

June 18<sup>th</sup>, 2013

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

Subject: Extended Frequencies Justification.

Dear Sir/Madam:

The MotoTRBO Mobile 2-Way radio was designed to operate in the frequency bands 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 and 90.210 on the FCC Grant.

For the FCC's Rule Parts 90.210 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 90	Federal	Emission Designator Rule
403-406				x	11K0F3E, 7K60F1E, 7K60F1D, 7K60FXE, 7K60FXD, 7K60F1W, 16K0F3E**
406.1-454			x		
454-456*					
467.7375-470			x		
470-512			x		
459.025-459.650	x				
450.00625-455.99375		x			

\* For Industry Canada

\*\* For Industry Canada, Part 22 and Part 74

Sincerely,



Mike Ramnath  
Manager, Regulatory Compliance  
Email: [Mike.Ramnath@motorolasolutions.com](mailto:Mike.Ramnath@motorolasolutions.com)

EXHIBITS 13C