



AZ492FT7081

November 17, 2017

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

Subject: Extended Frequencies Justification for Certification of Transmitter with FCC ID: AZ492FT7081.

Dear Sir/Madam:

This transmitter was designed to operate in the frequency bands of 136-174MHz.

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 frequencies 403MHz-470MHz 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	Emission Designator Rule
150.8 – 173.4				x		11K0F3E, 7K60F1D, 7K60F1E, 7K60F1W, 7K60FXD, 7K60FXE
157.77 – 158.67	x					16K0F3E
157.83-158.07	x					16K0F3E
156 - 162			x			16K0F3E
161.625 – 161.775		x				16K0F3E, 11K0F3E,
138 – 144 * 148 – 149.9 * 150.05 – 174 *					x	16K0F3E, 11K0F3E, 7K60F1D, 7K60F1E, 7K60F1W, 7K60FXD, 7K60FXE

\* Canada

Please contact me if you required any additional information.

Sincerely,

Deanna Zakharia  
 Regulatory Compliance Manager  
 E-mail: [Deanna.zakharia@motorolasolutions.com](mailto:Deanna.zakharia@motorolasolutions.com)