

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

EXPERIMENTAL  
(Nature of Service)

WE2XWO  
(Call Sign)

XC MO  
(Class of Station)

0089-EX-ML-2009  
(File Number)

NAME Honeywell International

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(b) of the Commission's Rules

Station Locations

- (1) MOBILE: Honeywell International Tether Test Area located at 9201 San Mateo Blvd NE, Albuquerque, NM. It includes the adjacent parking lots and immediate surrounding area., within 5 km, centered around NL 35-11-32; WL 106-35-30
- (2) MOBILE: New Mexico Army National Guard Armory (Rio Rancho, NM). The site is approximately 25 miles north and west of Albuquerque, within 5 km, centered around NL 35-22-19; WL 106-39-16

Frequency Information

MOBILE: Honeywell International Tether Test Area located at 9201 San Mateo Blvd NE, Albuquerque, NM. It includes the adjacent parking lots and immediate surrounding area., within 5 km, centered around NL 35-11-32; WL 106-35-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1370-1390 MHz	MO	300KF1D 25K0F1D	0.97 W (ERP)	0.0002 %
1736-1848 MHz	MO	18M0F9W	3.52 W (ERP)	0.003 %
4.4-4.7 GHz	MO	2M44W7D	0.61 W (ERP)	0.0005 %

This authorization effective November 10, 2009 and will expire 3:00 A.M. EST November 01, 2010

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

MOBILE: New Mexico Army National Guard Armory (Rio Rancho, NM). The site is approximately 25 miles north and west of Albuquerque, within 5 km, centered around NL 35-22-19; WL 106-39-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1370-1390 MHz	MO	25K0F1D	0.97 W (ERP)	0.0002 %
		300KF1D		
1736-1848 MHz	MO	18M0F9W	3.52 W (ERP)	0.003 %
4.4-4.7 GHz	MO	2M44W7D	0.61 W (ERP)	0.0005 %

## Special Conditions:

- (1) Assignment in frequency bands 960-1400, 2700-2900, or 9000-9200 MHz was coordinated prior to authorization with the FAA Southwest Coordinator, Ft. Worth, TX. Use of frequencies under the authority of this assignment is subject to such further coordination with the FAA Southwest Coordinator, Ft. Worth, TX, as necessary to ensure compatibility with existing uses.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Operation in the 1736-1755 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by U.S. Army contract no. W58RGZ-08-C-0094 and DARPA contract no. MDA972-01-9-0018. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (6) Altitude is limited to 30k feet.
- (7) Coordination with Army national frequency management office at 703-325-8218 is required prior to operation in the 1370-1400 MHz band within radio line of sight. Additionally, coordination with the White Sands Missile Range frequency coordinator at 505-678-5417 is required prior to operation.