

RIDGELINE BROADCAST SERVICES, LLC

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April 27, 2021

Purpose of the minor mod application:

The construction permit specifies an antenna center of radiation above ground level as 20 meters but that tower space has been occupied by other antennas. This application specifies a move to 30 meters AGL on a different tower located on the same hilltop 36 meters distant. In addition the antenna to be installed has a slightly different relative voltage pattern and those values have been entered in the technical information. To compensate for the additional height and the pattern variation, the ERP has been reduced from 250 to 200 watts. I have studied the resulting 54 dbu interference contour and determined that it remains clear of interference to other stations as per the rules.

Note that the coordinates and site elevation entered here differ slightly from those values shown on the tower registration document. That document was generated at a time when it was much more difficult to determine those values accurately. Those coordinates are off by approximately 115 meters.



Daniel Mooney, technical consultant