ET4394 Wireless Networking - Analyzing CRC faults

Bernard Bekker - xxxxxx
Bart Rijnders - 4103505

1   Abstract

In this report the effect of signal strength, frequency and data rate on the amount of CRC failures in WiFi networks is analyzed. Several hours of data was collected using a laptop with it's WiFi adapter and a python library pyshark. This library is a python wrapper for tshark and allows packet parsing using wireshark dissectors. (insert resultaten)

2   Hypotheses

Packet loss can occur when the signal is insufficiently strong