

From: John Dooley

To: Behnam Ghaffari

Date: December 09, 2014

Subject: FCC File No. 0240-EX-ML-2014

---

Message:

The purpose of the original filing was to test the Terrestrial Low Power Service (TLPS) in an educational environment. The scope of testing has been expanded to include a high density educational environment with significant per-student bandwidth loading. Specifically, we seek to evaluate the relative performance of TLPS in a primary educational facility with approximately 150 students and faculty operating TLPS capable tablet computers in very close proximity. This facility is located in New Bedford, MA. Experimental operations will be confined to a single structure located at the address and coordinates provided.

To summarize the experimental objectives of this new location:

- (a) Evaluate the relative performance of TLPS in a high density educational environment constructed of materials that are absorptive to microwaves.
- (b) Evaluate the performance of existing tablet computers that are firmware modified to utilize TLPS.
- (c) Evaluate the ability of TLPS to support bandwidth intensive and latency intolerant real-time educational applications.
- (d) Evaluate the relative performance in an interference limited semi-urban / industrial environment.
- (e) Evaluate the relative performance of TLPS in an educational facility with large numbers of students and faculty in a confined space.