

**AMEND BMLH-20040623ABQ**  
**WDAS LICENSE LIMITED PARTNERSHIP**  
**WRDW-FM RADIO STATION**  
**CH 243B - 96.5 MHZ - 17.0 KW**  
**PHILADELPHIA, PENNSYLVANIA**  
**July 2004**

**EXHIBIT B**

**WRDW-FM Transmission System Calculations**

Effective Radiated Power:

Horizontal	17.0 kilowatts
Vertical	17.0 kilowatts

Antenna:

Shively Labs  
6014-2/3  
2 bay (three around) full wavelength panel  
0.996

Horizontal gain

Transmission Line:  
(900 feet)

Cablewave Systems HCC 300-50J  
3 inch air dielectric  
77.2% Efficiency

Required Transmitter Power Output  
To Reach Effective Radiated Power:

22.11 kilowatts

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Facilities Authorized:

Channel 243B - 96.5 MHz

Effective Radiated Power:

17.0 kilowatts (H/V)

Geographic Coordinates:<sup>2</sup>

North Latitude 40° 02' 19"  
West Longitude 75° 14' 14"

Antenna Center of Radiation:

Above Ground 256.0 meters  
Above MSL 332.0 meters<sup>3</sup>  
HAAT 266.0 meters<sup>4</sup>

Antenna Structure Registration #:

1026755

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- 2) Based on the corrected coordinates.  
3) Based on the corrected site elevation.  
4) See note 3 supra.