←[1;1H←[2J

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**        T5588 SYSTEM DIAGNOSTICS                                          **
**        FutureSuite REVISION : 4.08H5                                     **
**        DIAG        REVISION : 1.02B6                                     **
**        SYSTEM ID            : TEST11                                     **
**        START AT             : 2021/10/12 12:54:36                        **
**                                                                          **
**                TEST MODE : MAINTENANCE & PASS PRINT                      **
**                SPEC      : 100.0%                                        **
**                PIN(TH1)  : 1-28,33-56,65-92,97-120,155-160,              **
**                          : 219-224<A1-8>                                 **
**                          : 1-28,33-56,65-92,97-120,155-160,              **
**                          : 219-224<B1-8>                                 **
**                          : 1-28,33-56,65-92,97-120,155-160,              **
**                          : 219-224<C1-8>                                 **
**                          : 1-28,33-56,65-92,97-120,155-160,              **
**                          : 219-224<D1-8>                                 **
**                          : 1-28,33-56,65-92,97-120,155-160,              **
**                          : 219-224<E1-8>                                 **
**                          : 1-28,33-56,65-92,97-120,155-160,              **
**                          : 219-224<F1-8>                                 **
**                          : 1-28,33-56,65-92,97-120,155-160,              **
**                          : 219-224<G1-8>                                 **
**                          : 1-28,33-56,65-92,97-120,155-160,              **
**                          : 219-224<H1-8>                                 **
**                          :                                               **
**                PIN(TH2)  : 1-28,33-56,65-92,97-120,155-160,              **
**                          : 219-224<A1-8>                                 **
**                          : 1-28,33-56,65-92,97-120,155-160,              **
**                          : 219-224<B1-8>                                 **
**                          : 1-28,33-56,65-92,97-120,155-160,              **
**                          : 219-224<C1-8>                                 **
**                          : 1-28,33-56,65-92,97-120,155-160,              **
**                          : 219-224<D1-8>                                 **
**                          : 1-28,33-56,65-92,97-120,155-160,              **
**                          : 219-224<E1-8>                                 **
**                          : 1-28,33-56,65-92,97-120,155-160,              **
**                          : 219-224<F1-8>                                 **
**                          : 1-28,33-56,65-92,97-120,155-160,              **
**                          : 219-224<G1-8>                                 **
**                          : 1-28,33-56,65-92,97-120,155-160,              **
**                          : 219-224<H1-8>                                 **
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**                          :                                    **
**                UNIT      : TP DPU TG ALPG FT FM DBM TH1 TH2          **
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TEST 23010 FT   (  1) FLASH MEMORY VERSION READ CHECK 1            ***PASS
TEST 23011 FT   (  1) FLASH MEMORY VERSION READ CHECK 2            ***PASS
TEST 20000 DPU  (  1) IF W/R                                      ***PASS
TEST 20010 DPU  (  1) DC W/R                                       ***PASS
TEST 20020 DPU  (  1) PS W/R                                      ***PASS
TEST 20030 DPU  (  1) HV W/R                                       ***PASS
TEST 20001 DPU  (  2) IF INITIALIZE RL MEAS                          ***PASS
TEST 20002 DPU  (  3) IF INITIALIZE ADC CAL                          ***PASS
TEST 20003 DPU  (  4) IF INITIALIZE DIAG CP                          ***PASS
TEST 20014 DPU  (  5) DC INITIALIZE VS                              ***PASS
TEST 20015 DPU  (  5) DC INITIALIZE IM                              ***PASS
TEST 20016 DPU  (  5) DC INITIALIZE I_CLP                           ***PASS
TEST 20017 DPU  (  5) DC INITIALIZE IS                              ***PASS
TEST 20018 DPU  (  5) DC INITIALIZE VM                               ***PASS
TEST 20019 DPU  (  5) DC INITIALIZE V_CLP                            ***PASS
TEST 20021 DPU  (  6) PS INITIALIZE RL MEAS                          ***PASS
TEST 20022 DPU  (  7) PS INITIALIZE ADC CAL                          ***PASS
TEST 20024 DPU  (  7) PS INITIALIZE VS                              ***PASS
TEST 20025 DPU  (  7) PS INITIALIZE IM                              ***PASS
TEST 20026 DPU  (  7) PS INITIALIZE I_CLP                           ***PASS
TEST 20028 DPU  (  7) PS INITIALIZE VM                               ***PASS
TEST 20031 DPU  (  8) HV INITIALIZE RL MEAS                            ***PASS
TEST 20032 DPU  (  9) HV INITIALIZE ADC CAL                            ***PASS
TEST 20034 DPU  (  9) HV INITIALIZE VS                              ***PASS
TEST 20035 DPU  (  9) HV INITIALIZE IM                              ***PASS
TEST 20036 DPU  (  9) HV INITIALIZE I_CLP                           ***PASS
TEST 20038 DPU  (  9) HV INITIALIZE VM                               ***PASS
TEST 21010 TG   (  1) MUX  LSI PULSER   ADJUST                         ***PASS
TEST 21011 TG   (  1) MUX  LSI INPUT VD ADJUST                         ***PASS
TEST 23020 FT   (  2) LOGIC LOOP PULSER ADJUST 1                         ***PASS
TEST 23021 FT   (  2) LREFCK PULSER ADJUST 1                           ***PASS
TEST 23022 FT   (  2) TGFC LEVEL SHIFT ADJUST                          ***PASS
TEST 23023 FT   (  2) CHILD VD MEAS                                 ***PASS
TEST 23024 FT   (  2) LOGIC LOOP PULSER ADJUST 2                         ***PASS
TEST 23025 FT   (  2) LREFCK PULSER ADJUST 2                           ***PASS
TEST 23026 FT   (  2) HREF LOOP PULSER ADJUST                            ***PASS
TEST 23027 FT   (  2) HREFCK PULSER ADJUST                             ***PASS
TEST 23028 FT   (  2) TGVD PULSER ADJUST                              ***PASS
TEST 23029 FT   (  2) INTERLEAVE SKEW MEAS                             ***PASS
TEST 23030 FT   (  3) TGVD LINEARITY ADJUST                            ***PASS
```

TEST 23050 VD (5) DISTVD PULSER ADJUST ***PASS
TEST 23051 VD (5) SIGNAL FROM MAINFRAME TO DISTVD ADJUST ***PASS
TEST 23052 VD (5) SIGNAL FROM DISTVD TO FT ADJUST ***PASS
TEST 23053 VD (5) SIGNAL FROM DISTVD TO LINK CONT ADJUST ***PASS
TEST 23054 VD (5) SIGNAL FROM FT TO LINK CONT(1) ADJUST ***PASS
TEST 23055 VD (5) SIGNAL FROM LINK CONT TO FT ADJUST ***PASS
TEST 23057 VD (5) SIGNAL FROM FT TO DISTVD ADJUST ***PASS
TEST 23058 VD (5) SIGNAL FROM DISTVD TO MAINFRAME ADJUST ***PASS
TEST 23059 VD (5) SIGNAL FROM FT TO FT ADJUST ***PASS
TEST 25001 TH (1) DR OFFSET/GAIN ADJUST ***PASS
TEST 25002 TH (2) VT OFFSET/GAIN ADJUST ***PASS
TEST 25003 TH (3) CP OFFSET/GAIN ADJUST ***PASS
TEST 25004 TH (4) PL OFFSET/GAIN ADJUST ***PASS
TEST 10000 TP (1) TP TIMER READ MODIFY WRITE CHECK ***PASS
TEST 10001 TP (1) TP TIMER RESET CHECK ***PASS
TEST 10002 TP (1) TP TIMER START STOP CHECK ***PASS
TEST 10003 TP (1) TP TIMER BUSY STATUS CHECK ***PASS
TEST 10004 TP (1) TP TIMER DONE STATUS CHECK ***PASS
TEST 10005 TP (1) TP TIMER STATUS CLEAR CHECK ***PASS
TEST 10006 TP (1) TP TIMER COUNT CHECK ***PASS
TEST 10007 TP (1) TP TIMER COUNT VALUE CHECK ***PASS
TEST 10008 TP (1) TP 64BIT COUNTER RESET CHECK ***PASS
TEST 10009 TP (1) TP 64BIT COUNTER START STOP CHECK ***PASS
TEST 10010 TP (1) TP 64BIT COUNTER BUSY DONE STATUS CHECK ***PASS
TEST 10011 TP (1) TP 64BIT COUNTER STEP CHECK ***PASS
TEST 10012 TP (1) TP 64BIT COUNTER COUNT VALUE CHECK ***PASS
TEST 15001 TH (20) CONTROL WORD CHECK ***PASS
TEST 15002 TH (20) MCW CHECK ***PASS
TEST 15004 TH (21) VS/VS MASK CHECK ***PASS
TEST 15005 TH (21) PCON/PCON MASK CHECK ***PASS
TEST 15006 TH (22) HGND CHECK ***PASS
TEST 15007 TH (22) SIGNAL PIN CONNECTION CHECK ***PASS
TEST 15008 TH (23) OUTPUT RELAY BREAK CHECK ***PASS
TEST 15009 TH (25) HVPPS VS/VS MASK CHECK ***PASS
TEST 15010 TH (25) HVPPS PCON/PCON MASK CHECK ***PASS
TEST 15012 TH (26) DC LEAK CHECK ***PASS
TEST 30211 DPU (11) DC VS ACCURACY ***PASS
TEST 30212 DPU (12) DC IM ACCURACY ***PASS
TEST 30213 DPU (13) DC IC ACCURACY ***PASS
TEST 30214 DPU (14) DC IS ACCURACY ***PASS
TEST 30215 DPU (15) DC VM ACCURACY ***PASS
TEST 30216 DPU (16) DC VC ACCURACY ***PASS
TEST 30221 DPU (20) PS VS ACCURACY ***PASS
TEST 30222 DPU (21) PS IM ACCURACY ***PASS

TEST 30223 DPU (22) PS IC ACCURACY ***PASS
TEST 30225 DPU (23) PS VM ACCURACY ***PASS
TEST 30231 DPU (30) HV VS ACCURACY ***PASS
TEST 30232 DPU (31) HV IM ACCURACY ***PASS
TEST 30233 DPU (32) HV IC ACCURACY ***PASS
TEST 30235 DPU (33) HV VM ACCURACY ***PASS
TEST 30217 DPU (17) DC DAC LINEARITY ***PASS
TEST 30413 DPU (18) DC IM SETTLING NO_LOAD ***PASS
TEST 30613 DPU (19) DC CLP/GRD ALARM ***PASS
TEST 30423 DPU (24) PS IM SETTLING NO_LOAD ***PASS
TEST 30620 DPU (25) PS CLAMP ALARM ***PASS
TEST 30621 DPU (26) PS GUARD ALARM ***PASS
TEST 30622 DPU (27) PS KELVIN ALARM ***PASS
TEST 30624 DPU (28) PS VM_R ***PASS
TEST 30625 DPU (29) PS PARA_R ***PASS
TEST 30433 DPU (34) HV IM SETTLING NO_LOAD ***PASS
TEST 30630 DPU (35) HV CLAMP ALARM ***PASS
TEST 30631 DPU (36) HV GUARD ALARM ***PASS
TEST 30632 DPU (37) HV KELVIN ALARM ***PASS
TEST 30634 DPU (38) HV VM_R ***PASS
TEST 30635 DPU (39) HV PARA_R ***PASS
TEST 31110 TG (11) TGU RESET CHECK1 ***PASS
TEST 31111 TG (11) TGU RESET CHECK2 ***PASS
TEST 31112 TG (11) REGISTER R/W CHECK1 ***PASS
TEST 31113 TG (11) REGISTER R/W CHECK2 ***PASS
TEST 31114 TG (11) BOARD SUFFIX CHECK ***PASS
TEST 31115 TG (11) RATE MEMORY R/W CHECK1(OFFLINE) ***PASS
TEST 31116 TG (11) RATE MEMORY R/W CHECK2(ONLINE) ***PASS
TEST 31117 TG (11) RATE MEMORY RESET CHECK ***PASS
TEST 31118 TG (11) STRB CLOCK MEMORY R/W CHECK ***PASS
TEST 31119 TG (11) RATE REVISION CHECK ***PASS
TEST 31120 TG (12) DIAG COUNTER SELF COUNT CHECK ***PASS
TEST 31121 TG (12) DIAG COUNTER OVER FLOW CHECK ***PASS
TEST 31122 TG (12) MASTER CLOCK AC CHECK ***PASS
TEST 31123 TG (12) MASTER CLOCK CONTROL COUNTER CHECK ***PASS
TEST 31124 TG (12) LREFCK CONTROL COUNTER CHECK ***PASS
TEST 31125 TG (12) HREFCK CONTROL COUNTER CHECK ***PASS
TEST 31126 TG (12) DUMMY PG STRT/STOP & GATE ON/OFF CHECK ***PASS
TEST 31127 TG (12) DUMMY PG REPEAT MODE CHECK ***PASS
TEST 31128 TG (12) DUMMY PG TS COUNTER CHECK ***PASS
TEST 31129 TG (12) DUMMY PG GATE COUNT CHECK ***PASS
TEST 31130 TG (13) RATE-LREF MODE CHECK ***PASS
TEST 31131 TG (13) RATE-HREF MODE CHECK ***PASS
TEST 31132 TG (13) RATE COUNT MODE CHECK ***PASS

TEST 31133 TG (13) SNR SELECT CHECK ***PASS
TEST 31134 TG (13) SCALER INPUT MUX CHECK ***PASS
TEST 31135 TG (13) CLOCK INHIBIT CHECK ***PASS
TEST 31136 TG (13) TG I/F REMODELING CHECK ***PASS
TEST 31140 TG (14) RATE DATA BIT CHECK ***PASS
TEST 31141 TG (14) RATE DATA ADDER CHECK1 ***PASS
TEST 31142 TG (14) RATE DATA ADDER CHECK2 ***PASS
TEST 31143 TG (14) RATE DATA FIX0 CHECK ***PASS
TEST 31144 TG (14) RATE 2MS OVER CHECK ***PASS
TEST 31145 TG (14) RATE PHASE ACCUMULATOR CHECK1 ***PASS
TEST 31146 TG (14) RATE PHASE ACCUMULATOR CHECK2 ***PASS
TEST 31147 TG (14) RATE PHASE ACCUMULATOR CHECK3 ***PASS
TEST 31150 TG (15) RATE CORE MOVEMENT CHECK(1way) ***PASS
TEST 31151 TG (15) RATE CORE MOVEMENT CHECK(2way) ***PASS
TEST 31152 TG (15) RATE OPEN CHECK ***PASS
TEST 31153 TG (15) RATE CORE COUNTER CHECK ***PASS
TEST 31154 TG (15) RATE 3.75NS/GE7.5NS/CARRY CHECK ***PASS
TEST 31155 TG (15) RATE CORE SIDE CHANGE CHECK ***PASS
TEST 31156 TG (15) RATE CONTINUE CHECK ***PASS
TEST 31157 TG (15) RATE NORMAL GENERATE CHECK ***PASS
TEST 31158 TG (15) RATE RTTC GENERATE CHECK ***PASS
TEST 31159 TG (15) MSTRB GENERATE CHECK-1 ***PASS
TEST 31160 TG (16) SYSTEM DELAY CIRCUIT CHECK1 (RATE/TS) ***PASS
TEST 31161 TG (16) SYSTEM DELAY CIRCUIT CHECK2 (ENDRATE) ***PASS
TEST 31162 TG (16) SYSTEM DELAY CIRCUIT CHECK3 (SNR) ***PASS
TEST 31163 TG (16) SYSTEM DELAY CIRCUIT CHECK4 (SNC) ***PASS
TEST 31164 TG (16) SNC/SNR/PPLS INHIBIT CHECK ***PASS
TEST 31165 TG (16) SNR ADD PULSE CHECK ***PASS
TEST 31170 TG (17) MUXLSI DIAG COUNTER SELF COUNT CHECK ***PASS
TEST 31171 TG (17) MUXLSI DIAG COUNTER OVERFLOW CHECK ***PASS
TEST 31172 TG (17) MUXLSI LOOP MULTIPLEXER/INIT MODE CHECK ***PASS
TEST 31173 TG (17) MUXLSI INPUT CHECK ***PASS
TEST 31174 TG (17) MUXLSI INPUT VD THROUGH CHECK ***PASS
TEST 31180 TG (18) MUXLSI INPUT CYCLE SHIFT CHECK ***PASS
TEST 31181 TG (18) MUXLSI PULSER WIDTH CHECK ***PASS
TEST 31182 TG (18) MUXLSI OUTPUT CHECK ***PASS
TEST 31183 TG (18) MUXLSI OUTPUT VD CHECK ***PASS
TEST 31184 TG (18) MUXLSI OUTPUT CYCLE SHIFT CHECK ***PASS
TEST 31185 TG (18) MUXLSI OUTPUT VD HEATER CONTROL CHECK ***PASS
TEST 31190 TG (19) RATE SIDE CHANGE CHECK5 (TS FROM PG) ***PASS
TEST 31191 TG (19) RATE ASYNCHRONOUS STOP CHECK ***PASS
TEST 31192 TG (19) TS ACCESS CHECK (FROM PG) ***PASS
TEST 31193 TG (19) TS INPUT CHECK (FROM PG) ***PASS
TEST 31194 TG (19) RATE SIDEB GENERATE CHECK ***PASS

TEST 31195 TG (19) MATCH CONTROL CHECK ***PASS
TEST 31196 TG (19) MATCH STRB GENERATE CHECK-2 ***PASS
TEST 31197 TG (19) MATCH,FLASH STRB CLOCK DATA LINE CHECK ***PASS
TEST 31198 TG (19) MATCH,FLASH STRB TG COUNTER CHECK ***PASS
TEST 31199 TG (19) MATCH,FLASH STRB SYSTEM DELAY CHECK ***PASS
TEST 32000 ALPG (1) OBM R/W CHECK ***PASS
TEST 32001 ALPG (1) ALPG REGISTER R/W CHECK ***PASS
TEST 32002 ALPG (1) OBM,OBM-AP,WCS0,WCS1-10,12,XSCRAM R/W CHECK ***PASS
TEST 32003 ALPG (1) IDXR1-8 REGISTER R/W CHECK ***PASS
TEST 32004 ALPG (1) TIMER DATA & MODE REG. CHECK 1 (TMSEL1-2) ***PASS
TEST 32005 ALPG (1) TIMER DATA & MODE REG. CHECK 2 (TMSEL0) ***PASS
TEST 32006 ALPG (1) UNIT SEL FUNCTION CHECK ***PASS
TEST 32007 ALPG (1) ALPG MEMORY SELECT CHECK ***PASS
TEST 32008 ALPG (1) XSCRAM DIVIDE R/W CHECK ***PASS
TEST 32009 ALPG (1) YSCRAM DIVIDE R/W CHECK ***PASS
TEST 32010 ALPG (2) WCS0 R/W CHECK (MARCHING) ***PASS
TEST 32011 ALPG (2) WCS1-10 R/W CHECK (MARCHING) ***PASS
TEST 32012 ALPG (2) X PRE-SCRAM R/W CHECK (MARCHING) ***PASS
TEST 32013 ALPG (2) Y PRE-SCRAM R/W CHECK (MARCHING) ***PASS
TEST 32014 ALPG (2) XSCRAM R/W CHECK (MARCHING) ***PASS
TEST 32015 ALPG (2) YSCRAM R/W CHECK (MARCHING) ***PASS
TEST 32016 ALPG (2) ARIRAM R/W CHECK (MARCHING) ***PASS
TEST 32018 ALPG (2) CBM1 R/W CHECK (MARCHING) ***PASS
TEST 32019 ALPG (2) CBM2 R/W CHECK (MARCHING) ***PASS
TEST 32020 ALPG (3) WCS12 R/W CHECK (MARCHING) ***PASS
TEST 32021 ALPG (3) WCS13 R/W CHECK (MARCHING) ***PASS
TEST 32022 ALPG (3) WCS0 INST. MEM R/W CHECK (MARCHING) ***PASS
TEST 32023 ALPG (3) IDXLR1-16 R/W CHECK 1 ***PASS
TEST 32024 ALPG (3) IDXLR1-16 R/W CHECK 2 ***PASS
TEST 32025 ALPG (3) YSCRAM DIVIDE 2 R/W CHECK ***PASS
TEST 32026 ALPG (3) ALPG MEMORY BURST WRITE CHECK 1 ***PASS
TEST 32027 ALPG (3) ALPG MEMORY BURST WRITE CHECK 2 ***PASS
TEST 32030 ALPG (4) TBRST(TESTER BUS RESET) CHECK ***PASS
TEST 32031 ALPG (4) PG RESET(CONTROL REG.) CHECK ***PASS
TEST 32050 ALPG (5) UNIVERSAL COUNTER CLEAR CHECK ***PASS
TEST 32052 ALPG (5) UNIVERSAL COUNTER REAL-TIME CHECK ***PASS
TEST 32053 ALPG (5) STA(START PC) REG. BIT CHECK ***PASS
TEST 32054 ALPG (5) PG STOP CHECK ***PASS
TEST 32055 ALPG (5) PG RESET CHECK ***PASS
TEST 32060 ALPG (6) PC NOP INSTRUCTION CHECK ***PASS
TEST 32061 ALPG (6) PC JMP INSTRUCTION CHECK ***PASS
TEST 32062 ALPG (6) PC IDXI1 INSTRUCTION CHECK ***PASS
TEST 32063 ALPG (6) PC STPS INSTRUCTION CHECK (PASS FLAG) ***PASS
TEST 32064 ALPG (6) PC STFL INSTRUCTION CHECK (FAIL FLAG) ***PASS

TEST 32065 ALPG (6) CLKM LINE CHECK ***PASS
TEST 32070 ALPG (7) PC LINE CHECK 1 (IPC OUT) ***PASS
TEST 32071 ALPG (7) PC LINE CHECK 2 (EPC OUT) ***PASS
TEST 32072 ALPG (7) PC LINE CHECK 3 (IPC DIST) ***PASS
TEST 32073 ALPG (7) PC LINE CHECK 4 (EPC DIST) ***PASS
TEST 32080 ALPG (8) TG CONTROL SIGNAL PIPE-LINE CHECK ***PASS
TEST 32100 ALPG (11) PC NOP/JMP CHECK ***PASS
TEST 32101 ALPG (11) PC NOP/RTN CHECK ***PASS
TEST 32102 ALPG (11) PC JMP/RTN CHECK ***PASS
TEST 32103 ALPG (11) PC JSR/RTN INSTRUCTION CHECK ***PASS
TEST 32104 ALPG (11) PC SUBROUTINE STACK BIT CHECK ***PASS
TEST 32105 ALPG (11) PC STACK OVER/UNDER ERROR CHECK ***PASS
TEST 32106 ALPG (11) PC IDXI1-8 INSTRUCTION CHECK ***PASS
TEST 32107 ALPG (11) PC STI1-8 INSTRUCTION CHECK ***PASS
TEST 32108 ALPG (11) PC LDI1-8 INSTRUCTION CHECK 1 ***PASS
TEST 32109 ALPG (11) PC LDI1-8 INSTRUCTION CHECK 2 ***PASS
TEST 32110 ALPG (12) PC JNI1-8 INSTRUCTION CHECK 1 ***PASS
TEST 32111 ALPG (12) PC JNI1-8 INSTRUCTION CHECK 2 ***PASS
TEST 32112 ALPG (12) PC JNI1-8 INSTRUCTION CHECK(ZERO FLAG) 3 ***PASS
TEST 32113 ALPG (12) PC JNC1-8 INSTRUCTION CHECK ***PASS
TEST 32114 ALPG (12) PC JNC9-16 INSTRUCTION CHECK ***PASS
TEST 32115 ALPG (12) PC STISP INSTRUCTION CHECK ***PASS
TEST 32120 ALPG (13) PC JZD INSTRUCTION CHECK ***PASS
TEST 32121 ALPG (13) PC WAIT INSTRUCTION CHECK ***PASS
TEST 32122 ALPG (13) PC OUT INSTRUCTION CHECK ***PASS
TEST 32123 ALPG (13) PC STPS INSTRUCTION CHECK ***PASS
TEST 32124 ALPG (13) PC STFL INSTRUCTION CHECK ***PASS
TEST 32125 ALPG (13) PC T,TM1,TM2 INSTRUCTION CHECK ***PASS
TEST 32126 ALPG (13) CDB PC SYNC SIGNAL CHECK ***PASS
TEST 32130 ALPG (14) PC INSTRUCTION COMBINATION CHECK 1 ***PASS
TEST 32131 ALPG (14) PC INSTRUCTION COMBINATION CHECK 2 ***PASS
TEST 32132 ALPG (14) PC IDX1-8 DATA LOAD TIMING CHECK ***PASS
TEST 32133 ALPG (14) PC IDXR1-8 DATA READ TIMING CHECK ***PASS
TEST 32134 ALPG (14) PC INSTRUCTION COMBINATION CHECK 3 ***PASS
TEST 32140 ALPG (15) PC TRACE MODE INSTRUCTION CHECK (T,OUT,WAIT) ***PASS
TEST 32141 ALPG (15) PC TRACE MODE INSTRUCTION CHECK (JET) ***PASS
TEST 32142 ALPG (15) PC TRACE MODE INSTRUCTION CHECK (FLAG INST) ***PASS
TEST 32150 ALPG (16) PC EPC GENERATION BIT CHECK ***PASS
TEST 32151 ALPG (16) PC EPC GENERATION CHECK (COMBINATION) ***PASS
TEST 32152 ALPG (16) PC EPC TRACE MODE CHECK ***PASS
TEST 32160 ALPG (17) PC EPC GENERATION & INTERRAPT(1) ***PASS
TEST 32161 ALPG (17) PC EPC GENERATION & INTERRAPT(2) ***PASS
TEST 32200 ALPG (21) AGEN SET INSTRUCTION CHECK 1 ***PASS
TEST 32201 ALPG (21) AGEN SET INSTRUCTION CHECK 2 ***PASS

TEST 32202 ALPG (21) AGEN XT FUNCTION CHECK ***PASS
TEST 32203 ALPG (21) AGEN YT FUNCTION CHECK ***PASS
TEST 32204 ALPG (21) AGEN XB INSTRUCTION CHECK ***PASS
TEST 32205 ALPG (21) AGEN YB INSTRUCTION CHECK ***PASS
TEST 32210 ALPG (22) AGEN D3 INSTRUCTION CHECK ***PASS
TEST 32211 ALPG (22) AGEN D4 INSTRUCTION CHECK ***PASS
TEST 32212 ALPG (22) AGEN D3 D4 LINK CHECK ***PASS
TEST 32213 ALPG (22) AGEN X-ALU SOURCE A FIELD CHECK ***PASS
TEST 32214 ALPG (22) AGEN Y-ALU SOURCE A FIELD CHECK ***PASS
TEST 32215 ALPG (22) AGEN X-ALU SOURCE B FIELD CHECK ***PASS
TEST 32216 ALPG (22) AGEN Y-ALU SOURCE B FIELD CHECK ***PASS
TEST 32220 ALPG (23) AGEN X-ALU OPERATION FIELD CHECK ***PASS
TEST 32221 ALPG (23) AGEN Y-ALU OPERATION FIELD CHECK ***PASS
TEST 32222 ALPG (23) AGEN Y-ALU OPERATION FIELD LINK CHECK 1 ***PASS
TEST 32223 ALPG (23) AGEN Y-ALU OPERATION FIELD LINK CHECK 2 ***PASS
TEST 32224 ALPG (23) AGEN Y-ALU OPERATION FIELD LINK CHECK 3 ***PASS
TEST 32225 ALPG (23) AGEN Y-ALU OPERATION FIELD LINK CHECK 4 ***PASS
TEST 32226 ALPG (23) AGEN X-ALU DESTINATION FIELD CHECK ***PASS
TEST 32227 ALPG (23) AGEN Y-ALU DESTINATION FIELD CHECK ***PASS
TEST 32230 ALPG (24) AGEN X-OUT(L<(XC,XB,XS,XK)) DATA MUX CHECK ***PASS
TEST 32231 ALPG (24) AGEN Y-OUT(H<(YC,YB,YS,YK)) DATA MUX CHECK ***PASS
TEST 32232 ALPG (24) AGEN XB CARRY CHECK ***PASS
TEST 32233 ALPG (24) AGEN XC CARRY CHECK ***PASS
TEST 32234 ALPG (24) AGEN YB CARRY CHECK ***PASS
TEST 32235 ALPG (24) AGEN YC CARRY CHECK ***PASS
TEST 32236 ALPG (24) AGEN LMAX <> HMAX CHECK ***PASS
TEST 32237 ALPG (24) AGEN RF COUNTER CHECK ***PASS
TEST 32240 ALPG (25) AGEN Z INSTRUCTION CHECK ***PASS
TEST 32241 ALPG (25) AGEN Z INSTRUCTION CHECK (LINK CHECK-1) ***PASS
TEST 32242 ALPG (25) AGEN Z INSTRUCTION CHECK (LINK CHECK-2) ***PASS
TEST 32243 ALPG (25) AGEN N INSTRUCTION CHECK ***PASS
TEST 32244 ALPG (25) AGEN X MUX CHECK ***PASS
TEST 32245 ALPG (25) AGEN Y MUX CHECK ***PASS
TEST 32246 ALPG (25) AGEN /X INSTRUCTION CHECK ***PASS
TEST 32247 ALPG (25) AGEN /Y INSTRUCTION CHECK ***PASS
TEST 32248 ALPG (25) AGEN /Z INSTRUCTION CHECK ***PASS
TEST 32250 ALPG (26) AGEN XMAX MASK CHECK ***PASS
TEST 32251 ALPG (26) AGEN YMAX MASK CHECK ***PASS
TEST 32252 ALPG (26) AGEN ZMAX MASK CHECK ***PASS
TEST 32253 ALPG (26) AGEN X-Z MUX CHECK ***PASS
TEST 32254 ALPG (26) AGEN Y-Z MUX CHECK ***PASS
TEST 32255 ALPG (26) AGEN X-N MUX CHECK ***PASS
TEST 32256 ALPG (26) AGEN Y-N MUX CHECK ***PASS
TEST 32257 ALPG (26) AGEN X-B MUX CHECK ***PASS

TEST 32258 ALPG (26) AGEN Y-B MUX CHECK ***PASS
TEST 32259 ALPG (26) AGEN RF COUNTER MUX CHECK ***PASS
TEST 32260 ALPG (27) AGEN X OFFSET ADDRESS ADDER CHECK ***PASS
TEST 32261 ALPG (27) AGEN Y OFFSET ADDRESS ADDER CHECK ***PASS
TEST 32262 ALPG (27) AGEN ND1-7 LOAD FUNCTION CHECK ***PASS
TEST 32263 ALPG (27) AGEN BD1-7 LOAD FUNCTION CHECK ***PASS
TEST 32264 ALPG (27) AGEN D1A-H SELECT CHECK ***PASS
TEST 32265 ALPG (27) AGEN D2A-D SELECT CHECK ***PASS
TEST 32266 ALPG (27) AGEN LOAD D1/D2 INTO XB BIT CHECK ***PASS
TEST 32267 ALPG (27) AGEN LOAD D1/D2 INTO YB BIT CHECK ***PASS
TEST 32270 ALPG (28) AGEN ILM-SET INSTRUCTION CHECK ***PASS
TEST 32271 ALPG (28) AGEN XB EX-INSTRUCTION CHECK ***PASS
TEST 32272 ALPG (28) AGEN YB EX-INSTRUCTION CHECK ***PASS
TEST 32273 ALPG (28) AGEN D3 EX-INSTRUCTION CHECK ***PASS
TEST 32274 ALPG (28) AGEN D4 EX-INSTRUCTION CHECK ***PASS
TEST 32275 ALPG (28) AGEN XC EX-INSTRUCTION CHECK 1 ***PASS
TEST 32276 ALPG (28) AGEN YC EX-INSTRUCTION CHECK 1 ***PASS
TEST 32277 ALPG (28) AGEN XC EX-INSTRUCTION CHECK 2 ***PASS
TEST 32278 ALPG (28) AGEN YC EX-INSTRUCTION CHECK 2 ***PASS
TEST 32280 ALPG (29) AGEN ILM XB CARRY CHECK ***PASS
TEST 32281 ALPG (29) AGEN ILM XC CARRY CHECK ***PASS
TEST 32282 ALPG (29) AGEN ILM YB CARRY CHECK ***PASS
TEST 32283 ALPG (29) AGEN ILM YC CARRY CHECK ***PASS
TEST 32284 ALPG (29) AGEN Z EX-INSTRUCTION CHECK ***PASS
TEST 32285 ALPG (29) AGEN N EX-INSTRUCTION CHECK ***PASS
TEST 32286 ALPG (29) AGEN PSCROFF/SCROFF OUTPUT CHECK ***PASS
TEST 32287 ALPG (29) AGEN B INSTRUCTION CHECK 1 ***PASS
TEST 32288 ALPG (29) AGEN B INSTRUCTION CHECK 2 ***PASS
TEST 32300 ALPG (31) PRESCRAM FORMAT REG R/W CHECK ***PASS
TEST 32301 ALPG (31) PREXSCRAM ADDRESS SELECT FUNCTION CHECK ***PASS
TEST 32302 ALPG (31) PREYSCRAM ADDRESS SELECT FUNCTION CHECK ***PASS
TEST 32303 ALPG (31) PREXSCRAM MULTIPLEX CHECK ***PASS
TEST 32304 ALPG (31) PREYSCRAM MULTIPLEX CHECK ***PASS
TEST 32305 ALPG (31) PREXSCRAM CONVERSION CHECK ***PASS
TEST 32306 ALPG (31) PREYSCRAM CONVERSION CHECK ***PASS
TEST 32307 ALPG (31) PRESCRAM P.S.MODE X ADDRESS ON/OFF CHECK ***PASS
TEST 32308 ALPG (31) PRESCRAM P.S.MODE Y ADDRESS ON/OFF CHECK ***PASS
TEST 32310 ALPG (32) PRESCRAM P.S.CONT REG ON/OFF CHECK ***PASS
TEST 32311 ALPG (32) PRESCRAM Y PLUS Z FUNCTION CHECK ***PASS
TEST 32312 ALPG (32) PRESCRAM Y XOR Z FUNCTION CHECK ***PASS
TEST 32313 ALPG (32) PRESCRAM P.S.MODE SELECT CHECK ***PASS
TEST 32314 ALPG (32) PRESCRAM DDR Y BURST FUNCTION CHECK ***PASS
TEST 32315 ALPG (32) PRESCRAM Z FORM CHECK ***PASS
TEST 32320 ALPG (33) PRESCRAM XRF WRITE BA SEL R/W CHECK ***PASS

TEST 32321 ALPG (33) PRESCRAM XRF READ BA SEL R/W CHECK ***PASS
TEST 32322 ALPG (33) PRESCRAM XRF ADDRESS SELECT CHECK ***PASS
TEST 32323 ALPG (33) PRESCRAM XRF REAL TIME ADDRESS CHECK ***PASS
TEST 32324 ALPG (33) PRESCRAM XRF REAL TIME DATA CHECK ***PASS
TEST 32325 ALPG (33) PRESCRAM XRF REAL TIME LINE CHECK(PX) ***PASS
TEST 32326 ALPG (33) PRESCRAM XRF REAL TIME LINE CHECK(DX) ***PASS
TEST 32327 ALPG (33) PRESCRAM XRF REAL TIME LINE CHECK(FX) ***PASS
TEST 32328 ALPG (33) PRESCRAM XRF PRESCRAM ENABLE X LINE CHECK ***PASS
TEST 32329 ALPG (33) PRESCRAM XRF PRESCRAM ENABLE Y LINE CHECK ***PASS
TEST 32330 ALPG (34) PRESCRAM XRF REALTIME ALL R/W CHECK ***PASS
TEST 32331 ALPG (34) PRESCRAM P.S.MODE ADDRESS ON/OFF CHECK ***PASS
TEST 32340 ALPG (35) SCRAM FORMAT REG R/W CHECK ***PASS
TEST 32341 ALPG (35) SCRAM XSCRAM ADDRESS SELECT CHECK ***PASS
TEST 32342 ALPG (35) SCRAM YSCRAM ADDRESS SELECT CHECK ***PASS
TEST 32343 ALPG (35) SCRAM XSCRAM MULTIPLEX CHECK (PX0-17) ***PASS
TEST 32344 ALPG (35) SCRAM YSCRAM MULTIPLEX CHECK (PY0-17) ***PASS
TEST 32345 ALPG (35) SCRAM XSCRAM CONVERSION CHECK ***PASS
TEST 32346 ALPG (35) SCRAM YSCRAM CONVERSION CHECK ***PASS
TEST 32350 ALPG (36) SCRAM XWINDOW FUNCTION CHECK ***PASS
TEST 32351 ALPG (36) SCRAM YWINDOW FUNCTION CHECK ***PASS
TEST 32352 ALPG (36) SCRAM WINDOW MODE FUNCTION CHECK ***PASS
TEST 32360 ALPG (37) SCRAM XSYNC MODE FUNCTION CHECK ***PASS
TEST 32361 ALPG (37) SCRAM YSYNC MODE FUNCTION CHECK ***PASS
TEST 32362 ALPG (37) SCRAM SYNC MODE FUNCTION CHECK ***PASS
TEST 32370 ALPG (38) SCRAM PDS ADDRESS ACCESS CHECK 1 (PX,PY) ***PASS
TEST 32371 ALPG (38) SCRAM FM ADDRESS ACCESS CHECK 1 (FX,FY) ***PASS
TEST 32372 ALPG (38) SCRAM PDS ADDRESS ACCESS CHECK 2 (PX,PY) ***PASS
TEST 32373 ALPG (38) SCRAM FM ADDRESS ACCESS CHECK 2 (FX,FY) ***PASS
TEST 32374 ALPG (38) SCRAM DIVIDE MODE FUNCTION CHECK (PX,PY) ***PASS
TEST 32375 ALPG (38) SCRAM DIVIDE MODE FUNCTION CHECK (FX,FY) ***PASS
TEST 32376 ALPG (38) SCRAM X ADDRESS CYCLE SHIFT FUNCTION CHECK ***PASS
TEST 32377 ALPG (38) SCRAM Y ADDRESS CYCLE SHIFT FUNCTION CHECK ***PASS
TEST 32380 ALPG (39) XSCRAM MULTIPLEX CHECK (FX0-17) ***PASS
TEST 32381 ALPG (39) YSCRAM MULTIPLEX CHECK (FY0-17) ***PASS
TEST 32382 ALPG (39) PRESCRAM REAL TIME ON/OFF CHECK ***PASS
TEST 32383 ALPG (39) SCRAM REAL TIME ON/OFF CHECK (PX PY) ***PASS
TEST 32384 ALPG (39) SCRAM REAL TIME ON/OFF CHECK (FX FY) ***PASS
TEST 32385 ALPG (39) XSCRAM CONVERSION CHECK (FX0-17) ***PASS
TEST 32386 ALPG (39) YSCRAM CONVERSION CHECK (FY0-17) ***PASS
TEST 32390 ALPG (40) SCRAM DIVIDE MODE 2 CHECK 1 ***PASS
TEST 32391 ALPG (40) SCRAM DIVIDE MODE 2 CHECK 2 ***PASS
TEST 32392 ALPG (40) SCRAM DIVIDE MODE 3 CHECK 1 ***PASS
TEST 32393 ALPG (40) SCRAM DIVIDE MODE 3 CHECK 2 ***PASS
TEST 32394 ALPG (40) SCRAM CONT REG ON/OFF CHECK ***PASS

TEST 32400 ALPG (41) DGEN SET INSTRUCTION CHECK 1 ***PASS
TEST 32401 ALPG (41) DGEN SET INSTRUCTION CHECK 2 ***PASS
TEST 32402 ALPG (41) DGEN TP1 REGISTER FUNCTION CHECK ***PASS
TEST 32403 ALPG (41) DGEN TP2 REGISTER FUNCTION CHECK ***PASS
TEST 32404 ALPG (41) DGEN /D1 & DCMR1 FUNCTION CHECK ***PASS
TEST 32405 ALPG (41) DGEN /D2 & DCMR2 FUNCTION CHECK ***PASS
TEST 32406 ALPG (41) DGEN DATA HOLD INSTRUCTION(PD) CHECK ***PASS
TEST 32407 ALPG (41) DGEN DATA PARITY MODE CHECK ***PASS
TEST 32408 ALPG (41) DGEN FP5(FP3 WITH XMAX&YMAX) FUNCTION CHECK ***PASS
TEST 32409 ALPG (41) DGEN FP6(FP4 WITH XMAX&YMAX) FUNCTION CHECK ***PASS
TEST 32410 ALPG (42) DGEN DSD,RCD,CCD REG FUNCTION CHECK ***PASS
TEST 32411 ALPG (42) DGEN FP0 FUNCTION CHECK ***PASS
TEST 32412 ALPG (42) DGEN FP1(X0.XOR.Y0) FUNCTION CHECK ***PASS
TEST 32413 ALPG (42) DGEN FP3(X=Y+DSD) FUNCTION CHECK ***PASS
TEST 32414 ALPG (42) DGEN FP4(X=/(Y+DSD)) FUNCTION CHECK ***PASS
TEST 32415 ALPG (42) DGEN FP7(MASK PARITY) FUNCTION CHECK ***PASS
TEST 32416 ALPG (42) DGEN FP8(X=RCD) FUNCTION CHECK ***PASS
TEST 32417 ALPG (42) DGEN FP9(Y=CCD) FUNCTION CHECK ***PASS
TEST 32418 ALPG (42) DGEN FP10(X=RCD.AND.Y=CCD) FUNCTION CHECK ***PASS
TEST 32419 ALPG (42) DGEN FP FUNCTION DATA CHECK ***PASS
TEST 32420 ALPG (43) DGEN ARIRAM ADDRESS FORMAT REG R/W CHECK ***PASS
TEST 32421 ALPG (43) DGEN ARIRAM ADDRESS SELECT FUNCTION CHECK ***PASS
TEST 32422 ALPG (43) DGEN ARIRAM DATA INVERT CHECK ***PASS
TEST 32423 ALPG (43) DGEN ARIRAM DATA BIT CHECK ***PASS
TEST 32424 ALPG (43) DGEN ARIRAM SIGNAL HOLD CHECK ***PASS
TEST 32425 ALPG (43) DGEN ARIRAM INVERT REAL TIME INHIBIT CHECK ***PASS
TEST 32426 ALPG (43) DGEN ARIRAM B DATA BIT CHECK ***PASS
TEST 32427 ALPG (43) DGEN ARIRAM DBFORM SELECT CHECK 1 ***PASS
TEST 32428 ALPG (43) DGEN ARIRAM DBFORM SELECT CHECK 2 ***PASS
TEST 32429 ALPG (43) DGEN ARIRAM DBFORM SELECT CHECK 3 ***PASS
TEST 32430 ALPG (44) DGEN TPEOR FUNCTION CHECK ***PASS
TEST 32431 ALPG (44) DGEN DSC FUNCTION CHECK ***PASS
TEST 32432 ALPG (44) DGEN CBMAP FUNCTION CHECK ***PASS
TEST 32433 ALPG (44) DGEN DSYNC FUNCTION CHECK ***PASS
TEST 32434 ALPG (44) DGEN DCF FUNCTION CHECK ***PASS
TEST 32435 ALPG (44) DGEN DSEL(TP1/2/EOR) FUNCTION CHECK ***PASS
TEST 32436 ALPG (44) DGEN TPS1 FUNCTION CHECK ***PASS
TEST 32437 ALPG (44) DGEN TPS2 FUNCTION CHECK ***PASS
TEST 32440 ALPG (45) DGEN TP1 EX-INSTRUCTION CHECK 1 ***PASS
TEST 32441 ALPG (45) DGEN TP2 EX-INSTRUCTION CHECK 1 ***PASS
TEST 32442 ALPG (45) DGEN TP1 EX-INSTRUCTION CHECK 2 ***PASS
TEST 32443 ALPG (45) DGEN TP2 EX-INSTRUCTION CHECK 2 ***PASS
TEST 32444 ALPG (45) DGEN CBMAP EX-INSTRUCTION CHECK ***PASS
TEST 32450 ALPG (46) DGEN BWPE BD/CD/MD RF R/W CHECK ***PASS

TEST 32451 ALPG (46) DGEN BWPE ADDRESS SEL R/W CHECK ***PASS
TEST 32452 ALPG (46) DGEN BWPE ADDRESS SEL FUNCTION CHECK ***PASS
TEST 32453 ALPG (46) DGEN BWPE BD/CD/MD REAL-TIME WRITE CHECK ***PASS
TEST 32454 ALPG (46) DGEN BWPE BD/CD/MD REAL-TIME READ CHECK ***PASS
TEST 32455 ALPG (46) DGEN BWPE BD EMULATION CHECK ***PASS
TEST 32456 ALPG (46) DGEN BWPE CD EMULATION CHECK ***PASS
TEST 32457 ALPG (46) DGEN BWPE MD EMULATION CHECK ***PASS
TEST 32458 ALPG (46) DGEN BWPE TP1 EMULATION CHECK ***PASS
TEST 32459 ALPG (46) DGEN BWPE TP2 EMULATION CHECK ***PASS
TEST 32460 ALPG (47) DGEN FP FUNCTION DATA INVERT CHECK 2 ***PASS
TEST 32461 ALPG (47) DGEN DBFORM DA/DB OUT CHECK ***PASS
TEST 32462 ALPG (47) DGEN BWPE MASKOUT CHECK ***PASS
TEST 32463 ALPG (47) DGEN FP MODE REG CHECK ***PASS
TEST 32464 ALPG (47) DGEN DATA DELAY CHECK 1(TP1) ***PASS
TEST 32465 ALPG (47) DGEN DATA DELAY CHECK 2(ARI) ***PASS
TEST 32466 ALPG (47) DGEN DATA DELAY CHECK 3(DSC/DFC1) ***PASS
TEST 32467 ALPG (47) DGEN DATA DELAY CHECK 4(TP2/MDR) ***PASS
TEST 32468 ALPG (47) DGEN DATA DELAY CHECK 5(DFC2) ***PASS
TEST 32470 ALPG (48) DGEN BYTE MASK CHECK ***PASS
TEST 32471 ALPG (48) DGEN BYTE MASK MD SELECT CHECK 1 ***PASS
TEST 32472 ALPG (48) DGEN BYTE MASK MD SELECT CHECK 2 ***PASS
TEST 32473 ALPG (48) DGEN BYTE MASK SEL R/W CHECK ***PASS
TEST 32474 ALPG (48) DGEN BYTE MASK BMS SELECT CHECK ***PASS
TEST 32475 ALPG (48) DGEN BYTE MASK ADDRESS SELECT CHECK ***PASS
TEST 32476 ALPG (48) DGEN BYTE MASK X18 TP1 SELECT CHECK ***PASS
TEST 32480 ALPG (49) DGEN CBMA/CBMB DATA OUTPUT CHECK ***PASS
TEST 32481 ALPG (49) DGEN DA/DB DATA OUTPUT CHECK ***PASS
TEST 32482 ALPG (49) DGEN DA/DB DATA SELECT CHECK ***PASS
TEST 32483 ALPG (49) DGEN DSC OUTPUT CHECK ***PASS
TEST 32484 ALPG (49) DGEN DCF OUTPUT CHECK ***PASS
TEST 32485 ALPG (49) DGEN ARI DATA OUTPUT CHECK ***PASS
TEST 32486 ALPG (49) DGEN ARI SIGNAL HOLD CHECK ***PASS
TEST 32487 ALPG (49) DGEN ARI CONTROL REAL-TIME INHIBIT CHECK ***PASS
TEST 32510 ALPG (52) CDB TS0-3 OUTPUT CHECK ***PASS
TEST 32511 ALPG (52) CDB TS SYNC SELECT CHECK ***PASS
TEST 32512 ALPG (52) CDB FM CONTROL SIGNAL OUTPUT CHECK ***PASS
TEST 32513 ALPG (52) CDB MUT SYNC SIGNAL SELECT CHECK ***PASS
TEST 32514 ALPG (52) CDB MUT CONTROL BIT OUTPUT CHECK ***PASS
TEST 32515 ALPG (52) CDB PPS CONTROL SIGNAL SELECT CHECK ***PASS
TEST 32516 ALPG (52) CDB PC SIGNAL OUTPUT CHECK ***PASS
TEST 32520 ALPG (53) CDB PREF FUNCTION CHECK ***PASS
TEST 32521 ALPG (53) CDB CPE1-4,DRE1-2,RINV BIT CHECK ***PASS
TEST 32522 ALPG (53) CDB CPE1-4,DRE1-2,RINV SELECT CHECK ***PASS
TEST 32524 ALPG (53) CDB SYNC SELECT CHECK ***PASS

TEST 32600 ALPG (61) UNIVERSAL COUNTER CHECK (PATTERN COUNT MODE) ***PASS
TEST 32601 ALPG (61) UNIVERSAL COUNTER CHECK (SYNC COUNT MODE) ***PASS
TEST 32602 ALPG (61) UNIVERSAL COUNTER CHECK (FAIL COUNT MODE) ***PASS
TEST 32603 ALPG (61) UNIVERSAL COUNTER 2 CARRY COUNT CHECK ***PASS
TEST 32604 ALPG (61) FAIL TRIGGER OUTPUT CHECK ***PASS
TEST 32605 ALPG (61) STATE TRIGGER OUTPUT CHECK ***PASS
TEST 32606 ALPG (61) TIMER1(GENERAL TIMER) FULL COUNT CHECK ***PASS
TEST 32607 ALPG (61) TIMER2(PAUSE TIMER) CHECK (FULL BIT CHECK) ***PASS
TEST 32608 ALPG (61) TIMER1(GENERAL TIMER 100NS) FULL COUNT CHECK ***PASS
TEST 32610 ALPG (62) TIMER OPERATION CHECK 1 (TIMER DATA=#1) ***PASS
TEST 32611 ALPG (62) TIMER OPERATION CHECK 2 (FIRST PATTERN) ***PASS
TEST 32613 ALPG (62) TIMER CHECK (JET INSTRUCTION CHECK) ***PASS
TEST 32615 ALPG (62) TIMER REFRESH-A MODE CHECK (T START & RESTART) ***PASS
TEST 32616 ALPG (62) TIMER REFRESH-B MODE CHECK (T START & RESTART) ***PASS
TEST 32617 ALPG (62) TIMER REFRESH-B MODE CHECK (ISP & RTN) ***PASS
TEST 32620 ALPG (63) TIMER1 RANGE CHECK (CURRENT CLK) ***PASS
TEST 32621 ALPG (63) TIMER1 RANGE CHECK (TIMER RANGE) ***PASS
TEST 32622 ALPG (63) TIMER2 RANGE CHECK (TIMER RANGE) ***PASS
TEST 32623 ALPG (63) TIMER PAUSE MODE CHECK ***PASS
TEST 32624 ALPG (63) TM1 TM2 FUNCTION CHECK ***PASS
TEST 32630 ALPG (64) INTERRUPT CHECK (ISP REG. BIT CHECK) ***PASS
TEST 32631 ALPG (64) INTERRUPT CHECK (INTERRUPT RETURN CHECK) ***PASS
TEST 32632 ALPG (64) INTERRUPT CHECK (ISTK BIT CHECK) ***PASS
TEST 32633 ALPG (64) INTERRUPT CHECK (JSR) ***PASS
TEST 32634 ALPG (64) INTERRUPT CHECK (IDXI,OPERAND=0) ***PASS
TEST 32635 ALPG (64) INTERRUPT CHECK (IDXI,OPERAND<>0) ***PASS
TEST 32636 ALPG (64) INTERRUPT CHECK (JNI,OPERAND=PC,IDX=0) ***PASS
TEST 32637 ALPG (64) INTERRUPT CHECK (JNI,OPERAND=PC,IDX<>0) ***PASS
TEST 32638 ALPG (64) INTERRUPT CHECK (JNI,OPERAND<>PC,IDX=0) ***PASS
TEST 32639 ALPG (64) INTERRUPT CHECK (WAIT) ***PASS
TEST 32640 ALPG (65) INTERRUPT CHECK (RTN INSTRUCTION) ***PASS
TEST 32641 ALPG (65) INTERRUPT CHECK (STPS INSTRUCTION) ***PASS
TEST 32642 ALPG (65) INTERRUPT CHECK (STFL INSTRUCTION) ***PASS
TEST 32643 ALPG (65) INTERRUPT CHECK (INTERRUPT ERROR) ***PASS
TEST 32644 ALPG (65) INTERRUPT CHECK (I INSTRUCTION) ***PASS
TEST 32650 ALPG (66) FLGS1 INSTRUCTION MATCH DETECTOR CHECK ***PASS
TEST 32651 ALPG (66) FLGLI1 INSTRUCTION MATCH DETECTOR CHECK -1 ***PASS
TEST 32652 ALPG (66) FLGLI1 INSTRUCTION MATCH DETECTOR CHECK -2 ***PASS
TEST 32653 ALPG (66) FLGLI1 INSTRUCTION MATCH DETECTOR CHECK -3 ***PASS
TEST 32654 ALPG (66) FLGLI1 & STBAR BRANCH CHECK (BAR BIT CHECK) ***PASS
TEST 32655 ALPG (66) FLGNI1 INSTRUCTION MATCH DETECTOR CHECK -1 ***PASS
TEST 32656 ALPG (66) FLGNI1 INSTRUCTION MATCH DETECTOR CHECK -2 ***PASS
TEST 32657 ALPG (66) FLGNI1 & STBAR BRANCH CHECK (BAR BIT CHECK) ***PASS
TEST 32658 ALPG (66) FLGNI1 FLAG OUTPUT INH CHECK ***PASS

TEST 32659 ALPG (66) FLGS1 INTERRUPT DELAY CHECK ***PASS
TEST 32660 ALPG (66) FLGLI1 INTERRUPT DELAY CHECK ***PASS
TEST 32661 ALPG (66) FLGNI1 INTERRUPT DELAY CHECK ***PASS
TEST 32662 ALPG (66) CLKM LINE CHECK(FLAG) ***PASS
TEST 32700 ALPG (71) REPEAT FUNCTION CHECK (RESTART) ***PASS
TEST 32701 ALPG (71) REPEAT FUNCTION CHECK (PASS/FAIL STATUS CHECK) ***PASS
TEST 32702 ALPG (71) REPEAT FUNCTION CHECK (PASS/FAIL INTR INHIBIT) ***PASS
TEST 32703 ALPG (71) REPEAT FUNCTION CHECK (STACK ERROR INTR CHECK) ***PASS
TEST 32704 ALPG (71) REPEAT FUNCTION CHECK (STACK ERROR NOT REPEAT) ***PASS
TEST 32705 ALPG (71) REPEAT FUNCTION CHECK (STOP MPAT STOP CHECK) ***PASS
TEST 32706 ALPG (71) REPEAT FUNCTION CHECK (FAIL STOP REPEAT) ***PASS
TEST 32707 ALPG (71) REPEAT FUNCTION CHECK (FAIL STOP INH) ***PASS
TEST 32710 ALPG (72) TRACE STEP FUNCTION CHECK ***PASS
TEST 32711 ALPG (72) TRACE BREAK ON PC FUNCTION CHECK ***PASS
TEST 32712 ALPG (72) TRACE BREAK ON PAT FUNCTION CHECK ***PASS
TEST 32713 ALPG (72) TRACE BREAK ON SYNC FUNCTION CHECK ***PASS
TEST 32714 ALPG (72) TRACE MODE STPS/STFL CHECK ***PASS
TEST 32715 ALPG (72) TRACE MODE PASS/FAIL FLAG CHECK ***PASS
TEST 32716 ALPG (72) TRACE & REPEAT MODE CHECK ***PASS
TEST 32717 ALPG (72) TRACE BREAK ON PC CONTINUOUS CHECK ***PASS
TEST 32718 ALPG (72) TRACE BREAK ON PAT CONTINUOUS CHECK ***PASS
TEST 32719 ALPG (72) TRACE BREAK ON SYNC CONTINUOUS CHECK ***PASS
TEST 32721 ALPG (73) TRACE MODE TS DATA OUTPUT READ CHECK ***PASS
TEST 32722 ALPG (73) TRACE MODE MUT SIGNAL OUTPUT READ CHECK ***PASS
TEST 32723 ALPG (73) TRACE MODE X ADDRESS OUTPUT READ CHECK ***PASS
TEST 32724 ALPG (73) TRACE MODE Y ADDRESS OUTPUT READ CHECK ***PASS
TEST 32725 ALPG (73) TRACE MODE DA DATA OUTPUT READ CHECK ***PASS
TEST 32726 ALPG (73) TRACE MODE DB DATA OUTPUT READ CHECK ***PASS
TEST 32727 ALPG (73) TRACE MODE FAIL STOP INHIBIT CHECK ***PASS
TEST 32728 ALPG (73) TRACE MODE STACK ERROR STOP CHECK ***PASS
TEST 32730 ALPG (74) FAIL STOP FUNCTION CHECK ***PASS
TEST 32750 ALPG (76) OUT FUNCTION PRECHECK 1 ***PASS
TEST 32752 ALPG (76) OUT FUNCTION PRECHECK 3 ***PASS
TEST 32755 ALPG (76) OUT FUNCTION PRECHECK 6 ***PASS
TEST 32756 ALPG (76) OUT FUNCTION PRECHECK 7 ***PASS
TEST 32757 ALPG (76) OUT FUNCTION PRECHECK 8 ***PASS
TEST 32760 ALPG (77) OUT OBM ADDRESS POINTER BIT CHECK ***PASS
TEST 32761 ALPG (77) OUT START BLOCK SELECT CHECK 1 ***PASS
TEST 32762 ALPG (77) OUT START BLOCK SELECT CHECK 2 ***PASS
TEST 32763 ALPG (77) OUT DATA BIT CHECK ***PASS
TEST 32764 ALPG (77) OUT FUNCTION CHECK 1 ***PASS
TEST 32765 ALPG (77) OUT FUNCTION CHECK 2 ***PASS
TEST 32766 ALPG (77) OUT FUNCTION CHECK 3 ***PASS
TEST 32767 ALPG (77) OUT FUNCTION CHECK 4 ***PASS

TEST 32768 ALPG (77) OUT WAIT TIMER BIT CHECK ***PASS
TEST 32769 ALPG (77) OUT FUNCTION CHECK 5 ***PASS
TEST 32770 ALPG (78) OUT HOLD CHECK ***PASS
TEST 32771 ALPG (78) OUT CONTINUE CHECK ***PASS
TEST 32772 ALPG (78) OUT HOLD-CONTINUE CHECK ***PASS
TEST 32773 ALPG (78) OUT ERROR CHECK ***PASS
TEST 32774 ALPG (78) OUT TIMER ERROR CHECK ***PASS
TEST 32775 ALPG (78) OUT RESET CHECK 1 (PG END) ***PASS
TEST 32776 ALPG (78) OUT RESET CHECK 2 (PG RESET) ***PASS
TEST 32777 ALPG (78) OUT RESET CHECK 3 (TBRST) ***PASS
TEST 32778 ALPG (78) OUT WAIT HOLD-CONTINUE CHECK ***PASS
TEST 32801 ALPG (81) DFM REGISTER R/W CHECK(DFM MODE REG) ***PASS
TEST 32802 ALPG (81) DFM REGISTER R/W CHECK(DFM COUNTER) ***PASS
TEST 32803 ALPG (81) DFM REGISTER R/W CHECK(STOP COUNT REG) ***PASS
TEST 32804 ALPG (81) DFM REGISTER R/W CHECK(FM MEM SEL PGCONT) ***PASS
TEST 32805 ALPG (81) DFM REGISTER R/W CHECK(AFMAP) ***PASS
TEST 32806 ALPG (81) DFM REGISTER R/W CHECK(FM RESET PGCONT) ***PASS
TEST 32807 ALPG (81) DFM REGISTER R/W CHECK(DFMAP PGCONT) ***PASS
TEST 32821 ALPG (83) DFM AP REAL TIME CHECK-1 (FULL COUNT) ***PASS
TEST 32822 ALPG (83) DFM AP REAL TIME CHECK-2 (STORE) ***PASS
TEST 32824 ALPG (83) DFM COUNTER & AFMAP CHECK-1 (CARRY CHECK) ***PASS
TEST 32825 ALPG (83) DFM COUNTER & AFMAP CHECK-2 (COMPARE CHECK) ***PASS
TEST 32826 ALPG (83) DFM COUNTER & AFMAP CHECK-3 (SELECT CHECK) ***PASS
TEST 32827 ALPG (83) DFM COUNTER DFM MODE FAIL COUNT CHECK ***PASS
TEST 32828 ALPG (83) DFM COUNTER DFM MODE STATE COUNT CHECK ***PASS
TEST 32829 ALPG (83) DFM COUNTER STATE INH CHECK ***PASS
TEST 32830 ALPG (84) DFM MARK MEMORY STORE CHECK-1(DATA BIT) ***PASS
TEST 32831 ALPG (84) DFM MARK MEMORY STORE CHECK-2(STORE SEL) ***PASS
TEST 32832 ALPG (84) DFM MARK MEMORY STORE CHECK-3(ALL ADRS) ***PASS
TEST 32833 ALPG (84) DFM MARK MEMORY STORE CHECK-4(FSTOP INH) ***PASS
TEST 32834 ALPG (84) DFM MARK MEMORY STORE CHECK-5(FSTOP AT FIRST) ***PASS
TEST 32835 ALPG (84) DFM MARK MEMORY STORE CHECK-6(FSTOP AT LAST) ***PASS
TEST 32836 ALPG (84) DFM STORE SIG OUTPUT CHECK ***PASS
TEST 32837 ALPG (84) DFM MARK MEMORY OVERRUN REG CHECK ***PASS
TEST 32840 ALPG (85) DFM AP(ALPG) REAL TIME CHECK-1(FULL COUNT) ***PASS
TEST 32841 ALPG (85) DFM AP(ALPG) REAL TIME CHECK-2(STORE) ***PASS
TEST 32842 ALPG (85) DFM STORE CHECK-1 (BIT CHECK) ***PASS
TEST 32843 ALPG (85) DFM STORE CHECK-2 (ALL0 ALL1) ***PASS
TEST 32844 ALPG (85) DFM STORE CHECK-3 (PC=#555 PC=#2AA) ***PASS
TEST 32845 ALPG (85) DFM STORE CHECK-4 (FAIL STOP) ***PASS
TEST 32846 ALPG (85) DFM STORE CHECK-5 (FAIL STOP AT FIRST PAT) ***PASS
TEST 32847 ALPG (85) DFM STORE CHECK-6 (FAIL STOP AT LAST PAT) ***PASS
TEST 32850 ALPG (86) DFM STORE CHECK-7 (FAIL STOP INH MODE) ***PASS
TEST 32851 ALPG (86) DFM STORE CHECK-8 (STOP COUNT=0) ***PASS

TEST 32852 ALPG (86) DFM STORE CHECK-9 (DFM A/B STORE CHECK) ***PASS
TEST 32853 ALPG (86) DFM STORE CHECK-10 (DATA DELAY) ***PASS
TEST 32854 ALPG (86) DFM SL1 SELECT DFM AP CHECK ***PASS
TEST 33112 FT (11) IF REGISTER R/W CHECK 1 ***PASS
TEST 33113 FT (11) IF REGISTER R/W CHECK 2 ***PASS
TEST 33114 FT (11) IF REGISTER RESET CHECK 1 ***PASS
TEST 33115 FT (11) IF PIN DEFINE TABLE CHECK ***PASS
TEST 33116 FT (11) IF PIN GROUP TABLE CHECK ***PASS
TEST 33117 FT (11) IF DA DATA ERROR READ CHECK ***PASS
TEST 33118 FT (11) IF VIO BUSY READ CHECK ***PASS
TEST 33120 FT (12) IF UNIVERSAL MEMORY1 DATA R/W CHECK ***PASS
TEST 33121 FT (12) IF UNIVERSAL MEMORY2 DATA R/W CHECK ***PASS
TEST 33122 FT (12) IF INTERNAL MEMORY R/W CHECK ***PASS
TEST 33125 FT (12) IF OUTPUT CHECK 1 ***PASS
TEST 33130 FT (13) IF REGISTER R/W CHECK 3 ***PASS
TEST 33131 FT (13) IF REGISTER RESET CHECK 2 ***PASS
TEST 33134 FT (13) IF SAVE MEMORY R/W CHECK ***PASS
TEST 33135 FT (13) IF BURST R/W CHECK 1 ***PASS
TEST 33136 FT (13) IF BURST R/W CHECK 2 ***PASS
TEST 33137 FT (13) IF SAVE RECOVERY CHECK ***PASS
TEST 33200 FT (20) PDS REGISTER R/W CHECK 1 ***PASS
TEST 33201 FT (20) PDS REGISTER R/W CHECK 2 ***PASS
TEST 33202 FT (20) PDS REGISTER R/W CHECK 3 ***PASS
TEST 33203 FT (20) PDS REGISTER R/W CHECK 4 ***PASS
TEST 33204 FT (20) PDS TESTER BUS RESET CHECK ***PASS
TEST 33205 FT (20) PDS PIN DATA RESET CHECK ***PASS
TEST 33206 FT (20) PDS PG RESET CHECK ***PASS
TEST 33210 FT (21) PDS WCS R/W CHECK 1 ***PASS
TEST 33211 FT (21) PDS WCS R/W CHECK 2 ***PASS
TEST 33212 FT (21) PDS WCS DIAG PRE CHECK 1 ***PASS
TEST 33213 FT (21) PDS WCS DIAG PRE CHECK 2 ***PASS
TEST 33214 FT (21) PDS WCS DIAG PRE CHECK 3 ***PASS
TEST 33215 FT (21) PDS WCS R/W CHECK 3 ***PASS
TEST 33216 FT (21) PDS ALPG MEMORY SELECT CHECK ***PASS
TEST 33217 FT (21) PDS UNIT SELECT CHECK ***PASS
TEST 33220 FT (22) PDS ALPG-PDS CONNECT CHECK 1 ***PASS
TEST 33221 FT (22) PDS X00-17 MRAM CHECK ***PASS
TEST 33222 FT (22) PDS Y00-17 MRAM CHECK ***PASS
TEST 33223 FT (22) PDS DA00-17 MRAM CHECK ***PASS
TEST 33224 FT (22) PDS DB00-17 MRAM CHECK ***PASS
TEST 33225 FT (22) PDS DSC/DFC MRAM CHECK ***PASS
TEST 33226 FT (22) PDS PC00-10 MRAM CHECK ***PASS
TEST 33230 FT (23) PDS WCS MAIN INTERLEAVE CHECK ***PASS
TEST 33231 FT (23) PDS RINV/HZSTB SIGNAL CHECK ***PASS

TEST 33232 FT (23) PDS RINV/HZSTB SELECT CHECK ***PASS
TEST 33240 FT (24) PDS X00-17 SELECT CHECK ***PASS
TEST 33241 FT (24) PDS Y00-17 SELECT CHECK ***PASS
TEST 33242 FT (24) PDS C00-23/R/W/M1-2 SELECT CHECK ***PASS
TEST 33243 FT (24) PDS DA00-17 SELECT CHECK ***PASS
TEST 33244 FT (24) PDS DB00-17 SELECT CHECK ***PASS
TEST 33245 FT (24) PDS DFC1-2/DSC0-3 SELECT CHECK ***PASS
TEST 33250 FT (25) PDS MUXA-D SELECT CHECK ***PASS
TEST 33251 FT (25) PDS MUXA-D INVERT CHECK ***PASS
TEST 33252 FT (25) PDS MODE SELECT CHECK ***PASS
TEST 33253 FT (25) PDS CYCLE PALETTE CHECK 1 ***PASS
TEST 33254 FT (25) PDS CYCLE PALETTE CHECK 2 ***PASS
TEST 33255 FT (25) PDS CYCLE PALETTE CHECK 3 ***PASS
TEST 33256 FT (25) PDS CYCLE PALETTE CHECK 4 ***PASS
TEST 33300 FT (30) DISTVD R/W CHECK 1 ***PASS
TEST 33301 FT (30) DISTVD R/W CHECK 2 ***PASS
TEST 33303 FT (30) DISTVD RESET CHECK ***PASS
TEST 33310 FT (31) DISTVD TGSTART INPUT CHECK ***PASS
TEST 33311 FT (31) DISTVD TGRATE INPUT CHECK ***PASS
TEST 33312 FT (31) DISTVD TS INPUT CHECK ***PASS
TEST 33313 FT (31) DISTVD ENDRATE INPUT CHECK ***PASS
TEST 33320 FT (32) DISTVD PAT INPUT CHECK ***PASS
TEST 33321 FT (32) DISTVD CPE INPUT CHECK ***PASS
TEST 33322 FT (32) DISTVD DRE INPUT CHECK ***PASS
TEST 33323 FT (32) DISTVD RHZ INPUT CHECK ***PASS
TEST 33324 FT (32) DISTVD STORE INPUT CHECK ***PASS
TEST 33325 FT (32) DISTVD FLSCMD INPUT CHECK ***PASS
TEST 33327 FT (32) DISTVD FM FAIL INPUT CHECK ***PASS
TEST 33330 FT (33) DISTVD DIAG COUNTER SELF COUNT CHECK ***PASS
TEST 33331 FT (33) DISTVD DIAG COUNTER OVERFLOW CHECK ***PASS
TEST 33332 FT (33) DISTVD LOOP MULTIPLEXER/INIT MODE CHECK ***PASS
TEST 33333 FT (33) DISTVD INPUT CYCLE SHIFT CHECK ***PASS
TEST 33334 FT (33) DISTVD PULSER WIDTH CHECK ***PASS
TEST 33335 FT (33) DISTVD OUTPUT CHECK ***PASS
TEST 33336 FT (33) DISTVD OUTPUT VD CHECK ***PASS
TEST 33337 FT (33) DISTVD OUTPUT CYCLE SHIFT CHECK ***PASS
TEST 33338 FT (33) DISTVD OUTPUT VD HEATER CHECK ***PASS
TEST 33400 FT (40) FT LSI PIN ASSIGN CHECK ***PASS
TEST 33401 FT (40) FT REGISTER READ/WRITE CHECK 1(UNIQUE) ***PASS
TEST 33402 FT (40) FT REGISTER READ/WRITE CHECK 2(LEFT/RIGHT) ***PASS
TEST 33403 FT (40) FT REGISTER READ/WRITE CHECK 3(CHANNEL) ***PASS
TEST 33404 FT (40) FT REGISTER READ/WRITE CHECK 4(CHILD) ***PASS
TEST 33405 FT (40) FT REGISTER READ/WRITE CHECK 5(SELCT) ***PASS
TEST 33406 FT (40) FT REGISTER READ/WRITE CHECK 6(BLOCK) ***PASS

TEST 33407 FT (40) FT REGISTER RESET CHECK 1(UNIQUE) ***PASS
TEST 33408 FT (40) FT REGISTER RESET CHECK 2(LEFT/RIGHT) ***PASS
TEST 33409 FT (40) FT REGISTER RESET CHECK 3(CHANNEL) ***PASS
TEST 33410 FT (41) FT REGISTER RESET CHECK 4(CHILD) ***PASS
TEST 33411 FT (41) FT REGISTER RESET CHECK 5(SELCT) ***PASS
TEST 33412 FT (41) FT REGISTER RESET CHECK 6(BLOCK) ***PASS
TEST 33413 FT (41) FT RATE MEMORY READ/WRITE CHECK ***PASS
TEST 33414 FT (41) PIN CLOCK MEMORY READ/WRITE CHECK ***PASS
TEST 33415 FT (41) LINEARIZE MEMORY READ/WRITE CHECK ***PASS
TEST 33416 FT (41) CALFILE MEMORY READ/WRITE CHECK ***PASS
TEST 33417 FT (41) CHILDFILE MEMORY READ/WRITE CHECK ***PASS
TEST 33418 FT (41) CALFILE TRANSFER CHECK ***PASS
TEST 33419 FT (41) CHILDFILE TRANSFER CHECK ***PASS
TEST 33420 FT (42) FT UBM NORMAL READ/WRITE CHECK ***PASS
TEST 33421 FT (42) FT UBM PARALLEL READ/WRITE CHECK ***PASS
TEST 33422 FT (42) FT RATE MEMORY RESET CHECK ***PASS
TEST 33423 FT (42) PIN CLOCK MEMORY RESET CHECK ***PASS
TEST 33424 FT (42) LINEARIZE MEMORY RESET CHECK ***PASS
TEST 33425 FT (42) CALFILE MEMORY RESET CHECK ***PASS
TEST 33426 FT (42) CHILDFILE MEMORY RESET CHECK ***PASS
TEST 33427 FT (42) UBM NORMAL CLEAR SEAQENCE CHECK ***PASS
TEST 33428 FT (42) PIN DEFINE CHECK ***PASS
TEST 33429 FT (42) PIN GROUPE CHECK ***PASS
TEST 33430 FT (43) TG DATA INPUT CHECK(1WAY) ***PASS
TEST 33431 FT (43) TG DATA INPUT CHECK(2WAY) ***PASS
TEST 33432 FT (43) PAT/DRE/CPE INPUT CHECK(1WAY) ***PASS
TEST 33433 FT (43) PAT/DRE/CPE INPUT CHECK(2WAY) ***PASS
TEST 33436 FT (43) RATE DATA LINE BIT CHECK ***PASS
TEST 33437 FT (43) RATE DATA ADDER CHECK ***PASS
TEST 33438 FT (43) RATE DATA PHASER ACCUMRATOR CHECK ***PASS
TEST 33439 FT (43) RATE DATA SIDE CHANGED CHECK ***PASS
TEST 33440 FT (44) PIN CLOCK DATA BIT CHECK ***PASS
TEST 33441 FT (44) PIN CLOCK DATA ADDER CHECK 1 ***PASS
TEST 33442 FT (44) PIN CLOCK DATA ADDER CHECK 2 ***PASS
TEST 33443 FT (44) PIN CLOCK DATA ADDER CHECK 3 ***PASS
TEST 33444 FT (44) PIN CLOCK TG DELAY COUNTER CHECK ***PASS
TEST 33445 FT (44) PIN CLOCK 4XRATE GENERATE CHECK ***PASS
TEST 33446 FT (44) PIN CLOCK CAL CYCLE SHIFT DELAY CHECK ***PASS
TEST 33447 FT (44) PIN CLOCK HIRESOLUTION DATA OR CHECK ***PASS
TEST 33448 FT (44) PIN CLOCK LINEARIZE MEMORY ADDRES CHECK ***PASS
TEST 33449 FT (44) PIN CLOCK OPEN CONTROL CHECK ***PASS
TEST 33450 FT (45) PIN CLOCK DIAG COUNTER FUNCTION CHECK 1 ***PASS
TEST 33451 FT (45) PIN CLOCK DIAG COUNTER FUNCTION CHECK 2 ***PASS
TEST 33452 FT (45) PIN CLOCK LOOP MUX SELECT CHECK ***PASS

TEST 33453 FT (45) PIN CLOCK RING OSC BIT DELAY CHECK ***PASS
TEST 33454 FT (45) PIN CLOCK RING OSC DIVIDER PERIOD CHECK ***PASS
TEST 33455 FT (45) PIN CLOCK DR4PIN REFCLOCK INHIBIT CHECK ***PASS
TEST 33460 FT (46) PIN CLOCK TGVD DELAY CHECK 1 ***PASS
TEST 33461 FT (46) PIN CLOCK CHVD DELAY CHECK 1 ***PASS
TEST 33462 FT (46) PIN CLOCK TGVD DELAY CHECK 2 ***PASS
TEST 33463 FT (46) PIN CLOCK CHVD DELAY CHECK 2 ***PASS
TEST 33464 FT (46) PIN CLOCK SCVD DELAY CHECK ***PASS
TEST 33465 FT (46) PIN CLOCK HREF PULSE WIDTH CHECK ***PASS
TEST 33466 FT (46) PIN CLOCK LREF PULSE WIDTH CHECK ***PASS
TEST 33467 FT (46) PIN CLOCK LOGIC INVD DELAY CHECK ***PASS
TEST 33468 FT (46) PIN CLOCK LOGIC OUTVD DELAY CHECK ***PASS
TEST 33470 FT (47) PAT/DRE CYCLE DELAY CHECK ***PASS
TEST 33471 FT (47) PAT/DRE 3WAY MRAM CHECK ***PASS
TEST 33473 FT (47) FC LOGIC FUNCTION CHECK 1(1WAY) ***PASS
TEST 33474 FT (47) FC LOGIC FUNCTION CHECK 2(2WAY) ***PASS
TEST 33475 FT (47) FC ADJACENT LIMITATION EASING CHECK 1(1WAY) ***PASS
TEST 33476 FT (47) FC ADJACENT LIMITATION EASING CHECK 2(2WAY) ***PASS
TEST 33477 FT (47) FC ADJACENT LIMITATION EASING CHECK 3(BMUX) ***PASS
TEST 33478 FT (47) FC ADJACENT LIMITATION EASING INH CHECK 1 ***PASS
TEST 33479 FT (47) FC ADJACENT LIMITATION EASING INH CHECK 2 ***PASS
TEST 33480 FT (48) FC DRE SELECT CHECK(1WAY) ***PASS
TEST 33481 FT (48) FC WAVE FORM CHECK ***PASS
TEST 33482 FT (48) FC SC PIN DATA STRB ENABLE CHECK ***PASS
TEST 33483 FT (48) FC IDSEL MODE FUNCTION CHECK ***PASS
TEST 33484 FT (48) FC FC PIN DATA PAT OUTPUT CHECK ***PASS
TEST 33485 FT (48) FC TH PIN DATA PAT OUTPUT CHECK ***PASS
TEST 33486 FT (48) FC DRE SELECT CHECK(2WAY) ***PASS
TEST 33510 FT (51) EXP/CPE/RHZ SELECT CHECK ***PASS
TEST 33511 FT (51) EXP/CPE/RHZ CYCLE DELAY CHECK ***PASS
TEST 33512 FT (51) EXP/CPE CYCLE DELAY CONTROL CHECK ***PASS
TEST 33520 FT (52) TIMING COMPARATOR DR PIN INPUT CHECK ***PASS
TEST 33521 FT (52) TIMING COMPARATOR HV PIN INPUT CHECK ***PASS
TEST 33522 FT (52) TIMING COMPARATOR IO PIN INPUT CHECK ***PASS
TEST 33523 FT (52) TIMING COMPARATOR MATCH CHECK ***PASS
TEST 33524 FT (52) TIMING COMPARATOR WINDOW STROBE CHECK ***PASS
TEST 33525 FT (52) TIMING COMPARATOR WINDOW STROBE HIZ CHECK ***PASS
TEST 33526 FT (52) TIMING COMPARATOR RISE/FALL CHECK ***PASS
TEST 33527 FT (52) TIMING COMPARATOR DR PIN 1WAY CHECK ***PASS
TEST 33530 FT (53) CPE MASK CHECK 1 ***PASS
TEST 33532 FT (53) LOGIC COMPARATOR EXP CHECK ***PASS
TEST 33533 FT (53) LOGIC COMPARATOR RHZ CHECK ***PASS
TEST 33534 FT (53) LOGIC COMPARATOR CPE CHECK ***PASS
TEST 33535 FT (53) SC DIAG MODE CHECK ***PASS

TEST 33536 FT (53) LOGIC COMPARATOR EXP CHECK(1WAY) ***PASS
TEST 33537 FT (53) LOGIC COMPARATOR RHZ CHECK(1WAY) ***PASS
TEST 33538 FT (53) LOGIC COMPARATOR CPE CHECK(1WAY) ***PASS
TEST 33540 FT (54) FAIL STUCK READ CHECK ***PASS
TEST 33541 FT (54) FAIL DATA READ CHECK ***PASS
TEST 33542 FT (54) PASS/FAIL DETECT CHECK(2WAY) ***PASS
TEST 33546 FT (54) PASS/FAIL DETECT CHECK(1WAY) ***PASS
TEST 33550 FT (55) OR FAIL OUTPUT CHECK ***PASS
TEST 33551 FT (55) FM FAIL OUTPUT CHECK ***PASS
TEST 33552 FT (55) PIN FAIL OUTPUT CHECK ***PASS
TEST 33560 FT (56) FAIL COUNTER INPUT SELECT CHECK ***PASS
TEST 33561 FT (56) FAIL COUNTER PASS/FAIL MODE CHECK ***PASS
TEST 33562 FT (56) FAIL COUNTER CPE MODE CHECK ***PASS
TEST 33563 FT (56) FAIL COUNTER 24BIT MODE CHECK ***PASS
TEST 33564 FT (56) FAIL COUNTER LIMIT CHECK ***PASS
TEST 33572 FT (57) DFM FAIL STORE CHECK ***PASS
TEST 33580 FT (58) DQS PIN SELECT CHECK ***PASS
TEST 33581 FT (58) DQS-DQ LOOKUP TABLE CHECK ***PASS
TEST 33582 FT (58) DQS-DQ CPE CHECK ***PASS
TEST 33583 FT (58) DQS CYCLE TO CYCLE FAIL SELECT CHECK ***PASS
TEST 33584 FT (58) DQS CYCLE TO CYCLE LUUKUP TABLE CHECK ***PASS
TEST 33585 FT (58) DQS CYCLE TO CYCLE CPE CHECK ***PASS
TEST 33590 FT (59) MATCH MASK CHECK 1 ***PASS
TEST 33592 FT (59) MATCH FUNCTION CHECK ***PASS
TEST 33593 FT (59) MATCH OUTPUT CHECK ***PASS
TEST 33800 FT (80) LINKCONT REV. CHECK ***PASS
TEST 33801 FT (80) LINKCONT CHILD SELECT REG CHECK ***PASS
TEST 33802 FT (80) LINKCONT REGISTER R/W CHECK ***PASS
TEST 33803 FT (80) LINKCONT REGISTER RESET CHECK ***PASS
TEST 33804 FT (80) LINKCONT REJECTION MASK CHECK ***PASS
TEST 33805 FT (80) LINKCONT HSB SEQUENCE MEMORY R/W CHECK ***PASS
TEST 33810 FT (81) LINKCONT HSB START/STOP CHECK ***PASS
TEST 33811 FT (81) LINKCONT HSB START ADDRESS CHECK ***PASS
TEST 33812 FT (81) LINKCONT HSB NOP CHECK ***PASS
TEST 33813 FT (81) LINKCONT HSB JMP CHECK ***PASS
TEST 33814 FT (81) LINKCONT HSB JSR/RTN CHECK 1 ***PASS
TEST 33815 FT (81) LINKCONT HSB JSR/RTN CHECK 2 ***PASS
TEST 33820 FT (82) LINKCONT BFM R/W CHECK ***PASS
TEST 33821 FT (82) LINKCONT FIM1 R/W CHECK ***PASS
TEST 33822 FT (82) LINKCONT FIM2 R/W CHECK ***PASS
TEST 33823 FT (82) LINKCONT GENERAL MEMORY R/W CHECK ***PASS
TEST 33824 FT (82) LINKCONT HSB GENERAL MEMORY BASE CHECK ***PASS
TEST 33830 FT (83) LINKCONT HSB WTC CHECK ***PASS
TEST 33831 FT (83) LINKCONT HSB CHECK ***PASS

TEST 33832 FT (83) LINKCONT HSB DEBUG MODE CHECK ***PASS
TEST 33833 FT (83) LINKCONT HSB DEBUG CHECK ***PASS
TEST 33840 FT (84) LINKCONT HSB JDZF CHECK ***PASS
TEST 33841 FT (84) LINKCONT HSB JDNZF CHECK ***PASS
TEST 33842 FT (84) LINKCONT HSB JGTF CHECK ***PASS
TEST 33843 FT (84) LINKCONT HSB JGEF CHECK ***PASS
TEST 33844 FT (84) LINKCONT HSB JLEF CHECK ***PASS
TEST 33845 FT (84) LINKCONT HSB JLTF CHECK ***PASS
TEST 33850 FT (85) LINKCONT IO SIGNAL CHECK ***PASS
TEST 33866 FT (86) LINKCONT MATCH LINK CHECK ***PASS
TEST 33900 FT (90) ALL DEVICE MODE 01(01 BIT MODE) ***PASS
TEST 33901 FT (90) ALL DEVICE MODE 02(01 BIT MODE) ***PASS
TEST 33902 FT (90) ALL DEVICE MODE 03(04 BIT MODE) ***PASS
TEST 33903 FT (90) ALL DEVICE MODE 04(08 BIT MODE) ***PASS
TEST 33904 FT (90) ALL DEVICE MODE 05(09 BIT MODE) ***PASS
TEST 33905 FT (90) ALL DEVICE MODE 06(12 BIT MODE) ***PASS
TEST 33906 FT (90) ALL DEVICE MODE 07(16 BIT MODE) ***PASS
TEST 33907 FT (90) ALL DEVICE MODE 08(18 BIT MODE) ***PASS
TEST 33908 FT (90) ALL DEVICE MODE 09(24 BIT MODE) ***PASS
TEST 33910 FT (91) ALL DEVICE MODE 10(32 BIT MODE) ***PASS
TEST 33911 FT (91) ALL DEVICE MODE 11(36 BIT MODE) ***PASS
TEST 33912 FT (91) ALL DEVICE MODE 12(48 BIT MODE) ***PASS
TEST 33913 FT (91) ALL DEVICE MODE 13(64 BIT MODE) ***PASS
TEST 33914 FT (91) ALL DEVICE MODE 14(72 BIT MODE) ***PASS
TEST 33915 FT (91) ALL DEVICE MODE 15(96 BIT MODE) ***PASS
TEST 33916 FT (91) PG STOP CHECK(ANDFAIL) ***PASS
TEST 33920 FT (92) THIF ORFAIL CHECK ***PASS
TEST 33921 FT (92) THIF MATCH CHECK ***PASS
TEST 35101 TH (11) VIO CHILD SEL REG R/W CHECK ***PASS
TEST 35102 TH (11) VIO DA DATA SET R/W CHECK ***PASS
TEST 35103 TH (11) VIO CHILD DA DATA SET R/W CHECK ***PASS
TEST 35104 TH (11) VIO RONROF (PER-PIN MODE) R/W CHECK ***PASS
TEST 35105 TH (11) VIO RONROF (ALL-PIN MODE) R/W CHECK ***PASS
TEST 35106 TH (11) VIO OFFSET DATA SET R/W CHECK ***PASS
TEST 35107 TH (11) VIO GAIN DATA SET R/W CHECK ***PASS
TEST 35108 TH (11) VIO DA SET DATA READ CHECK ***PASS
TEST 35109 TH (11) VIO CLEAR RESET CHECK ***PASS
TEST 35110 TH (11) RESISTANCE RATIO DATA R/W CHECK ***PASS
TEST 35111 TH (11) TGFC LEVEL SHIFT R/W CHECK ***PASS
TEST 35201 TH (12) TH PIN DATA R/W CHECK ***PASS
TEST 35202 TH (12) DC PARALLEL SET R/W CHECK ***PASS
TEST 35203 TH (12) DR/CP MASK R/W CHECK ***PASS
TEST 35204 TH (12) PARA WRITE TABLE REG READ CHECK ***PASS
TEST 35205 TH (12) DAC ADDRESS DATA READ CHECK ***PASS

TEST 35206 TH (12) CONTROL REGISTER R/W CHECK ***PASS
TEST 35208 TH (12) PIN GROUP TABLE CHECK ***PASS
TEST 35209 TH (12) PIN DEFINE TABLE SEL R/W CHECK ***PASS
TEST 35210 TH (12) PIN DEFINE TABLE R/W CHECK ***PASS
TEST 35211 TH (12) TH STATUS READ CHECK ***PASS
TEST 35302 TH (13) DR OUTPUT VOLTAGE & SELECT CHECK ***PASS
TEST 35303 TH (13) HV DR OUTPUT VOLTAGE & SELECT CHECK ***PASS
TEST 35304 TH (13) DR OUTPUT CURRENT & IMPEDANCE CHECK ***PASS
TEST 35305 TH (13) HV DR OUTPUT CURRENT & IMPEDANCE CHECK ***PASS
TEST 35402 TH (14) VT OUTPUT VOLTAGE & SELECT CHECK ***PASS
TEST 35403 TH (14) VT OUTPUT CURRENT & IMPEDANCE CHECK ***PASS
TEST 35502 TH (15) PL OUTPUT CURRENT CHECK ***PASS
TEST 35503 TH (15) VTH OUTPUT VOLTAGE CHECK ***PASS
TEST 35603 TH (16) CP DEAD BAND CHECK ***PASS
TEST 35605 TH (16) CP REFERENCE VOLTAGE CHECK ***PASS
TEST 35607 TH (16) IO PIN CLAMP CHECK ***PASS
TEST 35802 TH (18) DRIVER TR/TF CHECK ***PASS
TEST 35902 TH (19) PIN DRE L/T SKEW ADJUSTER CHECK ***PASS

T5588 SYSTEM DIAGNOSTICS END 2021/10/12 14:21:56 (OP.TIME=01:27:20) ***PASS