

Exhibit 1

1. Introduction

By the instant application (“Application”), Lutron Electronics Co., Inc. (“Lutron”) requests that the Commission grant special temporary authority (“STA”) to permit Lutron to operate the facilities (the “Facilities”) specified in the instant Application. STA is requested for a period of six (6) months.

2. Purpose of the Operation/Why an STA is Necessary

Lutron is an industry leader with respect to the design and manufacture of energy-saving lighting controls and dimmers, automated window treatments and appliance modules for both residential and commercial applications. Lutron products save energy, and the company estimates that the installed base of its products saves the nation nearly 10 billion kWh of electricity, or approximately \$1 billion in utility costs per year. Lutron manufactures more than 16,000 energy-saving products, sold in more than 100 countries around the world.

Operations under STA are anticipated for a period of six months in order to conduct an initial evaluation of product performance, and to gain a practical understanding of how building attenuation, shadowing, multipath cancellation, various diversity schemes, and distance impact packet error rate and overall product functionality. As Lutron develops products for international markets, it is necessary to operate these products to ensure they meet specifications, test software, and test system operation. These products are design to meet ETSI EN 300-220-1. They are essentially international versions of Lutron's Domestic 434MHz products certified to 15.231. They are all for the purpose of telecommand and are periodic operators with low duty cycle.

3. Mitigation of Interference

Lutron is well aware of the responsibility of licensees in the Experimental Radio Service to avoid interference to other licensed operations. To that end, the following is shown:

- At each location, operation will occur indoors in a commercial office building. These locations are in a rural area in the Lehigh Valley area of Pennsylvania, on Lutron's private property. These buildings are not accessible to members of the public, except upon the express permission of Lutron. As all experiments will be conducted indoors, we expect significant signal strength attenuation by the building structure resulting in a reduced likelihood of interference.
- Operation of the Facilities will not be continuous. Rather, operation of the Facilities will occur only from 7am-6pm local time, and will be intermittent in nature. In the off state, no measurable power will be radiated.

Based on the location of the experiment, the technical parameters of the operation, and the manner in which the experiment will be conducted, the potential for interference to co-channel or adjacent channel operations is substantially mitigated.

4. Stop Buzzer

Lutron's Don Mosebrook will be conducting the test and will be available by wireless telephone at 610-909-9349 if any issues regarding interference arise during testing. Alternate "stop buzzer": Rob Bollinger – (610-393-8106).