

Dates of Tests: April 15, 2026 ~ July 21, 2026  
Test Site : LTA CO., LTD.

## CERTIFICATION OF COMPLIANCE

FCC ID.

**2BW2AFTVNS-M07**

APPLICANT

**815MnB**

|                           |   |                                                       |
|---------------------------|---|-------------------------------------------------------|
| Equipment Class           | : | Digital Transmission System (DTS)                     |
| Manufacturing Description | : | Transcutaneous Vagus Nerve Stimulation Remote control |
| Manufacturer              | : | 815MnB                                                |
| Model name                | : | FtVNS-M07                                             |
| Test Device Serial No.:   | : | Identical prototype                                   |
| Rule Part(s)              | : | FCC Part 15.247 Subpart C ; ANSI C63.10 - 2020        |
| Frequency Range           | : | 2402 ~ 2480 MHz BLE                                   |
| Max. Output Power         | : | Max -12.88 dBm - Conducted                            |
| Data of issue             | : | July 21, 2026                                         |

This test report is issued under the authority of:

The test was supervised by:



Eun-Hwan Jung, Manager



Jae-Humm Yeon, Test Engineer

Revision history

| Revision | Date of issue | Description | Revised by |
|----------|---------------|-------------|------------|
| --       | July 21 ,2026 | Initial     | -          |
|          |               |             |            |

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## 1. General information

### 1-1 Test Performed

Company name : LTA Co., Ltd.  
 Address : 243, Jubug-ri, Yangji-Myeon, Youngin-Si, Kyunggi-Do, Korea. 449-822  
 Web site : <http://www.ltalab.com>  
 E-mail : [chahn@ltalab.com](mailto:chahn@ltalab.com)  
 Telephone : +82-31-323-6008  
 Facsimile : +82-31-323-6010

Quality control in the testing laboratory is implemented as per ISO/IEC 17025 which is the “General requirements for the competents of calibration and testing laboratory”.

### 1-2 Accredited agencies

LTA Co., Ltd. is approved to perform EMC testing by the following agencies:

| Agency | Country | Accreditation No. | Validity   | Reference           |
|--------|---------|-------------------|------------|---------------------|
| RRA    | KOREA   | KR0049            | -          | EMC accredited Lab. |
| FCC    | U.S.A   | 649054            | 2027-02-27 | FCC CAB             |
| VCCI   | JAPAN   | C-14948,          | 2026-09-10 | VCCI registration   |
| VCCI   | JAPAN   | T-12416,          | 2026-09-10 | VCCI registration   |
| VCCI   | JAPAN   | R-14483           | 2026-10-15 | VCCI registration   |
| VCCI   | JAPAN   | G-10847           | 2027-12-13 | VCCI registration   |
| IC     | CANADA  | 5799A-1           | 2026-08-15 | IC filing           |

## 2. Information about test item

### 2-1 Client & Manufacturer

Client Company name : 815MnB

Address : 408, 20 Hoseo-ro 79beon-gil, Baebang-eup, Asan-si, South Korea

Tel / Fax : +82-010-5308-1435/ +82-041-532-8015

Manufacturer : 815MnB

Address : 408, 20 Hoseo-ro 79beon-gil, Baebang-eup, Asan-si, South Korea

Tel / Fax : +82-010-5308-1435/ +82-041-532-8015

### 2-2 Equipment Under Test (EUT)

Model name : FtVNS-M07

Serial number : Identical prototype

Date of receipt : April 15, 2026

EUT condition : Pre-production, not damaged

Antenna type : PCB Antenna (Gain : 3.0 dBi)

Frequency Range : 2402 ~ 2480 MHz

RF output power : Max -12.88 dBm – Conducted

Type of Modulation : GFSK

Power Source : DC 3.7 V

### 2-3 Tested frequency

| Bluetooth       | LOW  | MID  | HIGH |
|-----------------|------|------|------|
| Frequency (MHz) | 2402 | 2440 | 2480 |

### 2-4 Ancillary Equipment

| Equipment | Model No. | Serial No. | Manufacturer |
|-----------|-----------|------------|--------------|
| Notebook  | -         | MS-1736    | MSI          |

3. Test Report

3.1 Summary of tests

| FCC Part<br>Section(s) | Parameter             | Limit | Test<br>Condition | Status<br>(note 1) |
|------------------------|-----------------------|-------|-------------------|--------------------|
| §1.1310 and §2.1091    | RF EXPOSURE EVULATION | -     | -                 | C                  |

*Note 1:* C=Complies    NC=Not Complies    NT=Not Tested    NA=Not Applicable

## 3.2 RF EXPOSURE EVALUATION

### 1.1 Limit

According to §1.1310 and §2.1091 RF exposure is calculated.

(B) Limits for General Population/Uncontrolled Exposures

| Frequency range (MHz)                                    | Electric field Strength (V/m) | Magnetic field Strength (A/m) | Power density (mW/cm <sup>2</sup> ) | Averaging time (minutes) |
|----------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------------|--------------------------|
| (i) Limits for Occupational/Controlled Exposure          |                               |                               |                                     |                          |
| 0.3 – 3.0                                                | 614                           | 1.63                          | *(100)                              | <6                       |
| 3.0 - 30                                                 | 1824/f                        | 4.89/f                        | *(900/f <sup>2</sup> )              | <6                       |
| 30 - 300                                                 | 61.4                          | 0.163                         | 1.0                                 | <6                       |
| 300 – 1,500                                              |                               |                               | f/300                               | <6                       |
| 1,500 – 100,000                                          |                               |                               | 5                                   | <6                       |
| (ii) Limits for General Population/Uncontrolled Exposure |                               |                               |                                     |                          |
| 0.3 – 3.0                                                | 614                           | 1.63                          | *(100)                              | <30                      |
| 3.0 - 30                                                 | 824/f                         | 2.19/f                        | *(180/f <sup>2</sup> )              | <30                      |
| 30 - 300                                                 | 27.5                          | 0.073                         | 0.20                                | <30                      |
| 300 – 1,500                                              |                               |                               | f/1500                              | <30                      |
| 1,500 – 100,000                                          |                               |                               | 1.0                                 | <30                      |

F = frequency in MHz

\* = Plane-wave equivalent power density

### 1.3 MAXIMUM PERMISSIBLE EXPOSURE Prediction

- Calculated under the worst-case conditions of each mode.

(Measured power -12 dBm  $\pm$  0.5dB)

|                                                 |        |     |
|-------------------------------------------------|--------|-----|
| Max Peak output Power at antenna input terminal | -12.88 | dBm |
| Max Peak output Power at antenna input terminal | 0.05   | mW  |
| Prediction distance                             | 5      | mm  |
| Prediction frequency                            | 2402   | MHz |
| Antenna Gain(typical)                           | 3      | dBi |
| Antenna Gain(numeric)                           | 2      | -   |

SAR Test exclusion thresholds for 100MHz to 6GHz at test separation distance  $\leq 5$  mm = **Used**

$[(\text{max.power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] * [\sqrt{f(\text{GHz})}]$

$= [0.05 / 5] * [\sqrt{2.402}] = 0.01 \leq 3.0$ , for 1g SAR

**Thus, SAR for this device is not required.**