

NAM features can be programmed as follows:

Notes:

- If you enter the NAM program mode, each item shows the currently stored data. Go to the next item by pressing **OK**
- You can modify the data by entering a new data.
- If you enter a wrong digit, press **CLR** to delete the last digit. Press and hold **CLR** to delete all digits.
- To scroll items backwards or forwards, press the **VOLUME** button on the left side of the phone.

1. General Setup

LCD Display	Key in	Function
	MENU, 5, 0	-select NAM programming
Enter Lock ??????	222222	-Enter 222222 6-digit code(MSL)
Svc Menu 1:Phone#1 2:General 3.NAM1	2	-choose 'GENERAL'
ESN B0000000	Volumeiã	-Electronic Serial Number of the phone is displayed
CAI version 4	Volumeiã	-Common Air Interface version is displayed
VOC13K/EVRC SO_VOICE_08K	Volumeiã	-Vocoder Rate
SCM 01101010	Volumeiã	-Station Class Mark displays the power class, transmission, slotted class, dual mode.
Lock Code 0000	Volumeiã 4-digit code OK	Lock code, current ststus is displayed -to change, enter new code. -store it
Slot Mode Yes	Volumeiã ☎,* or #☎ OK	Slot mode. 'Yes' indicates the slot mode. -changes the status. -store it.
Slot Index 2	Volumeiã 0-7 OK	Slot mode index. The higher, the longer sleeping time -to change, enter new one. -store it.

Setting Up NAM1

LCD Display	Key in	Function
Svc Menu 1:Phone# 2:General 3.NAM1	3	-choose 'NAM1'
Setup NAM1 1:FM 2:CDMA	1	-choose '1:FM'
FM 1st Chh 333	Channel number OK	Current 1st paging channel. -to change, enter new one. -stores it.
FM Home SID 333	ID number OK	System ID for home,current status is displayed. -to change, enter new one. -stores it.
Auto Res Yes	☎,* or #☎° OK	AMPS Registration,current status is displayed. -change the status. 'YES' to enable, 'NO' to disable. 'HIDE' to hide
FM ACCOLC 0	class number OK	AMPS Access Overload Class,current status is displayed. -to change,enter new one. -stores it.
Svc Menu 1:Phone# 2:General 3.NAM1	3	-choose 'NAM1'
Setup NAM1 1:FM 2:CDMA	2	-choose '2:CDMA'
IMSI_MCC 310	number OK	IMSI Mobile Country Code,current code is displayed. -to change, enter new one. -stores it.
IMSI_MNC 00	number OK	IMSI Mobile Network Code,current code is displayed. -to change, enter new one. -stores it.
CDMA ACCOLC 0	class number OK	CDMA Access Overload Class,current status is displayed. -to change,enter new one. -stores it.
CDMA Home SID Yes	☎,* or #☎° OK	CDMA Home system ID,current status is displayed -changes the status. -stores it.

CDMA fSID	☎,* or #☎°	CDMA foreign SID,current status is displayed.
Yes	OK	-changes the status.
		-stores it.
HOME SID	number	SID written in the list,current status is displayed.
1700	OK	-to change,enter new one.
		-stores it.
NID		
1	number	NID written in the list,current status is displayed.
	OK	-to change,enter new one.
		-stores it.

Setting Up NAM2

LCD Display	Key in	Function
Svc Menu		
1:Phone#		
2:General		
3.NAM1	Volumejã	
Svc Menu		
4.NAM2	4	-choose 'NAM2'
Setup NAM2		
1:FM	1	-choose '1:FM'
2:CDMA		
FM 1st Chh		Current 1st paging channel.
333	Channel number	-to change, enter new one.
	OK	-stores it.
FM Home SID		System ID for home,current status is displayed.
333	ID number	-to change, enter new one.
	OK	-stores it.
Auto Res		AMPS Registration,current status is displayed.
Yes	☎,* or #☎°	-change the status.
	OK	'YES' to enable, 'NO' to disable. 'HIDE' to hide
FM ACCOLC		AMPS Access Overload Class,current status is
0	class number	displayed.
	OK	-to change,enter new one.
		-stores it.
Svc Menu		
1:Phone#		
2:General		
3.NAM1	Volumejã	

Svc Menu 4.NAM2	4	-choose 'NAM2'
Setup NAM2 1:FM 2:CDMA	2	-choose '2:CDMA'
IMSI_MCC displayed. 310	number OK	IMSI Moble Country Code,current code is -to change, enter new one. -stores it.
IMSI_MNC displayed. 00	number OK	IMSI Moble Network Code,current code is -to change, enter new one. -stores it.
CDMA ACCOLC 0	class number OK	CDMA Access Overload Class,current status is displayed. -to change,enter new one. -stores it.
CDMA Home SID displayed Yes	☎,* or #☎ OK	CDMA Home system ID,current status is -changes the status. -stores it.
CDMA fSID Yes	☎,* or #☎ OK	CDMA foreign SID,current status is displayed. -changes the status. -stores it.
HOME SID displayed. 1700	number OK	SID written in the list,current status is -to change,enter new one. -stores it.
NID 1 displayed.	number OK	NID written in the list,current status is -to change,enter new one. -stores it.

6. TEST COMMAND & TEST PROCEDURE LIST

Test Command Table

To change the phone from normal mode to test mode, you should enter the following keys :

Press [47*869#1235]

Command No (OP,AB,RB)	Command SW Name	Description
01(1F,0,0)	T_SUSPEND_I	Enter to test menu
02(3F,0,0)	T_RESTART_I	Escape from test menu
03(FD,0,0)	T_SAVE_VAL_I	Save values in e2prom only in auto test
04(1D,0,1)	T_GET_MODE_I	Get mode CDMA/FM
05(1C,1,0)	T_SET_MODE_I	Set mode CDMA/FM
06(1E,0,0)	T_WRITE_NV_I	Write the EEPROM item
07(81,0,0)	T_CARRIERON_I	Turn on the carrier
08(82,0,0)	T_CARRIEROFF_I	Turn off the carrier
09(83,4,0)	T_LOADSYN_I	Load the synthesizer for locking
10(84,1,0)	T_PWRLEVEL_I	Change RF powerlevel
11(85,0,0)	T_RXMUTE_I	Mute rx audio
12(86,0,0)	T_RXUNMUTE_I	Unmute rx audio
13(87,0,0)	T_TXMUTE_I	Mute tx audio
14(88,0,0)	T_TXUNMUTE_I	Unmute tx audio
16(8F,0,0)	T_STON_I	Transmit a continuous Signaling Tone(ST)
17(90,0,0)	T_STOFF_I	Stop transmit a continuous Signaling Tone(ST)
20(94,5,0)	T_TEST_SYS_I	Roam Test System
22(91,96,96)	T_SNDNAM_I ¹⁾	Display & Send NAM Information
23(95,3,4)	T_SNDVERSION_I ¹⁾	Display & Send Software Version
24(9F,7,8)	T_SNDESN_I ¹⁾	Disolay & return ESN
25(92,0,0)	T_BACKLIGHT_ON_I	Backlight on
26(93,0,0)	T_BACKLIGHT_OFF_I	Backlight off
27(96,0,0)	T_LAMP_ON_I	LAMP on
28(97,0,0)	T_LAMP_OFF_I	LAMP off
29(9A,0,0)	T_REBUILD_I	Rebuilding EEPROM
30(9D,15,0)	T_PLINE_I	Display and return production date
32(A0,1,0)	T_SATON_I ^{*2)}	Enable the transmission of SAT
33(A1,0,0)	T_SATOFF_I [*]	Disable the transmission of SAT
34(A2,0,0)	T_CDATA_I	Continuously send TX Control data
35(A3,3,0)	T_VOLUME_UP_I	Electric Volume Up
36(A4,3,0)	T_VOLUME_DOWN_I	Electric Volume Down
40(A7,3,0)	T_CDMA_RXADJ_I	Sets rx_agc_adj for cdma mode
42(AA,1,0)	T_DTMFON_I ²⁾	Turn on DTMF
43(AB,0,0)	T_DTMFOFF_I	Turn off DTMF
44(B0,0,0)	T_COMPANDORON_I	Turn on compandor
45(B1,0,0)	T_COMPANDOROF_I	Turn off compandor
46(B2,0,0)	T_FM_VCLINE_I [*]	Enter FM voice state

Command No (OP,AB,RB)	Command SW Name	Description
47(B3,3,0)	T_FM_AUD_GAIN_I	FM audio gain
48(B4,0,0)	T_VIBRATOR_ON_I	Activate a vibrator
49(B5,0,0)	T_VIBRATOR_OFF_I	Inactivate a vibrator
50(B6,0,4)	T_BATT_TYPE_I	Battery Type
51(B7,1,1)	T_BBA_I	BASIC supplier */
52(B9,0,8)	T_HW_VERSION_I	HW version */ //hmk_96.12.09*/
55(AC,1,0)	T_EXT_AUDIO_I	External Audio Path On/Off */
57(BC,0,0)	T_MIC_ON_I	Mute MIC Path */
58(BD,0,0)	T_MIC_OFF_I	Unmute MIC Path */
59(BE,0,0)	T_ALLPATH_I	Tune on the all audio path */
60(BF,3,0)	T_FM_TX_GAIN_I ⁽²⁾⁽³⁾	AMPS Tx Audio Gain Control
61(C0,3,0)	T_FM_RX_GAIN_I ⁽²⁾⁽³⁾	AMPS Rx Audio Gain Control
62(C1,3,0)	T_DTMF_VOL_TX_I ⁽²⁾⁽³⁾	AMPS Tx DTMF Gain Control
63(C2,3,0)	T_TX_LIMITER_I ⁽²⁾⁽³⁾	AMPS Tx Limiter Gain Control
64(C3,3,0)	T_FM_SAT_LEVEL_I ⁽²⁾⁽³⁾	AMPS Tx SAT level Control
65(C4,3,0)	T_FM_FREQ_SGAIN_I ⁽²⁾⁽³⁾	AMPS Tx Master Gain Control
66(C5,3,0)	T_FM_ST_GAIN_I ⁽²⁾⁽³⁾	AMPS Tx ST Gain Control
67(C6,0,6)	T_READ_BATT_I ⁽¹⁾	Saved Low battery value read
68(C8,0,3)	T_VBATT1_I ⁽³⁾	Set the low battey position in the standby
69(C9,0,3)	T_VBATT2_I ⁽³⁾	Set the low battey position in the talking
70(CA,3,0)	T_WRITE_BATT_I ⁽³⁾⁽³⁾	write a BATT
71(D1,3,0)	T_CDMA_TXADJ_I ⁽²⁾	Sets tx_agc_adj for cdma mode
72(D2,3,0)	T_FM_TXADJ_I ⁽²⁾	Sets tx_agc_adj for fm mode
73(D3,1,0)	T_SET_PA_R_I ⁽²⁾	Sets PA R1,R0 range bits
75(D5,0,3)	T_READ_RSSI_I ⁽³⁾	Read a RSSI
76(D6,3,0)	T_WRITE_RSSI_I ⁽³⁾	Write a RSSI
77(D7,0,3)	T_READ_TEMP_I	Read a TEMP
78(D8,0,3)	T_RXRAS_AUTO_I	Adj RXRAS from 8924C
79(D9,1,0)	T_BUZZER_ON_I ⁽²⁾	Buzzer on
80(DA,0,0)	T_BUZZER_OFF_I	Buzzer off
81(E3,0,0)	T_VOC_PCMLPON_I	Turn on to play a PCM LOOP BACK
82(E4,0,0)	T_VOC_PCMLPOFF_I	Turn off to play a PCM LOOP BACK
85(E7,0,0)	T_SPEAKER_ON_I	Turn on the speaker path
86(E8,0,0)	T_SPEAKER_OFF_I	Tturn off the speaker path
87(E9,0,0)	T_FM_LOOP_TEST_I	FM loop back
88(EA,3,0)	T_TRK_ADJ_I ⁽³⁾	TRK LOCAL ADJUST
89(EB,3,0)	T_CDTRK_ADJ_I	CDMA TRK LOCAL ADJUST
90(F0,2,0)	T_EVRC_TEST_I	EVRC check mode
92(D4,5,0)	T_TXRAS_ADJ_I	TX RAS TA
93(F3,4,0)	T_RXRAS_ADJ_I	RX RAS adj = RXRAS offset array
94(F4,4,0)	T_HW_CHANFLAT_I	HW flatness channel
95(F5,4,0)	T_SW_CHANFLAT_I	SW flatness channel
96(F6,4,0)	T_CH_FLATNESS_I	CDMA/PCS flatness channel

Command No (OP,AB,RB)	Command SW Name	Description
97(F2,4,0)	T_FM_TX_PWR_I ²⁾³⁾	Setting the volume for Power Level
98(F8,3,0)	T_PCS_CH_MAX_MIN_I	Edge Channel Max/Min Power Code
99(FC,4,0)	T_TEMP_I	Gain control
100(FF,0,0)	T_MAX_I	

- 1) The AB(Input Argument Byte Number) values of these commands are used only in the manual test.
In autotest mode, the AB is regarded as 0.
- 2) You can assign the value for these commands.
If the AB value is assigned without argument, the test is achieved with the value stored in EEPROM.
- 3) After you get a desired test value by performing these commands, if you want to save the value into the corresponding position.

*OP: Operation Command Number

AB: Input Argument Byte Number

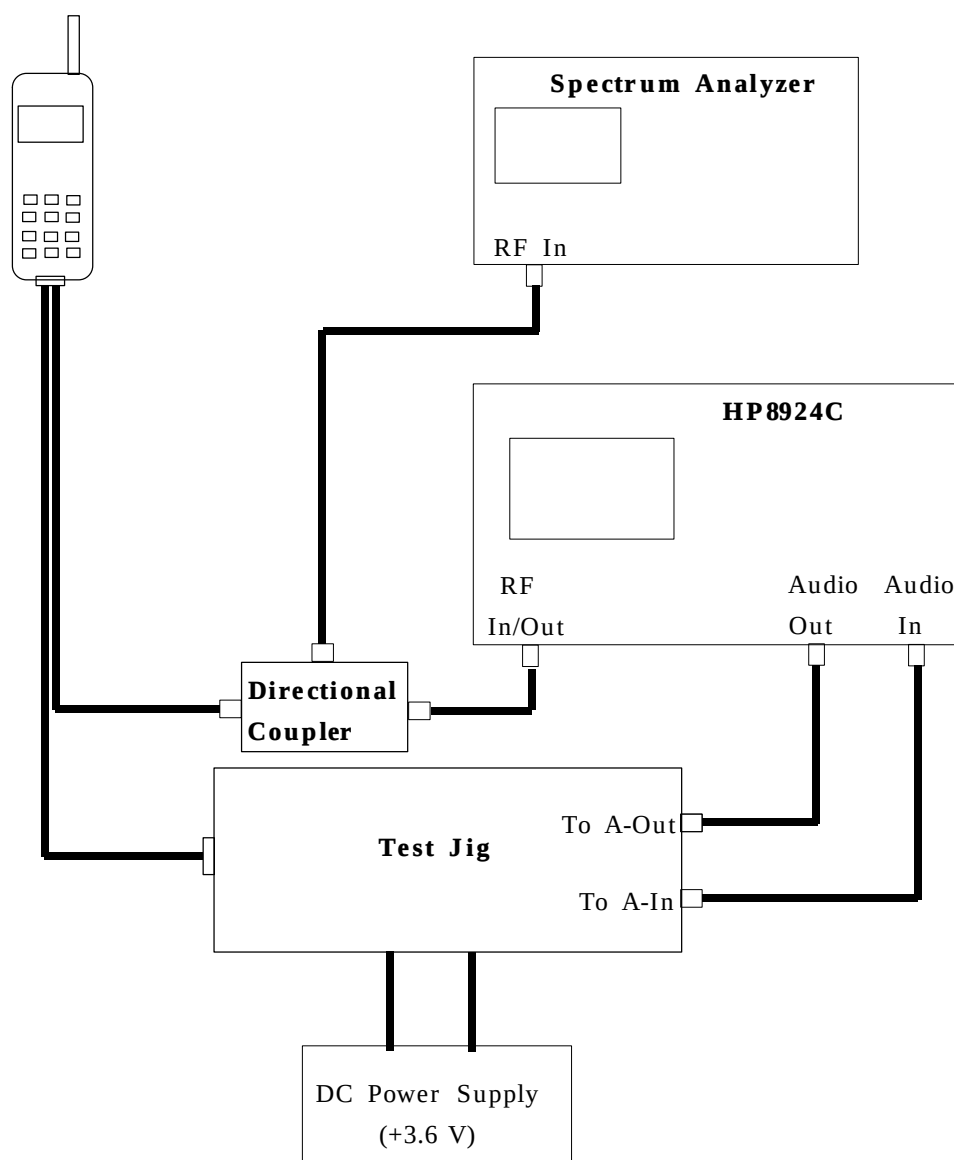
RB: Return Byte Number

*SAT32,33 are not operating in MSM@ CHIP test

*46 command is required in Rx, and Tx path test at AMPS mode

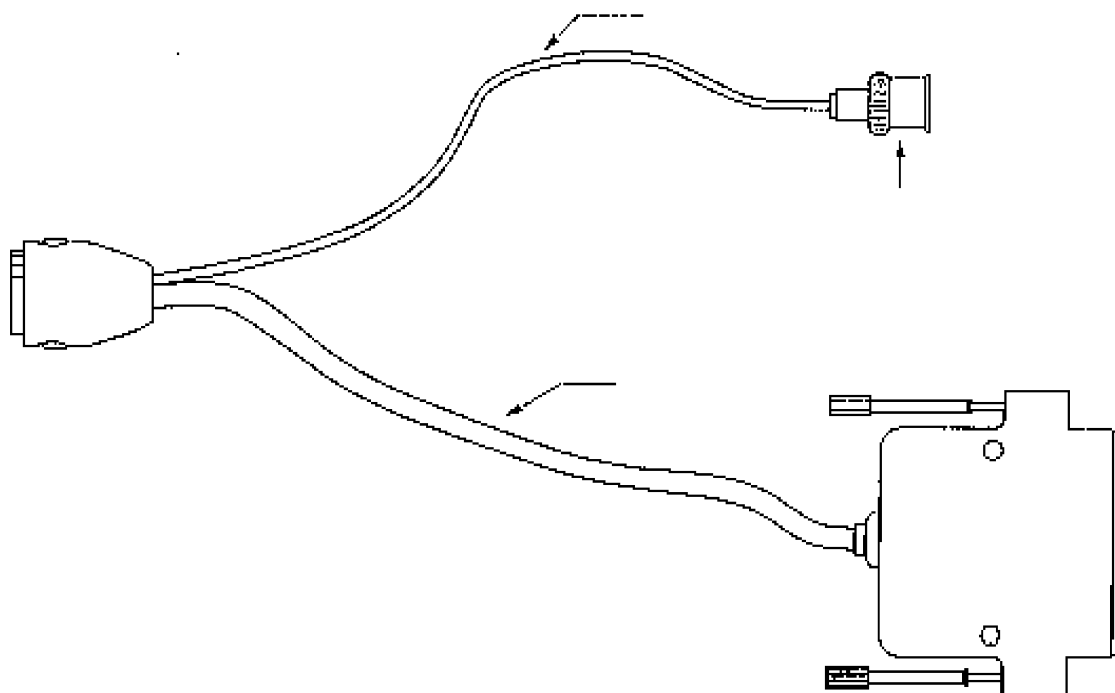
Configuration of Test

- DC Power Supply
- Test Jig
- Test Cable
- CDMA Mobile Station Test Set HP8924C, HP83236A, CMD-80, etc
- Spectrum Analyzer(include CDMA Test Mode) HP8596E



TEST CABLE DESCRIPTION FOR SCH - 2500

1.TEST CABLE



2. TEST CABLE CONNECTIONS

1	PLUG CONNECT TO SCH-2500
2	BNC CONNECTOR (RF)
3	Dsub 25PIN CONNECTOR (DATA)
4	RF CABLE
5	DATA CABLE

3. Dsub 25 PIN CONNECTOR PIN DESCRIPTION (TEST CABLE 1, BACK SIDE)

15 17 19 21 23 25
14;é16;é18;é20;é22;é24;é

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1 2 3 4 5 6 7 8 9 10 11 13

DATA DESCRIPTION	Dsub CONN. PIN NO.
Vcc	4, 5, 6
GND	13, 23, 24, 25
PW ON/OFF	7
TX AUDIO	10
TX DATA	22
RX AUDIO	12
RX DATA	21
RSSI	8

4. CONVERSION TABLE OF FREQUENCY vs CHANNEL

T Y P E	C H A N N E L	C O N V E R S I O N E Q U A T I O N	R E M A R K
TX FREQUENCY	1 i ÂNjÂ 799 990 i ÂNjÂ 1023	F=0.03 i ç N + 825.00 F=0.03 i ç (N-1023) + 825.00	N ; CH NUMBER F ; FREQUENCY (AMPS/CDMA)
RX FREQUENCY	1 i ÂNjÂ 799 990 i ÂNjÂ 1023	F=0.03 i ç N + 870.00 F=0.03 i ç (N-1023) + 870.00	
TX FREQUENCY	0 i ÂNjÂ 1199	F=0.05 i ç N + 1850.00	N ; CH NUMBER F ; FREQUENCY (PCS)
RX FREQUENCY	0 i ÂNjÂ 1199	F=0.05 i ç N + 1930.00	

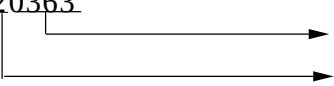
Change to Test Mode

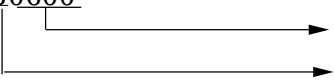
A. To change the phone's state from Normal Mode to Test Mode, You should enter the following keys.

"4 7 * 8 6 9 # 1 2 3 5"

B.The command "20" is mode and channel change , press "OK" to save.

"10000" or "10001" : AMPS's Sytem A and Sytem B

"20363"

 Channel number
 Mode:CDMA

"30600"

 Channel number
 Mode:PCS

C. The command "0 1" is Suspend.

D. To finish the Test Mode, You should enter the command "0 2".

Channel Selection and Tx Power Output Level Control**1.AMPS(FM)**

A. Enter to Test Mode (4 7 * 8 6 9 # 1 2 3 5).

B.The command "20" is mode and channel change

"10000" or "10001" : AMPS's Sytem A and Sytem B

C. To finish the Test Mode, You should enter the command "0 2".

D. "0 1" : Suspend.

E. "4 6" : Vocoder initial to Analog mode.

F. "0 9 0 3 6 3 #" : Set to '0363' channel.

G. "0 7" : Carrier On.

H. "9 7 * * * " : Output RF power level is set as power level 2

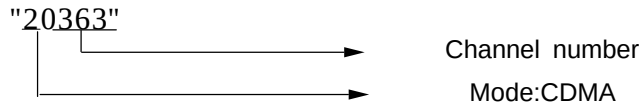
"* * *" means AGC level and AGC level range is from 0 to 511.

I. "1 0 2" : RF Power level control, 2(0~7) means power level .

2.CDMA

A. Enter to Test Mode (4 7 * 8 6 9 # 1 2 3 5).

B.The command "20" is mode and channel change , press "OK" to save.



C. To finish the Test Mode, You should enter the command "0 2".

D. "0 1" : Suspend.

E. "0 9 0 3 6 3 #" : Set to '0363' channel.

F. "0 7" : Carrier On.

G. "3 4" : Spread spectrum to 1.23MHz band width.

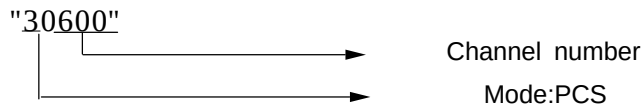
H. "9 2 * * * " : Output RF power level is set power level 2

"* * *" means AGC level and AGC level range is from 000 to 511.

3.PCS

A. Enter to Test Mode (4 7 * 8 6 9 # 1 2 3 5).

B.The command "20" is mode and channel change



C. To finish the Test Mode, You should enter the command "0 2".

D. "0 1" : Suspend.

E. "0 9 0 6 0 0 #" : Set to '0600' channel.

F. "0 7" : Carrier On.

G. "3 4" : Spread spectrum to 1.23MHz band width.

H. "9 2 * * * " : Output RF power level is set power level 2

"* * *" means AGC level and AGC level range is from 000 to 511.

1.AMPS(FM)

TEST ITEMS	PROCEDURE														
1. PREPARA-TION	Set test equipments up. Confirm that the phone is in the Analog Mode! ("10000" or "10001" at Test Command "2 0".) " 4 7 * 8 6 9 # 1 2 3 5 " : Enter the Test Mode "0 1" : Suspend "4 6" : Initialize Vocoder in Analog mode If a wrong key would be selected, press "#", and then enter new command. To exit the Test Mode at any time, just press [0 2].														
2. RF POWER	"0 1" : Suspend. "4 6" : Initialize Vocoder in Analog mode. "0 9 0 3 6 3 #" : Set channel to 363. "0 7" : Carrier On. ->"34"->"07" "1 0 2" : RF Power level selection, "2" means one of the power levels (0~7). Measurement of the Power Output Levels <table> <tr> <th>Level</th><th>RF Power</th></tr> <tr> <td>0 ~ 2</td><td>+ 27 dBm +2/-4 dB</td></tr> <tr> <td>3</td><td>+ 23 dBm +2/-4 dB</td></tr> <tr> <td>4</td><td>+ 19 dBm +2/-4 dB</td></tr> <tr> <td>5</td><td>+ 15 dBm +2/-4 dB</td></tr> <tr> <td>6</td><td>+ 12 dBm +2/-4 dB</td></tr> <tr> <td>7</td><td>+ 9 dBm +2/-4 dB</td></tr> </table> "0 8" : Carrier off Note 1 : In case of using the antenna cable, compensation for the cable loss should be added (about 1.5dB). Note 2 : To prevent phones from being damaged, they must be measured only by calibrated test equipments. Warning ! Adjustments without calibrated equipments can cause phones to be heated excessively and would void the warranty.	Level	RF Power	0 ~ 2	+ 27 dBm +2/-4 dB	3	+ 23 dBm +2/-4 dB	4	+ 19 dBm +2/-4 dB	5	+ 15 dBm +2/-4 dB	6	+ 12 dBm +2/-4 dB	7	+ 9 dBm +2/-4 dB
Level	RF Power														
0 ~ 2	+ 27 dBm +2/-4 dB														
3	+ 23 dBm +2/-4 dB														
4	+ 19 dBm +2/-4 dB														
5	+ 15 dBm +2/-4 dB														
6	+ 12 dBm +2/-4 dB														
7	+ 9 dBm +2/-4 dB														
3. TX FREQUENCY	"0 1" : Suspend. "4 6" : Initialize Vocoder in Analog mode. "0 9 0 3 6 3 #" : Set channel to 363. "0 7" : Carrier On. ->"34"->"07" Measure the TX frequency : 835.89 MHz$\pm$2.5ppm.														

TEST ITEMS	PROCEDURE
4. VOICE DEVIATION	"0 1" : Suspend. "4 6" : Initialize Vocoder in Analog mode. "0 9 0 3 6 3 #" : Set channel to 363. "0 7" : Carrier On. ->"34" ->"07" "1 4" : TX Audio unmute. Set the audio generator output to 1kHz, 3.0Vrms. Measure the Tx voice deviation by using the HPF of 20Hz and the LPF of 99kHz (spec : less than ± 12 kHz).
5. ST DEVIATION	"0 1" : Suspend. "4 6" : Initialize Vocoder in Analog mode. "0 9 0 3 6 3 #" : Set channel to 363. "0 7" : Carrier On. ->"34" ->"07" "1 6" : ST on. Measure the Tx ST deviation by using the HPF of 50Hz (spec : 8kHz $\pm 10\%$). "1 7" : ST off.
6. SAT DEVIATION	"0 1" : Suspend. "4 6" : Initialize Vocoder in Analog mode. "0 9 0 3 6 3 #" : Set channel to 363. "0 7" : Carrier On. ->"34" ->"07" "3 2" : SAT on. Set the equipment as following. RF frequency : 880.89MHz Input RF level : -80dBm Modulation frequency : 6kHz Frequency deviation : 2kHz Measure the Tx SAT deviation by using the HPF of 50Hz and the LPF of 6kHz (spec : 2kHz $\pm 10\%$). "3 3" : SAT off.

TEST ITEMS	PROCEDURE
7. WBD DEVIATION	"0 1" : Suspend. "4 6" : Initialize Vocoder in Analog mode. "0 9 0 3 6 3 #" : Set channel to 363. "0 7" : Carrier On. ->"34" ->"07" "3 4" : WBD on. Measure the WBD deviation by using the HPF of 50Hz and the LPF of 20kHz (spec : 8kHz $\pm$ 10%).
8. RX AUDIO	"0 1" : Suspend. "4 6" : Initialize Vocoder in Analog mode. "0 9 0 3 6 3 #" : Set channel to 363. "0 7" : Carrier On. ->"34" ->"07" "1 2" : RX Audio unmute. Set the equipment as following. RF frequency : 880.89MHz Input RF level : -80dBm Modulation frequency : 1kHz Frequency deviation : $\pm$ 8kHz Measure audio AC level.

2.CDMA

TEST ITEMS	PROCEDURE
1. PREPARANCE	Set test equipments up. Confirm that the phone is in the CDMA Mode. ("2XXXX" at Test Command "0 2") "* 4 7 * 8 6 9 # 1 2 3 5 " : Enter the Test Mode "0 1" : Suspend If you select a wrong key, press "#", then enter new command. To exit the Test Mode at any time, just press [0 2].
2. FREQUENCY ACCURACY	"0 1" : Suspend. "0 9 0 3 6 3 #" : Set channel to 363. "0 7" : Carrier On. ->"34"->"07" "9 2" :You can read the number.(the code) and the push the #^o "7 1 2 6 0 #" : Set AGC level to the numer of reading(about 188). Measure the TX frequency : 835.89MHz$\pm$300Hz.
3. OCCUPIED CDMA BANDWIDTH	"0 1" : Suspend. "0 9 0 3 6 3 #" : Set channel to 363. "0 7" : Carrier On. ->"34" ->"07" "3 4" : Spread spectrum. "9 2" :You can read the number.(the code) and the push the #^o "7 1 2 6 0 #" : Set AGC level to the numer of reading(about 188). Measure the bandwidth (spec: 1.32MHz).
4. LIMITATIONS ON EMISSIONS	"0 1" : Suspend. "0 9 0 3 6 3 #" : Set channel to 363. "0 7" : Carrier On. ->"34" ->"07" "3 4" : Spread spectrum. "9 2" :You can read the number.(the code) and the push the #^o "7 1 2 6 0 #" : Set AGC level to the numer of reading(about 188). Measure the spurious at F_{ci}900kHz, F_{ci}1.98MHz, $2F_c$, $3F_c$, $1/2F_c$. spec: F_{ci}900kHz below 42dBc/30kHz F_{ci}1.98MHz below 54dBc/30kHz Outside Receive Band $43+10\log(PY)$ PY: Mean Output Power in watts
5. GATED POWER & TIME	Set the service option 2. Set the data rate Eighth (1200bps). Registering: HHP ∇ HP8924C. Call : HP8924C ∇ HHP. Measure the Gated Power & Time. spec : Gated Power - at least 20dB Gated Time - Rising Time : below 6μs Falling Time : below 6μs Burst Time : below 1.25μs

3.PCS

TEST ITEMS	PROCEDURE
1. PREPARANCE	Set test equipments up. Confirm that the phone is in the PCS Mode. ("3XXXX" at Test Command "0 2") "* 4 7 * 8 6 9 # 1 2 3 5 " : Enter the Test Mode "0 1" : Suspend If you select a wrong key, press "#", then enter new command. To exit the Test Mode at any time, just press [0 2].
2. FREQUENCY ACCURACY	"0 1" : Suspend. "0 9 0 6 0 0 #" : Set channel to 600. "0 7" : Carrier On. ->"34" ->"07" "9 2" :You can read the number.(the code) and the push the #⁰ "7 1 2 6 0 #" : Set AGC level to the numer of reading(about 155). Measure the TX frequency : 835.89MHz$\pm$300Hz.
3. OCCUPIED CDMA BANDWIDTH	"0 1" : Suspend. "0 9 0 6 0 0 #" : Set channel to 600. "0 7" : Carrier On. ->"34" ->"07" "3 4" : Spread spectrum. "9 2" :You can read the number.(the code) and the push the #⁰ "7 1 2 6 0 #" : Set AGC level to the numer of reading(about 155). Measure the bandwidth (spec: 1.32MHz).
4. LIMITATIONS ON EMISSIONS	"0 1" : Suspend. "0 9 0 6 0 0 #" : Set channel to 600. "0 7" : Carrier On. ->"34" ->"07" "3 4" : Spread spectrum. "9 2" :You can read the number.(the code) and the push the #⁰ "7 1 2 6 0 #" : Set AGC level to the numer of reading(about 155). Measure the spurious at F_{ci}900kHz, F_{ci}1.98MHz, $2F_c$, $3F_c$, $1/2F_c$. spec: F_{ci}900kHz below 42dBc/30kHz F_{ci}1.98MHz below 54dBc/30kHz Outside Receive Band $43+10\log(PY)$ PY: Mean Output Power in watts
5. GATED POWER & TIME	Set the service option 2. Set the data rate Eighth (1200bps). Registering: HHP ;æ HP8924C. Call : HP8924C ;æ> HHP. Measure the Gated Power & Time. spec: Gated Power - at least 20dB Gated Time - Rising Time : below 68Å Falling Time : below 68Å Burst Time : below 1.258Å