

Date: June 24, 2014

Office of Engineering and Technology  
Laboratory Division  
Equipment Authorization Branch  
Federal Communications Commission Laboratory  
7435 Oakland Mills Road  
Columbia, MD 21046

**Subject:** Application for Certification of Transmitter with FCC ID: **AZ489FT4892**

Dear Sir or Madam:

Motorola Solutions Inc (8000 West Sunrise Boulevard, Fort Lauderdale, Florida) herein submits application for Class 2 Permissive Change of the subject transmitter:

Frequency	Rated Power	FCC Rule Parts
380-470 MHz	0.25 – 5.0 W	90
2402-2480 MHz	5 mW	15C

## A. Description of changes:

- To add FCC rule part 22 UHF frequency range.
- To include the FCC rule part 90 UHF frequency range 456-462.5375 MHz and 462.7375-467.5375 MHz to the grant for this device. The original filing of this device is capable of operating at the frequency range 380-470MHz, these frequency ranges were missed from the previous grant certification application.
- To replace the Power Amplifier. The new PA component is pin-for-pin compatible. It has the same basic function as the old component. No change in radio parameters has occurred. There were no changes in the PCB layout, only the value of some passive components in the PA matching network (within same area) were changed to make sure the new device exhibit same electrical performance as previous granted device.

## B. Performance different:

- There is no degradation in the RF exposure due to the above change.

## C. Conclusion:

- This transmitter continues to meet FCC requirements for which authorization was granted.

Please contact me if you require any additional information.

Sincerely,



Kim Uong

Regulatory Compliance Engineer  
Motorola Solutions Inc.  
8000 West Sunrise Blvd.  
Fort Lauderdale, FL33322  
Tel: (954) 723-5422  
E-mail: [Kim.Uong@motorolasolutions.com](mailto:Kim.Uong@motorolasolutions.com)