

**APPLICATION FOR STATION LICENSE**  
**MILLER COMMUNICATIONS, INC.**  
**W247BN FM TRANSLATOR STATION**  
**CH 247D - 97.3 MHZ - 0.25 KW**  
**SANTEE, SOUTH CAROLINA**  
**May 2009**

**EXHIBIT A**

**W247BN Transmission System Calculations**

Effective Radiated Power: Horizontal	0.250 kilowatt (H)
Antenna:	Scala Model HDCA-5 One bay horizontally polarized antenna
Antenna System Gain	5.623
Transmission Line: (50 feet)	Andrew Corporation LDF4-50A 1/2 inch foam dielectric 92.5% Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	0.048 kilowatt (48 watts)

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Facilities Authorized:	Channel 247D - 97.3 MHz
Effective Radiated Power:	0.25 kilowatt (H)
Geographic Coordinates:	North Latitude 33° 23' 08" West Longitude 80° 31' 56"
Antenna Center of Radiation:	Above Ground 10.0 meters Above MSL 45.0 meters
Antenna Structure Registration #:	N/A