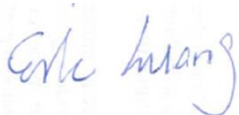


RF Exposure Evaluation Report

APPLICANT : SONY MOBILE COMMUNICATIONS AB
EQUIPMENT : Bluetooth® Remote with Handset Function
BRAND NAME : SONY
MODEL NAME : BRH10
FCC ID : PY7-RD0130
STANDARD : 47 CFR Part 2.1093
FCC KDB 447498 D01 v05r01

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 Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.



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Revision History

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FA3D0315	Rev. 01	Initial issue of report	Apr. 09, 2014



1. Administration Data

1.1 Testing Laboratory

Test Site	SPORTON INTERNATIONAL INC.
Test Site Location	No. 52, Hwa Ya 1 st Rd., Hwa Ya Technology Park, Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C. TEL: +886-3-327-3456 FAX: +886-3-328-4978

1.2 Applicant

Company Name	SONY MOBILE COMMUNICATIONS AB
Address	Mobilvagen 10, Lund, SE-22188, Sweden

1.3 Manufacturer

Company Name	Cheng Uei Precision Industry CO., LTD.
Address	No.18, Jhongshan Rd., Tucheng Dist., New Taipei City 23680, Taiwan (R.O.C.)

2. General Information

2.1 Description of Device Under Test (DUT)

Product Feature & Specification	
EUT Type	Bluetooth® Remote with Handset Function
Brand Name	SONY
Model Name	BRH10
FCC ID	PY7-RD0130
Tx Frequency	2402 ~ 2480 MHz
HW Version	V1R1
SW Version	10D05
Antenna Type	PIFA Antenna
Wireless Technology and Frequency Range	Bluetooth: 2402 MHz ~ 2480 MHz
Mode	• Bluetooth v3.0+EDR
EUT Stage	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	Bluetooth	
	1Mbps	2Mbps
	(GFSK)	$\pi/4$ -DQPSK
2.4GHz Bluetooth	9.5	5.5

3.1 Applied Standard

- FCC KDB 447498 D01 v05r01



4. RF Exposure Evaluation

Bluetooth Max Power (dBm)	mW	Test Distance (mm)	Frequency (GHz)	Exclusion Thresholds
9.5	9.00	0	2.48	2.83

Note:

1. Per KDB 447498 D01v05r01, 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(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
- If the test separation distance (antenna-user) is < 5mm, 5mm is used for excluded SAR calculation.

Conclusion: According to KDB 447498 D01v05r01 exclusion thresholds is 2.83 < 3, RF exposure evaluation is not required.