

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
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Antenna System

ERI 1183-6CP-COG-DA

Max Power Gain:	4.176	6.208 dB
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Antenna Input Power:	11.722 kW	10.694 dBk
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Line and Other Losses

HJ8-50B 3-inch Air Helix - 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
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<u>Transmitter Power Output:</u>	14.716 kW	11.678 dBk
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