



(REFERENCE COPY - Not for submission)

LPTV Engineering STA Application

File Number: 0000118209 | Submit Date: 07/21/2020 | Call Sign: K29HW-D | Facility ID: 167743 | FRN: 0006319453 |

State: Texas | City: AUSTIN

Service: LPD | Purpose: Engineering STA | Status: Pending | Status Date: 09/23/2020 | 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?	Yes
	Indicate reason for fee exemption:	Non-commercial
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
THE UNIVERSITY OF TEXAS AT AUSTIN Applicant Doing Business As: THE UNIVERSITY OF TEXAS AT AUSTIN	Frank Serpas, III, TSM Business /Operations Manager 2500 WHITIS AVENUE COMMUNICATIONS BLDG. C AUSTIN, TX 78712 United States	+1 (512) 471-7052	serpas@austin.utexas.edu	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  
(2)

Contact Name	Address	Phone	Email	Contact Type
<b>CLARENCE M. BEVERAGE M. BEVERAGE</b> Communication Technologies, Inc.	PO Box 1130 MARLTON, NJ 08053 United States	+1 (856) 985-0077	CBEVERAGE@COMMTECHRF.COM	Technical Representative
<b>Howard M. Liberman M. Liberman</b> Wilkinson Barker Knauer LLP	1800 M Street, NW Suite 800N Washington, DC 20036 United States	+1 (202) 383-3373	hliberman@wbklaw.com	Legal Representative

Channel and Facility Information

Section	Question	Response
Facility ID	167743	
State	Texas	
City	AUSTIN	
LPD Channel	29	

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	30° 17' 09.7" N+
	Longitude	097° 44' 21.0" W-
	Structure Type	BPIPE-Building with PIPE /ANTENNA on top
	Overall Structure Height	102.7 meters
	Support Structure Height	93.57 meters
	Ground Elevation (AMSL)	182.9 meters
Antenna Data	Height of Radiation Center Above Ground Level	100 meters
	Height of Radiation Center Above Mean Sea Level	282.9 meters
	Effective Radiated Power	3.4 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	20495
Antenna Manufacturer and Model	Manufacturer:	PSI
	Model	PSILP8EC
	Rotation	25 degrees
	Electrical Beam Tilt	0.5
	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	0.93	90	0.92	180	0.26	270	0.92
10	0.93	100	0.84	190	0.26	280	0.98
20	0.94	110	0.74	200	0.26	290	1
30	0.94	120	0.62	210	0.3	300	1
40	0.96	130	0.49	220	0.38	310	0.98
50	0.98	140	0.38	230	0.49	320	0.96
60	1	150	0.3	240	0.62	330	0.94
70	1	160	0.26	250	0.74	340	0.94
80	0.98	170	0.26	260	0.84	350	0.93

Additional Azimuths

Degree	V <sub>A</sub>
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## Certification

Section	Question	Response
<b>General Certification Statements</b>	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.	
<b>Authorized Party to Sign</b>	<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>Linda Shaunessy</b> <b>Shaunessy</b> <i>Business Contracts Administrator</i>  07/21/2020

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">K29HW STA Explanation.pdf</a>	Applicant	General Information	STA Exhibit