



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

DAVIDZON RADIO, INC.
2508 CONEY ISLAND AVENUE
2ND FLOOR
BROOKLYN NY 11223

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 61643

Call Sign: WSNR

License File Number: BZ-20150724AIG

Grant Date: October 29, 2015

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

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.	4:30 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

Callsign: WSNR

License No.: BZ-20150724AIG

Name of Licensee: DAVIDZON RADIO, INC.

Station Location: JERSEY CITY, NJ

Frequency (kHz): 620

Station Class: B

Antenna Coordinates:

Day

Latitude: N 40 Deg 47 Min 53 Sec

Longitude: W 74 Deg 06 Min 24 Sec

Night

Latitude: N 40 Deg 47 Min 53 Sec

Longitude: W 74 Deg 06 Min 24 Sec

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

Nominal Power (kW): Day: 3.0 Night: 7.6

Antenna Input Power (kW): Day: 3.24 Night: 8.00

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 8.05 Night: 12.65

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1045373	
2	1045374	
3	1045375	
4	1045376	
5	1045377	

Night:

Tower No.	ASRN	Overall Height (m)
1	1045373	
2	1045374	
3	1045375	
4	1045376	
5	1045377	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 497.7 Night: 877.3
 Standard RMS (mV/m/km): Day: 524.68 Night: 923.24
 Augmented RMS (mV/m/km):
 Q Factor: Day: Night:

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	68.0
2	2.5900	159.900	88.2000	307.700	0	68.0
3	3.3600	-39.200	179.9000	308.500	0	90.8
4	2.5200	121.500	271.0000	308.500	0	68.0
5	0.9200	-82.400	361.3000	308.700	0	68.0

* 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	68.0
2	2.9300	152.600	88.2000	307.700	0	68.0
3	3.9800	-54.200	179.9000	308.500	0	90.8
4	2.8400	101.600	271.0000	308.500	0	68.0
5	0.9900	-104.300	361.3000	308.700	0	68.0

* Tower Reference Switch

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

Day Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
1 42.6	0.51
2 -162.4	1.56
3 0	1
4 157.7	1.835
5 -46	0.647

Night Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
1 43.3	0.626

Night Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
2 -157.3	1.799
3 0	1
4 153.1	1.487
5 -57.6	0.405

Antenna Monitor: POTOMAC INSTRUMENTS AM-1901

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)
5	4.7	18.75
37	7.81	8.54
71	4.2	14
187.5	19.05	5.58
219.5	6.39	14.87
252.5	6.81	9.71
280.5	6.11	14.14
338.5	6.15	7.59

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
37	7.81	17.45
58.5	6.11	30.87
200	7.13	8.18
219.5	6.39	28.98
273.5	3.86	23.58
348.5	4.02	21.06

Special operating conditions or restrictions:

- 1 Operation with the facilities specified herein is subject to modification, suspension or termination without right to hearing, as may be necessary to carry out the applicable provisions of the ITU Radio Regulations, the Final Acts of the ITU Administrative Conference on Medium Frequency Broadcasting in Region 2 (Rio de Janeiro, 1981), or any bilateral or multilateral agreements(s) of the United States.
- 2 Ground system consists of 120 equally spaced buried copper radials about the base of each tower extending up to 121 meters except where terminated by property boundaries or where intersecting radials are shortened and bonded plus a 7.3 m x 7.3 m copper ground screen will be located at the base of each tower.

Special operating conditions or restrictions:

3 MONITOR POINT DESCRIPTIONS

5° - Located on Poplar Street, 25 yards SW of Hoboken Road along curb in front of red garage door to Park Generator Company, near intersection of Poplar and Hoboken, 4.7 km from site, max 18.75 mV/m daytime.

37° - Located along curb on N corner of intersection of Monnett Street and Couchon Drive, 7.81 km from site, max 8.54 mV/m daytime, max 17.45 mV/m nighttime.

71° - Located at "no dumping" sign on Transco Gas Company entrance road, 0.24 km from intersection with Paterson Plank Road, , 4.2 km from site, max 14.00 mV/m daytime.

187.5° - Located next to a large tree just northwest of the intersection at Decker Ave. and Montell St. 1905 km from site, max 5.58 mV/m daytime.

219.5° - Located opposite Utility Pole No. 1203 on the N side of the West Hudson Park entrance road, 0.89 km from the entrance to the park on Dukes Street, 6.39 km from site, max 14.87 mV/m daytime, max 29.98 mV/m nighttime.

252.5° - Located in shopping center parking lot, at shopping cart return closest to NE entrance to shopping center, on Belmont Avenue, 0.48 km from intersection of Belmont and Monteith Street, 6.81 km from site, max 9.71 mV/m daytime.

280.5° - Located adjacent to stone bench, on left side split of roadway 0.16 km from entrance to Glendale Cemetery (on Hoover Avenue), on W side of road opposite Wiener headstone, 6.11 km from site, max 14.14 mV/m daytime.

338.5° - Located directly on the northeast corner of Van Houten Ave and Barry Pl., 5.23 km from site, max 4.04 mV/m daytime.

58.5° - Located at south end of concrete barrier on Commerce Boulevard, 0.72 km from intersection of Commerce and Washington Avenue, 6.11 km from site, max 30.87 mV/m nighttime.

200° - Located on top of water meter approx 20 feet W of NW corner of intersection of Albert Avenue and Joseph Street, 7.13 km from site, max 8.18 mV/m nighttime.

273.5° - Located on SE corner of intersection of Overlook Avenue and Bremond Street, 3.86 km from site, max 23.58 mV/m nighttime.

348.5° - Located on W corner of intersection of Santiago Avenue and Francisco Avenue, 4.02 km from site, max 21.06 mV/m nighttime.

*** END OF AUTHORIZATION ***