

October 12, 2017

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 MOTOTRBO Mobile 2-Way radio is designed to operate in the frequency band 403-470 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 403-470 MHz under FCC Rule Parts 22, 74, 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. 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 22	Part 74	Part 80	Part 90	Federal	Emission Designator
403 – 406 406.1 - 430					x	16K0F3E, 11K0F3E, 7K60F1D, 7K60F1E, 7K60F1W, 7K60FXD, 7K60FXE
406.1-470				x		11K0F3E, 7K60F1D, 7K60F1E, 7K60F1W, 7K60FXD, 7K60FXE
459.025-459.650	x					16K0F3E, 11K0F3E, 7K60F1D, 7K60F1E, 7K60F1W, 7K60FXD, 7K60FXE
467.75-467.825			x			16K0F3E
450.00625-455.99375		x				16K0F3E, 11K0F3E, 7K60F1E, 7K60FXD, 7K60FXE

Sincerely,



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