

EXHIBIT 1
LPFM PRECLUSION STUDY
BETTENDORF, IOWA 247D
ILLINOIS BIBLE INSTITUTE, INC.
FCC FORM 349
JULY 2013

This LPFM Preclusion Study is in support of a minor change application, FCC form 349, being filed on behalf of Illinois Bible Institute, Inc. in regards to a new FM translator from the Auction 83 Filing Window, application BNPFT-20030314BRF, for Bettendorf, Iowa, facility ID 140129. Illinois Bible Institute, Inc. is proposing to change tower sites to an existing site at the coordinates N. 41°-37q58+, W. 90°-24q38+, NAD 27, to change channels from 250D to 247D and to change Effective Radiated Power from 115 Watts to 1 Watt. The antenna will have a Center of Radiation at 237 meters Above Mean Sea Level.

This minor change requires an LPFM preclusion study.

The new site is not within 39 km of a Spectrum Limited Market Grid. So no Spectrum Limited Grid Test is required.

The new site is not within a Spectrum Limited Top-50 Market, so no Top-50 Transmitter Site Test is required in the preclusion study.

The new site is within 39 km of one Spectrum Available Market Grid, Bettendorf, Iowa. A Grid Test of the Quad Cities is required and Fig. 1 shows the Quad Cities Grid Test executed as specified in Appendix B of DA 13-283.

Fig. 1 shows that on the proposed FM translator channel (247) and on any of the 1st through 3rd adjacent channels (244-246 and 248-250), there are only LPFM licensing opportunities on 2nd adjacent channel 249. Of the 14 LPFM site licensing opportunities on channel 295, the closest site is at coordinates N. 41°-41q25+, W. 90°-39q39+, NAD 27. This site is 21.802 km from the proposed transmitter site.

Fig. 2 shows that the proposed facility has a maximum distance to the 60 dB of less than 7.3 km. The required spacing between an LPFM and the proposed 2nd adjacent

FM translator is 8 km, much less than 21.802 km. Therefore, the new proposal will not preclude any identified LPFM channel/point licensing opportunity within the Bettendorf Spectrum Available Market Grid (or, for that matter, any other Market Grid).

Fig. 3 shows that the 60 dB of the proposed change overlaps that of the original tech box.