



ENGINEERING STUDY

KXCI (FM)

Requesting a Minor Modification to
Auxiliary Antenna
License number BXLED-20140814ABB

Channel 217 (91.3MHz)

Tucson, AZ

Facility ID 22167

January, 2024

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TECHNICAL STATEMENT

This technical statement and attached exhibits were prepared on behalf of the Foundation For Creative Broadcasting (“FCB”), licensee of radio station KXCI (FM), Channel 217, 91.3MHz, Tucson, AZ. This application seeks to modify the previously licensed Auxiliary antenna to comply with the FCC rules governing maintaining the auxiliary 60dBu contour within the 60dBu contour of the main facility. This is required due to the relocation and relicensing of the Main KXCI facility.

Other than a reduction in power from 10kW to 8.5kW, no other changes will be proposed to the antenna. Therefore, it is not believed that a new directional antenna proof or certification should be necessary. A map of the previous and proposed contours is attached below in Exhibit A.

Respectfully Submitted

A handwritten signature in dark ink, appearing to read "Bert Goldman", with a long, sweeping horizontal line extending to the right.

Bert Goldman
Technical Consultant

EXHIBIT A- MAP COMPARING PREVIOUS VS PROPOSED AUXILIARY CONTOURS

KXCI Former Aux facility (10kW. red dotted) Vs Proposed Aux Facility (8.5kW Blue))

