



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

FIVE FORTY BROADCASTING COMPANY, LLC
P.O. BOX 1044
SYLVA NC 28779



Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 73286

Call Sign: WRGC

License File Number: BL-20210525AAE

Grant Date: March 08, 2022

This license expires 3:00 a.m.
local time, December 01, 2027.

This license covers permit no.: BP-20190130ABH

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: Daytime with Secondary nighttime

Average hours of sunrise and sunset:
Local Standard Time (Non-Advanced)

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

Callsign: WRGC

License No.: BL-20210525AAE

Name of Licensee: FIVE FORTY BROADCASTING COMPANY, LLC

Station Location: SYLVA, NC

Frequency (kHz): 540

Station Class: D

Antenna Coordinates:

Day

Latitude: N 35 Deg 23 Min 31 Sec

Longitude: W 83 Deg 14 Min 56 Sec

Night

Latitude: N 35 Deg 23 Min 31 Sec

Longitude: W 83 Deg 14 Min 56 Sec

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

Nominal Power (kW): Day: 5.0 Night: 0.190

Antenna Input Power (kW): Day: 5.0 Night: 0.190

Antenna Mode: Day: ND Night: ND

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

Current (amperes): Day: 22.7 Night: 4.4

Resistance (ohms): Day: 9.7 Night: 22.7

Non-Directional Antenna: Day

Radiator Height: 59.7 meters;

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

Tower No.	A	B
1	38.7	26.30

Theoretical Efficiency: 249.9 mV/m/kw at 1km

Non-Directional Antenna: Night

Radiator Height: 59.7 meters;

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

Tower No.	A	B
1	38.7	26.30

Theoretical Efficiency: 249.9 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	
1	None	60.6

Night:

Tower No.	ASRN	
1	None	60.6

Special operating conditions or restrictions:

- 1 The ground system consists of 120 equally-spaced buried copper wire radials ranging in length from 18.3 meters (60 feet) to 48.8 meters (160 feet), with an average length of 41.5 meters (136 feet).
- 2 The permittee/licensee 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.

*** END OF AUTHORIZATION ***