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| **Abstract:** |  |
| ZigBee is based on an IEEE 802.15. 4 standard and it is used to create Personal Area Networks (PAN) built for small, low-power digital radios. ZigBee operates in three different industrial, scientific and medical (ISM, unlicensed) radio bands: 868 MHz (EU and Japan), 915 MHz (ISM, US) and 2.4 GHz (Worldwide). The supported data rates of these three bands are 20 Kbps, 40 Kbps and 250 Kbps respectively. In this paper, three types of bands are experimented in star and mesh topology and performance metrics like throughput, delay etc. are measured using OPNET simulator. | |