



(REFERENCE COPY - Not for submission)

LPTV Translator Engineering STA Application

File Number: 0000216645 | Submit Date: 06/12/2023 | Call Sign: K12QW-D | Facility ID: 181278 | FRN: 0002624427 |

State: New Mexico | City: SILVER CITY

Service: LPT | Purpose: Engineering STA | Status: Granted | Status Date: 06/23/2023 | Expiration Date: 12/22/2023 |

Filing Status: Active

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	MGL	\$300.00
Total		\$300.00

**Applicant  
Information**

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

Applicant	Address	Phone	Email	Applicant Type
<b>KOB-TV, LLC</b> Doing Business As: KOB-TV, LLC	Ryan Vandewiele 3415 University Ave., West St. Paul, MN 55114 United States	+1 (651) 642-4334	KShuldes@hbi.com	Limited Liability Company

**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>Scott Arthur</b> <i>Chief Engineer</i> KOB-TV, LLC	4 Broadcast Plaza S. W. Albuquerque, NM 87104 United States	+1 (505) 764- 2442	SARTHUR@KOB. COM	Technical Representative
<b>Anne Goodwin Crump</b> Fletcher, Heald & Hildreth, P. L.C.	1300 N. 17th Street Eleventh Floor Arlington, VA 22209 United States	+1 (703) 812- 0426	crump@fhhlaw.com	Legal Representative

Channel and Facility Information

Section	Question	Response
Facility ID	181278	
State	New Mexico	
City	SILVER CITY	
LPT Channel	27	

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	32° 50' 40.2" N+
	Longitude	108° 14' 20.1" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	24 meters
	Support Structure Height	24 meters
	Ground Elevation (AMSL)	2309 meters
Antenna Data	Height of Radiation Center Above Ground Level	12.2 meters
	Height of Radiation Center Above Mean Sea Level	2321.2 meters
	Effective Radiated Power	0.125 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	1010573
Antenna Manufacturer and Model	Manufacturer:	Kathrein
	Model	2x2 750 10210 Array
	Rotation	180 degrees
	Electrical Beam Tilt	Not Applicable
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	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:	Stringent

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	.127	90	.427	180	.958	270	.423
10	.083	100	.574	190	.898	280	.308
20	.061	110	.733	200	.827	290	.223
30	.124	120	.882	210	.881	300	.173
40	.144	130	.986	220	.975	310	.153
50	.143	140	.985	230	.975	320	.156
60	.165	150	.892	240	.873	330	.129
70	.218	160	.835	250	.724	340	.07
80	.306	170	.909	260	.573	350	.093

Additional Azimuths

Degree	V <sub>A</sub>
225	0.99
135	1.0

## 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>Ryan Vandewiele</b> <i>Vice-President and General Counsel</i>  06/12/2023

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">K12QW-D.STAReq2.ExtraordinaryCircumstances.Exhibit (01668984xB3D1E).pdf</a>	Applicant	General Information	Extraordinary Circumstances Requiring Modified Special Temporary Authority