



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

Authorizing Official:

Official Mailing Address:

\_\_\_\_\_  
HIGH DESERT BROADCASTING LLC  
715 BROADWAY  
SUITE 320  
SANTA MONICA CA 90401  
\_\_\_\_\_

\_\_\_\_\_  
Son Nguyen  
Supervisory Engineer  
Audio Division  
Media Bureau  
\_\_\_\_\_

Facility Id: 19702

Call Sign: KOSS

License File Number: BL-20070607AFA

Grant Date: September 13, 2007

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

This license covers permit no.: BP-20061025AEP

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: Daytime with Secondary nighttime

Average hours of sunrise and sunset:  
Local Standard Time (Non-Advanced)

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

Callsign: KOSS

License No.: BL-20070607AFA

Name of Licensee: HIGH DESERT BROADCASTING LLC

Station Location: LANCASTER, CA

Frequency (kHz): 1380

Station Class: D

Antenna Coordinates:

Day

Latitude: N 34 Deg 42 Min 43 Sec

Longitude: W 118 Deg 10 Min 34 Sec

Night

Latitude: N 34 Deg 42 Min 42 Sec

Longitude: W 118 Deg 10 Min 33 Sec

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

Nominal Power (kW): Day: 1.0 Night: 0.02

Antenna Input Power (kW): Day: 1.08 Night: 0.02

Antenna Mode: Day: DA Night: ND

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

Current (amperes): Day: 4.65 Night: 0.63

Resistance (ohms): Day: 50 Night: 49.5

Non-Directional Antenna: Night

Radiator Height: 54.3 meters; 90 deg

Theoretical Efficiency: 305.77 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1244322	
2	1244321	

Night:

Tower No.	ASRN	Overall Height (m)
1	1244321	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 297.73

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Day: 316.5

Q Factor: Day:

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	90.0
2	0.7500	70.000	110.0000	190.000	0	90.0

\* 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	100.0	56.0	354.06
2	140.5	25.0	159.33
3	153.0	25.0	112.65
4	171.5	37.0	74.03
5	190.0	37.0	65.98
6	208.5	37.0	72.42
7	227.0	15.0	112.65
8	234.5	15.0	131.97
9	280.0	76.0	362.10
10	320.0	80.0	421.65

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	60	0.9

Antenna Monitor: POTOMAC INSTRUMENTS AM-19(204)

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)
153	5.52	16.3
190	4.23	15

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 MONITOR POINT DESCRIPTIONS
  - 153° - Point located on southwest corner of City Park North and Avenue K-8 directly over manhole cover and next to chain link fence for city park with baseball diamonds, 5.52 km from site, max 16.3 mV/m daytime.
  
  - 190° - From intersection of K Street and 30th Street, proceed west on K Street and then immediate left turn into Bethel Church and School entrance, then proceed east, parallel to K Street to area near church parking lot exit curb cut. Point located 69 feet south of east edge of curb cut and 107 feet east of northwest corner of playground fence, 4.23 km from site, max 15.0 mV/m daytime.
  
- 3 Ground system consists of 120 equally spaced, buried, copper radials about the base of each tower, each 68.6 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.

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