



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

Authorizing Official:

Official Mailing Address:

BIBLE BROADCASTING NETWORK, INC.  
 11530 CARMEL COMMONS BLVD.  
 CHARLOTTE NC 28226

Son Nguyen  
 Supervisory Engineer  
 Audio Division  
 Media Bureau

Grant Date: March 26, 2004

Facility Id: 73299

Call Sign: KYFI

This license expires 3:00 a.m.  
 local time, February 01, 2005.

License File Number: BZ-20031202ACX

DM

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

Callsign: KYFI

License No.: BZ-20031202ACX

Name of Licensee: BIBLE BROADCASTING NETWORK, INC.

Station Location: ST. LOUIS, MO

Frequency (kHz): 630

Station Class: B

Antenna Coordinates:

Day

Latitude: N 38 Deg 40 Min 18 Sec

Longitude: W 90 Deg 06 Min 52 Sec

Night

Latitude: N 38 Deg 40 Min 18 Sec

Longitude: W 90 Deg 06 Min 52 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: 5.4 Night: 5.4

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 10.39 Night: 10.39

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1008333	
2	1008334	
3	1008335	

Night:

Tower No.	ASRN	Overall Height (m)
1	1008333	
2	1008334	
3	1008335	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 630.86 Night: 630.86

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Day: 699.79 Night: 689.66

Q Factor: Day: Night:

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	29.800	0.0000	0.000	0	90.0
2	1.0000	0.000	90.0000	21.000	0	90.0
3	1.0000	64.800	90.0000	21.000	1	90.0

\* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	21.0	101.0	337.96
2	71.5	77.0	490.85
3	154.0	88.0	836.86
4	201.0	90.0	611.55
5	246.0	68.0	852.95

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.4600	-150.000	0.0000	0.000	0	90.0
2	1.0000	0.000	90.0000	21.000	0	90.0
3	0.7500	150.000	90.0000	21.000	1	90.0

\* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	21.0	70.0	418.43
2	201.0	90.0	1400.13

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
3	246.0	68.0	901.23

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	76	0.902
2	0	1
3	27.5	0.866

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	150.2	0.633
2	0	1
3	-163.9	0.438

Antenna Monitor: POTOMAC INSTRUMENTS 1901

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

- 1 The licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

## Special operating conditions or restrictions:

## 2 MONITOR POINTS:

323° True North - point located in open field 10 feet diagonally south of the intersection of Sherman Avenue and 21st Street, 3.15 km from site, max 153 mV/m daytime.

56° True North - point located 350 feet south of the intersection of Highway 111 and entrance to Horseshoe State Park, 72 feet south of transformer pole and in line with power line that runs north of that pole, 5.2 km from site, max 46.2 mV/m nighttime.

71.5° True North - point located 155 paces east of Theikler Road on driveway of 535702 Thiekler Road, 4.59 km from site, max 17 mV/m nighttime.

84.5° True North - from intersection of Highway 111 and Sand Prairie Lane, proceed left onto Sand Prairie 1.13 km to driveway/farm road on east side of road, point located 50 feet west of highway, across from driveway located on east side of highway, 4.25 km from site, max 22.8 mV/m nighttime.

154° True North - point located at south edge of pavement opposite center of intersection of 47th Street and Maryland Street, 2.62 km from site, max 285 mV/m nighttime.

280° True North - .point located on west side of Walnut Street, just north of intersection of Walnut and Hildebrandt Street, across from gas pipeline warning sign located inside fenced area, 2.41 km from site, max 73 mV/m nighttime.

338.5° True North - point located on sidewalk on south side of Delmar, between 2646 and 2650 Delmar, 0.16 km from intersection of Delmar and 27th Street, 4.88 km from site, max 33.3 mV/m nighttime.

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