

**APPLICANT: Lucent Technologies****FCC ID: AS5CMP-31****EXHIBIT 3****Section 2.1033 (c)(1)**

The full name and mailing address of the manufacturer of the device and the applicant for certification.

Manufacturer: Lucent Technologies  
Columbus Manufacturing Facility  
6200 East Broad Street, Columbus, Ohio 43213

Applicant: Lucent Technologies  
600 Mountain Avenue, Murray Hill, NJ 07974  
Attention: Jane M. Zakutansky

**Section 2.1033(c)(2)**

FCC Identifier: AS5CMP-31

**Section 2.1033(c)(4)**

Type or types of emission: 40K0GXW

**Section 2.1033(c)(5)**

Frequency range: Transmit: 1930.080 – 1989.960 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.

The FLEXENT™ PCS-TDMA Microcell J416698A-1, which incorporates the 44WR53 PCS Dual Radio Module (PDRM) transceiver, subject of a separate application for certification under AS5CMP-30, and the 44WA28 PCS-TDMA Multi Carrier Linear Amplifier (PMCLA), subject of this application for certification under AS5CMP-31, is designed to provide 1.2 Watts (30.8 dBm) per carrier at the transmit antenna terminal and a total composite power of 12.0 Watts (40.8 dBm) for the rated 10 carrier capability. The Microcell incorporates 5 PDRM transceivers and 1 PMCLA. Each PDRM can transmit 1 or 2 carriers with a maximum power level at the PDRM transmit terminal of +15.5 dBm (35.5 mW) per carrier, corresponding to total composite power level of +18.5 dBm (71 mW) per 2 carriers. The PDRM carrier frequency and power level is software controlled by an external Remote Maintenance Terminal (RMT). The power level of each PDRM carrier is continuously adjustable from a maximum of +15.5 dBm to a minimum of -41 dBm with a resolution of 0.1 dBm. The controlling software utilizes a calibration table, which controls a voltage-controlled attenuator. The PMCLA gain is continuously adjustable from a maximum of 42 dB to a minimum of 38 dB, in 0.5 dB steps, using a voltage-controlled attenuator which is controlled by external software.

**Section 2.1033(c)(7)**

Maximum power rating as defined in the applicable part (s) of the rules.

The maximum power rating of the 44WA28 PCS-TDMA Multi Carrier Linear Amplifier (PMCLA), subject of this application under AS5CMP-31, is 1.2 Watts (30.8 dBm) per carrier, and a total composite power level of 12.0 Watts (40.8 dBm) for 10 carriers, at the transmit antenna terminal. This rated power level applies to the complete FLEXENT™ PCS-TDMA Microcell J41698A-1, incorporating the PDRM (AS5CMP-30), the PMCLA (AS5CMP-31) and the duplex transmit/receive (Tx/Dx) bandpass filter.

