

Test Report

Conducted Output power GSM 1900

Report No: EMC_C81

Issue date: Marts 28, 2006

Test Site:

**BenQ Denmark Aps
EMC Antenna
DK-9400 Noerresundby
Denmark**

Tel.: +45 72 19 50 00

Fax.: +45 72 19 50 02

**Arne Bisgaard Kristensen
Part Project Leader EMC & Antenna**



**Morten Christensen
Line Group Manager EMC & Antenna**



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1 Objective and Method

FCC approval for mobile phones requires reporting output power at RF output terminal pursuant to title 47 CFR part 2.1046. BenQ devices feature a special 50 Ohm RF connector suitable for such measurements. Using a special adapter and connecting the phone to an appropriate load in terms of the input port of the measurement equipment used, we hereby report the values for highest power setting.

2 Results

2.1 GSM/EDGE 1900

Device	Average Power during burst at connector					
	Ch. 512	1850.2MHz	Ch. 661	1880.0MHz	Ch. 810	1909.8MHz
	GSM	EDGE	GSM	EDGE	GSM	EDGE
BenQ C81, (170) (SAR) IMEI: 004401490002561	30,1	24,6	30,1	24,7	30,0	24,8
BenQ C81, (052) (CISPR22) IMEI: 004401490002512	30,0	24,5	30,1	24,5	30,1	24,6
BenQ C81, (236) (Cetecom) IMEI: 004401490002496	30,1	24,6	30,1	24,6	30,0	24,7
BenQ C81, (169) (Cetecom) IMEI: 004401490002553	30,1	24,4	30,1	24,6	29,8	24,4

Table 2: Results of power measurements at connector in the GSM/EDGE 1900 Band (dBm)

3 Minutes of Test

3.1 Description of device under test

Mobile phone:	Siemens C81
Frequency range GSM 1900:	1850 – 1990 MHz
BenQ Part number:	L36880-N3330-xxxx
FCC ID:	PWX-C81
IC ID:	6175C-C81

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3.2 Measurement Set-up

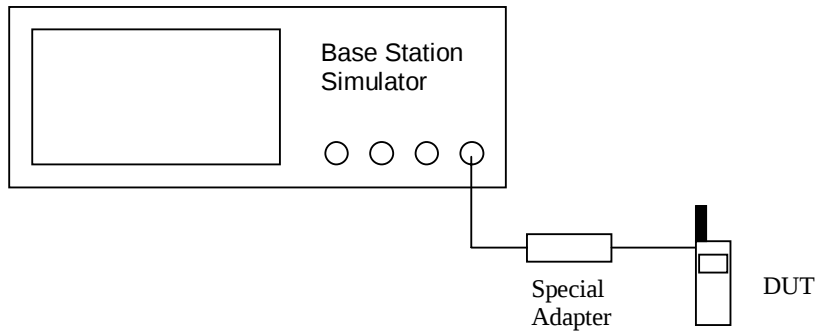


Figure 1: Block Diagram of set-up for conducted power measurement



Figure 2: Set-up for conducted power measurement

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4 Calibration Certificate



Kalibreringscertifikat

Certificate of Calibration

Certifikat nr.: Certificate no.	C6216/05	Side: Page:	1 Af 13 of
Kunde: Client:	Siemens A/S Mobile Phones Development Siemens Kaj 1 9400 Nørresundby	Udstyr: Equipment:	Rohde & Schwarz Radio Communication Teste CMU200
Kundes Inst.nr.: Equipment no.	508-0210	Serie nr.: Serial no.	102116
Modtaget: Received	28 okt 05	Kalibreret: Calibrated:	27 okt 05
Procedure: Procedure	PA000005-6379/2005	Udført af: Performed by	Poul-Erik Andreassen

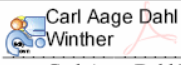
Bemærkninger: Kalibreringen er udført under DANAK akkreditering nr 291 i henhold til anført procedure.
Remarks:

- Instrumentet overholder anførte specifikationer med følgende bemærkninger:
- Kalibrering er udført 'on site' hos kunden.
 - Målinger mærket med *) er ikke omfattet af akkreditering.
 - Kalibreringsforsegling ubrudt ved modtagelse til kalibrering.

Måleresultater er gengivet i:

- Annex A - Test Report.

Godkendt den: 28 nov 05
Approved

AF: 
By **Carl Aage Dahl Winther**
Kvalitetschef

Prøvningsrapporten må kun gengives i uddrag, hvis rapporten er offentlig tilgængelig, eller Rohde & Schwarz Danmark A/S har godkendt uddraget. Kalibreringsresultaterne gælder alene for de kalibrerede emner.
The Test Report may only be issued in parts if the complete Report is accessible to the public, or if Rohde & Schwarz Danmark A/S has approved the issued part. The Calibration Results are only valid for the calibrated items.

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