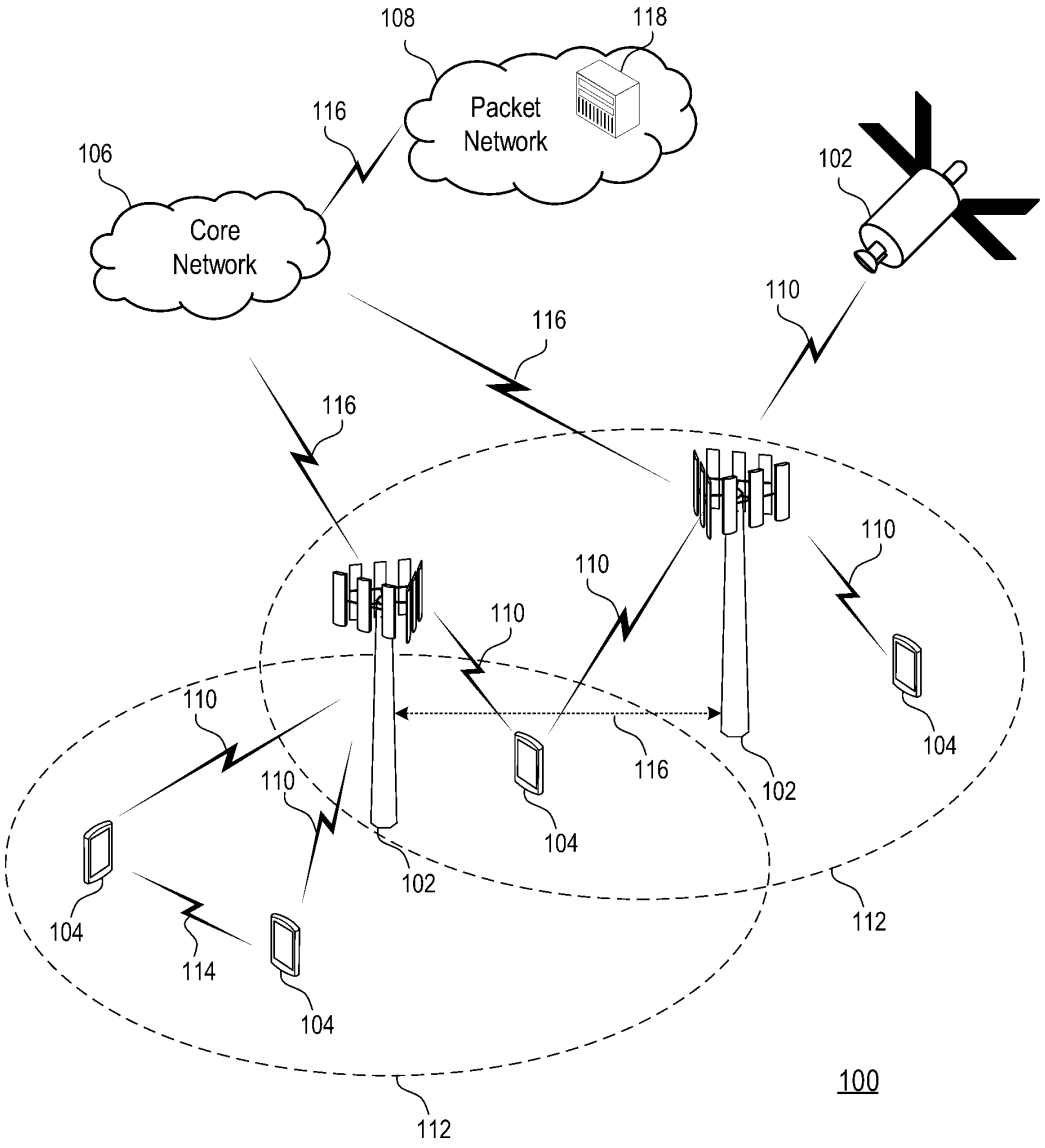

108
118
Packet Network
116
106
Core Network
102
110
116
116
110
110
110
110
110
104
116
102
104
110
110
102
104
114
104
112
100
112

FIG. 1

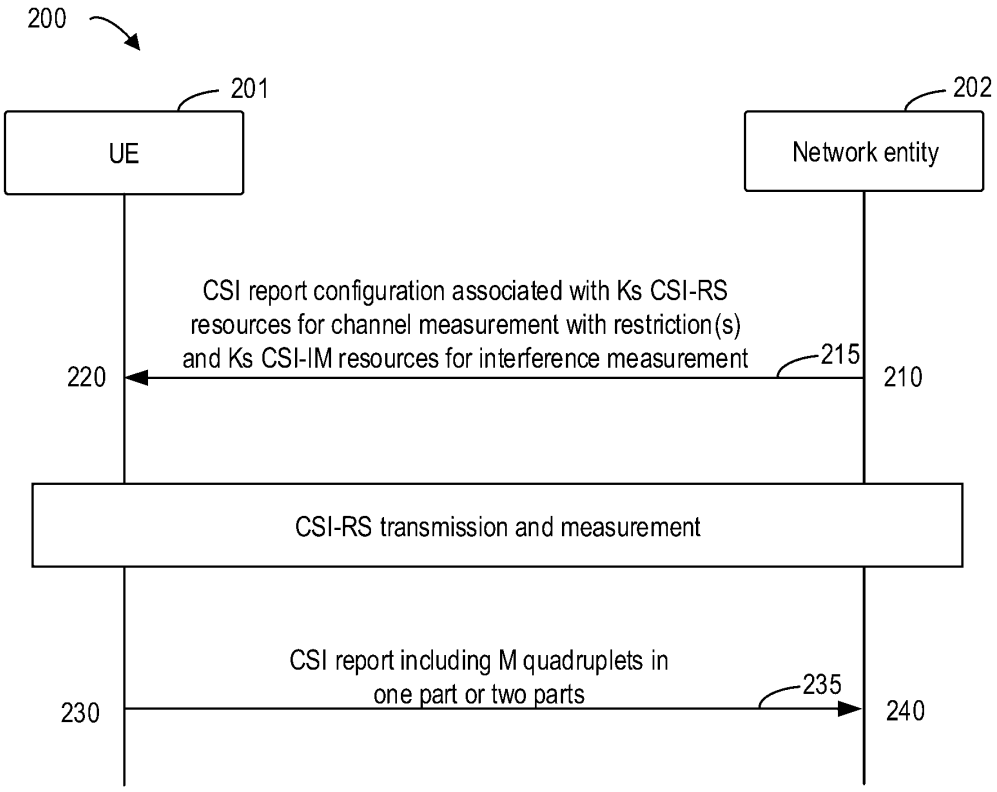

200
201
UE
202
Network entity
CSI report configuration associated with Ks CSI-RS resources for channel measurement with restriction(s) and Ks CSI-IM resources for interference measurement
215
220
210
CSI-RS transmission and measurement
CSI report including M quadruplets in one part or two parts
235
230
240

FIG. 2

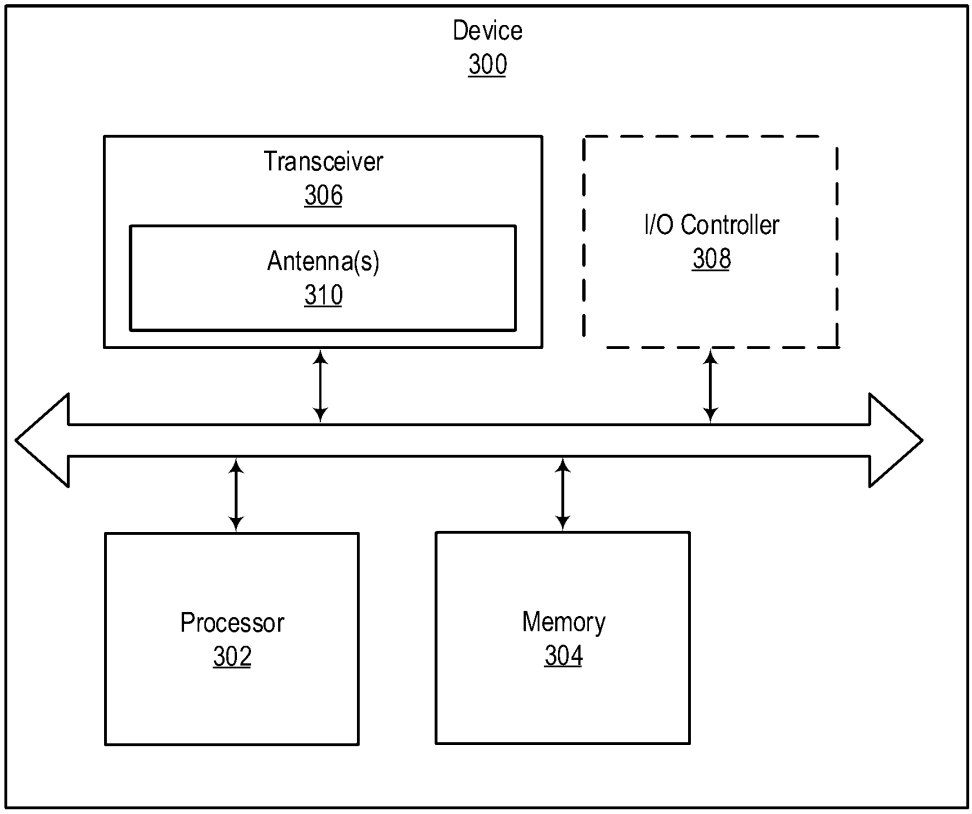

Device
300
Transceiver
306
Antenna(s)
310
I/O Controller
308
Processor
302
Memory
304

FIG. 3

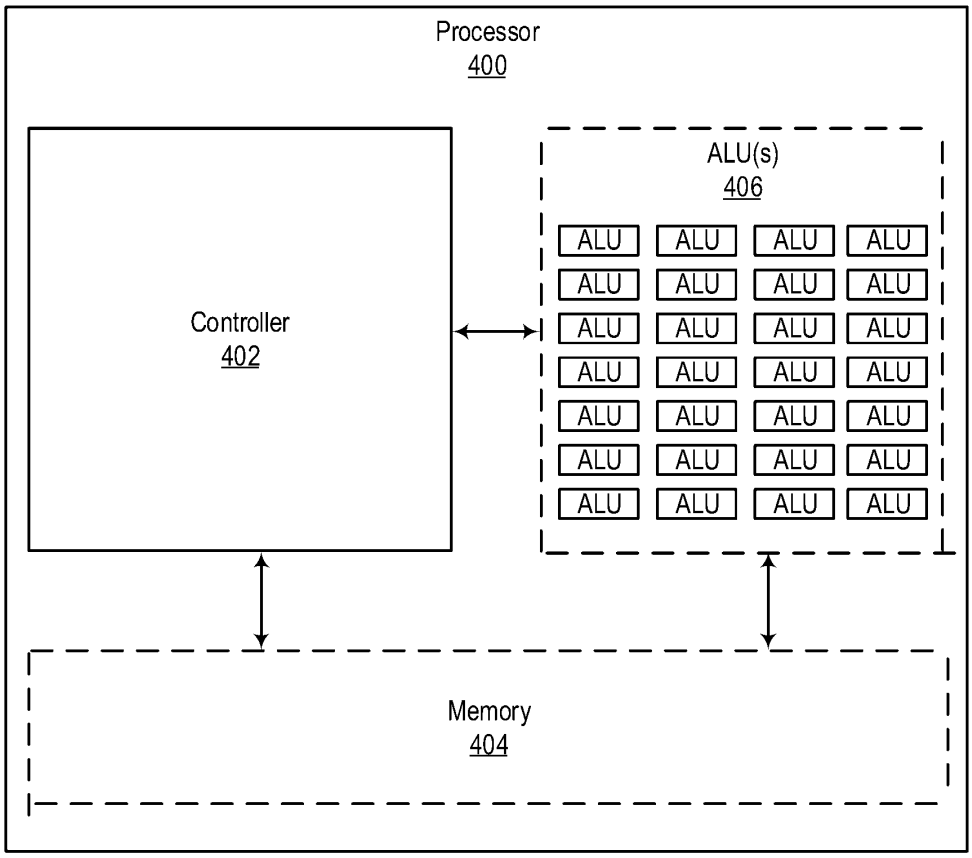


FIG. 4

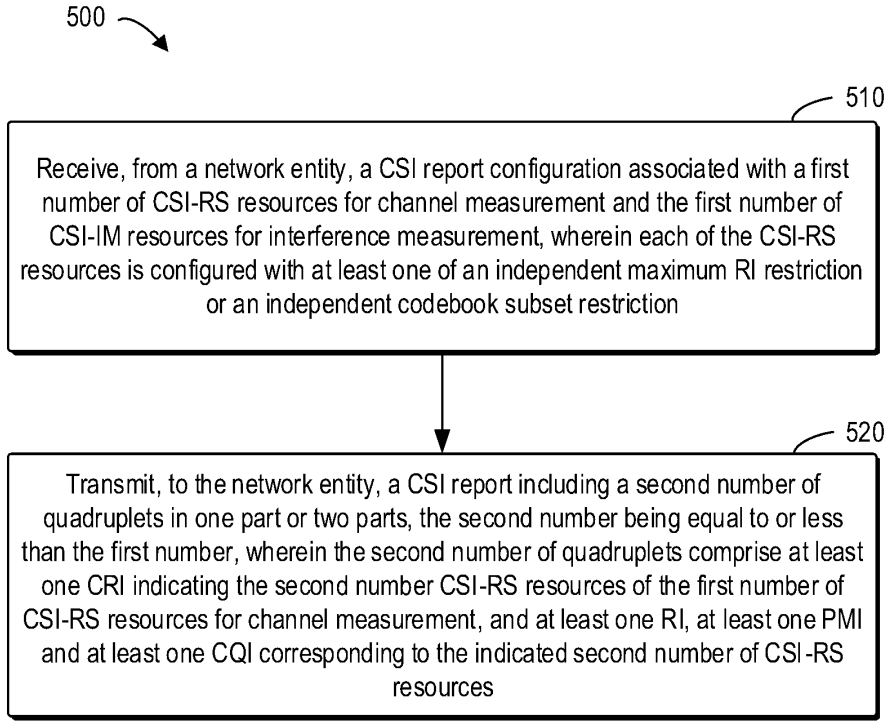

500
510
Receive, from a network entity, a CSI report configuration associated with a first number of CSI-RS resources for channel measurement and the first number of CSI-IM resources for interference measurement, wherein each of the CSI-RS resources is configured with at least one of an independent maximum RI restriction or an independent codebook subset restriction
520
Transmit, to the network entity, a CSI report including a second number of quadruplets in one part or two parts, the second number being equal to or less than the first number, wherein the second number of quadruplets comprise at least one CRI indicating the second number CSI-RS resources of the first number of CSI-RS resources for channel measurement, and at least one RI, at least one PMI and at least one CQI corresponding to the indicated second number of CSI-RS resources

FIG. 5

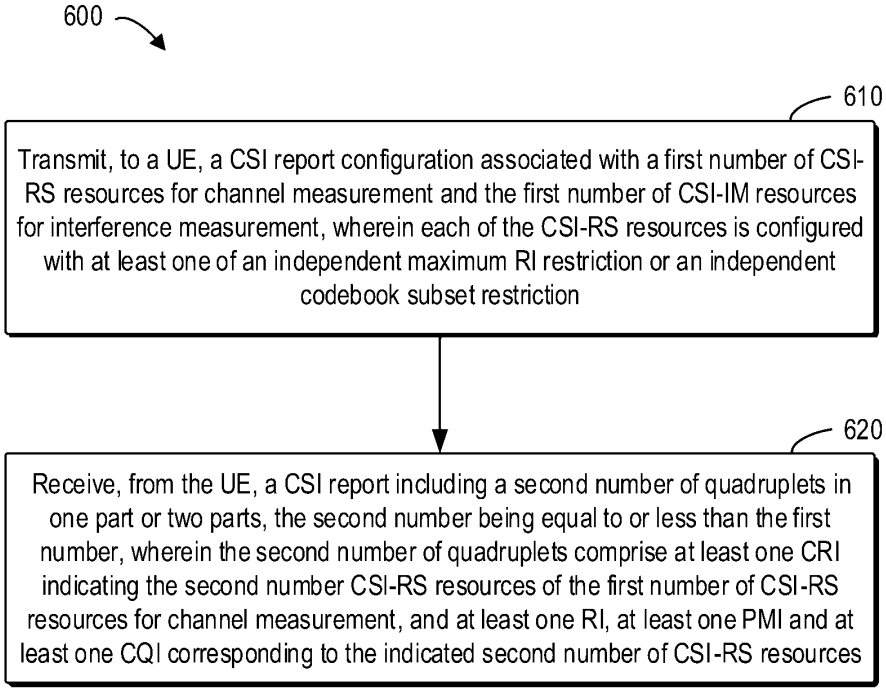

600
610
Transmit, to a UE, a CSI report configuration associated with a first number of CSI-RS resources for channel measurement and the first number of CSI-IM resources for interference measurement, wherein each of the CSI-RS resources is configured with at least one of an independent maximum RI restriction or an independent codebook subset restriction
620
Receive, from the UE, a CSI report including a second number of quadruplets in one part or two parts, the second number being equal to or less than the first number, wherein the second number of quadruplets comprise at least one CRI indicating the second number CSI-RS resources of the first number of CSI-RS resources for channel measurement, and at least one RI, at least one PMI and at least one CQI corresponding to the indicated second number of CSI-RS resources

FIG. 6