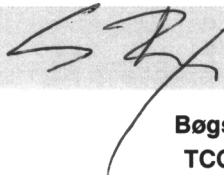


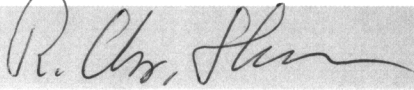
## Ammendment to Test Report DTX09949

|                                                         |                                                                                                                                                                                                                                                           |                                   |                                                                                                               |
|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Test Report no.:</b>                                 | DTX10345                                                                                                                                                                                                                                                  | <b>Date of Report:</b>            | 03/29/2004                                                                                                    |
| <b>Number of pages:</b>                                 | 6                                                                                                                                                                                                                                                         | <b>Customer's Contact person:</b> | Ernst Edelmann                                                                                                |
|                                                         |                                                                                                                                                                                                                                                           | <b>Responsible Test engineer:</b> | Jesper Nielsen                                                                                                |
| <b>Testing laboratory:</b>                              | TCC Copenhagen<br>Frederikskaj<br>1790 COPENHAGEN V<br>DENMARK<br>Tel. +45 33 292929<br>Fax. +45 33 292934                                                                                                                                                | <b>Client:</b>                    | Nokia Corporation<br>Frederikskaj<br>1790 COPENHAGEN V<br>DENMARK<br>Tel. +45 33 292929<br>Fax. +45 33 292934 |
| <b>Tested devices/ accessories:</b>                     | Phone; RH-47 (HW: 0406), BL-6C, MMC                                                                                                                                                                                                                       |                                   |                                                                                                               |
| <b>Supplement reports:</b>                              |                                                                                                                                                                                                                                                           |                                   |                                                                                                               |
| <b>Testing has been carried out in accordance with:</b> | Bluetooth RF Test Specification: TRC/CA/01/C (Out-of-Band Spurious Emissions):<br>FCC Part 15.247 and IC RSS-210, section 6.2.2<br><br>Detailed list of performed relevant test cases can be seen on page two.                                            |                                   |                                                                                                               |
| <b>Documentation:</b>                                   | The test report must always be reproduced in full; reproduction of an excerpt only is subject to written approval of the testing laboratory. The documentation of the testing performed on the tested devices is archived for 15 years at TCC Copenhagen. |                                   |                                                                                                               |
| <b>Test Results:</b>                                    | The EUT complies with the requirements in respect of all parameters subject to the test.<br>The test results relate only to devices specified in this document                                                                                            |                                   |                                                                                                               |

**Date and signatures for the contents:**

03/29/2004

  
**Bøgsted Svend**  
TCC Manager

  
**Ruben Hansen**  
Team Leader

## 1. Summary for Radiated Spurious Emissions Compliance Test Report

|                               |                            |
|-------------------------------|----------------------------|
| Date of receipt               | 01/21/2004                 |
| Testing completed             | 03/29/2004                 |
| The customer's contact person |                            |
| Test Plan referred to         | \\EMC\\TESTPLAN\\          |
| Notes                         | None.                      |
| Document name                 | Aquarius_FCC_Band_edge.doc |

Devices under tests

| Product          | Type  | SN                 | HW   | MV | SW   | DUT    |
|------------------|-------|--------------------|------|----|------|--------|
| Phone (Aquarius) | RH-47 | 001004/00/127387/0 | 0406 |    | 2.20 | 233290 |
| Battery          | BL-6C |                    |      |    |      | 233291 |
| MMC card         |       |                    |      |    |      | 233326 |
| Sim card         |       |                    |      |    |      | 233381 |

Reference documents, which are delivered on the customer's request:

1. Test methods and levels are described in document  
*Radiated Spurious Emissions description.doc* version 5.0
2. Test equipments are described in document *Test Equipment.xls*
3. Measurement uncertainties are described in document *Uncertainties.xls*
4. Report templates version histories are described in document *Template History.doc*

The following tests have been carried out in accordance with the testplan, which can specify some test cases to be performed partly.

| BT Frequency Hopping |           | BT Fixed frequency |           | RESULT |
|----------------------|-----------|--------------------|-----------|--------|
| Low band             | High band | Low band           | High band |        |
| X                    |           |                    |           | Passed |
|                      | X         |                    |           | Passed |
|                      |           | X                  |           | Passed |
|                      |           |                    | X         | Passed |

PASSED  
FAILED  
X

The EUT complies with the essential requirements in the standard.  
The EUT does not comply with the essential requirements in the standard.  
The test was selected to be done.

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## CONTENTS

|                                                                                |          |
|--------------------------------------------------------------------------------|----------|
| <b>1. Summary for Radiated Spurious Emissions Compliance Test Report .....</b> | <b>2</b> |
| <b>2. EUT with Battery .....</b>                                               | <b>4</b> |
| 2.1. Bluetooth Test results .....                                              | 4        |

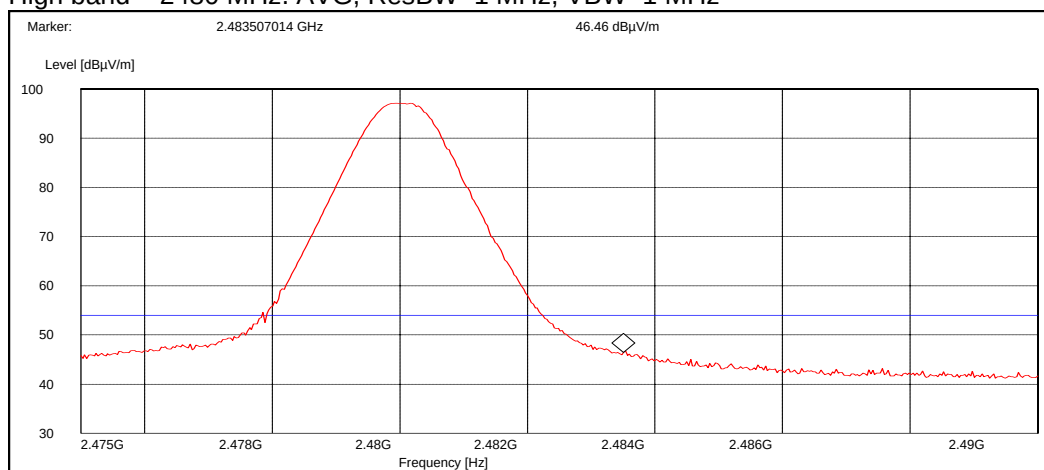
## 2. EUT with Battery

|                                     |                                                               |
|-------------------------------------|---------------------------------------------------------------|
| <b>EUT with DUT number</b>          | Phone dut#233290                                              |
| <b>Accessories with DUT numbers</b> | Battery dut#233291, MMC card dut#233326 , Sim card dut#233381 |
| <b>Result</b>                       | EUT is compliant                                              |
| <b>Remarks</b>                      | None                                                          |
| <b>Temp °C / Humidity RH %</b>      | 19.7°C / 42.5%                                                |
| <b>Date of measurements</b>         | 03/29/2004                                                    |
| <b>Measured by</b>                  | Jesper Nielsen                                                |

### 2.1. Bluetooth Test results

#### 2.1.1 BT in single frequency mode

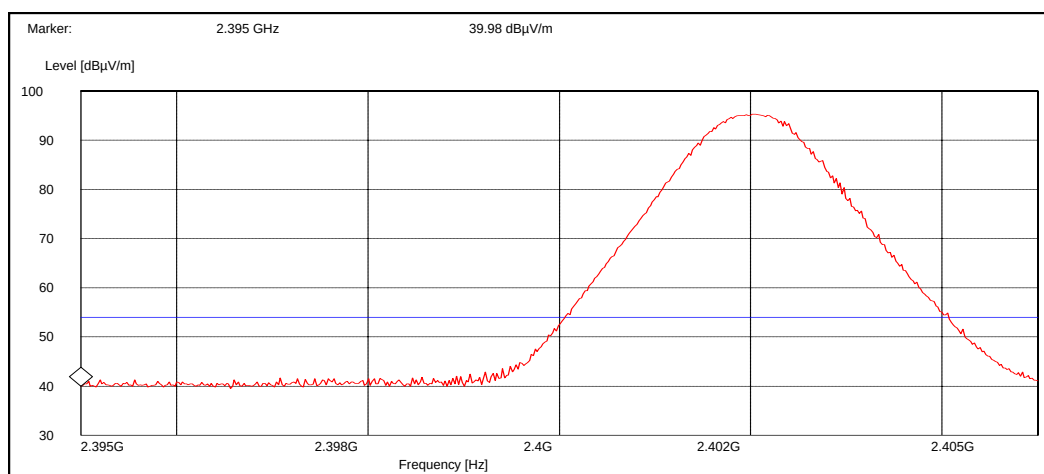
High band – 2480 MHz. AVG, ResBW=1 MHz, VBW=1 MHz



Marker value

| Frequency / MHz | Level / dBμV/m | Margin / dB | Azimuth / deg | Height / cm | Polarisation | Result |
|-----------------|----------------|-------------|---------------|-------------|--------------|--------|
| 2483.5          | 46.46          | 7.54        | 35.00         | 160,00      | VERTICAL     | Passed |

Low band – 2402 MHz. AVG, ResBW=1 MHz, VBW=1 MHz

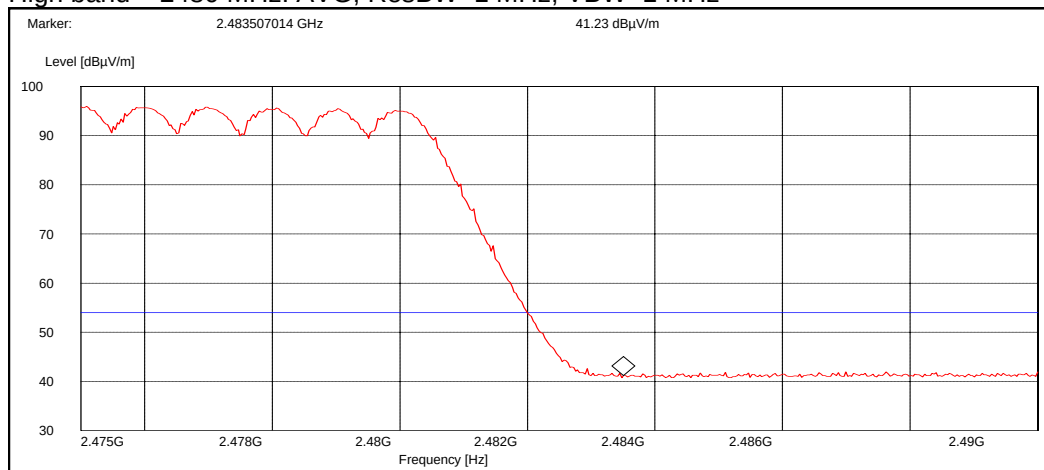


Marker value

| Frequency / MHz | Level / dB $\mu$ V/m | Margin / dB | Azimuth / deg | Height / cm | Polarisation | Result |
|-----------------|----------------------|-------------|---------------|-------------|--------------|--------|
| 2395            | 39.98                | 14.02       | 285.00        | 124,00      | VERTICAL     | Passed |

## 2.1.2 BT in hopping frequency mode Europe/US

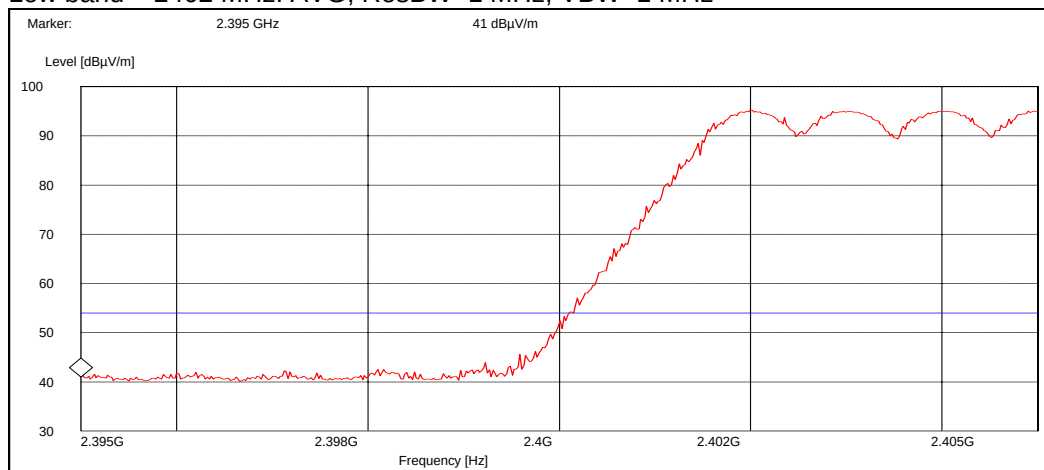
High band – 2480 MHz. AVG, ResBW=1 MHz, VBW=1 MHz



Marker value

| Frequency / MHz | Level / dB $\mu$ V/m | Margin / dB | Azimuth / deg | Height / cm | Polarisation | Result |
|-----------------|----------------------|-------------|---------------|-------------|--------------|--------|
| 2483.5          | 41.23                | 12.77       | 35.00         | 160,00      | VERTICAL     | Passed |

Low band – 2402 MHz. AVG, ResBW=1 MHz, VBW=1 MHz



Marker value

| Frequency / MHz | Level / dBμV/m | Margin / dB | Azimuth / deg | Height / cm | Polarisation | Result |
|-----------------|----------------|-------------|---------------|-------------|--------------|--------|
| 2395            | 41.00          | 13.00       | 285.00        | 124,00      | VERTICAL     | Passed |