```
Successfully removed tdl files
Successfully started file /tmp/advantest/_default/hardware.tdl
*****************************************************************************
* DIAGNOSIS VERSION  R2.03 (for viewpoint R8.16 or later)                    *
* SYSTEM NAME                T6373
*
* DIAGNOSIS STARTED AT 2022/11/22 20:09:39                                   *
*****************************************************************************
 ----- SYSTEM CONFIGURATION INFORMATION -----------------------------------
 PIN CONFIGURATION
  MAINFRAME              :       1 -    256
  TH1       [CTD       ] :       1 -    256
  LCD                    :       1 - 2304
  RVS                    :       1 -     64
 DPU CONFIGURATION
  UDC    CH              :       1 -      4
  MDC    CH              :       1 -     24
  PPS    CH              :       1 -     16
  HVDC CH                :       1 -    144
 LINE FREQUENCY          : 60Hz
 DMM MODEL               : R6581T
 SQPG CONFIGURATION
  MAX VGC                : 4MW
  MAX CTB                : 32MW
  MAX TTB                : 32MW
 LCD CONFIGURATION
  AQM BLOCK              :       1 -     26
  GREF CH                :       1 -      6
  IDDQ CH                :       1 -     16
 HSIF CONFIGURATION
  HSIF CH                :       1 -      8
 HI-FIX TYPE             : 256AI
 -------------------------------------------------------------------------
 ----- DIAGNOSIS INFORMATION ---------------------------------------------
 DIAGNOSIS MODE          : NORMAL
 DIAGNOSIS TEST NUMBER   : 192150 - 192150
```

```
 DIAGNOSIS SPEC.              : 100.0
 DIAGNOSIS REPEAT COUNT : 1
 DIAGNOSIS PIN INFORMATION
  MAINFRAME                   :      1 -   256
  TH1                         :      1 -   256
  LCD                         :      1 - 2304
  RVS                         :      1 -    64
 DIAGNOSIS DPU INFORMATION
  UDC   CH                    :      1 -      4
  MDC   CH                    :      1 -     24
  PPS   CH                    :      1 -     16
  HVDC CH                     :      1 -    144
 DIAGNOSIS LCD INFORMATION
  AQM BLOCK                   :      1 -     26
 ------------------------------------------------------------------------
TEST 192150 HSIF PIN PB CONNECTION CHECK
DPU                 initialization data successfully recovered.
TEST 192150 RESULT ---------------------------------- 20:09:41 --> ***PASS
*            DIAGNOSIS            END            AT            2022/11/22            20:10:23
*
SYSTEM RESULT .....>> ***PASS
Successfully removed tdl files
Successfully started file /tmp/advantest/_default/hardware.tdl
********************************************************************************
* DIAGNOSIS VERSION  R2.03 (for viewpoint R8.16 or later)                      *
* SYSTEM NAME                 T6373
*
* DIAGNOSIS STARTED AT 2022/11/22 20:10:47                                     *
********************************************************************************
 ----- SYSTEM CONFIGURATION INFORMATION ----------------------------------
 PIN CONFIGURATION
  MAINFRAME                   :      1 -   256
  TH1      [CTD             ] :      1 -   256
  LCD                         :      1 - 2304
  RVS                         :      1 -    64
 DPU CONFIGURATION
```

UDC CH : 1 - 4
MDC CH : 1 - 24
PPS CH : 1 - 16
HVDC CH : 1 - 144
LINE FREQUENCY : 60Hz
DMM MODEL : R6581T
SQPG CONFIGURATION
MAX VGC : 4MW
MAX CTB : 32MW
MAX TTB : 32MW
LCD CONFIGURATION
AQM BLOCK : 1 - 26
GREF CH : 1 - 6
IDDQ CH : 1 - 16
HSIF CONFIGURATION
HSIF CH : 1 - 8
HI-FIX TYPE : 256AI

----- DIAGNOSIS INFORMATION -----
DIAGNOSIS MODE : NORMAL
DIAGNOSIS TEST NUMBER : -1 - -1
DIAGNOSIS SPEC. : 100.0
DIAGNOSIS REPEAT COUNT : 1
DIAGNOSIS PIN INFORMATION
MAINFRAME : 1 - 256
TH1 : 1 - 256
LCD : 1 - 2304
RVS : 1 - 64
DIAGNOSIS DPU INFORMATION
UDC CH : 1 - 4
MDC CH : 1 - 24
PPS CH : 1 - 16
HVDC CH : 1 - 144
DIAGNOSIS LCD INFORMATION
AQM BLOCK : 1 - 26

TEST 140000 TH1 PB FLAG READ CHECK
TEST 140000 RESULT ---------- 20:10:47 --> ***PASS
TEST 141000 TH1 PIN/CW/PCON PB CONNECTION CHECK
DPU initialization data successfully recovered.
TEST 141000 RESULT ---------- 20:11:28 --> ***PASS
TEST 184000 LCD PIN PB CONNECTION CHECK
HVDPU initialization data successfully recovered.
TEST 184000 RESULT ---------- 20:14:07 --> ***PASS
TEST 192150 HSIF PIN PB CONNECTION CHECK
TEST 192150 RESULT ---------- 20:14:08 --> ***PASS
TEST 101003 DPU IFL REG. W/R CHECK
TEST 101003 RESULT ---------- 20:14:08 --> ***PASS
TEST 101058 DPU IFL BUSY CHECK
TEST 101058 RESULT ---------- 20:14:09 --> ***PASS
TEST 101103 DPU IFA REG. W/R CHECK
TEST 101103 RESULT ---------- 20:14:09 --> ***PASS
TEST 101203 DPU UDC_C REG. W/R CHECK
TEST 101203 RESULT ---------- 20:14:09 --> ***PASS
TEST 101403 DPU MDC_C REG. W/R CHECK
TEST 101403 RESULT ---------- 20:14:09 --> ***PASS
TEST 101458 DPU MDC_C BUSY CHECK
TEST 101458 RESULT ---------- 20:14:09 --> ***PASS
TEST 101503 DPU MDC REG. W/R CHECK
TEST 101503 RESULT ---------- 20:14:09 --> ***PASS
TEST 101563 DPU MDC MEAS DSP/ALU CHECK
TEST 101563 RESULT ---------- 20:14:09 --> ***PASS
TEST 101803 DPU PPS_C REG. W/R CHECK
TEST 101803 RESULT ---------- 20:14:09 --> ***PASS
TEST 103328 DPU UDC VSIM VS ACCURACY CHECK
TEST 103328 RESULT ---------- 20:14:12 --> ***PASS
TEST 103333 DPU UDC VSIM IM ACCURACY CHECK
TEST 103333 RESULT ---------- 20:14:17 --> ***PASS
TEST 103338 DPU UDC VSIM CLAMP ACCURACY CHECK
TEST 103338 RESULT ---------- 20:14:25 --> ***PASS
TEST 103343 DPU UDC ISVM IS ACCURACY CHECK
TEST 103343 RESULT ---------- 20:14:43 --> ***PASS

TEST 103348 DPU UDC ISVM VM ACCURACY CHECK
TEST 103348 RESULT ---------- 20:14:48 --> ***PASS
TEST 103353 DPU UDC ISVM CLAMP ACCURACY CHECK
TEST 103353 RESULT ---------- 20:14:53 --> ***PASS
TEST 103358 DPU UDC MVM VM ACCURACY CHECK
TEST 103358 RESULT ---------- 20:14:57 --> ***PASS
TEST 103528 DPU MDC VSIM VS ACCURACY CHECK
TEST 103528 RESULT ---------- 20:15:03 --> ***PASS
TEST 103533 DPU MDC VSIM IM ACCURACY CHECK
TEST 103533 RESULT ---------- 20:15:34 --> ***PASS
TEST 103538 DPU MDC VSIM CLAMP ACCURACY CHECK
TEST 103538 RESULT ---------- 20:15:52 --> ***PASS
TEST 103543 DPU MDC ISVM IS ACCURACY CHECK
TEST 103543 RESULT ---------- 20:16:59 --> ***PASS
TEST 103548 DPU MDC ISVM VM ACCURACY CHECK
TEST 103548 RESULT ---------- 20:17:07 --> ***PASS
TEST 103553 DPU MDC ISVM CLAMP ACCURACY CHECK
TEST 103553 RESULT ---------- 20:17:17 --> ***PASS
TEST 103828 DPU PPS VSIM VS ACCURACY CHECK
TEST 103828 RESULT ---------- 20:17:27 --> ***PASS
TEST 103833 DPU PPS VSIM IM ACCURACY CHECK
TEST 103833 RESULT ---------- 20:20:30 --> ***PASS
TEST 103838 DPU PPS VSIM CLAMP ACCURACY CHECK
TEST 103838 RESULT ---------- 20:21:42 --> ***PASS
TEST 103863 DPU PPS VSVM VS ACCURACY CHECK
TEST 103863 RESULT ---------- 20:21:52 --> ***PASS
TEST 103868 DPU PPS VSVM VM ACCURACY CHECK
TEST 103868 RESULT ---------- 20:22:12 --> ***PASS
TEST 104028 DPU DPU-PG(SELF) CHECK
TEST 104028 RESULT ---------- 20:22:12 --> ***PASS
TEST 104303 DPU UDC VSIM IM SETTLING CHECK
TEST 104303 RESULT ---------- 20:22:35 --> ***PASS
TEST 104313 DPU UDC GUARD ALARM CHECK
TEST 104313 RESULT ---------- 20:22:38 --> ***PASS
TEST 104343 DPU UDC PRECHECK
TEST 104343 RESULT ---------- 20:22:38 --> ***PASS

TEST 104503 DPU MDC VSIM IM SETTLING CHECK
TEST 104503 RESULT ---------- 20:23:02 --> ***PASS
TEST 104513 DPU MDC GUARD ALARM CHECK
TEST 104513 RESULT ---------- 20:23:05 --> ***PASS
TEST 104533 DPU MDC DUT MASK CHECK
TEST 104533 RESULT ---------- 20:23:05 --> ***PASS
TEST 104543 DPU MDC PRECHECK
TEST 104543 RESULT ---------- 20:23:09 --> ***PASS
TEST 104803 DPU PPS VSIM IM SETTLING CHECK
TEST 104803 RESULT ---------- 20:23:13 --> ***PASS
TEST 104813 DPU PPS GUARD ALARM CHECK
TEST 104813 RESULT ---------- 20:23:19 --> ***PASS
TEST 104823 DPU PPS SPIKE CHECK
TEST 104823 RESULT ---------- 20:23:36 --> ***PASS
TEST 104843 DPU PPS PRECHECK
TEST 104843 RESULT ---------- 20:23:53 --> ***PASS
TEST 105003 HVDPU IFL REG. W/R CHECK
TEST 105003 RESULT ---------- 20:23:53 --> ***PASS
TEST 105008 HVDPU IFL BUSY CHECK
TEST 105008 RESULT ---------- 20:23:54 --> ***PASS
TEST 105013 HVDPU IFA REG. W/R CHECK
TEST 105013 RESULT ---------- 20:23:54 --> ***PASS
TEST 105038 HVDPU DPU-PG(SELF) CHECK
TEST 105038 RESULT ---------- 20:23:54 --> ***PASS
TEST 105045 HVDPU MDC_C REG. W/R CHECK
TEST 105045 RESULT ---------- 20:23:54 --> ***PASS
TEST 105050 HVDPU MDC_C BUSY CHECK
TEST 105050 RESULT ---------- 20:23:54 --> ***PASS
TEST 105120 HVDPU HVDC REG. W/R CHECK
TEST 105120 RESULT ---------- 20:23:56 --> ***PASS
TEST 105420 HVDPU HVDC MVM ACCURACY CHECK
TEST 105420 RESULT ---------- 20:23:56 --> ***PASS
TEST 105430 HVDPU HVDC VSIM VS ACCURACY CHECK
TEST 105430 RESULT ---------- 20:23:57 --> ***PASS
TEST 105440 HVDPU HVDC ISVM IS ACCURACY CHECK
TEST 105440 RESULT ---------- 20:24:04 --> ***PASS

TEST 105450 HVDPU HVDC VSIM IM ACCURACY CHECK
TEST 105450 RESULT ---------- 20:24:10 --> ***PASS
TEST 105460 HVDPU HVDC VSIM CLAMP ACCURACY CHECK
TEST 105460 RESULT ---------- 20:24:15 --> ***PASS
TEST 105470 HVDPU HVDC ISVM CLAMP ACCURACY CHECK
TEST 105470 RESULT ---------- 20:24:15 --> ***PASS
TEST 105610 HVDPU HVDC VSIM IM SETTLING CHECK
TEST 105610 RESULT ---------- 20:24:16 --> ***PASS
TEST 105650 HVDPU HVDC PRECHECK
TEST 105650 RESULT ---------- 20:24:25 --> ***PASS
TEST 105660 HVDPU HVDC HGND INTERNAL CONNECT CHECK
TEST 105660 RESULT ---------- 20:24:25 --> ***PASS
TEST 105670 HVDPU HVDC OUT RELAY GND CONNECT CHECK
SQPG initialization data successfully recovered.
TEST 105670 RESULT ---------- 20:24:28 --> ***PASS
TEST 110100 SNC REGISTER READ/WRITE CHECK
TEST 110100 RESULT ---------- 20:24:28 --> ***PASS
TEST 110200 SNC REFCLK CHECK
TEST 110200 RESULT ---------- 20:24:35 --> ***PASS
TEST 110300 SNC REFCLK PAUSE CHECK
TEST 110300 RESULT ---------- 20:24:39 --> ***PASS
TEST 110400 SNC LOOP TPD MEASUREMENT CHECK
TEST 110400 RESULT ---------- 20:24:39 --> ***PASS
TEST 120000 SQPG PGIF REGISTER READ/WRITE CHECK
TEST 120000 RESULT ---------- 20:24:39 --> ***PASS
TEST 120010 SQPG SQPG REGISTER READ/WRITE CHECK
TEST 120010 RESULT ---------- 20:24:39 --> ***PASS
TEST 120020 SQPG TTB/DFM PIN MAP CHECK
TEST 120020 RESULT ---------- 20:24:40 --> ***PASS
TEST 120025 SQPG LCD TTB/DC/DFM PIN MAP CHECK
TEST 120025 RESULT ---------- 20:24:40 --> ***PASS
TEST 120027 SQPG LCD TTB/DC/DFM PIN GROUP CHECK
TEST 120027 RESULT ---------- 20:25:42 --> ***PASS
TEST 120030 SQPG EVENT TTB PIN MAP CHECK
TEST 120030 RESULT ---------- 20:25:42 --> ***PASS
TEST 120040 SQPG TTB/DFM REGISTER READ/WRITE CHECK BY PHYSICAL PIN

TEST 120040 RESULT ---------- 20:25:43 --> ***PASS
TEST 120045 SQPG LCD TTB/DC/DFM REGISTER READ/WRITE CHECK BY PHYSICAL PIN
TEST 120045 RESULT ---------- 20:25:46 --> ***PASS
TEST 120050 SQPG TTB/DFM REGISTER READ/WRITE CHECK BY LOGICAL PIN
TEST 120050 RESULT ---------- 20:26:05 --> ***PASS
TEST 120055 SQPG LCD TTB/DC/DFM REGISTER READ/WRITE CHECK BY LOGICAL PIN
TEST 120055 RESULT ---------- 20:27:03 --> ***PASS
TEST 120057 SQPG LCD TTB/DC/DFM REGISTER READ/WRITE CHECK BY GROUP PIN
TEST 120057 RESULT ---------- 20:27:05 --> ***PASS
TEST 120060 SQPG EVENT TTB REGISTER READ/WRITE CHECK BY PHYSICAL PIN
TEST 120060 RESULT ---------- 20:27:05 --> ***PASS
TEST 120070 SQPG EVENT TTB REGISTER READ/WRITE CHECK BY LOGICAL PIN
TEST 120070 RESULT ---------- 20:27:05 --> ***PASS
TEST 120080 SQPG STE/DFM MEMORY SENSE CHECK
TEST 120080 RESULT ---------- 20:27:05 --> ***PASS
TEST 120100 SQPG RATE MEMORY READ/WRITE CHECK
TEST 120100 RESULT ---------- 20:27:05 --> ***PASS
TEST 120110 SQPG VGC MEMORY READ/WRITE CHECK
TEST 120110 RESULT ---------- 20:27:05 --> ***PASS
TEST 120120 SQPG CTB MEMORY READ/WRITE CHECK
TEST 120120 RESULT ---------- 20:27:05 --> ***PASS
TEST 120130 SQPG TTB MEMORY READ/WRITE CHECK
TEST 120130 RESULT ---------- 20:27:05 --> ***PASS
TEST 120135 SQPG LCD TTB MEMORY READ/WRITE CHECK
TEST 120135 RESULT ---------- 20:27:06 --> ***PASS
TEST 120137 SQPG LCD TTB MEMORY READ/WRITE CHECK 2
TEST 120137 RESULT ---------- 20:27:08 --> ***PASS
TEST 120140 SQPG EVENT TTB MEMORY READ/WRITE CHECK
TEST 120140 RESULT ---------- 20:27:08 --> ***PASS
TEST 120150 SQPG UBM MEMORY READ/WRITE CHECK
TEST 120150 RESULT ---------- 20:27:21 --> ***PASS
TEST 120200 SQPG STE TRANSFER CHECK BY PHYSICAL PIN
TEST 120200 RESULT ---------- 20:27:38 --> ***PASS

TEST 120205 SQPG LCD TTB TRANSFER CHECK BY PHYSICAL PIN(SHORT)
TEST 120205 RESULT ---------- 20:27:40 --> ***PASS
TEST 120210 SQPG STE TRANSFER CHECK BY LOGICAL PIN
TEST 120210 RESULT ---------- 20:27:46 --> ***PASS
TEST 120215 SQPG LCD TTB TRANSFER CHECK BY LOGICAL PIN(SHORT)
TEST 120215 RESULT ---------- 20:27:47 --> ***PASS
TEST 120220 SQPG EVENT TTB TRANSFER CHECK BY PHYSICAL PIN
TEST 120220 RESULT ---------- 20:27:47 --> ***PASS
TEST 120230 SQPG EVENT TTB TRANSFER CHECK BY LOGICAL PIN
TEST 120230 RESULT ---------- 20:27:47 --> ***PASS
TEST 120250 SQPG ERROR INSTRUCTION TRANS CHECK
TEST 120250 RESULT ---------- 20:27:47 --> ***PASS
TEST 120500 SQPG START CHECK
TEST 120500 RESULT ---------- 20:27:47 --> ***PASS
TEST 120510 SQPG STOP CHECK
TEST 120510 RESULT ---------- 20:27:47 --> ***PASS
TEST 120520 SQPG INTERRUPT CHECK
TEST 120520 RESULT ---------- 20:27:47 --> ***PASS
TEST 120600 SQPG CTRL OUTPUT CHECK
TEST 120600 RESULT ---------- 20:27:47 --> ***PASS
TEST 120610 SQPG CTB PATTERN OUTPUT CHECK
TEST 120610 RESULT ---------- 20:27:47 --> ***PASS
TEST 120620 SQPG TTB PATTERN OUTPUT CHECK
TEST 120620 RESULT ---------- 20:27:47 --> ***PASS
TEST 120625 SQPG LCD TTB PATTERN OUTPUT CHECK
TEST 120625 RESULT ---------- 20:27:47 --> ***PASS
TEST 120650 SQPG TTB PATMUX PATTERN OUTPUT CHECK 1
TEST 120650 RESULT ---------- 20:27:47 --> ***PASS
TEST 120660 SQPG TTB PATMUX PATTERN OUTPUT CHECK 2
TEST 120660 RESULT ---------- 20:27:50 --> ***PASS
TEST 120700 SQPG CPE WINDOW SYNC CHECK
TEST 120700 RESULT ---------- 20:27:50 --> ***PASS
TEST 121000 SQPG RATE PERIOD CHECK
TEST 121000 RESULT ---------- 20:27:51 --> ***PASS
TEST 121100 SQPG REPEAT CHECK
TEST 121100 RESULT ---------- 20:27:52 --> ***PASS

TEST 121110 SQPG CONTINUE MODE CHECK
TEST 121110 RESULT ---------- 20:27:52 --> ***PASS
TEST 121150 SQPG SPA COMBINATION CHECK
TEST 121150 RESULT ---------- 20:27:53 --> ***PASS
TEST 121200 SQPG PAUSE CHECK
TEST 121200 RESULT ---------- 20:27:53 --> ***PASS
TEST 121210 SQPG PAUSE TIMER CHECK
TEST 121210 RESULT ---------- 20:27:53 --> ***PASS
TEST 121300 SQPG OUT FIFO READ/WRITE CHECK
TEST 121300 RESULT ---------- 20:27:55 --> ***PASS
TEST 121310 SQPG OUT HOLD CHECK
TEST 121310 RESULT ---------- 20:27:56 --> ***PASS
TEST 121320 SQPG OUT ERROR MASK CHECK
TEST 121320 RESULT ---------- 20:27:56 --> ***PASS
TEST 121330 SQPG OUT TIME OUT CHECK
TEST 121330 RESULT ---------- 20:27:58 --> ***PASS
TEST 121500 SQPG JNI LOOP CHECK
TEST 121500 RESULT ---------- 20:27:58 --> ***PASS
TEST 121510 SQPG JEC LOOP CHECK
TEST 121510 RESULT ---------- 20:27:59 --> ***PASS
TEST 121800 SQPG VGC INDEX STACK ERROR CHECK
TEST 121800 RESULT ---------- 20:27:59 --> ***PASS
TEST 121810 SQPG VGC CACHE ERROR CHECK
TEST 121810 RESULT ---------- 20:27:59 --> ***PASS
TEST 121820 SQPG VGC REGISTER LOOP ERROR CHECK
TEST 121820 RESULT ---------- 20:27:59 --> ***PASS
TEST 122000 SQPG TTB START ADDRESS LOAD CHECK
TEST 122000 RESULT ---------- 20:27:59 --> ***PASS
TEST 122010 SQPG TTB START ADDRESS CHECK
TEST 122010 RESULT ---------- 20:28:00 --> ***PASS
TEST 122100 SQPG PC BANK CONTROL CHECK 0
TEST 122100 RESULT ---------- 20:28:00 --> ***PASS
TEST 122110 SQPG PC BANK CONTROL CHECK 1
TEST 122110 RESULT ---------- 20:28:00 --> ***PASS
TEST 122120 SQPG PC BANK CONTROL CHECK 2
TEST 122120 RESULT ---------- 20:28:01 --> ***PASS

TEST 122130 SQPG PC BANK CONTROL CHECK 3
TEST 122130 RESULT ---------- 20:28:01 --> ***PASS
TEST 122140 SQPG PC BANK CONTROL CHECK 4
TEST 122140 RESULT ---------- 20:28:01 --> ***PASS
TEST 122150 SQPG PC BANK CONTROL CHECK 5
TEST 122150 RESULT ---------- 20:28:01 --> ***PASS
TEST 122200 SQPG CTB READ BANK CHECK
TEST 122200 RESULT ---------- 20:28:01 --> ***PASS
TEST 122210 SQPG TTB READ BANK CHECK
TEST 122210 RESULT ---------- 20:28:02 --> ***PASS
TEST 122230 SQPG TTB PATMUX READ BANK CHECK
TEST 122230 RESULT ---------- 20:28:02 --> ***PASS
TEST 122300 SQPG CTB READ PC CHECK
TEST 122300 RESULT ---------- 20:28:03 --> ***PASS
TEST 122310 SQPG TTB READ PC CHECK
TEST 122310 RESULT ---------- 20:28:04 --> ***PASS
TEST 122315 SQPG LCD TTB READ PC CHECK
TEST 122315 RESULT ---------- 20:28:06 --> ***PASS
TEST 122330 SQPG TTB PATMUX READ PC CHECK
TEST 122330 RESULT ---------- 20:28:07 --> ***PASS
TEST 122350 SQPG TTB RBANK CHECK2
TEST 122350 RESULT ---------- 20:28:07 --> ***PASS
TEST 122800 SQPG CTB PARITY GENERATOR & PARITY ERROR CHECK
TEST 122800 RESULT ---------- 20:28:07 --> ***PASS
TEST 122810 SQPG TTB PARITY GENERATOR & PARITY ERROR CHECK
TEST 122810 RESULT ---------- 20:28:12 --> ***PASS
TEST 122815 SQPG LCD TTB PARITY GENERATOR & PARITY ERROR CHECK
TEST 122815 RESULT ---------- 20:28:49 --> ***PASS
TEST 124000 SQPG DFM MODE CHECK1
TEST 124000 RESULT ---------- 20:28:49 --> ***PASS
TEST 124010 SQPG DFM MODE CHECK2
TEST 124010 RESULT ---------- 20:28:49 --> ***PASS
TEST 124020 SQPG DFM LOOP COUNT CHECK
TEST 124020 RESULT ---------- 20:28:49 --> ***PASS
TEST 124030 SQPG DFM TTB CONTROL SIG CHECK
TEST 124030 RESULT ---------- 20:28:49 --> ***PASS

TEST 125000 SQPG TTB PARALLEL REGISTER READ/WRITE CHECK
TEST 125000 RESULT ---------- 20:28:57 --> ***PASS
TEST 125005 SQPG LCD TTB PARALLEL REGISTER READ/WRITE CHECK
TEST 125005 RESULT ---------- 20:28:59 --> ***PASS
TEST 125010 SQPG TTB PARALLEL TRANSFER CHECK
TEST 125010 RESULT ---------- 20:29:01 --> ***PASS
TEST 125015 SQPG LCD TTB PARALLEL TRANSFER CHECK
TEST 125015 RESULT ---------- 20:29:02 --> ***PASS
TEST 125100 SQPG TTB PARTIAL DUT REGISTER READ/WRITE CHECK
TEST 125100 RESULT ---------- 20:29:06 --> ***PASS
TEST 125105 SQPG LCD TTB PARTIAL DUT REGISTER READ/WRITE CHECK
TEST 125105 RESULT ---------- 20:30:06 --> ***PASS
TEST 125200 SQPG CTB MOVE CHECK
TEST 125200 RESULT ---------- 20:31:18 --> ***PASS
TEST 125210 SQPG TTB MOVE CHECK
TEST 125210 RESULT ---------- 20:32:36 --> ***PASS
TEST 125215 SQPG LCD TTB MOVE CHECK
TEST 125215 RESULT ---------- 20:33:51 --> ***PASS
TEST 125220 SQPG CTB MEM INIT CHECK
TEST 125220 RESULT ---------- 20:33:51 --> ***PASS
TEST 125230 SQPG TTB MEM INIT CHECK
TEST 125230 RESULT ---------- 20:33:53 --> ***PASS
TEST 125300 SQPG VGC MEMORY MARCHING CHECK
TEST 125300 RESULT ---------- 20:33:54 --> ***PASS
TEST 125310 SQPG CTB MEMORY MARCHING CHECK
TEST 125310 RESULT ---------- 20:34:10 --> ***PASS
TEST 125320 SQPG TTB MEMORY MARCHING CHECK
TEST 125320 RESULT ---------- 20:34:59 --> ***PASS
TEST 125325 SQPG LCD TTB MEMORY MARCHING CHECK
TEST 125325 RESULT ---------- 20:35:38 --> ***PASS
TEST 125400 SQPG FREE RUN CHECK
TEST 125400 RESULT ---------- 20:35:38 --> ***PASS
TEST 125410 SQPG HRESO CHECK
TEST 125410 RESULT ---------- 20:35:38 --> ***PASS
TEST 130000 FPU REGISTER READ/WRITE 1 CHECK (FPIF)
TEST 130000 RESULT ---------- 20:36:00 --> ***PASS

TEST 130100 FPU REGISTER READ/WRITE 2 CHECK (FP/FPIF)
TEST 130100 RESULT ---------- 20:37:15 --> ***PASS
TEST 130200 FPU REGISTER READ/WRITE 3 CHECK (PARALLEL)
TEST 130200 RESULT ---------- 20:37:17 --> ***PASS
TEST 130250 FPU REGISTER READ/WRITE 4 CHECK (32pin PARALLEL)
TEST 130250 RESULT ---------- 20:37:18 --> ***PASS
TEST 130300 FPU COUNTER CHECK
TEST 130300 RESULT ---------- 20:37:27 --> ***PASS
TEST 130350 FPU TEMPERATURE UNIT DAC ACTION CHECK
FPU initialization data successfully recovered.
TEST 130350 RESULT ---------- 20:37:45 --> ***PASS
TEST 137000 TRG REGISTER READ/WRITE CHECK
TEST 137000 RESULT ---------- 20:37:48 --> ***PASS
TEST 137300 TRG COUNTER CHECK
TEST 137300 RESULT ---------- 20:37:53 --> ***PASS
TEST 130500 FPU INPUT CHECK
FPU initialization data successfully recovered.
TEST 130500 RESULT ---------- 20:38:10 --> ***PASS
TEST 130600 FPU LINEARITY CHECK (PTG)
FPU initialization data successfully recovered.
TEST 130600 RESULT ---------- 20:39:26 --> ***PASS
TEST 130700 FPU MUTUAL COMPARE CHECK
TEST 130700 RESULT ---------- 20:39:37 --> ***PASS
TEST 130800 FPU FORMAT CONTROL CHECK
FPU initialization data successfully recovered.
TEST 130800 RESULT ---------- 20:40:01 --> ***PASS
TEST 130900 FPU DIGITAL COMPARE CHECK
FPU initialization data successfully recovered.
TEST 130900 RESULT ---------- 20:40:32 --> ***PASS
TEST 137500 TRG INPUT CHECK
SQPG initialization data successfully recovered.
TRIGFP initialization data successfully recovered.
TEST 137500 RESULT ---------- 20:40:48 --> ***PASS
TEST 137600 TRG LINEARITY CHECK
TRIGFP initialization data successfully recovered.
TEST 137600 RESULT ---------- 20:41:13 --> ***PASS

TEST 137700 TRG MUTUAL COMPARE CHECK
TEST 137700 RESULT ---------- 20:41:15 --> ***PASS
TEST 137800 TRG FORMAT CONTROL CHECK
TRIGFP initialization data successfully recovered.
TEST 137800 RESULT ---------- 20:41:23 --> ***PASS
TEST 137900 TRG DIGITAL COMPARE CHECK
TRIGFP initialization data successfully recovered.
TEST 137900 RESULT ---------- 20:41:30 --> ***PASS
TEST 140100 TH1 STATION SELECT REGISTER RESET CHECK
TEST 140100 RESULT ---------- 20:41:30 --> ***PASS
TEST 140105 TH1 STATION SELECT REGISTER SYSTEM RESET CHECK
TEST 140105 RESULT ---------- 20:41:30 --> ***PASS
TEST 140110 TH1 PIN DOMAIN REGISTER RESET CHECK
TEST 140110 RESULT ---------- 20:41:30 --> ***PASS
TEST 140115 TH1 PIN DOMAIN REGISTER SYSTEM RESET CHECK
TEST 140115 RESULT ---------- 20:41:30 --> ***PASS
TEST 140120 TH1 CONT REGISTER RESET CHECK
TEST 140120 RESULT ---------- 20:41:30 --> ***PASS
TEST 140125 TH1 CONT REGISTER SYSTEM RESET CHECK
TEST 140125 RESULT ---------- 20:41:31 --> ***PASS
TEST 140150 TH1 DC PARA RESET CHECK
TEST 140150 RESULT ---------- 20:41:31 --> ***PASS
TEST 140200 TH1 RON/ROF REGISTER READ/WRITE CHECK
TEST 140200 RESULT ---------- 20:41:31 --> ***PASS
TEST 140300 TH1 PIN/CONT REGISTER READ/WRITE CHECK
TEST 140300 RESULT ---------- 20:41:31 --> ***PASS
TEST 140310 TH1 OFFSET & GAIN REGISTER READ/WRITE CHECK
TEST 140310 RESULT ---------- 20:41:32 --> ***PASS
TEST 140500 TH1 RON/ROFF TIMER OPERATION TIME CHECK
TEST 140500 RESULT ---------- 20:41:40 --> ***PASS
TEST 140510 TH1 RON/ROFF TIMER OPERATION RON/ROFF SET CHECK
TEST 140510 RESULT ---------- 20:41:40 --> ***PASS
TEST 140520 TH1 DIRECT RON OPERATION RON/ROFF SET CHECK
TEST 140520 RESULT ---------- 20:41:41 --> ***PASS
TEST 140530 TH1 SETTLING BUSY FLAG OPERATION CHECK
TEST 140530 RESULT ---------- 20:41:45 --> ***PASS

TEST 140540 TH1 SETTLING BUSY FLAG OPERATION2 CHECK
TEST 140540 RESULT ---------- 20:42:02 --> ***PASS
TEST 140600 TH1 PIN GROUP SETUP OPERATION CHECK
TEST 140600 RESULT ---------- 20:42:02 --> ***PASS
TEST 140610 TH1 PIN PARALLEL MODE READ/WRITE CHECK
TEST 140610 RESULT ---------- 20:42:10 --> ***PASS
TEST 140650 TH1 VT FUNCTION/EXTRA REGISTER CHECK
TEST 140650 RESULT ---------- 20:42:10 --> ***PASS
TEST 140700 TH1 TERM M2R5V SENSE CHECK
TEST 140700 RESULT ---------- 20:42:10 --> ***PASS
TEST 140800 TH1 FCSTOP LINE CHECK
SQPG initialization data successfully recovered.
TEST 140800 RESULT ---------- 20:42:11 --> ***PASS
TEST 140900 TH1 INIT TH ADJUSTMENT CHECK
TEST 140900 RESULT ---------- 20:44:54 --> ***PASS
TEST 141100 TH1 DR OUTPUT VOLTAGE LINEARITY & RON/ROF CHECK
TEST 141100 RESULT ---------- 20:45:09 --> ***PASS
TEST 141110 TH1 DR OUTPUT CURRENT & IMPEDANCE CHECK
TEST 141110 RESULT ---------- 20:45:18 --> ***PASS
TEST 141120 TH1 DR OUTPUT CURRENT LIMIT CHECK
TEST 141120 RESULT ---------- 20:45:22 --> ***PASS
TEST 141200 TH1 VT LINEARITY VOLTAGE & RON/ROF CHECK
TEST 141200 RESULT ---------- 20:45:28 --> ***PASS
TEST 141210 TH1 VT CURRENT & RESISTANCE CHECK
TEST 141210 RESULT ---------- 20:45:39 --> ***PASS
TEST 141300 TH1 PL CURRENT LINEARITY VOLTAGE & RON/ROF CHECK
TEST 141300 RESULT ---------- 20:46:03 --> ***PASS
TEST 141310 TH1 PL THRESHOLD VOLTAGE CHECK
TEST 141310 RESULT ---------- 20:46:07 --> ***PASS
TEST 141320 TH1 PL VT VOLTAGE CHECK
TEST 141320 RESULT ---------- 20:46:23 --> ***PASS
TEST 141400 TH1 LIMITER FAIL SENSE VOLTAGE CHECK
TEST 141400 RESULT ---------- 20:46:53 --> ***PASS
TEST 141500 TH1 LIMITER FAIL MASK OPERATION CHECK
TEST 141500 RESULT ---------- 20:47:27 --> ***PASS
TEST 141600 TH1 RELAY OFF LEAK CURRENT CHECK

TEST 141600 RESULT ---------- 20:47:35 --> ***PASS
TEST 142000 TH1 I/O LEAK CURRENT CHECK
TEST 142000 RESULT ---------- 20:47:42 --> ***PASS
TEST 142100 TH1 CP(HiZ) REFERENCE VOLTAGE LINEARITY CHECK
TEST 142100 RESULT ---------- 20:49:12 --> ***PASS
TEST 142110 TH1 CP(VT) REFERENCE VOLTAGE LINEARITY CHECK
TEST 142110 RESULT ---------- 20:51:06 --> ***PASS
TEST 142200 TH1 DCLMP VOLTAGE LINEARITY & RON/ROF CHECK
TEST 142200 RESULT ---------- 20:51:22 --> ***PASS
TEST 142210 TH1 DCLMP CURRENT LIMIT CHECK
TEST 142210 RESULT ---------- 20:51:26 --> ***PASS
TEST 144000 TH1 PRE DR - CP PHASE CHECK
TEST 144000 RESULT ---------- 20:51:28 --> ***PASS
TEST 144100 TH1 PRE I/O TIMING (NORMAL MODE) CHECK
TEST 144100 RESULT ---------- 20:51:33 --> ***PASS
TEST 144200 TH1 PRE DRE MINIMUM ON/OFF (NORMAL MODE) CHECK
TEST 144200 RESULT ---------- 20:51:42 --> ***PASS
TEST 144500 TH1 DRIVER/COMPARETER TR/TF CHECK
TEST 144500 RESULT ---------- 20:52:02 --> ***PASS
TEST 145000 TH1 DR - CP PHASE CHECK
TEST 145000 RESULT ---------- 20:52:05 --> ***PASS
TEST 145100 TH1 I/O TIMING (NORMAL MODE) CHECK
TEST 145100 RESULT ---------- 20:52:10 --> ***PASS
TEST 145120 TH1 I/O TIMING (VTT MODE) CHECK
TEST 145120 RESULT ---------- 20:52:15 --> ***PASS
TEST 145200 TH1 DRE MINIMUM ON/OFF (NORMAL MODE) CHECK
TEST 145200 RESULT ---------- 20:52:24 --> ***PASS
TEST 145220 TH1 DRE MINIMUM ON/OFF (VTT MODE) CHECK
TEST 145220 RESULT ---------- 20:52:33 --> ***PASS
TEST 140910 TH1 INIT TRIGTH ADJUSTMENT CHECK
TRIGFP initialization data successfully recovered.
TEST 140910 RESULT ---------- 20:52:51 --> ***PASS
TEST 143000 TH1 TRIGGER DR OUTPUT VOLTAGE LINEARITY CHECK
TEST 143000 RESULT ---------- 20:52:57 --> ***PASS
TEST 143010 TH1 TRIGGER DR OUTPUT CURRENT & IMPEDANCE CHECK
TEST 143010 RESULT ---------- 20:53:02 --> ***PASS

TEST 143100 TH1 TRIGGER CP REFERENCE VOLTAGE LINEARITY CHECK
TEST 143100 RESULT ---------- 20:53:10 --> ***PASS
TEST 143110 TH1 TRIGGER CP REFERENCE VOLTAGE HYSTERESIS CHECK
TEST 143110 RESULT ---------- 20:53:17 --> ***PASS
TEST 150100 FPU AFTER TH1 FUNCTION CHECK
TRIGFPTH initialization data successfully recovered.
TEST 150100 RESULT ---------- 20:53:47 --> ***PASS
TEST 157100 TRG AFTER TH1 FUNCTION CHECK
FPU initialization data successfully recovered.
TRIGFPTH initialization data successfully recovered.
TEST 157100 RESULT ---------- 20:54:09 --> ***PASS
TEST 160000 SQPG DFM FAIL PATH CHECK
TEST 160000 RESULT ---------- 20:54:17 --> ***PASS
TEST 160002 SQPG HSIF DFM FAIL PATH CHECK
TEST 160002 RESULT ---------- 20:54:17 --> ***PASS
TEST 160005 SQPG LCD DFM FAIL PATH CHECK
TEST 160005 RESULT ---------- 20:54:18 --> ***PASS
TEST 160010 SQPG DFM TOFL PATH CHECK
TEST 160010 RESULT ---------- 20:54:19 --> ***PASS
TEST 160015 SQPG LCD DFM TOFL PATH CHECK
TEST 160015 RESULT ---------- 20:54:19 --> ***PASS
TEST 160020 SQPG DFM STORE PATH CHECK
TEST 160020 RESULT ---------- 20:54:19 --> ***PASS
TEST 160022 SQPG HSIF DFM STORE PATH CHECK
TEST 160022 RESULT ---------- 20:54:20 --> ***PASS
TEST 160025 SQPG LCD DFM STORE PATH CHECK
TEST 160025 RESULT ---------- 20:54:20 --> ***PASS
TEST 160030 SQPG DFM FULL STORE CHECK
TEST 160030 RESULT ---------- 20:54:21 --> ***PASS
TEST 160500 SQPG HMATCH FLAGH PATH CHECK
TEST 160500 RESULT ---------- 20:54:22 --> ***PASS
TEST 160600 SQPG LMATCH FLAGL PATH CHECK
TEST 160600 RESULT ---------- 20:54:23 --> ***PASS
TEST 160605 SQPG LCD LMATCH FLAGL PATH CHECK
TEST 160605 RESULT ---------- 20:54:23 --> ***PASS
TEST 161000 SQPG DFM BOUNDARY CHECK 1

TEST 161000 RESULT ---------- 20:54:24 --> ***PASS
TEST 161010 SQPG DFM BOUNDARY CHECK 2
TEST 161010 RESULT ---------- 20:54:24 --> ***PASS
TEST 161020 SQPG DFM BOUNDARY CHECK 3
TEST 161020 RESULT ---------- 20:54:24 --> ***PASS
TEST 161030 SQPG DFM DONE FLAG MODE CHECK
TEST 161030 RESULT ---------- 20:54:24 --> ***PASS
TEST 161100 SQPG DFM FAIL STORE CHECK 1
TEST 161100 RESULT ---------- 20:54:24 --> ***PASS
TEST 161110 SQPG DFM FAIL STORE CHECK 2
TEST 161110 RESULT ---------- 20:54:25 --> ***PASS
TEST 161115 SQPG LCD DFM FAIL STORE CHECK 2
TEST 161115 RESULT ---------- 20:54:25 --> ***PASS
TEST 161200 SQPG DFM NAVIGATION CHECK 1
TEST 161200 RESULT ---------- 20:54:26 --> ***PASS
TEST 161210 SQPG DFM NAVIGATION CHECK 2
TEST 161210 RESULT ---------- 20:54:26 --> ***PASS
TEST 161215 SQPG LCD DFM NAVIGATION CHECK 2
TEST 161215 RESULT ---------- 20:54:27 --> ***PASS
TEST 161500 SQPG DFM TOFL PARALLEL CHECK
TEST 161500 RESULT ---------- 20:54:28 --> ***PASS
TEST 161505 SQPG LCD DFM TOFL PARALLEL CHECK
TEST 161505 RESULT ---------- 20:54:28 --> ***PASS
TEST 161510 SQPG DFM TOFL PARALLEL AND FAIL CHECK
TEST 161510 RESULT ---------- 20:54:28 --> ***PASS
TEST 161520 SQPG DFM TOFL PARALLEL OR FAIL CHECK
TEST 161520 RESULT ---------- 20:54:29 --> ***PASS
TEST 161530 SQPG DFM TOFL PARALLEL FIRST FAIL CHECK
TEST 161530 RESULT ---------- 20:54:29 --> ***PASS
TEST 162000 SQPG HMATCH FUNCTION CHECK 1
TEST 162000 RESULT ---------- 20:54:30 --> ***PASS
TEST 162010 SQPG HMATCH FUNCTION CHECK 2
TEST 162010 RESULT ---------- 20:54:30 --> ***PASS
TEST 162020 SQPG HMATCH PULSE TRAIN CHECK 1
TEST 162020 RESULT ---------- 20:54:37 --> ***PASS
TEST 162021 SQPG HMATCH PULSE TRAIN CHECK 2

TEST 162021 RESULT ---------- 20:54:43 --> ***PASS
TEST 162100 SQPG LMATCH FUNCTION CHECK 1
TEST 162100 RESULT ---------- 20:54:43 --> ***PASS
TEST 162105 SQPG LCD LMATCH FUNCTION CHECK 1
TEST 162105 RESULT ---------- 20:54:44 --> ***PASS
TEST 162110 SQPG LMATCH FUNCTION CHECK 2
TEST 162110 RESULT ---------- 20:54:44 --> ***PASS
TEST 162120 SQPG LMATCH FUNCTION CHECK 3
TEST 162120 RESULT ---------- 20:54:45 --> ***PASS
TEST 162200 SQPG LMATCH PULSE TRAIN CHECK 1
TEST 162200 RESULT ---------- 20:54:51 --> ***PASS
TEST 162210 SQPG LMATCH PULSE TRAIN CHECK 2
TEST 162210 RESULT ---------- 20:54:57 --> ***PASS
TEST 162500 SQPG MATCH DUT REJECT CHECK 1
TEST 162500 RESULT ---------- 20:54:58 --> ***PASS
TEST 162510 SQPG MATCH DUT REJECT CHECK 2
TEST 162510 RESULT ---------- 20:54:59 --> ***PASS
TEST 162515 SQPG LCD FLAGL PARALLEL CHECK
TEST 162515 RESULT ---------- 20:55:00 --> ***PASS
TEST 162800 SQPG MATCH RATE ERROR CHECK
TEST 162800 RESULT ---------- 20:55:01 --> ***PASS
TEST 163000 SQPG LCD DC FUNCTION CHECK
TEST 163000 RESULT ---------- 20:55:01 --> ***PASS
TEST 163010 SQPG LCD DC ENABLE FUNCTION CHECK
TEST 163010 RESULT ---------- 20:55:02 --> ***PASS
TEST 163020 SQPG LCD DC MASTER MASK FUNCTION CHECK
TEST 163020 RESULT ---------- 20:55:02 --> ***PASS
TEST 163030 SQPG LCD DC CPE ENABLE FUNCTION CHECK
TEST 163030 RESULT ---------- 20:55:03 --> ***PASS
TEST 163040 SQPG LCD DC LA MODE FUNCTION CHECK
TEST 163040 RESULT ---------- 20:55:03 --> ***PASS
TEST 165100 SQPG DFM PARTIAL DUT READ CHECK
TEST 165100 RESULT ---------- 20:55:04 --> ***PASS
TEST 165105 SQPG LCD DFM PARTIAL DUT READ CHECK
TEST 165105 RESULT ---------- 20:55:05 --> ***PASS
TEST 166100 SQPG WAIT OR FAIL CHECK

TEST 166100 RESULT ---------- 20:55:07 --> ***PASS
TEST 180110 AQM REGISTER W/R CHECK
TEST 180110 RESULT ---------- 20:55:07 --> ***PASS
TEST 180130 AQM ACQUISITION MEMORY W/R CHECK
TEST 180130 RESULT ---------- 20:55:19 --> ***PASS
TEST 180140 AQM SCATTER GATHER DMA CHECK
TEST 180140 RESULT ---------- 20:55:21 --> ***PASS
TEST 180200 AQM STATUS CHECK
TEST 180200 RESULT ---------- 20:55:34 --> ***PASS
TEST 180210 AQM TIME OUT CHECK
TEST 180210 RESULT ---------- 20:57:34 --> ***PASS
TEST 180220 AQM ACQUISITION MODE CHECK
TEST 180220 RESULT ---------- 20:57:34 --> ***PASS
TEST 180230 AQM STEP COUNT CHECK
TEST 180230 RESULT ---------- 21:00:01 --> ***PASS
TEST 180240 AQM MUX COUNT CHECK
TEST 180240 RESULT ---------- 21:00:04 --> ***PASS
TEST 180250 AQM AVERAGE COUNT CHECK
TEST 180250 RESULT ---------- 21:01:25 --> ***PASS
TEST 180260 AQM ACQUISITION ENABLE CHECK
TEST 180260 RESULT ---------- 21:01:29 --> ***PASS
TEST 180300 AQM TAG DATA MEMORY W/R CHECK
TEST 180300 RESULT ---------- 21:01:30 --> ***PASS
TEST 180310 AQM CALC RESULT MEMORY W/R CHECK
TEST 180310 RESULT ---------- 21:01:45 --> ***PASS
TEST 180340 AQM INSTRUCTION MEMORY W/R CHECK
TEST 180340 RESULT ---------- 21:01:54 --> ***PASS
TEST 180350 AQM ACQUISITION MEMORY DIAG CHECK
TEST 180350 RESULT ---------- 21:01:55 --> ***PASS
TEST 180360 AQM CALCULATOR MEMORY DIAG CHECK
TEST 180360 RESULT ---------- 21:01:58 --> ***PASS
TEST 180370 AQM LOCAL RAM W/R CHECK
TEST 180370 RESULT ---------- 21:01:59 --> ***PASS
TEST 180380 AQM_CALC_TIMEOUT CHECK
TEST 180380 RESULT ---------- 21:02:00 --> ***PASS
TEST 180400 AQM MCU REGISTER(0-15) W/R CHECK

TEST 180400 RESULT ---------- 21:02:00 --> ***PASS
TEST 180410 AQM RPOGRAM COUNTER CHECK
TEST 180410 RESULT ---------- 21:02:00 --> ***PASS
TEST 180420 AQM MCU INSTRUCTION CHECK
TEST 180420 RESULT ---------- 21:02:00 --> ***PASS
TEST 180430 AQM MCU BUS REGISTER W/R CHECK
TEST 180430 RESULT ---------- 21:02:00 --> ***PASS
TEST 180440 AQM MCU DRAM W/R CHECK
TEST 180440 RESULT ---------- 21:02:00 --> ***PASS
TEST 180450 AQM WORK MEMORY W/R CHECK
TEST 180450 RESULT ---------- 21:02:02 --> ***PASS
TEST 180460 AQM XBUS DATA TRANSFER CHECK
TEST 180460 RESULT ---------- 21:02:59 --> ***PASS
TEST 180470 AQM PCU CHECK
TEST 180470 RESULT ---------- 21:03:04 --> ***PASS
TEST 180520 AQM MCU INTERRUPT CHECK
TEST 180520 RESULT ---------- 21:03:04 --> ***PASS
TEST 180530 AQM MCU STATUS CHECK
TEST 180530 RESULT ---------- 21:03:04 --> ***PASS
TEST 180550 AQM MCU CONTROL CHECK
TEST 180550 RESULT ---------- 21:03:04 --> ***PASS
TEST 180560 AQM MCU BREAK POINT CHECK
TEST 180560 RESULT ---------- 21:03:04 --> ***PASS
TEST 180580 AQM TIMER CHECK
TEST 180580 RESULT ---------- 21:03:04 --> ***PASS
TEST 181010 EVENT NORMAL REGISTER W/R CHECK
TEST 181010 RESULT ---------- 21:03:05 --> ***PASS
TEST 181020 EVENT NORMAL REGISTER RESET CHECK
TEST 181020 RESULT ---------- 21:03:05 --> ***PASS
TEST 181030 EVENT REGISTER W/R CHECK (CHECK BUSY)
TEST 181030 RESULT ---------- 21:03:05 --> ***PASS
TEST 181040 EVENT REGISTER RESET CHECK (CHECK BUSY)
TEST 181040 RESULT ---------- 21:03:08 --> ***PASS
TEST 181050 EVENT CAL CONT REGISTER W/R CHECK
TEST 181050 RESULT ---------- 21:03:08 --> ***PASS
TEST 181060 EVENT REGISTER SETTLING BUSY TIME CHECK

TEST 181060 RESULT ---------- 21:03:08 --> ***PASS
TEST 181070 EVENT ADC CONTROL LINE CHECK
TEST 181070 RESULT ---------- 21:03:08 --> ***PASS
TEST 181080 EVENT ADC AUTO SAMPLING COUNTER CHECK
TEST 181080 RESULT ---------- 21:03:09 --> ***PASS
TEST 181090 EVENT CAL REFERENCE VOLTAGE CHECK
TEST 181090 RESULT ---------- 21:03:10 --> ***PASS
TEST 181100 EVENT CAL LINE CONNECTION CHECK
TEST 181100 RESULT ---------- 21:03:11 --> ***PASS
TEST 181110 EVENT LCD OFFSET VOLTAGE CHECK
TEST 181110 RESULT ---------- 21:03:11 --> ***PASS
TEST 181510 EVENT GREF REGISTER W/R CHECK
TEST 181510 RESULT ---------- 21:03:11 --> ***PASS
TEST 181520 EVENT GREF REGISTER RESET CHECK
TEST 181520 RESULT ---------- 21:03:16 --> ***PASS
TEST 181530 EVENT GREF ADRS/DATA LINE CHECK
TEST 181530 RESULT ---------- 21:03:17 --> ***PASS
TEST 181540 EVENT GREF MEMORY W/R CHECK
TEST 181540 RESULT ---------- 21:03:38 --> ***PASS
TEST 181550 EVENT GREF GINC LINE CHECK
TEST 181550 RESULT ---------- 21:03:38 --> ***PASS
TEST 181560 EVENT GREF CAL LINE CHECK
TEST 181560 RESULT ---------- 21:03:39 --> ***PASS
TEST 181570 EVENT GREF INIT CHECK
TEST 181570 RESULT ---------- 21:04:18 --> ***PASS
TEST 181580 EVENT GREF DC ACCURACY CHECK
TEST 181580 RESULT ---------- 21:04:46 --> ***PASS
TEST 181600 EVENT GREF GINC START/STOP CHECK
TEST 181600 RESULT ---------- 21:04:50 --> ***PASS
TEST 181610 EVENT GREF SERIAL DATA CHECK
TEST 181610 RESULT ---------- 21:04:50 --> ***PASS
TEST 186000 RVS MOUNT CHECK
TEST 186000 RESULT ---------- 21:04:50 --> ***PASS
TEST 186110 RVS PIN DOMAIN REGISTER RESET CHECK
TEST 186110 RESULT ---------- 21:04:50 --> ***PASS
TEST 186115 RVS PIN DOMAIN REGISTER SYSTEM RESET CHECK

TEST 186115 RESULT ---------- 21:04:50 --> ***PASS
TEST 186200 RVS RON/ROF REGISTER READ/WRITE CHECK
TEST 186200 RESULT ---------- 21:04:50 --> ***PASS
TEST 186300 RVS RVS CONT-FPGA REGISTER READ/WRITE CHECK
TEST 186300 RESULT ---------- 21:04:57 --> ***PASS
TEST 186500 RVS RON/ROF TIMER OPERATION TIME CHECK
TEST 186500 RESULT ---------- 21:05:03 --> ***PASS
TEST 186530 RVS BUSY FLAG OPERATION CHECK(EVENT READ)
TEST 186530 RESULT ---------- 21:05:06 --> ***PASS
TEST 186540 RVS PARALLEL TEST CONDITION CHECK
TEST 186540 RESULT ---------- 21:05:06 --> ***PASS
TEST 186550 RVS LIMITER FAIL LINE CHECK
TEST 186550 RESULT ---------- 21:05:07 --> ***PASS
TEST 186560 RVS TOTAL DC / DUT MASK CHECK
TEST 186560 RESULT ---------- 21:05:08 --> ***PASS
TEST 186900 RVS MEASURE REFERENCE RESISTORS
TEST 186900 RESULT ---------- 21:05:10 --> ***PASS
TEST 186910 RVS REFERENCE VOLTAGE INITIALIZE
TEST 186910 RESULT ---------- 21:05:14 --> ***PASS
TEST 186920 RVS VS SUB INITIALIZE
TEST 186920 RESULT ---------- 21:06:06 --> ***PASS
TEST 186930 RVS IM SUB INITIALIZE
TEST 186930 RESULT ---------- 21:06:19 --> ***PASS
TEST 186940 RVS VM SUB INITIALIZE
TEST 186940 RESULT ---------- 21:06:20 --> ***PASS
TEST 186950 RVS CURRENT CLAMP SUB INITIALIZE
TEST 186950 RESULT ---------- 21:06:23 --> ***PASS
TEST 186955 RVS SUB DVM CALIBRATION
TEST 186955 RESULT ---------- 21:06:48 --> ***PASS
TEST 186960 RVS VS PARALLEL INITIALIZE
TEST 186960 RESULT ---------- 21:26:15 --> ***PASS
TEST 186970 RVS IM PARALLEL INITIALIZE
TEST 186970 RESULT ---------- 21:27:11 --> ***PASS
TEST 186980 RVS VM INITIALIZE
TEST 186980 RESULT ---------- 21:27:57 --> ***PASS
TEST 186990 RVS CURRENT CLAMP INITIALIZE

TEST 186990 RESULT ---------- 21:29:12 --> ***PASS
TEST 188000 RVS PB CONNECTION CHECK
TEST 188000 RESULT ---------- 21:29:20 --> ***PASS
TEST 183100 LCD DCM RESET CHECK
TEST 183100 RESULT ---------- 21:29:22 --> ***PASS
TEST 183110 LCD PIN DOMAIN REGISTER RESET CHECK
TEST 183110 RESULT ---------- 21:29:33 --> ***PASS
TEST 183115 LCD PIN DOMAIN REGISTER SYSTEM RESET CHECK
TEST 183115 RESULT ---------- 21:29:45 --> ***PASS
TEST 183120 LCD PIN CONT REGISTER RESET CHECK
TEST 183120 RESULT ---------- 21:29:45 --> ***PASS
TEST 183125 LCD PIN CONT REGISTER SYSTEM RESET CHECK
TEST 183125 RESULT ---------- 21:29:45 --> ***PASS
TEST 183150 LCD PIN DC PARA RESET CHECK
TEST 183150 RESULT ---------- 21:29:45 --> ***PASS
TEST 183300 LCD PIN/CONT REGISTER READ/WRITE CHECK
TEST 183300 RESULT ---------- 21:30:07 --> ***PASS
TEST 183310 LCD OFFSET/GAIN REGISTER READ/WRITE CHECK
TEST 183310 RESULT ---------- 21:30:17 --> ***PASS
TEST 183540 LCD FIFO BUFFER CHECK
TEST 183540 RESULT ---------- 21:30:30 --> ***PASS
TEST 183600 LCD PIN GROUP SETUP OPERATION CHECK
TEST 183600 RESULT ---------- 21:30:33 --> ***PASS
TEST 183610 LCD PIN PARALLEL MODE READ/WRITE CHECK
TEST 183610 RESULT ---------- 21:31:15 --> ***PASS
TEST 183710 PPDC REGISTER RESET CHECK
TEST 183710 RESULT ---------- 21:31:21 --> ***PASS
TEST 183715 PPDC REGISTER SYSTEM RESET CHECK
TEST 183715 RESULT ---------- 21:31:27 --> ***PASS
TEST 183750 PIN DC PARA2 RESET CHECK
TEST 183750 RESULT ---------- 21:31:28 --> ***PASS
TEST 183800 PPDC PIN/CONT REGISTER READ/WRITE CHECK
TEST 183800 RESULT ---------- 21:31:47 --> ***PASS
TEST 183820 PPDC PIN GROUP SETUP OPERATION CHECK
TEST 183820 RESULT ---------- 21:31:47 --> ***PASS
TEST 183830 PPDC PIN PARALLEL MODE READ/WRITE CHECK

TEST 183830 RESULT ---------- 21:31:57 --> ***PASS
TEST 183900 LCD INIT LCD ADJUSTMENT CHECK
TEST 183900 RESULT ---------- 22:01:43 --> ***PASS
TEST 184060 LCD LIMITER FAIL SENSE VOLTAGE CHECK
TEST 184060 RESULT ---------- 22:02:02 --> ***PASS
TEST 184130 LCD PL CURRENT LINEARITY VOLTAGE & RON/ROF CHECK
TEST 184130 RESULT ---------- 22:02:54 --> ***PASS
TEST 184150 LCD PL VT VOLTAGE CHECK
TEST 184150 RESULT ---------- 22:06:25 --> ***PASS
TEST 184200 LCD COMP LINEARITY VOLTAGE CHECK
TEST 184200 RESULT ---------- 22:07:45 --> ***PASS
TEST 184500 LCD TMU FUNCTION CHECK
TEST 184500 RESULT ---------- 22:07:47 --> ***PASS
TEST 185000 LCD DGT SIGNAL LINE CHECK
TEST 185000 RESULT ---------- 22:07:48 --> ***PASS
TEST 185010 LCD AS OFFSET CHECK
TEST 185010 RESULT ---------- 22:07:55 --> ***PASS
TEST 185020 LCD DGT OVER RANGE DETECT CHECK
TEST 185020 RESULT ---------- 22:08:13 --> ***PASS
TEST 185100 LCD DGT GUARANTEE CHECK
TEST 185100 RESULT ---------- 22:10:23 --> ***PASS
TEST 185140 LCD DGT DIFFERENTIAL GUARANTEE CHECK
TEST 185140 RESULT ---------- 22:11:12 --> ***PASS
TEST 185160 LCD DGT CMV GUARANTEE CHECK
TEST 185160 RESULT ---------- 22:15:50 --> ***PASS
TEST 185200 LCD DGT GREF MUX CHECK
TEST 185200 RESULT ---------- 22:15:54 --> ***PASS
TEST 185220 LCD DGT GREF FUNCTION CHECK
TEST 185220 RESULT ---------- 22:16:23 --> ***PASS
TEST 185240 LCD DGT GREF LPF CHECK
TEST 185240 RESULT ---------- 22:16:32 --> ***PASS
TEST 185300 LCD DGT REALTIME CHECK
TEST 185300 RESULT ---------- 22:16:38 --> ***PASS
TEST 185340 LCD DGT SETTLING CHECK
TEST 185340 RESULT ---------- 22:16:46 --> ***PASS
TEST 185430 LCD DGT PIN_INC MODE CHECK

TEST 185430 RESULT ---------- 22:16:48 --> ***PASS
TEST 185440 LCD DGT STEP_INC MODE CHECK
TEST 185440 RESULT ---------- 22:16:49 --> ***PASS
TEST 185450 LCD DGT GREF REALTIME CHECK (NORMAL)
TEST 185450 RESULT ---------- 22:17:40 --> ***PASS
TEST 185460 LCD DGT GREF REALTIME CHECK (DIFFERNCE)
TEST 185460 RESULT ---------- 22:18:43 --> ***PASS
TEST 185600 LCD PPDC VSIM VS ACCURACY CHECK
TEST 185600 RESULT ---------- 22:18:44 --> ***PASS
TEST 185620 LCD PPDC VSIM IM ACCURACY CHECK
TEST 185620 RESULT ---------- 22:20:33 --> ***PASS
TEST 185640 LCD PPDC VSIM IM-CLAMP CHECK
TEST 185640 RESULT ---------- 22:21:05 --> ***PASS
TEST 185680 LCD PPDC ISVM IS ACCURACY CHECK
TEST 185680 RESULT ---------- 22:22:06 --> ***PASS
TEST 185700 LCD PPDC ISVM VM ACCURACY CHECK
TEST 185700 RESULT ---------- 22:22:20 --> ***PASS
TEST 185710 LCD PPDC ISVM VM ACCURACY CHECK2
TEST 185710 RESULT ---------- 22:22:59 --> ***PASS
TEST 185720 LCD PPDC ISVM VM-CLAMP CHECK
TEST 185720 RESULT ---------- 22:23:00 --> ***PASS
TEST 185760 LCD PPDC PARALLEL FUNCTION CHECK
TEST 185760 RESULT ---------- 22:23:59 --> ***PASS
TEST 185780 LCD PPDC VSIM IM SETTLING CHECK
TEST 185780 RESULT ---------- 22:24:03 --> ***PASS
TEST 185800 LCD ON RESISTANCE CHECK
TEST 185800 RESULT ---------- 22:27:06 --> ***PASS
TEST 185810 LCD OFF LEAK CURRENT CHECK
TEST 185810 RESULT ---------- 22:32:32 --> ***PASS
TEST 185820 LCD MAKE TIME CHECK
TEST 185820 RESULT ---------- 22:36:02 --> ***PASS
TEST 185830 LCD BREAK TIME CHECK
TEST 185830 RESULT ---------- 22:41:14 --> ***PASS
TEST 190000 LIDD BOARD STATUS CHECK
TEST 190000 RESULT ---------- 22:41:15 --> ***PASS
TEST 190010 LIDD CONT REGISTER RESET CHECK

TEST 190010 RESULT ---------- 22:41:15 --> ***PASS
TEST 190020 LIDD CONT REGISTER R/W CHECK
TEST 190020 RESULT ---------- 22:41:15 --> ***PASS
TEST 190040 LIDD CHANNEL DOMAIN REGISTER R/W CHECK
TEST 190040 RESULT ---------- 22:41:15 --> ***PASS
TEST 190080 LIDD MEMORY R/W CHECK
TEST 190080 RESULT ---------- 22:41:27 --> ***PASS
TEST 190100 LIDD PARALLEL R/W CHECK
TEST 190100 RESULT ---------- 22:41:27 --> ***PASS
TEST 190200 LIDD RELAY CONTACT CHECK
TEST 190200 RESULT ---------- 22:41:45 --> ***PASS
TEST 190250 LIDD RELAY MASK CHECK
TEST 190250 RESULT ---------- 22:42:06 --> ***PASS
TEST 190300 LIDD VS OUTPUT CHECK
TEST 190300 RESULT ---------- 22:42:11 --> ***PASS
TEST 190350 LIDD IM OUTPUT CHECK
TEST 190350 RESULT ---------- 22:42:23 --> ***PASS
TEST 190400 LIDD IM SETTLING CHECK
TEST 190400 RESULT ---------- 22:42:46 --> ***PASS
TEST 190500 LIDD INIT ADJUSTMENT CHECK
TEST 190500 RESULT ---------- 22:43:47 --> ***PASS
TEST 190600 LIDD IM MEASUREMENT CHECK
TEST 190600 RESULT ---------- 22:44:09 --> ***PASS
TEST 190650 LIDD VS MONITOR MEASUREMENT CHECK
TEST 190650 RESULT ---------- 22:44:34 --> ***PASS
TEST 190700 LIDD SAMPLING TRIG CHECK
TEST 190700 RESULT ---------- 22:46:30 --> ***PASS
TEST 193128 DPU-PG CABLE CONNECTION CHECK
TEST 193128 RESULT ---------- 22:46:30 --> ***PASS
TEST 192000 HSIF BOARD REVISION CHECK
TEST 192000 RESULT ---------- 22:46:30 --> ***PASS
TEST 192010 HSIF REGISTER R/W CHECK
TEST 192010 RESULT ---------- 22:46:31 --> ***PASS
TEST 192020 HSIF REGISTER RESET CHECK
TEST 192020 RESULT ---------- 22:46:33 --> ***PASS
TEST 192030 HSIF REGISTER SYSTEM RESET CHECK

TEST 192030 RESULT ---------- 22:46:36 --> ***PASS
TEST 192050 HSIF FLASH MEMORY CHECK
TEST 192050 RESULT ---------- 22:46:36 --> ***PASS
TEST 192100 HSIF RELAY OFF LEAK CURRENT CHECK
TEST 192100 RESULT ---------- 22:46:46 --> ***PASS
TEST 192110 HSIF DC RELAY CHECK
TEST 192110 RESULT ---------- 22:47:05 --> ***PASS
TEST 192200 HSIF DC INIT ADJUSTMENT CHECK
TEST 192200 RESULT ---------- 22:47:13 --> ***PASS
TEST 192210 HSIF DATA VD INIT ADJUSTMENT CHECK
TEST 192210 RESULT ---------- 22:49:52 --> ***PASS
TEST 192220 HSIF JR PLL PRETUNE INIT ADJUSTMENT CHECK
TEST 192220 RESULT ---------- 22:50:02 --> ***PASS
TEST 192230 HSIF MUX TIMING INIT ADJUSTMENT CHECK
TEST 192230 RESULT ---------- 22:50:40 --> ***PASS
TEST 192240 HSIF DUTY INIT ADJUSTMENT CHECK
TEST 192240 RESULT ---------- 22:50:56 --> ***PASS
TEST 192300 HSIF DR DC VOLTAGE & RON/ROF CHECK
TEST 192300 RESULT ---------- 22:51:26 --> ***PASS
TEST 192310 HSIF DR OUTPUT CURRENT & IMPEDANCE CHECK
TEST 192310 RESULT ---------- 22:51:28 --> ***PASS
TEST 192320 HSIF DIAG CP REFERENCE VOLTAGE CHECK
TEST 192320 RESULT ---------- 22:51:55 --> ***PASS
TEST 192400 HSIF LIMITER FAIL SENSE CHECK
TEST 192400 RESULT ---------- 22:52:01 --> ***PASS
TEST 192410 HSIF LIMITER FAIL/MASK OPERATION CHECK
TEST 192410 RESULT ---------- 22:52:02 --> ***PASS
TEST 192800 HSIF PLL LOCK DETECT CHECK
TEST 192800 RESULT ---------- 22:52:02 --> ***PASS
TEST 192810 HSIF JR PLL FREQUENCY CHECK
TEST 192810 RESULT ---------- 22:52:21 --> ***PASS
TEST 192820 HSIF JI PLL FREQUENCY CHECK
TEST 192820 RESULT ---------- 22:52:40 --> ***PASS
TEST 192830 HSIF TRIGGER OUTPUT CHECK
TEST 192830 RESULT ---------- 22:52:46 --> ***PASS
TEST 192840 HSIF DDS CLK LOCK DETECT CHECK

TEST 192840 RESULT ---------- 22:52:46 --> ***PASS
TEST 192850 HSIF DDS SIGNAL FREQUENCY CHECK
TEST 192850 RESULT ---------- 22:53:51 --> ***PASS
TEST 192860 HSIF DDS SIGNAL LEVEL CHECK
TEST 192860 RESULT ---------- 22:53:59 --> ***PASS
TEST 192900 HSIF DATA VD LINEARITY CHECK
TEST 192900 RESULT ---------- 22:54:14 --> ***PASS
TEST 192910 HSIF MUX FUNCTION CHECK
TEST 192910 RESULT ---------- 22:55:43 --> ***PASS
TEST 192920 HSIF DR DUTY CHECK
TEST 192920 RESULT ---------- 22:55:46 --> ***PASS
TEST 192930 HSIF DR FUNCTION CHECK
TEST 192930 RESULT ---------- 22:56:02 --> ***PASS
TEST 192940 HSIF TIMING SHIFT CHECK
TEST 192940 RESULT ---------- 22:56:02 --> ***PASS
* DIAGNOSIS END AT 2022/11/22 22:56:08
*
SYSTEM RESULT .....>> ***PASS