



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

VISION COMMUNICATIONS, INCORPORATED
 5431 WEST SUNSHINE
 BROOKLINE STATION MO 65619

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Grant Date: August 15, 2014

Facility Id: 10345

Call Sign: KKLO

This license expires 3:00 a.m.
 local time, June 01, 2021.

License File Number: BMML-20140404ABR

This license modifies license no.: BL-20040813ABW

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.	7:45 AM	5:15 PM	Jul.	5:00 AM	7:45 PM
Feb.	7:15 AM	6:00 PM	Aug.	5:30 AM	7:15 PM
Mar.	6:30 AM	6:30 PM	Sep.	6:00 AM	6:30 PM
Apr.	5:45 AM	7:00 PM	Oct.	6:30 AM	5:45 PM
May	5:00 AM	7:30 PM	Nov.	7:00 AM	5:00 PM
Jun.	4:45 AM	7:45 PM	Dec.	7:30 AM	5:00 PM

Callsign: KKLO

License No.: BMML-20140404ABR

Name of Licensee: VISION COMMUNICATIONS, INCORPORATED

Station Location: LEAVENWORTH, KS

Frequency (kHz): 1410

Station Class: B

Antenna Coordinates:

Day

Latitude: N 39 Deg 16 Min 24 Sec

Longitude: W 94 Deg 54 Min 27 Sec

Night

Latitude: N 39 Deg 16 Min 24 Sec

Longitude: W 94 Deg 54 Min 27 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: 0.50

Antenna Input Power (kW): Day: 5.4 Night: 0.54

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 10.39 Night: 3.29

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1048270	
2	None	47.2
3	None	47.2

Night:

Tower No.	ASRN	Overall Height (m)
1	1048270	
2	None	47.2

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 656.6 Night: 199.1
 Standard RMS (mV/m/km): Night: 209.055
 Augmented RMS (mV/m/km): Day: 691.046
 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	132.000	0.0000	0.000	0	226.0
2	1.0700	0.000	100.0000	120.000	0	77.4
3	0.4900	-132.000	200.0000	120.000	0	77.4

* 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	20.0	10.0	201.17
2	37.0	22.0	333.81
3	172.5	15.0	890.27
4	180.0	10.0	757.71
5	332.0	10.0	201.17

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	226.0
2	0.6000	95.000	140.0000	83.000	0	77.4

* Tower Reference Switch

- 0 = Spacing and orientation from reference tower
- 1 = Spacing and orientation from previous tower

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-57.8	0.477
2	0	1
3	-130.9	0.417

Day Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
4	

Night Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
1 0	1
2	
3	
4 -54.3	0.782

Antenna Monitor: POTOMAC INSTRUMENTS MODEL 1900
 Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

- 1 The licensee shall perform the measurements described in 73.155 at least once within each 24-month period.

- 2 Ground system consists of 120 equally spaced, buried, copper radials about the base of each tower extending up to 68.59 meters about tower #1 and 54.87 meters about the other towers except where intersecting radials are shortened and bonded.

*** END OF AUTHORIZATION ***