N1912A-01

S E R V I C E   N O T E

Supersedes:
none

Agilent N1912A P-Series Peak Power Meter (Dual Channel)

P-Series Power Meter Firmware Upgrade Utility

To Be Performed By: Agilent-Qualified Personnel or Customer

Firmware Revision	Firmware Upgrade Utility	Qty
P-Series Power Meter Firmware version A.03.01	P Series Firmware Upgrade Utility	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

MODIFICATION RECOMMENDED

ACTION CATEGORY:	[[]] IMMEDIATELY [[]] ON SPECIFIED FAILURE X AGREEABLE TIME	STANDARDS: LABOR: 0.5 Hours		
LOCATION CATEGORY:	X CUSTOMER INSTALLABLE [[]] ON-SITE X SERVICE CENTER	SERVICE INVENTORY: [[]] RETURN [[]] SCRAP [[]] SEE TEXT		USED PARTS: [[]] RETURN [[]] SCRAP [[]] SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: 1st April 2009 for All Warranty Units.		
AUTHOR: Alvin Khoo	PRODUCT LINE: WC			
ADDITIONAL INFORMATION:				

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Situation:

P Series Firmware Upgrade Utility, as shown in Figure 1, is used to upgrade P-Series power meter firmware version A.03.01 and above. If P Series Firmware Upgrade Utility is used to run any older version of firmware package, which downgrades P-Series power meter firmware version A.03.01 to any older versions, error will occur with a pop-up Error dialog box as shown in Figure 2.

Solution/Action:

To downgrade P-Series firmware version A.03.01 to an older version, the N191x_Firmware_Upgrade.txt file that resides in the folder of the older firmware version must be renamed to Firmware_Upgrade.txt.
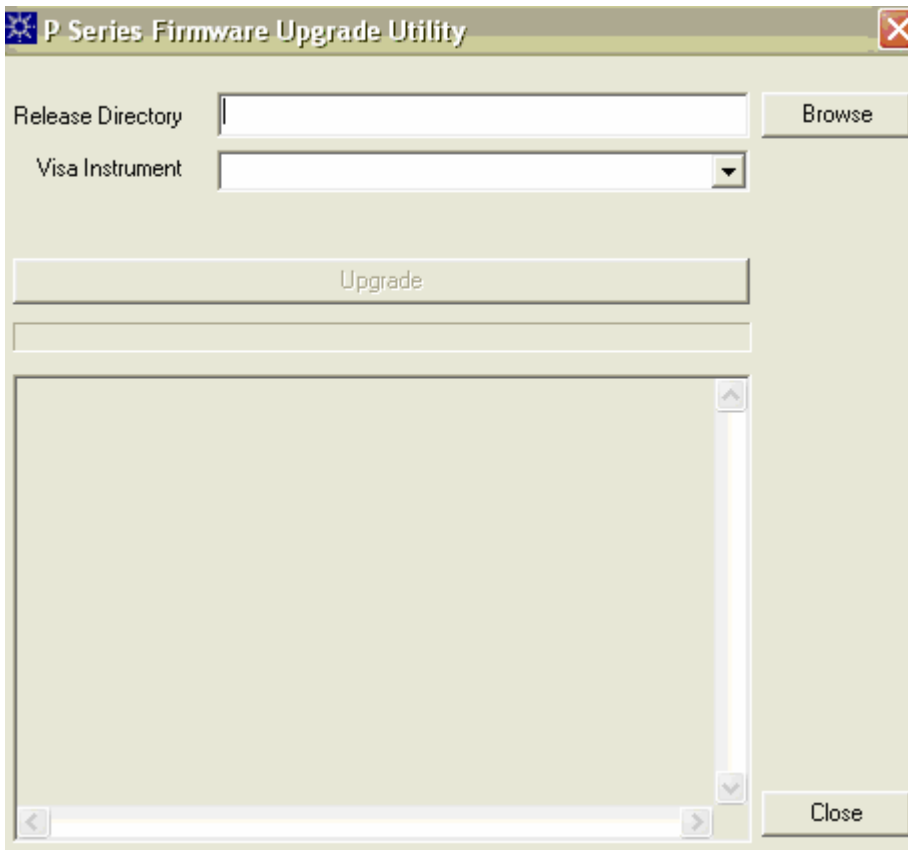
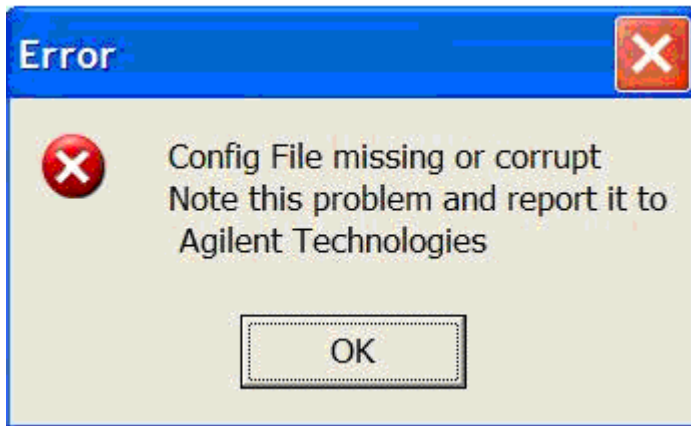**Figure 1**   P Series Firmware Upgrade Utility

Figure 2   Error message dialog box

Conclusion

Users are unable to use N191x Firmware Upgrade Utility, as shown in figure 3, to upgrade P-Series power meter firmware version A.02.01 and above. Users must use P Series Firmware Upgrade Utility to perform the upgrading.

If users choose to downgrade their firmware version using the P Series Firmware Upgrade Utility, users must rename the N191x_Firmware_Upgrade.txt file to Firmware_Upgrade.txt.
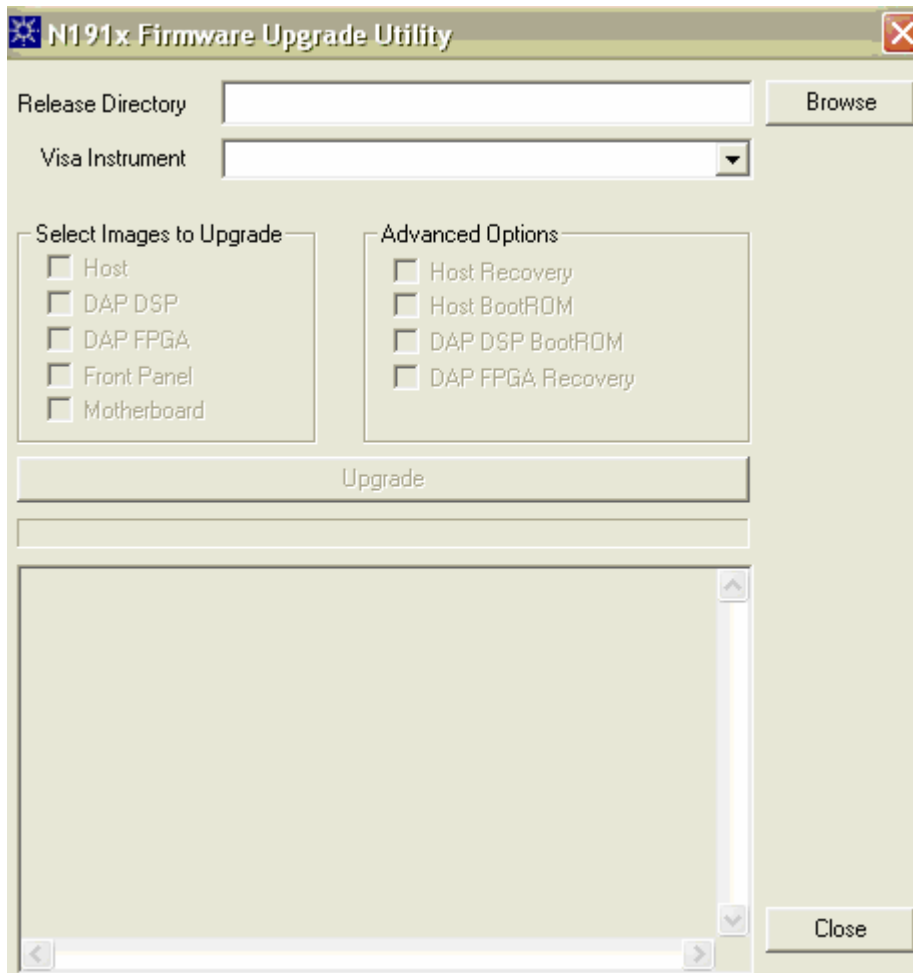
N191x Firmware Upgrade Utility

Release Directory [   ]   Browse

Visa Instrument [▼]

Select Images to Upgrade
☐ Host
☐ DAP DSP
☐ DAP FPGA
☐ Front Panel
☐ Motherboard

Advanced Options
☐ Host Recovery
☐ Host BootROM
☐ DAP DSP BootROM
☐ DAP FPGA Recovery

Upgrade

Close

Figure 3   N191x Firmware Upgrade Utility

Caution
- Do not dismantle the front panel.
- Do not touch the 1 mW reference.
- Once the front panel is dismantled or 1 mW is affected, service and calibration are needed.
- Information about verification of 1 mW is documented in service guide.