ABSTRACT

DYNAMIC SEARCH SPACE CONFIGURATION

The present disclosure relates to transmitting and receiving improved monitoring reports. A base station can configure a user equipment (UE) to monitor a channel/signal on multiple beams. The base station can transmit the multiple beams to the UE, which are at different time periods in a monitoring window. The UE can then monitor the multiple beams within the monitoring window and determine a monitoring report. The UE can then transmit the monitoring report to the base station, wherein the monitoring report indicates a subset of multiple beams as being more or less suitable for communication. The base station can also indicate that it will stop transmitting one or more beams and then stop transmitting the beams. If the UE does not send the report, the base station can continue to transmit the multiple beams.

Fig. 9