

**APPLICATION FOR STATION LICENSE**  
**CUMULUS LICENSING LLC**  
**W264AK FM TRANSLATOR STATION**  
**CH 264D - 100.7 MHZ - 0.082 KW**  
**TOLEDO, OHIO**  
**August 2010**

**EXHIBIT A**

**W264AK Transmission System Calculations**

Effective Radiated Power:	
Horizontal	0.082 kilowatt
Vertical	0.082 kilowatt
Antenna:	Shively Labs 6014-1/3 1 bay (3 around) circularly polarized panel antenna
Antenna System Power Gain	0.46
Transmission Line:	Andrew Corporation HJ5-50A
(364 feet)	7/8 inch air dielectric 73.3% Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	0.2432 kilowatt (243.2 watts)

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Facilities Authorized:	Channel 264D - 100.7 MHz
Effective Radiated Power:	0.082 kilowatt (H/V)
Geographic Coordinates:	North Latitude     41° 38' 49" West Longitude     83° 36' 18"
Antenna Center of Radiation:	Above Ground     105.0 meters Above MSL         292.0 meters
Antenna Structure Registration #:	1054371