



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

Alpha Media Licensee LLC Debtor in Possession Son Nguyen

1211 SW 5TH AVENUE

Supervisory Engineer

SUITE 750

Audio Division

PORTLAND OR 97204

Media Bureau

Facility Id: 71087

Grant Date: April 25, 2013

Call Sign: KTSA

This license expires 3:00 a.m.
local time, August 01, 2013.

License File Number: BMML-20130208ABX

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.	6:15 AM	7:00 PM	Oct.	6:30 AM	6:00 PM
May	5:45 AM	7:15 PM	Nov.	7:00 AM	5:45 PM
Jun.	5:30 AM	7:30 PM	Dec.	7:15 AM	5:30 PM

Name of Licensee: Alpha Media Licensee LLC Debtor in Possession

Station Location: SAN ANTONIO, TX

Frequency (kHz): 550

Station Class: B

Antenna Coordinates:

Day

Latitude: N 29 Deg 29 Min 41 Sec

Longitude: W 98 Deg 24 Min 52 Sec

Night

Latitude: N 29 Deg 29 Min 46 Sec

Longitude: W 98 Deg 24 Min 54 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: 5.0

Antenna Input Power (kW): Day: 5.0 Night: 7.5

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 12.35 Night: 12.26

Resistance (ohms): Day: 32.8 Night: 50

Non-Directional Antenna: Day

Radiator Height: 122 meters; 80.5 deg

Theoretical Efficiency: 302.56 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1022081	

Night:

Tower No.	ASRN	Overall Height (m)
1	1022081	
2	1022082	
3	1022083	
4	1022084	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 663.05
 Standard RMS (mV/m/km):
 Augmented RMS (mV/m/km): Night: 704.89
 Q Factor: Night: 28.56

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	80.5
2	0.7500	121.000	87.6000	348.000	0	80.5
3	1.3330	298.000	170.0000	334.000	0	80.5
4	1.0000	59.000	255.9000	338.800	0	80.5

* 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	34.0	20.0	338.00
2	45.4	10.0	442.60
3	66.5	10.0	767.80
4	108.0	42.0	273.60
5	108.0	10.0	321.90
6	140.0	60.0	933.40
7	170.0	58.0	941.50
8	199.0	10.0	402.30
9	293.5	10.0	314.50
10	311.0	18.0	281.60
11	333.0	22.0	386.20
12	344.0	22.0	442.60
13	355.0	18.0	479.60
14	355.0	10.0	531.10

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	60.4	0.77
2	177.1	0.579
3	0	1

Night Directional Operation:

Twr. Phase	Antenna Monitor
No. (Deg.)	Sample Current Ratio
4 119.5	0.78

Antenna Monitor: POTOMAC INSTRUMENTS 1901

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

- 1 The permittee/licensee in coordination with other users of the site 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 The licensee shall perform the measurements described in Section 73.155 at least once within every 24 month period.
- 3 Tower #3 may be used during maintenance periods on Tower #1 during the daytime. Authorized resistance for tower #3 is 31.7 ohms; authorized current for tower #3 is 12.55 amperes.
- 4 The nighttime common point current is increased from 10.39 amperes to 12.26 amperes due to the current flowing into a dummy load connected to tower #2 which dissipates 2,115 watts.
- 5 Nighttime ground system consists of 120 equally spaced, buried, copper radials about the base of each tower, each 121.95 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 19 meters in length. Where radials intersect the right of way along Eisenhower Road, they will be bonded to a copper strap which will be connected to the existing straps and /or radial wires which cross beneath the road. (A new ground system was installed for each of the five towers which replaced all of the old KTSA ground system with the exception of the portion of the system which is buried beneath Eisenhower Road.)

*** END OF AUTHORIZATION ***