

4th July 2013

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 APX2500/APX4500 Mobile 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 Solutions is requesting that the FCC lists the frequencies 450 - 520 MHz 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
450-454	x		x		EF	8K10F1D/F1E/F1W, 11K0F3E
456-460	x	x			EF	""
460-462.5375	x				EF	""
462.7375-467.5375	x				EF	""
467.7375-470	x			x	EF	""
470-512	x	x			EF	8K10F1D/F1E/F1W, 11K0F3E, 16K0F3E, 20K0F1E
512-520				x	EF	""

Sincerely,



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Exhibit 13c