



2013-08-23

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Test Setup photos for RM-927 SAR Compliance Test Report

Test report no.: **Template version:** SAR_Photo_RM-927_04

TCC Nokia San Diego Laboratory **Testing laboratory:** 16620 West Bernardo Drive

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Measurements made by:

Responsible test

engineer:

Tuomela

Tested device: RM-927 FCC ID: **QMND**

Supplement reports: FCC_RM-927_01

Testing has been carried out in accordance with:

47CFR §2.1093

Radiofreguency Radiation Exposure Evaluation: Portable Devices

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:

SAR Report SAR_Photo_RM-927_04 **Applicant: Nokia Corporation** Type: RM-927





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1. SUMMARY OF SAR TEST REPORT

1.1 Test Details

Period of test	2013-07-29 to 2013-08-20
SN, HW and SW numbers of	SN: 355906/05/001238/3, HW: 0106, SW: 1028.0305.1329.10136, DUT: 31329
tested device	SN: 355906/05/001258/1, HW: 0106, SW: 1028.0305.1329.10136, DUT: 31330
	SN: 355906/05/001243/3, HW: 0106, SW: 1028.0305.1329.10136, DUT: 31328
	SN: 355906/05/001261/5, HW: 0106, SW: 1028.0305.1329.10136, DUT: 31332
	SN: 355906/05/001344/9, HW: 0106, SW: 1028.0305.1329.10136, DUT: 31333
	SN: 355906/05/001240/9, HW: 0106, SW: 1028.0305.1329.10136, DUT: 31335
	SN: 355906/05/001239/1, HW: 0106, SW: 1028.0305.1329.10136, DUT: 31334
Batteries used in testing	-
Headsets used in testing	WH-902; DUT: 31331,31324,31325
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" position 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.



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

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testing.



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

2.3 Wireless Router Configuration

The device was placed in the SPEAG holder using the Nokia spacer and, in sequence, the back, display 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 –back facing 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 – 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.





10 mm

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.