

Motorola Solutions, Inc.
Request for Modification of Experimental License
Call Sign KQ2XIT
ELS File No. 0248-EX-CM-2020

NARRATIVE STATEMENT

Pursuant to Section 5.3(j) and Section 5.54(a)(1) of the Federal Communications Commission ("FCC") rules, 47 C.F.R. §§ 5.3(j); 5.54(a)(1) (2019), Motorola Solutions, Inc., hereby respectfully requests a modification to its experimental radio license issued under call sign KQ2XIT to add the ability to operate on five (5) additional 800 MHz channel pairs at Station Location No. 1 in Fort Lauderdale, Florida. No other changes are requested to that location or to the other locations on the license.

Specifically, Motorola Solutions seeks to add the channel pairs listed below, which it has coordinated to use with existing licensees in the area:

806.0500/851.0500 MHz
806.1125/851.1125 MHz
806.1375/851.1375 MHz
806.1625/851.1625 MHz
806.1875/851.1875 MHz

Fixed base stations will operate with a peak power of 135 Watts effective radiated power ("ERP") and mobile stations with 35 Watts ERP. The emission characteristics are specified in the accompanying application.

Motorola Solutions submits that modification of its license as requested is in the public interest, convenience, and necessity. Motorola Solutions 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 modification requested herein will allow the company to demonstrate the functionality of prototype devices designed to support the needs of the utility, private business, transportation, and related business interests.