



(REFERENCE COPY - Not for submission)

LPTV Translator Engineering STA Application

File Number: **0000024414** | Submit Date: **04/20/2017** | Call Sign: **K18LP-D** | Facility ID: **130751** | FRN: **0005891056**
 State: **New Mexico** | City: **CABALLO**
 Service: **LPT** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **05/02/2017** | Expiration Date: **11/02/2017**
 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:	Governmental entity and noncommercial educational
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 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 (575) 646-2222	avelarde@ad. nmsu.edu	Government Entity

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
Greg Best <i>President</i> Greg Best Consulting, Inc.	16100 Outlook Avenue Stilwell, KS 66085 United States	+1 (816) 792- 2913	gbconsulting54@gmail. com	Technical Representative
Barry S. Persh Gray Miller Persh LLP	1200 New Hampshire Ave., NW Suite 410 Washington, DC 20036 United States	+1 (202) 776- 2458	bpersh@graymillerpersh. com	Legal Representative

Channel and Facility Information

Section	Question	Response
Facility ID	130751	
State	New Mexico	
City	CABALLO	
LPT Channel	28	

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	32° 58' 03.2" N+
	Longitude	107° 13' 37.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	57.9 meters
	Support Structure Height	57.9 meters
	Ground Elevation (AMSL)	2306 meters
Antenna Data	Height of Radiation Center Above Ground Level	15.2 meters
	Height of Radiation Center Above Mean Sea Level	2321.2 meters
	Effective Radiated Power	1.00 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1001211
Antenna Manufacturer and Model	Manufacturer:	KATHREIN SCALA
	Model	K72314 ARRAY
	Rotation	0 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:	Stringent

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	.97	90	.127	180	.652	270	.437
10	.906	100	.172	190	.802	280	.375
20	.801	110	.167	200	.911	290	.374
30	.646	120	.118	210	.977	300	.453
40	.465	130	.072	220	1.0	310	.607
50	.277	140	.063	230	.98	320	.778
60	.131	150	.135	240	.906	330	.896
70	.064	160	.287	250	.773	340	.963
80	.077	170	.476	260	.589	350	.987

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>Glen T. Cerny <i>Executive Director of University Broadcasting</i></p> <p>04/20/2017</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>20170503085215-910.pdf</u>	Internal	All Purpose	
<u>24414.pdf</u>	Internal	All Purpose	
<u>KRWG IX Acceptance letter--K28GJ.pdf</u>	Applicant	General Information	Interference Acceptance Agreement between licensees of K28GJ-D & K18LP-D.
<u>RFR Exhibit STA.doc</u>	Applicant	All Purpose	RF Exposure Analysis for STA Facility.
<u>STA Request.doc</u>	Applicant	All Purpose	Explanation of circumstances surrounding STA request for operation at variance to license.