



(REFERENCE COPY - Not for submission)

# LPTV Engineering STA Application

File Number: **0000114173** | Submit Date: **05/21/2020** | Call Sign: **W24EI-D** | Facility ID: **188814** | FRN: **0019036516**  
State: **Puerto Rico** | City: **Naranjito**  
Service: **LPD** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **06/25/2020** | Expiration Date: **12/24/2020**  
Filing Status: **Active**

## General Information

Section	Question	Response
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## Fees, Waivers, and Exemptions

Section	Question	Response
<b>Fees</b>	Is the applicant exempt from FCC application Fees?	Yes
	Indicate reason for fee exemption:	APPLICATION MADE NECESSARY BY SERIES OF NATURAL DISASTER EVENTS
<b>Waivers</b>	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**

<b>Applicant</b>	<b>Address</b>	<b>Phone</b>	<b>Email</b>	<b>Applicant Type</b>
<b>RAMON A HERNANDEZ OWNER</b> 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

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**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>GRAFTON OLIVERA</b> <i>CONSULTING ENGINEER</i> GRAFTON OLIVERA	GRAFTON OLIVERA 5119 60TH DRIVE E Bradenton, FL 34203 United States	+1 (941) 323- 0381	GRAFTON. OLIVERA@ME.COM	Technical Representative
<b>LEE J PELTZMAN</b> 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	188814	
State	Puerto Rico	
City	Naranjito	
LPD Channel	4	

**Antenna Location Data**

Section	Question	Response
<b>Antenna Structure Registration</b>	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1017057
<b>Coordinates (NAD83)</b>	Latitude	18° 10' 20.7" N+
	Longitude	066° 35' 30.1" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	68.6 meters
	Support Structure Height	61.3 meters
	Ground Elevation (AMSL)	1325.0 meters
<b>Antenna Data</b>	Height of Radiation Center Above Ground Level	30 meters
	Height of Radiation Center Above Mean Sea Level	1355.0 meters
	Effective Radiated Power	1.0 kW

**Antenna  
Technical Data**

Section	Question	Response
<b>Antenna Type</b>	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	1003126
<b>Antenna Manufacturer and Model</b>	Manufacturer:	Kathrein
	Model	CL-46
	Rotation	260 degrees
	Electrical Beam Tilt	0
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
<b>Elevation Radiation Pattern</b>	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	.898	90	.298	180	.029	270	.298
10	.927	100	.117	190	.044	280	.459
20	.917	110	.068	200	.052	290	.649
30	.951	120	.066	210	.054	300	.824
40	1.00	130	.059	220	.056	310	.932
50	.932	140	.056	230	.059	320	1.00
60	.824	150	.054	240	.066	330	.951
70	.649	160	.052	250	.068	340	.917
80	.459	170	.044	260	.117	350	.927

**Additional Azimuths**

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

Section	Question	Response
<p><b>General Certification Statements</b></p>	<p>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.).</p>	
	<p>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.</p>	
<p><b>Authorized Party to Sign</b></p>	<p><b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b></p> <p>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.</p> <p>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).</p>	
	<p>I certify that this application includes all required and relevant attachments.</p>	<p>Yes</p>
	<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p><b>RAMON A HERNANDEZ</b> <i>OWNER</i></p> <p>05/21/2020</p>

## Attachments

File Name	Uploaded By	Attachment Type	Description
<u><a href="#">FIG. 1 - CP &amp; Eng. STA Coverage W24EI-D [W04DV-D].pdf</a></u>	Applicant	General Information	FIGURE 1 - LIC/CP & ENG. STA COVERAGE
<u><a href="#">W24EI-D - REASONS FOR REQUESTING ENG. STA. &amp; NOTIFICATION OF RESUMPTION OF OPERATIONS.pdf</a></u>	Applicant	General Information	REASONS FOR ENG. STA & NOTIFICATION OF RESUMPTION OF OPERATIONS