

Antenna Alignment Tool

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The graphical antenna alignment tool allows to visualize the signal characteristics on both sides of the link in order to make the antenna alignment process more accurate and easier. It helps to find the best antenna position via comparing the actual received signal level with the calculated reference value. The accuracy of the antenna alignment at the neighbor device is very important for the link quality. Antenna alignment tool operates online and does not break the wireless connection.

Each side of the link (local and remote) has two similar test indicator sets, corresponding to each antenna polarization. This allows controlling the alignment process for each antenna polarization for the local and for the remote device simultaneously.

The main idea is to achieve the actual signal level (green square) is closer to the reference value (pale green area). Grey square shows maximal achieved value on each channel.



Figure - Antenna alignment tool