

From: Brian Wright

To: Leann Nguyen

Date: May 17, 2007

Subject: FCC File # 0491-EX-PL-2006

Message:

Justification for nationwide authority:

Cielo Networks is a manufacturer of point-to-point digital microwave gear that meets the requirements of operation under CFR47 Part 101. The intention for the experimental license is to allow Cielo the opportunity for demonstration and testing of our microwave equipment. Cielo sells products to customers across the US. Some of these customers require Cielo to demonstrate over-the-air operation of our product. These demonstrations would primarily be no longer than 60 days in length for performance measurements to be made during various weather conditions. Because these customers are located throughout the US, Cielo requests a nationwide license so that the testing and demonstration can be performed at the customer's facility.

Cielo will perform coordination to determine a frequency channel available that is non-interfering to current deployed microwave links.

As part of the background investigation to determine the appropriate license to seek, Cielo examined experimental licenses granted to vendors offering similar equipment. One such example is the license granted Call Sign WB2XIL.

Justification for 50 devices

Cielo would deploy a single link under each use of the experimental license. The maximum number of devices used per site would be 4. Therefore, it is ok to reduce the number of devices to 4.

Amendment to Application

Cielo Networks requests the addition of the 6 GHz band to the experimental license. The license band is from 5.9 ? 6.4 GHz, 30 MHz channel plan, and modulation of QPSK to 128QAM

Signed,

Brian Wright
Cielo Networks, Inc.
Technical Director

May 15, 2007