

FCC Application for Experimental License

File Number: 0114-EX-PL-2015

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 2 years from 5/1/2015 through 5/1/2017.

Operating Location

The X Band GMTI Radar will be operated on an aircraft 2438 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
Liberty, MD	38° 8'4"N	77°21'34"W	2438 m (8000 ft)	20 km