

Date: August 12, 2022

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

Subject: Application for Certification of Transmitter with FCC ID: AZ489FT7151

Dear Sir/Madam,

Motorola Solutions, Inc (8000 West Sunrise Boulevard, Fort Lauderdale, Florida) herein submits application for Certification of the subject transmitter.

This transmitter is intended for use in a portable radio application with capabilities for clear and coded communications with a variable transmit power operating within the following frequency ranges:

Product Name	Model Numbers	Frequency Range	RF Power	FCC Rules Part
MSLB-MKZ920	AAH90UCU9RH1AN	LMR: 806-825 MHz; 851-870 MHz	3W (Max declared)	90
		LMR: 896-902 MHz 935-941 MHz	3W (Max declared)	90. 24D
		LTE B2 1850 - 1910 MHz	547.898mW (EIRP max measured)	24E
		LTE B4 1710 - 1755 MHz	428.746mW (EIRP max measured)	27
		LTE B5 824 - 849 MHz	158.016mW (ERP max measured)	22H
		LTE B7 2500 - 2570 MHz	392.464mW (EIRP max measured)	27
		LTE B12 699-716 MHz	159.184mW (ERP max measured)	27
		LTE B13 777-787 MHz	154.597mW (ERP max measured)	27
		LTE B14 788-798 MHz	152.757mW (ERP max measured)	90R
		LTE B17 704-716 MHz	155.167mW (ERP max measured)	27
		LTE B30 2305-2315 MHz	383.089mW (EIRP max measured)	27
		LTE B48: 3550-3700 MHz	166.725mW (EIRP max measured)	96
		BT: 2402-2480 MHz	4.47mW (max measured conducted peak)	15C
		BTLE 4.0: 2402-2480MHz	4.22mW (max measured conducted average)	15C
		BTLE 5.0: 2402-2480MHz	4.19mW (max measured conducted average)	15C
		WLAN 802.11 b/g/n: 2412-2462 MHz	50.26mW (max measured conducted average)	15C
WLAN 802.11 a/n/ac: 5180-5825 MHz	35.77mW (max measured conducted average)	15E		

We are requesting certification under Part(s) of the Commission's Rules listed above to allow operation of this equipment.

The subject transmitter complies with Section 90.203 of the Rules in that the operator cannot directly program transmit frequencies using the unit's normally accessible external controls.

A complete Certification application is enclosed. If you require any additional information, please contact me at (953) 723-4707.

Sincerely,



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Regulatory Compliance Manager
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