

Safety Improvements of the MicroTCA Piezo Driver DRTM-PZT4

Thursday 7 December 2017 15:00 (15 minutes)

The MicroTCA board DRTM-PZT4 is a 4-channel piezo driver RTM board and is currently used in many scientific installations.

Since it generates +-100V high voltage on board, it falls into a category where product safety is a major concern for commercialization.

In order to analyze potential risks DESY sought the help of a professional company. During the process the board was re-designed to meet EN61010-1 requirements. The talk will explain the lessons learnt on safety aspects of MicroTCA boards and present the new DRTM-PZT4 board.

Primary author: Mr FENNER, Michael (MSK)

Presenter: Mr FENNER, Michael (MSK)

Session Classification: Session 7

Track Classification: New products and developments