Statement of compliance to
Maximum Permissible Exposure (MPE)

Applicant	:	HANGZHOU KAITE ELECTRICAL APPLIANCE CO., LTD.
		Sandu Town, Industrial Zone, Jiande City, Hangzhou, Zhejiang
Manufacturing site	:	Same as applicant
Product Name	:	Smart Socket WiFi
Type/Model	:	70011
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: June 26, 2018

Prepared by: Approved by:

Eric Li (Project engineer)   Daniel Zhao (Reviewer)

Power density (S) is calculated according to the formula:

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

Where S = power density in mW/cm²
    P = transmit power in mW
    G = numeric gain of transmit antenna (numeric gain=Log-1(dB antenna gain/10))
    R = distance (cm)

As we can see from the test report 180500822SHA-001:

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

Frequency band	Max Power	Antenna Gain	R	S	Limits
(MHz)	dBm	dBi	(cm)	(mW/cm2)	(mW/cm2)
2400 -2483.5	15.75	1	20	0.0094	1

Note: 1 mW/cm2 from 1.310 Table 1

For the device can support simultaneous transmission, according to 447498 D01 General RF Exposure Guidance v06,
For the device consider simultaneous transmission of WiFi and Bluetooth:
The worst MPE = **0.0094**mW/cm2 < **1** mW/cm2.

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.