



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

UNIVISION RADIO STATIONS GROUP, INC.
101 Constitution Avenue, NW, Suite 800W
WASHINGTON DC 20001

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: July 10, 2018

Facility Id: 73912

Call Sign: WQBA

This license expires 3:00 a.m.
local time, February 01, 2020.

License File Number: BMML-20180502ACO

Re-License pursuant to the method of moment rules.

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:
Local Standard Time (Non-Advanced)

Jan.	7:15 AM	5:45 PM	Jul.	5:45 AM	7:15 PM
Feb.	7:00 AM	6:15 PM	Aug.	6:00 AM	7:00 PM
Mar.	6:30 AM	6:30 PM	Sep.	6:00 AM	6:30 PM
Apr.	6:00 AM	6:45 PM	Oct.	6:15 AM	6:00 PM
May	5:30 AM	7:00 PM	Nov.	6:45 AM	5:30 PM
Jun.	5:30 AM	7:15 PM	Dec.	7:00 AM	5:30 PM

Callsign: WQBA

License No.: BMML-20180502ACO

Name of Licensee: UNIVISION RADIO STATIONS GROUP, INC.

Station Location: MIAMI, FL

Frequency (kHz): 1140

Station Class: B

Antenna Coordinates:

Day

Latitude: N 25 Deg 46 Min 03 Sec

Longitude: W 80 Deg 29 Min 10 Sec

Night

Latitude: N 25 Deg 46 Min 03 Sec

Longitude: W 80 Deg 29 Min 10 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 50.0 Night: 10.0

Antenna Input Power (kW): Day: 52.65 Night: 10.53

Antenna Mode: Day: DA Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 32.45 Night: 14.51

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1025924	
2	1025925	
3	1025926	

Night:

Tower No.	ASRN	Overall Height (m)
1	1025923	
2	1025924	
3	1025925	
4	1025926	
5	1025927	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 2128.7 Night: 913.8

Standard RMS (mV/m/km): Day: 2236.4

Augmented RMS (mV/m/km): Night: 960.7

Q Factor: Day: Night: 31.6

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	91.8
2	2.4200	96.200	160.0000	310.000	0	91.8
3	3.3300	180.000	320.0000	310.000	0	91.8

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	91.8
2	2.2100	113.600	95.0000	310.000	1	91.8
3	2.2800	-176.300	160.0000	310.000	1	91.8
4	1.7200	-117.100	160.0000	310.000	1	91.8
5	0.8100	-16.800	95.0000	310.000	1	91.8

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	6.0	16.0	35.40
2	19.5	10.0	35.40
3	257.0	58.0	112.70
4	280.0	40.0	96.60

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
2	-91.6	0.48
3	0	1

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
4	77	1.401

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-172.2	0.368
2	-71.5	1.026
3	0	1
4	56.5	0.738
5	155.2	0.351

Antenna Monitor: POTOMAC INSTRUMENTS AM 1901

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

- 1 The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.
- 2 Operation with facilities specified herein is contingent upon continued jamming and interference by Cuban stations, and is subject to modification, suspension or termination by the Commission, without right to hearing, depending on a change in that Cuban operation, the outcome of the Second Session of Regional Administrative MF Broadcasting Conference (Region 2) or normalization of the relationship between the United States and Cuba.
- 3 Ground System Description:
Ground system consists of 120-67.07 copper radials about the base of each tower. Radials are shortened and bonded to copper strap midway between elements.

*** END OF AUTHORIZATION ***