

FCC Application for Experimental License

File Number: 0232-EX-CN-2017

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 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 6/1/2017 through 12/31/2018.

Operating Locations

The X Band GMTI Radar will be operated on at ground level. The coordinates SRC will use for the center of operation are:

Location	State	Latitude	Longitude	Radius of Operation
Camp Grayling	MI	44 37' 00" N	84 46' 21" W	20 km radius
Ft. McCoy	WI	44 00' 30" N	90 41' 20" W	20 km radius
Aberdeen Proving Grounds	MD	39 29' 00" N	76 09' 15" W	20 km radius
Yuma Proving Grounds	AZ	33 10' 30" N	114 13' 20" W	50 km radius
Ft. Benning	GA	32 21' 00" N	84 57' 20" W	20 km radius
Warren	MI	42 29' 30" N	83 02' 20" W	15 km radius