

nuRF System

Tune-up Procedure

Rev 1.0

By



nuRF2401AP

RF output power adjustment is not applicable for this device because nuRF2401AP is a pure receiver.

nuRF2401T-A & nuRF2401T-P

The RFIC CC2510 has a provision in its RF registry to configure the power level setting (PA_TABLE0 register). The setting that is used is 0xFF that will provide 1dBm +/-3dBm output power over frequency (2433~2480MHz) and temperature (-40°C ~+85°C).

The firmware is flashed into the RFIC. The parameters that are varied or calibrated are the tag ID, tag transmit interval and temperature. The RF output power setting is hard-coded in the firmware therefore there is no need to adjust the output power in the factory.