

S E R V I C E N O T E

SUPERSEDES: None

8922M GSM MS Test Set

Serial Numbers: 0000A00000 / 9999Z99999

Flash firmware download will overwrite cyphering (#H05) ROM.

Duplicate Service Notes:

- 8922M-06
- 8922P-03
- 8922X-03

To Be Performed By: Agilent-Qualified Personnel

Situation:

A flash firmware upgrade of the instrument will overwrite the contents of the #H05 ROM erasing the contents permanently.

#H05 is a licenced encryption facility for GSM and is not a common option in 8922 (Currently under 50 units world wide). It is not on CPL.

This option consists of one ROM, GSM Controller board U17.
 #H05 Encryption ROM for firmware B.07.07 or below is 08922-87249 (8922H/M).
 #H05 Encryption ROM for firmware B.07.08 or above is 8922M 08922-87391,
 #H05 Encryption ROM for firmware C.01.04 or above is 8922P/X
 (ie 8922M#010) 08922-87392.

Continued

DATE: January 1999

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
INFORMATION ONLY		
AUTHOR:	ENTITY:	ADDITIONAL INFORMATION:
AS	E600	Warning also visible on firmware web page

To date (Sept 98) the #H05 option has NOT been identified on the instrument - this option will be identified on new instruments and retro-fit labels are being distributed to current instruments which will include the serial number of the instrument to which the licence applies.

How to check if #H05 is fitted :

- a) On MS INFO screen, select CYPHERING. If options are OFF and DISABLED, #H05 is not fitted. If ENABLED is also an option, then #H05 is fitted.
- b) On GSM Controller board, if U17 is one of above ROMs, then #H05 is fitted.

Solution / Action:

Having identified that #H05 is fitted, there are 3 scenarios to consider :

- 1) Upgrading from below B.07.07 to B.07.07.
The #H05 ROM 08922-87249 needs removed from the instrument and a 'dummy' ROM inserted for the duration of the upgrade.
'Dummy' ROM part no is 1818-5035.
Remove 'dummy' and replace with #H05 ROM after upgrade is complete.
- 2) Upgrading from B.07.08/C.01.04 to later versions
The #H05 ROM 08922-87391 or 08922-87392 needs removed from the instrument and a 'dummy' ROM inserted for the duration of the upgrade.
'Dummy' ROM part no is 1818-5035.
Remove 'dummy' and replace with #H05 ROM after upgrade is complete. (ROM part numbers also advised at firmware web page)
- 3) Upgrading from B.07.07 or below to B.07.08/C.01.04 or above.
This is the transition which will require ROM upgrading. Please contact Linda Keir, QMD Specials Engineering, with the instrument serial number.
The original #H05 ROM will need to be returned to QMD after completion of the upgrade to comply with the licence conditions.