

APPLICATION FOR STATION LICENSE
CUMULUS LICENSING LLC
KRMD-FM RADIO STATION
CH 266C0 - 101.1 MHZ - 100.0 KW
OIL CITY, LOUISIANA
December 2005

EXHIBIT A

KRMD-FM Transmission System Calculations

Effective Radiated Power:	
Horizontal/Vertical	100.0 kilowatts (tilted beam)
Horizontal/Vertical	97.7 kilowatts (radio horizon)
Antenna:	Continental/ERI G5CPS-10AC3 10 bay full wavelength spaced, with -0.5° of beam tilt
Horizontal gain	5.394 maximum gain 5.268 at radio horizon
Transmission Line:	Andrew Corp. 562-A
(1,100 feet)	3 1/8 inch air dielectric - rigid line 76.8% efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	24.139 kilowatts
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Facilities Authorized:	Channel 266C0 - 101.1 MHz
Effective Radiated Power:	100.0 kilowatts (H/V) tilted beam
Geographic Coordinates:	North Latitude 32° 41' 08" West Longitude 93° 56' 00"
Antenna Center of Radiation:	Above Ground 330.0 meters Above MSL 406.0 meters HAAT 346.0 meters
Antenna Structure Registration #:	1020877