



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

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

Ann Gallagher
 Senior Engineer
 Audio Division
 Media Bureau

Facility Id: 63159

Call Sign: KGNC

License File Number: BMML-20090928AMH

Grant Date: November 03, 2009

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

This license covers permit no.: BP-20090430ABY

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.	8:00 AM	6:00 PM	Jul.	5:45 AM	8:00 PM
Feb.	7:30 AM	6:30 PM	Aug.	6:00 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	5:30 PM

Callsign: KGNC

License No.: BMML-20090928AMH

Name of Licensee: ALPHA MEDIA LICENSEE LLC

Station Location: AMARILLO, TX

Frequency (kHz): 710

Station Class: B

Antenna Coordinates:

Day

Latitude: N 35 Deg 25 Min 11 Sec

Longitude: W 101 Deg 33 Min 24 Sec

Night

Latitude: N 35 Deg 25 Min 11 Sec

Longitude: W 101 Deg 33 Min 24 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: 10.0

Antenna Input Power (kW): Day: 10.5 Night: 10.5

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 14.5 Night: 14.5

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1044600	
2	1044601	
3	1044602	

Night:

Tower No.	ASRN	Overall Height (m)
1	1044600	
2	1044601	
3	1044602	
4	1044603	
5	1044604	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 955.95 Night: 946.29

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Day: 1004.73 Night: 996.01

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	0.1600	180.000	0.0000	0.000	0	78.0
2	0.6930	-90.000	160.0000	5.000	0	78.0
3	1.0000	0.000	160.0000	5.000	1	78.0

* 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	10.0	717.65
2	59.0	10.0	402.34
3	311.0	10.0	402.34

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	120.000	0.0000	0.000	0	78.0
2	2.8800	-120.000	160.0000	5.000	0	78.0
3	3.8800	0.000	160.0000	5.000	1	78.0
4	2.8800	120.000	160.0000	5.000	1	78.0
5	1.0000	-120.000	160.0000	5.000	1	78.0

* 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	10.0	498.90
2	38.0	22.0	145.16

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
3	38.0	10.0	160.93
4	49.0	20.0	97.37
5	59.0	20.0	74.03
6	69.0	20.0	64.37
7	79.0	20.0	64.37
8	90.0	20.0	74.03
9	100.0	20.0	113.46
10	100.0	10.0	168.98
11	128.0	32.0	1517.61
12	270.0	22.0	117.80
13	270.0	10.0	168.98
14	281.0	20.0	73.23
15	291.0	20.0	64.37
16	301.0	20.0	65.18
17	311.0	20.0	74.03
18	321.0	20.0	96.56
19	332.0	10.0	160.93

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-171.3	0.178
2	-87.2	0.696
3	0	1

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	128.3	0.266
2	-117.7	0.744
3	0	1
4	118.3	0.747
5	-123.9	0.265

Antenna Monitor: POTOMAC INSTRUMENTS AM 1901

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

- 1 The licensee shall perform the measurements described in Section 73.155 at least once within each 24 month period.

- 2 The ground system consists of 120 uniformly spaced buried radials extending 50 feet from the base of each tower to the intersection of a copper cable (which terminated a previous ground system). At this point the newer radials are bonded to the copper cable.

*** END OF AUTHORIZATION ***