TEST REPORT

Product Name	:	Smart Beacon Strip Light
Brand Mark	:	N/A
Model No.	:	50618
FCC ID	:	2AQUQGE50618
Report Number	:	BLA-EMC-202212-A2602
Date of Sample Receipt	:	2022/12/12
Date of Test	:	2022/12/13 to 2022/12/21
Date of Issue	:	2022/12/30
Test Standard	:	47 CFR Part 15, Part1.1307 47 CFR Part 15, Part2.1093 KDB447498 D01 General RF Exposure Guidance v06
Test Result	:	Pass

Prepared for:

Globe Electric Company Inc.
150 Oneida, Montreal, Quebec, Canada, H9R 1A8

Prepared by:

BlueAsia Technical Services (Shenzhen) Co.,Ltd.
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Review by: Sweels

Approved by: Blue Zheng

Date: 2022/12/30

BlueAsia Technical Services (Shenzhen) Co.,Ltd. BLA

REPORT REVISE RECORD

Version No.	Date	Description
00	2022/12/30	Original

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1 TEST SUMMARY

Test item	Test Requirement	Test Method	Class/Severity	Result
RF Exposure	47 CFR Part 1.1307, Part 2.1093, KDB 447498	CFR 47 Part 2.1093	CFR 47 Part 2.1093	PASS

2 GENERAL INFORMATION

Applicant	Globe Electric Company Inc.
Address	150 Oneida, Montreal, Quebec, Canada, H9R 1A8
Manufacturer	Globe Electric Company Inc.
Address	150 Oneida, Montreal, Quebec, Canada, H9R 1A8
Factory	Globe Electric Company Inc.
Address	150 Oneida, Montreal, Quebec, Canada, H9R 1A8
Product Name	Smart Beacon Strip Light
Test Model No.	50618

3 GENERAL DESCRIPTION OF E.U.T.

Hardware Version	1.0
Software Version	1.0

Operation Frequency:	2402MHz-2480MHz
Modulation Type:	GFSK
Channel Spacing:	2MHz
Number of Channels:	40
Antenna Type:	PCB Antenna
Antenna Gain:	1.09dBi

4 LABORATORY LOCATION

All tests were performed at:
BlueAsia Technical Services (Shenzhen) Co.,Ltd.
No.41, South of Beihuan Road, Shangwu Community, Shiyan Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Telephone: TEL: +86-755-28682673 FAX: +86-755-28682673
No tests were sub-contracted.

5 RF EXPOSURE COMPLIANCE REQUIREMENT

SAR evaluation

MPE Calculation Method

E (V/m) = (30*P*G) 0.5/d

Power Density: Pd (W/m2) = E2/377

E = Electric Field (V/m)

P = Peak RF output Power (W)

G = EUT Antenna numeric gain (numeric)

d = Separation distance between radiator and human body (m)

The formula can be changed to

Pd = (30*P*G) / (377*d2)

From the peak EUT RF output power, the minimum mobile separation distance, d=0.2m, as well as the gain of the used antenna, the RF power density can

be obtained.

Directional AntennaGain (Numeric)	Peak Output Power (mW)	Power Density (S)(mW/cm2)	Limit of Power Density (S) (mW/cm2)	Test Result
1.285mW (1.09dBi)	0.928mW (-0.321dBm)	0.00023	1	Compiles

----END OF REPORT----