



Experimental Program

As an antenna manufacturer, Viasat 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 perform an acceptance test of the antenna at full power level over the air. Communications with an operational satellite is not requested in this application.

The customer is the Naval Research Labs ("NRL") and the contract number is 15-C-3102 PO_CE485157 for the KBR WYLE project. The government point of contact is Andrew Sohn and can be reached at:

andrew.sohn@nrl.navy.mil
1-703-551-1976.

During the testing the 5.4 m antennas will be pointed at an elevation angle of 90 degrees to minimize the potential for power being radiated toward the horizon or any geostationary satellites.

The location for one of the antennas being tested is located in Duluth, GA next to nearby buildings and other existing antennas of similar size and does not represent a hazard to aircraft. See terrain profile drawing.

The location for the second antenna is at Viasat's antenna pattern test range in Pendergrass, GA where trees are located along the length of the test range on both sides with an average height of 10 to 15 meters. The nearest airport is 10.25 km away and does not represent a hazard to aircraft. See terrain profile drawing.

The testing is expected to take place between 8 am and 8 pm EDT. The point of contact for ceasing transmissions in case of interference is Andrew Wlazlinski (1-254-230-6641).