



**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**AM BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

RADIO VISION CRISTIANA MANAGEMENT  
P.O. BOX 2908  
PATERSON NJ 07509

*Son Nguyen*  
Son Nguyen  
Supervisory Engineer  
Audio Division  
Media Bureau

Facility Id: 50233

Call Sign: WWCL

License File Number: BL-20150320ABZ

Grant Date: **SEP 23 2016**

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

This license covers permit no.: BP-20120319AHB

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	6:00 PM	Jul.	5:45 AM	7:15 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	5:45 AM	7:00 PM	Nov.	6:45 AM	5:30 PM
Jun.	5:30 AM	7:15 PM	Dec.	7:00 AM	5:30 PM

Name of Licensee: RADIO VISION CRISTIANA MANAGEMENT

Station Location: LEHIGH ACRES, FL

Frequency (kHz): 1440

Station Class: B

Antenna Coordinates:

Day

Latitude: N 26 Deg 36 Min 08 Sec

Longitude: W 81 Deg 33 Min 33 Sec

Night

Latitude: N 26 Deg 36 Min 08 Sec

Longitude: W 81 Deg 33 Min 33 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: 1.0

Antenna Input Power (kW): Day: 5.4 Night: 1.08

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 9.65 Night: 4.39

Resistance (ohms): Day: 58 Night: 56

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1277114	
2	1280532	
3	1277115	

Night:

Tower No.	ASRN	Overall Height (m)
1	1277114	
2	1280532	
3	1277115	

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DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 704.89 Night: 315.43

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Day: 740.53 Night: 332.28

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	TL/S
2	0.4610	3.600	170.0000	340.000	0	TL/S
3	0.3360	-246.000	340.0000	340.000	0	TL/S

\* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73.160)

Tower No.	A	B	C	D
1	103.9	1.60	.00	.00
2	103.9	1.60	.00	.00
3	103.9	1.60	.00	.00

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	185.0	10.0	225.31

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.3400	-25.000	0.0000	0.000	0	TL/S
2	1.0000	0.000	170.0000	160.000	0	TL/S
3	0.7520	25.000	340.0000	160.000	0	TL/S

\* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73.160)

Tower No.	A	B	C	D
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Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73.160)

Tower No.	A	B	C	D
2	103.9	1.60	.00	.00
3	103.9	1.60	.00	.00

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	92.0	30.0	343.27
2	107.0	30.0	159.00

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-150	0.346
2	-4	0.435
3	0	1

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	103	0.553
2	0	1
3	-2	0.685

Antenna Monitor: DELTA DAM-1(3-218)

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)
140	6.36	27
160	7.85	19.8
180	9.34	12
270	5	104
340	2.01	219

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
135	6.92	2.9
160	7.85	3.4
185	9.18	2.1
340	2.01	32

Special operating conditions or restrictions:

- 1 Radio Vision Cristiana Management requests waiver of 47 C.F.R. §73.1125 to operate the proposed facility as a "satellite" of co-owned noncommercial educational AM station WWRV(AM), New York, New York (Facility ID No. 54874). Based on the specific representations contained therein, the waiver request IS GRANTED. Applicant shall abide by each representation proffered in the waiver request.
- 2 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.
- 3 Ground System consists of 120 equally spaced, buried, copper radials 175 feet in length, plus 120 interspaced radials 50 feet in length about base of each tower. Radials are shortened and bonded to transverse copper strap midway between adjacent towers.

Special operating conditions or restrictions:

4 DESCRIPTION OF AND FIELD INTENSITY MEASURED AT MONITORING POINTS:

Direction of 135° True North: From the transmitter, proceed to Hines Avenue. Turn north 0.3 miles to East 2nd Street. Turn west 2.15 miles to Country Club Drive. Turn north 0.3 miles to Joel Blvd. Turn west 0.8 miles to Bell Blvd. Turn south 5.2 miles to Florida Hw #82. Turn east 4.8 miles farm road on left. Turn north 3.25 miles to farm road on right. Turn east 1.35 miles to monitoring point in mid road. The field intensity measured at this point should not exceed 12.9 mV/m Nighttime.

Direction of 140° True North: From the transmitter, proceed to Hines Avenue. Turn north 0.3 mile to East 2nd Street. Turn west 2.15 miles to Country Club Drive. Turn north 0.3 miles to Joel Blvd. Turn west 0.8 miles to Bell Blvd. Turn south 5.2 miles to Florida Hw #82. Turn east 4.8 miles farm road on left. Turn north 3.25 miles to farm road on right. Turn east 0.9 miles to monitoring point in mid-road. The field intensity measured at this point should not exceed 27.0 mV/m Daytime.

Direction of 160° True North: From the transmitter, proceed to Hines Avenue. Turn north 0.3 mile to East 2nd Street. Turn west 2.15 miles to Country Club Drive. Turn north 0.3 miles to Joel Blvd. Turn west 0.8 miles to Bell Blvd. Turn south 5.2 miles to Florida Hw #82. Turn east 4.8 miles to farm/oil field road on left. Turn north on farm road 1.72 miles to monitoring point location in fork of road. The field intensity measured at this point should not exceed 19.8 mV/m Daytime and 3.4 mV/m Nighttime.

Direction of 180° True North: From the transmitter, proceed to Hines Avenue. Turn north 0.3 mile to East 2nd Street. Turn west 2.15 miles to Country Club Drive. Turn north 0.3 miles to Joel Blvd. Turn west 0.8 miles to Bell Blvd. Turn south 5.2 miles to Florida Hw #82. Turn east 3.05 miles to monitor point located on north side of highway. The field intensity measured at this point should not exceed 12.0 mV/m Daytime.

Direction of 185° True North: From the transmitter, proceed to Hines Avenue. Turn north 0.3 mile to East 2nd Street. Turn west 2.15 miles to Country Club Drive. Turn north 0.3 miles to Joel Blvd. Turn west 0.8 miles to Bell Blvd. Turn south 5.2 miles to Florida Hw #82. Turn east 2.5 miles to monitor point located on north side of highway. The field intensity measured at this point should not exceed 2.1 mV/m Nighttime.

Direction of 270° True North: From the transmitter, proceed to Hines Avenue. Turn north 0.3 mile to East 2nd Street. Turn west 2.15 miles to Country Club Drive. Turn north 0.3 miles to Joel Blvd. Turn west 0.8 miles to Bell Blvd. Turn south 0.25 miles to monitor point located beyond canal on west side of highway. The field intensity measured at this point should not exceed 104.0 mV/m Daytime.

Direction of 340° True North: From the transmitter, proceed to Hines Avenue. Turn north 1.2 mile to monitor point located in mid-road. The field intensity measured at this point should not exceed 219.0 mV/m Daytime and 32.0 mV/m Nighttime.

\*\*\* END OF AUTHORIZATION \*\*\*