



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

Twin City Broadcasting Company, LLC
704 N. Trade St.
WINSTON-SALEM NC 27101

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: August 09, 2000

Facility Id: 67831

Call Sign: WWBG

This license expires 3:00 a.m.
local time, December 01, 2003.

License File Number: BL-20000711AAW

This License Covers Permit No.: BP-19991206AAK

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.	5:30 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.	5:00 AM	7:45 PM	Dec.	7:30 AM	5:00 PM

Callsign: WWBG

License No.: BL-20000711AAW

Name of Licensee: Twin City Broadcasting Company, LLC

Station Location: GREENSBORO, NC

Frequency (kHz): 1470

Station Class: B

Antenna Coordinates:

Day

Latitude: N 36 Deg 09 Min 01 Sec

Longitude: W 79 Deg 54 Min 48 Sec

Night

Latitude: N 36 Deg 09 Min 01 Sec

Longitude: W 79 Deg 54 Min 48 Sec

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

Nominal Power (kW): Day: 10.0 Night: 5.0

Antenna Input Power (kW): Day: 10.53 Night: 5.4

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 14.5 Night: 10.4

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1006661	
2	1006662	
3	1006663	

Night:

Tower No.	ASRN	Overall Height (m)
1	1006660	
2	1006661	
3	1006664	
4	1006662	
5	1006663	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 1026.6 Night: 781.72
 Standard RMS (mV/m/km): Night: 821.31
 Augmented RMS (mV/m/km): Day: 1081.77
 Q Factor: Day: 31.62 Night: 27.36

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.1530	-116.900	0.0000	0.000	0	107.7
2	1.0000	0.000	100.2000	297.000	0	107.7
3	0.4370	107.600	200.4000	297.000	0	107.7

* 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	253.0	20.0	663.30

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.4720	-136.700	0.0000	0.000	0	107.7
2	1.0000	0.000	100.2000	297.000	0	107.7
3	0.2280	239.400	145.3000	166.000	1	107.7
4	0.6620	150.100	200.4000	297.000	0	107.7
5	0.2130	-56.900	300.6000	297.000	0	107.7

* Tower Reference Switch

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

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
2	-34.4	0.407
3	0	1
4	52.4	0.599

Night Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
1 -115	0.563
2 0	1
3 113.3	1.58
4 -95.9	0.676
5 -100	0.689

Antenna Monitor: Potomac Instruments 1901-5

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Day Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
253	6.08	13.41
341	6.15	10.04

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
23.5	6.52	0.52
281.5	5.29	2.36

Special operating conditions or restrictions:

- 1 The permittee/licensee 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.

*** END OF AUTHORIZATION ***