

To: Thomas Voltero
E-Mail: thomas.a.voltero@rtx.com
From: Behnam Ghaffari
Date: November 25, 2020

Subject: FCC File No. 1759-EX-ST-2020

Message:

- 1) Please provide the size(meter), antenna gain (dBi), input power at antenna flange (watts), and EIRP (dBW) of the proposed antenna(s).
- 2) Please add MO to Station Class. Please provide the technical information (Frequency, Station Class, Emission Designator, Authorized Power, and Frequency Tolerance(+/-)) for the mobile antenna mounted to a boat.
- 3) Will the boat-mounted antenna operate in the international water?
- 4) Please provide Point of communication (satellite): name, call sign and file no. of GSO Ku-band and/or NGSO Ku-band satellites operating in the 10-18 GHz frequency bands.
- 5) Please specify the receiving frequency bands (for example: 10.7-11.7 GHz, 11.7-12.2 GHz, 12.2-12.7 GHz, 12.5-12.75 GHz, 17.3-17.8 GHz, 17.7-18 GHz, etc.)
- 6) Please specify the transmitting frequency bands (for example: 12.75-13.25 GHz, 13.75-14.5 GHz, 17.3-17.8 GHz etc.)
- 7) Experimental license does not authorize to receive signals from satellite operating in the receiving frequency bands. Please remove the receiving frequency bands from your proposed 10-18 GHz frequency band.
- 8) For communication with GSO Ku-band satellite, does the proposed operation in the 13.75-14 GHz band meet the footnote US356 of Section 2.106 of the Commission's rules.
- 9) For communication with NGSO Ku-band satellite, does the proposed operation in the 10-18 GHz band meet the applicable equivalent power Flux-density levels in Article 22 of the ITU radio Regulations.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of November 25, 2020 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

DO NOT Reply to this email by using the 'Reply' button. In order for your response to be processed expeditiously, you must upload your response via the Internet at <https://apps.fcc.gov/oetcf/els/index.cfm> by clicking on the "Reply to Correspondence" hyperlink.

Responses to this correspondence must contain the Reference number : 58737