SECTION III - LICENSE APPLICATION ENGINEERING DATA

Name of Applicant
Relevant Radio, Inc.

PURPOSE OF AUTHORIZATION APPLIED FOR: (check one)

☑ Station License ☐ Direct Measurement of Power

1. Facilities authorized in construction permit

Call Sign	File No. of Construction Permit (if applicable)	Frequency (kHz)	Hours of Operation	Power in kilowatts	
				Night	Day
WSDZ	N/A	1260	Unlimited	5.0	20.0

2. Station location

State	City or Town
Illinois	Belleville

3. Transmitter location

State	County	City or Town	Street address (or other identification)
Illinois	Saint Clair	Belleville	546 Schlueter Germaine Rd

4. Main studio location

State	County	City or Town	Street address (or other identification)
N/A	N/A	N/A	N/A

5. Remote control point location (specify only if authorized directional antenna)

State	County	City or Town	Street address (or other identification)
Wisconsin	Brown	Green Bay	1496 Bellevue Street, Suite 202

6. Has type-approved stereo generating equipment been installed? ☐ Yes ☑ No

7. Does the sampling system meet the requirements of 47 C.F.R. Section 73.68? ☑ Yes ☐ No ☐ Not Applicable

Attach as an Exhibit a detailed description of the sampling system as installed. Exhibit No. N/A

8. Operating constants:

RF common point or antenna current (in amperes) without modulation for night system	RF common point or antenna current (in amperes) without modulation for day system
10.4	20.52

Measured antenna or common point resistance (in ohms) at operating frequency		Measured antenna or common point reactance (in ohms) at operating frequency	
Night	Day	Night	Day
50	50	0	0

Antenna indications for directional operation

Towers	Antenna monitor Phase reading(s) in degrees		Antenna monitor sample current ratio(s)		Antenna base currents	
	Night	Day	Night	Day	Night	Day
1	-10.7	0	0.409	1	on file	on file
2	158.1	67.3	0.531	0.772	on file	on file
3	-156.7	123.6	0.39	0.528	on file	on file
4	0	-71.9	1	0.311	on file	on file
5	176	-145.4	0.524	1.063	on file	on file

Manufacturer and type of antenna monitor: Potomac Instruments 1901

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9. Description of antenna system ((f directional antenna is used, the information requested below should be given for each element of the array. Use separate sheets if necessary.)

Type Radiator	Overall height in meters of radiator above base insulator, or above base, if grounded.	Overall height in meters above ground (without obstruction lighting)	Overall height in meters above ground (include obstruction lighting)	If antenna is either top loaded or sectionalized, describe fully in an Exhibit.
Guyed tower	56.2	57.4	57.4	Exhibit No.

Excitation ☑ Series ☐ Shunt

Geographic coordinates to nearest second. For directional antenna give coordinates of center of array. For single vertical radiator give tower location.

North Latitude	West Longitude
38 ° 27 ' 31 "	89 ° 57 ' 41 "

If not fully described above, attach as an Exhibit further details and dimensions including any other antenna mounted on tower and associated isolation circuits. Exhibit No. N/A

Also, if necessary for a complete description, attach as an Exhibit a sketch of the details and dimensions of ground system. Exhibit No. N/A

10. In what respect, if any, does the apparatus constructed differ from that described in the application for construction permit or in the permit?

N/A

11. Give reasons for the change in antenna or common point resistance.

N/A

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

Name (Please Print or Type)	Signature (check appropriate box below)
Andrew Disterhaft	Andrew Disterhaft
Address (include ZIP Code) Relevant Radio, Inc. 1496 Bellevue Street, Suite 202 Green Bay, WI 54311	Date 2/18/2021 Telephone No. (Include Area Code) 920-279-9054

☑ Technical Director ☐ Registered Professional Engineer

☐ Chief Operator ☐ Technical Consultant

☐ Other (specify)