

**QUALIFICATIONS AND CERTIFICATIONS**  
**SECTION 2.911(d)**

**February 5, 2001**

**SECTION 2.911(d) QUALIFICATION OF ENGINEER (who performed or supervised the Tests).**

Dheena D. Moongilan is a Distinguished Member of Technical Staff, Lucent Technologies, Bell Laboratories. He received his BSEE, MSEE from Madras University, India and another MSEE from Illinois Institute of Technology, Chicago, Illinois. He was trained in FCC test procedures by his former Supervisor, Donald N. Heirman. He has 21 years of EMC testing experience. He is a NARTE certified EMC Engineer, certificate #EMC-00/1022-NE.

**SECTION 2.911 (d) CERTIFICATION OF TECHNICAL TEST DATA**

I hereby certify that the technical test data are the results of tests performed or supervised by me.

Dheena D. Moongilan  
Distinguished Member of Technical Staff  
Global Product Compliance Laboratory  
Lucent Technologies  
Bell Laboratories  
Holmdel, NJ 07733-3030

**MANUFACTURERS — IDENTIFIER**  
SECTION 2.1033 (c) (1,2)

**SECTION 2.1033 (c) 1**

The full name and mailing address of the manufacturer of the device and applicant for certification:

**RESPONSE:**

**APPLICANT:**           **Lucent Technologies Inc.**  
                              **600 Mountain Avenue**  
                              **Murray Hill, NJ 07974**  
                              **Attention: Jane Zakutansky**

**SECTION 2.1033 (c) 2**

FCC Identifier

**RESPONSE:**

Predistortion CDMA Baseband Radio (PCBR 1900) designated as “Predistortion CDMA Baseband Radio (1900)” to be operated under Part 24 (E) of the FCC Rules.

FCC ID:           **AS5CMP-41**

# **EMISSIONS, FREQUENCY RANGE, POWER LEVEL**

**SECTION 2.1033 (c) (4), (5), (6) and (7)**

**SECTION 2.1033 (c) (4)**

Type or types of emission.

**RESPONSE:**

The **AS5CMP-41** is capable of amplifying transmissions involving the following types of emissions:

**1M23G9W**

**SECTION 2.1033 (c) (5)**

Frequency range.

**RESPONSE:** 1930 – 1990 MHz

**SECTION 2.1033 (c) (6)**

Range of operating power values or specific operating power levels, and description of any means provided for variation of operating power.

**RESPONSE:**

The **AS5CMP-41** Predistortion CDMA Baseband Radio (PCBR) is capable of delivering output signal from –8 dBm to 14 dBm (0.0002 to 0.25 watts) at PCBR output. The output power that is delivered to the output connector is variable under software control. The output power level can be changed over the entire 22 dB range in 0.1 dB steps.

**SECTION 2.1033(c) (7)**

Maximum power rating as defined in the applicable part of the rules.

**RESPONSE:** The maximum average power output of the **AS5CMP-41** PCBR output connector is 14 dBm.