



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

Authorizing Official:

Official Mailing Address:

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CMG NY/TEXAS RADIO, LLC  
 223 Perimeter Center Parkway NE  
 Atlanta GA 30346

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Son Nguyen  
 Supervisory Engineer  
 Audio Division  
 Media Bureau

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Facility Id: 48723

Call Sign: KKYX

License File Number: BL-19860610AB

Grant Date:

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

BMS-2001020ADE: This supersedes authorization of same date to correct the description of monitor point. 8/10/04

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	6:30 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	5:45 PM

Name of Licensee: CMG NY/TEXAS RADIO, LLC

Station Location: SAN ANTONIO, TX

Frequency (kHz): 680

Station Class: B

Antenna Coordinates:

Day

Latitude: N 29 Deg 30 Min 03 Sec

Longitude: W 98 Deg 49 Min 54 Sec

Night

Latitude: N 29 Deg 30 Min 03 Sec

Longitude: W 98 Deg 49 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: 50.0 Night: 10.0

Antenna Input Power (kW): Day: 50.0 Night: 10.5

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 34.7 Night: 14.5

Resistance (ohms): Day: 41.5 Night: 50

Non-Directional Antenna: Day

Radiator Height: 107.4 meters; 87.7 deg

Theoretical Efficiency: 306 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1051218	

Night:

Tower No.	ASRN	Overall Height (m)
1	1051215	
2	1051216	
3	1051217	
4	1051218	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 965  
 Standard RMS (mV/m/km):  
 Augmented RMS (mV/m/km): Night: 1028.37  
 Q Factor: Night: 31.6

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	92.000	0.0000	0.000	0	87.7
2	1.0000	92.000	181.4000	34.000	0	87.7
3	1.0000	0.000	202.5000	60.400	0	87.7
4	1.0000	0.000	90.0000	124.000	0	87.7

\* 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	13.0	34.0	160.00
2	30.0	32.0	188.00
3	50.0	40.0	253.00
4	60.0	16.0	467.00
5	75.0	30.0	998.00
6	90.0	26.0	1619.00
7	197.5	17.0	161.00
8	206.0	16.0	121.00
9	214.0	16.0	121.00
10	222.0	16.0	121.00
11	238.0	32.0	158.00
12	286.0	12.0	72.00
13	292.0	12.0	72.00
14	298.0	12.0	72.00
15	304.0	12.0	72.00
16	310.0	12.0	72.00
17	316.0	10.0	70.00
18	320.0	10.0	70.00
19	328.0	16.0	105.00
20	341.0	26.0	209.00

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
21	354.0	26.0	246.00

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Sample	Monitor Current Ratio
1	88.7	1.055	
2	83.6	1.146	
3	-2.2	1.082	
4	0	1	

Antenna Monitor: POTOMAC INSTRUMENTS, MODEL 1901

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)
18	13.78	6.5
41	4.31	48.2
207	8.71	13.3
229	4.83	16.6
288	3.19	14.1
313	9.32	6.3

## Special operating conditions or restrictions:

## 1 Description of Monitoring Points:

Direction of 18° True North: At the paint mark on the north shoulder of the westbound lanes of Route 16, 20 feet east of double mailboxes, across from a double driveway.

Direction of 41° True North: On the southwest side of Geronimo View Road at the middle of the northwest entrance to the driveway of the house opposite mailbox #9408.

Direction of 207° True North: At the painted arrow on the south edge of Route 1957 in line with a fence running north and south. A water line sign is on the fence.

Direction of 229° True North: At the paint mark on the north edge of the pavement of FM 471. A lone fence post marked with a pink ribbon is located on the south side of the road approximately 75 feet west of the point.

Direction of 288° True North: At the paint mark on the south edge of the pavement of Red Wing road across from a painted rock.

Direction of 313° True North: On the edge of the pavement of FM 1283 next to a road reflector with an orange paint mark.

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