December 17, 2012   **Regulatory Engineering**

Federal Communications Commission
Office of Engineering and Technology
Equipment Authorization Division
7345 Oakland Mills Road
Columbia MD 21046

Subject: Expedited Review, FCC ID: UZ7MB82

To the Commission:

   We, the undersigned, Motorola Solutions, Inc., request a Class II Permissive Change to add ten antennas to
FCC ID: UZ7MB82. We declare that there are no changes to the radio or firmware.   There were six antennas in
the original submission; the lowest gain antenna was 3dBi. We are adding ten additional antennas in this Class
II Permissive Change, the lowest gain antenna is 2dBi. Sporton has verified the continuing compliance for RF
and DFS compliance (Sporton Project No.: 282211-01).

Previously Granted DFS Devices	New Application
Technology: (i.e.; 802.11x, frame based, MIMO, smart antenna, etc.) Answer: 802.11abgn MIMO AP with six set external antennas.	No Changes
Bandwidth information and differences Answer: 20MHz & 40MHz	No Changes
Antenna information and differences for the minimum gain antennas: Answer: There are six antennas, and the lowest gain is 3dBi.	There are ten additional antennas, and the lowest gain is 2dBi.
Differences in DFS functioning, circuitry, software, etc Answer: It supports both Master mode and Slave mode, and the circuitry was not changed. The DFS hardware/software is 4.1.0.0-005X/5.0.0.0-005SR.	No Changes
Differences between the products such as TX power, modulation, receivers, processing circuitry, etc. Answer: It supports both 1TX/3RX and 2TX/3RX functions. Modulation: DSSS and OFDM	No Changes
Names of the test labs for the various Grants Answer: Sporton International, In. performed all RF and DFS tests in Master mode: slave mode was tested by Elliott Laboratories.	No Changes

If you have any questions regarding the authorization, please don't hesitate to contact me.

Respectfully,

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