

September 14, 2010

To: Elite Electronic Engineering  
Re: Class II Permissive Change for ABZ89FC4819 for Analog Emission Designators  
UHF Range 2 GTR8000 Base Radio Transmitter

This memo is in regards to a Motorola type approved transmitter, equipment type ABZ89FC4819. ABZ89FC4819 was originally granted FCC type approval on October 30, 2006 and most recently updated to include additional digital emission designators in July of 2008.

A copy of the current grant is included on the following page.

Per this action, the change requested is to add one additional P25 TDMA digital emission designator and to include analog voice emission designators for both 12.5 kHz and 25 kHz operation. For analog operation, frequency response and modulation limit exhibits are included in this change package.

Occupied bandwidth data is included in this package to show compliance for the added emission designators, as follows:

9K80D7W for H-DQPSK P25 Two Slot TDMA Digital Modulation

16K0F3E for 25 kHz Analog Voice Modulation

11K0F3E for 12.5 kHz Analog Voice Modulation

For analog modulation, a "Supplemental Audio Card", or SAC, is added to the transceiver module. The SAC contains the audio circuitry. A schematic and photos of the SAC are included in this package. This proposed change maintains the existing specifications of the equipment. Other than analog capability, the equipment will be completely compatible and interchangeable with the existing equipment currently shipped under equipment type ABZ89FC4819, and the form, fit, and function of the base radio is identical to the equipment that is currently in production.

For the filing package currently on record with the FCC, all exhibits are considered current and valid. The exhibits shown in the 'List of Exhibits' herein are supplemental to the information currently on record.

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



Ken Weiss  
Motorola