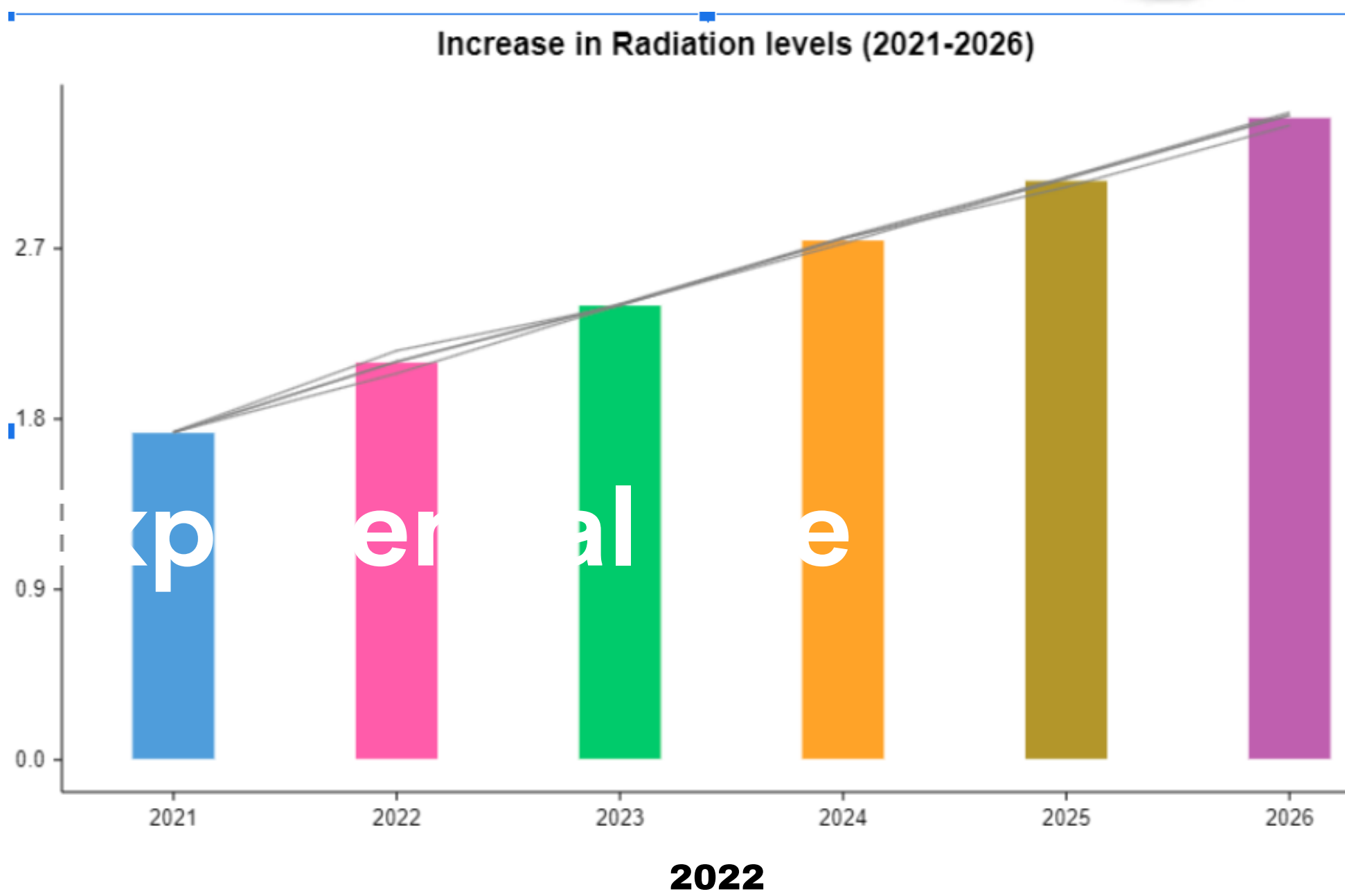
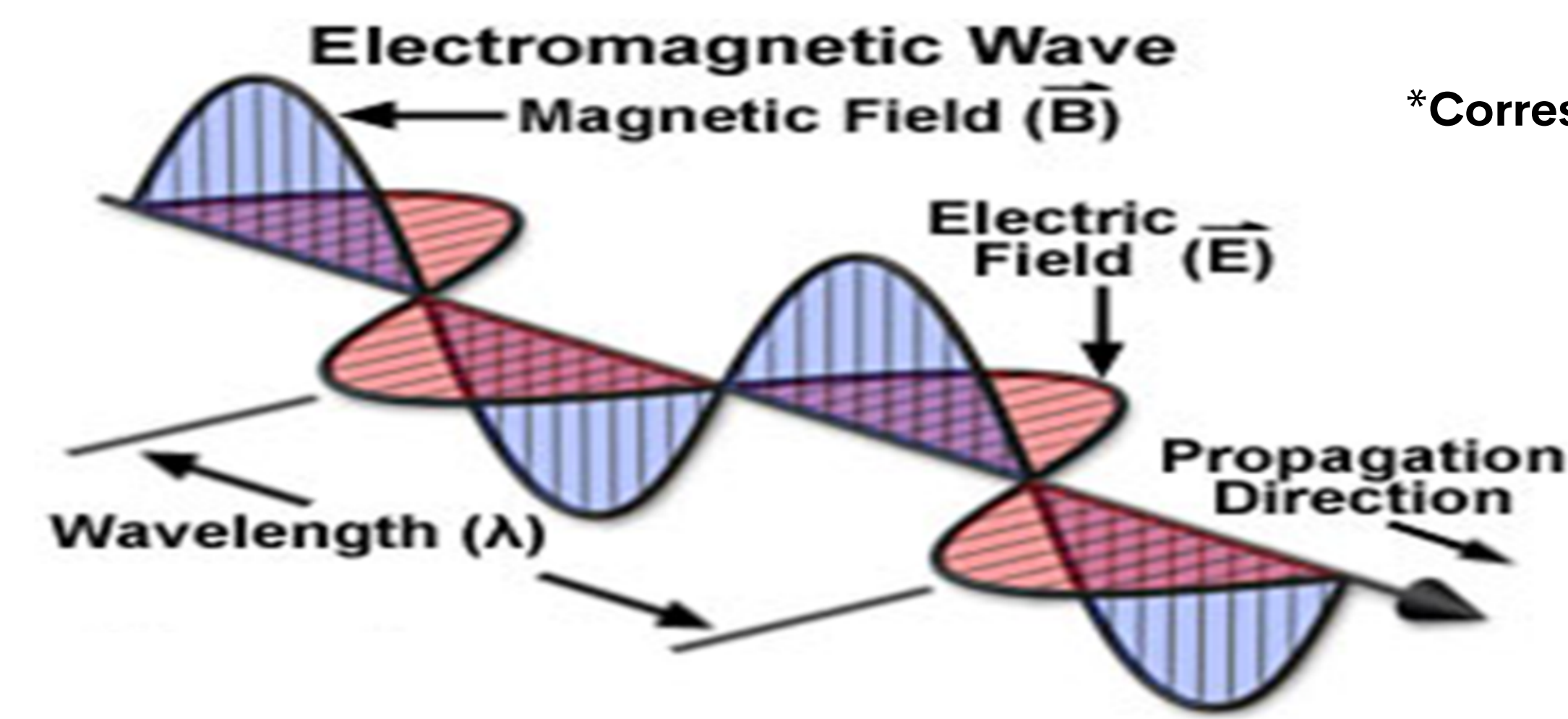


Radiation pollution and its impact on living creatures in and around Bangalore

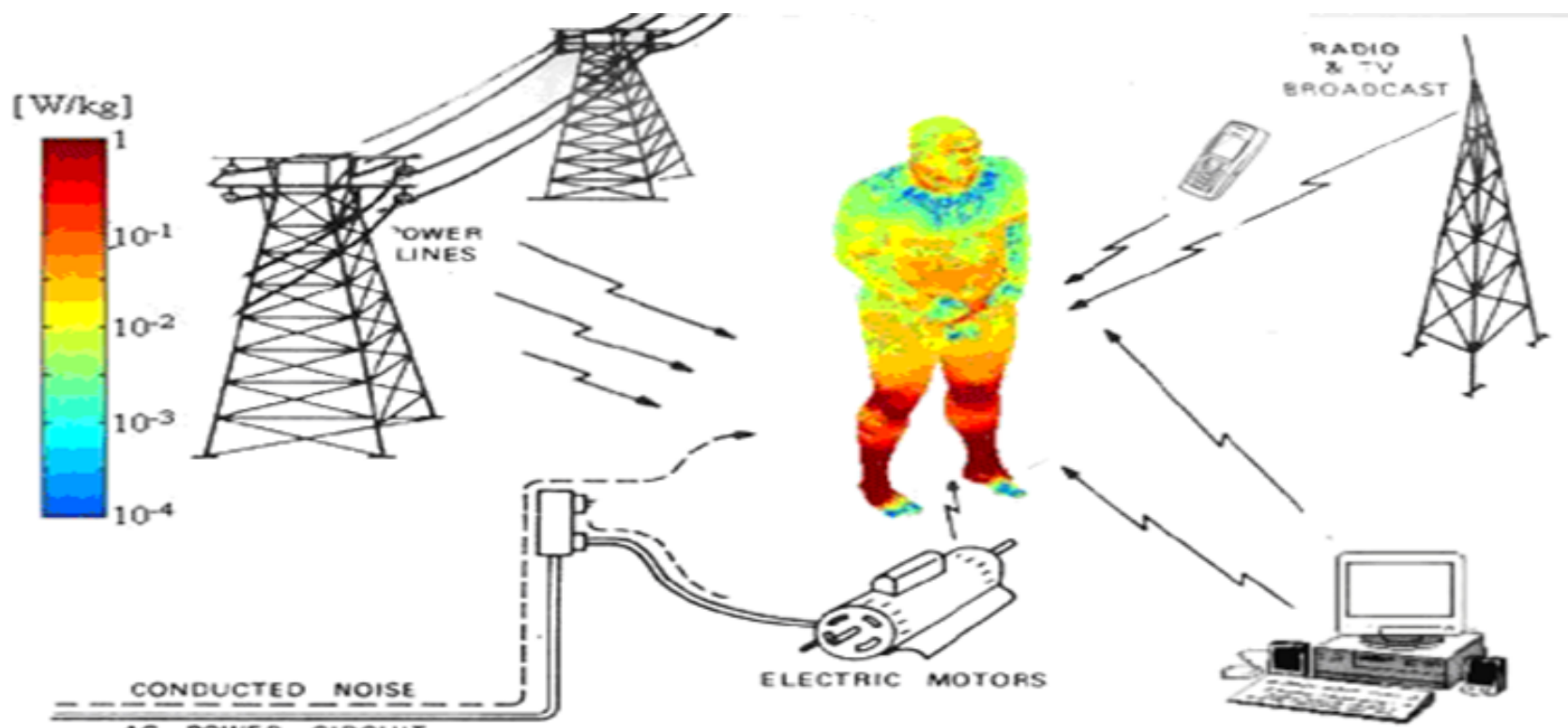
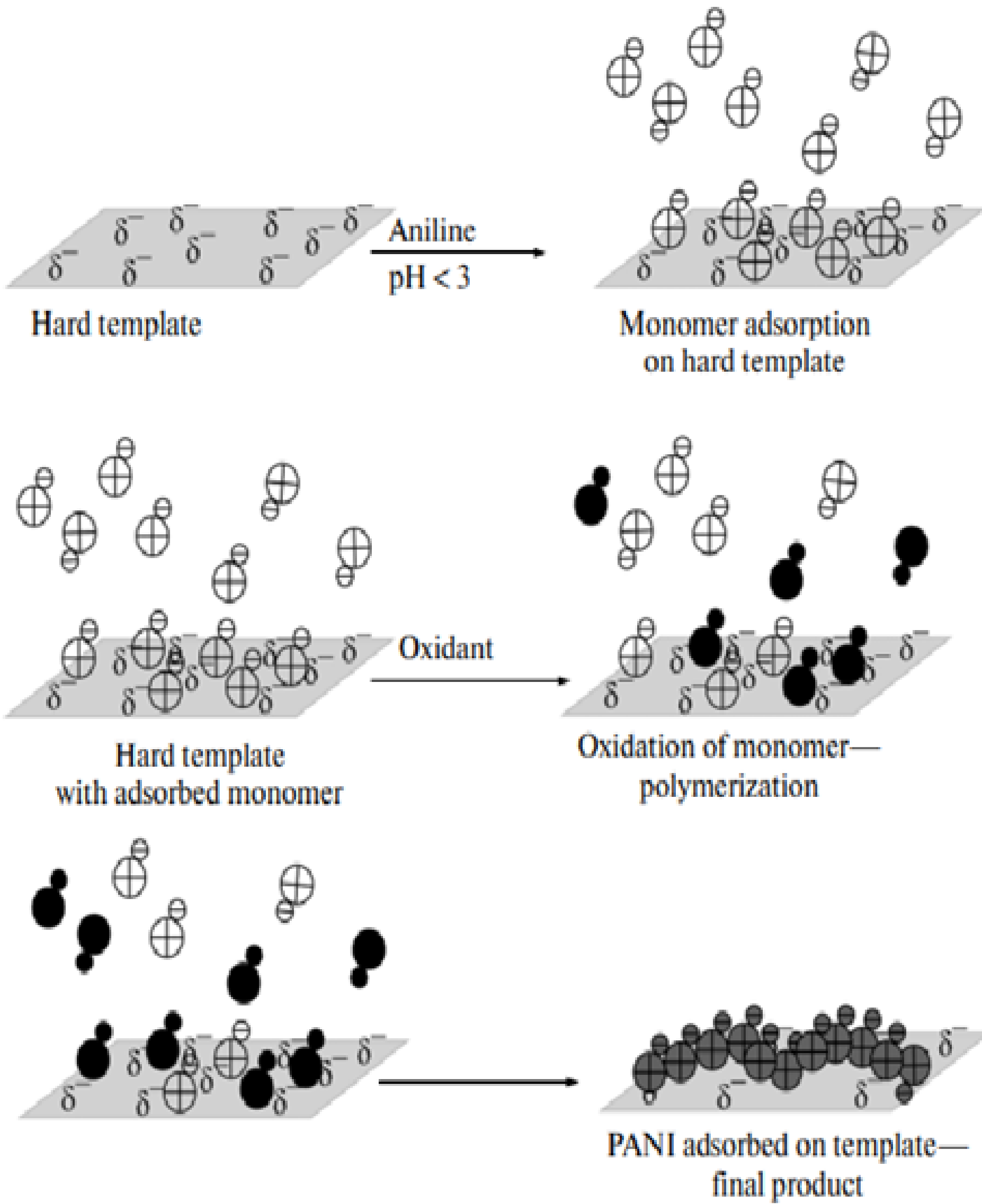
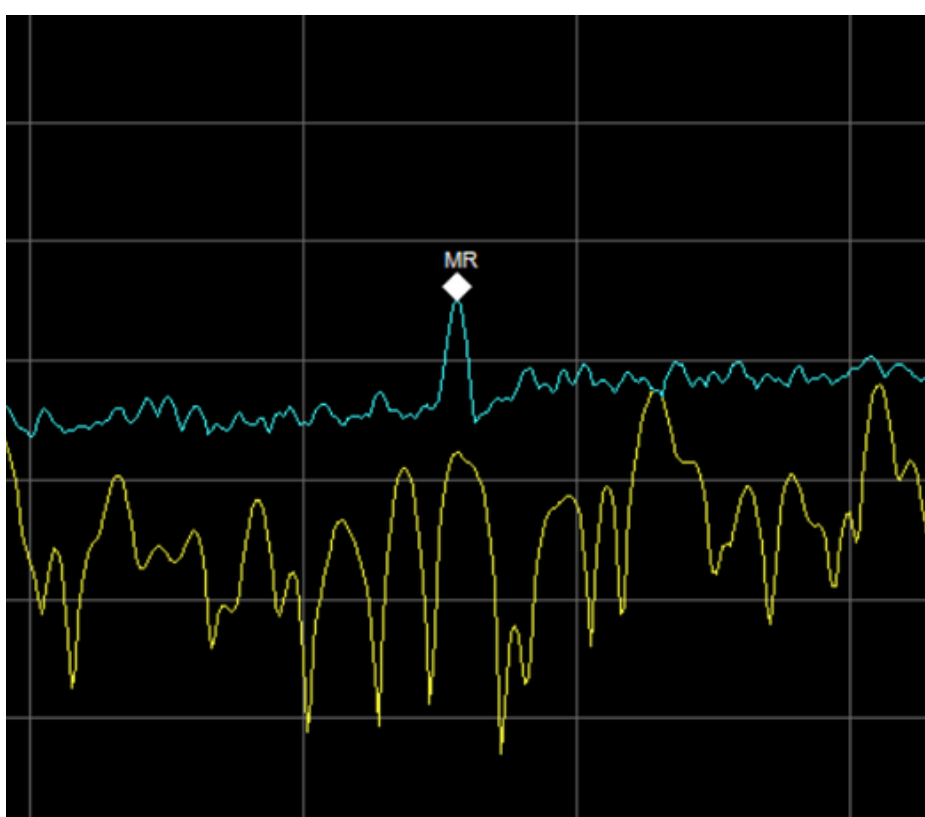
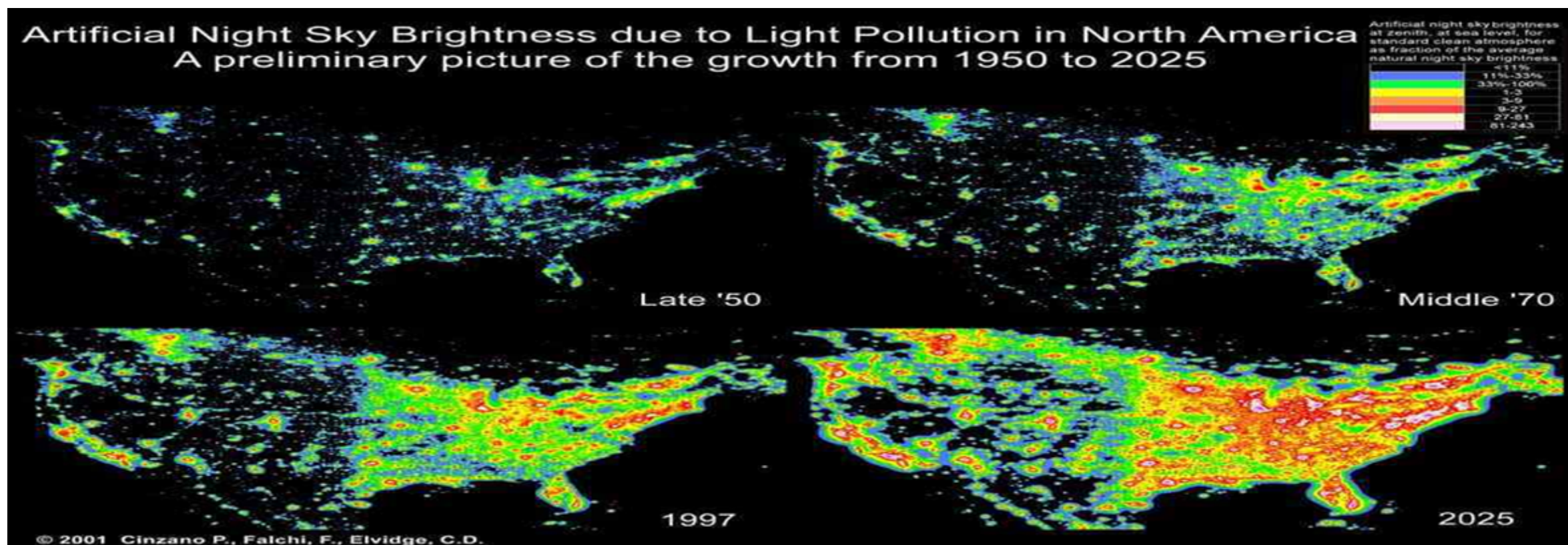
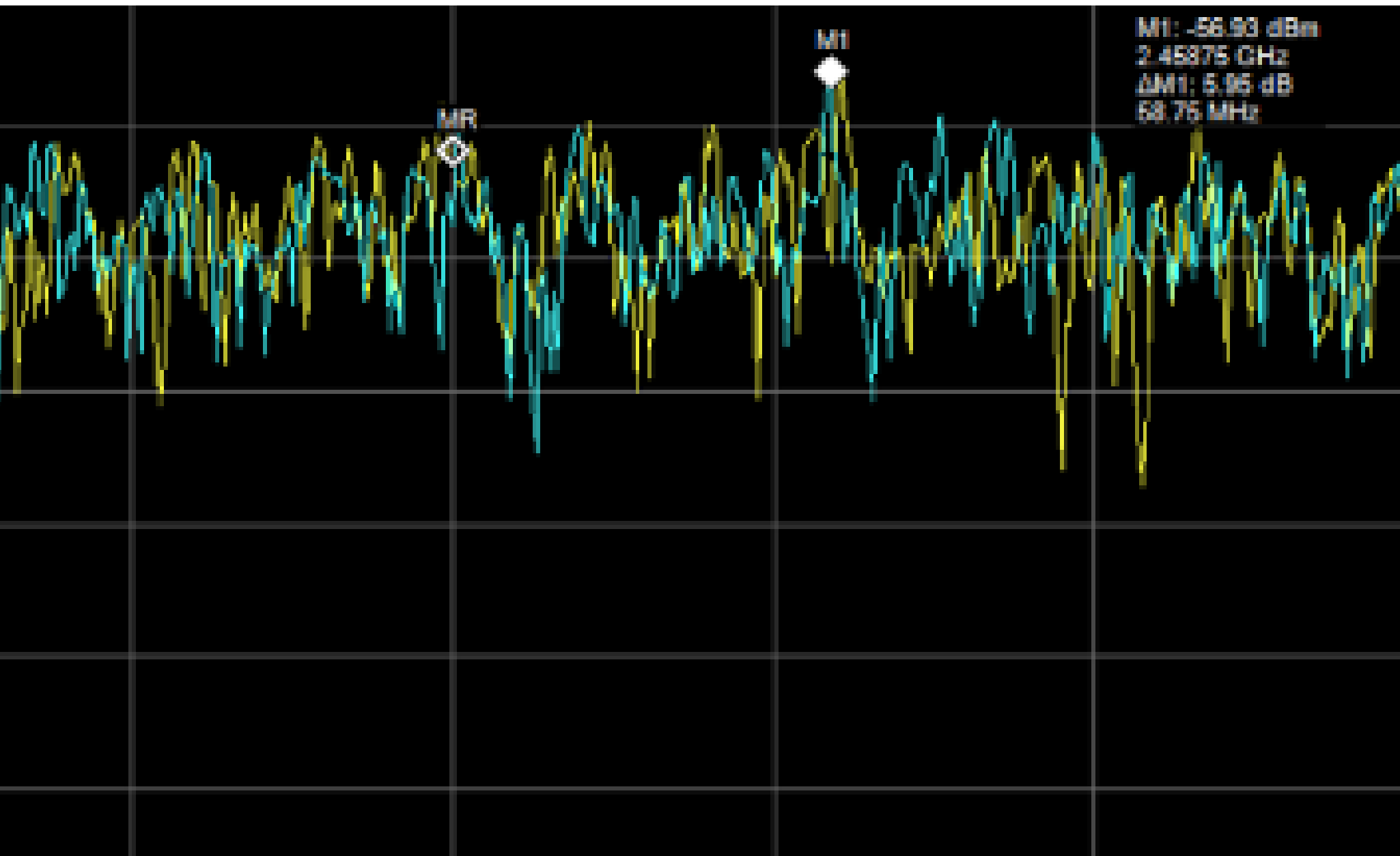
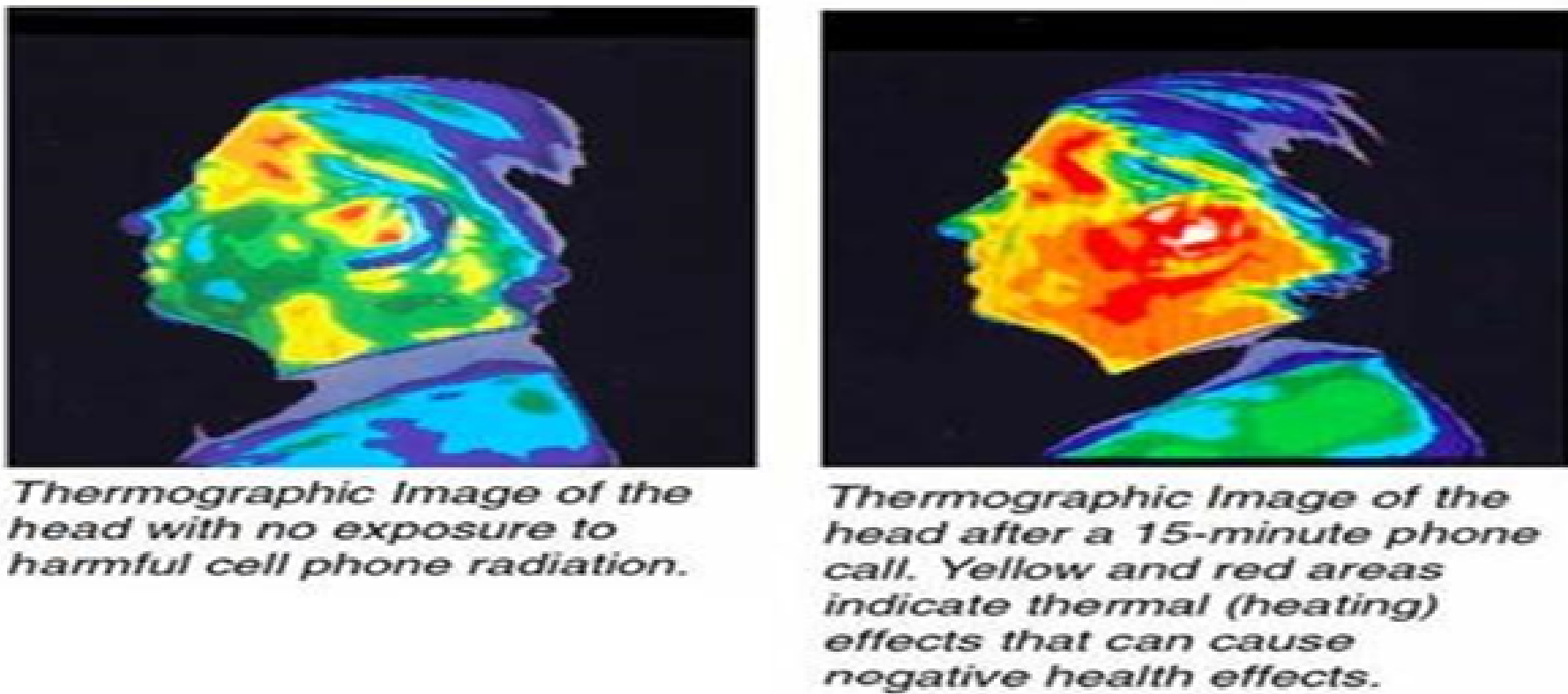
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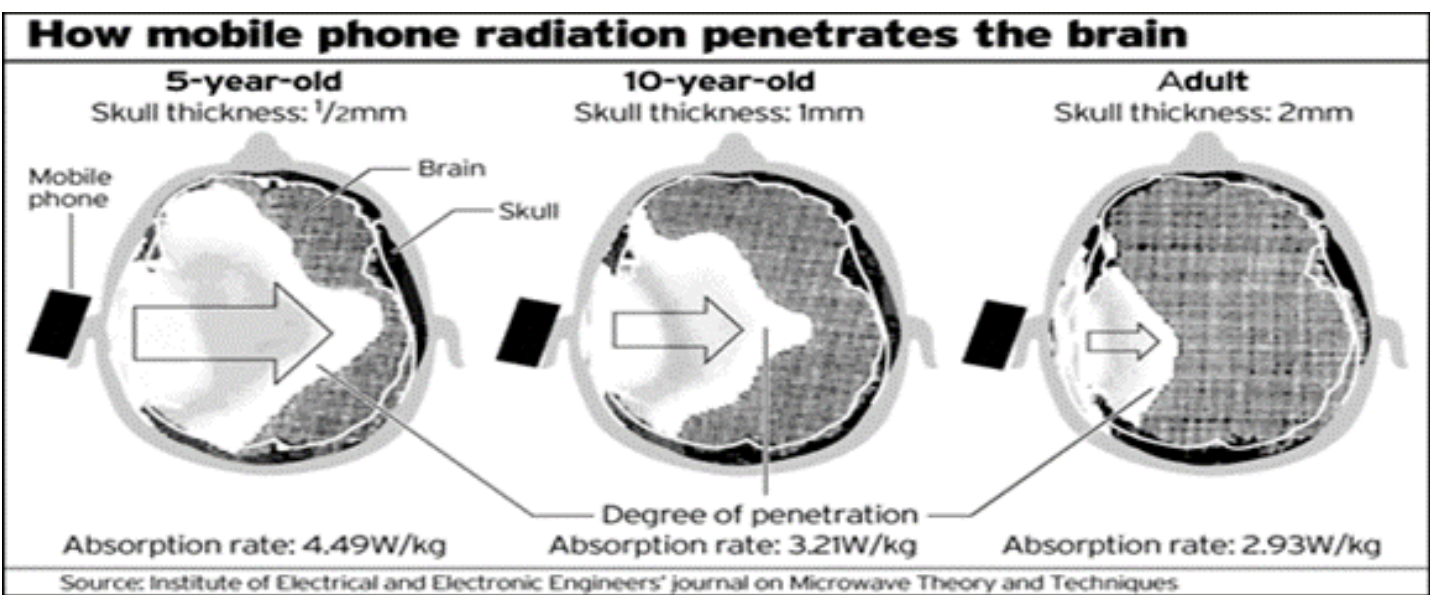


Types of EMI

Intra EMI Inter EMI



PLACES	Readings (in GHz)
Lalbagh	2.38665
Basavangudi (Corner House)	2.419375
PESU ECC Cricket Ground	2.39975
PESU ECC Classrooms (with mobiles)	2.422675
PESU ECC Classrooms (without mobiles)	2.3876
Vega City Mall	2.3985



Conclusion

We have also made use of USB-based battery powered RTSAs like Tektronix RSA306 which serves as a fruitful device to measure the radiations emitted in a given region ranging from 9 kHz to 6.2 GHz. This device was beneficial in ourb radiation hunting applications. We have gathered radiation statistics across eleven locations in Bangalore which could be used to examine and analyze the radiation pollution levels in diverse environments. Based on our research data input, it reveals that the radiation pollution strength(on average across 11 observations is 1.72 GHz) in and around Bangalore is lower than the threshold limit as per the World Health Organization (WHO) that ranges from 900 MHz- 1800 Mhz. As of now there are no side effects from the signal to the human beings in and around Bangalore.