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(54) **Title:** TRANSMISSION POWER ADJUSTMENT METHOD, DEVICE, TERMINAL, SYSTEM, AND STORAGE MEDIUM

(54) 发明名称: 传输功率调整方法、设备、终端、系统及存储介质

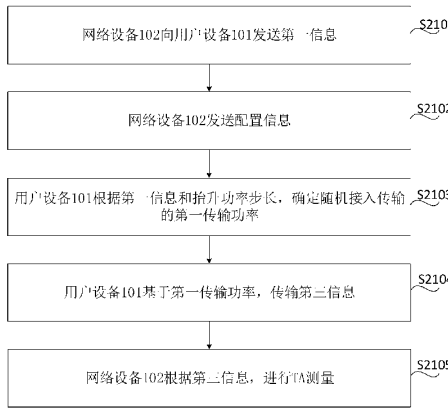


图 2a

- S2101 A network device 102 sends first information to a user equipment 101
S2102 The network device 102 sends configuration information
S2103 The user equipment 101 determines first transmission power for a random access transmission on the basis of the first information and a power ramping step
S2104 The user equipment 101 transmits third information on the basis of the first transmission power
S2105 The network device 102 performs TA measurement on the basis of the third information

(57) **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

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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.

(57) 摘要: 本公开涉及一种传输功率调整方法、设备、终端、系统及存储介质。该方法包括: 接收网络设备
发送的第一信息, 第一信息用于触发用户设备向候选小区发起随机接入传输进行定时提前值TA测量, 第一
信息包括候选小区的随机接入资源和发起随机接入的第一波束信息中的至少一种, 接收网络设备发送的配
置信息, 配置信息包括进行随机接入重传的抬升功率步长, 根据第一信息和抬升功率步长, 确定随机接入传
输的第一传输功率。从而增加用户发送preamble序列的传输效率, 进而增加RACH接收的成功率。