

APPLICATION FOR STATION LICENSE
FAMILY LIFE EDUCATIONAL FOUNDATION
KKML (FM) RADIO STATION
CH 215A - 90.9 MHZ - 0.28 KW
MINDEN, LOUISIANA
February 2013

EXHIBIT A

KKML Transmission System Calculations

Effective Radiated Power: 0.28 kilowatt (horizontal/vertical)

Antenna: Systems With Reliability, LLP
Model FM3/1 DA
1 bay antenna
Antenna Gain 0.958

Transmission Line: Andrew Corporation LDF5-50
(249 feet) 7/8 inch foam dielectric
81.8% Efficiency

Required Transmitter Power Output
To Reach Effective Radiated Power: 0.357 kilowatt

Facilities Authorized: Channel 215A - 90.9 MHZ

Effective Radiated Power: 0.28 kilowatt (H/V)

Geographic Coordinates: North Latitude 32° 31' 55"
West Longitude 93° 16' 12"

Antenna Center of Radiation: Above Ground 69.5 meters¹
Above MSL 150.5 meters
HAAT 88.0 meters

Antenna Structure Registration #: 1239813

1) The actual COR above ground and above mean sea level.