

APPLICATION FOR STATION LICENSE
BALDRIDGE-DUMAS COMMUNICATIONS, INC.
KDBH-FM RADIO STATION
CH 248A - 97.5 MHZ - 6.0 KW
NATCHITOCHES, LOUISIANA
December 2005

EXHIBIT A

KDBH-FM Transmission System Calculations

Effective Radiated Power:	
Horizontal	6.0 kilowatts
Vertical	6.0 kilowatts
Antenna:	Electronics Research, Inc. LP-6C 6 bay antenna full wavelength spaced
Horizontal gain	3.3028
Transmission Line:	Cablewave HCC158-50
(250 feet)	1 5/8 inch air dielectric 88.9% efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	2.0434 kilowatts

Facilities Authorized:	Channel 248A - 97.5 MHz
Effective Radiated Power:	6.0 kilowatts (H/V)
Geographic Coordinates:	North Latitude 31° 48' 17" West Longitude 93° 01' 27"
Antenna Center of Radiation:	Above Ground 68.0 meters Above MSL 101.0 meters HAAT 67.0 meters
Antenna Structure Registration #:	1021313