

APPLICATION FOR STATION LICENSE
RTG RADIO, LLC
WQPW (FM) RADIO STATION
CH 239C2 - 95.7 MHZ - 32.0 KW
VALDOSTA, GEORGIA
August 2007

EXHIBIT A

WQPW Transmission System Calculations

Effective Radiated Power:	
Horizontal	32.0 kilowatts
Vertical	32.0 kilowatts
Antenna:	Harris/Electronics Research, Inc. FMH-5AE 5 bay full wavelength spaced
Antenna horizontal gain	2.7154
Transmission Line: (600 feet)	Cablewave HCC300-50J 3 inch air dielectric 84.2% Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	13.996 kilowatts

Facilities Authorized:	Channel 239C2 - 95.7 MHZ
Effective Radiated Power:	32.0 kilowatts (H/V)
Geographic Coordinates:	North Latitude 30° 42' 07" West Longitude 83° 06' 54"
Antenna Center of Radiation:	Above Ground 188.0 meters Above MSL 232.0 meters HAAT 185.0 meters
Antenna Structure Registration Number:	1019857