



(REFERENCE COPY - Not for submission)

LPTV Engineering STA Application

File Number: | Submit Date: 01/12/2021 | Facility ID: 16657 | FRN: 0031517915 | State: Arizona | City:  
FORTUNA

Service: LPD | Purpose: Engineering STA | Status: Granted | Status Date: 02/25/2021 | Expiration Date: |

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?	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	\$200.00
Total		\$200.00

Applicant  
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
JEFF CHANG Applicant Doing Business As: JEFF CHANG	269 SOUTH BEVERLY DRIVE PMB #704 BEVERLY HILLS, CA 90212 United States	+1 (310) 403- 5039	CHANGMEDIA@AOL. COM	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
Darryl K DeLawder K DeLawder DeLawder Communications, Inc.	P.O Box 1095 Ashburn, VA 20146-1095 United States	+1 (703) 299-9222	delawder@aol.com	Technical Representative
Davina S. Sashkin S. Sashkin Fletcher, Heald & Hildreth, PLC	1300 N 17th Street, 11th Floor SUITE 1100 Arlington, VA 22209 United States	+1 (703) 812-0400	SASHKIN@FHHLAW.COM	Legal Representative

Channel and Facility Information

Section	Question	Response
Facility ID	16657	
State	Arizona	
City	FORTUNA	
LPD Channel		

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1204630
Coordinates (NAD83)	Latitude	32° 40' 58.3" N+
	Longitude	114° 37' 32.5" W-
	Structure Type	BPOLE-Building with POLE /ANTENNA on top
	Overall Structure Height	48.2 meters
	Support Structure Height	48.2 meters
	Ground Elevation (AMSL)	60.4 meters
Antenna Data	Height of Radiation Center Above Ground Level	36 meters
	Height of Radiation Center Above Mean Sea Level	96.4 meters
	Effective Radiated Power	0.15 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1007766
Antenna Manufacturer and Model	Manufacturer:	Scala
	Model	CL-24 one bay
	Rotation	20 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:	

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	1	90	.015	180	.047	270	.015
10	.94	100	.01	190	.045	280	.025
20	.835	110	.01	200	.043	290	.035
30	.655	120	.01	210	.035	300	.105
40	.46	130	.01	220	.015	310	.295
50	.295	140	.015	230	.01	320	.46
60	.105	150	.035	240	.01	330	.655
70	.035	160	.043	250	.01	340	.835
80	.025	170	.045	260	.01	350	.94

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>Jeff Chang Chang</b> <b>OWNER</b>  01/12/2021

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">Fortuna2dtvixstudy.pdf</a>	Applicant	All Purpose	TVStudy Results
<a href="#">FortunaAZ2DSTAEngr.pdf</a>	Applicant	All Purpose	Engineering Statement (Note that digital is proposed)
<a href="#">KBFY-LD STA Reason for Request. PDF</a>	Applicant	General Information	Reason for Request