



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000071564 | Submit Date: 04/12/2019 | Call Sign: WUVG-DT | Facility ID: 48813 | FRN: 0005414891 |

State: Georgia | City: ATHENS

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 04/16/2019 | 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	\$200.00
Total		\$200.00

Applicant  
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
UNIVISION ATLANTA LLC Applicant Doing Business As: UNIVISION ATLANTA LLC	CHRISTOPHER G. WOOD 5999 CENTER DRIVE LOS ANGELES, CA 90045 United States	+1 (310) 348-3600	CWOOD@UNIVISION.NET	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
P.E. Karl D Lahm D Lahm , P.E. . Broadcast Transmission Services LLC	PO Box 147 Rapid City, MI 49676 United States	+1 (312) 961-6256	Karl@amfmtv-rf.com	Technical Representative
ANN WEST BOBECK WEST BOBECK COVINGTON & BURLING LLP	ONE CITYCENTER 850 TENTH STREET, NW WASHINGTON, DC 20001 United States	+1 (202) 662-5719	ABOBECK@COV.COM	Legal Representative

Channel and  
Facility  
Information

Section	Question	Response
Proposed Community of License	Facility ID	48813
	State	Georgia
	City	ATHENS
	DTV Channel	48
	Designated Market Area	Atlanta
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	1206253
Coordinates (NAD83)	Latitude	33° 44' 40.9" N+
	Longitude	084° 21' 35.7" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	329.2 meters
	Support Structure Height	291.4 meters
	Ground Elevation (AMSL)	295.4 meters
Antenna Data	Height of Radiation Center Above Ground Level	317.8 meters
	Height of Radiation Center Above Average Terrain	329.7 meters
	Height of Radiation Center Above Mean Sea Level	613.2 meters
	Effective Radiated Power	840 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1004820
Antenna Manufacturer and Model	Manufacturer:	RFS
	Model	PEPL48U2221
	Rotation	0 degrees
	Electrical Beam Tilt	0.8
	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	0.991	90	0.968	180	0.596	270	0.972
10	0.941	100	0.942	190	0.57	280	0.916
20	0.745	110	0.767	200	0.483	290	0.743
30	0.687	120	0.576	210	0.512	300	0.664
40	0.837	130	0.568	220	0.611	310	.801
50	0.898	140	0.654	230	0.61	320	0.892
60	0.766	150	0.589	240	0.535	330	0.764
70	0.686	160	0.462	250	0.638	340	0.659
80	0.83	170	0.501	260	0.852	350	0.824

Additional Azimuths

Degree	V <sub>A</sub>
94	0.98
3	1
272	0.975
225	0.63
183	0.603

## 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>CHRISTOPHER G. WOOD</b> <b>G. WOOD</b> SVP ASSOC GEN COUN GOV AND REG AFF  04/12/2019

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">WUVG STA Purpose.pdf</a>	Applicant	General Information	Reason for STA request
<a href="#">WUVG STA Technical Info.pdf</a>	Applicant	All Purpose	Coverage, antenna data, and RF exposure analysis