

THIS MINOR CHANGE APPLICATION CHANGES PRIMARY STATION AND TRANSMIT ANTENNA. THIS TRANSMIT ANTENNA WILL BE DUPLEXED/COMBINED WITH THAT OF APPLICATION FILE NO: BNPFT-20030806ACW. ALL OTHER ASPECTS OF THIS APPLICATION WILL REMAIN THE SAME. THE COAX ON THE TOWER WILL NOT BE CHANGED AND REMAINS THE SAME. K209EN HAS BEEN IN OPERATION SINCE FEBRUARY 2002.

Page #1, Waiver Request of Section 74.1204
K209EN, Clive, IA 13 Watts ERP
Calvary Chapel of Twin Falls, Inc. 4/2004

The proposed site is contained entirely inside the service contour of second-adjacent stations KJMC, Des Moines, IA and WOI-FM, Ames, IA

KJMC

The proposed site is contained entirely inside the service contour of second-adjacent Station KJMC (and KJMC.CP), Channel 207, Class C3, 9 kW, Des Moines, IA. The level of the second-adjacent station KJMC.LIC arriving protected F(50,50) signal at the proposed transmitter site is 69dBu, KJMC.CP is 74dBu. Using the Undesired-to-Desired method for calculating proposed interference (the basis of the FCC current contour overlap regulations and an acceptable method for the purposes of determining lack of interference for an FM Translator), the proposed interfering contour with respect to KJMC is 109dBu and 114dBu (free-space contour method employed). This means that the 109dBu interfering signal would extend 91 meters from the center of radiation, which exists at 92 meters. The 114dBu contour would extend only 51 meters from the center of radiation. Since there is no population that inhabits this previously authorized interfering contour, Calvary Chapel of Twin Falls, Inc. respectfully requests a waiver of the FM translator contour overlap regulations with respect to second-adjacent channel station KJMC and its CP.

WOI-FM

The proposed site is contained entirely inside the service contour of second-adjacent Station WOI-FM Channel 211, Class C, 100 kW, Ames, IA. The level of the second-adjacent station WOI-FM arriving protected F(50,50) signal at the proposed transmitter site is 88dBu. Using the Undesired-to-Desired method for calculating proposed interference (the basis of the FCC current contour overlap regulations and an acceptable method for the purposes of determining lack of interference for an FM Translator), the proposed interfering contour with respect to WOI-FM is 128dBu (free-space contour method employed). This means that the 128dBu interfering signal would extend 10 meters from the center of radiation, which exists at 92 meters. Since there is no population that inhabits this previously authorized interfering contour, Calvary Chapel of Twin Falls, Inc. respectfully requests a waiver of the FM translator contour overlap regulations with respect to second-adjacent channel station WOI-FM.

The Commission's implementation of the Revised FM Engineering Rules, released in a *Report and Order* November 1, 2000 found in the "1998 Biennial Regulatory Review" in MM Docket 98-93, have been applied.

