# Statement of compliance
# To EN 62311:2008

| | |
|---|---|
| **Product Name:** | WiFi Module |
| **Model Number:** | WizFi630S |
| **Applicant:** | WIZNET CO.,LTD |

**KeySense Testing & Certification International Co., Ltd.**

**1-3F, Lab Building, No.29 District, ZhongKai Hi-Tech Industrial Development Park, Huizhou, Guangdong, China**

| Test Report Verification | | | | |
|---|---|---|---|---|
| **Product name** | WiFi Module | | | |
| **Model number** | WizFi630S | | | |
| **Applicant** | **Name** | WIZNET CO.,LTD | | |
| | **Address** | 5F Humax Village,216 Hwangsaeul-ro,Bundang-gu,Seongnam-si,Gyeonggi-Do,Korea | | |
| **Manufacturer** | **Name** | Shenzhen Yunlink Technology CO., Ltd | | |
| | **Address** | B3 Building, An'le Industiral Zone, Hangcheng Road, Gushu, Xixiang Towm, Baoan District, Shenzhen City, Guangdong, P.R.China | | |
| **Factory** | **Name** | Shenzhen Yunlink Technology CO., Ltd | | |
| | **Address** | B3 Building, An'le Industiral Zone, Hangcheng Road, Gushu, Xixiang Towm, Baoan District, Shenzhen City, Guangdong, P.R.China | | |
| **Trade Name** | Wiznet | | | |
| **Receipt date** | June 28, 2019 | | **Quantity** | 1 |
| **Standard** | EN 62311:2008 | | | |
| **Test period** | June 28, 2019 to July 08, 2019 | | **Issue Date** | July 09, 2019 |
| **Tested by: Bing.He** | **Sign:** Bing.He | **Date:** 2019.7.9 | | |
| **Reviewed by: Lake. Wang** | **Sign:** Lake Wang | **Date:** 2019.7.9 | **(Stamp)** | |
| **Approved by: Jack. Li (Supervisor)** | **Sign:** Jack.Li | **Date:** 2019.7.9 | | |

Key Testing & Certification International Co., Ltd.

1、When determining the test conclusion, the Measurement Uncertainty of test has been considered.

2、According to EN 62311:2008, The apparatus shall comply with the basic restriction specified in Council Recommendation 1999/519/EC. The reference levels in the Council Recommendation 1999/519/EC on public exposure to electromagnetic fields are derived from the basic restrictions using worst-case assumptions about exposure. The criteria listed in the following table shall be used to evaluate the environmental impact of humen exposure to radio-frequency(RF) radiation.

3、Limit

Reference levels for electric, magnetic and electromagnetic fields
(0Hz to 300GHz, unperturbed rms values)

| Frequency Range | E-Field Strength (V/m) | H-Field Strength (A/m) | B-Filed (uT) | Equivalent plane wave power density $S_{eq}$ ($W/m^2$) |
|---|---|---|---|---|
| 0-1 Hz | - | $3.2 * 10^4$ | $4 * 10^4$ | - |
| 1-8 Hz | 10000 | $3.2 * 10^4 / f^2$ | $4 * 10^4 / f^2$ | - |
| 8-25 Hz | 10000 | 4000 / f | 5000 / f | - |
| 0.025-0.8 kHz | 250 / f | 4 / f | 5 / f | - |
| 0.8-3 kHz | 250 / f | 5 | 6.25 | - |
| 3-150 kHz | 87 | 5 | 6.25 | - |
| 0.15-1 MHz | 87 | 0.73 / f | 0.92 / f | - |
| 1-10 MHz | $87 / f^{1/2}$ | 0.73 / f | 0.92 / f | - |
| 10-400 MHz | 28 | 0.073 | 0.092 | 2 |
| 400-2000 MHz | $1375 f^{1/2}$ | $0.0037 f^{1/2}$ | $0.0046 f^{1/2}$ | f / 200 |
| 2-300 GHz | 61 | 0.16 | 0.020 | 10 |

Power density (S) is calculated by the following formula:

$S=(P*G)/ 4\Pi R^2$

E.I.R.P=P*G

Where, S=Power density(W/m2)

P=Output power to antenna(W)

R=Distance between radiating structure and obsercation point(m)

G=Gain of antenna in numeric

$\Pi$=3.1416

4、Test Results(Maximum)

| Maximum E.I.R.P | | | | | | | |
|---|---|---|---|---|---|---|---|
| Modulation Mode | Maximum Antenna Gain (dBi) | Maximum Antenna Gain (numeric) | E.I.R.P (dBm) | E.I.R.P (W) | Power density ($W/m^2$) | Limit of Power density ($W/m^2$) | Result |
| IEEE 802.11g 2412MHz | 3.2 | 2.10 | 11.73 | 0.01489 | 0.06600 | 10 | Pass |
| Note: The “E.I.R.P” refer to the test report “ KST752R1906297Q01” | | | | | | | |

# Statement

1. The calibration and measurement of test equipments used in our laboratory are traceable to National primary standard of measurement and BIPM.
2. The report is invalid without the special test seal of the company.
3. The test report is invalid without the signature of main tester,examiner and approver.
4. The report is invalid if altered and added or deleted.
5. The test results in this report only apply to the tested samples.
6. This test report shall not be reproduced except in full, without the written approval of our laboratory.
7. “☆”item cannot be Accredited by CNAS.
8. Any objections must be raised to KeySense within 15days since the date when report is received.

Test Laboratory: KeySense Testing & Certification International Co., Ltd.
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