



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

Townsquare License, LLC
 1 Manhattanville Road
 Suite 202
 Purchase NY 10577

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 30224

Call Sign: KGAB

License File Number: BL-20080313ADW

Grant Date: November 10, 2008

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

This license covers permit no.: BP-20070830ADR

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	5:00 PM	Jul.	4:45 AM	7:30 PM
Feb.	7:00 AM	5:30 PM	Aug.	5:00 AM	7:00 PM
Mar.	6:15 AM	6:00 PM	Sep.	5:45 AM	6:15 PM
Apr.	5:15 AM	6:45 PM	Oct.	6:15 AM	5:15 PM
May	4:45 AM	7:15 PM	Nov.	6:45 AM	4:45 PM
Jun.	4:30 AM	7:30 PM	Dec.	7:15 AM	4:30 PM

Callsign: KGAB

License No.: BL-20080313ADW

Name of Licensee: Townsquare License, LLC

Station Location: ORCHARD VALLEY, WY

Frequency (kHz): 650

Station Class: B

Antenna Coordinates:

Day

Latitude: N 41 Deg 03 Min 11 Sec

Longitude: W 104 Deg 49 Min 57 Sec

Night

Latitude: N 41 Deg 03 Min 11 Sec

Longitude: W 104 Deg 49 Min 57 Sec

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

Nominal Power (kW): Day: 8.5 Night: 0.50

Antenna Input Power (kW): Day: 8.5 Night: 0.54

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 17.7 Night: 3.29

Resistance (ohms): Day: 27 Night: 50

Non-Directional Antenna: Day

Radiator Height: 85.2 meters; 66.5 deg

Theoretical Efficiency: 290.16 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1036800	

Night:

Tower No.	ASRN	Overall Height (m)
1	1036799	
2	1036800	
3	1036801	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 216.28
 Standard RMS (mV/m/km): Night: 227.3
 Augmented RMS (mV/m/km):
 Q Factor: Night:

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	66.5
2	1.9590	-131.800	67.2000	310.000	0	66.5
3	1.0000	-263.500	134.4000	310.000	0	66.5

* Tower Reference Switch

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

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	132	0.48
2	0	1
3	-132	0.47

Antenna Monitor: POTOMAC INSTRUMENTS AM-19 (204)

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
73	3	3.1
103	3.9	2.3
157	9.45	1.08
185	4.35	2.3

Special operating conditions or restrictions:

- 1 Description of Directional Antenna system: Three (3) guyed, series-excited, base insulated, steel radiators of uniform cross-section towers.

Ground system consists of 120 equally spaced, buried, copper radials about the base of each tower extending 85.98 m in length except where terminated by property boundaries or where intersecting radials are shortened and boned. Plus where wires are foreshortened extra radials will be inserted.

- 2 DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 73° True North: From transmitter site go east on SR223, 1.9 miles to U.S. 85, then north on U.S. 85 0.25 miles to point #17, which is located at the edge of the northbound lane (shoulder). This point lies 3.0 km from array.

Direction of 103° True North: From transmitter site go east on SR223, 1.9 miles to U.S. 85, then south on U.S. 85 1.0 miles to Chalk Bluffs Road, then east on the Chalk Bluffs Road, 0.15 miles to point #19, which is located along the south side of the road and lies 3.9 km from array.

Direction of 157° True North: From transmitter site go east on SR223, 1.9 miles to U.S. 85, then south on U.S. 85 6.2 miles to point #25, which is located on east side of road by reflector and lies 9.45 km from array.

Direction of 185° True North: From transmitter site go west on SR223, 5.9 miles to Terry Ranch (SR223) will turn into Terry Ranch Road. After obtaining permission to enter, turn east on Gleason Road (Private) and proceed 3.9 miles. Point #19 is located on side of hill and "bottom" of curve and is staked which a wooden post. It lies at 4.35 km from array.

*** END OF AUTHORIZATION ***