Statement of compliance to Maximum Permissible Exposure (MPE)

Applicant	:	Jiangsu Selon Electric Appliances Co., Ltd. 19 LiangfengRoad, 1st district ,Yuanshan Industrial Park,
Manufacturing site	:	Same as applicant
Product Name	:	Beverage cooler
Type/Model	:	RB-RDC ECO LED
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: May 16, 2018

Prepared by:

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Approved by:

Daniel Zhao (Reviewer)

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

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

Where S = power density in mW/cm^2
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 170901163SHA-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	-0.57	0.50	20	0.0002	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 = **0.0002**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.