RF Exposure Evaluation Report

APPLICANT	:	**Shanghai 37 Degree Technology co., LTD.**
EQUIPMENT	:	**37 Light**
BRAND NAME	:	**37 Degree**
MODEL NAME	:	**37 Light**
FCC ID	:	**2AGVW-HM1L**
STANDARD	:	**47 CFR Part 2.1093** **FCC KDB 447498 D01 v06**

We, SPORTON INTERNATIONAL (KUNSHAN) INC., would like to declare that the device has been evaluated in accordance with 47 CFR Part 2.1093 and pass the limit. Without written approval of SPORTON INTERNATIONAL (KUNSHAN) INC., the test report shall not be reproduced except in full.

Mark Qu

Prepared by: Mark Qu / Manager

Jones Tsai

Approved by: Jones Tsai / Manager

SPORTON INTERNATIONAL (KUNSHAN) INC.
No. 3-2, PingXiang Road, Kunshan, Jiangsu Province, P.R.C.

Table of Contents

Revision History

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FA580711	Rev. 01	Initial issue of report	Dec. 17, 2015

1. Administration Data

Testing Laboratory	
Test Site	SPORTON INTERNATIONAL (KUNSHAN) INC.
Test Site Location	No. 3-2, PingXiang Road, Kunshan, Jiangsu Province, P.R.C. TEL: +86-0512-5790-0158 FAX: +86-0512-5790-0958

Applicant	
Company Name	Shanghai 37 Degree Technology co., LTD.
Address	Building 1, No. 401, Caobao Rd, Xuhui District, Shanghai, P.R. China

Manufacturer	
Company Name	Longcheer Electronics (Huizhou) Co., Ltd.
Address	No.28 West Hechang Six Road, Zhongkai High-tech Zone, Huizhou, Guangdong, China.

2. General Information

2.1 Description of Device Under Test (DUT)

Product Feature & Specification	
Equipment Name	37 Light
Brand Name	37 Degree
Model Name	37 Light
FCC ID	2AGVW-HM1L
Wireless Technology and Frequency Range	Bluetooth: 2402 MHz ~ 2480 MHz
Mode	Bluetooth v4.0 LE
Antenna Type	PIFA Antenna
HW Version	LGAM008
SW Version	LGA0011.1.0_M008
DUT Stage	Identical Prototype

Remark: The above DUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

3. Maximum RF average output power among production units

Mode	Maximum Average Power (dBm)
Bluetooth v4.0 LE	0.5

4. RF Exposure Evaluation

Bluetooth Max Power (dBm)	mW	Separation Distance (mm)	Frequency (GHz)	Exclusion Thresholds
0.5	1.0	0	2.48	0.3

Note:

1. Per KDB 447498 D01v06 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at *test separation distances* ≤ 50 mm are determined by:

   [(*max. power of channel, including tune-up tolerance, mW*)/(*min. test separation distance, mm*)] ·[√f(GHz)] ≤ 7.5 for 10-g extremity SAR

   - f(GHz) is the RF channel transmit frequency in GHz
   - Power and distance are rounded to the nearest mW and mm before calculation
   - The result is rounded to one decimal place for comparison

Conclusion: Per KDB 447498 D01v06, when the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion. The test exclusion threshold is 0.3 which is <= 7.5, SAR testing is not required.