FCC Form 302
June 1964

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BL-871215AB

Call Sign: KXOJ

AM BROADCAST STATION LICENSE

Subject to the provisions of the Communications Act of 1934, as amended, subsequent Acts, Treaties, and Commission Rules made thereunder, and further subject to conditions set forth in this license,[1] the LICENSEE

KXOJ, INC.

is hereby authorized to use and operate the radio transmitting apparatus hereinafter described for the purpose of broadcasting for the term ending 3 a.m. Local Time JUNE 1, 1990 in accordance with the following:

1. Station location: Sapulpa, Ok

2. Main Studio location: (Listed only if not at transmitter site or not within boundaries of principal community)

3. Remote control location: - - -

4. Transmitter location: 1919 Old Framkoma Rd. Sapulpa, OK
North latitude: 36° 01' 08"
West longitude: 96° 05' 55"

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

6. Antenna and ground system: Attached

7. Obstruction marking and lighting specifications — FCC Form 715, paragraphs: None required.

8. Frequency (kHz.): 1550

9. Nominal power (kW): 2.5 Day
____ Night

Antenna input power (kW): 2.7 Day

☐ Non-directional antenna: current ____ amperes; resistance ____ ohms.
☒ Directional antenna : current 7.2 amperes; resistance 52 ohms.

____ Night

☐ Non-directional antenna: current ____ amperes; resistance ____ ohms.
☐ Directional antenna : current ____ amperes; resistance ____ ohms.

10. Hours of operation: Specified in construction permit (BP -870324AA)
11. Conditions:

The Commission reserves the right during said license period of terminating this license or making effective any change or modification of this license which may be necessary to comply with any decision of the Commission rendered as a result of any hearing held under the rules of the Commission prior to the commencement of this license period or any decision rendered as a result of any such hearing which has been designated but not held, prior to the commencement of this license period.

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 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, as amended. 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, as amended.

[1] This license consists of this page and pages 2 & 3

Dated: MAY 20 1988 GS/as

FEDERAL COMMUNICATIONS COMMISSION

MAY 24 1988

June 1980

File NO. BL-871215AB **Call Sign:** KXOJ **Date:** 12/21/87

DA- 1

1. **DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM**

No. and Type of Elements: Three(3), series excited, uniform cross section, guyed, towers
Theoretical RMS: 484.47 mV/m/Km; Standard RMS: 508.96 mV/m/Km; Q = 15.81.

Height above Insulators: 40.24 meters (75°)

Overall Height: 41.16 meters

Spacing and Orientation: With tower #1 as reference, tower #2 is 90° away at a bearing of 19° TN, and tower #3 is 180° away at a bearing of 64° TN.

Non-Directional Antenna: N/A

Ground System consists of 120 equally spaced, buried, copper radials about the base of each tower extending upto 48.78 meters except where terminated by property boundaries or where intersecting radials are shortened and bonded. Plus a 7.62 meters square ground screen about the base of each tower.

2. **THEORETICAL SPECIFICATIONS**

	Tower	E(#1)	N(#2)	W(#3)
Phasing:	Day:	0°	90°	-45°
Field Ratio:	Day:	1.0	1.7	1.1

3. **OPERATING SPECIFICATIONS**

Phase Indication*:

	Day:	0°	90°	-45°
Antenna Base Current Ratio:	Day:	1.00	1.71	1.11
Antenna Monitor Sample Current Ratio:	Day:	1.00	1.70	1.1

*** As indicated by** potomac Instruments AM-19(204) Antenna Monitor.

Antenna sampling system approved under section 73.68(b) rules.

BL-871215AB KXOJ

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 202.5° true North. From KXOJ way go back to street approximately 0.1 mile. Turn left then immediately back to the right. Go 0.7 mile to intersection. Turn right and go 1.9 miles to 81 street. Turn left and go 0.05 mile. Reading is on north side of road. Distance to station is 3.7 kilometers. The field intensity measured at this point should not exceed 50.4 mV/m.

Direction 326° true North. From KXOJ drive way go back to street approximately .1 mile trun left and go 0.45 mile to highway 66. Turn right and go 1.65 miles. Turn right and go 1.15 mile to Hickory Street. Turn left on Hickory and go 0.9 mile to Mike Street. Mike Street will dead end into another street approximately 0.1 miles. Reading is taken at intersection on N.W. corner. Distance to station 5.2 kilometers. The field intensity measured at this point should not exceed 3.8 mV/m.