



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

Authorizing Official:

Official Mailing Address:

CBS RADIO TEXAS INC.  
 1725 DESALES STREET, NW  
 SUITE 501  
 WASHINGTON DC 20036

Son Nguyen  
 Supervisory Engineer  
 Audio Division  
 Media Bureau

Facility Id: 59820

Call Sign: KRLD

License File Number: BL-19910329AA

Grant Date: May 09, 1991

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

This authorization re-issued to specify nighttime operation as directional. HKC 10/3/01. misc-20001214AKC

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	7:30 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.	7:15 AM	5:15 PM

Name of Licensee: CBS RADIO TEXAS INC.

Station Location: DALLAS, TX

Frequency (kHz): 1080

Station Class: A

Antenna Coordinates:

Day

Latitude: N 32 Deg 53 Min 25 Sec

Longitude: W 96 Deg 38 Min 44 Sec

Night

Latitude: N 32 Deg 53 Min 25 Sec

Longitude: W 96 Deg 38 Min 44 Sec

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

Nominal Power (kW): Day: 50.0 Night: 50.0

Antenna Input Power (kW): Day: 50.0 Night: 52.6

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 23.2 Night: 32.43

Resistance (ohms): Day: 93 Night: 50

Non-Directional Antenna: Day

Radiator Height: 144.8 meters; 187.5 deg

Theoretical Efficiency: 394.29 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1046896	

Night:

Tower No.	ASRN	Overall Height (m)
1	1046896	
2	1046897	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 2758.9  
 Standard RMS (mV/m/km):  
 Augmented RMS (mV/m/km): Night: 3051.46  
 Q Factor: Night: 70.71

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	0.0000	0.000	0	187.5
2	0.7300	-86.500	93.5000	237.750	0	187.5

\* 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	12.7	27.4	1184.00
2	26.4	27.2	852.95
3	40.0	20.0	678.66
4	50.0	15.4	643.74
5	57.5	14.6	643.74
6	65.0	14.6	643.74
7	80.4	30.6	740.30
8	102.7	44.6	1400.10
9	125.0	44.6	2172.60
10	147.7	44.6	3088.80
11	170.0	44.6	3798.10
12	192.7	44.6	4132.80
13	215.0	44.6	4197.80
14	237.0	44.6	4190.10
15	260.0	44.6	4197.80
16	282.7	44.6	4133.60
17	305.7	44.6	3809.50
18	327.7	44.6	3092.70
19	350.0	44.6	2118.20

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1

Night Directional Operation:

Twr. Phase	Antenna Monitor
No. (Deg.)	Sample Current Ratio
2 -86	0.925

Antenna Monitor: POTOMAC INSTRUMENTS AM-19D (210)

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Night Operation:

Radial	Distance From Transmitter	Maximum Field Strength
(Deg. T)	(kM)	(mV/m)
58	3.22	209.5

Special operating conditions or restrictions:

1 Ground system consists of 120 equally spaced, buried, copper radials 152.4 m in length except where intersecting radials are shortened and bonded, plus 120 interspersed radials 29 m in length about the base of each tower.

2 Monitoring Points Direction:  
58 Degree

From KRLD transmitter, turn right (north) on Saturn Road and go 0.28 miles to Miller Road. Turn right (east) on Miller Road and go 1.52 miles to Dairy Road. Turn left (north) go 0.84 miles to Glynn. Turn right (east) and go to the monitor point at the driveway of 1122 Glynn. The monitor point is point number 12 on the 58 degree radial 3.22 km from the station.

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