

**APPLICATION FOR STATION LICENSE**  
**OPUS BROADCASTING TALLAHASSEE, LLC**  
**WANK (FM) AUXILIARY RADIO STATION**  
**CH 260A - 99.9 MHZ - 0.90 KW**  
**LAFAYETTE, FLORIDA**  
**August 2011**

**EXHIBIT A**

**WANK Auxiliary Transmission System Calculations**

Effective Radiated Power:	0.90 kilowatt (H/V)
Antenna:	Bext - Model TFC2K 2 bay full wavelength spaced
Power gain:	0.99
Transmission Line: (140 feet)	Andrew LDF5-50A 7/8 inch foam dielectric 88.8% Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	1.024 kilowatt (1,024 watts)

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Facilities Authorized:	Channel 260A - 99.9 MHz
Effective Radiated Power:	0.90 kilowatt (H/V)
Geographic Coordinates:	North Latitude 30° 29' 38.0" West Longitude 84° 13' 57.0"
Antenna Center of Radiation:	Above Ground 33.0 meters Above MSL 93.0 meters HAAT 55.0 meters
Antenna Structure Registration #:	1025642