



(REFERENCE COPY - Not for submission)

LPTV Engineering STA Application

File Number: **0000067651** | Submit Date: **02/01/2019** | Call Sign: **KRTN-LD** | Facility ID: **55059** | FRN: **0019509470**
 State: **New Mexico** | City: **ALBUQUERQUE**
 Service: **LPD** | Purpose: **Engineering STA** | Status: **Pending** | Status Date: **02/04/2019** | Filing Status: **Active**

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
RAMAR COMMUNICATIONS, INC. Applicant Doing Business As: RAMAR COMMUNICATIONS, INC.	9800 UNIVERSITY AVENUE PO BOX 3757 LUBBOCK, TX 79423 United States	+1 (806) 748-9300	bmoran@ramarcom.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
DENNIS P. Corbett Telecommunications Law Professionals PLLC	1025 Connecticut Ave, NW Suite 1011 WASHINGTON, DC 20036 United States	+1 (202) 789-3115	DCORBETT@telecomlawpros. com	Legal Representative
Joseph M. Davis , P.E. . <i>Consulting Engineer</i> Chesapeake RF Consultants, LLC	207 Old Dominion Road Yorktown, VA 23692 United States	+1 (703) 650-9600	Joseph.Davis@RF- consultants.com	Technical Representative

Channel and Facility Information

Section	Question	Response
Facility ID	55059	
State	New Mexico	
City	ALBUQUERQUE	
LPD Channel	18	

Primary station proposed to be rebroadcast:

Facility Id	Call Sign	City	State
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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	35° 12' 51.1" N+
	Longitude	106° 27' 04.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	24 meters
	Support Structure Height	24 meters
	Ground Elevation (AMSL)	3220 meters
Antenna Data	Height of Radiation Center Above Ground Level	21 meters
	Height of Radiation Center Above Mean Sea Level	3241 meters
	Effective Radiated Power	15 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	118718
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TUA-P2-4/8H-1-K
	Rotation	0 degrees
	Electrical Beam Tilt	2.5
	Mechanical Beam Tilt	1.5
	toward azimuth	230
	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	0.52	90	0.427	180	0.386	270	0.546
10	0.718	100	0.162	190	0.553	280	0.269
20	0.826	110	0.117	200	0.668	290	0.194
30	0.93	120	0.106	210	0.814	300	0.142
40	0.995	130	0.074	220	0.939	310	0.066
50	0.963	140	0.081	230	0.989	320	0.06
60	0.85	150	0.094	240	0.941	330	0.126
70	0.704	160	0.1	250	0.832	340	0.169
80	0.578	170	0.126	260	0.741	350	0.241

Additional Azimuths

Degree	V _A
42	1
156	0.111
114	0.128

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>Brad Moran <i>President</i></p> <p>02/01/2019</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>KRTN-LD Albuquerque Ch-18 STA request ENG 02-01-2019.pdf</u>	Applicant	General Information	KRTN-LD STA engineering exhibits
<u>T-Mobile KRTN-LD Licensee.pdf</u>	Applicant	All Purpose	120 day letter from 600 MHz licensee