

ViaSat, Inc.  
Request for Special Temporary Authority

## **Attachment A**

### **Description of Request for Special Temporary Authority**

ViaSat, Inc. (“ViaSat”) hereby requests special temporary authority (“STA”), to operate a 7.3 m meter Model VA-73-KA transmit/receive antenna operating in the Ka-band in Rapid City, South Dakota for purposes of service testing and demonstration. ViaSat requests authority commencing on April 11, 2011 for a period of 180 days.

ViaSat intends to use this antenna as a traffic gateway for its VIASAT-1 satellite, which is scheduled for launch during the summer of 2011. ViaSat requests this STA to allow testing and demonstration of the SurfBeam® 2 ground station equipment prior to the launch of VIASAT-1. ViaSat owns and manages capacity on the WILDBLUE-1 spacecraft which it will use for this purpose. The public interest will be served by the grant of this STA because it will allow ViaSat to conclude testing of the antenna to ensure the integrity of the ground network that will support the operation of services on VIASAT-1 later this year.

This antenna complies with the antenna performance specifications in Section 25.209 and, it will comply with the off-axis EIRP performance levels set forth in Section 25.138 of the Commission’s rules.

ViaSat submits a radiation hazard analysis performed pursuant to the methodology set forth in OET Bulletin 65, attached hereto as Attachment B. The analysis indicates that harmful levels will not be present in areas occupied by the general population and that the antenna system does not present a risk to trained personnel in the immediate vicinity of the antenna.