

Date: December 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: AZ489FT7165

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 mobile 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
XPR 5350e XPR 5550e XPR 5550e	AAM28TRC9RA1AN AAM28TRN9RA1AN AAM28TRN9WA1AN	LMR: 450 – 527 MHz	48W (Max declared)	22, 74, 90
		LMR: 467.75 - 467.825 MHz	2W (Max declared) (2W ERP)	80
		BT: 2402-2480 MHz	2.79mW (max measured conducted peak)	15C
		BTLE 4.0: 2402-2480MHz	3.86mW (max measured conducted peak)	15C
		WLAN 802.11 b/g/n: 2412-2462 MHz	122.46mW (max measured conducted peak)	15C

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 and 80.203(b) 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 (954) 723-4707.

Sincerely,



Deanna Zakharia  
Regulatory Compliance Manager  
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