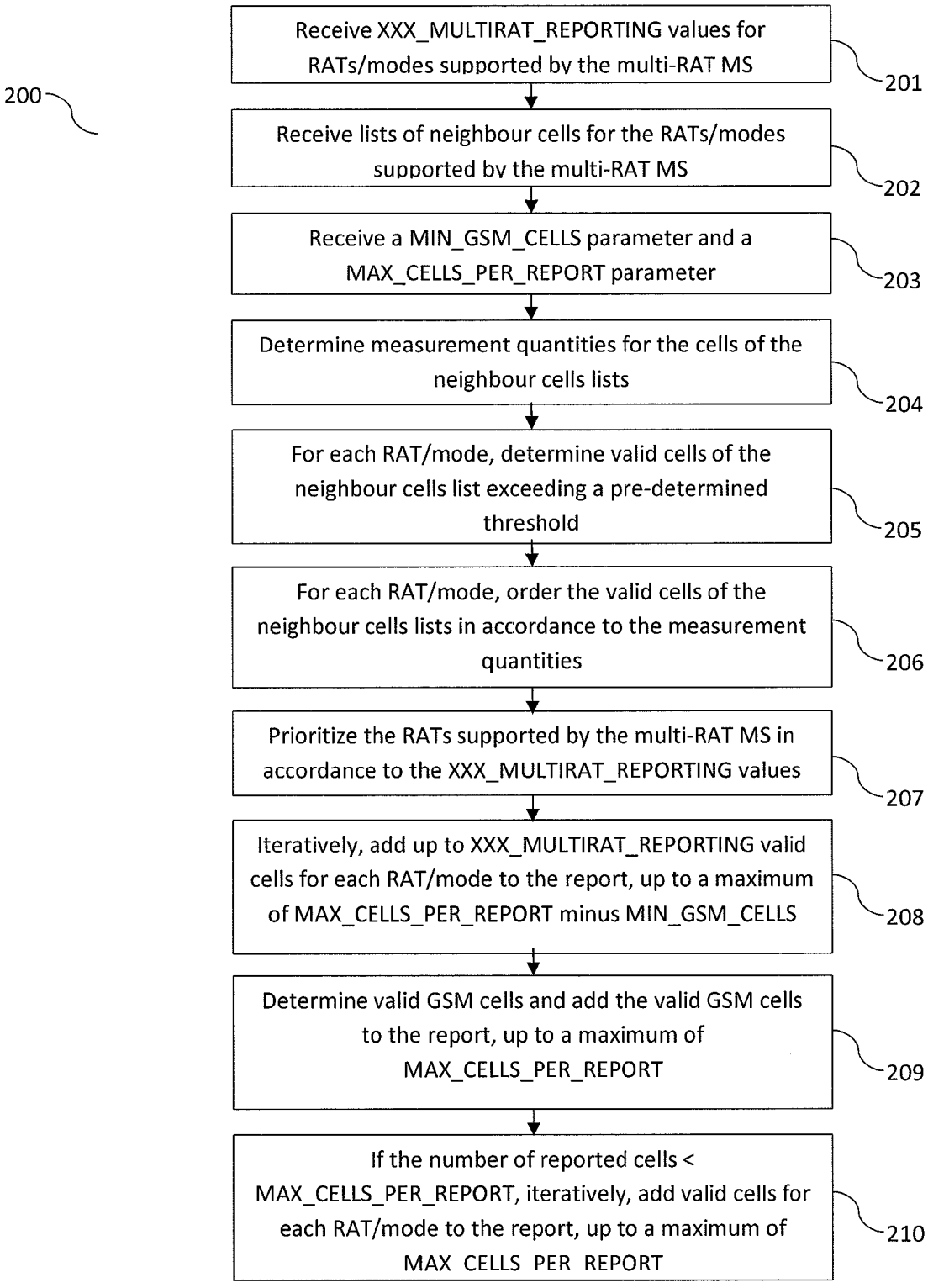

200
Receive XXX_MULTIRAT_REPORTING values for RATs/modes supported by the multi-RAT MS
201
Receive lists of neighbour cells for the RATs/modes supported by the multi-RAT MS
202
Receive a MIN_GSM_CELLS parameter and a MAX_CELLS_PER_REPORT parameter
203
Determine measurement quantities for the cells of the neighbour cells lists
204
For each RAT/mode, determine valid cells of the neighbour cells list exceeding a pre-determined threshold
205
For each RAT/mode, order the valid cells of the neighbour cells lists in accordance to the measurement quantities
206
Prioritize the RATs supported by the multi-RAT MS in accordance to the XXX_MULTIRAT_REPORTING values
207
Iteratively, add up to XXX_MULTIRAT_REPORTING valid cells for each RAT/mode to the report, up to a maximum of MAX_CELLS_PER_REPORT minus MIN_GSM_CELLS
208
Determine valid GSM cells and add the valid GSM cells to the report, up to a maximum of MAX_CELLS_PER_REPORT
209
If the number of reported cells < MAX_CELLS_PER_REPORT, iteratively, add valid cells for each RAT/mode to the report, up to a maximum of MAX CELLS PER REPORT
210

Fig. 1

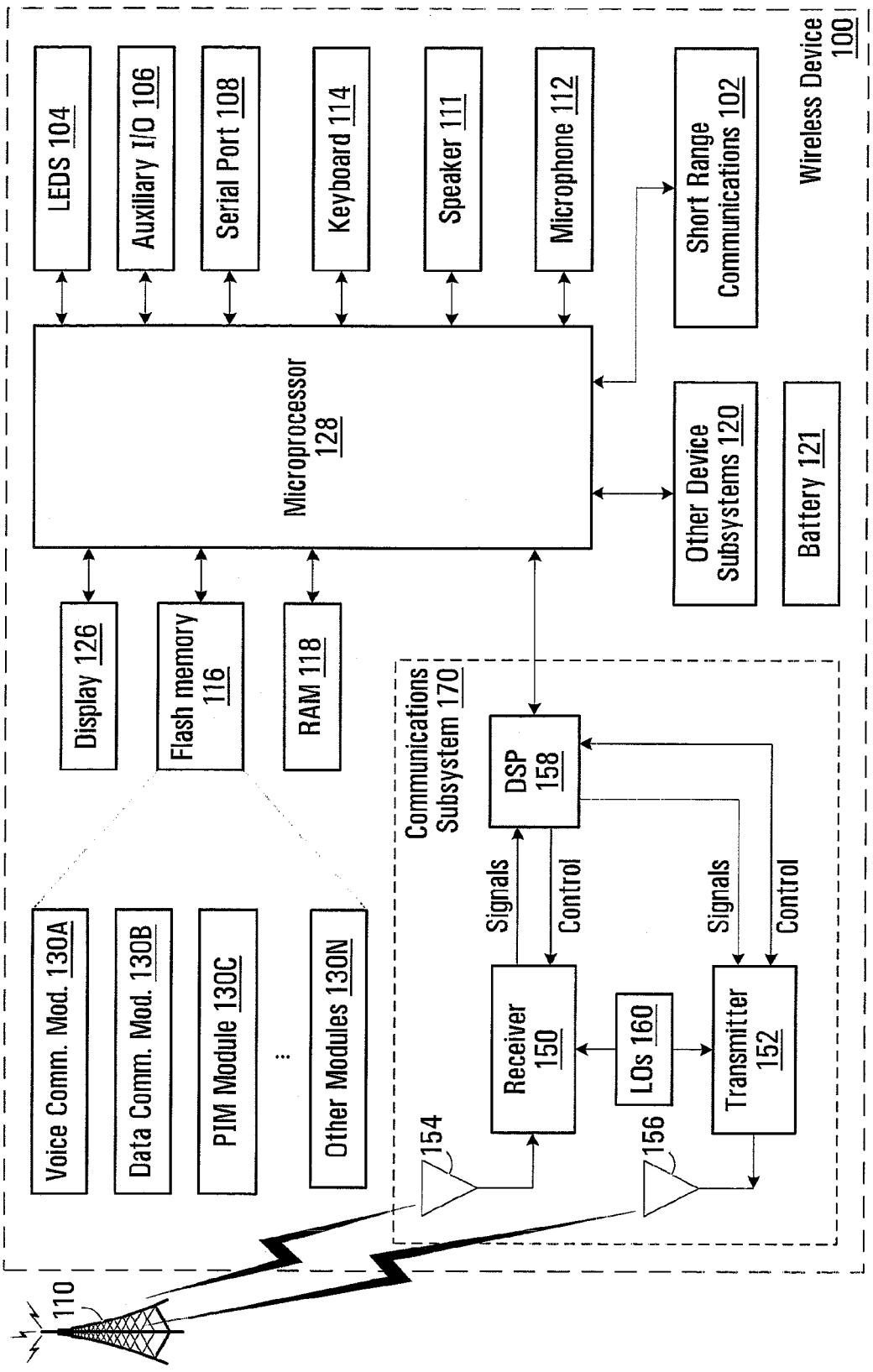

Wireless Device 100
LEDS 104
Auxiliary I/O 106
Serial Port 108
Keyboard 114
Speaker 111
Microphone 112
Short Range Communications 102
Microprocessor 128
Other Device Subsystems 120
Battery 121
Display 126
Flash memory 116
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Communications Subsystem 170
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Signals
Control
Signals
Control
Receiver 150
LOs 160
Transmitter 152
154
156
Voice Comm. Mod. 130A
Data Comm. Mod. 130B
PIM Module 130C
Other Modules 130N
110

Fig. 2

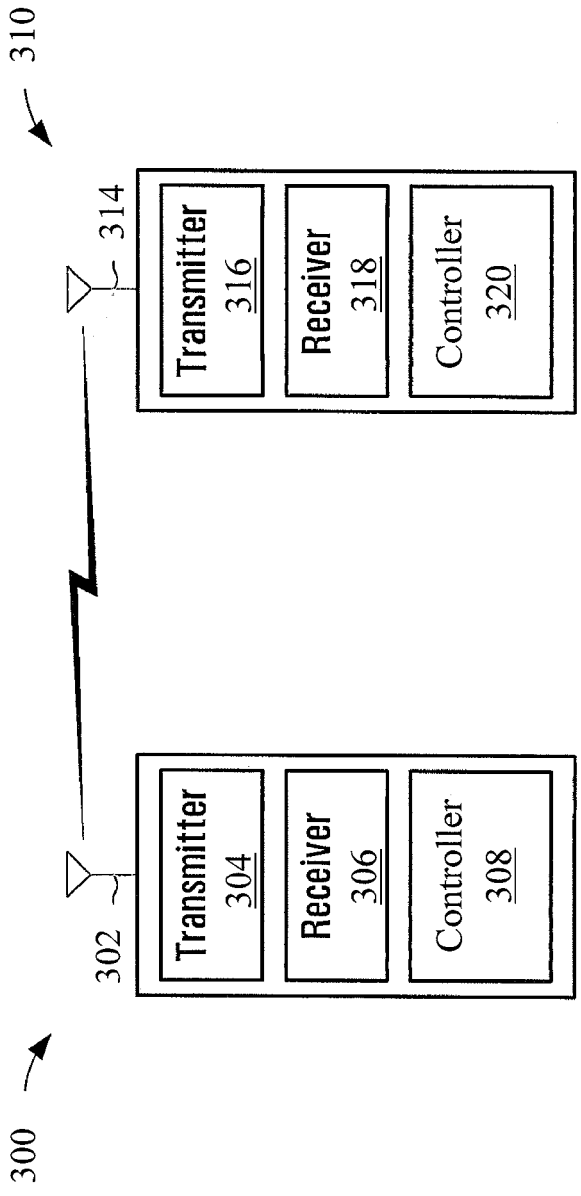

310
314
Transmitter 316
Receiver 318
Controller 320
302
Transmitter 304
Receiver 306
Controller 308
300

Fig. 3