

N9917A-04

# Information Only

## Internal Only Document

### Service Note

Supersedes:  
NONE

#### N9917A – 14 GHz FieldFox Microwave 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.

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#### ADMINISTRATIVE INFORMATION

Calibration Required

PRODUCT LINE: PLWN

AUTHOR: KS

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#### ADDITIONAL INFORMATION:

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

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**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 N9910-60101 for the N9910HU-100**

| 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, N9913A, 4 GHz                        | 1   | N9927-80039 |
| Nameplate, N9914A, 6.5 GHz                      | 1   | N9927-80040 |
| Nameplate, N9915A, 9 GHz                        | 1   | N9927-80031 |
| Nameplate, N9916A, 14 GHz                       | 1   | N9927-80032 |
| Nameplate, N9917A, 18 GHz                       | 1   | N9927-80033 |
| 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/N9917A-04.pdf>

**Revision History:**

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