

Exhibit A

Mobile Satellite Ventures Subsidiary LLC (“MSV”) currently holds a nationwide license to operate terrestrial facilities in the L band.¹ MSV hereby requests an experimental Special Temporary Authority (“STA”) to conduct propagation testing using terrestrial facilities in the L band. The results of the tests will be used for an L band propagation model. The test will use frequencies licensed to MSV in the United States.²

The testing will take place in the following twelve regions. Two tests will take place in urban areas and two tests in suburban areas in each region, for a total of forty-eight separate tests.

Atlanta
Baltimore/Washington
Boston
Chicago
Cleveland
Dallas
Denver
Los Angeles
Miami
New York
Seattle
San Francisco

A single transportable transmitter will be located within a 10-mile radius of the center point listed on Exhibit B. The transmitter will transmit in the frequency range 1531.375-1531.425 MHz at an ERP of 125 W mean power. The testing at each location will not occur simultaneously. Rather, testing will take place at each location for approximately one day before moving to the next location. Given the low power of these transmissions and the limited duration of the testing in each location, MSV does not expect harmful interference to occur.

¹ See *Mobile Satellite Ventures Subsidiary LLC, Order and Authorization*, DA 04-3553 (Chief, International Bureau, November 8, 2004).

² These frequencies do not include any of the “disputed” (also know as “loaned”) frequencies between MSV and Inmarsat, as discussed in MSV’s June 20, 2006 letter. See Letter from Jennifer A. Manner, MSV, to Ms. Marlene H. Dortch, FCC (June 20, 2006).