

Introduction and Description of Proposal

This engineering exhibit was prepared in support of a minor change application being filed by IHR Educational Broadcasting for authority to move K224DA (FCC Facility ID 143851) to Modesto, California, change channel to 250D, and change the ERP, HAAT and primary station under the provisions of the Class A/B filing window in the “Revitalization of the AM Radio Service”, MM docket 13-245.

Filing Window Eligibility

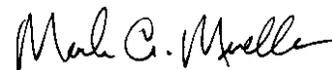
The primary station, KMPH, Modesto, California, (FCC Facility ID 41174) is a class-B AM station eligible for the July 29, 2016 window. The proposed transmitter site is an existing tower (ASRN 1035104), 193.8 miles from the authorized K224DA site, well within the 250-mile limit. The proposed 60 dBu contour is contained completely within a 25-mile radius of KMPH, and within the KMPH licensed 2 mV/m daytime service contour as shown on attached Exhibit 10.

Environmental Statement

The proposed facility requires no construction other than the attachment of the antenna and associated transmission line to an existing 129-meter tall tower. The worst-case power density at 3 meters above ground is 0.0014 mW/cm^2 , far below the uncontrolled space limit of 0.2 mW/cm^2 . The station will cease operation when personnel must be near the antenna for longer than allowed. The tower is secured behind a locked gate with warning signs posted.

This engineering exhibit was prepared by me and is true and correct to the best of my knowledge and belief.

July 29, 2016



Mark A. Mueller