

Orbital Sciences Corporation
21830 Atlantic Blvd.
Dulles, VA 20166

Federal Communications Commission
Experimental Radio Services
P.O. Box 358320
Pittsburgh, PA 15251-5320


Re: Experimental license for Orbital Sciences Corporation

Dear Sir or Madam:

Orbital Sciences Corporation (Orbital) hereby requests the renewal of an experimental license for the explicit purposes of integration and testing of commercial communications satellites in the Ka-band. Approval of this experimental license will allow for timely verification of the command, control, and telemetry sub-system, as well as the audio/video communications payloads of each spacecraft. It must be stressed that Orbital strives to **eliminate** any stray emissions from its facility while testing satellites. Orbital performs all testing inside its facilities (metal buildings), shielded rooms, and/or anechoic chambers. Therefore, Orbital does not anticipate any additional coordination to be required. This license is needed in the event any stray radiation is transmitted into the local area. The parameters of the RF transmissions for this experimental license are provided in the application.

Please call me (703-948-8893) if you have any questions concerning this application. Thank you in advance for your prompt attention to this matter.

Sincerely,



Jose Diaz, Senior Engineer
Orbital Sciences Corporation
RF Integration and Test Group