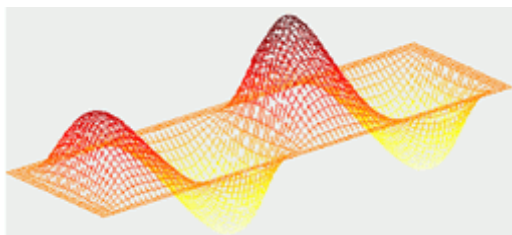


QuickWave software for Electromagnetic Design

QuickWave Newsletter 1/2007



QuickWave version 6.5 rev.2 64-bit released

QWED received the Certificate from Military Center for Standardization, Quality Assurance and Codification



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QuickWave software for Electromagnetic Design

QuickWave Newsletter 1/2007

QuickWave version 6.5 rev.2 x64

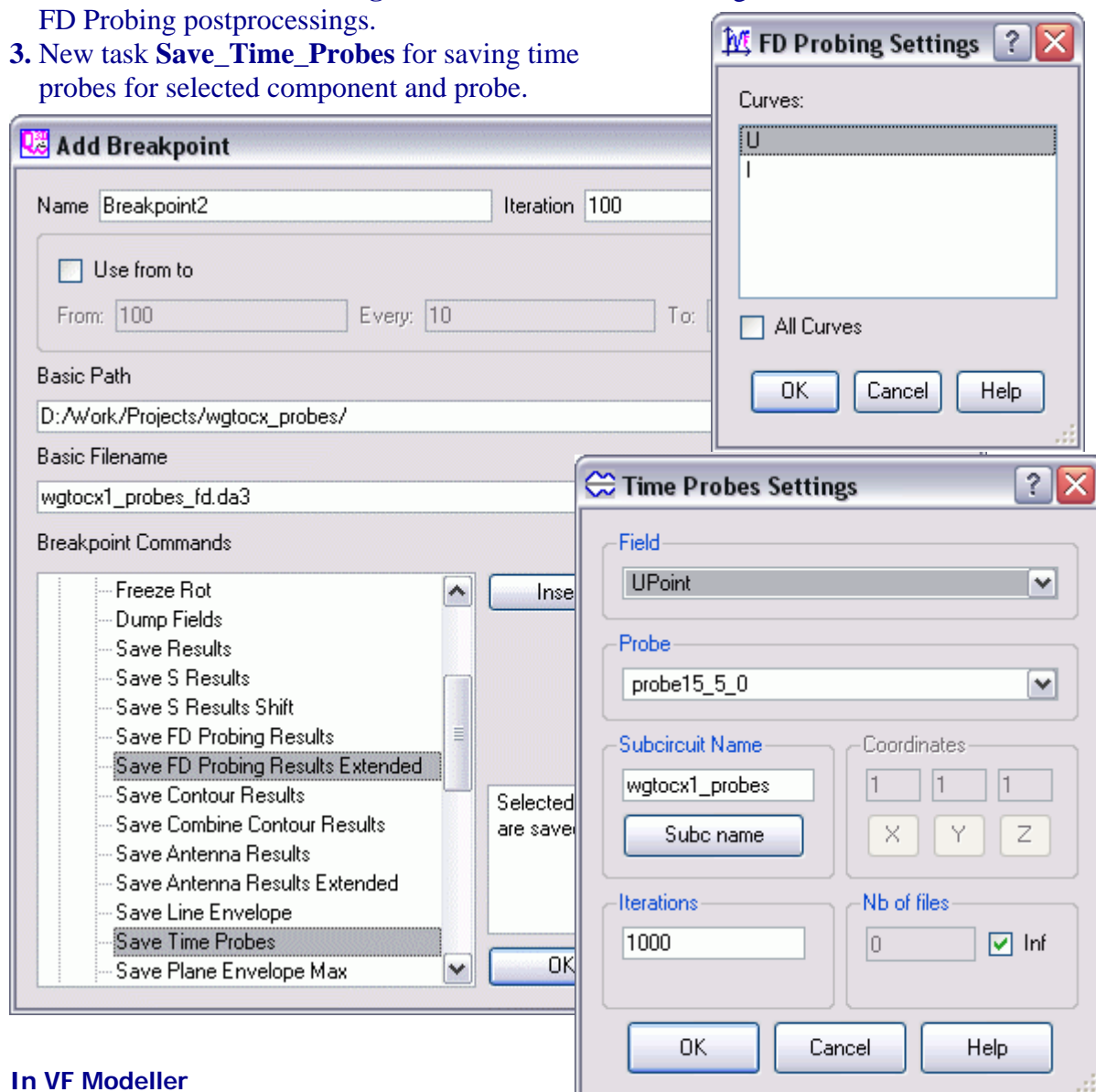
The newest revision of QuickWave software is **QuickWave v6.5 rev.2 x64**.
What is new in QuickWave version **6.5 rev.2 x64**:

In QW_Editor:

1. Warnings about non-PEC default METAL or non-standard default AIR

In QW_Simulator:

1. Correction in optimisation with reference results.
2. New task **Save_FD_Probing_Results_Extended** for saving selected results for all FD Probing postprocessings.
3. New task **Save_Time_Probes** for saving time probes for selected component and probe.



In VF Modeller

1. New bug fixed Modeller version 6.006.

We hope that our users will enjoy the changes. We would like to hear your feedback in this regard, and constructive criticism will also be appreciated!

QuickWave software for Electromagnetic Design

QuickWave Newsletter 1/2007

QuickWave version 6.5 rev.1 DEMO

QuickWave version 6.5 rev. 1 DEMO is free and fully operational in terms of the interface, but it does not enable simulating your own examples. It does allow unrestricted creation of any projects in QW-Editor, but then such projects cannot be saved or exported to QW-Simulator. QW-Simulator in the DEMO version functions in the same way as in the full-power version, but only on predefined examples, which include all examples described in QW-3D manual, also available in the DEMO installation. The user can use the software without hardware dongle and time restrictions.

The link for downloading QuickWave version 6.5 rev. 1 DEMO can be obtained via <http://www.qwed.com.pl/v65rev1demos.html>.

QuickWave software for Electromagnetic Design



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QuickWave DEMO v6.5 rev.1 Download

If you want to download QuickWave DEMO v6.5 rev.1 please enter your e-mail and click 'Demo'.
The link for downloading QuickWave DEMO v6.5 rev.1 will be sent to you.

Enter your e-mail:

[Demo](#) | [Clear](#)

Designed by Janusz Rudnicki

Updated: March 16, 2007

Via the received link, the following files can be downloaded:

- quickwave_v65rev1_demo.zip** – QuickWave 3D/V2D version 6.5 rev. 1 DEMO
- manuals_v65rev1_demo.zip** – Manuals for QuickWave software

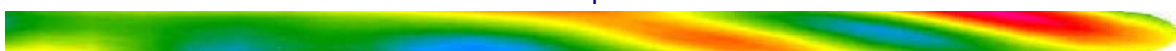
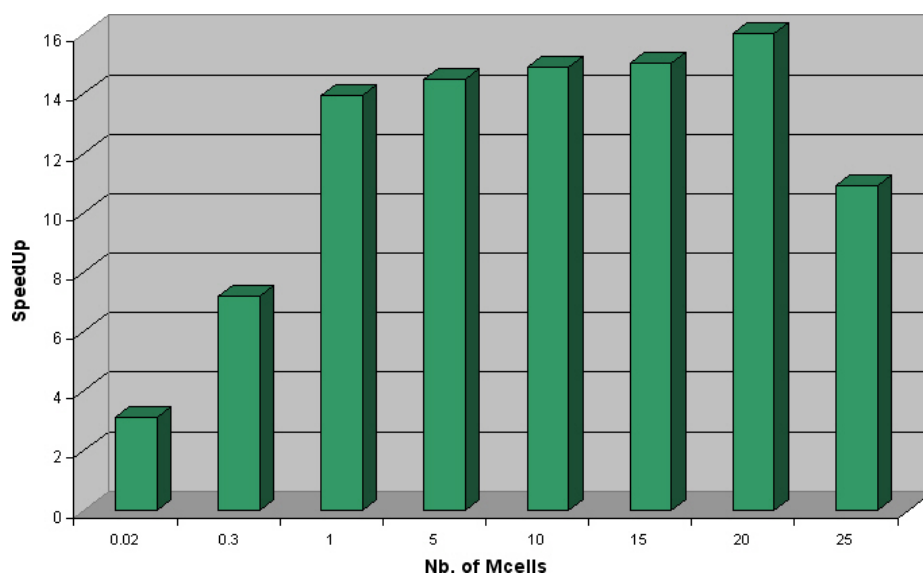
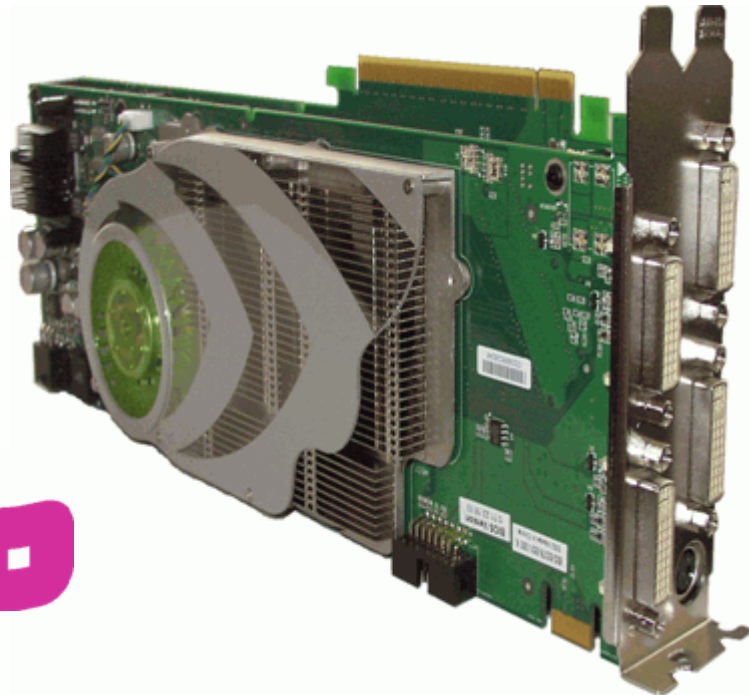
QuickWave software for Electromagnetic Design

QuickWave Newsletter 1/2007

New hardware accelerated version of QW-Simulator

QWED is launching an evaluation version of **QW-AccelSim** – hardware accelerated version of QW-Simulator running on Acceleware hardware card. **QW-AccelSim** has been found to provide speed-ups by approximately a factor of 16 (for dielectric resonator example with 20 Mcells).

The purpose of this evaluation version is to double-check our speed-up observations for a wider range of examples of direct interest to our users. Your feed-back in this regard will be appreciated.



Coming Events



29th ESA Antenna Workshop on Multiple Beams and Reconfigurable Antennas Innovation and challenges

18 - 20 April 2007

ESA/ESTEC

Noordwijk, The Netherlands

Workshop website: <http://www.congrex.nl/07c05/>

QWED activities and results within the FP6 project CHISMACOMB will be presented at the 29th ESA Antenna Workshop on Multiple Beams and Reconfigurable Antennas, Noordwijk, The Netherlands.



2007 IEEE MTT-S

International Microwave Symposium

Honolulu, Hawaii

IEEE Microwave Theory and Techniques Society

June 3-8, 2007

Conference website: <http://www.ims2007.org>

QWED will participate in the IEEE MTT-S International Microwave Symposium and Show in Honolulu, Hawaii. Please come to our booth #1452 to commemorate the 10th anniversary of QWED company and 10 years since QuickWave-3D has been launched onto the market!

New features of QuickWave software specifically developed for applications in optical scatterometry and defectoscopy in the integrated circuit industry will be presented at the Microwave Applications Seminars, exhibition area, Session WEMB, Wednesday, June 6, 2007, at 1:40 p.m.

On-going research activities of QuickWave team in the field of FDTD modelling of new materials will be addressed in the Symposium session WE3D-05, room 316B, Wednesday, June 6, 2007.

The International Microwave Symposium is the premier conference of the IEEE Microwave Theory and Techniques Society (MTT-S), featuring a large trade show as well as a wide variety of technical papers and workshops. The IEEE MTT-S International Microwave Symposium 2007 (IMS 2007) will be held in Honolulu, Hawaii, Sunday, June 3 through Friday, June 8, 2007 as the centerpiece of Microwave Week 2007.

Coming Events



**2007 IEEE APS
International Symposium**
Honolulu, Hawaii USA
June 10-15, 2007

Conference website: <http://hcac.hawaii.edu/conferences/aps2007/>

Three papers related to QuickWave software and QWED activities within the CHISMACOMB and SOCOT FP6 projects and within Marie Curie Transfer of Knowledge will be presented:

- "Quasistatic Dielectric Properties of Negative Poisson's Ratio Hexachiral Honeycombs" by F.Scarpa (University of Bristol, UK) et al.
- "Comparison of FDTD Excitation Models for Scatterometry of Periodic Reticles" by B.Salski (Warsaw University of technology) et al.
- "Linear and Superlinear Speedup in Parallel Processing" by T.Ciamulski (Mid-Sweden University, SE) and M.Sypniewski (QWED).

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