

## Exhibit A

### Description of Application and Waiver Request

ViaSat, Inc. (“ViaSat”) seeks a minor modification to its current authorization to add blanket authority to operate 50,000 0.75 meter temporary-fixed earth station to communicate with the ViaSat-1 satellite, 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. 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 currently holds a blanket license authorization under call sign E120071 (SES-LIC-20120424-00389 and SES-MOD-20121102-00985) to operate a large number of user terminals in the 18.3-19.3 GHz, 19.7-20.2 GHz, 28.35-29.1 GHz and 29.5-30.0 GHz bands using the ViaSat-1 satellite.

This new model WV750A 0.75 m antenna is a variation of the previously authorized temporary-fixed antennas on this license and the antennas authorized in the ViaSat-1 Blanket License. The new 0.75 m antenna uses the same reflector, feed, and outdoor electronics as the previously authorized antenna in the ViaSat-1 temporary-fixed Blanket License. Principally the difference is a different manufacturer of the mounting attachment and actuator for the reflector and feed arm which allows the antenna to be collapsed for vehicular roof mount applications, such as satellite news gathering. However, these differences do not impact the performance or the electrical characteristics of the antenna, and thus, the new antenna is electrically identical to the SNG-1 antenna already authorized on this license. Therefore, the antenna patterns for the new antenna are identical to those for the SNG-1 antenna, and Exhibits B and C of Application File No. SES-LIC-20120424-00389 are incorporated by reference here to demonstrate compliance with Section 25.138(a). Similarly, the radiation hazard analysis in Exhibit D of Application File No. SES-LIC-20120424-00389 is incorporated by reference here, as it also applies to the new antenna.

In granting the ViaSat-1 Blanket License and the authorization for the ViaSat-1 satellite, the Commission granted authority to operate on the 28.6-29.1 GHz band on a secondary allocation and granted a waiver of the U.S. Table of Frequency Allocations to use the 18.8-19.3 GHz band for GSO FSS downlink operations.<sup>1</sup> In addition, the Commission permitted blanket licensing of earth stations in the 28.6-29.1 GHz and 18.8-19.3 GHz bands in the ViaSat-1 Blanket License. The new antenna type requested by this modification application will operate on these same frequencies when communicating with ViaSat-1, and thus, ViaSat requests the same waivers, to the extent necessary. The bases for such waiver showings for this new terminal type are no different than those already approved in the ViaSat-1 Authorization and the ViaSat-1

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<sup>1</sup> See ViaSat-1 Blanket License; *see also* File Nos. SAT-LOA-20110722-00132, as amended (granted Oct. 14, 2011); SAT-LOI-20080107-00006, as amended (granted Aug. 18, 2009) (“ViaSat-1 Authorization”).

Blanket License. ViaSat respectfully incorporates by reference those prior showings,<sup>2</sup> and requests that the Commission permit operations and blanket licensing in the 18.8-19.3 GHz band in this case.

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<sup>2</sup> See File Nos. SES-LIC-20101217-01585; SAT-AMD-20080623-00131.