

Atheros Communications, Inc.
Form 442 Application for Modification of WD2XEM
Exhibit A

Atheros Communications, Inc., requests modification of its existing experimental radio station license under Call Sign WD2XEM to add the following frequencies to the authorization:

5470-5725 MHz

4900-5150 MHz

2300-2400 MHz

Justification: Authorization to use the bands on a low-power, itinerant basis is required to develop and test products. For the 5470-5725 MHz band, development work is for products to be used in new band allocated in U.S. by FCC action of November 13, 2003, including work and products necessary to support joint industry/U.S. Government group scheduled to conduct bench and field testing of test designs in early 2004 for compliance with new DFS requirements adopted in the November regulations. The 2300-2400 and 4900-5150 MHz bands are used in other countries and authorization is required to develop products for export..