

**APPLICATION FOR STATION LICENSE**  
**CITICASTERS LICENSES, INC.**  
**WOGB (FM) RADIO STATION**  
**CH 276C3 - 103.1 MHZ - 3.6 KW**  
**REEDSVILLE, WISCONSIN**  
**September 2013**

**EXHIBIT A**

**WOGB Transmission System Calculations:**

Effective Radiated Power: 3.6 Kilowatts (Horizontal/Vertical)

Antenna: Dielectric  
DCRM2CH  
2 bay half wavelength spaced  
Power Gain: 1.0

Transmission Line: Andrew HJ12-50B  
(430 feet) 2 1/4 " air dielectric  
72.0% Efficiency

Required Transmitter Power Output  
To Reach Effective Radiated Power: 5.0 Kilowatts (5,000 watts)

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Channel: 276C3 - 103.1 MHZ

Effective Radiated Power: 3.6 Kilowatts (H/V)

Geographic Coordinates: North Latitude 44° 21' 32"  
West Longitude 87° 59' 07"

Antenna Center of Radiation: AGL 219.0 meters  
AMSL 512.0 meters  
HAAT 269.0 meters

ASRN: 1037793