FCC ID: 2AB2Q5AA-SS-ZE-H0

Statement of compliance to Maximum Permissible Exposure (MPE)

Applicant	:	LEEDARSON LIGHTING CO., LTD. Xingda Road, Xingtai Industrial Zone, Changtai County,
Manufacturer site	:	LEEDARSON LIGHTING CO., LTD. Xingda Road, Xingtai Industrial Zone, Changtai County,
Product Name	:	Contact Sensor
Type/Model	:	5aA-SS-ZE-H0
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: April 1, 2017

Prepared by:

Nemo Li

Nemo Li (Project engineer)

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 160802233SHA-002:

Frequency band	Power	Antenna Gain	R	S	Limits
(MHz)	dBm	dBi	(cm)	(mW/cm2)	(mW/cm2)
2400 -2483.5	8.0	1.70	20	0.0018	1

Note: 1 mW/cm2 from 1.310 Table 1

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.