



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

WXXI PUBLIC BROADCASTING COUNCIL
P.O. BOX 30021
280 STATE STREET
ROCHESTER NY 14603

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 74220

Call Sign: WXXI

License File Number: BL-19901219AB

Grant Date:

This license expires 3:00 a.m.
local time, June 01, 2006.

This license covers permit no.: BP-19890210AA

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 set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:
Local Standard Time (Non-Advanced)

Jan.	7:45 AM	5:00 PM	Jul.	4:45 AM	7:45 PM
Feb.	7:15 AM	5:45 PM	Aug.	5:15 AM	7:15 PM
Mar.	6:30 AM	6:15 PM	Sep.	5:45 AM	6:15 PM
Apr.	5:30 AM	6:45 PM	Oct.	6:30 AM	5:30 PM
May	4:45 AM	7:30 PM	Nov.	7:00 AM	4:45 PM
Jun.	4:30 AM	7:45 PM	Dec.	7:30 AM	4:30 PM

Callsign: WXXI

License No.: BL-19901219AB

Name of Licensee: WXXI PUBLIC BROADCASTING COUNCIL

Station Location: ROCHESTER, NY

Frequency (kHz): 1370

Station Class: B

Antenna Coordinates:

Day

Latitude: N 43 Deg 06 Min 01 Sec

Longitude: W 77 Deg 34 Min 23 Sec

Night

Latitude: N 43 Deg 06 Min 01 Sec

Longitude: W 77 Deg 34 Min 23 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 5.0 Night: 5.0

Antenna Input Power (kW): Day: Night:

Antenna Mode: Day: ND Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: Night:

Resistance (ohms): Day: Night:

Non-Directional Antenna: Day

Radiator Height: meters; 100 deg

Theoretical Efficiency: 312.21 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN
1	None

Night:

Tower No.	ASRN
1	None
2	None
3	None
4	None

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 737.81
 Standard RMS (mV/m/km): Night:
 Augmented RMS (mV/m/km):
 Q Factor: Night: 22.5

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.9737	-171.300	100.4000	2.000	0	100.2
2	1.0000	0.000	0.0000	0.000	0	100.2
3	0.8987	-144.200	146.1000	285.350	0	100.2
4	0.8676	39.400	150.0000	250.000	0	100.2

* Tower Reference Switch

- 0 = Spacing and orientation from reference tower
- 1 = Spacing and orientation from previous tower

*** END OF AUTHORIZATION ***