



(REFERENCE COPY - Not for submission)

LPTV Engineering STA Application

File Number: 0000076220 | Submit Date: 07/08/2019 | Call Sign: W45BT-D | Facility ID: 53371 | FRN: 0029125721 |

State: Pennsylvania | City: Harrisburg/Lancaster

Service: LPD | Purpose: Engineering STA | Status: Granted | Status Date: 07/08/2019 | 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	MGL	\$200.00
Total		\$200.00

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
CORNERSTONE TELEVISION, INC. Applicant Doing Business As: CORNERSTONE TELEVISION, INC.	1 SIGNAL HILL DRIVE WALL, PA 15148 United States	+1 (412) 824- 3930	sjohnson@ctvn. org	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
III JOSEPH C CHAUTIN C CHAUTIN , III . HARDY, CAREY, CHAUTIN & BALKIN, LLP	1080 WEST CAUSEWAY APPROACH MANDEVILLE, LA 70471 United States	+1 (985) 629-0777	JCHAUTIN@HARDYCAREY. COM	Legal Representative
STEVE JOHNSON JOHNSON CORNERSTONE TELEVISION, INC.	ONE SIGNAL HILL DIRVE WALL, PA 15148 United States	+1 (412) 824-3930	SJOHNSON@CTVN.ORG	Technical Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	53371
	State	Pennsylvania
	City	Harrisburg/Lancaster
	LPD Channel	34
	Designated Market Area	Harrisburg-Lncstr-Leb-York

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	41° 07' 11.2" N+
	Longitude	079° 06' 51.1" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	58 meters
	Support Structure Height	58 meters
	Ground Elevation (AMSL)	548 meters
Antenna Data	Height of Radiation Center Above Ground Level	55 meters
	Height of Radiation Center Above Mean Sea Level	603 meters
	Effective Radiated Power	0.10 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1005211
Antenna Manufacturer and Model	Manufacturer:	SCA
	Model	PR-TV-34-(2)
	Rotation	90.0 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:	Stringent

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	1	90	0.090	180	0.091	270	0.093
10	0.811	100	0.090	190	0.092	280	0.093
20	0.445	110	0.092	200	0.094	290	0.092
30	0.188	120	0.093	210	0.092	300	0.096
40	0.117	130	0.090	220	0.092	310	0.103
50	0.095	140	0.093	230	0.092	320	0.127
60	0.090	150	0.092	240	0.093	330	0.196
70	0.093	160	0.092	250	0.094	340	0.448
80	0.092	170	0.091	260	0.092	350	0.814

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.	Steve Johnson Johnson <i>President</i> 07/08/2019

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>tvixstudyW45BT-D 34 100 watts.txt</u>	Applicant	All Purpose	copy of tvixstudy output showing no impermissible interference
<u>W45BT-D Ch 34 Red Pwr STA Justification.pdf</u>	Applicant	General Information	Justification