

N9937A-03

# Information Only

## Internal Only Document

### Service Note

Supersedes:  
NONE

#### N9937A – 18 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 N9910-60103 for the N9910HU-300**

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
Nameplate, N9935A, 9 GHz	1	N9927-80035
Nameplate, N9936A, 14 GHz	1	N9927-80036
Nameplate, N9937A, 18 GHz	1	N9927-80037
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/N9937A-03.pdf>

**Revision History:**

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