

FCC Application for Experimental License

File Number: 0034-EX-ML-2015

Exhibit 1: Requested Changes to Experimental License

SRC respectfully requests the Commission to modify our Experimental License WG2XLQ for the purpose of conducting RF signature experiments to the following parameters:

Parameter	Value
Frequency Range	400 MHz to 450 MHz
Power output	29 Watts
Emission designator	Unchanged

We are requesting the present frequency range be increased from 420-450 MHz to 400-450 MHz. We are also requesting that our power output be increased from 10 watts to 29 watts. The occupied bandwidth of our system will remain unchanged. All tests will be conducted over short distances. Our experiments will be conducted within our requested 1 km radius of operation which covers the SRC campus.

Experiments will utilize a directional antenna mounted on a fixed tripod at a height of 10ft above ground level.

Tests will be conducted intermittently during the hours of 8 AM to 5 PM weather permitting.