MOTOROLA *SOLUTIONS*

Date: Aug 28, 2018

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 Certification of Transmitter with FCC ID: **AZ489FT7098**

Dear Sir or Madam:

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

Band/Mode	Frequency ranges	FCC rule parts
VHF	136-174 MHz	22, 74, 80, 90
Bluetooth	2402-2480 MHz	15C
WiFi	2412 – 2462 MHz	15C

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 22, 74, 80, and 90 on the FCC Grant

For the FCC's Rule Parts 22, 74, 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 22	Part 74	Part 80	Part 90	Federal	Other Regions
136-150.8*					x	x
150.8-152.855				x		
152.855-154		x		x		
154-156.2475			x	x		
156.2475-157.1875			x			
157.1875-157.45			x	x		
157.45-161.575	x	x	x	x		
161.575-161.625			x			
161.625-161-775		x				
161.775-161.9625			x	x		
161.9625-162.025			x			
162.025-162.0375*					x	x
162.0375-173.4		x		x		
173.4-174*						x

 * Canada

Please contact me if you required any additional information.

Sincerely,

Arine Lee
FCC/IC Certification Manager
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