

April 17, 2014

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

Subject: Extended Frequencies Justification for class 2 Permissive Change of Transmitter with
FCC ID: **AZ489FT7036**.

Dear Sir or Madam:

The APX7000 Portable 2-Way VHF/700/800 radios was designed to operate on frequencies that are in the frequency bands 136-174, 764-775, 794-824, 851-869 MHz.

To aid equipment authorization in other countries that accept the United States FCC Grant for Certification, Motorola is requesting that the FCC list the frequencies 136-174 MHz for Rule Parts 22, 80 and 90, and 764-869 MHz for Rule Part 90 on the Grant.

For the FCC's Rule Parts 22, 80, and 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. 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. Equipment programming is the responsibility of Authorized Service Personnel.

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 80	Part 22	Feds	Emission Designator
138-150.8*				x	8K10F1D/F1E/F1W, 11K0F3E, 16K0F3E, 20K0F1E
150.8-154	x				
154-156.2475	x	x			
156.2475-157.1875		x			
157.1875-161.575	x	x			
157.77-158.67	x	x	x		
161.575-161.625		x			
161.625-161.775*					
161.775-161.9625	x	x		x	
161.9625-162.0375		x		x	
162.0375-173.4	x			x	
173.4-174*				x	
764-775	x				8K10F1D/F1E/F1W, 11K0F3E
794-805	x				
806-824	x				8K10F1D/F1E/F1W, 11K0F3E, 16K0F3E, 20K0F1E
851-869	x				

*Canada

Sincerely,



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