

CETECOM ICT Services GmbH • Postfach 10 04 45 • D-66004 Saarbrücken

Siemens AG
ICM WM RD ST2
attn. Mr. Thorsten Liebig
Siemensdamm 50
D-13623 Berlin

Your reference, your message from	Our reference, our message from	Phone / Fax	Saarbrücken
Cellular Engine TC35i	SCHM	+49 (0)2054 / 9519-28 /	23.04.2003
Order dated 16.04.03 (email)	M351249P_02_EO&CC	+49 (0)2054 / 9519-88	

• **Conformity Re-Assessment – (SW 0.26c / Rev.01.03 / SVN: 3)**

identification of the proceeding

Registration Number: **M351249P-EO/-CC**
Product Manufacturer: **Siemens AG, Siemensdamm 50, D-13623 Berlin**
Product Designation: **Cellular Engine TC35i**

Dear Sirs,

following your order we have performed the conformity assessment for your product given above.
Please find enclosed the relating issue of the

Certificate “Expert Opinion“ with the registration number : **M351249P-EO**

Certificate of Conformity with the registration number : **M351249P-CC**

The products have to be marked with the CE sign followed by our notified body identification number 0682 before the placing on the market.

The order is concluded herewith. We will charge for our services by a separate invoice.

Yours faithfully
CETECOM ICT Services GmbH

i.A. Marc Schmidt

Enclosure

- Certificate “Expert Opinion“
- Certificate of Conformity
- SW update notification to GSM Association

CETECOM ICT Services GmbH

EC Identification number 0682

authorized by the German Government



with decree Vfg 28/2000, issued in the Official Journal 6/2000
of the Regulierungsbehörde für Telekommunikation und Post,
to act as Notified Body in accordance with the R&TTE Directive 1999/5/EC of 9. March 1999.

CERTIFICATE EXPERT OPINION

Registration-No.: **M351249P-EO**
Certificate Holder: **Siemens AG
Siemensdamm 50
D-13623 Berlin
Germany**
Product Designation: **Cellular Engine TC35i**
Product Description: **E-GSM 900 / GSM 1800 Dual Band Terminal Equipment**
Product Manufacturer: **See Certificate Holder**

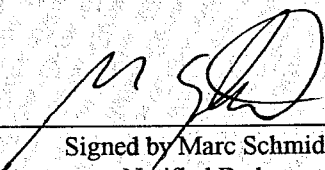
essential requirement (corresponding R&TTE article)	Applied Specifications / Standards	Evidence Documentation	Result
RF spectrum efficiency (Art. 3.2)	3GPP TS 51.010-1, v.5.2.1, selection acc. to GCF-CC, v.3.8.1, covering essential radio test suites from EN 301 511, v.7.0.1	Test Report	conform
EMC (Art. 3.1b)	EN 301489-1:V1.2.1 EN 301489-7:V1.1.1	Test Report & Certificate of Conformity (EMC)	conform
Safety (Art. 3.1a)	EN 60950:2000	Test Report	conform

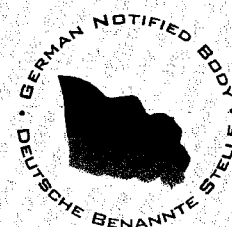
Marking: **The products shall be marked with CE and our notified body number as shown right hand.**

CE 0682

The scope of evaluation relates to the submitted documents only.
The certificate is only valid in conjunction with the following annex.

Saarbrücken, April 23, 2003
Place, Date of Issue


Signed by Marc Schmidt
Notified Body



Product Details

Cellular Engine TC35i

HW Version: S30880-S8110-A200-1 / B2.6 SW Version: 0.26c (Revision 01.03, SVN 3)

The product is a E-GSM 900 / 1800 module with external interfaces for use in various applications.

Product Basic Characteristics:

Frequency Band(s):	E-GSM 900 / GSM 1800, simultaneous multiple band operation
Power Class:	GSM 900: 4 (2W) / GSM 1800: 1 (1W)
MS-Type:	small MS

Technical Construction File (TCF) Details

- **Test Reports / Evidence regarding R&TTE article 3.2 (RF spectrum efficiency):**

GSM Test Report and associate Assessment Report:

no.1-631/02T73 & no.1-631/02A76.

issued by: Cetecom GmbH (accredited test laboratory).

applied standard(s), final status: 3GPP TS 51.010-1, v.5.2.1, selection acc. to GCF-CC, v.3.8.1, covering essential radio test suites from EN 301 511, v.7.0.1.

note: In conjunction with further relevant parts of the presented TCF the above given test and assessment report demonstrate compliance with R&TTE article 3.2 (RF spectrum efficiency).

- **Test Reports / Evidence regarding R&TTE article 3.1b (EMC)**

Test Report, no. 2-20572683a/03

issued by: Cetecom GmbH, (accredited test laboratory).

applied standard(s): EN 301 489-1:V1.2.1 and EN 301 489-7:V1.1.1.

Certificate of Conformity (EMC), no. 03-021

issued by: Cetecom GmbH, Competent Body.

note: In conjunction with further relevant parts of the presented TCF the above given test report demonstrates compliance with R&TTE article 3.1b (EMC).

- **Test Reports / Evidence regarding R&TTE article 3.1a (safety aspect)**

Test Report, no. 3-3561-1-2/03

issued by: Cetecom ICT Services GmbH, (accredited test laboratory).

applied standard(s): EN 60 950 (2000).

note: In conjunction with further relevant parts of the TCF the above given test report demonstrates compliance with the safety requirements of R&TTE article 3.1a (Safety and Health).

- **Manufacturer's technical documentation for the product.**

Note: The assessment documented herein may partially be based on documentation from previous assessment applied to former versions of the product or to product variants which can be seen as identical in all relevant parts. Those documentation is additional part of the current TCF version or may be given there by reference, together with relevant update and / or comparison information.

CETECOM ICT Services GmbH



CERTIFICATE OF CONFORMITY

Registration-No.: **M351249P-CC**

Certificate Holder: **Siemens AG**
Siemensdamm 50
D-13623 Berlin
Germany

Product Designation: **Cellular Engine TC35i**

Product Description: **E-GSM 900 / GSM 1800 Dual Band Terminal Equipment**

Product Manufacturer: **See Certificate Holder**

Applied Specifications:

- **3GPP TS 51.010-1, v5.2.1, selection according to GCF-CC, v3.8.1, covering EN 301 511, v.7.0.1**
- **EN 301 489-1:V1.2.1 and EN 301 489-7:V1.1.1**
- **EN 60950:2000**

Statement:

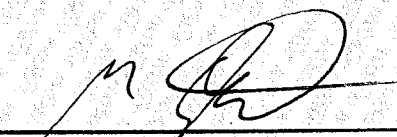
The equipment is compliant to the above listed specifications.

This certificate is only valid in conjunction with the following annex.

By decree Vfg 28/2000, issued in the Official Journal 6/2000 of the **Regulierungsbehörde für Telekommunikation und Post**, CETECOM ICT Services is authorized to act as Notified Body (EC identifier 0682) in accordance with the R&TTE Directive 1999/5/EC of 09. March 1999

Saarbrücken, April 23, 2003

Place, Date of Issue


Signed by Marc Schmidt
Certification Body



Product Details

Cellular Engine TC35i

HW Version: S30880-S8110-A200-1 / B2.6 SW Version: 0.26c (Revision 01.03, SVN 3)

The product is a E-GSM 900 / 1800 module with external interfaces for use in various applications.

Product Basic Characteristics:

Frequency Band(s):	E-GSM 900 / GSM 1800, simultaneous multiple band operation
Power Class:	GSM 900: 4 (2W) / GSM 1800: 1 (1W)
MS-Type:	small MS

Technical Construction File (TCF) Details**GSM (GCF Scope) Test Report and associate Assessment Report:**

no.1-631/02T73 & no.1-631/02A76.

issued by: Cetecom GmbH (accredited test laboratory).

applied standard(s), final status: 3GPP TS 51.010-1, v.5.2.1, selection acc. to GCF-CC, v.3.8.1, covering essential radio test suites from EN 301 511, v.7.0.1.

EMC Test Report no. 2-20572683a/03

issued by: Cetecom GmbH, (accredited test laboratory).

applied standard(s): EN 301 489-1:V1.2.1 and EN 301 489-7:V1.1.1.

Certificate of Conformity (EMC), no. 03-021

issued by: Cetecom GmbH, Competent Body.

Safety Test Report no. 3-3561-1-2/03

issued by: Cetecom ICT Services GmbH, (accredited test laboratory).

applied standard(s): EN 60 950 (2000).

Manufacturer's technical documentation for the product.

Note: The assessment documented herein may partially be based on documentation from previous assessment applied to former versions of the product or to product variants which can be seen as identical in all relevant parts. Those documentation is additional part of the current TCF version or may be given there by reference, together with relevant update and / or comparison information.

GSMA - C.E.I.R

Model List / IMEI Range Input Data

part A

originator: **CETECOM GmbH**
TAA ID: **262/TAU/520000**

contact: **Nikolaus Wahi, CETECOM GmbH, Im Teelbruch 122, D - 45219 Essen, GERMANY**
tel: **+49 2054 / 9519-37, fax: +49 2054 / 9519-88, email: nikolaus.wahi@cetecom.de**

TAA timezone: **A**
"reason": **passed = 0001, rejected = 0002, expired = 0003, withdrawn = 0009, additional model = 0081, addit. factories = 0082, other = 0090 (specify)**
"classifications": **interim = 1, full approval = 2, approval withdrawn = 3**

	Sender Fax Ref.	date of input / signature	input confirmed? (date)	reason (specify if other)	classifications existing / new	approval holder ID <ccc/MANU/ID no.>	IMEI allocations (existing)			new (addit.) IMEI allocations			associated factory ID(s) (last 2 digits = FAC) <ccc/MANU/ID no.>
							TAC(s)	FAC(s) assoc. to given	serial no. range(s) given range is allocated to each TAC / FAC combination if not specified separately	TAC	FAC(s) assoc. to given TAC	serial no. range(s) given range is allocated to each combination if not specified separately	
M1188		03-04-23		notific. of SW update	2/2	262 / 520500	35124900 35125000 35125100		0 - 999999				

GSM MoU Association - C.E.I.R
Model List Inputs / Allocate IMEI Range Inputs

part B

originator: **CETECOM GmbH**
TAA ID: **262ITAAU/520000**

Model Description												comments	
this page belongs to CEIR Fax Ref:	designation type	marketing name	GSM phase	equipm. type	equipm. pow. class	extra features	peripherals	SW ID	SW release date/time	assessment date	Cetecom registration no.	associated models? (give assoc. fax ref.)	
M1188	S30880-S8110-A200.*	Cellular Engine TC35i	2+	small MS	GSM 900: 04 GSM 1800: 01	Dual Band 900/1800		0.26c (Revision 01.03 SVN 3)		03-04-23	M351249P		