



(REFERENCE COPY - Not for submission)

LPTV Engineering STA Application

File Number: | Submit Date: 03/01/2021 | Facility ID: 183173 | FRN: 0019036516 | State: Puerto Rico | City: MAYAGUEZ

Service: LPD | Purpose: Engineering STA | Status: Granted | Status Date: 03/09/2021 | Expiration Date: |

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:	

Applicant  
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
RAMON A HERNANDEZ Applicant Doing Business As: RAMON A HERNANDEZ	RAMON A HERNANDEZ PO BOX 4956 PMB 2024 CAGUAS, PR 00726 United States	+1 (787) 223-4562	MCOLON@ENCANTOTV.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
PE Alejandro Luciano Luciano , PE . Alejandro Luciano PE	Alejandro Luciano PE PO Box 194528 SAN JUAN, PR 00919-4528 United States	+1 (787) 717-6984	aluciano@aluciano.com	Technical Representative
LEE J PELTZMAN J PELTZMAN SHAINIS & PELTZMAN CHARTERED	LEE J. PELTZMAN 1850 M STREET NW SUITE #240 WASHINGTON, DC 20036 United States	+1 (202) 293-0011	LEE@S-PLAW.COM	Legal Representative

Channel and Facility Information

Section	Question	Response
Facility ID	183173	
State	Puerto Rico	
City	MAYAGUEZ	
LPD Channel		

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° 18' 59.8" N+
	Longitude	067° 10' 46.6" W-
	Structure Type	NNGTANN-Guyed Tower Array
	Overall Structure Height	61 meters
	Support Structure Height	1.5 meters
	Ground Elevation (AMSL)	350 meters
Antenna Data	Height of Radiation Center Above Ground Level	25 meters
	Height of Radiation Center Above Mean Sea Level	375 meters
	Effective Radiated Power	1.0 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	110230
Antenna Manufacturer and Model	Manufacturer:	SCA
	Model	CL-24 ARRAY
	Rotation	0 degrees
	Electrical Beam Tilt	0.5
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
Elevation Radiation 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	
	Out-of-Channel Emission Mask:	Full Service

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.683	90	0.208	180	0.683	270	0.02
10	0.842	100	0.327	190	0.498	280	0.02
20	0.941	110	0.48	200	0.337	290	0.025
30	1	120	0.663	210	0.15	300	0.05
40	0.941	130	0.837	220	0.079	310	0.067
50	0.837	140	0.941	230	0.067	320	0.079
60	0.663	150	1	240	0.05	330	0.15
70	0.48	160	0.941	250	0.025	340	0.337
80	0.327	170	0.842	260	0.2	350	0.498

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>Alejandro Luciano Luciano</b> <i>Consulting Engineer</i>  03/01/2021

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>W02CU-D Mayaguez Request for Special Temporary Authority 02-21-2021.pdf</u>	Applicant	General Information	W02CU-D reduced facilities sta application narrative