



(REFERENCE COPY - Not for submission)

Digital Class A Engineering STA Application

File Number: **0000122865** | Submit Date: **09/29/2020** | Call Sign: **WARZ-CD** | Facility ID: **71089** | FRN: **0001961713** |

State: **North Carolina** | City: **SMITHFIELD-SELMA**

Service: **DCA** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **11/17/2020** | 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
Capitol Broadcasting Company, Inc. Applicant Doing Business As: Capitol Broadcasting Company, Inc.	Jennifer B. Venable 2619 Western Blvd. Raleigh, NC 27606 United States	+1 (919) 821-8933	jvenable@capitolbroadcasting.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
Jr Louis R duTreil R duTreil , Jr . duTreil Lundin & Rackley Inc	5120 Station Way Sarasota, FL 34233- 3221 United States	+1 (941) 329- 6004	bobjr@DLR.com	Technical Representative
David A. O'Connor A. O'Connor Wilkinson Barker Knauer, LLP	David A. O'Connor 1800 M Street, NW Suite 800N Washington, DC 20036 United States	+1 (202) 383- 3429	doconnor@wbklaw. com	Legal Representative

Channel and
Facility
Information

Section	Question	Response
Proposed Community of License	Facility ID	71089
	State	North Carolina
	City	SMITHFIELD-SELMA
	DCA Channel	23
	Designated Market Area	Raleigh-Durham (Fayetteville)

Antenna Location
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1006703
Coordinates (NAD83)	Latitude	35° 40' 35.1" N+
	Longitude	078° 32' 07.2" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	609.5 meters
	Support Structure Height	569.7 meters
	Ground Elevation (AMSL)	98.7 meters
Antenna Data	Height of Radiation Center Above Ground Level	295.7 meters
	Height of Radiation Center Above Mean Sea Level	394.4 meters
	Effective Radiated Power	0.987 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	1001501
Antenna Manufacturer and Model	Manufacturer:	PSI
	Model	PSILP16DC-23
	Rotation	0.0 degrees
	Electrical Beam Tilt	1.0
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
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:	Stringent

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.4	90	0.924	180	0.857	270	0.408
10	0.398	100	0.958	190	0.792	280	0.449
20	0.44	110	0.98	200	0.713	290	0.487
30	0.51	120	0.994	210	0.628	300	0.515
40	0.59	130	1	220	0.547	310	0.527
50	0.671	140	0.99	230	0.474	320	0.522
60	0.748	150	0.973	240	0.414	330	0.5
70	0.818	160	0.946	250	0.378	340	0.467
80	0.877	170	0.907	260	0.378	350	0.43

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.	Jennifer B. Venable B. Venable <i>Vice President</i> 09/29/2020

Attachments

File Name	Uploaded By	Attachment Type	Description
WARZ_CD_23_STA_Coverage_Map.pdf	Applicant	All Purpose	PREDICTED COVERAGE CONTOURS
WARZ_CD_23_STA_RF_Hazard_Statement.pdf	Applicant	All Purpose	RF HAZARD STATEMENT
WARZ_CD_23_STA_Technical_Summary.pdf	Applicant	General Information	TECHNICAL SUMMARY
WARZ_CD_23_STA_TVStudy_Analysis.pdf	Applicant	All Purpose	TVSTUDY ANALYSIS
WARZ-CD consent letter.pdf	Applicant	General Information	Licensee Section 73.3517 consent letter