

UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION  
AM BROADCAST STATION LICENSE

Bob Plummer # 363  
File No. : BL-920526AE  
FAC ID: 42120  
Call Sign : KFMB

LICENSEE: Midwest Television, Inc.

1. Community of License. . . : San Diego, CA  
2. Transmitter location. .... : Mast Blvd. and Carlton  
Oaks Drive, Santee, CA

North Latitude. .... : 32° 50' 33"  
West Longitude. .... : 117° 01' 30"

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)  
7677 Engineer Road  
San Diego, CA

5. Remote control location  
7677 Engineer Road  
San Diego, CA

7. Obstruction marking and lighting specifications - FCC Form 715, paragraphs: 1, 3, 11, 21 & 22.

8. Frequency. .... : 760 kHz

9. Nominal power (kW). .... : 5.0 Day 50.0 Night

Antenna input power (kW) :

5.0 Day ☒ Non-directional antenna: current 13.36 amperes: resistance 28 ohms.  
☐ Directional antenna :  
52.6 Night ☐ Non-directional antenna: current 32.45 amperes: resistance 50 ohms.  
☒ Directional antenna :

10. Hours of operation : BP-880429AE; BMP-890717AG; GMP-920320DB; BMP-940727AC  
8/28/95 - Supseded to correct operating parameter & MP maximums.

7/25/97 This supersedes authorization as of same date to correct the spacing  
of tower #1.

11. Conditions. .... : Operation with facilities specified herein is subject to  
modification, suspension or termination without right to hearing, as may be necessary to  
carry out the applicable provisions of the ITU Radio Regulations, the Final Acts of the ITU  
Administrative Conference on Medium Frequency Broadcasting in Region 2 (Rio de Janeiro,  
1981), or any bilateral or multilateral agreements of the United States.

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,<sup>1</sup> 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

December 1, 1997

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.

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 control by the Government of the United States conferred by section 606 of the Communications Act of 1934, as amended.

JDS:rao

FEDERAL  
COMMUNICATIONS  
COMMISSION



<sup>1</sup> This license consists of this page and pages 2, 3 & 4

Dated: August 14, 1995.

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**DESCRIPTION OF AND FIELD INTENSITY MEASURED AT MONITORING POINTS:**

**Direction of 61° True North.** From the KFMB transmitter proceed east 2.5 km (1.55 miles) on Carlton Oaks Drive to Carlton Hills Boulevard. Turn left and proceed north 1.5 km (0.9 mile) to Lake Canyon Road. Turn right and proceed east 0.5 km (0.3 mile). Point is on the north curb at west side of driveway at 9466 Lake Canyon Road. The field intensity measured at this point should not exceed 268 mV/m.

**Direction of 239.5° True North.** From the KFMB transmitter turn right and proceed south 0.6 (0.4 mile) on Mast Boulevard to Mission Gorge Road. Turn right and proceed west 10.3 km (6.4 miles) on Mission Gorge and Friars Road to Interstate I-15. Turn right and proceed east 3.7 km (2.3 miles) to Colina Dorada. Turn left and proceed 1.3 km (0.8 mile) north and east to Invierno Drive. Turn right and proceed 100 yards east. Point is in center of cul-de-sac. The field intensity measured at this point should not exceed 271mV/m.

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1. **DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM**

**No. and Type of Elements:** Three (30 vertical, insulated, self-supporting, triangular, tapered, series excited towers. Theoretical RMS: 2153.1 mV/m/km, Nighttime Standard RMS: 2262 mV/m/km.  $Q = 70.711$  mV/m.

**Height above Insulators:** 96 meters (87.6°)

**Overall Height:** 98 meters

**Spacing and Orientation:** With tower #2(C) as reference tower #3 is spaced 110.0° apart on a line bearing 60° T. Tower #1 is spaced 111.9° apart on a line bearing 238.1° T.

**Non-Directional Antenna:** #1 Daytime Operation

**Ground System consists of 120-137 m copper radials equally spaced about towers plus 6 inch copper mesh triangular ground screen approximately 11 m on side installed at base of each tower.**

2. **THEORETICAL SPECIFICATIONS**

<b>Towers:</b>		#1(S)	#2(C)	#3(NE)
<b>Phasing:</b>	Night:	-74.0°	0.0°	67.6°
<b>Field Ratio:</b>	Night:	0.24	1.0	0.678

3. **OPERATING SPECIFICATIONS**

1/ Antenna Base Current Ratio:

Night:	0.243	1.00	0.726
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PM-19 ANTENNA MONITOR INDICATIONS

2/ Phase Indication\*:

Night:	-40°	0°	70°
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**Antenna Base Current Ratio:**

Night:	0.24	1.00	0.720
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3/ Sample Current Ratio:

Night:	0%	0%	0%
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**Precision Adaptor Attenuator Value:**

Night:	38.28	9.29	12.91
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\* As indicated by Potomac Instruments AM-19 D (210) with PMA-19 Adaptor.

- 1/ Permissible deviations from these values shall not exceed  $\pm 5\%$ .
- 2/ Permissible deviations from these values shall not exceed  $\pm 1.4^\circ$ .
- 3/ Permissible deviations from these values shall not exceed  $\pm 2.4\%$ .

\* As indicated by Potomac Instruments AM-19D (210) Antenna Monitor.  
Antenna sampling system approved under Section 73.68 (b) of the Rules.