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(54) Title: METHOD AND SYSTEM FOR POWER CONTROL IN MULTIBAND MOBILE STATION

GSM 400, GSM 900, GSM 850 and GSM 700

Power control level	Nominal Output power (dBm)	Tolerance (dB) for conditions	
		Normal	extreme
0-2	39	±2	±2,5
3	37	±3	±4
4	35	±3	±4
5	33	±3	±4
6	31	±3	±4
7	29	±3	±4
8	27	±3	±4
9	25	±3	±4
10	23	±3	±4
11	21	±3	±4
12	19	±3	±4
13	17	±3	±4
14	15	±3	±4
15	13	±3	±4
16	11	±5	±6
17	9	±5	±6
18	7	±5	±6
19-31	5	±5	±6

Table 1

(57) Abstract: The invention relates to control of transmission power in cellular networks, specifically in cells having transmitters in several frequency bands. The invention allows the network to control the maximum transmission power of a mobile station in more than one frequency band. Parameters indicating maximum output power level of the mobile station in each frequency band are transmitted to the mobile station. The power levels in each frequency band are determined based on the received parameters and predetermined offsets that relate the powers between different frequency bands.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.