

Date: November 9, 2016

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: **AZ492FT7089**

A certification application is requested of the subject transmitter.

This transmitter is intended for use in a Mobile Radio environment with capabilities for clear and coded communications with a variable transmit power operating within the following frequency ranges:

| Frequency       | Rated Power  | FCC Rule Parts                 |
|-----------------|--------------|--------------------------------|
| 136 -174 MHz    | 1.0 – 50.0 W | 90, 22, 74, 80, 2.1033, 2.1053 |
| 380 – 485 MHz   | 1.0 – 45.0 W | 90, 22, 74, 80, 2.1033, 2.1053 |
| 485 – 520 MHz   | 1.0 – 40.0 W | 90, 22, 74, 80, 2.1033, 2.1053 |
| 764 – 806 MHz   | 1.0 – 30.0 W | 90, 2.1033, 2.1053             |
| 806 – 825 MHz   | 1.0 – 35.0 W | 90, 2.1033, 2.1053             |
| 825 – 870 MHz   | 1.0 – 35.0 W | 90, 2.1033, 2.1053             |
| 2402-2480 MHz   | 9 mW         | 15C                            |
| 2402 – 2480 MHz | 2 mW         | 15C                            |
| 2412 - 2462 MHz | 40 mW        | 15C                            |

We are requesting certification under Part(s) of the Commission's Rules listed above to allow operation of this equipment.

The subject transmitter complies with Section 90.203, 80.203(b) of the Rules in that the operator cannot directly program transmit frequencies using the unit's normally accessible external controls. The transmitter also complies to 80.203(n) as it meets all performance requirements listed in IEC62238. This product in the 470-512MHz will be utilizing the T-band waiver allocation. The waiver is included in this filing and noted as Exhibit 13d.

Enclosed is a complete Certification Application. Please contact me if you require any additional information.

Sincerely,



Deanna Zakharia  
Regulatory Compliance Manager  
E-mail: [Deanna.zakharia@motorolasolutions.com](mailto:Deanna.zakharia@motorolasolutions.com)