The wireless link is down (it got lost)

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Problem	Debugging steps; possible cause & solution
The wireless link is down and there is no access to the remote unit, but there is access to the local unit	1) Check the values of the radio parameters in the "Radio" page of the local unit to verify if they correspond to the settings from the radio planning stage: • Max Distance • Center Frequency • Channel Width • Transmit Power • Maximal MCS • Frame Period • Node Type • Link ID If some of the parameters have different values, perform the modifications and check the wireless link establishment after unit reboot. In case the wireless link is still down, go on site to the location of the local unit and check the integrity of the RF cables if an external antenna is used. Tighten the connectors and check the antennas, as well. Make sure that the Vertical and Horizontal RF connections are properly performed.
	2) In case the wireless link is still down even if the parameters are according with the settings from the radio planning stage and the RF connectivity verifications are completed for the local unit (cables and connectors), go on site to the location of the remote unit
	3) If the remote unit is powered on (else, check the AC power supply, the IDU and the Ethernet cables), connect to it using a laptop and check all radio parameters and RF connectivity as described in step 1 and perform all corrections. The values for the following radio parameters must be the same on both units: • Center Frequency • Channel Width • Frame Period • Max Distance (must be well above the actual distance) • Short Cyclic Prefix • Link ID Check the license file in the "Maintenance" page to see if the configured parameter values are supported by the license (channel width, power level, frequencies, etc.) Perform all needed modifications and check the wireless link establishment after unit reboot.
	4) In case the wireless link is still down, check the antennas alliagnment with two teams working concurrently, one at the remote site and the other one to the local site. Also, redo the radio planning: it can be that the coordinates from the initial radio planning stage to be innapropriate for the current situation (huge interferences on the working set of frequencies, Fresnel zone obstruction as well as the wireless link cannot be established, etc.).
	5) Replace the unit if necessary or report the problem to InfiNet Wireless support team with the Diagnostic card. > ⚠ **NOTE** > Diagnostic card can be created in the web-interface in "Maintenance" or with Commands for diagnostic card creation. http://support.infinetwireless.com support@infinetwireless.com +7 343 253-15-33

Title

Table - The wireless link is down