

EXHIBIT NO. 1

Metricom purchased eight WCS licenses, governed by Part 27 of the Commission's rules, at the WCS auction. The stations associated with this Experimental Application are as follows:

<u>MARKET</u>	<u>MARKET NAME</u>	<u>CALL SIGN</u>	<u>FREQUENCIES</u>
RE01	Northeast	KNLB 297	2345-2350 MHz
RE05	Central	KNLB 298	2315-2320 MHz
RE05	Central	KNLB 299	2345-2350 MHz
RE06	West	KNLB 300	2315-2320 MHz
RE06	West	KNLB 301	2345-2350 MHz

Metricom has been developing equipment for WCS operations and it is now at the point of development where field testing must commence immediately in order to meet critical performance deadlines. Because Section 27.51 of the rules requires that only type accepted equipment be used for WCS transmission and because Metricom is in the process of developing such type accepted equipment, Metricom requested and was issued an STA from the Wireless Telecommunications Bureau. While the STA authorized temporary operations, it also required that an Experimental Application be filed to cover the operation. A copy of the STA is attached hereto.

Metricom requests Experimental authority to operate up to 100 transmitters on the C and D block frequencies (2315-2320 and 2345-2350 MHz) within all of the regions where it purchased licenses. The transmitters will comply with the emission limits, frequency stability and field strength limits specified at Sections 27.53, 27.54 and 27.55 of the Rules, and with the protection from interference criteria specified at Section 27.64 of the Rules. In addition, Metricom will comply with, and provide the requisite notification to MDS/ITFS licensees pursuant to Section 27.58 prior to commencing operations. The transmitters will be used for point-to-point transmissions, employing omni-directional antennas with up to 10 dB gain. Antennas will be mounted on existing structures and will not exceed 300 feet above ground level or 20 feet above any existing structure. Power will be up to 100 watts EIRP, and the type of emissions will be 200FXD, 200DXD, 320FXD and 320DXD.

If there are any questions in connection with this application, the Commission is respectfully requested to contact our communications counsel, Larry S. Solomon, Esquire at the law offices of Shook, Hardy & Bacon, L.L.P., telephone 202-261-2043, fax 202-452-1426, e-mail lsolomon@shb.com.