

NARRATIVE STATEMENT

By this application, Motorola, Inc., respectfully requests special temporary authority ("STA"), beginning **October 1, 2005**, and extending through April 1, 2006, to test, evaluate and demonstrate prototype equipment operating in the band 947-960 MHz at temporary fixed locations in Horsham, Pennsylvania. The following information is provided in support of this request:

Purpose of Operation:

Motorola proposes to test and demonstrate prototype equipment before such equipment is certified or verified for unconditional sale and shipment. The company is continually developing new and innovative equipment and must test and demonstrate such equipment during various stages of design and evaluation to assess its functionality, acceptability, and interoperability prior to seeking FCC equipment authorization. Specifically, Motorola seeks to test the performance, capacity, signal quality, and data rates of such equipment. By evaluating products before obtaining FCC equipment approvals, Motorola is able to identify and make needed enhancements to ensure its products meet the communications needs of users.

Proposed Locations:

Motorola proposes to conduct its experimental activities at temporary fixed locations within a 32 km radius of its engineering facilities at 101 Tournament Drive, Horsham, Pennsylvania, at the following coordinates: North Latitude 40 deg 0' 25"; North Latitude 40 deg 0' 25" (Datum: NAD83). Tests would not be conducted at more than two (2) sites at any given time, however, under the authority requested in this application.

Technical Specifications:

Motorola expects that it will be able to complete its experimentation and demonstration with one (1) base unit per site. Thus, given that it does not propose to conduct tests at more than two sites at any given time, as noted above, two (2) base units would be the maximum number of base units that would be operated at any given time under the authority requested in this application (*i.e.*, one base unit each at two sites). If necessary, Motorola will seek separate and specific authority if more units were needed to conduct a particular experiment.

All operations will comply with the bandwidth, power, modulation techniques, and emission requirements associated with the band, as detailed in its accompanying application. Nevertheless, Motorola will limit the power and transmitting times to the minimum necessary to evaluate the equipment, and the power levels will at all times comply with the limits set forth in the FCC's rules relating to human exposure to radiation. Moreover, other modulation techniques and emissions may be utilized, but in no event will the emissions extend beyond the frequency bands requested.

The antennas will not extend more than six (6) meters above the ground and will be installed in accordance with FAA and FCC rules and regulations. To the extent required, Motorola requests a waiver of the station identification requirements set forth in Section 5.115 of the Commission's rules, 47 C.F.R. § 5.115 (2004).

Interference Protection:

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 and, when necessary, the Society of Broadcast Engineers. Should interference occur, Motorola will take immediate steps to resolve the interference, including if necessary arranging for the discontinuance of operation.

In any event, Motorola submits that its experimental operations are unlikely to cause interference. As indicated above, Motorola proposes to limit the power and transmitting times to the minimum necessary to evaluate the equipment. In most cases, it expects that it will be able to conduct its tests with a single base unit operating at a power level below 50 milliWatts. Moreover, the tests will generally be conducted indoors within industrial or commercial buildings.

Restrictions on Operation

Motorola does not propose to market, sell, or lease prototype equipment to end users in conjunction with this test. Moreover, no fees will be charged to entities using the equipment during this test. After the experimentation ceases, Motorola will recall and recover all devices that do not comply 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.

Public Interest Statement:

Motorola submits that issuance of a license is in the public interest, convenience, and necessity. Grant of a license will permit Motorola to develop innovative equipment that will accommodate the communications needs of users.

Contact Information:

Should you have any questions regarding this exhibit or the underlying application, please contact the following persons:

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