



# MEASUREMENT REPORT

## FCC PART 15.247 Bluetooth

Report No.: S20250626670301

Issue Date: 07-01-2025

**Applicant:** Huizhou Foryou General Electronics Co., Ltd.  
**Address:** No.2 District A, Foryou Industry Park, No. 1 North Shangxia Road, Dongjiang Hi tech Industry Park, Huizhou city, Guangdong Province, China 516005  
**FCC ID:** 2AEIN-YJ5320K00  
**Product:** MONITOR WITH RECEIVER  
**Model No.:** KW-Z900W  
**FCC Classification:** FCC Part 15 Spread Spectrum Transmitter (DSS)  
**FCC Rule Part(s):** Part 15 Subpart C (15.247)  
**Test Procedure(s):** ANSI C63.10-2013, KDB 558074 D01v05r02  
**Result:** Pass  
**Item Receipt Date:** Feb. 12, 2025  
**Test Date:** Feb. 24, 2025~ May.10, 2025

Compiled By

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Approved By

Line Chen

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The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.10-2013. Test results reported herein relate only to the item(s) tested.

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The test report must not be used by the client to claim product certifications, approval, or endorsement by NVLAP, NIST or any agency of U.S. Government.

## Revision History

| Report No.      | Version | Description | Issue Date |
|-----------------|---------|-------------|------------|
| S20250626670301 | Rev. 01 | /           | 07-01-2025 |
|                 |         |             |            |

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## §2.1033 General Information

|                                |                                                                                                                                                         |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applicant:</b>              | Huizhou Foryou General Electronics Co., Ltd.                                                                                                            |
| <b>Applicant Address:</b>      | No.2 District A, Foryou Industry Park, No. 1 North Shangxia Road,<br>Dongjiang Hi tech Industry Park, Huizhou city, Guangdong Province,<br>China 516005 |
| <b>Manufacturer:</b>           | Huizhou Foryou General Electronics Co., Ltd.                                                                                                            |
| <b>Manufacturer Address:</b>   | No.2 District A, Foryou Industry Park, No. 1 North Shangxia Road,<br>Dongjiang Hi tech Industry Park, Huizhou city, Guangdong Province,<br>China 516005 |
| <b>Factory:</b>                | Huizhou Foryou General Electronics Co., Ltd.                                                                                                            |
| <b>Factory Address:</b>        | No.2 District A, Foryou Industry Park, No. 1 North Shangxia Road,<br>Dongjiang Hi tech Industry Park, Huizhou city, Guangdong Province,<br>China 516005 |
| <b>Test Site:</b>              | Fanguang Inspection & Testing Co., Ltd.                                                                                                                 |
| <b>LAB ID:</b>                 | CN5037                                                                                                                                                  |
| <b>Test Site Address:</b>      | No.8 Ningyun Rd., Xinwu District Wuxi, Jiangsu 214000 China                                                                                             |
| <b>FCC Rule Part(s):</b>       | Part 15 Subpart C (15.247)                                                                                                                              |
| <b>FCC ID:</b>                 | 2AEIN-YJ5320K00                                                                                                                                         |
| <b>Test Device Serial No.:</b> | S/N.: /<br><input type="checkbox"/> Production <input checked="" type="checkbox"/> Pre-Production <input type="checkbox"/> Engineering                  |
| <b>FCC Classification:</b>     | Spread Spectrum Transmitter (DSS)                                                                                                                       |

## **1. Introduction**

### **1.1. Scope**

Measurement and determination of electromagnetic emissions (EMC) of radio frequency devices including intentional and/or unintentional radiators for compliance with the technical rules and regulations of the Federal Communications Commission and the Innovation, Science and Economic Development Canada.

### **1.2. FANGGUANG Test Location**

These measurement tests were performed at the Fangguang Inspection and testing Co.,LTD located at No.8 Ningyun Rd., Xinwu District Wuxi, Jiangsu 214000 China. The detailed description of the measurement facility was found to be in compliance with the requirements of ANSI C63.10-2013.

## 2. Product Information

### 2.1. Equipment Description

|                      |                                                                                                                                                                                                                                                                                                                                              |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name:        | MONITOR WITH RECEIVER                                                                                                                                                                                                                                                                                                                        |
| Model Name:          | KW-Z900W                                                                                                                                                                                                                                                                                                                                     |
| Trade Mark:          | JVC                                                                                                                                                                                                                                                                                                                                          |
| Input Voltage Range: | DC 12V                                                                                                                                                                                                                                                                                                                                       |
| Bluetooth Version:   | 5.3                                                                                                                                                                                                                                                                                                                                          |
| Temperature Range:   | -20℃~+80℃                                                                                                                                                                                                                                                                                                                                    |
| Hardware Version:    | V03                                                                                                                                                                                                                                                                                                                                          |
| Software Version:    | MCU: 00.20<br>MPU: 00.32                                                                                                                                                                                                                                                                                                                     |
| Note:                | 1. This information is provided by the Customer and its authenticity is the responsibility of the customer. This report is made solely on the basis of such data and/or information. We accept no responsibility for the authenticity and completeness of the above data and information and the validity of the results and/or conclusions. |

### 2.2. Product Specification Subjective to this Standard

|                      |                                                     |
|----------------------|-----------------------------------------------------|
| Operating Frequency: | 2402~2480MHz                                        |
| Channel Number:      | 79                                                  |
| Channel Spacing      | 1 MHz                                               |
| Type of modulation:  | GFSK, $\pi/4$ DQPSK, 8DPSK                          |
| Data Rate:           | 1Mbps (GFSK), 2Mbps ( $\pi/4$ DQPSK), 3Mbps (8DPSK) |
| Antenna Type:        | Chip Antenna                                        |
| Antenna Gain:        | 3.2dBi                                              |

Note: The maximum Antenna Gain was declared by the manufacturer.

The equipment under test (EUT) is the **MONITOR WITH RECEIVER**. The test data contained in this report pertains only to the emissions due to the EUT's Bluetooth transmitter.

- 15.247(g): In accordance with the Bluetooth Industry Standard, the system is designed to comply with all of the regulations in Section 15.247 when the transmitter is presented with a continuous data (or information) system.
- 15.247(h): In accordance with the Bluetooth Industry Standard, the system does not coordinate its channels selection/ hopping sequence with other frequency hopping systems for the express purpose of avoiding the simultaneous occupancy of individual hopping frequencies by multiple transmitters.
- 15.247(h): The EUT employs Adaptive Frequency Hopping (AFH) which identifies sources of interference namely devices operating in 802.11 WLAN and excludes them from the list of available channels. The process of re-mapping reduces the number of test channels from 79 channels to a minimum number of 20 channels.



### 2.3. Operation Frequency / Channel List

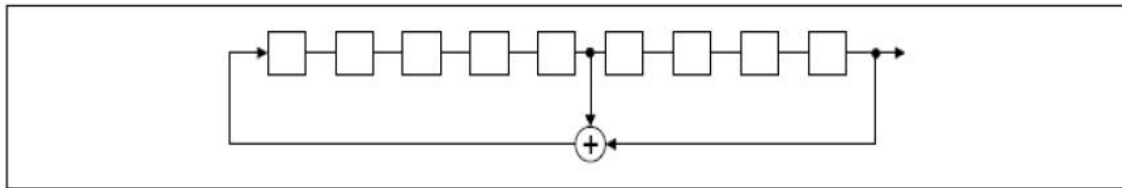
| Channel | Frequency | Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|---------|-----------|
| 00      | 2402 MHz  | 01      | 2403 MHz  | 02      | 2404 MHz  |
| 03      | 2405 MHz  | 04      | 2406 MHz  | 05      | 2407 MHz  |
| 06      | 2408 MHz  | 07      | 2409 MHz  | 08      | 2410 MHz  |
| 09      | 2411 MHz  | 10      | 2412 MHz  | 11      | 2413 MHz  |
| 12      | 2414 MHz  | 13      | 2415 MHz  | 14      | 2416 MHz  |
| 15      | 2417 MHz  | 16      | 2418 MHz  | 17      | 2419 MHz  |
| 18      | 2420 MHz  | 19      | 2421 MHz  | 20      | 2422 MHz  |
| 21      | 2423 MHz  | 22      | 2424 MHz  | 23      | 2425 MHz  |
| 24      | 2426 MHz  | 25      | 2427 MHz  | 26      | 2428 MHz  |
| 27      | 2429 MHz  | 28      | 2430 MHz  | 29      | 2431 MHz  |
| 30      | 2432 MHz  | 31      | 2433 MHz  | 32      | 2434 MHz  |
| 33      | 2435 MHz  | 34      | 2436 MHz  | 35      | 2437 MHz  |
| 36      | 2438 MHz  | 37      | 2439 MHz  | 38      | 2440 MHz  |
| 39      | 2441 MHz  | 40      | 2442 MHz  | 41      | 2443 MHz  |
| 42      | 2444 MHz  | 43      | 2445 MHz  | 44      | 2446 MHz  |
| 45      | 2447 MHz  | 46      | 2448 MHz  | 47      | 2449 MHz  |
| 48      | 2450 MHz  | 49      | 2451 MHz  | 50      | 2452 MHz  |
| 51      | 2453 MHz  | 52      | 2454 MHz  | 53      | 2455 MHz  |
| 54      | 2456 MHz  | 55      | 2457 MHz  | 56      | 2458 MHz  |
| 57      | 2459 MHz  | 58      | 2460 MHz  | 59      | 2461 MHz  |
| 60      | 2462 MHz  | 61      | 2463 MHz  | 62      | 2464 MHz  |
| 63      | 2465 MHz  | 64      | 2466 MHz  | 65      | 2467 MHz  |
| 66      | 2468 MHz  | 67      | 2469 MHz  | 68      | 2470 MHz  |
| 69      | 2471 MHz  | 70      | 2472 MHz  | 71      | 2473 MHz  |
| 72      | 2474 MHz  | 73      | 2475 MHz  | 74      | 2476 MHz  |
| 75      | 2477 MHz  | 76      | 2478 MHz  | 77      | 2479 MHz  |
| 78      | 2480 MHz  | -       | -         | -       | -         |

EUT was tested with Channel 0, 39 and 78.

## 2.4. Pseudorandom Frequency Hopping Sequence

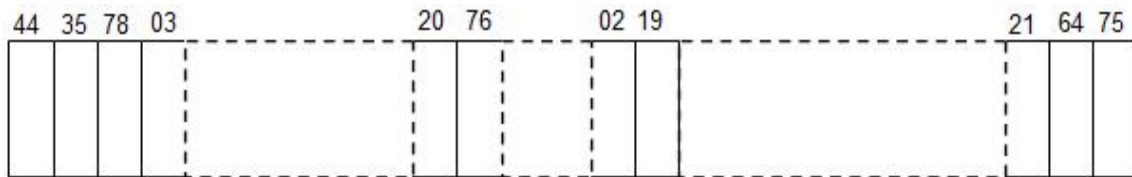
The pseudorandom sequence may be generated in a nine-stage shift register whose 5th and 9th stage outputs are added in a modulo-two addition stage. And the result is fed back to the input of the first stage. The sequence begins with the first ONE of 9 consecutive ONES; i.e. the shift register is initialized with nine ones.

- Number of shift register stages: 9
- Length of pseudo-random sequence:  $2^9 - 1 = 511$  bits
- Longest sequence of zeros: 8 (non-inverted signal)



Linear Feedback Shift Register for Generation of the PRBS sequence

An example of Pseudorandom Frequency Hopping Sequence as follow:



Each frequency used equally on the average by each transmitter.

The system receivers have input bandwidths that match the hopping channel bandwidths of their Corresponding transmitters and shift frequencies in synchronization with the transmitted signals.

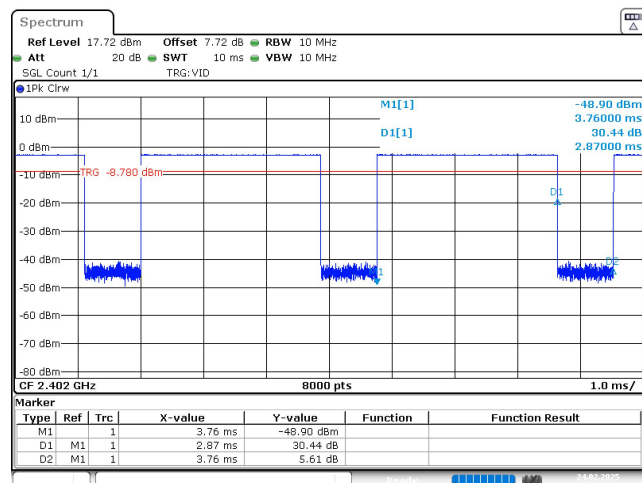
## 2.5. Device Capabilities

This device contains the following capabilities:Bluetooth (5.3)

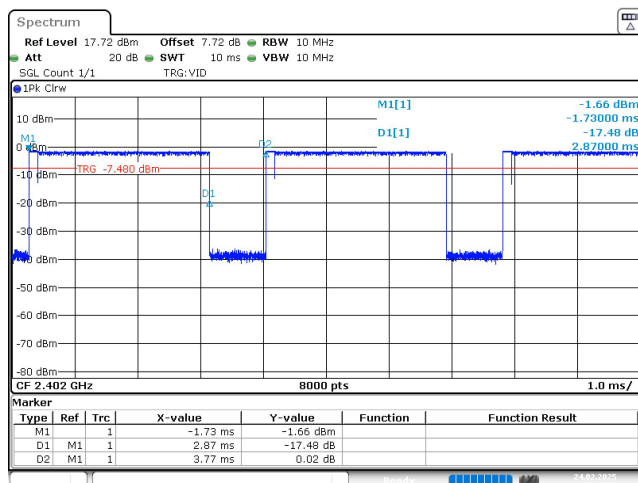
**Note:** The maximum achievable duty cycle was determined based on measurements performed on a spectrum analyzer in zero-span mode with RBW = 10MHz, VBW = 10MHz. The RBW and VBW were both greater than 50/T, where T is the minimum transmission duration, and the number of sweep points across T was greater than 100. The duty cycles are as follows:

| Test Mode | Antenna | Frequency [MHz] | ON Time [ms] | Period [ms] | DC [%] | T [s]   |
|-----------|---------|-----------------|--------------|-------------|--------|---------|
| DH5       | Ant1    | 2402            | 2.87         | 3.76        | 76.33  | 0.00287 |
| 2DH5      | Ant1    | 2402            | 2.87         | 3.77        | 76.13  | 0.00287 |
| 3DH5      | Ant1    | 2402            | 2.87         | 3.77        | 76.13  | 0.00287 |

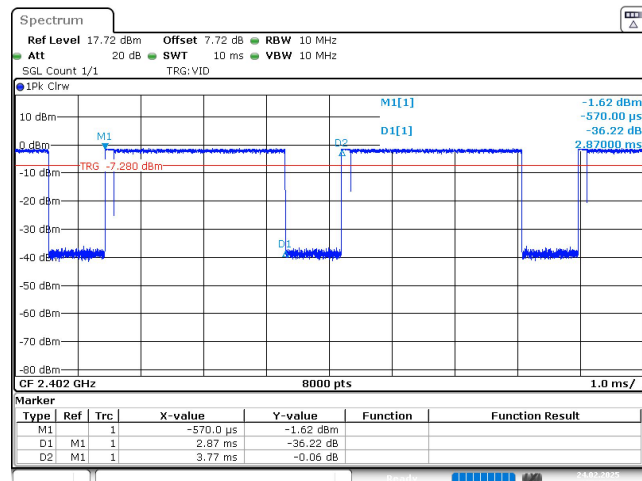
## DH5\_2402MHz



## 2DH5\_2402MHz



## 3DH5\_2402MHz

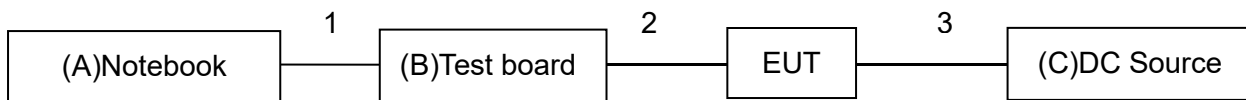


## 2.6. Description of Test Software

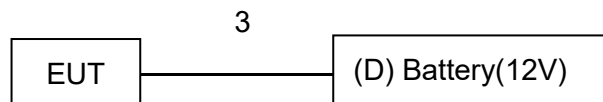
The test utility software used during testing was “RTLBTAPP.exe”, and the test software power level setting is Default.

## 2.7. Test Configuration

For 20dB Bandwidth& Carrier Frequencies Separated & Hopping Channel Number & Dwell Time &Conducted band edges and Spurious Emission & Duty Cycle & Maximum Peak Output Power:



For Radiated Spurious Emission&Restricted bands of operation:



## 2.8. EMI Suppression Device(s)/Modifications

| No. | Name of equipment | Manufacturer | Model        | Serial number | Note |
|-----|-------------------|--------------|--------------|---------------|------|
| A   | Notebook          | DELL         | Latitude3300 | 2C6CFW2       | /    |
| B   | Test board        | /            | /            | /             | /    |
| C   | DC Source         | Keysight     | E36131A      | /             | /    |
| D   | Battery(12V)      | /            | /            | /             | /    |

| No. | Cable Type   | Qty. | Shielded Type | Ferrite Core(Qty.) | Length |
|-----|--------------|------|---------------|--------------------|--------|
| 1   | USB cable    | 1    | No            | 0                  | 1.0m   |
| 2   | Serial cable | 1    | No            | 0                  | 0.4m   |
| 3   | DC cable     | 1    | No            | 0                  | 1.5m   |

Note: The notebook is just used to produce fixed frequency transmitting.

## 2.9. EUT Photo

The EUT external photo, internal photo and test setup photo, please refer to the plots in the S202506266703-A1/A2/A3.

## **2.10. Labeling Requirements**

Per 2.1074 & 15.19; Docket 95-19

The label shall be permanently affixed at a conspicuous location on the device; instruction manual or pamphlet supplied to the user and be readily visible to the purchaser at the time of purchase.

However, when the device is so small wherein placement of the label with specified statement is not practical, only the FCC ID must be displayed on the device per Section 15.19(a)(5). Please see attachment for FCC ID label and label location.

## **2.11. Calculation with all conversion and correction factors used**

For AC Line Conducted Emissions Test:

Measure Level (dB $\mu$ V) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

For Radiated Emissions Below 1GHz Test:

Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

For Radiated Emissions Above 1GHz Test:

Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

### **3. Description of Test**

#### **3.1. Evaluation Procedure**

The measurement procedures described in the American National Standard for Testing Unlicensed Wireless Devices (ANSI C63.10-2013), and the “Filing were used in the measurement of the EUT.

**Deviation from measurement procedure.....None**

## 4. Antenna Requirements

### **Excerpt from §15.203 of the FCC Rules/Regulations:**

“An intentional radiator antenna shall be designed to ensure that no antenna other than that furnished by the responsible party can be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.”

- Use a unique coupling to the intentional radiator.



## 5. Test Equipment Calibration Date

### Conducted Emissions

| Instrument         | Manufacturer | Type No. | Asset No.       | Cali. Interval | Cali. Due Date |
|--------------------|--------------|----------|-----------------|----------------|----------------|
| EMI Test Receiver  | R&S          | ESR3     | FWXGJC-2016-181 | 1 year         | 2025/07/22     |
| Two-Line V-Network | R&S          | ENV 216  | FWXGJC-2016-182 | 1 year         | 2025/07/23     |
| Thermohygrometer   | Yuhuaze      | HTC-1    | FWXDA-2016-385  | 1 year         | 2025/09/03     |

### Radiated Emission

| Instrument             | Manufacturer | Type No.    | Asset No.          | Cali. Interval | Cali. Due Date |
|------------------------|--------------|-------------|--------------------|----------------|----------------|
| Loop Antenna           | Schwarzbeck  | FMZB 1519B  | FWXGJC-2018-015    | 1 year         | 2025/07/23     |
| Bi-Log Antenna         | R&S          | VULB 9168   | FGZZ-2024-036      | 1 year         | 2025/08/03     |
| Broadband Horn Antenna | R&S          | HF907       | FWXGJC-2016-267-07 | 1 year         | 2025/07/26     |
| Broadband Horn Antenna | Schwarzbeck  | BBHA9170    | FWXGJC-2018-016    | 1 year         | 2025/07/26     |
| EMI Receiver           | R&S          | ESCI3       | FGZZ-2024-033      | 1 year         | 2025/07/18     |
| EXA Signal Analyzer    | Keysight     | N9020A      | FWXGJC-2025-006    | 1 year         | 2025/07/14     |
| EXA Signal Analyzer    | Keysight     | N9010B      | FWXGJC-2018-010    | 1 year         | 2025/07/14     |
| Pre-Amplifier          | Tonscend     | TAP0118048  | FGZZ-2024-037      | 1 year         | 2025/08/19     |
| Pre-Amplifier          | Chengyi      | EMC184055SE | FWXGJC-2018-018    | 1 year         | 2025/07/23     |
| Thermohygrometer       | Yuhuaze      | HTC-1       | FWXDA-2016-387     | 1 year         | 2025/09/03     |
| Anechoic Chamber       | SAEMC        | FSAC318     | FWXGJC-2024-035    | 3 year         | 2027/06/02     |

### Conducted Test Equipment

| Instrument          | Manufacturer | Type No. | Asset No.              | Cali. Interval | Cali. Due Date |
|---------------------|--------------|----------|------------------------|----------------|----------------|
| EXA Signal Analyzer | Keysight     | N9010B   | FWXGJC-2018-010        | 1 year         | 2025/07/15     |
| RF Control Unit     | Toncend      | JS0806-2 | FWXGJC-2018-013        | 1 year         | 2025/07/26     |
| Thermohygrometer    | Yuhuaze      | HTC-1    | FWXDA-2016-385         | 1 year         | 2025/09/03     |
| Spectrum Analyzer   | R&S          | FSV30    | 1321.3008K30-104381-rH | 1 year         | 2025/09/22     |
| Pulse power sensor  | Anritsu      | MA2411B  | 1126150                | 1 year         | 2025/12/07     |
| Power meter         | Anritsu      | ML2495A  | 1204003                | 1 year         | 2025/12/07     |

| Test Software        | Manufacturer | Version | Asset No. | Function           |
|----------------------|--------------|---------|-----------|--------------------|
| JS1120-3 Test System | tonscend     | V3.3.10 | /         | Conducted Test     |
| JS32                 | tonscend     | V5.0.0  | /         | Radiated Emission  |
| EMI Test Software    | R&S          | 9.26.00 | /         | Conducted Emission |

## Auxiliary Equipment

| Instrument | Manufacturer | Type No. | Asset No. | Cali. Interval | Cali. Due Date |
|------------|--------------|----------|-----------|----------------|----------------|
| Filter     | Tonscend     | ZBSF6    | 07247867  | 1 year         | 2025/07/26     |
| Filter     | Tonscend     | ZHPF6    | 07233297  | 1 year         | 2025/07/26     |
| Attenuator | Tonscend     | 10dB     | /         | 1 year         | 2025/07/26     |
| RF Cable   | Tonscend     | T-1      | /         | 1 year         | 2025/07/26     |

## 6. Measurement Uncertainty

Where relevant, the following test uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of  $k = 2$ .

|                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------|
| <b>AC Conducted Emission Measurement</b>                                                                                |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2Uc(y)$ ):<br>2.68dB                                        |
| <b>Radiated Emission Measurement (9kHz - 30MHz)</b>                                                                     |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2Uc(y)$ ):<br>3.06dB                                        |
| <b>Radiated Emission Measurement (30MHz -1GHz)</b>                                                                      |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2Uc(y)$ ):<br>4.01dB                                        |
| <b>Radiated Emission Measurement (1-18GHz)</b>                                                                          |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2Uc(y)$ ):<br>4.97dB                                        |
| <b>Radiated Emission Measurement (18-40GHz)</b>                                                                         |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2Uc(y)$ ):<br>5.32dB                                        |
| <b>Spurious Emissions, Conducted</b>                                                                                    |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2Uc(y)$ ):<br>30MHz-1GHz: 1.00 dB<br>1GHz-12.75GHz: 1.30 dB |
| <b>Output Power</b>                                                                                                     |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2Uc(y)$ ):<br>0.60dB                                        |
| <b>Power Spectrum Density</b>                                                                                           |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2Uc(y)$ ):<br>0.80dB                                        |
| <b>Occupied Bandwidth</b>                                                                                               |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2Uc(y)$ ):<br>0.20MHz                                       |
| <b>Frequency Stability</b>                                                                                              |
| Measuring Uncertainty for a Level of Confidence of 95% ( $U=2Uc(y)$ ):<br>$0.1 \times 10^{-6}$ MHz                      |

## 7. Test Result

### 7.1. Summary

| FCC Part Section(s) | Test Description                                                              | Test Limit                                                                     | Test Condition | Test Result | Reference                  |
|---------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------|-------------|----------------------------|
| 15.247(a)(1)        | 20dB Bandwidth                                                                | N/A                                                                            | Conducted      | PASS        | Section 7.2                |
| 15.247(b)(1)        | Peak Transmitter Output Power                                                 | <0.125 Watt if > 75 non-overlapping channels used                              |                | PASS        | Section 7.3                |
| 15.247(a)(1)        | Channel Separation                                                            | > 2/3 of 20 dB BW for systems with Output Power < 125mW                        |                | PASS        | Section 7.4                |
| 15.247(a)(1)(i ii)  | Number of Channels                                                            | > 15 Channels                                                                  |                | PASS        | Section 7.5                |
| 15.247(a)(1)(i ii)  | Time of Occupancy                                                             | < 0.4 sec in 31.6 sec period                                                   |                | PASS        | Section 7.6                |
| 15.247(d)           | Band Edge / out-of-Band Emissions                                             | Conducted $\geq$ 20dBc                                                         |                | PASS        | Section 7.7                |
| 15.205, 15.209      | General Field Strength Limits (Restricted Bands and Radiated Emission Limits) | Emissions in restricted bands must meet the radiated limits detailed in 15.209 | Radiated       | PASS        | Section 7.8<br>Section 7.9 |
| 15.207              | AC Conducted Emissions 150kHz - 30MHz                                         | < FCC 15.207 limits                                                            | Line Conducted | N/A         | Section 7.10               |

#### Notes:

- 1) The analyzer plots shown in this section were all taken with a correction table loaded into the analyzer. The correction table was used to account for the losses of the cables and attenuators used as part of the system to connect the EUT to the analyzer at all frequencies of interest.
- 2) All modes of operation and data rates were investigated. The test results shown in the following sections represent the worst case emissions.

- 3) All antenna port conducted emissions testing was performed on a test bench with the antenna port of the EUT connected to the spectrum analyzer through calibrated cables and attenuators.
- 4) N/A is not applicable to this Equipment. This EUT is no AC mains power ports.

## 7.2. 20dB Bandwidth Measurement

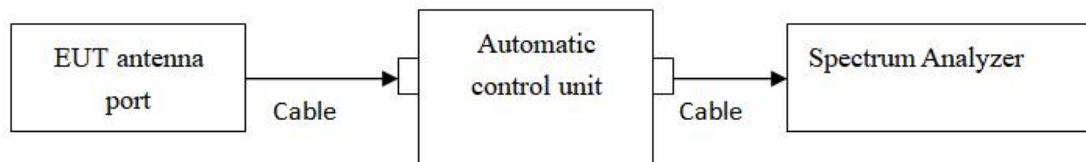
### 7.2.1. Test Limit

Frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.

### 7.2.2. Test Setting

- 1) Remove the antenna from the EUT, and then connect a low loss RF cable from antenna port to the spectrum analyzer.
- 2) Set the spectrum analyzer as RBW=30 kHz, VBW=100 kHz, Span=3MHz, Sweep = auto. Allow the trace to stabilize, record 20dB bandwidth value
- 3) Repeat until all the test channels are investigated.

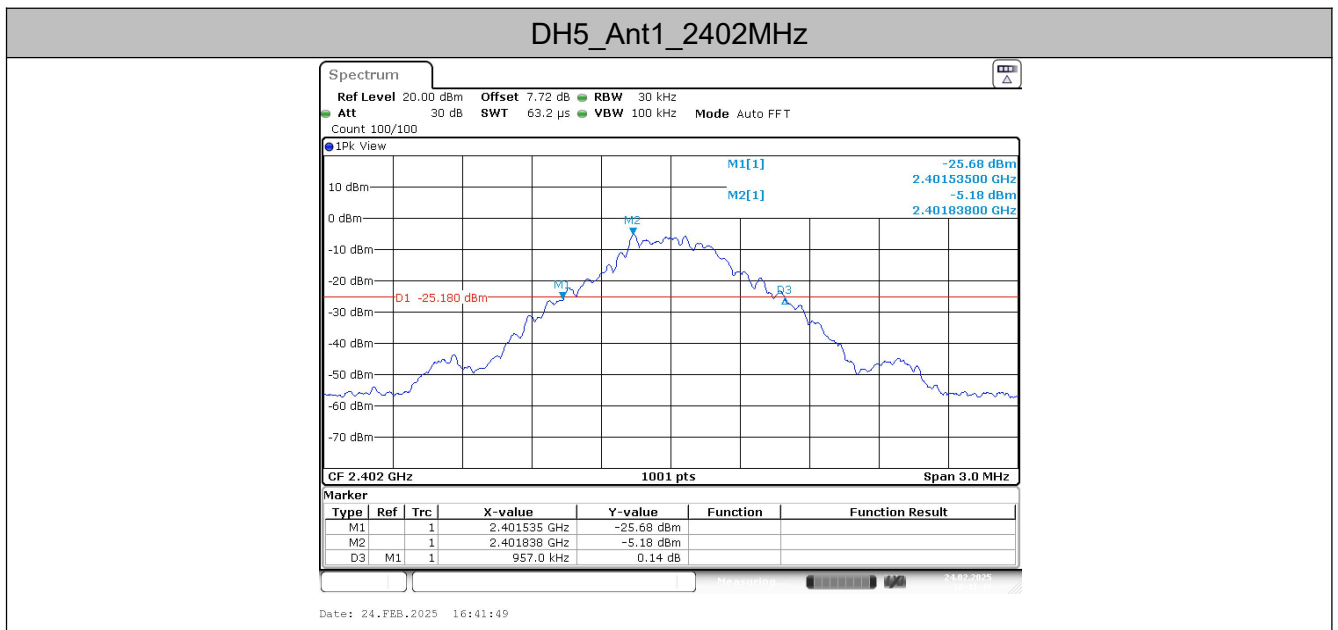
### 7.2.3. Test Setup



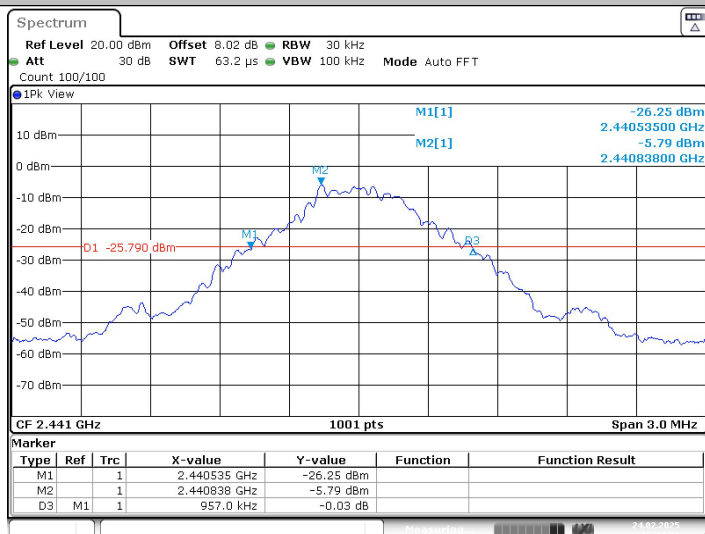
## 7.2.4. Test Result

| Test Mode | Antenna | Channel | Frequency [MHz] | 20 dB Bandwidth [MHz] |
|-----------|---------|---------|-----------------|-----------------------|
| DH5       | Ant1    | Lowest  | 2402            | 0.96                  |
|           |         | Middle  | 2441            | 0.96                  |
|           |         | Highest | 2480            | 0.96                  |
| 2DH5      | Ant1    | Lowest  | 2402            | 1.26                  |
|           |         | Middle  | 2441            | 1.31                  |
|           |         | Highest | 2480            | 1.31                  |
| 3DH5      | Ant1    | Lowest  | 2402            | 1.28                  |
|           |         | Middle  | 2441            | 1.34                  |
|           |         | Highest | 2480            | 1.34                  |

## Test Graphs

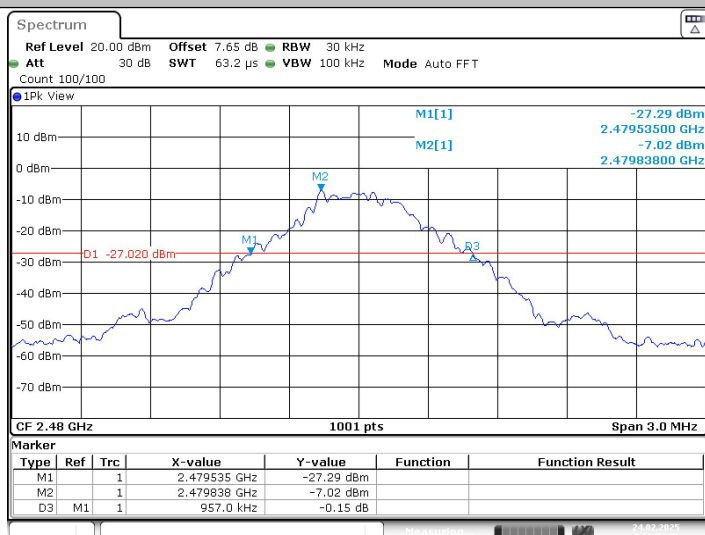


## DH5\_Ant1\_2441MHz



Date: 24.FEB.2025 16:44:12

## DH5\_Ant1\_2480MHz



Date: 24.FEB.2025 16:54:56