



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **0000063044** | Submit Date: **10/23/2018** | Call Sign: **KXLN-DT** | Facility ID: **53847** | FRN: **0008192015** | State: **Texas** | City: **ROSENBERG**
 Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **10/24/2018** | Expiration Date: **04/24/2019** | 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
KXLN LICENSE PARTNERSHIP, L.P. Doing Business As: KXLN LICENSE PARTNERSHIP, L.P.	CHRISTOPHER G. WOOD 5999 CENTER DRIVE LOS ANGELES, CA 90045 United States	+1 (310) 348- 3600	cwood@univision. net	Limited Partnership

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
Karl D Lahm , P.E. . Broadcast Transmission Services, LLC	P.O. Box 147 Rapid City, MI 49676 United States	+1 (312) 961- 6256	Karl@amfmtv-rf. com	Technical Representative
ANN WEST BOBECK COVINGTON & BURLING LLP	ONE CITYCENTER 850 TENTH STREET, NW WASHINGTON, DC 20001 United States	+1 (202) 662- 5719	ABOBECK@COV. COM	Legal Representative

Channel and Facility Information

Section	Question	Response
Facility ID	53847	
State	Texas	
City	ROSENBERG	
DTV Channel	45	
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	1064696
Coordinates (NAD83)	Latitude	29° 34' 16.0" N+
	Longitude	095° 30' 38.0" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	601.4 meters
	Support Structure Height	561.5 meters
	Ground Elevation (AMSL)	23.4 meters
Antenna Data	Height of Radiation Center Above Ground Level	574.5 meters
	Height of Radiation Center Above Average Terrain	578 meters
	Height of Radiation Center Above Mean Sea Level	597.9 meters
	Effective Radiated Power	475 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	103508
Antenna Manufacturer and Model	Manufacturer:	RFS
	Model	PHP80U22211E
	Rotation	0 degrees
	Electrical Beam Tilt	1.2
	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	0.896	90	0.764	180	0.674	270	0.583
10	0.927	100	0.774	190	0.733	280	0.646
20	0.768	110	0.914	200	0.602	290	0.866
30	0.803	120	0.854	210	0.575	300	0.761
40	0.881	130	0.646	220	0.705	310	0.714
50	0.802	140	0.699	230	0.529	320	0.857
60	0.699	150	0.833	240	0.438	330	0.849
70	0.887	160	0.641	250	0.438	340	0.739
80	0.96	170	0.5	260	0.643	350	0.673

Additional Azimuths

Degree	V _A
76	1
6	0.977
275	0.57
23	0.737
207	0.537

Certification

Section	Question	Response
<p>General Certification Statements</p>	<p>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.).</p>	
	<p>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.</p>	
<p>Authorized Party to Sign</p>	<p>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</p> <p>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.</p> <p>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).</p>	
	<p>I certify that this application includes all required and relevant attachments.</p>	<p>Yes</p>
	<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>CHRISTOPHER G. WOOD <i>SVP ASSOC GEN COUN GOV AND REG AFF</i></p> <p>10/23/2018</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
KXLN Interference Analysis.pdf	Applicant	All Purpose	TVStudy interference analysis
KXLN STA Purpose.pdf	Applicant	All Purpose	STA request explanation
KXLN STA RF Exposure.pdf	Applicant	All Purpose	RF energy exposure analysis