

Network Testing and Emulation Solutions

DVTEST, in conjunction with Candela Technologies is proud to offer WiFi Network Emulation and Testing solutions.

TR-398 Wifi Testbeds

The TR-398 test plan qualifies the performance of WiFi APs. CandelaTech LANforge with DVTEST enclosures provide an automated solution.

WiFi Mesh Testing

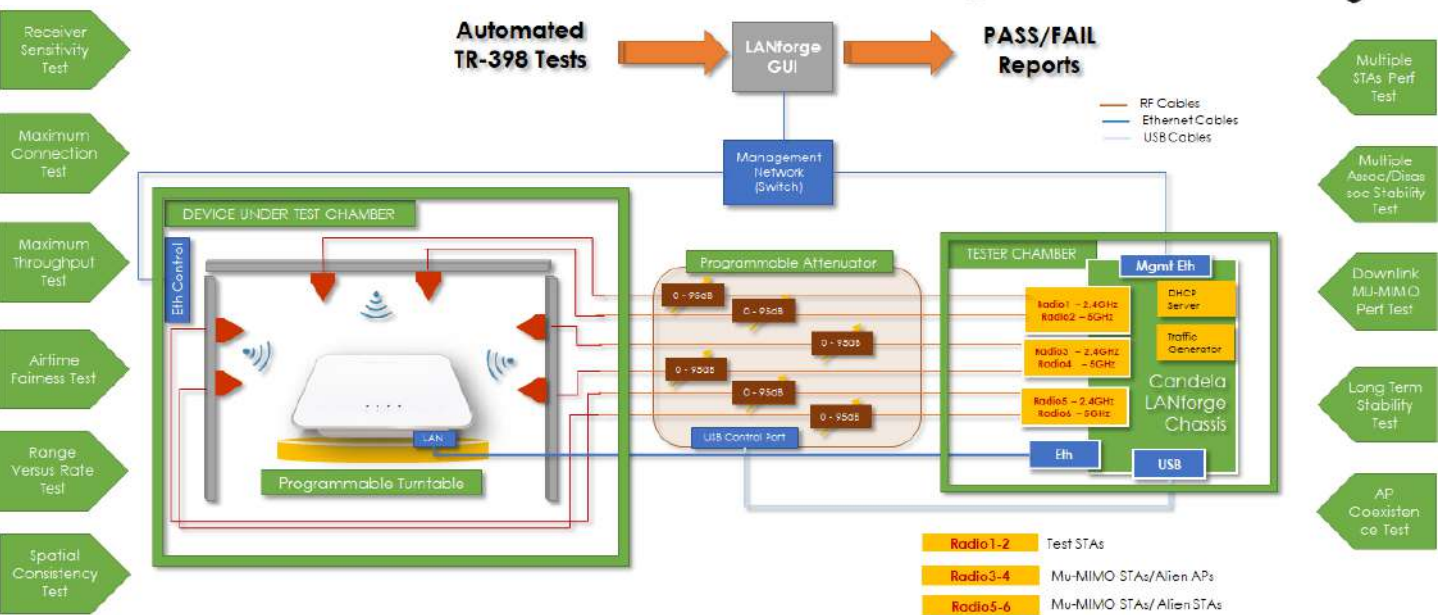
Emulate mesh node areas with isolation chambers while LANforge emulates clients' stations. Use graphical controls to emulate physical distance.

High Density Test Beds

Test APs using multiple test enclosures (up to 24) each with dedicated Lanforge Test emulators.

Rate vs Range vs Orientation

Test how well the AP can transmit packets at different signal levels. This is a good test of the AP's rate-control logic, as well as tx power and general ability to deal with various RF conditions. This emulates a throughput test as the user walks away from the AP.



The [TR-398 WiFi Issue 2 Performance test plan](#) by the Broadband forum provides a comprehensive set of tests to qualify the performance of WiFi access points (APs) to be deployed in residential and small office indoor environments.