

From: KURT DESOTO

To: Behnam Ghaffari

Date: September 13, 2013

Subject: FCC File No. 0288-EX-RR-2013

Message:

Mr. Ghaffari,

This is to respond to the inquiry copied below regarding the application for renewal of call sign WB2XCJ submitted by Motorola Solutions, Inc., under ELS File No. 0288-EX-RR-2013.

Specifically, the answers are provided below your questions copied below.

1) Will Motorola Solutions Inc. need all the frequency bands listed on the license?

Yes, with one exception discussed below. Motorola Solutions is a leading manufacturer of radio-frequency devices sold in the United States and overseas. It maintains its position in the industry by continually developing new products in response to evolving technologies and consumer demand. For example, Motorola is designing a new generation of transmitters and transceivers that will operate in the bands allocated for use in, among others: the Paging and Radiotelephone Service, Cellular radio service, Personal Communications Service ("PCS"), microwave services, Specialized Mobile Radio ("SMR") service, Broadband Radio Service/Educational Broadband Service ("BRS/EBS," formerly the Multichannel Multipoint Distribution Service/Instructional Television Fixed Service or "MMDS/ITFS"). Such devices are generally subject to the FCC's equipment authorization procedures before they may be marketed (i.e., pursuant to the certification requirements set forth in Section 2.1033 of the agency's rules, 47 C.F.R. § 2.1033 et seq. (2012)). They are also subject to the FCC's licensing requirements before they may be operated (e.g., under Parts 22, 24, 27, 90 and 101 of the FCC's rules). Moreover, prototypes of these devices generally may not be tested or operated without a regular or experimental license. See id. at § 2.803.

Thus, Motorola Solutions respectfully requests that all the frequency bands in its license be retained upon renewal, with the exception of the 5150-5250 MHz band, discussed below.

2) Has there been any testing/demo during previous authorization? There are no notifications submitted by MSI to indicate that there were any activities during previous period (Sep 1, 2011 to Sep 1, 2013).

Motorola Solutions has conducted a number of tests and demonstrations during the term of this license, but obtained separate authorizations for those activities. For example, it has been heavily involved in testing and evaluating devices designed for use in the 700 MHz band, which is not covered by this license. Motorola Solutions also recently completed a corporate restructuring which changed the scheduling and types of experimental tests it conducted. Accordingly, it was not required to file any notifications in connection with this authorization during the last license term.

Motorola Solutions expects, however, to conduct tests and demonstrations under the license during the course of the renewed license term. Such tests could occur in any or all of the frequency bands listed on the license (with one exception, discussed below), so it respectfully requests a renewal of its license on these bands. As described in the narratives submitted with the underlying applications associated with this license, such action would afford Motorola Solutions needed flexibility to continue to develop new products in response to evolving technologies and consumer demand.

3) The following freq band 5150-5250 MHz is allocated to Aeronautical Radionavigation. At this power

level (ERP=10W), do MSI still need to operate in this band?

Motorola Solutions has reviewed the frequency bands listed on its license and, as discussed above, expects to conduct tests and demonstrations during the course of the renewed license term in any or all of those bands, with one exception: the 5150-5250 MHz band. Accordingly, the Commission may delete that band from its application for renewal.

Please let me know if you need further information have any additional questions.

Respectfully submitted,

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