

Federal Communications Commission Office of Engineering and Technology Equipment Authorization Division Application Processing Branch 7435 Oakland Mills Road Columbia, MD 21046 Lucent Technologies Inc. 101 Crawfords Corner Rd. P. O. Box 3030 Holmdel, NJ 07733-3030

June 1, 1999

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Federal Communications Commission Office of Engineering and Technology Authorization and Evaluation Division Equipment Authorization Branch 7435 Oakland Mills Road Columbia, Maryland 21046

## Dear Examiner:

In accordance with Part 2.1043 (b) (2) of the Commission's Rules and Regulations, we are submitting an application for Approval of Class II permissive change of an equipment previously certified by the Commission. The original application was filed on 2/15/99 for the FCC Certification of the Lucent Technologies Individual Carrier Linear Amplifier, (henceforth ICLA), as FCC ID: **AS5CMP-29.** FCC Certification was granted on 4/20/99. This ICLA shall be used in Lucent Technologies Corp **FLEXENT** ® Land Station Cellular system using Code Division Multiple Access (CDMA) technology, for use in Domestic Public Cellular Telecommunication Service. This CDMA amplifier is designed to provide 10 watts long term average at the antenna connection port. Under the dynamic conditions of CDMA service and active power control the short term maximum of 15 watts will be available at the antenna port and this value is used for this filing.

For original filing all tests for ICLA was carried out with duplex filter between ICLA and antenna terminals (J4 Connector). The current filing is for **simplex** filter in place of **duplex** and no other mechanical or electrical changes are made. **FLEXENT** ® Land Station Cellular systems will be marketed either with **simplex** filter or **duplex** filter. The variations of **simplex** and **duplex** filters are explained in exhibit "Block Diagrams".

The data summarized below is in the form presently used by the Commission's Radio Equipment List.

Manufacturer Lucent Technologies Inc.
Equipment Identification
Rules Part Number 22(H)
Frequency Range 869 - 894 MHz

Output Power .06 to 15 Watts Varied By Software

Frequency Tolerance +/- 1.5 ppm Emission Designator 1M23G9W

FCC Form 731 (Application for Equipment Authorization – Radio Frequency Devices) and the Required attachments as exhibits are electronically filed. These exhibits contain the technical data, and the required statements and documents for equipment authorization. The document and required data included in this filing are indicated as "Table of Contents". The technical contact at Lucent Technologies, Global Product Compliance Laboratory will comply with any request for additional information should the need arise.

Sincerely,

/ Dheena Moongilan

Distinguished Member of Technical Staff Global Product Compliance Laboratory

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Section 2.1043 (b) (2)	Block Diagrams
	ATTESTATION
<b>Section 2.911 (d)</b>	Qualifications and Certifications
Section 2.1033 (c) (1,2)	Manufacturers, Identification
Section 2.1033 (c) (4-7)	<b>Emissions, Frequency Range, Power Level</b>
Section 2.1033 (c) (3)	Users Manual
Section 2.1033 (c) (10)	Schematic
Section 2.1033 (c) (11)	FCC Label
Section 2.1033 (c) (12)	External Photos
Section 2.1033 (c) (13) and (9)	Operational Description and Tune-Up Procedure
	TEST REPORT
Section 2.1033 (c) (8)	Measurement of DC Power
Section 2.1033 (c) (14)	Listing of Required Measurements
Section 2.1046	Measurement of Radio Frequency Power Output
Section 2.1047	<b>Measurement of Modulation Characteristics</b>
Section 2.1049	Measurement of Occupied Bandwidth
<b>Section 2.1051</b>	Measurement of Spurious Emissions at Antenna
<b>Section 2.1053</b>	Field Strength of Spurious Radiation
Section 2.1055	Measurement of Frequency Stability
	Frequency Spectrum to be Investigated
••••	<b>Test Instruments Used for Test</b>