

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
6200 E. Broad Street
Columbus, OH 43213

Applicant:

Alcatel-Lucent
Michael D Garson Corporate Counsel
8000 Towers Crescent Dr., Suite 400,
Vienna, VA 22182
Email: garson@lgsinnovations.com
Phone: (703) 394-1450
Fax: (703) 394-1420

Section 2.1033 (c)(2) FCC IDENTIFIER

Response

FCC Identifier: AS5ONEBTS-16.

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

Response

1M25F9W.

Section 2.1033(c)(5) FREQUENCY RANGE

Response

Transmit: 2110-2155MHz.
Receive: 1710-1755 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 AS5ONEBTS-16 AWS wireless base station is capable of producing a RF carriers at a mean power level of from 0W up to 60W (+47.8dBm) maximum per 1.23MHz bandwidth carrier at the antenna transmit

terminal, 0-120W per port and 0-240W per sector. The carrier output power level of the AWS base station is determined by three principle RF components: MCR-1721B (Multi-Carrier Radio), 2100MHz 60W-IPAM (IMT Band Power Linear Amplifier Module) and AWS RF transmitting filter. The carrier output power level is adjustable digitally by controlling the variable attenuators in the MCR-1721B transceiver with software in a minimum of 0.1 dB step over 35 dB range. The transmitting filter may provide a RF feedback to the transceiver in the form of CLGC (Closed Loop Gain Control) and EDPD (Enhanced Digital Pre-Distortion) to provide a constant output power desired over temperature. The On/Off of the CLGC and EDPD features is controlled by software. The non-EDPD feature is only available for low power application. In addition, the RF power amplifiers, 60W-IPAM, may be removed from the base station as needed to provide a very low power output for in-building application.

Section 2.1033(c)(7) MAXIMUM POWER RATING

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

Response

The mean power rating of the AS5ONEBTS-16 AWS base station is +47.8dBm (60W) maximum per carrier at the antenna transmit terminal, 120W per port and 240W per sector. Each RF transceiver in the AS5ONEBTS-16 AWS base station can transmit multiple carriers.