



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

Facility Id: 8681

Call Sign: WQOF

Grant Date: April 27, 2012

This license expires 3:00 a.m.  
local time, October 01, 2019.

License File Number: BL-20120221ADS

This license covers permit no.: BP-20110223ACB

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

Callsign: WQOF

License No.: BL-20120221ADS

Name of Licensee: RELEVANT RADIO, INC.

Station Location: WASHINGTON, DC

Frequency (kHz): 1260

Station Class: B

Antenna Coordinates:

Day

Latitude: N 38 Deg 59 Min 59 Sec

Longitude: W 77 Deg 03 Min 27 Sec

Night

Latitude: N 38 Deg 59 Min 59 Sec

Longitude: W 77 Deg 03 Min 27 Sec

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

Nominal Power (kW): Day: 25.0 Night: 5.0

Antenna Input Power (kW): Day: 26.3 Night: 5.4

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 22.95 Night: 10.39

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1042695	
2	1042696	

Night:

Tower No.	ASRN	Overall Height (m)
1	1042694	
2	1042695	
3	1042696	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 1639.1 Night: 741.1  
 Standard RMS (mV/m/km): Day: 1721.4  
 Augmented RMS (mV/m/km): Night: 779.7  
 Q Factor: Day: Night: 35.1

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	90.0
2	0.6050	-185.000	160.0000	145.000	0	90.0

\* Tower Reference Switch

0 = Spacing and orientation from reference tower  
 1 = Spacing and orientation from previous tower

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	4.000	10.0000	165.500	0	90.0
2	0.5550	151.300	80.0000	325.000	0	90.0
3	0.5550	-151.300	80.0000	145.000	0	90.0

\* 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	62.0	118.00
2	15.0	25.0	195.00
3	52.0	12.0	60.00
4	280.0	10.0	61.20

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
2	0	1
3	-177	0.619

Night Directional Operation:

Tw. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
1 0	1
2 177.6	0.509
3 -112.3	0.285

Antenna Monitor: POTOMAC INSTRUMENTS 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)
57	4.81	39.4
233	5.05	39.5

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
52	5.58	2.89
198	5.31	115
280	4.38	4.4
325	2.57	63.5

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 Location of Monitor Points:

Direction of 52° true North. The measurement point is located on the northeast edge of the creek, on a line between the corner of the parking area and the west end of the spillway, Burnt Mills West Special Park, Columbia Pike (Rt. 29), Silver Spring, MD.

Direction of 57° true North. The measurement point is located on the curb, north side of the street opposite the front door to #10405 Lorain Avenue, Silver Spring, MD.

Direction of 198° true North. The measurement point is located atop the water meter cover located on the south side of Fessenden Street, NW, adjacent to the stop sign at the intersection with 39th Street, NW, Washington, DC.

Direction of 233° true North. The measurement point is located atop the storm sewer cover adjacent to the fire hydrant in front of house #6204 Kennedy Drive, Bethesda, MD.

Direction of 280° true North. The measurement point is located at the end of the entrance walkway where it meets the street at #5225 Acacia Avenue, Bethesda, Md.

Direction of 325° true North. The measurement point is located on the sidewalk in line with the storm sewer, southwest of the stop sign, exit lane for Kensington Park Retirement Community, 3620 Littledale Road, Kensington, MD.

## 3 Antenna System Description:

The existing antenna system consists of three towers. The center tower is a skirted, guyed tower with the top portion detuned to achieve a 90 degree tall tower. The north and south towers are tapered self-supporting towers, 90° in height.

## Ground System:

Existing ground system consists of 120 equally spaced, buried, copper radials about the base of each tower, each 59.7 meters in length except where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers.

The tall center tower (#1) supports the main and auxiliary antenna for WWDC-FM, the antenna used for the auxiliary operations of WASH-FM, WMZQ-FM, WIHT(FM), WBIG-FM and WDDN-LP(main), and multiple antenna for various cellular and land mobile facilities.

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