Tune Up Description

BASIC PARAMETERS

Frequency Bands:	GSM850/ PCS (850/1900MHz)
TX Power(Conducted Output Power):	32.20dBm (GSM850); 29.30dBm (DCS/PCS)
GPRS Class:	Class 12
Dimension:	L94*W44.9*H20（mm）
Weight:	95g (include battery)
Display:	Main display: 176x220 65K TFT 2.0” Sub display: Not supported
Keypad:	21 keys
Vibration alert:	supported
Languages:	English/French/Spanish
Input method:	Smart ABC/Smart abc/Smart ES/Smart es/Smart FR/Smart fr/Multitap ABC/Multitap abc/Multitap ES/Multitap es/Multitap FR/Multitap fr/Numeric
MP3 player:	supported
CIF Camera:	Supported 10W YUV pixels camera
WAP Browser(support WAP 2.0):	WAP 2.0
USB DISK:	Supported
Bluetooth	supported
FM Radio:	Supported

TALKING PARAMETERS

Talk time:	Up to 4 hrs (Estimation)
Standby time:	Up to 350 hrs (Estimation)
Phone Book Memory:	500
Call History:	Received Calls/Missed Calls/Dialed Calls

SHORT MESSAGE

SMS:	Supported
EMS:	Supported
MMS:	Supported

PERSONALISED SPEC.

Voice recording and Voice memo:	Supported
Pre-Set 64-tone polyphonic ringers:	64 tones polyphony
Themes Switch:	Unsupported
User Profiles:	Supported
Wall-papers	Supported
Screen savers:	Supported
Self-Edit Greeting text:	Supported

OTHER SPEC.

SIM Lock:	Supported
STK Application :	Supported
Application:	Supported Alarm clock, Organizer, Calculator, Unit converter, Stopwatch, Universal timer…
Pre-loaded game:	Supported
Barred SIM function:	Supported

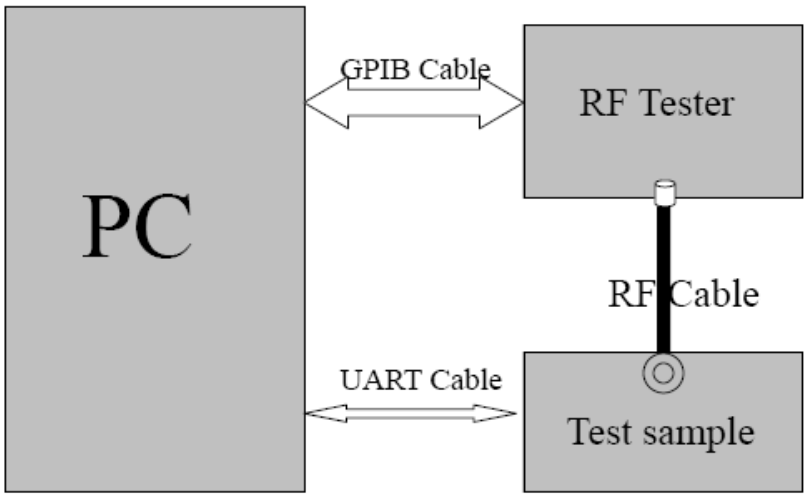

Figure 1

1 Adjustment of RF Output Power:

(1) The equipment setup as shown in Figure 1.

(2) Operation of PC adjusts equipment.

(3) Use RF Engineering Tools at PC side.

Select GSM850 Band:

1) Set GSM850 Band.
2) Set ARFCN: 190
3) TX ON.
4) Adjust the power to 32.4dBm (Power control level: PCL=5) by PA DAC value.
5) Repeat 4) for 15 times,and adjust the power level to 30.5, 28.8, 27, 25, 23, 21, 19, 17, 15, 13, 11, 9, 7, 5.
6) Make 16 Ramp-Up/Ramp-Down data from the adjustment value of (5) and (6).

7) Data of 5) and 6) is writen to flash memory.

Select PCS1900 Band:

1) Set PCS Band.

2) Set ARFCN: 661.

3) TX ON.

4) Adjust the power to 29.0 dBm (Power control level: PCL=0) by PA DAC value.

5) Repeat 4) for 15 times,and adjust the power level to 27.5, 26, 24, 22, 20, 18, 16, 14, 12, 10, 8, 6, 4, 2, 0.

6) Make 16 Ramp-Up/Ramp-Down data from the adjustment value of (5) and (6).

7) Data of 5) and 6) is writen to flash memory.