

**APPLICATION FOR STATION LICENSE**  
**WZEZ, INC.**  
**WZEZ (FM) RADIO STATION**  
**CH 263A - 100.5 MHZ - 2.6 KW**  
**GOOCHLAND, VIRGINIA**  
**November 2008**

**EXHIBIT A**

**WZEZ Transmission System Calculations**

Effective Radiated Power:	
Horizontal	2.60 kilowatts
Vertical	2.60 kilowatts
Antenna:	Electronics Research, Inc. Model LPX-2AE-HW 2 bay half wavelength spaced
Horizontal gain:	0.702
Transmission Line: (507 feet)	Andrew Corporation - HJ7-50A 1 5/8 inch air dielectric 78.4% Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	4.724 kilowatts

---

Facilities Authorized:	Channel 263A - 100.5 MHz
Effective Radiated Power:	2.60 kilowatts (H/V)
Geographic Coordinates:	North Latitude 37° 47' 37" West Longitude 77° 55' 57"
Antenna Center of Radiation:	Above Ground 150.0 meters Above MSL 248.0 meters HAAT 155.0 meters
Antenna Structure Registration #:	1255180