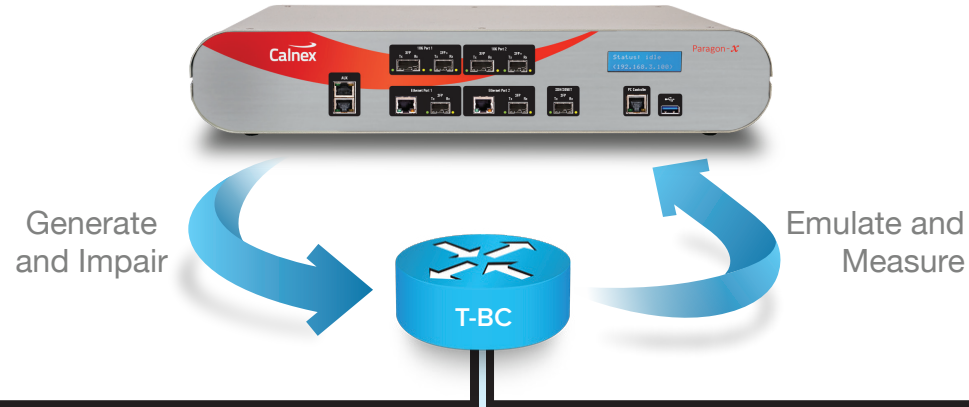


5 must-do tests for full T-BC conformance

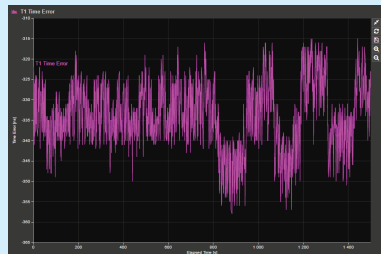
Paragon-X is the only test set that can ensure your Boundary Clocks meet ITU-T G.8273.2



01

Noise Generation: High Accuracy Measurement

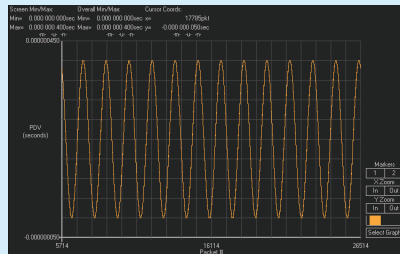
- +/-5ns absolute accuracy for PTP measurement
- Total control of testbed with Master/Slave emulation and fully characterized hardware
- Full set of ITU-T Time Error metrics with Pass/Fail and report generation



02

Noise Tolerance: Controlled Impairments

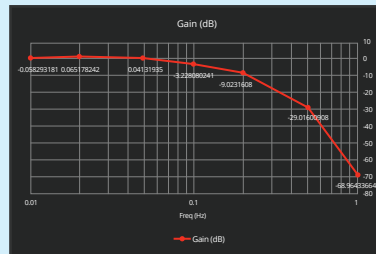
- SyncE wander
- PTP Time Error/PDV
- Optional ToD generation



03

Noise Transfer: Hybrid Requirements

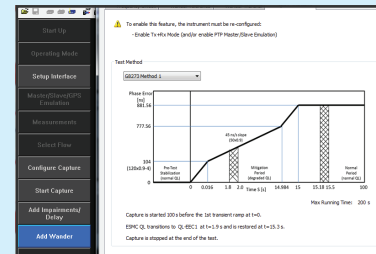
- T-BC filter bandwidth must be confirmed
- PTP to PTP and SyncE to PTP stimulus and response combinations
- Fully scriptable with additional performance insight



04

Transient Response: Complex Interactions

- Physical events, synchronized with PTP filtering and measurement
- BC Phase Noise Error with SyncE Transient on input
- Requires unique solution for control of SyncE and ESMC



05

Holdover: Performance with Loss of Reference

- PTP protocol control on input
- Vary ESMC quality level

And don't forget Profile Compliance

- Auto-configure emulation to required PTP profile
- Analyze and indicate device non-compliance field-by-field

