



**MOTOROLA**

FCC ID: AZ489FT4893

25<sup>th</sup> March 2010

Authorization & Evaluation Division  
Federal Communications Commission Laboratory  
7435 Oakland Mills Road  
Columbia, MD 21046

Subject: Extended Frequencies Justification.

Gentlemen:

The APX7000 Portable 2-Way VHF/UHF Range 2 radio was designed to operate in the frequency bands 136-174 and 450-520 MHz.

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 136-174 MHz and 450-520 MHz under FCC Rule Parts 80 and 90 on the FCC Grant.

For the FCC's Rule Parts 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. In addition, 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	Part 80	Feds	Grant Notes	Emission Designators Rule Part 80 and 90
136-150.8*			x	EF, BE	11/16K0F3E, 8K10F1D/F1E/F1W and 20K0F1E
150.8-161.6250	x	x		EF, BE	****
161.6250-161.7750*				EF, BE	****
161.7750-173.4	x		x	EF, BE	****
173.4-174			x	EF, BE	****
380-406			x	EF, BE	****
406.1-454	x			EF, BE	****
454-456*				EF, BE	****
467.7375-470	x			EF, BE	****
470-512	x			EF, BE	****
512-520			x	EF, BE	****

\*Canada

Sincerely,  
*/s/ Mike Ramnath (signed)*  
Mike Ramnath  
Manager, Regulatory Compliance  
Email: [Mike.Ramnath@motorola.com](mailto:Mike.Ramnath@motorola.com)