



(REFERENCE COPY - Not for submission)

DTS Engineering STA Application

File Number: 0000217999 | Submit Date: 12/18/2023 | Call Sign: WJPX | Facility ID: 58340 | FRN: 0019526946 | State: Puerto Rico | City: SAN JUAN

Service: DTS | Purpose: Engineering STA | Status: Superceded | Status Date: 08/02/2023 | Filing Status: InActive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?	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	\$300.00
Total		\$300.00

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
AMERICA-CV STATION GROUP, INC., DEBTOR-IN-POSSESSION	13001 N.W. 107TH AVE. HIALEAH GARDENS, FL 33018 United States	+1 (305) 592-4141	jorge. salas@americaveve. com	Corporation

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
Francisco R. Montero <i>Member</i> FLETCHER, HEALD & HILDRETH, P.L.C.	1300 N. 17TH ST. 11th FLOOR ARLINGTON, VA 22209 United States	+1 (703) 812- 0400	montero@fhhlaw.com	Legal Representative
Gerd Rieger <i>Director of Engineering</i> America-CV Station Group, Inc.	13001 N.W.107th Ave. Hialeah Gardens, FL 33018 United States	+1 (395) 592- 4141	gerd. rieger@americave. com	Technical Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	58340
	State	Puerto Rico
	City	SAN JUAN
	DTS Channel	21
	Designated Market Area	NA
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	2

DTS Reference Point

Section	Question	Response
Construction Permit File Number and Facility ID	File Number for Current Authorized Service Area:	
	Facility ID	
Coordinates (NAD83)	Latitude	- -
	Longitude	- -

Site 1: Antenna
Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1052059
Coordinates (NAD83)	Latitude	18° 16' 38.0" N+
	Longitude	065° 51' 13.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	85.0 meters
	Support Structure Height	77.7 meters
	Ground Elevation (AMSL)	730.9 meters
Antenna Data	Height of Radiation Center Above Ground Level	48.8 meters
	Height of Radiation Center Above Average Terrain	564 meters
	Height of Radiation Center Above Mean Sea Level	779.7 meters
	Effective Radiated Power	1000 kW

Site 1: Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	72639
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TFU-22DSC-R C170
	Electrical Beam Tilt	0.5
	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?	
	Rotation	0 degrees
	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	0.996	90	0.204	180	0.663	270	0.91
10	0.997	100	0.219	190	0.797	280	0.902
20	0.968	110	0.241	200	0.901	290	0.9
30	0.901	120	0.241	210	0.968	300	0.9
40	0.797	130	0.219	220	0.997	310	0.902
50	0.663	140	0.204	230	0.996	320	0.91
60	0.512	150	0.251	240	0.976	330	0.926
70	0.365	160	0.365	250	0.949	340	0.949
80	0.251	170	0.512	260	0.926	350	0.976

Additional Azimuths

Degree	V _A
5	1
225	1

Site 2: Antenna
Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1245162
Coordinates (NAD83)	Latitude	18° 04' 41.8" N+
	Longitude	066° 44' 51.6" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	62.8 meters
	Support Structure Height	61.8 meters
	Ground Elevation (AMSL)	619.9 meters
Antenna Data	Height of Radiation Center Above Ground Level	55 meters
	Height of Radiation Center Above Average Terrain	285.3 meters
	Height of Radiation Center Above Mean Sea Level	674.9 meters
	Effective Radiated Power	2.5 kW

Site 2: Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1009526
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TUM-LP-C2SP-1/2M-1
	Electrical Beam Tilt	Not Applicable
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Circular
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?	
	Rotation	335 degrees
	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	0.058	90	0.258	180	0.182	270	0.028
10	0.046	100	0.652	190	0.092	280	0.050
20	0.037	110	0.956	200	0.053	290	0.059
30	0.055	120	0.956	210	0.039	300	0.056
40	0.110	130	0.652	220	0.049	310	0.049
50	0.196	140	0.258	230	0.063	320	0.033
60	0.288	150	0.215	240	0.006	330	0.031
70	0.314	160	0.314	250	0.044	340	0.048
80	0.211	170	0.278	260	0.034	350	0.065

Additional Azimuths

Degree	V _A
115	1.0

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.	Gerd Rieger <i>Director of Engineering</i> 07/17/2023

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>WJPX STA Explanation.docx</u>	Applicant	All Purpose	