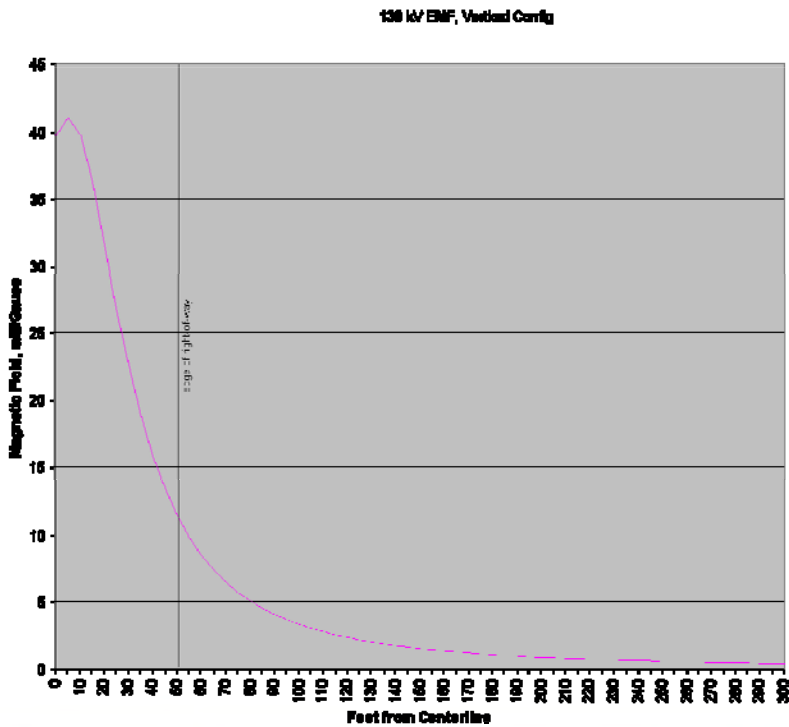
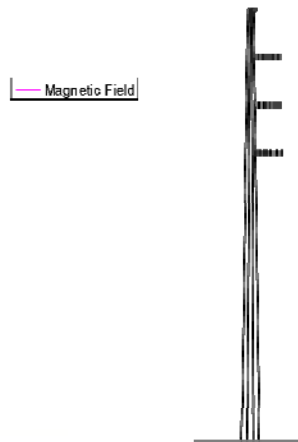


Electric and Magnetic Fields (EMF)



EMF STRENGTH OF VARIOUS ELECTRICAL SOURCES AT VARIOUS DISTANCES						
EMF Source ¹	Distance	Strength	Distance	Strength	Distance	Strength
Microwave Oven	0.5 feet	200 mG	1.0 feet	4 mG	4.0 feet	2 mG
Vacuum Cleaner	0.5 feet	300 mG	1.0 feet	60 mG	4.0 feet	1 mG
Hair Dryer	0.5 feet	300 mG	1.0 feet	1 mG	4.0 feet	0 mG
Electric Shaver	0.5 feet	100 mG	1.0 feet	20 mG	4.0 feet	0 mG
138 kV Transmission Line, vertical ²	0 feet	40 mG	50 feet	11 mG	300 feet	0.4 mG

¹ Appliance magnetic field strengths are median values in milliGauss (mG) for typical 60 Hz electric current (source: USNIEHS, DOE 1995)
² 138kV power-line right-of-way is 100 ft wide, 0 feet values represent directly below the lines at lowest point of sag.



Additional EMF information resources are available from:

Environmental Health Information Service:
<http://www.niehs.nih.gov/health/topics/agents/emf/>
 World Health Organization: www.who.int/emf