



(REFERENCE COPY - Not for submission)

Digital Class A Engineering STA Application

File Number: 0000017936 | Submit Date: 11/22/2016 | Call Sign: WARZ-CD | Facility ID: 71089 | FRN: 0001961713 |

State: North Carolina | City: SMITHFIELD-SELMA

Service: DCA | Purpose: Engineering STA | Status: Dismissed | Status Date: 07/17/2017 | 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	\$190.00
Total		\$190.00

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
WATERS & BROCK COMMUNICATIONS, INC. Applicant Doing Business As: WATERS & BROCK COMMUNICATIONS, INC.	Gerald Waters, President PO Box 1826 SMITHFIELD, NC 27577 United States	+1 (919) 965- 8835	gerald@warz. tv	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
(3)

Contact Name	Address	Phone	Email	Contact Type
TIMOTHY Z. SAWYER Z. SAWYER MULLANEY ENGINEERING, INC.	4937 G - GREEN VALLEY ROAD MONROVIA, MD 21770 United States	+1 (301) 921-0115	MULLANEY@MULLENGR.COM	Technical Representative
Esq. Jeffrey L. Timmons L. Timmons , Esq. . Jeffrey L. Timmons, Esq.	Jeff Timmons 974 Branford Lane NW Lilburn, GA 30047 United States	+1 (678) 463-5116	jeff@timmonspc.com	Legal Representative
GERALD Waters <i>President</i> Waters and Brock Communications, Inc.	Gerald Waters P.O. BOX 1826 SMITHFIELD, NC 27577 United States	+1 (919) 965-8835	GERALD@WARZ.TV	Licensee

Channel and Facility Information

Section	Question	Response
Facility ID	71089	
State	North Carolina	
City	SMITHFIELD-SELMA	
DCA Channel	34	

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1205989
Coordinates (NAD83)	Latitude	35° 31' 45.6" N+
	Longitude	078° 18' 07.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	121.9 meters
	Support Structure Height	121.0 meters
	Ground Elevation (AMSL)	46.9 meters
Antenna Data	Height of Radiation Center Above Ground Level	114.3 meters
	Height of Radiation Center Above Mean Sea Level	161.2 meters
	Effective Radiated Power	15 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1001055
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TFU-16DSB-C
	Rotation	0 degrees
	Electrical Beam Tilt	1
	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	0.990	90	0.474	180	.522	270	.671
10	0.973	100	0.414	190	.500	280	.748
20	0.946	110	0.378	200	.467	290	.818
30	0.907	120	.378	210	.430	300	.877
40	0.857	130	.408	220	.400	310	.924
50	0.792	140	.449	230	.398	320	.958
60	0.713	150	.487	240	.440	330	.980
70	0.628	160	.515	250	.510	340	.994
80	0.547	170	.527	260	.590	350	1.000

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.	Gerald Waters Waters <i>President</i> 11/22/2016

Attachments

File Name	Uploaded By	Attachment Type	Description
WARZ_EngineerSTA_December2016_LegalExhibit_draft1.pdf	Applicant	General Information	Request for Engineering STA