

# Certificate

of  
Radio Equipment in JAPAN

No: 201-210336 / 00

Telefication, operating as Conformity Assessment Body (CAB ID Number: 201) with respect to Japan, declares that the listed product complies with the Technical Regulations Conformity Certification of Specified Radio equipment (ordinance of MPT N° 37,1981)

Product description: **InfoLinker3 Neckband Type Computer**  
Trademark: **WESTUNITIS**  
Type designation: **WL-03ANBZ**  
Hardware / Software version: **DVT1-3 / Neckband Version: 20210308162534 HMD Version: 20210308**

Manufacturer: **WESTUNITIS CO., LTD.**  
Address: **29F Grand Front Osaka Tower-A, 4-20, Ofukacho, Kita-ku**  
City: **Osaka**  
Country: **Japan**

This certificate is granted to:

Name: **WESTUNITIS CO., LTD.**  
Address: **29F Grand Front Osaka Tower-A, 4-20, Ofukacho, Kita-ku**  
City: **Osaka**  
Country: **Japan**

This certificate has THREE Annexes.

Apeldoorn, 02 June 2021

**CAB**



David Chen  
Product Assessor





- The validity of this Certificate is limited to products, which are equal to the one examined in the type-examination
- When the manufacturer (or holder of this certificate) is placing the product on the Japanese market, the product must be affixed with the following Specified Radio Equipment marking:



**R** 201-210336

#### Remarks and observations

The following conditions are applicable:

Max SAR values: 1.781 W/kg (10g) (Limbs at 5mm distance), 1.893 W/kg (10g) (Simultaneous Transmission)

Antennas for IEEE 802.11a/b/g/n/ac & Bluetooth:

Monopole antenna, max gain of -0.11 dBi at 2.4 GHz and max gain of 2.79 dBi at 5 GHz

Antennas for LTE:

Fixed internal antenna, max gain of 1.41 dBi at LTE Band

## Documentation lodged for this type-examination

### Test Reports:

- SHENZHEN MORLAB COMMUNICATIONS TECHNOLOGY Co., Ltd.: SZ21030237S01, 25 May 2021
- SHENZHEN MORLAB COMMUNICATIONS TECHNOLOGY Co., Ltd.: SZ21030237W01, 18 May 2021
- SHENZHEN MORLAB COMMUNICATIONS TECHNOLOGY Co., Ltd.: SZ21030237W02, 18 May 2021
- SHENZHEN MORLAB COMMUNICATIONS TECHNOLOGY Co., Ltd.: SZ21030237W03, 18 May 2021
- SHENZHEN MORLAB COMMUNICATIONS TECHNOLOGY Co., Ltd.: SZ21030237W04, 18 May 2021
- SHENZHEN MORLAB COMMUNICATIONS TECHNOLOGY Co., Ltd.: SZ21030237W05, 21 May 2021

### Product Documentation:

- Assembly drawings
- Bill of materials
- Block diagram
- Electrical diagrams
- Antenna specifications
- Internal photos
- Manual
- Production quality
- Test setup photos

## Technical Standards and Specifications

The product shows no non-compliances with:

- Equipment Radio Regulations: 2008 (including amendments)

Chapter I, General Provisions

Chapter II, Transmitting equipment

Chapter III, Receiving Equipment

Chapter IV, section 4.17 article 49.20

Chapter IV, section 4.27 article 49.29

Chapter IV, section 4.4.5 article 49.6.9

Radio equipment specified in:

Item 11-19, Paragraph 1, Article 2

Item 19, Paragraph 1, Article 2

Item 19-3, Paragraph 1, Article 2

Item 54, Paragraph 1, Article 2

## Technical features and characteristics

The product includes the following features and characteristics:

### Bluetooth

- Operating frequency range: 2402-2480 MHz (79 channels)
- ITU designation: 78M9 F1D,G1D
- Maximum output power: 0.5 mW/MHz rated

### Bluetooth LE\_1M

- Operating frequency range: 2402-2480 MHz (40 channels)
- ITU designation: 1M06 F1D
- Maximum output power: 8.0 mW rated

### Bluetooth LE\_2M

- Operating frequency range: 2402-2480 MHz (40 channels)
- ITU designation: 2M08 F1D
- Maximum output power: 8.0 mW rated

### IEEE 802.11b

- Operating frequency range: 2412-2472 MHz (13 channels)
- ITU designation: 14M4 G1D
- Maximum output power: 10 mW/MHz rated

### IEEE 802.11g

- Operating frequency range: 2412-2472 MHz (13 channels)
- ITU designation: 17M0 D1D,G1D
- Maximum output power: 8 mW/MHz rated

### IEEE 802.11n 20 MHz

- Operating frequency range: 2412-2472 MHz (13 channels)
- ITU designation: 18M1 D1D,G1D
- Maximum output power: 5 mW/MHz rated

### IEEE 802.11n 40 MHz

- Operating frequency range: 2422-2462 MHz (9 channels)
- ITU designation: 36M2 D1D,G1D
- Maximum output power: 3 mW/MHz rated

### IEEE 802.11a

- Operating frequency range: 5180-5240 MHz (4 channels)
- ITU designation: 16M5 D1D,G1D
- Maximum output power: 3 mW/MHz rated

### IEEE 802.11n 20 MHz

- Operating frequency range: 5180-5240 MHz (4 channels)
- ITU designation: 16M5 D1D,G1D
- Maximum output power: 3 mW/MHz rated

### IEEE 802.11n 40 MHz

- Operating frequency range: 5190-5230 MHz (2 channels)
- ITU designation: 36M2 D1D,G1D
- Maximum output power: 1 mW/MHz rated

### IEEE 802.11ac (VHT20)

- Operating frequency range: 5180-5240 MHz (4 channels)
- ITU designation: 16M5 D1D,G1D
- Maximum output power: 2 mW/MHz rated

**IEEE 802.11ac (VHT40)**

- Operating frequency range: 5190-5230 MHz (2 channels)
- ITU designation: 36M2 D1D,G1D
- Maximum output power: 1 mW/MHz rated

**IEEE 802.11ac (VHT80)**

- Operating frequency range: 5210-5210 MHz
- ITU designation: 75M5 D1D,G1D
- Maximum output power: 0.5 mW/MHz rated

**IEEE 802.11a**

- Operating frequency range: 5260-5320 MHz (4 channels)
- ITU designation: 16M5 D1D,G1D
- Maximum output power: 3 mW/MHz rated

**IEEE 802.11n 20 MHz**

- Operating frequency range: 5260-5320 MHz (4 channels)
- ITU designation: 16M5 D1D,G1D
- Maximum output power: 3 mW/MHz rated

**IEEE 802.11n 40 MHz**

- Operating frequency range: 5270-5310 MHz (2 channels)
- ITU designation: 36M2 D1D,G1D
- Maximum output power: 1 mW/MHz rated

**IEEE 802.11ac (VHT20)**

- Operating frequency range: 5260-5320 MHz (4 channels)
- ITU designation: 16M5 D1D,G1D
- Maximum output power: 2 mW/MHz rated

**IEEE 802.11ac (VHT40)**

- Operating frequency range: 5270-5310 MHz (2 channels)
- ITU designation: 36M2 D1D,G1D
- Maximum output power: 1 mW/MHz rated

**IEEE 802.11ac (VHT80)**

- Operating frequency range: 5290-5290 MHz
- ITU designation: 75M5 D1D,G1D
- Maximum output power: 0.5 mW/MHz rated

**IEEE 802.11a**

- Operating frequency range: 5500-5720 MHz (12 channels)
- ITU designation: 16M5 D1D,G1D
- Maximum output power: 3 mW/MHz rated

**IEEE 802.11n 20 MHz**

- Operating frequency range: 5500-5720 MHz (12 channels)
- ITU designation: 16M5 D1D,G1D
- Maximum output power: 3 mW/MHz rated

**IEEE 802.11n 40 MHz**

- Operating frequency range: 5510-5710 MHz (6 channels)
- ITU designation: 36M2 D1D,G1D
- Maximum output power: 1 mW/MHz rated

**IEEE 802.11ac (VHT20)**

- Operating frequency range: 5500-5720 MHz (12 channels)
- ITU designation: 16M5 D1D,G1D
- Maximum output power: 2 mW/MHz rated

**IEEE 802.11ac (VHT40)**

- Operating frequency range: 5510-5710 MHz (6 channels)
- ITU designation: 36M2 D1D,G1D
- Maximum output power: 1 mW/MHz rated

**IEEE 802.11ac (VHT80)**

- Operating frequency range: 5530-5690 MHz (3 channels)
- ITU designation: 75M6 D1D,G1D
- Maximum output power: 0.5 mW/MHz rated

**LTE FDD Band 1**

- Operating frequency range: 1922.5-1927.1 MHz (100kHz interval 47 channels)
- ITU designation: 5M00 D1A,D1B,D1C,D1D,D1F,D1X,D7W,G1A,G1B,G1C,G1D,G1F,G1X,G7W
- Maximum output power: 23 dBm rated

**LTE FDD Band 1**

- Operating frequency range: 1927.2-1977.5 MHz (100kHz interval 504 channels)
- ITU designation: 5M00 D1A,D1B,D1C,D1D,D1F,D1X,D7W,G1A,G1B,G1C,G1D,G1F,G1X,G7W
- Maximum output power: 23 dBm rated

**LTE FDD Band 1**

- Operating frequency range: 1925.0-1934.6 MHz (100kHz interval 97 channels)
- ITU designation: 10M0 D1A,D1B,D1C,D1D,D1F,D1X,D7W,G1A,G1B,G1C,G1D,G1F,G1X,G7W
- Maximum output power: 23 dBm rated

**LTE FDD Band 1**

- Operating frequency range: 1934.7-1975.0 MHz (100kHz interval 404 channels)
- ITU designation: 10M0 D1A,D1B,D1C,D1D,D1F,D1X,D7W,G1A,G1B,G1C,G1D,G1F,G1X,G7W
- Maximum output power: 23 dBm rated

**LTE FDD Band 1**

- Operating frequency range: 1927.5-1942.1 MHz (100kHz interval 147 channels)
- ITU designation: 15M0 D1A,D1B,D1C,D1D,D1F,D1X,D7W,G1A,G1B,G1C,G1D,G1F,G1X,G7W
- Maximum output power: 23 dBm rated

**LTE FDD Band 1**

- Operating frequency range: 1942.2-1972.5 MHz (100kHz interval 304 channels)
- ITU designation: 15M0 D1A,D1B,D1C,D1D,D1F,D1X,D7W,G1A,G1B,G1C,G1D,G1F,G1X,G7W
- Maximum output power: 23 dBm rated

**LTE FDD Band 1**

- Operating frequency range: 1932.5-1932.5 MHz (The maximum length of continuous Resource Block used is 30 RBs with bandwidth 5.4 MHz in 1927.19 MHz -1937.81 MHz)
- ITU designation: 15M0 D1A,D1B,D1C,D1D,D1F,D1X,D7W,G1A,G1B,G1C,G1D,G1F,G1X,G7W
- Maximum output power: 23 dBm rated

**LTE FDD Band 1**

- Operating frequency range: 1930.0-1949.6 MHz (100kHz interval 197 channels)
- ITU designation: 20M0 D1A,D1B,D1C,D1D,D1F,D1X,D7W,G1A,G1B,G1C,G1D,G1F,G1X,G7W
- Maximum output power: 23 dBm rated

**LTE FDD Band 1**

- Operating frequency range: 1949.7-1970.0 MHz (100kHz interval 204 channels)
- ITU designation: 20M0 D1A,D1B,D1C,D1D,D1F,D1X,D7W,G1A,G1B,G1C,G1D,G1F,G1X,G7W
- Maximum output power: 23 dBm rated

**LTE FDD Band 1**

- Operating frequency range: 1930.0-1930.0 MHz (The maximum length of continuous Resource Block used is 24 RBs with bandwidth 4.32 MHz in 1925.32 MHz -1934.68 MHz)
- ITU designation: 20M0 D1A,D1B,D1C,D1D,D1F,D1X,D7W,G1A,G1B,G1C,G1D,G1F,G1X,G7W
- Maximum output power: 23 dBm rated

### **LTE FDD Band 3**

- Operating frequency range: 1712.5-1782.5 MHz (100kHz interval 701 channels)
- ITU designation: 5M00 D1A,D1B,D1C,D1D,D1F,D1X,D7W,G1A,G1B,G1C,G1D,G1F,G1X,G7W
- Maximum output power: 23 dBm rated

### **LTE FDD Band 3**

- Operating frequency range: 1715.0-1780.0 MHz (100kHz interval 651 channels)
- ITU designation: 10M0 D1A,D1B,D1C,D1D,D1F,D1X,D7W,G1A,G1B,G1C,G1D,G1F,G1X,G7W
- Maximum output power: 23 dBm rated

### **LTE FDD Band 3**

- Operating frequency range: 1717.5-1777.5 MHz (100kHz interval 601 channels)
- ITU designation: 15M0 D1A,D1B,D1C,D1D,D1F,D1X,D7W,G1A,G1B,G1C,G1D,G1F,G1X,G7W
- Maximum output power: 23 dBm rated

### **LTE FDD Band 3**

- Operating frequency range: 1720.0-1775.0 MHz (100kHz interval 551 channels)
- ITU designation: 20M0 D1A,D1B,D1C,D1D,D1F,D1X,D7W,G1A,G1B,G1C,G1D,G1F,G1X,G7W
- Maximum output power: 23 dBm rated

### **LTE FDD Band 8**

- Operating frequency range: 902.5-912.5 MHz (100kHz interval 101 channels)
- ITU designation: 5M00 D1A,D1B,D1C,D1D,D1F,D1X,D7W,G1A,G1B,G1C,G1D,G1F,G1X,G7W
- Maximum output power: 23 dBm rated

### **LTE FDD Band 8**

- Operating frequency range: 905-910 MHz (100kHz interval 51 channels)
- ITU designation: 10M0 D1A,D1B,D1C,D1D,D1F,D1X,D7W,G1A,G1B,G1C,G1D,G1F,G1X,G7W
- Maximum output power: 23 dBm rated

### **LTE FDD Band 19**

- Operating frequency range: 832.5-842.5 MHz (100kHz interval 101 channels)
- ITU designation: 5M00 D1A,D1B,D1C,D1D,D1F,D1X,D7W,G1A,G1B,G1C,G1D,G1F,G1X,G7W
- Maximum output power: 23 dBm rated

### **LTE FDD Band 19**

- Operating frequency range: 835.0-840.0 MHz (100kHz interval 51 channels)
- ITU designation: 10M0 D1A,D1B,D1C,D1D,D1F,D1X,D7W,G1A,G1B,G1C,G1D,G1F,G1X,G7W
- Maximum output power: 23 dBm rated

### **LTE FDD Band 19**

- Operating frequency range: 837.5-837.5 MHz
- ITU designation: 15M0 D1A,D1B,D1C,D1D,D1F,D1X,D7W,G1A,G1B,G1C,G1D,G1F,G1X,G7W
- Maximum output power: 23 dBm rated

### **LTE FDD Band 26**

- Operating frequency range: 817.5-842.5 MHz (100kHz interval 251 channels)
- ITU designation: 5M00 D1A,D1B,D1C,D1D,D1F,D1X,D7W,G1A,G1B,G1C,G1D,G1F,G1X,G7W
- Maximum output power: 23 dBm rated

### **LTE FDD Band 26**

- Operating frequency range: 820.0-840.0 MHz (100kHz interval 201 channels)
- ITU designation: 10M0 D1A,D1B,D1C,D1D,D1F,D1X,D7W,G1A,G1B,G1C,G1D,G1F,G1X,G7W
- Maximum output power: 23 dBm rated

### **LTE FDD Band 26**

- Operating frequency range: 822.5-837.5 MHz (100kHz interval 151 channels)
- ITU designation: 15M0 D1A,D1B,D1C,D1D,D1F,D1X,D7W,G1A,G1B,G1C,G1D,G1F,G1X,G7W
- Maximum output power: 23 dBm rated



**LTE TDD Band 41**

- Operating frequency range: 2547.5-2647.5 MHz (100kHz interval 1001 channels)
- ITU designation: 5M00 X1A,X1B,X1C,X1D,X1F,X1X,X7W
- Maximum output power: 23 dBm rated

**LTE TDD Band 41**

- Operating frequency range: 2550.0-2645.0 MHz (100kHz interval 951 channels)
- ITU designation: 10M0 X1A,X1B,X1C,X1D,X1F,X1X,X7W
- Maximum output power: 23 dBm rated

**LTE TDD Band 41**

- Operating frequency range: 2555.0-2640.0 MHz (100kHz interval 851 channels)
- ITU designation: 20M0 X1A,X1B,X1C,X1D,X1F,X1X,X7W
- Maximum output power: 23 dBm rated





The product as described in this Certificate includes the following type designations:

- Product description: InfoLinker3 Neckband Type Computer
- Trademark: WESTUNITIS
- Type designation: WL-03ANBZ
- Hardware version: DVT1-3
- Software version: Neckband Version: 20210308162534 HMD Version: 20210308