

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

ViaSat, Inc. (“ViaSat”) hereby requests special temporary authority (“STA”) to operate up to 20 Mantarray model M32 aeronautical earth station (“AES”) terminals in the 28.35-29.1 GHz and 29.5-30.0 GHz portions of the Ka band for uplink communications and the 18.3-19.3 GHz and 19.7-20.2 GHz portions for downlink communications. ViaSat has an application pending before the Commission for permanent authority to operate M32 AES terminals pursuant to its blanket license E120075. *See* File No. SES-MOD-20150911-00584. All of the relevant technical parameters for the proposed STA operations are provided in that pending modification application and are incorporated by reference in this request for STA.

Grant of STA to deploy these AES terminals would support customer roll-out of this terminal type following the grant of FAA Supplemental Type Certification of the antenna, thereby expediting the public interest benefits of meeting rapidly growing consumer demand for high-speed mobile broadband services, including streaming video, while in-flight. As detailed in the underlying application, the M32 terminal type has been coordinated with all operators of satellite systems within 30 degrees of the requested satellite points of communication, and thus would operate without causing harmful interference to primary Ka-band operations. Therefore, grant of the requested STA would promote the public interest.

ViaSat requests STA for a period of 60 days.