

Test Setup photos for RM-679 SAR Compliance Test Report

Test report no.:	SAR_Photo_RM-679_04	Date of report:	2011-05-03
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Measurements made by:	Liang Dong, Zhang Luwen		
Tested device:	RM-679		
FCC ID:	QTLRM-679	IC:	-
Supplement reports:	FCC_RM-679_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:

CONTENTS

1. SUMMARY OF SAR TEST REPORT	3
1.1 TEST DETAILS.....	3
1.2 PICTURE OF THE DEVICE.....	3
2. TEST POSITIONS	3
2.1 AGAINST PHANTOM HEAD	3
2.2 BODY WORN CONFIGURATION	4
2.3 WIRELESS ROUTER CONFIGURATION.....	6

1. SUMMARY OF SAR TEST REPORT

1.1 Test Details

Period of test	2011-03-07 to 2011-04-28
SN, HW and SW numbers of tested device	SN: 008600/08/005367/0, HW: 0301, SW: 021.002, DUT: 51994
Batteries used in testing	BL-4D, DUT: 51998, 51997, 51996
Headsets used in testing	WH-205, DUT: 52003, 52002
Other accessories used in testing	Nokia Stylus SU-39, DUT52033
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 "cheek" position



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 photos using a separate flat spacer that was removed before the start of the measurements. The device was oriented with both front and back sides facing the phantom to find the highest results.



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



Photo of the device positioned for Body SAR measurement.
Stylus Position 1



Photo of the device positioned for Body SAR measurement.
Stylus Position 2

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 back and each of 4 edges was positioned 10mm away from the flat phantom. The spacer was removed before the start of the measurements. The device was not tested with its display side facing the flat phantom as the Body-worn test results showed lower SAR values than with the back facing the flat phantom.

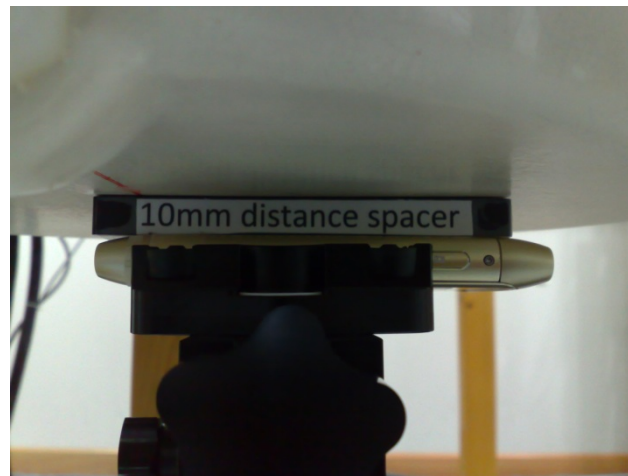


Photo of the device positioned for WR mode measurement – back facing phantom.
The spacer was removed before the start of the measurements.

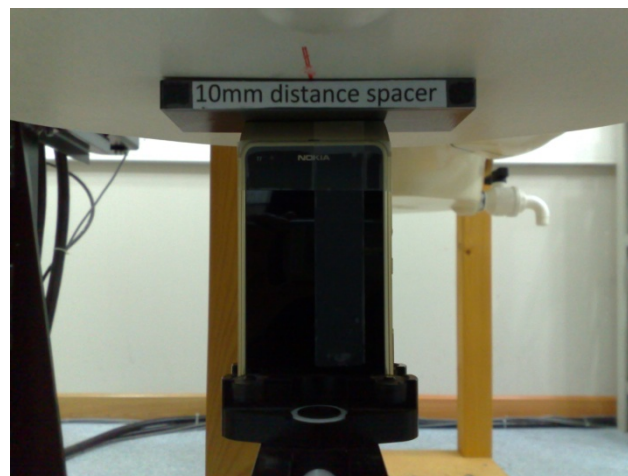


Photo of the device positioned for WR mode measurement – top edge facing phantom.
The spacer was removed before the start of the measurements.

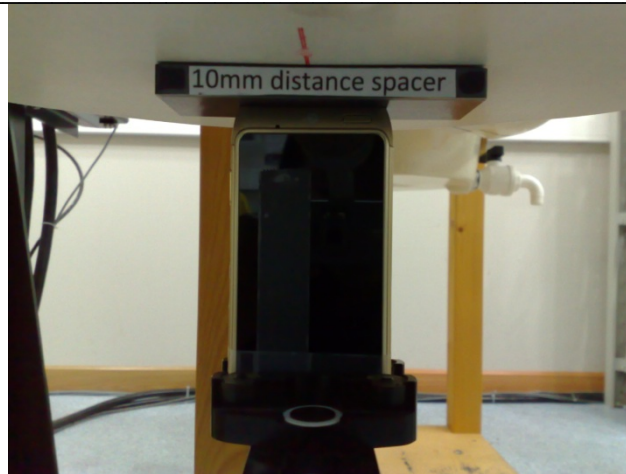


Photo of the device positioned for WR mode measurement – bottom edge facing phantom.
The spacer was removed before the start of the measurements.

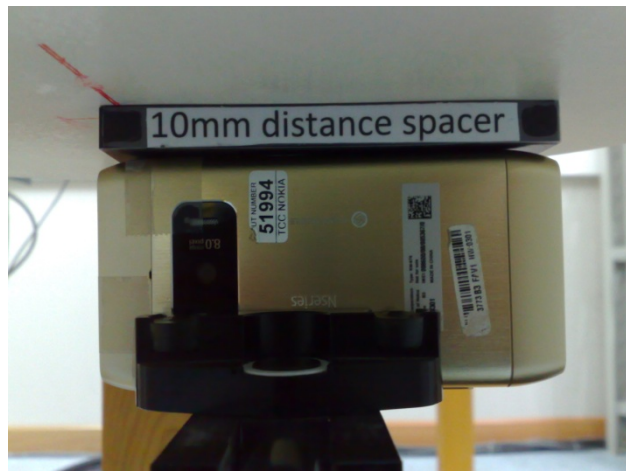


Photo of the device positioned for WR mode measurement – left edge facing phantom.
The spacer was removed before the start of the measurements.



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