

EXHIBIT 2

EXHIBIT 87

5.1.2.6 Maximum and minimum power limits

When E-DCH is not configured, in the case that the total UE transmit power (after applying DPCCCH power adjustments and gain factors) would exceed the maximum allowed value, the UE shall apply additional scaling to the total transmit power so that it is equal to the maximum allowed power. This additional scaling shall be such that the power ratio between DPCCCH and DPDCH and HS-DPCCH and HS-DPCCH remains as required by sub-clause 5.1.2.5 and 5.1.2.5A.

When E-DCH is configured, if the total UE transmit power (after applying DPCCCH power adjustments and gain factors) would exceed the maximum allowed value, the UE shall firstly reduce all the E-DPDCCH gain factors $\beta_{ed,k}$ by an equal scaling factor to respective values $\beta_{ed,k, reduced}$ so that the total transmit power would be equal to the maximum allowed power. After calculating the reduced E-DPDCCH gain factors, quantization according to table 1B.2 in [3] subclause 4.2.1.3 may be applied, where each $\beta_{ed,k, reduced}$ is quantized such that $\beta_{ed,k}/\beta_e$ is the largest quantised value for which the condition $\beta_{ed,k} \leq \beta_{ed,k, reduced}$ holds.

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- The total transmit power after applying any reduction scaling shall not exceed the configured minimum power per the total transmit power in the previously transmitted slot.
- The magnitude of any reduction in total transmit power between slots after applying any additional scaling shall not exceed the magnitude of the additional power reduction before the additional scaling.

In the case that the total UE transmit power in the previously transmitted slot is at or below the configured maximum power specified in [3] and the DPCCCH power adjustments and gain factors for the current slot would result in an increase in total power, then an additional scaling shall be used to ensure power control stability (see clause 5.1.2.5).

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