



(REFERENCE COPY - Not for submission)

# Channel Substitution/Community of License Change

File Number: **0000116418** | Submit Date: **06/22/2020** | Call Sign: **KPNX** | Facility ID: **35486** | FRN: **0001887363** | State: **Arizona** | City: **MESA**  
Service: **DTV** | Purpose: **Rule Making** | Status: **Granted** | Status Date: **01/13/2021** | Expiration Date: **10/01/2022** |  
Filing Status: **InActive** | NPRM Date: **10/13/2020** | Report and Order Date: **12/02/2020**

General Information

Section	Question	Response
Attachments	Are attachments (other than associated schedules) being filed with this application?	Yes

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
MULTIMEDIA HOLDINGS CORPORATION	Denise A. Branson, Sr. Paralegal TEGNA Inc. 8350 Broad Street, Suite 2000 Tysons, VA 22102 United States	+1 (703) 873-6606	dbranson@tegna.com	Corporation

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
<b>Michael Beder , Esq .</b> <i>Associate General Counsel</i> TEGNA Inc.	8350 Broad Street, Suite 2000 Tysons, VA 22102 United States	+1 (703) 873- 6902	mbeder@tegna.com	Legal Representative
<b>Ryan C Wilhour</b> <i>Consulting Engineer</i> Kessler and Gehman Associates, Inc.	507 NW 60th ST STE D Gainesville, FL 32607 United States	+1 (352) 332- 3157	ryan@kesslerandgehman. com	Technical Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	35486
	State	Arizona
	City	MESA
	DTV Channel	18
	Designated Market Area	Phoenix (Prescott)
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	1002073
Coordinates (NAD83)	Latitude	33° 20' 00.0" N+
	Longitude	112° 03' 51.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	117.4 meters
	Support Structure Height	76.2 meters
	Ground Elevation (AMSL)	808.6 meters
Antenna Data	Height of Radiation Center Above Ground Level	104 meters
	Height of Radiation Center Above Average Terrain	555 meters
	Height of Radiation Center Above Mean Sea Level	912.6 meters
	Effective Radiated Power	1000 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1006957
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TFU-24ETT-R 4C170
	Rotation	30 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	0.976	90	0.336	180	0.217	270	0.995
10	0.995	100	0.217	190	0.336	280	0.976
20	0.999	110	0.192	200	0.522	290	0.959
30	0.988	120	0.207	210	0.710	300	0.961
40	0.969	130	0.226	220	0.851	310	0.977
50	0.931	140	0.234	230	0.931	320	0.986
60	0.851	150	0.226	240	0.969	330	0.977
70	0.710	160	0.207	250	0.988	340	0.961
80	0.522	170	0.192	260	0.999	350	0.959

Additional Azimuths

Degree	V <sub>A</sub>
263	1
17	1

## 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>Akin S. Harrison</b> <i>SVP, General Counsel and Secretary</i>  06/22/2020

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">DA-20-1436A1.pdf</a>	Internal		Report And Order
<a href="#">Exhibit B - KPNX Engineering Narrative Allocation Study and RFR analysis.pdf</a>	Applicant	All Purpose	
<a href="#">Exhibit C - Vendor Letters.pdf</a>	Applicant	All Purpose	
<a href="#">KPNX Channel Substitution Petition (6-22-2020).pdf</a>	Applicant	All Purpose	
<a href="#">NPRM-Mesa, AZ.pdf</a>	Internal		Notice for Proposed Rule Making