

April 25<sup>th</sup>, 2012

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

Subject: Extended Frequencies Justification.

Gentlemen:

The APX4000 Portable 2-Way radio was designed to operate in the frequency band 450-520 MHz.

To aid equipment authorization in other countries which accept the United States FCC Grant for Certification, Motorola is requesting that the FCC lists the frequencies 450-520 MHz under FCC Rule Parts 90.210 and 90.210e 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. 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	Federal	Grant Notes	Emission Designator Rule Part 90
450-454	x	x	BE	11K0F3E, 8K10F1D, 8K10F1E, 8K10F1W ""
454-456*		x	BE	""
456-460*	x	x	BE	""
460-462.5375 x <b>**462.5375-462.7375</b>				
462.7375-467.5375 x <b>**467.5375-467.7375</b>	x		BE	""
467.7375-470 x 460-470*				
470-512	x	x	x	BE ""
512-520			x	EF ""

\* Canada

\*\* FCC Part 95 is not included in this application.

Sincerely,



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EXHIBITS 13C