



Approved by OMB (Office of Management and Budget) 3060-0386
July 2002

(REFERENCE COPY - Not for submission)
Full Power FM Engineering STA Application

File Number: **BSTA-20170223AAA** | Submit Date: **02/23/2017** | Lead Call Sign: **KDER** | Facility ID: **191569** |

FRN: **0006238380**

Service: **Full Power FM** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **03/02/2017** | Filing Status:
Inactive

General
Information

Section	Question	Response
Attachments	Are attachments (other than associated schedules) being filed with this application?	

Fees, Waivers,
and Exemptions

Section	Question	Response
Fees	Is the applicant exempt from FCC application Fees?	Yes
	Indicate reason for fee exemption:	Noncommercial Educational Licensee or Permittee
	Is the applicant exempt from FCC regulatory Fees?	
Waivers	Does this filing request a waiver of the Commission's rule (s)?	
	Total number of rule sections involved in this waiver request:	

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
HOUSTON CHRISTIAN BROADCASTERS, INC. Applicant Doing Business As: HOUSTON CHRISTIAN BROADCASTERS, INC.	2424 SOUTH BOULEVARD HOUSTON, TX 77098 United States	+1 (713) 520-5200	EMAIL@KHCB.ORG	OTH

Contact
Representatives
(2)

Contact Name	Address	Phone	Email	Contact Type
JOHN J. MULLANEY <i>CONSULTING ENGINEER</i>	MULLANEY ENGINEERING, INC. 4937-G GREEN VALLEY ROAD MONROVIA, MD 21770 United States	+1 (301) 921-0115	MULLANEY@MULLENGR.COM	Technical Representative
JEFFREY D. SOUTHMAYD SOUTHMAYD & MILLER	4 OCEAN RIDGE BOULEVARD SOUTH PALM COAST, FL 32137 United States	+1 (386) 445-9156	JDSOUTHMAYD@MSN.COM	Legal Representative

STA Purpose

Channel and Facility Information

Section	Question	Response
STA Purpose	This Special Temporary Authority is requested for use of:	Other antenna system
Section	Question	Response
Proposed Community of License	State	Texas
	City	COMSTOCK
	Channel	257
	Frequency	99.3
Facility Type	Facility Type	
Station Class	Station Class	

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1227951
Coordinates (NAD83)	Latitude	29° 32' 25.8" N+
	Longitude	101° 07' 22.4" W-
	Structure Type	
	Overall Structure Height	147 meters
	Support Structure Height	
	Ground Elevation (AMSL)	
Antenna Data	Height of Radiation Center Above Ground Level	Horizontal:73.2 meters Vertical:73.2 meters
	Height of Radiation Center Above Average Terrain	Horizontal:103 meters Vertical:103 meters
	Height of Radiation Center Above Mean Sea Level	Horizontal:469.4 meters Vertical:469.4 meters
	Effective Radiated Power	Horizontal:0.29 kW Vertical: 0.29 kW

Antenna Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Off the Shelf

Directional Antenna Relative Field Value

Degree	Value	Degree	Value	Degree	Value	Degree	Value
--------	-------	--------	-------	--------	-------	--------	-------

Additional Azimuths

Degree	Value
--------	-------

STA

Certifications

Section	Question	Response
Environmental Effect	Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? (See 47 C.F.R. Section 1.1306)	

Certification

Section	Question	Response
General Certification Statements	The Applicant 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 of the previous use of the same, whether by authorization or otherwise, and requests an Authorization in accordance with this application (See Section 304 of the Communications Act of 1934, as amended.).	
	The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to §5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. § 862, because of a conviction for possession or distribution of a controlled substance. This certification does not apply to applications filed in services exempted under §1.2002(c) of the rules, 47 CFR . See §1.2002(b) of the rules, 47 CFR § 1.2002(b), for the definition of "party to the application" as used in this certification § 1.2002(c). The Applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.	
Authorized Party to Sign	FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID Upon grant of this application, the Authorization Holder may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in automatic cancellation of the Authorization. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of Authorization requested in this application. WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, §1001) AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, §312(a)(1)), AND /OR FORFEITURE (U.S. Code, Title 47, §503).	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	BRUCE MUNSTERMAN

Attachments

File Name	Uploaded By	Attachment Type	Description	Upload Status
1751860_1440088.txt	Applicant	All Purpose	ENVIRONMENTAL COMPLIANCE - STA APP	Done with Virus Scan and/or Conversion
1751860_1440089.txt	Applicant	All Purpose	ENGINEERING DISCUSSION - STA	Done with Virus Scan and/or Conversion

<u>1751860_27466322.pdf</u>	Applicant	All Purpose	Fig 1 Proposed STA Summary - Ch. 257	Done with Virus Scan and/or Conversion
<u>1751860_27466323.pdf</u>	Applicant	All Purpose	Fig 1A - Sketch of Antenna Mounting	Done with Virus Scan and/or Conversion
<u>1751860_27466324.pdf</u>	Applicant	All Purpose	Fig 2 - Map Demonstrating 60 dBu STA Compliance	Done with Virus Scan and/or Conversion
<u>1751860_27466327.pdf</u>	Applicant	All Purpose	Fig 5 Plot of Combined RF Exposure KTDR-C1 & KDER-C2	Done with Virus Scan and/or Conversion
<u>D:\data\prod\cdbs\letters\72\A-1751860_F-191569_L-72594-BSTA-20170223AAA.pdf</u>	Internal	All Purpose	imported letter	Done with Virus Scan and/or Conversion