

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

EXPERIMENTAL
(Nature of Service)

WF2XRU
(Call Sign)

XD MO
(Class of Station)

0298-EX-RR-2015
(File Number)

NAME Datron World Communications, Inc.

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: Vista, CA, within 16.1 km, centered around NL 33-08-42; WL 117-13-23
- (2) MOBILE: , within 16.1 km, centered around NL 33-08-42; WL 117-13-23

Frequency Information

MOBILE: Vista, CA, within 16.1 km, centered around NL 33-08-42; WL 117-13-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
762-870 MHz	MO	11K0F3E 12K6F1E 16K0F3E 8K10F1D	35 W (ERP)	
762-870 MHz	MO	11K0F3E 12K6F1E 16K0F3E 8K10F1D	3 W (ERP)	

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: , within 16.1 km, centered around NL 33-08-42; WL 117-13-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
144-148 MHz	MO	8K10F1D 11K0F3E 12K6F1E 16K0F3E	5 W (Output Power)	
144-148 MHz	MO	8K10F1D 11K0F3E 12K6F1E 16K0F3E	100 W (Output Power)	
148-150.05 MHz	MO	8K10F1D 11K0F3E	5 W (Output Power)	
148-150.05 MHz	MO	8K10F1D 11K0F3E	100 W (Output Power)	
150.05-150.5 MHz	MO	8K10F1D 11K0F3E	5 W (Output Power)	
150.05-150.5 MHz	MO	8K10F1D 11K0F3E	100 W (Output Power)	
150.8-156.7625 MHz	MO	8K10F1D 11K0F3E 12K6F1E 16K0F3E	5 W (Output Power)	

Frequency Information

MOBILE: , within 16.1 km, centered around NL 33-08-42; WL 117-13-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150.8-156.7625 MHz	MO	8K10F1D 11K0F3E 12K6F1E 16K0F3E	100 W (Output Power)	
156.7625-156.8375 MHz	MO	8K10F1D 11K0F3E	5 W (Output Power)	
156.7625-156.8375 MHz	MO	8K10F1D 11K0F3E	100 W (Output Power)	
156.8375-157.0375 MHz	MO	8K10F1D 11K0F3E 12K6F1E 16K0F3E	5 W (Output Power)	
156.8375-157.0375 MHz	MO	8K10F1D 11K0F3E 12K6F1E 16K0F3E	100 W (Output Power)	
157.0375-157.1875 MHz	MO	8K10F1D 11K0F3E	5 W (Output Power)	
157.0375-157.1875 MHz	MO	8K10F1D 11K0F3E	100 W (Output Power)	

Frequency Information

MOBILE: , within 16.1 km, centered around NL 33-08-42; WL 117-13-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
157.1875-161.9625 MHz	MO	8K10F1D 11K0F3E 12K6F1E 16K0F3E	5 W (Output Power)	
157.1875-161.9625 MHz	MO	8K10F1D 11K0F3E 12K6F1E 16K0F3E	100 W (Output Power)	
161.9625-161.9875 MHz	MO	8K10F1D 11K0F3E	5 W (Output Power)	
161.9625-161.9875 MHz	MO	8K10F1D 11K0F3E	100 W (Output Power)	
161.9875-162.0125 MHz	MO	8K10F1D 11K0F3E 12K6F1E 16K0F3E	5 W (Output Power)	
161.9875-162.0125 MHz	MO	8K10F1D 11K0F3E 12K6F1E 16K0F3E	100 W (Output Power)	
162.0125-162.0375 MHz	MO	8K10F1D	5 W (Output Power)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
162.0125-162.0375 MHz	MO	11K0F3E	5 W (Output Power)	
162.0125-162.0375 MHz	MO	8K10F1D 11K0F3E	100 W (Output Power)	
162.0375-173.2 MHz	MO	8K10F1D 11K0F3E	5 W (Output Power)	
162.0375-173.2 MHz	MO	8K10F1D 11K0F3E	100 W (Output Power)	
173.2-173.4 MHz	MO	8K10F1D 11K0F3E 12K6F1E 16K0F3E	5 W (Output Power)	
173.2-173.4 MHz	MO	8K10F1D 11K0F3E 12K6F1E 16K0F3E	100 W (Output Power)	
400.15-410 MHz	MO	8K10F1D 11K0F3E	4 W (Output Power)	
400.15-410 MHz	MO	8K10F1D	45 W (Output Power)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
400.15-410 MHz	MO	11K0F3E	45 W (Output Power)	
410-420 MHz	MO	8K10F1D 11K0F3E	4 W (Output Power)	
410-420 MHz	MO	8K10F1D 11K0F3E	45 W (Output Power)	
420-450 MHz	MO	8K10F1D 11K0F3E	4 W (Output Power)	
420-450 MHz	MO	8K10F1D 11K0F3E	45 W (Output Power)	
450-460 MHz	MO	8K10F1D 11K0F3E 12K6F1E 16K0F3E	4 W (Output Power)	
450-460 MHz	MO	8K10F1D 11K0F3E 12K6F1E 16K0F3E	45 W (Output Power)	
460-470 MHz	MO	8K10F1D	4 W (Output Power)	

Frequency Information

MOBILE: , within 16.1 km, centered around NL 33-08-42; WL 117-13-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
460-470 MHz	MO	11K0F3E	4 W (Output Power)	
460-470 MHz	MO	8K10F1D 11K0F3E	45 W (Output Power)	
470-520 MHz	MO	8K10F1D 11K0F3E 12K6F1E 16K0F3E	4 W (Output Power)	
470-520 MHz	MO	8K10F1D 11K0F3E 12K6F1E 16K0F3E	45 W (Output Power)	

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (4) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (5) The designated point-of-contact to terminate transmissions if interference occurs is Mr. Irwin Morse at (321) 541-1285.
- (6) The application is not intended to cover 50 units of the same type. Instead, the application seeks authorization for 13 different models. There will only be a maximum of 10 units of each model type tested at one time.