Tektronix

Position Statement – 11/26/2024

Specification and Calibration Definitions

All specifications and characteristics apply to products when [1] within the temperature range, [2] minimum continuous operating time and [3] all automated adjustments/compensations as specified in the specification, performance verification or operating manual, in addition to being withing the recommended calibration interval as indicated at https://www.tek.com/en/services/test-equipment-repair/warranty-status-search

Specified (P-SPEC): These characteristics are accuracy-based in nature and guaranteed to the customer with specified tolerance limits and can be found in the Performance Verification Manual and Datasheet. Characteristics with specified (P-SPEC) characteristic codes are expected to conform to the stated tolerance limits over the stated temperature range.

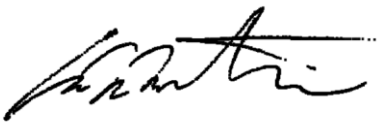
Nominal (P-NOM): These characteristics are guaranteed to the customer without specified tolerance limits. Guaranteed by design; therefore, Nominal (P-NOM) characteristics are not checked in the performance verification procedure of the Service or Instruction manual

- Example: The number of analog input channels

Typical (P-TYP): Typical specifications are accuracy-based in nature and are an indication of general performance where a majority (e.g. > 50%) of units meet this performance level at time of production. Typical specifications are not guaranteed to the customer, but often classify critical features of products.

Functional (P-FUNC): Characteristics of a product that are PASS/FAIL/Enumerable and not accuracy-based in nature but need to be verified to ensure proper operation of a product. These characteristics are guaranteed to the customer.

- Example 1: Trigger Sensitivity where the results are a PASS/FAIL or TRIGGERED/NOT TRIGGERED.
- Example 2: Display may have maximum number of defective pixels.
- Example 3: Signal Path Compensation status result as a PASS/FAIL.



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