



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **0000055272** | Submit Date: **06/18/2018** | Call Sign: **WZVI** | Facility ID: **83270** | FRN: **0003773553** | State: **Virgin Islands** | City: **CHARLOTTE AMALIE**

Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **06/29/2018** | 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	MGT	\$190.00
Total		\$190.00

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
ALPHA BROADCASTING CORPORATION Applicant Doing Business As: ALPHA BROADCASTING CORPORATION	SUNNY ISLE POST OFFICE P.O. BOX 6000 CHRISTIANSTED, ST. C, VI 00823 United States	+1 (340) 690-5123	jburgett@wileyrein. 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
Esq John M. Burgett M. Burgett , Esq . Wiley Rein LLP	1776 K Street, N.W. Washington, DC 20006 United States	+1 (202) 719- 4239	jburgett@wileyrein. com	Legal Representative
Kevin T. Fisher T. Fisher Smith and Fisher, LLC	4791 Wintergreen Court Woodbridge, VA 22192 United States	+1 (703) 505- 1751	kevin@smithandfisher. com	Technical Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	83270
	State	Virgin Islands
	City	CHARLOTTE AMALIE
	DTV Channel	21
	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	1236533
Coordinates (NAD83)	Latitude	18° 19' 47.7" N+
	Longitude	064° 54' 38.2" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	54.8 meters
	Support Structure Height	54.8 meters
	Ground Elevation (AMSL)	296.8 meters
Antenna Data	Height of Radiation Center Above Ground Level	18.3 meters
	Height of Radiation Center Above Average Terrain	298.5 meters
	Height of Radiation Center Above Mean Sea Level	315.1 meters
	Effective Radiated Power	0.43 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1003874
Antenna Manufacturer and Model	Manufacturer:	Scala-Kathrein
	Model	1x2 750 10210 Special
	Rotation	170 degrees
	Electrical Beam Tilt	Not Applicable
	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	1.00	90	0.454	180	0.092	270	0.459
10	0.952	100	0.346	190	0.065	280	0.600
20	0.864	110	0.259	200	0.070	290	0.746
30	0.863	120	0.198	210	0.118	300	0.874
40	0.926	130	0.157	220	0.138	310	0.945
50	0.939	140	0.144	230	0.151	320	0.924
60	0.863	150	0.120	240	0.193	330	0.851
70	0.735	160	0.077	250	0.258	340	0.842
80	0.594	170	0.075	260	0.345	350	0.944

Additional Azimuths

Degree	V _A
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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	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.	David Lampel Lampel <i>President</i> 06/18/2018

Attachments

File Name	Uploaded By	Attachment Type	Description
Alpha - Request for Special Temporary Authority.pdf	Applicant	All Purpose	Justification for STA Request
WZVI-DT STA Engineering Exhibit.pdf	Applicant	General Information	Reason for STA Request