

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:

This letter requests an experimental license for Orbital Sciences Corporation (Orbital) explicitly for the purposes of integration and testing of commercial communications satellites. In July of this year, Orbital will begin communications testing of the NSS-9 C-Band satellite to be launched later in the year. The mission of the satellite is primarily to provide video distribution communications for television system operators.

Please note that this application exists solely to extend the lower C-band license Orbital already has on file in application 0022-EX-RR-2007 (call sign WD2XIF).

Approval of this experimental license will allow timely verification of the spacecraft's command, control, and telemetry sub-system, as well as the audio/video communications payload. It must be stressed that Orbital strives to **eliminate** any stray emissions from its facility while testing of its satellites. Orbital performs all testing inside Orbital structures (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 (703-948-8751) or Dave DeTroye (703-404-6549) if you have any questions concerning this application. Thank you in advance for your prompt attention to this matter.

Sincerely,

Pete Collis
Orbital Sciences Corporation
RF Communications Group