

**Reference:** Quietek TPE-SN-CAL-SV  
**Subject:** Annual Probe Calibration  
**Date:** 25<sup>th</sup> July 2007  
**Issued By:** Stuart Nicol

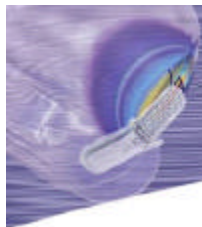
**To Whom It May Concern:**

This memo has been issued in support of Quietek Corporation of Taipei Taiwan, who is a recognized distributor of APREL Laboratories products and systems and has a signed and accepted MOU.

APREL Laboratories are an ISO/IEC-17025 qualified laboratory and certified to perform probe calibrations in line with IEEE-1309. Due to the scope of accreditation allowing for us to perform calibrations under the terms of our accreditation APREL Laboratories can not state when a component or piece of equipment is out of calibration. In line with the procedures and recommendations of ISO/IEC-17025 policies and requirements it is accepted that the calibration period is entirely up to the users own quality management policies.

APREL Laboratories inform users to calibrate components including probes and electronics in line with their own management system and policies, but where this does not apply we advise to calibrate annually. APREL Laboratories can not determine when a user calibrates equipment whether this is annually or every 2 years as this would invalidate our scope of accreditation and as such leave this to the discretion of the user and their own management system.

The representative agreement between APREL Laboratories and Quietek has been in place since 2003 and this agreement indicates that Quietek are recognized as being able to determine failures, determine solutions, make repair requests and recommend replacement or calibration needs for our mutual clients for all APREL Laboratories SAR and HAC products. A requirement made by APREL Laboratories for Quietek to be recognized as a representative is that they be fully certified within the ISO/IEC-17025 accreditation program and have suitably qualified staff who understand and can support APREL Laboratories product offerings.



APREL Laboratories have provided Quietek with training (this continues for all newly released products) which allows for them to assess systems annually in line with the requirements of IEEE 1528 Section 8.3.6 System Validation Procedure. This procedure is one which fully assesses the functionality of the system and is expected to be ran completely each year to show conformity to the requirements of the IEEE Standard. This activity is not one which can be used in place of specific component calibration but is one which shows complete conformity of each and every individual component of the ALSAS-10U system and in the event of values not meeting the required targets can show a need for manufacturer intervention. As part of the ongoing annual review of the system Quietek have shown that the ALSAS-10U system is fully functional and provided data that is within the expected target numbers.

In support of Quietek Corporation and their management system with respect to SAR measurements, APREL Laboratories conducted and audited their system in February 2007; the annual system validation data was found to be in line with IEEE 1528 section 8.3.6 System Validation requirements and found that their system is fully operational and functional. In line with our findings and subsequent review of their accredited management policy for calibration we do not see on this occasion why a 2 year calibration cycle of the probe would affect the measured data and show that their system is not fully functional in line with the manufacturers guide lines.

APREL Laboratories can support our claim after a review of the Quietek system validation data which includes many facets relating to the functionality of the probe and electronics that their probe calibration data is acceptable and has not changed since the date when we signed off on the calibration certificate.

We trust that this information is acceptable.

Stuart Nicol,  
Director of Product Development.