

FIG. 1

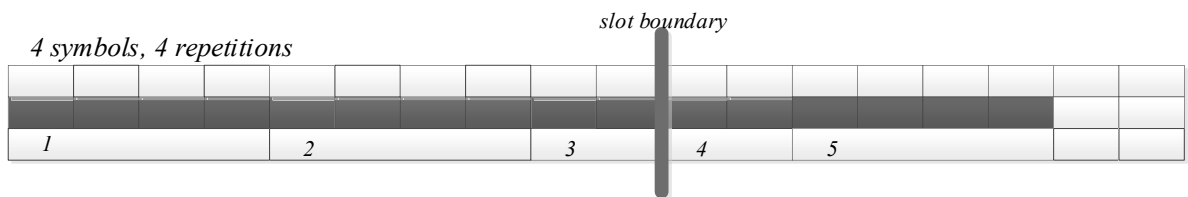


FIG. 2

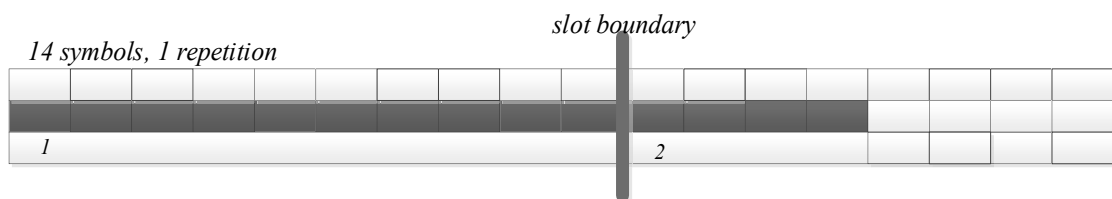


FIG. 3

sending an indication message to a UE, wherein the indication message comprises a plurality of pieces of PT-RS indication information corresponding to a plurality of TRPs, the PT-RS indication information represents transmission towards a corresponding TRP and indicates a DMRS port associated with a corresponding PT-RS port

101

FIG. 4

sending the indication message to the UE through DCI

201

FIG. 5

in response to the maximum number of uplink transmission layers configured by the network device being two and the number of uplink PT-RS ports being one, the DCI comprises one corresponding PT-RS indication field

301

FIG. 6

in response to the maximum number of uplink transmission layers configured by the network device being two and the number of uplink PT-RS ports being two, the indication message is not added to the DCI

401

FIG. 7

in response to the maximum number of uplink transmission layers configured by the network device being one, the indication message is not added to the DCI

501

FIG. 8

in response to the maximum number of uplink transmission layers configured by the network device being greater than two, the DCI comprises two corresponding independent PT-RS indication fields

601

FIG. 9

receiving a supported number of cyclic mapping DMRS ports reported by the UE and the number of DMRS ports configured by the network device

701

FIG. 10

receiving an indication message sent by a network device, wherein the indication message comprises a plurality of pieces of PT-RS indication information corresponding to a plurality of TRPs, the PT-RS indication information represents transmission towards a corresponding TRP and indicates a DMRS port associated with a corresponding PT-RS port

801

FIG. 11

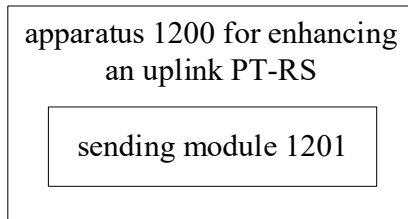


FIG. 12

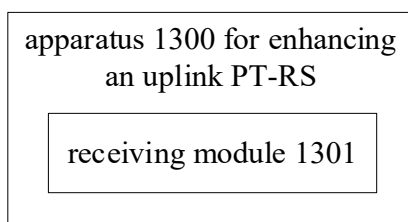


FIG. 13

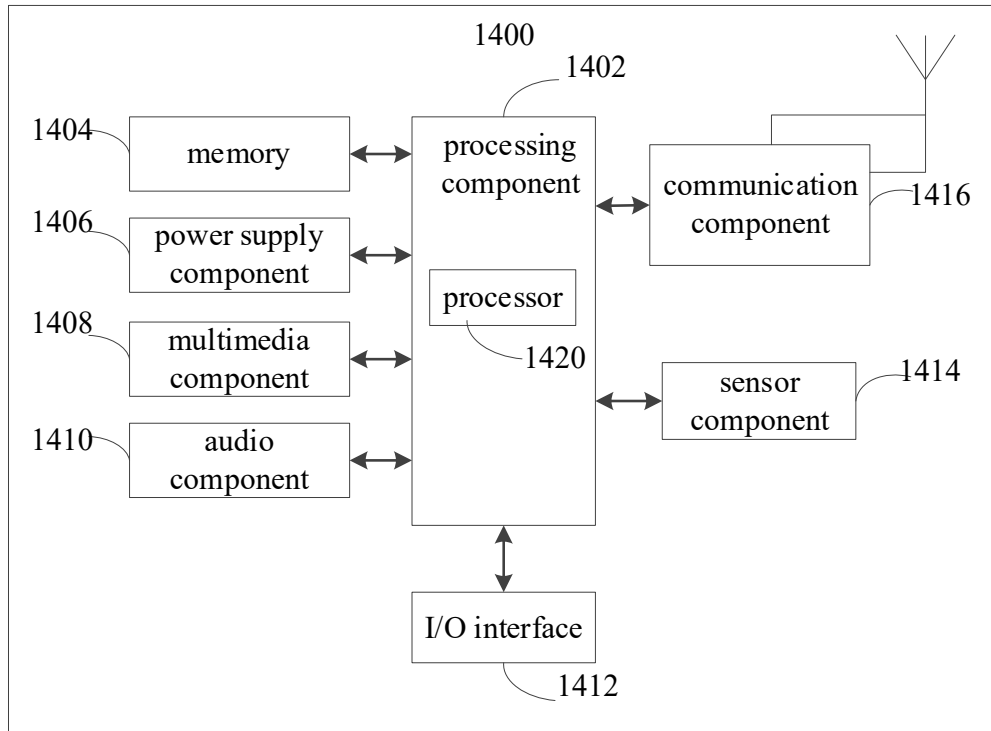


FIG. 14

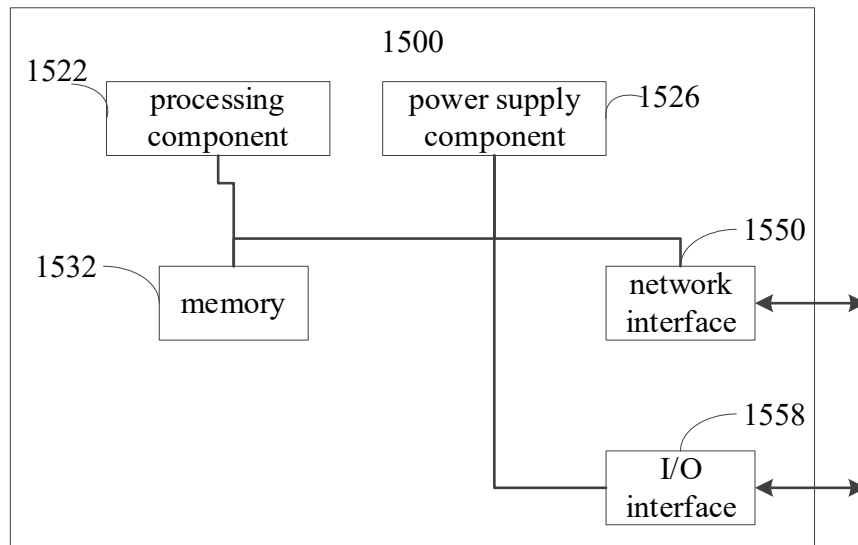


FIG. 15