



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **BDSTA-20150702ABE** | Submit Date: **07/02/2015** | Call Sign: **KAVU-TV** | Facility ID: **73101** | FRN:
0026531335 | State: **Texas** | City: **VICTORIA**

Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **07/13/2015** | Expiration Date: |

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)?	
	Total number of rule sections involved in this waiver request:	

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
SAGA COMMUNICATIONS, INC. Applicant Doing Business As: SAGA COMMUNICATIONS, INC.	73 KERCHEVAL AVENUE GROSSE POINTE FARMS, MI 48236 United States	+1 (313) 886-7070	MLOBAITO@SAGACOM.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
BENJAMIN PIDEK, P.E. CONSULTING ENGINEER	MID-STATE CONSULTANTS PO BOX 430 LENNON, MI 48449 United States	+1 (810) 621- 5656	BPIDEK@MSCON.COM	Technical Representative
GARY S. SMITHWICK, ESQUIRE SMITHWICK & BELENDIUK, P.C.	5028 WISCONSIN AVENUE, N.W. SUITE 301 WASHINGTON, DC 20016 United States	+1 (202) 363- 4560	GSMITHWICK@FCCWORLD. COM	Legal Representative

Channel and
Facility
Information

Section	Question	Response
Proposed Community of License	Facility ID	73101
	State	Texas
	City	VICTORIA
	DTV Channel	15
	Designated Market Area	Victoria
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	3

Antenna Location
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1238711
Coordinates (NAD83)	Latitude	28° 50' 43.4" N+
	Longitude	097° 07' 34.0" W-
	Structure Type	
	Overall Structure Height	317 meters
	Support Structure Height	
	Ground Elevation (AMSL)	43 meters
Antenna Data	Height of Radiation Center Above Ground Level	308 meters
	Height of Radiation Center Above Average Terrain	312 meters
	Height of Radiation Center Above Mean Sea Level	351 meters
	Effective Radiated Power	450 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	121737
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TUA-O4SP-14/55H-1-T-R
	Rotation	0 degrees
	Electrical Beam Tilt	0.5
	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	0.844	90	0.897	180	0.899	270	0.963
10	0.905	100	0.969	190	0.968	280	0.999
20	0.854	110	0.911	200	0.928	290	0.946
30	0.735	120	0.764	210	0.765	300	0.857
40	0.745	130	0.765	220	0.667	310	0.859
50	0.894	140	0.923	230	0.804	320	0.883
60	0.895	150	0.931	240	0.909	330	0.751
70	0.742	160	0.77	250	0.855	340	0.581
80	0.74	170	0.756	260	0.861	350	0.669

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	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.	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	JEFF PRYOR

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>1682271_1309301.txt</u>	Applicant	All Purpose	EXPLANATION FOR STA REQUEST