

Keysight Technologies

Test System Uncertainty Analysis

Data Sheet
PS-X10-100

- Gain a quantitative understanding of measurement uncertainty for a test system
- Optimize test limits and take the most accurate measurements possible
- Receive detailed statement of uncertainty and recommendations to improve measurement accuracy

Service Description

Keysight Technologies, Inc. Test System Uncertainty Analysis service provides assistance with understanding and quantifying measurement uncertainties for complete manufacturing test systems, including Vector Network Analyzers and Spectrum Analyzers.

Service Scope

A Keysight technical consultant will conduct an on-site evaluation of your measurement test system environment, as well as in-depth interviews with the engineers and technicians. The consultant will analyze and quantify the uncertainty, and provide detailed reports of the uncertainty results.

The time required to effectively deliver this service is dependant on the scope of the measurement test systems being analyzed. This service does not include optimizing the test system as a follow-on to the uncertainty analysis.

Business Need

- Improve test system efficiency
- Improve quality
- Mitigate risks from faulty measurements and system environment

What You Will Receive

- The services of a Keysight technical consultant experienced in quantifying test system uncertainty
- On-site evaluation of the measurement test system
- A detailed report of the analysis with a statement of uncertainty
- Recommendations on how to improve accuracy and measurement repeatability

Required From Customer

- Access to the measurement test equipment being analyzed
- Contact with the engineers and technicians who use the measurement test equipment
- Access to and use of information about the DUTs
- Description of measurement tests performed

Ordering Information

Contact your local Keysight Sales Representative for a custom quotation.

Related Services

- Understanding VNA Time Domain Analysis
- Understanding VNA Measurements
- Fixturing and Calibration Assistance
- Analysis to Improve the Accuracy and Reliability of VNA Measurements



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