



**WDIV-TV Detroit, MI  
Construction Permit Application  
Technical Statement  
March 23, 2009**

WDIV-TV channel 45 Detroit, MI has a pending construction permit application to maximize its post DTV transition facility (BPCDT-20080620AFZ). That application has not yet been granted due to a lack of Canadian coordination; although, all domestic issues have been resolved including a negotiated interference agreement that resolved a mutually exclusive conflict with WNEO Alliance, OH.

Due to the uncertainty regarding a response time from Canada, WDIV-TV is proposing a slight modification to the parameters contained in its pending application that should allow the Commission to grant this application without the need to have Canadian concurrence.

**It is emphasized that this is a separate construction permit application and that the current application (BPCDT-20080620AFZ) as agreed to by the FCC staff will remain pending until Canadian concurrence has been received.**



The proposed change is to reduce the effective radiated power (ERP) from 872 kW to 862 kW. At the proposed new power level the WDIV-TV predicted service contour in the direction toward Canada would then be within that of the original (1998) WDIV-TV allotment facility previously agreed to by Canada.

Attached to this statement are maps showing the comparison of the WDIV-TV predicted service contours for the proposed power and the original WDIV-TV allotment facility. The maps also confirm that full City Grade coverage to Detroit, MI is also maintained.

<sup>1</sup>Since the only change to the facility proposed in the pending application is the very minor reduction in power from 872 kW to 862 kW no new technical issues would be raised that would preclude granting the proposal.

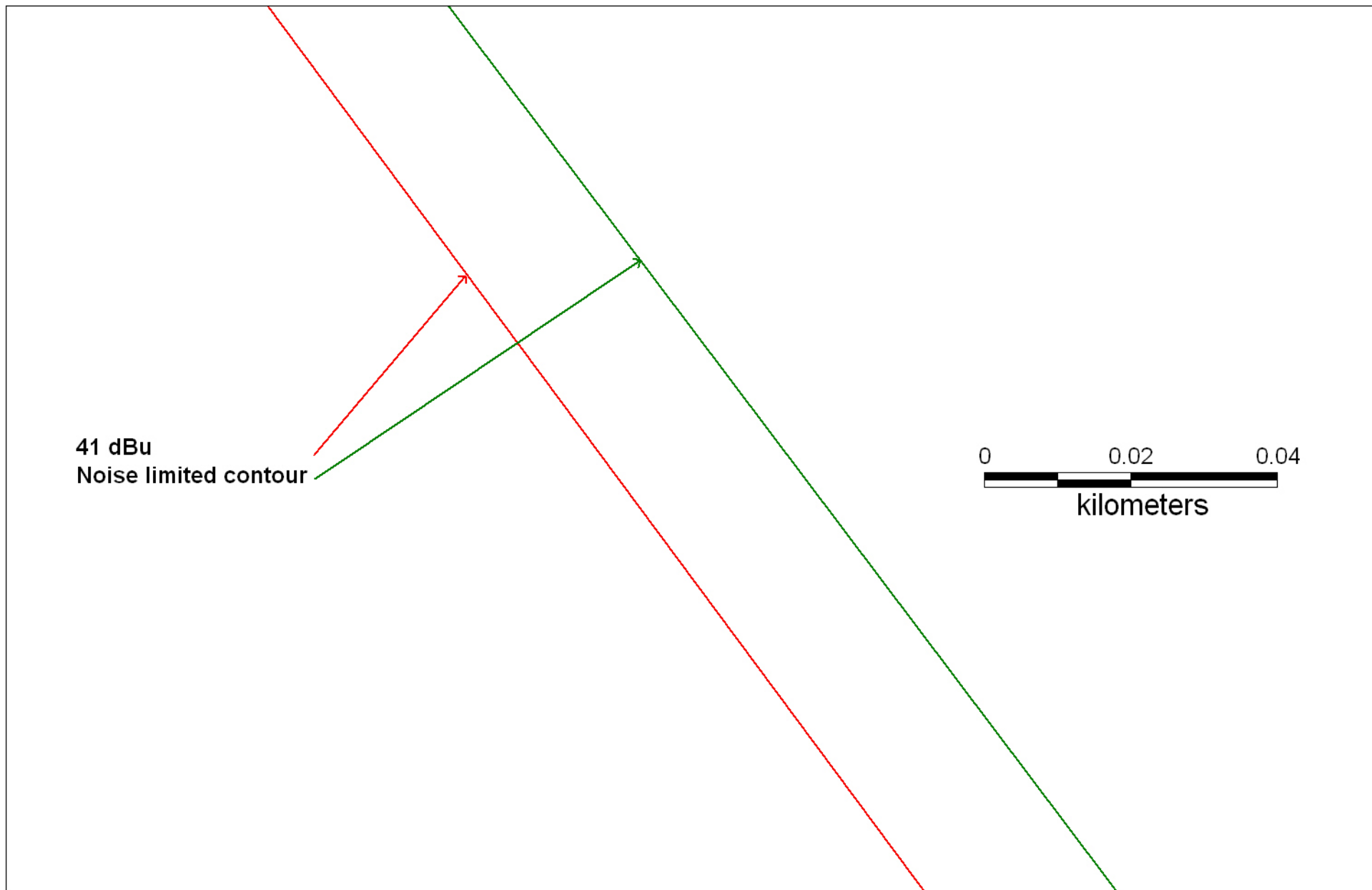
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<sup>1</sup> It is noted that there is one other minor correction to the previous application that does not affect either domestic or international concerns. The antenna polarization is being changed from circular to elliptical since the power in the vertical will be less than that in the horizontal.





**WDIV Channel 45 Detroit, MI**  
**Post-Transition Maximized Facility at 862 kW (Reduced from 872 kW) (RED)**  
**Original 1998 DTV Allotment (GREEN)**  
**Portion of contours in the direction of Canada**