



Kari Koskela

# Test setup photos for RM-412 SAR Compliance Test Report

Test report no.: Cph\_SAR\_0845\_08 Date of report: 2008-11-07

Template version: 10 Number of pages: 5

Testing laboratory: TCC Nokia Copenhagen Client: Nokia Corporation

Laboratory P.O. Box 86
Frederikskaj Joensuunkatu 7
1790 COPENHAGEN V FIN-24101 SALO, F

1790 COPENHAGEN V FIN-24101 SALO, FINLAND DENMARK Tel. +358 (0) 7180 08000

Tel. +45 33 292929 Fax. +358 (0) 7180 44277 Fax. +45 33 292934

Responsible test Jesper Nielsen Product contact engineer: Product contact person:

Measurements made by: Jesper Nielsen & Lars Ostermann

 Tested device:
 RM-412

 FCC ID:
 PYARM-412

 IC:
 661V-RM412

Supplement reports: Cph SAR 0840 03

Supplement reports: Cph\_SAR\_0840\_03

Testing has been carried 47CFR \$2.1093

Testing has been carried out in accordance with:

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.	SUM	IMARY OF SAR TEST REPORT	:
		TEST DETAILS	
	1.2	PICTURE OF THE DEVICE	
2.	TFST	T POSITIONS	. 4
		AGAINST PHANTOM HEAD	
	2.1	RODY WORN CONFIGURATION	٠.





#### 1. SUMMARY OF SAR TEST REPORT

### 1.1 Test Details

Period of test	2008-09-05 to 2008-10-01		
SN, HW and SW numbers of tested	SN: 004401/10/220412/6, HW: 0300, SW: 008.32.2, DUT: 25459		
device			
Batteries used in testing	BL-4U, DUT: 25463, 25464		
Headsets used in testing	HS-43, DUT: 29357		
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".

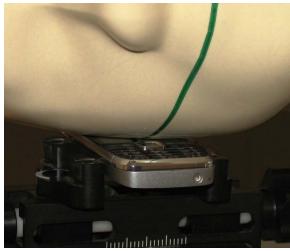


Photo of the device in "cheek" position



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.