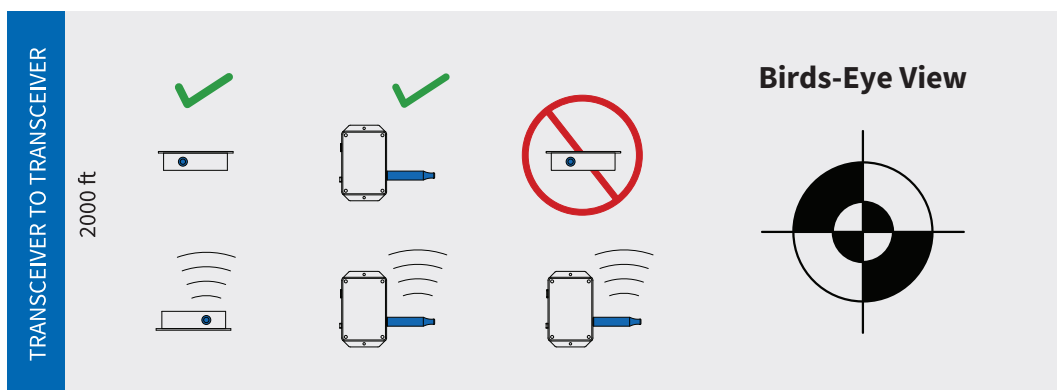
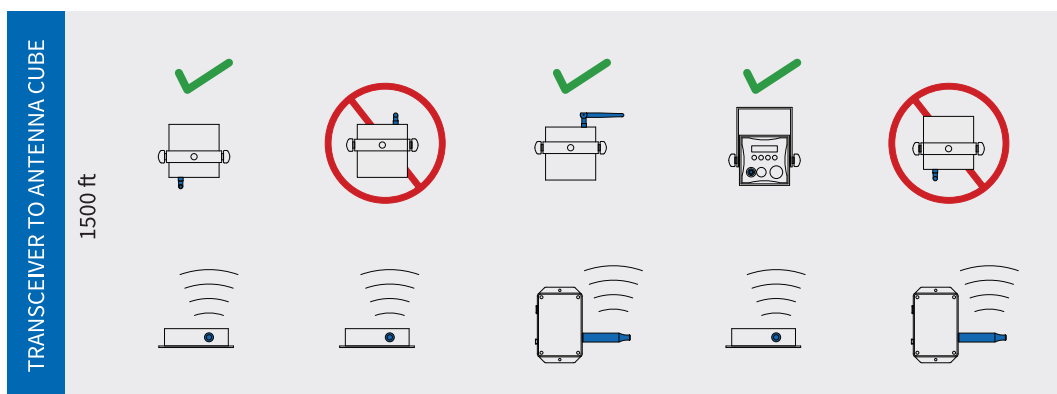
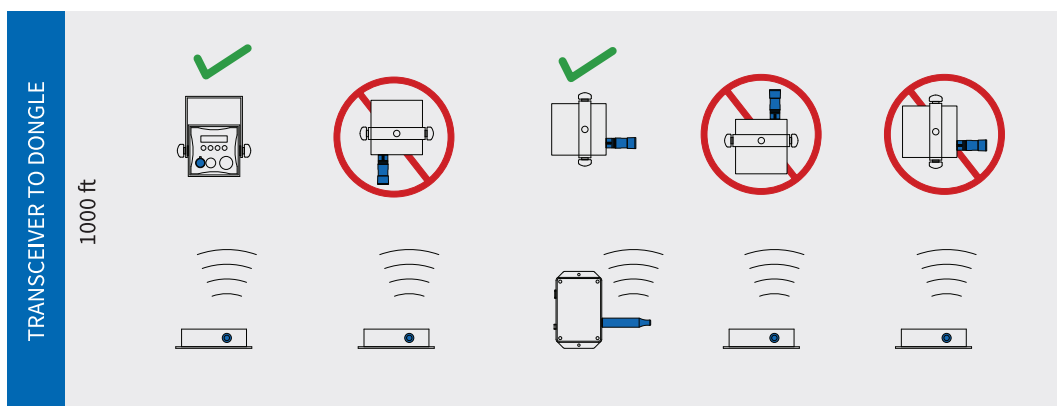


## Open Air Wireless Testing

Our Open Air test location consisted of a 2,000ft open field with parallel elevation. Line of sight provides the most robust signal transmission and reception. The CubeConnect™ Wireless Dongle receiver allows control to 1000-ft (305m) away. The Cube with an

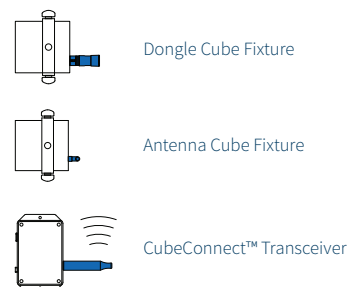
Antenna receiver extends control range to 1500-ft (457m). A second CubeConnect™ transceiver, which acts as a receiver, provides maximum control range up to 2,000-ft (610m).

- Transceiver to Dongle
- Transceiver to Antenna
- Transceiver to Transceiver



Antenna positions for the sending Transceiver and the corresponding receiving Dongle, Fixture Antenna or Transceiver can significantly affect signal quality. For optimum performance reference the sending and receiving pairings and positions in the diagrams to the left.

As a general rule, parallel Antenna/Dongle positions provide the best signal transmission quality.



## Indoor Wireless Testing

Placement of transceivers and receiving fixtures with Dongles, Antennas or Transceivers is affected by permanent walls, partitions, doorways, etc. and in most locations will be less robust than open air, line-of-site transmissions. Below is a sample installation that we did so you can see how the wireless connection is effected by obstructions. We recommend doing a mockup before a permanent install.

