

Exhibit A

Purpose of Application

ViaSat, Inc. (“ViaSat”) has been granted authority¹ to operate a ViaSat model 841054 5.4 m antenna to serve as a telemetry, tracking and control (“TT&C”) station for the Planet Labs, Inc. (“Planet Labs”) constellation of Earth Exploration Satellite Service (“EESS”) non-geostationary orbit (“NGSO”) satellites. This application for modification serves to make an administrative correction in the coordinates of the earth station location, add receive frequencies, and add the opposite polarization to the transmit carrier.

Administrative Correction

The license lists the location address of the earth station correctly as 1236 Wayne Poultry Rd, Pendergrass, GA 30567 in the county of Jackson. However, the latitude listed in the license is 33° 10’ 29.0” N versus the actual 34° 10’ 29.0” N. The frequency coordination study² performed for the site does use both the correct 34° 10’ 29.0” N latitude and the correct longitude numerically as well as graphically on maps. Further, incumbent operators were provided a copy of the coordination study and after some discussion, coordination was completed based on the correct location. ViaSat requests this modification to make an administrative correction to the coordinates of the earth station identified on the license, which were inadvertently entered incorrectly into Form 312 Schedule B, Item E12.

Addition of Frequencies

The license specifies only one transmit (Earth-to-space) frequency and no receive (space-to-Earth) frequencies. This modification also seeks to add receive frequencies for two carriers. The addition of these receive frequencies has no effect on the coordination already in place.

Addition of Opposite Polarization

The one transmit frequency listed in the license is for right hand circular polarization (“RHCP”). This modification seeks to add the left hand circular polarization (“LHCP”). All other transmission parameters will remain the same, i.e. EIRP per carrier and EIRP density per carrier. The frequency coordination study assumed polarization-agile receiving antennas with no polarization discrimination between the transmitting antenna and the victim antenna. As emissions will occur in only one polarization and not both simultaneously, the received energy at the victim receiver will remain unchanged with respect to the coordination in place.

¹ See ViaSat, Inc., IBFS File Number SES-LIC-20161024-00853 (granted Mar. 7, 2017).

² *Id.*; see Attachment “Exhibit A” (granted Mar. 7, 2017).