



RE: TE 210000384 3.3V Run Chart

Kar Chuon Chan

to:

Edward Jackson

07.12.2018 00:24

Cc:

Amy Xu Xia Jie, "Andre_Kopoyan@waters.com", Chun Wei Kho, Edwin Koh, HuaZhen Luo, Jaaffar Ismail, Jia Sheng Yap, "Joel Mamalateo Deduyo", Kah Chin Tan, Melody Yu, "Narendran Sevoo Al Muniyandy", Niu Niu, Sua Sin Jein, Swee Thai Ng, "Yew Wah Pang"

Hide Details

From: Kar Chuon Chan <KarChuon.Chan@flex.com> Sort List...

To: Edward Jackson <Edward_Jackson@waters.com>

Cc: Amy Xu Xia Jie <amy.xu@flex.com>, "Andre_Kopoyan@waters.com" <Andre_Kopoyan@waters.com>, Chun Wei Kho <ChunWei.Kho@flex.com>, Edwin Koh <Edwin_Koh@waters.com>, HuaZhen Luo <HuaZhen_Luo@waters.com>, Jaaffar Ismail <Jaaffar_Ismail@waters.com>, Jia Sheng Yap <jiasheng.yap@flex.com>, "Joel Mamalateo Deduyo" <joelmamalateo.deduyo@flex.com>, Kah Chin Tan <Kah_Chin_Tan@waters.com>, Melody Yu <Melody.Yu@flex.com>, "Narendran Sevoo Al Muniyandy" <narendransevooal.muniyandy@flex.com>, Niu Niu <niu.niu@flex.com>, Sua Sin Jein <sinjein.sua@flex.com>, Swee Thai Ng <SweeThai.Ng@flex.com>, "Yew Wah Pang" <yewwah.pang@flex.com>

Jackson:

Thanks your reply. Will wait for you to finalize the latest test program. Yes, our production is using old tester TE#82510.

Let me know if you need any further data about 384 failure. Thanks

From: Edward Jackson <Edward_Jackson@waters.com>

Sent: Thursday, 6 December 2018 9:54 pm

To: Kar Chuon Chan <KarChuon.Chan@flex.com>

CC: Amy Xu Xia Jie <amy.xu@flex.com>, Andre_Kopoyan@waters.com, Chun Wei Kho <ChunWei.Kho@flex.com>, Edwin Koh <Edwin_Koh@waters.com>, HuaZhen Luo <HuaZhen_Luo@waters.com>, Jaaffar Ismail <Jaaffar_Ismail@waters.com>, Jia Sheng Yap <jiasheng.yap@flex.com>, Joel Mamalateo Deduyo <joelmamalateo.deduyo@flex.com>, Kah Chin Tan <Kah_Chin_Tan@waters.com>, Melody Yu <Melody.Yu@flex.com>, Narendran Sevoo Al Muniyandy <narendransevooal.muniyandy@flex.com>, Niu Niu <niu.niu@flex.com>, Sua Sin Jein <sinjein.sua@flex.com>, Swee Thai Ng <SweeThai.Ng@flex.com>, Yew Wah Pang <yewwah.pang@flex.com>

Subject: RE: TE 210000384 3.3V Run Chart

Hi KC Chan,

We are still discussing the 3.3V test and the proper limits we should use. As soon as we establish those limits we will install the test program for you to run and then we will be looking at the power supply intermittent issue.

I will inform you when we have installed the test program on the GTS. Production boards are currently being routed to the TE82510 tester as I understand it.

Thank you.

Best Regards,
Ed

Edward Jackson
Principal Test Engineer
Test Engineering
Department

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▼ Kar Chuon Chan ---12/06/2018 12:54:27 AM---Jackson: Senai Test Engineer try to perform some checking & evaluation test on TE0084016 fixt

From: Kar Chuon Chan <KarChuon.Chan@flex.com>
To: Edwin Koh <Edwin_Koh@waters.com>, Chun Wei Kho <ChunWei.Kho@flex.com>, Edward Jackson <Edward_Jackson@waters.com>
Cc: HuaZhen Luo <HuaZhen_Luo@waters.com>, Niu Niu <niu.niu@flex.com>, "Amy Xu Xia Jie" <amy.xu@flex.com>, Jia Sheng Yap <jiaSheng.yap@flex.com>, "Narendran Sevoo Al Muniyandy" <narendransevoal.muniyandy@flex.com>, Sua Sin Jein <sinjein.sua@flex.com>, Swee Thai Ng <SweeThai.Ng@flex.com>, Yew Wah Pang <yewwah.pang@flex.com>, Melody Yu <Melody.Yu@flex.com>, Jaaffar Ismail <Jaaffar_Ismail@waters.com>, "Andre_Kopoyan@waters.com" <Andre_Kopoyan@waters.com>, Kah Chin Tan <Kah_Chin_Tan@waters.com>, "Joel Mamalateo Deduyo" <joelmamalateo.deduyo@flex.com>
Date: 12/06/2018 12:54 AM
Subject: RE: TE 210000384 3.3V Run Chart

Jackson:

Senai Test Engineer try to perform some checking & evaluation test on TE0084016 fixture hardware, since its still have failure on "Power Supply Status – Failed" after 3.3V test spec change. Could Senai use the 384 GTS Test program to perform above verification because right now the program was remove from GTS tester. Can you reinstall back the test program? Kindly advise. Thanks

Regard,

KC Chan

Test Engineering
Direct Ext: +607-5972930
Mobile : +6012-5193005
Email : KarChuon.Chan@flex.com

From: Kar Chuon Chan
Sent: Wednesday, December 5, 2018 7:25 PM
To: 'Edwin Koh' <Edwin_Koh@waters.com>; Chun Wei Kho <ChunWei.Kho@flex.com>; Edward Jackson <Edward_Jackson@waters.com>
Cc: HuaZhen Luo <HuaZhen_Luo@waters.com>; Niu Niu <niu.niu@flex.com>; Amy Xu Xia Jie <amy.xu@flex.com>; Jia Sheng Yap <jiaSheng.yap@flex.com>; Narendran Sevoo Al Muniyandy <narendransevoal.muniyandy@flex.com>; Sua Sin Jein <sinjein.sua@flex.com>; Swee Thai Ng <SweeThai.Ng@flex.com>; Yew Wah Pang <yewwah.pang@flex.com>; Melody Yu <Melody.Yu@flex.com>; Jaaffar Ismail <Jaaffar_Ismail@waters.com>; Andre_Kopoyan@waters.com; Kah Chin Tan <Kah_Chin_Tan@waters.com>; Joel Mamalateo Deduyo <joelmamalateo.deduyo@flex.com>
Subject: RE: TE 210000384 3.3V Run Chart

Jackson:

Good Morning to you. I am KC Chan from Flex Senai, Malaysia. I try to perform evaluation testing on 210000384 new software just now but I cannot find the 384 test program, do you remote into GTS TE82988-2 yesterday and did some modification on the 210000384 test program? Just to confirm with you. Thanks

Regard,

KC Chan

Test Engineering

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Email : KarChuan.Chan@flex.com

From: Edwin Koh <Edwin_Koh@waters.com>

Sent: Tuesday, December 4, 2018 10:07 PM

To: Kar Chuan Chan <KarChuan.Chan@flex.com>; Chun Wei Kho <ChunWei.Kho@flex.com>

Cc: HuaZhen Luo <HuaZhen_Luo@waters.com>; Niu Niu <niu.niu@flex.com>; Amy Xu Xia Jie <amy.xu@flex.com>; Jia Sheng Yap <jiaSheng.yap@flex.com>; Narendran Sevoo Al Muniyandy <narendransevoal.muniyandy@flex.com>; Sua Sin Jein <sinjein.sua@flex.com>; Swee Thai Ng <SweeThai.Ng@flex.com>; Yew Wah Pang <yewwah.pang@flex.com>; Melody Yu <Melody.Yu@flex.com>; Jaaffar Ismail <Jaaffar_Ismail@waters.com>; Andre_Kopoyan@waters.com; Edward Jackson <Edward_Jackson@waters.com>; Kah Chin Tan <Kah_Chin_Tan@waters.com>

Subject: Fw: TE 210000384 3.3V Run Chart

Hi Kar Chuan,

Please be aware that any 210000384 tested after yesterday software modification are not to be released until the validation is complete. Do advice if there is a shipment impact.

Thanks and Best Regards,

Koh Edwin
Snr Operations
Manager

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----- Forwarded by Edwin Koh/Waters on 04.12.2018 22:01 -----

From: Emma Pierce/Waters
To: Edwin Koh/Waters@WATTS WATERS SALES
Cc: Edward Jackson/Waters@WATTS WATERS SALES
Date: 04.12.2018 21:45
Subject: Re: Fw: TE 210000384 3.3V Run Chart

Hi Edwin,

Yes, all **210000384** boards (tested on fixture TE0084016) need to be quarantined and cannot be used in

production or shipped until the validation documentation is complete on our end.

Other boards tested on the GTS TE82988-2 (using other fixtures) are unaffected and can continue production as scheduled.

Apologies for any confusion- please let me know if you have any other questions!

Thanks,
Emma

Emma Pierce
Test Validation Engineer

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▼ Edwin Koh---12/04/2018 08:38:58 AM---Hi Ed and Emma, Do we need to on hold 210000384 tested on GTS TE82988-2?

From: Edwin Koh/Waters
To: Edward Jackson/Waters@WATTS Waters Sales, Emma Pierce/Waters@WATTS WATERS SALES
Date: 12/04/2018 08:38 AM
Subject: Fw: TE 210000384 3.3V Run Chart

Hi Ed and Emma,

Do we need to on hold 210000384 tested on GTS TE82988-2?

Thanks and Best Regards,

Koh Edwin
Snr Operations
Manager

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----- Forwarded by Edwin Koh/Waters on 04.12.2018 21:35 -----

From: Andre Kopoyan/Waters
To: Edwin Koh/Waters@WATTS WATERS SALES, Kah Chin Tan/Waters@WATTS WATERS SALES
Cc: Megan Marshall/Waters@WATTS WATERS SALES, Emma Pierce/Waters@WATTS WATERS SALES, Edward Jackson/Waters@WATTS Waters Sales
Date: 04.12.2018 10:16
Subject: TE 210000384 3.3V Run Chart

Hello Edwin/KC, I wanted to update you on the status of TE82988-2 for testing 210000384 boards.

Today, after having the weekend to reflect on this project, I realized that there's a couple gaps in the validation plan we put together that I missed. I'm asking Ed & Emma to work with me to refine and justify the tolerance on the 3.3V power voltage that has been failing.

I'm sorry for this delay and please know that I'm always looking for ways to streamline the process to keep production moving.

I will work with Emma and Ed tomorrow to get this pushed forward. In the interim, please ensure that any boards tested on this system are segregated.

Thanks,

Andre Kopoyan

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**Senior Operations
Quality Engineer**

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----- Forwarded by Andre Kopoyan/Waters on 12/03/2018 08:55 PM -----

From: Tyler Modelski/Waters

To: Andre Kopoyan/Waters@WATTS WATERS SALES, Megan Marshall/Waters@WATTS WATERS SALES

Date: 12/03/2018 03:04 PM

Subject: 210000384 3.3V Run Chart

Attached is the run chart I pulled up in the lab. I'll make sure I adjust your viewing settings today.

Let me know if you need anything else.

[attachment "210000384 3.3V Run Chart.pdf" deleted by Emma Pierce/Waters]

Tyler Modelski

Test Engineer II

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