
4. NAM Programming

4-1 NAM programming

Programming of all NAM parameters. NAM 1 Phone Number, Home SID, Service Sec. Code, MCC, SVC Option, Slot Cycle Index,etc.

- 1) Press "MENU+7+2+*" -> Enter SPC Code "000000" -> Use Right navigation key to select items for programming.
- 2) You can select other items when "Basic NAM 1 programming is complete." is displayed.
Use Left navigation key if you want to program more items.
Press OK key or Right navigation key to save and proceed to next item.
-> Additional programming is not required for NAM programming.
- 3) To toggle between settings, use the Up/Down navigation key.
(e.g. Home SID/NID pairs or selecting between Yes/No),
 - A. To change Home SID/NID pairs, select SID/NID pair number from 01 to 20 by pressing Up navigation key -> Press Left navigation key to change setting -> Press OK key to save setting.
 - B. For changing Forn SID/NID Registration, Home Sys. Registration,etc. press Up/Down navigation key to toggle between Yes or No. Press OK key to save setting.
- 4) Press End Key to save & exit NAM programming.

4-2 Field Debug Screen and Test Calls

- 1) Press "MENU+7+*" -> Enter "000000"

1 : Debug Screen

2 : Test Calls

Markov New 8K, Markov New 13K, Loopback 8K, Loopback 13K, Simple TDSO, Full TDSO

- 2) Repeat above 1) and press 1 to exit Debug screen

4-3 A-Key

- 1) Press "MENU+7+2+*" -> Enter SPC Code "000000" -> Press Left navigation key and you will see "Press [AKEY] to continue" -> Press Left navigation key again -> Enter the 20-digit AKEY. -> Press OK Key to save value.

4-4 Channel Preset mode

- 1) Press “ 4, 7, *, 6, 8, #, 1, 3, 5, 8, 0 ” in idle mode -> press 21.
for PRL based or Standard system selection : 00000
for 800MHz CDMA : 2XXXX (XXXX is CDMA Channel number)
for 1.9GHz CDMA : 3XXXX (XXXX is PCS Channel number)
- 2) Press OK key to save mode/channel value.
- 3) When “ Saved ” displays shortly, press 02 to exit test mode programming.

4-5 MRU Table Review and Reset

You can review channel information from MRU table up to 12 channels and reset entire MRU table as follows:

- 1) Press “ 4, 7, *, 6, 8, #, 1, 3, 5, 8, 0 ” in idle mode -> press 31 (MRU2 TABLE).

‘MRU00: yzxxxx ’

where,

‘y ’ must be 2,

‘z ’ is Band Class (0; 800MHz, 1; 1.9GHz),

‘xxxx ’ is Channel number

‘MRU00. to .MRU11., total 12 MRU entries are available.

Ex) for CDMA 800MHz Channel 384 in 4th MRU entry order:

‘MRU03: 200384. will be displayed.

Ex) for PCS 1.9GHz Channel 150 in 7th MRU entry order:

‘MRU06: 210150. will be displayed.

- 2) Press Up/Down navigation key to select MRU entry number from 00 to 11.

- 3) To reset entire MRU table (00 to 11), enter "000000" at each MRU entry followed by OK key or . key.
- 4) When "Saved" is displayed shortly, press 02 to exit test mode programming.

4-6 Changing DM / HANDSFREE mode

Press "MENU+7+*" -> Enter "000000" -> Press "5" Port Map Scroll menu using navigation key.

DS&HF : Handsfree mode

DM&DL : Qualcomm DM mode

4-7 Markov Test Calls

- 1) Make a call to a desired phone number in normal idle mode to create an outgoing call list.
- 2) Press "MENU+7+*" -> Enter "000000" -> Press "2"
Make a Markov Call by selecting "Markov 13k".
Handset will originate a Markov call to the first entry in outgoing call list.
If outgoing call list is empty(no outgoing call made), handset will make a Markov call to default number of '1234567'.

4-8 8K/13K Mobile Originated SMS

- 1) Set Vocoder Rate(EVRC, 13K) via NAM Programming.
Press 'MENU+7+*' -> Enter '000000' -> Press "4" Voice SO.
Choose desired vocoder rate among , 'EVRC Call', "13k Call" and 'Default'.
Press OK key to save and press END key to exit.

- 2) In idle mode, press OK key and you will see
“1: New Message”, “2: Voice”, “3: Inbox”, “4: Outbox”,etc.
- 3) Select “1: New Message” for Mobile Originated SMS.
Enter Destination mobile number or E-mail address. You can select input option using OK key.
Press MENU key to proceed to next item.
Enter text message then press MENU key.

4-9 Auto Answer

- 1) Press MENU+7+6+4 ” for Auto Answer.
- 2) Toggle using the navigation keys among Off, after 5 sec, after 3 sec, and after 1 sec.
- 3) Press OK key save setting.
The mobile will automatically answer incoming call after the preset secs.
(Useful feature for automatic equipment testing)

4-10 Force Mode Setting

- 1) Press “ MENU+7+* “ for force mode -> Enter “ 000000 ” -> Press “ 7 ” .
Select among Normal, IS95-2G and CDMA-3G using navigation keys.

IS95-2G :

The mobile will identify the MOB_P_REV as 4 (Registration MSG, Origination MSG, Page Response MSG, etc.).

For Mobile Originated EVRC Calls : MS will use RC2 for FOR_RC_PREF and REV_RC_PREF.

It is assumed that the Network will assign 2G channel using Channel Assignment MSG where RC is not defined.

For Mobile Originated 13K Calls : MS will use RC1 for FOR_RC_PREF and REV_RC_PREF.

It is assumed that the Network will assign 2G channel using Channel Assignment MSG in the 2G mode, the MS will acquire an AMPS system just as a normal 2G Trimode phone when IS95A/B system is not available.

CDMA-3G :

The mobile will identify the MOB_P_REV as 6 (Registration MSG, Origination MSG, Page Response MSG, etc.).

For Mobile Originated EVRC Calls : MS will use RC3 for FOR_RC_PREF and REV_RC_PREF.

For Mobile Originated 13K Calls : MS will use RC5 for FOR_RC_PREF and RC4 for REV_RC_PREF since the MS registers as MOB_P_REV 6.

2) Press OK key to save setting.