

United States of America

FEDERAL COMMUNICATIONS COMMISSION AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

RADIO LICENSE HOLDING SRC LLC

780 Johnson Ferry Road

Suite 500

Atlanta GA 30342

Facility Id: 8773

Call Sign: KTCK

License File Number: BL-20010110ABC

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: April 24, 2001

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

This license covers Permit No.: BP-19991221AAR This authorization re-issued to corect the nighttime antenna base current ratio.

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
ıTıın	5.15 AM	7 • 3 0	РM	Dec	7 • २ ೧	ΔM	5.30	DМ

Callsign: KTCK License No.: BL-20010110ABC DCC. 1:30 AM J.JU FII

Name of Licensee: RADIO LICENSE HOLDING SRC LLC

Station Location: DALLAS, TX

Frequency (kHz): 1310

Station Class: B

Antenna Coordinates:

Day

32 Deg 56 Min Latitude: Ν 41 Sec Longitude: 96 Deg 56 Min 25 Sec

Night

Latitude: Ν 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: 9.0 Night: 5.0 Antenna Input Power (kW): Day: 9.5 Night: 2.3

Antenna Mode:

Day: DA

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

Night: DA

Day: 13.8 Current (amperes): Night: 6.78

Day: 50 Resistance (ohms): Night: 50

Antenna Registration Number(s):

Day:

Tower No. ASRN Overall Height (m)

> 1 1046214

2 1046215

3 1064216

1064217

Night:

Tower No. ASRN Overall Height (m)

> 1046215 1

1046216

3 1046217 Callsign: KTCK License No.: BL-20010110ABC

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 1322 Night: 634.1

Standard RMS (mV/m/km): Day: 1389

Augmented RMS (mV/m/km): Night:666.32

Q Factor: Day: 40.6 Night: 22.36

Theoretical Parameters:

Day Directional Antenna:

_		Orientation (Deg.)	Spacing (Deg.)	Phasing (Deg.)	Field Ratio	Tower
225.4	0	0.000	90.0000	-63.000	0.6770	1
225.4	0	0.000	0.0000	0.000	1.0000	2
225.4	0	180.000	90.0000	-131.000	0.5530	3
225.4	0	290.000	90.0000	173.000	0.4120	4

^{*} Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Theoretical Parameters:

Night Directional Antenna:

Tower	Field	Phasing	Spacing	Orientation		Height
No.	Ratio	(Deg.)	(Deg.)	(Deg.)	Switch *	(Deg.)
1	1.0000	0.000	0.0000	0.000	0	225.4
2	0.8500	-105.000	90.0000	180.000	0	225.4
3	0.5200	188.000	90.0000	290.000	0	228.4

^{*} Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Augmentation Parameters:

	Central		Radiation
Aug No.	Azimuth	Span (Deq.)	at Central Azimuth
NO.	(Deg. T)	(Deg.)	(mV/m @ 1 km)
1	62.5	20.0	80.47

Day Directional Operation:

Twr.	Phase	Antenna Monitor
No.	(Deg.)	Sample Current Ratio
1	0	1
2	70	1.25
3	-65	0.86
4	-124	0.71

Callsign: KTCK

Night Directional Operation:

Twr. Phase Antenna Monitor
No. (Deg.) Sample Current Ratio

1 110 1.13

2 0 1

3 -65.1 0.68

Antenna Monitor: POTOMAC INSTRUMENTS AM-1901(204)

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Day Operation:

Radial Distance (Deg. T)	From Transmitter Maximum (kM)	Field Strength (mV/m)
30	6.37	129.8
59	4.46	187.2
179.5	5.47	75.35
320	3.17	277.1
350	5.71	119

Night Operation:

Radial Dista (Deg. T)	nce From Transmit (kM)	ter Maximum Field Strength (mV/m)
62.5	3.51	11.8
191	3.89	165
220	7.4	106
355.5	5.23	18.5

*** END OF AUTHORIZATION ***