



**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**LOW POWER TELEVISION/TELEVISION TRANSLATOR**  
**BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

---

EDGE SPECTRUM, INC.  
7829 CENTER BLVD. SE. NO. 190  
SNOQUALMIE WA 98065

---

---

Hossein Hashemzadeh  
Associate Chief  
Video Division  
Media Bureau

---

Facility Id: 17784

Grant Date: June 16, 1997

This license expires 3:00 a.m.  
local time, August 01, 2005.

Call Sign: W50CG

License File Number: BLTTL-19970430JA

This license covers Permit No.: 960424JE

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.

Callsign: W50CG

License No.: BLTTL-19970430JA

Name of Licensee: EDGE SPECTRUM, INC.

Station Location: TN-FARRAGUT/KNOXVILLE

Frequency (MHz): 686 - 692

Offset: PLUS

Channel: 50

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 74.750 of the Commission's Rules.

Antenna type: (directional or non-directional): Non-Directional

Major lobe directions (degrees true): Not Applicable

Beam Tilt: Not Applicable

Antenna Coordinates: North Latitude: 36 deg 00 min 10 sec

West Longitude: 83 deg 56 min 40 sec

Maximum Effective Radiated Power (ERP) Towards Radio Horizon: 7 kW

Maximum ERP in any Horizontal and Vertical Angle: 7 kW

Height of radiation center above ground: 137.2 Meters

Height of radiation center above mean sea level: 527.3 Meters

Antenna structure registration number: None

Overall height of antenna structure above ground: 140.3 Meters

Special operating conditions or restrictions:

- 1 This authorization includes a waiver of the application acceptance standards in Sections 74.705 or 74.707 of the Commission's Rules, as applicable, based on consideration of terrain shielding. This waiver will convey for minor changes to the facility, except for those related to channel displacement, and for assignment or transfer of the authorization. Generally, the operation of this broadcast facility may not result in prohibited electromagnetic interference. The permittee or licensee is advised that, without consideration of terrain shielding, interference was predicted to the off-air reception of the following facilities and that the permittee or licensee is responsible to eliminate objectionable interference caused to these facilities.  
W50AB, HIAWASSEE, GA
- 2 This license is issued subject to the condition that the licensee shall operate the station under Program test authority until 3:00 a.m. local time, August 01, 1997. After this date, program test authority will automatically be terminated and licensed operation may begin. Further extension of the construction permit is not required.

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