



Low-band spectrum offers blanket coverage

Low-band spectrum is any spectrum lower than 1 GHz on the spectrum chart. Early wireless networks, often called analog cellular, were deployed in low-band 800 MHz spectrum.

At the time, CSPs often referred to low-band spectrum as "beachfront property" because it was desirable. Wireless carriers could serve thousands of customers within hundreds of square miles with just one tower.

A low-band spectrum in a 5G world will allow CSPs to provide comprehensive coverage. Still, the speed and latency of the 5G network will only be incrementally better than what is delivered with 4G networks due to smaller bandwidths.

The 5G network's performance will depend on your cell site's proximity. However, low-band spectrum does make it easier for the wireless signal to penetrate windows and walls.