

Date: February 2, 2023

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: AZ489FT7166

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
TLK 110	HK2183A	WCDMA B2 1850 - 1910 MHz	616.6 mW (EIRP max measured)	24E
		WCDMA B4 1710 - 1755 MHz	660.7 mW (EIRP max measured)	27L
		WCDMA B5 824 - 849 MHz	177.4 mW (ERP max measured)	22H
		LTE B2 1850 - 1910 MHz	572.8 mW (EIRP max measured)	24E
		LTE B4 1710 - 1755 MHz	651.6 mW (EIRP max measured)	27
		LTE B5 824 - 849 MHz	177.0 mW (ERP max measured)	22H
		LTE B7 2500 - 2570 MHz	365.6 mW (EIRP max measured)	27
		LTE B12 699-716 MHz	120.5 mW (ERP max measured)	27
		LTE B13 777-787 MHz	147.6 mW (ERP max measured)	27
		LTE B17 704-716 MHz	119.4 mW (ERP max measured)	27
		LTE B25 1850 - 1915 MHz	599.8 mW (EIRP max measured)	24E
		LTE B26 814 - 849 MHz	184.1 mW (ERP max measured)	22H, 90S
		LTE B41 2496 - 2690 MHz	415.0 mW (EIRP max measured)	27M
		LTE B66 1710 – 1780 MHz	654.6 mW (EIRP max measured)	27L
		BT: 2402-2480 MHz	13.2 mW (max measured conducted peak)	15C
		BTLE 4.0: 2402-2480MHz	1.6 mW (max measured conducted peak)	15C
WLAN 802.11 b/g/n: 2412-2462 MHz	197.2 mW (max measured conducted peak)	15C		
WLAN 802.11 a/n/ac: 5180-5825 MHz	65.8 mW (max measured conducted average)	15E		

Note: GSM and EDGE modes are disabled via software for SQ808-NA (FCC ID: ZMQSQ808NA, IC: 21374-SQ808NA). These modes will not operate in the device and will be permanently blocked.

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

A complete Certification application is enclosed. If you require any additional information, please contact me at (954) 723-4707.

Sincerely,



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Regulatory Compliance Manager  
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