



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

Ritmo Broadcasting, LLC
2224 FEDERAL ST.
CAMDEN NJ 08105

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 55310

Call Sign: WIFI

License File Number: BZ-20190522AAS

Grant Date: March 03, 2020

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

License No.: BZ-20190522AAS

Name of Licensee: Ritmo Broadcasting, LLC

Station Location: FLORENCE, NJ

Frequency (kHz): 1460

Station Class: B

Antenna Coordinates:

Day

Latitude: N 40 Deg 04 Min 53 Sec

Longitude: W 74 Deg 47 Min 41 Sec

Night

Latitude: N 40 Deg 04 Min 53 Sec

Longitude: W 74 Deg 47 Min 41 Sec

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

Nominal Power (kW): Day: 5.0 Night: 0.5

Antenna Input Power (kW): Day: 5.4 Night: 0.54

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 10.4 Night: 3.29

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: 639.4 Night: 202.2
 Standard RMS (mV/m/km): Day: 671.78 Night: 212.44
 Augmented RMS (mV/m/km):
 Q Factor: Day: 10 Night: 22.36

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.8000	-87.000	0.0000	0.000	0	97.0
2	0.9500	0.000	105.0000	314.000	0	97.0
3	0.8000	-87.000	168.0000	44.000	0	97.0
4	1.0000	0.000	198.1130	11.995	0	97.0

* 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	0.8000	-87.000	0.0000	0.000	0	97.0
2	0.9500	0.000	105.0000	314.000	0	97.0
3	0.8000	-87.000	168.0000	44.000	0	97.0
4	1.0000	0.000	198.1130	11.995	0	97.0

* 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	0	1
2	84	0.47
3	44	0.44
4	100	0.64

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	84	0.47
3	44	0.44

Night Directional Operation:

Tw. Phase	Antenna Monitor
No. (Deg.)	Sample Current Ratio
4 100	0.64

Antenna Monitor: POTOMAC AM19 (TYPE 204)

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)
39.5	3.2	18
227.5	3.27	32.6
284.5	2.62	41.4
347	3.5	15.6

Special operating conditions or restrictions:

- DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM
No. and Type of Elements: Four (4) vertical, guyed, shunt-excited folded unipoles of uniform cross section.

Ground System consists of 120-51.8 m equally spaced, buried copper wire radials about the base of each tower. Radials are shortened and bonded to copper strap midway between elements.
- Licensee shall be responsible for satisfying all reasonable complaints of blanketing interference within the 1 V/m contour as required by Section 73.88 of the Commission's rules.
- 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.

Special operating conditions or restrictions:

- 4 Direction of 227.5° true North 3.37 km 40.06178, -74.8235:
From station driveway turn left onto Columbus Road 0.2 miles to Old York Road. Turn right onto Old York Road 1.7 miles to Mill Lane. Turn left onto Mile lane 0.6 miles to Jacksonville Road. Turn right onto Jacksonville Road 0.5 miles to the Monitor point. Point is on an unknow Business Entrance 100 feet SW of Jacksonville Road just short of Oxmead Road. It is 3.37 km from the antenna. The field intensity measured at this point should not exceed 32.6 mV/m.

Direction of 284.5° true North 2.62 km 40.08811, -74.8239:
From station driveway turn left onto Columbus Road. Turn right Columbus Road 1.5 mile to Neck Road. Turn right on Neck Road 0.6 mile to the Monitor Point. The point is on an unknown Business Entrance 150 ft NW of Neck Road. It is 2.62 km from the antenna. The field intensity should not exceed 41.4 mV/m.

Direction of 347° true North 3.50 km 40.11252, -74.8033:
From station driveway turn left onto Columbus Road 0.2 miles to Old York Road. Turn left onto Old York Road 3.4 mile to Olive Street. Turn left on Olive Street continuing straight onto Firehouse Lane 0.8 mile to Florence Tollgate 3. The monitor point is 100 feet NE on Florence Tollgate 3 on the east sidewalk. It is located 3.5 km from the antenna. The field intensity should not exceed 15.6 mV/m.

Direction of 39.5° true North 3.20 km 40.13287, -70.7709
From station driveway turn left onto Columbus Road. 0.2 miles to Old York Road. Turn left onto Old York Road 1.9 miles to Potts Mill Road. Turn left onto Potts Mill Road 0.6 mile to the Monitor Point. The point is on the West side of the road 30 ft North of the circle driveway of 1026 Potts Mill Road. It is 3.2 km from the antenna. The field intensity measured at this point should not exceed 17.5 mV/m.

*** END OF AUTHORIZATION ***