



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000022369 | Submit Date: 03/27/2017 | Call Sign: KTAJ-TV | Facility ID: 999 | FRN: 0004346060 | State: Missouri | City: ST. JOSEPH

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 04/05/2017 | Expiration Date:

Filing Status: Active

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?	No
	Indicate reason for fee exemption:	
Waivers	Does this filing request a waiver of the Commission's rule(s)?	No
	Total number of rule sections involved in this waiver request:	

Application Type	Fee Code	Fee Amount
Engineering STA	MGT	\$190.00
Total		\$190.00

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
TRINITY CHRISTIAN CENTER OF SANTA ANA, INC. Applicant Doing Business As: TRINITY CHRISTIAN CENTER OF SANTA ANA, INC.	P.O. BOX C-11949 SANTA ANA, CA 92711 United States	+1 (714) 832-2950	cmmay@maylawoffices.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
(2)

Contact Name	Address	Phone	Email	Contact Type
Esq. Colby M May M May , Esq. . COLBY M. MAY, ESQ., P.C.	Colby M. May PO Box 15473 WASHINGTON, DC 20003 United States	+1 (202) 544- 5171	CMMAY@MAYLAWOFFICES. COM	Legal Representative
WARREN B. Miller B. Miller Trinity Christian Center of Santa Ana, Inc.	P. O. Box C-11949 Santa Ana, NC 92711 United States	+1 (714) 832- 2950	bmiller@tbn.org	Technical Representative

Channel and
Facility
Information

Section	Question	Response
Proposed Community of License	Facility ID	999
	State	Missouri
	City	ST. JOSEPH
	DTV Channel	21
	Designated Market Area	St. Joseph
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	2

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1064715
Coordinates (NAD83)	Latitude	39° 01' 19.9" N+
	Longitude	094° 30' 49.7" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	353.0 meters
	Support Structure Height	323.5 meters
	Ground Elevation (AMSL)	270.1 meters
Antenna Data	Height of Radiation Center Above Ground Level	321 meters
	Height of Radiation Center Above Average Terrain	315.8 meters
	Height of Radiation Center Above Mean Sea Level	591.1 meters
	Effective Radiated Power	500 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	68463
Antenna Manufacturer and Model	Manufacturer:	AND
	Model	ATW16H3-HSC3-21S
	Rotation	0 degrees
	Electrical Beam Tilt	0.75
	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	1	90	0.725	180	0.421	270	0.725
10	0.993	100	0.66	190	0.399	280	0.77
20	0.975	110	0.57	200	0.343	290	0.804
30	0.945	120	0.46	210	0.282	300	0.836
40	0.91	130	0.347	220	0.274	310	0.872
50	0.872	140	0.274	230	0.347	320	0.91
60	0.836	150	0.282	240	0.46	330	0.945
70	0.804	160	0.343	250	0.57	340	0.975
80	0.77	170	0.399	260	0.66	350	0.993

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.	John B. Casoria Esq. B. Casoria , Esq. . <i>Assistant Secretary</i> 03/27/2017

Attachments

File Name	Uploaded By	Attachment Type	Description
20170327 -- KTAJ Status of Operation (Request for STA).docx	Applicant	General Information	
22369.pdf	Internal	All Purpose	