

## Statement of compliance to Maximum Permissible Exposure (FCC MPE)

Applicant : WUHAN GEWEI ELECTRONIC TECHNOLOGIES CO., LTD.  
No.2 Bldg., NO.3 Area, Guandong Science & Technology  
Industry Zone, Hongshan District, Wuhan, Hubei, China

Manufacturer : WUHAN GEWEI ELECTRONIC TECHNOLOGIES CO., LTD.  
No.2 Bldg., NO.3 Area, Guandong Science & Technology  
Industry Zone, Hongshan District, Wuhan, Hubei, China

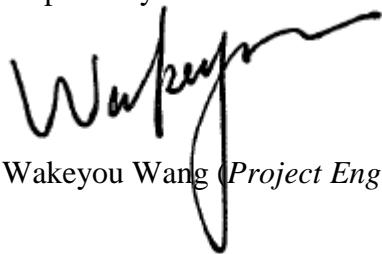
Product Name : Signal Booster  
Type/Model : PR-U-C

**TEST RESULT** : PASS

**According to §2.1091, §2.1093 and §1.1307(b), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.**

Date of issue: July 14, 2016

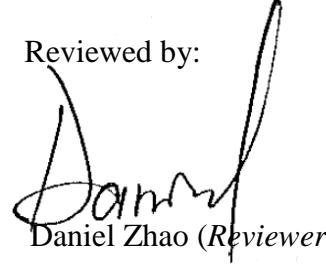
Prepared by:



Wakeyou Wang

Wakeyou Wang (*Project Engineer*)

Reviewed by:



Daniel Zhao

Daniel Zhao (*Reviewer*)

The  $S = PG / (4\pi R^2)$

Where  $S$  = power density in  $\text{mW/cm}^2$

$P$  = transmit power in  $\text{mW}$

$G$  = numeric gain of transmit antenna

$R$  = distance (cm)

The calculations in the table below use the highest gain of antenna for the EUT. These calculations represent worst case in terms of the exposure levels.

Mode	Freq band	Power	Ant Gain	R	S	Limits
	MHz	dBm	dBi	cm	$\text{mW/cm}^2$	$\text{mW/cm}^2$
Uplink	1710-1755	19.00	6.30	20	0.0674	1
Uplink	824-849	19.00	7.64	20	0.0918	
Uplink	776-787	19.00	7.77	20	0.0946	
Uplink	704-716	19.00	7.98	20	0.0993	
Uplink	1850-1915	19.00	6.12	20	0.0647	
Downlink	2110-2155	-2.00	5.87	20	0.0005	
Downlink	869-894	-2.00	5.11	20	0.0004	
Downlink	746-757	-2.00	5.00	20	0.0004	
Downlink	734-746	-2.00	5.00	20	0.0004	
Downlink	1930-1995	-2.00	5.45	20	0.0004	

Note: 1. Here the 'Ant gain' has included cable loss of antenna feeder cable.

2. Here the 'Ant gain' is the highest one showed in the antenna list.

3. The power here has taken power tolerance showed in 'tune up procedure' into account.

4. The outside antenna is installed far away from the inside one (no closer than 20 feet) and therefore the simultaneous transmission needn't to be assessed.

## Appendix I

### **Definition below must be outlined in the User Manual:**

To satisfy FCC RF exposure requirements, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation. To ensure compliance, operations at closer than this distance is not recommended.