



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **BDSTA-20150114AAS** | Submit Date: **01/14/2015** | Call Sign: **KFTA-TV** | Facility ID: **29560** | FRN:
0009961889 | State: **Arkansas** | City: **FORT SMITH**

Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **01/28/2015** | Expiration Date: **07/28/2015** |
Filing Status: **InActive**

General Information

Section	Question	Response
---------	----------	----------

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)?	
	Total number of rule sections involved in this waiver request:	

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
NEXSTAR BROADCASTING, INC. Applicant Doing Business As: NEXSTAR BROADCASTING, INC.	545 E. JOHN CARPENTER FREEWAY SUITE 700 IRVING, TX 75062 United States	+1 (972) 373- 8800		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
GREGORY L. MASTERS WILEY REIN LLP	1776 K STREET, N.W. WASHINGTON, DC 20006 United States	+1 (202) 719- 7370	GMASTERS@WILEYREIN. COM	Legal Representative
	United States			Technical Representative

Channel and
Facility
Information

Section	Question	Response
Proposed Community of License	Facility ID	29560
	State	Arkansas
	City	FORT SMITH
	DTV Channel	27
	Designated Market Area	Ft. Smith-Fay-Sprngdl-Rgrs
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	2

Antenna Location
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1038012
Coordinates (NAD83)	Latitude	35° 42' 36.0" N+
	Longitude	094° 08' 16.0" W-
	Structure Type	
	Overall Structure Height	153 meters
	Support Structure Height	
	Ground Elevation (AMSL)	599.5 meters
Antenna Data	Height of Radiation Center Above Ground Level	124 meters
	Height of Radiation Center Above Average Terrain	305 meters
	Height of Radiation Center Above Mean Sea Level	723.5 meters
	Effective Radiated Power	600 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	120605
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TFU-24DSB-R CT150
	Rotation	0 degrees
	Electrical Beam Tilt	0.75
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
DTV and DTS: Elevation 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	

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.997	90	0.384	180	0.957	270	0.981
10	0.986	100	0.465	190	0.986	280	1
20	0.951	110	0.384	200	0.997	290	0.981
30	0.921	120	0.214	210	0.973	300	0.932
40	0.863	130	0.289	220	0.919	310	0.875
50	0.744	140	0.542	230	0.864	320	0.845
60	0.542	150	0.744	240	0.845	330	0.864
70	0.289	160	0.863	250	0.875	340	0.919
80	0.214	170	0.921	260	0.932	350	0.973

Additional Azimuths

Degree	V _A
--------	----------------

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.	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	PERRY SOOK 01/14/2015

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>1668052_1285972.txt</u>	Applicant	All Purpose	JUSTIFICATION FOR STA REQUEST
<u>D:\data\prod\cdbs\letters\55\A-1668052_F-29560_L-55934-BDSTA-20150114AAS.pdf</u>	Internal	All Purpose	imported letter