

## 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 Veri	fication		
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, 201			Issue Date		July 09, 2019
Tested by: Bing.He		Sign: Phir	g He	Date:	019. Viscosification into	
Reviewed by: Lake. Wang		Sign:	Way	Date: 2	Stamp)	
Approved by: Jack. Li (Supervisor)			Sign: Ju	k. 12	Date: 20	19. 18



- 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 human exposure to radio-frequency(RF) radiation.

## 3, Limit

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

Frequency Range	1 Strength I Strength		B-Filed (uT)	Equivalent plane wave power density S <sub>eq</sub> (W/m <sup>2</sup> )	
0-1 Hz	55	3.2 * 10 <sup>4</sup>	4 * 10 <sup>4</sup>	7.0	
1-8 Hz	10000	$3.2 * 10^4 / f^2$	$4*10^4/f^2$	Ð	
8-25 Hz	10000	4000 / f	5000 / f	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
0.025-0.8 kHz	250 / f	4 / f	5 / f	-	
0.8-3 kHz	250 / f	5	6.25	<b>37</b> 0	
3-150 kHz	87	5	6.25		
0.15-1 MHz	87	0.73 / f	0.92 / f	-	
1-10 MHz	87 / f <sup>1/2</sup>	0.73 / f	0.92 / f	=	
10 <b>-</b> 400 MHz	28	0.073	0.092	2	
400-2000 MHz	1375 f <sup>1/2</sup>	0.0037 f <sup>1/2</sup>	0.0046 f <sup>1/2</sup>	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)

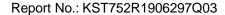
R=Distance between radiating structure and obsercation point(m)

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/m²)	Limit of Power density (W/m <sup>2</sup> )	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**

- 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. "\angle "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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