



(REFERENCE COPY - Not for submission)

# Digital Class A Engineering STA Application

File Number: **0000064064** | Submit Date: **12/10/2018** | Call Sign: **KDTV-CD** | Facility ID: **18148** | FRN: **0001531425**  
 State: **California** | City: **SANTA ROSA**  
 Service: **DCA** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **12/11/2018** | Expiration Date: **06/11/2019**

Filing Status: **Active**

### General Information

Section	Question	Response
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### Fees, Waivers, and Exemptions

Section	Question	Response
<b>Fees</b>	Is the applicant exempt from FCC application Fees?	No
	Indicate reason for fee exemption:	
<b>Waivers</b>	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	200.0
<b>Total</b>		<b>200.0</b>

**Applicant  
Information**

**Applicant Name, Type, and Contact Information**

<b>Applicant</b>	<b>Address</b>	<b>Phone</b>	<b>Email</b>	<b>Applicant Type</b>
<b>KDTV LICENSE PARTNERSHIP, G.P.</b> Doing Business As: KDTV LICENSE PARTNERSHIP, G.P.	Christopher G. Wood 5999 CENTER DRIVE LOS ANGELES, CA 90045 United States	+1 (310) 348- 3600	CWOOD@UNIVISION. NET	General Partnership

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**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
<b>ERIK C SWANSON , PE .</b> <i>CONSULTING ENGINEER</i> HATFIELD & DAWSON	9500 GREENWOOD AVE N SEATTLE, WA 98103 United States	+1 (206) 783- 9151	ESWANSON@HATDAW. COM	Technical Representative
<b>ANN WEST BOBECK</b> 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
Proposed Community of License	Facility ID	18148
	State	California
	City	SANTA ROSA
	DCA Channel	28

**Antenna Location Data**

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	No
	ASR Number	
Coordinates (NAD83)	Latitude	38° 40' 08.4" N+
	Longitude	122° 37' 53.9" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	30.5 meters
	Support Structure Height	30.5 meters
	Ground Elevation (AMSL)	1307.9 meters
Antenna Data	Height of Radiation Center Above Ground Level	25.9 meters
	Height of Radiation Center Above Mean Sea Level	1333.8 meters
	Effective Radiated Power	1.6 kW

**Antenna  
Technical Data**

Section	Question	Response
<b>Antenna Type</b>	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1004416
<b>Antenna Manufacturer and Model</b>	Manufacturer:	RFS
	Model	BU4A-LP
	Rotation	195 degrees
	Electrical Beam Tilt	Not Applicable
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
<b>Elevation Radiation Pattern</b>	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	
	Out-of-Channel Emission Mask:	Full Service

**Directional Antenna Relative Field Values (Pre-rotated Pattern)**

Degree	V <sub>A</sub> (Authorized Value)						
0	1	90	0.95	180	0.23	270	0.95
10	0.97	100	0.875	190	0.225	280	0.98
20	0.95	110	0.775	200	0.22	290	1
30	0.925	120	0.63	210	0.23	300	0.975
40	0.92	130	0.47	220	0.35	310	0.94
50	0.94	140	0.35	230	0.47	320	0.92
60	0.975	150	0.23	240	0.63	330	0.925
70	1	160	0.22	250	0.775	340	0.95
80	0.98	170	0.225	260	0.875	350	0.97

**Additional Azimuths**

Degree	V <sub>A</sub>
75	1
285	1

**Certification**

Section	Question	Response
<p><b>General Certification Statements</b></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><b>Authorized Party to Sign</b></p>	<p><b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b></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><b>CHRISTOPHER G WOOD</b>  <i>SVP ASSOC GEN COUN</i>  <i>GOV AND REG AFF</i></p> <p>12/10/2018</p>

## Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">64064.pdf</a>	Internal	All Purpose	
<a href="#">KDTV-CD Ch28 Santa Rosa STA Engineering Dec 2018.pdf</a>	Applicant	All Purpose	KDTV-CD Ch28 STA Engineering
<a href="#">KDTV-CD Request for STA and Special Relief.pdf</a>	Applicant	All Purpose	Request for STA and Special Relief