



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**FM BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

KIRX, INC.  
1308 N BALTIMORE ST  
PO BOX 130  
KIRKSVILLE MO 63501

Dale E. Bickel  
Senior Engineer  
Audio Division  
Media Bureau

Facility Id: 471

Call Sign: KTUF

License File Number: BLH-19910328KB

Grant Date: November 21, 1991

This license expires 3:00 a.m.  
local time, February 01, 1997.

This license covers Permit No.: BPH-881219ID  
as extended by Permit No.: BMPH-901002JU

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.

Callsign: KTUF

License No.: BLH-19910328KB

Name of Licensee: KIRX, INC.

Station Location: MO-KIRKSVILLE

Frequency (MHz): 93.7

Channel: 229

Class: C2

Hours of Operation: Unlimited

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

Transmitter output power:

Antenna type: Non-Directional

Description:

Antenna Coordinates: North Latitude: 40 deg 11 min 16 sec  
West Longitude: 92 deg 31 min 32 sec

|  | Horizontally<br>Polarized<br>Antenna | Vertically<br>Polarized<br>Antenna |
|--|--------------------------------------|------------------------------------|
| Effective radiated power in the Horizontal Plane (kW):     | 50                                   | 50                                 |
| Height of radiation center above ground (Meters):          | 137                                  | 137                                |
| Height of radiation center above mean sea level (Meters):  | 424                                  | 424                                |
| Height of radiation center above average terrain (Meters): | 150                                  | 150                                |

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 150 Meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

None Required

Special operating conditions or restrictions:

- 1 ANTENNA DESCRIPTION - HARRIS (ERI) FMH-6AC, SIX SECTIONS, CIRCULARLY POLARIZED ANTENNA, SIDE-MOUNTED ON A UNIFORM CROSS-SECTION, GUYED STEEL TOWER

\*\*\* END OF AUTHORIZATION \*\*\*