



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

Ann Gallagher  
Senior Engineer  
Audio Division  
Media Bureau

Facility Id: 73332

Call Sign: WNSW

License File Number: BMML-20100719AGO

Grant Date: March 31, 2011

This license expires 3:00 a.m.  
local time, June 01, 2014.

This license covers permit no.: BP-20070117AFN

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.	4:30 AM	7:30 PM
Feb.	6:45 AM	5:30 PM	Aug.	5:00 AM	7:00 PM
Mar.	6:15 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	4:45 AM	7:00 PM	Nov.	6:45 AM	4:45 PM
Jun.	4:30 AM	7:30 PM	Dec.	7:15 AM	4:30 PM

Callsign: WNSW

License No.: BMML-20100719AGO

Name of Licensee: RELEVANT RADIO, INC.

Station Location: NEWARK, NJ

Frequency (kHz): 1430

Station Class: B

Antenna Coordinates:

Day

Latitude: N 40 Deg 50 Min 59 Sec

Longitude: W 74 Deg 10 Min 59 Sec

Night

Latitude: N 40 Deg 50 Min 59 Sec

Longitude: W 74 Deg 10 Min 59 Sec

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

Nominal Power (kW): Day: 10.0 Night: 7.0

Antenna Input Power (kW): Day: 10.5 Night: 7.4

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 14.51 Night: 12.14

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1241949	
2	1241952	
3	1241951	
4	1241950	

Night:

Tower No.	ASRN	Overall Height (m)
1	1241949	
2	1241952	
3	1241951	
4	1241950	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 1275 Night: 1109

Standard RMS (mV/m/km): Day: 1339 Night: 1165

Augmented RMS (mV/m/km):

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	0.000	0.0000	0.000	0	TL/S
2	0.6560	-12.500	138.7000	83.700	0	TL/S
3	0.8070	24.100	194.7000	38.300	0	TL/S
4	0.9510	71.100	136.8000	352.900	0	TL/S

\* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73.160)

Tower No.	A	B	C	D
1	181.4	43.80	.00	.00
2	181.4	43.80	.00	.00
3	181.4	43.80	.00	.00
4	181.4	43.80	.00	.00

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.6560	-90.100	0.0000	0.000	0	TL/S
2	0.2190	-122.600	138.7000	83.700	0	TL/S
3	0.9380	-83.800	194.7000	38.300	0	TL/S
4	1.0000	0.000	136.8000	352.900	0	TL/S

\* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73.160)

Tower No.	A	B	C	D
1	181.4	43.80	.00	.00
2	181.4	43.80	.00	.00
3	181.4	43.80	.00	.00

Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73.160)

Tower No.	A	B	C	D
4	181.4	43.80	.00	.00

Day Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
1 -39.7	0.804
2 27.3	0.558
3 121.1	0.686
4 0	1

Night Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
1 -92.8	0.616
2 0	1
3 118.7	0.904
4 -14.4	0.683

Antenna Monitor: POTOMAC INSTRUMENTS 1901-4

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

- 1 The licensee shall perform the measurements described in Section 73.155 at least once within each 24-month period.
  
- 2 The tower numbering shown in the theoretical parameters above corresponds to the tower numbering on the antenna monitor as follows:
  - Tower 1 (theo.)=Tower 4 (SW)
  - Tower 2 (theo.)=Tower 1 (SE)
  - Tower 3 (theo.)=Tower 2 (NE)
  - Tower 4 (theo.)=Tower 3 (NW)

\*\*\* END OF AUTHORIZATION \*\*\*