

This amendment makes changes to the antenna pattern of the September 21, 2022 amendment—an amendment that was dismissed by the FCC on September 22, 2022. (The revised antenna pattern facility removes the contour overlap – both to and from – Facility ID No. 764204. The contour overlap with Facility ID No. 764204 was the only issue cited by the FCC in the dismissal notice.) The antenna pattern is the only significant change made by this new amendment.

Note that the September 21, 2022 amendment changed the proposed transmitter site and increased the proposed ERP to 50 kW (horizontal polarization only) with no other significant changes. A five bay full-wave spaced antenna will be employed in order to meet the radiation standard at two meters AGL around the proposed site.

This is now a Class C2 facility.

The proposed increase in ERP will place the 60 dBu F50,50 service contour over 85 percent of the community of Deming (when rounded to the nearest percentage) – well above the 50% community of license coverage requirement of this contour. This is a singleton application.

Note that the Population and Area information now has no bearing on the grantability of this singleton application (as amended) and those values are not revised (and will be revised upon request by the FCC).

The applicant complies with all pertinent rule sections for this application, including those mentioned in the form technical certifications.

For the underlying contour determinations of this application, all service contours are F50,50 contours as determined using Figure 1 of Section 73.333 of the FCC Rules. All interference contours are F50,10 contours as determined using Figure 1a of Section 73.333 of the FCC Rules. USGS 3 arc-second terrain data and a 1-degree azimuth increment have been used.

Note that all population data supplied in this application are based on the latest (year 2010) US Census Block Centroid Data. Only the population associated with a centroid that is located within the pertinent contour or area that is being studied is accumulated for a total population count. Similarly, the geographical area is determined using computerized software that divides the studied area into very small contiguous grid blocks. The small grid blocks that are located within the pertinent area under study are accumulated for a total count of the land area within the studied contour or area. (Large areas of water are excluded.)

There are no known channel 6 full service stations that require study pursuant to Section 73.525.