

GSM ASSESSMENT REPORT

No. 1-504/07A14

for the

Software Update

of

WAVECOM SA

GSM 850/900/1800/1900 Wireless CPU

Type Q2686

with

Hardware Version: 403

Software Version: Open AT[®] Firmware 6.63

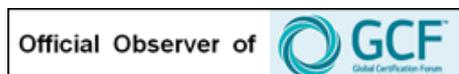
This GSM Assessment Report consists of 6 pages
and is related to *CETECOM* GSM TEST REPORT No. 504/07T13

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CETECOM is accredited
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 SA GSM 850/900/1800/1900 Wireless CPU type Q2686

with the following configuration:

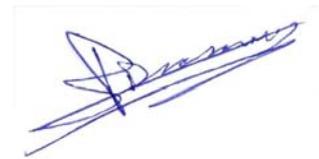
Hardware Version: 403

Software Version: Open AT[®] Firmware 6.63

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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Deputy Project Leader
(Verification of the GSM Assessment Report)



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.:	5033_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

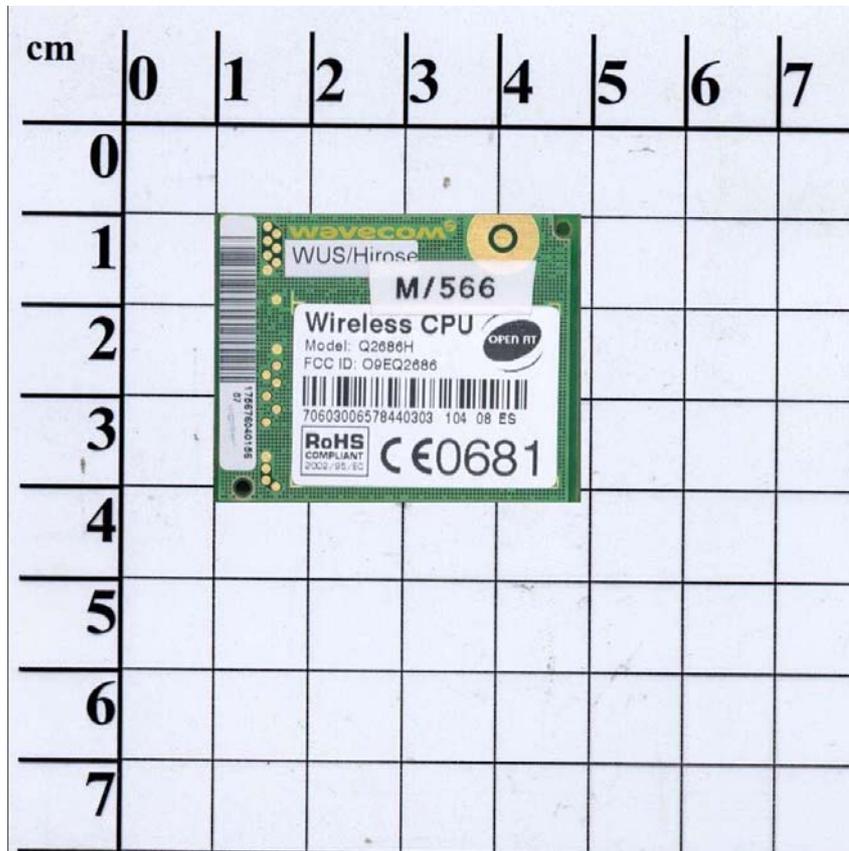
Company Name:	WAVECOM SA
Address:	3, Esplanade du Foncet 92442 Issy les Moulineaux Cedex France
Contact Person(s):	Carine DIREXEL
Telephone:	+33 1 46 29 42 26
Fax:	+33 1 46 29 08 08

4. Equipment under Investigation (EUI)

4.1. Identification of the Equipment under Investigation

Brand Name:	WAVECOM SA
Type Name:	Q2686
Marketing Name:	Q2686 wireless CPU
GSM Frequency Bands:	GSM 850/900/1800/1900
Special Features / Comments:	GPRS (MSC 10)/AMR

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	V3.26.0 (2007-04)

6. Assessment for the Equipment under Investigation (EUI)

6.1. Assessment for Software Update(s)

The software of the WAVECOM SA GSM 850/900/1800/1900 Wireless CPU type Q2686 was updated

from version Open AT[®] Firmware 6.62 (initial version)
to version Open AT[®] Firmware 6.63 (final version)

The software update documentation received from the client and/or manufacturer (see documentation: Q2686_certification background_Open AT[®] Firmware 663_v1) states that the implemented software update modifications have a limited impact on the EUI's conformity towards the applicable technical GSM requirements. *CETECOM* checked the documentation and came to the conclusion that conformity of the EUI with the above mentioned final software version can be presumed with partial additional retesting.

To ensure the EUI's overall conformity towards GCF-CC V3.26.0 based on the previous conformity to GCF-CC V3.24.0 (see documentation: Q2686_certification background_Open AT[®] Firmware 663_v1), *CETECOM* recommended performing a selection of tests to ensure the conformity to all applicable technical GSM requirements.

Due to the fact that SW Open AT[®] Firmware 6.63 used by both products Q2686 and Q2687 are similar, *CETECOM* recommended to perform testing on the single Q2687.

All recommended tests have been performed at *CETECOM*'s (own and/or subcontracted) accredited GSM test laboratories.

Detailed results are given in the related *CETECOM* GSM Test Report No. 504/07T13.

CETECOM came to the conclusion that conformity of the EUI with the above mentioned final software version can be presumed because the testing did not reveal any errors.