



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

Authorizing Official:

Official Mailing Address:

Estrella Radio License of Dallas LLC  
1845 Empire Avenue  
Burbank CA 91504

Son Nguyen  
Supervisory Engineer  
Audio Division  
Media Bureau

Facility Id: 63551

Call Sign: KZMP

License File Number: BMML-20200612AAR

Grant Date: February 19, 2021

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

This license modifies license no.: BL-20020809ABT

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

Name of Licensee: Estrella Radio License of Dallas LLC

Station Location: UNIVERSITY PARK, TX

Frequency (kHz): 1540

Station Class: B

Antenna Coordinates:

Day

Latitude: N 32 Deg 48 Min 46 Sec

Longitude: W 97 Deg 00 Min 30 Sec

Night

Latitude: N 32 Deg 48 Min 46 Sec

Longitude: W 97 Deg 00 Min 30 Sec

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

Nominal Power (kW): Day: 32.0 Night: 0.75

Antenna Input Power (kW): Day: 33.69 Night: 0.81

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 25.96 Night: 4.02

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

| Tower No. | ASRN    | Overall Height (m) |
|-----------|---------|--------------------|
| 1         | None    | 52.8               |
| 2         | 1015399 |                    |

Night:

| Tower No. | ASRN    | Overall Height (m) |
|-----------|---------|--------------------|
| 1         | 1015399 |                    |
| 2         | None    | 52.82              |
| 3         | None    | 50                 |
| 4         | None    | 50                 |

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 1688.4 Night: 254.3

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Day: 1774.2 Night: 267.38

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      | 0.000          | 0.0000         | 0.000              | 0                  | 95.4          |
| 2         | 0.9390      | 25.800         | 212.1000       | 188.200            | 0                  | 115.9         |

\* 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       | 22.0                     | 10.0        | 222.00                                     |
| 2       | 145.0                    | 10.0        | 211.00                                     |
| 3       | 231.5                    | 10.0        | 222.00                                     |

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          | 212.0000       | 188.200            | 0                  | 115.9         |
| 2         | 0.6570      | -48.700        | 0.0000         | 0.000              | 0                  | 95.4          |
| 3         | 0.6310      | 99.900         | 215.0000       | 324.300            | 0                  | 90.2          |
| 4         | 0.9550      | 62.500         | 63.1000        | 262.600            | 0                  | 90.2          |

\* 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       | 144.0                    | 10.0        | 65.30                                      |
| 2       | 205.0                    | 10.0        | 26.80                                      |
| 3       | 337.5                    | 10.0        | 45.50                                      |

Day Directional Operation:

| Twr. Phase<br>No. (Deg.) | Antenna Monitor<br>Sample Current Ratio |
|--------------------------|---|
| 1 0                      | 1                                       |
| 2 27.8                   | 0.593                                   |

Night Directional Operation:

| Twr. Phase<br>No. (Deg.) | Antenna Monitor<br>Sample Current Ratio |
|--------------------------|---|
| 1 -104                   | 0.521                                   |
| 2 -54.3                  | 0.588                                   |
| 3 40.1                   | 0.624                                   |
| 4 0                      | 1                                       |

Antenna Monitor: POTOMAC INSTRUMENTS AM 1901

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

- 1 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.
- 2 Ground system consists of 120 equally spaced, buried, copper radials about the base of each tower, each 48.78 meters in length except where intersecting radials are shortened and bonded to a transverse copper strap midway between the ground system of an adjacent tower.

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