

Review EAP-350

Description of the test

This review aims to provide performance measurement to capture TCP and UDP value.

Expectation of the test

The EnGenius EAP-350 has the ability to broadcast on the B/G/N band. The test we have done has taken place on the 2.4 Ghz. For this test we used the internal antenna.

Our expectation of the EnGenius EAP-350 is that the unit has an average throughput rate between 100 and 110 Mbps. At the bottom of this page you can see what we have actually measured. A distinction is made between TCP and UDP.

Test setup

The EnGenius EAP-350 is configured as an access point and wired connected to the first notebook. The EnGenius EAP-350 is located on the ground floor. The second notebook is connected wirelessly to the EAP-350 and is located on the first floor. The test was performed with an output power of 20 dBm.

In the environment we have tested this setup there were a number of other 2.4 GHz networks. Those networks had no influence on the outcome of this test.

Results

The measurements were performed with the program ZapD. ZapD is a tool that measures the maximum performance of TCP and UDP bandwidth.

Summary ZapD measurements

Product	EnGenius EAP-350
Testdescription	Product has been tested on throughput

Results	Gem. Bandwidth UDP	Gem. Bandwidth TCP
From Wireless To LAN	72.0	50.4
From LAN To Wireless	72.3	50.1