



k-Space on National Public Radio (NPR)

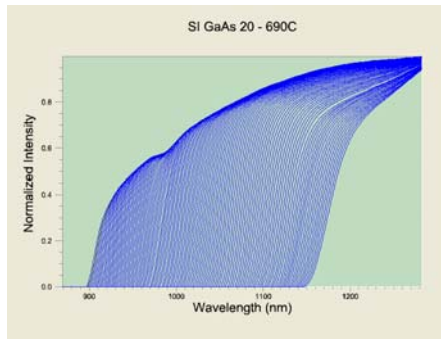
A report on copycat manufacturing aired nationally on February 21, 2005. The report featured k-Space and a product of ours that has been copied by a South Korean start-up company. It's often said that "Imitation is the best form of flattery." We disagree! To hear the broadcast, go to:

<http://www.npr.org/templates/story/story.php?storyId=4507052>.

Tech Tips – kSA BandiT Movies

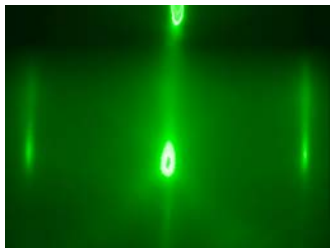
Did you know that you could take full "movies" with the kSA BandiT? It sounds strange, but can be very useful. When acquiring temperature data with BandiT, typically the "Continuous"

option is selected from the Acquire Temperature dialog, and no data is saved. However, if you select "Duration," enter a desired acquisition time, and also select "Store raw and fully processed spectra" from the Advanced/BandiT I/O Settings tab, then a full movie of the acquisition will be generated. The movie is stored in the *.kdt format, our proprietary data format. This file can then be played back at any time as if it was the data input source, and full analysis can be performed on the data. This is very useful, for example, for troubleshooting temperature analysis: simply send the full movie to k-Space, and we can replay it and analyze it just as you saw it during your acquisition.



kSA White Papers and Application Notes

We have updated our website with new application notes and white papers concerning our products. These documents contain useful—but sometimes sensitive—information, so we have password-protected them for our customers only! If you would like to download any of these documents, please email us and we will reply to your email with a username and password for access to these documents.



New kSA 400 Help Manual to Arrive Next Month!

The kSA 400 is a powerful analytical tool. But, as many of you know, our on-line help has not kept pace with the rate of product enhancement! Worry no more—next month we are releasing a completely reworked, up-to-date on-line kSA 400 Help Manual. This is a comprehensive document with

direct links to the software. The manual will be available for download from our FTP site. We will notify all customers as soon as it becomes available!

BandiT Handles GaN for MBE and MOCVD

Most GaN deposition today is done using sapphire substrates. BandiT cannot measure the sapphire substrate temperature, as it is effectively an insulator (~ 10eV band gap). However, after about 1 um of GaN is deposited on the sapphire, BandiT can detect the GaN absorption edge and measure the GaN film temperature directly. This is a true temperature measurement and is far superior to ECP's (emissivity-corrected pyrometers), which see right through the transparent GaN and sapphire and measure the susceptor or puck temperature. Please feel free to contact us for more details on BandiT for GaN.

Viotech Delivers 1st MOS Ultra-Scan Unit to Nichia

Our Asian distributor, Viotech Japan Co, Ltd., (www.viotech.co.jp) has just delivered the 1st MOS Ultra-Scan unit to Nichia Japan.

Our own Charles Taylor recently completed the installation, which took only three hours! The Ultra-Scan unit provides full two-dimensional mapping of curvature and post-process stress on virtually any polished or mirror-like surface. At the core of the Ultra-Scan is kSA MOS technology. Please see our web site for more information.



kSA Software to be offered in Japanese

The MOS Ultra-Scan unit pictured here was delivered with the software dialogs in Japanese! While this initially was a challenge for our software developers, we now have the infrastructure in place to convert our other applications into Japanese as well. In the near future, we plan on offering both kSA MOS and kSA 400 in Japanese.

Please Come See Us!

k-Space is starting our 2005 tour. Please stop by and visit us at the following upcoming conferences:

- *MRS Spring Meeting, San Francisco, CA March 28-April 1, 2005*
- *48th SVC Conference, Denver, CO April 25 - 26, 2005*