

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WC2XWA

(Call Sign)

0199-EX-RR-2013

(File Number)

NAME TeleCommunication Systems, 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(b) of the Commission's Rules

Station Locations

- (1) Yona, GU - NL 13-25-08; EL 144-44-47
- (2) Yona, GU - NL 13-25-58; EL 144-42-47

Frequency Information

Yona, GU - NL 13-25-08; EL 144-44-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
448 MHz	FX	320KG3D	1.3 MW (ERP)	
2087.16 MHz	FX	320KG3D	84 MW (ERP)	
2108.34 MHz	FX	320KG3D	84 MW (ERP)	

This authorization effective August 24, 2013 and
will expire 3:00 A.M. EST August 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Yona, GU - NL 13-25-58; EL 144-42-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200-2300 MHz	FX	NON	15 mW (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) 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.
- (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) Operation is subject to prior coordination with the local SBE representative to protect any possible Broadcast Auxiliary Services licensees in the 2025-2110 MHz band.
- (7) This authorization is issued for the express purpose of conducting experimental operations described in the related application. Any launch monitoring will require a Special Temporary Authorization from the Commission's International Bureau.