**Time taken to test 300 connections using STAs**

- Y-axis: Compute time (minutes) — 0.01, 0.1, 1, 10, 100
- X-axis: Voltage signal duration — 6 sec, 1 min, 10 min, 1 hr 40

(10 sec → 1.8 sec)

(10 min → 1.7 min)

(1 hr → 11 min)