

Power Tune up Procedure

1. The CS299B-A is calibrated in 2 Radio bands.

For GSM850:

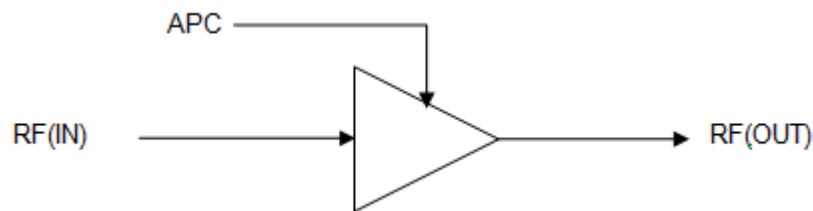
GSM: $33 \pm 1\text{dBm}$; GPRS: $31 \pm 1\text{dBm}$

For GSM1900:

GSM: $30 \pm 1\text{dBm}$; GPRS: $30 \pm 1\text{dBm}$

2. Calibration of module transmission power

Modules within a PA as below:



There is a transmission power table about PCLS and APC_DAC, by adjusting the voltage value of the APC, to change the transmission power.

Assume that the initial value to APC is 500, then detect the transmitted power is 34 dBm; you need to reduce the APC, to reduce the transmission power to achieve the predetermined value.