



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **0000107376** | Submit Date: **03/09/2020** | Call Sign: **KTXL** | Facility ID: **10205** | FRN: **0005047105** | State: **California** | City: **SACRAMENTO**

Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **03/13/2020** | 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
Tribune Media Company Applicant Doing Business As: Tribune Media Company	Elizabeth Ryder 545 E. John Carpenter Freeway Irving, TX 75062 United States	+1 (972) 373- 8000	eryder@nexstar. tv	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
Louis R duTreil , Jr . <i>Technical Consultant</i> duTreil Lundin & Rackley Inc	3135 Southgate Circle Sarasota, FL 34239 United States	+1 (941) 329- 6004	bobjr@DLR. com	Technical Consultant
Elizabeth Ryder Ryder Nexstar Broadcasting, Inc.	Elizabeth Ryder 545 E John Carpenter Freeway Irving, TX 75062 United States	+1 (972) 373- 8800	eyder@nexstar. tv	Legal Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	10205
	State	California
	City	SACRAMENTO
	DTV Channel	40
	Designated Market Area	Sacramnto-Stkton-Modesto
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	1012278
Coordinates (NAD83)	Latitude	38° 16' 18.0" N+
	Longitude	121° 30' 22.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	608.7 meters
	Support Structure Height	591.3 meters
	Ground Elevation (AMSL)	0.6 meters
Antenna Data	Height of Radiation Center Above Ground Level	566 meters
	Height of Radiation Center Above Average Terrain	564 meters
	Height of Radiation Center Above Mean Sea Level	566.6 meters
	Effective Radiated Power	200 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	1001007
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TFU16DSB-M
	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	0.873	90	0.908	180	0.684	270	0.227
10	0.951	100	0.921	190	0.583	280	0.183
20	0.993	110	0.942	200	0.497	290	0.194
30	1.000	120	0.974	210	0.392	300	0.278
40	0.976	130	0.995	220	0.280	310	0.393
50	0.944	140	0.985	230	0.197	320	0.502
60	0.918	150	0.940	240	0.184	330	0.599
70	0.901	160	0.865	250	0.226	340	0.688
80	0.895	170	0.775	260	0.257	350	0.778

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.	Elizabeth Ryder Ryder <i>Vice President/General Manager</i> 03/09/2020

Attachments

File Name	Uploaded By	Attachment Type	Description
KTXL_40_STA_Antenna_Information.pdf	Applicant	All Purpose	ANTENNA INFORMATION
KTXL_40_STA_Coverage_Map.pdf	Applicant	All Purpose	PREDICTED COVERAGE CONTOURS
KTXL_40_STA_RF_Hazard_Statement.pdf	Applicant	All Purpose	RF HAZARD STATEMENT
KTXL_40_STA_Technical_Summary.pdf	Applicant	General Information	TECHNICAL SUMMARY
KTXL.pdf	Internal	All Purpose	