

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WG2XRN

(Call Sign)

XT MO

(Class of Station)

0293-EX-PL-2013

(File Number)

NAME Panasonic Avionics Corporation

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(i) of the Commission's Rules

Station Locations

- (1) MOBILE: Temporary fixed, parked aircraft on ground at airfield., within 0.5 km, centered around NL 29-59-15; WL 95-20-01

Frequency Information

MOBILE: Temporary fixed, parked aircraft on ground at airfield., within 0.5 km, centered around NL 29-59-15; WL 95-20-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
410-420 MHz	MO	1M00N0N	13.7 W (ERP)	
450-460 MHz	MO	1M00N0N	13.7 W (ERP)	
450.4-457.6 MHz	MO	1M00P0N	29.5 W (ERP)	
479-484 MHz	MO	1M00N0N	13.7 W (ERP)	

This authorization effective August 02, 2013 and
will expire 3:00 A.M. EST August 01, 2015

**FEDERAL
COMMUNICATIONS
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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
776-794 MHz	MO	1M00N0N	13.7 W (ERP)	
806-849 MHz	MO	1M00N0N	13.7 W (ERP)	
824-849 MHz	MO	1M00P0N	29.5 W (ERP)	
824-849 MHz	MO	1M00P0N	29.5 W (ERP)	
824-849 MHz	MO	1M00N0N 1M00N0N	13.7 W (ERP)	
824-849 MHz	MO	1M00P0N	29.5 W (ERP)	
870-925 MHz	MO	1M00N0N	13.7 W (ERP)	
876-915 MHz	MO	1M00P0N	29.5 W (ERP)	
1613.8-1626.5 MHz	MO	1M00P0N	13.7 W (ERP)	
1710-1785 MHz	MO	1M00P0N 1M00N0N	13.7 W (ERP)	

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1850-1910 MHz	MO	1M00N0N 1M00N0N 1M00P0N	13.7 W (ERP)	
1850-1910 MHz	MO	1M00N0N 1M00P0N	13.7 W (ERP)	
1850-1910 MHz	MO	1M00P0N	13.7 W (ERP)	
1900-1920 MHz	MO	1M00P0N	1.8 W (ERP)	
1920-1980 MHz	MO	1M00N0N	13.7 W (ERP)	
1920-1980 MHz	MO	1M00N0N	13.7 W (ERP)	
2010-2025 MHz	MO	1M00P0N	1.8 W (ERP)	
2110-2170 MHz	MO	1M00N0N	1.8 W (ERP)	
2400-2497 MHz	MO	1M00P0N 1M00P0N 1M00P0N	2.9 W (ERP)	

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2500-2685 MHz	MO	1M00P0N 1M00N0N	13.7 W (ERP)	
3400-3600 MHz	MO	1M00P0N 1M00N0N	13.7 W (ERP)	
5150-5250 MHz	MO	1M00P0N	2.9 W (ERP)	
5250-5350 MHz	MO	1M00P0N	2.9 W (ERP)	
5470-5725 MHz	MO	1M00P0F	2.9 W (ERP)	
5725-5825 MHz	MO	1M00P0N	2.9 W (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees.
- (2) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir @ sbe.org; information, www.sbe.org.
- (3) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (4) A stop buzzer contact shall be available during testing in case of interference. Bassam Chamas at 949-505-3084.
- (5) Licensee should coordinate with Fixed Microwave licensees in the test site areas to prevent interference with fixed point to point paths and with possible Temporary Fixed/Mobile point-to-point paths