



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

RAMAR COMMUNICATIONS, INC.
 9800 UNIVERSITY AVENUE
 PO BOX 3757
 LUBBOCK TX 79423

Son Nguyen

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 55061

Call Sign: KJTV

License File Number: BL-20161229AFD

Grant Date: JUN 27 2017

This license expires 3:00 a.m.
 local time, August 01, 2021.

This license modifies license no.: BMP-20140724AAN

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	8:00 PM
Feb.	7:30 AM	6:30 PM	Aug.	6:15 AM	7:30 PM
Mar.	7:00 AM	7:00 PM	Sep.	6:30 AM	7:00 PM
Apr.	6:15 AM	7:15 PM	Oct.	6:45 AM	6:15 PM
May	5:45 AM	7:45 PM	Nov.	7:15 AM	5:45 PM
Jun.	5:30 AM	8:00 PM	Dec.	7:45 AM	5:45 PM

Callsign: KJTV

License No.: BL-20161229AFD

Name of Licensee: RAMAR COMMUNICATIONS, INC.

Station Location: LUBBOCK, TX

Frequency (kHz): 950

Station Class: B

Antenna Coordinates:

Day

Latitude: N 33 Deg 34 Min 56 Sec

Longitude: W 101 Deg 49 Min 32 Sec

Night

Latitude: N 33 Deg 34 Min 56 Sec

Longitude: W 101 Deg 49 Min 32 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: 0.5

Antenna Input Power (kW): Day: 5.4 Night: 0.54

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 10.4 Night: 3.29

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1047309	
2	1047676	

Night:

Tower No.	ASRN	Overall Height (m)
1	1047309	
2	1047676	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 671.1 Night: 217.26

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Day: 705.16 Night: 228.74

Q Factor: Day: Night:

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.7500	0.000	0.0000	0.000	0	86.9
2	1.0000	130.000	70.0000	52.000	0	86.9

* 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	5.0	15.0	193.12
2	12.5	15.0	196.34
3	81.0	22.0	225.31
4	92.0	22.0	189.90

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.8900	0.000	0.0000	0.000	0	86.9
2	1.0000	160.000	70.0000	52.000	0	86.9

* 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	52.0	10.0	225.07
2	120.0	10.0	49.08
3	125.0	10.0	48.28
4	130.0	10.0	48.28
5	270.0	10.0	321.14

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
6	333.0	12.0	59.95
7	339.0	12.0	49.08
8	347.0	16.0	67.59
9	355.0	10.0	88.51

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-129.5	0.778
2	0	1

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-159.6	0.866
2	0	1

Antenna Monitor: POTOMAC INSTRUMENTS 1901-2

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Day Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
7.5	2.59	64
96.5	1.9	93.1

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
125.5	2.61	18.8
338.5	5.28	7.6

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 Licensee shall be responsible for satisfying all reasonable complaints of blanketing interference within the 1 V/m contour as required by Section 73.88 of the Commission's rules.

- 3 Ground system consists of 120 equally spaced, buried, copper radials about the base of each tower, each 76.2 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.

- 4 DESCRIPTION TO MONITORING POINTS:

Direction of 7.5° True North: Point is north of intersection of Ivory & Emory Streets, opposite Matadors sign on stadium building, west edge of Ivory Road. This point is #7 of this proof for this radial and is 2.59 km from the site. The field intensity measured at this point should not exceed 64.0 mV/m. Daytime

NAD 27 Coordinates:

N 33-36-18.9
W 101-49-19.5

Direction of 96.5° True North: Point is off Cherry Street, Southwest corner of parking lot/road from St. Patrick's Roman Catholic Church. This point is #7 of the proof for this Radial and is 1.9 km from the site. The field intensity measured at this point should not exceed 93.1 mV/m. Daytime

NAD 27 Coordinates:

N 33-34-49.8
W 101-48-19.1

Direction of 125.5° True North: Point is on Canyon Lake Drive, South side (lake side), at creek with concrete split with openings. The point is #7 of the Proof for this Radial and is 2.61 km from the site. The field intensity measured at this point should not exceed 18.8 m/m. Nighttime

NAD 27 Coordinates:

N 33-34-07.3
W 101-48-10.0

Direction of 338.5° True North: Point is in front of mailbox at 919 Bradley Street. The point is #13 of the Proof for this Radial and is 5.28 km from the site. The field intensity measured at this point should not exceed 7.6 mV/m. Nighttime

NAD 27 Coordinates:

N 33-37-34.9
W 101-50-48.4

*** END OF AUTHORIZATION ***