



(REFERENCE COPY - Not for submission)

DTV Experimental STA Application

File Number: 0000068239 | Submit Date: 03/04/2019 | Call Sign: KASW | Facility ID: 7143 | FRN: 0002710192 | State: Arizona | City: PHOENIX

Service: DTV | Purpose: Experimental STA | Status: Superceded | Status Date: 03/28/2019 | Filing Status: InActive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
Experimental STA	MGT	\$200.00
Total		\$200.00

Applicant  
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>NEXSTAR BROADCASTING, INC.</b> <b>Applicant</b> Doing Business As: NEXSTAR BROADCASTING, INC.	Elizabeth Ryder 545 E. JOHN CARPENTER FREEWAY SUITE 700 IRVING, TX 75062 United States	+1 (972) 373- 8800	eryder@nexstar. tv	Other

Contact  
Representatives  
(2)

Contact Name	Address	Phone	Email	Contact Type
<b>Jr William T. Godfrey T. Godfrey , Jr .</b> Kessler and Gehman Associates, Inc.	William T. Godfrey, Jr. Kessler and Gehman Associates, Inc. 507-D NW 60th Street Gainesville, FL 32607 United States	+1 (352) 332-3157	bill@kesslerandgehman.com	Technical Representative
<b>Elizabeth Ryder Ryder</b> Nexstar Broadcasting, Inc.	Elizabeth Ryder 545 E John Carpenter Freeway Suite 700 Irving, TX 75062 United States	+1 (972) 373-8800	eryder@nexstar.tv	Legal Representative

Channel and Facility Information

Section	Question	Response
Facility ID	7143	
State	Arizona	
City	PHOENIX	
DTV Channel	49	
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	1002069
Coordinates (NAD83)	Latitude	33° 20' 01.0" N+
	Longitude	112° 03' 47.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	105.0 meters
	Support Structure Height	90.0 meters
	Ground Elevation (AMSL)	810.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	53 meters
	Height of Radiation Center Above Average Terrain	497 meters
	Height of Radiation Center Above Mean Sea Level	863.0 meters
	Effective Radiated Power	531 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	1004589
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TFU-17ETT/VP-R 4C190
	Rotation	0 degrees
	Electrical Beam Tilt	1
	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	0.727	90	0.793	180	0.663	270	0.415
10	0.730	100	0.730	190	0.516	280	0.516
20	0.793	110	0.727	200	0.415	290	0.663
30	0.879	120	0.787	210	0.397	300	0.809
40	0.953	130	0.875	220	0.431	310	0.915
50	0.994	140	0.944	230	0.463	320	0.962
60	0.994	150	0.962	240	0.463	330	0.944
70	0.953	160	0.915	250	0.431	340	0.875
80	0.879	170	0.809	260	0.397	350	0.787

Additional Azimuths

Degree	V <sub>A</sub>
55	1.000

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	<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b> 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.	<b>Elizabeth Ryder Ryder</b> <i>General Counsel</i>  03/04/2019

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">KASW_Engineering Statement.pdf</a>	Applicant	General Information	
<a href="#">KASW Request for Experimental Special Temporary Authority 3 1 2019.pdf</a>	Applicant	General Information	