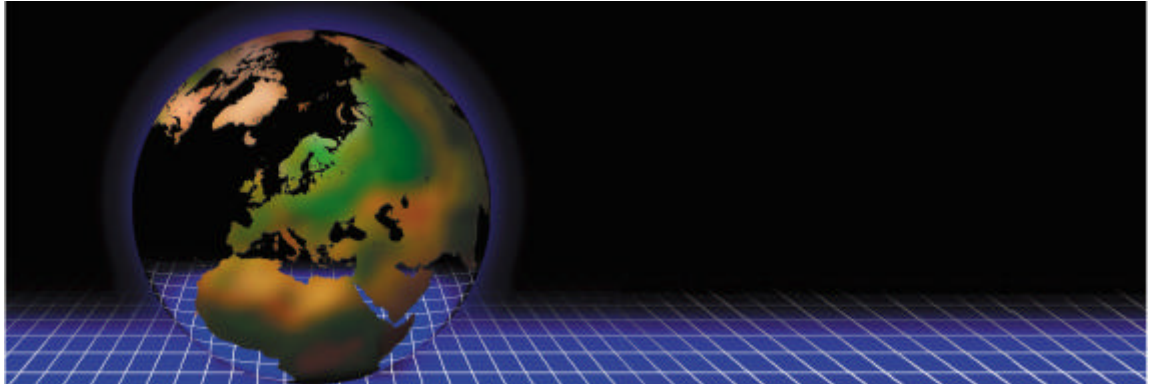


Accuracy Verification Program (AVP)

VALUE OF THE ACCURACY VERIFICATION PROGRAM

- AVP traceability
- System performance verification and maintenance
- Module verification
- Accuracy certification to the system's receiver



Global Support Services

As a global leader in electronics testing and production solutions, Teradyne offers comprehensive support services – wherever you may be. With an extensive network of support locations worldwide, we are prepared to rapidly respond to your needs.

AVP Traceability

The AVP is used to verify the accuracy of the test system to its product specifications. We verify that the calibration of the system is traceable through independent paths back to the standards maintained by the National Institute of Standards and Technology (NIST) in the United States. External equipment used and calibrated in other countries are certified to that country's bureau of standards.

(Teradyne form 5572-0120-06)

Verify and Maintain Your Systems Performance

The TestStation and 228x AVP service provides the comprehensive, documented verification of system accuracy to product specifications. Factory trained Field Service engineers perform the procedure to certify the tester periodically. To maintain system accuracy and for compliance with ISO standards, annual certification is recommended.

TestStation/228X Modules Certified and Accuracy Verified

Accuracy certification of all modules and functions listed is achieved at the tester receiver by interfacing precision external instrumentation with the tester via the AVP Module Assembly and AVP Load Box. During certification, test parameters are evaluated to ensure compliance with the system's technical product specification. The following are tested during the AVP:

- DC Meter Voltage and Current Accuracy
- DC Source Voltage and Current Accuracy
- DC Source Current limit
- DC Resistance Measurement
- AC Voltage and Current accuracy
- AC Resistance Measurement
- AC Inductance Measurement
- AC Capacitance Measurement
- ICA - AWG Accuracy
- AFTM Board Accuracy
- FTI - Frequency/Time Instrument Accuracy
- Pin Board Driver and Sensor Accuracy
- Clock Driver Voltage and Frequency Accuracy
- Clock Sync Function and Threshold level Accuracy
- Clock Trigger Sensor Threshold Accuracy

TestStation/228X System Software requirements

TestStation - Navigate software
228x systems - Version 4.4.2 SCN 03 or greater or Navigate software

To learn more about the Accuracy Verification Program, contact your local Teradyne sales / support representative.



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