

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WH2XTK

(Call Sign)

0036-EX-PL-2015

(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(j) of the Commission's Rules

Station Locations

- (1) MOBILE: Chennault International Airport, Lake Charles, LA, within 1 km, centered around NL 30-12-59; WL 93-09-52
- (2) MOBILE: Miami International Airport, FL, within 1 km, centered around NL 25-48-25; WL 80-17-01

Frequency Information

MOBILE: Chennault International Airport, Lake Charles, LA, within 1 km, centered around NL 30-12-59; WL 93-09-52

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)	

This authorization effective July 23, 2015 and
will expire 3:00 A.M. EST August 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
479-484 MHz	MO	1M00N0N	13.7 W (ERP)	
614-698 MHz	MO	1M00P0N 1M00N0N	29.6 W (ERP)	
776-794 MHz	MO	1M00N0N	13.7 W (ERP)	
806-849 MHz	MO	1M00N0N	13.7 W (ERP)	
824-849 MHz	MO	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)	
1427.9-1447.9 MHz	MO	1M00P0N 1M00N0N	1.06 W (ERP)	
1447.9-1462.9 MHz	MO	1M00P0N	1.06 W (ERP)	

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1447.9-1462.9 MHz	MO	1M00N0N	1.06 W (ERP)	
1613.8-1626.5 MHz	MO	1M00P0N	13.7 W (ERP)	
1626.5-1660.5 MHz	MO	1M00P0N 1M00N0N	1.06 W (ERP)	
1710-1785 MHz	MO	1M00N0N 1M00P0N	13.7 W (ERP)	
1850-1910 MHz	MO	1M00N0N 1M00P0N	13.7 W (ERP)	
1900-1920 MHz	MO	1M00P0N	1.8 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)	
2300-2400 MHz	MO	1M00P0N	1.06 W (ERP)	

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2300-2400 MHz	MO	1M00N0N	1.06 W (ERP)	
2400-2497 MHz	MO	1M00P0N	2.9 W (ERP)	
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	1M00P0N	2.9 W (ERP)	
5725-5825 MHz	MO	1M00P0N	2.9 W (ERP)	

Frequency Information

MOBILE: Miami International Airport, FL, within 1 km, centered around NL 25-48-25; WL 80-17-01

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)	
614-698 MHz	MO	1M00P0N 1M00N0N	29.6 W (ERP)	
776-794 MHz	MO	1M00N0N	13.7 W (ERP)	
806-849 MHz	MO	1M00N0N	13.7 W (ERP)	
824-849 MHz	MO	1M00N0N	13.7 W (ERP)	
824-849 MHz	MO	1M00P0N	29.5 W (ERP)	
870-925 MHz	MO	1M00N0N	13.7 W (ERP)	

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876-915 MHz	MO	1M00P0N	29.5 W (ERP)	
1427.9-1447.9 MHz	MO	1M00P0N 1M00N0N	1.06 W (ERP)	
1447.9-1462.9 MHz	MO	1M00P0N 1M00N0N	1.06 W (ERP)	
1613.8-1626.5 MHz	MO	1M00P0N	13.7 W (ERP)	
1626.5-1660.5 MHz	MO	1M00P0N 1M00N0N	1.06 W (ERP)	
1710-1785 MHz	MO	1M00N0N 1M00P0N	13.7 W (ERP)	
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2010-2025 MHz	MO	1M00P0N	1.8 W (ERP)	
2110-2170 MHz	MO	1M00N0N	1.8 W (ERP)	
2300-2400 MHz	MO	1M00P0N 1M00N0N	1.06 W (ERP)	
2400-2497 MHz	MO	1M00P0N	2.9 W (ERP)	
2500-2685 MHz	MO	1M00P0N 1M00N0N	13.7 W (ERP)	
3400-3600 MHz	MO	1M00P0N 1M00N0N	13.7 W (ERP)	
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Frequency Information

MOBILE: Miami International Airport, FL, within 1 km, centered around NL 25-48-25; WL 80-17-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5725-5825 MHz	MO	1M00P0N	2.9 W (ERP)	

Special Conditions:

- (1) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (2) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to its authorization with AFMO CONUS, Ft. Sam Houston, TX, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with AFMO CONUS, Ft. Sam Houston, TX, as necessary to ensure compatibility with existing uses.
- (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) Operation requires consent of affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees.
- (5) 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.
- (6) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to authorization with the Eastern Area Frequency Coordinator, Patrick AFB, FL, who also coordinated it, as appropriate, with Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with the Eastern AFC, Patrick AFB, FL, as necessary to ensure compatibility with existing uses.
- (7) Panasonic Aviation must notch out the following in Lake Charles, LA:
410.2875-413.125 MHz
- (8) Panasonic Aviation must notch out the following in Miami, FL:
410.06-410.09 MHz
413.1-413.125 MHz
413.5875-413.6125 MHz
414-414.025 MHz
414.9875-415.0125 MHz
419.0125-419.0375 MHz
5590-5660 MHz