

From: Mei Su Wu

To: Anthony Serafini

Date: May 20, 2009

Subject:

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Message:

Ideally, the product will meet the FCC limits in Part 15 Subpart F. However, the purpose of the experiment is to determine whether the technology will perform as desired at the Part 15 limits. If this is not the case, the minimum acceptable output power will be determined, and a petition for waiver of the Rules will be filed with the Commission referencing these minimum acceptable power limits.

AKELA will perform a site survey at each potential test site and search for licensees in the area using the database. Prior to conducting experiments, AKELA will also use a spectrum analyzer in the field to make a note of the location of peaks detected over a period of time. Then, using the CW frequency hopping radar's band exclusion capabilities, all of which are controlled by software, we will further restrict our operating band and notch out any particular sub-bands as required.