

United States of America

FEDERAL COMMUNICATIONS COMMISSION AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

RADIO VISION CRISTIANA SUBSIDIARY CORP.

419 BROADWAY

PATERSON NJ 07051

Dennis L. Williams

Assistant Chief

Audio Division

Media Bureau

Grant Date: June 14, 1994

This license expires 3:00 a.m. local time, October 01, 2005.

Facility Id: 57721

Call Sign: KCKN

License File Number: BL-19930823AC

This authorization supersedes authorization of same date to correct the antenna monitor type and delete the precision monitor adaptor readings. 03/23/1998 HKC.

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.	7:00 AM	5:15 PM	Jul. 5	5:00 AM	7:15 PM
Feb.	6:45 AM	5:45 PM	Aug. 5	5:15 AM	6:45 PM
Mar.	6:15 AM	6:00 PM	Sep. 5	5:45 AM	6:00 PM
Apr.	5:30 AM	6:30 PM	Oct. 6	5:00 AM	5:30 PM
May	5:00 AM	6:45 PM	Nov. 6	5:30 AM	5:00 PM
ıTıın	4 · 4 5 AM	7.15 PM	Dec 5	7 • ∩ ∩ ∆M	4.45 DM

Callsign: KCKN License No.: BL-19930823AC T.TO FM / LUU AIM DEC.

Name of Licensee: RADIO VISION CRISTIANA SUBSIDIARY CORP.

Station Location: ROSWELL, NM

Frequency (kHz): 1020

Station Class: B

Antenna Coordinates:

Night

33 Deg 27 Min Latitude: Ν 53 Sec 104 Deg 29 Min 58 Sec Longitude: W

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and

73.1670 of the Commission's Rules.

Nominal Power (kW): Night: 50.0

Antenna Input Power (kW): Night: 52.7

Antenna Mode: Night: DA

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

Current (amperes): Night: 32.4

Night: 50 Resistance (ohms):

Antenna Registration Number(s):

Night:

Tower No. ASRN Overall Height (m)

- 1 1004405
- 1004404 2
- 3 1004403
- 1004401 4
- 1004402 5
- 1004400

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 2114.68

Standard RMS (mV/m/km):

Callsign: KCKN

Augmented RMS (mV/m/km): Night:2356.92

Q Factor: Night: 70.71

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.2260	-158.800	0.0000	0.000	0	90.0
2	0.4500	-110.400	140.0000	60.000	0	90.0
3	0.2260	-61.800	280.0000	60.000	0	90.0
4	0.5030	48.000	169.2500	127.490	0	90.0
5	1.0000	0.000	163.4700	177.220	0	90.0
6	0.5030	-48.000	252.9900	207.910	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	10.0	40.0	449.25
2	40.0	11.0	253.00
3	60.0	10.0	87.50
4	73.0	16.0	83.00
5	89.0	12.0	94.50
6	130.0	30.0	595.20
7	174.0	49.0	4440.02
8	198.5	49.0	3578.68
9	223.0	34.0	2649.56
10	279.0	70.0	1094.35

Night Directional Operation:

	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-162.6	0.256
2	-107.1	0.577
3	-49.4	0.236
4	-51.9	0.511
5	0	1

Night Directional Operation:

Twr. Phase Antenna Monitor
No. (Deg.) Sample Current Ratio

6 51.2 0.53

Type of Precision Antenna Monitor: PMA-19 APAPTOR

Night

Twr. No. Sample Current Deviation Attenuator Values

1 0
2 0
3 0
4 0
5 0
6 0

Operating Variations:

Phase Indications shall not deviate more than $[\pm 0.5]$ degrees from the above values.

Base current ratios shall not deviate more than $[\pm 5]$ percent from the above values.

Sample current ratios shall not deviate more than $[\pm 0.8]$ percent from the above values.

Antenna Monitor: POTOMAC INSTRUMENTS PI 1901

Sampling System Approved Under Section 73.68 of the Rules.

*** END OF AUTHORIZATION ***