

## Report on the RF Testing of:

KYOCERA Corporation  
Mobile Phone, Model: EB1220  
FCC ID: JOYEB1220



## In accordance with FCC Part 15 Subpart C

Prepared for: KYOCERA Corporation  
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## COMMERCIAL-IN-CONFIDENCE

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| SIGNATURE      |                              |                    |            |
|----------------|------------------------------|--------------------|------------|
|                |                              |                    |            |
| NAME           | JOB TITLE                    | RESPONSIBLE FOR    | ISSUE DATE |
| Hiroaki Suzuki | RF Deputy Manager of EMC Lab | Approved Signatory | 2026.02.02 |

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### EXECUTIVE SUMMARY – Result: Complied

A sample(s) of this product was tested and the result above was confirmed in accordance with FCC Part 15 Subpart C.



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## Contents

|                                        |                                                     |           |
|----------------------------------------|-----------------------------------------------------|-----------|
| <b>1</b>                               | <b>Summary of Test .....</b>                        | <b>3</b>  |
| 1.1                                    | Modification history of the test report .....       | 3         |
| 1.2                                    | Standards .....                                     | 3         |
| 1.3                                    | Test methods.....                                   | 3         |
| 1.4                                    | Deviation from standards .....                      | 3         |
| 1.5                                    | List of applied test(s) of the EUT .....            | 3         |
| 1.6                                    | Test information.....                               | 3         |
| 1.7                                    | Test set up.....                                    | 3         |
| 1.8                                    | Test period .....                                   | 3         |
| <b>2</b>                               | <b>Equipment Under Test.....</b>                    | <b>4</b>  |
| 2.1                                    | EUT information .....                               | 4         |
| 2.2                                    | Modification to the EUT .....                       | 5         |
| 2.3                                    | Variation of family model(s).....                   | 5         |
| 2.4                                    | Operating channels and frequencies .....            | 6         |
| 2.5                                    | Operating mode.....                                 | 7         |
| 2.6                                    | Operating flow .....                                | 7         |
| <b>3</b>                               | <b>Configuration of Equipment.....</b>              | <b>8</b>  |
| 3.1                                    | Equipment used .....                                | 8         |
| 3.2                                    | Cable(s) used .....                                 | 8         |
| 3.3                                    | System configuration .....                          | 8         |
| <b>4</b>                               | <b>Test Result .....</b>                            | <b>9</b>  |
| 4.1                                    | 20dB Bandwidth .....                                | 9         |
| 4.2                                    | Carrier Frequency Separation.....                   | 13        |
| 4.3                                    | Number of Hopping Frequencies .....                 | 17        |
| 4.4                                    | Time of Occupancy (Dwell Time) .....                | 22        |
| 4.5                                    | Maximum Peak Output Power .....                     | 29        |
| 4.6                                    | Band Edge Compliance of RF Conducted Emissions..... | 31        |
| 4.7                                    | Spurious Emissions - Conducted - .....              | 37        |
| 4.8                                    | Spurious Emissions - Radiated - .....               | 47        |
| 4.9                                    | Restricted Band of Operation .....                  | 58        |
| 4.10                                   | AC Power Line Conducted Emissions .....             | 64        |
| <b>5</b>                               | <b>Antenna requirement .....</b>                    | <b>67</b> |
| <b>6</b>                               | <b>Measurement Uncertainty .....</b>                | <b>68</b> |
| <b>7</b>                               | <b>Laboratory Information.....</b>                  | <b>70</b> |
| <b>Appendix A. Test Equipment.....</b> |                                                     | <b>70</b> |
| <b>Appendix B. Duty Cycle .....</b>    |                                                     | <b>72</b> |

## 1 Summary of Test

### 1.1 Modification history of the test report

| Document Number | Modification History | Issue Date              |
|-----------------|----------------------|-------------------------|
| JPD-TR-25107-0  | First Issue          | Refer to the cover page |

### 1.2 Standards

CFR47 FCC Part 15 Subpart C

### 1.3 Test methods

ANSI C63.10-2020

### 1.4 Deviation from standards

None

### 1.5 List of applied test(s) of the EUT

| Test item section             | Test item                                      | Condition | Result | Remark |
|-------------------------------|------------------------------------------------|-----------|--------|--------|
| 15.247(a)(1)                  | 20dB Bandwidth                                 | Conducted | PASS   | -      |
| 15.247(a)(1)                  | Carrier Frequency Separation                   | Conducted | PASS   | -      |
| 15.247(a)(1)(iii)             | Number of Hopping Frequencies                  | Conducted | PASS   | -      |
| 15.247(a)(1)(iii)             | Time of Occupancy (Dwell Time)                 | Conducted | PASS   | -      |
| 15.247(b)(1)                  | Maximum Peak Output Power                      | Conducted | PASS   | -      |
| 15.247(d)                     | Band Edge Compliance of RF Conducted Emissions | Conducted | PASS   | -      |
| 15.247(d)<br>15.205<br>15.209 | Spurious Emissions                             | Conducted | PASS   | -      |
|                               |                                                | Radiated  | PASS   | -      |
| 15.247(d)<br>15.205<br>15.209 | Restricted Bands of Operation                  | Radiated  | PASS   | -      |
| 15.207                        | AC Power Line Conducted Emissions              | Conducted | PASS   | -      |

### 1.6 Test information

None

### 1.7 Test set up

Table-top

### 1.8 Test period

29- October-2025 - 19-November-2025

## 2 Equipment Under Test

All information in this chapter was provided by the applicant.

### 2.1 EUT information

|                             |                                                                                                                               |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Applicant                   | KYOCERA Corporation<br>Yokohama Office 2-1-1 Kagahara, Tsuzuki-ku Yokohama-shi,<br>Kanagawa, Japan<br>Phone: +81-90-6100-4946 |
| Equipment Under Test (EUT)  | Mobile Phone                                                                                                                  |
| Model number                | EB1220                                                                                                                        |
| Serial number               | 353379980000799, 353379980008909                                                                                              |
| Trade name                  | Kyocera                                                                                                                       |
| Number of sample(s)         | 2                                                                                                                             |
| EUT condition               | Pre-Production                                                                                                                |
| Power rating                | Battery: DC 3.87 V<br>USB: DC 5.0 ~ 9.0V 2.0A                                                                                 |
| Size                        | (W) 75 mm × (D) 14.6 mm × (H) 157 mm                                                                                          |
| Environment                 | Indoor and Outdoor use                                                                                                        |
| Terminal limitation         | -20 °C to 60 °C                                                                                                               |
| Hardware version            | DMT1                                                                                                                          |
| Software version            | 0.070KB.0015.a                                                                                                                |
| Firmware version            | Not applicable                                                                                                                |
| RF Specification            |                                                                                                                               |
| Protocol                    | Bluetooth 5.4 + EDR                                                                                                           |
| Frequency range             | 2402 MHz-2480 MHz                                                                                                             |
| Number of RF Channels       | 79 Channels                                                                                                                   |
| Modulation method/Data rate | FHSS: GFSK (1 Mbps), $\pi/4$ -DQPSK (2 Mbps), 8-DPSK (3 Mbps)                                                                 |
| Channel separation          | 1 MHz                                                                                                                         |
| Conducted power             | 24.322 mW (DH5)<br>38.459 mW (3-DH5)                                                                                          |
| Antenna type                | Internal antenna                                                                                                              |
| Antenna gain                | Chain 0: 1.1 dBi<br>Chain 1: 1.5 dBi                                                                                          |

## 2.2 Modification to the EUT

The table below details modifications made to the EUT during the test project.

| Modification State                                             | Description of Modification  | Modification fitted by | Date of Modification |
|----------------------------------------------------------------|------------------------------|------------------------|----------------------|
| Model: EB1220 Serial Number: 353379980000799, 3533799800008909 |                              |                        |                      |
| 0                                                              | As supplied by the applicant | Not Applicable         | Not Applicable       |

## 2.3 Variation of family model(s)

### 2.3.1 List of family model(s)

Not applicable

### 2.3.2 Reason for selection of EUT

Not applicable

## 2.4 Operating channels and frequencies

| Channel | Frequency<br>[MHz] | Channel | Frequency<br>[MHz] | Channel | Frequency<br>[MHz] |
|---------|--------------------|---------|--------------------|---------|--------------------|
| 0       | 2402               | 27      | 2429               | 54      | 2456               |
| 1       | 2403               | 28      | 2430               | 55      | 2457               |
| 2       | 2404               | 29      | 2431               | 56      | 2458               |
| 3       | 2405               | 30      | 2432               | 57      | 2459               |
| 4       | 2406               | 31      | 2433               | 58      | 2460               |
| 5       | 2407               | 32      | 2434               | 59      | 2461               |
| 6       | 2408               | 33      | 2435               | 60      | 2462               |
| 7       | 2409               | 34      | 2436               | 61      | 2463               |
| 8       | 2410               | 35      | 2437               | 62      | 2464               |
| 9       | 2411               | 36      | 2438               | 63      | 2465               |
| 10      | 2412               | 37      | 2439               | 64      | 2466               |
| 11      | 2413               | 38      | 2440               | 65      | 2467               |
| 12      | 2414               | 39      | 2441               | 66      | 2468               |
| 13      | 2415               | 40      | 2442               | 67      | 2469               |
| 14      | 2416               | 41      | 2443               | 68      | 2470               |
| 15      | 2417               | 42      | 2444               | 69      | 2471               |
| 16      | 2418               | 43      | 2445               | 70      | 2472               |
| 17      | 2419               | 44      | 2446               | 71      | 2473               |
| 18      | 2420               | 45      | 2447               | 72      | 2474               |
| 19      | 2421               | 46      | 2448               | 73      | 2475               |
| 20      | 2422               | 47      | 2449               | 74      | 2476               |
| 21      | 2423               | 48      | 2450               | 75      | 2477               |
| 22      | 2424               | 49      | 2451               | 76      | 2478               |
| 23      | 2425               | 50      | 2452               | 77      | 2479               |
| 24      | 2426               | 51      | 2453               | 78      | 2480               |
| 25      | 2427               | 52      | 2454               |         |                    |
| 26      | 2428               | 53      | 2455               |         |                    |

## 2.5 Operating mode

The EUT had been tested under operating condition.  
There are three channels have been tested as following:

| Tested Channel | Frequency [MHz] |
|----------------|-----------------|
| Low            | 2402            |
| Middle         | 2441            |
| High           | 2480            |

The pre-test has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates.

| Tested Channel    | Modulation Technology | Modulation Type | Packet Type |
|-------------------|-----------------------|-----------------|-------------|
| Low, Middle, High | FHSS                  | GFSK            | DH5         |
| Low, Middle, High | FHSS                  | 8-DPSK          | 3-DH5       |

The field strength of spurious emissions was measured at each position of all three axis X, Y and Z to compare the level, and the maximum noise.

The worst emission was found in Z-axis, and the worst case recorded.

Pre-scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports.

## 2.6 Operating flow

[Tx mode]

- i) Test program setup to the Software
- ii) Select a Test mode  
Operating frequency: Channel Low: 2402 MHz, Channel Middle: 2441 MHz, Channel High: 2480 MHz
- iii) Start test mode

[Rx mode]

- i) Test program setup to the Software
- ii) Select a Test mode  
Operating frequency: Channel Low: 2402 MHz, Channel Middle: 2441 MHz, Channel High: 2480 MHz
- iii) Start test mode

### 3 Configuration of Equipment

Numbers assigned to equipment on the diagram in “3.3 System configuration” correspond to the list in “3.1 Equipment used” and “3.2 Cable(s) used”.

This test configuration is based on the manufacture’s instruction.

Cabling and setup(s) were taken into consideration and test data was taken under worse case condition.

#### 3.1 Equipment used

| No. | Equipment    | Company | Model No. | Serial No.                           | FCC ID/DoC | Comment |
|-----|--------------|---------|-----------|--------------------------------------|------------|---------|
| 1   | Mobile Phone | KYOCERA | EB1220    | 353379980000799,<br>3533799800008909 | JOYEB1220  | EUT     |
| 2   | AC Adapter   | KDDI    | 0602PQA   | N/A                                  | N/A        | *       |

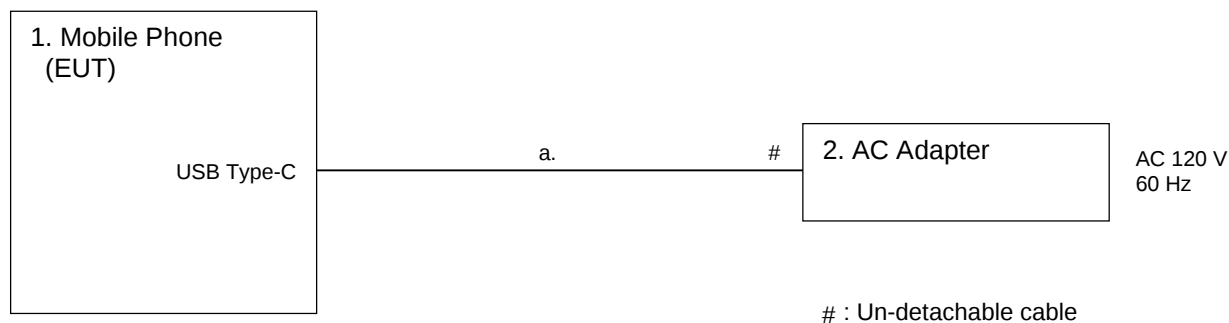
\*:AC power line Conducted Emission Test.

#### 3.2 Cable(s) used

| No. | Equipment                  | Length[m] | Shield | Connector | Comment |
|-----|----------------------------|-----------|--------|-----------|---------|
| a   | USB cable (for AC Adapter) | 1.5       | No     | Plastic   | *       |

\*:AC power line Conducted Emission Test.

#### 3.3 System configuration



## 4 Test Result

### 4.1 20dB Bandwidth

#### 4.1.1 Measurement procedure

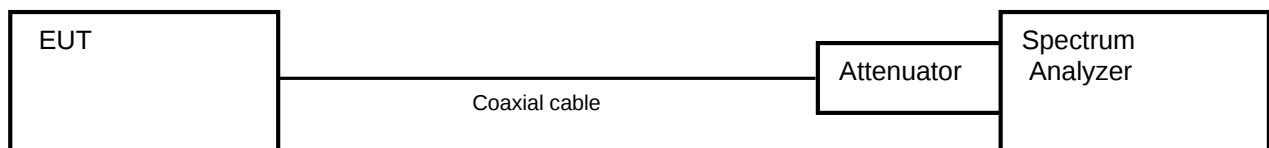
##### [FCC 15.247(a)(1)]

The bandwidth at 20 dB down from the highest inband spectral density is measured with spectrum analyzer connected to the antenna terminal, while EUT is operating in transmission mode at the appropriate center frequency.

The spectrum analyzer is set to;

- a) Span = 2-3 times the 20 dB bandwidth
- b) RBW  $\geq$  1% of the 20 dB bandwidth
- c) VBW  $\geq$  RBW
- d) Sweep time = auto-couple
- e) Detector = peak
- f) Trace mode = max hold

- Test configuration



#### 4.1.2 Limit

None

#### 4.1.3 Measurement result

Date : 14-November-2025  
 Temperature : 21.2 [°C]  
 Humidity : 52.1 [%]  
 Test place : Shielded room No.4

Test engineer : Kazunori Saito

Date : 17-November-2025  
 Temperature : 18.7 [°C]  
 Humidity : 45.7 [%]  
 Test place : Shielded room No.4

Test engineer : Kazunori Saito

##### [Chain 0]

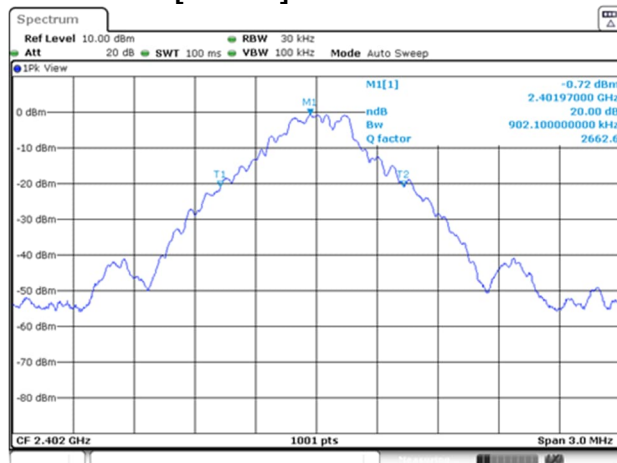
| Channel | Frequency (MHz) | 20dB bandwidth [MHz] |       |
|---------|-----------------|----------------------|-------|
|         |                 | DH5                  | 3DH5  |
| Low     | 2402            | 0.902                | 1.301 |
| Middle  | 2441            | 0.899                | 1.298 |
| High    | 2480            | 0.899                | 1.301 |

##### [Chain 1]

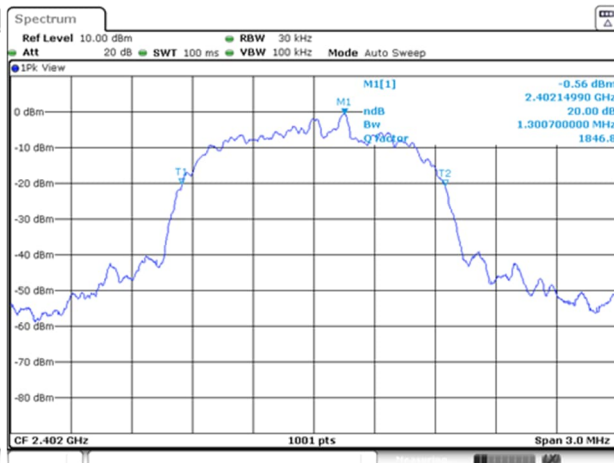
| Channel | Frequency (MHz) | 20dB bandwidth [MHz] |       |
|---------|-----------------|----------------------|-------|
|         |                 | DH5                  | 3DH5  |
| Low     | 2402            | 0.902                | 1.301 |
| Middle  | 2441            | 0.899                | 1.298 |
| High    | 2480            | 0.899                | 1.301 |

#### 4.1.4 Trace data

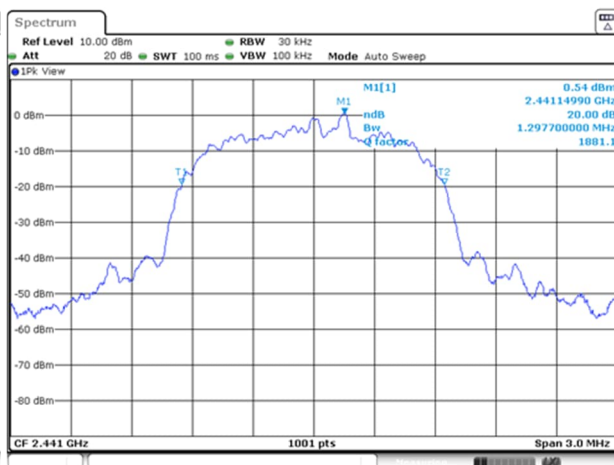
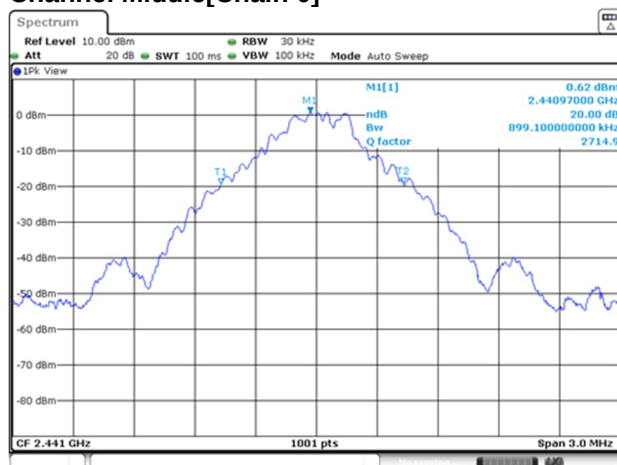
##### [DH5] Channel Low[Chain 0]



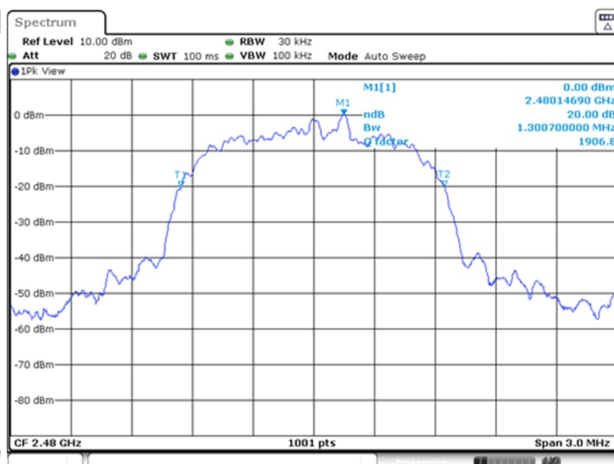
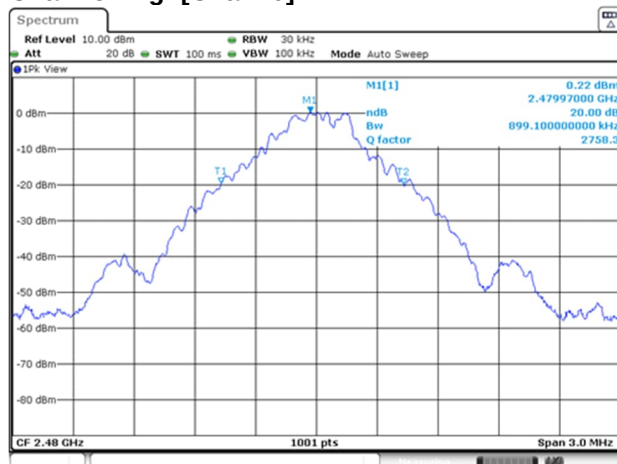
##### [3-DH5]



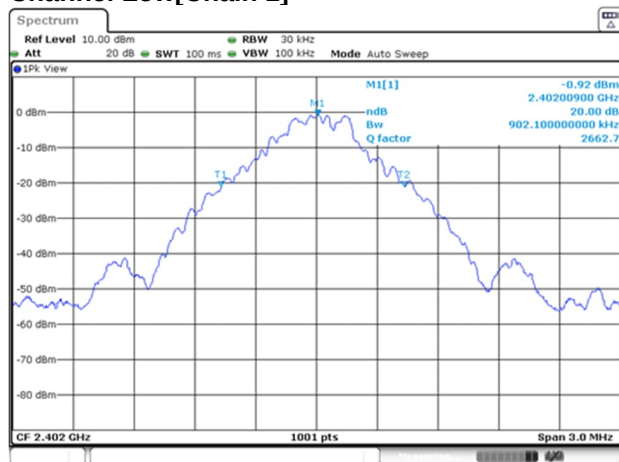
##### Channel Middle[Chain 0]



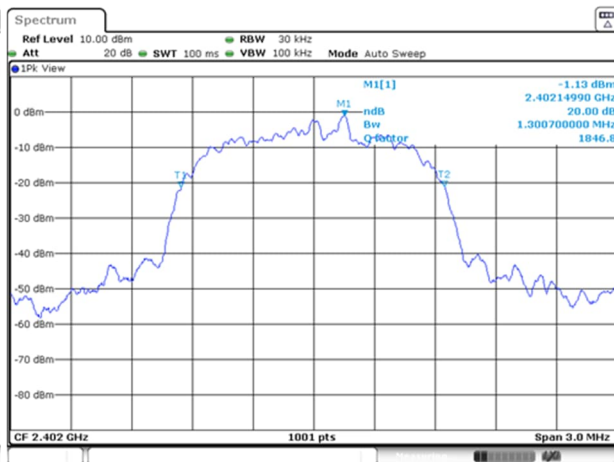
##### Channel High[Chain 0]



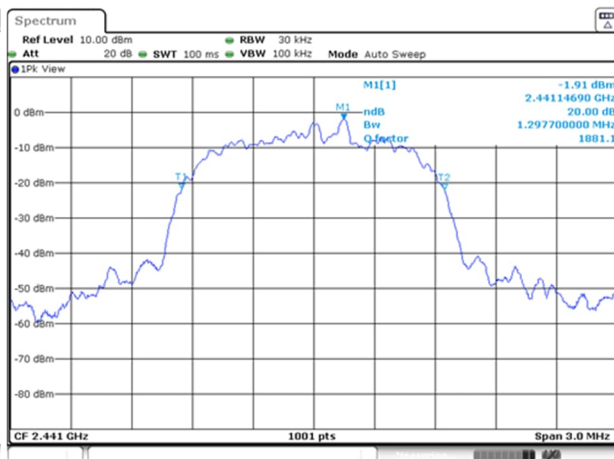
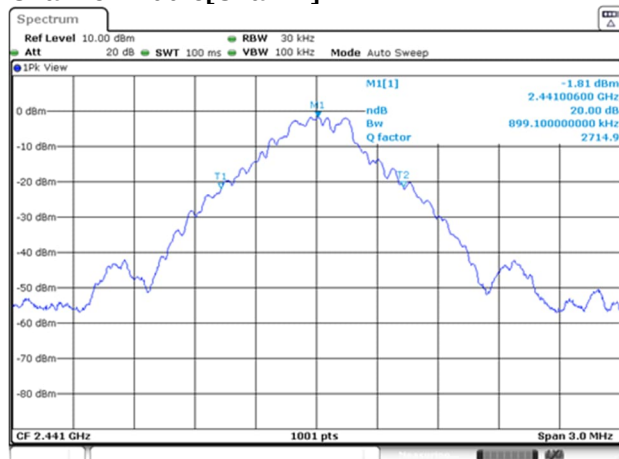
### [DH5] Channel Low[Chain 1]



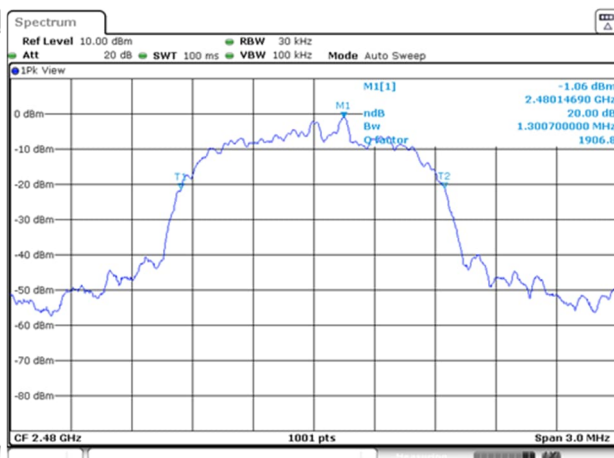
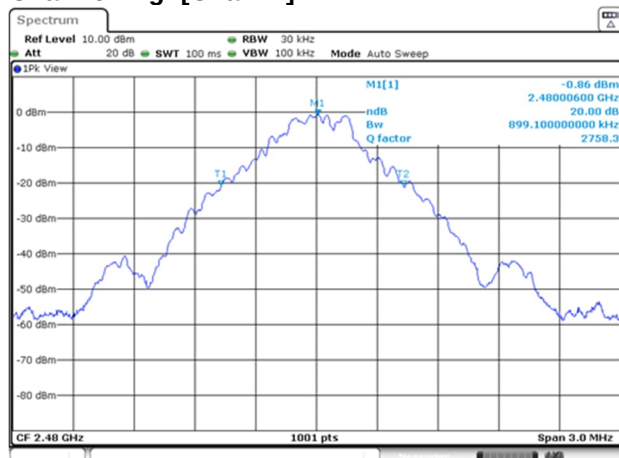
### [3-DH5]



### Channel Middle[Chain 1]



### Channel High[Chain 1]



## 4.2 Carrier Frequency Separation

### 4.2.1 Measurement procedure

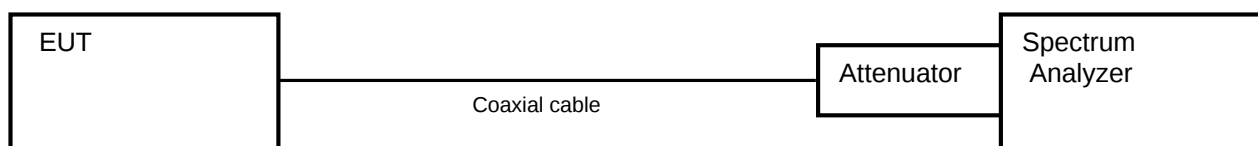
#### [FCC 15.247(a)(1)]

The adjacent channel interval is measured with a spectrum analyzer connected to the antenna terminal, while EUT is operating in transmission mode at the appropriate center frequency.

The spectrum analyzer is set to;

- g) Span = wide enough to capture the peaks of two adjacent channels
- h) RBW  $\geq$  1% of the span
- i) VBW  $\geq$  RBW
- j) Sweep time = auto-couple
- k) Detector = peak
- l) Trace mode = max hold

- Test configuration



### 4.2.2 Limit

System shall have hopping channel carrier frequencies separated by a minimum of, 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater.

### 4.2.3 Measurement result

Date : 14-November-2025  
 Temperature : 21.2 [°C]  
 Humidity : 52.1 [%]  
 Test place : Shielded room No.4

Test engineer : Kazunori Saito

Date : 17-November-2025  
 Temperature : 18.7 [°C]  
 Humidity : 45.7 [%]  
 Test place : Shielded room No.4

Test engineer : Kazunori Saito

**[Chain 0]**  
Battery Full

| Packet type | Channel separation (MHz) | Limit (MHz)                                | Result |
|-------------|--------------------------|--------------------------------------------|--------|
| DH5         | 1.001                    | >two-thirds of the 20dB Bandwidth = 601kHz | PASS   |
| 3-DH5       | 1.001                    | >two-thirds of the 20dB Bandwidth = 867kHz | PASS   |
| DH5(AFH)    | 1.001                    | >two-thirds of the 20dB Bandwidth = 601kHz | PASS   |
| 3-DH5(AFH)  | 1.001                    | >two-thirds of the 20dB Bandwidth = 867kHz | PASS   |

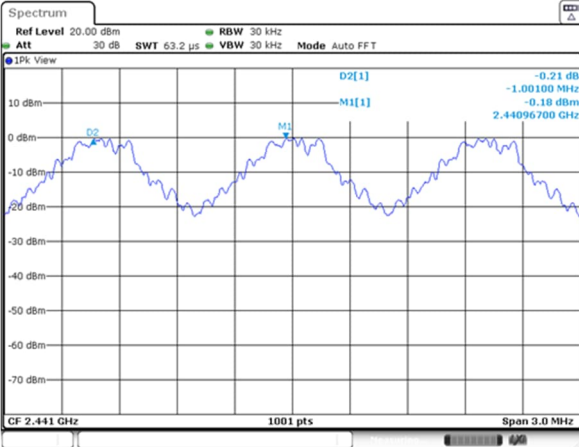
**[Chain 1]**  
Battery Full

| Packet type | Channel separation (MHz) | Limit (MHz)                                | Result |
|-------------|--------------------------|--------------------------------------------|--------|
| DH5         | 1.001                    | >two-thirds of the 20dB Bandwidth = 601kHz | PASS   |
| 3-DH5       | 1.001                    | >two-thirds of the 20dB Bandwidth = 867kHz | PASS   |
| DH5(AFH)    | 1.001                    | >two-thirds of the 20dB Bandwidth = 601kHz | PASS   |
| 3-DH5(AFH)  | 1.001                    | >two-thirds of the 20dB Bandwidth = 867kHz | PASS   |

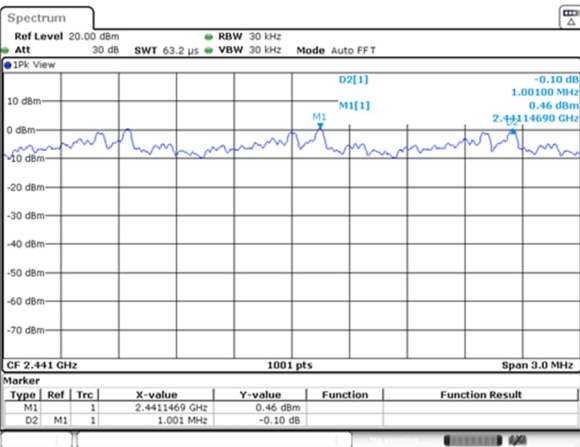
#### 4.2.4 Trace data

[Chain 0]

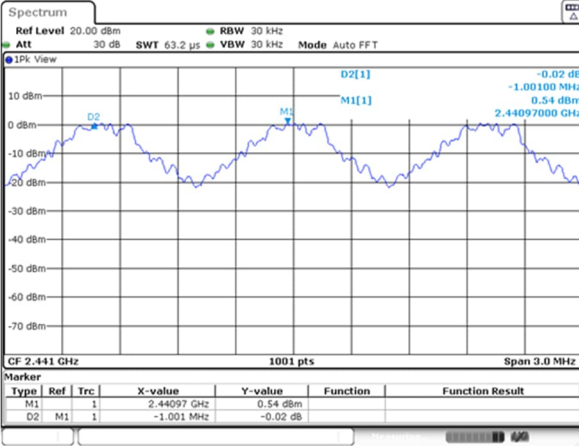
DH5



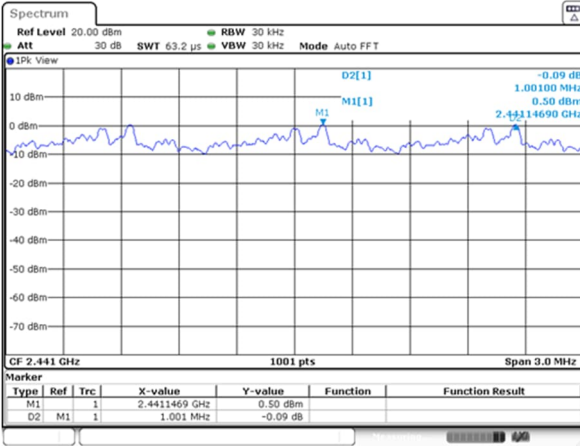
3-DH5

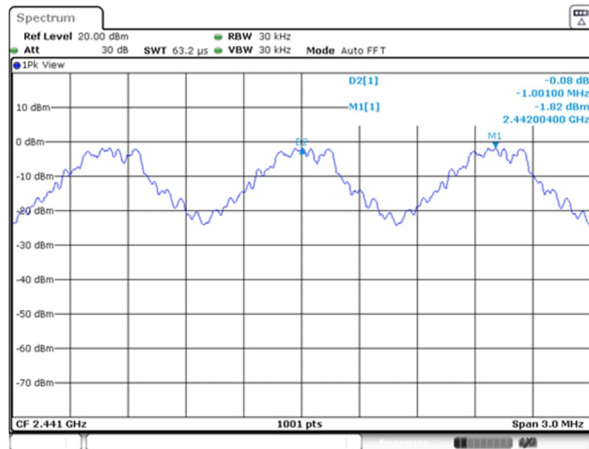
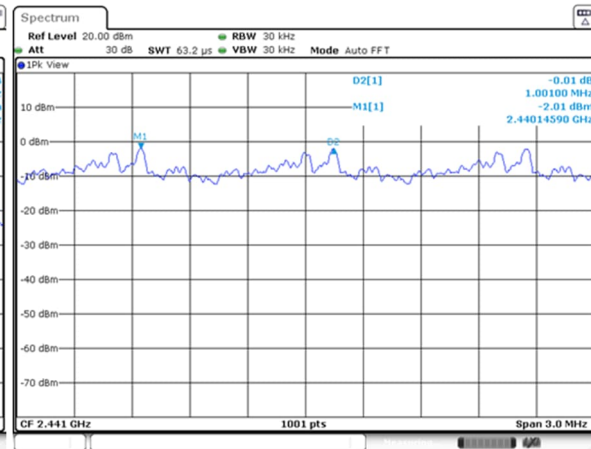
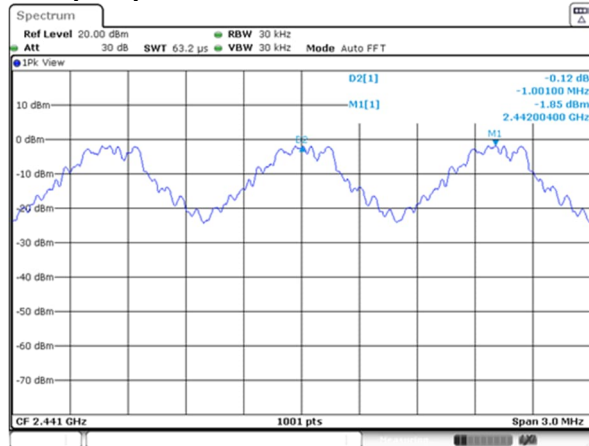
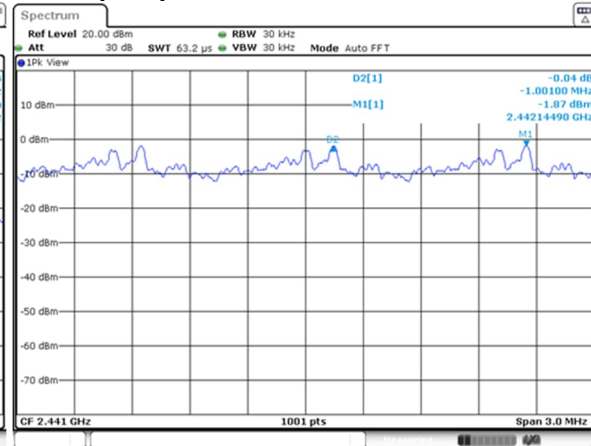


DH5 (AFH)



3-DH5 (AFH)



**[Chain 1]  
DH5****3-DH5****DH5 (AFH)****3-DH5 (AFH)**

### 4.3 Number of Hopping Frequencies

#### 4.3.1 Measurement procedure

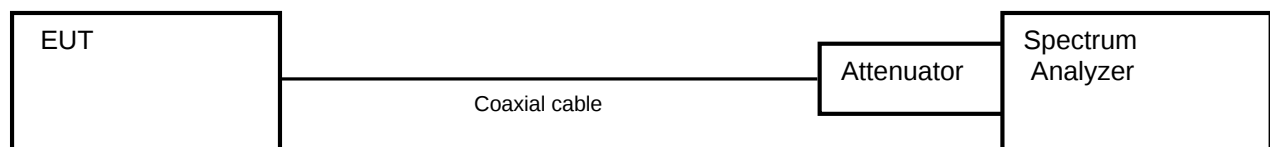
##### [FCC 15.247(a)(1)(iii)]

The number of hopping channels is measured with a spectrum analyzer connected to the antenna terminal, while EUT is operating in transmission mode at the appropriate center frequency.

The spectrum analyzer is set to;

- a) Span = the frequency band of operation
- b) RBW  $\geq$  1% of the Span
- c) VBW  $\geq$  RBW
- d) Sweep time = auto-couple
- e) Detector = peak
- f) Trace mode = max hold

- Test configuration



#### 4.3.2 Limit

Shall have more than 15 channels.

#### 4.3.3 Measurement result

Date : 14-November-2025  
 Temperature : 21.2 [°C]  
 Humidity : 52.1 [%]  
 Test place : Shielded room No.4

Test engineer : Kazunori Saito

Date : 17-November-2025  
 Temperature : 18.7 [°C]  
 Humidity : 45.7 [%]  
 Test place : Shielded room No.4

Test engineer : Kazunori Saito

##### FHSS

| Number of channels | Limit             | Result |
|--------------------|-------------------|--------|
| 79                 | $\geq 15$ channel | PASS   |

##### AFH

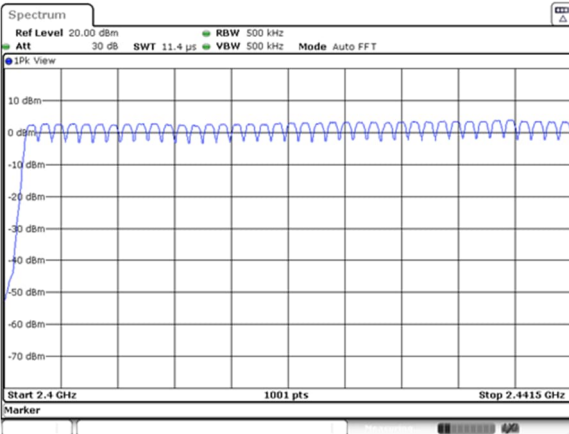
| Channel | Number of channels | Limit             | Result |
|---------|--------------------|-------------------|--------|
| Low     | 20                 | $\geq 15$ channel | PASS   |
| Middle  | 20                 | $\geq 15$ channel | PASS   |
| High    | 20                 | $\geq 15$ channel | PASS   |

#### 4.3.4 Trace data

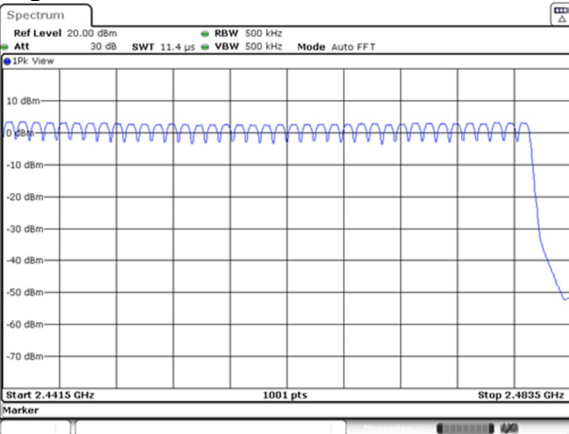
[Chain 0]

[DH5]

Low

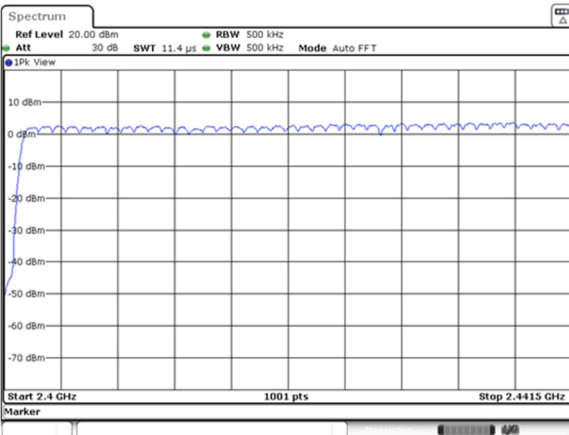


High

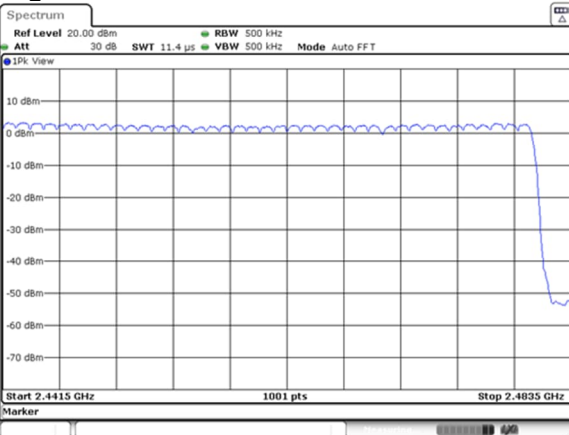


[3-DH5]

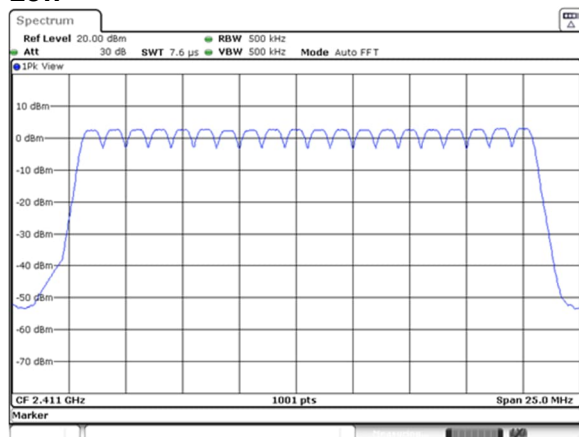
Low



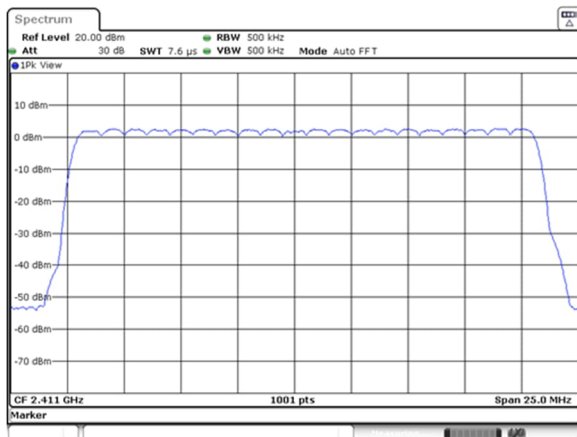
High



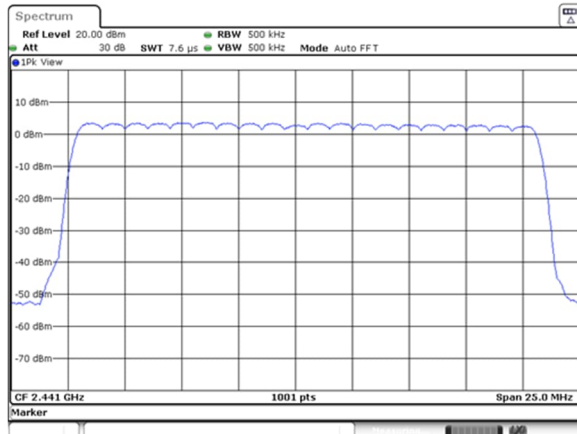
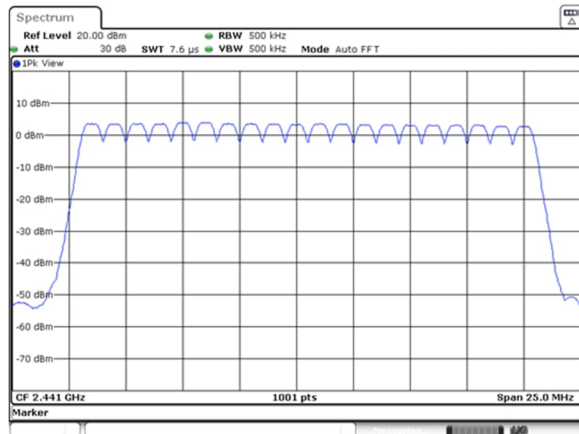
[Chain 0]  
[DH5(AFH)]  
Low



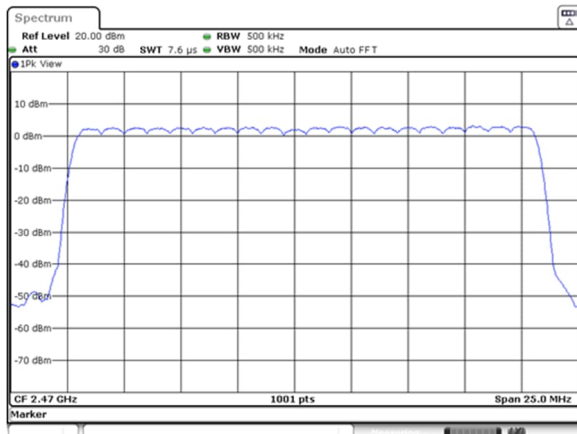
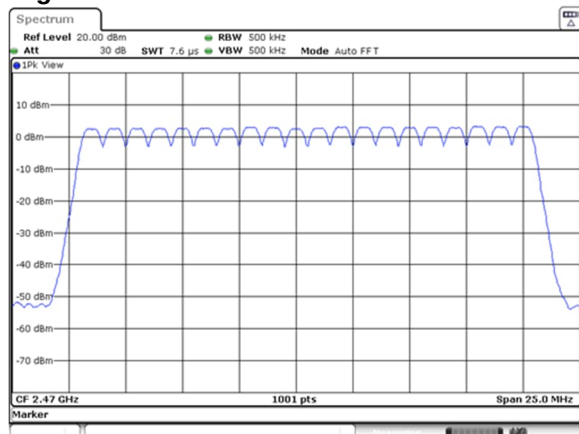
[3-DH5(AFH)]



Middle



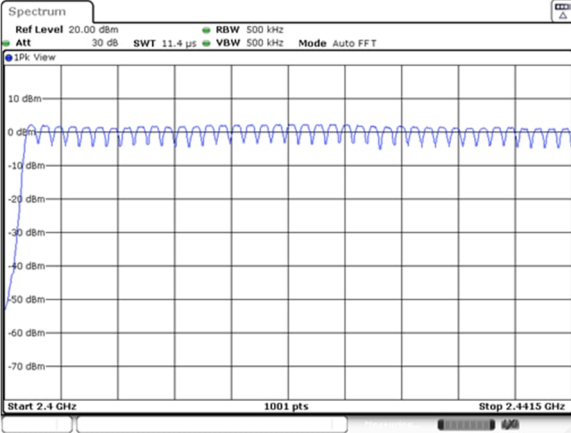
High



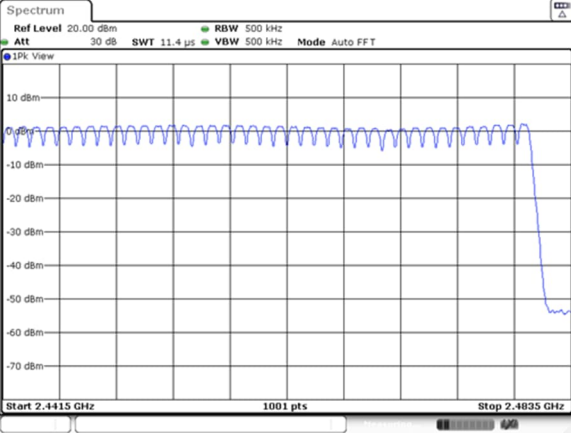
[Chain 1]

[DH5]

Low



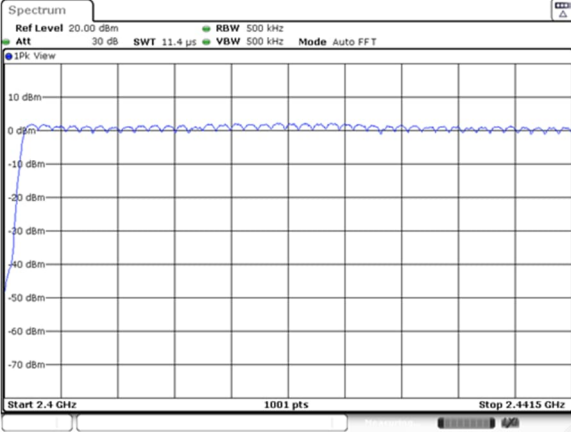
High



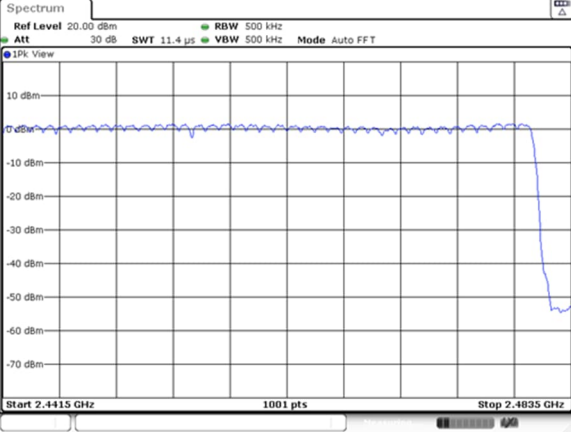
[Chain 1]

[3-DH5]

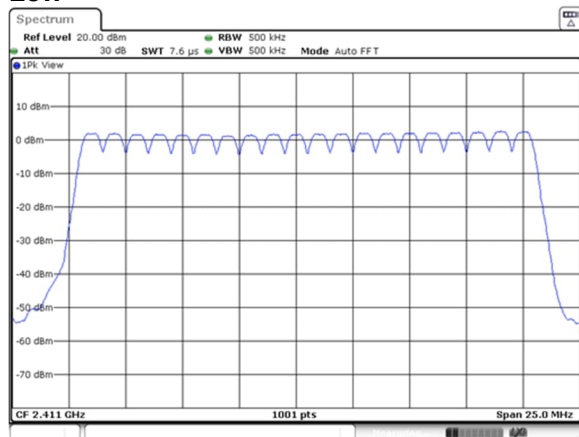
Low



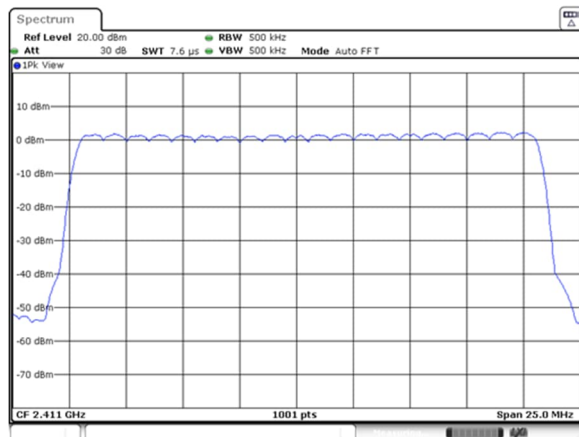
High



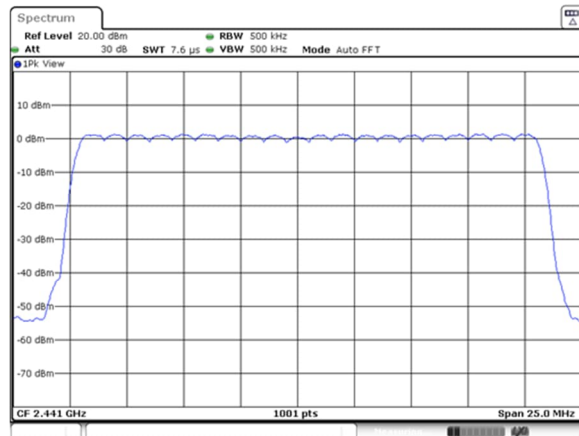
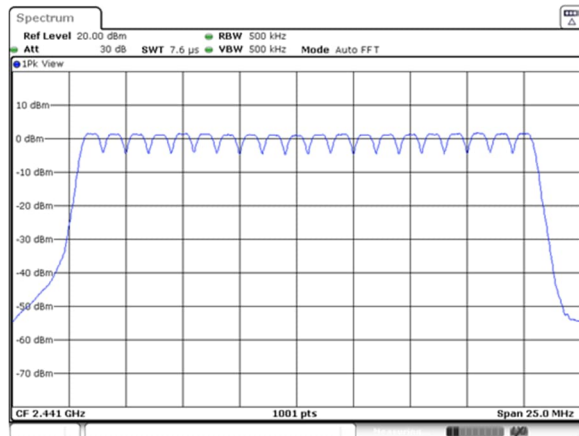
[Chain 1]  
[DH5(AFH)]  
Low



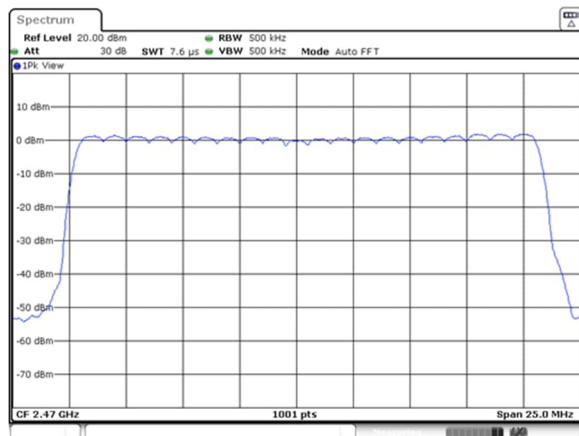
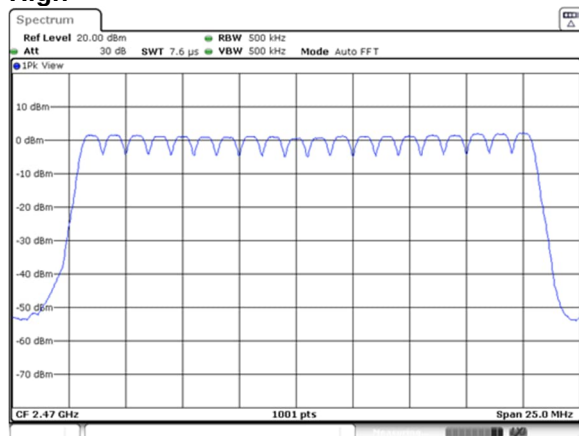
[3-DH5(AFH)]



Middle



High



#### 4.4 Time of Occupancy (Dwell Time)

##### 4.4.1 Measurement procedure

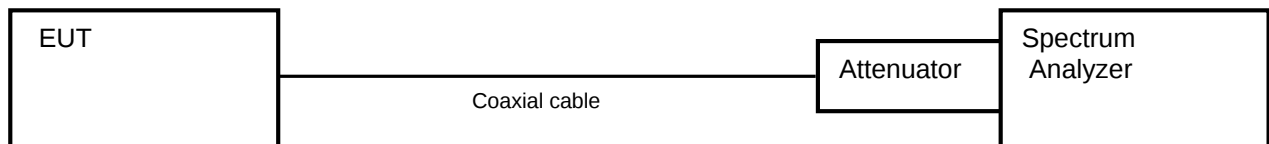
###### [FCC 15.247(a)(1)(iii)]

The time occupancy of hopping channel is measured with a spectrum analyzer connected to the antenna terminal, while EUT is operating in transmission mode at the appropriate center frequency.

The spectrum analyzer is set to;

- a) Span = Zero span, centered on a hopping channel
- b) RBW = 1 MHz
- c) VBW  $\geq$  RBW
- d) Sweep time = auto-couple
- e) Detector = peak
- f) Trace mode = Single

- Test configuration



##### 4.4.2 Limit

The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.

##### 4.4.3 Measurement result

Date : 14-November-2025  
 Temperature : 21.2 [°C]  
 Humidity : 52.1 [%]  
 Test place : Shielded room No.4

Test engineer : Kazunori Saito

Date : 17-November-2025  
 Temperature : 18.7 [°C]  
 Humidity : 45.7 [%]  
 Test place : Shielded room No.4

Test engineer : Kazunori Saito

**[Chain 0]**  
**FHSS**

| Packet type | Channel | Frequency (MHz) | Dwell time (ms) | Occupancy time of 31.6 seconds (s) | Limit | Result |
|-------------|---------|-----------------|-----------------|------------------------------------|-------|--------|
| DH5         | Low     | 2402            | 2.884           | 0.308                              | <0.4s | PASS   |
|             | Middle  | 2441            | 2.884           | 0.308                              | <0.4s | PASS   |
|             | High    | 2480            | 2.884           | 0.308                              | <0.4s | PASS   |
| 3-DH5       | Low     | 2402            | 2.884           | 0.308                              | <0.4s | PASS   |
|             | Middle  | 2441            | 2.884           | 0.308                              | <0.4s | PASS   |
|             | High    | 2480            | 2.884           | 0.308                              | <0.4s | PASS   |

**AFH**

| Packet type | Channel | Frequency (MHz) | Dwell time (ms) | Occupancy time of 8 seconds (s) | Limit | Result |
|-------------|---------|-----------------|-----------------|---------------------------------|-------|--------|
| DH5         | Low     | 2402            | 2.884           | 0.154                           | <0.4s | PASS   |
|             | Middle  | 2441            | 2.884           | 0.154                           | <0.4s | PASS   |
|             | High    | 2480            | 2.884           | 0.154                           | <0.4s | PASS   |
| 3-DH5       | Low     | 2402            | 2.884           | 0.154                           | <0.4s | PASS   |
|             | Middle  | 2441            | 2.884           | 0.154                           | <0.4s | PASS   |
|             | High    | 2480            | 2.884           | 0.154                           | <0.4s | PASS   |

**FHSS**

DH5/3-DH5 = Dwell time (ms) x 1600 / 6 / 79 x 31.6

**AFH**

DH5/3-DH5 = Dwell time (ms) x 800 / 6 / 20 x 8

**[Chain 1]  
FHSS**

| Packet type | Channel | Frequency (MHz) | Dwell time (ms) | Occupancy time of 31.6 seconds (s) | Limit | Result |
|-------------|---------|-----------------|-----------------|------------------------------------|-------|--------|
| DH5         | Low     | 2402            | 2.884           | 0.308                              | <0.4s | PASS   |
|             | Middle  | 2441            | 2.884           | 0.308                              | <0.4s | PASS   |
|             | High    | 2480            | 2.884           | 0.308                              | <0.4s | PASS   |
| 3-DH5       | Low     | 2402            | 2.884           | 0.308                              | <0.4s | PASS   |
|             | Middle  | 2441            | 2.884           | 0.308                              | <0.4s | PASS   |
|             | High    | 2480            | 2.884           | 0.308                              | <0.4s | PASS   |

**AFH**

| Packet type | Channel | Frequency (MHz) | Dwell time (ms) | Occupancy time of 8 seconds (s) | Limit | Result |
|-------------|---------|-----------------|-----------------|---------------------------------|-------|--------|
| DH5         | Low     | 2402            | 2.884           | 0.154                           | <0.4s | PASS   |
|             | Middle  | 2441            | 2.884           | 0.154                           | <0.4s | PASS   |
|             | High    | 2480            | 2.884           | 0.154                           | <0.4s | PASS   |
| 3-DH5       | Low     | 2402            | 2.884           | 0.154                           | <0.4s | PASS   |
|             | Middle  | 2441            | 2.884           | 0.154                           | <0.4s | PASS   |
|             | High    | 2480            | 2.884           | 0.154                           | <0.4s | PASS   |

**FHSS**

DH5/3-DH5 = Dwell time (ms) x 1600 / 6 / 79 x 31.6

**AFH**

DH5/3-DH5 = Dwell time (ms) x 800 / 6 / 20 x 8

The hopping rates of Bluetooth devices change with different types of payload. The longer the payload is, the slower the hopping rate. The hopping rate scenario is defined in Bluetooth core specification.

Calculation:

Occupancy time of 31.6 seconds\* = time domain slot length x hop rate / number of hopper channel / 79 / x 31.6

Ex.) for FHSS mode Channel Low, 3-DH5 = 2.890ms x 1600 / 6 / 79 x 31.6 = 308ms

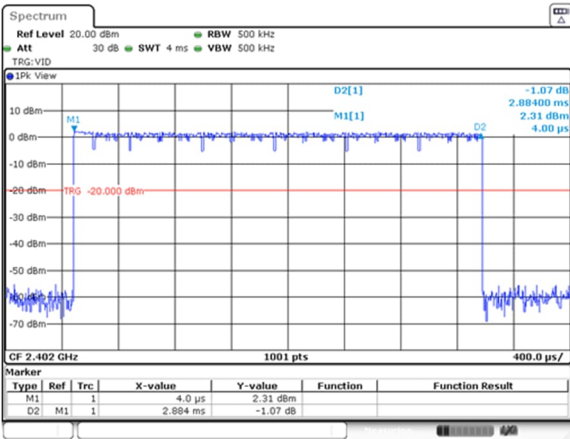
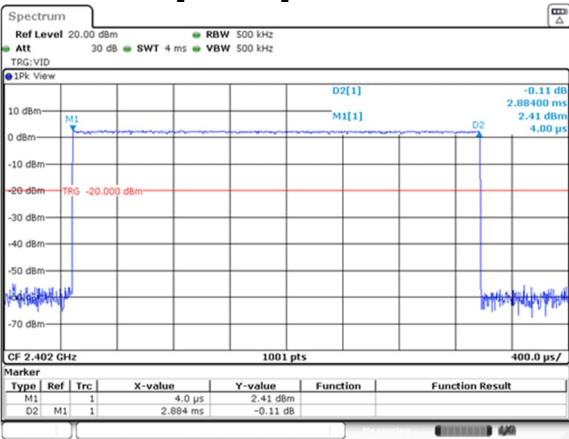
#### 4.4.4 Trace data

FHSS

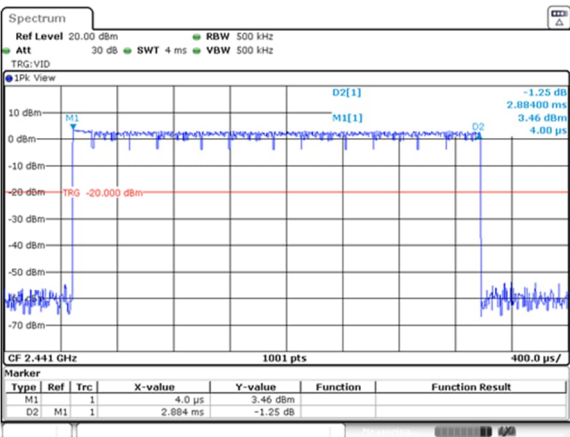
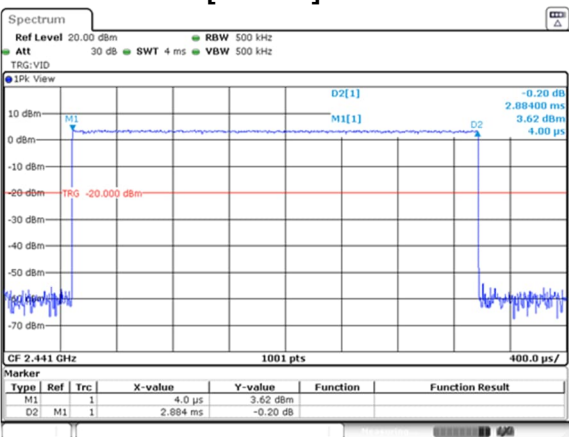
[DH5]

Channel: Low[Chain 0]

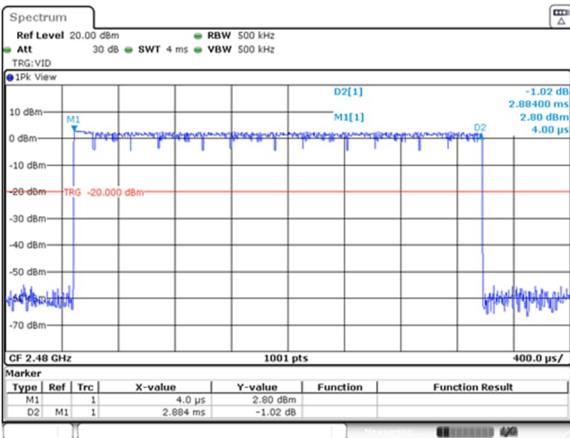
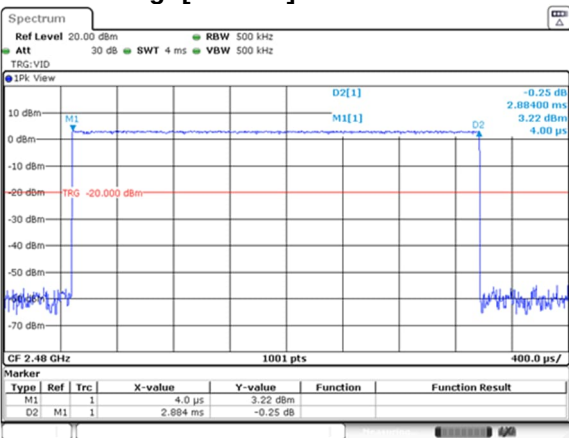
[3-DH5]



Channel: Middle[Chain 0]



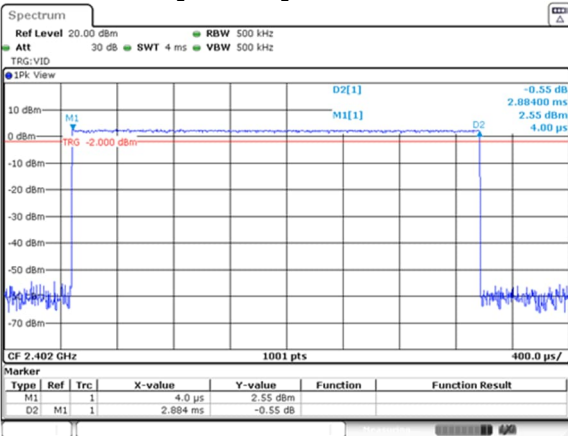
Channel: High[Chain 0]



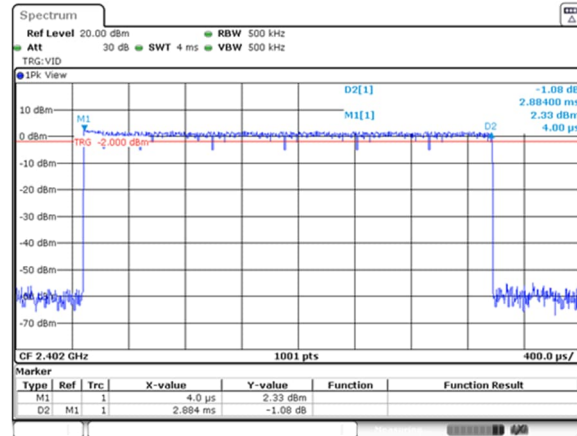
FHSS\_AFH

[DH5]

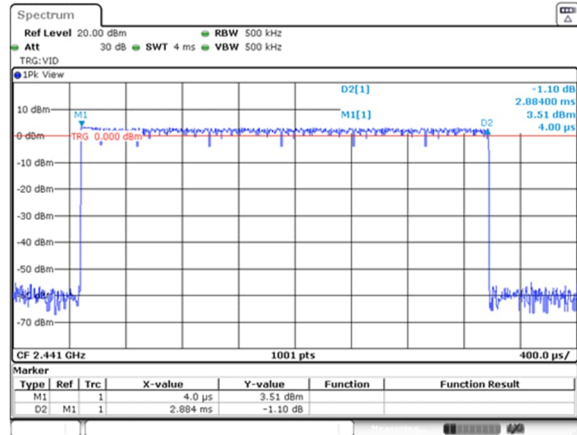
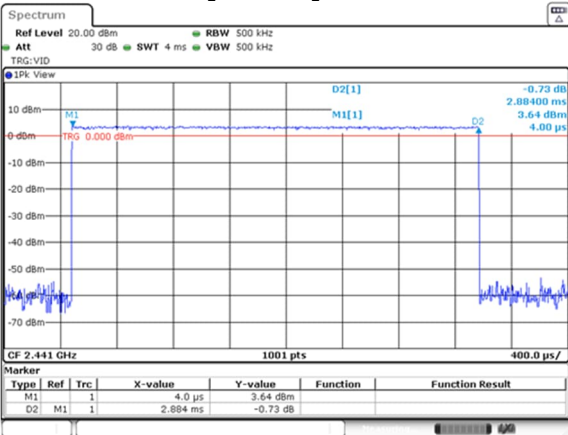
Channel: Low[Chain 0]



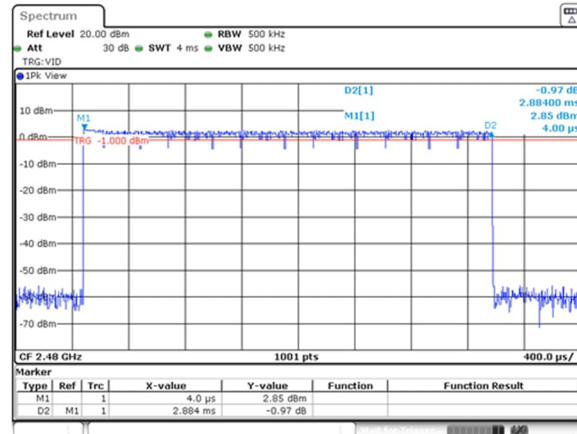
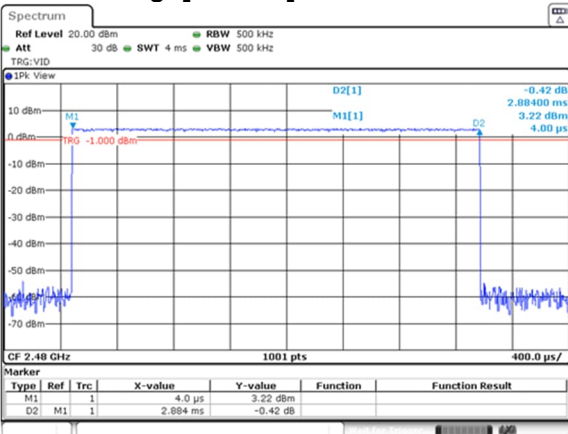
[3-DH5]



Channel: Middle[Chain 0]

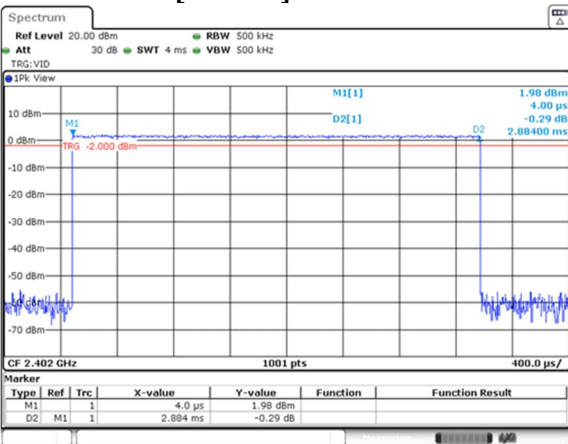


Channel: High[Chain 0]

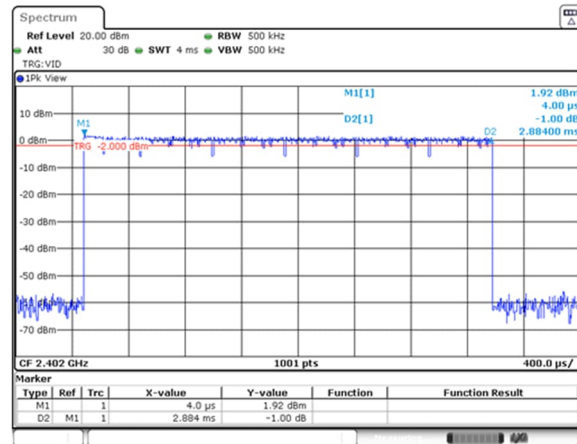




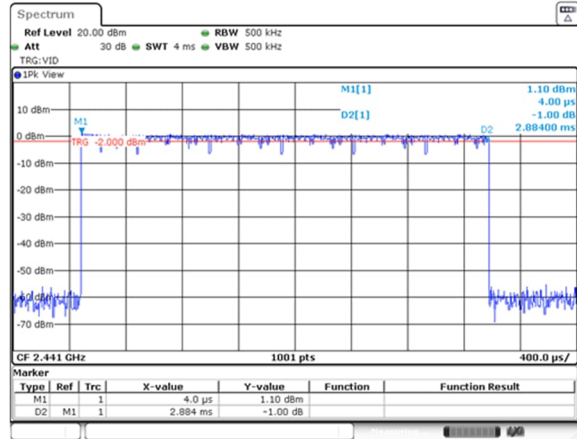
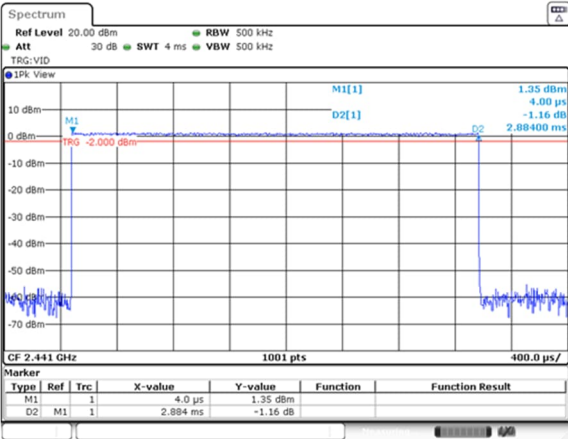
**FHSS\_AFH**  
**[DH5]**  
**Channel: Low[Chain 1]**



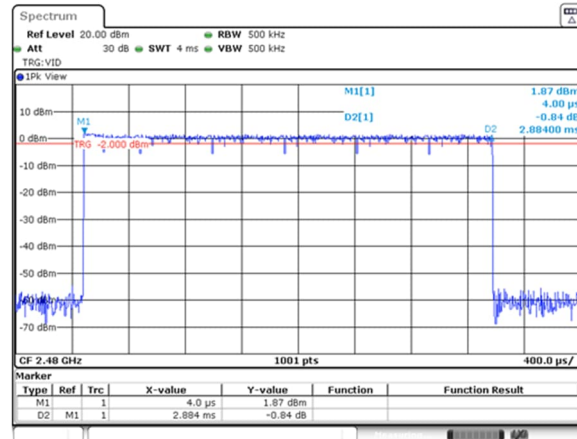
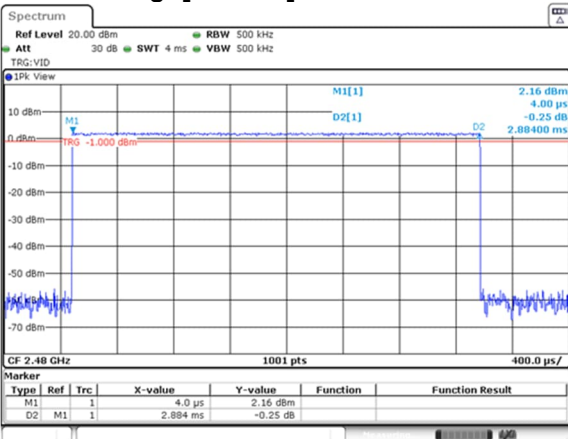
**[3-DH5]**



**Channel: Middle[Chain 1]**



**Channel: High[Chain 1]**



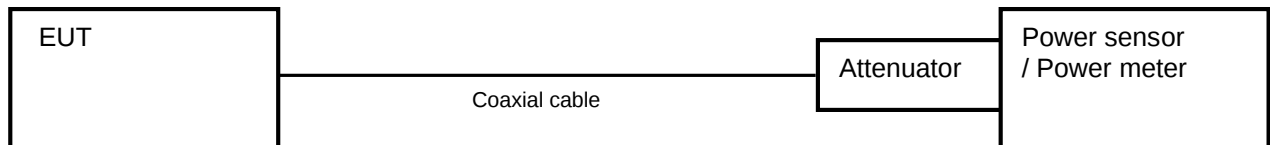
## 4.5 Maximum Peak Output Power

### 4.5.1 Measurement procedure

#### [FCC 15.247(b)(1)]

The peak power is measured with a power sensor connected to the antenna terminal, while EUT is operating in transmission mode at the appropriate center frequency.

- Test configuration



### 4.5.2 Limit

0.125 W or less

#### 4.5.3 Measurement result

Date : 14-November-2025  
 Temperature : 21.2 [°C]  
 Humidity : 52.1 [%]  
 Test place : Shielded room No.4

Test engineer : Kazunori Saito

Date : 17-November-2025  
 Temperature : 18.7 [°C]  
 Humidity : 45.7 [%]  
 Test place : Shielded room No.4

Test engineer : Kazunori Saito

##### [Chain 0]

| Packet type | Channel | Center Frequency (MHz) | Reading (dBm) | Factor (dB) | Level (dBm) | Peak Output Power (mW) | Limit (mW) | Result |
|-------------|---------|------------------------|---------------|-------------|-------------|------------------------|------------|--------|
| DH5         | Low     | 2402                   | 2.22          | 10.52       | 12.74       | 18.793                 | $\leq 125$ | PASS   |
|             | Middle  | 2441                   | 3.34          | 10.52       | 13.86       | 24.322                 | $\leq 125$ | PASS   |
|             | High    | 2480                   | 2.78          | 10.52       | 13.30       | 21.380                 | $\leq 125$ | PASS   |
| 3-DH5       | Low     | 2402                   | 4.20          | 10.52       | 14.72       | 29.648                 | $\leq 125$ | PASS   |
|             | Middle  | 2441                   | 5.33          | 10.52       | 15.85       | 38.459                 | $\leq 125$ | PASS   |
|             | High    | 2480                   | 4.67          | 10.52       | 15.19       | 33.037                 | $\leq 125$ | PASS   |

##### [Chain 1]

| Packet type | Channel | Center Frequency (MHz) | Reading (dBm) | Factor (dB) | Level (dBm) | Peak Output Power (mW) | Limit (mW) | Result |
|-------------|---------|------------------------|---------------|-------------|-------------|------------------------|------------|--------|
| DH5         | Low     | 2402                   | 2.41          | 10.52       | 12.93       | 19.634                 | $\leq 125$ | PASS   |
|             | Middle  | 2441                   | 1.66          | 10.52       | 12.18       | 16.520                 | $\leq 125$ | PASS   |
|             | High    | 2480                   | 2.55          | 10.52       | 13.07       | 20.277                 | $\leq 125$ | PASS   |
| 3-DH5       | Low     | 2402                   | 4.26          | 10.52       | 14.78       | 30.061                 | $\leq 125$ | PASS   |
|             | Middle  | 2441                   | 3.54          | 10.52       | 14.06       | 25.468                 | $\leq 125$ | PASS   |
|             | High    | 2480                   | 4.36          | 10.52       | 14.88       | 30.761                 | $\leq 125$ | PASS   |

Calculation;

Reading (dBm) + Factor (dB) = Level (dBm)

$10\log P = \text{Level (dBm)}$

$P = 10^{(\text{Maximum Peak Output Power} / 10)} \text{ (mW)}$

## 4.6 Band Edge Compliance of RF Conducted Emissions

### 4.6.1 Measurement procedure

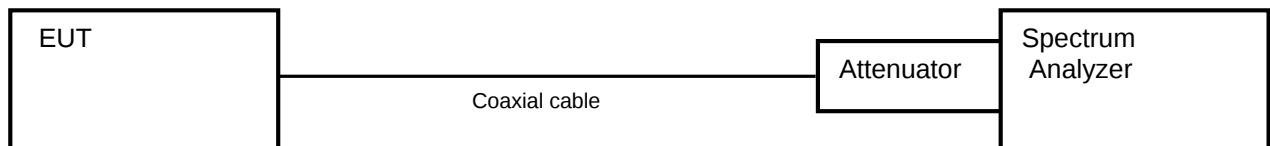
#### [FCC 15.247(d)]

The Band Edge is measured with a spectrum analyzer connected to the antenna terminal, while EUT is operating in transmission mode at the appropriate center frequency.

The spectrum analyzer is set to;

- a) Span = Arbitrary setting.(Setting suitable for measurement.)
- b) RBW = 1 % of the span
- c) VBW  $\geq$  RBW
- d) Sweep time = auto-couple
- e) Detector = peak
- f) Trace mode = max hold

- Test configuration



### 4.6.2 Limit

In any 100kHz bandwidth outside the frequency band the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power.

#### 4.6.3 Measurement result

Date : 14-November-2025  
 Temperature : 21.2 [°C]  
 Humidity : 52.1 [%]  
 Test place : Shielded room No.4

Test engineer : Kazunori Saito

Date : 17-November-2025  
 Temperature : 18.7 [°C]  
 Humidity : 45.7 [%]  
 Test place : Shielded room No.4

Test engineer : Kazunori Saito

##### [Hopping] [Chain 0]

| Packet type | Channel | Frequency (MHz) | RF Power Level (dBm) | Band-edge Frequency (MHz) | Band-edge Level (dBm) | Difference Level (dBm) | Limit (dBm)                         | Result |
|-------------|---------|-----------------|----------------------|---------------------------|-----------------------|------------------------|-------------------------------------|--------|
| DH5         | Low     | 2402            | 2.951                | 2377.972                  | -57.736               | -17.049                | At least 20dB below from peak of RF | PASS   |
|             | High    | 2480            | 2.646                | 2494.789                  | -57.561               | -17.354                | At least 20dB below from peak of RF | PASS   |
| 3-DH5       | Low     | 2402            | 2.270                | 2399.950                  | -57.064               | -17.730                | At least 20dB below from peak of RF | PASS   |
|             | High    | 2480            | 2.818                | 2507.326                  | -57.286               | -17.182                | At least 20dB below from peak of RF | PASS   |

##### [No Hopping] [Chain 0]

| Packet type | Channel | Frequency (MHz) | RF Power Level (dBm) | Band-edge Frequency (MHz) | Band-edge Level (dBm) | Difference Level (dBm) | Limit (dBm)                         | Result |
|-------------|---------|-----------------|----------------------|---------------------------|-----------------------|------------------------|-------------------------------------|--------|
| DH5         | Low     | 2402            | 2.192                | 2384.815                  | -57.774               | -17.808                | At least 20dB below from peak of RF | PASS   |
|             | High    | 2480            | 2.438                | 2487.196                  | -57.684               | -17.562                | At least 20dB below from peak of RF | PASS   |
| 3-DH5       | Low     | 2402            | 2.004                | 2399.950                  | -55.725               | -17.996                | At least 20dB below from peak of RF | PASS   |
|             | High    | 2480            | 2.632                | 2506.627                  | -57.644               | -17.368                | At least 20dB below from peak of RF | PASS   |

##### [Hopping] [Chain 1]

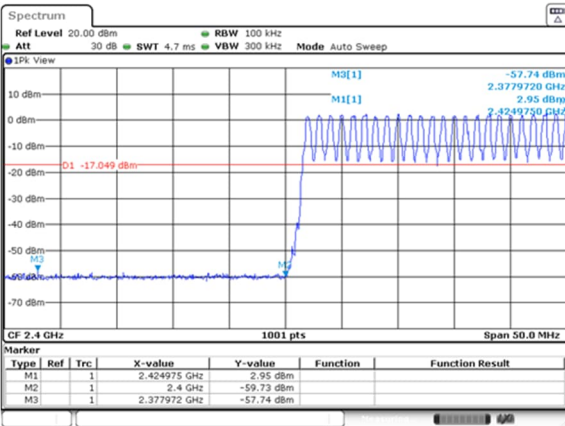
| Packet type | Channel | Frequency (MHz) | RF Power Level (dBm) | Band-edge Frequency (MHz) | Band-edge Level (dBm) | Difference Level (dBm) | Limit (dBm)                         | Result |
|-------------|---------|-----------------|----------------------|---------------------------|-----------------------|------------------------|-------------------------------------|--------|
| DH5         | Low     | 2402            | 2.106                | 2394.256                  | -58.539               | -17.894                | At least 20dB below from peak of RF | PASS   |
|             | High    | 2480            | 1.495                | 2498.235                  | -57.908               | -18.505                | At least 20dB below from peak of RF | PASS   |
| 3-DH5       | Low     | 2402            | 1.803                | 2399.850                  | -56.915               | -18.197                | At least 20dB below from peak of RF | PASS   |
|             | High    | 2480            | 2.046                | 2499.734                  | -58.673               | -17.954                | At least 20dB below from peak of RF | PASS   |

##### [No Hopping] [Chain 1]

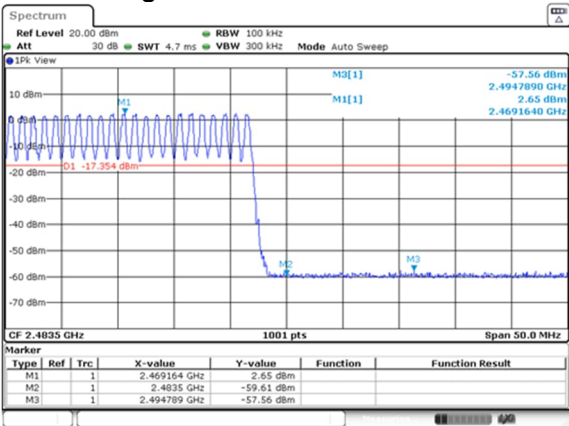
| Packet type | Channel | Frequency (MHz) | RF Power Level (dBm) | Band-edge Frequency (MHz) | Band-edge Level (dBm) | Difference Level (dBm) | Limit (dBm)                         | Result |
|-------------|---------|-----------------|----------------------|---------------------------|-----------------------|------------------------|-------------------------------------|--------|
| DH5         | Low     | 2402            | 1.970                | 2393.856                  | -58.459               | -18.030                | At least 20dB below from peak of RF | PASS   |
|             | High    | 2480            | 1.342                | 2490.293                  | -58.489               | -18.658                | At least 20dB below from peak of RF | PASS   |
| 3-DH5       | Low     | 2402            | 1.633                | 2399.850                  | -57.659               | -18.367                | At least 20dB below from peak of RF | PASS   |
|             | High    | 2480            | 1.629                | 2494.039                  | -58.693               | -18.371                | At least 20dB below from peak of RF | PASS   |

#### 4.6.4 Trace data

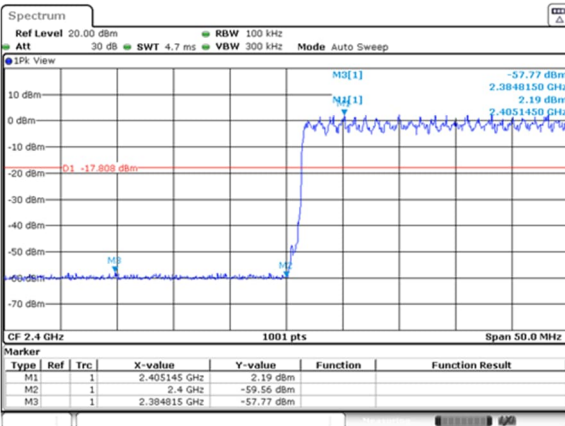
[Hopping]  
DH5[Chain 0]  
Channel Low



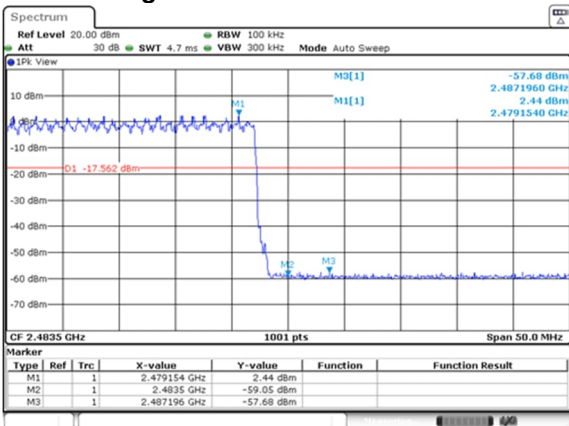
Channel High



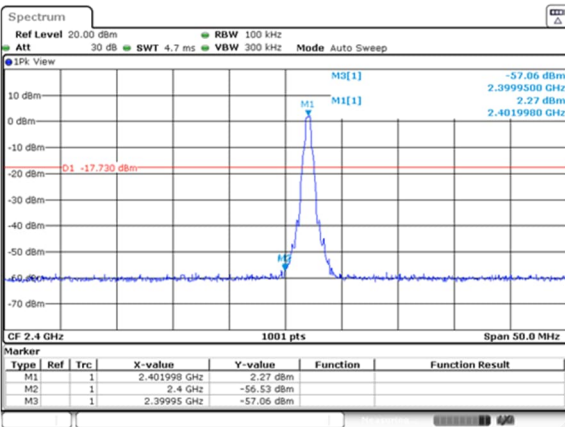
3DH5[Chain 0]  
Channel Low



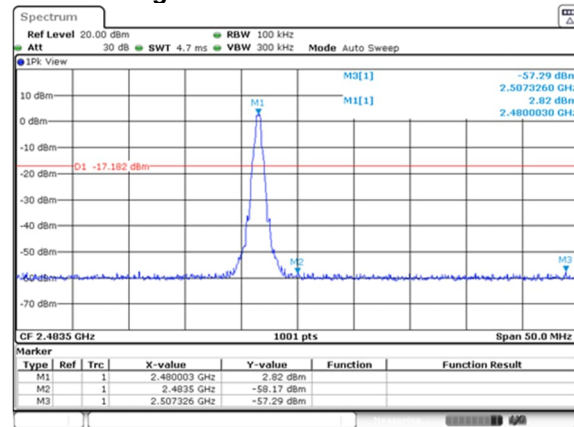
Channel High



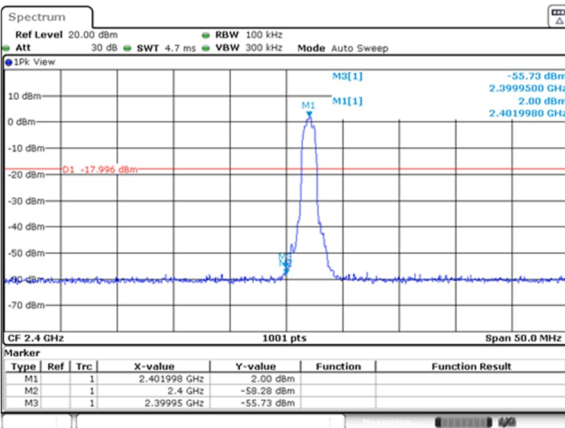
[No Hopping]  
DH5[Chain 0]  
Channel Low



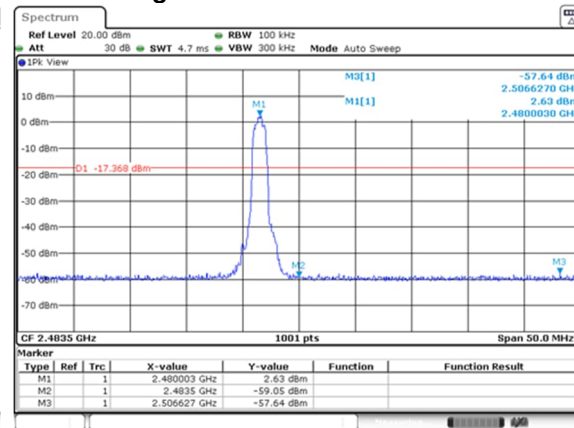
Channel High



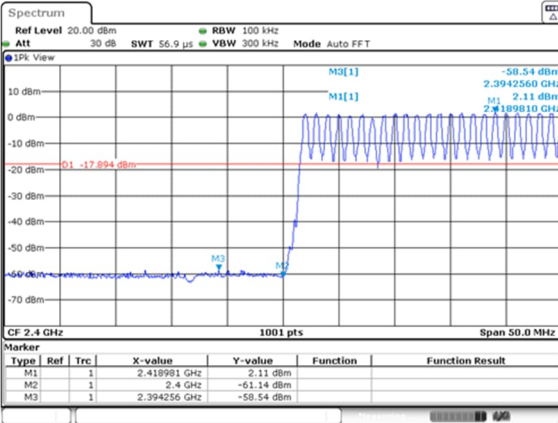
3DH5[Chain 0]  
Channel Low



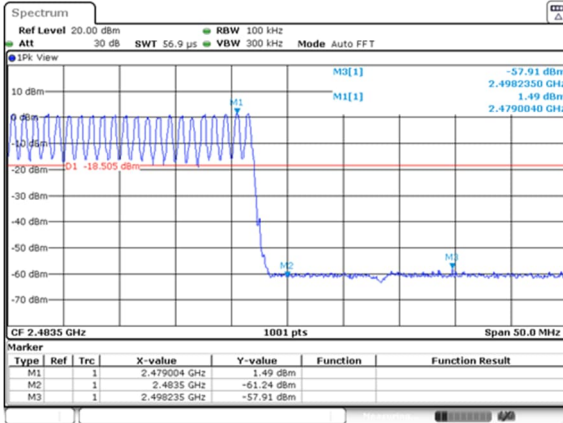
Channel High



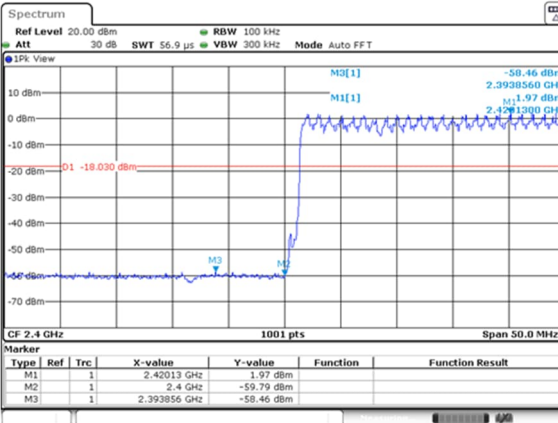
[Hopping]  
DH5[Chain 1]  
Channel Low



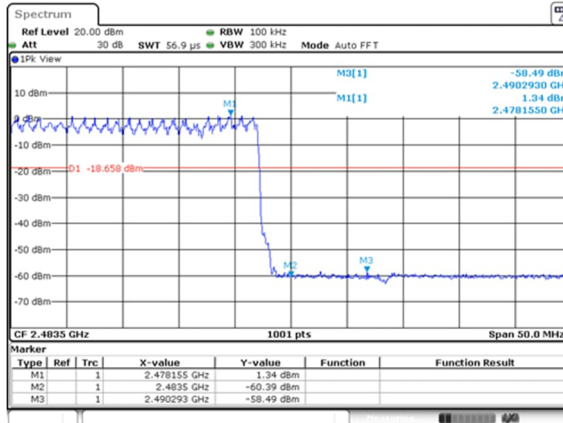
Channel High



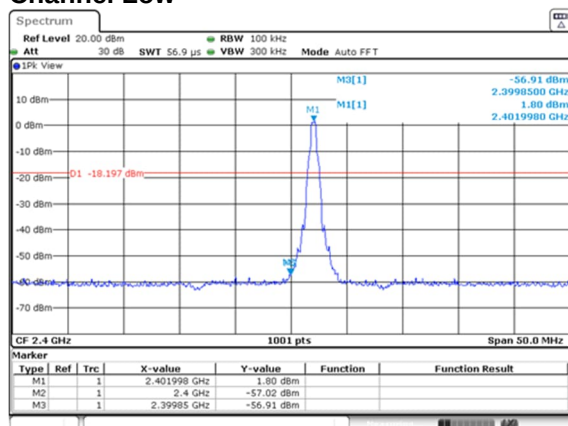
3DH5[Chain 1]  
Channel Low



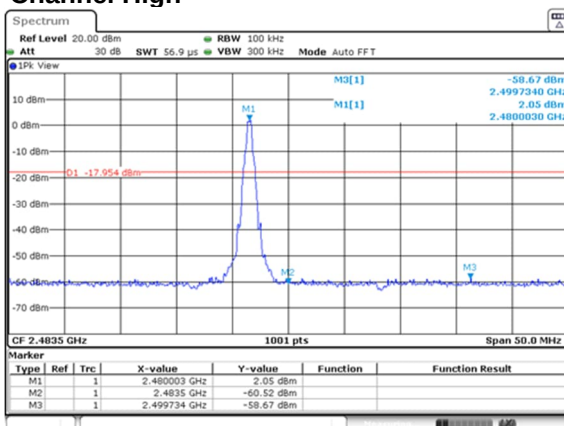
Channel High



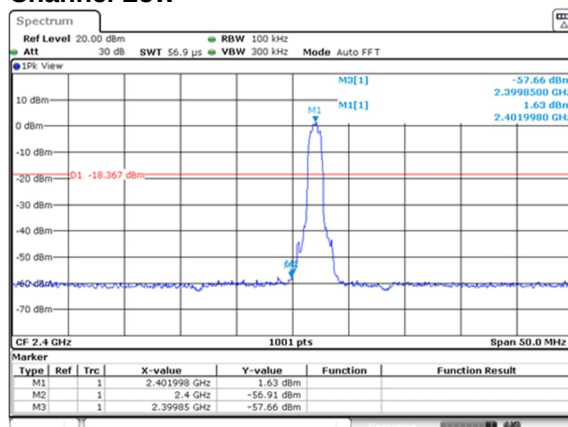
### [No Hopping] DH5[Chain 1] Channel Low



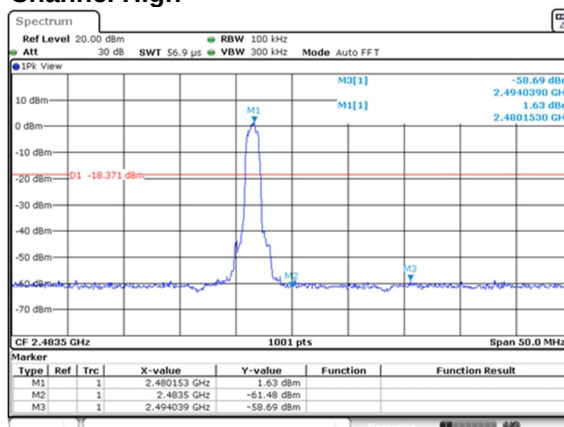
### Channel High



### 3DH5[Chain 1] Channel Low



### Channel High



## 4.7 Spurious Emissions - Conducted -

### 4.7.1 Measurement procedure

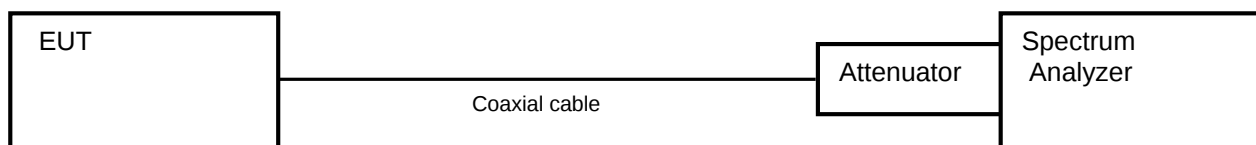
#### [FCC 15.247(d)]

The Spurious emissions (Conducted) are measured with a spectrum analyzer connected to the antenna terminal, while EUT is operating in transmission mode at the appropriate center frequency.

The spectrum analyzer is set to;

- a) Span = wide enough to fully capture the emission being measured
- b) RBW = 100 kHz
- c) VBW  $\geq$  RBW
- d) Sweep time = auto-couple
- e) Detector = peak
- f) Trace mode = max hold

- Test configuration



### 4.7.2 Limit

In any 100kHz bandwidth outside the frequency band the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power.

### 4.7.3 Measurement result

Date : 14-November-2025  
 Temperature : 21.2 [°C]  
 Humidity : 52.1 [%]  
 Test place : Shielded room No.4

Test engineer : Kazunori Saito

Date : 17-November-2025  
 Temperature : 18.7 [°C]  
 Humidity : 45.7 [%]  
 Test place : Shielded room No.4

Test engineer : Kazunori Saito

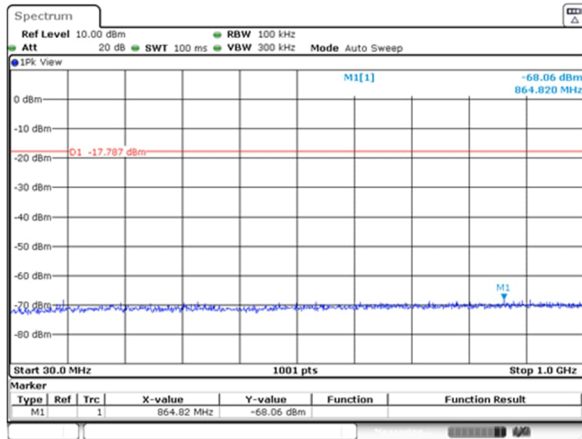
| Channel | Frequency [MHz] | Limit [dB]                          | Results Chart      | Result |
|---------|-----------------|-------------------------------------|--------------------|--------|
| Low     | 2402            | At least 20dB below from peak of RF | See the trace Data | PASS   |
| Middle  | 2441            | At least 20dB below from peak of RF | See the trace Data | PASS   |
| High    | 2480            | At least 20dB below from peak of RF | See the trace Data | PASS   |

#### 4.7.4 Trace data

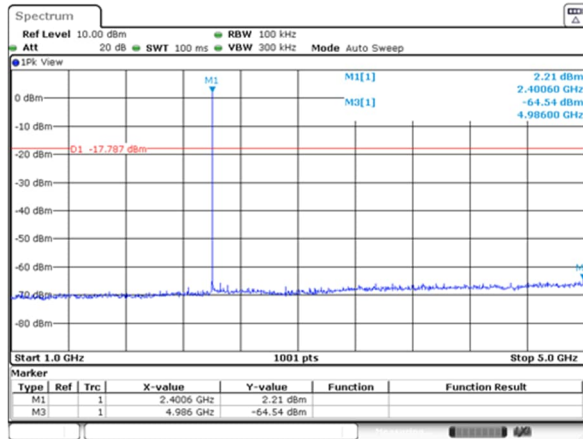
[DH5]

Channel Low[Chain 0]

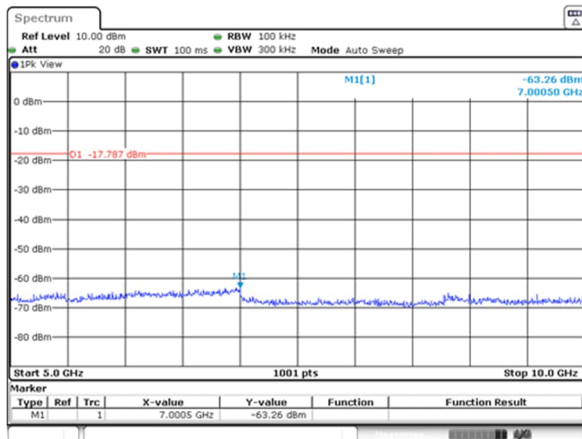
30 MHz-1 GHz



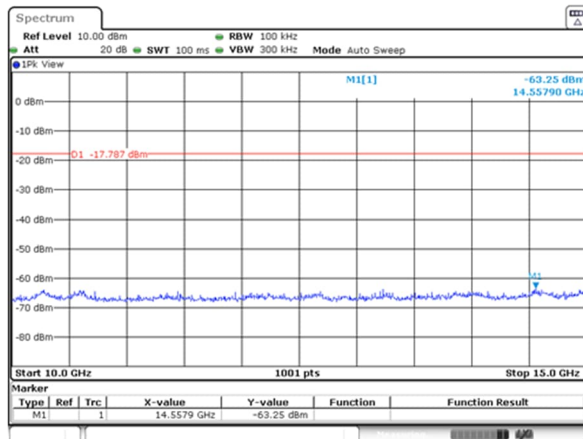
1 GHz-5 GHz



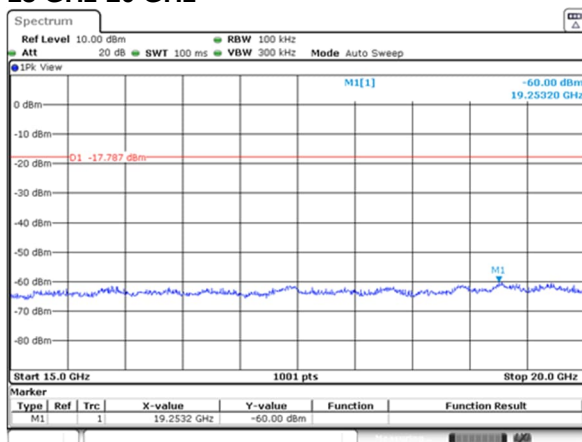
5 GHz-10 GHz



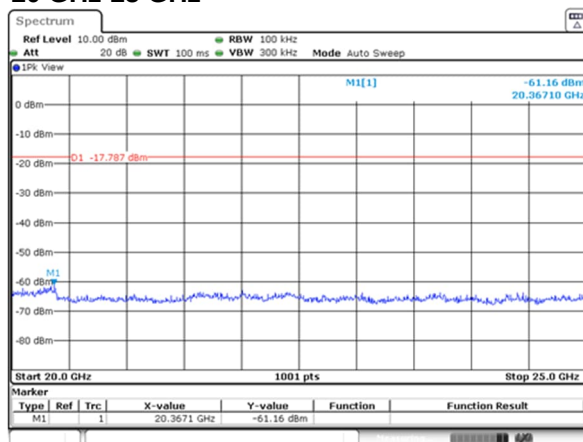
10 GHz-15 GHz



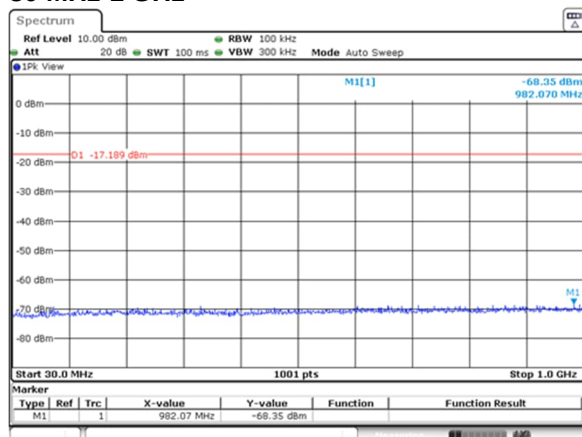
15 GHz-20 GHz



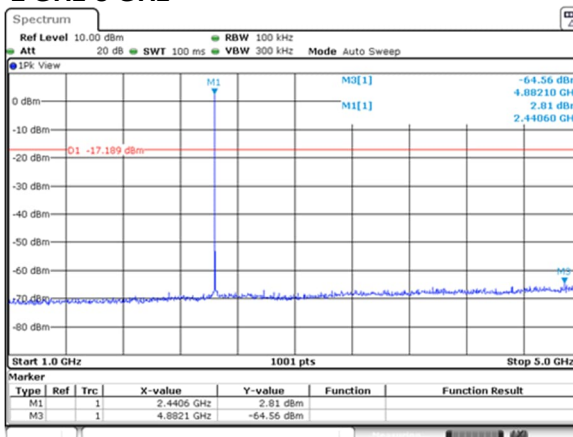
20 GHz-25 GHz



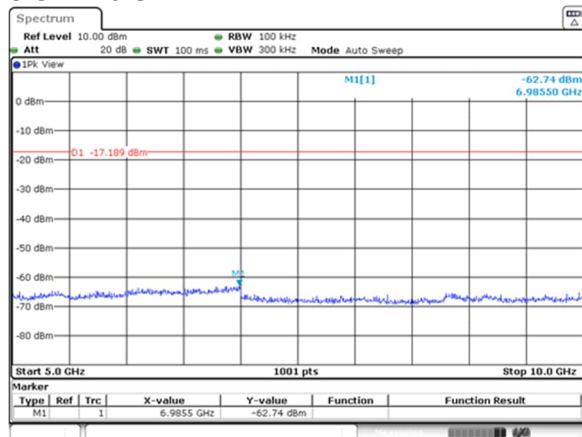
[DH5]  
Channel Middle[Chain 0]  
30 MHz-1 GHz



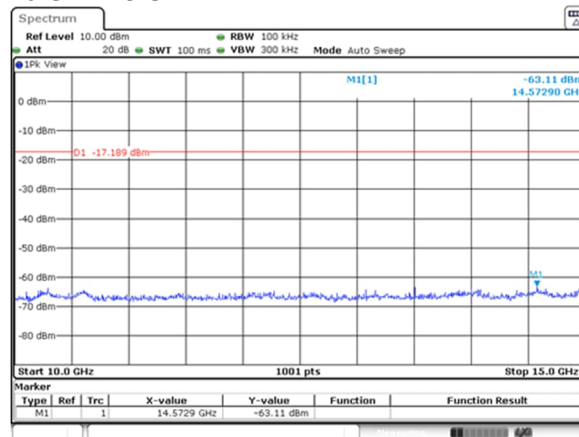
1 GHz-5 GHz



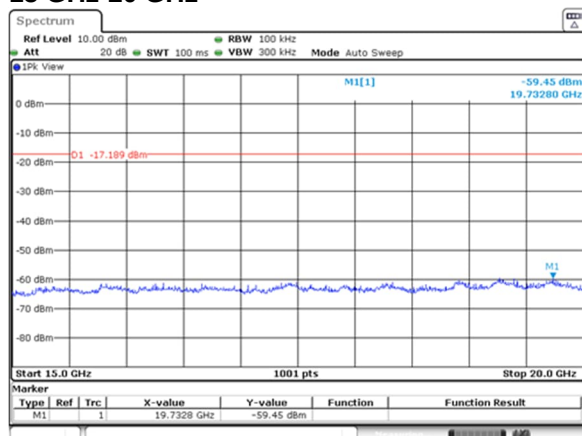
5 GHz-10 GHz



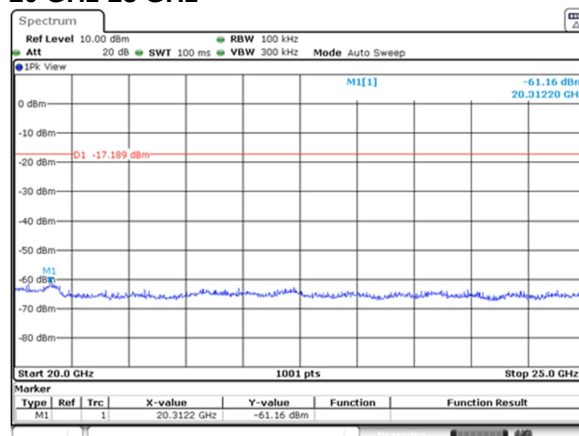
10 GHz-15 GHz



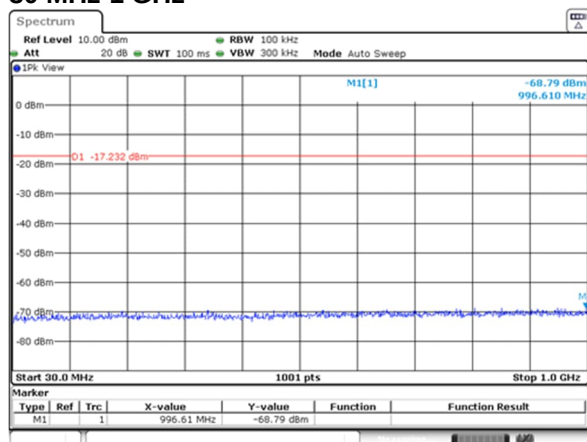
15 GHz-20 GHz



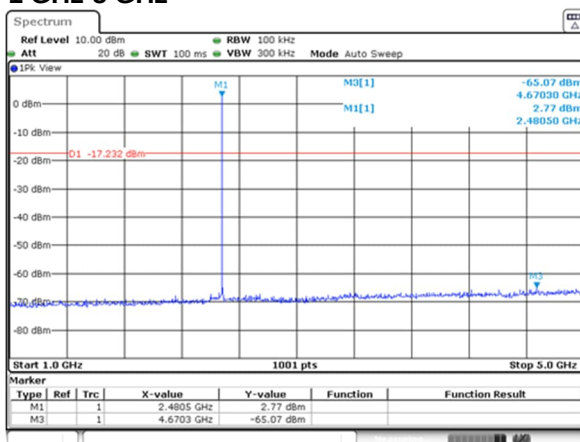
20 GHz-25 GHz



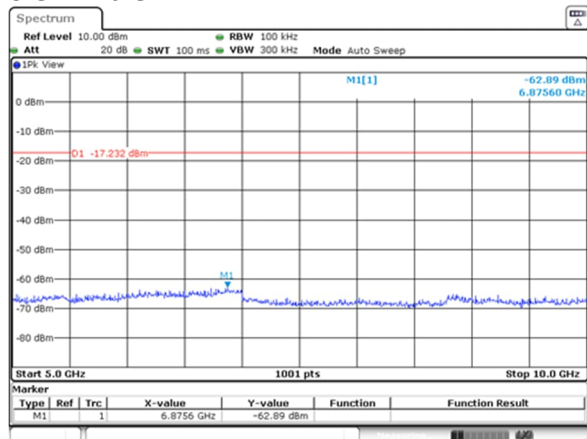
# [DH5] Channel High[Chain 0] 30 MHz-1 GHz



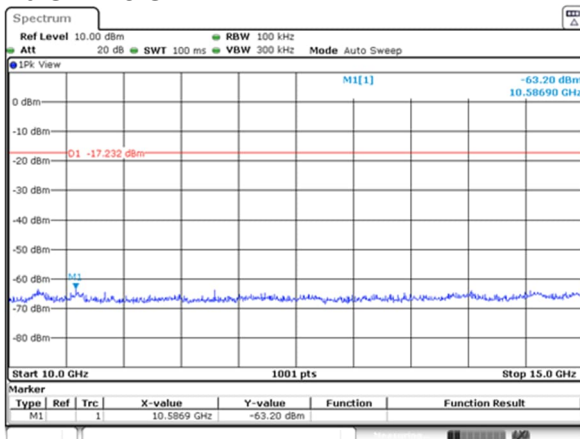
## 1 GHz-5 GHz



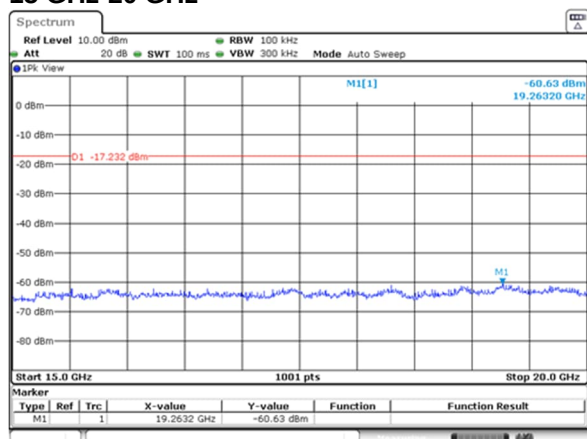
## 5 GHz-10 GHz



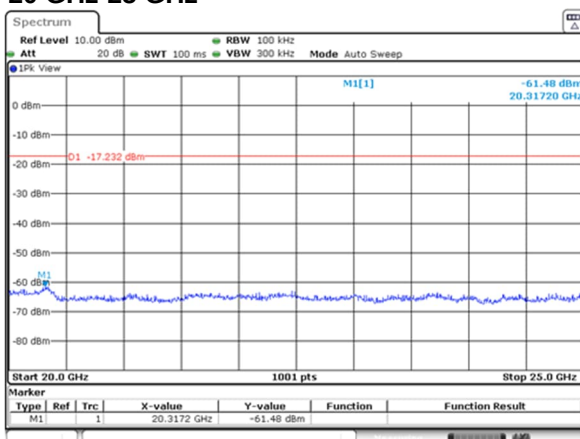
## 10 GHz-15 GHz



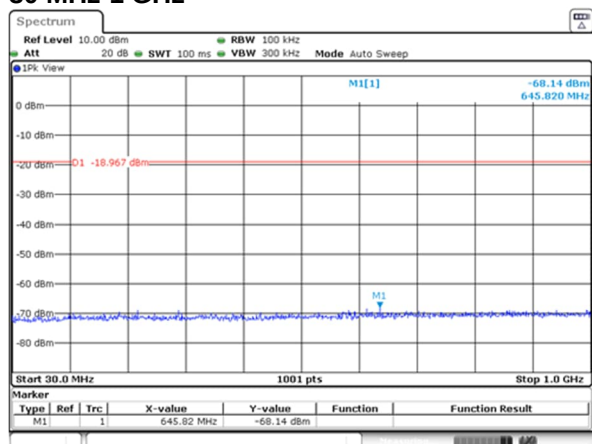
## 15 GHz-20 GHz



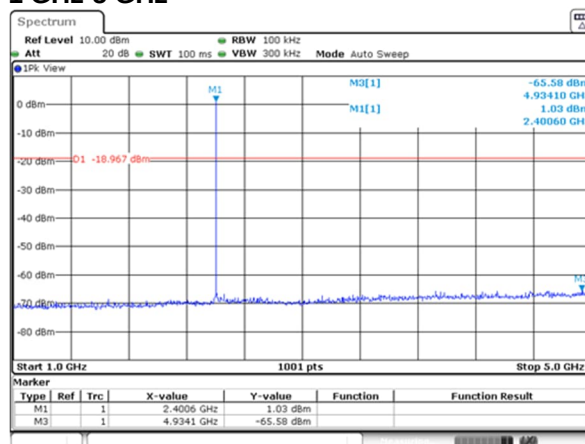
## 20 GHz-25 GHz



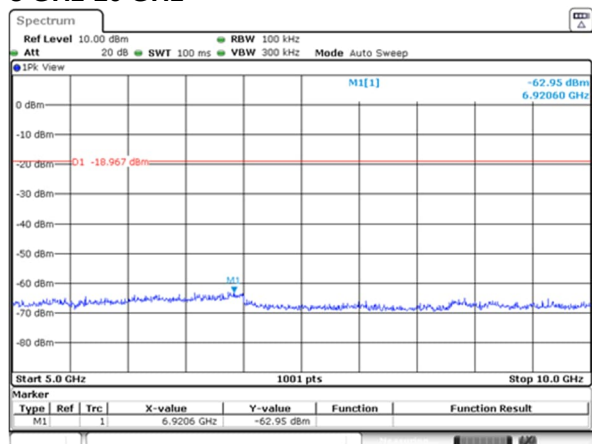
### [3-DH5] Channel Low[Chain 0] 30 MHz-1 GHz



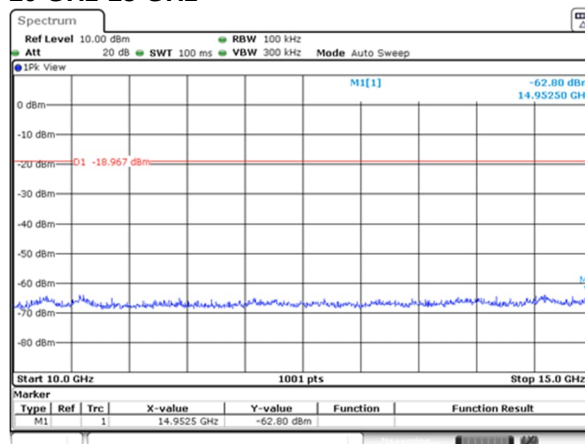
### 1 GHz-5 GHz



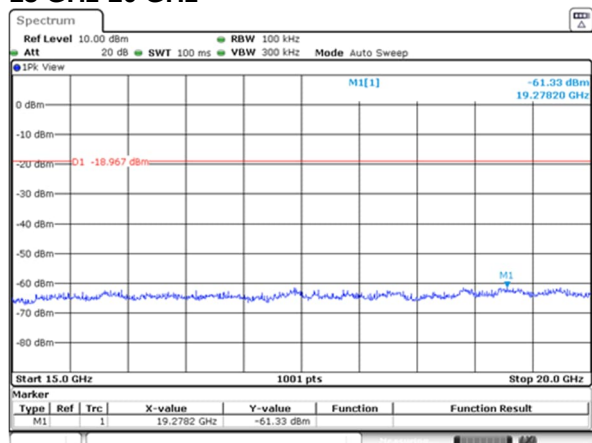
### 5 GHz-10 GHz



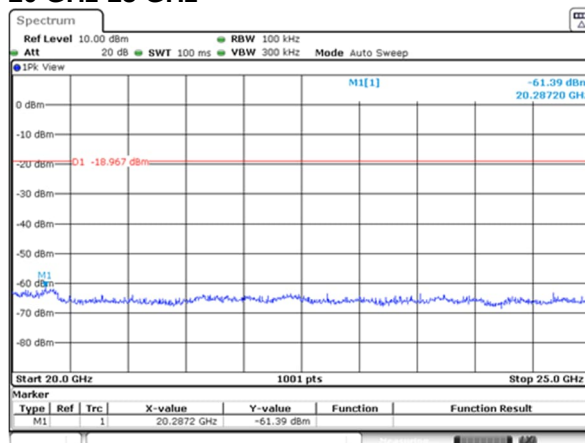
### 10 GHz-15 GHz



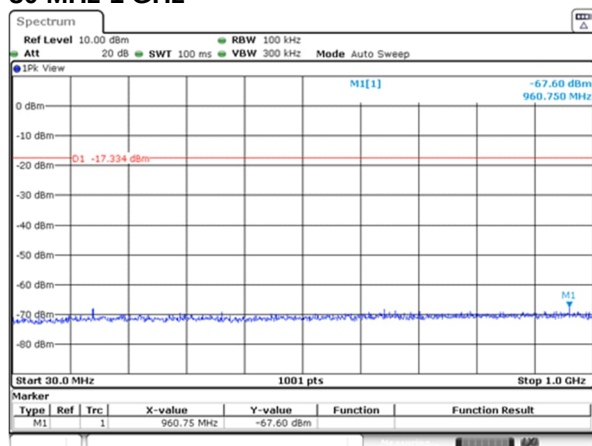
### 15 GHz-20 GHz



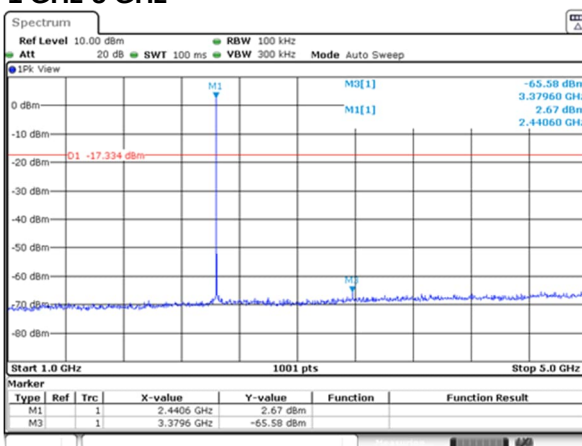
### 20 GHz-25 GHz



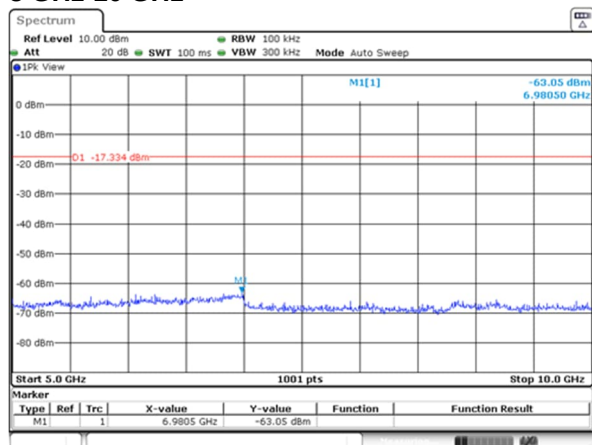
### [3-DH5] Channel Middle[Chain 0] 30 MHz-1 GHz



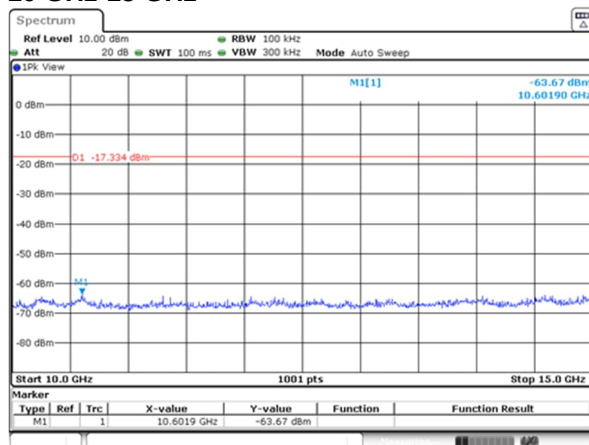
### 1 GHz-5 GHz



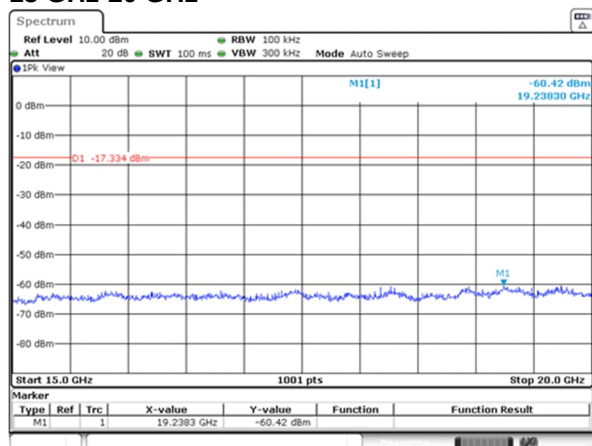
### 5 GHz-10 GHz



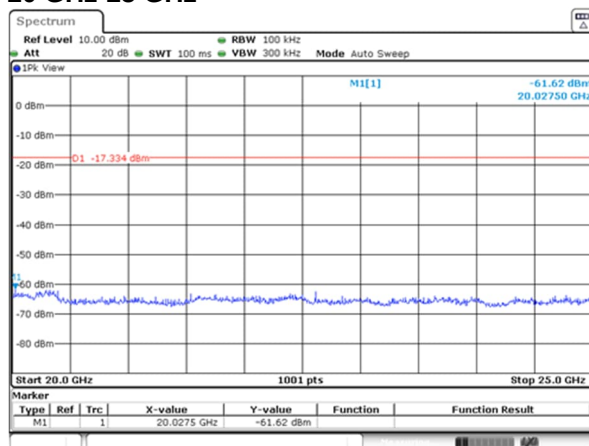
### 10 GHz-15 GHz



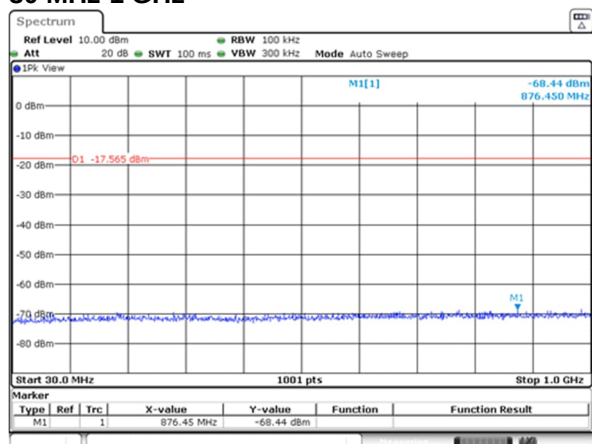
### 15 GHz-20 GHz



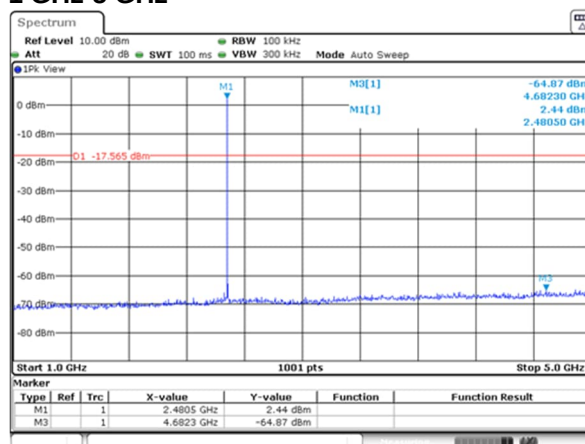
### 20 GHz-25 GHz



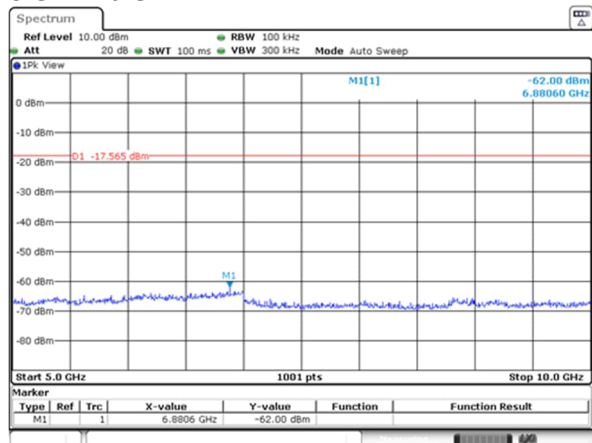
### [3-DH5] Channel High[Chain 0] 30 MHz-1 GHz



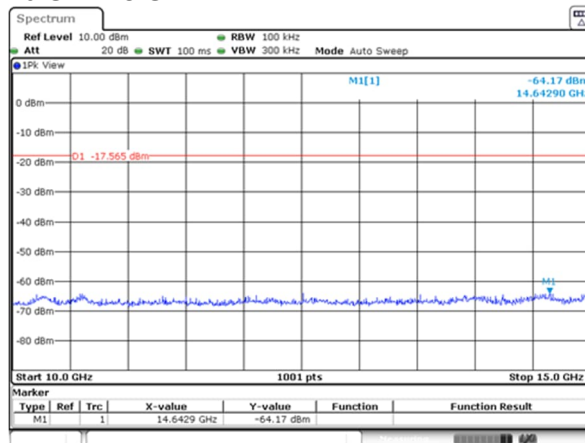
### 1 GHz-5 GHz



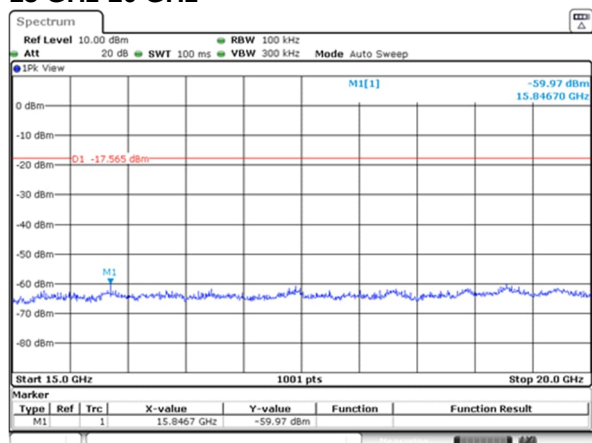
### 5 GHz-10 GHz



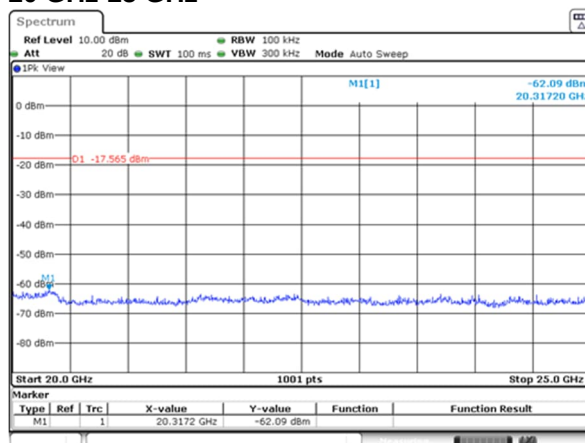
### 10 GHz-15 GHz



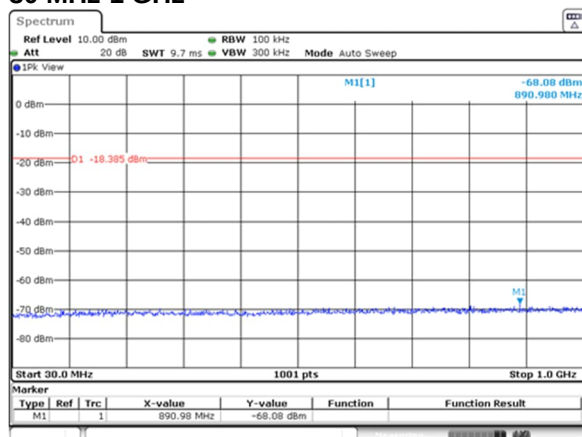
### 15 GHz-20 GHz



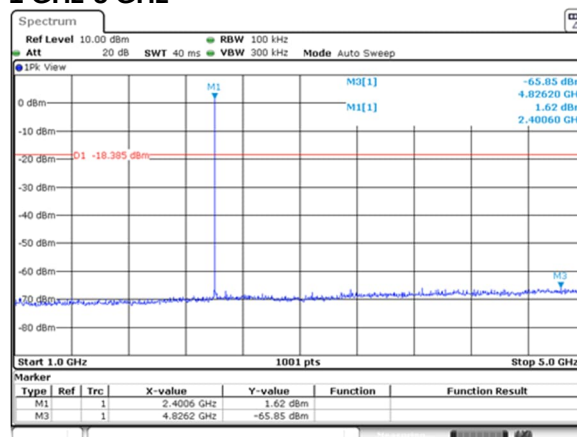
### 20 GHz-25 GHz



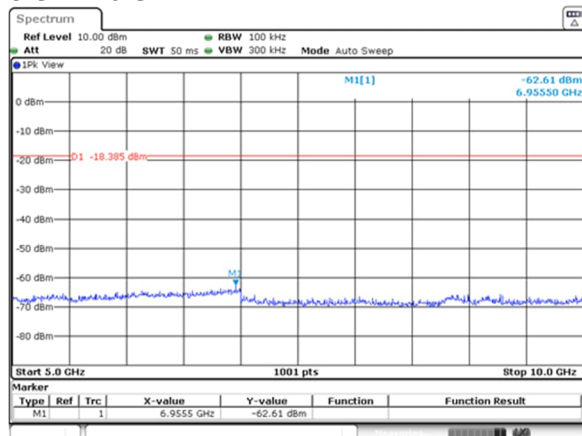
# [DH5] Channel Low[Chain 1] 30 MHz-1 GHz



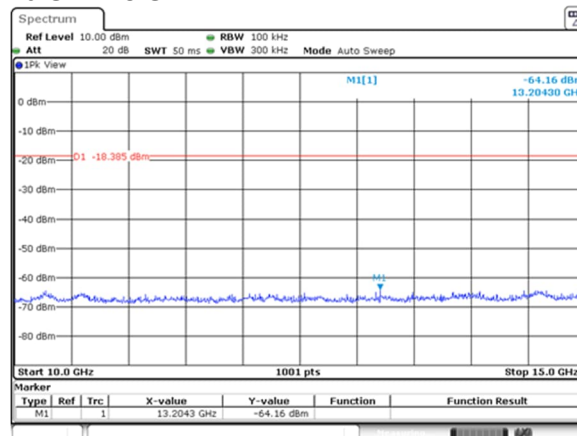
## 1 GHz-5 GHz



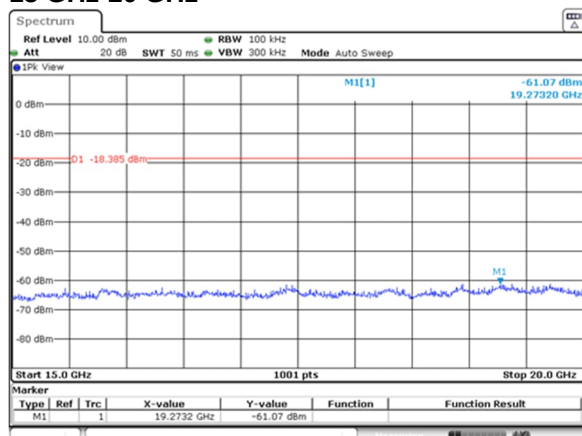
## 5 GHz-10 GHz



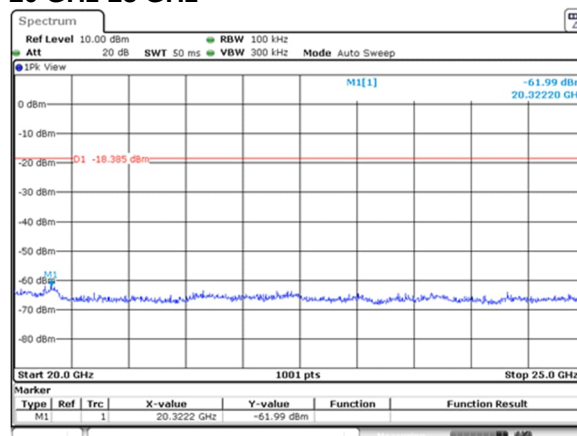
## 10 GHz-15 GHz



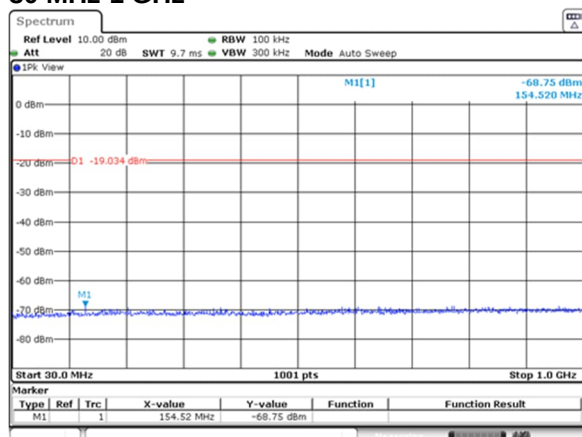
## 15 GHz-20 GHz



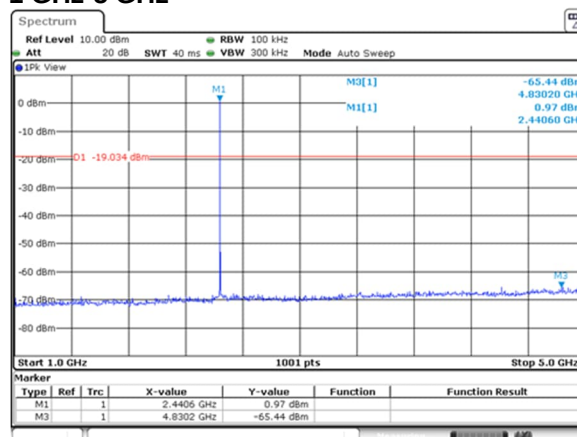
## 20 GHz-25 GHz



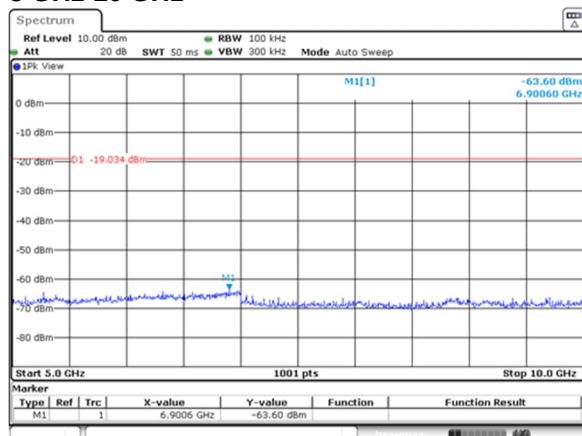
# [DH5] Channel Middle[Chain 1] 30 MHz-1 GHz



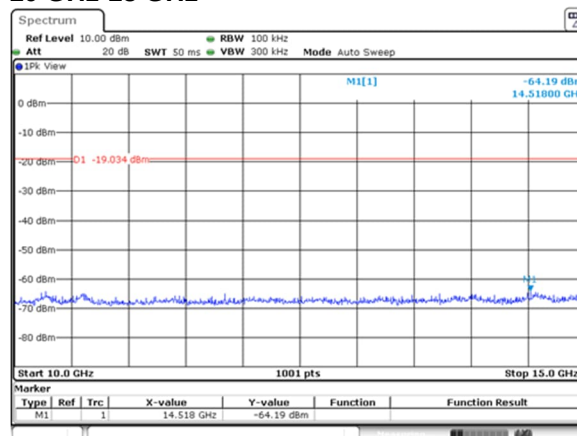
## 1 GHz-5 GHz



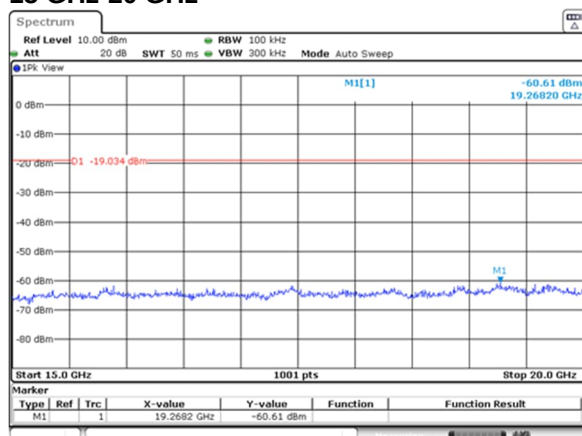
## 5 GHz-10 GHz



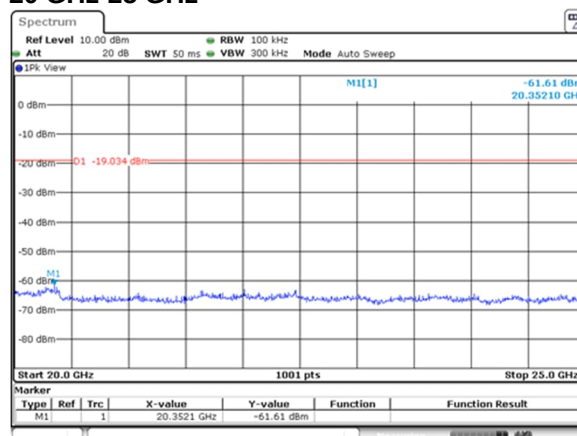
## 10 GHz-15 GHz



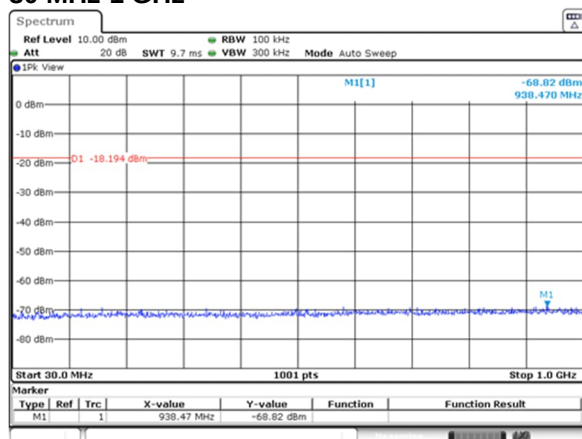
## 15 GHz-20 GHz



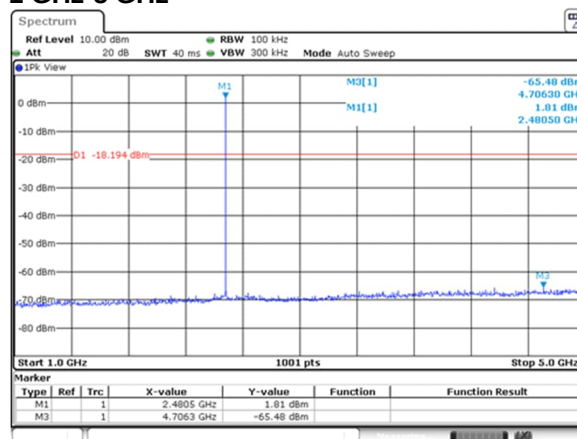
## 20 GHz-25 GHz



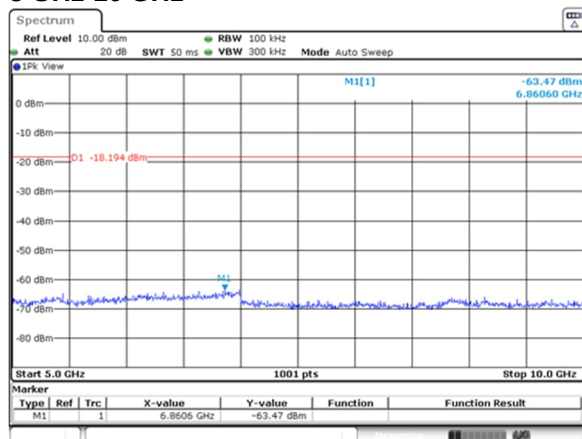
**[DH5]  
Channel High[Chain 1]  
30 MHz-1 GHz**



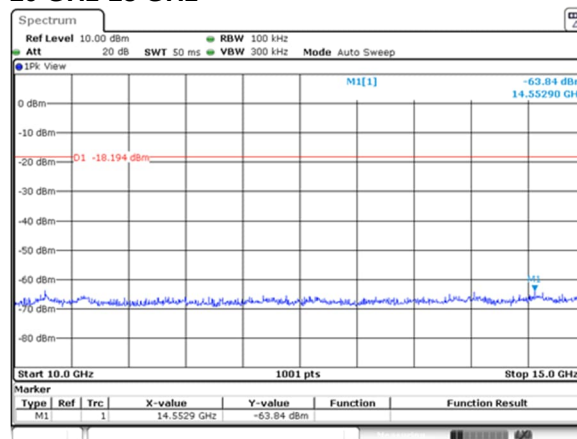
**1 GHz-5 GHz**



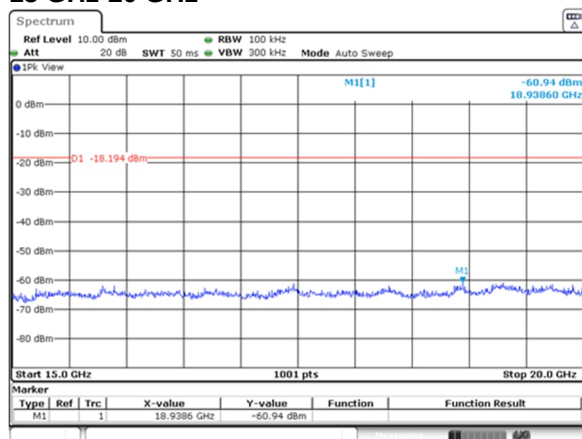
**5 GHz-10 GHz**



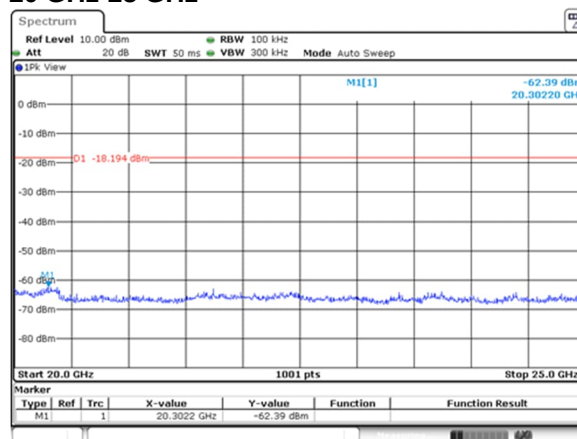
**10 GHz-15 GHz**



**15 GHz-20 GHz**



**20 GHz-25 GHz**



## 4.8 Spurious Emissions - Radiated -

### 4.8.1 Measurement procedure

[FCC 15.247(d), 15.205, 15.209]

Test was applied by following conditions.

|                           |                                                                                                                            |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Test method               | : ANSI C63.10                                                                                                              |
| Frequency range           | : 9kHz to 25GHz                                                                                                            |
| Test place                | : 3m Semi-anechoic chamber                                                                                                 |
| EUT was placed on         | : Styrofoam table / (W)1.0m × (D)0.8m × (H)0.8m (below 1GHz)<br>Styrofoam table / (W)0.6m × (D)0.6m × (H)1.5m (above 1GHz) |
| Antenna distance          | : 3m                                                                                                                       |
| Test receiver setting     | Below 1GHz                                                                                                                 |
| - Detector                | : Average (9kHz-90kHz, 110kHz-490kHz), Quasi-peak                                                                          |
| - Bandwidth               | : 200Hz, 120kHz                                                                                                            |
| Spectrum analyzer setting | Above 1GHz                                                                                                                 |
| - Peak                    | : RBW=1MHz, VBW=3MHz, Span=0Hz, Sweep=auto                                                                                 |
| - Average                 | : RBW=1MHz, VBW=1kHz, Span=0Hz, Sweep=auto<br>Display mode=Linear                                                          |

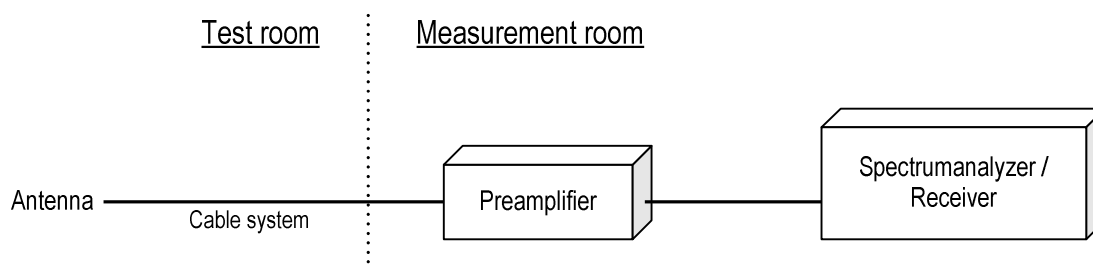
Average Measurement Setting [VBW]

| Mode              | Duty Cycle (%) | T <sub>on</sub> (us) | T <sub>off</sub> (us) | 1/T <sub>on</sub> (kHz) | Determined VBW Setting |
|-------------------|----------------|----------------------|-----------------------|-------------------------|------------------------|
| Bluetooth 5.4 BDR | 76.84          | 2886                 | 870                   | 0.347                   | 1kHz                   |
| Bluetooth 5.4 EDR | 76.84          | 2886                 | 870                   | 0.347                   | 1kHz                   |

Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 30 m open area test site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 937606.

Radiated emission measurements are performed at 3m distance with the broadband antenna (Loop antenna, Biconical antenna, Log periodic antenna, Double ridged guide antenna and Broad-band horn Antenna). The antenna is positioned both the horizontal and vertical planes of polarization and height is varied 1m to 4m and stopped at height producing the maximum emission. As for the Loop antenna, it is positioned with its plane vertical, and the center of the Loop antenna is 1m above the ground plane. The EUT is Placed on a turntable, which is 0.8m/1.5m above ground plane. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level. The test results represent the worst case emission for each emission with manipulating the EUT, support equipment, interconnecting cables and varying the mode of operation. Sufficient time for the EUT, support equipment, and test equipment are allowed in order for them to warm up to their normal operating condition.

- Test configuration



#### 4.8.2 Calculation method

[9kHz to 150kHz]

Emission level = Reading + (Ant factor + Cable system loss)

Margin = Limit – Emission level

[150kHz to 25GHz]

Emission level = Reading + (Ant factor + Cable system loss - Amp. Gain)

Margin = Limit – Emission level

Example:

Limit @ 4804.0MHz : 74.0dBuV/m (Peak Limit)

S.A Reading = 49.0dBuV Cable system loss = 8.3dB

Result = 49.0 + 8.3 = 57.3dBuV/m

Margin = 74.0 - 57.3 = 16.7dB

#### 4.8.3 Limit

| Frequency<br>[MHz] | Field strength  |               | Distance<br>[m] |
|--------------------|-----------------|---------------|-----------------|
|                    | [uV/m]          | [dBuV/m]      |                 |
| 0.009-0.490        | 2400 / F [kHz]  | 20logE [uV/m] | 300             |
| 0.490-1.705        | 24000 / F [kHz] | 20logE [uV/m] | 30              |
| 1.705-30           | 30              | 29.5          | 30              |
| 30-88              | 100             | 40.0          | 3               |
| 88-216             | 150             | 43.5          | 3               |
| 216-960            | 200             | 46.0          | 3               |
| Above 960          | 500             | 54.0          | 3               |

Note:

1. The lower limit shall apply at the transition frequencies.
2. Emission level [dBuV/m] = 20log Emission [uV/m]
3. As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition modulation.

#### 4.8.4 Test data

Date : 29-October-2025  
Temperature : 22.4 [°C]  
Humidity : 37.8 [%]  
Test place : 3m Semi-anechoic chamber

Test engineer : Tadahiro Seino

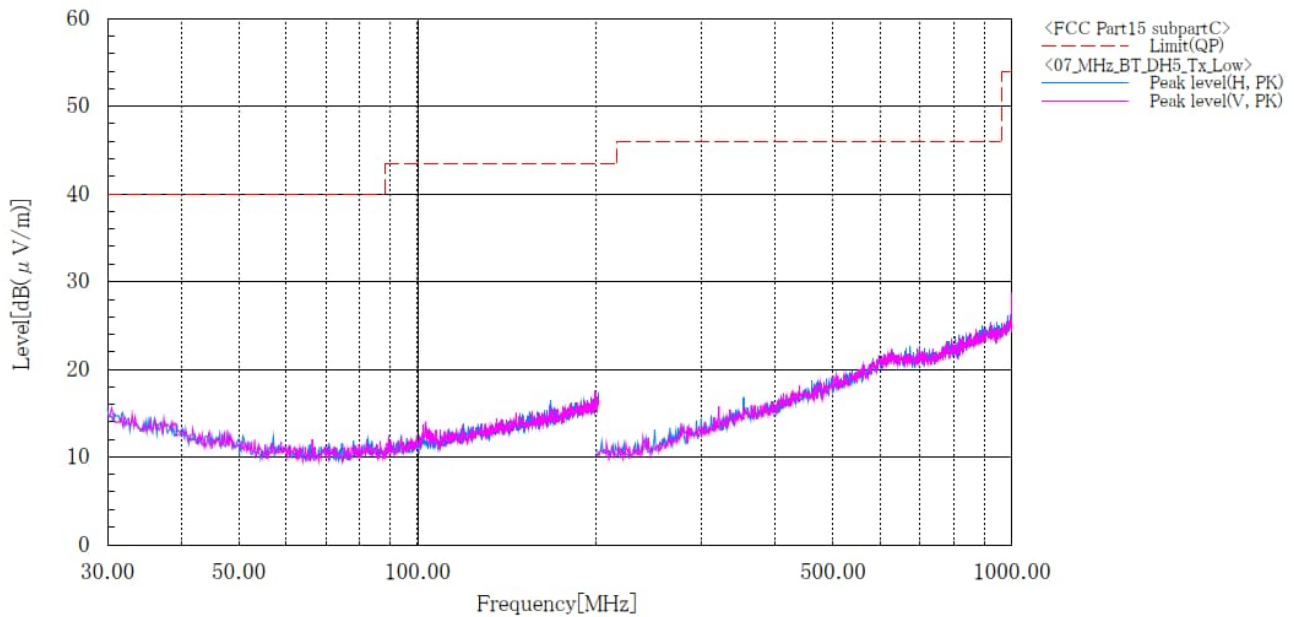
Date : 11-November-2025  
Temperature : 21.8 [°C]  
Humidity : 32.4 [%]  
Test place : 3m Semi-anechoic chamber

Test engineer : Tadahiro Seino

**[Transmission mode]****[DH5]****Channel: Low****BELOW 1 GHz(Worst)**

Company name : KYOCERA Corporation  
 EUT : Mobile Phone  
 Model No. : EB1220  
 Serial No. : 353379980000799  
 Test mode : BT\_DH5\_Tx\_CH:Low

Sheet No. : 07  
 Standard : FCC Part15 subpart C  
 Operator : T.Seino  
 Temp,Hum,Atm : 21.8 [° C] 32.4 [%]  
 Note1 :



Final Result

## Note:

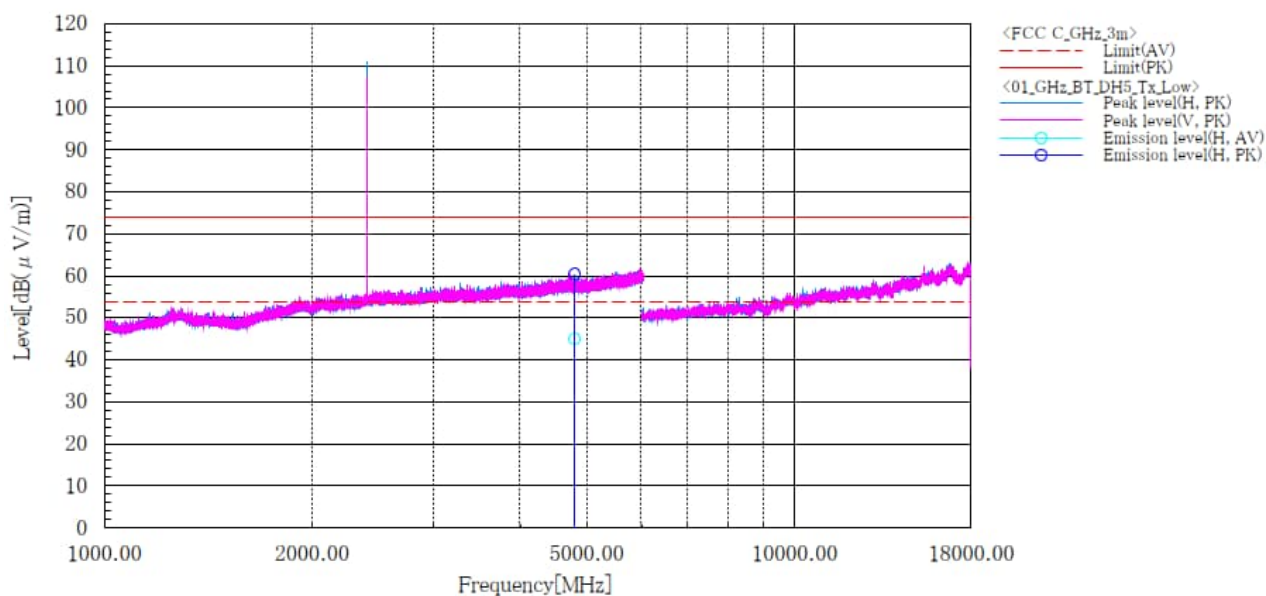
1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 9kHz to 30MHz at the 3 meters distance.

**[DH5]**

**Channel: Low**  
**ABOVE 1 GHz**

Company name : KYOCERA Corporation  
 EUT : Mobile Phone  
 Model No. : EB1220  
 Serial No. : N/A  
 Test mode : BT EDR\_DH5\_Tx

Sheet No. : 01  
 Standard : FCC Part.15 subpart C  
 Operator : T.Seino  
 Temp,Hum,Atm : 22.4 [°C] 37.8 [%]  
 Note1 : CH:Low (2402MHz)

**Final Result**

| No. | Frequency | Pol | Reading<br>AV | Reading<br>PK | c.f       | Result<br>AV | Result<br>PK | Limit<br>AV | Limit<br>PK | Margin<br>AV | Margin<br>PK | Height | Angle |
|-----|-----------|-----|---------------|---------------|-----------|--------------|--------------|-------------|-------------|--------------|--------------|--------|-------|
|     | [MHz]     |     | [dB(μV)]      | [dB(μV)]      | [dB(1/m)] | [dB(μV/m)]   | [dB(μV/m)]   | [dB(μV/m)]  | [dB(μV/m)]  | [dB]         | [dB]         | [cm]   | [deg] |
| 1   | 4804.000  | H   | 32.1          | 47.6          | 12.8      | 44.9         | 60.4         | 54.0        | 74.0        | 9.1          | 13.6         | 106.0  | 209.0 |

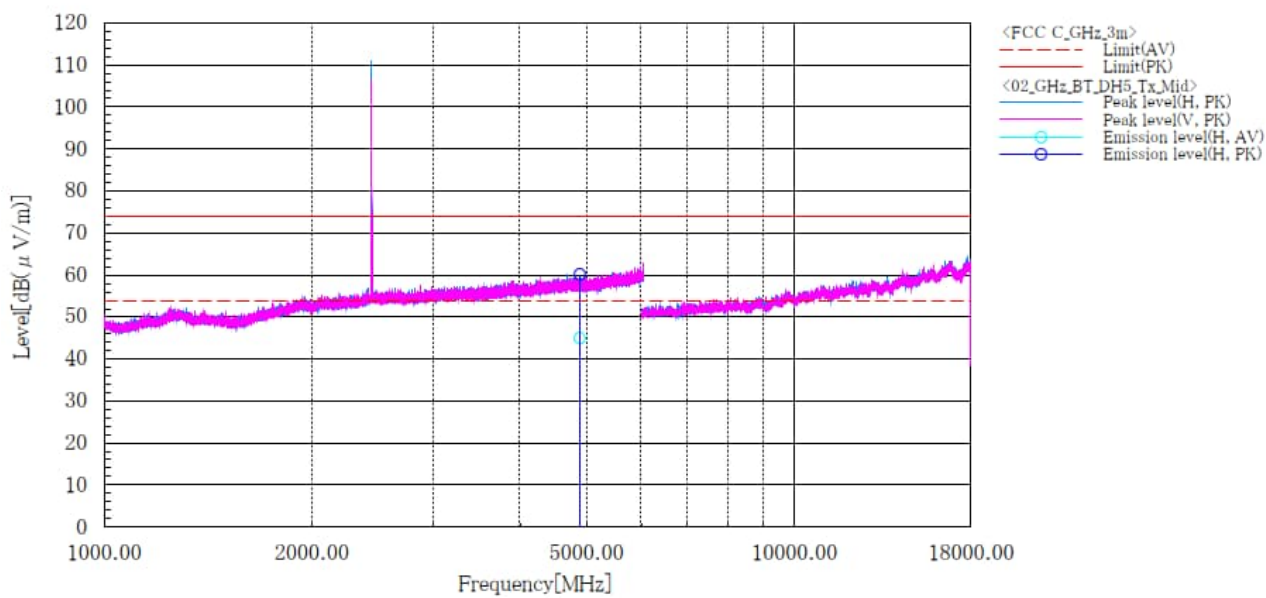
**Note:**

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 18GHz to 25GHz at the 3 meters distance.

**[DH5]**  
**Channel: Middle**  
**ABOVE 1 GHz**

Company name : KYOCERA Corporation  
 EUT : Mobile Phone  
 Model No. : EB1220  
 Serial No. : N/A  
 Test mode : BT EDR\_DH5\_Tx

Sheet No. : 02  
 Standard : FCC Part.15 subpart C  
 Operator : T.Seino  
 Temp,Hum,Atm : 22.4 [°C] 37.8 [%]  
 Note1 : CH:Mid (2441MHz)



**Final Result**

| No. | Frequency<br>[MHz] | Pol | Reading<br>AV<br>[dB(μV)] | Reading<br>PK<br>[dB(μV)] | c.f<br>[dB(1/m)] | Result<br>AV<br>[dB(μV/m)] | Result<br>PK<br>[dB(μV/m)] | Limit<br>AV<br>[dB(μV/m)] | Limit<br>PK<br>[dB(μV/m)] | Margin<br>AV<br>[dB] | Margin<br>PK<br>[dB] | Height<br>[cm] | Angle<br>[deg] |
|-----|--------------------|-----|---------------------------|---------------------------|------------------|----------------------------|----------------------------|---------------------------|---------------------------|----------------------|----------------------|----------------|----------------|
| 1   | 4882.000           | H   | 32.2                      | 47.3                      | 12.8             | 45.0                       | 60.1                       | 54.0                      | 74.0                      | 9.0                  | 13.9                 | 122.0          | 215.0          |

**Note:**

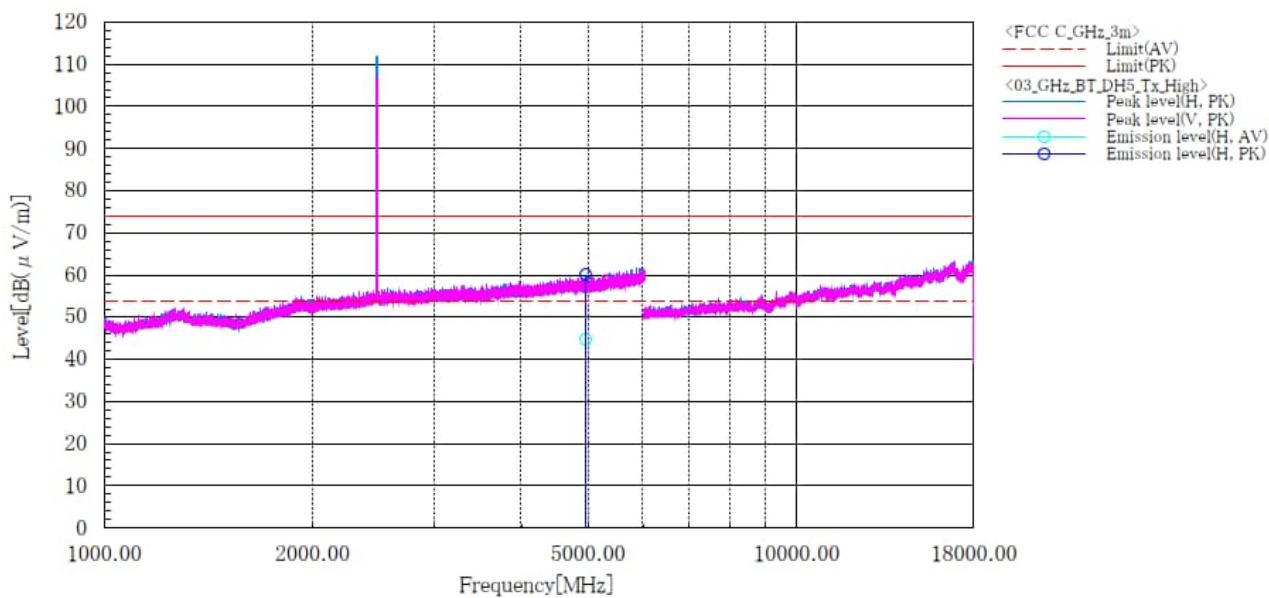
1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 18GHz to 25GHz at the 3 meters distance.

**[DH5]**

**Channel: High**  
**ABOVE 1 GHz**

Company name : KYOCERA Corporation  
 EUT : Mobile Phone  
 Model No. : EB1220  
 Serial No. : N/A  
 Test mode : BT EDR\_DH5\_Tx

Sheet No. : 03  
 Standard : FCC Part.15 subpart C  
 Operator : T.Seino  
 Temp,Hum,Atm : 22.4 [°C] 37.8 [%]  
 Note1 : CH:High (2480MHz)

**Final Result**

| No. | Frequency | Pol | Reading  | Reading  | c. f      | Result     | Result     | Limit      | Limit      | Margin | Margin | Height | Angle |
|-----|-----------|-----|----------|----------|-----------|------------|------------|------------|------------|--------|--------|--------|-------|
|     | [MHz]     |     | AV       | PK       |           | AV         | PK         | AV         | PK         | AV     | PK     | [cm]   | [deg] |
|     |           |     | [dB(μV)] | [dB(μV)] | [dB(1/m)] | [dB(μV/m)] | [dB(μV/m)] | [dB(μV/m)] | [dB(μV/m)] | [dB]   | [dB]   |        |       |
| 1   | 4960.000  | H   | 32.0     | 47.3     | 12.8      | 44.8       | 60.1       | 54.0       | 74.0       | 9.2    | 13.9   | 260.0  | 214.0 |

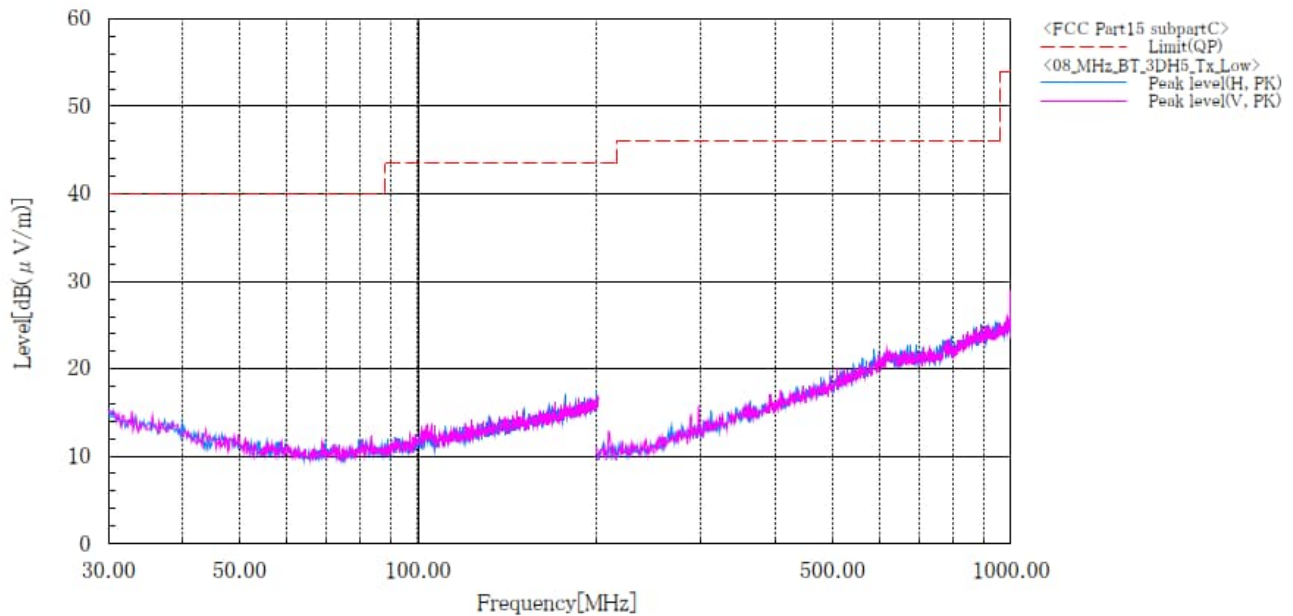
**Note:**

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 18GHz to 25GHz at the 3 meters distance.

**[3-DH5]**  
**Channel: Low**  
**BELOW 1 GHz(Worst)**

Company name : KYOCERA Corporation  
 EUT : Mobile Phone  
 Model No. : EB1220  
 Serial No. : 353379980000799  
 Test mode : BT\_3DH5\_Tx\_CH:Low

Sheet No. : 08  
 Standard : FCC Part15 subpart C  
 Operator : T.Seino  
 Temp,Hum,Atm : 21.8 [° C] 32.4 [%]  
 Note1 :



Final Result

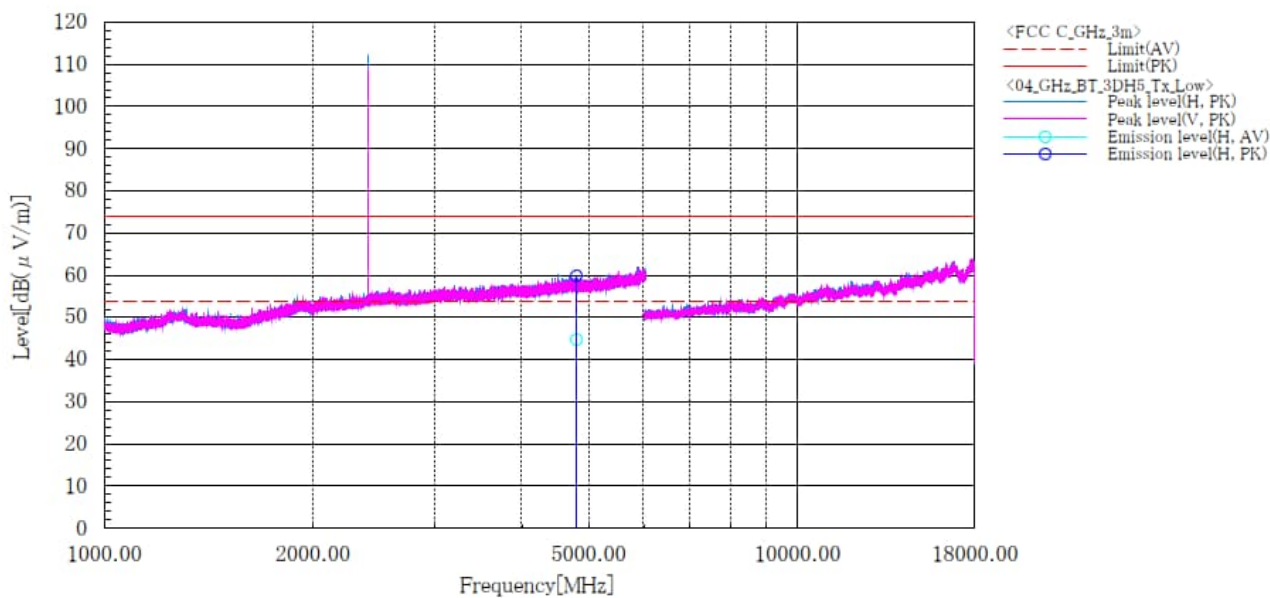
Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable - Amp)]
2. No emission were detected in frequency range 9kHz to 30MHz at the 3 meters distance.

**[3-DH5]****Channel: Low****ABOVE 1 GHz**

Company name : KYOCERA Corporation  
 EUT : Mobile Phone  
 Model No. : EB1220  
 Serial No. : N/A  
 Test mode : BT EDR\_3DH5\_Tx

Sheet No. : 04  
 Standard : FCC Part.15 subpart C  
 Operator : T.Seino  
 Temp,Hum,Atm : 22.4 [°C] 37.8 [%]  
 Note1 : CH:Low (2402MHz)

**Final Result**

| No. | Frequency | Pol | Reading  | Reading  | c. f      | Result     | Result     | Limit      | Limit      | Margin | Margin | Height | Angle |
|-----|-----------|-----|----------|----------|-----------|------------|------------|------------|------------|--------|--------|--------|-------|
|     | [MHz]     |     | AV       | PK       |           | AV         | PK         | AV         | PK         | AV     | PK     |        |       |
|     |           |     | [dB(μV)] | [dB(μV)] | [dB(1/m)] | [dB(μV/m)] | [dB(μV/m)] | [dB(μV/m)] | [dB(μV/m)] | [dB]   | [dB]   | [cm]   | [deg] |
| 1   | 4804.000  | H   | 32.0     | 47.1     | 12.8      | 44.8       | 59.9       | 54.0       | 74.0       | 9.2    | 14.1   | 219.0  | 209.0 |

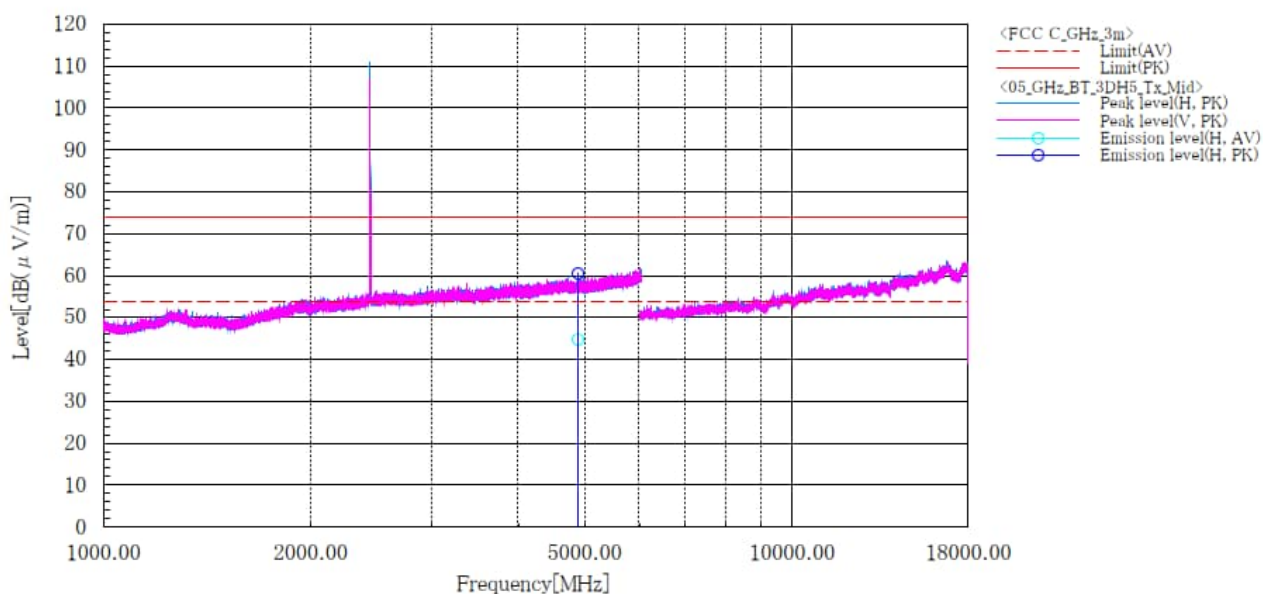
**Note:**

- Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
- No emission were detected in frequency range 18GHz to 25GHz at the 3 meters distance.

**[3-DH5]**  
**Channel: Middle**  
**ABOVE 1 GHz**

Company name : KYOCERA Corporation  
 EUT : Mobile Phone  
 Model No. : EB1220  
 Serial No. : N/A  
 Test mode : BT EDR\_3DH5\_Tx

Sheet No. : 05  
 Standard : FCC Part.15 subpart C  
 Operator : T.Seino  
 Temp,Hum,Atm : 22.4 [°C] 37.8 [%]  
 Note1 : CH:Mid (2441MHz)



**Final Result**

| No. | Frequency | Pol | Reading<br>AV | Reading<br>PK | c. f      | Result<br>AV | Result<br>PK | Limit<br>AV | Limit<br>PK | Margin<br>AV | Margin<br>PK | Height | Angle |
|-----|-----------|-----|---------------|---------------|-----------|--------------|--------------|-------------|-------------|--------------|--------------|--------|-------|
|     | [MHz]     |     | [dB(μV)]      | [dB(μV)]      | [dB(1/m)] | [dB(μV/m)]   | [dB(μV/m)]   | [dB(μV/m)]  | [dB(μV/m)]  | [dB]         | [dB]         | [cm]   | [deg] |
| 1   | 4882.000  | H   | 32.0          | 47.7          | 12.8      | 44.8         | 60.5         | 54.0        | 74.0        | 9.2          | 13.5         | 187.0  | 209.0 |

**Note:**

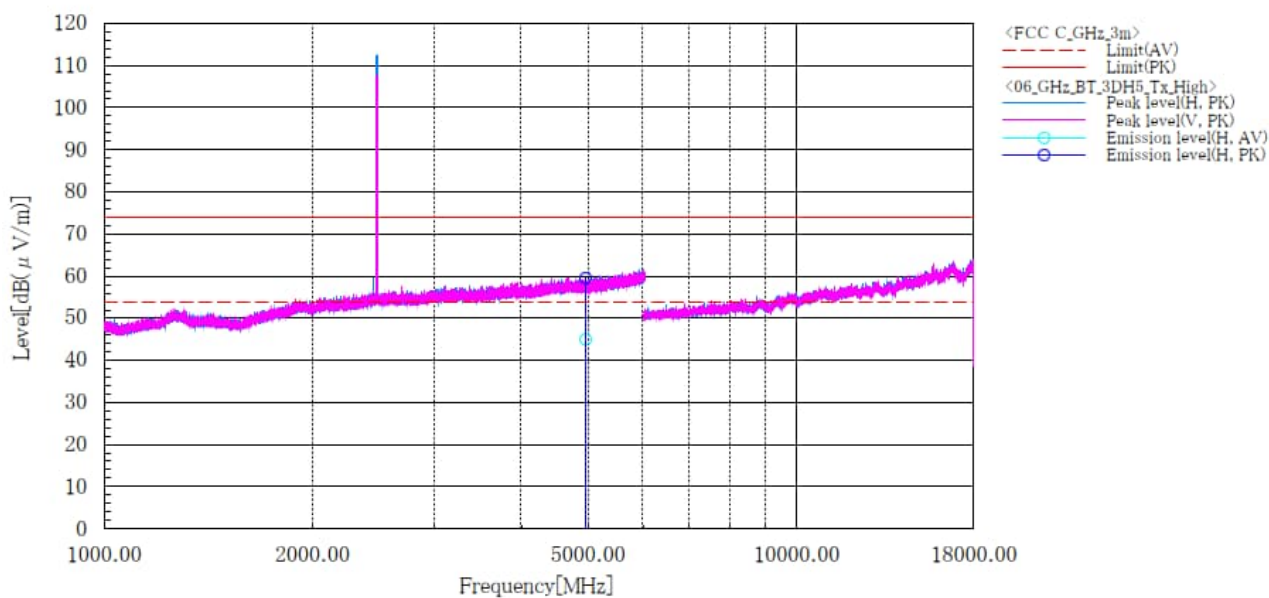
1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 18GHz to 25GHz at the 3 meters distance.

**[3-DH5]**

**Channel: High**  
**ABOVE 1 GHz**

Company name : KYOCERA Corporation  
 EUT : Mobile Phone  
 Model No. : EB1220  
 Serial No. : N/A  
 Test mode : BT EDR\_3DH5\_Tx

Sheet No. : 06  
 Standard : FCC Part.15 subpart C  
 Operator : T.Seino  
 Temp,Hum,Atm : 22.4 [°C] 37.8 [%]  
 Note1 : CH:High (2480MHz)

**Final Result**

| No. | Frequency | Pol | Reading  | Reading  | c. f      | Result     | Result     | Limit      | Limit      | Margin | Margin | Height | Angle |
|-----|-----------|-----|----------|----------|-----------|------------|------------|------------|------------|--------|--------|--------|-------|
|     | [MHz]     |     | AV       | PK       |           | AV         | PK         | AV         | PK         | AV     | PK     |        |       |
|     |           |     | [dB(μV)] | [dB(μV)] | [dB(1/m)] | [dB(μV/m)] | [dB(μV/m)] | [dB(μV/m)] | [dB(μV/m)] | [dB]   | [dB]   | [cm]   | [deg] |
| 1   | 4960.000  | H   | 32.1     | 46.8     | 12.8      | 44.9       | 59.6       | 54.0       | 74.0       | 9.1    | 14.4   | 208.0  | 210.0 |

**Note:**

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 18GHz to 25GHz at the 3 meters distance.

## 4.9 Restricted Band of Operation

### 4.9.1 Measurement procedure

[FCC 15.247(d), 15.205, 15.209]

Test was applied by following conditions.

|                           |   |                                                                                                                          |
|---------------------------|---|--------------------------------------------------------------------------------------------------------------------------|
| Test method               | : | ANSI C63.10                                                                                                              |
| Test place                | : | 3m Semi-anechoic chamber                                                                                                 |
| EUT was placed on         | : | Styrofoam table / (W)1.0m × (D)0.8m × (H)0.8m (below 1GHz)<br>Styrofoam table / (W)0.6m × (D)0.6m × (H)1.5m (above 1GHz) |
| Antenna distance          | : | 3m                                                                                                                       |
| Spectrum analyzer setting | : |                                                                                                                          |
| - Peak                    | : | RBW=1MHz, VBW=3MHz, Span=Arbitrary setting, Sweep=auto                                                                   |
| - Average                 | : | RBW=1MHz, VBW=1kHz, Span=Arbitrary setting, Sweep=auto<br>Display mode=Linear                                            |

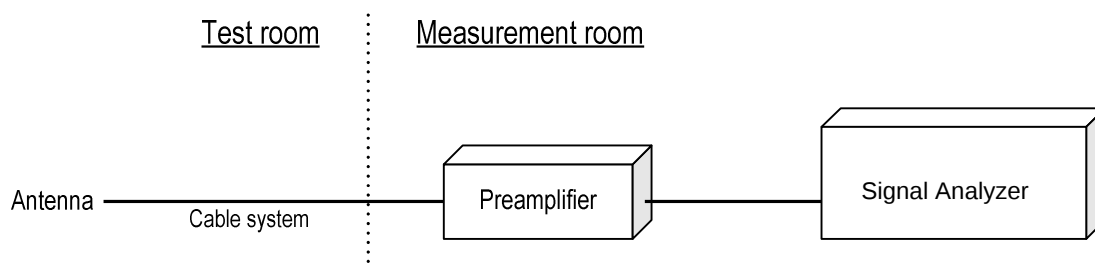
Average Measurement Setting [VBW]

| Mode              | Duty Cycle (%) | T <sub>on</sub> (us) | T <sub>off</sub> (us) | 1/T <sub>on</sub> (kHz) | Determined VBW Setting |
|-------------------|----------------|----------------------|-----------------------|-------------------------|------------------------|
| Bluetooth 5.4 BDR | 76.84          | 2886                 | 870                   | 0.347                   | 1kHz                   |
| Bluetooth 5.4 EDR | 76.84          | 2886                 | 870                   | 0.347                   | 1kHz                   |

Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 30 m open area test site. Therefore, sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 937606.

Radiated emission measurements are performed at 3m distance with the broadband antenna (Loop antenna, Biconical antenna, Log periodic antenna, Double ridged guide antenna and Broad-band horn Antenna). The antenna is positioned both the horizontal and vertical planes of polarization and height is varied 1m to 4m and stopped at height producing the maximum emission. As for the Loop antenna, it is positioned with its plane vertical, and the center of the Loop antenna is 1m above the ground plane. The EUT is Placed on a turntable, which is 0.8m/1.5m above ground plane. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level. The test results represent the worst case emission for each emission with manipulating the EUT, support equipment, interconnecting cables and varying the mode of operation. Sufficient time for the EUT, support equipment, and test equipment are allowed in order for them to warm up to their normal operating condition.

- Test configuration



#### 4.9.2 Limit

Emission at the boundary of the restricted band provided by 15.205 shall be lower than 15.209 limit.

#### 4.9.3 Measurement result

| Channel | Frequency [MHz] | Results Chart      | Result |
|---------|-----------------|--------------------|--------|
| Low     | 2402            | See the Trace Data | Pass   |
| High    | 2480            | See the Trace Data | Pass   |

#### 4.9.4 Test data

Date : 18-November-2025

Temperature : 22.7 [°C]

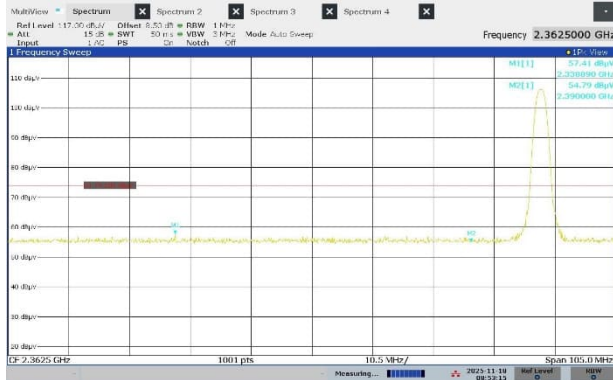
Humidity : 38.5 [%]

Test place : 3m Semi-anechoic chamber

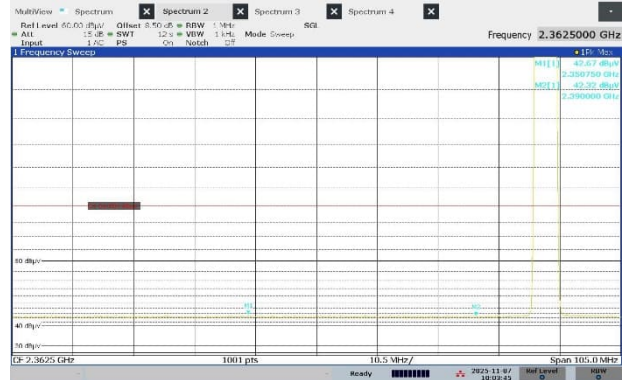
Test engineer :

Chiaki Kanno

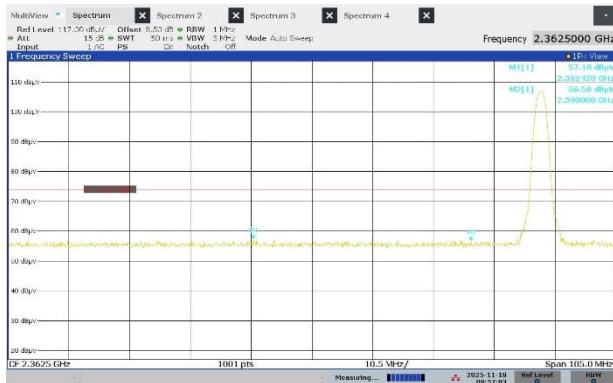
**[DH5]  
Channel: Low  
Horizontal  
Peak**



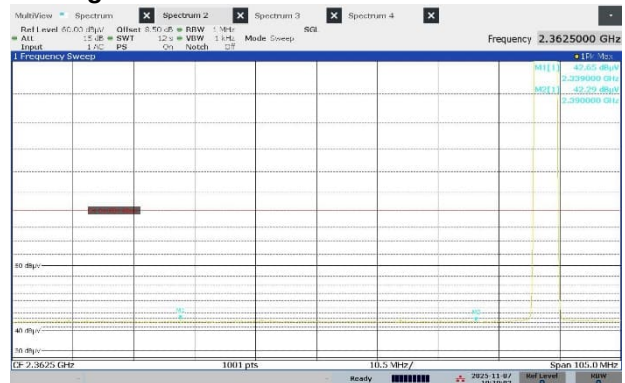
**Average**



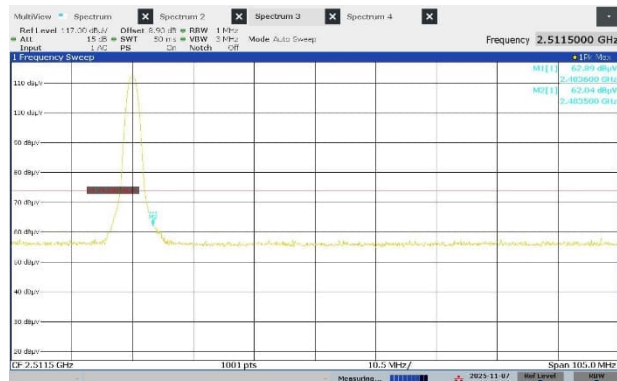
**Vertical  
Peak**



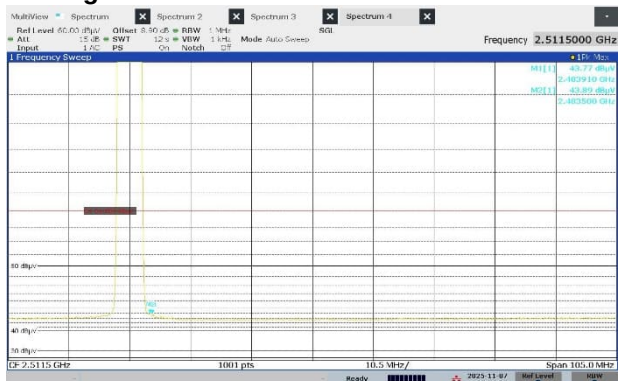
**Average**



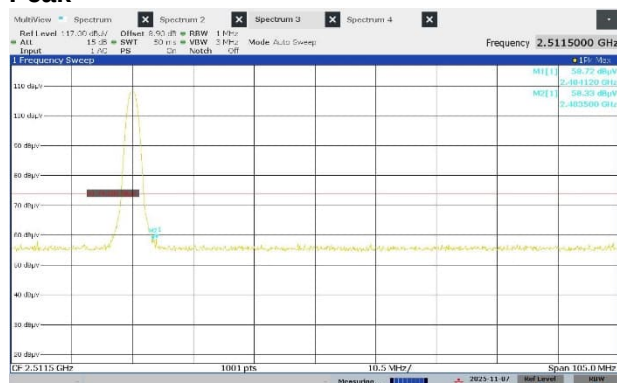
## [DH5] Channel: High Horizontal Peak



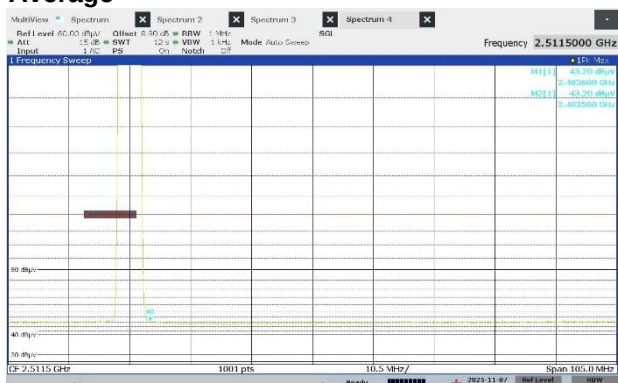
## Average



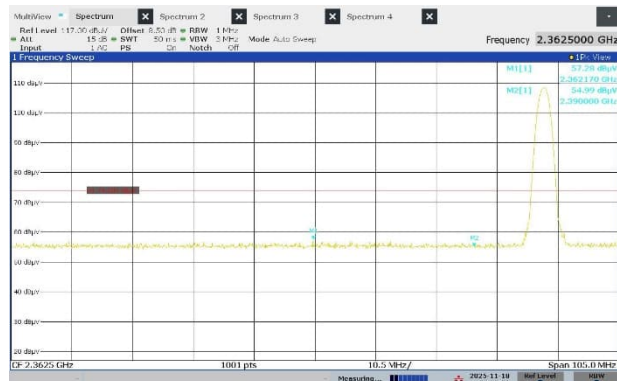
## Vertical Peak



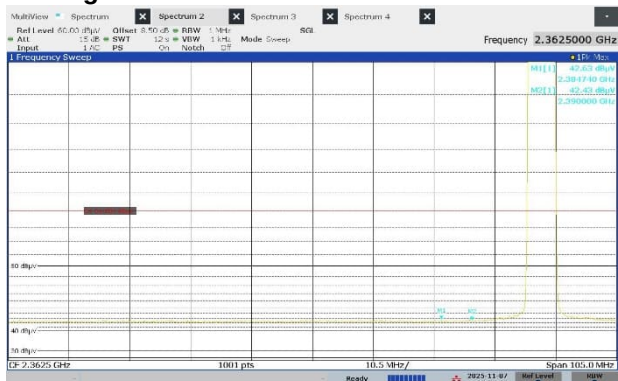
## Average



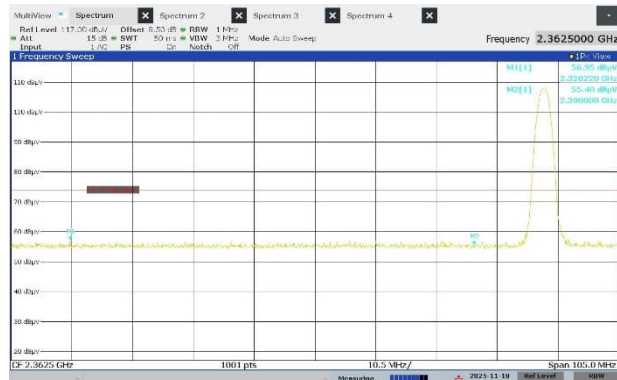
### [3-DH5] Channel: Low Horizontal Peak



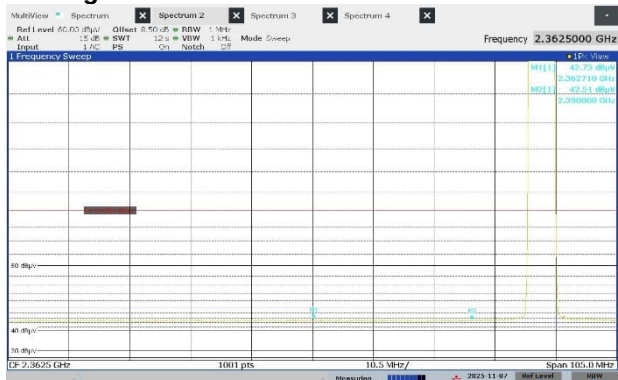
### Average



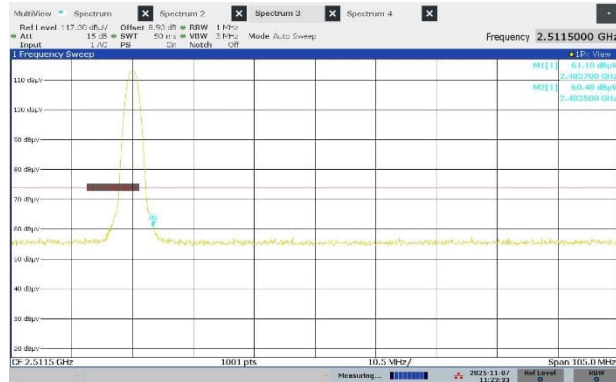
### Vertical Peak



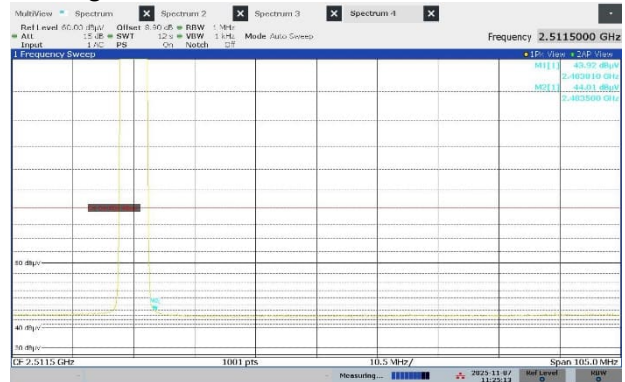
### Average



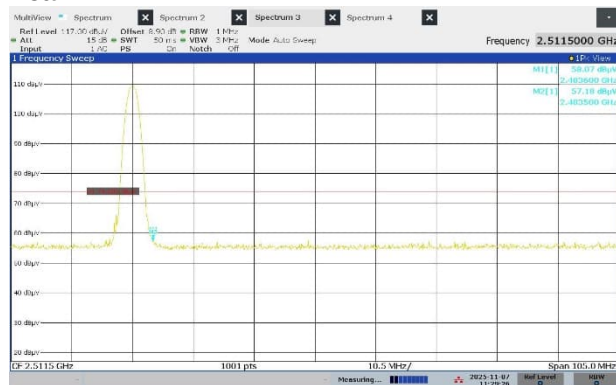
### [3-DH5] Channel: High Horizontal Peak



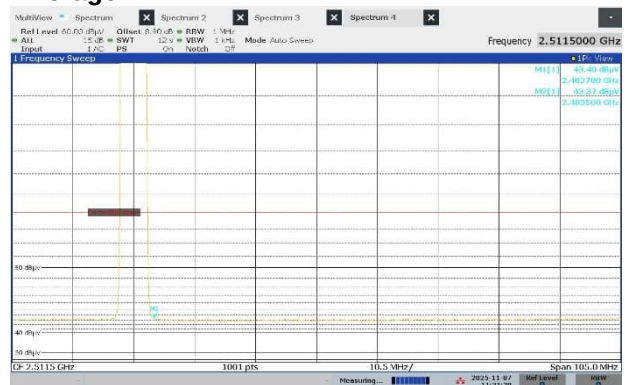
### Average



### Vertical Peak



### Average



#### 4.10 AC Power Line Conducted Emissions

##### 4.10.1 Measurement procedure

###### [FCC 15.207]

Test was applied by following conditions.

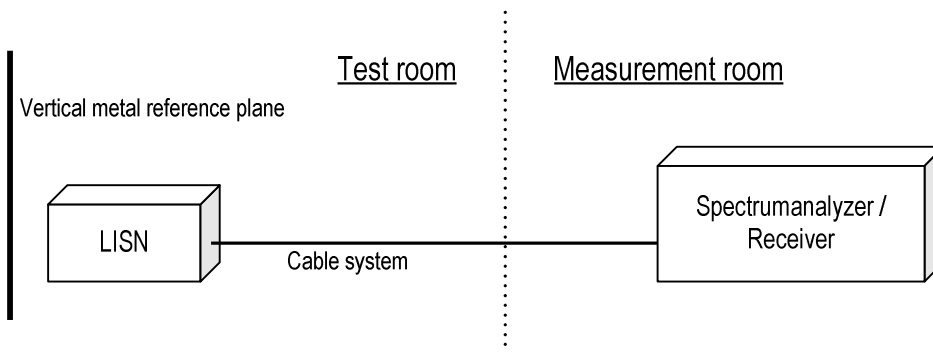
|                                |                                                 |
|--------------------------------|-------------------------------------------------|
| Test method                    | : ANSI C63.10                                   |
| Frequency range                | : 0.15 MHz to 30 MHz                            |
| Test place                     | : 3 m Semi-anechoic chamber                     |
| EUT was placed on              | : Styrofoam table / (W)1.0m × (D)0.8m × (H)0.8m |
| Vertical Metal Reference Plane | : (W)2.0 m × (H)2.0 m 0.4 m away from EUT       |
| Test receiver setting          |                                                 |
| - Detector                     | : Quasi-peak, Average                           |
| - Bandwidth                    | : 9 kHz                                         |

EUT and peripherals are connected to 50Ω/50μH Line Impedance Stabilization Network (LISN) which are connected to reference ground plane, and are placed 80cm away from EUT. Excess of AC power cable is bundled in center.

LISN for peripheral is terminated in 50Ω.

EUT operating mode is selected to emit the maximum noise. Overall frequency range is investigated with spectrum analyzer using peak detector. Maximum emission configuration is determined by manipulating the EUT, peripherals, interconnecting cables. Then, emission measurements are performed with test receiver in above setting to each current-carrying conductor of the mains port. Sufficient time for EUT, peripherals and test equipment is provided in order for them to warm up to their normal operating condition. If the average limit is met when using a quasi-peak detector receiver, the EUT shall be deemed to meet both limits.

###### - Test configuration



#### 4.10.2 Calculation method

Emission level = Reading + (LISN. Factor + Cable system loss)

Margin = Limit – Emission level

Example:

Limit @ 6.770 MHz: 60.0 dBμV(Quasi-peak)

: 50.0 dBμV(Average)

(Quasi peak) Reading = 41.2 dBμV c.f = 10.3 dB

Emission level = 41.2 + 10.3 = 51.5 dBμV

Margin = 60.0 – 51.5 = 8.5 dB

(Average) Reading = 35.0 dBμV c.f = 10.3 dB

Emission level = 35.0 + 10.3 = 45.3 dBμV

Margin = 50.0 – 45.3 = 4.7 dB

#### 4.10.3 Limit

| Frequency<br>[MHz] | Limit     |           |
|--------------------|-----------|-----------|
|                    | QP [dBuV] | AV [dBuV] |
| 0.15-0.5           | 66-56*    | 56-46*    |
| 0.5-5              | 56        | 46        |
| 5-30               | 60        | 50        |

\*: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

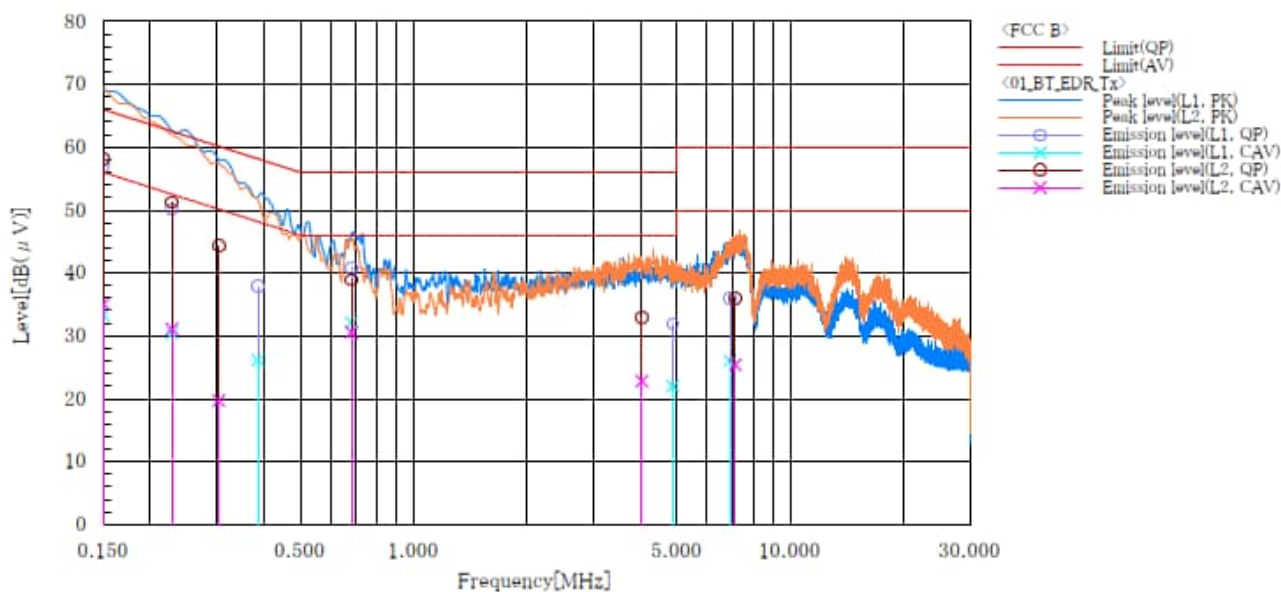
#### 4.10.4 Test data

Date : 19-November-2025  
 Temperature : 18.7 [°C]  
 Humidity : 28.2 [%]  
 Test place : 3m Semi-anechoic chamber

Test engineer : Tadahiro Seino

Company name : KYOCERA Corporation  
 EUT : Mobile Phone  
 Model No. : EB1220  
 Serial No. : 353379980000799  
 Test mode : BT\_EDR\_Tx

Sheet No. : 01  
 Standard : FCC Part 15 Subpart C  
 Operator : T.Seino  
 Temp.Hum.Attn : 18.7 [°C] 28.2 [%]  
 Note1 :



#### Final Result

##### --- L1 ---

| No. | Frequency<br>[MHz] | Reading<br>QP<br>[dB(μV)] | Reading<br>CAV<br>[dB(μV)] | c.f<br>[dB] | Result<br>QP<br>[dB(μV)] | Result<br>CAV<br>[dB(μV)] | Limit<br>QP<br>[dB(μV)] | Limit<br>AV<br>[dB(μV)] | Margen<br>QP<br>[dB] | Margen<br>CAV<br>[dB] |
|-----|--------------------|---------------------------|----------------------------|-------------|--------------------------|---------------------------|-------------------------|-------------------------|----------------------|-----------------------|
| 1   | 0.150              | 46.5                      | 22.8                       | 10.5        | 57.0                     | 33.3                      | 66.0                    | 56.0                    | 9.0                  | 22.7                  |
| 2   | 0.228              | 39.7                      | 20.0                       | 10.4        | 50.1                     | 30.4                      | 62.5                    | 52.5                    | 12.4                 | 22.1                  |
| 3   | 0.386              | 27.6                      | 15.8                       | 10.3        | 37.9                     | 26.1                      | 58.1                    | 48.1                    | 20.2                 | 22.0                  |
| 4   | 0.684              | 30.5                      | 21.8                       | 10.3        | 40.8                     | 32.1                      | 56.0                    | 46.0                    | 15.2                 | 13.9                  |
| 5   | 4.878              | 21.3                      | 11.4                       | 10.6        | 31.9                     | 22.0                      | 56.0                    | 46.0                    | 24.1                 | 24.0                  |
| 6   | 6.912              | 25.2                      | 15.2                       | 10.8        | 36.0                     | 26.0                      | 60.0                    | 50.0                    | 24.0                 | 24.0                  |

##### --- L2 ---

| No. | Frequency<br>[MHz] | Reading<br>QP<br>[dB(μV)] | Reading<br>CAV<br>[dB(μV)] | c.f<br>[dB] | Result<br>QP<br>[dB(μV)] | Result<br>CAV<br>[dB(μV)] | Limit<br>QP<br>[dB(μV)] | Limit<br>AV<br>[dB(μV)] | Margen<br>QP<br>[dB] | Margen<br>CAV<br>[dB] |
|-----|--------------------|---------------------------|----------------------------|-------------|--------------------------|---------------------------|-------------------------|-------------------------|----------------------|-----------------------|
| 1   | 0.150              | 47.7                      | 24.6                       | 10.5        | 58.2                     | 35.1                      | 66.0                    | 56.0                    | 7.8                  | 20.9                  |
| 2   | 0.228              | 40.9                      | 20.7                       | 10.4        | 51.3                     | 31.1                      | 62.5                    | 52.5                    | 11.2                 | 21.4                  |
| 3   | 0.304              | 34.0                      | 9.4                        | 10.3        | 44.3                     | 19.7                      | 60.1                    | 50.1                    | 15.8                 | 30.4                  |
| 4   | 0.684              | 28.6                      | 20.3                       | 10.3        | 38.9                     | 30.6                      | 56.0                    | 46.0                    | 17.1                 | 15.4                  |
| 5   | 4.037              | 22.4                      | 12.2                       | 10.6        | 33.0                     | 22.8                      | 56.0                    | 46.0                    | 23.0                 | 23.2                  |
| 6   | 7.130              | 25.2                      | 14.6                       | 10.8        | 36.0                     | 25.4                      | 60.0                    | 50.0                    | 24.0                 | 24.6                  |

## 5 Antenna requirement

According to FCC section 15.203, an intentional radiator shall be designed to ensure that no antenna other than furnished by the responsible party shall be used with the device. The antenna is a special antenna mounted inside of the EUT. Therefore, the EUT complies with the antenna requirement of FCC section 15.203.

## 6 Measurement Uncertainty

The reported measurement uncertainty is based on a value obtained by multiplying standard uncertainty by coverage factor of  $k=2$ , and a level of confidence becomes 95 %.

| Test item                                  | Measurement uncertainty  |
|--------------------------------------------|--------------------------|
| Conducted emission, AMN (9 kHz – 150 kHz)  | $\pm 3.7$ dB             |
| Conducted emission, AMN (150 kHz – 30 MHz) | $\pm 3.3$ dB             |
| Radiated emission (9kHz – 30 MHz)          | $\pm 3.7$ dB             |
| Radiated emission (30 MHz – 1000 MHz)      | $\pm 5.4$ dB             |
| Radiated emission (1 GHz – 6 GHz)          | $\pm 5.1$ dB             |
| Radiated emission (6 GHz – 18 GHz)         | $\pm 4.8$ dB             |
| Radiated emission (18 GHz – 40 GHz)        | $\pm 6.0$ dB             |
| Radio Frequency                            | $\pm 0.9 \times 10^{-7}$ |
| RF power, conducted                        | $\pm 0.6$ dB             |
| Effective radiated power                   | $\pm 4.3$ dB             |
| Radiated spurious emissions                | $\pm 4.4$ dB             |
| Adjacent channel power                     | $\pm 1.5$ dB             |
| Bandwidth                                  | $\pm 2.8$ %              |
| Temperature                                | $\pm 0.6$ °C             |
| Humidity                                   | $\pm 1.2$ %              |
| Voltage (DC)                               | $\pm 0.4$ %              |
| Voltage (AC, <10kHz)                       | $\pm 0.2$ %              |

| Judge | Measured value and standard limit value                                                                                                                                                                                                                                                                  |  |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| PASS  | <div> <div> <div>Standard limit value</div> <div> <div>+Uncertainty</div> <div>-Uncertainty</div> </div> <div>Measured value</div> </div> <div> <p>Even if it takes uncertainty into consideration, a standard limit value is fulfilled.</p> </div> </div>                                               |  |
|       | <div> <div> <div>Standard limit value</div> <div> <div>+Uncertainty</div> <div>-Uncertainty</div> </div> <div>Measured value</div> </div> <div> <p>Although measured value is in a standard limit value, a limit value won't be fulfilled if uncertainty is taken into consideration.</p> </div> </div>  |  |
| FAIL  | <div> <div> <div>Standard limit value</div> <div> <div>+Uncertainty</div> <div>-Uncertainty</div> </div> <div>Measured value</div> </div> <div> <p>Although measured value exceeds a standard limit value, a limit value will be fulfilled if uncertainty is taken into consideration.</p> </div> </div> |  |
|       | <div> <div> <div>Standard limit value</div> <div> <div>+Uncertainty</div> <div>-Uncertainty</div> </div> <div>Measured value</div> </div> <div> <p>Even if it takes uncertainty into consideration, a standard limit value isn't fulfilled.</p> </div> </div>                                            |  |

## 7 Laboratory Information

Testing was performed and the report was issued at:

### TÜV SÜD Japan Ltd. Yonezawa Testing Center

Address: 5-4149-7 Hachimanpara, Yonezawa-shi, Yamagata, 992-1128 Japan  
Phone: +81-238-28-2881

### Accreditation and Registration

A2LA

Certificate #3686.03

BSMI

Laboratory Code: SL2-IN-E-6018, SL2-A1-E-6018

Innovation, Science and Economic Development Canada

ISED#: 4224A

## Appendix A. Test Equipment

### Antenna port conducted test

| Equipment         | Company       | Model No. | Serial No. | Cal. Due    | Cal. Date   |
|-------------------|---------------|-----------|------------|-------------|-------------|
| Spectrum analyzer | ROHDE&SCHWARZ | FSV40     | 101731     | 31-Jul-2026 | 31-Jul-2025 |
| Power meter       | ROHDE&SCHWARZ | NRP2      | 103269     | 31-Mar-2026 | 18-Mar-2025 |
| Power sensor      | ROHDE&SCHWARZ | NRP-Z81   | 102467     | 31-Mar-2026 | 18-Mar-2025 |
| Attenuator        | Weinschel     | 56-10     | J4993      | 31-Dec-2025 | 16-Dec-2024 |

### Radiated emission

| Equipment                   | Company              | Model No.        | Serial No.      | Cal. Due    | Cal. Date   |
|-----------------------------|----------------------|------------------|-----------------|-------------|-------------|
| EMI receiver                | ROHDE&SCHWARZ        | ESW44            | 103171          | 31-Dec-2025 | 2-Dec-2024  |
| Loop antenna                | TESEQ                | HLA6121          | 65079           | 31-Aug-2026 | 12-Aug-2025 |
| Attenuator                  | TOYO Connector       | NA-PJ-6/6dB      | N/A(S542)       | 30-Jun-2026 | 18-Jun-2025 |
| Biconical antenna           | Schwarzbeck          | VHBB9124/BBA9106 | 1344            | 31-Aug-2026 | 19-Aug-2025 |
| Log-periodic antenna        | Schwarzbeck          | VUSLP9111B       | #343            | 31-Dec-2025 | 9-Dec-2024  |
| Attenuator                  | TOYO Connector       | NA-PJ-6/6dB      | N/A(S541)       | 30-Sep-2026 | 11-Sep-2025 |
| Attenuator                  | TAMAGAWA.ELEC        | CFA-01/3dB       | N/A(S503)       | 31-Jul-2026 | 9-Jul-2025  |
| Preamplifier                | SONOMA               | 310              | 372170          | 30-Sep-2026 | 10-Sep-2025 |
| Double ridged guide antenna | ETS LINDGREN         | 3117             | 00256478        | 30-Jun-2026 | 30-Jun-2025 |
| Attenuator                  | HUBER+SUHNER         | 6803.17.B        | N/A(2340)       | 31-Dec-2025 | 17-Dec-2024 |
| Preamplifier                | Techno Science Japan | MLA-0118-J02-40  | 23050008        | 30-Jun-2026 | 19-Jun-2025 |
| Attenuator                  | AEROFLEX             | 26A-10           | 081217-08       | 31-Dec-2025 | 16-Dec-2024 |
| DRGH antenna                | A.H.Systems Inc.     | SAS-574          | 469             | 30-Sep-2026 | 17-Sep-2025 |
| Preamplifier                | Techno Science Japan | MLA-1840-B03-35  | 1240332         | 30-Sep-2026 | 17-Sep-2025 |
| Microwave cable             | HUBER SUNER          | Sucoflex 102/5m  | 31647           | 31-Jul-2026 | 8-Jul-2025  |
| Notch Filter                | Micro-Tronics        | BRM50702         | G433            | 30-Sep-2026 | 10-Sep-2025 |
| Microwave cable             | HUBER+SUHNER         | SUCOFLEX104/9m   | 800690/4        | 31-Oct-2026 | 21-Oct-2025 |
|                             |                      | SUCOFLEX104/1m   | my24610/4       | 31-Dec-2025 | 17-Dec-2024 |
|                             |                      | SUCOFLEX104/9m   | 2001102/4       | 31-Dec-2025 | 17-Dec-2024 |
|                             |                      | SUCOFLEX104/1m   | MY32976/4       | 31-Dec-2025 | 17-Dec-2024 |
|                             |                      | SUCOFLEX104/2m   | SN MY28404/4    | 31-Dec-2025 | 17-Dec-2024 |
|                             |                      | SUCOFLEX106/7m   | 41625/6         | 31-Dec-2025 | 19-Dec-2024 |
| Software                    | TOYO Technica        | ES10/RE-AJ       | Ver.2023.01.001 | N/A         | N/A         |

|                          |       |       |                 |             |             |
|--------------------------|-------|-------|-----------------|-------------|-------------|
| Absorber                 | RIKEN | PFP30 | N/A             | N/A         | N/A         |
| 3m Semi-anechoic Chamber | TOKIN | N/A   | N/A(9002-NSA)   | 31-May-2026 | 15-May-2025 |
| 3m Semi-anechoic Chamber | TOKIN | N/A   | N/A(9002-SVSWR) | 31-May-2026 | 15-May-2025 |

**Conducted emission at mains port**

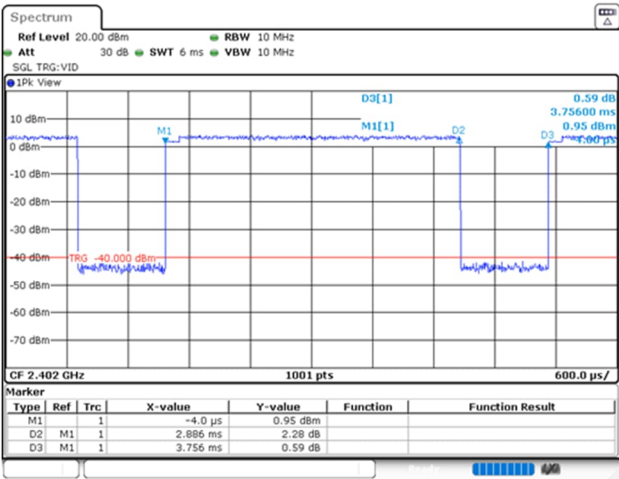
| Equipment       | Company                         | Model No.      | Serial No.      | Cal. Due    | Cal. Date   |
|-----------------|---------------------------------|----------------|-----------------|-------------|-------------|
| EMI receiver    | ROHDE&SCHWARZ                   | ESW44          | 103171          | 31-Dec-2025 | 2-Dec-2024  |
| LISN            | Kyoritsu Technology Corporation | TNW-407F2      | 12-17-110-2     | 30-Jun-2026 | 18-Jun-2025 |
| Attenuator      | HUBER+SUHNER                    | 6810.01.A      | N/A(S411)       | 31-Dec-2025 | 17-Dec-2024 |
| Microwave cable | HUBER+SUHNER                    | SUCOFLEX104/5m | MY33601/4       | 31-Dec-2025 | 17-Dec-2024 |
| Microwave cable | HUBER+SUHNER                    | SUCOFLEX104/2m | MY37268/4       | 31-Dec-2025 | 17-Dec-2024 |
| Coaxial cable   | HUBER+SUHNER                    | RG214/U/10m    | N/A(S194)       | 31-Dec-2025 | 19-Dec-2024 |
| 50Ω terminator  | TOYO Connector                  | BNC-TD 50Ω     | N/A(S514)       | 28-Feb-2026 | 6-Feb-2025  |
| Software        | TOYO Technica                   | ES10/CE-AJ     | Ver.2023.01.001 | N/A         | N/A         |

\*: The calibrations of the above equipment are traceable to NIST or equivalent standards of the reference organizations.

# Appendix B. Duty Cycle

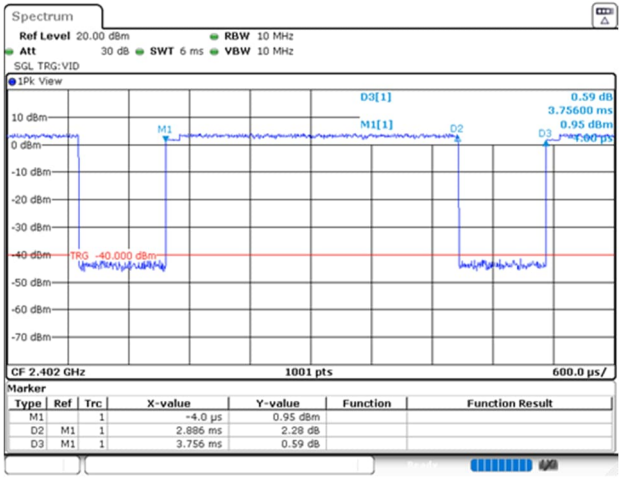
## [Plot & Calculation]

DH5



Duty Cycle = Ton / (Ton + Toff) = 2886[μs] / (2886[μs] + 870[μs]) = 76.84[%]

3-DH5



Duty Cycle = Ton / (Ton + Toff) = 2886[μs] / (2886[μs] + 870[μs]) = 76.84[%]