United States of America

FEDERAL COMMUNICATIONS COMMISSION

AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

KENSINGTON DIGITAL MEDIA, L.L.C.
PO BOX 681044
FRANKLIN TN 37068

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: April 05, 2023

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

Facility Id: 21473

Call Sign: WYGI

License File Number: BML-20221107AAF

This license modifies license no.: BL-20020513ABA

Change to commercial status

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

Name of Licensee: KENSINGTON DIGITAL MEDIA, L.L.C.

Station Location: MADISON, TN

Frequency (kHz): 1430

Station Class: B

Antenna Coordinates:

		Day				
Latitude:	N	36	Deg	16	Min	19 Sec
Longitude:	W	86	Deg	42	Min	53 Sec

		Night				
Latitude:	N	36	Deg	16	Min	19 Sec
Longitude:	W	86	Deg	42	Min	53 Sec

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

Nominal Power (kW): Day: 15.0 Night: 1.0

Antenna Input Power (kW): Day: 15.0 Night: 1.08

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 17.23 Night: 4.65

Resistance (ohms): Day: 50.5 Night: 50

Non-Directional Antenna: Day
Radiator Height: 52.4 meters; 90 deg
Theoretical Efficiency: 305.78 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	
1	None	54.3

Night:

Tower No.	ASRN	
1	None	54.3
2	None	54.3
3	None	54.3
4	None	54.3

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 284.85

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Night: 301.51

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	0.000	0.0000	0.000	0	90.0
2	0.8000	63.000	172.0000	320.000	0	90.0
3	0.8000	90.000	140.0000	2.000	0	90.0
4	0.6400	154.000	172.0000	320.000	1	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	7.0	14.0	31.87
2	21.0	26.0	77.25
3	34.0	18.0	103.00
4	34.0	10.0	103.48
5	43.0	18.0	85.30
6	61.0	18.0	106.22
7	213.0	16.0	578.41
8	221.0	16.0	566.81
9	240.0	20.0	402.34
10	273.0	14.0	49.57
11	312.0	14.0	33.80
12	312.0	10.0	33.96

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	52	0.947
3	73.5	0.84
4	133.2	0.628

Antenna Monitor: POTOMAC AM-19D, S/N 1866

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
7	4.83	5
34	4.65	11.8
160	2.01	118.4
273	6.06	6.3
312	2.12	11.7
346	2.77	23.3

Special operating conditions or restrictions:

1 DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Four uniform cross-section, guyed series-excited vertical steel radiators. Standard RMS: 299.27 mV/m, Augmented RMS: 301.51 mv/m.

Non-Directional Antenna: Tower #3 the other three towers disconnected and floating (daytime).

Ground System consists of 120-50' interspaced radials. A 24' x 24' copper ground screen about the base of each tower. Intersecting radial shortened and bonded to transverse copper strap midway between towers.

DESCRIPTION OF AND FIELD INTENSITY MEASURED AT MONITORING POINTS:

Direction of 7 True North. From the transmitter proceed east to Gallatin Pike. Turn North on Gallatin Pike; 1.81 mile to Two Mile Pike. Turn left on Two Mile Pike. Proceed on Two Mile Pike to the overpass over Interstate Highway 65. Immediately after crossing over the overpass turn right onto Old Two Mile Pike. Proceed North on Old Two Mile Pike 0.2 mile to Frances Street. Turn to the left on Frances to house number 308. The monitoring point is on the north edge of the pavement in line with the front door of the red brick house to the north. The distance from the antenna is 3.00 miles. The field intensity measured at this point should not exceed 5.0 mV/m.

Direction of 34 True North. From the transmitter, proceed east to Gallatin Pike. Turn North on Gallatin Pike 2.86 miles. The monitor point is on the east edge of the highway opposite telephone pole No. 62. The distance from the antenna is 2.89 miles. The field intensity measured at this point should not exceed 11.8 mV/m.

Direction of 160 True North. From the transmitter proceed east to Gallatin Pike. Turn north on Gallatin Pike, 1.2 miles to Neelys Bend Road. Turn east on Neelys Bend Road to Madison Street. This street is named Idlewild on the north side of Neelys Bend Road and Madison to the south. Turn south onto Madison. Proceed south on Madison 0.06 mile. The monitoring point is just north of the bridge in the center of the driveway approach on the east side of the street. The distance from the antenna is 1.25 miles. The field intensity measured at this point should not exceed 118.4 mV/m.

Special operating conditions or restrictions:

2 Direction of 273 True North. From the transmitter proceed east to Gallatin Pike. Turn south on Gallatin Pike; 0.7 miles to Old Hickory Boulevard. Turn west on Old Hickory Boulevard .56 miles to Brick Church Pike. Turn south 0.2 mile to road to transmitter. Proceed up this road to locked gate. On the west side of this gate is a steel shed on the south side of the road. The monitoring point is 33 paces north of the northwest corner of this shed on a slight ledge in the ground. The point is in line with an oversized fence post to the east. The distance from the antenna is 3.78 miles. The field intensity measured at this point should not exceed 6.3 mV/m.

Direction of 312 True North. From the transmitter, proceed east to Gallatin Pike. Turn south on Gallatin Pike; 0.7 mile to Old Hickory Boulevard. Turn west on Old Hickory Boulevard; 2.56 miles to US Highway 41. Turn north on US Highway 41; 2.1 miles to Campbell Road. Turn south on Campbell Road; 0.78 mile to Cuniff Parkway. The monitoring point is in the parking lot on the south side of the Parkway Baptist Church, 20 paces north of the telephone pole to the south in line with the double doors next to the bell in the church building to the north. The distance from the antenna is 1.32 miles. The field intensity measured at this point should not exceed 10.7 mV/m.

Direction of 346 True North. From the transmitter, proceed east to Gallatin Pike. Turn south on Gallatin Pike, 0.70 mile to Old Hickory Boulevard. Turn west on Hickory Boulevard 2.56 miles to US Highway 41. Turn north on US Highway 41; 3.36 miles to the Forest Lawn Cemetery. The monitoring point is in the center of the walkway in the south edge of the oval in the center of the cemetery. The point in approximately ten feet in from the pavement on the walkway between the two stands of hedge . The distance from the antenna is 1.72 miles. The field intensity measured at this point should not exceed 23.3 mV/m.

*** END OF AUTHORIZATION ***