

WVKM-FM Ch 294 Matewan, WV

ENGINEERING STATEMENT

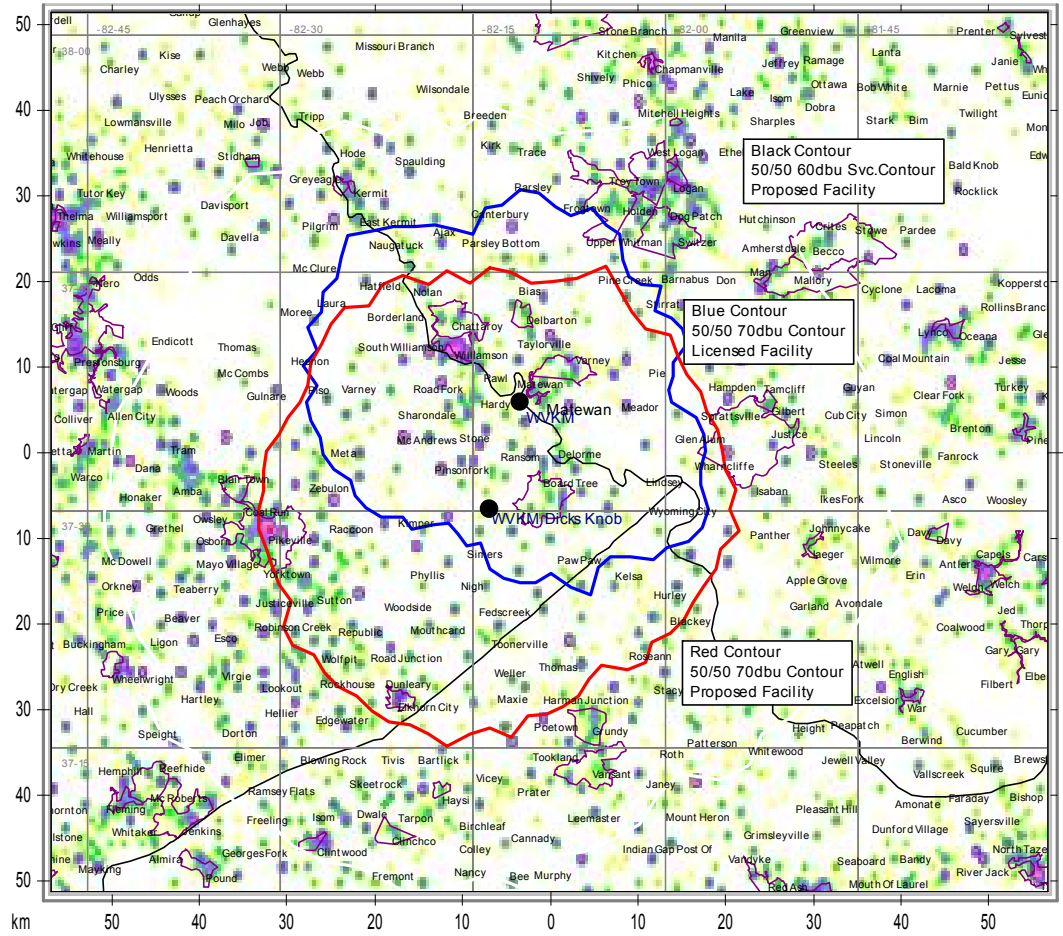
EXHIBIT 27 SECTION 73.315 Compliance

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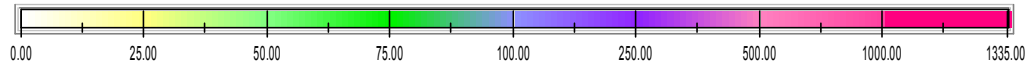
The contour map on page 2 shows the 70dbu contour of the proposed facility completely encompassing the city of license with no loss of service, thereby fulfilling the requirement of section 73.315.

The proposed facility predicts contour overlap with the previous site. No alternative method is necessary to demonstrate proper coverage. In addition, the studio is still located within the 70dbu contour as is the current licensed facility, thereby fulfilling studio location requirements.

Red= 50/50 70dbu City of License Contour Compliance Proposed Facility



Population Density Overlay



State Borders      City Borders      Lat/Lon Grid

Map Scale: 1:691584   1 cm = 6.92 km   V/H Size: 102.48 x 113.52 km

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