

**MINOR CHANGE APPLICATION**  
**ME3 COMMUNICATIONS COMPANY, LLC**  
**KXOK-LP DT LPTV STATION**  
**CH 31 - 572-578 MHZ - 3.7 KW**  
**ENID, OKLAHOMA**  
**June 2009**

**TECHNICAL STATEMENT**

This Technical Statement and attached exhibits were prepared on behalf of ME3 Communications Company, LLC ("ME3"), licensee of digital LPTV station KXOK-LP-DT, Channel 31, Enid, Oklahoma.<sup>1</sup> ME3 herein proposes to make minor changes in the facilities of KXOK-LP-DT by increasing power and deleting the directional antenna.

The antenna system for the proposed KXOK-LP-DT facility will be located on a pole mounted atop an existing building located in Enid, at the present KXOK-LP-DT site. The building has been registered with the FCC, and assigned Antenna Structure Registration Number 1236261. As such, the Federal Aviation Administration was not apprised of this proposal.

The proposed location for KXOK-LP-DT on Channel 31 complies with the Commission's interference rules, based on the use of the Longley-Rice OET-69 Bulletin.<sup>2</sup> It is noted that the terrain was sampled at 0.1 kilometer, and a signal cell size of 1.0 kilometer was used, with a 2000 Census population review. A simple emission mask was used in the calculations. The proposed Channel 31 digital facility will not cause unique interference to the

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- 1) ME3 is also the licensee of LPTV station KXOK-LP, Channel 32N, Enid, Oklahoma. KXOK-LP-DT is a digital companion channel for the analog KXOK-LP. Interference to KXOK-LP on Channel 32 is not considered. ME3 expects to turn in the license for KXOK-LP (analog) upon commencement of operation of the herein requested improved digital facility.
  - 2) The Longley-Rice model was implemented on the Probe 3 computer model from V-Soft Communications. This model has been found to closely replicate the results provided by the Commission's computer model.

population of any existing, applied for, or proposed facility, based on a percentage of the impacted station's total population. See Exhibit A for a tabulation of the outgoing interference analysis for the proposed digital operation of KXOK-LP-DT on Channel 31.<sup>3</sup> Since the antenna is to be mounted atop a building, attached as Exhibit B is a radio frequency radiation study which shows the proposed Channel 31 antenna system complies with the Commission's RF exposure guidelines.

It is noted that the proposed location is within 3.2 kilometers of AM station KCRC, 1390 kHz, Enid, Oklahoma. As the building and appurtenances located thereon have been in existence for many years, the replacement of the digital antenna on the pole mounted on top of the building is not expected to have any impact to the KCRC facilities. As such, it is respectfully requested that no pre-construction or post-construction measurements condition be placed on the herein requested facility.

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3) All data for TV facilities was extracted from the Commission's CDBS database. We assume no liability for errors or omissions in that database.