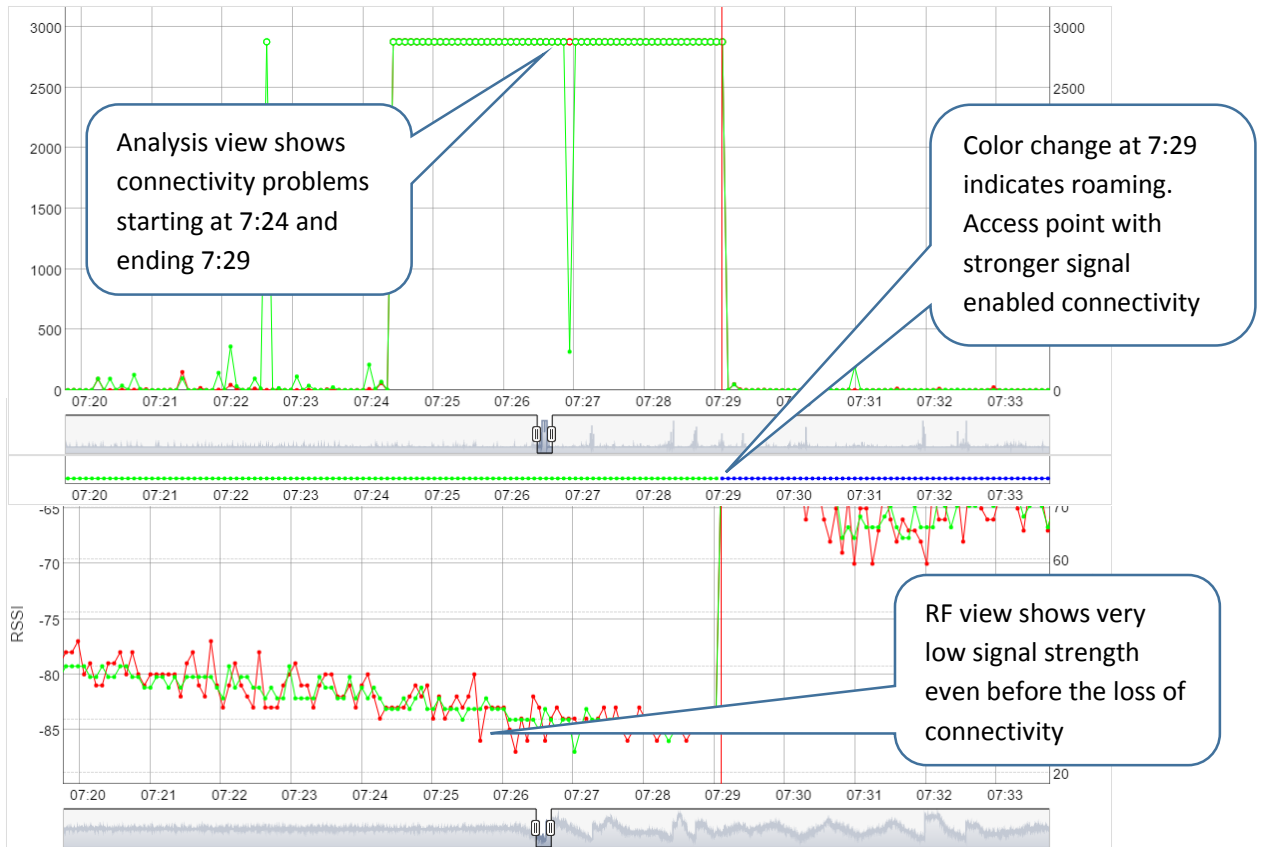


## AirMobile BOX, troubleshooting with view from real WiFi clients

AirMobile BOX™ helps network engineers to get insight into the WiFi service from a new angle – the clients view. Troubleshooting WiFi networks is a demanding task, especially since the problems are often intermittent. When the best of WiFi network designs and infrastructure does not stop end user complaints, it's time to put the AirMobile BOX tool to work. Quick and easy, you will get a great view of how the clients perform on the network, including roaming activity and relevant radio parameters. You will find that the client have a very different view of things than information from other tools or the infrastructure management.



3 AirMobile USB licenses and one AirMobile BOX™ running the AirMobile Analyzer™, dimensions 116mm x 112mm x 34mm



There were a total of 14 available AP's, some with good signal levels, which suggest a sticky client problem

| Date                       | Host1  | SSID | BSSID | Channel | Signal quality | Rssi | Rssis_list   | Lat | Long | Fix |
|----------------------------|--------|------|-------|---------|----------------|------|--|-----|------|-----|
| 2015-03-27<br>07:29:06.953 | 138.10 |      |       | 1       | 82             | -59  | (14) -76 -55 -80 -75<br> -80 -85 -76 -71 -83<br> -70 -81 -76 -78 -86 | 0   | 0    | 0   |

## Tool description

AirMobile BOX™ comes preinstalled, ready to run on an Intel Mini PC bundled with three agents provided on a small USB stick. It supports further expansion up to twenty agents in total. The agent installs on Windows 7-10/Vista clients to be monitored. The USB agents can be moved between different clients to be monitored, and data is sent to the BOX where analysis results are presented through a web interface.