

April 24, 2020

 Authorization & Evaluation Division  
 Federal Communications Commission Laboratory  
 7435 Oakland Mills Road  
 Columbia, MD 21046

Subject: Extended Frequencies Justification for Certification of Transmitter with FCC ID: AZ489FT3825.

Dear Sir/Madam:

This transmitter is designed to operate in the following frequency ranges:

Band/Mode	Frequency ranges	FCC rule parts
VHF	136-174 MHz	80, 90

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 above applicable frequencies range under FCC Rule Parts 80, and 90 on the FCC 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) and 80.203(b), 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	Other Regions
136-150.8*			X	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	X
162.0375-173.4		X		
173.4-174*				X

\*Canada

Please contact me if you require any additional information.

Sincerely,



 Arine Lee  
 FCC/IC Certification Manager  
 Email : [arinelee@motorolasolutons.com](mailto:arinelee@motorolasolutons.com)