

FCC Form 442, Item 7:

This experimental license will cover the development, testing and demonstration of commercial and prototype equipment for use in the Part 101 fixed microwave services. Ensemble Communications is the manufacturer of this equipment.

The Ensemble product uses Adaptive Time Division Duplexing (ATDD) technology. This Experimental License will allow Ensemble to field validate its point-to-multipoint microwave technology in the 2400, 2800, 3100 and 3900 MHz frequency bands. Testing will include but not be limited to fade margin measurements, link reliability and availability, various modulation modes, network interoperability, maximum loading, network management and application testing.

This application for a new experimental license covering Ensemble's testing activities within a 10 Km radius of its headquarters in San Diego is being filed at the FCC's request. When we requested a renewal of our existing Experimental License, WB2XAO (Reference 1447), we were asked to file a new experimental license request specifically covering our testing activities within 10 Km of our headquarters. We have been told that our previous Experimental License will be renewed and continue to cover the "Continental US" with a requirement to send a letter of notification prior to starting a test at a new location.