

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

EXPERIMENTAL

(Nature of Service)

WF2XPU

(Call Sign)

XD FX MO

(Class of Station)

0389-EX-RR-2011

(File Number)

NAME Rice University

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) Houston (HARRIS), TX - NL 29-42-58; WL 95-24-05; MOBILE: Rice University - Houston, Texas, within 1 km, centered around NL 29-42-58; WL 95-24-05
- (2) Houston (HARRIS), TX - NL 29-42-25; WL 95-16-44; MOBILE: Houston, HARRIS, Texas, within 1 km

Frequency Information

Houston (HARRIS), TX - NL 29-42-58; WL 95-24-05; MOBILE: Rice University - Houston, Texas, within 1 km, centered around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
518-524 MHz	MO	5M00D7D	40 mW (ERP)	
538-544 MHz	MO	5M00D7D	40 mW (ERP)	
548-560 MHz	MO	5M00D7D	40 mW (ERP)	

This authorization effective January 19, 2012 and
will expire 3:00 A.M. EST July 19, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Houston (HARRIS), TX - NL 29-42-58; WL 95-24-05; MOBILE: Rice University - Houston, Texas, within 1 km, centered around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
554-572 MHz	FX	5M00D7D	4 W (ERP)	
554-572 MHz	MO	5M00D7D	100 mW (ERP)	
560-566 MHz	MO	5M00D7D	40 mW (ERP)	
572-578 MHz	MO	5M00D7D	40 mW (ERP)	
584-596 MHz	MO	5M00D7D	40 mW (ERP)	
626-632 MHz	MO	5M00D7D	40 mW (ERP)	
662-668 MHz	MO	5M00D7D	40 mW (ERP)	
680-686 MHz	MO	5M00D7D	40 mW (ERP)	
686-698 MHz	FX	5M00D7D	4 W (ERP)	
686-698 MHz	MO	5M00D7D	100 mW (ERP)	

Frequency Information

Houston (HARRIS), TX - NL 29-42-58; WL 95-24-05; MOBILE: Rice University - Houston, Texas, within 1 km, centered around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
692-698 MHz	MO	5M00D7D	40 mW (ERP)	

Houston (HARRIS), TX - NL 29-42-25; WL 95-16-44; MOBILE: Houston, HARRIS, Texas, within 1 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
518-524 MHz	MO	5M00D7D	40 mW (ERP)	
536-542 MHz	MO	5M00D7D	40 mW (ERP)	
548-554 MHz	MO	5M00D7D	40 mW (ERP)	
554-572 MHz	FX	5M00D7D	4 W (ERP)	
554-572 MHz	MO	5M00D7D	100 mW (ERP)	
560-566 MHz	MO	5M00D7D	40 mW (ERP)	
572-578 MHz	MO	5M00D7D	40 mW (ERP)	
584-590 MHz	MO	5M00D7D	40 mW (ERP)	

Frequency Information

Houston (HARRIS), TX - NL 29-42-25; WL 95-16-44; MOBILE: Houston, HARRIS, Texas, within 1 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
626-632 MHz	MO	5M00D7D	40 mW (ERP)	
662-668 MHz	MO	5M00D7D	40 mW (ERP)	
680-686 MHz	MO	5M00D7D	40 mW (ERP)	
686-698 MHz	FX	5M00D7D	4 W (ERP)	
686-698 MHz	MO	5M00D7D	100 mW (ERP)	
692-698 MHz	MO	5M00D7D	40 mW (ERP)	

Special Conditions:

- (1) 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; information, www.sbe.org.
- (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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.