



(REFERENCE COPY - Not for submission)

# LPTV Engineering STA Application

File Number: **0000040092** | Submit Date: **01/11/2018** | Call Sign: **K48AY-D** | Facility ID: **43383** | FRN: **0001591460** | State: **Arizona** | City: **KINGMAN**  
Service: **LPD** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **03/05/2018** | Expiration Date: |  
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?	Yes
	Indicate reason for fee exemption:	Governmental Entity
<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:	

**Applicant Information**

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

<b>Applicant</b>	<b>Address</b>	<b>Phone</b>	<b>Email</b>	<b>Applicant Type</b>
<b>MOHAVE COUNTY BOARD OF SUPERVISORS Applicant</b> Doing Business As: MOHAVE COUNTY BOARD OF SUPERVISORS	PO BOX 7000 KINGMAN, AZ 86402 United States	+1 (928) 753- 0729	kkeane@duanemorris. 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  
(2)**

Contact Name	Address	Phone	Email	Contact Type
<b>Louis R duTreil R duTreil</b> duTreil Lundin & Rackley Inc	3135 Southgate Circle Sarasota, FL 34239 United States	+1 (941) 329- 6004	bobjr@DLR.com	Technical Representative
<b>William K. Keane K. Keane</b> Duane Morris LLP	3135 Southgate Circle Suite 1000 Washington, DC 20004 United States	+1 (202) 776- 5243	KKEANE@DUANEMORRIS. COM	Legal Representative

**Channel and Facility Information**

Section	Question	Response
Facility ID	43383	
State	Arizona	
City	KINGMAN	
LPD Channel	29	

**Antenna Location Data**

Section	Question	Response
<b>Antenna Structure Registration</b>	Do you have an FCC Antenna Structure Registration (ASR) Number?	No
	ASR Number	
<b>Coordinates (NAD83)</b>	Latitude	35° 04' 53.0" N+
	Longitude	113° 54' 16.8" W-
	Structure Type	LTOWER-Lattice Tower
	Overall Structure Height	12 meters
	Support Structure Height	12 meters
	Ground Elevation (AMSL)	2557 meters
<b>Antenna Data</b>	Height of Radiation Center Above Ground Level	10 meters
	Height of Radiation Center Above Mean Sea Level	2567 meters
	Effective Radiated Power	.94 kW

**Antenna  
Technical Data**

Section	Question	Response
<b>Antenna Type</b>	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	
<b>Antenna Manufacturer and Model</b>	Manufacturer:	KAT
	Model	4x3 750 10210
	Rotation	0 degrees
	Electrical Beam Tilt	1
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
<b>Elevation Radiation 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	
	Out-of-Channel Emission Mask:	Full Service

**Directional Antenna Relative Field Values (Pre-rotated Pattern)**

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	.909	90	.924	180	.12	270	.977
10	.999	100	.989	190	.059	280	.998
20	.933	110	.991	200	.111	290	.964
30	.801	120	.983	210	.205	300	.825
40	.813	130	.919	220	.24	310	.767
50	.932	140	.713	230	.356	320	.902
60	.909	150	.438	240	.627	330	.956
70	.758	160	.275	250	.854	340	.842
80	.774	170	.216	260	.95	350	.79

**Additional Azimuths**

Degree	V <sub>A</sub>
11	1

**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>Mike Hendrix Hendrix</b> <i>County Manager</i></p> <p>01/11/2018</p>

**Attachments**

<b>File Name</b>	<b>Uploaded By</b>	<b>Attachment Type</b>	<b>Description</b>
<a href="#"><u>40092.pdf</u></a>	Internal	All Purpose	
<a href="#"><u>K48AY_29_RF_Hazard_Statement.pdf</u></a>	Applicant	All Purpose	RF HAZARD STATEMENT
<a href="#"><u>K48AY_29_STA_Request.pdf</u></a>	Applicant	General Information	STA REQUEST
<a href="#"><u>K48AY_Re-notification Notice For 43383.pdf</u></a>	Applicant	All Purpose	WIRELESS CARRIER 120-DAY LETTER