



Gdańsk Laboratory of Radio Wave
Propagation
Gdańsk University of Technology
Faculty of Electronics, Telecommunications
and Informatics
Department of Radio Communication Systems
and Networks
11/12 Narutowicza Street
Gdańsk, Poland



RADIOCOM
K S i S R

Web page:

<http://radiokom.eti.pg.gda.pl/rwp/>

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Research Topics:

1. Mobile and fixed field-strength measurements.
2. Mobile and fixed spectrum monitoring.
3. Propagation models for outdoor environments.
4. Radio wave propagation for aerospace systems.
5. Radio wave propagation for maritime systems.
6. Impulse response of radio channels up to 26 GHz.
7. Multipath propagation and radio wave polarization.
8. Radio wave propagation for Body Area Networks.
9. Radio wave propagation for wireless systems
for threats monitoring and public security.

Comments :

Laboratory of Wireless Systems and Networks

Wrocław University of Technology

9 Janiszewskiego Str

Wrocław, Poland

(C-4, r. 333; C-5 r. 809)



Wrocław
University
of Technology

Web page:

<http://www.ktt.pwr.wroc.pl/lke/>

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Research Topics:

1. Deterministic propagation modelling in indoor spaces
for the domains of amplitude, time and angle
2. Digital modelling of specific, untypical environments.
Modelling and measuring propagation therein:
 - copper and coal mines
 - reverberation chambers (also embedded and joint chamber
 - anechoic and semi-anechoic chambers for High-Power Micr
3. The 2D and 3D modelling of realistic irregular surfaces
(incl. local diffraction and scattering)
4. HPM pulses propagation in complex urban environments
5. The urban radiowave propagation with the use of beam
and ray launching techniques:
 - sensitivity analysis of maps innacuracy effect on the
radiowave propagation prediction
 - ray- or beam-launching methods applicability to VHF
bands for Digital Audio Broadcasting (DAB) planning

Comments :

Research Group of Analysis, Modeling and
Estimation of Radio Channel (GAME-RC)
Military University of Technology
Faculty of Electronics
Institute of Telecommunications
gen. Sylwestra Kaliskiego Street No. 2
00-908 Warsaw, Poland



Web page:

<http://www.dmcm.org.pl/index.php/zamek-r>

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Research Topics:

1. Doppler effects measurement and modeling.
2. Channel and propagation modeling and simulation.
3. Multipath channel models for outdoor environments.
4. Measurements of the channel characteristics.
5. Channel sounding and estimation.
6. Measurements and modeling for:
 - cellular and ad-hoc networks (outdoor),
 - vehicle-to-X communications,
 - mm-Wave communication.
7. MIMO channel modeling, measurement, characterization.

Comments :