



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

EMMIS RADIO LICENSE, LLC
 ONE EMMIS PLAZA
 40 MONUMENT CIRCLE, STE 700
 INDIANAPOLIS IN 46204

Susan N. Crawford
 Senior Engineer
 Audio Division
 Media Bureau

Facility Id: 19521

Call Sign: WFNI

License File Number: BML-20070521AIV

Grant Date: April 15, 2010

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

License re-issued May 6, 2014, to add a Special Operating Condition authorizing the use of modulation dependent carrier level (MDCL) control technology and to correct the sunrise and sunset times.

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	8:15 PM
Feb.	7:45 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	7:30 PM	Oct.	7:00 AM	6:00 PM
May	5:30 AM	8:00 PM	Nov.	7:30 AM	5:30 PM
Jun	5:15 AM	8:15 PM	Dec	8:00 AM	5:15 PM

Name of Licensee: EMMIS RADIO LICENSE, LLC

Station Location: INDIANAPOLIS, IN

Frequency (kHz): 1070

Station Class: B

Antenna Coordinates:

Day

Latitude: N 39 Deg 57 Min 21 Sec
Longitude: W 86 Deg 21 Min 30 Sec

Night

Latitude: N 39 Deg 57 Min 21 Sec
Longitude: W 86 Deg 21 Min 30 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: 52.7 Night: 10.5

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 31.6 Night: 14.1

Resistance (ohms): Day: 52.5 Night: 52.5

Antenna Registration Number(s):

Day:

Table with 3 columns: Tower No., ASRN, Overall Height (m). Rows 1-4.

Night:

Table with 3 columns: Tower No., ASRN, Overall Height (m). Rows 1-6.

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 2084.1 Night: 914.11

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Day: 2191.1 Night: 961.6

Q Factor: Day: Night: 24.32

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	90.0
2	0.5000	-38.000	201.0000	42.000	0	90.0
3	1.0000	-94.000	70.0000	142.000	0	90.0
4	0.5000	-132.000	201.0000	42.000	1	90.0

* 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	42.0	10.0	1103.49
2	182.0	12.0	1617.39
3	272.0	10.0	651.78
4	277.0	10.0	675.92
5	316.0	12.0	716.16
6	322.0	12.0	716.16
7	328.5	13.0	716.16

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.5080	14.000	0.0000	0.000	0	90.0
2	1.0000	0.000	201.0000	42.000	0	90.0
3	0.5080	-14.000	201.0000	42.000	1	90.0
4	0.5080	-106.000	70.0000	142.000	0	90.0
5	1.0000	-120.000	201.0000	42.000	1	90.0
6	0.5080	-134.000	201.0000	42.000	1	90.0

* 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	2.0	26.0	45.71
2	15.0	10.0	44.26
3	20.0	10.0	36.21
4	25.5	10.0	51.50
5	34.0	16.0	25.75
6	42.0	16.0	25.75
7	56.0	28.0	28.97
8	70.0	28.0	48.60
9	70.0	10.0	128.75
10	182.0	20.0	53.75
11	182.0	10.0	122.31
12	220.0	10.0	193.12
13	243.0	13.0	84.49
14	249.5	10.0	125.53
15	254.5	10.0	106.22
16	259.5	10.0	99.78
17	266.0	12.0	99.78
18	272.0	12.0	104.61
19	281.0	18.0	128.75
20	290.0	10.0	107.55
21	322.0	16.0	321.87

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	89.7	1.02
2	53	0.508
3	0	1
4	-33.7	0.493

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	133	0.526
2	119	1
3	102.5	0.553
4	12.5	0.54
5	0	1
6	-15.8	0.515

Antenna Monitor: POTOMAC INSTRUMENTS 1901

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

- 1 Daytime antenna system consists of towers NW, N, SE, and E. Nighttime antenna system consists of towers W, NW, N, S, SE, and E.

MONITOR POINT DESCRIPTIONS

25.5°- From intersection of County Road (CR) 800E and CR 50S, proceed east on CR 50S for 0.6 km to house (#8355) on south side of road, point located approximately 70 paces south of road in yard, midway between house and east property line, 9.46 km from site, max 4.6 mV/m nighttime.

42° - From intersection of CR 300S and CR 875E, proceed north on CR 875E 0.97 km to sharp right bend, then east 0.32 km to bend north in road between creek and cemetery, point located approximately 40 paces west of road, 7.61 km from site, max 120.0 mV/m daytime.

42°- From intersection of CR 950E and CR 180S, proceed approximately 30 paces north on CR 950E to point, located on west side of road, 8.84 km from site, max 5.0 mV/m nighttime.

70°- From intersection of CR 550S and Amos Drive, proceed north on Amos Drive 0.48 km to point located at end of road in cul-de-sac, 3.19 km from site, max 27.0 mV/m nighttime.

182°- From intersection of CR 950N and CR 925E, proceed west in private drive to second power pole, point located due north approximately 35 paces, 5.82 km from site, max 238.0 mV/m daytime, max 22.5 nighttime.

249.5°- From intersection of State Road (SR) 267 and CR 650S, proceed south on SR 267 for 0.16 km to point located on east side of road across from driveway, 3.62 km from site, max 15.9 mV/m nighttime.

259.5°- From intersection of SR 267 and CR 650S, proceed north on SR 267 to house (#6175), and then 0.16 km east in driveway to point located east of bend in driveway, 3.3 km from site, max 10.0 mV/m nighttime.

272°- From intersection of CR 550S and CR 300E, proceed west on CR 550S for 0.82 km to private drive to south (house #2525), and then south in driveway for 0.27 km, point located approximately 30 paces east of drive and to north of a barn, 5.42 km from site, max 112 mV/m daytime, max 11.5 mV/m nighttime.

290°- From intersection of CR 500S and CR 300E, proceed north on CR 300E for 0.39 km to farm house (#4765) on east side of road, point located on west side of road opposite house, 4.89 km from site, max 14.6 mV/m nighttime.

322°- From intersection of CR 400E and CR 300S, proceed west on CR 300S for 0.40 km to point located in road, 5.70 km from site, max 119.0 mV/m daytime, max 46.0 mV/m nighttime.

- 2 Waiver of 47 C.F.R. Section 73.1560(a) is granted to permit the licensee to operate with modulation dependent carrier level (MDCL) control technology, which reduces transmitter power at certain modulation levels.

Special operating conditions or restrictions:

- 3 The grant of this license is conditioned on the final outcome of the Petition for Reconsideration of the denial of the Application for Review, filed on April 7, 2014, by David Smith et al. See Meridian Communications, 2 FCC Rcd 5904 (Rev. Bd. 1987).

- 4 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 ***