

MODIFY BXLH_20051209AFU
RADIO LICENSE HOLDING II, LLC
WYAY AUXILIARY FM ANTENNA
WYAY RADIO STATION
CH 294C - 106.7 MHZ - 28.5 KW
GAINESVILLE, GEORGIA
October 2011

EXHIBIT A

WYAY Auxiliary Transmission System Calculations

Effective Radiated Power: 28.5 kilowatts (Horizontal/Vertical)

Antenna: Dielectric Antenna HDRM-4
4 bay full wavelength spaced
Horizontal gain 2.1 (power gain)

Transmission Line: Andrew Corp HJ8-50B
3" air dielectric
(1,825 feet) 54.4% Efficiency

Required Transmitter Power Output
To Reach Effective Radiated Power: 24.94 kilowatts

Facilities Authorized: Channel 294C - 106.7 MHz

Effective Radiated Power: 28.5 kilowatts (H/V)

Geographic Coordinates: North Latitude 33° 52' 02"
West Longitude 83° 49' 44"

Antenna Center of Radiation: Above Ground 510.0 meters
Above MSL 745.0 meters
Above HAAT 478.0 meters

Antenna Structure Registration #: 1238554