

From: Donald LaPoint

To: Leann Nguyen

Date: January 11, 2008

Subject: FCC File# 0705-EX-PL-2007

---

Message:

- Description of the operation to be conducted and its purpose.

The project is for development, testing, and validation of an X-band portable Doppler weather radar for US Government and commercial end-use. Design and development will require infrequent radar transmissions to test the system operation. During validation testing, the system will be operated more frequently to assess the performance of the radar but will not include permanent installation and operation at any particular location.

- A brief of explanation why the company requests 5-year license for the experiment.

The experiment requires substantial time to develop the weather radar system and to test and validate the performance of the radar, during which time the design will be adjusted to maximize performance. It is expected that the entire project will last approximately 5 years from design to validation.