



(REFERENCE COPY - Not for submission)

Digital Class A Engineering STA Application

File Number: 0000080047 | Submit Date: 08/06/2019 | Call Sign: WOIL-CD | Facility ID: 31649 | FRN: 0018751719 | State: Alabama | City: TALLADEGA

Service: DCA | Purpose: Engineering STA | Status: Granted | Status Date: 08/26/2019 | 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
JOSEPH V EARLEY Applicant Doing Business As: JOSEPH V EARLEY	JOSEPH V. EARLEY 1 SOUTH MAIN SYLACAUGA, AL 35150 United States	+1 (256) 249- 4348	JVEARLEY@AOL. 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
DARRYL K DELAWDER K DELAWDER DELAWDER COMMUNICATIONS INC	DELAWDER COMMUNICATIONS, INC. P.O. BOX 1095 ASHBURN, VA 20146 United States	+1 (703) 299- 9222	DELAWDER@AOL. COM	Technical Representative
LEE J PELTZMAN J PELTZMAN SHAINIS AND PELTZMAN, CHARTERED	LEE J. PELTZMAN 1850 M STREET SUITE 240 WASHINGTON, DC 20036 United States	+1 (202) 293- 0011	LEE@S-PLAW. COM	Legal Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	31649
	State	Alabama
	City	TALLADEGA
	DCA Channel	23
	Designated Market Area	Birmingham (Ann and Tusc)

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	33° 24' 42.0" N+
	Longitude	086° 12' 27.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	45 meters
	Support Structure Height	43 meters
	Ground Elevation (AMSL)	475 meters
Antenna Data	Height of Radiation Center Above Ground Level	43 meters
	Height of Radiation Center Above Mean Sea Level	518 meters
	Effective Radiated Power	0.838 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	1000807
Antenna Manufacturer and Model	Manufacturer:	ATC
	Model	BPX
	Rotation	80 degrees
	Electrical Beam Tilt	0.5
	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:	Simple

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	1	90	0.016	180	0.05	270	0.016
10	0.939	100	0.013	190	0.05	280	0.035
20	0.822	110	0.05	200	0.05	290	0.106
30	0.661	120	0.05	210	0.05	300	0.209
40	0.501	130	0.05	220	0.05	310	0.343
50	0.343	140	0.05	230	0.05	320	0.501
60	0.209	150	0.05	240	0.05	330	0.661
70	0.106	160	0.05	250	0.05	340	0.822
80	0.035	170	0.05	260	0.013	350	0.939

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.	Joseph Vincent Earley Vincent Earley <i>Sole Proprietor</i> 08/06/2019

Attachments

File Name	Uploaded By	Attachment Type	Description
Circumstances Justifying Special Temporary Operation by WOIL-CD.pdf	Applicant	General Information	Circumstances Justifying Special Temporary Operation by WOIL-CD
TalladegaAL23dEngr.pdf	Applicant	All Purpose	Engineering STA Info
Talladegatvixstudy.pdf	Applicant	All Purpose	TVStudy Results