

**System Gains and Losses**  
**CBS Radio East Inc.**  
WDCH-FM Bowie, Maryland  
Facility ID 72177  
Ch. 256B 17 kW 151 m

License to Cover BXPB-20161129AAO

**Proposed Effective Radiated Power: 17.00 kW 12.304 dBk**

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**Antenna System**

ERI 1183-6CP-COG-DA

Max Power Gain: 2.696 4.307 dB

**Antenna Input Power: 6.310 kW 7.997 dBk**

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**Line and Other Losses**

HJ8-50B 3-inch Air Helix - 446 Feet	Loss:	0.629 dB
3 1/8-inch Rigid Coaxial Cable - 17 Feet		0.017 dB
Bandpass Filter		0.165 dB
Coaxial Switch		0.100 dB

**Total Loss: 0.911 dB**

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**Transmitter Power Output: 7.777 kW 8.908 dBk**