

Date: August 28, 2019

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: **AZ492FT7124**

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 environment 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
APX1500 APX2500 APX4500 APX6500 APX6500Li	M36URS9PW1BN M24URS9PW1BN M22URS9PW1BN M25URS9PW1BN M25URS9PW1BN	LMR 700MHZ : 764 – 775 MHz	2.0 – 30.0 W; Max=36.0W	90
		LMR 700MHZ : 799 – 805 MHz	2.0 – 30.0 W; Max=36.0W	90
		LMR 800MHZ : 806 – 824 MHz	3.0 – 35.0 W; Max=42.0W	90
		LMR 800MHZ : 851 – 869 MHz	3.0 – 35.0 W; Max=42.0W	90
		802.11b,g,n: 2412 – 2462 MHz	802.11b : 39.8 mW (Max) 802.11g : 15.8 mW (Max) 802.11n : 12.58 mW (Max)	15C
		802.11a,n,ac: 5180 – 5825 MHz	802.11a : 15.84 mW (Max) 802.11n : 15.84 mW (Max) 802.11ac : 15.84 mW (Max)	15E
		BT: 2402 - 2480 MHz	11.2mW (Max)	15C
		BT LE: 2402 – 2480 MHz	6.3mW (Max)	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 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
E-mail: Deanna.zakharia@motorolasolutions.com