

Date: September 29, 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: AZ489FT7147

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
APX N70	H35UCT9PW8A N	LMR 700 MHz: 762-776 MHz, 792-806 MHz	2.99W (Max declared)	90
		LMR 700MHz : 769-775 MHz, 799- 805 MHz (Itinerant Band Only)	2.2W (Max declared)	90.531
		LMR 800MHz: 806-825 MHz, 851- 870 MHz	3.6W (Max declared)	90
		LTE B2 1850 - 1910 MHz	278.356mW (EIRP max measured)	24E
		LTE B4 1710 - 1755 MHz	345.064mW (EIRP max measured)	27
		LTE B12 699-716 MHz	54.063mW (ERP max measured)	27
		LTE B13 777-787 MHz	99.129mW (ERP max measured)	27
		LTE B14 788-798 MHz	94.254mW (ERP max measured)	90R
		LTE B17 704-716 MHz	66.283mW (ERP max measured)	27
		BT: 2402-2480 MHz	17.579mW (max measured conducted peak)	15C
		BTLE 4.0: 2402-2480MHz	4.40mW (max measured conducted peak)	15C
		BTLE 5.0: 2402-2480MHz	4.60mW (max measured conducted peak)	15C
		WLAN 802.11 b/g/n: 2412-2462 MHz	250.03mW (max measured conducted peak)	15C
		WLAN 802.11 a/n/ac: 5180-5825 MHz	71.58mW (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 (954) 723-4707.

Sincerely,



Deanna Zakharia
Regulatory Compliance Manager
E-mail: Deanna.zakharia@motorolasolutions.com