

INTERFERENCE STUDY
PROPOSED KTTV-DT
CHANNEL 11 – LOS ANGELES, CALIFORNIA

The instant application specifies an ERP of 15 kw (omnidirectional) at 917 meters above average terrain, which we have determined to be allowable under the FCC's recently approved interference standards with respect to various digital television facilities as they will exist on or before February 17, 2009, the date by which all stations must operate with the parameters recently adopted in the Commission's DTV Table of Allotments.

In evaluating the interference effect of this proposal, we have relied upon the V-Soft Communications "Probe III" computer program, which has been found generally to mimic the FCC's program. In conducting our studies, we employed a cell size of 2.0 kilometers and an increment spacing of 1.0 kilometer along each radial. In addition, we utilized the 2000 U.S. Census. Changes in interference caused by proposed KTTV-DT to other pertinent stations are tabulated in Exhibit E-2.

As shown, the proposed KTTV-DT facility would not contribute more than 0.5% interference (beyond that which is caused by the allotted KTTV-DT facility) to the service population of any potentially affected post-transition DTV station.

A Longley-Rice interference study also reveals that the proposed KTTV-DT facility does not cause significant (0.5%) interference within the protected service contour of any potentially affected Class A low power television station.

Therefore, this proposal meets the FCC's *de minimis* interference standards for DTV operations.

EXHIBIT E-2

INTERFERENCE STUDY SUMMARY
PROPOSED KTTV-DT
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<u>Call Sign</u>	<u>City, State</u>	<u>CH.</u>	<u>Coverage Population</u>	<u>Interference Population From KTTV-DT*</u>	<u>%</u>
KGTV-DT Allotment	San Diego, CA	10	2,964,161	0	0

*Above that caused by the KTTV-DT allotment facility.