



(REFERENCE COPY - Not for submission)

Amendment to a DTV Engineering STA Application

File Number: **0000107543** | Submit Date: **03/12/2020** | Call Sign: **KQDS-TV** | Facility ID: **35525** | FRN: **0034576454** |

State: **Minnesota** | City: **DULUTH**

Service: **DTV** | Purpose: **Engineering STA Amendment** | Status: **Granted** | Status Date: **04/20/2020** | Expiration Date: **10/28/2020** | 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:	

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
KQDS ACQUISITION CORP. Doing Business As: KQDS ACQUISITION CORP.	Kathy Lau P. O. BOX 9115 FARGO, ND 58106 United States	+1 (701) 277-1515	KLAU@KVRR.COM	Corporation

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
(1)

Contact Name	Address	Phone	Email	Contact Type
CHARLES R. NAFTALIN , ESQ . HOLLAND & KNIGHT LLP	800 17TH STREET, N.W. SUITE 1100 WASHINGTON, DC 20006 United States	+1 (202) 457- 7040	CHARLES. NAFTALIN@HKLAW.COM	Legal Representative

Channel and
Facility
Information

Section	Question	Response
Proposed Community of License	Facility ID	35525
	State	Minnesota
	City	DULUTH
	DTV Channel	18
	Designated Market Area	Duluth-Superior
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?	Yes
	ASR Number	1203847
Coordinates (NAD83)	Latitude	46° 47' 37.0" N+
	Longitude	092° 07' 04.0" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	240.5 meters
	Support Structure Height	211.4 meters
	Ground Elevation (AMSL)	377.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	152.4 meters
	Height of Radiation Center Above Average Terrain	210.9 meters
	Height of Radiation Center Above Mean Sea Level	529.4 meters
	Effective Radiated Power	612.3 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1006546
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TFU-22JSC/VP-R C170
	Rotation	0 degrees
	Electrical Beam Tilt	0.75
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Elliptical
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	.365	90	.365	180	.949	270	.949
10	.251	100	.512	190	.926	280	.976
20	.204	110	.663	200	.910	290	.916
30	.219	120	.797	210	.902	300	.997
40	.241	130	.901	220	.900	310	.968
50	.241	140	.968	230	.900	320	.901
60	.219	150	.997	240	.902	330	.797
70	.204	160	.996	250	.910	340	.663
80	.251	170	.976	260	.926	350	.512

Additional Azimuths

Degree	V _A
153	1.000

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.	Kathy Lau <i>Chief Operating Officer</i> 03/12/2020

Attachments

File Name	Uploaded By	Attachment Type	Description
Amendment to Engineering STA.pdf	Applicant	Amendment	Amendment to Engineering STA
KQDS-TV Request for Authority for Interim Channel 18 Operation.pdf	Applicant	General Information	KQDS - TV Request for Authority for Interim Channel 18 Operation