

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WC2XYS

(Call Sign)

0117-EX-RR-2004

(File Number)

NAME Vanu, 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(h) of the Commission's Rules

Station Locations

- (1) Cambridge, MA - NL 42-23-30; WL 71-07-08; MOBILE: One Porter Square, within 1 km
- (2) Lexington, MA - NL 42-26-29; WL 71-13-57; MOBILE: Lexington High School, within 1 km

Frequency Information

Cambridge, MA - NL 42-23-30; WL 71-07-08; MOBILE: One Porter Square, within 1 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1850-1865 MHz	MO	30K0G7E	0.5 W (ERP)	
1865-1870 MHz	MO	200KG7E	0.5 W (ERP)	
1885-1890 MHz	MO	200KG7E	0.5 W (ERP)	

This authorization effective August 14, 2004 and
will expire 3:00 A.M. EST August 14, 2005

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Lexington, MA - NL 42-26-29; WL 71-13-57; MOBILE: Lexington High School, within 1 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1850-1865 MHz	MO	30K0G7E	0.5 W (ERP)	
1865-1870 MHz	MO	200KG7E	0.5 W (ERP)	
1885-1890 MHz	MO	200KG7E	0.5 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (4) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."
- (5) Operation is limited to 12 units.