

Exhibit A

Description of Minor Modifications

ViaSat, Inc. (“ViaSat”) notifies the Commission of certain minor modifications to its Ka-band temporary-fixed terminal blanket license, E120071. ViaSat seeks to correct the frequencies used on two of the currently authorized antenna types. The uplink frequencies on each antenna should be 28.35-29.1 GHz and 29.5-30.0 GHz. In two instances, ViaSat inadvertently entered a range of 28.35-30.0 GHz. However, ViaSat does not operate the antennas in the 29.1-29.5 GHz band, and thus seeks a correction to the license. The corrected frequencies for the emission designators at issue have been entered into the associated Schedule B. No other changes are being made to the currently authorized antennas.

In addition, ViaSat seeks to modify its current authorization to add a new antenna model that is electrically identical to a currently authorized model. Specifically, ViaSat seeks to operate 50,000 units of a 0.75 meter temporary-fixed earth station utilizing the 28.35-29.1 GHz and 29.5-30.0 GHz (uplink) bands and the 18.3-19.3 GHz and 19.7-20.2 GHz (downlink) bands. The new earth station terminals would communicate using the same frequencies and with the satellite points of communication (ViaSat-1, Anik-F2, WildBlue-1) already authorized on this license. ViaSat-1 is U.S. licensed and authorized to serve the U.S. in these bands. ViaSat also seeks authority to operate these earth station antennas with the WildBlue-1 and Anik-F2 satellites using the 29.5-30.0 GHz (uplink) band and the 19.7-20.2 GHz (downlink) band. WildBlue-1 and Anik-F2 are Canadian licensed and are authorized to serve the U.S. in these bands. ViaSat requests a waiver of the U.S. Table of Frequency Allocations, to the extent necessary, to allow the operation of this new antenna type in the 18.8-19.3 GHz band for GSO FSS downlink operations. The basis for a waiver for this terminal type is no different than those already approved in the Commission’s authorization of the ViaSat-1 satellite and with respect to this license previously.¹

The new FLY-75V 0.75 m antenna is a variation of the SNG-1 0.75 m antenna that is currently authorized on this license. The FLY-75V 0.75 m antenna uses the same outdoor electronics and feed assembly as the SNG-1 0.75 m antenna, but employs a different mounting attachment. The new antenna meets the performance requirements in Section 25.138(a). Because the proposed antenna is electrically identical to the SNG-1 antenna, the off-axis EIRP spectral density performance of the FLY-75V is the same as for the SNG-1 antenna. Therefore, ViaSat incorporates by reference the off-axis EIRP spectral density plots previously provided for SNG-1 0.75 m antenna, which demonstrates that the antenna complies with the requirements in Section 25.138.² In addition, the power flux-density at the earth’s surface produced by emissions from each of the satellite points of communication are within the -118 dBW/m²/MHz limit set forth in Section 25.138(a)(6). The proposed earth station terminal conforms to the antenna performance standards in Section 25.209 in the receive frequency bands as demonstrated

¹ See IBFS File Nos. SAT-LOA-20110722-00132, as amended (granted Oct. 14, 2011); SAT-LOI-20080107-0006, as amended (granted Aug. 18, 2009); see also IBFS File No. SES-LIC-20120424-00389.

² See IBFS File No. SES-LIC-20120424-00389.

by the previously provided antenna gain patterns for SNG-1 0.75 m antenna. Moreover, the radiation hazard analysis provided for the SNG-1 antenna is applicable to the FLY-75V antenna, as the antenna types will be operated at the same power levels and parameters.