

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
Horizontal gain 0.996

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

Facilities Authorized:

Channel 243B - 96.5 MHz

Effective Radiated Power:

17.0 kilowatts (H/V)

Geographic Coordinates:²

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

Antenna Center of Radiation:

Above Ground	256.0 meters
Above MSL	332.0 meters ³
HAAT	266.0 meters ⁴

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.