

APPLICATION FOR STATION LICENSE
CUMULUS LICENING LLC
KDVB (FM) RADIO STATION
CH 245A - 96.9 MHZ - 0.12 KW
EFFINGHAM, KANSAS
March 2008

EXHIBIT A

KDVB Transmission System Calculations

Effective Radiated Power:	
Horizontal	0.12 kilowatts
Vertical	0.12 kilowatts
Antenna:	Systems with Reliability-SWR FMEC/1
	1 bay full wavelength spaced antenna
Horizontal gain	0.46
Transmission Line:	Andrew LDF4-50A
(200 feet)	1/2 inch foam dielectric 73.3% efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	0.3559 kilowatts (355.9 watts)

Facilities Authorized:	Channel 245A - 96.9 MHZ
Effective Radiated Power:	0.12 kilowatts (H/V)
Geographic Coordinates:	North Latitude 39° 33' 07" West Longitude 95° 25' 23"
Antenna Center of Radiation:	Above Ground 50.0 meters Above MSL 396.0 meters HAAT 69.0 meters
Antenna Structure Registration #:	1032676