

Date: 18 April 2025

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

Subject: Application for New Filing Certification of Transceiver with FCC ID: AZ492FT7180

Dear Sir/Madam,

Motorola Solutions, Inc., herein submits application for Certification of the subject transceiver.

This transmitter is intended for use in a Mobile 2-Way radio application with capabilities for clear and coded communications with a variable transmit power operating within the following frequency ranges:

APX 8500 APX CONSOLETTTE	M37TSS9PW1CN	LMR: 136 - 174 MHz	50 W (Rated Power) 60 W (Max Power)	22, 74, 80, 90
		LMR: 380 - 485 MHz	45 W (Rated Power) 54 W (Max Power)	22, 74, 80, 90
		LMR: 485 - 512 MHz	40 W (Rated Power) 48 W (Max Power)	22, 74, 90
		LMR: 512 - 520 MHz	25 W (Rated Power) 30 W (Max Power)	90
	L37TSS9PW1CN	LMR: 764 - 776 MHz; 794-806 MHz	30 W (Rated Power) 36W (Max Power)	90
		LMR: 806-825 MHz; 851-870 MHz	35 W (Rated Power) 42W (Max Power)	90
		BT: 2402-2480 MHz	0.009 W (max measured conducted peak)	15C
		BTLE 4.0: 2402-2480MHz	0.002 W (max measured conducted peak)	15C
		WLAN 802.11 b/g/n: 2412-2462 MHz	0.012 W (max measured conducted average)	15C
		WLAN 802.11 a/n/ac: 5180-5825 MHz	0.010 W (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 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 +604-2240258.

Sincerely,



Arine Lee
FCC/IC Certification Manager
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