



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

Authorizing Official:

Official Mailing Address:

TOWNSQUARE MEDIA BINGHAMTON LICENSE, LLC  
 C/O TOWNSQUARE MANAGEMENT COMPANY, LLC  
 240 GREENWICH AVENUE  
 GREENWICH CT 06830

Son Nguyen  
 Supervisory Engineer  
 Audio Division  
 Media Bureau

Facility Id: 72372

Call Sign: WNBF

License File Number: BL-19991018AAO

Grant Date: June 13, 2000

This license expires 3:00 a.m.  
 local time, June 01, 2006.

This authorization re-issued to correct daytime radiator height in degrees and the daytime theoretical efficiency. (9/19/00)

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

Name of Licensee: TOWNSQUARE MEDIA BINGHAMTON LICENSE, LLC

Station Location: BINGHAMTON, NY

Frequency (kHz): 1290

Station Class: B

Antenna Coordinates:

Day

Latitude: N 42 Deg 03 Min 29 Sec
Longitude: W 75 Deg 57 Min 15 Sec

Night

Latitude: N 42 Deg 03 Min 29 Sec
Longitude: W 75 Deg 57 Min 15 Sec

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

Nominal Power (kW): Day: 9.3 Night: 5.0

Antenna Input Power (kW): Day: 9.3 Night: 5.4

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 6.41 Night: 10.39

Resistance (ohms): Day: 226 Night: 50

Non-Directional Antenna: Day

Radiator Height: 116.13 meters; 179.8 deg

Theoretical Efficiency: 381.1 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No. ASRN Overall Height (m)
1 1004229

Night:

Tower No. ASRN Overall Height (m)
1 1004229
2 1213073
3 1213074

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 762.14  
 Standard RMS (mV/m/km):  
 Augmented RMS (mV/m/km): Night: 832.32  
 Q Factor: Night: 22.361

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	97.0
2	0.6450	-141.900	120.0000	341.000	0	97.0
3	0.6450	141.900	120.0000	161.000	0	97.0

\* 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	0.0	32.0	1470.14
2	16.0	38.0	1356.08
3	46.0	22.0	667.88
4	70.5	38.0	64.37
5	80.0	20.0	152.89
6	95.0	10.0	188.29
7	100.0	10.0	172.20
8	105.0	10.0	164.15
9	110.0	10.0	138.56
10	115.0	10.0	144.52
11	120.0	10.0	154.50
12	136.0	49.8	416.40
13	161.0	50.0	579.36
14	186.0	49.8	410.38
15	205.0	10.0	128.91
16	210.9	21.8	137.86
17	222.0	22.0	173.81
18	242.5	15.0	156.11
19	251.5	38.0	80.47
20	276.0	49.0	675.92
21	306.0	60.0	1356.58
22	325.0	32.0	1465.79

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
23	341.0	70.0	1541.41

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Sample	Monitor Current Ratio
1	0	1	
2	56.8	0.258	
3	139	0.27	

Antenna Monitor: Delta DAM-1

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)
89.5	5.25	22
161	4.49	57.05
210.9	6.34	4
251.5	5.39	2.66

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.

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