

Test Report Conducted Output Power PCS1900 Siemens AL21

Report No: Pelican AL21_Conducted_Power.doc

Issue date: Feb. 2, 2006

Test Sites: EA BEJ

Phone: +86 10 64748800-7865

Peter Loeber EMC/Antenna Engineer, EA



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1 Objective and Method

FCC approval for mobile phone requires reporting output power at RF output terminal pursuant to title 47 CFR part 2.1046. BenQ devices use special test fixtures with 50 Ohm connection 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 Device under test

Mobile Phone: Siemens AL21 (GSM900/GSM1800/PCS1900)

Frequency Range PCS 1900: 1850 – 1990 MHz

There are 6 devices has been tested listed in "Chapter 4 Test Result".

3 Measurement Set-up

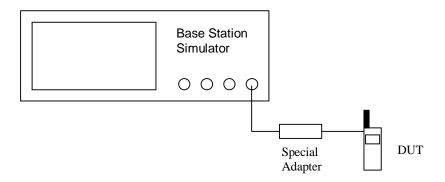


Figure 1: Block Diagram of set-up for conducted power measurement

Base Station Simulator	CMU 200
Serial Number	105851
Software Version	Base 3.81 / GSM 3.80
Calibration Certification	Annex 1

Test Voltage: 4.0 V

Temperature: Room Temperature





Figure 2: Set-up for conducted power measurement



4 Test Result

Conducted Output Power (PCS1900 Band)

E	EUTs		Average Power during burst at phone connector (dBm)		
A21	IMEI	Ch. 512 1850.2 MHz	Ch. 661 1880.0 MHz	Ch. 810 1909.8 MHz	
SAR approval Sample #1	004400016916460	29.1	29.1	29.2	
SAR approval Sample #2	004400016912360	29.0	29.0	29.1	
FCC Emission Sample #3	004400016912634	29.0	29.0	29.1	
FCC Emission Sample #4	004400016912006	29.1	29,1	29,2	
FCC Emission Sample #5	004400016917039	29.0	29.1	29.2	
FCC Emission Sample #6	004400016916544	29.1	29.1	29.2	



		ROHDE & SCHWARZ Messgerätehau GmbH		
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