

E-11 TECHNICAL REPORT

This technical report has been developed in support of an application for a minor modification to the FM translator W284BI, FCC file no. BLFT-20050215ABG. A change in the tower site is requested.

The data for all terrain utilized in this report and application exhibits were obtained from the V-Soft INTERDLG computer program, which utilizes the V-Soft 30 second terrain database. The proposed service (50,50) and relevant (50,10) interfering contours were calculated utilizing the same program which is based on the Commission's own F5050 program and data points, and produces contours congruent with Section 73.333 propagation curves.

Allocation exhibits are provided as required by FCC form 349 as follows:

- E-10 Plot demonstrating proposed translator service contour is contained within the corresponding contour of the primary station.
- E-11 Technical discussion
- E-12 Interference allocation study and interference plots to relevant stations
- E-16 W284BI Proposed Translator RF Analysis



Charles M. Anderson, October 27, 2005
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