



(REFERENCE COPY - Not for submission)

LPTV Engineering STA Application

File Number: 0000067697 | Submit Date: 02/05/2019 | Call Sign: WOOT-LD | Facility ID: 31862 | FRN: 0021329800 |

State: Tennessee | City: CHATTANOOGA

Service: LPD | Purpose: Engineering STA | Status: Pending | Status Date: 02/05/2019 | 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
Engineering STA	MGL	\$200.00
Total		\$200.00

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
DIGITAL NETWORKS-SOUTHEAST, LLC Applicant Doing Business As: DIGITAL NETWORKS-SOUTHEAST, LLC	PO BOX 11409 CHATTANOOGA, TN 37401 United States	+1 (423) 468-5100	info@luken.tv	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
(3)

Contact Name	Address	Phone	Email	Contact Type
Timothy K Hurley <i>Engineer</i> Digital Networks	PO Box 11409 Chattanooga, TN 37401 United States	+1 (205) 412-0908	thurley@luken.tv	Applicant Representative
PE Jeremy D Ruck D Ruck , PE . Jeremy Ruck & Associates, Inc.	PO Box 415 Canton, IL 61520 United States	+1 (309) 647-1200	jeremy@jeremyruck.com	Technical Representative
Esq Aaron P Shainis P Shainis , Esq . Shainis & Peltzman, Chartered	1850 M Street NW Suite240 Washington, DC 20036 United States	+1 (202) 293-0011	aaron@s-plaw.com	Legal Representative

Channel and Facility Information

Section	Question	Response
Facility ID	31862	
State	Tennessee	
City	CHATTANOOGA	
LPD Channel	19	

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1296238
Coordinates (NAD83)	Latitude	35° 15' 00.6" N+
	Longitude	085° 13' 10.6" W-
	Structure Type	LTOWER-Lattice Tower
	Overall Structure Height	79.2 meters
	Support Structure Height	79.2 meters
	Ground Elevation (AMSL)	557.8 meters
Antenna Data	Height of Radiation Center Above Ground Level	67.2 meters
	Height of Radiation Center Above Mean Sea Level	625.0 meters
	Effective Radiated Power	6.32 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	1003768
Antenna Manufacturer and Model	Manufacturer:	PS
	Model	PSILP12OI
	Rotation	190 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	1.000	90	0.660	180	0.670	270	0.660
10	1.000	100	0.630	190	0.670	280	0.710
20	0.980	110	0.610	200	0.660	290	0.760
30	0.950	120	0.600	210	0.640	300	0.820
40	0.910	130	0.600	220	0.620	310	0.870
50	0.870	140	0.620	230	0.600	320	0.910
60	0.820	150	0.640	240	0.600	330	0.950
70	0.760	160	0.660	250	0.610	340	0.980
80	0.710	170	0.670	260	0.630	350	1.000

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.	Joel Wertman Wertman <i>President</i> 02/05/2019

Attachments

File Name	Uploaded By	Attachment Type	Description
WOOT-LD STA REQ Technical Exhibit 02052019.pdf	Applicant	General Information	Technical Exhibit