



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

Authorizing Official:

Official Mailing Address:

IHM LICENSES, LLC  
7136 S. YALE AVENUE  
SUITE 501  
TULSA OK 74136

Dale E. Bickel  
Senior Engineer  
Audio Division  
Media Bureau

Facility Id: 55497

Call Sign: WKJK

License File Number: BL-19850220AG

Grant Date:

This license expires 3:00 a.m.  
local time, August 01, 2012.

This license covers permit no.: BP-19830928AC

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.	8:00 AM	5:45 PM	Jul.	5:30 AM	8:00 PM
Feb.	7:30 AM	6:15 PM	Aug.	6:00 AM	7:45 PM
Mar.	7:00 AM	6:45 PM	Sep.	6:30 AM	7:00 PM
Apr.	6:15 AM	7:15 PM	Oct.	6:45 AM	6:00 PM
May	5:30 AM	7:45 PM	Nov.	7:30 AM	5:30 PM
Jun.	5:15 AM	8:15 PM	Dec.	8:00 AM	5:30 PM

Callsign: WKJK

License No.: BL-19850220AG

Name of Licensee: IHM LICENSES, LLC

Station Location: LOUISVILLE, KY

Frequency (kHz): 1080

Station Class: B

Antenna Coordinates:

Day

Latitude: N 38 Deg 18 Min 29 Sec

Longitude: W 85 Deg 49 Min 45 Sec

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

Nominal Power (kW): Day: 10.0

Antenna Input Power (kW): Day:

Antenna Mode: Day: DA

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

Current (amperes): Day:

Resistance (ohms): Day:

Antenna Registration Number(s):

Day:

Tower No.	ASRN
1	None
2	None
3	None
4	None

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 965.61

Standard RMS (mV/m/km):

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

Q Factor: Day:

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	90.5
2	2.6180	15.000	191.0000	56.000	0	90.5
3	1.2210	106.000	90.0000	326.000	0	90.5
4	3.1940	121.000	191.0000	56.000	1	90.5

\* 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	4.0	12.0	140.01
2	31.0	42.0	357.92
3	58.0	20.0	671.87
4	68.0	20.0	757.76
5	78.0	18.0	828.36
6	87.0	18.0	881.12
7	216.0	20.0	825.46
8	226.0	18.0	746.54
9	235.0	18.0	669.26
10	262.0	54.0	344.96
11	289.0	16.0	183.47
12	297.0	16.0	217.26
13	305.0	16.0	297.73
14	315.0	20.0	369.05
15	355.0	16.0	180.25

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