LANforge Results

Executive style test reports

Dataplane Throughput Test
Automated test of throughput over different packet sizes, spatial streams, attenuation, rotation and more. Example Dataplane Report

Dataplane Throughput vs Orientation
Automated test of throughput over different DUT orientations. Requires turntable. Example Throughput vs Orientation

WiFi Receiver Sensitivity
Automated test that tests receiver sensitivity at different encoding rates, NSS, attenuation, rotation and more. Example Receiver Sensitivity Report

WiFi Rate vs Range
Automated throughput test at different RF signal levels. Good for testing rate control algorithms. Example Rate vs Range Report

WiFi Capacity Test
Automated test with increasing amounts of stations to see how well the Access Point scales. Example WiFi Capacity Report

Port Reset Test
Automated test that brings WiFi stations or other ports up and down. This is a good stability test of the management and authentication layers. Example Port Report

Roaming Performance
Automated station directed roaming, including 802.11k/v/r support. Example Roam Report

AP-Auto Automated Tests
A series of automated tests for AP testing, similar to TR-398, but requiring less equipment and no need for extra software license. Includes stability, capacity, performance and connection time tests. Example AP-Auto Report

Automated TR-398 Test
A series of automated tests for AP testing. Requires turntable, attenuators and 6 LANforge radios to run a complete set of tests. A subset of the tests can be run with less equipment, including over-the-air tests. Example TR-398 Report

Packet Captures
Create wifi monitor interfaces and launch Wireshark with the click of a button, and run automated diagnostics script on packet capture files.

VOIP/Video Quality
Real Application Performance

For more information, please contact sales@candelatech.com or give us a call at: 1-360-380-1618