



(REFERENCE COPY - Not for submission)

LPTV Experimental STA Application

File Number: 0000117848 | Submit Date: 07/15/2020 | Facility ID: 756067 | FRN: 0002687333 | State: Wisconsin | City: Baraboo

Service: LPD | Purpose: Experimental STA | Status: Granted | Status Date: 08/11/2020 | Expiration Date: 02/10/2021 |

Filing Status: Active

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
Experimental STA	MGL	\$200.00
Total		\$200.00

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
BARABOO BROADCASTING CORPORATION Doing Business As: BARABOO BROADCASTING CORPORATION	KELLY MARTINSON PO Box 456 BARABOO, WI 53913 United States	+1 (608) 356- 3974	KORY@WRPQ. COM	Corporation

Contact
Representatives
(2)

Contact Name	Address	Phone	Email	Contact Type
CLARENCE M. BEVERAGE <i>BROADCAST ENGINEERING CONSULTANT</i> COMMUNICATIONS TECHNOLOGIES, INC.	PO Box 1130 MARLTON, NJ 08053 United States	+1 (609) 451-5296	CBEVERAGE@COMMTECHRF. COM	Technical Representative
MATTHEW H. MCCORMICK , ESQ . <i>LEGAL REPRESENTATIVE</i> FLETCHER, HEALD & HILDRETH, P.L.C.	1300 N. 17TH STREET 11TH FLOOR ARLINGTON, VA 22209 United States	+1 (703) 812-0438	MCCORMICK@FHHLAW.COM	Legal Representative

Channel and Facility Information

Section	Question	Response
Facility ID	756067	
State	Wisconsin	
City	Baraboo	
LPD Channel	16	

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1022018
Coordinates (NAD83)	Latitude	43° 25' 50.0" N+
	Longitude	089° 39' 13.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	129.5 meters
	Support Structure Height	121.9 meters
	Ground Elevation (AMSL)	466.3 meters
Antenna Data	Height of Radiation Center Above Ground Level	115.8 meters
	Height of Radiation Center Above Mean Sea Level	582.1 meters
	Effective Radiated Power	15 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	1003266
Antenna Manufacturer and Model	Manufacturer:	KAT
	Model	1X1 750-10210
	Rotation	315 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:	Full Service

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	1	90	0.062	180	0.102	270	0.064
10	0.966	100	0.053	190	0.09	280	0.117
20	0.875	110	0.062	200	0.061	290	0.201
30	0.749	120	0.066	210	0.023	300	0.312
40	0.598	130	0.055	220	0.022	310	0.457
50	0.445	140	0.028	230	0.048	320	0.605
60	0.313	150	0.017	240	0.061	330	0.754
70	0.201	160	0.058	250	0.057	340	0.88
80	.116	170	0.089	260	0.049	350	0.968

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.	Kelly Martinson <i>President</i> 07/15/2020

Attachments

File Name	Uploaded By	Attachment Type	Description
BBC Channel 16 STA Request - Narrative.pdf	Applicant	General Information	W43BR-LP CH 16 - Narrative for STA
W43BR-LP CH 16 DISPLACEMENT ENGINEERING NARRATIVE AND ENVIRONMENTAL 07142020.pdf	Applicant	All Purpose	Engineering Narrative and Environmental