

How to Get Highest Performance

Antenna placement is key. An antenna is like a plant, it wants to be up and near a window to give it the clearest path to the cell tower. Try the following steps!

Power

Make sure the router is correctly plugged into the wall and has power, the LED lights should blink on.

Connectors

Make sure both cables from the antenna are screwed on tight to the back of the router. A little more than finger tight is enough.

Upright Antenna

The antenna needs to be placed in the upright position as seen in Figure 1 otherwise, performance will be compromised. The antenna elements are designed to operate in this specific position to gain optimal signal from the cell tower.



Figure 1.

Avoid Large Electrical or Metal Devices

The antennas should be placed away from air conditioners, refrigerators, washing machines, safes, and other large equipment that has a motor.

Placement

To optimize the antenna for the best signal path, make sure the antenna is placed vertically on a wall in the upright position. Avoid signal loss by install the antenna as far away as possible from other devices (minimum 24 inches), including lights, AC units, routers, and other antennas. The ideal height on a wall for best placement is about 6 feet off the ground above any appliances, filing cabinets, or other obstructions in the room.

Signal Path

The best signal path is a clear view to an outside window. If you do not have a clear view of a window, make sure the antenna is exposed to the most open part of any room.

Desktop Mount

If you are using the desktop mount, as seen in Figure 2, and want to increase the performance, rotate the antenna towards a window and retest, making sure nothing else is in the way of the antenna as it looks to the window.



Figure 2.



*Signal quality is dependent on many factors and improvements cannot be guaranteed especially for locations that already have good cellular connectivity.

