

APPLICATION FOR AUXILIARY STATION LICENSE

RTG RADIO, LLC

WQPW (FM) RADIO STATION

CH 239C2 - 95.7 MHZ - 1.9 KW

VALDOSTA, GEORGIA

August 2007

EXHIBIT A

WQPW Auxiliary Transmission System Calculations

Effective Radiated Power:

Horizontal

1.9 kilowatts

Vertical

1.9 kilowatts

Antenna:

Jampro Antennas

JDIY-2

2 bay full wavelength spaced

Antenna horizontal gain

0.955

Transmission Line:

Cablewave FLC-78-50

(240 feet)

7/8 inch air dielectric

81.8% Efficiency

Required Transmitter Power Output

To Reach Effective Radiated Power:

2.43 kilowatts

Facilities Authorized:

Channel 239C2 - 95.7 MHZ

Effective Radiated Power:

1.9 kilowatts (H/V)

Geographic Coordinates:

North Latitude 30° 50' 05"

West Longitude 83° 17' 57"

Antenna Center of Radiation:

Above Ground 72.0 meters

Above MSL 127.0 meters

HAAT 70.0 meters

Antenna Structure Registration Number:

1019856