

Topic / Issue: What does link quality and signal strength rating mean?

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The Alloy GL242201 PCMCIA card and the GL2422VP PCI card support link quality and signal strength metering. The following explains the difference between these.

The Link Quality meter indicates the signal to noise levels that the Wireless NIC is receiving from its associated AP.

- * A high meter level indicates a good ratio of signal to background noise.
- * Low levels of "Link Quality" could indicate a "Noisy" 2.4 Ghz environment.

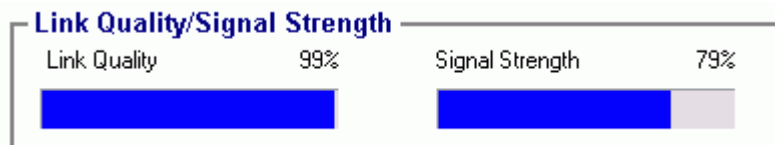
This could be due to the close proximity of other 802.11b networks, or other RF generating devices, Handheld phones, Microwaves etc..

Incorrect Antenna configuration or selection could also cause Low levels of "Link Quality"

A good simple explanation of "Link Quality" is: (do the packets have thick accent or are they spoken very clearly)

The Signal Strength meter is a measure of the dB level of the actual signal.

A good simple explanation of "Signal Strength" is: (How loudly the packets are spoken/heard)



Summary:
(If required)