

FCC Application for Experimental License

File Number: 0393-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 6/1/2014 through 9/30/2014.

Operating Location

The X Band GMTI Radar will be operated on an aircraft 2 meters above ground level within the 20 km (12.4 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
Palmdale CA	34°37'24.45"N	118° 4'57.41"W	740 m (2522 ft)	20 km