

ViaSat, Inc.  
File No. 0047-EX-ML-2012

## **ATTACHMENT**

ViaSat is currently testing mobile applications under experimental license (WF2XOQ) using bandwidth on the WB-1, ANIK-F2, AMC-15, and AMC-16 satellites. ViaSat now wishes to extend mobility testing from areas around Carlsbad, CA and Duluth, GA to CONUS.

### Purpose of the Operation:

Approval of this license will allow ViaSat to perform testing of the VR-12-Ka (previously authorized) and the Mantarry RF Terminal (previously authorized), each of which are components in a mobile satellite communications system. The RFTs are designed to enable communications via Ka-band satellites to the designated satellite gateway earth station while on the ground or in flight.

During testing, transmissions will be monitored by test engineers as well as the satellite operations center. If in the event interference is detected or for any other reason it is necessary to cease transmissions, ViaSat maintains a 7/24 Network Operations Center which can be reached at 1-720-493-7300.

During testing or demonstrations, the RFTs may be mounted on a vehicular platform to test basic operations while on the move, or on airborne platforms to test operation in flight.

The operation of the RFT will be in full compliance with the Commission's radio frequency (RF) exposure guidelines – see RF hazard analysis exhibit. The RFT will be secured from access by the general public and will be operated by experienced test personnel.