

**System Gains and Losses**  
**CBS Radio Stations Inc.**  
WLZL(FM) College Park, Maryland  
Facility ID 20983  
Ch. 300B 49 kW(Max-DA)

License Modification to BLH-20151218AEF

**Proposed Effective Radiated Power:                      49.00 kW                      16.902 dBk**

---

**Antenna System**

ERI 1183-6CP-COG-DA

Max Power Gain:                      4.176                      6.208 dB

**Antenna Input Power:                      11.722 kW                      10.694 dBk**

---

**Line and Other Losses**

HJ8-50B 3-inch Air Heliac - 479 Feet	Loss:	0.709 dB
3 1/8-inch Rigid Coaxial Cable - 16 Feet		0.016 dB
Bandpass Filter		0.159 dB
Coaxial Switch		0.100 dB

**Total Loss:                      0.984 dB**

---

**Transmitter Power Output:                      14.716 kW                      11.678 dBk**