




/  Topics (<https://groups.io/g/HP-Agilent-Keysight-equipment/topics?p=,,,0,0,0,0>)



/  Does anyone have Agilent E4418-90031 CLIP for E4418 Power meter ?

 Mute This Topic (<https://groups.io/g/HP-Agilent-Keysight-equipment/ft/90893969?csrf=5513314409256117711&mute=1&p=Created%2C%2C%2C20%2C1%2C0%2C0>)

## Does anyone have Date (<https://groups.io/g/HP-Agilent-Keysight-equipment/topic/90893969?p=Created%2C%2C%2C20%2C1%2C0%2C0>) Agilent E4418-90031 CLIP for E4418 Power meter ?



Paul Bicknell ([/g/HP-Agilent-Keysight-equipment/profile/@Paul\\_B](https://groups.io/g/HP-Agilent-Keysight-equipment/profile/@Paul_B))

6:54am  (<https://groups.io/g/HP-Agilent-Keysight-equipment/message/126294>)

Hi Lothar

Regarding the CLIP for the 4418 power meter that is in the File called CLIPS on this site

But I have mislaid the 4418 modification notes regarding the memory battery running down could someone please point me in the correct direction

Regards Paul

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Gyorgy Albert

May 9  (<https://groups.io/g/HP-Agilent-Keysight-equipment/message/126291>)

Hi Lothar,

You are right, in the available literature of the E441x power meters only the calibrator amplitude and frequency adjustment is described. But this does not means, that there are no correction parameters saved in the EEPROMs. It make sense to save these in the EEPROMs of the measurement boards, if you simply replace them, you don't need a recalibration. There are still some offset and gain adjustments which are needed, even if all the job is done in software by the DSP of the measurement board. Maybe HPAK don't want to facilitate the calibration of these power meters, only to certain labs, and did not published the information.

I wonder, if a lab is accepting a E441x power meter for calibration, they will perform simply a performance check (which is in fact only a "verification", and not a "calibration") and will issue a calibration certificate? Or they might have access to some proprietary HPAK calibration software, which will save the correction parameters.

Sorry if I am bothering with this topic, but I am interested in a solution. I will dig a bit deeper (maybe I can access somehow the firmware), and maybe I will find out something.

BR,  
Gyorgy

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Dave McGuire (/g/HP-Agilent-Keysight-equipment/profile/77825)

May 6 (https://groups.io/g/HP-Agilent-Keysight-equipment/message/126126)

On 5/6/22 01:42, Gyorgy Albert wrote:

There is a complete CD available at KO4BB, see here :[http://ftb.ko4bb.com/getsimple/index.php?id=download&file=HP\\_Agilent/Agilent\\_E4418B\\_Power\\_Meter\\_Service\\_Manual-Agilent\\_Power\\_Meter\\_EPM\\_Documentation\\_CD-ROM.zip](http://ftb.ko4bb.com/getsimple/index.php?id=download&file=HP_Agilent/Agilent_E4418B_Power_Meter_Service_Manual-Agilent_Power_Meter_EPM_Documentation_CD-ROM.zip)  
([http://ftb.ko4bb.com/getsimple/index.php?id=download&file=HP\\_Agilent/Agilent\\_E4418B\\_Power\\_Meter\\_Service\\_Manual-Agilent\\_Power\\_Meter\\_EPM\\_Documentation\\_CD-ROM.zip](http://ftb.ko4bb.com/getsimple/index.php?id=download&file=HP_Agilent/Agilent_E4418B_Power_Meter_Service_Manual-Agilent_Power_Meter_EPM_Documentation_CD-ROM.zip)) <[http://ftb.ko4bb.com/getsimple/index.php?id=download&file=HP\\_Agilent/Agilent\\_E4418B\\_Power\\_Meter\\_Service\\_Manual-Agilent\\_Power\\_Meter\\_EPM\\_Documentation\\_CD-ROM.zip](http://ftb.ko4bb.com/getsimple/index.php?id=download&file=HP_Agilent/Agilent_E4418B_Power_Meter_Service_Manual-Agilent_Power_Meter_EPM_Documentation_CD-ROM.zip)>  
([http://ftb.ko4bb.com/getsimple/index.php?id=download&file=HP\\_Agilent/Agilent\\_E4418B\\_Power\\_Meter\\_Service\\_Manual-Agilent\\_Power\\_Meter\\_EPM\\_Documentation\\_CD-ROM.zip](http://ftb.ko4bb.com/getsimple/index.php?id=download&file=HP_Agilent/Agilent_E4418B_Power_Meter_Service_Manual-Agilent_Power_Meter_EPM_Documentation_CD-ROM.zip))>  
What you have Dave, it is something different?

Nope, that's the same one I have.

-Dave

--  
Dave McGuire, AK4HZ  
New Kensington, PA

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Lothar baier

May 6 (https://groups.io/g/HP-Agilent-Keysight-equipment/message/126120)

I never heard of any adjustments on the EPM meters other than the calibrator amplitude and frequency , the only EEPROMs I am aware of are on the measurement boards and there are no correction constants stored in there !

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Gyorgy Albert

May 6 (https://groups.io/g/HP-Agilent-Keysight-equipment/message/126099)

I am referring to calibration adjustments, if the unit is out of specs (slightly) when performing the performance tests. This is done usually over GPIB with special commands, when you can overwrite some correction factors in the eeprom. In the older meters (435/436/437/438) it was made with some trimmer adjustments. In the E441x series, the correction parameters are kept in the eeprom of the meter. Of course, I know, there is a big difference between the older models and the E441x series.

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Lothar baier

May 5 (https://groups.io/g/HP-Agilent-Keysight-equipment/message/126098)

I am not sure what you are referring to if you are talking about calibration of the meter! Generally on a lab level the term calibration refers to comparison of the unit to the published specs using NIST traceable standards, this is normally done by running the performance tests outlined in the service manual !

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Gyorgy Albert

May 5 (https://groups.io/g/HP-Agilent-Keysight-equipment/message/126095)

Hi Dave, Hi Lothar,

There is a complete CD available at KO4BB, see here :[http://ftb.ko4bb.com/getsimple/index.php?id=download&file=HP\\_Agilent/Agilent\\_E4418B\\_Power\\_Meter\\_Service\\_Manual-Agilent\\_Power\\_Meter\\_EPM\\_Documentation\\_CD-ROM.zip](http://ftb.ko4bb.com/getsimple/index.php?id=download&file=HP_Agilent/Agilent_E4418B_Power_Meter_Service_Manual-Agilent_Power_Meter_EPM_Documentation_CD-ROM.zip)  
([http://ftb.ko4bb.com/getsimple/index.php?id=download&file=HP\\_Agilent/Agilent\\_E4418B\\_Power\\_Meter\\_Service\\_Manual-Agilent\\_Power\\_Meter\\_EPM\\_Documentation\\_CD-ROM.zip](http://ftb.ko4bb.com/getsimple/index.php?id=download&file=HP_Agilent/Agilent_E4418B_Power_Meter_Service_Manual-Agilent_Power_Meter_EPM_Documentation_CD-ROM.zip))

What you have Dave, it is something different? I am particularly interested if there is some information about the calibration of the E4418. In the service manual there is a short section about the adjustment of the frequency and level of the power reference, and mostly performance tests. But nothing about the calibration of the power meter.  
Is there available any information about the calibration?

Thanks,  
Gyorgy

On 5/4/22 14:06, Lothar baier wrote:

anyone has a copy of the E4418 CLIPS ?

Yes, I'll send you the file off-list in a moment.

-Dave

--  
Dave McGuire, AK4HZ  
New Kensington, PA

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Dave McGuire (</g/HP-Agilent-Keysight-equipment/profile/77825>)

May 4 (https://groups.io/g/HP-Agilent-Keysight-equipment/message/126054)

On 5/4/22 14:06, Lothar baier wrote:

anyone has a copy of the E4418 CLIPS ?

Yes, I'll send you the file off-list in a moment.

-Dave

--  
Dave McGuire, AK4HZ  
New Kensington, PA

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Lothar baier

May 4 (https://groups.io/g/HP-Agilent-Keysight-equipment/message/126052)

anyone has a copy of the E4418 CLIPS ?

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[← \(https://groups.io/g/HP-Agilent-Keysight-equipment/topic/90953844?p=,,,20,0,0,0::,,,0,0,0,90953844\)](https://groups.io/g/HP-Agilent-Keysight-equipment/topic/90953844?p=,,,20,0,0,0::,,,0,0,0,90953844)  
[→ \(https://groups.io/g/HP-Agilent-Keysight-equipment/topic/77025873?p=,,,20,0,0,0::,,,0,0,0,77025873\)](https://groups.io/g/HP-Agilent-Keysight-equipment/topic/77025873?p=,,,20,0,0,0::,,,0,0,0,77025873)

