



October 26, 2018

Raytheon Company
2000 E. El Segundo Blvd.
P.O. Box 902
EO, Bldg E04, M/S N169
El Segundo, California
Attention: Richard L. Reaser

Subject: Request for Written Consent to Operate in the 14-14.5 GHz Band

Reference: Federal Communications Commission (FCC) File Number: 0778-EX-CN-2018

Dear Mr. Reaser,

UltiSat, Inc. is authorizing Raytheon Space and Airborne to perform intermittent testing on an earth station terminal under the FCC's file number 0778-EX-CN-2018. This includes conducting intermittent, six (6) hour per day testing for one (1) year, commencing in November 2018, using a satellite uplink and ground terminal(s) with the following parameters:

Satellite Uplink Parameters

Service Provider: L-3 Global Communications Solutions, Inc
Spacecraft: SES-2
Orbital location: 273° East Longitude
Orbital Separation: 3 degrees
Link Budget: Clear sky
Uplink frequency: 14062.0 MHZ
Emission Designators: 2M7G1D, 4M40G1D and 11M5G1D

Earth Station Parameters

Location: McKinney, Collin County, Texas
Lat-Lon: NL 33-12-00; WL 96-38-24
Ant Gain: 47.4 dBi; MSL: 192m, AGL: 309

Additional information can be found in our experimental license request, FCC file number: 0778-EX-CN-2018. Please let us know if there are special conditions or coordination protocols necessary. We look forward to you written consent by November 5, 2018.

Best Regards,

Coleen Quintana
Sr. Contracts Manager

UltiSat, Inc.

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