



(REFERENCE COPY - Not for submission)

# LPTV Engineering STA Application

File Number: **0000063828** | Submit Date: **11/29/2018** | Call Sign: **W08EJ-D** | Facility ID: **181399** | FRN: **0019054725**  
 State: **Puerto Rico** | City: **ANASCO**  
 Service: **LPD** | Purpose: **Engineering STA** | Status: **Pending** | Status Date: **11/30/2018** | 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?	No
	Indicate reason for fee exemption:	
<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:	

Application Type	Fee Code	Fee Amount
Engineering STA	MGL	\$200.00
<b>Total</b>		<b>\$200.00</b>

**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>ALEJANDRO LUCIANO</b> Doing Business As: ALEJANDRO LUCIANO	Alejandro Luciano PE PO Box 00919 SAN JUAN, PR 00919 United States	+1 (787) 717- 6984	ALUCIANO@ALUCIANO. COM	Individual

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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  
(1)**

Contact Name	Address	Phone	Email	Contact Type
<b>Alejandro Luciano , PE .</b> <i>Alejandro Luciano PE</i>	ALEJANDRO LUCIANO	+1 (787) 717- 6984	ALUCIANO@ALUCIANO. COM	SOLE OWNER
ALEJANDRO LUCIANO PE	PO BOX 194528 SAN JUAN, PR 00919 United States			

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**Channel and Facility Information**

Section	Question	Response
Facility ID	181399	
State	Puerto Rico	
City	ANASCO	
LPD Channel	8	

**Antenna Location Data**

Section	Question	Response
<b>Antenna Structure Registration</b>	Do you have an FCC Antenna Structure Registration (ASR) Number?	No
	ASR Number	
<b>Coordinates (NAD83)</b>	Latitude	18° 18' 45.6" N+
	Longitude	067° 10' 55.9" W-
	Structure Type	UTOWER-Unguyed - Free Standing Tower
	Overall Structure Height	31.7 meters
	Support Structure Height	30.48 meters
	Ground Elevation (AMSL)	359 meters
<b>Antenna Data</b>	Height of Radiation Center Above Ground Level	28 meters
	Height of Radiation Center Above Mean Sea Level	387 meters
	Effective Radiated Power	0.100 kW

**Antenna  
Technical Data**

Section	Question	Response
<b>Antenna Type</b>	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	98354
<b>Antenna Manufacturer and Model</b>	Manufacturer:	SCA
	Model	CL-713 ARRAY
	Rotation	0 degrees
	Electrical Beam Tilt	Not Applicable
	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:	Stringent

**Directional Antenna Relative Field Values (Pre-rotated Pattern)**

Degree	V <sub>A</sub> (Authorized Value)	Degree	V <sub>A</sub> (Authorized Value)	Degree	V <sub>A</sub> (Authorized Value)	Degree	V <sub>A</sub> (Authorized Value)
0	1	90	0.013	180	0.282	270	0.013
10	0.944	100	0.013	190	0.217	280	0.013
20	0.804	110	0.019	200	0.14	290	0.013
30	0.596	120	0.12	210	0.034	300	0.016
40	0.352	130	0.197	220	0.023	310	0.038
50	0.033	140	0.272	230	0.013	320	0.359
60	0.013	150	0.321	240	0.013	330	0.602
70	0.013	160	0.343	250	0.013	340	0.807
80	0.013	170	0.326	260	0.013	350	0.946

**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>Alejandro Luciano , P.E. .</b>  <i>SOLE OWNER</i></p> <p>11/29/2018</p>

## Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">W08EJ-D_STA_REQUESTII.pdf</a>	Applicant	General Information	W08EJ-D Engineering STA Request