



(REFERENCE COPY - Not for submission)

DTV Experimental STA Application

File Number: **0000059643** | Submit Date: **09/18/2018** | Call Sign: **KPHO-TV** | Facility ID: **41223** | FRN: **0022223796**
 State: **Arizona** | City: **PHOENIX**
 Service: **DTV** | Purpose: **Experimental STA** | Status: **Granted** | Status Date: **10/03/2018** | Expiration Date: **03/29/2019**
 Filing Status: **Active**

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
KPHO BROADCASTING CORPORATION	Joshua Pila 1716 LOCUST STREET DES MOINES, IA 50309 United States	+1 (515) 284-3000	RegAffairs@meredith.com	Corporation

**Contact
Representatives
(1)**

Contact Name	Address	Phone	Email	Contact Type
Joshua Pila <i>General Counsel</i> Meredith Corporation	Joshua Pila 1716 Locust Street Des Moines, IA 50309 United States	+1 (515) 284-3000	RegAffairs@meredith.com	Legal Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	41223
	State	Arizona
	City	PHOENIX
	DTV Channel	17
	Designated Market Area	Phoenix (Prescott)
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	1005664
Coordinates (NAD83)	Latitude	33° 20' 02.0" N+
	Longitude	112° 03' 43.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	115.0 meters
	Support Structure Height	91.0 meters
	Ground Elevation (AMSL)	792.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	83 meters
	Height of Radiation Center Above Average Terrain	507 meters
	Height of Radiation Center Above Mean Sea Level	875.0 meters
	Effective Radiated Power	1000 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	67336
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TFU-26DSC C170
	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	0.936	90	0.963	180	0.302	270	0.437
10	0.917	100	0.988	190	0.218	280	0.588
20	0.905	110	1	200	0.207	290	0.733
30	0.9	120	0.987	210	0.232	300	0.854
40	0.899	130	0.94	220	0.245	310	0.94
50	0.9	140	0.854	230	0.232	320	0.987
60	0.905	150	0.733	240	0.207	330	1
70	0.917	160	0.588	250	0.218	340	0.988
80	0.936	170	0.437	260	0.302	350	0.963

Additional Azimuths

Degree	V _A
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Certification

Section	Question	Response
<p>General Certification Statements</p>	<p>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.).</p>	
	<p>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.</p>	
<p>Authorized Party to Sign</p>	<p>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</p> <p>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.</p> <p>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).</p>	
	<p>I certify that this application includes all required and relevant attachments.</p>	<p>Yes</p>
	<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Joshua Pila <i>General Counsel</i></p> <p>09/18/2018</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
59644.pdf	Internal	All Purpose	
ATSC 3.0 KPHO Eng Statement.pdf	Applicant	All Purpose	Engineering Statement
KPHO-TV EA Supporting Statement 09.12.18.pdf	Applicant	All Purpose	KPHO-TV EA Supporting Statement