

Declaration of Conformity

We, Siemens AG
Information and Communication Mobile
Cordless Products
ICM CP

Frankenstrasse 2
46395 Bocholt
Germany

declare, that the hereinafter mentioned product is manufactured according to our Full Quality Assurance System certified by CETECOM ICT Services GmbH with the registration number "Q810820M" in compliance with

ANNEX V of the **R&TTE-Directive 1999/5/EC**

Product: "Diverse Repeater" GBR-PTT Version (RTX 4052)
Portable and Fixed Part according DECT Standard

The presumption of conformity with the essential requirements regarding Council Directive 1999/5/EC is ensured according to

Art. 3.1 a)	Safety:	EN60950 <i>(equivalent to 73/23/EC)</i>
Art. 3.1 a)	EMF/SAR:	99/519/EC (EU-Council Recommendation) <i>ES59005 (SAR Test Method)</i> <i>ICNIRP Guideline</i>
Art. 3.1 a)	Acoustic Shock:	Not applicable
Art. 3.1 b)	EMC:	EN 301 489-1/-6 <i>(equivalent to 89/336/EC)</i>
Art. 3.2	Radio:	EN 301 406

The product is labelled with the European Approvals Marking CE and the 0682 for the notified Body.

Any unauthorized modification of the product voids this Declaration.

Bocholt, 30 August 2002
.....
Place and Date



.....
Mr. Leiblich
Senior Approvals Manager

Tel.: +49-2871-91-2285
Fax: +49-2871-91-2495

Certificate of Conformity regarding Effective Use of Radio Spectrum

according Article 3 "Essential Requirements" of the R&TTE Directive 1999/5/EC

We, Siemens AG – ICM CP -, declare, that the DECT Portable and Fixed Part

"Diverse Repeater" GBR-PTT Version (RTX 4052)

is conform to the Harmonised Standard **EN 301 406** (Issue March 2001).

The effective use of the Radio Spectrum allocated to terrestrial/space radio communication and orbital resources is ensured so as to avoid harmful interference.

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Assessment of Conformity R&TTE-Directive 99/5/EC

The DECT device

„Diverse Repeater” UK version, PTT

is conform to the requirements according to **R&TTE-Directive 1999/5/EC**.

1. Product information:

Bill of Material (BOM) - delivery unit	: S30853-H601-L167-1
BOM - device	÷
BOM - PCBA VF	÷
Circuit diagram VF	: RTX4052_inf_v6_rA.sch-1/2 (ver. 6, rev. A)
Component layout VF	: RTX4052_v6.pcb
BOM - PCBA RF	÷
Circuit diagram RF	÷
Component layout RF	÷
PCB	÷
Software version	: V 2.11
User manual	: A31008-G4000-P005-5-7619
Equipment manufacturing document (EMD) - delivery unit	: 95102630 (rev. A)
EMD - device	÷
Packaging	: F39033-V174-C3
Production plant	: Horsens / Denmark

2. Test Standards

2.a.) Essential Requirements:	CoC-Id.:	Result:
a) Safety: EN 60950 / IEC 60950 (73/23/EC)	G0M20202-6340-C*	conform
b) EMF/ SAR: 99/519/EC (EU Council Recommendation), ES 59005; ICNIRP	G0M20202-6340-C*	conform
c) EMC: ETSI EN 301 489-1/6	G0M20202-6340-C*	conform
d) RF: ETSI EN 301 406	G0M20202-6340-C*	conform
e) Acoustic Shock: Common Technical Regulation TBR 10, Annex D	---	not appl.

2.b.) Further relevant provisions:	CoC-Id.:	Result:
f) General: R&TTE Directive 99/5/EC	P02-0830-01	conform
g) Frequency Notification: R&TTE Directive Art. 6; CEPT/ERR/REG70-03, Annex 3a	---	not appl.

2.c.) Additional requirements:	CoC-Id.:	Result:
h) Common Technical Regulation TBR 10	---	not appl.
i) Common Technical Regulation TBR 22 (Protocol)	---	not appl.
j) Common Technical Regulation TBR 22 (Phys. Layer)	---	not appl.
k) Common Technical Regulation I-CTR 37	---	not appl.
l) EG 201 121	---	not appl.
m) Common Technical Regulation TBR 38	---	not appl.

Remarks: * EC-R&TTE Certificate by BZT-ETS Certification GmbH.

The 'Diverse Repeater' is similar regarding the standard to the 'Gigaset Repeater' IM (see declaration by RTX).

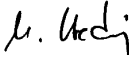
3. General assessment / summary:

The presumption of conformity with the essential requirements regarding Council Directive 99/5/EC is ensured.

Siemens AG
Information and Communication Mobile
Cordless Products
ICM CP QM PQA

Frankenstrasse 2
46395 Bocholt
Germany

Bocholt, 30 August 2002
.....
Place and Date


.....
Mr. Hedwig
Tel.: +49-2871-91-3698
Fax: +49-2871-91-63698

Certificate of Conformity General Requirement R&TTE

CoC-Id.: P02-0830-01

The DECT device

„Diverse Repeater” UK version, PTT

is conform to the requirements according to **R&TTE-Directive 99/5/EC**.

1. Product information:

Bill of Material (BOM) - delivery unit	: S30853-H601-L167-1
BOM - device	÷
BOM - PCBA VF	÷
Circuit diagram VF	: RTX4052_inf_v6_rA.sch-1/2 (ver. 6, rev. A)
Component layout VF	: RTX4052_v6.pcb
BOM - PCBA RF	÷
Circuit diagram RF	÷
Component layout RF	÷
PCB	÷
Software version	: V 2.11
User manual	: A31008-G4000-P005-5-7619
Equipment manufacturing document (EMD) - delivery unit	: 95102630 (rev. A)
EMD - device	÷
Packaging	: F39033-V174-C3
Production plant	: Horsens / Denmark

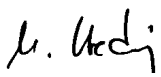
The Certificate of Conformity is based on the results listed in the following table:

		<u>Reference:</u>	<u>Result:</u>
Art. 6	Marking of the packaging	---	conform
Art. 6	Contents of the user manual	---	conform
Art. 4	Performance: "Intended Use"	---	not assessed
Art. 12	Marking of the device	---	conform

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Bocholt, 30 August 2002
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Declaration of identity

It is hereby declared that the British Telecom Repeater "BT Diverse Repeater" is identical with the Siemens **Gigaset repeater 4052 IM**, in respect to the hardware and the software.

The difference between the products is only the marking of the product.

DK 9400 Nørre Sundby d. 7/8/02

Niels Harsberg

QA & Type approval Mg



	Technical Documentation (DECT) (PRODUCT)			(SUBJECT)
	Date: 2002-08-07	File: Declaration of BT identity	Ref.: JH	Rev.: 1
				Page: 1 of 1 page(s)

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Declaration of conformity

WF, RTX Telecom A/S

Stroemmen 6
DK 9400 Noerresundby

declare, that the herein mentioned product in serial production is manufactured in compliance with the R&TTE-Directive 99/05/EC.


Product: "Siemens Gigaset II Repeater"
according to the DECT standard.


The presumption of conformity with essential requirements regarding Council Directive 99/05/EC is ensured according to:

Art. 3.1 a)	Safety:	EN60950 (equivalent to 73/23/EC)
Art. 3.1 a)	EMF/SAR:	99/519/EC (EU-Council Recommendation) ES59005 (SAR Test Method) ICNIRP Guideline
Art. 3.1 a)	Acoustic Shock:	Not applicable
Art. 3.1 b)	EMC:	EN301489 -06 (equivalent to 89/336/EC)
Art. 3.2	Radio:	EN301406 (equivalent to TBR6)

The product is labelled with the European Approvals Marking "CE" in accordance with the R&TTE-Directive 99/05/EC.
Any unauthorized modification of the product voids this declaration.

Noerresundby, 13. May 2002


Niels Harsberg
QA Mgr.
Telph: +4596322300
Fax: +4596322310

	Technical Documentation (DECT) (PRODUCT)			(SUBJECT)
	Date: 2002-05-13	File:	Ref.: NH	Rev.: 1
				Page: 1 of 1 page(s)

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BZT – ETS CERTIFICATION GMBH
 (NOTIFIED BODY ACC. TO R&TTE DIRECTIVE 1999/5/EC)
EU-KENNUMMER: 0681



recognised in accordance with the R&TTE Directive 1999/5/EC of 9th March 1999
 as Notified Body for the Federal Republic of Germany, represented by



**Regulierungsbehörde für
 Telekommunikation und Post**

EC-R&TTE CERTIFICATE
Expert Opinion

Registriernummer: G0M20202-6340-C
Registration No.:

ProduktHersteller: RTX Telecom A/S
Manufacturer: Stroemmen 6
 9400 Norresundby, Denmark

Bescheinigungsinhaber: Siemens AG
Certificate Holder: Kaiser-Wilhelm-Str. 56
 46393 Bocholt, Deutschland

Produktbezeichnung: RTX 4052
Product Designation: hardverversions: ver.3 and ver.6

Produktbeschreibung: Siemens DECT Repeater
Product Description:

Vorschrift(en): Radio : EN 301 406 v.1.4.1 (01/01)
Specification(s): EMC : EN 301 489-6 (09/2000)
 Safety : EN 60950:2000
 Health : Council Recommendation 1999/519 EC (declared)

Diese Bescheinigung ist erstellt in Übereinstimmung mit Annex IV der R&TTE Direktive 1999/5/EC vom 9. März 1999 und gilt nur in Verbindung mit den nachfolgenden - 1 - Anlagen.

This certificate is issued in accordance with Annex IV of the R&TTE Directive 1999/5/EC of 9th March, 1999 and is only valid in conjunction with the following - 1 - annexes.

The equipment is to mark with the Approval mark:

CE0681



Reichenwalde, 08. May 2002

Ort, Ausstellungsdatum
 Place, Date of Issue



Unterszeichner von / Signed by Dieter GRJEP
 Benannte Stelle / Notified Body

Systembeschreibung

(system description)

Frequency band(s)	1880-1900 MHz DECT application
Comments	<p>European harmonised Frequency band</p> <p>The harmonised standard EN 50361 is not applicable, therefore the Council Recommendation 1999/519 EC was applied for the conformity evaluation.</p> <p>Apparatus complying with all relevant essential requirements shall bear the EC conformity marking referred to in Annex VII of the R&TTE Directive. Apparatus shall be identified by the manufacturer by means of type, batch and/or serial numbers and by the name of the manufacturer or the person responsible for placing the apparatus on the market.</p> <p>The manufacturer or the person responsible for placing the apparatus on the market shall provide information for the user on the intended use of the apparatus, together with the declaration of conformity to the essential requirements.</p>

Technical Construction File

essential components of the technical construction file:

test report(s)

G0M20202-6340-T-62
G0M20202-6340-E-16
G0M20202-6340-L

User manual

RTX 4052

Technical Documentation

RTX 4052 ver.3 and ver.6

including:

PCB Layout
Circuit diagram
Part list

Declarations:

Acc. to article 3.2 : **Radio**
 Acc. to article 3.1b : **EMC**
 Acc. to article 3.1a : **Safety/Health**



Declaration concerning the Gigaset Repeater II

The Gigaset Repeater version 3 was used for type test in accordance with the following specs:

Safety: **EN60950** (equivalent to 73/23/EC)

EMC: **EN301489-1/6** (equivalent to 89/336/EC)

Radio: **EN301406** (equivalent to TBR6)

The product has then been optimized for production by minor changes in the pcb layout and some changes to the BOM list. The production units are changed to version 6.

The changes from version 3 to 6 are minor and have no influence on the performance of the Repeater in respect the specs. mentioned above.

The performance has been verified by RTX.

The documentation for version 6 is enclosed.

Noerresundby, June 4th, 2002

Niels Harsberg

QA Mgr.

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	Technical Documentation (DECT) (PRODUCT)			(SUBJECT)
	Date: 2002-06-04	File: Declarationsiemensrep2	Ref.: NH	Rev.: 1
				Page: 1 of 1 page(s)

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