

**APPLICANT: MOTOROLA**

**EQUIPMENT TYPE: ABZ89FC5821**

October 20, 2011

To: Elite Electronic Engineering  
Re: Class II Permissive Change for ABZ89FC5821 for Additional Emission Designators  
800 MHz Digital Upgrade Kit MTR2003 Base Radio Transmitter

This memo is in regards to Motorola Solutions type approved transmitter, equipment type ABZ89FC5821, originally approved September 15, 2010.

A copy of the current FCC grant is included.

There are currently four unique emission designators shown on the grant. Two of these, 7K60FXD and 7K60FXE are for TDMA digital emissions. Per this action, the change requested is to add three additional digital TDMA emission designators (for both part 90 and part 24D operation):

**7K60F7D** Frequency modulation; Two channels containing quantized information; Data / Telecommand

**7K60F7E** Frequency modulation; Two channels containing quantized information; Telephony

**7K60F7W** Frequency modulation; Two channels containing quantized information; Combination of Telephony and Data / Telecommand

Motorola Solutions respectfully requests to have each of these emission designators shown on the grant in addition to the existing 7K60FXE and 7K60FXD. Since the occupied bandwidth data on file to show compliance for 7K60FXE and 7K60FXD was generated with randomized data, the plot for each of the new designators appears the same spectrally. Therefore there is no additional occupied bandwidth data included with this request. The occupied bandwidth exhibit shown is simply annotated with the additional emission designators.

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 ABZ89FC5821. The form, fit, and function of the base radio is identical to the equipment that is currently in production.

All exhibits in the filing package are considered current and valid. The following exhibits are included as supplemental and to replace the exhibits currently on record:

Exhibit E1-4 Occupied Bandwidth Description – (12.5 kHz channels only)

Exhibit E1-4.7 Occupied Bandwidth Plot - TDMA with Digitized Voice / Data, 12.5 kHz Channels

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

Regards,



Ken Weiss  
Motorola Solutions

**COVER SHEET**  
**(Permissive Change)**