



(REFERENCE COPY - Not for submission)

LPTV Translator Engineering STA Application

File Number: 0000216460 | Submit Date: 06/09/2023 | Call Sign: K22MT-D | Facility ID: 50174 | FRN: 0005048400 | State: Oklahoma | City: IDABEL

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

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:	Governmental 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
OKLAHOMA EDUCATIONAL TELEVISION AUTHORITY Doing Business As: OKLAHOMA EDUCATIONAL TELEVISION AUTHORITY	7403 NORTH KELLEY AVENUE OKLAHOMA CITY, OK 73113 United States	+1 (405) 841-9250	panderson@oeta.tv	Government Entity

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>BARRY S. PERSH</b> GRAY MILLER PERSH LLP	1200 NEW HAMPSHIRE AVENUE NW SUITE 410 WASHINGTON, DC 20036 United States	+1 (202) 776-2458	BPERSH@GRAYMILLERPERSH. COM	Legal Representative
<b>David Sanderford</b> <i>Technical Consultant</i> Intelligent Design and Services, Inc.	David Sanderford 1957 REYNOLDS DR AZLE, TX 76020 United States	+1 (817) 783-5566	david@idsieng.com	Technical Representative

Channel and Facility Information

Section	Question	Response
Facility ID	50174	
State	Oklahoma	
City	IDABEL	
LPT Channel	22	

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1313116
Coordinates (NAD83)	Latitude	34° 02' 57.3" N+
	Longitude	094° 44' 10.2" W-
	Structure Type	LTOWER-Lattice Tower
	Overall Structure Height	96.0 meters
	Support Structure Height	91.4 meters
	Ground Elevation (AMSL)	148.7 meters
Antenna Data	Height of Radiation Center Above Ground Level	81 meters
	Height of Radiation Center Above Mean Sea Level	229.7 meters
	Effective Radiated Power	9.5 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	76243
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	DLP-8C
	Rotation	225 degrees
	Electrical Beam Tilt	1.0
	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:	Full Service

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	1	90	.547	180	.527	270	.59
10	.99	100	.474	190	.522	280	.671
20	.973	110	.414	200	.5	290	.748
30	.946	120	.378	210	.467	300	.818
40	.907	130	.378	220	.43	310	.877
50	.857	140	.408	230	.4	320	.924
60	.792	150	.449	240	.398	330	.958
70	.713	160	.487	250	.44	340	.98
80	.628	170	.515	260	.51	350	.994

Additional Azimuths

Degree	V <sub>A</sub>
206	.481

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>Lawson Adams</b> <i>VP Engineering and Technology</i>  06/09/2023

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>K22MT-D_Engineering_Statement (1).pdf</u>	Applicant	General Information	Purpose and Engineering Statement