

EXPLANATION OF MODIFICATION & TPO CALCULATIONS

Licensee has replaced coax with 194 ft. of 7/8" Heliax foam dielectric.

$TPO = ERP / \text{Antenna Gain} / \text{System Efficiency}$

$250 \text{ watts} / 1.01 / 84.01\% = 295(\text{rounded})$

$ERP = TPO \times \text{System Efficiency} \times \text{Antenna Gain}$

$295 \times .8401 \times 1.01 = 250 \text{ (rounded)}$