

**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)

0053-EX-RR-2004

(File Number)

NAME Vertical Circuits, 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)	0.001 %
2087.16 MHz	FX	320KG3D	84 MW (ERP)	0.00001 %
2108.34 MHz	FX	320KG3D	84 MW (ERP)	0.00001 %

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200-2300 MHz	FX	N0N	15 mW (ERP)	0.0001 %

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.

This authorization effective July 01, 2004 and
will expire 3:00 A.M. EST July 01, 2006

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, [executivedir @ sbe.org](mailto:executivedir@sbe.org); information, www.sbe.org.