



(REFERENCE COPY - Not for submission)

FM Translator Engineering STA Application

File Number: 0000202708

Submit Date: 10/20/2022

Lead Call Sign: W242AX

Facility ID: 146140

FRN: 0004993457

Service: FM Translator

Purpose: Engineering STA

Status: Granted

Status Date: 11/10/2022

Filing Status: Inactive

General Information

Section	Question	Response
Attachments	Are attachments (other than associated schedules) being filed with this application?	

Fees, Waivers, and Exemptions

Section	Question	Response
Fees	Is the applicant exempt from FCC application Fees?	No
	Indicate reason for fee exemption:	
	Is the applicant exempt from FCC regulatory Fees?	No
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	Call Sign	Facility ID	Fee Code	Fee Amount
Engineering STA			MWB	\$170.00
			Total	

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
AUBURN NETWORK, INC. Doing Business As: AUBURN NETWORK, INC.	Michael G. Hubbard P.O. BOX 950 AUBURN, AL 36831 United States	+1 (334) 826-2929	HUBBARD@AUNETWORK.COM	COR

Contact Representatives (2)

Contact Name	Address	Phone	Email	Contact Type
Terry W. Harper <i>Engineer</i> Auburn Broadcast Services	Terry Harper 413 Kimberly Drive Auburn, AL 36832 United States	+1 (334) 703-7577	harpetw@Auburn.edu	Technical Representative
M Scott Johnson , Esq . <i>Legal Counsel</i> Smithwick & Belendiuk, PC	M. Scott Johnson 5028 Wisconsin Avenue, NW Suite 301 Washington, DC 20016 United States	+1 (202) 256-5941	sjohnson@fccworld.com	Legal Representative

STA Purpose

Section	Question	Response
STA Purpose	This Special Temporary Authority is requested for use of:	Other antenna system

Channel and Facility Information

Section	Question	Response
Proposed Community of License	State	Alabama
	City	AUBURN
	Channel	242
	Frequency	96.3
Facility Type	Facility Type	Commercial

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1014002
Coordinates (NAD83)	Latitude	32° 33' 54.0" N+
	Longitude	085° 22' 13.0" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	151.7 meters
	Support Structure Height	150.8 meters
	Ground Elevation (AMSL)	185.8 meters
Antenna Data	Height of Radiation Center Above Ground Level	Horizontal:115 meters Vertical:115 meters
	Height of Radiation Center Above Mean Sea Level	Horizontal:300.8 meters Vertical:300.8 meters
	Effective Radiated Power	Horizontal:0.2 kW Vertical: 0.2 kW

Antenna Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional
Primary Station	Call Sign	WGZZ
	Facility ID	15283
	Frequency	94.3
	Channel	232
	Service Code	FM
	City	WAVERLY

	State	AL
Delivery Method	Delivery Method	Direct-off-air
	If Other, Please specify:	

Directional Antenna Relative Field Value

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.553	90	0.042	180	0.088	270	0.363
10	0.363	100	0.088	190	0.042	280	0.553
20	0.203	110	0.117	200	0.027	290	0.727
30	0.138	120	0.134	210	0.06	300	0.871
40	0.141	130	0.143	220	0.13	310	0.966
50	0.157	140	0.145	230	0.157	320	1.0
60	0.13	150	0.143	240	0.141	330	0.966
70	0.06	160	0.134	250	0.138	340	0.871
80	0.027	170	0.117	260	0.203	350	0.727

Additional Azimuths

Degree	Value
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Certifications

Section	Question	Response
Environmental Effect	Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? (See 47 C.F.R. Section 1.1306)	No

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	<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b> 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 declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	<b>Tracy Ledbetter</b> <i>Manager</i>  10/20/2022

Attachments

File Name	Uploaded By	Attachment Type	Description	Upload Status
<u>Engineering Exhibit from BSTA-20191220ACG.pdf</u>	Applicant	General Information	Engineering Exhibit from BSTA-20191220ACG	Done with Virus Scan and/or Conversion
<u>Request for Extension of STA for W242AX fac id 146140.pdf</u>	Applicant	STA Purpose	Request for Extension of Existing STA	Done with Virus Scan and/or Conversion