

Test Report

Conducted Output power GSM 1900

Report No: FCC_C72

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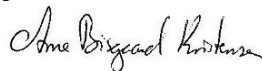
Test Site:

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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. SIEMENS 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 1900

Device	Average Power during burst at connector		
	Ch. 512 1850.2 MHz	Ch. 661 1880.0 MHz	Ch. 810 1909.8 MHz
Siemens C72, #311 SAR IMEI: 354765000312421	+ 29.15 dBm	+ 29.30 dBm	+ 29.50 dBm
Siemens C72, #311 SAR IMEI: 354765000312652	+ 29.18 dBm	+ 29.25 dBm	+ 29.42 dBm
Siemens C72, #286 FCC IMEI: 354765000312538	+ 29.22 dBm	+ 29.31 dBm	+ 29.41 dBm
Siemens C72, #289 FCC IMEI: 354765000315416	+ 29.14 dBm	+ 29.30 dBm	+ 29.45 dBm

Table 2: Results of power measurements at connector in the GSM 1900 Band

3 Minutes of Test

3.1 Description of device under test

Mobile phone:	Siemens C72
Frequency range GSM 1900:	1850 – 1990 MHz
Siemens Part number:	L36880-N7850-xxxx
FCC ID:	PWX-C72
IC ID:	267E-C72

3.2 Measurement Set-up

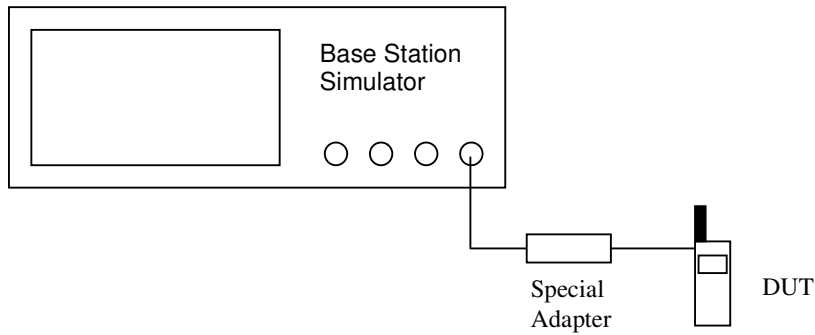


Figure 1: Block Diagram of set-up for conducted power measurement

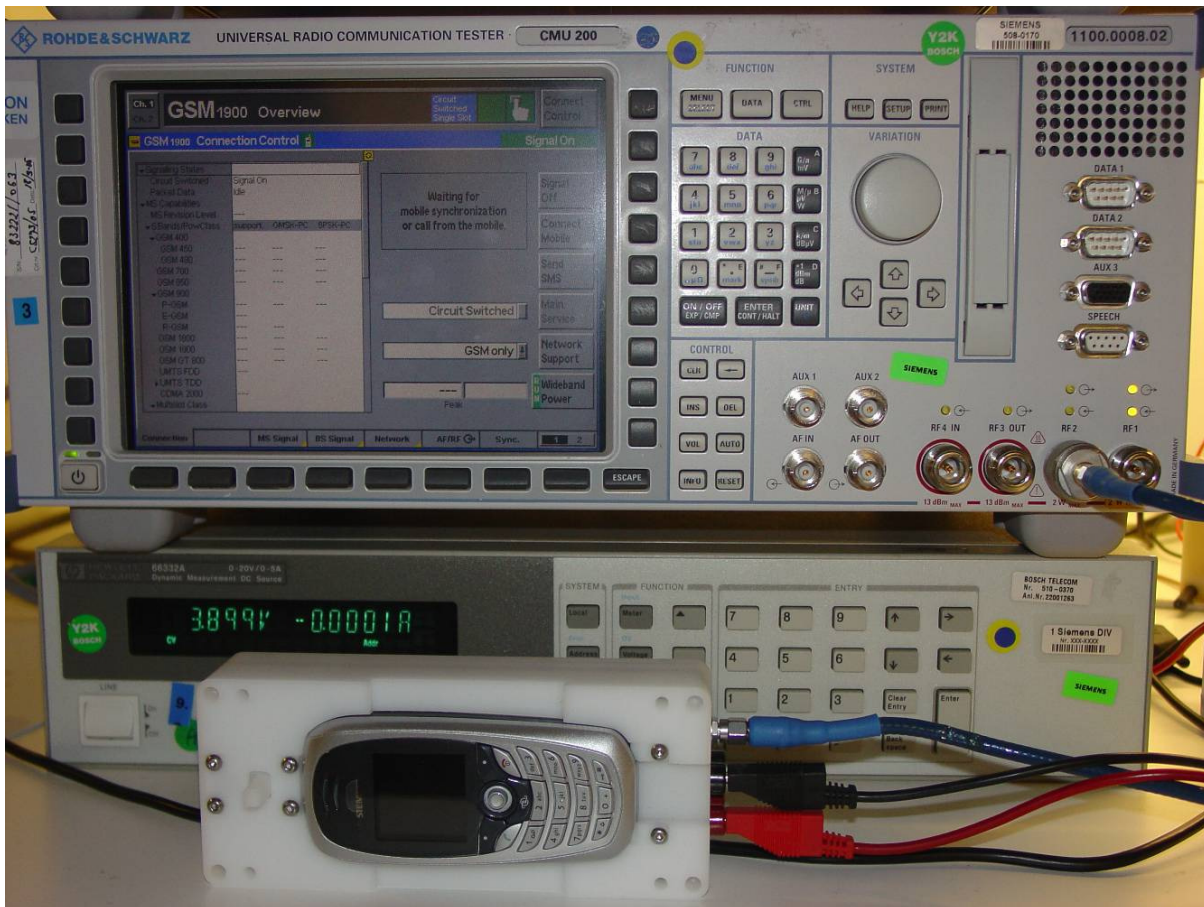


Figure 2: Set-up for conducted power measurement

4 Calibration Certificate

 DANAK Reg. nr. 291		 ROHDE & SCHWARZ DANMARK A/S
Kalibreringscertifikat Certificate of Calibration		
Certifikat nr.: C0049/04 Certificate no.		Side: 1 Af 15 Page: of
Kunde: Siemens Mobile Phones A/S Client Siemens kaj 1 9400 Nørresundby	Udstyr: Rohde & Schwarz Equipment Universal radio comm. tester CMU200	
Kundes Inst.nr.: 508-0170 Equipment no.	Serie nr.: 832221/063 Serial no.	
Modtaget: 23 mar 04 Received	Kalibreret: 23 mar 04 Calibrated	
Procedure: CMU200/01-0481/2004 Procedure	Udført af: Claus Stenberg Hansen Performed by	
Bemærkninger: Kalibreringen er udført i henhold til DANAK akkreditering nr 291 som Remarks beskrevet i den anførte kalibreringsprocedure. Instrumentet overholder anførte specifikationer med følgende bemærkninger: · Kalibrering er udført 'on site' hos kunden. · Målinger mærket med ?) kan på grund af målesikkerheden ikke konstateres at være inden for specifikation med et konfidensniveau på 95 %. · Målinger mærket med *) er ikke omfattet af akkreditering. Måleresultater er gengivet i: · Annex A - Test Report.		
Godkendt den: 21 apr 04 Approved	Af:  Carl Aage Dahl Winther By Carl Aage Dahl Winther Kalibreringschef	
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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