

ABSTRACT OF THE DISCLOSURE

DOWNLINK MIMO TRANSMISSION CONTROL METHOD AND
BASE STATION DEVICE

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A method of controlling downlink transmission from a base station having multiple antennas to a mobile station having multiple antennas includes the steps of applying open loop-type MIMO diversity to one or more
10 common control channels, an MBMS channel, and an L1/L2 control channel; and applying closed loop-type MIMO multiplexing and/or MIMO diversity to a shared data channel.

15 FIG. 8