

**APPLICATION FOR STATION LICENSE**  
**ARSO RADIO CORPORATION**  
**WPRM-FM (AUX) RADIO STATION**  
**CH 253B - 98.5 MHZ - 10.0 KW**  
**SAN JUAN, PUERTO RICO**  
**October 2005**

**EXHIBIT A**

**WPRM-FM Auxiliary Transmission System Calculations**

Effective Radiated Power:

Horizontal	10.0 kilowatts
Vertical	10.0 kilowatts

Antenna:	Shively Labs
	6813-6 - 6 bay full wavelength
Horizontal gain	3.28

Transmission Line:	Andrew Corp.
(145 feet)	7/8 inch air dielectric
	88.5% Efficiency

Required Transmitter Power Output To Reach Effective Radiated Power:	3.444 kilowatts
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Facilities Authorized:	Channel 253B - 98.5 MHz
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Effective Radiated Power:	10.0 kilowatt (H/V)
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Geographic Coordinates:	North Latitude	18° 06' 47"
	West Longitude	66° 03' 06"

Antenna Center of Radiation:	Above Ground	34.0 meters
	Above MSL	916.0 meters
	HAAT	558.0 meters

Antenna Structure Registration #:	N/A
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