

From: Tracy Johnson

To: John Kennedy

Date: January 18, 2005

Subject:

FCC File # 0693-EX-ST-2004

Message:

Response to Correspondence Reference Number 3369

FCC File No. 0693-EX-ST-2004

Mr. Kennedy:

On behalf of BAE SYSTEMS Information and Electronic Systems Integration Inc., I am forwarding to you the following information provided by the applicant in response to your above-referenced inquiry:

1. As an initial matter, BAE SYSTEMS appreciates the Commission's concerns regarding the potential for interference that may exist with respect to this, or any, application for experimental facilities. To that end, consistent with its approach with respect to all transmissions on Commission-regulated spectrum, BAE SYSTEMS hereby confirms its commitment to minimize the risk of interference to any and all co-channel or adjacent licensees. As evidence of such commitment, BAE SYSTEMS has reviewed its frequency requests in the above-referenced application and has determined that it would be willing to have the Commission issue a very narrow grant on only six (6) discrete frequencies in order to reduce the potential for interference to as many licensees as possible. The six frequencies BAE SYSTEMS has identified as acceptable for grant as replacements of the frequencies bands previously identified in the application are as follows:

900 MHz
1400 MHz
1900 MHz
2100 MHz
3500 MHz
4000 MHz

BAE SYSTEMS notes that its anticipated experiment will not involve the use of swept carrier. Rather, the experiment will involve the transmission on the above discrete frequencies (with a tolerance of ± 10 KHz absolute frequency accuracy) in a step fashion. Specifically, transmissions will dwell at a single particular frequency for 10 to 15 minutes, after which transmissions will discretely step (or change frequency) to the next frequency in the above list. BAE SYSTEMS anticipates that it will typically transmit for only 10 to 15 minutes while on any given frequency. Cumulative transmission times are anticipated to be quite limited. In fact, to reiterate the commitment made by BAE SYSTEMS in its application, the cumulative period of operation in any given 24 hour period will be no more than 2 hours.

Should the Commission determine that grant on the above six discrete frequencies is preferable, BAE SYSTEMS would not object to the Commission amending the application internally to reflect the replacement of the previously requested frequency bands with the above-referenced discrete frequencies.