

## EMC Test Adapter for MTCA.4 Modules

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In MTCA.4 systems sensitive analogue and aggressive digital signals have to be handled within the crate that is equipped with modules designed by multiple designers for multiple purposes. Each of these modules introduces noise mainly by conductive coupling into the ground system. In highly sensitive systems only modules should be used that have been classified to have minor impact on the noise budget. For a proper classification of the modules a reliable test procedure has to be developed. Key part of this procedure is a test setup that can measure the board characteristics without the influence of other system components with special attention to the isolation of the ground system. A first sample of a test adapter has been developed. Details of the design and first measurement results will be reported.

**Primary author:** Dr IBOWSKI, Heinz Hartmut (b1 Engineering Solutions GmbH)

**Co-author:** GANSS, Rudi (b1 Engineering Solutions GmbH)

**Presenter:** Dr IBOWSKI, Heinz Hartmut (b1 Engineering Solutions GmbH)

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