



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

SALEM MEDIA OF ILLINOIS, LLC
 4880 SANTA ROSA ROAD
 CAMARILLO CA 93012

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 21810

Call Sign: WORL

License File Number: BL-20140416ABR

Grant Date: October 17, 2014

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

License to cover BP-20120718ABO to change the daytime pattern.

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

Callsign: WORL

License No.: BL-20140416ABR

Name of Licensee: SALEM MEDIA OF ILLINOIS, LLC

Station Location: ALTAMONTE SPRINGS, FL

Frequency (kHz): 660

Station Class: B

Antenna Coordinates:

Day

Latitude: N 28 Deg 41 Min 35 Sec

Longitude: W 81 Deg 20 Min 57 Sec

Night

Latitude: N 28 Deg 41 Min 35 Sec

Longitude: W 81 Deg 20 Min 57 Sec

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

Nominal Power (kW): Day: 3.5 Night: 1.0

Antenna Input Power (kW): Day: 3.78 Night: 1.08

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 8.69 Night: 4.64

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1056561	
2	1056562	

Night:

Tower No.	ASRN	Overall Height (m)
1	1056561	
2	1056563	
3	1056562	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 564.69 Night: 290.98

Standard RMS (mV/m/km): Day: 593.25

Augmented RMS (mV/m/km): Night: 305.86

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	55.0
2	0.5550	134.000	120.0000	180.000	0	55.0

* 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	55.0
2	1.9900	-122.800	60.0000	180.000	0	55.0
3	1.0000	-245.600	120.0000	180.000	0	55.0

* 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	10.0	34.00
2	31.0	10.0	36.40
3	329.0	10.0	45.20
4	342.5	10.0	33.40

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-131	0.58
3	0	1

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	107	0.625
2	0	1
3	-120	0.37

Antenna Monitor: POTOMAC INSTRUMENTS AM-1901

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 The antenna shall be excited with a symmetrical folded unipole feed, utilizing a minimum of three folds. Slant wire is not permitted.
- 3 Nighttime towers consist of towers #1(N), #2(C), and #3(S), referenced in that order, while daytime towers consist of towers #1(N) and #3(S), referenced in that order.

Special operating conditions or restrictions:

4 Monitor Point Descriptions:

Daytime:

112.5° - point located in center of driveway apron to 737 Poinsettia Street, Casselberry, FL, 2.23 km from site, max 92.8 mV/m.

247.5° - point located in center of driveway apron to 1591 Arden Street, Longwood, FL, 2.57 km from site, max 58.8 mV/m.

Nighttime:

0° - point located at curb and east edge of driveway to 857 Silk Oak Terrace, 4.44 km from site, max 4.0 mV/m.

31° - from intersection of CR 427 and General Hutchinson Parkway (GHP), proceed right and then east on GHP for 0.48 km to point located on north edge of GHP, 10 feet west of culvert, 3.55 km from site, max 8.2 mV/m.

329° - point located at the south edge of the road at the center of the driveway at 1417 Canal Point Road, 4.01 km from site, max 6.6 mV/m.

342.5° - point is located 10 feet east of stop sign at intersection of Oak Grove Circle and Valley Wood Way, 3.94 km from site, max 6.4 mV/m.

*** END OF AUTHORIZATION ***