TCC

Nokia

FINAS
Finnish Accreditation Service
T117 (EN ISO/IEC 17025)

Test Setup photos for RM-923
SAR Compliance Test Report

Test report no.:	SAR_Photo_RM-923_04	**Date of report:**	2012-10-18
Template version:	19.3	**Number of pages:**	7
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Responsible test engineer:	Zhang Luwen	**Product contact person:**	Hu Helen
Measurements made by:	Zhang Luwen, Liu Xianchao, Liang Dong, Zou Ming		
Tested device:	RM-923		
FCC ID:	QTLRM-923	**IC:**	-
Supplement reports:	FCC_RM-923_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:

Zhang Luwen

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1. SUMMARY OF SAR TEST REPORT

1.1 Test Details

Period of test	2012-10-17 to 2012-10-23
SN, HW and SW numbers of tested device	SN: 004402/47/159009/5, HW: 1001 , SW: 1102.0000.8779.12418 , DUT: 52880 SN: 004402/47/159005/3, HW: 1001, SW: 1102.0000.8779.12418 , DUT: 52876 SN: 004402/47/159015/2, HW: 1001, SW: 1102.0000.8779.12418, DUT: 52877
Batteries used in testing	BP-3L LG, DUT: 52796, 52797,52798, 52800, 52801 BP-3L Sony, DUT: 52803, 52802
Headsets used in testing	WH-902, DUT: 52878, 52879
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".

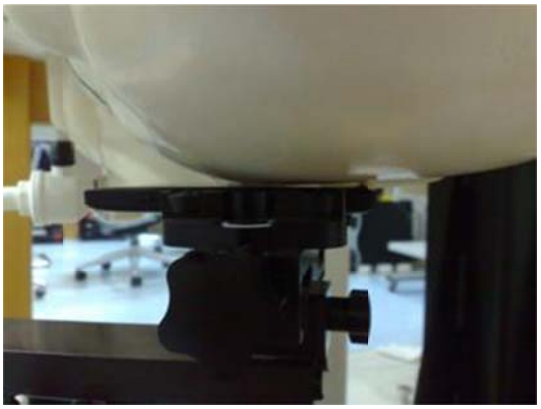

Photo of the Device in "cheek" position

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 photo below using a separate flat spacer that was removed before the start of the measurements. The device was oriented with both 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.

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 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 – 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.

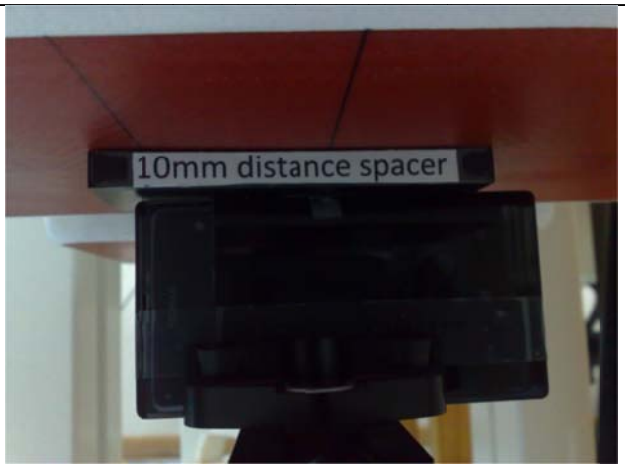

Photo of the device positioned for WR mode measurement – left edge facing phantom.
The spacer was removed before the start of the measurements.

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