

Test Setup photos for RD-12 SAR Compliance Test Report

Test report no.:	SAR_Photo_RD-12_03	Date of report:	2010-02-05
Template version:	13.0	Number of pages:	5
Testing laboratory:	TCC Nokia Salo Laboratory P.O.Box 86 Joensuunkatu 7H / Kiila 1B FIN-24101 SALO, FINLAND Tel. +358 (0) 7180 08000 Fax. +358 (0) 7180 45220	Client:	Nokia Corporation PL/P.O. Box 407 Itämerenkatu 11-13 FIN-00180 HELSINKI FINLAND Tel. +358 (0) 7180 08000 Fax. +358 (0) 7180 36227
Responsible test engineer:	Virpi Tuominen	Product contact person:	Mikko Lyytikäinen
Measurements made by:	Heikki Kuusela, Alina Tähkäpää		
Tested device:	RD-12		
FCC ID:	PYARD-12	IC:	661V-RD12
Supplement reports:	FCC_RD-12_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:

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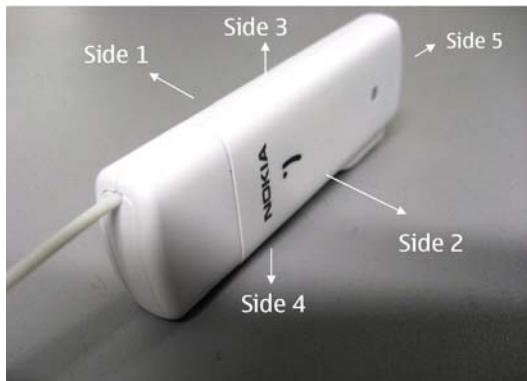
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1. SUMMARY OF SAR TEST REPORT

1.1 Test Details

Period of test	2009-12-28 to 2010-01-04
SN, HW and SW numbers of tested device	SN: 004401/10/996970/5, HW: 1.7, SW: 2.7, DUT: 14390
Batteries used in testing	-
Headsets used in testing	-
Other accessories used in testing	USB Cable, Type: CA-175D, DUT: 14399 Laptop, Type: IBM ThinkPad R52, 1860, SN: GU0956093331, DUT: 13348 Laptop, Type: Amilo Notebook Pa 3553, SN: DWPD011412, DUT: 13612
State of sample	Prototype unit
Notes	-

1.2 Picture of the Device



2. TEST POSITIONS

2.1 Body Worn Configuration

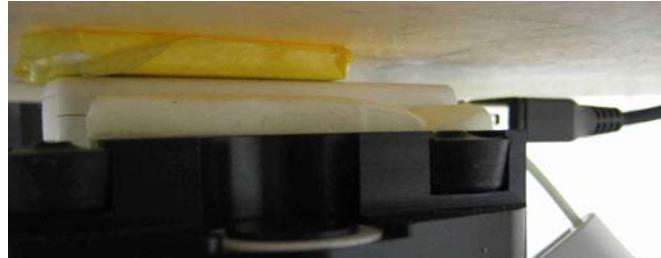
The device was placed below the flat section of the phantom. The distance between the device and the phantom was kept at the separation distance of 0.5 cm using a flat spacer that was removed before starting the measurements. The device was oriented with all five sides facing the phantom to find the highest result. Two of the orientations were tested with device directly connected to a horizontal or to a vertical USB port of the laptop computer positioned against the phantom, and the other three orientations were tested with the device connected to the laptop computer using the high quality USB cable assembly CA-175D.



Device directly connected to a horizontal USB port of the IBM laptop computer, side 1 facing the phantom. The 0.5 cm spacer was removed before the test.



Device directly connected to a vertical USB port of the Amilo laptop computer, side 4 facing the phantom. The 0.5 cm spacer was removed before the test.



Device positioned below the phantom using a SPEAG device holder and expanded styrofoam blocks, side 2 facing the phantom. Device is connected to a USB port of the laptop computer using a CA-175D cable. The 0.5 cm spacer was removed before the test.



Device positioned below the phantom using a SPEAG device holder and expanded styrofoam blocks, side 3 facing the phantom. Device is connected to a USB port of the laptop computer using a CA-175D cable. The 0.5 cm spacer was removed before the test.



Device positioned below the phantom using a SPEAG device holder and expanded styrofoam blocks, side 5 facing the phantom. Device is connected to a USB port of the laptop computer using a CA-175D cable. The 0.5 cm spacer was removed before the test.