



# GSM ASSESSMENT REPORT

No. 1-504/07A20

for the

**Wireless CPU®**

of

**WAVECOM**

**GSM 900/1800 Modem function**

**Type Plug&Play Wireless CPU**

**Model M2106+**

with

**Hardware Version: 100**

**Software Version: Open AT® Firmware 6.57e**

**This GSM Assessment Report consists of 6 pages  
and is related to *CETECOM* GSM TEST REPORT No. 504/07T04**

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according to  
DIN EN ISO/IEC 17025 by:**



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## 1. General Information

The purpose of a *CETECOM* GSM Assessment Report, which is issued by *CETECOM*'s accredited GSM test laboratory, is to provide a summary statement of conformity for the Equipment under Investigation (EUI) towards all applicable technical requirements as given within the relevant GSM standards.

Another purpose of a *CETECOM* GSM Assessment Report is to take into consideration the applicability of (re)testing in all cases where the EUI or variants thereof have already been tested before, in cases of product updates or upgrades or when accessories with relevance to conformity requirements shall be introduced.

*CETECOM* GSM Assessment Reports may only be issued for those EUI, modifications thereof, derivatives thereof or accessories, where sufficient technical documentation has been made available to *CETECOM* to allow an overall judgement by taking into consideration all relevant information.

## 2. Summary of the Assessment

*CETECOM* has received and verified the client's and/or manufacturer's documentation for the Equipment under Investigation (EUI) and came to the conclusion that - according to this documentation - the EUI

### **WAVECOM GSM 900/1800 Modem function, model M2106+**

with the following configuration:

**Hardware Version: 100**

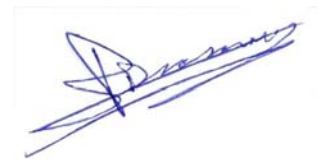
**Software Version: Open AT® Firmware 6.57e**

is conformant to all applicable technical requirements as given within the relevant GSM standards and demanded in the applied reference documents.



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(Author of the GSM Assessment Report)



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Dipl.-Ing. Pierre Jean DUMAY  
Deputy Project Leader  
(Verification of the GSM Assessment Report)



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Dipl.-Ing. Franck DEHOUR  
Test Lab Manager  
(Responsible for the GSM Assessment Report)

### **3. Administrative Data**

#### **3.1. Identification of the Testing Laboratory Issuing the GSM Assessment Report**

Company Name:	CETECOM SARL
Department:	Mobile Communications
Address:	320, rue Hélène Boucher F-78532 BUC Cedex France
Telephone:	+33 (0) 1.39.24.29.59
Fax:	+33 (0) 1.39.24.29.83
Responsible Test Lab Manager(s):	Dipl.-Ing. Franck DEHOUR

#### **3.2. Organisational Items**

CETECOM Reference No.:	504_07
CETECOM Order No.:	5048_07

#### **3.3. Identification of the Client**

Company Name:	WAVECOM SA
Address:	3, Esplanade du Foncet 92442 Issy les Moulineaux Cedex France
Contact Person(s):	Carine DIREXEL
Telephone:	+33 1 46 29 42 26
Fax:	+33 1 46 29 08 08

#### **3.4. Identification of the Manufacturer**

Company Name:	WAVECOM Asia Pacific Ltd
Address:	Room 201-207, 2/F, Bio-informatics Center, Hong Kong Science park, Shatin, HONG KONG
Contact Person(s):	Christophe SEVEAU
Telephone:	+852 2824 5236
Fax:	+852 2824 0958

## 4. Equipment under Investigation (EUI)

### 4.1. Identification of the Equipment under Investigation

Brand Name:	WAVECOM
Type Name:	M2106+
Marketing Name:	Fastrack M2106+
GSM Frequency Bands:	GSM 900/1800
Special Features / Comments:	

### Description of the Module

Module integration	software Version	Hardware Version
Q24 Plus (HR codec)	Open AT® Firmware 6.57e	305

### 4.2. Front View of the Equipment under Investigation



## 5. Applied Reference Document(s)

The following reference document(s) built the basis for the *CETECOM* assessment of the Equipment under Investigation:

No.	Document Identity	Document Title/Version	Version/Date
[1]	GCF-CC	Global Certification Forum - Certification Criteria	V3.27.1 (2007-07)

## 6. Assessment for the Equipment under Investigation (EUI)

### 6.1. Assessment for Software Update(s)

The software of the WAVECOM GSM 900/1800 Modem function model M2106+ was updated

from version Open AT® Firmware 6.57a (initial version)  
to version Open AT® Firmware 6.57e (final version).

The WAVECOM GSM 900/1800 Modem function model M2106+, with the following configuration:

**Hardware Version: 100**  
**Software Version: Open AT® Firmware 6.57e**

integrates the following Wireless CPU: Q24 Plus (HR Codec)

HW version: 305

SW version: Open AT® Firmware 6.57e

*CETECOM* checked the software update documentation received from the client and/or manufacturer (see documentation: M2106+\_certification file and Q2406B-Q2501B-M2106+\_certification background\_OS657e\_v2) and came to the conclusion that conformity of the EUI towards the applicable technical GSM requirements with the above mentioned final software version can be based on the conformity of the Q24 Plus Wireless CPU.

The detailed information about Q24 Plus's overall conformity towards GCF-CC V3.27.1 is given in the *CETECOM* assessment report: 1\_504/07A18.

To ensure the EUI's overall conformity towards GCF-CC V3.27.1 based on Q24 Plus's conformity to GCF-CC V3.27.1, *CETECOM* did not recommend additional testing to ensure the conformity to all applicable technical GSM requirements.