

January 24, 2013

To: Elite Electronic Engineering  
Re: Class II Permissive Change for ABZ89FC4825, UHF Range 2 MTR3000 Base Radio Transmitter  
Addition of FCC Rule Part 22

This memo is in regards to Motorola Solutions type approved transmitter, equipment type ABZ89FC4825, originally approved December 9, 2009. It was updated with additional emission designators on September 8, 2011.

A copy of the current FCC grant is included.

Motorola Solutions requests to have FCC rule part 22 added onto the grant. Since the technical requirements in part 22 are similar or less stringent than those in part 90, no emissions data or occupied bandwidth information is included with this request. Please refer to information on file, as needed.

No schematic, active device, or circuitry changes have been made to the equipment. This proposed change maintains the existing specifications of the equipment. The equipment will be completely compatible and interchangeable with the existing equipment currently shipped under equipment type ABZ89FC4825. The form, fit, and function of the base radio is identical to the equipment that is currently in production.

Please contact me if you need further information or have any issues or questions.

Regards,



Ken Weiss  
Motorola Solutions

TCB

GRANT OF EQUIPMENT  
AUTHORIZATION

TCB

## Certification

Issued Under the Authority of the  
Federal Communications Commission  
By:Elite Electronic Engineering, Inc.  
1516 Centre Circle  
Downers Grove, IL 60515

Date of Grant: 09/08/2011

Application Dated: 09/08/2011

**Motorola Solutions, Inc.**  
**1301 East Algonquin Road**  
**Schaumburg, IL 60196**

**Attention: Ken Weiss , Senior Staff Engineer**

**NOT TRANSFERABLE**

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE,  
 and is VALID ONLY for the equipment identified hereon for use under the  
 Commission's Rules and Regulations listed below.

**FCC IDENTIFIER: ABZ89FC4825**

**Name of Grantee: Motorola Solutions, Inc.**

**Equipment Class: Licensed Non-Broadcast Station**

**Transmitter****Notes:****Non Broadcast Transmitter**

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
BC	90	470.0 - 512.0	100.0	1.5 PM	16K0F3E
BC	90	470.0 - 512.0	100.0	1.5 PM	11K0F3E
BC	90	470.0 - 512.0	100.0	1.5 PM	7K60FXE
BC	90	470.0 - 512.0	100.0	1.5 PM	7K60FXD
BC	90	470.0 - 512.0	100.0	1.5 PM	7K60F7E
BC	90	470.0 - 512.0	100.0	1.5 PM	7K60F7D
BC	90	470.0 - 512.0	100.0	1.5 PM	7K60F7W

Power listed is conducted. The antenna(s) used for this transmitter must be fixed-mounted on outdoor permanent structures. RF exposure compliance is addressed at the time of licensing, as required by the responsible FCC Bureau(s), including antenna co-location requirements of 1.1307(b)(3). Permissive change to add TDMA emission designators.

BC: The output power is continuously variable from the value listed in this entry to 5%-10% of the value listed.