

**APPLICATION FOR STATION LICENSE**  
**MILLER COMMUNICATIONS, INC.**  
**WWBD (FM) RADIO STATION**  
**CH 239C3 - 95.7 MHZ - 11.0 KW**  
**BAMBERG, SOUTH CAROLINA**  
**September 2005**

**EXHIBIT A**

**WWBD Transmission System Calculations**

Effective Radiated Power:	
Horizontal	11.0 kilowatts
Vertical	11.0 kilowatts
Antenna:	Electronics Research, Inc. LPX-5E 5 bay full wavelength spaced antenna
Horizontal gain	2.7154
Transmission Line:	Andrew HJ7-50A
(455 feet)	1 5/8" inch air 80.96% Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	5.004 kilowatts

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Facilities Authorized:	Channel 239C3 - 95.7 MHz
Effective Radiated Power:	11.0 kilowatts (H/V)
Geographic Coordinates:	North Latitude 33° 19' 38" West Longitude 80° 57' 09"
Antenna Center of Radiation:	Above Ground 146.6 meters Above MSL 192.0 meters HAAT 145.3 meters
Antenna Structure Registration #:	1247228