

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WE2XZE

(Call Sign)

0193-EX-RR-2013

(File Number)

NAME Deterministic Time Solutions, 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: San Ramon (Contra Costa), CA, within 50 km, centered around NL 37-49-59;
WL 122-02-58

Frequency Information

MOBILE: San Ramon (Contra Costa), CA, within 50 km, centered around NL 37-49-59; WL 122-02-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-494 MHz	MO	1M25F9W	5 W (ERP)	
728-768 MHz	MO	10M0F9W 10M0F9W 10M0F9W 10M0F9W	5 W (ERP)	
869-894 MHz	MO	200KG7W 1M25F9W 10M0F9W 10M0F9W	5 W (ERP)	

This authorization effective June 05, 2013 and
will expire 3:00 A.M. EST June 01, 2015

**FEDERAL
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COMMISSION**



Frequency Information

MOBILE: San Ramon (Contra Costa), CA, within 50 km, centered around NL 37-49-59; WL 122-02-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
869-894 MHz	MO	10M0F9W 10M0F9W	5 W (ERP)	
925-960 MHz	MO	200KG7W 4M20F9W 10M0F9W 10M0F9W 10M0F9W 10M0F9W	5 W (ERP)	
1805-1880 MHz	MO	20M0F9W 20M0F9W 20M0F9W 20M0F9W 4M20F9W 200KG7W	5 W (ERP)	
1850-1880 MHz	MO	200KG7W 4M20F9W 20M0F9W 20M0F9W 20M0F9W 20M0F9W	5 W (ERP)	
1930-1990 MHz	MO	200KG7W 1M25F9W 4M20F9W 20M0F9W 20M0F9W 20M0F9W	5 W (ERP)	

Frequency Information

MOBILE: San Ramon (Contra Costa), CA, within 50 km, centered around NL 37-49-59; WL 122-02-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1930-1990 MHz	MO	20M0F9W	5 W (ERP)	
2110-2170 MHz	MO	4M20F9W 20M0F9W 20M0F9W 20M0F9W 20M0F9W	5 W (ERP)	
2620-2690 MHz	MO	20M0F9W 20M0F9W 20M0F9W 20M0F9W	5 W (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees.
- (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) 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.
- (5) The designated point-of-contact to terminate transmissions if interference occurs is Mr. John Youden, cellular phone 408-439-3161.
- (6) Operation on this assignment is subject to immediate cessation, if it causes harmful interference.
- (7) Licensee should prior coordinate with the Economic Area licensees and Multiple Address Service licensees, (Auctioned spectrum), indicated in Part 101, Subpart O.
- (8) Licensee should get consent from existing and future Advance Wireless Services licensees