

**Behnam Ghaffari**

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**From:** Behnam Ghaffari  
**Sent:** Monday, May 17, 2010 2:36 PM  
**To:** 'Mei Su Wu'  
**Cc:** 'msuwu@akelainc.com'  
**Subject:** FCC File No. 0221-EX-ST-2010 , and FCC File No. 0205-EX-ST-2010

Ms. Wu,

Please respond to the following questions in regards to your pending experimental applications:

1. What restrictions, if any, were placed on operations based on the coordination conditions in the original STA? Please provide any information obtained from the coordination process with SBE, WAFC, and AWS licensees. Include point-of-contact information used for each party.
2. Why is the frequency band requested changing from 500-2000 MHz to 500-3600 MHz?
3. Does testing indicate that the device will be able to successfully operate within the power limits required for Part 15 operation if the measurement procedure requiring the frequency stepping to be stopped is waived?
4. Describe the stepping rates and dwell times used by the radar, and how eliminating (notching) frequencies from the step pattern affect the overall duty cycle on any given frequency.
5. The LA Sheriff Department (LASD) has applied for an STA to operate Akela equipment. Who are the Points-of-contact between Akela and the LASD. What role does the LASD play in your development program, and will Akela be responsible for testing being conducted by the LASD Office? If not, under what circumstances does the LASD come into possession of the equipment?.
6. What long-term plans does Akela have for requesting regulatory changes that would allow the equipment to be marketed and operated (e.g. waiver request, petition for rulemaking), and under what rule part (i.e., Part 15 or Part 90)?

**The items indicated above must be submitted before processing can continue on the above referenced application.**

**Failure to provide the requested information within 30 days of May 17, 2010 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.**