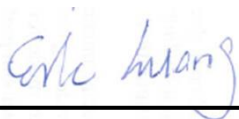


RF Exposure Evaluation Report

APPLICANT : TomTom International BV
EQUIPMENT : GPS Navigation System
BRAND NAME : TomTom
MODEL NAME : 4FC43
FCC ID : S4L4FC43
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
FA3N2705	Rev. 01	Initial issue of report	Jan. 17, 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	TomTom International BV
Address	Rembrandtplein 35 1017 CT Amsterdam The Netherlands

1.3 Manufacturer

Company Name	1. Tech-Giant (Shanghai) Computer Co., Ltd 2. Inventec Appliances (Pudong) Corporation
Address	1. C#, No. 1, South Rongteng Road · Songjiang Export Processing Zone, Shanghai, China 2. No. 789 Puxing Road, Shanghai, PRC

2. General Information

2.1 Description of Device Under Test (DUT)

Product Feature & Specification	
DUT Type	GPS Navigation System
Brand Name	TomTom
Model Name	4FC43
FCC ID	S4L4FC43
Wireless Technology and Frequency Range	Bluetooth: 2402 MHz ~ 2480 MHz
Mode	• Bluetooth v2.1+EDR
Antenna Type	Ground Chip Antenna
HW Version	1.3
SW Version	13
DUT 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	3Mbps
	(GFSK)	$\pi/4$ -DQPSK	(8-DPSK)
2.4GHz Bluetooth	3	3	3

3.1 Applied Standard

- FCC KDB 447498 D01 v05r01

**4. RF Exposure Evaluation**

Bluetooth Max Power (dBm)	mW	Distance (mm)	Frequency (GHz)	exclusion thresholds
3	2.00	0	2.48	0.63

Note:

1. Per KDB 447498 D01v05r01, standalone SAR test exclusion threshold is applied; If the test separation distance is < 5mm, 5mm is used to determine SAR exclusion threshold.
2. 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:

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ 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: According to KDB 447498 D01v05r01 exclusion thresholds is $0.63 < 3$, RF exposure evaluation is not required.