

N9938A-03

Information Only

Internal Only Document

Service Note

Supersedes:
NONE

N9938A – 26.5 GHz FieldFox Microwave Spectrum Analyzer

Serial Numbers: MY00000001-MY56069999, US00000001-US56069999, SG00000001-SG56069999

Problem – This Service Note describes the upgrade procedure for the Fieldfox’s processor and system boards.

Parts Required:
Refer to Table 1.

ADMINISTRATIVE INFORMATION

Calibration Required

PRODUCT LINE: PLWN

AUTHOR: KS

ADDITIONAL INFORMATION:

Affects: N9912A, N9923A, N9913A/14A/15A/16A/17A/18A, N9925A/26A/27A/28A, and N9935A/36A/37A/38A

Situation:

This Service Note kit upgrades the FieldFox system board by changing the following:

- change CPU Board 532 MHz-Processor 128 MB-SDRAM
- change system board
- change LCD bracket
- change address labels
- change gel pads (U1 and U6)
- change nameplate.

Table 1 Contents of Upgrade Kit N9910-60104 for the N9910HU-400

Description	Qty	Part Number
Assembly, system board Pre Tested by production	1	N9927-60212
LCD Bracket	1	N9927-60029
LCD Overlay Shims	2	N9950-80010
LCD Overlay Shims	2	N9950-80011
Thermal Gap Pad (U1 Chip)	1	N9912-20051
Thermal Gap Pad (U12Chip)	1	N9912-20052
Pre Programed CPU Board	1	N9927-60100
Shield Assy - Sys Bd	1	N9927-20071
Test Port Connector Assembly - 3.5 mm (m) to 3.5 mm (f)	2	08671-60028
Nut Bold	6	N9950-20047
Nut Ring	2	N9950-40009
Nameplate, N9918A, 26.5 GHz	1	N9927-80034
Nameplate, N9928A, 26.5 GHz	1	N9927-80028
Nameplate, N9938A, 26.5 GHz	1	N9927-80038
Kit, re-assembly	1	N9927-60130

Solution/Action:

When performing the Fieldfox upgrades please refer to Installation document at:

<http://sharedoc.collaboration.is.keysight.com/sites/CTD-SR/SD/Explorer/Caravel/N9938A-03.pdf>

Revision History:

Date	Service Note Revision	Author	Reason for Change
12Apr2016	01	Keith Stengl	As Published