

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
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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:

CDMA PCS Individual Carrier Linear Amplifier designated as “Flexent Power amplifier” to be operated under Part 24 (E) of the FCC Rules.

FCC ID: **AS5CMP-42**

**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-42** 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-42** PA is capable of delivering output signal from –8dBm to 43.8dBm (0.0002 to 24 watts) delivered 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 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-42** at the J4 antenna port output connector is 24 W (43.8 dBm).