



Approved by OMB (Office of Management and Budget) 3060-0386
July 2002

(REFERENCE COPY - Not for submission)
Full Power FM Engineering STA Application

File Number: **BSTA-20190702AEB** | Submit Date: **07/02/2019** | Lead Call Sign: **WLAV-FM** | Facility ID: **41680** |

FRN: **0019721638**

Service: **Full Power FM** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **07/08/2019** | 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?	
Waivers	Does this filing request a waiver of the Commission's rule (s)?	
	Total number of rule sections involved in this waiver request:	

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
RADIO LICENSE HOLDING CBC, LLC Applicant Doing Business As: RADIO LICENSE HOLDING CBC, LLC	3280 PEACHTREE ROAD, NW SUITE 2200 ATLANTA, GA 30305 United States	+1 (404) 949-0700		OTH

Contact Representatives (2)

Contact Name	Address	Phone	Email	Contact Type
WILLIAM J. GETZ <i>CONSULTING ENGINEER</i>	CARL T. JONES CORPORATION 7901 YARNWOOD COURT SPRINGFIELD, VA 22153-2899 United States	+1 (703) 569-7704	WGETZ@CTJC.COM	Technical Representative
ANDREW S. KERSTING, ESQ. CUMULUS MEDIA INC.	3280 PEACHTREE ROAD, NW SUITE 2200 ATLANTA, GA 30305 United States	+1 (404) 260-6761	ANDY.KERSTING@CUMULUS.COM	Legal Representative

STA Purpose

Channel and Facility Information

Section	Question	Response
STA Purpose	This Special Temporary Authority is requested for use of:	Other antenna system
Section	Question	Response
Proposed Community of License	State	Michigan
	City	GRAND RAPIDS
	Channel	245
	Frequency	96.9
Facility Type	Facility Type	
Station Class	Station Class	

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1005721
Coordinates (NAD83)	Latitude	42° 57' 35.1" N+
	Longitude	085° 53' 45.1" W-
	Structure Type	
	Overall Structure Height	262 meters
	Support Structure Height	
	Ground Elevation (AMSL)	
Antenna Data	Height of Radiation Center Above Ground Level	Horizontal:156 meters Vertical:156 meters
	Height of Radiation Center Above Average Terrain	Horizontal:160 meters Vertical:160 meters
	Height of Radiation Center Above Mean Sea Level	Horizontal:365 meters Vertical:365 meters
	Effective Radiated Power	Horizontal:7.2 kW Vertical: 7.2 kW

Antenna Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional

Directional Antenna Relative Field Value

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.824	90	0.925	180	0.391	270	0.312
10	0.832	100	0.843	190	0.287	280	0.328
20	0.853	110	0.879	200	0.176	290	0.388
30	0.877	120	0.928	210	0.164	300	0.446
40	0.89	130	0.889	220	0.168	310	0.486

50	0.83	140	0.819	230	0.083	320	0.493
60	0.841	150	0.73	240	0.162	330	0.453
70	0.942	160	0.596	250	0.237	340	0.55
80	0.994	170	0.485	260	0.282	350	0.72

Additional Azimuths

Degree	Value
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STA
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)	

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 declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	RICHARD S. DENNING

Attachments

File Name	Uploaded By	Attachment Type	Description	Upload Status
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<u>1806472_1542614.txt</u>	Applicant	All Purpose	RFR STATEMENT OF COMPLIANCE	Done with Virus Scan and/or Conversion
<u>1806472_1542615.txt</u>	Applicant	All Purpose	CIRCUMSTANCES REQUIRING STA	Done with Virus Scan and/or Conversion
<u>1806472_42898897.pdf</u>	Applicant	All Purpose	WLAV-FM Licensed Main and Proposed STA 60 dBu Contour Exhibit	Done with Virus Scan and/or Conversion
<u>1806472_42898898.pdf</u>	Applicant	All Purpose	WLAV-FM Directional Antenna Proof of Performance	Done with Virus Scan and/or Conversion
<u>1806472_42899541.pdf</u>	Applicant	All Purpose	Summary of Radio Frequency Radiation Study	Done with Virus Scan and/or Conversion
<u>D:\data\prod\cdbs\letters\91\A-1806472 F-41680 L-91519-BSTA-20190702AEB.pdf</u>	Internal	All Purpose	imported letter	Done with Virus Scan and/or Conversion