

To: Derek Ofori
E-Mail: dofori@litecoms.com
From: Behnam Ghaffari
Date: October 20, 2020

Subject: FCC File No. 1434-EX-ST-2020

Message:

1. What are the coordinates for the site located at Ft Bragg, NC?
2. Where is the NOC located? What is the coordinates (Lat, Long) for the NOC owned by USSOCOM?
3. You indicated that the Terminal will be transmitting and receiving at Ku Band frequency on end customer network. Where is the location of end customer network? Please provide the coordinates (Lat, Long) for the end customer network.
4. What is the size (in meter) and antenna gain (in dBW) of the proposed antenna: Flat Panel Tactical Terminal?
5. You indicated that you will be using an iDirect 950 MP modem and integrating with a 6 Panel RX assembly and a 4 panel TX assembly. Is that there will be 6 Flat Panel Tactical Terminals for the transmit and 4 Flat Panel Tactical Terminals for receive?
6. You indicated that the STA is for A demonstration of ESA platform on a GEO constellation . Is Flat Panel Tactical Terminal an ESA antenna which is located at aircraft? If so, what is the altitude (height above ground in feet) of aircraft. What is the operating aircraft radius around the site of Ft Bragg, NC and Fort Benning, GA?
7. Please specify the receiving frequency bands (for example: 10.7-11.7 GHz, 11.7-12.2 GHz, 12.2-12.7 GHz)
8. Please specify the transmitting frequency bands (for example: 12.75-13.25 GHz, 13.75-14.5 GHz)
9. You indicated that the STA is for A demonstration of ESA platform on a GEO constellation . What is the point of communication(s) (name, call sign and file no. of GEO satellite(s)) operating in the 10.7-14.5 GHz frequency bands?
10. 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 10.7-14.5 GHz frequency band.
11. If there is no point of communication(s), please describe your proposed operation and provide a sketch/figure of transmitting and receiving link/operation between 2 antennas or between an antenna and satellite simulator. Please provide the height and distance measurement in meter. Please provide the elevation angle for the transmit.

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 October 20, 2020 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

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Responses to this correspondence must contain the Reference number : 58057