

March 10, 2016

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: **AZ489FT4893**.

Dear Sir or Madam:

This Portable 2-Way radio was designed to operate in the frequency bands 136-174MHz and 450-520MHz.

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 136-174MHz and 450-520MHz under FCC Rule Parts 80 and 90 on the Grant.

For the FCC's Rule Parts 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. 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 80	Part 90	Federal
136-150.8*			x
150.8-152.855		x	
152.855-154		x	
154-156.2475	x	x	
156.2475-157.1875	x		
157.1875-157.45	x	x	
157.45-161.575	x	x	
161.575-161.625	x		
161.625-161.775			
161.775-161.9625	x	x	
161.9625-162.025	x		
162.025-162.0375*			x
162.0375-173.4		x	
173.4-174*			
450-454		x	
454-456			
456-460	x	x	
460-462.5375		x	
462.5375-462.7375*			x
462.7375-467.5375	x	x	
467.5375-467.7375	x		
467.7375-470	x	x	
470-512		x	
512-520			x

*Canada

Sincerely,



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