interWAVE Communications
...a US subsidiary of interWAVE Communications International Ltd.
656 Bair Island Road, Suite 108, Redwood City, California 94063
(650)-482-2106, (650)-261-6220[FAX]

David M. Spaulding
Vice President Operations

Federal Communications Commission
Experimental Radio Services
P.O. Box 358320
Pittsburgh, PA 15251-5320

February 6, 1998

Dear Sir/Madam

Exhibit 1

Please accept this letter as a request an Experimental Site License for interWAVE Communications Inc. with corporate offices and development laboratories located at Suite 108, 656 Bair Island Rd., Redwood City, CA, 94063 to transmit in the bands of frequencies listed below. The purpose of interWAVE's business is to engage in the development and testing and manufacturing of a product line of GSM, DCS, and PCS cellular telephone base stations.

The base stations transmit (down link) to the mobiles using the following frequency bands:

E-GSM:	925 to 960 MHz
DCS:	1805 to 1880 MHz
PCS:	1930 to 1990 MHz

Power output of the base stations will not exceed 5.0 watts peak at the transmitter or antenna over all transmitted frequencies.

To test the receiver characteristics of the base station test equipment and mobiles capable of transmitting (uplink) at the following frequencies is required.

E-GSM:	880 to 915 MHz
DCS:	1710 to 1785 MHz
PCS:	1850 to 1910 MHz

Power output of the mobiles will not exceed 2.0 watts for the E-GSM band , 1.0 watts for the DCS and PCS band and will not range beyond 1 mile of the development transmitter.

The number of fixed transmitters at any one time is 20 in any of the frequencies. The number of mobile units will be 30 in the E-GSM 900 band and 15 in the DCS 1800 and PCS 1900 bands. The type of transmission is TDMA GMSK complying with the GSM ETSI Standard Section 5.05 and 11.21 for the E-GSM and DCS band and Personal Communications Service Air Interface Specification J-STD-007 for the PCS band. The antennas utilized in the testing of the equipment are located interior to the building on the ground level, second level (approximately 15 feet or 4 meters above ground) and interior to the third level (approximately 30 feet or 8 meters above ground) and are omni and for DCS 1800 only directional patch. Maximum gain of the antennas are 10 dBi. No transmitter antenna's will be located outside the building.

The company has no intent or plan to commercially operate nor provide a service using these base stations or any equipment developed at its business location. InterWAVE has made provisions to ensure that it will not interfere in any way with existing transmissions that may be operating in the area by utilizing only the frequencies not used by operators licensed in all of the frequency bands of interest. InterWAVE controls and validates the transmitted frequencies via programmable software and spectrum analyzers.

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.

Sincerely

David M. Spaulding
Vice President, Operations

Attachment: FCC Form 442 and $45.00 filing fee