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Federal Communications Commission  
445 12<sup>th</sup> Street, SW  
Washington, DC 20554

Subject: Form 442 Question 7 – Purpose of Experiment

To Whom It May Concern:

This attachment addresses Question 7 of the FCC Form 442, file number 0442-EX-PL-2007 (confirmation number EL776583), submitted on August 27, 2007.

The purpose of the experiment is to conduct civilian GPS system performance evaluation (L1 signal only) inside of a radio-frequency shielded facility. The measurements will track the carrier to noise ratio, time to first fix, and SV number. The two shielded facilities employed will be a fully anechoic chamber and a shielded box (such as a Faraday cage). At all times the re-radiating antenna will remain inside the shielded facility, ensuring that the re-radiated GPS signal will cause no interference to any users of the GPS navigation system.

Sincerely,

Anatoliy Ioffe  
Wireless System Engineer