

WBKY(FM) – Stoughton, Wisconsin
ERI Model LP-2E-DA
Surveyor Discrepancy

May 3, 2023

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Continued)

History

The WBKY FM directional antenna should be oriented at 266°T, but was measured by the surveyor at 267°T (with a survey accuracy of +/- 1°).

Analysis

An error of one degree (1°) would still produce a reasonable representation of the field values. The measured horizontal plane pattern shapes for both H and V components exhibit very low gain and are free of deep nulls.

Surveyor statements that don't match with the DA antenna proof of performance are an unusual occurrence. I am hoping to have instructions and suggestions to coordinate surveyors and antenna installation crews [available soon](#).

ELECTRONICS RESEARCH, INC.



Dan Dowdle
ERI Test Range Director

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