



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Son Nguyen

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Official Mailing Address:

CCB TEXAS LICENSES, L.P.
 2625 S MEMORIAL DR, SUITE A
 TULSA OK 74129

Grant Date: **JAN 31 2007**
 This license expires 3:00 a.m.
 local time, August 01, 2013.

Facility Id: 40997

Call Sign: KYYW

License File Number: BZ-20061017ADQ

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

Callsign: KYYW

License No.: BZ-20061017ADQ

Name of Licensee: CCB TEXAS LICENSES, L.P.

Station Location: ABILENE, TX

Frequency (kHz): 1470

Station Class: B

Antenna Coordinates:

Day

Latitude: N 32 Deg 29 Min 32 Sec

Longitude: W 99 Deg 45 Min 07 Sec

Night

Latitude: N 32 Deg 29 Min 32 Sec

Longitude: W 99 Deg 45 Min 07 Sec

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

Nominal Power (kW): Day: 5.0 Night: 1.0

Antenna Input Power (kW): Day: 5.0 Night: 1.08

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 4.2 Night: 4.65

Resistance (ohms): Day: 284 Night: 50

Non-Directional Antenna: Day

Radiator Height: meters; 162 deg

Theoretical Efficiency: 358.88 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1056408	

Night:

Tower No.	ASRN	Overall Height (m)
1	1056407	
2	1056408	
3	1056409	

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DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 360.49

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Night: 379.41

Q Factor: Night: 10.07

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.7890	-26.500	0.0000	0.000	0	162.0
2	0.6730	49.500	226.0000	42.000	0	162.0
3	0.5780	26.500	226.0000	42.000	1	162.0

* 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	42.0	22.0	267.22
2	111.0	14.0	123.92
3	177.5	10.0	317.60
4	275.5	16.0	263.88
5	333.0	12.0	123.92

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-76	1
2	0	0.85
3	-20	0.73

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Antenna Monitor: POTOMAC INSTRUMENTS AM-19(204)

Sampling System Approved Under Section 73.68(b) of the Rules.

Monitoring Points:

Night Operation:

Radial (Deg. T)	Distance From Transmitter (km)	Maximum Field Strength (mV/m)
42	3.91	59.68
111	4.36	31.49
177.5	3.46	100.03
275.5	5.12	54.4
333	10.2	15.63

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.

Special operating conditions or restrictions:

2 DESCRIPTION OF AND FIELD INTENSITY MEASURED AT MONITORING POINTS:

Direction of 42 True North. From transmitter turn right onto Old Anson Road, proceed 0.2 mile to the access road of IH-20 East. Take IH-20 east to Exit 286C (FM600). Turn left (north) onto FM600 and proceed 1.25 miles to the "Y". Take the left road of the "Y" and proceed 0.7 mile to #5250, the residence on the left side of the road. The monitor Point is measured on the west side of the road half-way between the two driveways. This is point number 6 of this radial.

Direction of 111 True North. From 42 monitor point return to IH-20 Eastbound access road. Proceed 1.0 mile to Judge Ely Drive. Turn right (south) onto Judge Ely Drive and proceed 0.25 mile to the "Y" intersection. The monitor point is at this intersection, in the middle of the third whitestripe from the south. This is point number 10 of this radial.

Direction of 177.5 True North. From 111 monitor point, continue south on ACU Drive for 0.2 mile to Ambler Avenue. Turn right onto Ambler Ave. and proceed 1.8 miles to Grape Street. Turn left and proceed 0.75 mile to N. 12th Street. Turn right onto N. 12th Street and proceed 0.55 mile to Park Avenue. Turn left onto Park and proceed 0.09 mile to N. 11th Street. Turn right onto 11th and proceed approximately 175 feet. The point is read at the west edge of the driveway and the street. This is point number 6 of this radial.

Direction of 275.5 True North. From 177.5 monitor point, continue west on N. 10th Street 0.4 mile to Mockingbird. Turn right onto Mockingbird and proceed 0.9 mile to Ambler Ave. Turn left onto Ambler and proceed 1.05 miles to Clack Street. Turn right onto Clack Street and proceed 1.09 miles to Shirley Road. Follow Shirley Road 0.9 mile, curve to the right and follow Spinks road for 1.05 miles to the monitor point. The monitor point is 0.19 mile from the second turn, in the middle of the road. This is point number 2 of this radial.

Direction of 333 True North. Retrace route to Shirley Road and I.H.20 (Eastbound side). Enter I.H.20 Eastbound and proceed 1.1 miles to Exit 283B "Hwy. 83/277 North". From underpass, proceed 7.3 miles north on 83/277 to County Road 428. Turn left and proceed 0.2 miles. The monitor point is in the center of the road. This is point number 6 of this radial.

- 3 Ground system consists of 120 equally spaced, buried, copper radials about the base of each tower, each 53 meters in length except where terminated by property boundaries or where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers, plus 120 interspersed radials 15 meters in length about the base of each tower.

*** END OF AUTHORIZATION ***

LICENSE RENEWAL AUTHORIZATION

THIS IS TO NOTIFY YOU THAT YOUR APPLICATION FOR RENEWAL OF LICENSE, BR-20130329AIJ, WAS GRANTED ON 07/26/2013 FOR A TERM EXPIRING ON 08/01/2021.

THIS IS YOUR LICENSE RENEWAL AUTHORIZATION FOR STATION KYW.

FACILITY ID: 40997

LOCATION: ABILENE, TX

THIS CARD MUST BE POSTED WITH THE STATION'S LICENSE CERTIFICATE AND ANY SUBSEQUENT MODIFICATIONS.

TOWNSQUARE MEDIA ABILENE LICENSE, LLC
C/O TOWNSQUARE MEDIA, INC.
240 GREENWICH AVENUE
GREENWICH, CT 06830