

**MODIFY BLH-7142**  
**MAVERICK MEDIA OF EAU CLAIRE LICENSE LLC**  
**WAXX RADIO STATION**  
**CH 283C - 104.5 MHZ - 100.0 KW**  
**EAU CLAIRE, WISCONSIN**  
**January 2012**

**EXHIBIT B**

**WAXX Transmission System Calculations**

Effective Radiated Power:	100.00 kilowatts (horizontal/vertical)
Antenna:	ERI SHPX-12AC 12 bay full wavelength spaced
Antenna gain	6.8781 horizontal/vertical
Transmission Line: (1,869 feet)	ERI Corporation 4 1/16 4 1/16 inch rigid air dielectric 72.1% Efficiency
Transmission Line: (31 feet)	ERI Corporation MAX-350 3 inch rigid air dielectric 99.3 Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	20.3 kilowatts (for full power operation)

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Facilities Authorized:	Channel 283C - 104.5 MHZ
Effective Radiated Power:	100.0 kilowatts (H/V)
Geographic Coordinates: <sup>1</sup>	North Latitude 44° 39' 50" West Longitude 90° 57' 40"
Antenna Center of Radiation:	Above Ground 539.0 meters <sup>2</sup> Above MSL 869.0 meters <sup>3</sup> HAAT 549.0 meters
Antenna Structure Registration #:	1033664

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- 1) Corrected value.
  - 2) See Footnote 1 supra.
  - 3) See Footnote 1 supra.