

**APPLICATION FOR STATION LICENSE**  
**CENTRAL FLORIDA EDUCATIONAL FOUNDATION, INC.**  
**WPOZ (FM) RADIO STATION**  
**CH 202C2 - 88.3 MHZ - 2.3 KW**  
**UNION PARK, FLORIDA**  
**November 2002**

**EXHIBIT #A**

**WPOZ Transmission System Calculations**

Effective Radiated Power:

Horizontal	2.3 kilowatts
Vertical	2.3 kilowatts

Antennas:

	Dielectric DCR-M1
	1 bay full wavelength
Horizontal gain	0.46

Transmission Line:  
(1,400 feet)

Dielectric Series 70  
3 1/8 inch air dielectric (rigid)  
75.05% Efficiency

Required Transmitter Power Output  
To Reach Effective Radiated Power:

6.67 kilowatts

---

Facilities Authorized:

Channel 202C2 - 88.3 MHz

Effective Radiated Power:

2.3 kilowatts (H/V)

Geographic Coordinates:

North Latitude	28° 36' 07"
West Longitude	81° 05' 37"

Antenna Center of Radiation:

Above Ground	396.0 meters
Above MSL	416.0 meters
HAAT	404.0 meters

Antenna Structure Registration Number:

1026744