

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)

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