

**APPLICANT: Lucent Technologies****FCC ID: AS5CMP-33****EXHIBIT 2****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-33**

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

Type or types of emission: **40K0GXW, 40K0F7D, 40K0F8E**

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

Frequency range: **Transmit: 869.04 – 893.97 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™ Cellular TDMA/Analog Microcell J416698B-1, which incorporates the 44WR54 Cellular TDMA/Analog Dual Radio Module (CDRM) transceiver, subject of a separate application for certification under AS5CMP-32, and the 44WA29 Cellular TDMA/Analog Multi Carrier Linear Amplifier (CMCLA), subject of this application for certification under AS5CMP-33, 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 CDRM transceivers and 1 CMCLA. Each CDRM can transmit 1 or 2 carriers with a maximum power level at the CDRM transmit terminal of +15.5 dBm (36 mW) per carrier, corresponding to a total composite power level of +18.5 dBm (71 mW) per 2 carriers. The CDRM carrier frequency and power level is software controlled by an external Remote Maintenance Terminal (RMT). The power level of each CDRM 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 CMCLA 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 44WA29 Cellular TDMA/Analog Multi Carrier Linear Amplifier (CMCLA), subject of this Class II Permissive Change request, under AS5CMP-33, 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™ Cellular TDMA/Analog Microcell J41698B-1, incorporating the CDRM (AS5CMP-32), the CMCLA (AS5CMP-33) and the transmit bandpass filters for Cellular A-Band and B-Band.