



(REFERENCE COPY - Not for submission)

# DTV Engineering STA Application

File Number: **0000222728** | Submit Date: **10/11/2023** | Call Sign: **KAZQ** | Facility ID: **1151** | FRN: **0007219207** | State: **New Mexico** | City: **ALBUQUERQUE**

Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **10/13/2023** | Expiration Date: **04/12/2024** | Filing Status: **Active**

General Information

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

Fees, Waivers, and Exemptions

Section	Question	Response
Waivers	Does this filing request a waiver of the Commission's rule(s)?	No
	Total number of rule sections involved in this waiver request:	

Applicant  
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
ALPHA OMEGA BROADCASTING OF ALBUQUERQUE, INC. Doing Business As: ALPHA OMEGA BROADCASTING OF ALBUQUERQUE, INC.	Brenton Franks 4501 MONTGOMERY BLVD. NE ALBUQUERQUE, NM 87109 United States	+1 (505) 884-8355	bfranks220@kazq32.org	Not-for-Profit

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
<b>DONALD MARTIN</b> <i>Attorney</i> Donald E. Martin, P.C.	Donald Martin PO Box 8433 Falls Church, VA 22041 United States	+1 (703) 642-2344	dempc@prodigy.net	Legal Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	1151
	State	New Mexico
	City	ALBUQUERQUE
	DTV Channel	17
	Designated Market Area	ALBUQUERQUE-SANTA FE
Facility Type	Facility Type	Noncommercial Educational
	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?	No
	ASR Number	
Coordinates (NAD83)	Latitude	35° 12' 51.1" N+
	Longitude	106° 27' 03.0" W-
	Structure Type	NNLTANN-Lattice Tower Array
	Overall Structure Height	38.1 meters
	Support Structure Height	38.1 meters
	Ground Elevation (AMSL)	3233 meters
Antenna Data	Height of Radiation Center Above Ground Level	33.5 meters
	Height of Radiation Center Above Average Terrain	1247 meters
	Height of Radiation Center Above Mean Sea Level	3266.5 meters
	Effective Radiated Power	65.6 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	58949
Antenna Manufacturer and Model	Manufacturer:	MCI
	Model	UTV-01/32
	Rotation	0 degrees
	Electrical Beam Tilt	3
	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	0.62	90	0.552	180	0.62	270	0.552
10	0.857	100	0.421	190	0.857	280	0.421
20	0.975	110	0.463	200	0.975	290	0.463
30	1	120	0.5	210	1	300	0.5
40	0.975	130	0.463	220	0.975	310	0.463
50	0.857	140	0.421	230	0.857	320	0.421
60	0.62	150	0.552	240	0.62	330	0.552
70	0.53	160	0.629	250	0.53	340	0.629
80	0.629	170	0.53	260	0.629	350	0.53

Additional Azimuths

Degree	V <sub>A</sub>
--------	----------------

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>Brenton Franks</b> <i>President</i>  10/11/2023

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>Statement re Reduced Power.docx</u>	Applicant	General Information	Explanation for need for STA