

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WC2XWQ

(Call Sign)

0072-EX-RR-2004

(File Number)

NAME Alien Technology Corporation

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) Morgan Hill (SANTA CLARA), CA - NL 37-08-14; WL 121-39-18

Frequency Information

Morgan Hill (SANTA CLARA), CA - NL 37-08-14; WL 121-39-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
13.56 MHz	FX	200KG1D	100 mW (ERP)	
304 MHz	FX	200KG1D	2 mW (ERP)	
315 MHz	FX	200KG1D	2 mW (ERP)	
433 MHz	FX	200KG1D	2 mW (ERP)	
862-870 MHz	FX	5M00G1D	1 W (ERP)	
902-928 MHz	FX	5M00G1D	30 W (ERP)	
2.4-2.483 GHz	FX	5M00G1D	30 W (ERP)	
5.725-5.875 GHz	FX	5M00G1D	2.43 W (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) 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.

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) Operation in the 2450-2483.5 MHz band 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; information, www.sbe.org.
- (4) Operation in the 2450-2483.5 MHz band is subject to prior coordination with the Associated Public Safety Communications Officers, Inc. (APCO); ATTN: Ms Cheryl Herrero; 2040 S. Ridgewood Ave.; South Daytona, FL 32119; Phone: (904) 322-2500.
- (5) Operation in the 2450-2483.5 MHz band is subject to prior coordination with the existing Part 101 licensees in accordance with section 101.103(d) of the Commission rules.