

**EXHIBIT A**

**EXPERIMENTAL PROGRAM**

## **Experiment Description**

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

The requested modification to our license is to add support for Ka-band frequencies to test an antenna system over the satellite.

The antenna is a 9.14 m antenna whose height is greater than 6 m but which is well below the height of nearby buildings and does not present a hazard to aircraft. A terrain elevation profile is also attached which shows that the elevation at the location of the antenna test site is below that of the nearest airport.