

**APPLICATION FOR STATION LICENSE**  
**TELESOUTH COMMUNICATIONS, INC.**  
**WKBB RADIO STATION**  
**CH 265C2 - 100.9 MHZ - 47.0 KW (DA)**  
**MANTEE, MISSISSIPPI**  
**July 2011**

**EXHIBIT A**

**WKBB Transmission System Calculations**

Effective Radiated Power:	47.0 kilowatts (H/V)
Antenna:	Electronics Research, Inc. MP-8C-DA-HW 8 bay half wavelength spaced
Power gain:	3.556
Transmission Line: (476 feet)	Andrew HJ8-50B 3 inch air dielectric 85.7% Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	15.423 kilowatts

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Facilities Authorized:	Channel 265C2 - 100.9 MHz
Effective Radiated Power:	47.0 kilowatts (H/V)
Geographic Coordinates:	North Latitude 33° 40' 43.0" West Longitude 88° 48' 18.0"
Antenna Center of Radiation:	Above Ground 146.0 meters Above MSL 230.0 meters HAAT 155.0 meters
Antenna Structure Registration #:	1229823