Federal Communications Commission

AM STATION LICENSE

Licensee/Permittee
EL SEMBRADOR
MINISTRIES
20720 MARILLA STREET
CHATSWORTH, CA, 91311

Call Sign	Facility ID
KAFY	36027

File Number	This License Modifies License No.	
BML-20230609AAB	BL-20000621AFK	
Filing Date	**Grant Date**	**Expiration Date**
06/12/2023	12/08/2023	12/01/2029

Description Text
License to modify BL-20000609AAB to change from commercial to non-commercial only.

Community of License	Frequency (KHz)	Station Class	Service Type
City: Bakersfield **State:** CA	1100	B	Main

Facility Type

Hours of Operation
Daytime
Nighttime

Station Antenna Modes/Antenna Types
Daytime: Non-Directional
Nighttime: Directional

Average Hours of Sunrise and Sunset
Local Standard Time (Non-Advanced)

Month	Sunrise	Sunset
January	7:00	17:00
February	6:45	17:45
March	6:15	18:00
April	5:30	18:30
May	4:45	19:00
June	4:45	19:15
July	4:45	19:15
August	5:15	18:45
September	5:45	18:00
October	6:00	17:15
November	6:30	16:45
December	7:00	16:45

Transmitter

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

Antenna Mode: Daytime

Antenna Type: Non-Directional

Antenna Coordinates (NAD 83)

Latitude
35° 26' 59.8" N

Longitude
118° 56' 51.4" W

Nominal Power (kW)
4.200

Antenna Input Power (kW)
4.200

Current (Amperes)
6.63

Resistance (Ohms)
95.5

Antenna Structure Registration Number(s)

Tower No.	ASRN	Overall Height *(m)*
1	1057537	78.8

Radiator Height
77.3 *meters*
102.1 *degrees*

Theoretical Efficiency
313.5 *mV/m/kw at 1 km*

Theoretical Parameters

Tower No.	Field Ratio	Phasing *(deg.)*	Spacing *(deg.)*	Orientation *(deg.)*	Tower Ref. Switch*	Height *(deg.)*
1	1	0	0	0	0	102.1

** 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.	Tower Type	A	B	C	D
1	Neither				

Antenna Mode: Nighttime

Antenna Type: Directional

Antenna Coordinates (NAD 83)

Latitude
35° 26' 59.8" N

Longitude
118° 56' 51.4" W

Nominal Power (kW)
0.800

Antenna Input Power (kW)
0.864

Current (Amperes)
4.15

Resistance (Ohms)
50

Antenna Structure Registration Number(s)

Tower No.	ASRN	Overall Height *(m)*
1	1057538	78.8
2	1057537	78.8
3	1057539	78.8

Description of Nighttime Directional Antenna System

Theoretical RMS *(mV/m/km)*	Standard RMS *(mV/m/km)*	Augmented RMS *(mV/m/km)*	Q Factor
309.26	324.92		

Theoretical Parameters

Tower No.	Field Ratio	Phasing *(deg.)*	Spacing *(deg.)*	Orientation *(deg.)*	Tower Ref. Switch*	Height *(deg.)*
1	1	0	0	0	0	102.1
2	1.613	-147.3	102	222	0	102.1
3	1	65.4	204	222	0	102.1

** 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.	Tower Type	A	B	C	D
1	Neither				
2	Neither				
3	Neither				

Monitoring Points

Radial *(Deg. T)*	**Distance From Transmitter** *(km)*	**Maximum Field Strength** *(mV/m)*
89.5	6.7	5.29
134	12.4	2.99
310	16.4	.62
354	17.7	.85

Operating Parameters

Tower	**Antenna monitor current sample or voltage sample ratio**	**Antenna monitor phase indication (degree)**
1	**0.770**	**139**
2	**1**	**0**
3	**.571**	**-155**

Special operating conditions or restrictions

The permittee /licensee in coordination with other users 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.

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.