



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

CLEAR CHANNEL BROADCASTING LICENSES, INC.
 2625 S MEMORIAL DR, SUITE A
 TULSA OK 74129

Son Nguyen
 Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 51973

Call Sign: WFXJ

License File Number: BZ-20140602BEX

Grant Date: September 25, 2014

This license expires 3:00 a.m.
 local time, February 01, 2020.

This supersedes authorization of same date to correct antenna registration number, nighttime power, nighttime augmented RMS and description of directional antenna. HKC 12/10/2014.

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

Name of Licensee: CLEAR CHANNEL BROADCASTING LICENSES, INC.

Station Location: JACKSONVILLE, FL

Frequency (kHz): 930

Station Class: B

Antenna Coordinates:

Day

Latitude: N 30 Deg 17 Min 09 Sec
Longitude: W 81 Deg 44 Min 52 Sec

Night

Latitude: N 30 Deg 17 Min 09 Sec
Longitude: W 81 Deg 44 Min 52 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: 5.0

Antenna Input Power (kW): Day: 5.0 Night: 5.4

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 6.32 Night: 10.39

Resistance (ohms): Day: 125 Night: 50

Non-Directional Antenna: Day

Radiator Height: meters; 200.8 deg
Theoretical Efficiency: 410.38 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1049476	

Night:

Tower No.	ASRN	Overall Height (m)
1	1049476	
2	1049477	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 756.39
 Standard RMS (mV/m/km):
 Augmented RMS (mV/m/km): Night: 798.14
 Q Factor: Night: 22.36

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	30.000	0.0000	0.000	0	200.8
2	0.9000	0.000	185.0000	153.000	0	93.3

* 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	2.5	13.0	177.03
2	9.0	13.0	123.20
3	20.0	10.0	332.80
4	144.5	13.0	381.41
5	151.0	13.0	358.88
6	158.0	14.0	381.58
7	295.0	10.0	128.75
8	300.0	10.0	136.79
9	321.5	13.0	447.20
10	333.0	10.0	447.40
11	356.0	13.0	281.64

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	155	0.342
2	0	1

Antenna Monitor: POTOMAC INSTRUMENTS AM-19(204)

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)
9	3.3	62
20	3.6	77.7
151	2.8	93
295	6.99	12
333	3.61	107
356	40	101.7

Special operating conditions or restrictions:

1 The authority herein granted is subject to the condition that radiation toward CMKN, Santiago De Cuba, Cuba is less than 320.2 mV/m/km (on the ground corrected for a 0.311 antenna).

2 DESCRIPTION OF AND FIELD INTENSITY MEASURED AT MONITORING POINTS:

Direction of 9° True North: To reach this point from transmitter, go East on Hyde Grove Avenue 0.2 mile to Niblick Drive, turn right onto Niblick Drive and proceed 0.17 mile to San Juan Avenue. Turn left (east) onto San Juan Avenue and proceed for a distance of 0.8 mile to Cassat Avenue. Turn left (north) onto Cassat Avenue and continue for a distance of 2.4 miles, passing under Interstate Highway #10 to the westbound entrance to Highway #10. Turn left from Cassat Avenue onto Interstate Highway #10 and proceed in a westerly direction for a distance of 0.57 miles to the monitoring site which is on the north edge of the highway. The monitoring site is located on the north side of the highway about 25 feet south of the Intersection of Cassidy and Chiquita Street, on Highway #10. The monitoring site is 2.0 miles from the antenna. The field intensity measured at this point should not exceed 62 mV/m

Special operating conditions or restrictions:

- 3 Direction of 20°: To reach this point from transmitter, proceed to Hyde Grove Avenue. Go East on Hyde Grove Avenue 0.2 mile to Niblick Drive, turn right onto Niblick Drive and proceed 0.17 mile to San Juan Avenue. Turn left (east) onto San Juan Avenue and proceed for a distance of 0.8 mile to Cassat Avenue. Turn left (north) onto Cassat Avenue and continue for a distance of 2.4 miles, passing under Interstate Highway #10 to the westbound entrance to Highway #10. Turn left from Cassat Avenue onto Interstate Highway #10 and proceed in a westerly direction for a distance of 0.27 miles to the monitoring site which is on the north edge of the highway. The monitoring site is located on the north side of the highway about 150 feet west of the extended centerline of Beautyrest Street directly in line with the Simmons Company building. The monitoring site is 2.23 miles from the antenna. The field intensity measured at this point should not exceed 77.7 mV/m.

Direction of 151°: To reach this point from transmitter, proceed to Hyde Grove Avenue. Go East on Hyde Grove Avenue 0.2 mile to Niblick Drive, turn right onto Niblick Drive and proceed 0.17 mile to San Juan Avenue. Turn left (east) onto San Juan Avenue and proceed for a distance of 0.8 mile to Cassat Avenue. Turn right (south) onto Cassate Avenue and proceed for a distance of 0.41 mile to Blanding Boulevard. Turn right onto Blanding Boulevard and proceed for a distance of 0.75 mile to Ortega Farms Boulevard. Turn left onto Ortega Farms Boulevard and proceed for a distance of 0.28 mile, crossing the bridge to the east side of Butcher Pen Creek. The monitoring site is located on the northeast side of the road in the apartment building parking lot. The monitoring site is 1.74 miles from the antenna. The field intensity measured at this point should not exceed 93 mV/m.

Direction of 295°: To reach this point from transmitter, proceed to Hyde Grove Avenue. Go East on Hyde Grove Avenue 0.2 mile to Niblick Drive. Turn right onto Niblick Drive and proceed 0.17 mile to San Juan Avenue. Turn left (east) onto San Juan Avenue and proceed for a distance of 0.8 mile to Cassat Avenue. Turn left (north) onto Cassat Avenue and continue for a distance of 2.4 miles, passing under Interstate Highway #10 to the westbound entrance to Highway #10. Turn left from Cassat Avenue onto Interstate Highway #10 and proceed in a westerly direction for a distance of 4.95 miles to the monitoring site, 2.88 miles west of the monitoring site for Radial (333°). The monitoring site is located on the north side of the highway directly over the culvert. The monitoring site is 4.32 miles from the antenna. The field intensity measured at this point should not exceed 12 mV/m.

Direction of 333°: To reach this point from transmitter, proceed to Hyde Grove Avenue. Go East on Hyde Grove Avenue 0.2 mile to Niblick Drive. Turn right onto Niblick Drive and proceed 0.17 mile to San Juan Avenue. Turn left (east) onto San Juan Avenue and proceed for a distance of 0.8 mile to Cassat Avenue. Turn left (north) onto Cassat Avenue and continue for a distance of 2.4 miles, passing under Interstate Highway #10 to the westbound entrance to Highway #10. Turn left from Cassat Avenue onto Interstate Highway #10 and proceed in a westerly direction for a distance of 2.07 miles to the monitoring site which is approximately 550 feet east of Dennard Street and 0.87 mile west of the monitoring site for radial J (356°). The monitoring site is located on the north side of the highway about 100 feet east of the Marietta and Lake City route sign. The monitoring site is 2.21 miles from the antenna. The field intensity measured at this point should not exceed 107 mV/m.

Special operating conditions or restrictions:

4 Direction of 356°: To reach this point from transmitter, proceed to Hyde Grove Avenue. Go East on Hyde Grove Avenue 0.2 mile to Niblick Drive. Turn right onto Niblick Drive and proceed 0.17 mile to San Juan Avenue. Turn left (east) onto San Juan Avenue and proceed for a distance of 0.8 mile to Cassat Avenue. Turn left (north) onto Cassat Avenue and continue for a distance of 2.4 miles, passing under Interstate Highway #10 to the westbound entrance to Highway #10. Turn left from Cassat Avenue onto Interstate Highway #10 and proceed in a westerly direction for a distance of 1.2 miles to the monitoring site located in the "V" formed by the highway and the exit ramp to Lane Avenue. This location is 0.9 miles west of the monitoring site for radial B (9°). The monitoring site is located on the north side of the highway in the center of the "V" formed by the highway and the exit ramp to Lane Avenue. The monitoring site is 2.0 miles from the antenna. The field intensity measured at this point should not exceed 86 mV/m.

5 DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Two (2) series excited, vertical radiators; Northwest (#1) tower; guyed, uniform cross-section; Southwest (#2) tower; self-supporting, tapered. One STL antenna side mounted on tower #1 (NW).

Ground System consists of 50.3 m-105.2 m equally spaced buried copper radials about each tower.

*** END OF AUTHORIZATION ***