

To: Robert Sparr
E-Mail: robert.sparr@sri.com
From: Jose Trevino
Date: May 03, 2012

Subject: FCC file number 0343-EX-ST-2012

Message:

Mr. Sparr,

1). The following information's are needed in order to process the experimental licensing application. See below:

The Federal Aviation Administration (FAA) operates in the frequency bands;

978-1020 MHz,
1030 MHz,
1031-1087 MHz,
1090 MHz,
1104-1146 MHz,
1157-1213 MHz, and
1215-1390 MHz,

Please prior coordinate the use of the frequency band with the Western Service Area (WSA) FAA Regional Office.

Please obtain the NGT number(s) from the FAA Regional Office at the completion of the coordination and report it in your response to this correspondence. Please report the parameter below in your coordination with the FAA Regional Office:

- Peak envelope power (PEP);
- Type of antenna;
- Transmit antenna gain;
- Elevation above sea level of the antenna site;
- Height above ground of the focal point of the antenna;
- Antenna polarization;
- The azimuth that the antenna is pointed or appropriate designator to indicate whether the antenna is rotating, non-directional, etc.;
- Pulse repetition rate (PRR) that the equipment is capable of operating on to include PRR stagger sequences if appropriate, whether the PRR is adjustable and what PRR's the equipment can accept, and any other information that would be helpful in understanding the pulse characteristics of the equipment;
- Pulse width;
- Equipment nomenclatures;
- Whether the equipment is capable of blanking transmissions in certain azimuths and any limitations with respect to blanking;
- Radius of operations if appropriate;
- Detailed description of the proposed operation to include any technical parameters that will be altered during operations.

Phone numbers to the FAA Regional Frequency Management Offices may be obtained at:
www.faa.gov/ats/aaf/locations/fmos.htm

2). Also, please provide the Emission Designator once includes a "Letter-Number-Letter".

3). Please provide a designated point-of-contact to terminate transmissions if interference occurs.

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 03, 2012 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

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Responses to this correspondence must contain the Reference number : 16838