



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

FAMILY WORSHIP CENTER CHURCH, INC.
POST OFFICE BOX 262550
BATON ROUGE LA 70826



Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 31170

Call Sign: WJYM

License File Number: BMML-20210727AAD

Grant Date: April 13, 2022

This license expires 3:00 a.m.
local time, October 01, 2028.

This license modifies license no.: BZ-20090601AXK

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: Daytime with Secondary nighttime

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

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

Callsign: WJYM

License No.: BMML-20210727AAD

Name of Licensee: FAMILY WORSHIP CENTER CHURCH, INC.

Station Location: BOWLING GREEN, OH

Frequency (kHz): 730

Station Class: D

Antenna Coordinates:

Day

Latitude: N 41 Deg 31 Min 57 Sec

Longitude: W 83 Deg 33 Min 55 Sec

Night

Latitude: N 41 Deg 31 Min 57 Sec

Longitude: W 83 Deg 33 Min 55 Sec

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

Nominal Power (kW): Day: 1.0 Night: 0.359

Antenna Input Power (kW): Day: 1.08 Night: 0.388

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 4.65 Night: 2.79

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	
1	None	87.2
2	None	87.2
3	None	87.2
4	None	87.2

Night:

Tower No.	ASRN	
1	None	87.2
2	None	87.2
3	None	87.2
4	None	87.2

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 281.64 Night: 168.74

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Day: 297.02 Night: 177.95

Q Factor: Day: Night: 5.99

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	-53.000	0.0000	0.000	0	76.0
2	1.1000	60.000	75.0000	38.800	0	76.0
3	1.1000	-60.000	210.0000	143.000	1	76.0
4	1.0000	53.000	226.0000	103.000	0	76.0

* 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	10.0	40.23
2	5.0	10.0	40.23
3	10.0	10.0	41.04
4	15.0	10.0	41.84
5	20.0	15.0	44.26
6	42.0	15.0	45.06
7	48.8	12.0	35.41
8	55.0	20.0	33.80
9	60.0	10.0	24.94
10	65.0	20.0	38.62
11	75.0	10.0	55.52
12	94.0	10.0	49.89
13	99.0	10.0	37.34
14	104.0	10.0	32.19
15	109.0	10.0	31.38
16	114.5	11.0	32.19
17	142.0	20.0	22.53
18	177.0	10.0	426.48
19	240.0	10.0	466.71
20	270.0	20.0	80.47
21	297.0	10.0	177.03

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
22	340.0	10.0	46.67
23	345.0	10.0	43.45
24	350.0	10.0	41.84
25	355.0	10.0	41.04

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	-53.000	0.0000	0.000	0	76.0
2	1.1000	60.000	75.0000	38.800	0	76.0
3	1.1000	-60.000	210.0000	143.000	1	76.0
4	1.0000	53.000	226.0000	103.000	0	76.0

* 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	10.0	24.10
2	5.0	10.0	24.10
3	10.0	10.0	24.60
4	15.0	10.0	25.10
5	20.0	15.0	26.50
6	42.0	15.0	27.00
7	48.8	12.0	21.20
8	55.0	20.0	20.30
9	60.0	10.0	14.90
10	65.0	20.0	23.10
11	75.0	10.0	33.30
12	94.0	10.0	29.90
13	99.0	10.0	22.40
14	104.0	10.0	19.30
15	109.0	10.0	18.80
16	114.5	11.0	19.30
17	142.0	20.0	13.50
18	177.0	10.0	255.50

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
19	240.0	10.0	279.60
20	270.0	20.0	48.20
21	297.0	10.0	106.10
22	340.0	10.0	28.00
23	345.0	10.0	26.00
24	350.0	10.0	25.10
25	355.0	10.0	24.60

Day Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
1 5.7	0.849
2 116.9	0.987
3 0	1
4 109.7	0.929

Night Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
1 5.7	0.849
2 116.9	0.987
3 0	1
4 109.7	0.929

Antenna Monitor: POTOMAC INSTRUMENTS AM 19 (204)

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

- 1 The ground system consists of 120-336' equally spaced, buried copper wire radials about the base of each tower. Radials are shortened and bonded at points of intersection. At the base of each tower is a 24'x24' copper ground screen.
- 2 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.

*** END OF AUTHORIZATION ***