

FCC Application for Experimental License

File Number: 0231-EX-ST-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 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 7/1/2017 through 8/31/2017.

Operating Location

The X Band GMTI Radar will be operated on an aircraft between 3000 ft. and 12,000 ft. above mean sea level within the 92 km (50 NMi) 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
Off Coast of San Diego, CA	32°40'00"N	117°30'00"W	3000-12,000 ft.	92 km (50 NMi)