

3.5GHz Experimental License for

Intel Corporation
Jones Farm Campus
Hillsboro Oregon

Intel Corporation is applying for an experimental license for operation in the 3.5 GHz band. The experiment will last 2 years.

The purpose of the experiment is to determine the performance of Intel's new RF products operating in the 3.5 GHz band used in Europe and much of Asia, Africa, and South America. The modulations and bandwidths are consistent with the requirements of the emerging 802.16 (WiMAX) protocols and the ETSI standard EN301 021.

Over-the-air testing is needed to accurately assess real-life performance of wireless networks incorporating the new products, including but not limited to throughput, quality of service, multi-path problems, range, etc.

Fixed stations will be at one of the buildings on the Intel Jones Farm Campus, located at 2111 N.E. 25th Avenue, Hillsboro, Oregon. Mobile units and stationary/mobile units, which simulate subscriber location, will be located within 16.1 km of the base stations.