QUALIFICATIONS AND CERTIFICATIONS

SECTION 2.911(d)

February 9, 1999

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 testing procedures by his former Supervisor, Donald N. Heirman. He has 20 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 and 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:
CDMA Individual Carrier Linear Amplifier designated as "CDMA Cellular Transmit Unit" to be operated under Part 22(H) of the FCC Rules.

FCC ID: - FCC ID **AS5CMP-44**

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-44** is capable of amplifying transmissions involving the following types of emissions:

1M23G9W

SECTION 2.1033 (c) (5)
Frequency range.

RESPONSE: 870.48 – 878.49 MHz
881.52 – 888.51 MHz

The valid channels available to user and the frequency range are indicated below. Other cellular channels are not available to user and they are inhibited using software control.

Block	Valid CDMA Channels	Frequency Range
A	016-283	870.48 – 878.49 MHz
B	384-617	881.52 – 888.51 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-44** ICLA is capable of delivering output signal from –11 dBm to 43.8 dBm (0.00008 to 24 watts) to antenna port J4 output connector of the cabinet. The output power that is delivered to the output connector is variable under software control. The long term operating power is 16 W (+2/-4 dB). The short term peak power due to channel activity fluctuation, is 24 W (+2/-4 dB).

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-44** at the J4 antenna port output connector is 24 W (43.8 dBm).