



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

Authorizing Official:

Official Mailing Address:

RADIO LICENSE HOLDING SRC LLC  
3280 PEACHTREE ROAD, NW  
SUITE 2300  
ATLANTA GA 30305

Son Nguyen  
Son Nguyen  
Supervisory Engineer  
Audio Division  
Media Bureau

Facility Id: 8773

Call Sign: KTCK

License File Number: BMML-20190329ACF

Grant Date: **AUG - 7 2019**

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

License updates antenna parameters following diplexing of station KLIF(AM)  
(Facility ID no. 35061) on KTCK array.

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 |

Callsign: KTCK

License No.: BMML-20190329ACF

Name of Licensee: RADIO LICENSE HOLDING SRC LLC

Station Location: DALLAS, TX

Frequency (kHz): 1310

Station Class: B

Antenna Coordinates:

Day

Latitude: N 32 Deg 56 Min 41 Sec

Longitude: W 96 Deg 56 Min 25 Sec

Night

Latitude: N 32 Deg 56 Min 41 Sec

Longitude: W 96 Deg 56 Min 25 Sec

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

Nominal Power (kW): Day: 25.0 Night: 5.0

Antenna Input Power (kW): Day: 26.3 Night: 5.4

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 22.9 Night: 6.8

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

| Tower No. | ASRN    | Overall Height (m) |
|-----------|---------|--------------------|
| 1         | 1046214 |                    |
| 2         | 1046215 |                    |
| 3         | 1046216 |                    |
| 4         | 1046217 |                    |

Night:

| Tower No. | ASRN    | Overall Height (m) |
|-----------|---------|--------------------|
| 2         | 1046215 |                    |
| 3         | 1046216 |                    |
| 4         | 1046217 |                    |

## DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 2203.2 Night: 634.1

Standard RMS (mV/m/km): Day: 2314.45

Augmented RMS (mV/m/km): Night: 666.22

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         | 0.6770      | -63.000        | 90.0000        | 0.000              | 0                  | 225.4         |
| 2         | 1.0000      | 0.000          | 0.0000         | 0.000              | 0                  | 225.4         |
| 3         | 0.5530      | -131.000       | 90.0000        | 180.000            | 0                  | 225.4         |
| 4         | 0.4120      | 173.000        | 90.0000        | 290.000            | 0                  | 225.4         |

## \* 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.) |
|-----------|-------------|----------------|----------------|--------------------|--------------------|---------------|
| 2         | 1.0000      | 0.000          | 0.0000         | 0.000              | 0                  | 225.4         |
| 3         | 0.8500      | -105.000       | 90.0000        | 180.000            | 0                  | 225.4         |
| 4         | 0.5200      | 188.000        | 90.0000        | 290.000            | 0                  | 225.4         |

## \* 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       | 62.5                     | 20.0        | 80.47                                      |

## Day Directional Operation:

| Twr. No. | Phase (Deg.) | Antenna Monitor Sample Current Ratio |
|----------|--------------|--------------------------------------|
| 1        | 0            | 1                                    |
| 2        | 70.3         | 0.945                                |
| 3        | -61.7        | 0.842                                |
| 4        | -102.9       | 0.726                                |

Night Directional Operation:

| Twr. Phase<br>No. (Deg.) | Antenna Monitor<br>Sample Current Ratio |
|--------------------------|-----------------------------------------|
| 1                        |                                         |
| 2 112                    | 0.781                                   |
| 3 0                      | 1                                       |
| 4 -60.5                  | 0.629                                   |

Antenna Monitor: POTOMAC INSTRUMENTS AM-1901

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

- 1 Ground system consists of 120 equally spaced, buried, copper radials about the base of each tower, each 85.3 meters in length except where shortened at property boundary and between towers. Each tower has a 7.3 meter ground screen.
- 2 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.

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