



(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Service: DTV | Purpose: Experimental STA | Status: Superceded | Status Date: 08/02/2018 | Filing Status: InActive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
Experimental STA	MGT	\$190.00
Total		\$190.00

Applicant
Information

Applicant Name, Type, and Contact Information

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

Contact
Representatives
(1)

Contact Name	Address	Phone	Email	Contact Type
JOSEPH M. DI SCIPIO M. DI SCIPIO 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

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

Antenna Location
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1001496
Coordinates (NAD83)	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
Antenna Data	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
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	97300
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TF-12HT
	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	1	90	1	180	1	270	1
10	0.967	100	0.967	190	0.967	280	0.967
20	0.896	110	0.896	200	0.896	290	0.896
30	0.827	120	0.827	210	0.827	300	0.827
40	0.794	130	0.794	220	0.794	310	0.794
50	0.815	140	0.815	230	0.815	320	0.815
60	0.874	150	0.874	240	0.874	330	0.874
70	0.94	160	0.94	250	0.94	340	0.94
80	0.986	170	0.986	260	0.986	350	0.986

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.	Joseph M Di Scipio M Di Scipio <i>Senior Vice President</i> 06/18/2018

Attachments

File Name	Uploaded By	Attachment Type	Description
Engineering Statement.pdf	Applicant	All Purpose	Engineering Statement
KSAZ-TV EA Supporting Statement 06.12.18 (002).pdf	Applicant	All Purpose	KSAZ-TV EA Supporting Statement