

**ENGINEERING STATEMENT ON BEHALF OF
WHDH-TV, BOSTON, MASSACHUSETTS
CHANNEL 7, ERP 29.7 KW, HAAT 306 METERS**

This Engineering Statement, prepared on behalf of WHDH-TV, licensee of WHDH-DT, Boston, Massachusetts, is in support of an application for construction permit maximizing the post-transition operation of WHDH-DT. The current authorization for digital operation of WHDH-DT is on channel 7 with 15.4 kW average effective power, circularly polarized, and height above average terrain of 306 meters. The maximized operation will involve increasing average effective radiated power to 29.7 kW, horizontally polarized, employing the existing Channel 7, Dielectric traveling wave antenna with no change in arrangement of the antenna on the tower.

Studies previously conducted using the tv_process FCC computer program indicate that no interference would be caused to any other station in excess of that allowable under the adopted interference standards proposed in the *Third DTV Periodic Review NPRM*.