

Coverage Compliance
Unimas Los Angeles, LLC
KFTR-DT Ontario, CA
Ch 29 150 kW-DA (Aux) 930 m

KFTR-DT proposes to use the “transitional” facility, previously authorized under BDSTA-20050421ABY, for auxiliary purposes. That facility was used while the station’s application for a permanent digital transmission facility was awaiting Mexican concurrence.

The attached coverage map compares the noise-limited coverage contours for the licensed and proposed auxiliary operation of KFTR-DT. The azimuth pattern used for the licensed operation is that toward the radio horizon and specified in the Commission’s CDBS. It inherently takes into account the impact of elevation radiation pattern and mechanical beam tilt. The proposed auxiliary antenna has no mechanical tilt and its elevation radiation values over the span of horizon depression angles is above 0.9, so no adjustment has been made to the proposed auxiliary azimuth pattern or ERP.

The noise-limited contour for the proposed auxiliary operation does not extend beyond that of the licensed facility over any land territory, as shown on the attached map. A minimal contour extension occurs over the Pacific Ocean, in the direction of an uninhabited island. It is believed that the proposed operation complies with the “no extension” requirement for auxiliary facilities, but, should the Commission staff determine that a waiver is required for the extension over water, one is hereby requested

KFTR-DT Main & Proposed Auxiliary Coverage Contours

