

**FEDERAL COMMUNICATIONS COMMISSION**  
**445 TWELFTH STREET SW**  
**WASHINGTON DC 20554**

**MEDIA BUREAU**  
**AUDIO DIVISION**  
**APPLICATION STATUS:** (202) 418-2730  
**HOME PAGE:** : [www.fcc.gov/media/radio/audio-division](http://www.fcc.gov/media/radio/audio-division)

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August 26, 2019

Dr. Jose Martinez, President  
Radio Vision Cristiana Management  
PO Box 2908  
Paterson, NJ 07509

Re: Radio Vision Cristiana Management (RVCM)  
WWCL (AM), Lehigh Acres, FL  
Facility Identification Number: 50233  
Special Temporary Authorization (STA)  
BESTA-20190809AAT

Dear Mr. Martinez:

This is in reference to the request filed on August 9, 2019. RVCM requests an extension of the STA granted on July 23, 2018, to continue operating with a reduced power of 4.7 kW daytime based upon the STA granted on October 16, 1989 (which authorized 9.9 kW daytime and 4.7 kW nighttime to negate Cuban interference). In support of the request, RVCM states that additional time is needed to repair/replace the main transmitter.

Accordingly, the request for extension of the STA IS HEREBY GRANTED, and RVCM may continue to operate using the attached specifications. After the main transmitter has been repaired/replaced, RVCM must file a new STA request to increase daytime power to 9.9 kilowatts (or amend the pending BSTA-20150226ABW request). In the STA request, RVCM must submit a fully complete engineering showing to demonstrate compliance based on Method Moment Modeling (since BSTA-20150226ABW was incomplete as filed - missing impedance data and line length data for sampling lines). This authority is subject to termination upon reduction of power or cessation of operation by the interfering Cuban station, or upon Commission instruction to RVCM to resume licensed operations. RVCM must reduce power if interference complaints are received, and take whatever steps are necessary to prevent exposure of workers and the public to radio frequency fields in excess of the Commission's exposure limits. *See* 47 C.F.R. Section 1.13 10.

This authority expires **February 25, 2020**.

Sincerely,



Joseph Szczesny, Engineer  
Audio Division, Media Bureau

cc: Jerold L. Jacobs, Esq. (via e-mail only)  
Attachment: Directional Antenna Specifications

**Special Temporary Authority**

**Specifications For Daytime Directional Operation of  
WWCL (AM), Lehigh Acres, Florida, Facility ID 50233**

**Frequency:** 1440 kHz      **Nominal Power:** 4.7 kW      **Antenna Input Power:** 5.08 kW

**Common Point Current:** 10.08 Amperes      **Common Point Resistance:** 50 ohms

**Transmitter site coordinates (NAD 1927):** 26° 36' 05" N, 81° 33' 30" W

**Description of Directional Antenna System:**

**Number and Type of Elements:** Four (4) series-excited, guyed, steel radiators

**Ground System:** 120 equally-spaced, buried, copper wire radials, each 53.4 meters in length except where foreshortened and bonded to a transverse copper strap midway between adjacent towers, plus an additional 120 interspersed radials 15.2 meters in length about the base of each tower.

**Theoretical RMS:** 916.7 mV/m at 1 km

**Standard RMS:** 963.1 mV/m at 1 km

**Q factor:** 31.46 mV/m

**Theoretical Parameters:**

<b>Tower No.</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>5</b>
<b>Field Ratio:</b>	1.000	1.128	0.613	0.3090
<b>Phasing (degrees):</b>	0.0	34.3	109.0	95.8
<b>Spacing (degrees)</b>	0.0	170.0	60.0	170.2
<b>Orientation (degrees)</b>	0.0	160.0	60.5	139.7
<b>Tower height (degrees):</b>	103.9	103.9	79.0	79.0
<b>Top Loading (degrees):</b>	1.6	1.6	0.0	0.0

**Special Temporary Authority**

**Specifications For Daytime Directional Operation of  
WWCL (AM), Lehigh Acres, Florida**

**Operating Parameters\***

<b>Tower No.</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>5</b>
<b>Phase (degrees):</b>	0.0	71.5	40.9	120.5
<b>Current Ratio:</b>	1.000	1.061	1.419	0.850

\*As indicated by Gorman-Redlich, model CMR 3-24 antenna Monitor.

**Antenna sampling system approved under Section 73.68 (b) of the rules.**

**Descriptions Of And Field Intensities At Monitor Points:**

**Direction of 174.0° True North:** At the south end of the seventh row of citrus trees east of a road heading north, on the north side of Cross Road, 2.3 km (1.4 miles) east of South Church Road. Distance from the transmitter site is 8.2 km. The field intensity at this point shall not exceed **11.5 mV/m**.

**Direction of 337.0° True North:** Center of Moore Avenue, 100 feet north of its intersection with East 10<sup>th</sup> Street. Distance from the transmitter site is 4.22 km. The field intensity at this point shall not exceed **69.0 mV/m**.

**Special Temporary Authority**

**Specifications For Nighttime Directional Operation of  
WWCL (AM), Lehigh Acres, Florida, Facility ID 50233**

**Frequency:** 1440 kHz      **Nominal Power:** 4.7 kW      **Antenna Input Power:** 5.08 kW

**Common Point Current:** 10.08 Amperes      **Common Point Resistance:** 50 ohms

**Transmitter site coordinates (NAD 1927):** 26° 36' 05" N, 81° 33' 30" W

**Description of Directional Antenna System:**

**Number and Type of Elements:** Five (5) series-excited, guyed, steel radiators

**Ground System:** 120 equally-spaced, buried, copper wire radials, each 53.4 meters in length except where foreshortened and bonded to a transverse copper strap midway between adjacent towers, plus an additional 120 interspersed radials 15.2 meters in length about the base of each tower.

**Theoretical RMS:** 617.1 mV/m at 1 km

**Standard RMS:** 648.4 mV/m at 1 km

**Q factor:** 21.7 mV/m

**Theoretical Parameters:**

<b>Tower No.</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Field Ratio:</b>	1.000	1.653	2.087	2.309	2.090
<b>Phasing (degrees):</b>	0.0	-66.7	-88.0	-116.7	-118.0
<b>Spacing (degrees)</b>	0.0	170.0	340.0	60.0	170.2
<b>Orientation (degrees)</b>	0.0	160.0	160.0	60.5	139.7
<b>Tower height (degrees):</b>	103.9	103.9	103.9	79.0	79.0
<b>Top Loading (degrees):</b>	1.6	1.6	1.6	0.0	0.0

### Special Temporary Authority

#### Specifications For Nighttime Directional Operation of WWCL (AM), Lehigh Acres, Florida

##### Operating Parameters\*

Tower No.	1	2	3	4	5
Phase (degrees):	69.5	58.0	-29.5	-75.2	0
Current Ratio:	0.185	0.469	0.511	1.005	1.000

\*As indicated by Gorman-Redlich, model CMR 3-24 antenna Monitor.

Antenna sampling system approved under Section 73.68 (b) of the rules.

##### Descriptions Of And Field Intensities At Monitor Points:

**Direction of 23.5° True North:** At field gate 90 feet south of Highway 80, 7 miles west of Joel Blvd. Distance from the transmitter site is 13.2 km. The field intensity at this point shall not exceed **3.6 mV/m**.

**Direction of 133.0° True North:** On the north side of Church Road, at a fence post, 2.7 km (1.65 miles) east of South Felda Church Road . Distance from the transmitter site is 7.15 km. The field intensity at this point shall not exceed **7.9 mV/m**.

**Direction of 215.0° True North:** At the intersection of Summa Boulevard and Lownde Avenue South. Distance from the transmitter site is 3.0 km. The field intensity at this point shall not exceed **28.5 mV/m**.

**Direction of 316.5° True North:** On the south side of East 7<sup>th</sup> Street, opposite a pine tree on the north side of the street, 50 feet east of the intersection with Grant Avenue. Distance from the transmitter site is 3.58 km. The field intensity at this point shall not exceed **22.4 mV/m**.

