

EXHIBIT 2**Section 2.1033 (c)(1, 2, 4-7) INFORMATION OF MANUFACTURER, APPLICANT, IDENTIFIER, EMISSION TYPES, FREQUENCY RANGE, OPERATING POWER RANGE AND MAXIMUM POWER RATING****Section 2.1033 (c)(1) NAME AND ADDRESS OF MANUFACTURER AND APPLICANT**

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

Response

Manufacturer: Alcatel-Lucent USA Inc
600-700 Mountain Ave
Murray Hill, New Jersey 07974

Applicant: Alcatel-Lucent USA Inc
600-700 Mountain Ave
Murray Hill, New Jersey 07974

Section 2.1033 (c)(2) FCC IDENTIFIERResponse

FCC Identifier: AS5BBTRX-05.

Section 2.1033(c)(4) TYPE OR TYPES OF EMISSIONResponse

1M25F9W and 5M00F9W.

Section 2.1033(c)(5) FREQUENCY RANGEResponse

Transmit: 1930-1995MHz.
Receive: 1850–1915 MHz.

Section 2.1033(c)(6) OPERATING POWER RANGE AND ADJUSTMENT

Range of operating power values or specific operating power levels, and description of any means provided for variation of operating power.

Response

The AS5BBTRX-05 PCS wireless base station, the subject of the application, is capable of producing RF carriers at the base station transmit antenna terminals at a maximum mean power level of 25W (+44dBm) per 1.25MHz bandwidth CDMA carrier and 20W (+43dBm) per 5MHz bandwidth LTE carrier, 45W (46.5dBm) per transmitting port for multi-carriers and 180 Watts (49dBm) per RRH at the base station transmitting antenna terminals. The PCS 4x45W RRH currently is available in indoor and outdoor versions.

There are three points within the transmit chain at which the gain can be adjusted. Within the Onyx FPGA (Field Programmable Gate Array) a function is provided to adjust the gain in each carrier branch and this is the only point in the CPR (common platform radio) TX chain where the gain of each carrier can be adjusted separately. The power can be configured from 1W to the maximum capacity of 45W (short term average) in each transmitting path. The gain of the composite multi-carrier path is adjusted by the RF voltage-variable attenuator to account for analogue gain variations in the Tx chain over temperature and frequency. This is referred to as CLGC (Closed Loop Gain Control). In addition, the Onyx FPGA can adjust the gain of the composite multi-carrier path by adjusting a digital scaler over a limited range but at high speed, this is referred to as FastCLGC. FastCLGC works in conjunction with CLGC.

Section 2.1033(c)(7) MAXIMUM POWER RATING

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

Response

The maximum mean power rating of the AS5BBTRX-05 PCS base station is 25W (+44dBm) per 1.25MHz bandwidth CDMA carrier and 20W (+43dBm) per 5MHz bandwidth LTE carrier, 45W (46.5dBm) per transmitting port and 180 Watts (49dBm) per RRH for multi-carriers at the transmitting antenna terminal.