



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **0000060607** | Submit Date: **10/05/2018** | Call Sign: **KFXB-TV** | Facility ID: **17625** | FRN: **0013774344** | State: **Iowa** | City: **DUBUQUE**

Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **10/19/2018** | 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?	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	\$200.00
Total		\$200.00

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
CHRISTIAN TELEVISION NETWORK OF IOWA, INC. Applicant Doing Business As: CHRISTIAN TELEVISION NETWORK OF IOWA, INC.	Chris Mavros 744 Main St Dubuque, IA 52001 United States	+1 (563) 690-1704	clmavros@yahoo.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
III Joseph C Chautin C Chautin , III . Hardy, Carey, Chautin & Balkin, LLP	1080 West Causeway Approach Mandeville, LA 70471 United States	+1 (985) 629-0777	jchautin@hardycarey.com	Legal Representative
W. Jeffrey Reynolds L Mavros du Treil, Lundin & Rackley, Inc.	3135 Southgate Circle Sarasota, FL 34239 United States	+1 (941) 329-6000	test@fcc.gov	Technical Representative
W. Jeffrey Reynolds Jeffrey Reynolds du Treil, Lundin & Rackley, Inc.	3135 Southgate Circle Sarasota, FL 34239 United States	+1 (941) 329-6000	JEFF@DLR.COM	Technical Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	17625
	State	Iowa
	City	DUBUQUE
	DTV Channel	43
	Designated Market Area	Cedar Rapids-Wtrlo-IWC&Dub
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	1055265
Coordinates (NAD83)	Latitude	42° 31' 09.0" N+
	Longitude	090° 37' 11.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	255.1 meters
	Support Structure Height	240.5 meters
	Ground Elevation (AMSL)	262.1 meters
Antenna Data	Height of Radiation Center Above Ground Level	175 meters
	Height of Radiation Center Above Average Terrain	188 meters
	Height of Radiation Center Above Mean Sea Level	437.1 meters
	Effective Radiated Power	4.5 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1004201
Antenna Manufacturer and Model	Manufacturer:	KAT
	Model	75010402
	Rotation	240 degrees
	Electrical Beam Tilt	2
	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	0.987	90	0.555	180	0.126	270	0.578
10	0.995	100	0.462	190	0.132	280	0.682
20	1.0	110	0.377	200	0.123	290	0.772
30	0.992	120	0.303	210	0.125	300	0.843
40	0.965	130	0.239	220	0.165	310	0.903
50	0.918	140	0.175	230	0.227	320	0.943
60	0.844	150	0.113	240	0.293	330	0.966
70	0.75	160	0.082	250	0.369	340	0.975
80	0.651	170	0.101	260	0.466	350	0.981

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.	Robert D'Andrea D'Andrea <i>President</i> 10/05/2018

Attachments

File Name	Uploaded By	Attachment Type	Description
KFXB Low Power STA Request (justification).pdf	Applicant	General Information	JUSTIFICATION
KFXB-TV STA Coverage Map.pdf	Applicant	All Purpose	STA PREDICTED COVERAGE CONTOURS
KFXB-TV STA Technical Summary & RFR Hazard Statement.pdf	Applicant	General Information	TECHNICAL SUMMARY/RFR COMPLIANCE