



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

RELEVANT RADIO, INC.
 680 BARCLAY BOULEVARD
 LINCOLNSHIRE IL 60069

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 40858

Call Sign: WPAY

License File Number: BML-19990429W8

Grant Date: November 16, 1999

This license expires 3:00 a.m.
 local time, October 01, 2004.

This authorization is re-issued to correct the current, resistance and monitor point. HKC 02/09/2000.

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	5:30 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

Name of Licensee: RELEVANT RADIO, INC.

Station Location: TOLEDO, OH

Frequency (kHz): 1520

Station Class: B

Antenna Coordinates:

Night

Latitude: N 41 Deg 34 Min 00 Sec

Longitude: W 83 Deg 34 Min 23 Sec

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

Nominal Power (kW): Night: 1.0

Antenna Input Power (kW): Night: 1.08

Antenna Mode: Night: DA

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

Current (amperes): Night: 4.6

Resistance (ohms): Night: 51

Antenna Registration Number(s):

Night:

Tower No.	ASRN	
1	None	49.7
2	None	49.7
3	None	49.7
4	None	49.7
5	None	49.7
6	None	49.7

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 289.68

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Night: 304.46

Q Factor: Night:

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	-37.500	0.0000	0.000	0	89.0
2	2.8700	121.800	120.0000	180.000	0	89.0
3	4.5400	-79.300	120.0000	180.000	1	89.0
4	4.5400	79.300	120.0000	180.000	1	89.0
5	2.8700	-121.800	120.0000	180.000	1	89.0
6	1.0000	37.500	120.0000	180.000	1	89.0

* 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	65.0	10.0	15.29
2	70.0	10.0	16.09
3	75.0	10.0	15.61
4	80.0	10.0	14.48
5	85.0	10.0	15.61
6	90.0	10.0	16.06
7	100.0	20.0	14.48
8	120.0	20.0	14.65
9	130.0	10.0	16.09
10	135.0	10.0	16.09
11	140.0	10.0	15.77
12	147.5	15.0	22.53
13	215.0	20.0	17.70
14	225.0	20.0	20.12
15	237.5	25.0	17.70
16	250.0	20.0	20.60
17	260.0	20.0	17.70
18	270.0	10.0	20.12
19	275.0	10.0	19.31

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
20	280.0	10.0	16.90
21	290.0	16.0	18.51
22	298.0	10.0	19.31
23	303.0	10.0	42.65

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-141	0.203
2	39.8	0.622
3	-155	1.017
4	0	1
5	161	0.641
6	-33.5	0.264

Antenna Monitor: Potomac Instruments AM-19(204)

Monitoring Points:

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
70	3.21	9.3
100	5.02	3.6
180	3.57	3.25
225	5.39	3.5
250	7.32	0.95
270	3.37	5.1

*** END OF AUTHORIZATION ***