E4406A Notes

<u>FTP Password</u>

Username: VSA

Password: service

<u>Serial Number</u>

US39330594

<u>Network Address</u>

001083-035ed7

<u>Flash Memory</u>

E4406-60236-79-0403-00075
64 Mb

<u>Update Firmware</u>

I think firmware version 7.x worked fine as an initial version to install. Be aware that the laptop must have a LAN connection and the setup wizard reached a specific point before the LAN boot option becomes available on the VSA.

Set the IPV4 IP address in the PC to 192.168.0.1. Set instrument to 192.168.0.2.

Set the connection to 10 MBs, one way.

Use a crossover Ethernet cable.

If the device doesn't boot from the recovery floppy that you prepared from the old flash module then you could try the following:

Type "SEA" (without quotation marks) and press enter. After several seconds you should see a list with your boot devices. See which one reflects the floppy drive. i.e. P0, and then type "bo p0" and press enter. It will ask you "Do you want to interact with IPL (Y/N)?" where you answer "N" and press Enter. And then the floppy script should restore the data to the new flash module.

<u>Re-install Calibration Files</u>

Computer inside is an HP9000.

Take two or three floppies and format them not through the Windows user interface but through the command line:

C:\> format a: /f /v [ENTER]

Sometimes it's just '/f' or '/v'. This will perform a complete full format (compared to the quick format the Windows UI does) and check of the disk sectors. At the end of the format process it will show how much capacity the disk has, and also how much capacity is lost in defective sectors.

What you want is a disk with zero defects. If after formatting a floppy shows one or more defective sectors then just bin it.

Ideally you end up with three or four defect-free formatted disks.

Now you'd have to put your old flash memory back into the VSA and start from the HP Tools floppy again. Use it to create the backup of the calibration data, and repeat this so you have three or four copies.

Then put the new flash memory back in, put one of the recovery disks in the floppy drive, and power it on. Ideally it boots from the floppy, if not try SEA and hopefully the floppy drive will show as an additional boot device.

The crack for the E4406A are very easy--when running the DOS update program it makes a folder on your pc-there in programs (86)-e4406a update program-ftpfiles-orioncchprt.

Replace this orion file with mine---then the software does not check keys for options.