

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

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