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5 April 2005

EXHIBIT 1: Description of 3.4 - 3.5 GHz Experiment and Experimental Objective

Applicant: Aperto Networks
File No.: 0304-EX-PL-2004

NOTE: This experimental license application is an update for an expired STA, file number 0068-EX-PL-2002

Aperto is developing base station and CPE radios for the 3.4-3.6 GHz bands, using the new WiMax standard being developed under IEEE 802.16. These radios are for export only, primarily to Europe, Asia, and Latin America. Aperto needs to make over the air tests in order to demonstrate the efficacy and operability of the system.