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(54) Title: CLOSED LOOP POWER CONTROL IN A HETEROGENEOUS NETWORK BY SELECTING AMONG SETS OF ACCUMULATIVE POWER STEP VALUES

1010	1020a	1020b	1020n
Power control command value (2 bits)	First Set of power step values C [dB]	Second Set of power step values C [dB]	N'th Set of power step values C [dB]
0	-1	-3	Value 1
1	0	0	Value 2
2	1	5	Value 3
3	3	7	Value 4

FIGURE 10

(57) Abstract: A method is provided in a wireless device (700) for controlling output transmission power from the wireless device (700). A set is selected among a plurality of sets of power step values, which reside in a memory of the wireless device (700), responsive to criteria defined in the wireless device (700). A power control command is received from a radio network; node (102). One of the power step values of the selected set is selected responsive to the power control command. The output transmission power from the wireless device (700) is controlled responsive to the selected power step value. Related methods in radio network nodes and apparatuses are disclosed.