



1240 East Arques Avenue, M/S 345, Sunnyvale, CA 94085-5401
Telephone: (408) 530-4575, Facsimile: (408) 530-4515

July 25, 2005

EXHIBIT 1: Description of 3.5 GHz Experiment and Experimental Objective

Applicant: Fujitsu Laboratories of America

File No.: 0207-EX-PL-2005

Fujitsu Laboratories of America (FLA) is conducting a research project regarding the handover system between 802.16 (WiMAX) and 802.11 (WiFi) networks. In this investigation FLA needs to setup a test bed including one 802.16 base station, two 802.11 access points, and one consumer premise equipment (CPE) with both WiMAX and WiFi access functions. The experiments conducted in real systems are necessary to verify the feasibility of handover system between 802.16 and 802.11 networks. The investigation results will be contributed to the development of ongoing 802.21 medium independent handover standard.

Currently FLA plans to purchase 802.16 base station and CPEs from Aperto Networks. However, Aperto's current products are for 3.4-3.6 GHZ bands. Therefore, FLA needs to apply for an experimental license. These radios from Aperto are for export only, primarily to Europe, Asia, and Latin America.