



◀ Mute This Topic (https://groups.io/g/HP-Agilent-Keysight-equipment/ft/94160120?csrf=5513314409256117711&mute=1&p=Created%2C%2C%2C20%2C1%2C20%2C0%3A%3Arecentpostdate%2Fstick

keysight-equipment/topic/94160120?

0%2C0%3A%3Arecentpostdate%2Fsticky%2C%2C%2C20%2C2%2C0%2C94160120%2Cprevi%25253D1665591715548353472%2Cnextid%25253D1664636029024686413)

E4402B RF Section CLIP required



Dave Ireland

Oct 7 (https://groups.io/g/HP-Agilent-Keysight-equipment/message/130042)

I wouldn't rule it out if you have the one with the newer chip in.

I have a signal generator that uses this later chip and only one band has failed Higher and lower work just fine. Unfortunately my main interest is 300MHz and that is the band missing. Up to 100mhz is fine and around 500 to 3Ghz is also fine.

I have Leo's substitute, but I am waiting for a day I feel brave enough to solder it in.

Dave

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Tony G1HMO

Oct 7 (https://groups.io/g/HP-Agilent-Keysight-equipment/message/130043)

Mine is the older RF PCB which has the 1GC1-4207 IC which appears to now be unobtainable, hence ordering the replacement which is a HMC365S8GE which has been used by others as a replacement.

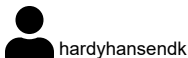
Tony

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Oct 7 <https://groups.io/g/HP-Agilent-Keysight-equipment/message/130044>



Hi Tony

I guess you just should replace the divider chip-then lets see what happens.I will then open mine to help-have alot of test eq.

Besides we are going to Bognor next week-to visit my mother in law.

Let me know what options you have -i will make the rest for you.

See the pdf.

Regards

Hardy

Fra: HP-Agilent-Keysight-equipment@groups.io [mailto:HP-Agilent-Keysight-equipment@groups.io] **På vegne af** Tony G1HMO

Sendt: 7. oktober 2022 13:38


Til: HP-Agilent-Keysight-equipment@groups.io


Emne: Re: [HP-Agilent-Keysight-equipment] E4402B RF Section CLIP required

Hi Hardy,

I'll give it a go, just had the email from Mouser to say the device I ordered earlier has been dispatched, so fingers (and toes!) crossed that will be the issue and replacing the IC will get me back up and running.

Tony.

 http://www.avg.com/email-signature?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient

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HP_ESA_Options_2.pdf

https://groups.io/g/HP-Agilent-Keysight-equipment/attachment/130044/0/HP_ESA_Options_2.pdf

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Oct 8 <https://groups.io/g/HP-Agilent-Keysight-equipment/message/130045>

Hi Hardy,

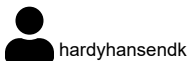
I did reply to your email with the details, not sure if you got it at all?

Tony

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Oct 8 <https://groups.io/g/HP-Agilent-Keysight-equipment/message/130046>

hi Tony

Havent got it-please resend.

Regards

Hardy

Fra: HP-Agilent-Keysight-equipment@groups.io [mailto:HP-Agilent-Keysight-equipment@groups.io] **På vegne af** Tony G1HMO

Sendt: 8. oktober 2022 12:51


Til: HP-Agilent-Keysight-equipment@groups.io


Emne: Re: [HP-Agilent-Keysight-equipment] E4402B RF Section CLIP required

Hi Hardy,

I did reply to your email with the details, not sure if you got it at all?

Tony

 http://www.avg.com/email-signature?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient

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Tony G1HMO

Oct 8 <https://groups.io/g/HP-Agilent-Keysight-equipment/message/130047>

Hi Hardy,

Just emailed it again.

Tony

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Tony G1HMO

Oct 10 <https://groups.io/g/HP-Agilent-Keysight-equipment/message/130056>

Well, quick update, I changed the divider U60, removed the old one without damaging the IC, cleaned up the PCB, fitted the new on with pins 2 and 6 lifted from the PCB. power everything up and the analyser still shows LO unlock, the only difference seems to be that before it used to go unlocked around 790MHz now it seems to go unlocked around 900MHz, perhaps a tolerance difference in the divider IC.

I have to put it to one side for a few days now as I have work to finish, I will get back to it ASAP, but certainly before the weekend, although without more higher frequency test kit, I don't really know the best plan of attack.

Tony

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ent/topic/e4402b_rf_section_clip/94160120?
\%3Arecentpostdate%2Fsticky%2C%2C%2C20%2C2%2C0%2C94160120%2Cprev%25253D1665591715548353472%2Cnextid%25253D1664636029024686413&prev=1)
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[← \(https://groups.io/g/HP-Agilent-Keysight-equipment/topic/94247362?p=%2C%2C%2C20%2C0%2C0%2C0%3A%3Arecentpostdate%2Fsticky%2C%2C%2C20%2C2%2C0%2C94247362\)](https://groups.io/g/HP-Agilent-Keysight-equipment/topic/94247362?p=%2C%2C%2C20%2C0%2C0%2C0%3A%3Arecentpostdate%2Fsticky%2C%2C%2C20%2C2%2C0%2C94247362)

[→ \(https://groups.io/g/HP-Agilent-Keysight-equipment/topic/93735669?p=%2C%2C%2C20%2C0%2C0%2C0%3A%3Arecentpostdate%2Fsticky%2C%2C%2C20%2C2%2C0%2C93735669\)](https://groups.io/g/HP-Agilent-Keysight-equipment/topic/93735669?p=%2C%2C%2C20%2C0%2C0%2C0%3A%3Arecentpostdate%2Fsticky%2C%2C%2C20%2C2%2C0%2C93735669)