

## Abstract

The present disclosure relates to a transmission power adjustment method, a device, a terminal, a system, and a storage medium. The method comprises: receiving first information sent by a network device, wherein the first information is used for triggering a user equipment to initiate a random access transmission to a candidate cell to perform timing advance (TA) measurement, and the first information comprises at least one of a random access resource of the candidate cell and first beam information for initiation of random access; receiving configuration information sent by the network device, wherein the configuration information comprises a power ramping step for performing a random access retransmission; and on the basis of the first information and the power ramping step, determining first transmission power for the random access transmission. Thus, the transmission efficiency of a user sending a preamble sequence is improved, and then the success rate of RACH reception is increased.

Fig. 2a