



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: 14895

Call Sign: WADB

License File Number: BML-20150806ABM

Grant Date: February 22, 2016

This license expires 3:00 a.m.  
local time, June 01, 2022.

This license modifies license no.: BR-20140130ACN

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.	6:45 AM	5:30 PM	Aug.	5:00 AM	7:00 PM
Mar.	6:15 AM	6:00 PM	Sep.	5:30 AM	6:00 PM
Apr.	5:15 AM	6:30 PM	Oct.	6:00 AM	5:15 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	4:30 PM

Name of Licensee: Townsquare License, LLC

Station Location: ASBURY PARK, NJ

Frequency (kHz): 1310

Station Class: B

Antenna Coordinates:

Day

Latitude: N 40 Deg 13 Min 47 Sec

Longitude: W 74 Deg 05 Min 27 Sec

Night

Latitude: N 40 Deg 13 Min 47 Sec

Longitude: W 74 Deg 05 Min 27 Sec

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

Nominal Power (kW): Day: 2.5 Night: 1.0

Antenna Input Power (kW): Day: 2.7 Night: 1.08

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 7.35 Night: 4.65

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN
1	None
2	None
3	None
4	None

Night:

Tower No.	ASRN
1	None
2	None
3	None
4	None

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 514.1 Night: 331.9  
 Standard RMS (mV/m/km): Day: 540.06 Night: 348.68  
 Augmented RMS (mV/m/km):  
 Q Factor: Day: 15.8 Night: 10.9

Theoretical Parameters:

Day 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	90.0
2	1.0000	139.000	90.0000	310.000	0	90.0
3	1.0000	-115.000	183.6000	336.000	0	90.0
4	1.0000	128.000	110.0000	357.000	0	90.0

\* Tower Reference Switch

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

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	90.0
2	1.1990	161.123	90.0000	310.000	0	90.0
3	1.1860	-87.860	183.6000	336.000	0	90.0
4	1.1660	90.079	110.0000	357.000	0	90.0

\* 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
1	-142.1	1.329
2	0	1
3	95.6	0.891
4	-26.9	1.184

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-172	0.797
2	0	1
3	99.4	0.688

Night Directional Operation:

Twr. Phase	Antenna Monitor
No. (Deg.)	Sample Current Ratio
4 -75.7	0.829

Antenna Monitor: POTOMAC INSTRUMENTS1901

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)
4.5	3.14	20.93
53	1.69	30.8
254	2.41	11.2
302	1.71	42.5

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
45	1.82	54.91
226	3.81	1.64
308.5	1.74	13.35

Special operating conditions or restrictions:

- 1 Ground system consists of 120 equally spaced, buried copper radials about the base of each tower, each 57/3 meters in length except where terminated by property boundaries or where intersecting radial are shortened and bonded to a transverse copper strap midway between adjacent towers, plus 120 interspersed radials 15.2 meters in length about the base of each tower. Plus RF ground well at tower #1.
- 2 MONITOR POINT DESCRIPTIONS  
  
4.5° - Leaving the WADB transmitter access road, turn right onto Essex Road and continue to its intersection with Asbury Avenue. Turn left onto Asbury Avenue and proceed west approximately 1.25 miles to its intersection with Shafto Road. Turn right onto Shafto Road and proceed north approximately 0.8 mile to its intersection with West Park Avenue. Turn right on West Park Avenue and proceed east approximately 0.25 mile. The monitoring location is on the south side of the road at the curb, across from utility pole JC495TF. Daytime

## Special operating conditions or restrictions:

3 53° - Leaving the WADB transmitter access road, turn right onto Essex Road and continue to its intersection with Asbury Avenue. Turn right onto Asbury Avenue and proceed east approximately 0.3 miles to its intersection with Green Grove Road. Turn left on Green Grove Road and proceed north approximately 0.25 mile to the first intersection with Tilton Drive. Turn right on Tilton Drive. The monitoring location is in front of a yellow frame house with a brick front at 12 Tilton Drive. Daytime

254° - Leaving the WADB transmitter access road, turn left onto Essex Road and bear right onto Jumping Brook Road. Proceed on Jumping Brook Road to State Route 66. Turn right on Route 66 and proceed west approximately 0.9 mile to Shark River Road. Turn right on Shark River Road and proceed approximately one mile to its intersection with Shafto Road. The monitoring location is on the north side of Shark River Road approximately 100 feet east of the intersection of Shafto Road, on the west side of a vehicle access clearing. Daytime

302.5° - Leaving the WADB transmitter access road, turn left onto Essex Road and bear right onto Jumping Brook Road. Proceed on Jumping Brook Road to State Route 66. Turn right on Route 66 and proceed west approximately 0.9 mile to Shark River Road. Turn right on Shark River Road and continue approximately one mile to its intersection with Shafto Road. Turn right on Shafto Road and proceed north 1.15 miles to the entrance of the Monmouth County Landfill across from 3058 Shafto Road. Turn left into the entrance. The monitoring location is on the north side of the driveway, at the eastern point of a large rock. Daytime

45° - Leaving the WADB transmitter access road, turn right onto Essex Road and continue to its intersection with Asbury Avenue. Turn right onto Asbury Avenue and proceed east approximately 0.3 miles to its intersection with Green Grove Road. Turn left on Green Grove Road and proceed approximately 0.5 mile to the second intersection with Tilton Drive. Turn right onto Tilton Drive. The monitoring location is three paces west of a CATV header at the sidewalk between 26 and 28 Tilton Drive. Nighttime

226° - Leaving the WADB transmitter access road, turn left onto Essex Road and bear right onto Jumping Brook Road. Proceed on Jumping Brook Road to State Route 66. Cross Route 66 and continue south on Jumping Brook Road approximately 0.7 mile to Schoolhouse Road. Bear right onto Schoolhouse Road and proceed south approximately 1.9 miles to Belmar Boulevard. Turn right on Belmar Boulevard and continue west 0.8 mile to its intersection with State Route 34. Turn right on Route 34 and proceed north 0.3 mile to the parking lot of an office building, #1450. The monitoring location is in the median between the west side of the parking lot and the east side of Route 34, adjacent to a ground panel marked "Electric". Nighttime

308.5° - Leaving the WADB transmitter access road, turn right onto Essex Road and continue to its intersection with Asbury Avenue. Turn left onto Asbury Avenue and proceed west approximately 1.25 miles to its intersection with Shafto Road. Turn left on Shafto Road and proceed approximately 0.6 mile to a standpine located along the west side of the road, across from 3016 Shafto Road. The monitoring location is near the tree line approximately ten feet west of the standpine. Nighttime

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