

FCC Application for Experimental License

File Number: File Number: 0647-EX-PL-2012

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 1/31/2013 through 1/31/2014.

Operating Location

The X Band GMTI Radar will be operated on an aircraft 1500 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
Logan, UT	41°44'8.91"N	111°51'36.16"W	1362.46 m (4470 ft)	40 km (25 miles)
Corner of North Lakeside Dr and Puddle Valley Rd, N of Grantsville, UT	40°59'12.46"N	112°59'10.75"W	1373.7 m (4507 ft)	40 km (25 miles)

Request for Expedited Processing

SRC respectfully requests the FCC to expedite the processing of our request to enable testing to start beginning the end of January to early February 2013 time frame.