



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000160872 | Submit Date: 09/29/2021 | Call Sign: WJWN-TV | Facility ID: 58342 | FRN: 0019526946 |

State: Puerto Rico | City: SAN SEBASTIAN

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 10/04/2021 | Expiration Date: |

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	MPV	\$270.00
Total		\$270.00

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
AMERICA-CV STATION GROUP, INC. Applicant Doing Business As: AMERICA-CV STATION GROUP, INC.	13001 N.W. 107TH AVE. HIALEAH GARDENS, FL 33018 United States	+1 (305) 592-4141	jorge.salas@americaveve.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
(3)

Contact Name	Address	Phone	Email	Contact Type
FRANCISCO R. MONTERO R. MONTERO FLETCHER, HEALD & HILDRETH, P.L.C.	1300 NORTH 17TH STREET 11TH FLOOR ARLINGTON, VA 22209 United States	+1 (703) 812-0480	MONTERO@FHHLAW.COM	Legal Representative
Ryan Wilhour RIEGER Kessler and Gehman Associates, Inc.	507 NW 60th ST, STE D Gainesville, FL 32607 United States	+1 (352) 332-3157	ryan@kesslerandgehman.com	Technical Representative
Ryan Wilhour Wilhour Kessler and Gehman Associates, Inc.	507 NW 60th ST, STE D Gainesville, FL 32607 United States	+1 (352) 332-3157	test@fcc.gov	Technical Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	58342
	State	Puerto Rico
	City	SAN SEBASTIAN
	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	1237284
Coordinates (NAD83)	Latitude	18° 08' 51.6" N+
	Longitude	066° 58' 57.1" W-
	Structure Type	LTOWER-Lattice Tower
	Overall Structure Height	117.5 meters
	Support Structure Height	93.0 meters
	Ground Elevation (AMSL)	898.9 meters
Antenna Data	Height of Radiation Center Above Ground Level	52 meters
	Height of Radiation Center Above Average Terrain	625.7 meters
	Height of Radiation Center Above Mean Sea Level	950.9 meters
	Effective Radiated Power	621 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1007406
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TLP-32M (C)
	Rotation	0 degrees
	Electrical Beam Tilt	1.5
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
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	0.901	90	0.865	180	0.226	270	0.688
10	0.895	100	0.775	190	0.257	280	0.778
20	0.908	110	0.684	200	0.227	290	0.873
30	0.921	120	0.593	210	0.183	300	0.951
40	0.942	130	0.497	220	0.194	310	0.993
50	0.974	140	0.392	230	0.278	320	0.998
60	0.995	150	0.28	240	0.393	330	0.976
70	0.985	160	0.197	250	0.502	340	0.944
80	0.94	170	0.184	260	0.599	350	0.918

Additional Azimuths

Degree	V _A
315	1
214	0.178
167	0.179

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	FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID 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.	Carlos Vasallo Vasallo <i>CEO</i> 09/29/2021

Attachments

File Name	Uploaded By	Attachment Type	Description
WJWN STA Exhibit.pdf	Applicant	General Information	