



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000151440 | Submit Date: 07/01/2021 | Call Sign: KRTN-TV | Facility ID: 82613 | FRN: 0019509470 | State: Colorado | City: DURANGO

Service: DTV | Purpose: Engineering STA | Status: Dismissed | Status Date: 07/08/2021 | 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	MGT	\$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.	Brad Moran 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
ESQ DENNIS P. CORBETT P. CORBETT , ESQ . Telecommunications Law Professionals PLLC	1025 Connecticut Avenue, NW Suite 1011 WASHINGTON, DC 20036 United States	+1 (202) 789-3115	DCorbett@tlp.law	Legal Representative
P.E. Joseph M. Davis M. Davis , P.E. . 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
Proposed Community of License	Facility ID	82613
	State	Colorado
	City	DURANGO
	DTV Channel	33
	Designated Market Area	Albuquerque-Santa Fe
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	2

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	37° 15' 46.0" N+
	Longitude	107° 54' 00.2" W-
	Structure Type	LTOWER-Lattice Tower
	Overall Structure Height	57 meters
	Support Structure Height	57 meters
	Ground Elevation (AMSL)	2347.9 meters
Antenna Data	Height of Radiation Center Above Ground Level	14 meters
	Height of Radiation Center Above Average Terrain	82.5 meters
	Height of Radiation Center Above Mean Sea Level	2361.9 meters
	Effective Radiated Power	32 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1008361
Antenna Manufacturer and Model	Manufacturer:	RFS
	Model	RD-08SK
	Rotation	0 degrees
	Electrical Beam Tilt	1.5
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
DTV and DTS: Elevation 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	

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.914	90	0.868	180	0.337	270	0.309
10	0.950	100	0.813	190	0.386	280	0.322
20	0.976	110	0.743	200	0.433	290	0.380
30	0.994	120	0.659	210	0.465	300	0.467
40	1.000	130	0.565	220	0.476	310	0.565
50	0.994	140	0.467	230	0.465	320	0.659
60	0.976	150	0.380	240	0.433	330	0.743
70	0.950	160	0.322	250	0.386	340	0.813
80	0.914	170	0.309	260	0.337	350	0.868

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	<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>	
	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.	<p>Brad Moran Moran <i>President</i></p> <p>07/01/2021</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
Ramar KRTN-TV STA Exhibit (00182897xC33F1).pdf	Applicant	General Information	KRTN-TV STA Narrative