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**Engineering STA Request
WMPA(FM) 226A Ferrysburg, Michigan
March 2023**

In connection with preparing to file an application for license to cover the construction permit 0000203812 for modification of WMPA (Facility ID 189472), spurious emissions measurements performed on the combined transmission system found that the "2A - B" mix products of WMPA and WGHN-FM were at a level greater than 80 dBc.

In order to expeditiously return WMPA to the air, additional measurements were performed by the consulting firm of Munn-Reese, which determined that WMPA could operate with an ERP of 250 watts, at which point the level of the mix products would satisfy the requirements of §73.317(d) of the Commission's Rules. The WMPA licensee therefore requests an engineering STA to operate the station at that power level, pending the installation of additional cavity filters which will allow operation at the full authorized 6 kW power level. Filters are being ordered and will be installed as expeditiously as possible, likely within the next few months. The licensee is eager to return the station to full power, particularly considering the authorized assignment of the station to West Central Michigan Media Ministries (see 0000186740). However, out of an abundance of caution the licensee requests a full six-month period for the engineering STA.

As is demonstrated on the attached contour map, the STA facility 60 dBu contour will be completely contained within the licensed WMPA 60 dBu contour.

March 16, 2023



Erik C. Swanson, P.E.
Consulting Engineer

