



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **0000068099** | Submit Date: **02/27/2019** | Call Sign: **WLRN-TV** | Facility ID: **66358** | FRN: **0004998118**
State: **Florida** | City: **MIAMI**
Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **03/08/2019** | Expiration Date: **09/09/2019**
Filing Status: **Active**

General Information

Section	Question	Response
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Fees, Waivers, and Exemptions

Section	Question	Response
Waivers	Does this filing request a waiver of the Commission's rule(s)?	No
	Total number of rule sections involved in this waiver request:	

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
THE SCHOOL BOARD OF MIAMI - DADE COUNTY, FL	John LaBonia 172 NE 15TH ST MIAMI, FL 33132 United States	+1 (305) 995-2259	jlabonia@wlrn.org	Government Entity

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
Joseph A Belisle , III . Belisle Law Firm PA	Joseph A. Belisle III 17300 SW 84th Ave Palmetto Bay, FL 33157 United States	+1 (305) 978- 7675	joe@belislelaw.com	Legal Representative
Ryan C. Wilhour <i>CONSULTING ENGINEER</i> Kessler & Gehman Associates, Inc.	Ryan C. Wilhour 507 NW 60TH STREET, SUITE C GAINESVILLE, FL 32607 United States	+1 (352) 332- 3157	RWILHOUR@BELLSOUTH. NET	Technical Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	66358
	State	Florida
	City	MIAMI
	DTV Channel	26
	Designated Market Area	MIAMI-FT. LAUDERDALE
Facility Type	Facility Type	Noncommercial Educational
	Station Type	Main
Zone	Zone	3

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1041402
Coordinates (NAD83)	Latitude	25° 58' 47.0" N+
	Longitude	080° 11' 45.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	308.0 meters
	Support Structure Height	296.0 meters
	Ground Elevation (AMSL)	3.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	300 meters
	Height of Radiation Center Above Average Terrain	301 meters
	Height of Radiation Center Above Mean Sea Level	303.0 meters
	Effective Radiated Power	765 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	88496
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TUF-BP4SP-12/48U-1-T
	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	V _A (Authorized Value)	Degree	V _A (Authorized Value)	Degree	V _A (Authorized Value)	Degree	V _A (Authorized Value)
0	0.955	90	0.329	180	0.571	270	0.529
10	1	100	0.383	190	0.75	280	0.446
20	0.957	110	0.408	200	0.903	290	0.417
30	0.833	120	0.4	210	0.99	300	0.425
40	0.659	130	0.358	220	0.988	310	0.483
50	0.489	140	0.303	230	0.912	320	0.583
60	0.37	150	0.288	240	0.813	330	0.681
70	0.305	160	0.332	250	0.726	340	0.765
80	0.288	170	0.423	260	0.635	350	0.859

Additional Azimuths

Degree	V _A
78	0.286
291	0.416
214	1
147	0.286
112	0.41

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>John LaBonia <i>General Manager WLRN</i></p> <p>02/27/2019</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
Need for Special Temporary Authority.pdf	Applicant	General Information	Need for STA
WLRN Engineering STA Narrative.pdf	Applicant	General Information	WLRN Engineering STA Narrative