Power Tune up Procedure

1. The DS-19A16-01BNG is calibrated in 2 Radio bands.

   For GSM850:
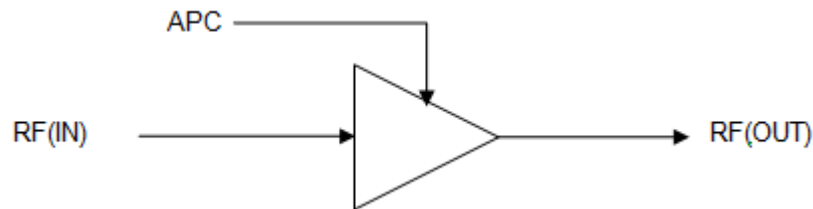
   1TXSlot & 2TXSlots: 32.5±1dBm; 3TXSlots & 4TXSlots: 28.0±1dBm

   For GSM1900:

   1TXSlot & 2TXSlots: 29.1±1dBm; 3TXSlots & 4TXSlots: 25.9±1dBm

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.