

## FCC Application for Experimental License

File Number: 0396-EX-ST-2014

### Exhibit 1: Information on Experiment

SRC respectfully requests to the Federal Communications Commission to grant us an Experimental License for the operation of four *SRC Experimental Transmitters* for conducting propagation experiments for the period of 3 months.

#### Operating Parameters:

SRC Inc., will conduct propagation experiments using the SRC Experimental Transmitter within the following parameters:

Parameter	Metric
Number of Transmitters	Up to 4
Tunable Frequency Range	175 MHz - 225 MHz
Channel Bandwidth	12 MHz
Emission Designator	12M00M1D
Peak Transmit Power	50 Watts
Antenna Gain	2.0 dBi
EIRP	79.2 Watts

#### Operating Location

Each SRC Experimental Transmitter will be operated within the following constraints over the radius of operation with the antenna 2 m above ground level.

The coordinate center SRC will use is:

Location	Latitude	Longitude	Elevation (Above mean Sea Level)	Radius of Operation
SRC	43° 7'50"N	76° 5'24"W	121 m	3 km

#### Operating Schedule

SRC will operate the SRC Experimental Transmitter on the following schedule over the period of the Experimental License grant:

Parameter	Metric
Hours per day	Intermittently up to 8 hours per day
Days per week	5
Start date	6/1/2014
Stop date	8/31/2014