

April 25, 2013

To: Elite Electronic Engineering  
Re: Class II Permissive Change for ABZ89FC3797, VHF Low Power Digital Upgrade Kit Radio Transmitter  
Addition of FCC Rule Part 22

This memo is in regards to Motorola Solutions type approved transmitter, equipment type ABZ89FC3797, originally approved December 8, 2010. It was updated with additional emission designators on October 17, 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.

Per current FCC rules, the 16K0F3E emission designator has been removed from the application for Rule Part 90.

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 ABZ89FC3797. 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: 10/17/2011  
 Application Dated: 10/17/2011

**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:** ABZ89FC3797  
**Name of Grantee:** Motorola Solutions, Inc.  
**Equipment Class:** Licensed Non-Broadcast Station Transmitter  
**Notes:** Non-Broadcast Transmitter

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
BC EF	74, 80, 90	136.0 - 174.0	40.0	2.5 PM	16K0F3E
BC EF	74, 80, 90	136.0 - 174.0	40.0	2.5 PM	11K0F3E
BC EF	74, 80, 90	136.0 - 174.0	40.0	2.5 PM	7K60FXE
BC EF	74, 80, 90	136.0 - 174.0	40.0	2.5 PM	7K60FXD
BC EF	74, 80, 90	136.0 - 174.0	40.0	2.5 PM	7K60F7E
BC EF	74, 80, 90	136.0 - 174.0	40.0	2.5 PM	7K60F7D
BC EF	74, 80, 90	136.0 - 174.0	40.0	2.5 PM	7K60F7W

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). Class 2 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.

EF: This device may contain functions that are not operational in U.S Territories except as noted in the filing. This grant has extended frequencies as noted in the filing and Section 2.927(b) applies to this authorization.