



Williams, C., Nix, A. R., Beach, M. A., Prado, A., Doufexi, A., & Tameh, E. K. (2006). Capacity and coverage enhancements of MIMO WLANs in realistic.

Link to publication record in Explore Bristol Research PDF-document

University of Bristol - Explore Bristol Research General rights

This document is made available in accordance with publisher policies. Please cite only the published version using the reference above. Full terms of use are available: http://www.bristol.ac.uk/pure/about/ebr-terms.html

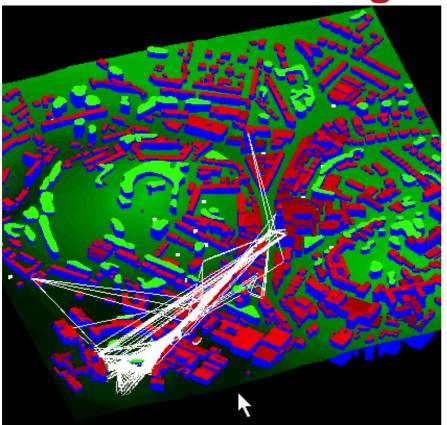
Take down policy

Explore Bristol Research is a digital archive and the intention is that deposited content should not be removed. However, if you believe that this version of the work breaches copyright law please contact open-access@bristol.ac.uk and include the following information in your message:

- Your contact details
- Bibliographic details for the item, including a URL
- An outline of the nature of the complaint

On receipt of your message the Open Access Team will immediately investigate your claim, make an initial judgement of the validity of the claim and, where appropriate, withdraw the item in question from public view.

Channel Modelling



- Characterisation of MIMO channel at 5.2GHz
- Ray tracing predictions at a hot spot type scenario (AP 5m, MT 1.5m above ground, vertically polarised λ/2 dipoles)
- EIRP 25dBm

- Models 'hot spot' environment and antenna arrays
- Provides full ray data for each link in the MIMO channel



