

TUNE UP PROCEDURE For GSM850/PCS1900

PCS1900 Output Power All channels are common. GSM850 Output Power All channels are common.

PCL	Target [dBm]	Spec. [dBm]	
	Burst Ave.	Burst Average	
	Typical	Min.	Max.
0	29.5	28.2	30.5
1	27.5	25.5	29.5
2	25.5	23.5	27.5
3	23.5	21.5	25.5
4	21.5	19.5	23.5
5	19.5	17.5	21.5
6	17.5	15.5	19.5
7	15.5	13.5	17.5
8	13.5	11.5	15.5
9	11.5	8.5	14.5
10	9.5	6.5	12.5
11	7.5	4.5	10.5
12	5.5	2.5	8.5
13	3.5	0.5	6.5
14	1.5	-2.5	5.5
15	0.0	-4.0	4.0

PCL	Target [dBm]	Spec. [dBm]	
	Burst Ave.	Burst Average	
	Typical	Min.	Max.
5	32.5	31.2	33.5
6	30.5	28.5	32.5
7	28.5	26.5	30.5
8	26.5	24.5	28.5
9	24.5	22.5	26.5
10	22.5	20.5	24.5
11	20.5	18.5	22.5
12	18.5	16.5	20.5
13	16.5	14.5	18.5
14	14.5	12.5	16.5
15	12.5	10.5	14.5
16	10.5	6.5	14.5
17	8.5	4.5	12.5
18	6.5	2.5	10.5
19	4.5	0.5	8.5

The Maximum Output Power in a multislot configuration
(GPRS MultiSlot Class = 12 ,
GMSK_MULTISLOT_POWER_PROFILE = 0)

The Number of Timeslots in uplink assignment	Max. Limit of Typ. Output Power [dBm] Burst Ave.	Spec. [dBm] Burst Ave. Max.
1	29.5	30.5
2	27.2	28.2
3	25.3	26.3
4	24.3	25.3

The Maximum Output Power in a multislot configuration
(GPRS MultiSlot Class = 12 ,
GMSK_MULTISLOT_POWER_PROFILE = 0)

The Number of Timeslots in uplink assignment	Max. Limit of Typ. Output Power [dBm] Burst Ave.	Spec. [dBm] Burst Ave. Max.
1	32.5	33.5
2	30.2	31.2
3	28.3	29.3
4	27.3	28.3

The difference between the transmitter output power at two adjacent power control levels, measured at the same channel, is not less than 0,5 dB and not be more than 3,5 dB.

If one or both of the adjacent output power levels are reduced according to GMSK_MULTISLOT_POWER_PROFILE 0 and the number of timeslots, the difference between the transmitter output power at two adjacent power control levels, measured at the same frequency, shall not be less than -1dB and not be more than 3.5 dB.