

**MINOR CHANGE APPLICATION**  
**DOCKINS COMMUNICATIONS, INC.**  
**KDKZ-LD DIGITAL LPTV STATION**  
**CH 18 - 494-500 MHZ - 15.0 KW**  
**FARMINGTON, MISSOURI**  
**March 2012**

**TECHNICAL STATEMENT**

This Technical Statement and attached exhibits were prepared on behalf of Dockins Communications, Inc. ("DCI"), licensee of LPTV station KDKZ-LD, Channel 18, Farmington, Missouri. DCI herein proposes to relocate KDKZ-LD to another tower site. As indicated on Exhibit A, the proposed 51 dBu (50/90) contour of the proposed digital KDKZ-LD overlaps with the authorized KDKZ-LD licensed digital 51 dBu (50/90) contour.

The antenna system for the proposed KDKZ-LD digital facility is to be located on an existing structure. Therefore, the Federal Aviation Administration was not apprised of this proposal. The tower on which the antenna is to be located has been registered with the Commission and assigned Antenna Structure Registration Number 1239530.

The proposed KDKZ-LD facility's operation on digital Channel 18 complies with the Commission's interference rules, based on the use of the Longley-Rice OET #69 Bulletin. It is noted that the terrain was sampled at 0.1 kilometer, and a signal cell size of 1.0 kilometer was used with 2000 Census population reviews.<sup>1</sup> Exhibit B is a tabulation of the results of the Longley-Rice review showing that the proposed facility causes no interference to any existing, applied for, or proposed facility, based on the database used on the indicated study date.

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1) The analysis was conducted using the Probe 3 computer model from V-Soft Communications which has been found to replicate the results of the Sun DTV computer model used by the Commission's staff in reviewing television applications.

No full service station receives predicted interference above 0.5% of its population as a result of this instant proposal. No secondary LPTV station receives predicted interference above 2.0% of its population as a result of this instant proposal.

Exhibit C is a review that shows the proposed KDKZ-LD digital antenna is in compliance with the Commission's RF exposure limits. All data used to certify compliance with the Commission's rules has been forwarded to DCI and is available for submission to the Commission on request.<sup>2</sup>

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2) The undersigned is certifying only the radio frequency exposure portion of the environmental analysis. All data regarding TV facilities was extracted from the CDBS database on the date of the interference study included herein. We assume no liability for errors or omissions in that database which may be adverse to the request made herein.