

Wireless Systems

®
A Division of ADC Telecommunications, Inc.

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EXHIBIT 1

The equipment's scope of service will be in accordance with FCC Rules Part 5, Paragraph 5.202(d) Technical demonstrations of equipment or techniques, (f) Demonstration of equipment to prospective purchasers for proposed stations in existing services by persons engaged in the business of selling radio equipment, (g) Testing of equipment in connection with production or type approval of such equipment and (I) Development of radio technique, equipment, operational data or engineering data related to an existing or proposed radio service, of CFR 47.

This 1805-1880/1710-1785 MHz (DCS 1800) equipment is currently being designed strictly for export purposes.

The DCS 1800 equipment consists of a GSM Base Station and Mobile Station conforming to the European Technical Standard Institute (ETSI) GSM series of recommendations. The airlink used is a 270.833 kilobit per second 0.3 GMSK modulated waveform in a TDMA-Frequency Division Duplex (TDMA-FDD) access scheme with 8 timeslots and 95MHz transmit to receive spacing. The downlink (base station to mobile) frequency band is 1805 to 1880 MHz and the uplink (mobile to base station) is 1710 to 1785 MHz.

The PCS 1900 equipment consists of a PCS1900 Base Station and Mobile Station conforming to PCS 1900 Air Interface specification pn 3389 (to be approved as J-STD-007). This uses the downlink (base station to mobile) in the frequency band from 1850-1910 MHz and the uplink (mobile to base station) in 1930-1990 MHz.



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