

July 23, 2015

VIA HAND DELIVERY

Marlene H. Dortch, Secretary
Office of the Secretary
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

STAMP & RETURN

ATTN: Son Nguyen, Audio Division, Media Bureau

Re: Direct Measurement of Power
Butte Broadcasting Company, Inc.
KKXX(AM), Paradise, CA, Fac. ID 7909

ACCEPTED/FILED
JUL 23 2015
Federal Communications Commission
Office of the Secretary

Dear Secretary Dortch:

Butte Broadcasting Company, Inc., by and through counsel ("Butte"), submits this application for Direct Measurement of Power of KKXX(AM), Paradise, California, Fac. ID 7909 in triplicate. No filing fee is required for this application.

The application is submitted as a condition of the construction permit for Calvary Chapel of Twin Falls, Inc.'s translator K204DK, Chico, California, Fac. ID 92862. See BMPFT-20141030AAO, Special Operating Condition No. 4 (the "Permit"). Translator K204DK has a pending application to license the facilities authorized in the Permit. See BLFT-20150105ABI (the "License Application"). Butte requests that the instant application be associated with the Permit and the License Application.

If you have any questions regarding this application, please contact the undersigned.

Very truly yours,



Nathaniel J. Hardy

FOR
FCC
USE
ONLY

FCC 302-AM
APPLICATION FOR AM
BROADCAST STATION LICENSE

(Please read instructions before filling out form.)

FOR COMMISSION USE ONLY

FILE NO.

SECTION I - APPLICANT FEE INFORMATION

ACCEPTED/FILED

1. PAYOR NAME (Last, First, Middle Initial)

BUTTE BROADCASTING COMPANY, INC.

JUL 23 2015

MAILING ADDRESS (Line 1) (Maximum 35 characters)

3185 SOUTH HIGHLAND DRIVE, SUITE 13

Federal Communications Commission
Office of the Secretary

MAILING ADDRESS (Line 2) (Maximum 35 characters)

CITY
LAS VEGAS

STATE OR COUNTRY (if foreign address)
NV

ZIP CODE
89109-1029

TELEPHONE NUMBER (include area code)
7027315588

CALL LETTERS
KXXX

OTHER FCC IDENTIFIER (if applicable)
7909

2. A. Is a fee submitted with this application?

☐ Yes ☒ No

B. If No, indicate reason for fee exemption (see 47 C.F.R. Section

☐ Governmental Entity ☐ Noncommercial educational licensee ☒ Other (Please explain): Direct measurement

C. If Yes, provide the following information:

Enter in Column (A) the correct Fee Type Code for the service you are applying for. Fee Type Codes may be found in the "Mass Media Services Fee Filing Guide." Column (B) lists the Fee Multiple applicable for this application. Enter fee amount due in Column (C).

(A)		
FEE TYPE CODE		

(B)			
FEE MULTIPLE			
0	0	0	1

(C)
FEE DUE FOR FEE TYPE CODE IN COLUMN (A)
\$

FOR FCC USE ONLY

To be used only when you are requesting concurrent actions which result in a requirement to list more than one Fee Type Code.

(A)

(B)			
0	0	0	1

(C)
\$

FOR FCC USE ONLY

ADD ALL AMOUNTS SHOWN IN COLUMN C, AND ENTER THE TOTAL HERE. THIS AMOUNT SHOULD EQUAL YOUR ENCLOSED REMITTANCE.

TOTAL AMOUNT REMITTED WITH THIS APPLICATION
\$

FOR FCC USE ONLY

SECTION II - APPLICANT INFORMATION		
1. NAME OF APPLICANT BUTTE BROADCASTING COMPANY, INC.		
MAILING ADDRESS 3185 SOUTH HIGHLAND DRIVE, SUITE 13		
CITY LAS VEGAS	STATE NV	ZIP CODE 89109-1029

2. This application is for:

- ☒ Commercial
 ☐ Noncommercial
☐ AM Directional
 ☒ AM Non-Directional

Call letters KKXX	Community of License PARADISE	Construction Permit File No. N/A	Modification of Construction Permit File No(s). N/A	Expiration Date of Last Construction Permit N/A
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3. Is the station now operating pursuant to automatic program test authority in accordance with 47 C.F.R. Section 73.1620?

☐ Yes ☒ No

If No, explain in an Exhibit.

Exhibit No.
NA / EXHIBIT 1

4. Have all the terms, conditions, and obligations set forth in the above described construction permit been fully met?

☒ Yes ☐ No

If No, state exceptions in an Exhibit.

Exhibit No.
N/A

5. Apart from the changes already reported, has any cause or circumstance arisen since the grant of the underlying construction permit which would result in any statement or representation contained in the construction permit application to be now incorrect?

☒ Yes ☐ No

If Yes, explain in an Exhibit.

Exhibit No.
N/A

6. Has the permittee filed its Ownership Report (FCC Form 323) or ownership certification in accordance with 47 C.F.R. Section 73.3615(b)?

☐ Yes ☐ No

If No, explain in an Exhibit.

☒ Does not apply

Exhibit No.

7. Has an adverse finding been made or an adverse final action been taken by any court or administrative body with respect to the applicant or parties to the application in a civil or criminal proceeding, brought under the provisions of any law relating to the following: any felony; mass media related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination?

☐ Yes ☒ No

If the answer is Yes, attach as an Exhibit a full disclosure of the persons and matters involved, including an identification of the court or administrative body and the proceeding (by dates and file numbers), and the disposition of the litigation. Where the requisite information has been earlier disclosed in connection with another application or as required by 47 U.S.C. Section 1.65(c), the applicant need only provide: (i) an identification of that previous submission by reference to the file number in the case of an application, the call letters of the station regarding which the application or Section 1.65 information was filed, and the date of filing; and (ii) the disposition of the previously reported matter.

Exhibit No.

8. Does the applicant, or any party to the application, have a petition on file to migrate to the expanded band (1605-1705 kHz) or a permit or license either in the existing band or expanded band that is held in combination (pursuant to the 5 year holding period allowed) with the AM facility proposed to be modified herein?

☐ Yes ☒ No

If Yes, provide particulars as an Exhibit.

Exhibit No.

The APPLICANT hereby waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because use of the same, whether by license or otherwise, and requests and authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended).

The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations and that all the exhibits are a material part hereof and are incorporated herein as set out in full in

CERTIFICATION

1. By checking Yes, the applicant certifies, that, in the case of an individual applicant, he or she is not subject to a denial of federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862, or, in the case of a non-individual applicant (e.g., corporation, partnership or other unincorporated association), no party to the application is subject to a denial of federal benefits that includes FCC benefits pursuant to that section. For the definition of a "party" for these purposes, see 47 C.F.R. Section 1.2002(b).

☒ Yes ☐ No

2. I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Name CARL AUEL	Signature /Carl Auel/	
Title PRESIDENT	Date 7/6/2015	Telephone Number 7027315588

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION

FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT AND THE PAPERWORK REDUCTION ACT

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The Commission will use the information provided in this form to determine whether grant of the application is in the public interest. In reaching that determination, or for law enforcement purposes, it may become necessary to refer personal information contained in this form to another government agency. In addition, all information provided in this form will be available for public inspection. If information requested on the form is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Your response is required to obtain the requested authorization.

Public reporting burden for this collection of information is estimated to average 639 hours and 53 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, can be sent to the Federal Communications Commission, Records Management Branch, Paperwork Reduction Project (3060-0627), Washington, D. C. 20554. Do NOT send completed forms to this address.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

SECTION III - LICENSE APPLICATION ENGINEERING DATA

Name of Applicant

BUTTE BROADCASTING COMPANY, INC.

PURPOSE OF AUTHORIZATION APPLIED FOR: (check one)

☐

Station License

☒

Direct Measurement of Power

1. Facilities authorized in construction permit					
Call Sign KKXX	File No. of Construction Permit (if applicable)	Frequency (kHz) 930	Hours of Operation 24	Power in kilowatts	
				Night .037	Day 1.000
2. Station location					
State CA			City or Town PARADISE		
3. Transmitter location					
State CA	County BUTTE		City or Town PARADISE	Street address (or other identification) 3.8 MILES WEST ON SKYWAY	
4. Main studio location					
State CA	County BUTTE		City or Town CHICO	Street address (or other identification) 1363 LONGFELLOW AVE.	
5. Remote control point location (specify only if authorized directional antenna)					
State	County		City or Town	Street address (or other identification)	

6. Has type-approved stereo generating equipment been installed?

☐

Yes

☒

No

7. Does the sampling system meet the requirements of 47 C.F.R. Section 73.68?

☐

Yes

☐

No

☒

Not Applicable

Attach as an Exhibit a detailed description of the sampling system as installed.

Exhibit No.

8. Operating constants:						
RF common point or antenna current (in amperes) without modulation for night system 37.4 OHMS RESISTIVE				RF common point or antenna current (in amperes) without modulation for day system 37.3 OHMS INDUCTIVE REACTANCE		
Measured antenna or common point resistance (in ohms) at operating frequency Night 0.995 Day 5.17				Measured antenna or common point reactance (in ohms) at operating frequency Night 0.995 Day 5.17		
Antenna indications for directional operation						
Towers	Antenna monitor Phase reading(s) in degrees		Antenna monitor sample current ratio(s)		Antenna base currents	
	Night	Day	Night	Day	Night	Day
Manufacturer and type of antenna monitor:						

SECTION III - Page 2

9. Description of antenna system (If directional antenna is used, the information requested below should be given for each element of the array. Use separate sheets if necessary.)

Type Radiator	Overall height in meters of radiator above base insulator, or above base, if grounded.	Overall height in meters above ground (without obstruction lighting)	Overall height in meters above ground (include obstruction lighting)	If antenna is either top loaded or sectionalized, describe fully in an Exhibit. <div>Exhibit No.</div>
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Excitation ☒ Series ☐ Shunt

Geographic coordinates to nearest second. For directional antenna give coordinates of center of array. For single vertical radiator give tower location.

North Latitude 39 ° 43 ' 37.0 "	West Longitude 121 ° 40 ' 45.0 "
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If not fully described above, attach as an Exhibit further details and dimensions including any other antenna mounted on tower and associated isolation circuits.

Exhibit No.
EXHIBIT 1

Also, if necessary for a complete description, attach as an Exhibit a sketch of the details and dimensions of ground system.

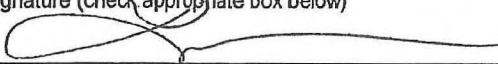
Exhibit No.

10. In what respect, if any, does the apparatus constructed differ from that described in the application for construction permit or in the permit?
N/A

11. Give reasons for the change in antenna or common point resistance.

ADDITION OF TRANSLATOR ANTENNA TO THE TOWER

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

Name (Please Print or Type) LOIS MILLS	Signature (check appropriate box below) 
Address (include ZIP Code) P.O. BOX 391 TWIN FALLS, ID 83303	Date 7/6/2015 Telephone No. (Include Area Code) 2087346633

☐ Technical Director

☐ Registered Professional Engineer

☐ Chief Operator

☐ Technical Consultant

☒ Other (specify) Technician

ENGINEERING EXHIBIT 1

AM DIRECT MEASUREMENTS

TOWER-VERTICAL PLAN SKETCH

FCC ASR#1060388

CURRENT KKXX PARADISE - LICENSE



ENGINEERING REPORT

Base Impedance Measurement KKXX Radio, 930 KHz Paradise, California December 31, 2014

Following the installation of a translator antenna and isocoupler on the KKXX transmitting tower the Base Impedance at the KKXX operating frequency was measured.

This measurement was made on December 31, 2014 by the undersigned using a Delta Electronics model OIB-3 Operating Impedance Bridge. The signal source for this measurement was the station's broadcast transmitter. The impedance was measured at the point of RF current measurement at the output of the antenna matching network.

The base impedance of the KKXX antenna was measured to be 37.4 ohms resistive and 37.3 ohms inductive reactance ($37.4 + j37.3$ Ohms).

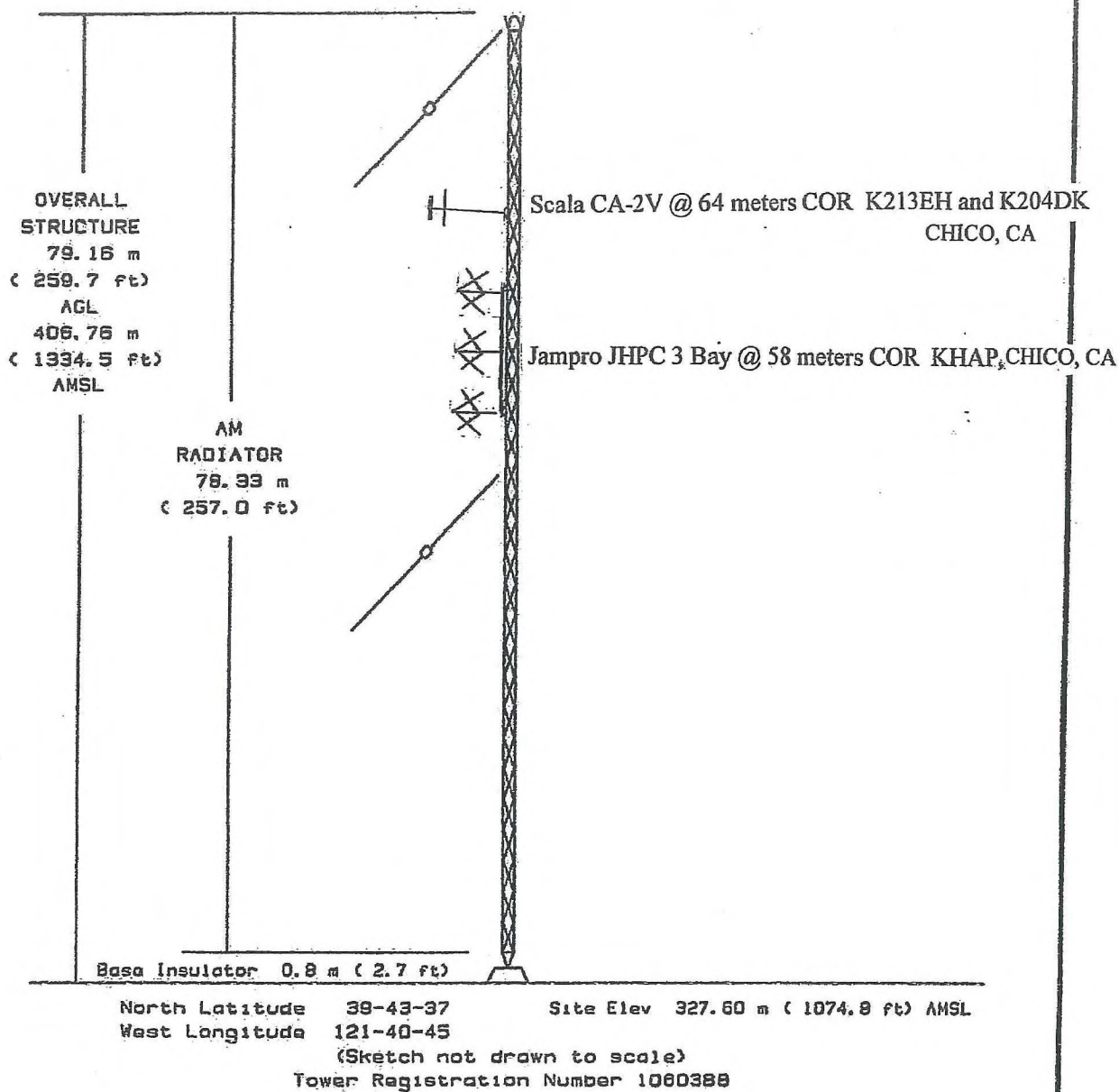
The Base Current Ammeter should read 5.17 amperes with the daytime power of 1.0 Kilowatt and 0.995 amperes with the nighttime power of 37 watts.

The matching network was adjusted to present a 50 ohm resistive ($50.0 + j0$ Ohms) load to the broadcast transmitter.

A handwritten signature in cursive script, appearing to read "Dale L. Harry", written over a horizontal line.

Dale L. Harry
Technical Director, Sierra Broadcast Service

5703 Crown Court
Rocklin, CA 95677-3382
916-624-3431 Business
916-624-3438 Fax



VERTICAL PLAN SKETCH

SITE ELEVATION - 328 m (1075 ft) AMSL
TOP OF STRUCTURE - 79 m (260 ft) AGL
407 m (1335 ft) AMSL
AM Radiator - 78 m (257 ft)

FIGURES ROUNDED TO NEAREST METER (FOOT).

EXHIBIT #IC
MINOR CHANGE APPLICATION
BUTTE BROADCASTING COMPANY, INC.
KKXX AM RADIO STATION
930 kHz - 0.037/1.0 kW - ND
PARADISE, CALIFORNIA
November 2010

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

ASR Registration Search

Registration 1060388


 [Map Registration](#)

EXHIBIT #1D
MINOR CHANGE APPLICATION
BUTTE BROADCASTING COMPANY, INC.
KKXX AM RADIO STATION
930 kHz - 0.037/1.0 kW - ND
PARADISE, CALIFORNIA
November 2010

Registration Detail

Reg Number	1060388	Status	Constructed
File Number	A0707508	Constructed	01/01/1960
FAA Study	88-AWP-689-OE	EMI	No
FAA Issue Date	07/29/1988	NEPA	No

Antenna Structure

Structure Type TOWER - Free standing or Guyed Structure used for Communications Purposes

Location (in NAD83 Coordinates)

Lat/Long 39-43-37.0 N 121-40-49.0 W 3.8 MI W ON SKYWAY

City, State PARADISE , CA

Center of
AM Array

Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
327.6	79.2
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
406.8	78.3

Painting and Lighting Specifications

FAA Chapters 3, 4, 5, 9

Paint and Light in Accordance with FAA Circular Number 70/7460-1G

Owner & Contact Information

FRN	0001541952	Licensee ID	L00023043
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Owner

BUTTE BROADCASTING COMPANY INC DBA =
KKXX AM

Attention To: CARL J. AUER
3185 South Highland Drive, Suite 13
Las Vegas , NV 89109-1029

P: (702)731-5588
E: cauel@gate.net

Contact

P:
E:

Last Action Status

Status	Constructed	Received	12/14/2010
Purpose	Admin Update	Entered	12/14/2010
Mode	Interactive		

Related Applications



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

BUTTE BROADCASTING COMPANY, INC.
3185 SOUTH HIGHLAND
SUITE 13
LAS VEGAS NV 89109

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: March 12, 2012

Facility Id: 7909

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

Call Sign: KKXX

License File Number: BL-20120126AGI

This license covers permit no.: BP-20101223ACC

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

Callsign: KKXX

License No.: BL-20120126AGI

Name of Licensee: BUTTE BROADCASTING COMPANY, INC.

Station Location: PARADISE, CA

Frequency (kHz): 930

Station Class: D

Antenna Coordinates:

Day

Latitude: N 39 Deg 43 Min 37 Sec

Longitude: W 121 Deg 40 Min 45 Sec

Night

Latitude: N 39 Deg 43 Min 37 Sec

Longitude: W 121 Deg 40 Min 45 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: 0.037

Antenna Input Power (kW): Day: 1.0 Night: 0.037

Antenna Mode: Day: ND Night: ND

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

Current (amperes): Day: 4.38 Night: 0.84

Resistance (ohms): Day: 52 Night: 52

Non-Directional Antenna: Day

Radiator Height: 78.35 meters; 87.5 deg

Theoretical Efficiency: 304.17 mV/m/kw at 1km

Non-Directional Antenna: Night

Radiator Height: 78.35 meters; 87.5 deg

Theoretical Efficiency: 304.17 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1060388	

Night:

Tower No.	ASRN	Overall Height (m)
1	1060388	

Callsign: KXXX

License No. : BL-20120126AGI

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 Ground system is constructed using 6 wires, equally spaced, around the tower, tapering upward at approximately 30 degree from ground level at the tower to posts 12 to 15 feet above ground, then extending outward to other posts for a distance of 264 feet.

*** END OF AUTHORIZATION ***