

February 5, 2015

 Office of Engineering and Technology
 Laboratory Division
 Equipment Authorization Branch
 Federal Communications Commission Laboratory
 7435 Oakland Mills Road
 Columbia, MD 21046

Subject: Extended Frequencies Justification for class 2 Permissive Change of Transmitter with FCC ID: **AZ489FT5859**.

Dear Sir or Madam:

This Portable 2-Way radio was designed to operate in the frequency band 764-776MHz, 793-806MHz, 806-824MHz, and 851-870MHz. To aid equipment authorization in other countries that accept the United States FCC Grant for Certification, Motorola is requesting that the FCC list the frequencies 764-776MHz, 793-806MHz, 806-824MHz, and 851-870MHz under FCC Rule Part 90 on the Grant.

For the FCC's Rule Part 90 applications, this radio is used in systems by Federal and Public Safety agencies including Police, Fire, and Emergency Medical Services, etc. as indicated in the table below. Equipment programming is the responsibility of Authorized Service Personnel. Also, the radio complies with 47 CFR Part 90.203(e), in that the operator cannot directly program the transmit frequencies using the normally accessible external controls.

Per the FCC's KDB634817 guidance, as an alternative to listing the exact frequencies, we acknowledge that it's a violation of the FCC Rules if this device operates on unauthorized frequencies.

| Frequency Range (MHz) | Part 90 | Emission Designator |
|-----------------------|---------|---|
| 764-768 | | 8K10F1D/F1E/F1W, 11K0F3E, 16K0F3E, 20K0F1E |
| 768-769* | | |
| 769-775 | x | |
| 775-776* | | |
| 793-798 | | |
| 798-799* | | |
| 799-805 | x | |
| 805-806* | | |
| 806-824 | x | |
| 851-869 | x | |
| 869-870 | | |

*Canada

Sincerely,



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