



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

Townsquare License, LLC
 1 Manhattanville Road
 Suite 202
 Purchase NY 10577

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 72372

Call Sign: WNBF

License File Number: BZ-20100201AHN

Grant Date: May 06, 2010

This license expires 3:00 a.m.
 local time, June 01, 2014.

DM due to STA operation.

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 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: 10.2 Night: 10.39

Resistance (ohms): Day: 89.5 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 Monitor Sample Current Ratio
1	0	1
2	-141	0.425
3	141	0.425

Antenna Monitor: POTOMAC INSTRUMENTS AM 1900 (IJ3PI1900)

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.
- 2 Ground system consists of 120 equally spaced, buried, copper radials, each 57.9 meters in length except where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers, plus a copper ground screen 14.6 meters square, about the base of each tower.
- 3 Daytime tower #1(C) consists of a vertical, guyed, series fed radiator 179.8 degrees, insulated at the 97 degree point for nighttime operation. Towers #2(NW) and #3(SW) are both vertical, tapered, self-supporting series fed radiators.

MONITOR POINT DESCRIPTIONS

89.5° - From the intersection of Morgan Road and Roberts Road, proceed left on Roberts for 1.45 km to point located on north side of road, 5.25 km from site, max 22.0 mV/m nighttime.

161° - From the intersection of Hawleytown Road and Hance Road, proceed right on aAnce for 1.93 km to point located on the south side of the road, 4.49 km from site, max 57.1 mV/m nighttime.

210.9° - From intersection of Route 26 South and State Line Road, proceed left on State Line Road for 0.8 km to point located on left side of driveway entrance, 6.34 km from site, max 4.0 mV/m nighttime.

251.5° - From the intersection of Horan Road and Bunn Hill Road, proceed left on Bunn Hill for 3.7 km to point located on east side of road, 5.39 km from site, max 3.3 mV/m nighttime.

*** END OF AUTHORIZATION ***