

**APPLICATION FOR STATION LICENSE**  
**CITYWORKS COMMUNITY BROADCASTING, LLC**  
**WVMP (FM) RADIO STATION**  
**CH 268A -101.5 MHZ - 0.65 KW**  
**VINTON, VIRGINIA**  
**April 2012**

**EXHIBIT A**

**WVMP Transmission System Calculations**

Effective Radiated Power:	0.65 kilowatt
Antenna:	ERI / LPX-1E Single bay - circularly polarized Non-directional antenna
Power Gain	0.4611
Transmission Line: (151 feet)	Andrew Corporation HJ5-50 7/8 inch air dielectric 87.8% Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	1.606 kilowatt (1,606 watts)

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Facilities Authorized:	Channel 268A - 101.5 MHz
Effective Radiated Power:	0.65 kilowatt (Circular)
Geographic Coordinates:	North Latitude 37° 21' 54" West Longitude 79° 51' 57"
Antenna Center of Radiation:	Above Ground 34.0 meters Above MSL 630.0 meters HAAT 216.0 meters
Antenna Structure Registration #:	N/A