



Date: 2/19/2013

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

Subject: Class II Permissive Change FCC ID: UZ7AP7131 / Grant Date: 09/17/2008, Attestations and Requests

To the Commission:

Pursuant to CFR 2.1043, Motorola Solutions, Inc. hereby requests a Class II Permissive Change. The model name remains MODEL: AP-7131-MB82.

Modification:

Increase 4 antennas, the antenna information as following table:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	
					2.4GHz	5GHz
8	MOTOROLA	ML-2499-FHPA9-01R	Dipole Antenna	N-Male	10.5	-
9	MOTOROLA	ML-2499-BPNA3-01R	Panel Antenna	N-Type Female	15.5	-
10	MOTOROLA	ML-2452-PTA3M3-036	Patch Antenna	RP-SMA-Male	4.92	8.97
11	MOTOROLA	ML-5299-FHPA6-01R	Omni Antenna	N male	-	8.25

Ant.	Loss of External Cable (dB)		True Gain (dBi)		Remark
	2.4GHz	5GHz	2.4GHz	5GHz	
8	0.3	-	10.2	-	TX, RX
9	0.3	-	15.2	-	TX, RX
10	0.92	1.97	4	7	TX, RX
11	-	0.68	-	7.57	TX, RX

The model name shall be same as before. There is no change in hardware or in existing RF relevant portion.



Regulatory Engineering

Motorola Solutions, Inc., hereby I certify that submitted documents properly describe the device or system for which equipment certification is sought. I also certify that each unit manufactured, imported or marketed, as defined in FCC's regulations will have affixed to it a label identical to that submitted for approval with this application.

In Addition, Motorola Solutions, Inc., also acknowledges that all responsibility for complying with the terms and conditions for Certification, still resides with Motorola Solutions, Inc., One Motorola Plaza Holtsville, NY 11742 USA.

Motorola Solutions, Inc., hereby have entrusted the person Leo Huang of Sporton International Inc. to be a proxy regarding application for Type Certification. We are therefore responsible for the contents of the application (Model No.: AP-7131-MB82).

The above materials contain trade secrets and proprietary information not customarily released to the public. The public disclosure of these matters might be harmful to the Applicant and provide unjustified benefits to its competitors.

In Addition, Motorola Solutions, Inc., attest that this device does support "TPC" Transmit Power Control in the 5 GHz UNII bands.

In Addition, Motorola Solutions, Inc., the software and associated drivers to support TPC are built into the device firmware, with no mechanism to disable or turn off TPC.

In Addition, Motorola Solutions, Inc., attest that this device does not support access, by any party (End User or Professional Installer), to disable DFS. There are no controls or selections in the product firmware that can turn off/disable DFS.

In Addition, Motorola Solutions, Inc., will ensure that our MODEL: AP-7131-MB82 under FCC ID: UZ7AP7131 submitted by means of this application, will be continuously produced in compliance with FCC regulations. In relation to this, we accept all consequences of market surveillance performed by FCC or acting Certification Body as specified in the FCC's regulations.

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

Respectfully,

A handwritten signature in blue ink that reads "Mark S. Luksich".

Mark S. Luksich DMTS, Regulatory Engineering

631-738-5134

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