



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000219560 | Submit Date: 08/18/2023 | Call Sign: WFOR-TV | Facility ID: 47902 | FRN: 0004425773 |

State: Florida | City: MIAMI

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 08/23/2023 | Expiration Date: 02/22/2024 |

Filing Status: Active

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
CBS TELEVISION STATIONS INC. Doing Business As: CBS TELEVISION STATIONS INC.	Daniel G. Ryson 2020 M St., NW - Licensing DEPT Washington, DC 20036 United States	+1 (202) 457- 4505	dryson@cbs. 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
John Bagwell <i>Senior VP, Associate General Counsel</i> Paramount Global	John Bagwell 1515 Broadway New York, NY 10036 United States	+1 (646) 398-4112	john.bagwell@cbs.com	Legal Representative
Daniel G. Ryson <i>Director Spectrum Management</i> ViacomCBS	Daniel G. Ryson 2020 M St., NW - Licensing DEPT Washington, DC 20036 United States	+1 (202) 457-4074	dryson@cbs.com	Technical Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	47902
	State	Florida
	City	MIAMI
	DTV Channel	22
	Designated Market Area	Miami-Ft. Lauderdale
Facility Type	Facility Type	Commercial
	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	1026553
Coordinates (NAD83)	Latitude	25° 58' 08.3" N+
	Longitude	080° 13' 19.2" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	318.2 meters
	Support Structure Height	285.6 meters
	Ground Elevation (AMSL)	1.5 meters
Antenna Data	Height of Radiation Center Above Ground Level	243.7 meters
	Height of Radiation Center Above Average Terrain	243.7 meters
	Height of Radiation Center Above Mean Sea Level	245.2 meters
	Effective Radiated Power	323 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1011007
Antenna Manufacturer and Model	Manufacturer:	RFS
	Model	RD16C170500620HDS
	Rotation	0 degrees
	Electrical Beam Tilt	0.6
	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	0.945	90	0.291	180	0.773	270	0.869
10	0.915	100	0.323	190	0.87	280	0.871
20	0.858	110	0.326	200	0.943	290	0.88
30	0.77	120	0.296	210	0.987	300	0.89
40	0.653	130	0.265	220	1	310	0.901
50	0.515	140	0.293	230	0.984	320	0.915
60	0.378	150	0.394	240	0.949	330	0.931
70	0.279	160	0.526	250	0.91	340	0.947
80	0.257	170	0.657	260	0.882	350	0.953

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.	Martha E Heller <i>VP, Government Relations and Regulatory</i> 08/18/2023

Attachments

File Name	Uploaded By	Attachment Type	Description
WFOR-TV Draft STA Engineering Statement.pdf	Applicant	General Information	Engineering Statement