

**APPLICATION FOR STATION LICENSE**  
**GLORY COMMUNICATIONS, INC.**  
**W240AX FM TRANSLATOR STATION**  
**CH 240D - 95.9 MHZ - 0.25 KW**  
**COLUMBIA, SOUTH CAROLINA**  
**May 2008**

**EXHIBIT A**

**W240AX Transmission System Calculations**

Effective Radiated Power:

Horizontal	0.25 kilowatt
Vertical	0.25 kilowatt

Antenna:	Shively Labs 6812-1 1 bay half wavelength
Antenna System Power Gain	0.46

Transmission Line: (725 feet)	Andrew LDF5-50A 7/8 inch air dielectric 54.7% Efficiency
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Required Transmitter Power Output To Reach Effective Radiated Power:	0.994 kilowatt (994 watts)
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Facilities Authorized:	Channel 240D - 95.9 MHz
Effective Radiated Power:	0.250 kilowatt (H/V)
Geographic Coordinates:	North Latitude 33° 57' 34" West Longitude 81° 02' 28"
Antenna Center of Radiation:	Above Ground 98.0 meters Above MSL 139.0 meters
Antenna Structure Registration #:	1212033