

Service : Prototype Test, Design Validation

Purpose

Feedback of test results from first samples to designer.

-analysis of deviating behaviour.

-determine range of functionality by variation of conditions and parameters

-confirmation, complement or consolidation of lab measurements.

Benefits

Early stage test and measurements improve the learning curve test and product side. The frequent correlations of test and lab measurements create additional safety and knowledge and help to find weaknesses in time.

Concurrent engineering avoids bad surprises and schedule violations at start of series test.

Bluetest Expertise

It needs good experience to determine if deviation behaviour is caused by test program , test system , test hardware or the device itself.

Good communication skills and good soft and hardware tools make debugging efficient and successful. Designer and testengineer form a powerful team.

Activities

Participants

Design, application

test engineer

Requirements, Input

Test specification, lab results, test vectors, device specification, design manual, etc

Performance

Following the test specification test by test is coded, debugged and verified with samples,

The feedback of test results happens promptly. This allows the designer to react interactively: e.g. repetition of a measurement with different conditions.

