



(REFERENCE COPY - Not for submission)

# DTV Experimental STA Application

File Number: **0000055279** | Submit Date: **06/18/2018** | Call Sign: **KSAZ-TV** | Facility ID: **35587** | FRN: **0013522388** | State: **Arizona** | City: **PHOENIX**  
 Service: **DTV** | Purpose: **Experimental STA** | Status: **Superseded** | Status Date: **08/02/2018** | Filing Status: **InActive**

**General Information**

Section	Question	Response
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**Fees, Waivers, and Exemptions**

Section	Question	Response
<b>Fees</b>	Is the applicant exempt from FCC application Fees?	No
	Indicate reason for fee exemption:	
<b>Waivers</b>	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	\$190.00
	<b>Total</b>	<b>\$190.00</b>

**Applicant  
Information**

**Applicant Name, Type, and Contact Information**

Applicant	Address	Phone	Email	Applicant Type
NW COMMUNICATIONS OF PHOENIX, INC.	400 N. CAPITOL STREET, NW SUITE 890 WASHINGTON, DC 20001 United States	+1 (202) 824-6522	JDISCIPIO@21CF.COM	Corporation

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**Contact  
Representatives  
(1)**

Contact Name	Address	Phone	Email	Contact Type
<b>JOSEPH M. DI SCIPIO</b> <i>SR. VICE PRESIDENT LEGAL AND FCC COMPLIANCE</i> NW COMMUNICATIONS OF PHOENIX, INC.	400 N. CAPITOL STREET, NW SUITE 890 WASHINGTON, DC 20001 United States	+1 (202) 824-6522	JDISCIPIO@21CF. COM	Legal Representative

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**Channel and Facility Information**

Section	Question	Response
Facility ID	35587	
State	Arizona	
City	PHOENIX	
DTV Channel	10	
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	2

**Primary station proposed to be rebroadcast:**

Facility Id	Call Sign	City	State
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**Antenna Location Data**

Section	Question	Response
<b>Antenna Structure Registration</b>	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1001496
<b>Coordinates (NAD83)</b>	Latitude	33° 20' 03.0" N+
	Longitude	112° 03' 46.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	113.4 meters
	Support Structure Height	89.9 meters
	Ground Elevation (AMSL)	815.0 meters
<b>Antenna Data</b>	Height of Radiation Center Above Ground Level	100 meters
	Height of Radiation Center Above Average Terrain	558 meters
	Height of Radiation Center Above Mean Sea Level	915.0 meters
	Effective Radiated Power	48 kW

**Antenna  
Technical Data**

Section	Question	Response
<b>Antenna Type</b>	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	97300
<b>Antenna Manufacturer and Model</b>	Manufacturer:	DIE
	Model	TF-12HT
	Rotation	0 degrees
	Electrical Beam Tilt	0.75
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
<b>DTV and DTS: Elevation Pattern</b>	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
<b>0</b>	1	<b>90</b>	1	<b>180</b>	1	<b>270</b>	1
<b>10</b>	0.967	<b>100</b>	0.967	<b>190</b>	0.967	<b>280</b>	0.967
<b>20</b>	0.896	<b>110</b>	0.896	<b>200</b>	0.896	<b>290</b>	0.896
<b>30</b>	0.827	<b>120</b>	0.827	<b>210</b>	0.827	<b>300</b>	0.827
<b>40</b>	0.794	<b>130</b>	0.794	<b>220</b>	0.794	<b>310</b>	0.794
<b>50</b>	0.815	<b>140</b>	0.815	<b>230</b>	0.815	<b>320</b>	0.815
<b>60</b>	0.874	<b>150</b>	0.874	<b>240</b>	0.874	<b>330</b>	0.874
<b>70</b>	0.94	<b>160</b>	0.94	<b>250</b>	0.94	<b>340</b>	0.94
<b>80</b>	0.986	<b>170</b>	0.986	<b>260</b>	0.986	<b>350</b>	0.986

**Additional Azimuths**

Degree	V <sub>A</sub>
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**Certification**

Section	Question	Response
<p><b>General Certification Statements</b></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><b>Authorized Party to Sign</b></p>	<p><b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b></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><b>Joseph M Di Scipio</b>  <i>Senior Vice President</i></p> <p>06/18/2018</p>

## Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">Engineering Statement.pdf</a>	Applicant	All Purpose	Engineering Statement
<a href="#">KSAZ-TV EA Supporting Statement 06.12.18 (002).pdf</a>	Applicant	All Purpose	KSAZ-TV EA Supporting Statement