



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000055269 | Submit Date: 06/18/2018 | Call Sign: WRFB | Facility ID: 54443 | FRN: 0001729847 | State: Puerto Rico | City: CAROLINA

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 06/29/2018 | 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	\$190.00
Total		\$190.00

Applicant  
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
Telecinco, Inc. Applicant Doing Business As: Telecinco, Inc.	Jose A. Vizcarrondo P.O. Box 43 Mayaguez, PR 00681 United States	+1 (787) 831-0071	Lrosa@telecincoinc.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
<b>PE Alejandro Luciano Luciano</b> , PE . Alejandro Luciano PE	Alejandro Luciano PE PO Box 194528 SAN JUAN, PR 00919 United States	+1 (787) 717- 6984	aluciano@aluciano. com	Technical Representative
<b>Lee G. Petro G. Petro</b> Drinker Biddle & Reath, LLP	1500 K Street, N.W. Suite 1100 Washington, DC 20005 United States	+1 (202) 230- 5857	Lee.Petro@dbr.com	Legal Representative

Channel and  
Facility  
Information

Section	Question	Response
Proposed Community of License	Facility ID	54443
	State	Puerto Rico
	City	CAROLINA
	DTV Channel	30
	Designated Market Area	NA
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	1010775
Coordinates (NAD83)	Latitude	18° 16' 25.0" N+
	Longitude	066° 05' 40.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	69.5 meters
	Support Structure Height	68.6 meters
	Ground Elevation (AMSL)	450.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	27.5 meters
	Height of Radiation Center Above Average Terrain	273.5 meters
	Height of Radiation Center Above Mean Sea Level	477.5 meters
	Effective Radiated Power	40 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	1003577
Antenna Manufacturer and Model	Manufacturer:	SIRA
	Model	UTV01 x 1 x 2
	Rotation	20 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	1.0	90	0.977	180	0.024	270	0.001
10	00.94	100	1.0	190	0.001	280	0.001
20	0.839	110	0.939	200	0.001	290	0.12
30	0.739	120	0.803	210	0.001	300	0.237
40	0.895	130	0.636	220	0.001	310	0.348
50	0.999	140	0.485	230	0.001	320	0.485
60	0.895	150	0.348	240	0.001	330	0.636
70	0.789	160	0.237	250	0.001	340	0.803
80	0.939	170	0.12	260	0.001	350	0.937

Additional Azimuths

Degree	V <sub>A</sub>
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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	<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>Jose Vizcarrondo</b> <b>Vizcarrondo</b> <i>President</i>  06/18/2018

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">STA Narrative.pdf</a>	Applicant	All Purpose	STA Justification