

APPLICATION FOR STATION LICENSE
RADIO POWER, INC.
W276BH FM TRANSLATOR STATION
CH 276D - 103.1 MHz - 0.25 KW (V)
HOLLY SPRINGS, MISSISSIPPI
October 2010

EXHIBIT A

W276BH Transmission System Calculations

Effective Radiated Power:	0.25 kilowatt (V)
Antenna:	NatComm CFM-95SL 5/8 wave LPFM Broadcast Antenna
Antenna System Power Gain:	1.365
Transmission Line: (100 feet)	Andrew Corporation FSJ4-50B 1/2 inch foam dielectric superflex 78.4% Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	0.234 kilowatt (234 watts)

Facilities Authorized:	Channel 276D - 103.1 MHz
Effective Radiated Power:	0.25 kilowatt (V)
Geographic Coordinates:	North Latitude 34° 38' 13" West Longitude 89° 34' 10"
Antenna Center of Radiation:	Above Ground 9.0 meters Above MSL 207.0 meters
Antenna Structure Registration #:	N/A