



(REFERENCE COPY - Not for submission)

LPTV Engineering STA Application

File Number: 0000059674 | Submit Date: 09/19/2018 | Call Sign: K42EY-D | Facility ID: 55523 | FRN: 0005891056 | State: New Mexico | City: ALAMOGORDO

Service: LPD | Purpose: Engineering STA | Status: Granted | Status Date: 11/26/2018 | 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?	Yes
	Indicate reason for fee exemption:	Noncommercial Educational Broadcaster
Waivers	Does this filing request a waiver of the Commission's rule(s)?	No
	Total number of rule sections involved in this waiver request:	

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
REGENTS OF NEW MEXICO STATE UNIVERSITY Applicant Doing Business As: REGENTS OF NEW MEXICO STATE UNIVERSITY	KRWG TV, MSC TV22, MILTON HALL, ROOM 100 NEW MEXICO STATE UNIVERSITY LAS CRUCES, NM 88003 United States	+1 (505) 646-2222	avelarde@ad. nmsu.edu	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
(2)

Contact Name	Address	Phone	Email	Contact Type
TODD D. GRAY D. GRAY GRAY MILLER PERSH LLP	1200 NEW HAMPSHIRE AVE., NW SUITE 410 WASHINGTON, DC 20036 United States	+1 (202) 776-2571	TGRAY@GRAYMILLERPERSH.COM	Legal Representative
Dennis Wallace Wallace Meintel, Sgrignoli, & Wallace, LLC	Dennis Wallace 1282 Smallwood Drive Suite 372 Waldorf, MD 20603 United States	+1 (202) 251-7589	dennis.wallace@mswdtv.com	Technical Representative

Channel and Facility Information

Section	Question	Response
Facility ID	55523	
State	New Mexico	
City	ALAMOGORDO	
LPD Channel	30	

Antenna Location
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1002624
Coordinates (NAD83)	Latitude	32° 52' 21.6" N+
	Longitude	105° 55' 55.1" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	106.7 meters
	Support Structure Height	106.7 meters
	Ground Elevation (AMSL)	1383.8 meters
Antenna Data	Height of Radiation Center Above Ground Level	76 meters
	Height of Radiation Center Above Mean Sea Level	1459.8 meters
	Effective Radiated Power	0.7 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	101599
Antenna Manufacturer and Model	Manufacturer:	SCA
	Model	ODD990528JD
	Rotation	20 degrees
	Electrical Beam Tilt	Not Applicable
	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:	Full Service

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.11	90	0.06	180	0.081	270	1
10	0.094	100	0.057	190	0.086	280	0.867
20	0.091	110	0.054	200	0.09	290	0.654
30	0.089	120	0.054	210	0.091	300	0.734
40	0.082	130	0.059	220	0.099	310	0.965
50	0.08	140	0.061	230	0.129	320	0.936
60	0.07	150	0.068	240	0.2	330	0.628
70	0.07	160	0.07	250	0.449	340	0.298
80	0.065	170	0.075	260	0.806	350	0.158

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.	Adrian Velarde Velarde <i>General Manager</i> 09/19/2018

Attachments

File Name	Uploaded By	Attachment Type	Description
59674.pdf	Internal	All Purpose	
ch30_tvixstudy.pdf	Applicant	General Information	CH30 TVStudy Report - Engineering STA Request
K42EY-D Alamogordo Notification.pdf	Applicant	General Information	T-Mobile Commencement of Operations Letter K42EY-D
K42EY-D ENGINEERING STA REQUEST 091818.pdf	Applicant	General Information	Engineering STA Request - Interim Operations CH 31
K42EY-D Re-notification Notice.pdf	Applicant	General Information	T-Mobile Re-notification Letter
ReferenceCopy.pdf	Applicant	General Information	K42EY-D Displacement Application - Pending CH23 - Same Tech Parameters