RF EXPOSURE EVALUATION REPORT

FCC ID	**: 2AN7U-5463**
Equipment	**: Wireless Remote**
Model Name	**: L5B83H**
Applicant	**: X-Marks LLC**
	X-Marks LLC, 4400 NE 77th Avenue, Suite 275,
	Vancouver, Washington, 98662
Standard	**: 47 CFR Part 2.1093**
	FCC KDB 447498 D01 v06

We, SPORTON INTERNATIONAL INC has been evaluated in accordance with 47 CFR Part 2.1093 for the device and pass the limit.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The results in this variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERTIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Jones Tsai

Approved by: Jones Tsai / Manager

SPORTON INTERTIONAL INC. EMC & Wireless Communications Laboratory

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History of this test report

Report No.	Version	Description	Issued Date
FA7D2920-01	Rev. 01	Initial issue of report	May 18, 2018

1. General Information

1.1 Description of Device Under Test (DUT)

Product Feature & Specification	
DUT Type	Wireless Remote
Model Name	L5B83H
FCC ID	2AN7U-5463
Wireless Technology and Frequency Range	Bluetooth: 2402 MHz ~ 2480 MHz
Mode	Bluetooth LE

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

Reviewed by: Eric Huang

Report Producer: Wan Liu

2. Maximum RF output power among production units

Mode / Band	Average Power (dBm)	
	v4.1 BLE	v5.0 BLE
2.4 GHz Bluetooth	3.5	3.5

3. RF Exposure Evaluation

Bluetooth Max Power (dBm)	mW	Separation Distance (mm)	Frequency (GHz)	Exclusion Thresholds
3.5	2.24	5	2.48	0.71

Note:

1. Per KDB 447498 D01v06 the 1-g and 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)] ≤ 3.0 for 1-g SAR and ≤ 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 0.71 which is <= 7.5, SAR testing is not required.