

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

**November 20, 2000**

**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:**

**APPLICATION: 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 850) designated as "Predistortion CDMA Baseband Radio (850)" to be operated under Part 22(H) of the FCC Rules.

**FCC ID: AS5CMP-43**

**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-43** is capable of amplifying transmissions involving the following types of emissions:

**1M23G9W**

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

Frequency range.

**RESPONSE:** 869 - 894 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-43** PCBR is capable of delivering output signal over 22 dB range from -11 dBm to 11 dBm (0.00008 to 0.0126 watts) at PCBR output. The output power that is delivered to the output connector is under software control. The output power level can be changed over the entire 22 dB range in 0.1 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-43** at the PCBR Output connector is 11 dBm.