

EXHIBIT A

NARRATIVE STATEMENT

Pursuant to Section 5.3(d) and (f) and Section 5.61 of the Commission's rules, 47 C.F.R. §§ 5.3(d), (f), 5.61 (2009), Motorola, Inc., hereby respectfully requests special temporary authority ("STA") from **November 5, 2010 through November 12, 2020**, to operate in the 758-768/788-798 MHz band for the purpose of demonstrating prototype broadband Long-Term Evolution ("LTE") devices at the Motorola Data User's Group conference to be held in Las Vegas, Nevada.

Motorola has requested a letter of concurrence from the Public Safety Spectrum Trust ("PSST") for the proposed operation on its portion of the spectrum, and will provide the PSST's response once it is received.

A request for expedited treatment is being filed concurrently with this request under a separate exhibit.

A. Purpose of Operation and Need for STA:

Motorola is a leading manufacturer of mobile radio equipment for the public safety and homeland security community and is continually engaged in the design and development of new and innovative communications equipment. The experimental authority requested herein will allow the company to demonstrate the functionality of prototype devices designed to support the needs of the public safety and homeland security community.

Specifically, Motorola proposes to conduct demonstrations of prototype equipment at the Motorola Data Users Group (MDUG) conference to be held November 7-10, 2010, at the Red Rock Casino Resort in Las Vegas, NV. To accommodate set-up requirements as well as to ensure all operations up to demo tear-down are covered by Commission authorization, Motorola respectfully requests that the FCC grant the STA for the period November 5 through November 12, 2010.

Grant of an STA will allow Motorola to demonstrate prototype equipment and obtain additional feedback during MDUG so that it may enhance the company's efforts to design, develop and improve its equipment to meet the communications needs of potential users.

B. Location of Proposed Operation:

Motorola proposes to conduct its demonstrations using a single fixed base station transmitter antenna located inside the Red Rock Casino Resort communicating with portable units operating within a radius of 150 meters from the fixed base station. The address and approximate coordinates of the Red Rock facility are

Red Rock Casino Resort
11011 W. Charleston
Las Vegas (Clark County), Nevada

36° 09' 22" North Latitude
115° 19' 55" West Longitude
Datum: NAD83

C. Technical Specifications:

1. Frequencies Desired

Motorola requests authorization to operate in the band 758-768/788-798 MHz. This band encompasses both the 758-763/788-793 MHz band known as the upper 700 MHz D block, which has not yet been licensed for regular operation, and the 763-768/793-798 MHz public safety block licensed on a nationwide basis to the Public Safety Spectrum Trust ("PSST").

2. Effective Radiated Power

All power levels will comply with the limits set forth in the FCC's rules, including those relating to human exposure to radiation.

The portable units to be deployed are configured to operate at a maximum average power level of 250 mW effective radiated power ("ERP") and a maximum peak power level of 2.5 Watts ERP. The base station will be configured to operate at a maximum average power level of 400 mW ERP and a maximum peak power level of 10 Watts ERP.

Motorola will reduce the actual powers to the minimum power needed for successful operation, based on set-up and testing at the Red Rock facility demonstration site.

In addition, Motorola will evaluate environmental considerations to ensure compliance with Section 1.1306 of the FCC's rules, 47 C.F.R. § 1.1306 (2009), and, in particular, the human exposure requirements set forth in FCC OET Bulletin No. 65.

3. Modulation and Emissions

Motorola proposes to operate using OFDM modulation. The primary emission designators are 5M0G7D, 5M0W7W, 5M0G2D, 5M0D7D, 10M0G7D, 10M0W7W, 10M0G2D, and 10M0D7D. Other emission modes may be utilized, but in no event will the emissions extend beyond the frequency bands requested.

4. Antenna Information

The fixed base station transmitter antenna will be located inside the Red Rock demonstration facility at a height no greater than 20 feet above the floor. The portable antennas will not, under any circumstances, extend more than 6 meters above ground. No antennas will be mounted in a fashion that will require approval under FAA and FCC rules and regulations.

5. Equipment To Be Used

Motorola expects that it will be able to conduct its demonstration with a single base unit and up to five mobile/portable units. Moreover, Motorola will limit the power, area of operation, and transmitting times to the minimum necessary to evaluate the equipment.

D. Protection Against Causing Interference:

As noted above, Motorola has requested authority to operate in the 758-768/788-798 MHz band. This band encompasses both the 758-763/788-793 MHz band known as the upper 700 MHz D block, which has not yet been licensed for regular operation, and the 763-768/793-798 MHz public safety block licensed on a nationwide basis to the Public Safety Spectrum Trust ("PSST"). A letter of concurrence from the PSST is attached for the requested operation on its portion of the spectrum. No concurrence is necessary or possible on the D block portion because there is no regular licensee of that spectrum.

Motorola also searched the Commission's TV database to determine what if any licensed Low Power TV stations are in the area. The closest licensed LPTV station is K67HO, licensed to Smoke and Mirrors, LLC, on channel 67 (788-794 MHz) in Laughlin, Nevada, approximately 70 miles from the Red Rock Casino facility. That station's 74 dBu coverage contour extends approximately 10 miles from the transmitter site. Therefore, a 60 mile buffer exists between Motorola's proposed transmitter site and the closest possible receiver within the coverage contour of Station K67HO. The next closest licensed LPTV station is K63HJ, licensed to 9th Island Broadcasting, Inc, on channel 63 (758-764 MHz) in Laughlin, Nevada, approximately 78 miles from the Red Rock Casino. That station's 74 dBu coverage contour extends approximately 5 miles from the transmitter site. Therefore, a 73 mile buffer exists between Motorola's proposed transmitter site and the closest possible receiver within the coverage contour of Station K63HJ.

Motorola also conducted a search of the Commission's Universal Licensing System ("ULS") database, and it found no active public safety licenses authorizing operation in the Las Vegas area on frequencies which are co-channel to those proposed in this STA request. Although the Las Vegas Police Department holds licenses in the 700 MHz band, it is authorized to operate within the 769-775/799-805 MHz narrowband 700 MHz spectrum block, *i.e.*, outside of the spectrum requested in this STA request. Similarly, the State of Nevada holds a license for the designated state channels within the 769-775/799-805 MHz narrowband 700 MHz spectrum block, but these channels, too, are outside the spectrum Motorola has requested in this application. Moreover, the State of Nevada is not listed as a licensee operating under the previous bandplan, so its operations must conform to the current 700 MHz bandplan and, therefore, should not be affected by Motorola's proposed operation.

Furthermore, as noted above, the length of the demonstration period is short, extending only from November 5 through November 12, 2010

E. Restrictions on Operation:

Motorola is not seeking authority to perform a market study under this STA. Moreover, no fees will be charged to entities using the equipment during this test. After the test is completed, Motorola will recall and recover all devices that do not comply with FCC regulations.

Motorola also recognizes that the operation of any equipment under experimental authority must not cause harmful interference to authorized facilities. Should interference occur, Motorola will take immediate steps to resolve the interference, including if necessary arranging for the discontinuance of operation.

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. Entities will also be advised in accordance with Section 2.803 of the Commission's rules, 47 C.F.R. §2.803 (2009), that any unapproved devices have not been authorized as required by the rules of the FCC and are not being offered for sale or lease, or sold or leased, until authorization is obtained.

F. Public Interest:

Motorola submits that issuance of an STA as requested is in the public interest, convenience, and necessity. Grant of an STA will help Motorola to develop innovative equipment that will accommodate the communications needs of the public safety community.

G. Contact Information:

For questions about this application, please contact:

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In the unlikely event interference concerns should arise during the period of authorization for this STA, please contact:

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