

Test Setup photos for RM-680 SAR Compliance Test Report

Test report no.:	SAR_Photo_RM-680_04	Date of report:	2011-04-21
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Testing laboratory:	TCC Nokia Salo Laboratory P.O.Box 86 Joensuukatu 7H / Kiila 1B FIN-24101 SALO, FINLAND Tel. +358 (0) 7180 08000 Fax. +358 (0) 7180 45220	Client:	Nokia Corporation P.O. Box 50 Elektroniikkatie 10 FIN-90571 OULU, FINLAND Tel. +358 (0) 7180 08000 Fax. +358 (0) 7180 47222
Responsible test engineer:	Janne Hirsimäki	Product contact person:	Jyrki Juvani
Measurements made by:	Heikki Haloila, Janne Hirsimäki, Alina Tähkäpää		
Tested device:	RM-680		
FCC ID:	LJPRM-680	IC:	661E-RM680
Supplement reports:	FCC_RM-680_03		
Testing has been carried out in accordance with:	47CFR §2.1093 Radiofrequency 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	2011-03-28 to 2011-04-21
SN, HW and SW numbers of tested device	SN: 004402/13/293336/1, HW: 1122, SW: 0.2011.12-1_TA_RM680, DUT: 15522 SN: 004402/13/293375/9, HW: 1122, SW: 0.2011.12-1_TA_RM680, DUT: 15521
Batteries used in testing	-
Headsets used in testing	WH-701, DUT: 15518, 15519
Other accessories used in testing	-
State of sample	Prototype unit
Notes	-

1.2 Picture of the Device



Slide closed

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, slide closed, in "cheek" position



Photo of the Device, slide closed, 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. For testing of the cellular bands, the device was oriented with its back side facing the phantom because this orientation gives the highest results. For WLAN, both sides of the device were tested.



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

Nokia body-worn accessories are commonly available for the separation distance used in this testing.

2.3 Wireless Router Configuration

The device was placed in the SPEAG holder using the Nokia spacer and, in sequence, the display, back and each of the 4 edges was positioned 10.0mm away from the flat phantom. The spacer was removed before the start of the measurements.



Photo of the device positioned for WR mode measurement – display facing phantom.
The spacer was removed before the start of the measurements.

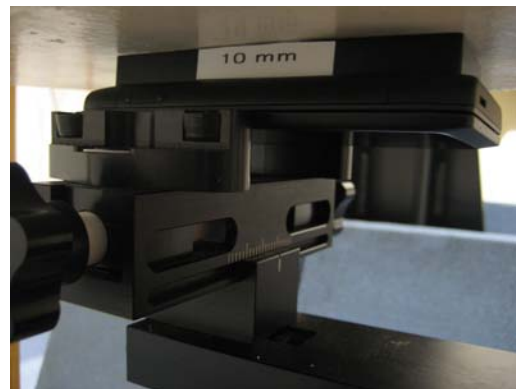


Photo of the device positioned for WR mode measurement – back facing phantom.
The spacer was removed before the start of the measurements.

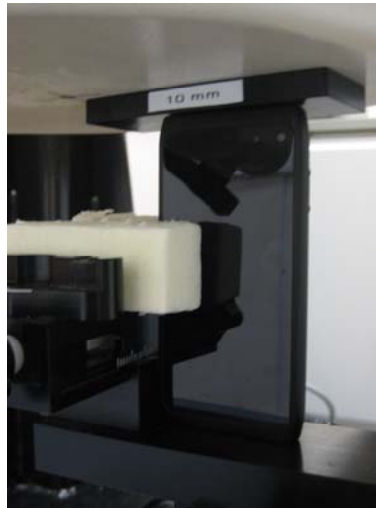


Photo of the device positioned for WR mode measurement – top edge facing phantom.
The spacer was removed before the start of the measurements.



Photo of the device positioned for WR mode measurement – bottom edge facing phantom.
The spacer was removed before the start of the measurements.



Photo of the device positioned for WR mode measurement – left edge facing phantom.
The spacer was removed before the start of the measurements.



Photo of the device positioned for WR mode measurement – right edge facing phantom.
The spacer was removed before the start of the measurements.