

Test Report

Conducted Output power GSM 1900



Report No: EMC_C65_IFX_RF
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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 C65, "FCC Sample 1" IMEI: 354875000005972	+ 28.9 dBm	+ 29.1 dBm	+ 29.3 dBm
Siemens C65, "FCC Sample 2" IMEI: 354875000005964	+ 28.8 dBm	+ 28.9 dBm	+ 29.2 dBm
Siemens C65, "FCC Sample 3" IMEI: 354875000001393	+ 28.9 dBm	+ 29.1 dBm	+ 29.3 dBm
Siemens C65, "FCC Sample 4" IMEI: 354875000005907	+ 28.9 dBm	+ 29.1 dBm	+ 29.3 dBm
Siemens C65, "FCC Sample 5" IMEI: 354875000005865	+ 28.8 dBm	+ 28.9 dBm	+ 29.1 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 C65
Frequency range GSM 1900: 1850 – 1990 MHz
Siemens Part number: S30880-S7800-*-* (C65)
S30880-S7810-*-* (CV65)
S30880-S7830-*-* (CT65)
S30880-S7803-*-* (C70)
S30880-S7813-*-* (CV70)
S30880-S7823-*-* (CT70)
FCC ID: PWX-C65

3.2 Measurement Set-up

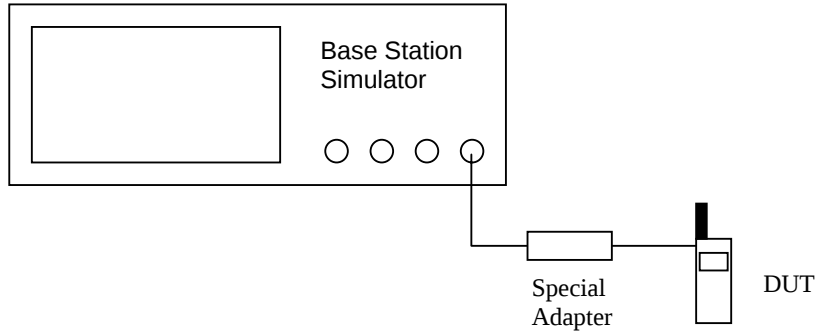


Figure 1: Block Diagram of set-up for conducted power measurement



Figure 2: Set-up for conducted power measurement

4 Calibration Certificate



Kalibreringscertifikat

Certificate of Calibration

Certifikat nr.: Certificate no.	C0837/04	Side: Page:	1 Af 13 of
Kunde: Client:	Siemens A/S Mobile Phones Development Siemens Kaj 1 9400 Nørresundby	Udstyr: Equipment:	R&S UNIVERSAL RADIO COMMUNICATION CMU200
Kundes Inst.nr.: Equipment no.		Serie nr.: Serial no.	832221/0060
Modtaget: Received	22 jul 04	Kalibreret: Calibrated:	01 okt 04
Procedure: Procedure	PA000005-1394/2004	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:
· Målinger mærket med *) er ikke omfattet af akkreditering.
· Reparation er udført inden kalibrering.

Måleresultater er gengivet i:
· Annex A - Test Report.

Godkendt den: 12 okt 04
Approved

Af: 
By: Carl Aage Dahl Winther
Kvalitetschef

Prøvningsrapporten må kun gives 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 Denmark A/S has approved the issued part. The Calibration Results are only valid for the calibrated items.