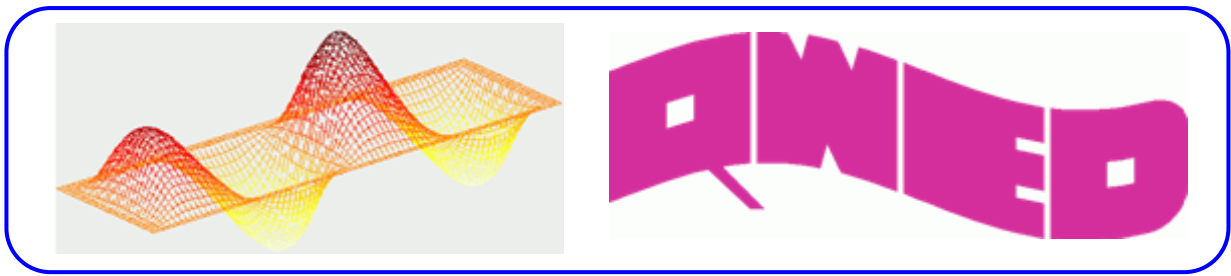


# QuickWave software for Electromagnetic Design

QuickWave Newsletter 2/2006



## QWED – Leader in Software Export 2005

from the Polish Software Market Association



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QuickWave Newsletter 2/2006

## News



June 1, 2006

### Acceleware and QWED partner to accelerate QuickWave

QuickWave Electromagnetic Simulation Software Now Integrated with Acceleware's Acceleration Platforms for Breakthrough Performance.

*"We believe that integrating Acceleware's product family with our QuickWave software solution will help to deepen existing business relationships while fostering new and broader market opportunities"* states Dr Wojciech Gwarek, President of QWED.

Ryan Schneider, CTO of Acceleware adds: *"QWED is a solid company, one of the leaders in the field, and they have a competitive product that can be used to solve sophisticated microwave engineering problems. We look forward to building a strong business relationship with them."*



June 21, 2006  
Szczyrk, Poland

### Leader in Software Export 2005 from Polish Software Market Association

QWED received the title of "Leader in Software Export 2005" from the Polish Software Market Association.



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## QuickWave version 6.0 rev.5

The newest revision of QuickWave software is **QuickWave version 6.0 rev.5**.

What's new in QuickWave version **6.0 rev.5**:

### **In QW\_Editor:**

1. Many improvements

### **In QW\_Simulator:**

1. Changes regarding dispersive media and metamaterials
2. A bug regarding port matching has been corrected. The bug caused that if two (or more) ports had the same orientation but were not overlapping; only one of them was matched.

What's new in QuickWave version **6.0 rev.5 FTP1** (available on FTP site):

### **In QW\_Editor:**

1. During optimisation with QW-OptimiserPlus and bi-phased objects in QW-Editor, it has been necessary to suppress mesh expansion by EXPANDMESH command (inherent in many library UDO scripts) during the Final phase. This is achieved with SETSUSPFLAGS UDO command. Its second argument was a dummy numeric value in earlier software versions. Now its value of 1 sets skip\_EXPANDMESH Boolean internal QW-Editor flag, the value of 0 resets this flag. The skip\_EXPANDMESH flag is active only during the parsing of main UDO and sub-UDO's called by it. It is automatically reset after the main UDO parsing pass.

### **In QW\_Simulator:**

1. Bugs fixed for Grid Search for 1 variable and 1 or 2 Steps per Range or for more than 10 results.

### **In UDO Editor:**

1. Correction of missed last line after save.

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!



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## QuickWave version 6.0 rev.3 DEMO

QuickWave version 6.0 rev. 3 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 download QuickWave version 6.0 rev. 3 DEMO can be obtained via <http://www.qwed.com.pl>.

The screenshot shows the website's navigation menu on the left with options like Home, About Us, News, Events, Products, Software, Hardware, Examples, Leaflets, Consultancy, Bibliography, Newsletter, and Russian Version. The main content area is titled 'QuickWave DEMO v6.0 rev.3 Download' and contains a form for requesting the download link. The form text reads: 'QuickWave DEMO v6.0 rev.3 Download. If you want to download QuickWave DEMO v6.0 rev.3 please enter your e-mail and click 'Demo'. The link for downloading QuickWave DEMO v6.0 rev.3 will be sent to you.' Below this text is an input field for the email address and two buttons labeled 'Demo' and 'Clear'. The footer of the page includes the copyright information: 'Copyright © 2006 by QWED. All Rights reserved. info@qwed.com.pl' and the design credit: 'Designed by Janusz Rudnicki. Last Update: Monday, May 15, 2006 10:58:14'.

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

- quickwave\_v60rev3\_demo.zip** – QuickWave 3D/V2D version 6.0 rev. 3 DEMO
- qwex\_v22rev12\_demo.zip** – QuickWave COAX version 2.2 rev. 12 DEMO
- manuals\_v60rev3\_demo.zip** – Manuals for QuickWave software

## Coming Events



### The 23<sup>rd</sup> International Review of Progress in Applied Computational Electromagnetics (ACES 2007)

March 19-23, 2007  
Verona, ITALY

Conference website: <http://aces.ee.olemiss.edu>

During ACES (Applied Computational Electromagnetic Society) Conference in Verona, Dr M. Celuch is organising a focused session "QuickWave / CONCERTO Modelling and Design". Our software users interested in contributing papers are warmly invited to do so!



### 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.

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