



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000153955 | Submit Date: 07/26/2021 | Call Sign: KVEO-TV | Facility ID: 12523 | FRN: 0009961889 |

State: Texas | City: BROWNSVILLE

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 07/30/2021 | 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	MPV	\$270.00
Total		\$270.00

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
Nexstar Media Inc. Applicant Doing Business As: Nexstar Media Inc.	Elizabeth Ryder 545 E. JOHN CARPENTER FREEWAY SUITE 700 IRVING, TX 75062 United States	+1 (972) 373- 8800	eryder@nexstar. 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
(1)

Contact Name	Address	Phone	Email	Contact Type
Elizabeth Ryder Ryder Nexstar Media 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
Proposed Community of License	Facility ID	12523
	State	Texas
	City	BROWNSVILLE
	DTV Channel	24
	Designated Market Area	Harlingen-Wslco-Brnsvl-McA
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	3

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1222106
Coordinates (NAD83)	Latitude	26° 06' 02.3" N+
	Longitude	097° 50' 21.5" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	454.5 meters
	Support Structure Height	427.6 meters
	Ground Elevation (AMSL)	17.1 meters
Antenna Data	Height of Radiation Center Above Ground Level	446.2 meters
	Height of Radiation Center Above Average Terrain	445 meters
	Height of Radiation Center Above Mean Sea Level	463.3 meters
	Effective Radiated Power	500 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1008488
Antenna Manufacturer and Model	Manufacturer:	AND
	Model	ATW27H5-HTC1L-23H
	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	0.963	90	0.994	180	0.235	270	0.803
10	0.985	100	0.987	190	0.19	280	0.917
20	0.992	110	0.974	200	0.195	290	0.979
30	0.987	120	0.921	210	0.193	300	0.993
40	0.966	130	0.811	220	0.225	310	1.0
50	0.938	140	0.695	230	0.348	320	0.996
60	0.935	150	0.604	240	0.495	330	0.972
70	0.963	160	0.504	250	0.602	340	0.941
80	0.989	170	0.363	260	0.691	350	0.937

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.	Elizabeth Ryder Ryder <i>General Counsel</i> 07/26/2021

Attachments

File Name	Uploaded By	Attachment Type	Description
KVEO 7 2021 Reduced Power and STA Request.pdf	Applicant	General Information	