



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000203616 | Submit Date: 11/15/2022 | Call Sign: WRFB | Facility ID: 54443 | FRN: 0001729847 | State: Puerto Rico | City: CAROLINA

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 11/22/2022 | Expiration Date: 05/21/2023 |

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	\$270.00
Total		\$270.00

**Applicant
Information**

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
Telecinco, Inc.	Lymaris Rosa PO Box 43 Mayaguez, PR 00681 United States	+1 (787) 721-4054	Lrosa@telecincoinc.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
(2)

Contact Name	Address	Phone	Email	Contact Type
Alejandro Luciano , PE . Consulting Engineer Alejandro Luciano PE	Alejandro Luciano PO Box 194528 SAN JUAN, PR 00919 United States	+1 (787) 717- 6984	aluciano@aluciano. com	Technical Representative
Lee G. Petro FCC Legal Representative Pillsbury Winthrop Shaw Pittman LLP	1200 Seventeenth Street NW Washington, DC 20036 United States	+1 (202) 663- 8113	Lee. Petro@PillsburyLaw. 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?	No
	ASR Number	
Coordinates (NAD83)	Latitude	18° 16' 26.1" N+
	Longitude	066° 05' 40.4" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	77.1 meters
	Support Structure Height	76.2 meters
	Ground Elevation (AMSL)	449.9 meters
Antenna Data	Height of Radiation Center Above Ground Level	67.8 meters
	Height of Radiation Center Above Average Terrain	305.8 meters
	Height of Radiation Center Above Mean Sea Level	517.7 meters
	Effective Radiated Power	40 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1010234
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TFU-24DSB-R W DC
	Rotation	85 degrees
	Electrical Beam Tilt	1.5
	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	1.00	90	0.950	180	0.230	270	0.950
10	0.980	100	0.870	190	0.220	280	0.980
20	0.960	110	0.770	200	0.210	290	0.990
30	0.930	120	0.630	210	0.230	300	0.970
40	0.930	130	0.470	220	0.350	310	0.940
50	0.940	140	0.350	230	0.470	320	0.930
60	0.970	150	0.230	240	0.630	330	0.930
70	0.990	160	0.210	250	0.770	340	0.960
80	0.980	170	0.220	260	0.870	350	0.980

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.	Yes
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	Andres Ramirez de Arellano <i>President</i> 11/15/2022

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>WRFB - Reduced Facility STA - Nov 2022.pdf</u>	Applicant	General Information	STA Narrative