



(REFERENCE COPY - Not for submission)

LPTV Engineering STA Application

File Number: **0000113501** | Submit Date: **05/11/2020** | Call Sign: **K16BP-D** | Facility ID: **27723** | FRN: **0005795067** | State: **Arizona** | City: **COTTONWOOD**

Service: **LPD** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **05/15/2020** | Expiration Date:

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
Engineering STA	MGL	\$200.00
Total		\$200.00

**Applicant
Information**

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
FOX TELEVISION STATIONS, LLC Applicant Doing Business As: FOX TELEVISION STATIONS, LLC	Ann West Bobeck 400 N. CAPITOL STREET, NW SUITE 890 WASHINGTON, DC 20001 United States	+1 (202) 824-6503	ann.bobek@fox.com	Other

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
(3)

Contact Name	Address	Phone	Email	Contact Type
Ann West Bobeck <i>VP, FCC Legal and Business Affairs</i> Fox Corporation	Joseph M. Di Scipio 400 N. CAPITOL STREET, NW SUITE 890 Washington, DC 20001 United States	+1 (202) 824-6503	ann.bobek@fox.com	Legal Representative
JOSEPH M. DI SCIPIO M. DI SCIPIO Fox Corporation	Joseph M. Di Scipio 400 N. CAPITOL STREET, NW SUITE 890 WASHIINGTON, DC 20001 United States	+1 (202) 824-6522	joe.discipio@fox.com	Legal Representative
WILLIAM R MEINTEL R MEINTEL Meintel, Sgrignoli & Wallace, LLC	Bill Meintel PO Box 907 WARRENTON, VA 20188 United States	+1 (540) 428-2308	william.meintel@mswtdtv.com	Technical Representative

Channel and Facility Information

Section	Question	Response
Facility ID	27723	
State	Arizona	
City	COTTONWOOD	
LPD Channel	16	

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	34° 41' 12.8" N+
	Longitude	112° 07' 01.5" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	16.8 meters
	Support Structure Height	12.2 meters
	Ground Elevation (AMSL)	2339.9 meters
Antenna Data	Height of Radiation Center Above Ground Level	13.0 meters
	Height of Radiation Center Above Mean Sea Level	2352.9 meters
	Effective Radiated Power	15.0 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	1006224
Antenna Manufacturer and Model	Manufacturer:	KATHREIN
	Model	4x2 750 10210
	Rotation	60 degrees
	Electrical Beam Tilt	1.0
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
Elevation Radiation 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	
	Out-of-Channel Emission Mask:	Stringent

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.741	90	0.835	180	0.261	270	0.054
10	0.853	100	0.821	190	0.192	280	0.097
20	0.908	110	0.883	200	0.137	290	0.115
30	0.878	120	0.907	210	0.119	300	0.136
40	0.814	130	0.845	220	0.098	310	0.189
50	0.829	140	0.726	230	0.054	320	0.262
60	0.941	150	0.591	240	0.056	330	0.358
70	1.000	160	0.457	250	0.076	340	0.471
80	0.942	170	0.350	260	0.052	350	0.606

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.	Ann West Bobeck West Bobeck <i>VP, FCC Legal and Business Affairs</i> 05/11/2020

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>Engineering Statement_STA_05112020_K16BP_D.pdf</u>	Applicant	General Information	Engineering Statement and STA Justification