

# Empirical Pathloss Models applicable for LTE Systems in Wireless Vehicular Communications

**Author(s) - Institution(s):**

M. Shemshaki, TU Wien

C. Mecklenbräuker, TU Wien

**Corresponding author email:** [mshemsha@nt.tuwien.ac.at](mailto:mshemsha@nt.tuwien.ac.at)

**Corresponding WG group:** TWGV

**Abstract:**

In this paper, empirical pathloss models have been employed for LTE systems at two different frequencies; 800 MHz and 2.6 GHz. Based on different scenarios of vehicular environment, relevant model has been used.