

March 31, 2020

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: AZ489FT4960

Dear Sir/Madam:

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

Band / Mode	Frequency ranges	RF Power	FCC rule parts
UHF	450 - 470 MHz	Nominal: 1.0W, Max: 1.35W, Min: 0.5W)	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 frequency range under FCC Rule Part 90 on the FCC Grant.

For the FCC's Rule Part 90 application, 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 90	Federal	Other Regions
450-454	x		x
454-456			x
456-460	x		x
460-462.5375	x		x
462.5375-462.7375*		x	x
462.7375-467.5375	x		x
467.5375-467.7375			x
467.7375-470	x		x

\* 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)