

FCC Application for Experimental License

File Number: 0232-EX-ST-2014

Exhibit 1: Information on Experiment

Purpose of Experiment

SRC respectfully requests the Federal Communications Commission to grant us an Experimental License for the operation of an airborne X Band GMTI Radar for the purpose of testing GMTI performance of a prototype radar. The period of time SRC will be requesting our Experimental License is from 5/1/2014 through 8/31/2014.

Operating Location

The X Band GMTI Radar will be operated on an aircraft 2500 meters above ground level within the 40 km (25 mi) radius of operation. The coordinates SRC will use for the center of operation are:

Location	Latitude	Longitude	Elevation (Above mean Sea Level)	Radius of Operation
Ft Irwin CA	35°18'20.78"N	116°37'48.31"W	740 m (2427 ft)	40 km (25 miles)