



RESEARCH ARTICLE

Path Loss Estimation for a Wireless Sensor Network for Application in Ship

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Abstract— Path loss models are used to estimate the path loss between transmitter and receiver for outdoor and indoor applications. In this paper, path loss models for indoor propagation are investigated for multiwall configuration. Here, path loss and signal strength for a war ship environment are measured and compared with available data. Sensor nodes are deployed randomly in different ship locations which will help in predicting signal strength in actual node locations.

Key Terms: - Signal attenuation; propagation path loss; war ship communication; received signal strength; indoor propagation
