



(REFERENCE COPY - Not for submission)

# DTV Engineering STA Application

File Number: **0000059690** | Submit Date: **09/19/2018** | Call Sign: **KSWB-TV** | Facility ID: **58827** | FRN: **0005047105** |

State: **California** | City: **SAN DIEGO**

Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **09/25/2018** | 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)?	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
<b>KSWB, LLC</b> <b>Applicant</b> Doing Business As: KSWB, LLC	Kyle Majors 7191 ENGINEER ROAD SAN DIEGO, CA 92111 United States	+1 (858) 492-9269	Kyle@Fox5SanDiego.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  
(3)

Contact Name	Address	Phone	Email	Contact Type
<b>Louis R duTreil , Jr .</b> <i>Technical Consultant</i> duTreil Lundin & Rackley Inc	3135 Southgate Circle Sarasota, FL 34239 United States	+1 (941) 329- 6004	bobjr@DLR.com	Technical Consultant
<b>Kyle Majors Majors</b> KSWB, LLC	Kyle Majors 7191 ENGINEER ROAD SAN DIEGO, CA 92111 United States	+1 (858) 492- 9269	Kyle@Fox5SanDiego. com	Technical Representative
<b>Jason Roberts Roberts</b> TRIBUNE MEDIA COMPANY	Jason S Roberts 303 E. Wacker Drive Suite 1700 Chicago, IL 60601 United States	+1 (312) 222- 3894	jroberts@tribunemedia. com	Legal Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	58827
	State	California
	City	SAN DIEGO
	DTV Channel	19
	Designated Market Area	San Diego
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	1011527
Coordinates (NAD83)	Latitude	32° 41' 47.0" N+
	Longitude	116° 56' 10.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	68.2 meters
	Support Structure Height	45.7 meters
	Ground Elevation (AMSL)	781.2 meters
Antenna Data	Height of Radiation Center Above Ground Level	25 meters
	Height of Radiation Center Above Average Terrain	567 meters
	Height of Radiation Center Above Mean Sea Level	806.2 meters
	Effective Radiated Power	294 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1004132
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TUP-C2-4/8H-S
	Rotation	0 degrees
	Electrical Beam Tilt	2.9
	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	0.834	90	.076	180	.105	270	.876
10	0.96	100	.062	190	.104	280	.976
20	0.969	110	.07	200	.091	290	.987
30	0.88	120	.079	210	.077	300	.9
40	0.745	130	.037	220	.145	310	.793
50	0.595	140	.044	230	.256	320	.829
60	.446	150	.069	240	.405	330	.891
70	.291	160	.079	250	.544	340	.825
80	.159	170	.025	260	.692	350	.746

Additional Azimuths

Degree	V <sub>A</sub>
287	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	<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b> 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.	<b>Scott Heath Heath</b> <i>Vice President/General Manager</i>  09/19/2018

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">KSWB 19 STA Coverage Map.pdf</a>	Applicant	All Purpose	PREDICTED COVERAGE CONTOURS
<a href="#">KSWB 19 STA RF Hazard Statement.pdf</a>	Applicant	All Purpose	RF HAZARD STATEMENT
<a href="#">KSWB 19 STA Technical Summary.pdf</a>	Applicant	General Information	TECHNICAL SUMMARY