

Product Note

New Single Phase Algorithms for kVp with Piranha

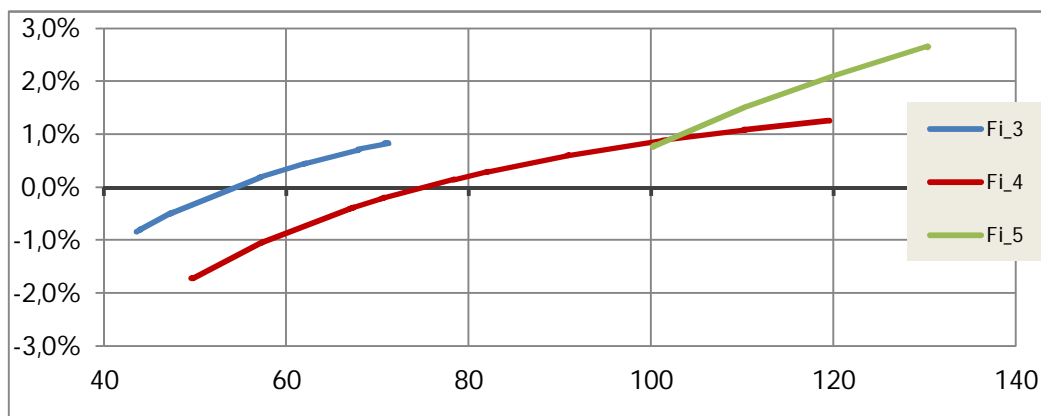
Background

Now and then users have reported that the kVp on single phase units has been underestimated towards higher kV with the Piranha. The Piranha algorithms have been remade based upon several independent evaluations that have been done by different institutes and laboratories.

The figure below shows the effect of the new algorithms.

Shift in measured result after implementation

The figure below shows the influence of the new algorithms.



Example:

When measure with Filter 5 at 120 kVp.

After upgrade the kVp will read 2% higher than before (120 kVp instead of earlier 117.6 kVp).

Product versions

The new algorithms are implemented for:

Ocean 2014 version 2013.11 and higher

QABrowser version 5.0 and higher

*** END ***