



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

Authorizing Official:

Official Mailing Address:

SALEM COMMUNICATIONS HOLDING CORPORATION  
SUITE 300  
4880 SANTA ROSA ROAD  
CAMARILLO CA 93012

Son Nguyen  
Supervisory Engineer  
Audio Division  
Media Bureau

Facility Id: 58808

Call Sign: KTIE

License File Number: BMML-20220902AAC

Grant Date: November 30, 2022

This license expires 3:00 a.m.  
local time, December 01, 2029.

Method of moments proof of performance.

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	6:30 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.	6:15 AM	4:45 PM
Jun.	4:30 AM	7:00 PM	Dec.	6:45 AM	4:45 PM

Callsign: KTIE

License No.: BMML-20220902AAC

Name of Licensee: SALEM COMMUNICATIONS HOLDING CORPORATION

Station Location: SAN BERNARDINO, CA

Frequency (kHz): 590

Station Class: B

Antenna Coordinates:

Day

Latitude: N 34 Deg 04 Min 20 Sec

Longitude: W 117 Deg 17 Min 52 Sec

Night

Latitude: N 34 Deg 04 Min 20 Sec

Longitude: W 117 Deg 17 Min 52 Sec

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

Nominal Power (kW): Day: 2.5 Night: 0.96

Antenna Input Power (kW): Day: 2.7 Night: 1.037

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 7.35 Night: 4.55

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1045139	
2	1045140	
3	1045141	

Night:

Tower No.	ASRN	Overall Height (m)
1	1045139	
2	1045140	
3	1045141	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 493.78 Night: 296.26

Standard RMS (mV/m/km): Day: 518.81 Night: 311.32

Augmented RMS (mV/m/km):

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	0.4400	146.000	90.0000	200.000	0	65.2
2	1.0000	0.000	0.0000	0.000	0	65.2
3	0.8610	-138.700	90.0000	20.000	0	65.2

\* 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	0.6870	-123.000	90.0000	200.000	0	65.2
2	1.0000	0.000	0.0000	0.000	0	65.2
3	0.7090	-171.800	90.0000	20.000	0	65.2

\* 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	145.6	0.44
2	0	1
3	-137.9	0.825

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-121.6	0.642
2	0	1
3	-170.9	0.691

Antenna Monitor: POTOMAC INSTRUMENTS AM-19 (204)

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

- 1 The permittee/licensee of the site 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 Ground system consists of 120 equally spaced buried copper radials from approximately 64 meters to 127 meters in length, plus a 7.3 meter by 7.3 meter ground screen for each tower.

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