

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

File No. : BL-880401A

Call Sign : KVOZ
Fac ID: 6429

LICENSEE:

Border Broadcasters, Inc.

1. Community of License : Del Mar Hills, Texas
2. Transmitter location : 6.7 miles east of Del Mar Hills, Texas

North latitude : 27 ° 32' 57"
West longitude : 99 ° 22' 21"

6. Antenna and ground system: Attached

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

4. Main Studio location: (See Section 73.1125)

Zapata Hwy. at Wooster
Webb County
Laredo Texas

5. Remote control location:
(Same)

7. Obstruction marking and lighting specifications - FCC Form 715, paragraphs: None Required

8. Frequency : 890 kHz

9. Nominal power (kW) : 10 kW Day 1 kW Night

Antenna input power (kW) :

10 Day

☒ Non-directional antenna:

☐ Directional antenna : current 25.6 amperes; resistance 15.2 ohms.

1.013 Night

☐ Non-directional antenna:

☒ Directional antenna : current 4.5 amperes; resistance 50 ohms.

10. Hours of operation: Specified in BP-820305BC, 850213AF

11. Conditions :

Subject to the provisions of the Communications Act of 1934, as amended, subsequent Acts, Treaties, and Commission rules made thereunder, and further subject to conditions set forth in this license, ¹ the LICENSEE is hereby authorized to use and operate the radio transmitting apparatus herein described for the purpose of broadcasting for the term ending 3 A.M. Local Time

August 1, 1990

The Commission reserves the right during said license period of terminating this license or making effective any change, or modification of this license which may be necessary to comply with any decision of the Commission rendered as a result of any hearing held under the rules of the Commission prior to the commencement of this license period or any decision rendered as a result of any such hearing which has been designated but not held, prior to the commencement of this license period.

The license is issued on the licensee's representation that the statements contained in the 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, as amended. 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, as amended.

¹ This license consists of this page and pages 2 & 3

Dated: OCT 14 1988

JS/emd

FEDERAL
COMMUNICATIONS
COMMISSION



OCT 27 1988

June 1980

Date:

File No. BL-861231AC

Call Sign: KVOZ(AM)

DA-N

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Three (3) vertical, series-excited, guyed radiators of uniform cross-section. Theoretical RMS 303.20 mV/m @ 1 km. Std RMS 318.52 mV/m @ 1 km night. An STL and TSL antennas are sidemounted on C (#2) tower.

Height above Insulators: 195' (63.5°)

Overall Height: 199'

Spacing and Orientation: Towers are equally spaced 100 feet apart on a line bearing 30° T.

Non-Directional Antenna: Tower #2 used. Theoretical efficiency 288 mV/m @ 1 km per kilowatt.

Ground System consists of 120 copper radials evenly spaced about each tower 277.5' long or to copper strap. Plus 120 - 75.4' copper radials interspersed with main radials.

2. THEORETICAL SPECIFICATIONS

Tower	#1(SW)	#2(C)	#3(NE)
Phasing:			
Night	-92°	4.6°	92°
Field Ratio:			
Night	1.00	1.995	1.00

3. OPERATING SPECIFICATIONS

Antenna Base Current Ratio	Night 1/	0.50	1.00	0.50
Phase Indication*	2/ Night	-95°	0°	88°
Antenna Monitor Sample Current Ratio	Night	0.490	1.00	0.490
Sample Current Deviation	3/ Night	0%	0%	0%
Precision Adaptor Attenuator Values:	Night	19.09	9.75	19.45

* As indicated by Potomac Instruments AM-19 (204) with PMA-19 adaptor

Antenna sampling system under section 73.68(b) rules.

Permissible deviations from these values shall not exceed $\pm 5\%$

Permissible deviations from these values shall not exceed $\pm 1.03^\circ$

Permissible deviations from these values shall not exceed $\pm 1.8\%$

RV0Z

BL-880401AH

DIRECTION OF AND FIELD INTENSITY AT MONITORING POINTS

Direction of 355 degrees true North. Proceed from front of transmitter to access road. Turn north onto access road and proceed 1.15 miles to U.S. Highway 59. Turn east onto Highway 59 and proceed 0.14 mile. This point is marked by a painted marker on the south shoulder of the road. This is location number 1 of the proof of performance and is located 1.15 miles from the transmitter site. The field intensity measured at this point should not exceed 14.6 mV/m Nighttime.

Direction of 10.5 degrees true North. Proceed from front of transmitter to access road. Turn north onto access road and proceed 1.15 miles to U.S. Highway 59. Turn east onto Highway 59 and proceed 0.49 mile. This point is marked by a painted marker on the south shoulder of the road, in line with the garbage barrel at the road side park. This is location number 1 of the proof of performance and is located 1.30 miles from the transmitter site. The field intensity measured at this point should not exceed 12.7 mV/m Nighttime.

Direction of 49.5 degrees true North. Proceed from front of transmitter to access road. Turn north onto access road and proceed 1.15 miles to U.S. Highway 59. Turn east onto Highway 59 and proceed 2.04 miles, to field road. Turn south onto the field road and proceed 0.25 mile. Field strength is measured 25 paces west from the marker on the fence. This is location number 1 of the proof of performance and is located 2.26 miles from the transmitter site. The field intensity measured at this point should not exceed 6.2 mV/m Nighttime.

Direction of 65 degrees true North. Proceed from front of transmitter to access road. Turn north onto access road and proceed 1.15 miles to U.S. Highway 59. Turn east onto Highway 59 and proceed 2.04 miles to field road. Turn south onto the field road and proceed 0.9 mile. Field strength is measured 10 paces west from the marked fence post. This is location number 1 of the proof of performance and is located 1.90 miles from the transmitter site. The field intensity measured at this point should not exceed 6.7 mV/m Nighttime.