

RE-LICENSE FORMER MAIN AS AUXILIARY
CENTRAL FLORIDA EDUCATIONAL FOUNDATION, INC.
WPOZ (FM) RADIO STATION
CH 202C2 - 88.3 MHZ - 1.8 KW
UNION PARK, FLORIDA
March 2003

EXHIBIT A

WPOZ Transmission System Calculations

Effective Radiated Power:	
Horizontal	1.8 kilowatt
Vertical	N/A kilowatt
Antenna:	Harris Corp. TAD-6MB-3/18
	6 bay
Horizontal gain	4.2 ²
Transmission Line:	Dielectric Communications Digitline
(1550 feet)	6 1/8" rigid air dielectric
	84.8% efficiency
Combiner:	Electronics Research 960-8
	Insertion Loss -0.628
	Efficiency 86.537%
Required Transmitter Power Output To Reach Effective Radiated Power:	0.584 kilowatts

Facilities Authorized:	Channel 202C2 - 88.3 MHz
Effective Radiated Power:	1.8 kilowatts (H)
Geographic Coordinates:	North Latitude 28° 36' 07"
	West Longitude 81° 05' 37"
Antenna Center of Radiation:	Above Ground 438.0 meters
	Above MSL 458.0 meters
	HAAT 446.0 meters
FCC Tower Registration Number:	1026744