



Unwired Broadband, Inc
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Exhibit A
FCC Form 442

Unwired Broadband, Inc. (UBI), a provider of fixed wireless services plans to develop and deploy systems for the delivery of efficient and affordable high-speed Internet access to home and businesses in rural areas on central California utilizing radio spectrum in the 3400 to 3600MHz band, and the 5470 to 5725 MHz band. Unwired Broadband Inc. hereby requests an authorization to conduct system performance trials in the Central San Joaquin Valley of California, using 3400 to 3600 MHz and 5470 to 5725 MHz, to determine the relationship between theoretical predictions and actual system performance of new technology under typical San Joaquin Valley propagation conditions.

The objective of these proposed system trials is to determine the feasibility and optimum equipment configuration requirements for use of these bands to deploy high-speed wireless data, voice, VoIP, and IPTV services to installations within the Central San Joaquin Valley area using Time Division Duplex (TDD) technology.

Unwired Broadband, Inc. proposes to use 10MHz and 20 MHz wide channels. Base station and remote equipment for these trials will be the Redline Communications RedMax Base Station AN-100U and Redline Communications RedMax Subscriber Unit SU-O. In addition, Unwired Broadband, Inc. will utilize the Redline Communications AN-50E wireless system for the connecting system between each test site. This equipment has been configured for use in the 3400 to 3600MHz and 5470 to 5725 MHz bands. All base access points and remote devices will be professionally installed and will operate in compliance with FCC Part 15.

While this equipment meets FCC Part 15 requirements, a specific goal of these tests is to monitor for frequency interference in the adjacent frequency bands, receive signal levels at the various modulation schemes, propagation delay, and fade margin over rural agricultural land. From these tests, Unwired Broadband, Inc. can determine if additional filtering is required to avoid adjacent channel interference, determine if mission critical services such as voice over IP, and IPTV will be affected through propagation delay, and fade margins maintained over rural agricultural land. Should interference to adjacent channel users occur, Unwired Broadband, Inc. will take immediate action, including discontinuance of operation, to eliminate the interference.

The data obtained from these tests will contribute to further development and utilization of unlicensed operations and the evaluation of Pre-WiMax certified equipment in the 3400 to 3600MHz and 5470 to 5725MHz bands.

For further information regarding the information submitted herein, please contact Mr. Peter Sorensen at Unwired Broadband, Inc. on 559-261-4444, ext500.