



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**TELEVISION BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

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UNIVERSITY OF UTAH  
ECCLES BROADCAST CENTER  
101 S. WASATCH DR. RM.147  
SALT LAKE CITY UT 84112

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Clay C. Pendarvis  
Associate Chief  
Video Division  
Media Bureau

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Facility Id: 82576  
Analog TSID: 8602  
Digital TSID: 8603  
Call Sign: KUES  
License File Number: BLEDT-20030429AAT

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Grant Date: July 22, 2003  
This license expires 3:00 a.m.  
local time, October 01, 2006.

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: KUES

License No.: BLEDT-20030429AAT

Name of Licensee: UNIVERSITY OF UTAH

Station Location: UT-RICHFIELD

Frequency (MHz): 500 - 506

Channel: 19

Hours of Operation: Unlimited

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

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

Description: SCA, SL-8

Beam Tilt: 1.75 Degrees Electrical

Major lobe directions            0            10            20            340            350  
(degrees true):

Antenna Coordinates: North Latitude:    38 deg 38 min 04 sec

   West Longitude:    112 deg 03 min 33 sec

Transmitter output power: 0.023 kW  
   -16.3 DBK

Maximum effective radiated power (Average):            0.33 kW  
   -4.8 DBK

Height of radiation center above ground:            17 Meters

Height of radiation center above mean sea level: 2687 Meters

Height of radiation center above average terrain: 441 Meters

Antenna structure registration number: None

Overall height of antenna structure above ground:    17.37 meters.

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