

**APPLICATION FOR STATION LICNESE**  
**BREWER BROADCASTING CORP.,**  
**WOLK FM RADIO STATION**  
**CH 241B - 96.1 MHZ - 50.0 KW**  
**RICHMOND, INDIANA**  
**March 2013**

**EXHIBIT A**

**WOLK Transmission System Calculations**

Effective Radiated Power:	50.0 kilowatts (H/V)
Antenna:	ERI FMHA-6AE 6 bay full wavelength antenna
Power gain:	3.3028
Transmission Line: (525 feet)	Andrew HJ8-50B 3 inch air dielectric 84.7% efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	17.87 kilowatts

---

Corrected Facility:	Channel 241B - 96.1 MHz
Effective Radiated Power:	50.0 kilowatts (H/V)
Geographic Coordinates: <sup>1</sup>	North Latitude 39° 53' 29" West Longitude 84° 56' 10"
Antenna Center of Radiation:	Above Ground 142.0 meters Above MSL 474.0 meters HAAT 150.0 meters
Antenna Structure Registration:	1029152

---

1) Corrected coordinates