Test Report

Conducted Output Power GSM 1900

SIEMENS SL55

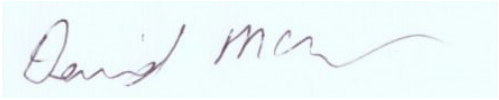
Issue date: February 20, 2003

Test Site

SIEMENS ICM MP UC RD EA SAN
Information and Communication Mobile LLC
16745 West Bernardo Drive, Suite 400
San Diego, CA 92127-1903, U.S.A.
Tel.: 858-521-3282/3387
Fax.: 858-521-3106

Test Engineer

David McPherson



Contents:

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

2.1 GSM 1900 Band

Device	Average Power during burst at connector		
	ARFCN 512 1850.2 MHz	ARFCN 661 1880.0 MHz	ARFCN 810 1909.8 MHz
Siemens SL55, "FCC3" IMEI: 1693	+29.2 dBm	+29.3 dBm	+28.9 dBm
Siemens SL55, "FCC4" IMEI: 1692	+29.2 dBm	+29.4 dBm	+29.0 dBm

Tab. 1: Results of power measurements at connector for Siemens SL55

3 Minutes of Test

3.1 Description of Device under Test

Siemens Mobile Phone: SL55 "Fugu55"
Frequency range GSM 1900: 1850-1990 MHz
Siemens part number: S30880-S4910-*
FCC ID: PWX-SL55

3.2 Measurement Set Up

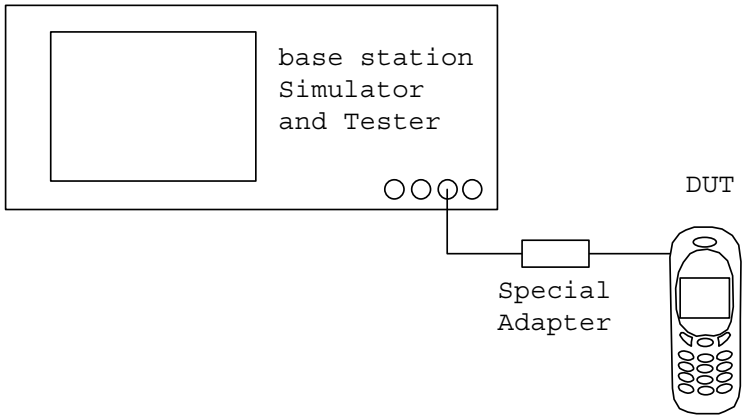


Fig. 1: Block diagram of set up for conducted power measurement

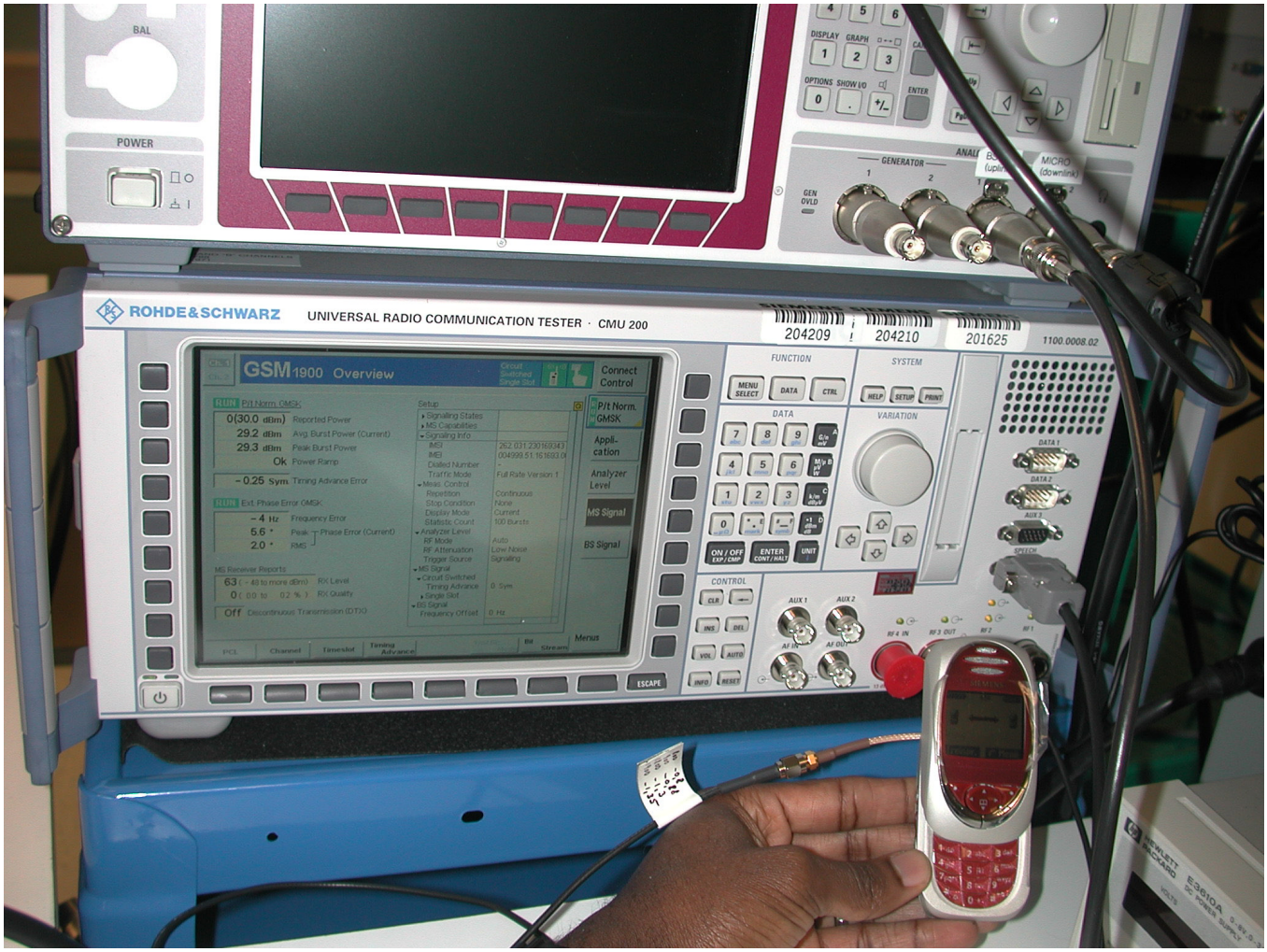


Fig. 2: Set up for conducted power measurement

4 Calibration Certificate

TEKTRONIX INC
Washington D.C. Depot
700 Professional Drive
Suite A
Gaithersburg, MD 20879
1-800-833-9200
301-926-4329 Fax

Certificate of Traceable Calibration

Certificate #:	466951-1-CMU200-100150-1
PO#/Contract#:	41S0239797
Customer:	SIEMENS INFORMATION & COMMUNICATION SUITE 400 16745 W BERNARDO DR SAN DIEGO, CA 92127-1903 United States
Contact:	PETER NEVERMANN
Model:	CMU200
Description:	CMU200; RADIOCOMMUNICATION PLATFORM,R&S,1100.0008.02
Manufacturer:	ROHDE AND SCHWARZ
Serial:	100150
Asset:	-
Site of Calibration:	SERVICE CENTER
Calibration Interval Source:	TEKTRONIX RECOMMENDED
Customer's Equipment Location:	-

Cal Date:	23-Jul-2002
Due Date:	23-Jul-2003
Temperature:	74 °F
Humidity:	49 %
Calibration Interval:	365 DAYS

Tektronix certifies that the performance of the above instrument has been verified using test equipment of known accuracy which are traceable to the U.S. National Institute of Standards and Technology (NIST). The policies and procedures at this facility are based on ANSI/NCSL Z540-1-1994 (ISO Guide 25). This certificate shall not be reproduced except in full, without the written approval of the calibration facility.

INSTRUMENT CONDITION:

Received:	IN TOLERANCE
Returned:	IN TOLERANCE

1 **ISO 9001 Registered, KEMA certificate number 50057.01** Page 1 of 2

Certificate of Traceable Calibration

Certificate #: 466951-1-CMU200-100150-1

CALIBRATION PROCEDURE:

ORIGINAL EQUIPMENT MANUFACTURER'S SOFTWARE - MANUFACTURER'S SPECIFICATION
PROCEDURE REVISION LEVEL : ACS100(#2) CMU200 VER1.7C

CALIBRATION EQUIPMENT USED:

Model Type	Serial Number	Manufacturer	Cal Date	Due Date
SYSTEM2000	686	DATUM	30-Mar-2001	30-Mar-2009
FSIQ26	835111/002	ROHDE AND SCHWARZ	17-Dec-2001	11-Jan-2003
NRV-Z51	DE14701	ROHDE AND SCHWARZ	09-Oct-2001	09-Oct-2002
NRVD	DE14703	ROHDE AND SCHWARZ	05-Mar-2002	05-Mar-2003
NRVZ4	DE14718	ROHDE AND SCHWARZ	14-Nov-2001	14-Nov-2002
RSG	846318/012	ROHDE AND SCHWARZ	07-Dec-2001	07-Dec-2002
SMHU58	DE15239	ROHDE AND SCHWARZ	20-Jun-2002	20-Jun-2003
SMIQ06B	833720/007	ROHDE AND SCHWARZ	05-Apr-2002	05-Apr-2003
SPR101	884590/006	ROHDE AND SCHWARZ	21-Apr-2002	21-Apr-2003
UPL	100342	ROHDE AND SCHWARZ	13-Feb-2002	13-Feb-2003
URE3	843197/031	ROHDE AND SCHWARZ	07-Dec-2001	07-Dec-2002
ZRC	844426/004	ROHDE AND SCHWARZ	25-Jun-2002	25-Jun-2003

Issued By: _____ for

Service Manager: BARRY FLEMING

Calibrated By: MICHAEL DOTTELLIS

Date Issued: 23-Jul-2002

Date Printed: 23-Jul-2002

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