

APPLICATION FOR STATION LICENSE
JMD, INC.
WZNF (FM) RADIO STATION
CH 237C0 - 95.3 MHZ - 100.0 KW (DA)
LUMBERTON, MISSISSIPPI
February 2008

EXHIBIT A

WZNF Transmission System Calculations

Effective Radiated Power:	
Horizontal	100.0 kilowatts
Vertical	98.0 kilowatts
Antenna:	Shively Labs 6810-10-DA 10 bay full wavelength spaced
Horizontal gain:	9.837 (horizontal) 9.642 (vertical)
Transmission Line: (1480 feet)	Dielectric EHT 3 inch air dielectric 72.5 % Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	14.0216 kilowatts

Facilities Authorized:	Channel 237C0 - 95.3 MHz
Effective Radiated Power:	100.0 kilowatts (H/V)
Geographic Coordinates:	North Latitude 30° 45' 05" West Longitude 89° 03' 24"
Antenna Center of Radiation:	Above Ground 430.0 meters Above MSL 482.0 meters HAAT 435.0 meters
Antenna Structure Registration #:	1258237