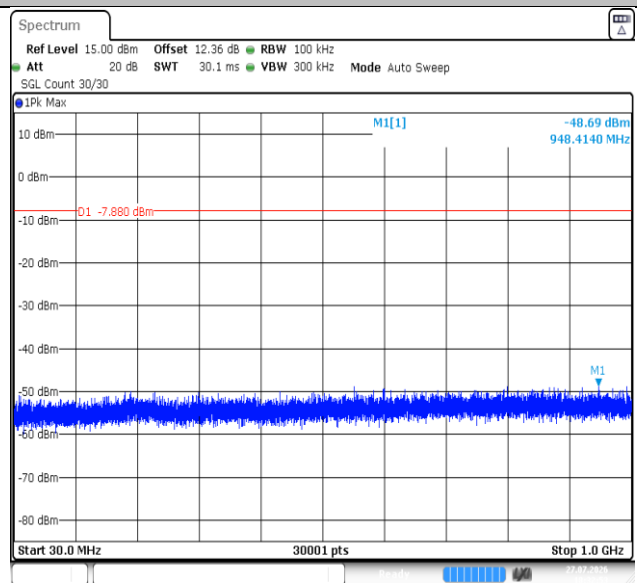
Date: 27 JUL 2026 18:31:27

### DH5-2402-1000~26500-PASS



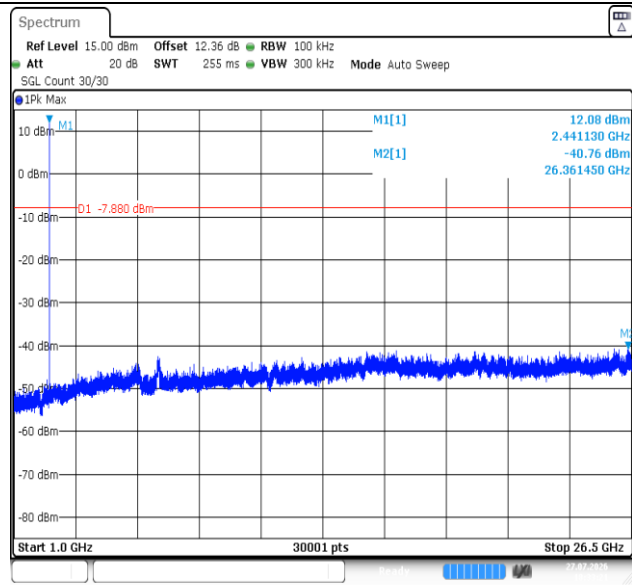
Date: 27 JUL 2026 18:32:48

### DH5-2441-0~Reference-PASS



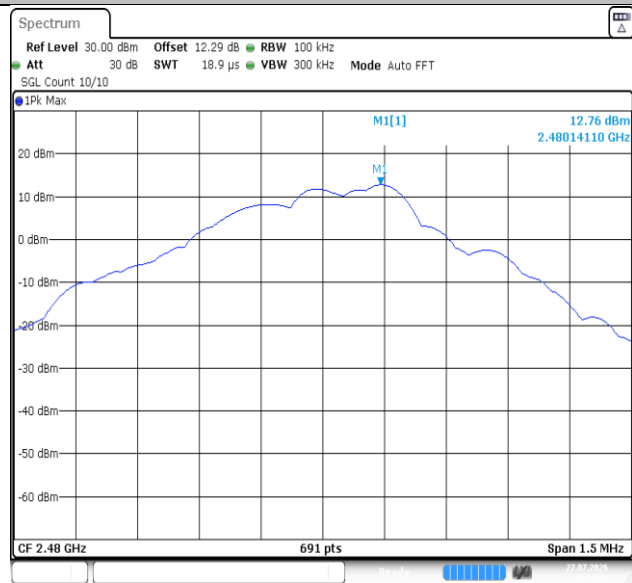
Date: 27 JUL 2026 18:32:54

### DH5-2441-30~1000-PASS



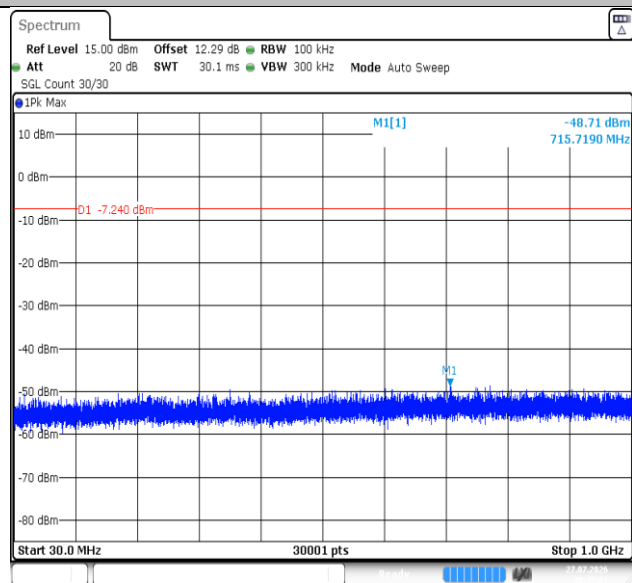
Date: 27 JUL 2026 18:33:21

### DH5-2441-1000~26500-PASS



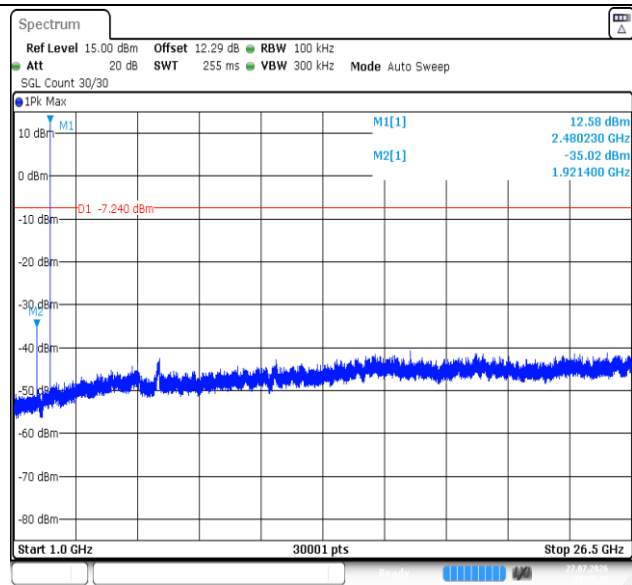
Date: 27 JUL 2026 18:34:56

### DH5-2480-0~Reference-PASS



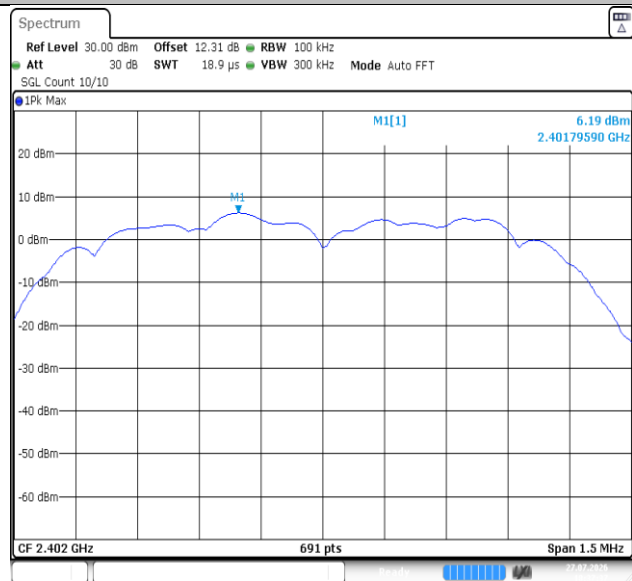
Date: 27 JUL 2026 18:35:01

### DH5-2480-30~1000-PASS



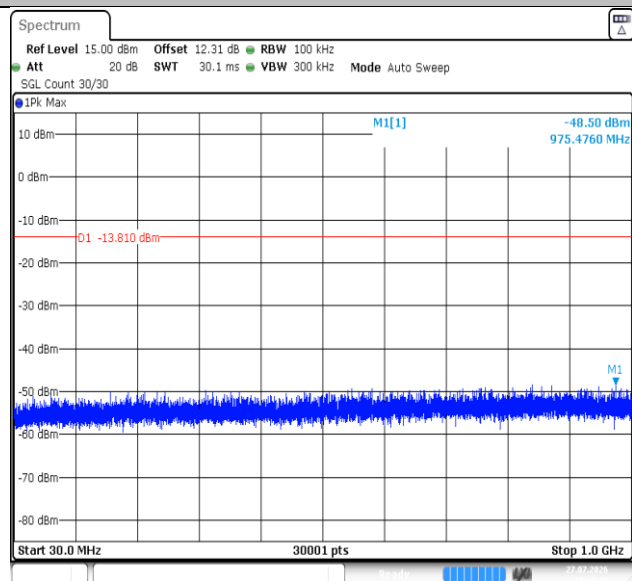
Date: 27 JUL 2026 18:35:29

### DH5-2480-1000~26500-PASS



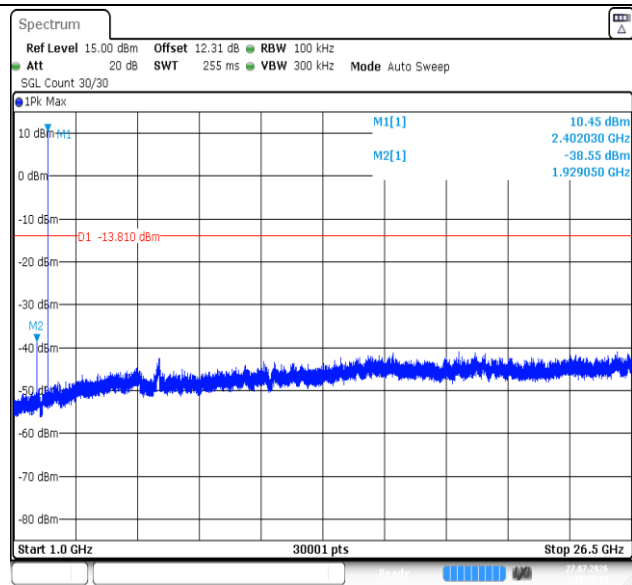
Date: 27 JUL 2026 18:37:37

### 2DH5-2402-0~Reference-PASS



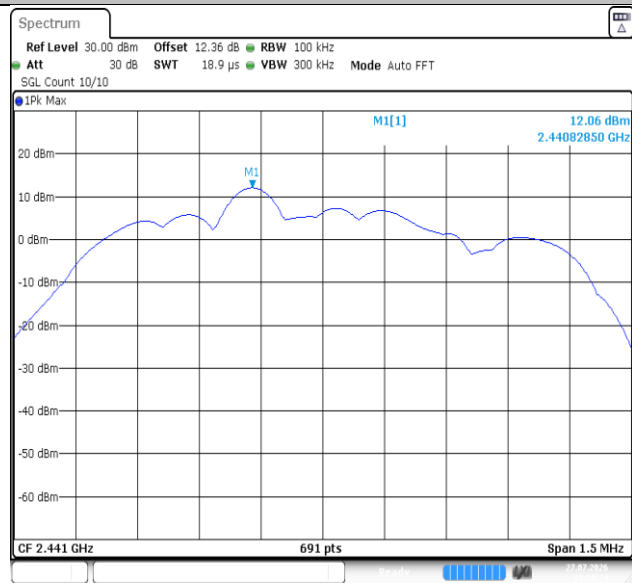
Date: 27 JUL 2026 18:37:43

### 2DH5-2402-30~1000-PASS



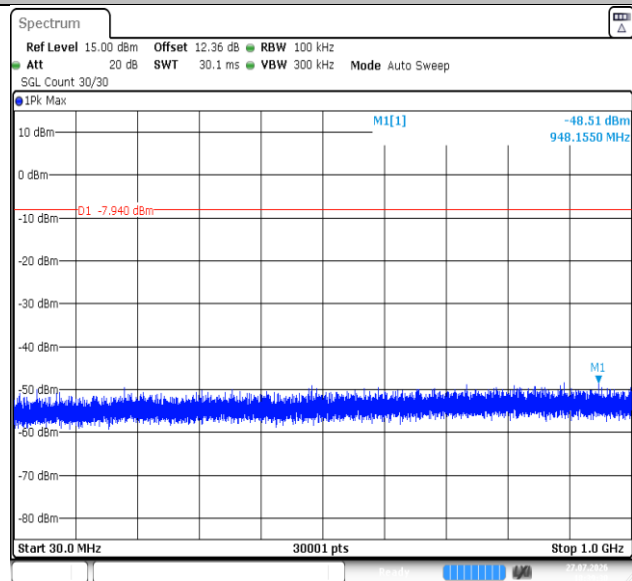
Date: 27 JUL 2026 18:38:10

## 2DH5-2402-1000~26500-PASS



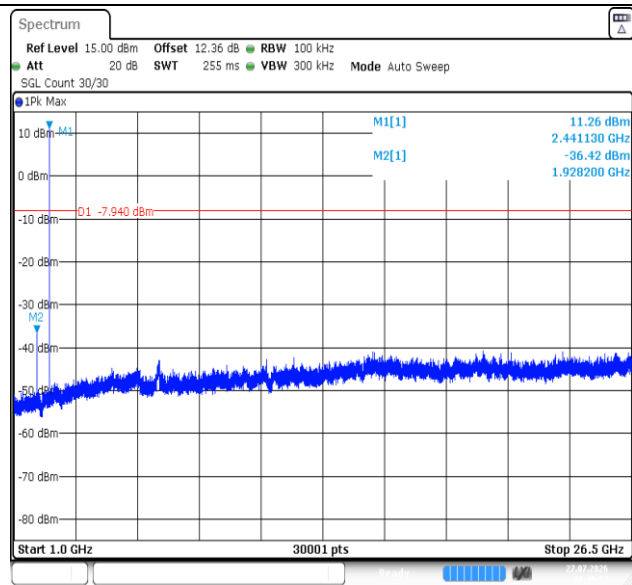
Date: 27 JUL 2026 18:39:24

## 2DH5-2441-0~Reference-PASS



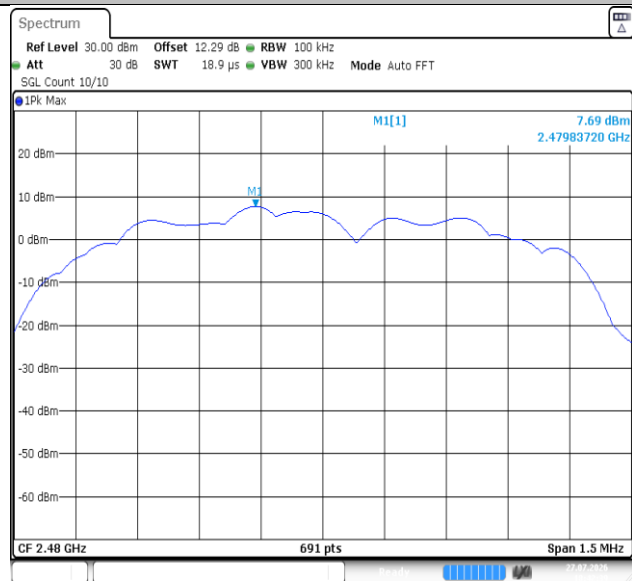
Date: 27 JUL 2026 18:39:30

## 2DH5-2441-30~1000-PASS



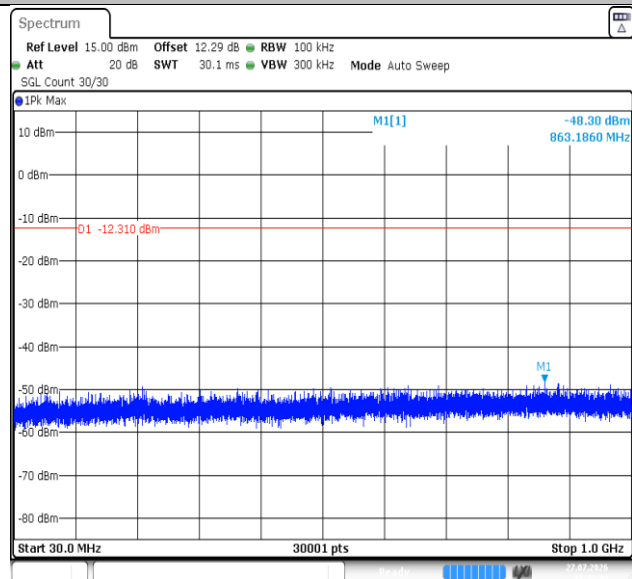
Date: 27 JUL 2026 18:39:58

### 2DH5-2441-1000~26500-PASS



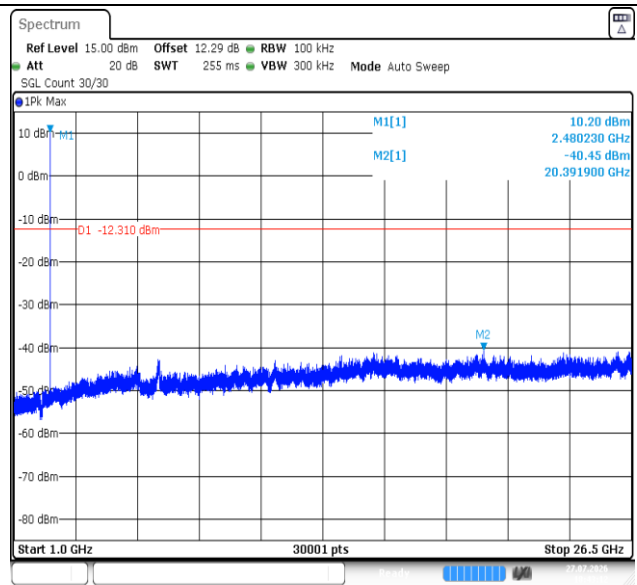
Date: 27 JUL 2026 18:42:39

### 2DH5-2480-0~Reference-PASS



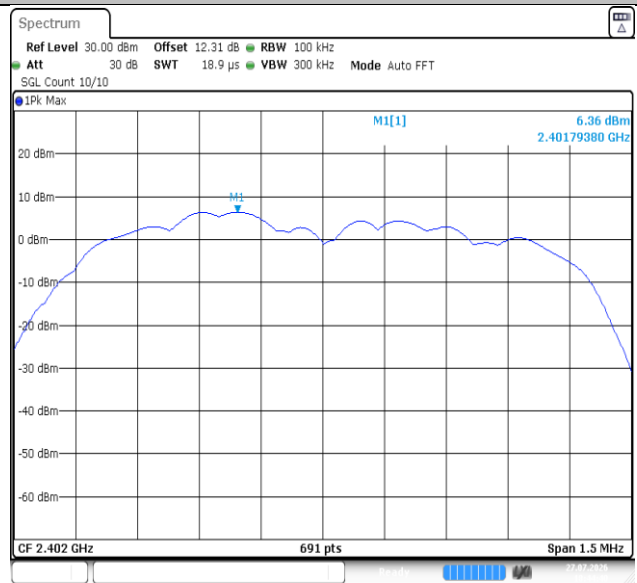
Date: 27 JUL 2026 18:42:45

### 2DH5-2480-30~1000-PASS



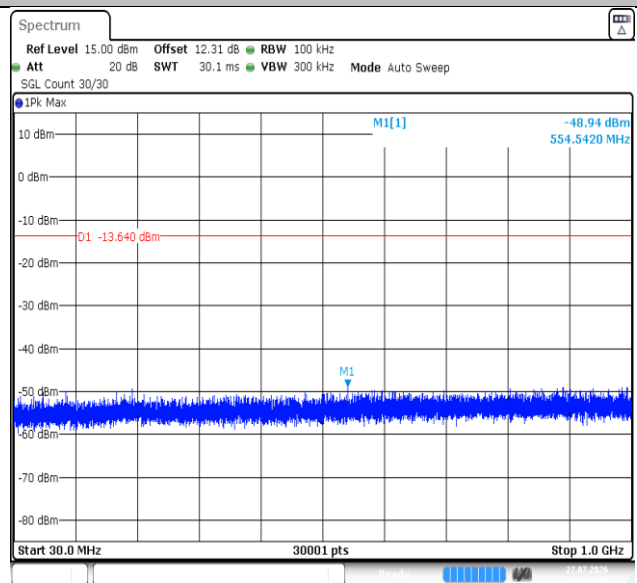
Date: 27 JUL 2026 18:43:12

### 2DH5-2480-1000~26500-PASS



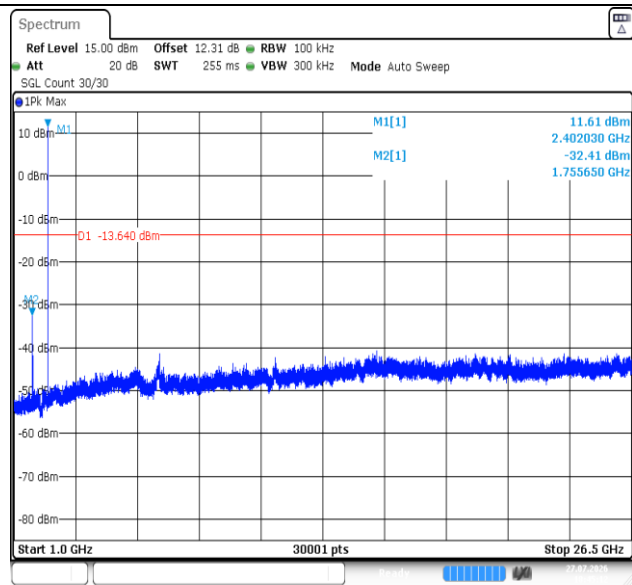
Date: 27 JUL 2026 18:44:40

### 3DH5-2402-0~Reference-PASS



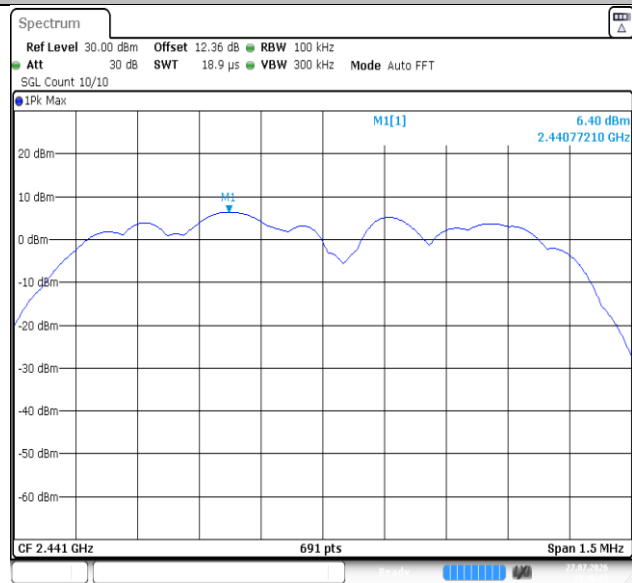
Date: 27 JUL 2026 18:44:46

### 3DH5-2402-30~1000-PASS



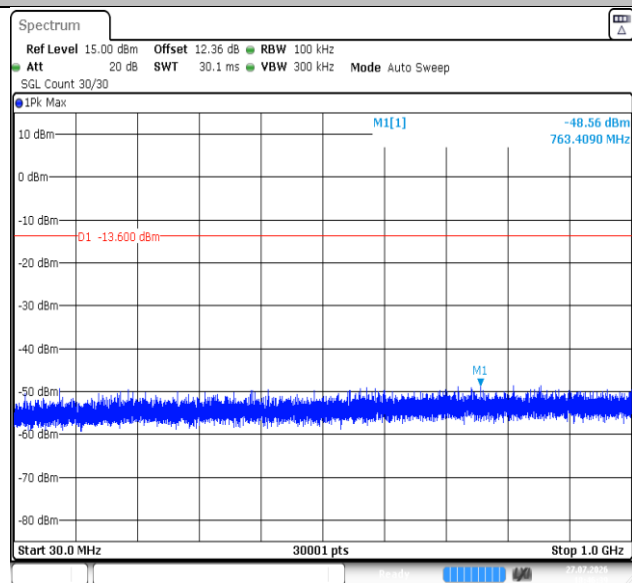
Date: 27 JUL 2026 18:45:13

### 3DH5-2402-1000~26500-PASS



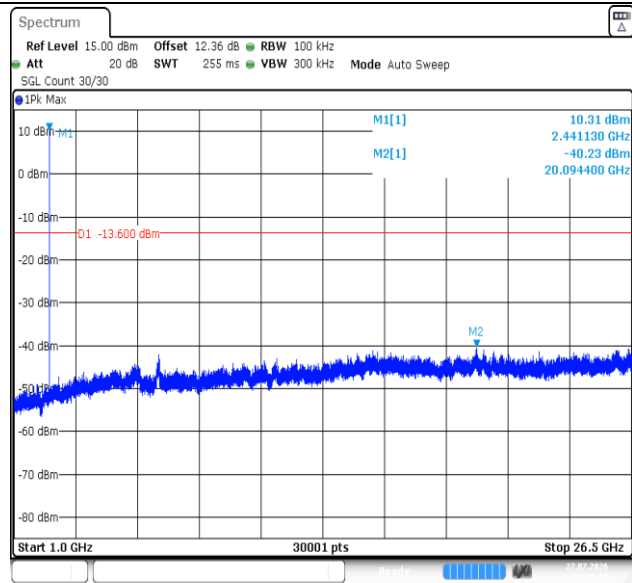
Date: 27 JUL 2026 18:46:34

### 3DH5-2441-0~Reference-PASS



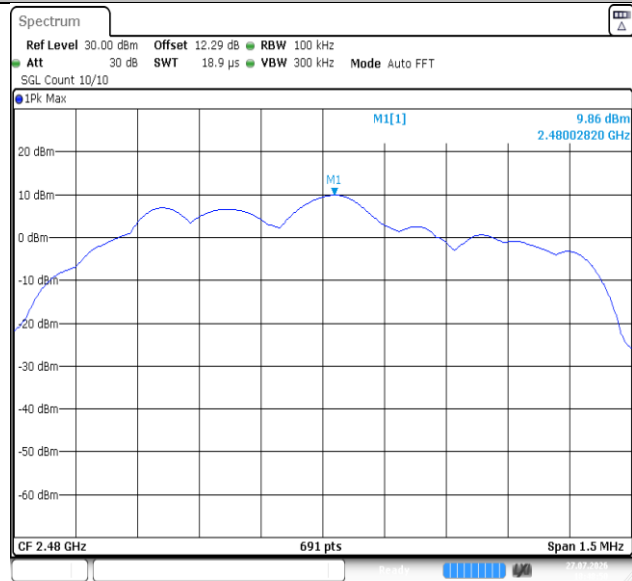
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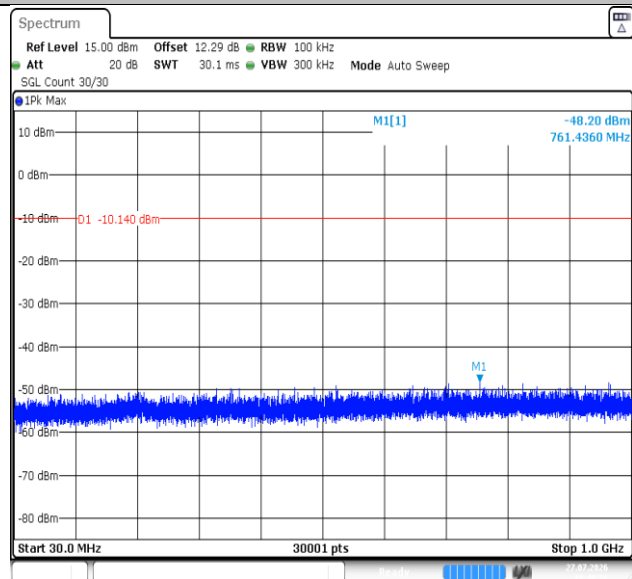
Date: 27 JUL 2026 18:47:07

### 3DH5-2441-1000~26500-PASS



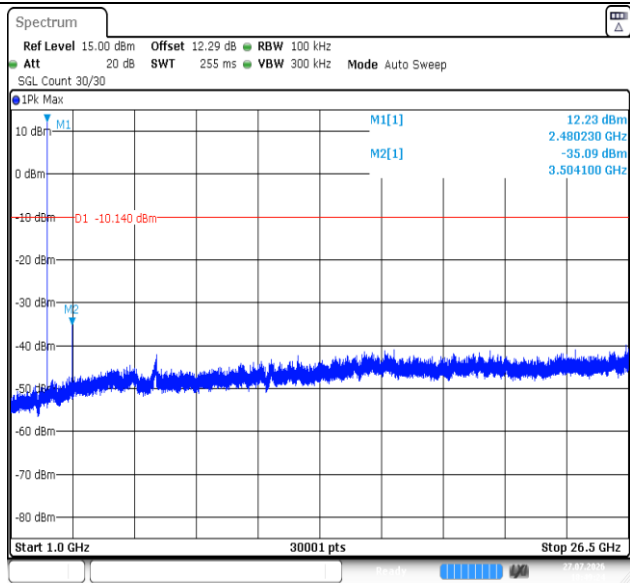
Date: 27 JUL 2026 18:48:51

### 3DH5-2480-0~Reference-PASS



Date: 27 JUL 2026 18:48:57

### 3DH5-2480-30~1000-PASS



3DH5-2480-1000~26500-PASS

-----End of Report-----