

DIVERSITY RECEIVER FRONT END SYSTEM WITH PHASE-SHIFTING COMPONENTS

ABSTRACT

Diversity receiver front end system with phase-shifting components. A receiving system can include a controller configured to selectively activate one or more of a plurality of paths between an input of the receiving system and an output of the receiving system. The receiving system can further include a plurality of amplifiers, each one of the plurality of amplifiers disposed along a corresponding one of the plurality of paths and configured to amplify a signal received at the amplifier. The receiving system can further include a plurality of phase-shift components, each one of the plurality of phase-shift components disposed along a corresponding one of the plurality of paths and configured to phase-shift a signal passing through the phase-shift component.

[FIG. 6A]