

**ENGINEERING STATEMENT
MARYLAND PUBLIC BROADCASTING COMMISSION
MINOR MODIFICATION OF CONSTRUCTION PERMIT 0000025179
WGPT, OAKLAND, MD**

GRANTED: CH 26, 80.8 KW (H) / 39.7 kW (V) -DIRECTIONAL, 283 m HAAT

PROPOSED: CH 26, 200 KW (H) / 96.6 kW (V) -DIRECTIONAL, 283 m HAAT

This statement supports an application by Maryland Public Broadcasting Commission, licensee of WGPT, to modify construction permit, file number 0000025179, to construct its assigned post-auction television repack facility.

Applicant proposes to operate on the assigned repack channel of 26 with an Effective Radiated Power of 200 kW in the horizontal plane and 96.6 kW in the vertical plane at an antenna height of 1057.5 m AMSL. Applicant also proposes to rotate the antenna pattern 310 degrees to optimize coverage.

An interference analysis was performed pursuant to the parameters used by the Commission for application interference processing. The results of the analysis showed that the proposed operation for WGPT is not predicted to cause interference in excess of that allowed by the rules. The analysis was performed using the methodology stated in OET-69 using the same software (TVStudy v2.2.3) utilized by the Commission and, therefore, should yield similar results.