



FCC ID: AZ492FT4904

19<sup>th</sup> January 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 APX7500 Mobile 2-Way radio was designed to operate in the frequency bands 380-470 MHz and 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 380-470MHz and 450-520 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	Part 22	Part 74	Federal	Grant Notes	Emission Designator Rule Part 90
380- 406*	x			x	BC	11K0F3E, 8K10F1D, 8K10F1E, 8K10F1W
406.1-454	x		x		BC	"""
454-456*		x	x		BC	"""
456-460*	x	x			BC	"""
460-470*	x				BC	"""
470-512	x	x	x		BC	"""
512-520				x	BE	"""

\* Canada

Sincerely,

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EXHIBIT 13C