



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Son Nguyen

Official Mailing Address:

FM RADIO LICENSES, LLC
 1 FOREVER DR
 HOLLIDAYSBURG PA 16648

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Grant Date: February 10, 2021

This license expires 3:00 a.m.
 local time, August 01, 2022.

Facility Id: 24997

Call Sign: WUZZ

License File Number: BZ-20201123AAI

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.	7:45 AM	5:15 PM	Jul.	5:00 AM	7:45 PM
Feb.	7:15 AM	6:00 PM	Aug.	5:30 AM	7:15 PM
Mar.	6:30 AM	6:30 PM	Sep.	6:00 AM	6:30 PM
Apr.	5:45 AM	7:00 PM	Oct.	6:30 AM	5:45 PM
May	5:00 AM	7:30 PM	Nov.	7:15 AM	5:00 PM
Jun.	4:45 AM	8:00 PM	Dec.	7:45 AM	5:00 PM

Callsign: WUZZ

License No.: BZ-20201123AAI

Name of Licensee: FM RADIO LICENSES, LLC

Station Location: NEW CASTLE, PA

Frequency (kHz): 1280

Station Class: B

Antenna Coordinates:

Day

Latitude: N 40 Deg 57 Min 14 Sec

Longitude: W 80 Deg 19 Min 05 Sec

Night

Latitude: N 40 Deg 57 Min 14 Sec

Longitude: W 80 Deg 19 Min 05 Sec

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

Nominal Power (kW): Day: 4.9 Night: 1.0

Antenna Input Power (kW): Day: 4.9 Night: 1.08

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 7.38 Night: 4.65

Resistance (ohms): Day: 90 Night: 50

Non-Directional Antenna: Day

Radiator Height: 65.4 meters; 100 deg

Theoretical Efficiency: 312.2 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1201665	

Night:

Tower No.	ASRN	Overall Height (m)
1	1201665	
2	1201660	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 321.87
 Standard RMS (mV/m/km):
 Augmented RMS (mV/m/km): Night: 347.2
 Q Factor: Night: 10.25

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	4.500	0.0000	0.000	0	100.0
2	0.8500	0.000	205.0000	84.400	0	100.0

* 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	11.0	30.0	555.22
2	26.0	30.0	389.46
3	93.5	10.0	111.04
4	149.0	52.0	498.90
5	175.0	50.0	621.21
6	200.0	37.0	434.52
7	218.5	10.0	205.24
8	245.0	10.0	109.64
9	298.0	10.0	57.94

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	7	0.85

Antenna Monitor: POTOMAC INSTRUMENTS AM-19 (204)

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)
93.5	2.22	27.2
218.5	2.45	42
245	1.72	56.58
298	1.77	18.5

Special operating conditions or restrictions:

1 MONITOR POINT DESCRIPTIONS

93.5° - From entrance to Polish Cemetery on Savannah-Gardner Road, proceed to fifth tree on right side of road, point taken in middle of road opposite tree, 2.22 km from site, max 27.2 mV/m nighttime.

218.5° - From intersection of Old Pittsburgh Road and Union Valley Road, proceed 2.57 km on Union to private lane on south side of road just east of remains of old garage. Proceed south on private lane over concrete bridge to point approximately 30 feet south of bridge, opposite NO TRESPASSING sign, 2.45 km from site, max 42.0 mV/m nighttime.

245° - From intersection of Savannah-Gardner Road and Reno Lane, proceed on Reno 1.83 km to bend, point located on NW corner of bend, 1.72 km from site, max 56.58 mV/m nighttime.

298° - From intersection of Savannah-Gardner Road and Savannah Road, proceed east 0.08 km on Savannah to side road, 1.77 km from site, max 18.5 mV/m nighttime.

- 2 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.
- 3 Licensee shall be responsible for satisfying all reasonable complaints of blanketing interference within the 1 V/m contour as required by Section 73.88 of the Commission's rules.

*** END OF AUTHORIZATION ***