



(REFERENCE COPY - Not for submission)

Digital Class A Engineering STA Application

File Number: **0000080650** | Submit Date: **08/28/2019** | Call Sign: **WDNN-CD** | Facility ID: **49236** | FRN: **0027847094** |

State: **Georgia** | City: **DALTON**

Service: **DCA** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **08/30/2019** | 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
NORTH GEORGIA TELEVISION Applicant Doing Business As: NORTH GEORGIA TELEVISION	Deborah Boyd PO Box 1740 Dalton, GA 30721 United States	+1 (706) 278- 9713	dboyd@wdnntv. 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
(1)

Contact Name	Address	Phone	Email	Contact Type
Deborah Boyd Boyd North Georgia Television News, Inc	Deborah Boyd PO Box 1740 Dalton, GA 30721 United States	+1 (706) 278- 9713	dboyd@wdnntv. com	Legal Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	49236
	State	Georgia
	City	DALTON
	DCA Channel	20
	Designated Market Area	Chattanooga

Antenna Location
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	No
	ASR Number	
Coordinates (NAD83)	Latitude	34° 44' 00.2" N+
	Longitude	085° 01' 02.8" W-
	Structure Type	LTOWER-Lattice Tower
	Overall Structure Height	46 meters
	Support Structure Height	46 meters
	Ground Elevation (AMSL)	552 meters
Antenna Data	Height of Radiation Center Above Ground Level	21 meters
	Height of Radiation Center Above Mean Sea Level	573 meters
	Effective Radiated Power	2.08 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1005470
Antenna Manufacturer and Model	Manufacturer:	Kathrein
	Model	K723147 array
	Rotation	0 degrees
	Electrical Beam Tilt	Not Applicable
	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	1.000	90	1.000	180	0.092	270	0.092
10	0.889	100	0.971	190	0.066	280	0.148
20	0.730	110	0.812	200	0.087	290	0.203
30	0.761	120	0.645	210	0.042	300	0.272
40	0.916	130	0.500	220	0.101	310	0.383
50	0.915	140	0.382	230	0.100	320	0.500
60	0.756	150	0.272	240	0.042	330	0.645
70	0.730	160	0.203	250	0.087	340	0.812
80	0.889	170	0.148	260	0.066	350	0.971

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.	Deborah Boyd Boyd Sec 08/28/2019

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>WDNN WDGA Extension - Cover Letter and Jampro.pdf</u>	Applicant	General Information	