



(REFERENCE COPY - Not for submission)

# LPTV Translator Engineering STA Application

File Number: **0000067250** | Submit Date: **01/24/2019** | Call Sign: **K46II-D** | Facility ID: **13444** | FRN: **0001529213** | State: **California** | City: **BAKERSFIELD**

Service: **LPT** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **02/06/2019** | Expiration Date: **08/05/2019** | Filing Status: **InActive**

## 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?	Yes
	Indicate reason for fee exemption:	Not for profit
<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:	

**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>Public Media Group of Southern California</b> Doing Business As: Public Media Group of Southern California	2900 WEST ALAMEDA AVENUE 6th Floor BURBANK, CA 91505 United States	+1 (747) 201-5295	JMBALDWIN@KCET. ORG	Not-for-Profit

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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  
(4)**

Contact Name	Address	Phone	Email	Contact Type
<b>JUNE M. BALDWIN</b> <i>SR. VP, GENERAL COUNSEL</i> Public Media Group of Southern California	2900 WEST ALAMEDA AVENUE 6th Floor BURBANK, CA 91505 United States	+1 (747) 201- 5295	JMBALDWIN@KCET. ORG	Legal Representative
<b>Jeremy Howard</b> <i>Chief Engineer</i> Public Media Group of Southern California	Jeremy Howard 2900 WEST ALAMEDA AVENUE 6th Floor BURBANK, CA 91505 United States	+1 (747) 201- 5315	jhoward@KCET.ORG	Technical Representative
<b>William Meintel</b> <i>Technical Representative</i> Meintel, Sgrignoli & Wallace	William Meintel P.O. Box 907 Warrenton, VA 20188 United States	+1 (540) 428- 2308	william. meintel@mswdtv. com	Technical Representative
<b>Lawrence M. Miller</b> <i>Counsel</i> Garvey Schubert Barer	Lawrence M. Miller 1000 Potomac Street, NW Suite 200 Washington, DC 20007 United States	+1 (202) 298- 2534	lmiller@gsblaw.com	Legal Representative

**Channel and Facility Information**

Section	Question	Response
Facility ID	13444	
State	California	
City	BAKERSFIELD	
LPT Channel	4	

**Antenna Location Data**

Section	Question	Response
<b>Antenna Structure Registration</b>	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1015947
<b>Coordinates (NAD83)</b>	Latitude	35° 26' 17.1" N+
	Longitude	118° 44' 26.3" W-
	Structure Type	LTOWER-Lattice Tower
	Overall Structure Height	87.7 meters
	Support Structure Height	60.9 meters
	Ground Elevation (AMSL)	1074.4 meters
<b>Antenna Data</b>	Height of Radiation Center Above Ground Level	17.4 meters
	Height of Radiation Center Above Mean Sea Level	1091.8 meters
	Effective Radiated Power	0.7 kW

**Antenna  
Technical Data**

Section	Question	Response
<b>Antenna Type</b>	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1004576
<b>Antenna Manufacturer and Model</b>	Manufacturer:	KATHREIN
	Model	CL26_2_STACKED
	Rotation	260 degrees
	Electrical Beam Tilt	0.0
	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?	Yes
	Uploaded file for elevation antenna (or radiation) pattern data	KAT_CL_26_2_STACKED_ELEV.xml
	Out-of-Channel Emission Mask:	Full Service

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

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.987	90	0.209	180	0.038	270	0.209
10	0.993	100	0.069	190	0.046	280	0.367
20	0.973	110	0.049	200	0.049	290	0.538
30	0.935	120	0.057	210	0.051	300	0.707
40	0.924	130	0.050	220	0.051	310	0.844
50	0.844	140	0.051	230	0.050	320	0.924
60	0.707	150	0.051	240	0.057	330	0.935
70	0.538	160	0.049	250	0.049	340	0.973
80	0.367	170	0.046	260	0.069	350	0.993

**Additional Azimuths**

Degree	V <sub>A</sub>
346	1.000
14	1.000

**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>June M. Baldwin</b>  <i>Sr. VP, General Counsel</i>  <i>Corporate and Legal Affairs</i></p> <p>01/24/2019</p>

## Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">KAT_CL_26_2_STACKED_ant.pdf</a>	Applicant	All Purpose	Antenna Data
<a href="#">RF_Exposure_Statement_STA_APP.pdf</a>	Applicant	All Purpose	RF Exposure Statement
<a href="#">STA_Justification.pdf</a>	Applicant	General Information	STA Justification
<a href="#">STA_tvixstudy.txt</a>	Applicant	General Information	TVStudy interference analysis results
<a href="#">T_Mobile_Letter_K46II-D_Licensee.pdf</a>	Applicant	General Information	T-Mobile Letter
<a href="#">KAT_CL_26_2_STACKED_ELEV.xml</a>	Applicant	Elevation Pattern	