



(REFERENCE COPY - Not for submission)

LPTV Engineering STA Application

File Number: **0000143374** | Submit Date: **04/12/2021** | Call Sign: **WCEA-LD** | Facility ID: **168497** | FRN: **0020562674** |

State: **Massachusetts** | City: **BOSTON**

Service: **LPD** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **04/16/2021** | 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	MGL	\$200.00
Total		\$200.00

**Applicant
Information**

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
C&M BROADCASTING CORPORATION Applicant Doing Business As: C&M BROADCASTING CORPORATION	903 ALBANY STREET BOSTON, MA 02119 United States	+1 (617) 541-2222	wcea2000@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
CLARENCE M. BEVERAGE M. BEVERAGE Communications Technologies, Inc.	23 BINSTED DRIVE MEDFORD, NJ 08055 United States	+1 (609) 451-5296	CBEVERAGE@COMTECHRF.COM	Technical Representative
FRANCISCO R. MONTERO R. MONTERO Fletcher, Heald & Hildreth, PLC	Mark DeSantis 1300 N. 17th Street 11th Floor Arlington, VA 22209 United States	+1 (703) 812-0480	montero@fhhlaw.com	Legal Representative

Channel and Facility Information

Section	Question	Response
Facility ID	168497	
State	Massachusetts	
City	BOSTON	
LPD Channel	36	

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1005833
Coordinates (NAD83)	Latitude	42° 20' 57.0" N+
	Longitude	071° 04' 29.0" W-
	Structure Type	BPOLE-Building with POLE /ANTENNA on top
	Overall Structure Height	259.7 meters
	Support Structure Height	239.9 meters
	Ground Elevation (AMSL)	5.5 meters
Antenna Data	Height of Radiation Center Above Ground Level	249.5 meters
	Height of Radiation Center Above Mean Sea Level	255.0 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	1008058
Antenna Manufacturer and Model	Manufacturer:	ATC
	Model	BPCC13S
	Rotation	300 degrees
	Electrical Beam Tilt	3
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Circular
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:	Full Service

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.025	90	0.085	180	0.079	270	0.42
10	0.015	100	0.067	190	0.065	280	0.72
20	0.035	110	0.082	200	0.076	290	0.91
30	0.056	120	0.1	210	0.056	300	1
40	0.064	130	0.082	220	0.035	310	0.91
50	0.065	140	0.067	230	0.015	320	0.72
60	0.084	150	0.085	240	0.025	330	0.42
70	0.084	160	0.085	250	0.046	340	0.057
80	0.085	170	0.084	260	0.057	350	0.046

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.	Peterson Cuenca Cuenca <i>President</i> 04/12/2021

Attachments

File Name	Uploaded By	Attachment Type	Description
01523123.PDF	Applicant	General Information	STA Justification
WCEA STA ENGINEERING AND ENVIRONMENTAL NARRATIVE 04122021.pdf	Applicant	All Purpose	ENGINEERING NARRATIVE AND ENVIRONMENTAL