

Test Setup photos for RM-648 SAR Compliance Test Report

| | | | |
|---|---|--------------------------------|--|
| Test report no.: | SAR_Photo_RM-648_03 | Date of report: | 2010-04-19 |
| Template version: | 15.0 | Number of pages: | 5 |
| Testing laboratory: | TCC Nokia Copenhagen Laboratory Frederikskaej 1790 COPENHAGEN V DENMARK Tel. +45 33 292929 Fax. +45 33 292934 | Client: | Nokia Corporation Frederikskaej 1790 COPENHAGEN V DENMARK Tel. +45 33 292929 Fax. +45 33 292934 |
| Responsible test engineer: | Jesper Nielsen | Product contact person: | Mohammad El-Haj |
| Measurements made by: | Preben Runchel, Leif Klysner & Jesper Nielsen | | |
| Tested device: | RM-648 | | |
| FCC ID: | QTKRM-648 | IC: | 661AD-RM648 |
| Supplement reports: | FCC_RM-648_02 | | |
| Testing has been carried out in accordance with: | <p>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</p> <p>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</p> <p>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</p> | | |
| Documentation: | The documentation of the testing performed on the tested devices is archived for 15 years at TCC Nokia. | | |
| Test results: | <p>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.</p> | | |

Date and signatures:

For the contents:

SAR Report
SAR_Photo_RM-648_03
Applicant: Nokia Corporation

Type: RM-648

Copyright © 2010 TCC Nokia

CONTENTS

| | |
|---|----------|
| 1. SUMMARY OF SAR TEST REPORT..... | 3 |
| 1.1 TEST DETAILS..... | 3 |
| 1.2 PICTURE OF THE DEVICE..... | 3 |
| 2. TEST POSITIONS | 4 |
| 2.1 AGAINST PHANTOM HEAD | 4 |
| 2.2 BODY WORN CONFIGURATION | 5 |

1. SUMMARY OF SAR TEST REPORT

1.1 Test Details

| | |
|--|--|
| Period of test | 2010-03-30 |
| SN, HW and SW numbers of tested device | SN: 004402/13/031006/7, HW: 0204A, SW: 041.005, DUT: 24414 |
| Batteries used in testing | BL-5F, DUT: 24404, 24406, 24409, 24410, 24411 |
| Headsets used in testing | HS-125, DUT: 24400 |
| 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".

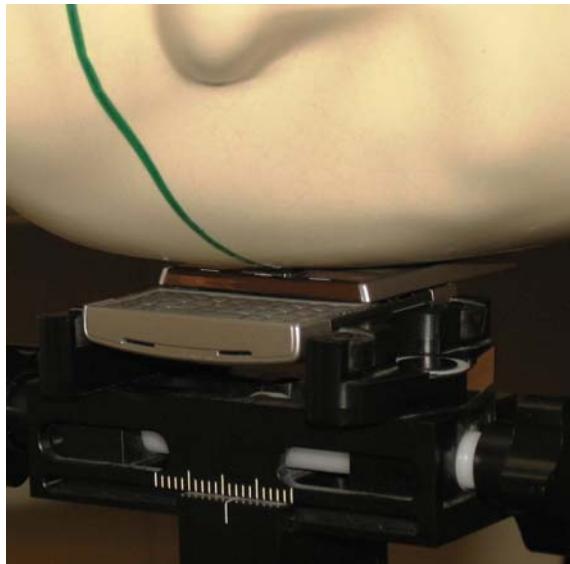


Photo of the device in "cheek" open position

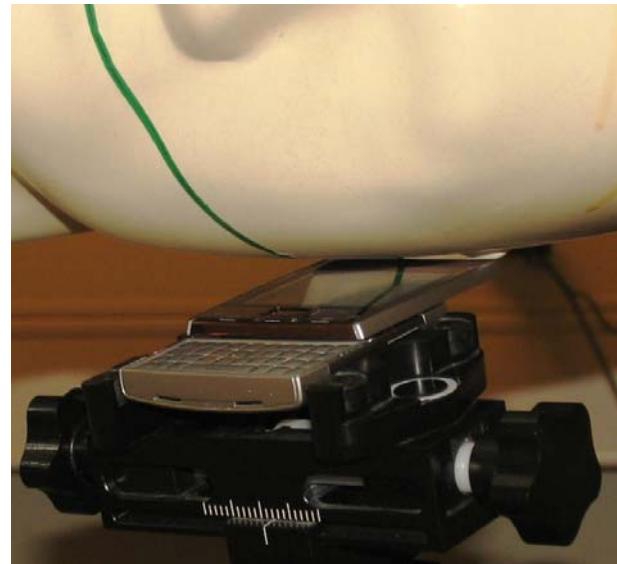


Photo of the device in "tilt" open position

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.