

RF RADIATION ANALYSIS
ENGLE BROADCASTING
WPSJ-LP CHANNEL 51 DTV LPTV
HAMMONTON, NEW JERSEY
OCTOBER 2006

The proposed antenna system consists of a PSI Model PSILP16AW, 16 slot, horizontally polarized, antenna, with a radiation center 267 meters above ground. Formula 10 of OET Bulletin No. 65, Edition 97-01, page 22, has been used to calculate power density. A value F of 0.2 has been used to calculate the power density 2 meters above ground. The maximum power density is 0.285 uW/cm squared for an ERP of 15,000 watts. This value is 0.06% of the allowable 463.3 uW/cm squared power density for uncontrolled environments for TV Channel 51 and, thus, is believed to be categorically excluded from environmental processing.

The tower base is fenced to prevent unauthorized access.

The applicant will reduce power, or cease transmission, as required to meet FCC OET-65 guidelines for worker exposure.