



(REFERENCE COPY - Not for submission)

LPTV Engineering STA Application

File Number: 0000060580 | Submit Date: 10/04/2018 | Call Sign: K47KJ-D | Facility ID: 168108 | FRN: 0006193817 |

State: Nevada | City: Verdi

Service: LPD | Purpose: Engineering STA | Status: Dismissed | Status Date: 12/04/2018 | 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?	Yes
	Indicate reason for fee exemption:	Noncommercial entity
Waivers	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

Applicant	Address	Phone	Email	Applicant Type
CHANNEL 5 PUBLIC BROADCASTING, INC. Applicant Doing Business As: CHANNEL 5 PUBLIC BROADCASTING, INC.	Tim Stoffel 1670 N. VIRGINIA ST. RENO, NV 89503 United States	+1 (775) 741-1504	tim@knpb.org	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  
(3)

Contact Name	Address	Phone	Email	Contact Type
<b>Ryan C. Wilhour Chmura</b> Kessler and Gehman Associates, Inc.	Evelyn Chumura 507 NW 60th ST STE D Gainesville, FL 32607 United States	+1 (352) 332- 3157	test@fcc.gov	Technical Representative
<b>LAWRENCE M. MILLER M. MILLER</b> Garvey Schubert Barer	1000 Potomac Street NW Suite 200 Washington, DC 20007 United States	+1 (202) 298- 2534	lmiller@gsblaw.com	Legal Representative
<b>Ryan C. Wilhour C. Wilhour</b> Kessler and Gehman Associates, Inc.	507 NW 60th ST STE D Gainesville, FL 32607 United States	+1 (352) 332- 3157	ryan@kesslerandgehman. com	Technical Representative

Channel and Facility Information

Section	Question	Response
Facility ID	168108	
State	Nevada	
City	Verdi	
LPD Channel	36	

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	39° 34' 37.9" N+
	Longitude	119° 56' 22.8" W-
	Structure Type	NNTANN-Antenna tower
	Overall Structure Height	18.3 meters
	Support Structure Height	18.3 meters
	Ground Elevation (AMSL)	2435.9 meters
Antenna Data	Height of Radiation Center Above Ground Level	16.8 meters
	Height of Radiation Center Above Mean Sea Level	2452.7 meters
	Effective Radiated Power	0.137 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	20718
Antenna Manufacturer and Model	Manufacturer:	SCA
	Model	1X2KBBU
	Rotation	190 degrees
	Electrical Beam Tilt	Not Applicable
	Mechanical Beam Tilt	3.3
	toward azimuth	190
	Polarization	Horizontal
Elevation Radiation 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	
	Out-of-Channel Emission Mask:	Full Service

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.931	90	0.432	180	0.069	270	0.432
10	0.846	100	0.316	190	0.043	280	0.57
20	0.717	110	0.202	200	0.051	290	0.738
30	0.813	120	0.131	210	0.116	300	0.931
40	0.955	130	0.089	220	0.065	310	1
50	1	140	0.065	230	0.089	320	0.955
60	0.931	150	0.116	240	0.131	330	0.813
70	0.738	160	0.051	250	0.202	340	0.717
80	0.57	170	0.043	260	0.316	350	0.846

Additional Azimuths

Degree	V <sub>A</sub>
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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	<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b> 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.	<b>Kurt Mische Mische</b> <i>President and CEO</i>  10/04/2018

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">K36OB Engineering STA Narrative.pdf</a>	Applicant	General Information	K36OB Engineering STA Narrative