



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000158220 | Submit Date: 08/31/2021 | Call Sign: WRUA | Facility ID: 15320 | FRN: 0006360143 | State: Puerto Rico | City: FAJARDO

Service: DTV | Purpose: Engineering STA | Status: Pending | Status Date: 09/24/2021 | 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	MPV	\$270.00
Total		\$270.00

Applicant  
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
Eastern Television Corporation Applicant Doing Business As: Eastern Television Corporation	Lilliam Perez P.O. Box 310 Bayamon, PR 00960 United States	+1 (787) 999-1473	perezlilliam7@gmail.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
PE Alejandro Luciano Luciano , PE . Alejandro Luciano	Alejandro Luciano PE PO Box 194528 San Juan, PR 00919 United States	+1 (787) 717- 6984	aluciano@aluciano. com	Technical Representative
Esq Davina S. Sashkin S. Sashkin , Esq . BakerHostetler	1050 Connecticut Ave, N.W. Suite 1100 Washington, DC 20036 United States	+1 (202) 861- 1759	dsashkin@bakerlaw. com	Legal Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	15320
	State	Puerto Rico
	City	FAJARDO
	DTV Channel	33
	Designated Market Area	NA
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	2

Antenna Location  
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1011469
Coordinates (NAD83)	Latitude	18° 18' 29.0" N+
	Longitude	065° 47' 40.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	79.0 meters
	Support Structure Height	0.5 meters
	Ground Elevation (AMSL)	1004.7 meters
Antenna Data	Height of Radiation Center Above Ground Level	22.8 meters
	Height of Radiation Center Above Average Terrain	823.1 meters
	Height of Radiation Center Above Mean Sea Level	1027.5 meters
	Effective Radiated Power	40 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	1005550
Antenna Manufacturer and Model	Manufacturer:	ALIVE
	Model	ATC-BCE816M-V3-16
	Rotation	0 degrees
	Electrical Beam Tilt	2.0
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Elliptical
DTV and DTS: Elevation 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	

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	1.00	90	0.694	180	0.709	270	0.694
10	0.995	100	0.663	190	0.705	280	0.734
20	0.979	110	0.645	200	0.694	290	0.781
30	0.953	120	0.641	210	0.678	300	0.829
40	0.918	130	0.647	220	0.661	310	0.876
50	0.876	140	0.661	230	0.647	320	0.918
60	0.829	150	0.679	240	0.641	330	0.953
70	0.781	160	0.694	250	0.645	340	0.979
80	0.734	170	0.705	260	0.663	350	0.995

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>Iris Torres Padilla Torres Padilla</b> <i>President</i>  08/31/2021

Attachments

File Name	Uploaded By	Attachment Type	Description
<u><a href="#">WRUA - Reduced Power STA - Exhibit.pdf</a></u>	Applicant	General Information	WRUA - Reduced Power STA - Exhibit