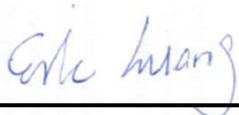


RF Exposure Evaluation Report

APPLICANT : FUJITSU LIMITED
EQUIPMENT : Wearable Keyboard
BRAND NAME : FUJITSU
MODEL NAME : IOT002
FCC ID : EJE-BT0003
STANDARD : 47 CFR Part 2.1093
FCC KDB 447498 D01 v05r02

We, SPORTON INTERNATIONAL 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 INC., the test report shall not be reproduced except in full.



Reviewed by: Eric Huang / Deputy Manager



Approved by: Jones Tsai / Manager



SPORTON INTERNATIONAL INC.

No.52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan District, Taoyuan City, Taiwan (R.O.C.)



Table of Contents

1.	Administration Data	3
2.	General Information	3
2.1	Description of Device Under Test (DUT)	3
3.	Maximum RF output power among production units	4
4.	RF Exposure Evaluation	4

Revision History

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FA521045-01	Rev. 01	Initial issue of report	Apr. 08, 2015

1. Administration Data

Testing Laboratory	
Test Site	SPORTON INTERNATIONAL INC.
Test Site Location	No.52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan District, Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978

Applicant	
Company Name	FUJITSU LIMITED
Address	1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki, 211-8588 Japan

Manufacturer	
Company Name	FUJITSU LIMITED
Address	1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki, 211-8588 Japan

2. General Information

2.1 Description of Device Under Test (DUT)

Product Feature & Specification	
DUT Type	Wearable Keyboard
Brand Name	FUJITSU
Model Name	IOT002
FCC ID	EJE-BT0003
Wireless Technology and Frequency Range	Bluetooth: 2402 MHz ~ 2480 MHz
Mode	• Bluetooth v3.0+EDR
DUT Stage	Pre Production Unit

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 output power among production units

Mode / Band	Average Power (dBm)		
	1Mbps	2Mbps	3Mbps
	(GFSK)	$\pi/4$ -DQPSK	(8-DPSK)
2.4GHz Bluetooth	10.0	8.0	8.0

4. RF Exposure Evaluation

Bluetooth Max Power (dBm)	mW	Separation Distance (mm)	Frequency (GHz)	Exclusion Thresholds
10.0	10.0	< 5mm	2.48	3.15

Note:

1. Per KDB 447498 D01v05r02, 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:

$$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for}$$

1-g SAR and ≤ 7.5 for 10-g extremity SAR

- $f(\text{GHz})$ 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 D01v05r02, 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 3.15 which is ≤ 7.5 , SAR testing is not required.