



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

Authorizing Official:

Official Mailing Address:

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ALPHA MEDIA LICENSEE LLC  
 1211 SW 5TH AVENUE  
 SUITE 750  
 PORTLAND OR 97204

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Son Nguyen  
 Supervisory Engineer  
 Audio Division  
 Media Bureau

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Facility Id: 23072

Call Sign: KSAH

License File Number: BL-19861030AU

Grant Date:

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

This supersedes authorization granted 03/29/89 (BS-890123) to change operating parameters. (3/18/04 EAL)

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

Name of Licensee: ALPHA MEDIA LICENSEE LLC

Station Location: UNIVERSAL CITY, TX

Frequency (kHz): 720

Station Class: B

Antenna Coordinates:

Day

Latitude: N 29 Deg 31 Min 51 Sec

Longitude: W 98 Deg 10 Min 39 Sec

Night

Latitude: N 29 Deg 31 Min 51 Sec

Longitude: W 98 Deg 10 Min 39 Sec

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

Nominal Power (kW): Day: 10.0 Night: 0.89

Antenna Input Power (kW): Day: 10.368 Night: 0.924

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 14.4 Night: 4.3

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1051426	
2	1051427	
3	1051428	

Night:

Tower No.	ASRN	Overall Height (m)
1	1051426	
2	1051427	
3	1051428	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 915.9                      Night: 297.7  
 Standard RMS (mV/m/km):    Day: 962.3                      Night: 312.8  
 Augmented RMS (mV/m/km):  
 Q Factor:    Day: 31.6                      Night: 10

Theoretical Parameters:

Day 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	79.1
2	0.4400	118.300	80.0000	31.000	0	79.1
3	0.7200	-45.900	160.0000	31.000	0	79.1

\* Tower Reference Switch

- 0 = Spacing and orientation from reference tower
- 1 = Spacing and orientation from previous tower

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	79.1
2	1.5000	106.700	80.0000	31.000	0	79.1
3	0.5600	-146.600	160.0000	31.000	0	79.1

\* Tower Reference Switch

- 0 = Spacing and orientation from reference tower
- 1 = Spacing and orientation from previous tower

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	119.2	0.459
3	-46.4	0.743

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-107.7	0.368
2	0	1
3	107.3	0.663

Antenna Monitor: POTOMAC INSTRUMENTS 1901

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)
31	4.94	110
164.5	2.7	194
211	2	430
258	2.01	250

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
7.5	3.89	39
31	4.94	3.4
54.5	3.46	2.94

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.

2 Location of Monitoring Points:

Direction of 7.5 degrees true North. From the transmitter, commence north-northwest to Lower Sequin Road .56 miles, thence right (east) 2.00 miles to Santa Clara. Turn left (north-northwest) on Santa Clara 1.87 miles to Highway 78, thence left (west) .70 miles to paint mark north side (westbound shoulder) across from abandoned farm house.

Direction of 31 degrees true North. Beginning at the transmitter proceed north-northwest on Stolte Lane .56 miles to Lower Sequin Road, thence right (east) 2.00 miles on Lower Sequin Road to Santa Clara. Turn left (north-northwest) on Santa Clara 1.87 miles to Highway 78, then right (east) .56 miles to paint mark on eastbound shoulder of Highway 78 adjacent to drive of Willie's Garage.

Direction of 54.5 degrees true North. From the transmitter, proceed north-northwest on Stolte Lane .56 miles to Lower Sequin Road, thence right (east) 2.00 miles on Lower Sequin Road to Santa Clara. Left (north-northwest) .39 miles to paint mark on west side of road.

## Special operating conditions or restrictions:

- 3 Direction of 164.5 degrees true north. From the transmitter, proceed south-southeast on Stolte Lane 1.37 miles to Bolton Lane thence right (west-southwest) .41 miles to Zuehl Road. Turning left (south-southeast) .22 miles to the west bound service road of Interstate 10, thence right (west) .08 miles to paint mark in west bound lane.

Direction of 211 degrees true north. Proceeding from the transmitter north-northwest on Stolte Lane .56 miles to Lower Sequin Road, thence left (west) on Lower Sequin 1.36 miles to Hackerville Road. Turn left (south-southeast) on Hackerville 1.56 miles to paint on west side of road on tower line.

Direction of 258 degrees true north. From the transmitter north-northwest on Stolte Lane .56 miles to Lower Sequin Road, thence left (west) on Lower Sequin Road 1.36 miles to Hackerville .54 miles to paint mark on west side of road in front of stone farm house.

- 4 Ground System:

Ground system consists of 120 equally spaced, buried, copper radials about the base of each tower 104.2 m in length except where intersecting radials are shortened and bonded plus a 7.3 m square ground screen about the base of each tower.

- 5 Two communications type antennas are sidemounted near top of of the center tower.

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