



EXHIBIT 2: FCC REQUIRED INFORMATION (PART 2.1033)

The following information is presented in the content and format requested by the FCC:

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**
6200 E Broad St
Columbus, OH 43213-1569 U.S.A.

Applicant: **Lucent Technologies**
Room: 4c402
600-700 Mountain Avenue
Murray Hill, NJ 07974-0636 U.S.A.
Attn: Sandra L. Janssen

Section 2.1033(c)(2): FCC Identifier AS5ONEBTS-11

Section 2.1033(c)(4):
Type or types of emission: 4M10F9W
1M23F9W

Section 2.1033(c)(5): Frequency range Transmit: 869–894 MHz
Receive: 824-849 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 UMTS CDMA 850 Transceiver System consists of the principle RF components: (1) Crystal Reference Oscillator Module (OMA) at 15 MHz, (2) UMTS-CDMA Multi-Carrier CDMA Radio (MCR850), Model BNJ65, previously authorized under FCC ID: AS5ONEBTS-08, C2PAM power amplifier previously authorized under FCC ID: AS5ONEBTS-13, and Dual Duplex (DDpx) transmit filter covering the cellular frequency spectrum 869 – 894 MHz.

The transceiver can be converted from UMTS to CDMA (or CDMA to UMTS) by software alone, which can be performed at the installation site. There are no physical, hardware or circuit changes to the transceiver, with Bell Laboratories proprietary predistortion software providing constant power over temperature

The CDMA output power at the antenna terminal is .01 to 25 watts per carrier, one to four carriers, maximum 100 watts with four carrier. Power adjustment is software controlled, using a digital signal to set and adjust voltage variable attenuators in the MCR850 transceiver.



EXHIBIT 2: FCC REQUIRED INFORMATION (PART 2.1033) - continued

Section 2.1033(c)(7):

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

The maximum power rating of the Lucent UMTS-CDMA 850 MHz wireless base station, UMTS-CDMA Transceiver System (850) has a maximum rated CDMA output power at the base station transmit antenna terminal of 100 Watts (+50 dBm).

Section 2.1033 (c)(8):

The dc voltages applied to and the dc currents into the several elements of the final radio frequency amplifying device for normal operation over the power range.

The nominal dc voltage and range of dc currents is summarized as follows:

Input Voltage	Maximum Input Current: No RF Power	Maximum Input Current: At Rated RF Power
+24 Vdc	10.8 amps	40 amps