



Addendum 1: SPECIFICATION PTC 273:2012

REQUIREMENTS FOR
CONNECTION OF ADSL
CPE TO THE TELECOM
NETWORK

(Telecom New Zealand, November 26, 2012)

The following alteration will be reflected in the upcoming revision of PTC273 Specification, section 6.6 (Basic Performance Test):

6.6. Basic Performance test

NOTE: *This section is not applicable to any commercial equipment or any CPE which requires a professional installer to commission it.*

This section is applicable to any consumer equipment or a residential CPE intended for installation without professional intervention where “out-of-box” programming is limited to user name, password and basic network credentials.

6.6.1 Requirement

This test sets the minimum downstream performance to be achieved by the modem on a typical customer line.

6.6.2 Test rationale

This test case is designed to give an indication that the modem will connect to a Telecom DSLAM and exceed a minimal data rate. This test is not a comprehensive performance test but eliminates any product which is not fit for purpose.

6.6.3 Test procedure

This test uses Telecom cable between the Test Laboratory and the nearest Telecom ADSL2+ DSLAM.

1. Measure downstream speed of a reference modem
2. Connect modem under test and measure downstream speed
3. Repeat steps 1 and 2

The time between each test shall be not more than 5 minutes

6.6.4 Result

The average speed of the two tests of the modem under test shall be not less than 60% of the average speed of the two tests of the reference modem.