



11 March 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: UZ7AP0622 / Grant Date: 3/14/2012 for NII (Non-DFS band), Grant Date: 3/15/2012 for DTS, Grant Date: 06/29/2012 for NII (Master DFS band), Grant Date: 09/05/2012 for NII (Slave DFS), 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-0622.

Modifications:

Change the housing of EUT.

Add 2 embedded antennas, the antenna information as following table:

Ant.	Model Name	Antenna Type	Chip/Radio	Gain (dBi)	
				2.4GHz	5GHz
1	120G00000038A	Embedded	Radio1-CH1	7.07	-
	120G00000038A	Embedded	Radio1-CH2	6.27	-
2	120G00000037A	Embedded	Radio2-CH1	5.72	7.15
	120G00000037A	Embedded	Radio2-CH2	6.84	6.34

Add 6 dipole antennas, the antenna information as following table:

Ant.	Model Name	Antenna Type	Chip/Radio	Gain (dBi)	
				2.4GHz	5GHz
1	ML-2499-HPA8-01	Dipole	Radio1/2-CH1/2	8	-
2	ML-2499-HPA4-01	Dipole	Radio1/2-CH1/2	4	-
3	RAN4054A	Dipole	Radio1/2-CH1/2	8	-
4	ML-5299-HPA5-01	Dipole	Radio1/2-CH1/2	-	5



Ant.	Model Name	Antenna Type	Chip/Radio	Gain (dBi)	
				2.4GHz	5GHz
5	ML-5299-FHPA6-01	Dipole	Radio1/2-CH1/2	-	8
6	ML-2452-HPAG5A8-01	Dipole	Radio1/2-CH1/2	7.5	8.0

Change EUT from indoor use device to outdoor use device.

The 5260MHz and 5270MHz are restricted in 20dB bandwidth. Therefore, it verified 5280MHz and 5310MHz to instead of it.

The Power Supply is not utilized with the outdoor variant only the PoE as listed in the original report.

The model remains the same MODEL: AP-0622.

There is no change in hardware or in existing RF relevant portion.

In Addition, Motorola Solutions, Inc hereby 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, we also acknowledges that all responsibility for complying with the terms and conditions for Certification, still resides with Motorola.

In Addition, 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-0622).

In Addition, Motorola Solutions, Inc., pursuant to Sections 0.457 and 0.459 of the Commission’s Rules, the Applicant Hereby requests confidential treatment of information accompanying this Application for Listing as outlined below:

Operational Descriptions

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 as the grantee of this project FCC ID: UZ7AP0622, would like to declare that the composite portion categorized as computer peripheral has been authorized under the



Declaration of Conformity procedures (Sproton report No.: FD192220-09, FCC Test Firm Registration No.: 187376).

In Addition, Motorola Solutions, Inc will ensure that our MODEL: AP-0622 under FCC ID: UZ7AP0622 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 cursive script that reads "Mark S. Luksich".

Mark S. Luksich

DMTS, Regulatory

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