



2010-03-19

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Test Setup photos for RM-685 SAR Compliance Test Report

Date of report:

Client:

Number of pages:

Product contact

person:

Test report no.: SAR Photo RM-685 02 **Template version:** 13.0

TCC Nokia Beijing Laboratory **Testing laboratory:**

Beijing Economic and

Technological Development Area No.5 Donghuan Zhonglu

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Responsible test engineer:

Measurements made by:

Tested device:

Liang Dong RM-685

Liang Dong

FCC ID: **OMNRM-685**

Supplement reports: FCC RM-685_01

Testing has been carried out in accordance with:

47CFR §2.1093

Radiofreguency Radiation Exposure Evaluation: Portable Devices FCC OET Bulletin 65 (Edition 97-01), Supplement C (Edition 01-01)

Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency

Electromagnetic Fields

RSS-102

Evaluation Procedure for Mobile and Portable Radio Transmitters with Respect to Health Canada's Safety Code 6 for Exposure of Humans to Radio Frequency Fields

IEEE 1528 - 2003

IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices:

Measurement Technique

Documentation: The documentation of the testing performed on the tested devices is archived for 15 years at

TCC Nokia.

Test results: The tested device complies with the requirements in respect of all parameters subject to the

test. The test results and statements relate only to the items tested. The test report shall not

be reproduced except in full, without written approval of the laboratory.

Date and signatures:

For the contents:





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1. SUMMARY OF SAR TEST REPORT

1.1 Test Details

Period of test	2010-03-18
SN, HW and SW numbers of	SN: A0000001C8FB23, HW: 1000, SW: WT_0100B07_TLC_0100T_R800,
tested device	DUT: 51193
Batteries used in testing	BL-4C, DUT: 51201, 51202, 51203
Headsets used in testing	HS-105, DUT: 51196
Other accessories used in	-
testing	
State of sample	Prototype unit
Notes	-

1.2 Picture of the Device





2. TEST POSITIONS

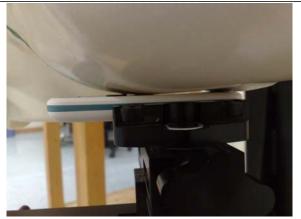
2.1 Against Phantom Head

Measurements were made in "cheek" and "tilt" positions on both the left hand and right hand sides of the phantom.

The positions used in the measurements were according to IEEE 1528 - 2003 "IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques".







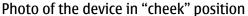




Photo of the device in "tilt" position

2.2 Body Worn Configuration

The device was placed in the SPEAG holder using the Nokia spacer and placed below the flat section of the phantom. The distance between the device and the phantom was kept at the separation distance indicated in the photo below using a separate flat spacer that was removed before the start of the measurements. The device was oriented with its back facing the phantom since this orientation gives higher results.



Photo of the device positioned for Body SAR measurement. The spacer was removed for the tests.