

December 14, 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: AZ489FT7133.

Dear Sir/Madam:

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

Band/Mode	Frequency ranges	FCC rule parts
UHF	400-512 MHz	22, 74, 90
LTE B12	699-716 MHz	27
LTE B13	777-787 MHz	27
LTE B14	788-798 MHz	90R
LTE B17	704-716 MHz	27
LTE B2	1850-1910 MHz	24E
LTE B4	1710-1755 MHz	27
LTE B5	824-849 MHz	22H
LTE B7	2500-2570 MHz	27
LTE B30	2305-2315 MHz	27
B48	3550-3700 MHz	96
BT	2402-2480 MHz	15C
BT LE	2402-2480 MHz	15C
Wi-Fi/ WLAN	2412-2462 MHz	15C
Wi-Fi/ WLAN	5180-5825 MHz	15E

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 and 90 on the FCC Grant.

For the FCC's Rule Parts 22, 74 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 22	Part 24D	Part 74	Part 90	Federal	Other Regions
400-406.1					X	
406.1-450				X		
450-454			X	X		
454-456			X			
456-460	X			X		
460-462.5375				X		
462.5375-462.7375*					X	X
462.7375-467.5375				X		
467.5375-467.7375						
467.7375-470				X		
470-512	X		X	X		

*Canada

Please contact me if you required any additional information.

Sincerely,



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