

FCC Form 442 – Narrative

VubIQ, Inc.
0092-EX-PL-2008

VubIQ, Inc. seeks authority for research and development of highly innovative radio equipment for operation in the 57-64 GHz ISM/Part 15 band, and ultimately in the 122-123 and 244-246 GHz ISM bands.

The application seeks authority to conduct research and experimentation in the following three fields of the radio art:

1. An RFID system for identification and location tracking using lower-cost tags than are presently available, based on a modification of synthetic aperture radar with electronically steerable antennae.
2. Video transport for readily and efficiently used consumer applications, capable of wirelessly carrying uncompressed high-definition video among display screens, cable or satellite boxes, and DVD equipment.
3. Wireless, multi-Gigabit computer backplanes to replace copper and fiber in server farms, storage area networks, and high-performance computing clusters.

Each of these innovations will significantly advance the art of radio communications and, if commercially successful, will make available to the public improved radio-based products and services.

VubIQ will use its authority under the license for research, development, and demonstration of the technologies described above.