

DIVERSITY RECEIVER FRONT END SYSTEM WITH SWITCHING NETWORK

ABSTRACT

Diversity receiver front end system with switching network. A receiving system can include a plurality of amplifiers, each one of the plurality of amplifiers disposed along a corresponding one of a plurality of paths between an input of the receiving system and an output of the receiving system and configured to amplify a signal received at the amplifier. The receiving system can further include a switching network including one or more single-pole/single-throw switches, each one of the switches coupling two of the plurality of paths. The receiving system can further include a controller configured to receive a band select signal and, based on the band select signal, enable one of the plurality of amplifiers and control the switching network.

[FIG. 5]