

TELECOMMUNICATIONS ENGINEERING
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14 June 2022
Prepared for The University of Utah
KUQU, Enoch, Utah

NOTIFICATION OF DIGITAL OPERATION AND
REQUEST FOR STA TO OPERATE WITH DIGITAL POWER
IN EXCESS OF -14dBc

The applicant hereby makes notification that it commenced digital operation at KUQU, Enoch, Utah, on 13 June 2022. KUQU is operating with a digital power of -10 dBc. KUQU uses the Auxiliary Facility licensed in LMS 0000141744 to transmit its digital signal. The Transmitter Power Output required to produce the necessary ERP is 0.40 KW. There have been no changes to the operating constants of the KUQU analog facility.

The technical contact is:
Lewis Downey
KUER-FM
101 S Wasatch Drive
Salt Lake City, Utah 84112
801-581-5010

The applicant hereby respectfully requests Special Temporary Authority to operate KUQU, Enoch, Utah, with a digital power of -10 dBc.

A search of the Commission's CDBS and LMS databases revealed two stations which are first-channel adjacent to KUQU requiring study to assure that no prohibited overlap

exists with their 60 dBu coverage contours. These are the licensed facilities of KMXB, Henderson, Nevada and KKUT, Mount Pleasant, Utah.

Attached is a map exhibit demonstrating conclusively that there is no overlap of the proposed 49.5 dBu interfering contour and the protected contours of KMXB and KKUT.

KUQU

0000125026

Latitude: 37-32-29 N

Longitude: 113-04-07 W

ERP: 30.00 kW

Channel: 230

Frequency: 93.9 MHz

AMSL Height: 3123.0 m

Horiz. Pattern: Omni

Vert. Pattern: No

■ 60 dBu Coverage Contour

■ Proposed 49.5 dBu Interfering Conbtour

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115-00-00 W

40-00-00 N

+
KKUT

+
KUQU

+
KMXB

Proposed vs KMXB & KKUT

Scale 1:3,500,000

0 40 80 120 km