

United States of America

FEDERAL COMMUNICATIONS COMMISSION AM BROADCAST STATION LICENSE

Authorizing Official:

Seroshan

Official Mailing Address:

RELEVANT RADIO, INC.

1496 BELLEVUE STREET

SUITE 202

GREEN BAY WI 54307

Facility Id: 4622

Call Sign: WSDZ

License File Number: BML-20201014ABG

Son Nguyen

Supervisory Engineer

Audio Division

Media Bureau

Grant Date: February 22, 2021

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

This license modifies license no.: BMML-20191112ABL 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	5:00 PM	Jul.	4:45 AM	7:30 PM
Feb.	6:45 AM	5:30 PM	Aug.	5:15 AM	7:00 PM
Mar.	6:15 AM	6:00 PM	Sep.	5:45 AM	6:15 PM
Apr.	5:30 AM	6:30 PM	Oct.	6:15 AM	5:30 PM
May	4:45 AM	7:00 PM	Nov.	6:45 AM	4:45 PM
Jun.	4:30 AM	7:30 PM	Dec.	7:15 AM	4:45 PM

Name of Licensee: RELEVANT RADIO, INC.

Station Location: BELLEVILLE, IL

Frequency (kHz): 1260

Station Class: B

Antenna Coordinates:

Day

Latitude: N 38 Deg 27 Min 31 Sec Longitude: W 89 Deg 57 Min 41 Sec

Night

Latitude: N 38 Deg 27 Min 31 Sec Longitude: W 89 Deg 57 Min 41 Sec

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

Nominal Power (kW): Day: 20.0 Night: 5.0

Antenna Input Power (kW): Day: 21.06 Night: 5.4

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 20.52 Night: 10.4

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower	No.	ASRN	
	1	None	57.4
	2	None	57.4
	3	None	57.4
	4	None	57.4
	5	None	57.4

Night:

Tower No. ASRN

1	None	57.4
2	None	57.4
3	None	57.4
4	None	57.4
5	None	57.4

Callsign: WSDZ License No.: BML-20201014ABG

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 1507.5 Night: 651.8

Standard RMS (mV/m/km): Day: 1584.5

Augmented RMS (mV/m/km): Night: 688.69

Q Factor: Day: 68.94 Night: 22.36

Theoretical Parameters:

Day Directional Antenna:

Tower	Field	Phasing	Spacing	Orientation	Tower Ref	Height
No.	Ratio	(Deg.)	(Deg.)	(Deg.)	Switch *	(Deg.)
1	1.0000	0.000	0.0000	0.000	0	85.0
2	0.5910	63.300	170.0000	340.000	0	85.0
3	0.5010	142.100	62.4000	154.400	0	85.0
4	0.4560	278.400	61.6000	16.100	0	85.0
5	0.8850	197.000	110.8000	335.800	0	85.0

^{*} Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Theoretical Parameters:

Night Directional Antenna:

Tor	wer	Field	Phasing	Spacing	Orientation	Tower Ref	Height
]	No.	Ratio	(Deg.)	(Deg.)	(Deg.)	Switch *	(Deg.)
	1	0.4080	346.000	0.0000	0.000	0	85.0
	2	0.5230	155.600	170.0000	340.000	0	85.0
	3	0.4090	202.500	340.0000	340.000	0	85.0
	4	1.0000	0.000	510.0000	340.000	0	85.0
	5	0.5340	176.000	680.0000	340.000	0	85.0

^{*} 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	525.90
2	44.5	10.0	413.49
3	57.0	16.0	45.06
4	70.0	10.0	28.97
5	83.0	10.0	61.16
6	140.0	10.0	899.01
7	155.0	10.0	735.39
8	160.0	10.0	719.59

Callsign: WSDZ

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
9	165.0	10.0	734.30
10	237.0	10.0	42.65
11	250.0	10.0	25.75
12	263.0	10.0	61.16
13	287.5	15.0	801.87
14	307.5	25.0	723.01
15	320.0	20.0	526.64
16	330.0	20.0	466.71
17	340.0	20.0	450.62
18	350.0	20.0	466.71

Day Directional Operation:

Twr.	Phase	Antenna Monitor
No.	(Deg.)	Sample Current Ratio
1	0	1
2	67.3	0.772
3	123.6	0.528
4	-71.9	0.311
5	-145.4	1.063

Night Directional Operation:

Twr.	Phase	Antenna Monitor
No.	(Deg.)	Sample Current Ratio
1	-10.7	-0.409
2	158.1	0.531
3	-156.7	0.39
4	0	1
5	176	0.524

Antenna Monitor: POTOMAC INSTRUMENTS TYPE 1901-8, S/N 456 Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

1 Ground system consists of 120 equally spaced, buried, copper wire radials about the base of each tower, each 55 meters long.

Callsign: WSDZ License No.: BML-20201014ABG

Special operating conditions or restrictions:

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 ***