

Test Report

Conducted Output Power GSM1900

SIEMENS M46

Report no: EMC_M46_12
Issue date: April 19, 2002

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 measurement. Using a special adapter and connecting to an appropriate load in terms of the input port of measurement equipment used, we report hereby the values for highest power setting.

2 Results

Device	Average Power during burst at connector		
	ARFCN 512 1850.2 MHz	ARFCN 661 1880.0 MHz	ARFCN 810 1909.8 MHz
Siemens M46, "FCC1" IMEI: 00499951102994	29.8 dBm	29.9 dBm	29.9 dBm
Siemens M46, "FCC2" IMEI: 00499951102993	29.7 dBm	29.8 dBm	29.8 dBm

Tab. 1: Results of power measurements at connector for Siemens M46.

3 Minutes of Test

3.1 Description of Device under Test

Siemens Mobile Phone: M46
Frequency range: 1850-1990 MHz Monoband
Siemens part number: S30880-S7600-*
FCC ID: PWX-M46

3.2 Measurement Set Up

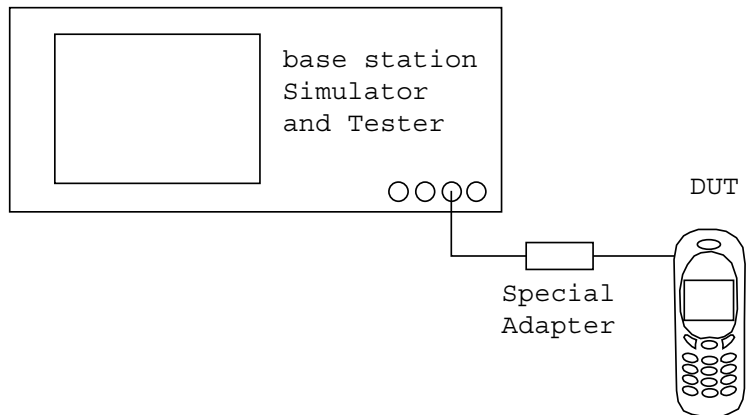


Fig. 1: Block diagram of set up for conducted power measurement.

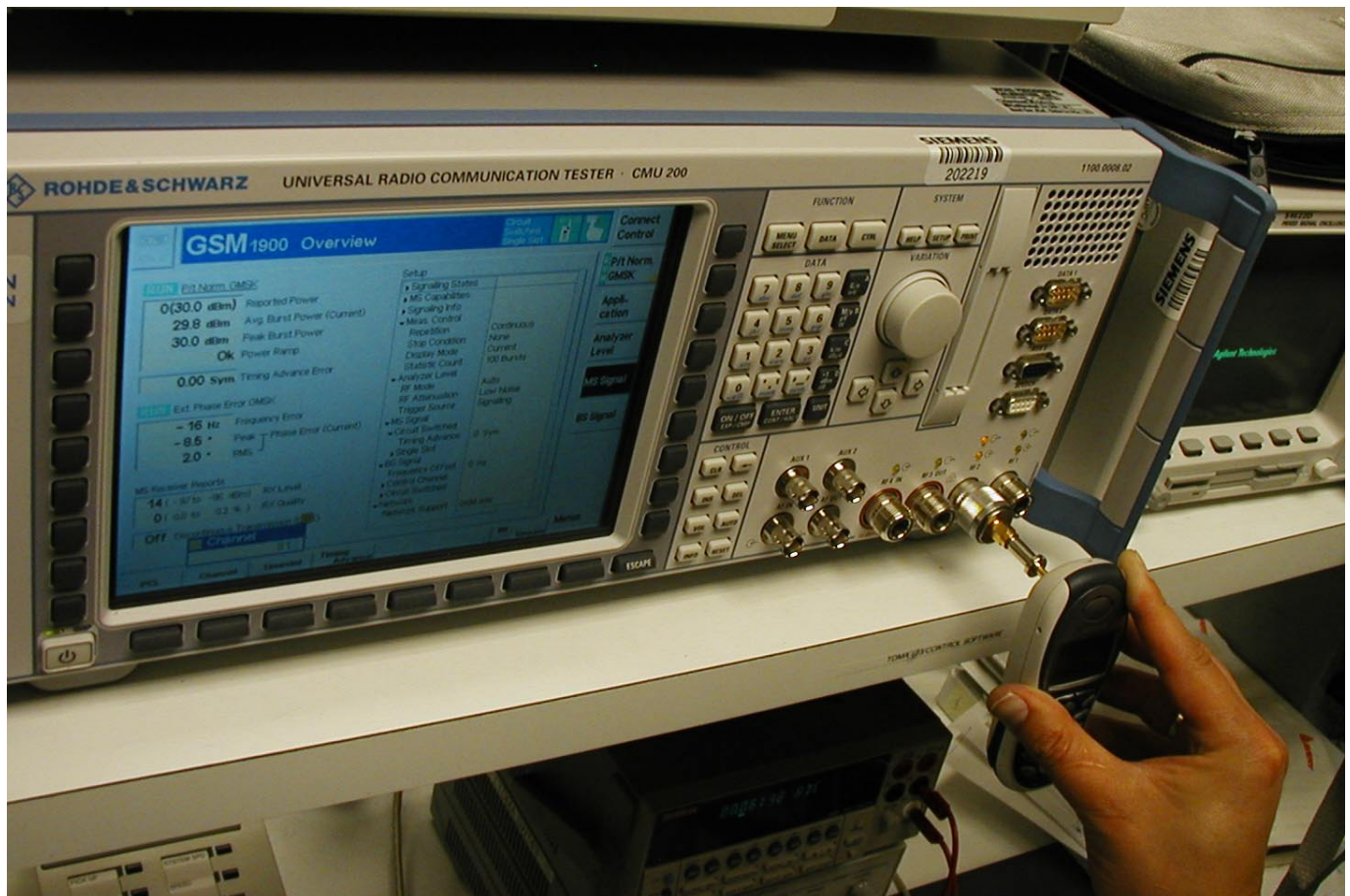


Fig. 2: Set up for conducted power measurement.

4 Calibration Certificate

Calibration Report



9235 Activity Road, Suite 107, San Diego, CA 92126
Ph. (858) 547-0217 Fax (858) 547-0241

Customer: SIEMENS ICM SAN DIEGO, CA, 92127

Account:28651

Instrument: BB2015 RADIO COMMUNICATIONS TEST SET

Mfg:ROHDE & SCHWARZ	Model:CMU 200	Serial #:100529
Size:	Resltn:NA	Report Date:11/07/01

Job Number:D17466	P.O.:41S1301000	Report #: 85485
Cust Ctrl:202219	Dept:HW	Location:NA

Work Performed: Inspected and calibrated.

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Parts Replaced:None

Received Condition: In tolerance

Returned Condition: In tolerance

[illegible]

Services provided conform to ANSI/NCSS Z540-1-1994 (Formerly Mil-Std 45662A). All work performed complies with MPC Quality System QM 540-94, Rev 1c.

Std Ctrl #	Standards Used	Due Date	Traceability Ref	Model
J6552	ANALYZER, SPECTRU 8592L	062202	2453X189401	8592L
J6551	GENERATOR, SIGNAL 83640A	062202	2453W813201	83640A
L1056	RECEIVER, MEASURI 8902A	030502	2453T594801	8902A
L1497	MODULE, SENSOR 11722A	032702	2453X040101	11722A

Environmental: 72F 43% RH

Test Date:110601

Uncertainty of test:Accuracy Ratio > 4:1

Cycle:12

Cal Procedure:MANUFACTURER

Due Date:110602

Technician:CHAD INNISS

Quality Approval:

Rev 3 03/00

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