

Example 2: Managing Online Retest Settings

Finding the Issue

An online retest dashboard detects that some of the testers are triggering more online retests than others.

Performing the Analysis

Normally, online retest is statistically the same across the test fleet. In this case, based on the data retrieved, the engineers realize that there is a fundamental difference in the way certain testers are performing retest. They check the online retest policy which is managed by the prober recipe and triggered by certain bin occurrences. They find discrepancies in the settings between different testers. Changing the settings resolves the issue.

Tester	DELTA	Offline Retest Rate %	Online Retest Rat... ▲	Total Units	Yield
X10	-3.15	0.00 %	● 6.85 %	134,644	97.09 %
X18	0.23	0.24 %	● 10.23 %	1,290,687	95.30 %
X11	2.73	0.92 %	● 12.73 %	1,008,403	94.18 %
X19	3.52	1.26 %	● 13.52 %	833,681	93.62 %
X7	4.11	1.72 %	● 14.11 %	1,105,526	93.49 %
X4	4.71	0.51 %	● 14.71 %	1,572,459	94.98 %
X16	5.01	4.43 %	● 15.01 %	307,548	94.45 %
X6	6.13	2.81 %	● 16.13 %	1,315,062	94.36 %
X5	15.08	0.92 %	● 25.08 %	1,037,197	92.51 %