



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000068062 | Submit Date: 02/25/2019 | Call Sign: KTBU | Facility ID: 28324 | FRN: 0016584138 | State: Texas | City: CONROE

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 03/06/2019 | Expiration Date:

Filing Status: InActive

General Information

Section	Question	Response
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Fees, Waivers, and Exemptions

Section	Question	Response
Fees	Is the applicant exempt from FCC application Fees?	Yes
	Indicate reason for fee exemption:	Fee exemption because STA is necessary due to repack.
Waivers	Does this filing request a waiver of the Commission's rule(s)?	No
	Total number of rule sections involved in this waiver request:	

**Applicant
Information**

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
KTBU LICENSING, INC. Applicant Doing Business As: KTBU LICENSING, INC.	Spanish Broadcasting System, Inc. 7007 NW 77TH AVE. MIAMI, FL 33166 United States	+1 (305) 441-6901	licensemanagement@sbscorporate. com	Other

Authorization Holder Name

Check box if the Authorization Holder name is being updated because of the sale (or transfer of control) of the Authorization(s) to another party and for which proper Commission approval has not been received or proper notification provided.

Contact
Representatives
(3)

Contact Name	Address	Phone	Email	Contact Type
Pierre Jaspar Gluck Spanish Broadcasting System, Inc.	Carl Gluck 7007 NW 77th Avenue Miami, FL 33166 United States	+1 (305) 644- 4822	test@fcc.gov	Technical Representative
Pierre Jaspar Jaspar Spanish Broadcasting System, Inc.	7007 NW 77th Avenue Miami, FL 33166 United States	+1 (305) 644- 4822	pjaspar@sbscorporate. com	Technical Representative
Esq Nancy A Ory A Ory , Esq . Lerman Senter PLLC	2001 L St NW Suite 400 Washington, DC 20036 United States	+1 (202) 429- 8970	nory@lermansenter. com	Legal Representative

Channel and
Facility
Information

Section	Question	Response
Proposed Community of License	Facility ID	28324
	State	Texas
	City	CONROE
	DTV Channel	42
	Designated Market Area	Houston
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	3

Antenna Location
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1059622
Coordinates (NAD83)	Latitude	29° 33' 45.2" N+
	Longitude	095° 30' 35.9" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	601.7 meters
	Support Structure Height	562.1 meters
	Ground Elevation (AMSL)	22.6 meters
Antenna Data	Height of Radiation Center Above Ground Level	480.2 meters
	Height of Radiation Center Above Average Terrain	487 meters
	Height of Radiation Center Above Mean Sea Level	502.8 meters
	Effective Radiated Power	370 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1004675
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TFU-24WB C160
	Rotation	0 degrees
	Electrical Beam Tilt	1.0
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
DTV and DTS: Elevation Pattern	Does the proposed antenna propose elevation radiation patterns that vary with azimuth for reasons other than the use of mechanical beam tilt?	No
	Uploaded file for elevation antenna (or radiation) pattern data	

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.870	90	0.856	180	0.584	270	0.857
10	0.868	100	0.810	190	0.527	280	0.912
20	0.873	110	0.756	200	0.385	290	0.965
30	0.901	120	0.668	210	0.272	300	1.000
40	0.948	130	0.527	220	0.358	310	0.992
50	0.988	140	0.355	230	0.530	320	0.952
60	1.000	150	0.273	240	0.671	330	0.903
70	0.964	160	0.387	250	0.758	340	0.873
80	0.911	170	0.528	260	0.811	350	0.867

Additional Azimuths

Degree	V _A
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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 certify that this application includes all required and relevant attachments.	Yes
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	Richard Lara Lara <i>Secretary</i> 02/25/2019

Attachments

File Name	Uploaded By	Attachment Type	Description
KTBU 42 STA Worst-Case Less Than 5% Radiofrequency Statement.pdf	Applicant	General Information	EPA RFR Statement
KTBU STA Extraordinary Circumstances.pdf	Applicant	General Information	Extraordinary Circumstances Requiring STA
KTBU_STA.pdf	Applicant	All Purpose	KTBU 42 STA Coverage Map