

ABSTRACT

METHODS AND SYSTEMS OF POWER CONTROL FOR UPLINK TRANSMISSION

A method for power control for uplink transmission is provided. In an embodiment, a method in a user equipment (UE) for reference signal (RS) relationship specific uplink (UL) transmission power control includes transmitting, by the UE, a first UL signal according to a first power control set including at least one of a first target power, a second target power, a DL reference signal (RS) for pathloss estimation, a pathloss compensation factor, and a transmit power command (TPC). The first power control set is determined according to a first RS relationship between one first RS and a first UL signal.

Fig. 1