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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. (This is a re-filing of the exact same facilities for KQIE and KOCP that were proposed by contingent minor modification applications on December 4, 2019.)

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.