United States of America

FEDERAL COMMUNICATIONS COMMISSION

AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

RELEVANT RADIO, INC.
1496 BELLEVUE STREET
SUITE 202
GREEN BAY WI 54307

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: December 17, 2020

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

Facility Id: 41332

Call Sign: WWCA

License File Number: BML-20201014ABH

This license modifies license no.: BML-20181004ABQ
to change from commercial to non-commercial, with no other changes.

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	4:45 PM	Jul.	4:30 AM	7:15 PM
Feb.	6:45 AM	5:15 PM	Aug.	5:00 AM	6:45 PM
Mar.	6:00 AM	6:00 PM	Sep.	5:30 AM	6:00 PM
Apr.	5:15 AM	6:30 PM	Oct.	6:00 AM	5:15 PM
May	4:30 AM	7:00 PM	Nov.	6:30 AM	4:30 PM
Jun.	4:15 AM	7:30 PM	Dec.	7:15 AM	4:15 PM

Name of Licensee: RELEVANT RADIO, INC.

Station Location: GARY, IN

Frequency (kHz): 1270

Station Class: B

Antenna Coordinates:

		Day					
Latitude:	N	41	Deg	31	Min	40	Sec
Longitude:	W	87	Deg	22	Min	36	Sec

		Night					
Latitude:	N	41	Deg	31	Min	40	Sec
Longitude:	W	87	Deg	22	Min	36	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: 1.0

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

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 4.65 Night: 4.65

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1235737	
2	1235736	
3	1235691	
4	1235690	

Night:

Tower No.	ASRN	Overall Height (m)
1	1235737	
2	1235736	
3	4235691	
4	1235690	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 328.31 Night: 328.31

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Day: 357.39 Night: 357.39

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	77.400	0.0000	0.000	0	116.0
2	2.2900	-94.760	120.0000	355.000	0	116.0
3	2.2900	94.760	120.0000	355.000	1	116.0
4	1.0000	-77.400	120.0000	355.000	1	116.0

* 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	15.0	30.0	618.31
2	30.0	20.0	447.40
3	61.5	13.0	72.42
4	68.0	12.0	38.62
5	74.0	12.0	45.06
6	80.0	12.0	42.65
7	86.0	12.0	37.01
8	92.0	12.0	41.84
9	98.0	14.0	50.69
10	105.0	14.0	54.72
11	110.0	10.0	47.15
12	115.0	20.0	37.01
13	155.0	20.0	424.54
14	175.0	60.0	523.04
15	205.0	20.0	333.13
16	215.0	20.0	217.23
17	225.0	20.0	99.78
18	235.0	20.0	40.23
19	245.0	17.0	56.33
20	253.5	17.0	48.28
21	262.0	17.0	37.01

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
22	268.0	12.0	35.08
23	275.0	24.0	45.87
24	281.0	12.0	38.46
25	287.0	16.0	43.45
26	320.0	20.0	458.66
27	335.0	30.0	616.70
28	355.0	70.0	692.02

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	77.400	0.0000	0.000	0	116.0
2	2.2900	-94.760	120.0000	355.000	0	116.0
3	2.2900	94.760	120.0000	355.000	1	116.0
4	1.0000	-77.400	120.0000	355.000	1	116.0

* 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	15.0	30.0	618.31
2	30.0	20.0	447.40
3	61.5	13.0	72.42
4	68.0	12.0	38.62
5	74.0	12.0	45.06
6	80.0	12.0	42.65
7	86.0	12.0	37.01
8	92.0	12.0	41.84
9	98.0	14.0	50.69
10	105.0	14.0	54.72
11	110.0	10.0	47.15
12	115.0	20.0	37.01
13	155.0	20.0	424.54
14	175.0	60.0	523.04
15	205.0	20.0	333.13

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
16	215.0	20.0	217.23
17	225.0	20.0	99.78
18	235.0	20.0	40.23
19	245.0	17.0	56.33
20	253.5	17.0	48.28
21	262.0	17.0	37.01
22	268.0	12.0	35.08
23	275.0	24.0	45.87
24	281.0	12.0	38.46
25	287.0	16.0	43.45
26	320.0	20.0	458.66
27	335.0	30.0	616.70
28	355.0	70.0	692.02

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	172.2	0.437
2	0	1
3	-170.4	1
4	17.4	0.437

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	172.2	0.437
2	0	1
3	-170.4	1
4	17.4	0.437

Antenna Monitor: POTOMAC INSTRUMENTS, INC. TYPE 1901

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)
74	3.38	9.17
235	3.06	9
245	6.92	19.6
287	2.74	9.4

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
74	3.38	9.17
235	3.06	9
245	6.92	19.6
287	2.74	9.4

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.

Special operating conditions or restrictions:

2 Description of Monitor Points:

Direction of 74 degrees true North. Proceed north on Chase Street to 49th Avenue. Continue one block west on 49th, turn right and go north to 47th Avenue. Right on 47th Avenue and continue eastward about .9 mile to Cleveland. Turn north on Cleveland to 45th Avenue. Go east on 45th Avenue about 1.2 miles, turn south on Washington Street, go about 200 feet to Morningside Drive, go west on Morningside Drive about .13 mile. The monitor point is on the north side of the street between house numbers 230 and 252. This is Point Number 206.

Direction of 235 degrees true North. Proceed south on Chase Street for about 1.2 miles, turn west on road just past second turn. Continue west for about 1.31 miles. The monitor point is on the south side of the road about 200 feet east of a narrow private road going over the railroad tracks. A stake has been placed at the side of the road to mark the point. This is point Number 902.

Direction of 245 degrees true North. Proceed south on Chase Street .37 miles, turn right on 53rd Avenue and proceed west for 1.3 miles. Turn south at the entrance to Griffith Airport. The monitor point is 100 feet north of the runway. This is Point Number 1002.

Direction of 287 degrees true North. Proceed south on Chase Street .37 miles, turn right on 53rd Avenue and proceed west for 2.0 miles to Colfax. Turn north on Colfax and proceed 1.0 miles to 45th Avenue. Turn east on 45th Avenue for 0.25 miles to Calhoun Street. Turn south on Calhoun Street to driveway of Longfellow Elementary School. Reading is taken at last bend in road. This is Point Number 1303.

3 Ground system consists of 120 ea., 59.15 meter buried copper radials evenly spaced about each tower plus 120 ea., 15.24 meter interspaced radials about each tower.

*** END OF AUTHORIZATION ***