

Applicant: Lucent Technologies, Inc

FCC ID: AS5ONEBTS-13

Lucent Technologies
Bell Labs Innovations



Lucent Technologies, Inc.
6250 E. Broad Street
Columbus, OH 43213

May 24, 2005

Timco Engineering Inc.
Telecommunication Certification Bodies
849 NW State Road 45
Newberry, Florida 32669

Subject: Application for Certification of FCC ID: AS5ONEBTS-13

Dear Examiner:

In accordance with Parts 2 and 22 of the Commission's Rules and Regulations, we are submitting herewith statements and supporting data to show compliance with the requirements of the Commission for the certification of the Lucent Technologies Cellular Power Amplifier Module, henceforth C2PAM, under FCC ID AS5ONEBTS-13, for use in Domestic Cellular Communication Services.

This C2PAM application, under AS5ONEBTS-13, is for the Lucent Technologies Flexent® Land Station Cellular 850 system using Code Division Multiple Access (CDMA) technology, for use in Domestic Cellular Communication Services. This application for the C2PAM is for Cellular 850 band.

The C2PAM is a Class A continuous wave (CW) amplifier designed to amplify Code Division Multiple Access (CDMA) downlink carrier signal. The C2PAM output power is 25 watts for single carrier configuration and 50 watts maximum for multi-carrier configurations (two to eight carriers).

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

Manufacturer	Lucent Technologies, Inc
Equipment Identification	AS5ONEBTS-13
Rules Part Number	Part 22 – Cellular Services
Frequency Range	Transmit: 869-894MHz
Output Power	0.010 to 50 Watts
Frequency Tolerance	N/A
Emission Designator	1M23F9W

The C2PAM AS5ONEBTS-13 is to be used with FCC granted CDMA transceiver devices. The C2PAM AS5ONEBTS-13 will be used in normal Cellular base transceiver station operation only.

This filing to operate the C2PAM / FCC ID: AS5ONEBTS-013 is based on signals supplied by a Lucent Technologies Multi Carrier Radio 850 (MCR850), FCC ID: AS5ONEBTS-08, granted 16 November 2004 for Cellular 850 Bands. The C2PAM was primarily evaluated in the Lucent Technologies Flexent® OneBTS™ CDMA Modular Cell 4.0 Base Transceiver Station (BTS).

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The unit is designed to the limitations specified in Code of Federal Regulations (CFR), Section 22 Subpart H, and is designed to be used with other FCC granted transmit (radio) devices. In addition, IS-95, IS-97 and 3GPP requirements were used to define the tests and evaluation criteria used in this application. The C2PAM was designed in accordance with the guidelines of the latest TIA/EIA/3GPP standards for CDMA applications.

The C2PAM AS5ONEBTS-13 data presented in this filing represents a design produced by Global PCS for Lucent Technologies, Inc. solely for incorporation into Lucent Technologies, Inc. products. The MCR850 AS5ONEBTS-08 Cellular radio is a Lucent Technologies Inc. designed and manufactured product.

Enclosed in this application package are a copy of Timco's TCB Application Form 731, a letter of Request for Confidentiality and the required exhibits. These exhibits contain the technical data, and the required statements and documents for equipment certification. The technical contact at Lucent Technologies Bell Laboratories will comply with any request for additional information should the need arise.

Sincerely,



P.J. Hollern
Technical Manager
Lucent Technologies, Inc.