

Date: 5<sup>th</sup> July 2011

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 136-174 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 136-174 MHz and 450-520 MHz on the FCC Grant.

This radio is used in systems by Federal and Public Safety agencies including Police, Fire, and Emergency Medical Services, 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-OET KDB Publication 634817 guidance, the grantee acknowledges that devices operating on unauthorized frequencies are a violation of the FCC Rules.

Frequency Range (MHz)	Part 90	Part 22	Part 74	Part 80	Federal	Grant Notes	Emission Designator Rule Part 80 & 90
136-150.8*					x	EF, BE	8K10F1D/F1E/F1W, 11K/16K0F3E, 20K0F1E
150.8-161.6250*	x	x	x	x		EF, BE	""
161.6250-161.7750*			x			EF, BE	""
161.7750-173.4*	x				x	EF, BE	""
173.4-174*					x	EF, BE	""
450-454*	x		x			EF, BC	""
454-455*		x	x			EF, BC	""
455-456*			x			EF, BC	""
456-460*	x	x				EF, BC	""
460-462.5375*	x					EF, BC	""
462.5375-462.7375*					x	EF, BC	""
462.7375-467.5375*	x					EF, BC	""
467.5375-467.7375*					x	EF, BC	""
467.7375-470*	x					EF, BE	""
470-512	x	x	x			EF, BE	""
512-520					x	EF, BE	""

\* Canada

EXHIBIT 13C



FCC ID: AZ492FT7047

Sincerely,

*Mike Ramnath*

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EXHIBIT 13C