

Introduction and Description of Proposal

This engineering exhibit was prepared in support of a minor change application being filed by Covenant Network for authority to move the W221DY (FCC Facility ID 144072) output frequency one channel from 221D to 220D and change the program delivery method to "other". No other changes are proposed.

Eligibility

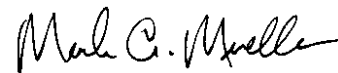
The primary station, WOLG, Carlinville, Illinois (FCC Facility ID 8882) is a class-A noncommercial FM station also licensed to Covenant Network. Section §74.1231(b) of the Rules allows direct-fed operation on a reserved channel (in this case 220) if the following condition is met:

- 1) The applicant demonstrates that:
 - (i) The transmitter site of the proposed FM translator station is within 80 kilometers of the predicted 1 mV/m contour of the primary station to be rebroadcast

The W221DY site is 80.9 kilometers from the WOLG site. The WOLG 60 dBu extends 27.2 kilometers in the direction of W221DY, resulting in the translator being 53.7 kilometers outside the WOLD 60 dBu contour, well within the 80 kilometer allowance of §74.1231(b)(1)(i).

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

March 1, 2017



Mark A. Mueller