

From: Paul Grandinetti

To: Leann Nguyen

Date: October 10, 2007

Subject: FCC File# 0350-EX-PL-2007

Message:

October 10, 2007

VIA ELS AND FIRST CLASS MAIL

Ms. Leann Nguyen
Office of Engineering and Technology
Federal Communications Commission
445 Twelfth Street, S.W.
Washington, D.C. 20554

Re: FCC File No. 0350-EX-PL-2007 (Reference No. 5495)
Response to Request for More Information

Dear Ms. Nguyen:

I am responding to your request of September 10, 2007, for additional information concerning the above-identified experimental application of L&G Communications. I will attempt to enter the following information into L&G Communications' application. To the extent that effort is unsuccessful, please consider this letter an amendment to the application.

The frequency desired is 3650.00000 through 3700.00000 MHz, while the ERP will be 3.43000 watts. The mean peak and tolerance will be M and 0.00010000%, respectively. The emission designator for the radio transmitters is 20M0D7W. The station will be fixed, and L&G Communications plans to use five of Aperto Networks' PacketMAX 3000 units and 150 of Aperto Networks' PacketMAX 100 units.

The base station, the PacketMAX 3000, will use a nondirectional antenna and operate at 1.0 watt output power and ERP. The subscriber units, the PacketMAX 100, will utilize a directional antenna with a beamwidth of 20 degrees and operate at 0.1 watt output power and 4.0 watts ERP. The antennas for both the base stations and subscriber units will be attached to existing buildings or structures and will in no event extend more than six meters above the existing buildings or structures.

L&G Communications' description of the operation is as follows:

L&G Communications (L&G), a new provider of fixed wireless services for medium to below 50 rural markets in the United States, plans to develop and deploy systems for the delivery of efficient local and long distance telephone service, high-speed Internet access and Voice Over Internet Protocol (VOIP) service to local governments and schools utilizing radio spectrum in the 3.65 to 3.7 MHz band. L&G hopes that this promising new technology can be utilized to provide advanced telecommunications services to communities presently underserved by the major telecommunications companies. Such communities include the medium-sized population centers and under-represented ethnic groups within the larger urban areas.

To support this advanced system development, L&G requests an authorization to conduct system performance trials in various areas to determine the relationship between theoretical performance predictions and actual system performance of new technology for high-speed Non-Line Of Sight (NOLS) wireless broadband service under signal propagation conditions typical in the urban and

rural areas.

The objective of the system trials proposed herein is to determine the feasibility and optimal equipment configuration requirements for utilizations of the 36.5 MHz band to deploy high-speed NOLS wireless internet and VOIP services to indoor and outdoor installations within the areas.

L&G proposes to utilize 20 MHz-wide channels. Primary base station and remote equipment for these trials will be determined at a later time. This equipment will be configured for transmission in the 3.65 MHz band. All base stations and remote devices utilized by L&G for these tests will be professionally installed and will operate in compliance with Part 15 of the Federal Communications Commission's rules. Information provided by the manufacturer for the antennas and transmission equipment and the precise location of the antennas will be included in a future exhibit.

While this equipment will meet Part 15 requirements, a specific goal of these tests is to monitor for interference in the adjacent frequency bands. From these tests, L&G can determine if additional filtering at the band edges is necessary to avoid adjacent channel interference problems. In the event interference to existing adjacent channel users of this band occurs, L&G will take immediate action, including discontinuance of operation, to eliminate the interference to licensed facilities. L&G is also simultaneously requesting similar permission to test transmissions in several other markets.

An important aspect of these trials is to determine the coverage capabilities of this band for fixed Part 15-type wireless communications systems to both indoor and outdoor user installations. As this band has previously not been used for this type of service, the results will be used to establish the minimum system design specifications required to achieve reliable coverage in the typical metropolitan area. Parameters to be determined by the system tests will include the following:

- Maximum coverage area from a single hub site;
- Signal reliability over time;
- Signal penetration losses through foliage and building walls;
- Changes in signal propagation due to weather conditions; and
- System durability based on the number of users simultaneously accessing the network.

For further information regarding the information submitted herein, please contact L&G's owner, Paul Grandinetti. If you have any questions or comments, please do not hesitate to contact us.

Sincerely yours,

/s/

Paul Grandinetti