



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

LAA 1, LLC
 ANGEL STADIUM
 2000 GENE AUTRY WAY
 ANAHEIM CA 92806

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 50516

Grant Date: May 09, 2002

Call Sign: KLAA

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

License File Number: BL-20011213ABQ

This License Covers Permit No.: BP-20001012AAI

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

Callsign: KLAA

License No.: BL-20011213ABQ

Name of Licensee: LAA 1, LLC

Station Location: ORANGE, CA

Frequency (kHz): 830

Station Class: B

Antenna Coordinates:

Day

Latitude: N 33 Deg 55 Min 43 Sec

Longitude: W 117 Deg 36 Min 57 Sec

Night

Latitude: N 33 Deg 55 Min 43 Sec

Longitude: W 117 Deg 36 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: 50.0 Night: 20.0

Antenna Input Power (kW): Day: 50.0 Night: 21.01

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 36.5 Night: 20.5

Resistance (ohms): Day: 37.5 Night: 50

Non-Directional Antenna: Day

Radiator Height: 85.4 meters; 85.1 deg

Theoretical Efficiency: 302 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1065900	

Night:

Tower No.	ASRN	Overall Height (m)
1	1065419	
2	1065900	
3	1065420	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 1449.8
 Standard RMS (mV/m/km): Night: 1523.01
 Augmented RMS (mV/m/km):
 Q Factor: Night: 44.72

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.5820	122.700	0.0000	0.000	0	85.1
2	1.0000	0.000	85.7000	214.700	0	85.1
3	0.5140	-120.400	171.3000	212.700	0	85.1

* Tower Reference Switch

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

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	118.6	0.536
2	0	1
3	-121.4	0.489

Antenna Monitor: POTOMAC INSTRUMENTS 1901

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
14	5.34	12.63
79	4.33	33.82
99.5	2.8	25.89
327	2.9	19.57

Special operating conditions or restrictions:

- 1 Licensee shall accept overlap to its 0.5 mV/m daytime contour from the 0.25 mV/m daytime contour of XEMVS, Mexicali, Mexico.

- 2 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.

- 3 Operation with the facilities specified herein is subject to modification, suspension, or termination, without right to hearing, as may be deemed necessary by the Commission in carrying out the provisions of the ITU Radio Regulations, the Final Acts of the ITU Administrative Conference on Medium Frequency Broadcasting in Region 2 (Rio de Janeiro, 1981), or any bilateral or multilateral agreements of the United States.

Special operating conditions or restrictions:

4 Description of Directional Antenna system:

Three uniform cross section, guyed, series excited vertical radiators

Daytime Non-directional Antenna: tower #2.

Ground system consists of 120 radials #10 SD copper or equivalent, spaced every 3 degrees about the base of each tower, 90.4 m in length

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 327° True North: Leaving the station driveway, turn right on McCarty Road for 0.25 mile to the intersection with River and Hellman Roads. Turn left onto Hellman and proceed 0.9 mile Chino-Corona Road on the left. Turn onto Chino-Corona and proceed for 1.25 miles. At this location, there will be a T intersection where Chino-Corona turns northward (right). Make this turn and continue for 0.25 mile. The California Institution for Women will be on your left. This is located on the dirt Trail on the east edge of the road, directly opposite the sign for the Institution. This is point number 11. Distance from antenna 2.90 kilometers. The field intensity measured at this point should not exceed 19.57 mV/m.

Direction of 14° True North: From the 327 degree point, continue north on Chino-Corona Road for 0.5 mile to its end at Pine Avenue. Turn right on Pine and continue for 2.3 miles to Archibald Avenue (note: Pine will change name to Schleismann enroute). Turn left onto Archibald and proceed 1.5 miles to Merrill Avenue on the left. Turn onto Merrill and drive 0.7 mile to Carpenter Road. Turn left onto Carpenter and go 0.5 mile, at which point Carpenter will turn east and become Remington Road. Continue east on Remington 0.25 mile to the point, which is on a dirt mound on the south side of the road, in line with a reflector sign and a utility cover with a blue triangle on it. This is point number 13. Distance from antenna 5.34 kilometers. The field intensity measured at this point should not exceed 12.63 mV/m.

Direction of 79° True North: From the 14 degree point, retrace your path to Archibald Avenue. Turn right onto Archibald and drive for 4.5 miles to Bluff Road. At the 3.9 mile point. Archibald becomes River Road. Turn left on Bluff and proceed for 0.75 mile to Corydon Avenue. Turn left on Corydon (which will change name to Norco Road) and travel 1.2 miles. The point is on the south side of Norco road, at mailbox 2520, just past a speed limit sign. This is point number 11. Distance from antenna 4.33 kilometers. The field intensity measured at this point should not exceed 33.82 mV/m.

- 5 Direction of 99.5° True North: From the 79 degree point, retrace your path on Norco (Corydon) for 1.1 miles to Chestnut Avenue. Turn right on Chestnut and go 0.15 mile. Here, the road will turn left through a cul-de-sac. The point is in the cul-de-sac, on the curb at mailbox 2898. This is point number 12. Distance from antenna 2.80 kilometers. The field intensity measured at this point should not exceed 25.89 mV/m.

To return to the station: From the 99.5 degree point, proceed south on Chestnut 0.1 mile to Bluff. Turn right on Bluff and travel 0.5 miles to River Road. Turn right on River. At 0.6 mile, River Road turns left and the through road becomes Archibald. Stay on River for an additional 0.7 mile to the point where it turns north. Make a left and immediate right at this point, onto McCarty Road and go 0.25 mile to the station driveway.

*** END OF AUTHORIZATION ***