



**EXTERIOR PHOTOGRAPHS OF A 2.4 GHZ LOW  
POWER WLAN MINIPCI CARD, BRAND AGERE,  
TYPE MPC13A-20/R, BUILT INTO NOTEBOOK TYPE  
LATITUDE X200, BRAND DELL.**

|                        |                                       |
|------------------------|---------------------------------------|
| Accredited by          | :STERLAB accreditation number L359    |
|                        | RVC accreditation number C078         |
| Competent body         | :Article 10-2 EMC Directive 89/336/EC |
| Notified body nr. 0336 | :Article 10-5 EMC Directive 89/336/EC |
|                        | R&TTE Directive 1999/5/EC             |
|                        | Low Voltage Directive 73/23/EC        |
| FCC listed             | :31040/SIT                            |
| Industry Canada        | :IC3501                               |

**TNO Physics and Electronics Laboratory**  
**P.O. Box 15**  
**9822 ZG Niekerk (NL)**  
**Smidshornerweg 18**  
**9822 TL Niekerk (NL)**

Telephone: +31 594 505005  
Telefax: +31 594 504804

E-mail: [eps@certi.tno.nl](mailto:eps@certi.tno.nl)



Description of EUT: 2.4 GHz low power RLAN MiniPCI card  
Manufacturer: Agere Systems Nederland B.V.  
Brand mark: Agere  
Type: MPC13A-20/R built into notebook  
type Latitude X200  
FCC ID: IMRMPCIDE3

---

### **Description of test item**

Test item : 2.4 GHz low power RLAN MiniPCI card  
built into notebook type Latitude X200  
Manufacturer : Agere Systems Nederland B.V.  
Brand : Agere  
Type : MPC13A-20/R  
Serial number : n.a.  
Revision : 8U354  
Receipt number : 2  
Receipt date : March 13, 2002

### **Applicant information**

Applicant's representative : Mr. W. Kerkhof  
Company : Agere Systems Nederland B.V.  
Address : Zadelstede 1-10  
Postal code : 3431 JZ  
City : Nieuwegein  
PO-box : 755  
Postal code : 3430 AT  
City : Nieuwegein  
Country : The Netherlands  
Telephone number : +31 30 609 7534  
Telefax number : +31 30 609 7556  
Order number : n.a.

This report is in conformity with EN 45001.

This report shall not be reproduced, except in full, without the written permission of TNO Physics and Electronics Laboratory.  
The test results relate only to the item(s) tested.



Description of EUT: 2.4 GHz low power RLAN MiniPCI card  
Manufacturer: Agere Systems Nederland B.V.  
Brand mark: Agere  
Type: MPCI3A-20/R built into notebook  
type Latitude X200  
FCC ID: IMRMPCIDE3

---

## **Table of contents**

|     |                                                                   |    |
|-----|-------------------------------------------------------------------|----|
| 1   | Introduction.....                                                 | 4  |
| 2   | Exterior photographs.....                                         | 5  |
| 2.1 | Front view of notebook type Latitude X200.....                    | 5  |
| 2.2 | Left side view of notebook type Latitude X200.....                | 6  |
| 2.3 | Back side view of notebook type Latitude X200.....                | 7  |
| 2.4 | Right side view of notebook type Latitude X200.....               | 8  |
| 2.5 | Bottom view (docking station) of notebook type Latitude X200..... | 9  |
| 2.6 | Docking station and notebook type Latitude X200.....              | 10 |



|                     |                                                       |
|---------------------|-------------------------------------------------------|
| Description of EUT: | 2.4 GHz low power RLAN MiniPCI card                   |
| Manufacturer:       | Agere Systems Nederland B.V.                          |
| Brand mark:         | Agere                                                 |
| Type:               | MPCI3A-20/R built into notebook<br>type Latitude X200 |
| FCC ID:             | IMRMPCIDE3                                            |

---

## 1 Introduction.

The 2.4 GHz low power RLAN MiniPCI card, brand Agere, type MPC13A-20/R, can be built into several types of notebooks, brand Dell.

This document contains photographs of a notebook, type Latitude X200, brand Dell.

The antenna system, which is used in notebook type Latitude X200, brand Dell, is defined as:

|              |                |
|--------------|----------------|
| Manufacturer | : Amphenol KAE |
| Peak gain    | : 0.9 dBi      |
| Type         | : PIFA         |

## 2 Exterior photographs.

### 2.1 Front view of notebook type Latitude X200.



## 2.2 Left side view of notebook type Latitude X200.



### 2.3 Back side view of notebook type Latitude X200.



## 2.4 Right side view of notebook type Latitude X200.



## 2.5 Bottom view (docking station) of notebook type Latitude X200.



## 2.6 Docking station and notebook type Latitude X200.

