



The technical exhibit of which this narrative is part was prepared to support an application for a construction permit for FM translator W272CD licensed to Dayton, Ohio. Translator W272CD is currently has a construction permit (BMPFT-20070216AAA, Facility ID 157110) to operate on channel 272D (102.3 MHz) with an effective radiated power (ERP) of 12 watts and an antenna radiation center (ARC) above ground of 50 meters.

The purpose of this instant application is to change the location, HAG, and power of W272CD. No other changes are expressed or desired.

This application is a minor change as permitted by 47 CFR 74.1233:

"(1) ... For FM translator stations, a major change is any change in frequency (output channel) except changes to first, second or third adjacent channels, or intermediate frequency channels, and any change in antenna location where the station would not continue to provide 1 mV/m service to some portion of its previously authorized 1 mV/m service area. All other changes will be considered minor."

Included as an additional exhibit is a map showing significant overlap of the proposed f(50,50) 60 dBu contour and the proposed f(50,50) 60 dBu contour. In order to facilitate this change we seek to move to tower ASR#1230636. This site will have an antenna radiation center (ARC) above ground of 86 meters. The proposed effective radiated power (ERP) is 40 watts.

Also attached, as additional exhibits, are a proposed facility contour map, proposed facility in relation to existing stations map, an exhibit showing compliance with 47 CFR 1204(d) interference compliance, and a channel search of channel 272.

If there are any questions, or additional information is required, please contact me at the information provided at the bottom of the page.

Sincerely,
Jeff Orr
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