

Experimental Program

Experimental description

As an antenna manufacturer, ViaSat, Inc. designs and produces a variety of antennas supporting a wide variety of frequencies.

The request for Special Temporary Authority ("STA") is in support of a customer requirement to test the S band antenna system over the air.

During the test process, while transmitting, the antenna elevation is set to 90 degrees to insure that no power is radiated toward any operating satellite.

The antenna system being tested is 7.3 m (24 ft) in diameter, but is located next to nearby buildings and other existing antennas of similar size and larger and does not present a hazard to aircraft. See terrain profile drawing.

The testing is expected to take place between normal business hours (8 AM to 8 PM EDT). The point of contact for ceasing transmissions in case of interference is Eric Rhoden (1-706-799-2786). ViaSat also maintains a 7/24 hour network operations center which can be reached at 1-888-772-2732.