



(REFERENCE COPY - Not for submission)

LPTV Engineering STA Application

File Number: 0000140312 | Submit Date: 03/19/2021 | Call Sign: W23CN-D | Facility ID: 74113 | FRN: 0028930774 |

State: Florida | City: SEBRING

Service: LPD | Purpose: Engineering STA | Status: Granted | Status Date: 03/25/2021 | Expiration Date: |

Filing Status: InActive

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	MGL	\$200.00
Total		\$200.00

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
CBS OPERATIONS INVESTMENTS INC. Applicant Doing Business As: CBS OPERATIONS INVESTMENTS INC.	Daniel G. Ryson 2020 M. St., NW - Licensing DEPT WASHINGTON, DC 20036 United States	+1 (202) 457- 4505	DRYSON@CBS. 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
Joseph M. Davis , P.E. . <i>Consulting Engineer</i> Chesapeake RF Consultants, LLC	207 Old Dominion Road Yorktown, VA 23692 United States	+1 (703) 650- 9600	Joseph.Davis@RF- consultants.com	Technical Representative
Daniel G. Ryson G. Ryson 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
Facility ID	74113	
State	Florida	
City	SEBRING	
LPD Channel	36	

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1030953
Coordinates (NAD83)	Latitude	27° 27' 15.0" N+
	Longitude	081° 24' 22.0" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	127.2 meters
	Support Structure Height	121.8 meters
	Ground Elevation (AMSL)	33.4 meters
Antenna Data	Height of Radiation Center Above Ground Level	125 meters
	Height of Radiation Center Above Mean Sea Level	158.4 meters
	Effective Radiated Power	4 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1007986
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TLP-8W/VP-R
	Rotation	0 degrees
	Electrical Beam Tilt	1
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Elliptical
Elevation Radiation 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	
	Out-of-Channel Emission Mask:	Full Service

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.69	90	.263	180	.996	270	.989
10	.571	100	.342	190	1	280	.992
20	.45	110	.45	200	.997	290	.997
30	.342	120	.571	210	.992	300	1
40	.263	130	.69	220	.989	310	.996
50	.222	140	.796	230	.987	320	.979
60	.209	150	.881	240	.986	330	.942
70	.209	160	.942	250	.986	340	.881
80	.222	170	.979	260	.987	350	.796

Additional Azimuths

Degree	V _A
--------	----------------

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.	Andrew J Siegel J Siegel <i>Assistant Secretary</i> 03/19/2021

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>Engineering Statement - W23CN-D.pdf</u>	Applicant	General Information	Engineering Statement