



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

STAR OVER ORLANDO, INC.
357 OCEAN SHORE BOULEVARD
ORMOND BEACH FL 32176

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: May 11, 2015

Facility Id: 129548

Call Sign: WRSO

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

License File Number: BMML-20150304ADE

License to cover construction permit BP-20130429ACX as modified by
BMP-20140211ACD.

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

Name of Licensee: STAR OVER ORLANDO, INC.

Station Location: ORLOVISTA, FL

Frequency (kHz): 810

Station Class: B

Antenna Coordinates:

Day

Latitude: N 28 Deg 34 Min 18 Sec

Longitude: W 81 Deg 26 Min 02 Sec

Night

Latitude: N 28 Deg 34 Min 18 Sec

Longitude: W 81 Deg 26 Min 02 Sec

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

Nominal Power (kW): Day: 20.0 Night: 0.4

Antenna Input Power (kW): Day: 21.06 Night: 0.432

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 20.5 Night: 2.94

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1247871	
2	1247872	
3	1247873	
4	1247874	

Night:

Tower No.	ASRN	Overall Height (m)
1	1247871	
3	1247873	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 1305 Night: 186.7

Standard RMS (mV/m/km): Day: 1371

Augmented RMS (mV/m/km): Night: 196.6

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	90.0
2	0.9310	-99.800	90.0000	81.600	0	90.0
3	0.7440	-101.000	225.0000	7.000	0	90.0
4	0.6800	-11.300	208.1000	343.400	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
3	0.9500	-29.500	225.0000	7.000	0	90.0

* 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	28.5	12.0	18.80
2	139.0	20.0	17.70
3	235.0	20.0	58.90
4	345.5	20.0	29.70

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	95.9	1.114
2	0	1
3	-1.1	0.823

Day Directional Operation:

Tw. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
4	84	0.773

Night Directional Operation:

Tw. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
3	-29	0.976

Antenna Monitor: POTOMAC INSTRUMENTS 1901-4

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

- 1 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.
- 2 The licensee shall perform the measurements described in Section 73.155 at least once within every 24 month period.
- 3 Ground system consists of 120 equally spaced, buried, copper radials about the base of each tower, each 92.5 meters in length except where terminated by property boundaries or where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers.
- 4 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.

*** END OF AUTHORIZATION ***