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ENGINEERING REPORT

KQIE, Redlands, CA, Minor Modification for Upgrade to 284B1

This proposal is for an upgrade of KQIE(FM) to Class B1 and is contingent with a coordinated minor change that proposes to downgrade KOCP, Oxnard, CA 284B (facility id 25092) to Class B1.

The proposed KQIE(FM) 284B1 facility is 24.0 kilometers short-spaced to KCLZ(FM), Twentynine Palms, CA 283A (a transmitter site-to-transmitter site separation of 72.0 kilometers). (This is the minimum short-spacing permitted via Section 73.215 for a Class A-to-B1 first adjacent requirement.) Contour non-overlap to and from KCLZ is demonstrated and included with this application.

ENVIRONMENTAL

This proposal does not involve a site location specified under Section 1.1307(a) through (a)(8) of the FCC Rules.

The ERI SHPX-2AE-HW-SP (Type 3) antenna is predicted to have an RF field value of less than 9 uW per cm squared at ground level and is less than 5% of the allowed standard.