

APPLICATION FOR STATION LICENSE
SUSQUEHANNA RADIO CORP.
WRWM (FM) RADIO STATION
CH 230B1 - 93.9 MHZ - 8.4 KW
LAWRENCE, INDIANA
February 2012

EXHIBIT A

WRWM Transmission System Calculations

Effective Radiated Power:	
Horizontal/Vertical	8.4 kilowatts
Antenna:	Electronics Research, Inc. Model MPX-4E-HW 4 bay half wavelength spaced
Horizontal gain:	1.307
Transmission Line:	Andrew Corporation - HJ8-50B
(472 feet)	3 inch air dielectric cable 86.3% Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	7.447 kilowatts

Facilities Authorized:	Channel 230B1 - 93.9 MHZ
Effective Radiated Power:	8.4 kilowatts (H/V)
Geographic Coordinates:	North Latitude 39° 49' 39" West Longitude 85° 58' 51"
Antenna Center of Radiation:	Above Ground 138.0 meters Above MSL 393.0 meters HAAT 140.0 meters
Antenna Structure Registration #:	1241160