



Table 1

Auxiliary Antenna / Line System Gains and Losses

prepared for

Greater Washington Educational Telecommunications Association

WETA(FM) Washington, DC

Auxiliary Antenna License File Number: BXLED-20090826ABE

Authorized Effective Radiated Power: 12.5 kW 10.97 dBk

Antenna System

SHI 6810BB-2R-PS

Max Power Gain:

0.988

-0.05 dBd

Antenna Input Power:

12.7 kW

Line and Other Losses

Transmission Line

Loss:

0.71 dB

Andrew HJ7-50A, 110.3 meter length

Other Losses

--- None ---

Total Losses:

0.71 dB

Transmitter Power Output:

14.9 kW

11.73 dBk

TPO Rounded per §73.212:

15.0 kW