



**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**AM BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

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ALMAVISION OF MIAMI  
 1881 NE 146 STREET  
 MIAMI FL 33181

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Son Nguyen  
 Supervisory Engineer  
 Audio Division  
 Media Bureau

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Grant Date: December 12, 2016

Facility Id: 11193

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

Call Sign: DWKIZ

License File Number: BZ-20160907AGC

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	6:00 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.	6:15 AM	6:30 PM
Apr.	6:00 AM	6:45 PM	Oct.	6:30 AM	6:00 PM
May	5:45 AM	7:00 PM	Nov.	6:45 AM	5:45 PM
Jun.	5:30 AM	7:15 PM	Dec.	7:00 AM	5:45 PM

Callsign: DWKIZ

License No.: BZ-20160907AGC

Name of Licensee: ALMAVISION OF MIAMI

Station Location: KEY WEST, FL

Frequency (kHz): 1500

Station Class: B

Antenna Coordinates:

Day

Latitude: N 24 Deg 34 Min 02 Sec

Longitude: W 81 Deg 44 Min 54 Sec

Night

Latitude: N 24 Deg 34 Min 02 Sec

Longitude: W 81 Deg 44 Min 54 Sec

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

Nominal Power (kW): Day: 0.25 Night: 0.25

Antenna Input Power (kW): Day: 0.27 Night: 0.27

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 2.32 Night: 2.32

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1261850	
2	1242048	
3	1261851	

Night:

Tower No.	ASRN	Overall Height (m)
1	1261850	
2	1242048	
3	1261851	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 147.25 Night: 147.25

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Day: 158.9 Night: 158.9

Q Factor: Day: Night:

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	82.3
2	0.5000	17.000	182.0000	0.000	0	82.3
3	0.6100	-17.000	182.0000	180.000	0	82.3

\* 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	0.0	16.0	14.00
2	12.5	25.0	14.16
3	25.0	16.0	20.92
4	30.0	10.0	24.14
5	35.0	10.0	27.36
6	40.0	10.0	28.00
7	45.0	10.0	29.61
8	87.5	15.0	311.99
9	95.0	15.0	327.52
10	102.5	15.0	315.22
11	150.5	21.0	37.26
12	161.0	19.0	23.61
13	170.5	19.0	33.12
14	180.0	18.0	35.94
15	189.0	18.0	34.12
16	198.0	18.0	31.22
17	209.0	22.0	44.90
18	257.5	15.0	312.05
19	265.0	15.0	325.36
20	272.5	15.0	310.33
21	280.0	10.0	271.01
22	306.0	10.0	55.68

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
23	315.0	10.0	28.32
24	320.0	10.0	28.97
25	325.0	10.0	29.61
26	330.0	28.0	33.80
27	345.0	14.0	20.92
28	352.0	14.0	17.70

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	82.3
2	0.5000	17.000	182.0000	0.000	0	82.3
3	0.6100	-17.000	182.0000	180.000	0	82.3

\* 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	0.0	16.0	14.00
2	12.5	25.0	14.16
3	25.0	16.0	20.92
4	30.0	10.0	24.14
5	35.0	10.0	27.36
6	40.0	10.0	28.00
7	45.0	10.0	29.61
8	87.5	15.0	311.99
9	95.0	15.0	327.52
10	102.5	15.0	315.22
11	150.5	21.0	37.26
12	161.0	19.0	23.61
13	170.5	19.0	33.12
14	180.0	18.0	35.94
15	189.0	18.0	34.12
16	198.0	18.0	31.22
17	209.0	22.0	44.90

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
18	257.5	15.0	312.05
19	265.0	15.0	325.36
20	272.5	15.0	310.33
21	280.0	10.0	271.01
22	306.0	10.0	55.68
23	315.0	10.0	28.32
24	320.0	10.0	28.97
25	325.0	10.0	29.61
26	330.0	28.0	33.80
27	345.0	14.0	20.92
28	352.0	14.0	17.70

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	-130.7	0.486
3	129.5	0.59

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	-130.7	0.486
3	129.5	0.59

Antenna Monitor: POTOMAC INSTRUMENTS AM-19D (210)

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Day Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
25	2.54	21.7
41	2.11	13.5
198	1.8	36
316	2.66	15.5

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
25	2.54	21.7
41	2.11	13.5
198	1.8	36
316	2.66	15.5

Special operating conditions or restrictions:

1 MONITOR POINT DESCRIPTIONS

25° - From intersection of Key Haven Road and Driftwood Dr. , proceed right on Driftwood Dr. for 0.4 km to the end of road to point located on road, 6 feet from end, 2.54 km from site, max 21.7 mV/m.

41° - Point located on edge of road by driveway to #11 Beechwood Drive, 2.11 km from site, max 13.5 mV/m.

198° - Point located at intersection of South Roosevelt Blvd (SA1A) and Faraldo Circle, 20 feet west of airport sign, 1.80 km from array, max 36.0 mV/m.

316° - Proceed to the end of Sigsbee Road, then turn left and proceed 0.08 km to point located behind RV camping spaces at edge of water by three posts, 2.66 km from array, max 15.5 mV/m.

- 2 Salt water ground system consists of a submerged 4 inch copper strap 45.7 meters in length every 90 degrees, plus 24 equally spaced submerged copper radials 45.7 meters in length about the base of each tower, plus a 4 inch copper strap between the towers to the transmitter building.

\*\*\* END OF AUTHORIZATION \*\*\*