

NAM Programming

NAM features can be programmed as follows:

Notes:

- If you enter the NAM program mode, each item shows the currently OKred 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.

4-1 General Setup

LCD Display	Key in	Function
	47*869#08#9	-selects NAM programming
NAM program 1:General 2:Setup NAM1 3:Setup NAM2	1	-choose 'GENERAL'
ESN E9031F77	Volume å	-Electronic Serial Number of the phone is displayed
CAI version 3	Volume å	-Common Air Interface version is displayed
VOC13K/8K SO_VOICE_08K	Volume å	-Vocoder Rate
SCM 01101010	Volume å	-Station Class Mark displays the power class, transmission, slotted class, dual mode.
Lock Code 0000	4-digit code OK	Lock code, current status is displayed -to change, enter new code. -store it
Slot Mode Yes	☐, or ☐° OK	Slot mode. 'Yes' indicates the slot mode. -changes the status. -store it.
Slot Index 2	0-7 OK	Slot mode index. The higher, the longer sleeping time -to change, enter new one. -store it.
Pref NAM(1~4)... Digital pref	☐, or ☐° OK	Preferred system selection for NAM(1~4). Up to four NAMs are allowed for the phone. This lists one of the four NAMs and allows you to program both the FM and CDMA settings.

4-2 Setting Up NAM1

LCD Display	Key in	Function
NAM Program 1:General 2:Setup NAM1 3:Setup NAM2	2	-Choose 'Setup NAM1.'
Setup NAM1 1:Phone # 2:FM 3:CDMA	1	-Choose 'Phone #'
Phone # 1234567890	Phone number OK	-directory number -to change, enter new one. -store it.
Mobile ID # 1234567890	Phone number OK	-Phone number currently used. -to change, enter new one. -store it.
Setup NAM1 1:Phone # 2:FM 3:CDMA	2	-Choose 'Phone #'
FM HOME SID 4369	ID number OK	System ID for home, current status is displayed. -to change, enter new one. -store it.
FM 1st Chn 333	Channel number OK	Current 1st paging channel. -to change, enter new one. -store it.
FM Acq SID1 4	ID number OK	Acquisition system ID 1, current status is displayed. -to change, enter new one. -store it.
FM Acq SID2 0	ID number OK	Acquisition system ID2, current status is displayed. -to change, enter new one. -store it.
FM LockSID 1 0	ID number OK	Lock system ID 1, current status is displayed. -to change, enter new one. -store it.

LCD Display	Key in	Function
Auto Reg		FM Registration, current status is displayed. -changes the status. 'YES' to enable, 'NO' to disable. -store it.
Yes	↵,or↵° OK	
FM preq...		Preferred system selection, current status is displayed. -changes the system. 'YES' to enable, 'NO' to disable. -store it.
A only	↵,or↵° OK	
FM ACCOLC		Current Access Overload Class. -changes the system. -store it.
0	↵,or↵° OK	
Setup NAM1 1:Phone # 2:FM 3:CDMA	3	-choose 'CDMA'
IMSI_MCC		IMSI Mobile Country Code, current code is displayed. -to change, enter new one. -store it.
000	number OK	
IMSI_MNC		IMSI Mobile Network Code, current code is displayed. -to change, enter new one. -store it.
00	number OK	
CDMA pref.. A only	↵,or↵° OK	Preferred system selection, current system is displayed. -changes the system. -store it.
CDMA ACCOLC		CDMA Access Overload Class, current status is displayed. -to change, enter new one. -store it.
0	class number OK	
Pchn Sys A		Preferred channel currently used under system A -to change, enter new one. -store it.
779	channel number OK	
Pchn Sys B		Preferred channel currently used under system B -to change, enter new one. -store it.
779	channel number OK	
Schn Sys A		Second channel currently used under system A -to change, enter new one. -store it.
738	channel number OK	

LCD Display	Key in	Function
Schn Sys B 738	channel number OK	Second channel currently used under system B -to change, enter new one. -store it.
CD Acq SID 1 0	ID number OK	1st Acquisition system ID, current status is displayed. -to change, enter new one. -store it.
CD lockSID 1 0	ID number OK	1st lock system ID,current status is displayed. -to change, enter new one. -store it.
CDMA Home SID Yes	↵ ,or ↵ OK	CDMA Home system ID, current status is displayed -changes the status. -store it.
CDMA fSID Yes	↵ ,or ↵ OK	CDMA foreign SID, current status is displayed. -changes the system. -store it.
CDMA fNID Yes	↵ ,or ↵ OK	CDMA foreign NID, current status is displayed. -changes the system. -store it.
SID #1 2222	number OK	first SID written in the list, current status is displayed. -to change, enter new one. -store it.
NID #1 1	number OK	first NID written in the list, current status is displayed. -to change, enter new one. -store it.
SID #2 2222	number OK	2nd SID written in the list, current status is displayed. -to change, enter new one. -store it.
NID #2 2	number OK	2nd NID written in the list, current status is displayed. -to change, enter new one. -store it.
SID #3 2222	number OK	3rd SID written in the list, current status is displayed. -to change, enter new one. -store it.
NID #3 3	number OK	3rd SID written in the list, current status is displayed. -to change, enter new one. -store it.
SID #4 2222	number OK	4th SID written in the list, current status is displayed. -to change, enter new one. -store it.

LCD Display	Key in	Function
NID #4 15	number OK	4th NID written in the list, current status is displayed. -to change, enter new one. -store it.
Setup NAM1 1:Phone # 2:FM 3:CDMA		LCD returns to the NAM1 setup mode.

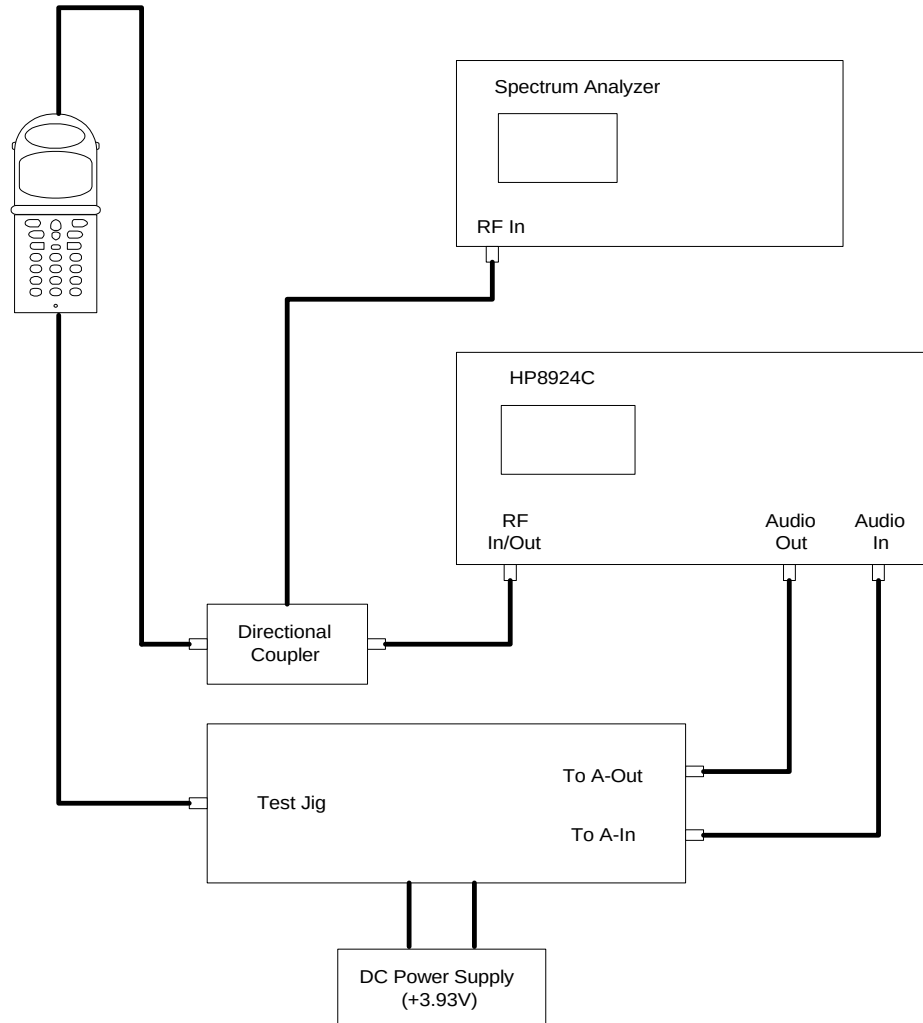
6. Test Procedure

Test Command List

List of Equipment

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

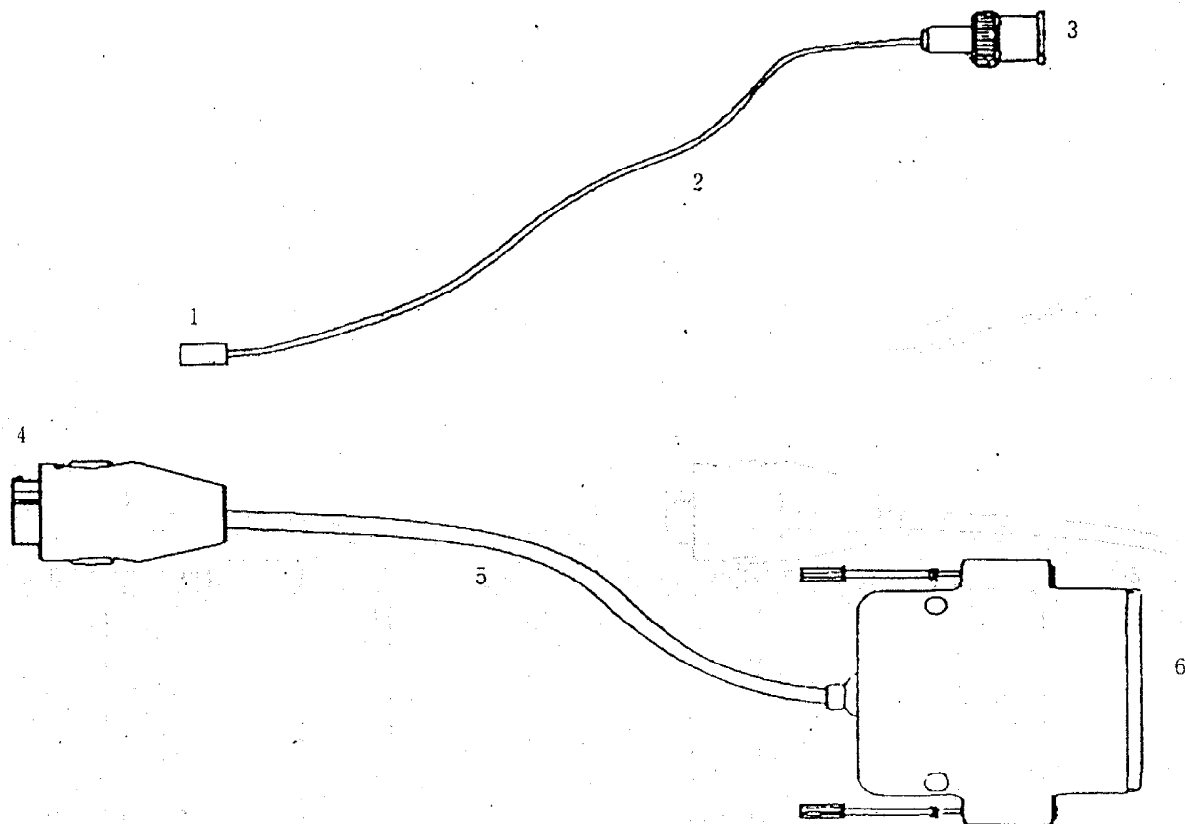
Configuration of Test



⚠ CAUTION : Because there is the loss (0.33V at FM Max Power) of the test jig and Data cable, you'd better input 3.93V to the DC Power Supply to use 3.6V (Battery normal voltage) at Cellular phone

TEST CABLE DESCRIPTION FOR SCH-811

1. TEST CABLE



2. TEST CABLE CONNECTIONS

1	MHC 172
2	RF CABLE (1.4 dB Loss)
3	BNC CONNECTOR (RF)
4	PLUG CONNECT TO SCH-811
5	DATA CABLE
6	Dsub 25PIN CONNECTOR (DATA)

Change to Test Mode

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

" * 7 5 9 # 8 1 3 5 8 0 "

B. The command "0 1" is Suspend.

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

*** Note :** Make sure to change to "Digital only" or "Analog only" mode in NAM1, EST MODE. (Refer to 4. NAM Programming)

Channel Selection and Tx Power Output Level Control

1. Digital Mode (CDMA)

A. Enter to Test Mode (* 7 5 9 # 8 1 3 5 8 0).

B. "0 1" : Suspend.

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

D. "0 7" : Carrier On.

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

F. "7 1 2 7 5 #" : Output RF power level setting.

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

2. Analog Mode (FM)

- A. Enter to Test Mode (* 7 5 9 # 8 1 3 5 8 0).
- B. "0 1" : Suspend.
- C. "4 6" : Vocoder initial to Analog mode.
- D. "0 9 0 3 8 3 #" : Set to '0383' channel.
- E. "0 7" : Carrier On.
- F. "7 2 2 7 5 #" : Output RF power level setting.
"275" means AGC level and AGC level range is from 0 to 511.
- G. "1 0 2" : RF Power level control, 2(0~7) means power level .

Analog Mode(FM)

TEST ITEM	PROCEDURE														
1. PREPARE	Setup the test equipment. Make sure to check the "Analog Only" in NAM 1 "* 7 5 9 # 8 1 3 5 8 0" : Enter to Test Mode "0 1" : Suspend "4 6" : Vocoder initial to Analog mode If you press a wrong key, press "#", then enter new command. To exit the Test Mode at any time : press [0 2].														
2. RF POWER	"0 1" : Suspend. "4 6" : Vocoder initial to Analog mode. "0 9 0 3 8 3 #" : Set to '0383' channel. "0 7" : Carrier On. "1 0 2" : RF Power level control, 2(0~7) means power level. Measure the Power Output <table> <tr> <th><u>Level</u></th><th><u>RF Power</u></th></tr> <tr> <td>0 ~ 2</td><td>+ 28 dBm +2/ -4 dB</td></tr> <tr> <td>3</td><td>+ 24 dBm +2/ -4 dB</td></tr> <tr> <td>4</td><td>+ 20 dBm +2/ -4 dB</td></tr> <tr> <td>5</td><td>+ 16 dBm +2/ -4 dB</td></tr> <tr> <td>6</td><td>+ 12 dBm +2/ -4 dB</td></tr> <tr> <td>7</td><td>+ 8 dBm +2/ -4 dB</td></tr> </table> "0 8" : Carrier off. Note 1 : In case of using the antenna cable, you must compensate for the cable loss (bout 1.4dB). Note 2 : To prevent from damaging the hhp, you must measure by calibrated test equipment. Warning ! Adjustments without calibrated equipment can lead to excessive heat and will void the warranty.	<u>Level</u>	<u>RF Power</u>	0 ~ 2	+ 28 dBm +2/ -4 dB	3	+ 24 dBm +2/ -4 dB	4	+ 20 dBm +2/ -4 dB	5	+ 16 dBm +2/ -4 dB	6	+ 12 dBm +2/ -4 dB	7	+ 8 dBm +2/ -4 dB
<u>Level</u>	<u>RF Power</u>														
0 ~ 2	+ 28 dBm +2/ -4 dB														
3	+ 24 dBm +2/ -4 dB														
4	+ 20 dBm +2/ -4 dB														
5	+ 16 dBm +2/ -4 dB														
6	+ 12 dBm +2/ -4 dB														
7	+ 8 dBm +2/ -4 dB														
3. TX FREQUENCY	"0 1" : Suspend. "4 6" : Vocoder initial to Analog mode. "0 9 0 3 8 3 #" : Set to '0383' channel. "0 7" : Carrier On. Measure the TX frequency : 836.49 MHz ;$\pm$2.5ppm.														

TEST ITEM	PROCEDURE
4.VOICE DEVIATION	"0 1" : Suspend. "4 6" : Vocoder initial to Analog mode. "0 9 0 3 8 3 #" : Set to '0383' channel. "0 7" : Carrier On. "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 : ± 12KHz less).
5. ST DEVIATION	"0 1" : Suspend. "4 6" : Vocoder initial to Analog mode. "0 9 0 3 8 3 #" : Set to '0383' channel. "0 7" : Carrier On. "1 6" : ST on. Measure the TX ST deviation by using the HPF of 50Hz (spec : ± 8 kHz 10%). "1 7" : ST off.
6. SAT DEVIATION	"0 1" : Suspend. "4 6" : Vocoder initial to Analog mode. "0 9 0 3 8 3 #" : Set to '0383' channel. "0 7" : Carrier On. "3 2" : SAT On Set the equipment as below. RF frequency : 881.49 MHz (Measuring Channel) Input Rf level : - 80 dBm Modulation frequency : 6 KHz Frequency deviation : 2 KHz . Measure the Tx SAT deviation by using the HPF of 50Hz and the LPF of 6kHz (spec : 2kHz ± 10%)
7. WBD DEVIATION	"0 1" : Suspend. "4 6" : Vocoder initial to Analog mode. "0 9 0 3 8 3 #" : Set to '0383' channel. "0 7" : Carrier On. "3 4" : WBD On. Measure the WBD deviation by using the HPF of 50Hz and the LPF of 20kHz. (spec : 8kHz ± 10%).

TEST ITEM		PROCEDURE
Spectrum Noise Suppression (Broadband)	8. SAT +ST	"0 1" : Suspend. "4 6" : Vocoder initial to Analog mode. "0 9 0 3 8 3 #" : Set to '0383' channel. "0 7" : Carrier On. "3 2" : SAT On "1 6" : ST on Set the equipment as below. * SPEC RF frequency : 881.49 MHz 20~45KHz : 26dB Input Rf level : - 80 dBm 45~60KHz : 45dB Modulation frequency : 6 KHz 60~90KHz : 65dB Frequency deviation : 2 KHz 90~2f0 : 63+10logPY dB Measure the restraint of sideband energy produced at discrete frequency seperations from the carrier.
	6.VOICE +SAT	"0 1" : Suspend. "4 6" : Vocoder initial to Analog mode. "0 9 0 3 8 3 #" : Set to '0383' channel. "0 7" : Carrier On. "3 2" : SAT On "1 4" : TX Audio unmute. "4 5" : Compressor Off Set the equipment as below. * SPEC RF frequency : 881.49 MHz 20~45KHz : 26dB Input Rf level : - 80 dBm 45KHz~2f0 : 63+10logPY dB Modulation frequency : 6 KHz Frequency deviation : 2 KHz Set the audio generator output to 1KHz, 3.0Vrms. Measure the restraint of sideband energy produced at discrete frequency seperations from the carrier.
10. RX AUDIO		"0 1" : Suspend. "4 6" : Vocoder initial to Analog mode. "0 9 0 3 8 3 #" : Set to '0383' channel. "0 7" : Carrier On. "1 2" : Rx Audio Unmute. Set the equipment as below. RF frequency : 881.49 MHz Input Rf level : - 80 dBm Modulation frequency : 1 KHz Frequency deviation : $\frac{1}{8}$ KHz Measure Audio AC level.

Digital Mode(CDMA)

TEST ITEM	PROCEDURE
1. PREPARE	Setup the test equipment. Make sure to check the "Digital Only" in NAM 1 "* 7 5 9 # 8 1 3 5 8 0 " : Enter to Test Mode "0 1" : Suspend If you press a wrong key, press "#", then enter new command. To exit the Test Mode at any time : press [0 2].
2. FREQUENCY ACCURACY	"0 1" : Suspend. "0 9 0 <u>3</u> <u>6</u> <u>3</u> #" : Set to '0363' channel. "0 7" : Carrier On. "7 1 <u>2</u> <u>7</u> <u>5</u> #" : Set AGC level 275. Measure the TX frequency : 835.89 MHz $\pm$ 300Hz.
3. OCCUPIED CDMA BAND WIDTH	"0 1" : Suspend. "0 9 0 <u>3</u> <u>6</u> <u>3</u> #" : Set to '0363' channel. "0 7" : Carrier On. "3 4" : Spread spectrum. "7 1 <u>2</u> <u>7</u> <u>5</u> #" : Set AGC level 275. Measure the band width (spec: 1.32MHz).
4. LIMITATIONS ON EMISSIONS	"0 1" : Suspend. "0 9 0 <u>3</u> <u>6</u> <u>3</u> #" : Set to '0363' channel. "0 7" : Carrier On. "3 4" : Spread spectrum. "7 1 <u>2</u> <u>7</u> <u>5</u> #" : Set AGC level 275. Measure the spurious at FC $\pm$ 900KHz, FC $\pm$ 1.98MHz, 2FC, 3FC, 1/2FC. spec: FC $\pm$ 900KHz below 42dBc/30KHz FC $\pm$ 1.98MHz below 54dBc/30KHz Outside Receive Band 43+10log (PY) PY: Mean Output Power in watts
5. GATED POWER & TIME	Set the service option: 2. Set the Sector A power: -75dBm. 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 6us Falling Time: below 6us Burst Time: below 1.25ms

SCH811 TEST COMMAND TABLE

Command No. (OP,AB,RB)	Signal. Name	Description
01(1F,0,0)	T_SUSPEND_I	Terminate the normal mode, enter to the test mode.
02(3F,0,0)	T_RESTART_I	Terminate the test mode, enter to the normal mode.
03(FD,0,0)	T_SAVE_VAL_I	Save value in EEPROM. (Only for Auto test).
04(1D,0,1)	T_GET_MODE_I	Get mode CDMA or FM (Only for Auto test).
05(1C,1,0)	T_SET_MODE_I	Set mode CDMA or FM. (Only for Auto test).
06(1E,0,0)	T_WRITE_NV_I	Write an EEPROM item (one of the NV items)
07(81,0,0)	T_CARRIERON_I	Turn the carrier on.
08(82,0,0)	T_CARRIEROFF_I	Turn the carrier off
09(83,4,0)	T_LOADSYN_I ²⁾	Set the synthesizer to the channel specified by ch_data.
10(84,1,0)	T_PWRLEVEL_I ³⁾	Set the RF power level.
11(85,0,0)	T_RXMUTE_I	Mute the receive-audio signal.
12(86,0,0)	T_RXUNMUTE_I	Unmute the receive-audio signal.
13(87,0,0)	T_TXMUTE_I	Mute the transmit-audio signal.
14(88,0,0)	T_TXUNMUTE_I	Unmute the transmit-audio signal.
15(89,1,0)	T_VOC_ESEC_I	Echo canceller ON/OFF
16(8F,0,0)	T_ST_ON_I	Transmit a continuous Signaling Tone(ST).
17(90,0,0)	T_ST_OFF_I	Stop transmit a continuous Signaling Tone.
19(93,0,0)	T_INDEX_DECR_I	Index dn Key.
20(9E,3,0)	T_LNA_GAIN_WR_I	Write LNA gain.
22(91,96,96)	T_SNDNAM_I ¹⁾	Display and send NAM information.
23(95,3,4)	T_SNDVERSION_I ¹⁾	Display and return s/w version .
24(9F,7,8)	T_SNDESN_I ¹⁾	Display and return ESN .
25(92,0,0)	T_BACKLIGHT_ON_I	Turn on the backlight
26(93,0,0)	T_BACKLIGHT_OFF_I	Turn off the backlight
27(96,0,0)	T_LAMP_ON_I	Turn on the LAMP
28(97,0,0)	T_LAMP_OFF_I	Turn off the LAMP
29(9A,5,0)	T_REBUILD_I	Rebuild EEPROM
30(9D,16,0)	T_PLINE_I	Display and return production line information.
32(A0,1,0)	T_SAT_ON_I* ²⁾	Enable the transmission of SAT.
33(A1,0,0)	T_SAT_OFF_I*	Disable the transmission of SAT.
34(A2,0,0)	T_CDATA_I	Transmit continuous 5-word Reverse CTL CH message.
35(A3,3,0)	T_VOLUME_UP_I	Increase value of the last command (Only for autotest)
36(A4,3,0)	T_VOLUME_DOWN_I	Decrease value of the last command (Only for autotest)
38(A6,3,0)	T_VOC_ENC_OFFSET_I	Vocoder ENC offset.
39(A7,3,0)	T_VOC_DEC_OFFSET_I	Vocoder DEC offset.

Command No. (OP,AB,RB)	Signal. Name	Description
40(A8,4,0)	T_VOC_CDMA_UNITY _GAIN_I	Vocoder CDMA unity gain.
41(A9,0,0)	T_VOC_FM_HFRX _UPGAIN_I	Vocoder FM hfrx upgain.
42(AA,1,0)	T_DTMFON_I ²⁾	Activate dtmf generator with keycode.
43(AB,0,0)	T_DTMFOFF_I	Deactivate DTMF generator.
44(B0,0,0)	T_COMPANDORON_I	Enable the compressor and expander.
45(B1,0,0)	T_COMPANDOROF_I	Disable the compressor and expander.
46(B2,0,0)	T_FM_VCLINE_I*	Enter Analog voice channel state.
47(B3,0,0)	T_FM_AUD_GAIN_I	FM audio gain.
48(B4,0,0)	T_VIBRATOR_ON_I	Active A Vibrator.
49(B5,0,0)	T_VIBRATOR_OFF_I	Inactive A Vibrator.
50(B6,0,4)	T_BATT_TYPE_I	Batt type.
51(B7,1,1)	T_BBA_I	BBA supplier.
52(B9,2,2)	T_HW_VERSION_I	HW version.
53(BA,3,0)	T_CARRIER_I	Target Carrier option (Banner).
54(BB,1,0)	T_VOC13K_I	Target Service option (8K/13K).
55(AC,1,0)	T_EXT_AUDIO_I	External Audio Path ON/OFF.
56(AD,0,0)	T_LOOP_BACK_I	Loopback ON.
57(BC,0,0)	T_MIC_ON_I	Mic path on.
58(BD,0,0)	T_MIC_OFF_I	Mic path off.
59(BE,0,0)	T_ALLPATH_I	Set Rx Path, TX Path Unmute to Earpiece.
60(BF,3,0)	T_FM_TX_GAIN_I ²⁾³⁾	FM Tx Audio Gain Control.
61(C0,3,0)	T_FM_RX_GAIN_I ²⁾³⁾	FM Rx Audio Gain Control.
62(C1,3,0)	T_DTMF_VOL_TX_I ²⁾³⁾	FM Tx DTMF Gain control.
63(C2,3,0)	T_TX_LIMITER_I ³⁾	FM Tx Limiter Gain Control.
64(C3,3,0)	T_FM_SAT_LEVEL_I ²⁾³⁾	FM Tx SAT level Control.
65(C4,3,0)	T_FM_FREQ_SGAIN_I ²⁾³⁾	FM Tx Master Gain Control.
66(C5,3,0)	T_FM_ST_GAIN_I ²⁾³⁾	FM TX ST Gain Control.
67(C6,3,6)	T_READ_BATT_I ¹⁾	Reads low batt. Value in Standby or Talk mode.
68(C8,0,3)	T_VBATT1_I ³⁾	Set the low battery position in the standby.
69(C9,0,3)	T_VBATT2_I ³⁾	Set the low battery position in the talking.
70(CA,3,0)	T_WRITE_BATT_I ³⁾	Write low battery Level Value to NVM.
71(D1,3,0)	T_CDMA_TXADJ_I ²⁾	Change pdm TX AGC in CDMA.
72(D2,3,0)	T_FM_TXADJ_I ²⁾	Change pdm TX AGC in FM.
73(D3,1,0)	T_SET_PA_R0_I ²⁾	Set TX power Amp ctrl R0.
74(D4,4,0)	T_OFF_PA_R0_I	Off TX power Amp ctrl R0.
75(D5,0,3)	T_READ_RSSI_I ³⁾	Read a RSSI.
77(D7,0,3)	T_READ_TEMP_I	Read Temp.
78(D8,0,3)	T_RXRAS_AUTO_I	Adjust RXRAS from 8924C.
79(D9,1,0)	T_BUZZER_ON_I ²⁾	Buzzer On at DTMF 0 key
80(DA,0,0)	T_BUZZER_OFF_I	Buzzer off

Command No. (OP,AB,RB)	Signal. Name	Description
81(E3,0,0)	T_VOC_PCMLPON_I	Play a PCM LOOP BACK.
82(E4,0,0)	T_VOC_PCMLPOFF_I	Play off 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	Turn off the speaker path.
87(E9,0,0)	T_FM_LOOP_TEST_I	Play a PCM FM loopback.
88(EA,0,0)	T_TRK_ADJ_I ³⁾	FM TRK_LO_ADJ control.
89(EB,0,0)	T_CD_TRK_ADJ_I ³⁾	CDMA TRK_LO_ADJ control.
92(F2,3,0)	T_TXRAS_ADJ_I	TXRAS adj = TX RAS offset array.
93(F3,3,0)	T_RXRAS_ADJ_I	RXRAS adj = RX RAS offset array.
94(F4,4,0)	T_HW_CHANFLAT_T	H/W Channel Flatness.
95(F5,4,0)	T_SW_CHANFLAT_T	S/W Channel Flatness.
96(F6,3,0)	T_CH_FLATNESS_I	Set 22dBm Channel Deviation 10 POINT.
97(F7,3,0)	T_FM_TX_PWR_I	Set FM PWR LEVEL 2~7

- 1) ==> The AB (Input Argument Byte Number) values of these commands are used only in the manual test. In automatic test 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 in EEPROM, use T-SAVE-VAL-I command to store the test value into the corresponding position.

* OP : Operation Command Number
AB : Input Argument Byte Number
RB : Return Byte Number