N1914A-05

S E R V I C E   N O T E

N1914A EPM Series Dual-Channel Power Meter

Serial Numbers: ALL

Upgrade of 2 Rear USB Ports for standard N1914A

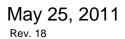**Parts Required:**

P/N	Description:	Qty.
N1913-67909	REAR USB OPTIONS – DUAL	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:	
MODIFICATION AVAILABLE	
ACTION CATEGORY:: AGREEABLE TIME	[X] PERFORMANCE ENHANCEMENT [[]] SERVICE / RELIABILITY ENHANCEMENT
LOCATION CATEGORY: [[]] CUSTOMER INSTALLABLE [[]] ON-SITE [X] SERVICE CENTER [[]] CHANNEL PARTNERS	AVAILABILITY: PRODUCT SUPPORT LIFE
AUTHOR: LCW	PRODUCT LINE: WC
ADDITIONAL INFORMATION:	

May 25, 2011

Agilent Technologies

Situation:

The standard N1914A is not equipped with USB ports currently. To enable our customers to use their existing standard N1914A with our USB power sensors for more efficient power measurement, we will offer the upgrade of the 2 rear USB ports to those existing standard N1914A at customers' own cost.

Solution/Action:

1. The upgrade installation of 2 rear USB ports to the standard N1914A is applicable base on customer request only. The customers need to send their existing N1914A to the nearest Agilent Service Center (SSU) for upgrade installation.

2. Upon receive the request from customers, Agilent Service Center has to order the USB ports option with part number N1913-67909 from SPO in order to proceed for the upgrade installation. SSU will quote the customers accordingly.

3. The N1913-67909 will consist of the following parts:
    a.   N1913-68302 - USB ASSEMBLY – DUAL
    b.   N1914-34303 - REAR USB LABEL C
    c.   N1914-34304 - REAR USB LABEL D
    d.   0515-0374 - SCREW-MACHINE WITH CREST-CUP-CON-WASHER PAN-HD TORX-T10 M3X0.5 10MM-LG SST-300 PASSIVATED

Figure 1: N1913-68302 - USB ASSEMBLY – DUAL

4. Installation procedures as below:
    a. Kindly refer to the Disassembly Instructions in Service Guide (Manual Part Number – N1913-90009) of N1914A on how to remove the clamshell of N1914A.
    b. Install N1913-68302 at the inside of the rear panel of N1914A
    c. Tighten N1913-68302 with 2pcs of 0515-0374 screw. Torque with T10 @ 6inlbs.
    d. Install another end of N1913-68302 USB into J112 on Motherboard.
    e. Paste label N1914-34303 (C) and N1914-34304 (D) on the location as shown below.

Figure 2: Connection of USB Ports to rear panel

Figure 3: Install another end of N1913-68302 USB into J112 on Motherboard.

     f. Refer to the Reassembly Instructions in Service Guide (Manual Part Number – N1913-90009) of N1914A on how to install the clamshell of N1914A.

     g. Please contact BID Technical Customer Support Engineer at bid_support@agilent.com for the request of the USB license file.

     h. Follow the instructions written in the USB license file to install the license to the N1914A.

     i. Perform the full verification test to ensure the unit is fully working after the upgrade installation

5. The estimated installation time with verification done is approximately 2.0 hours.