

Exhibit 1

By this application, Motorola, Inc., seeks special temporary authority ("STA"), commencing May 12, 2003, to test and demonstrate prototype equipment for digital television ("DTV") and public safety use. An STA is necessary pending FCC action on its related request for an experimental license submitted under File No. 0075-EX-PL-2003.

In support of this request, the following information is provided:

Applicant:

Motorola, Inc.
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Dates of Operation:

May 12 – November 12, 2003

Place of Operations:

Within 24 km of:

Redwood City, California
North Latitude 37 deg 29' 19"
West Longitude 122 deg 13' 04"
Datum: NAD27

Number of Units:

Not more than 5 base units and 15 mobile units

Technical Specifications:

Frequency: 54-72 MHz, 76-88 MHz, 174-216 MHz, 470-608, 614-806 MHz

Effective Radiated Power: Base Stations: 10 Watts Peak
Mobiles: 1 Watt Peak

Necessary Bandwidth: Not greater than 6 MHz

Modulation: Phase Modulation

Emissions: 130KD7W, 22K0F1D, 6M0G7F, 6M0F7F

Other emission modes may be utilized, but in no event will the emissions extend beyond the frequency bands requested. All power levels will comply with the limits set forth in the FCC's rules, including those relating to human exposure to radiation.

Antenna Information:

The antennas will not extend more than 30 meters above the ground or, if mounted on an existing building, will not extend more than 6 meters above the building. If the antennas are mounted on an existing structure other than a building, they will be installed in accordance with FAA and FCC rules and regulations.

Equipment To Be Used:

The radio equipment under investigation is relatively low power compared to other communications equipment. Therefore, each base station has a relatively small range. Motorola will need to use five different channels in the above-mentioned bands simultaneously. In some cases, it will need to use two different channels.

Motorola proposes to use not more than 5 base units and 15 mobile units. As required, Motorola would seek separate and specific authority if more units were needed to conduct a particular experiment.

Restrictions on Operation:

Motorola recognizes that the operation of any equipment under experimental authority must not cause harmful interference to authorized facilities. It therefore will coordinate its activities with any licensees in the proposed bands in accordance with FCC requirements. Should interference occur, Motorola will take immediate steps to resolve the interference, including if necessary arranging for the discontinuance of operation.

Motorola does not propose to market, sell, or lease any prototype equipment to end-users. After the experimentation ceases, Motorola would recall and recover all devices that are not in compliance with FCC regulations. If any different treatment becomes necessary during the course of its experimentation, Motorola will seek separate and additional authority from the agency.

In addition, Motorola will advise entities using the equipment that permission to operate has been granted under experimental authority issued to Motorola, that such operation is strictly temporary, and that the equipment may not cause harmful interference. Motorola proposes to label the equipment or associated written information as follows:

FCC STATEMENT

Permission to operate this device has been granted under experimental authority issued by the Federal Communications Commission to Motorola, Inc., is strictly temporary and may be cancelled at any time. Operation is subject to the condition that it not cause harmful interference. This device is not, and may not be, offered for sale or sold until the approval of the FCC has been obtained. Thus, the user does not hold a property right in the device and may be required to return the device.