

Technical Statement
WGIV (AM)
1370 kHz
5 kW Daytime / 0.067 kW Nighttime
Pineville, North Carolina
February 2024

Purpose of Application

The purpose of this license application is to cover Construction Permit BP-20190906AAU for WGIV (AM), 1370 kHz, Pineville, NC. This is a new site for WGIV (AM).

Tower Description

The tower is a uniform cross section, guyed, series excited vertical radiator. The overall height of the radiator above the base insulator is 30.48 meters. The overall height of the tower is 31.09 meters above ground. The tower does not have obstruction lighting. See the attached tower sketch.

Ground System Description

The ground system consists of 120 equally spaced buried copper radials, averaging 49.3 meters in length.

Compliance with Special Operating Conditions

This facility was constructed in compliance with all special operating conditions, terms and obligations described in the construction permit.

OVERALL
STRUCTURE
31.09 m
(102.0 ft)
AGL
245.06 m
(804.0 ft)
AMSL

AM
RADIATOR
30.48 m
(100.0 ft)

Base Insulator 0.6 m (2.0 ft)

North Latitude 35-13-05
West Longitude 80-53-35

Site Elev 213.97 m (702.0 ft) AMSL

(Sketch not drawn to scale)

Vertical Plan Sketch

SITE ELEVATION - 214 m (702 ft) AMSL

TOP OF STRUCTURE - 31 m (102 ft) AGL
245 m (804 ft) AMSL

AM Radiator - 30 m (100 ft)

FIGURES ROUNDED TO NEAREST METER (FOOT) .

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COMMUNICATIONS TECHNICAL CONSULTANTS