



(REFERENCE COPY - Not for submission)

# DTV Engineering STA Application

File Number: **0000056604** | Submit Date: **07/06/2018** | Call Sign: **KXLA** | Facility ID: **55083** | FRN: **0007519408** | State: **California** | City: **RANCHO PALOS VERDES**  
 Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **08/07/2018** | Expiration Date: **02/07/2019**  
 Filing Status: **InActive**

**General Information**

Section	Question	Response
---------	----------	----------

**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	\$190.00
<b>Total</b>		<b>\$190.00</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>RANCHO PALOS VERDES BROADCASTERS, INC.</b>	Ronald L. Ulloa 2323 CORINTH AVENUE LOS ANGELES, CA 90064 United States	+1 (310) 478- 0055	rulloa@kxla. com	Corporation

---

**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>Greg Best</b> <i>Consulting Engineer</i> Greg Best Consulting, Inc.	16100 Outlook Avenue Stilwell, KS 66085 United States	+1 (816) 792- 2913	gbconsulting54@gmail.com	Technical Representative
<b>BARRY A. FRIEDMAN</b> THOMPSON HINE LLP	SUITE 700 1919 M STREET, N. W. WASHINGTON, DC 20036 United States	+1 (202) 331- 8800	BARRY. FRIEDMAN@THOMPSONHINE. COM	Legal Representative

**Channel and Facility Information**

Section	Question	Response
Facility ID	55083	
State	California	
City	RANCHO PALOS VERDES	
DTV Channel	30	
<b>Facility Type</b>	Facility Type	Commercial
	Station Type	Main
<b>Zone</b>	Zone	2

**Antenna Location Data**

Section	Question	Response
<b>Antenna Structure Registration</b>	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1013889
<b>Coordinates (NAD83)</b>	Latitude	34° 13' 35.7" N+
	Longitude	118° 03' 59.5" W-
	Structure Type	LTOWER-Lattice Tower
	Overall Structure Height	99.1 meters
	Support Structure Height	82.6 meters
	Ground Elevation (AMSL)	1741.3 meters
<b>Antenna Data</b>	Height of Radiation Center Above Ground Level	50.6 meters
	Height of Radiation Center Above Average Terrain	901.6 meters
	Height of Radiation Center Above Mean Sea Level	1791.9 meters
	Effective Radiated Power	670 kW

**Antenna  
Technical Data**

Section	Question	Response
<b>Antenna Type</b>	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1003925
<b>Antenna Manufacturer and Model</b>	Manufacturer:	ERI
	Model	ATW24H6-ESC170-30H
	Rotation	215 degrees
	Electrical Beam Tilt	1.4
	Mechanical Beam Tilt	0.7
	toward azimuth	215
	Polarization	Elliptical
<b>DTV and DTS: Elevation 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	

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

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.899	90	0.940	180	0.245	270	0.940
10	0.900	100	0.854	190	0.232	280	0.987
20	0.905	110	0.733	200	0.207	290	1.0
30	0.917	120	0.588	210	0.218	300	0.988
40	0.936	130	0.437	220	0.302	310	0.963
50	0.963	140	0.302	230	0.437	320	0.936
60	0.988	150	0.218	240	0.588	330	0.917
70	1.0	160	0.207	250	0.733	340	0.905
80	0.987	170	0.232	260	0.854	350	0.900

**Additional Azimuths**

Degree	V <sub>A</sub>
--------	----------------

**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>Ronald L. Ulloa</b> <i>President</i></p> <p>07/06/2018</p>

## Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">KXLA76FIL.pdf</a>	Applicant	General Information	Statement as to Basis for STA.
<a href="#">KXLA Interim tvixstudy.txt</a>	Applicant	All Purpose	Interference analysis demonstrating that the proposed facility does not cause interference to an authorized facility. Applicant will accept the incoming interference as identified in the analysis.