

**APPLICATION FOR STATION LICENSE**  
**REQUEST FOR PROGRAM TEST AUTHORITY**  
**BPED-20130307ABE**  
**BOARD OF REGENTS**  
**UNIV SYSTEM OF GA/VALDOSTA STATE UNIV**  
**WVVS-FM RADIO STATION**  
**CH 215A - 90.9 MHZ - 3.2 KW**  
**VALDOSTA, GEORGIA**  
**April 2016**

**EXHIBIT A**

**WVVS-FM (FM) Transmission System Calculations:**

Effective Radiated Power:	3.2 Kilowatt (Horizontal and Vertical)
Antenna:	Shively 6832-2 2 bay - 1.0 Wavelength Antenna
Power Gain:	0.994
Transmission Line:	LDF7-50A 1 5/8" foam dielectric 83.4 % Efficiency
312 ft (95.1 meters)	
Required Transmitter Power Output To Reach Effective Radiated Power:	3.86 Kilowatts (3,860 watts)

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Channel:	215A - 90.9 MHZ
Effective Radiated Power:	3.2 Kilowatts (Horizontal & Vertical)
Geographic Coordinates:	North Latitude 30° 50' 49" West Longitude 83° 14' 13"
Antenna Center of Radiation:	AGL 58.0 meters AMSL 119.0 meters HAAT 60.0 meters
Antenna Structure Registration Number:	N/A