



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **0000079852** | Submit Date: **08/02/2019** | Call Sign: **WUTF-TV** | Facility ID: **30577** | FRN: **0001529627**
 State: **Massachusetts** | City: **WORCESTER**
 Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **08/02/2019** | Expiration Date: **02/02/2020**
 Filing Status: **Active**

General Information

Section	Question	Response
---------	----------	----------

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
ENTRAVISION HOLDINGS, LLC	Mark Boelke 2425 OLYMPIC BLVD STE 6000 W SANTA MONICA, CA 90404 United States	+1 (310) 447- 3870	mboelke@entravision. com	Limited Liability Company

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
BARRY A. FRIEDMAN THOMPSON HINE LLP	SUITE 700 1919 M STREET, N.W. WASHINGTON, DC 20036 United States	+1 (202) 331-8800	BARRY. FRIEDMAN@THOMPSONHINE. COM	Legal Representative
W. JEFFREY REYNOLDS <i>CONSULTING ENGINEER</i> DUTREIL, LUNDIN & RACKLEY, INC.	3135 Southgate Circle SARASOTA, FL 34239 United States	+1 (941) 329-6000	JEFF@DLR.COM	Technical Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	30577
	State	Massachusetts
	City	WORCESTER
	DTV Channel	19
	Designated Market Area	Boston (Manchester)
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	1

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1003433
Coordinates (NAD83)	Latitude	42° 18' 37.0" N+
	Longitude	071° 14' 12.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	395.1 meters
	Support Structure Height	363.4 meters
	Ground Elevation (AMSL)	46.6 meters
Antenna Data	Height of Radiation Center Above Ground Level	330 meters
	Height of Radiation Center Above Average Terrain	334 meters
	Height of Radiation Center Above Mean Sea Level	376.6 meters
	Effective Radiated Power	50 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	1004353
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TFU-24WB-R C160
	Rotation	90 degrees
	Electrical Beam Tilt	1
	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	0.771	90	0.881	180	0.621	270	0.879
10	0.786	100	0.830	190	0.574	280	0.926
20	0.829	110	0.762	200	0.455	290	0.968
30	0.891	120	0.657	210	0.346	300	0.994
40	0.952	130	0.514	220	0.373	310	0.988
50	0.992	140	0.375	230	0.514	320	0.949
60	0.998	150	0.349	240	0.658	330	0.889
70	0.972	160	0.458	250	0.763	340	0.828
80	0.929	170	0.575	260	0.830	350	0.785

Additional Azimuths

Degree	V _A
55	1.000
305	0.995
213	0.336
147	0.338

Certification

Section	Question	Response
<p>General Certification Statements</p>	<p>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.).</p>	
	<p>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.</p>	
<p>Authorized Party to Sign</p>	<p>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</p> <p>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.</p> <p>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).</p>	
	<p>I certify that this application includes all required and relevant attachments.</p>	<p>Yes</p>
	<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Walter F. Ulloa <i>Chief Executive Officer</i></p> <p>08/02/2019</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>EVC731HHH-STA.pdf</u>	Applicant	General Information	Basis for STA Request.
<u>WUTF-TV STA Predicted Coverage Map.pdf</u>	Applicant	All Purpose	STA PREDICTED COVERAGE CONTOURS
<u>WUTF-TV STA Technical Summary.pdf</u>	Applicant	All Purpose	STA TECHNICAL SUMMARY