



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000218205 | Submit Date: 07/20/2023 | Call Sign: WSCG | Facility ID: 69446 | FRN: 0005077524 | State: Georgia | City: BAXLEY

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 07/24/2023 | Expiration Date: 01/23/2024 |

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	MPV	\$300.00
Total		\$300.00

**Applicant  
Information**

**Applicant Name, Type, and Contact Information**

Applicant	Address	Phone	Email	Applicant Type
RADIANT LIFE MINISTRIES, INC.	PO BOX 1010 MARION, IL 62959 United States	+1 (618) 997-4700	MJD@TCT.TV	Not-for-Profit

**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
Joseph C. Chautin III, Esq. Hardy, Carey, Chautin & Balkin, LLP	1080 West Causeway Approach Mandeville, LA 70471 United States	+1 (985) 629- 0777	jchautin@hardycarey. com	Legal Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	69446
	State	Georgia
	City	BAXLEY
	DTV Channel	35
	Designated Market Area	Savannah
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	1032657
Coordinates (NAD83)	Latitude	32° 02' 46.0" N+
	Longitude	081° 20' 26.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	467.0 meters
	Support Structure Height	447.4 meters
	Ground Elevation (AMSL)	4.3 meters
Antenna Data	Height of Radiation Center Above Ground Level	351 meters
	Height of Radiation Center Above Average Terrain	349 meters
	Height of Radiation Center Above Mean Sea Level	355.3 meters
	Effective Radiated Power	1000 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	77877
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TFU-32DSB-G
	Rotation	0 degrees
	Electrical Beam Tilt	0.75
	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	0.868	90	0.806	180	0.568	270	0.917
10	0.876	100	0.822	190	0.561	280	0.823
20	0.87	110	0.842	200	0.588	290	0.721
30	0.854	120	0.86	210	0.668	300	0.632
40	0.832	130	0.861	220	0.789	310	0.58
50	0.809	140	0.839	230	0.899	320	0.607
60	0.791	150	0.79	240	0.973	330	0.685
70	0.788	160	0.71	250	1	340	0.77
80	0.796	170	0.618	260	0.98	350	0.836

Additional Azimuths

Degree	V <sub>A</sub>
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## Certification

Section	Question	Response
<b>General Certification Statements</b>	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.	
<b>Authorized Party to Sign</b>	<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>Michael J Daly</b> <i>Vice-President, Legal</i>  07/20/2023

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>WSCG Engineering STA Expl.pdf</u>	Applicant	General Information	STA Explanation