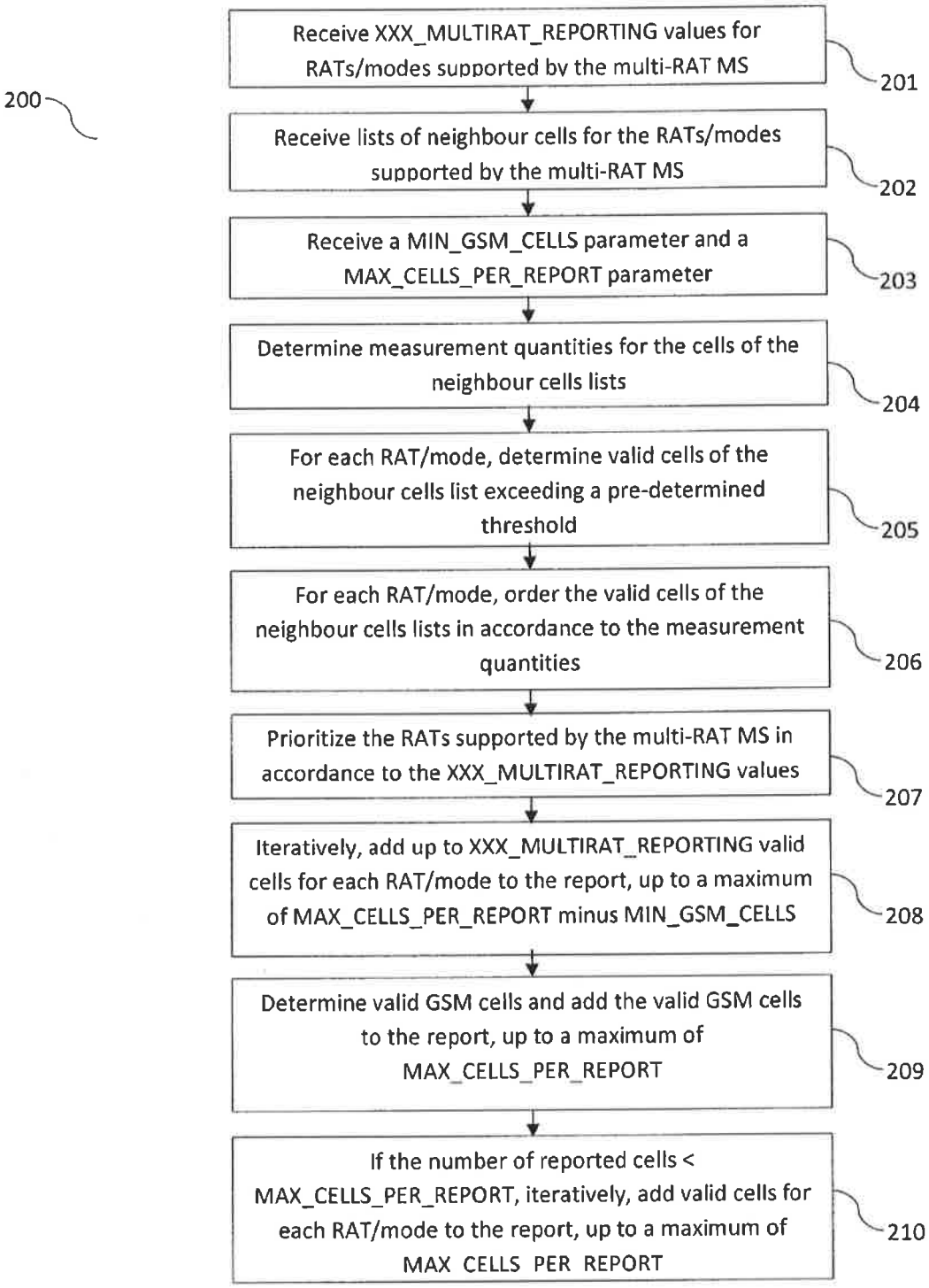

200
Receive XXX_MULTIRAT_REPORTING values for RATs/modes supported by the multi-RAT MS
201
Receive lists of neighbour cells for the RATs/modes supported by the multi-RAT MS
202
Receive a MIN_GSM_CELLS parameter and a MAX_CELLS_PER_REPORT parameter
203
Determine measurement quantities for the cells of 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

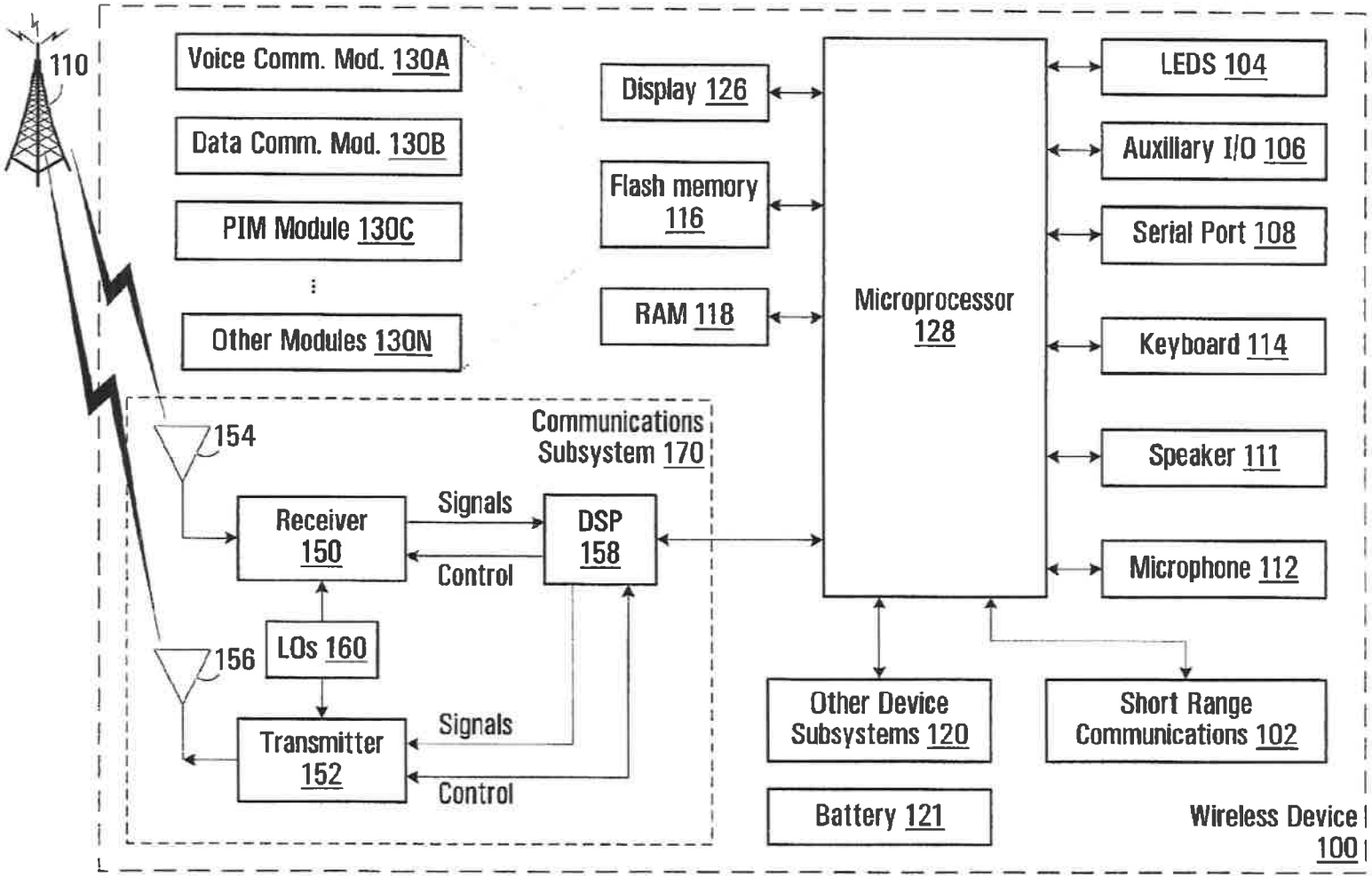

110
Voice Comm. Mod. 130A
Data Comm. Mod. 130B
PIM Module 130C
Other Modules 130N
Display 126
Flash memory 116
RAM 118
Microprocessor 128
LEDS 104
Auxiliary I/O 106
Serial Port 108
Keyboard 114
Speaker 111
Microphone 112
Communications Subsystem 170
154
Receiver 150
Signals
Control
DSP 158
LOs 160
156
Transmitter 152
Signals
Control
Other Device Subsystems 120
Short Range Communications 102
Battery 121
Wireless Device 100

Fig. 2

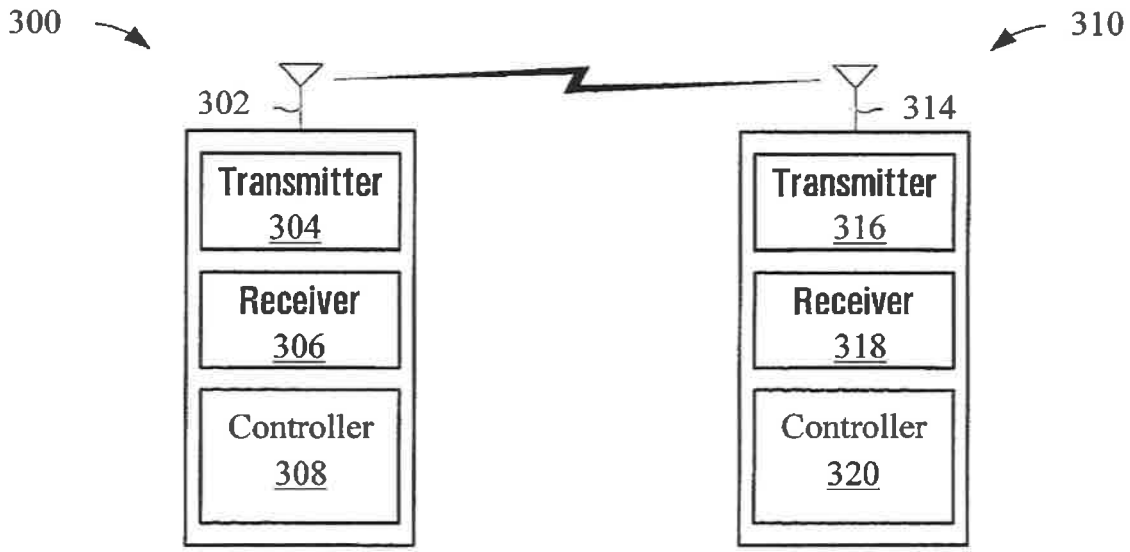

300
310
302
314
Transmitter
304
Receiver
306
Controller
308
Transmitter
316
Receiver
318
Controller
320

Fig. 3