

Explanation of Proposed Operation

ADX Microsys Corp. (ADX) is an OEM engaged in development of wireless telecommunications system for home and business using the low power FCC Part 15 spread spectrum bands of 902-928, 2400-2483.5 and 5725-5850 MHz.

The Experimental Radio Service authorization requested in this application will be used connection with the development and testing of these devices for which equipment authorization will be sought under Part 15 of the FCC Rules. Although Part 15 limits the maximum power to 1 watts, we are requesting authorization for 2 watts power to account for design, testing and measurement margin.

We will operate a maximum of 200 base and/or mobile units at any one time. Operations under the authorization will be conducted throughout the Continental United States, although testing periodically will be done at our offices in Los Angeles. Base stations operated under our authorization will utilized antenna mounted directly to the unit. These antenna will normally not be more than 20 feet above ground. However, occasionally we will operate base stations within buildings in which the antenna will be more than 20 feet above ground.