

STEPHEN S. LOCKWOOD, PE, PMP

THOMAS M. ECKELS, PE

THOMAS S. GORTON, PE

JAMES B. HATFIELD, PE

BENJAMIN F. DAWSON III, PE

ERIK C. SWANSON, PE, PMP

DAVID J. PINION, PE

STEPHEN PUMPLE, M.Eng, MBA, PMP

CONSULTANTS

HATFIELD & DAWSON  
CONSULTING ELECTRICAL ENGINEERS  
9500 GREENWOOD AVE. N.  
SEATTLE, WASHINGTON 98103

TELEPHONE (206) 783-9151

FACSIMILE (206) 789-9834

E-MAIL hatdaw@hatdaw.com

MAURY L. HATFIELD, PE

(1942-2009)

PAUL W. LEONARD, PE

(1925-2011)

## **MULTIPLE OWNERSHIP SERVICE CONTOUR ANALYSIS**

**Prepared for  
Jackson Hole Radio, LLC  
May 2021**

The attached analysis of compliance with the radio multiple ownership rules was prepared in accordance with the Rules and Regulations of the Federal Communications Commission, in connection with a minor change application for FM station KZJH at Jackson, Wyoming.

### **Unrated Market**

KZJH operates outside any Nielsen rated market, but the proposed facility has principal community contour overlap with the following attributable stations.

KMTN(FM) 245C1 Jackson

KJAX(FM) 228C1 Jackson

KSGT(AM) 1340 Jackson

These stations operate outside any market rated by Nielsen. Therefore, analysis has been made consistent with the Commission's interim rules for unrated markets. The 70 dBu contours of FM stations were determined from the technical data contained in the most recent edition of the FCC FM Database. The listed antenna height above average terrain was used together with topographic data obtained from the digitized 30 second or 3 second database. The 5 mV/m daytime contours of AM stations were determined from the technical data contained in the most recent edition of the FCC AM Database. The listed antenna parameter information was used together with a digitized version of the FCC M-3 or Region II ground conductivity database.

The service contours were plotted using correct map projection mathematics. Those stations whose transmitter sites are within the respective principal community service contours of the stations proposed to be commonly owned have only the sites rather than their contours shown. All contours and enclosed transmitter site locations have been labeled. A list of all stations considered is included with this statement.

In counting stations providing service to the “market” defined by each of the discrete clusters formed in unrated markets, stations whose transmitter sites are located in excess of 92 km from the perimeter of the common overlap area have been excluded, as have other stations to be commonly-owned but which are not a part of the discrete cluster being studied.

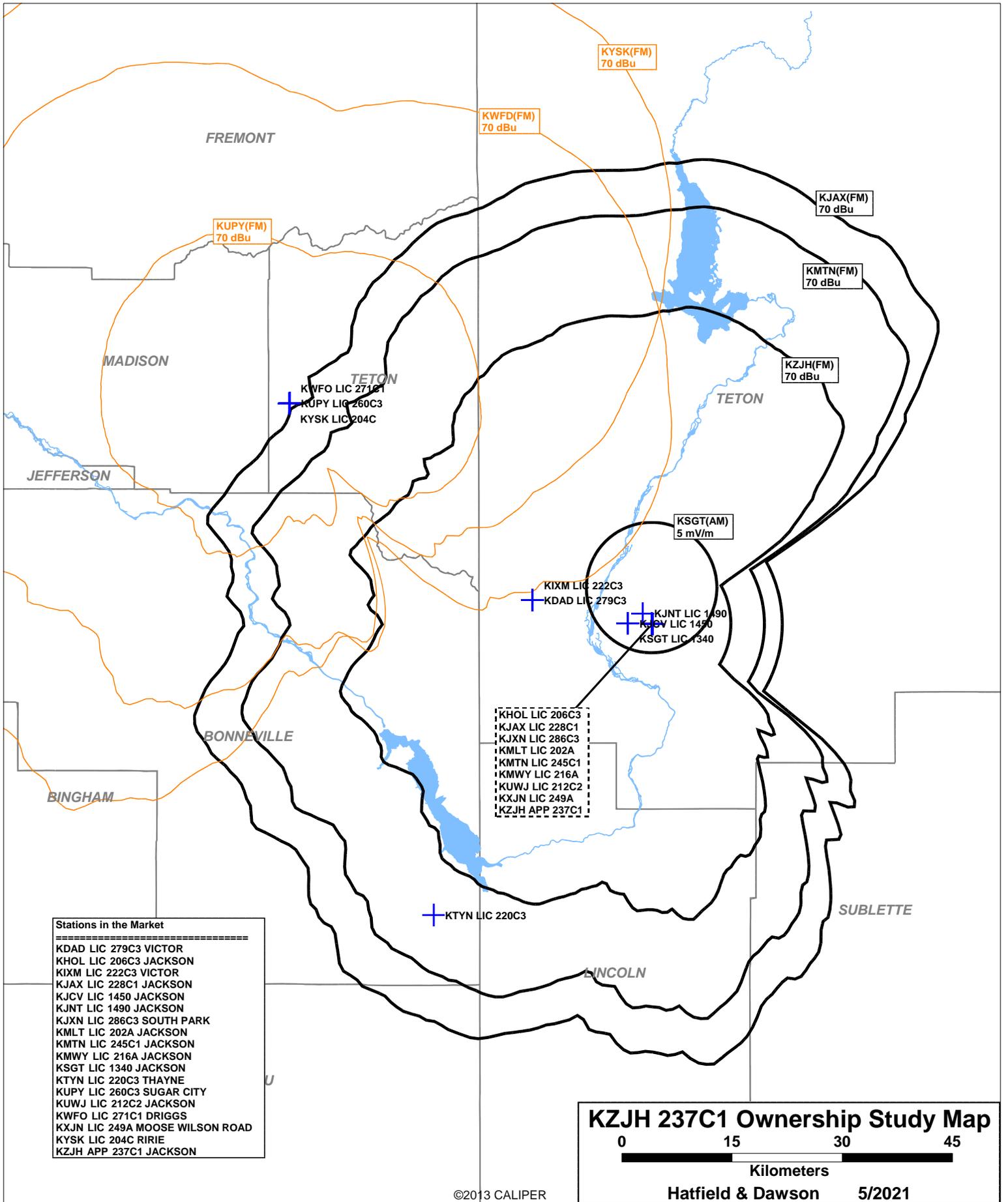
**Cluster A: KZJH(FM) App, KMTN(FM), KJAX(FM), KSGT(AM)**

This exhibit evidences at least the minimum number of stations necessary to demonstrate compliance with the rules concerning radio multiple ownership in unrated markets. In order to qualify for common ownership of this 1AM/3FM cluster, there must be at least 8 stations in the relevant “market”. This study demonstrates that there are at least 18 stations in the relevant market.

May 17, 2021

A handwritten signature in black ink, appearing to read "Erik C. Swanson". The signature is fluid and cursive, with the first name "Erik" and last name "Swanson" clearly legible.

Erik C. Swanson



- Stations in the Market**
- =====
  - KDAD LIC 279C3 VICTOR
  - KHOL LIC 206C3 JACKSON
  - KIXM LIC 222C3 VICTOR
  - KJAX LIC 228C1 JACKSON
  - KJCV LIC 1450 JACKSON
  - KJNT LIC 1490 JACKSON
  - KJXN LIC 286C3 SOUTH PARK
  - KMLT LIC 202A JACKSON
  - KMTN LIC 245C1 JACKSON
  - KMWY LIC 216A JACKSON
  - KSGT LIC 1340 JACKSON
  - KTYN LIC 220C3 THAYNE
  - KUPY LIC 260C3 SUGAR CITY
  - KUWJ LIC 212C2 JACKSON
  - KWFO LIC 271C1 DRIGGS
  - KXJN LIC 249A MOOSE WILSON ROAD
  - KYSK LIC 204C RIRIE
  - KZJH APP 237C1 JACKSON

**KZJH 237C1 Ownership Study Map**

0      15      30      45

————— Kilometers

**Hatfield & Dawson      5/2021**