



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: September 29, 2015

Facility Id: 5152

Call Sign: WYFQ

This license expires 3:00 a.m.
local time, December 01, 2019.

License File Number: BL-20150624ACA

This license covers permit no.: BP-20140617ABF
Coordinates correction
Non-commercial education station

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

Name of Licensee: BIBLE BROADCASTING NETWORK, INC.

Station Location: CHARLOTTE, NC

Frequency (kHz): 930

Station Class: B

Antenna Coordinates:

Day

Latitude: N 35 Deg 16 Min 05 Sec

Longitude: W 80 Deg 54 Min 11 Sec

Night

Latitude: N 35 Deg 16 Min 05 Sec

Longitude: W 80 Deg 54 Min 11 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: 1.0

Antenna Input Power (kW): Day: 5.0 Night: 1.08

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 12.65 Night: 4.65

Resistance (ohms): Day: 31.25 Night: 50

Non-Directional Antenna: Day

Radiator Height: 73.4 meters; 82 deg

Theoretical Efficiency: 300.465 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1002305	

Night:

Tower No.	ASRN	Overall Height (m)
1	1002306	
2	1002305	
3	1002324	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 354.06
 Standard RMS (mV/m/km):
 Augmented RMS (mV/m/km): Night: 373.77
 Q Factor: Night:

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.7100	-153.000	0.0000	0.000	0	82.0
2	1.0000	0.000	90.0000	280.000	0	82.0
3	0.4900	134.000	180.0000	280.000	0	82.0

* 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	10.0	32.0	57.94
2	18.0	16.0	96.56
3	26.5	33.0	204.42
4	162.5	10.0	331.24
5	169.0	13.0	255.56
6	175.5	13.0	172.62
7	182.0	13.0	112.17
8	188.5	13.0	59.55
9	195.0	13.0	68.40
10	201.5	13.0	88.51
11	208.0	13.0	105.41
12	232.0	38.0	120.70
13	338.0	32.0	123.92
14	354.0	32.0	101.39

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-147	0.763
2	0	1
3	139.1	0.591

Antenna Monitor: POTOMAC INSTRUMENTS AM-1901-3

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
10	3.83	8.6
188.5	4.31	7.5
232	4.75	18
277	4.49	31.2
338	3.91	30.25

Special operating conditions or restrictions:

- 1 The permittee/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.
- 2 Licensee shall be responsible for satisfying all reasonable complaints of blanketing interference within the 1 V/m contour as required by Section 73.88 of the Commission's rules.
- 3 Ground system consists of 120 equally spaced, buried, copper radials about the base of each tower, each 265' in length except where they would overlap. Points of intersection connected by transverse copper bonding straps. 48' square copper ground screen under each tower.

Special operating conditions or restrictions:

4 MONITOR POINT DESCRIPTIONS

10 - From intersection of Brookeshire Boulevard and Oakdale Road, proceed right on Oakdale 2.9 km to parking lot of Pleasant Grove Methodist Church, point located 50 feet east out on line perpendicular to NE corner of church office building, 3.83 km from site, max 8.6 mV/m nighttime.

188.5 - From intersection of Wilkinson Boulevard and Alleghany Street, proceed left ton Alleghany 0.32 km to small creek that crosses the street, 4.31 km from site, max 7.5 mV/m nighttime.

232 - From intersection of Little Road and Tuckaseegee Road, proceed on Little Road to 0.6km under I-85 to Access Road, proceed right onto Access Road 0.3 km to point on side of road next to I-85, 4.75 km from site, max 18 mV/m nighttime.

277 - From intersection of Moores Chapel Road and Sullins Road, turn left onto Sullins and continue 0.32 km to point on side of road in front of Stonehurst Drive, 4.49 km from site, max 31.2 mV/m nighttime.

338 - Point is located on side of road opposite 7324 Old Plank Road, 3.91 km from site, max 30.25 mV/m nighttime.

*** END OF AUTHORIZATION ***