

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

Antenna System

ERI 1183-6CP-COG-DA

Max Power Gain: 2.696 4.307 dB

Antenna Input Power: 6.310 kW 7.997 dBk

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

Transmitter Power Output: 7.777 kW 8.908 dBk