



**Digital Companion Channel for W04BD Glens Falls, NY**  
**DTV Channel 48**  
**Radio Frequency Radiation Analysis**  
May 13, 2007

W04BD is a TV broadcast translator station licensed to Glens Fall, NY. It operates on analog channel 4 (66-72 Mhz) with an effective radiated power (ERP) of 0.049 kW with an antenna center of radiation 38 meters above ground (AGL). The proposed digital companion channel for W04BD is channel 48. The proposed facility will operate with an ERP of 15.0 kW at the same elevation AGL as analog W04BD (38 m).

A previous RFR analysis of this location prepared in January 2007 for analog station W04BD indicated that the worst case exposure from all sources to be 8.23% of the allowable limit for uncontrolled areas accessible by the general public.

The calculated worst case exposure from the proposed digital facility is 3.8% of the allowable limit for uncontrolled areas. Therefore, the total exposure from all sources is calculated to be only 12.3% of the allowable limit.

All analyses in this report are based on the use of FCC OET Bulletin 65 and on the available station parameters found in the FCC database. Some information not available from the FCC database has either been provided by the licensee or is based on reasonable conservative assumptions for the operation of the other stations in the area of consideration.

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