



Orbital ATK
Alliant Techsystems Operations LLC.
4700 Nathan Lane
Plymouth, MN 55442

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

Dear Sir or Madam:

Orbital ATK's Alliant Techsystems Operations hereby requests an experimental license for the explicit purpose of integration and testing of medium caliber projectiles in the 16.2-16.4GHz band.

Approval of this experimental license will allow for timely verification of the command, control, and telemetry sub-systems. It must be stressed that Orbital ATK strives to eliminate any stray emissions from its facilities while testing. Testing will be performed at Orbital ATK's outdoor weapon range in Elk River, MN. Due to the rural location of the facility Orbital ATK does not anticipate any additional coordination to be required. The parameters of the RF transmissions for this experimental license are provided in the application.

Please call me (763-744-5272) if you have any questions concerning this application. Thank you in advance for your prompt attention to this matter.

Sincerely,

Mark Turpin, Principal Electrical Engineer
Orbital ATK
Armament Systems Division