

Exhibit E-7

The specified transmitter power output produces the authorized effective radiated power. The antenna utilized by the facility is an ERI LPX-4C. This particular antenna type has a power gain of 2.133. The input power to the antenna is therefore 7.97 kW.

Between the antenna and the transmitter are two different sections of transmission line. The first section of transmission line is Andrew LDF5-50A of a length of 780 feet. Based on the published data from the manufacturer, the efficiency of this section of line at the frequency of operation is 0.6996. The required power at the input of this portion of transmission line to achieve the authorized effective radiated power is 11.39 kW.

The second length of transmission line consists of 40 feet of 1 5/8" EIA Myat rigid transmission line. The fractional efficiency of this section of transmission line is 0.9834. The input to this section of transmission line is the output of the transmitter. The resulting transmitter power output is thus 11.58 kW, which rounds to 11.6 kW, which is the specified transmitter power output.