

**CALCULATION OF TRANSMITTER POWER OUTPUT**

Concerning the calculation of transmitter power output (TPO), the 26.158 kW figure includes 25.152 kW for WIYY's herein authorized auxiliary analog operation and 1.006 kW for WIYY's -14 dBc IBOC operation. Thus, based on consideration of a transmission system efficiency of 74.3% and an antenna power gain of 0.461, an analog TPO of 25.152 kW produces the authorized analog ERP of 8.6 kW.