

ABSTRACT

Disclosed is a random access message transmission method, relating to the technical field of wireless communications. The method is executed by a base station, and the method comprises: configuring a specified power difference interval for a terminal; and receiving a first random access message sent by the terminal according to a first transmission power, the first transmission power comprising a first power of the first random access message in a physical random access channel PRACH and a second power of the first random access message in a physical uplink shared channel PUSCH, and the power difference between the first power and the second power being within the specified power difference interval. The present solution can avoid the situation of a large resulting deviation when the base station compensates the receiving power of the PUSCH in MsgA on the basis of the receiving condition of the PRACH in MsgA, thereby improving the receiving performance of the base station for the PUSCH in MsgA.

Figure 2