

APPLICATION FOR STATION LICENSE
MILLER COMMUNICATIONS, INC.
WSCZ (FM) RADIO STATION
CH 230C3 - 93.9 MHZ - 8.9 KW
WINNSBORO, SOUTH CAROLINA
July 2010

EXHIBIT A

WSCZ Main Transmission System Calculations

Effective Radiated Power:	8.9 kilowatts (H/V)
Antenna:	Electronics Research, Inc. LP-5E 5 bay full wavelength spaced
Power gain:	2.7154
Transmission Line: (457 feet)	Andrew HJ7-50A 1 5/8 inch air dielectric 81.0% Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	4.046 kilowatt (4,046 watts)

Facilities Authorized:	Channel 230C3 - 93.9 MHz
Effective Radiated Power:	8.9 kilowatts (H/V)
Geographic Coordinates:	North Latitude 34° 21' 47.0" West Longitude 80° 54' 40.0"
Antenna Center of Radiation:	Above Ground 148.0 meters Above MSL 282.0 meters HAAT 166.0 meters
Antenna Structure Registration #:	1264762