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**          T5581P SYSTEM DIAGNOSTICS      REV:5.01A(SYS TEST) 3.02A1(DIAG)      **
**          SYSTEM ID.                      **
**          TH          D TYPE                      **
**          START AT    2005/02/16 11:57:21          **
**
**          TEST MODE : MAINTENANCE & PASS PRINT          **
**          SPEC      : 100.0%                      **
**          PIN(TH1)   : 1-50,65-114,161-178,225-242<A>      **
**                   : 1-50,65-114,161-178,225-242<B>      **
**                   : 1-50,65-114,161-178,225-242<C>      **
**                   : 1-50,65-114,161-178,225-242<D>      **
**          UNIT       : DPU TG ALPG TGFC SC FM DBM MRA TH1  **
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TEST 5001 TH1 ( 10) CONTROL WORD CHECK          ***PASS
TEST 5002 TH1 ( 10) PERFORMANCE BOARD READ CHECK ***PASS
TEST 5003 TH1 ( 10) MCW CHECK                    ***PASS
TEST 5004 TH1 ( 11) 10V VS / VS MASK CHECK       ***PASS
TEST 5006 TH1 ( 11) 10V PCON / PCON MASK / MCT 17-32 CHECK ***PASS
TEST 5008 TH1 ( 11) LCON CHECK                   ***PASS
TEST 5009 TH1 ( 12) SIGNAL PIN CONNECTION CHECK   ***PASS
TEST 5010 TH1 ( 12) UTL/LOAD PIN CONNECTION CHECK ***PASS
TEST 5011 TH1 ( 13) OUTPUT RELAY CHECK            ***PASS
TEST 5012 TH1 ( 13) TERMINATOR RELAY CHECK        ***PASS
TEST 5013 TH1 ( 14) DC MULTIPLEXER CHECK          ***PASS
TEST 5015 TH1 ( 16) DC LEAK CHECK                 ***PASS
TEST 0101 DPU (  1) CBOX I/F 2'ND GPIB SELF CHECK ***PASS
TEST 0102 DPU (  2) CBOX I/F 2'ND GPIB REMOTE CHECK ***PASS
TEST 0103 DPU (  3) CBOX I/F 2'ND GPIB CLEAR CHECK ***PASS
TEST 0111 DPU (  5) IF LOGIC W/R CHECK            ***PASS
TEST 0116 DPU (  9) IF DPU-PG A/D START CHECK     ***PASS
TEST 0141 DPU ( 49) DC LOGIC W/R CHECK            ***PASS
TEST 0145 DPU ( 53) DC DSP ALU CHECK              ***PASS
TEST 0151 DPU ( 65) PPS LOGIC W/R CHECK           ***PASS
TEST 0155 DPU ( 69) PPS DSP ALU CHECK             ***PASS
TEST 0201 DPU (177) IFA R-LOAD CHECK              ***PASS
TEST 0203 DPU (179) IFA ADC CAL & CHECK           ***PASS
TEST 0221 DPU (182) DC ST1 VS/IS CALIBRATION & CHECK ***PASS
TEST 0223 DPU (183) DC ST1 IM/VM CALIBRATION & CHECK ***PASS
TEST 0261 DPU (187) PS ST1 VS CALIBRATION & CHECK ***PASS
TEST 0263 DPU (188) PS ST1 IM CALIBRATION & CHECK ***PASS
TEST 0268 DPU (190) PS ST1 VM CALIBRATION & CHECK ***PASS
TEST 0411 DPU (209) DC ST1 VSIM VS ACCURACY CHECK ***PASS
TEST 0412 DPU (210) DC ST1 VSIM I-CLAMP ACCURACY CHECK ***PASS
TEST 0413 DPU (211) DC ST1 VSIM IM ACCURACY CHECK ***PASS
TEST 0414 DPU (212) DC ST1 ISVM IS ACCURACY CHECK ***PASS
TEST 0416 DPU (214) DC ST1 ISVM VM ACCURACY CHECK ***PASS
TEST 0419 DPU (217) DC ST1 D/A BIT LINEARITY CHECK ***PASS
TEST 0422 DPU (218) DC ST1 VSIM IM SETTLING (NO-LOAD) CHECK ***PASS
TEST 0511 DPU (225) PS ST1 VSIM VS ACCURACY CHECK ***PASS
TEST 0512 DPU (226) PS ST1 VSIM I-CLAMP ACCURACY CHECK ***PASS
TEST 0513 DPU (227) PS ST1 VSIM IM ACCURACY CHECK ***PASS
TEST 0516 DPU (230) PS ST1 VSVM VM ACCURACY CHECK ***PASS
TEST 0517 DPU (231) PS ST1 SINGLE/PARA R-SENSE CHECK ***PASS

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TEST 0518	DPU	(232)	PS ST1 CLAMP/GUARD/KELVIN ALARM	CHECK	***PASS
TEST 0519	DPU	(233)	PS ST1 D/A BIT LINEARITY	CHECK	***PASS
TEST 0522	DPU	(234)	PS ST1 VSIM IM SETTling (NO-LOAD)	CHECK	***PASS
TEST 1010	TG	(1)	TGU RESET CHECK		***PASS
TEST 1011	TG	(1)	REGISTER R/W CHECK		***PASS
TEST 1012	TG	(1)	BOARD SUFFIX CHECK		***PASS
TEST 1020	TG	(2)	RATE MEMORY R/W CHECK1 (OFFLINE)		***PASS
TEST 1021	TG	(2)	RATE MEMORY R/W CHECK2 (ONLINE)		***PASS
TEST 1022	TG	(2)	SCAL CLOCK MEMORY R/W CHECK1 (OFFLINE)		***PASS
TEST 1023	TG	(2)	SCAL CLOCK MEMORY R/W CHECK2 (ONLINE)		***PASS
TEST 1024	TG	(2)	SUB CLOCK LINEARIZE MEMORY R/W CHECK		***PASS
TEST 1025	TG	(2)	TG MEMORY RESET CHECK		***PASS
TEST 1030	TG	(3)	DIAG COUNTER SELF COUNT CHECK		***PASS
TEST 1031	TG	(3)	DIAG COUNTER OVER FLOW CHECK		***PASS
TEST 1032	TG	(3)	MASTER CLOCK AC CHECK		***PASS
TEST 1033	TG	(3)	MASTER CLOCK COUNT MODE CHECK		***PASS
TEST 1034	TG	(3)	N PULSE COUNTER COUNT CHECK		***PASS
TEST 1035	TG	(3)	N PULSE SKEW ADJUSTER CHECK		***PASS
TEST 1036	TG	(3)	DUMMY PG START/STOP & GATE ON/OFF CHECK		***PASS
TEST 1037	TG	(3)	DUMMY PG REPEAT MODE CHECK		***PASS
TEST 1038	TG	(3)	DUMMY PG TS COUNTER CHECK		***PASS
TEST 1039	TG	(3)	DUMMY PG GATE COUNT CHECK		***PASS
TEST 1040	TG	(4)	RATE DATA BIT CHECK		***PASS
TEST 1041	TG	(4)	RATE DATA ADDER CHECK1		***PASS
TEST 1042	TG	(4)	RATE DATA ADDER CHECK2		***PASS
TEST 1043	TG	(4)	RATE DATA FIX0 CHECK		***PASS
TEST 1044	TG	(4)	RATE 1MS OVER CHECK		***PASS
TEST 1045	TG	(4)	RATE PHASE ACCUMULATOR CHECK1		***PASS
TEST 1046	TG	(4)	RATE PHASE ACCUMULATOR CHECK2		***PASS
TEST 1047	TG	(4)	RATE PHASE ACCUMULATOR CHECK3		***PASS
TEST 1050	TG	(5)	RATE CORE NORMAL STAGE CHECK		***PASS
TEST 1051	TG	(5)	RATE CORE ADD8 STAGE CHECK		***PASS
TEST 1052	TG	(5)	RATE CORE COUNTER STAGE CHECK		***PASS
TEST 1053	TG	(5)	RATE LSUB GENERATOR CHECK		***PASS
TEST 1054	TG	(5)	RATE LAST GENERATOR CHECK		***PASS
TEST 1055	TG	(5)	RATE SIDE CHANGE CHECK1		***PASS
TEST 1056	TG	(5)	RATE SIDE CHANGE CHECK2		***PASS
TEST 1057	TG	(5)	RATE SYSTEM TIMING DELAY CHECK		***PASS
TEST 1058	TG	(5)	TG SUB DATA BIT CHECK		***PASS
TEST 1059	TG	(5)	TG DIST DATA BIT CHECK		***PASS
TEST 1060	TG	(6)	SNC ADD PULSE NUMBER CHECK		***PASS
TEST 1061	TG	(6)	SNC PHASE CHECK		***PASS
TEST 1062	TG	(6)	RATE CONTINUE CHECK 1		***PASS
TEST 1063	TG	(6)	TG DIST SKEW ADJUSTER CHECK		***PASS
TEST 1064	TG	(6)	SUB CLOCK GEN SKEW ADJUSTER CHECK		***PASS
TEST 1065	TG	(6)	CONTINUOUS RUN MODE CHECK 1		***PASS
TEST 1066	TG	(6)	CONTINUOUS RUN MODE CHECK 2		***PASS
TEST 1067	TG	(6)	CONTINUOUS RUN MODE CHECK 3		***PASS
TEST 1068	TG	(6)	SUBCLOCK GENERATOR CHECK		***PASS
TEST 1070	TG	(7)	SCAL SKEW ADJUSTER CHECK		***PASS
TEST 1071	TG	(7)	SCAL CLOCK LSI SKEW ADJUSTER CHECK		***PASS
TEST 1072	TG	(7)	STANDARD TIMING SKEW ADJUSTER CHECK		***PASS
TEST 1073	TG	(7)	STANDARD TIMING GENERATE CHECK		***PASS
TEST 1075	TG	(7)	TG_SUB RATE COUNTER COUNT CHECK		***PASS
TEST 1076	TG	(7)	TG_SUB SUBCLOCK COUNTER COUNT CHECK		***PASS
TEST 1077	TG	(7)	TG_SUB LSUB DISABLE CHECK		***PASS
TEST 1078	TG	(7)	N PULSE PHASE CHECK		***PASS

TEST 1080	TG	(8)	SNC RESOLUTION CHECK	***PASS
TEST 1081	TG	(8)	RATE NORMAL GENERATE CHECK	***PASS
TEST 1082	TG	(8)	RATE RTTC GENERATE CHECK	***PASS
TEST 1090	TG	(9)	LSUB ON/OFF FUNCTION CHECK	***PASS
TEST 1091	TG	(9)	RATE SIDE CHANGE CHECK3 (TS FROM PG)	***PASS
TEST 1092	TG	(9)	RATE ASYNCHRONOUS STOP CHECK	***PASS
TEST 1093	TG	(9)	RATE CONTINUE CHECK2 (MATCH)	***PASS
TEST 1094	TG	(9)	STATE TRIGGER DETECT CHECK (FROM PG)	***PASS
TEST 1095	TG	(9)	FAIL TRIGGER DETECT CHECK (FROM PG)	***PASS
TEST 1096	TG	(9)	TS ACCESS CHECK (FROM PG)	***PASS
TEST 2000	ALPG	(1)	OBM(OUT BUFFER MEMORY) R/W CHECK (MARCHING)	***PASS
TEST 2001	ALPG	(1)	REGISTER R/W CHECK	***PASS
TEST 2002	ALPG	(1)	OBM, OBM-AP, WCS0, WCS1-10, XSCRAM R/W CHECK	***PASS
TEST 2003	ALPG	(1)	IDXR1-8 REG. R/W CHECK	***PASS
TEST 2004	ALPG	(1)	TIMER DATA & MODE REG. R/W CHECK (TMSEL1-2)	***PASS
TEST 2005	ALPG	(1)	TIMER DATA & MODE REG. R/W CHECK (TMSEL 0)	***PASS
TEST 2006	ALPG	(1)	UNIT SEL FUNCTION CHECK	***PASS
TEST 2007	ALPG	(1)	ALPG MEMORY SELECT CHECK	***PASS
TEST 2008	ALPG	(1)	XSCRAM DIVIDE R/W CHECK	***PASS
TEST 2009	ALPG	(1)	YSCRAM DIVIDE R/W CHECK	***PASS
TEST 2010	ALPG	(2)	WCS0 R/W CHECK (MARCHING)	***PASS
TEST 2011	ALPG	(2)	WCS1-10 R/W CHECK (MARCHING)	***PASS
TEST 2012	ALPG	(2)	PRE-XSCRAM R/W CHECK (MARCHING)	***PASS
TEST 2013	ALPG	(2)	PRE-YSCRAM R/W CHECK (MARCHING)	***PASS
TEST 2014	ALPG	(2)	XSCRAM R/W CHECK (MARCHING)	***PASS
TEST 2015	ALPG	(2)	YSCRAM R/W CHECK (MARCHING)	***PASS
TEST 2016	ALPG	(2)	ARIRAM R/W CHECK (MARCHING)	***PASS
TEST 2017	ALPG	(2)	MARK MEMORY R/W CHECK (MARCHING)	***PASS
TEST 2018	ALPG	(2)	CBM1 R/W CHECK (MARCHING)	***PASS
TEST 2019	ALPG	(2)	CBM2 R/W CHECK (MARCHING)	***PASS
TEST 2020	ALPG	(3)	TBRST(TESTER BUS RESET) CHECK	***PASS
TEST 2021	ALPG	(3)	PG RESET(CONTROL REG.) CHECK	***PASS
TEST 2050	ALPG	(6)	UNIVERSAL COUNTER CLEAR CHECK	***PASS
TEST 2052	ALPG	(6)	UNIVERSAL COUNTER REAL-TIME(RT) CHECK	***PASS
TEST 2053	ALPG	(6)	STA(START PC) REG. BIT CHECK	***PASS
TEST 2054	ALPG	(6)	PG STOP CHECK	***PASS
TEST 2055	ALPG	(6)	PG RESET CHECK	***PASS
TEST 2060	ALPG	(7)	NOP INSTRUCTION CHECK	***PASS
TEST 2061	ALPG	(7)	JMP INSTRUCTION CHECK	***PASS
TEST 2063	ALPG	(7)	STPS INSTRUCTION CHECK(PASS FLAG)	***PASS
TEST 2064	ALPG	(7)	SPFL INSTRUCTION CHECK(FAIL FLAG)	***PASS
TEST 2070	ALPG	(8)	PC LINE CHECK 1 (IPC OUT)	***PASS
TEST 2071	ALPG	(8)	PC LINE CHECK 2 (EPC OUT & IESTK)	***PASS
TEST 2072	ALPG	(8)	PC LINE CHECK 3 (CDB OUT)	***PASS
TEST 2073	ALPG	(8)	PC(EPC) & TEST LINE CHECK(AGEN OUT)	***PASS
TEST 2080	ALPG	(9)	TG CONTROL SIGNAL CHECK	***PASS
TEST 2100	ALPG	(11)	PC NOP/JMP CHECK	***PASS
TEST 2101	ALPG	(11)	PC NOP/RTN CHECK	***PASS
TEST 2102	ALPG	(11)	PC JMP/RTN CHECK	***PASS
TEST 2103	ALPG	(11)	PC JSR/RTN INSTRUCTION CHECK	***PASS
TEST 2104	ALPG	(11)	PC SUBROUTINE STACK BIT CHECK	***PASS
TEST 2105	ALPG	(11)	PC STACK OVER/UNDER ERROR CHECK	***PASS
TEST 2106	ALPG	(11)	PC IDXI1-8 INSTRUCTION CHECK	***PASS
TEST 2110	ALPG	(12)	PC JN11-8 INSTRUCTION CHECK 1 (JNIN .-1)	***PASS
TEST 2111	ALPG	(12)	PC JN11-8 INSTRUCTION CHECK 2 (JNIN .)	***PASS
TEST 2112	ALPG	(12)	PC JN11-8 INSTRUCTION CHECK 3 (ZERO FLAG)	***PASS
TEST 2113	ALPG	(12)	PC JNC1-8 INSTRUCTION CHECK	***PASS

TEST 2120	ALPG (13)	PC JZD INSTRUCTION CHECK	***PASS
TEST 2121	ALPG (13)	PC WAIT INSTRUCTION CHECK	***PASS
TEST 2122	ALPG (13)	PC OUT INSTRUCTION CHECK	***PASS
TEST 2123	ALPG (13)	PC STPS INSTRUCTION CHECK	***PASS
TEST 2124	ALPG (13)	PC STFL INSTRUCTION CHECK	***PASS
TEST 2125	ALPG (13)	PC T, TM1, TM2 INSTRUCTION CHECK	***PASS
TEST 2126	ALPG (13)	PC PCSYNC SIGNAL CHECK	***PASS
TEST 2130	ALPG (14)	PC INSTRUCTION COMBINATION CHECK -1	***PASS
TEST 2131	ALPG (14)	PC INSTRUCTION COMBINATION CHECK -2	***PASS
TEST 2132	ALPG (14)	PC IDX1-8 DATA LOAD TIMMING CHECK	***PASS
TEST 2133	ALPG (14)	PC IDXR1-8 DATA READ TIMMING CHECK	***PASS
TEST 2134	ALPG (14)	PC PCC MODE FUNCTION CHECK -1	***PASS
TEST 2135	ALPG (14)	PC PCC MODE FUNCTION CHECK -2	***PASS
TEST 2136	ALPG (14)	PC PCC MODE FUNCTION CHECK -3	***PASS
TEST 2137	ALPG (14)	PC PCC MODE FUNCTION CHECK -4	***PASS
TEST 2138	ALPG (14)	PC PCC 1 MODE FUNCTION CHECK	***PASS
TEST 2139	ALPG (14)	PC INSTRUCTION COMBINATION CHECK -3	***PASS
TEST 2140	ALPG (15)	PC TRACE MODE INSTRUCTION CHECK-1	***PASS
TEST 2141	ALPG (15)	PC TRACE MODE INSTRUCTION CHECK-2	***PASS
TEST 2150	ALPG (16)	PC EPC GENERATION BIT CHECK	***PASS
TEST 2151	ALPG (16)	PC EPC GENERATION COMBINATION CHECK	***PASS
TEST 2152	ALPG (16)	PC EPC TRACE MODE CHECK	***PASS
TEST 2160	ALPG (17)	PC EPC GENERATION & INTERRUPT(1)	***PASS
TEST 2161	ALPG (17)	PC EPC GENERATION & INTERRUPT(2)	***PASS
TEST 2200	ALPG (21)	AGEN SET INSTRUCTION CHECK 1	***PASS
TEST 2201	ALPG (21)	AGEN SET INSTRUCTION CHECK 2	***PASS
TEST 2202	ALPG (21)	AGEN XT FUNCTION CHECK	***PASS
TEST 2203	ALPG (21)	AGEN YT FUNCTION CHECK	***PASS
TEST 2204	ALPG (21)	AGEN XB INSTRUCTION CHECK	***PASS
TEST 2205	ALPG (21)	AGEN YB INSTRUCTION CHECK	***PASS
TEST 2210	ALPG (22)	AGEN D3 INSTRUCTION CHECK	***PASS
TEST 2211	ALPG (22)	AGEN D4 INSTRUCTION CHECK	***PASS
TEST 2212	ALPG (22)	AGEN D3 D4 REGISTER LINK CHECK	***PASS
TEST 2213	ALPG (22)	AGEN X-ALU SOURCE A FIELD CHECK	***PASS
TEST 2214	ALPG (22)	AGEN Y-ALU SOURCE A FIELD CHECK	***PASS
TEST 2215	ALPG (22)	AGEN X-ALU SOURCE B FIELD CHECK	***PASS
TEST 2216	ALPG (22)	AGEN Y-ALU SOURCE B FIELD CHECK	***PASS
TEST 2220	ALPG (23)	AGEN X-ALU OPERATION FIELD CHECK	***PASS
TEST 2221	ALPG (23)	AGEN Y-ALU OPERATION FIELD CHECK 1	***PASS
TEST 2222	ALPG (23)	AGEN Y-ALU OPERATION FIELD CHECK 2	***PASS
TEST 2223	ALPG (23)	AGEN Y-ALU OPERATION FIELD CHECK 3	***PASS
TEST 2224	ALPG (23)	AGEN Y-ALU OPERATION FIELD CHECK 4	***PASS
TEST 2225	ALPG (23)	AGEN Y-ALU OPERATION FIELD CHECK 5	***PASS
TEST 2226	ALPG (23)	AGEN X-ALU DESTINATION FIELD CHECK	***PASS
TEST 2227	ALPG (23)	AGEN Y-ALU DESTINATION FIELD CHECK	***PASS
TEST 2230	ALPG (24)	AGEN X-OUT(L<(XC,XB,XS)) DATA MUX CHECK	***PASS
TEST 2231	ALPG (24)	AGEN Y-OUT(H<(YC,YB,YS)) DATA MUX CHECK	***PASS
TEST 2232	ALPG (24)	AGEN XB CARRY CHECK	***PASS
TEST 2233	ALPG (24)	AGEN XC CARRY CHECK	***PASS
TEST 2234	ALPG (24)	AGEN YB CARRY CHECK	***PASS
TEST 2235	ALPG (24)	AGEN YC CARRY CHECK	***PASS
TEST 2236	ALPG (24)	AGEN LMAX<>HMAX INSTRUCTION CHECK	***PASS
TEST 2240	ALPG (25)	AGEN Z INSTRUCTION CHECK 1	***PASS
TEST 2241	ALPG (25)	AGEN Z INSTRUCTION CHECK 2	***PASS
TEST 2242	ALPG (25)	AGEN Z INSTRUCTION CHECK 3	***PASS
TEST 2243	ALPG (25)	AGEN N INSTRUCTION CHECK	***PASS
TEST 2244	ALPG (25)	AGEN X MUX (X<L,X<H,X<L'Z,X<Z) CHECK	***PASS

TEST 2245	ALPG (25)	AGEN Y MUX (Y<L,Y<H,Y<L'Z,Y<Z) CHECK	***PASS
TEST 2246	ALPG (25)	AGEN /X INSTRUCTION CHECK	***PASS
TEST 2247	ALPG (25)	AGEN /Y INSTRUCTION CHECK	***PASS
TEST 2248	ALPG (25)	AGEN /Z INSTRUCTION CHECK	***PASS
TEST 2250	ALPG (26)	AGEN XMAX MASK CHECK	***PASS
TEST 2251	ALPG (26)	AGEN YMAX MASK CHECK	***PASS
TEST 2252	ALPG (26)	AGEN ZMAX MASK CHECK	***PASS
TEST 2253	ALPG (26)	AGEN X-Z MULTIPLEXER (XZ ENABLE) CHECK	***PASS
TEST 2254	ALPG (26)	AGEN Y-Z MULTIPLEXER (YZ ENABLE) CHECK	***PASS
TEST 2255	ALPG (26)	AGEN X-N MULTIPLEXER (XN ENABLE) CHECK	***PASS
TEST 2256	ALPG (26)	AGEN Y-N MULTIPLEXER (YN ENABLE) CHECK	***PASS
TEST 2257	ALPG (26)	AGEN RF COUNTER CHECK	***PASS
TEST 2260	ALPG (27)	AGEN X OFFSET ADDRESS ADDER CHECK	***PASS
TEST 2261	ALPG (27)	AGEN Y OFFSET ADDRESS ADDER CHECK	***PASS
TEST 2270	ALPG (28)	AGEN ILM-SET INSTRUCTION CHECK	***PASS
TEST 2271	ALPG (28)	AGEN XB EX-INSTRUCTION CHECK	***PASS
TEST 2272	ALPG (28)	AGEN YB EX-INSTRUCTION CHECK	***PASS
TEST 2273	ALPG (28)	AGEN D3 EX-INSTRUCTION CHECK	***PASS
TEST 2274	ALPG (28)	AGEN D4 EX-INSTRUCTION CHECK	***PASS
TEST 2275	ALPG (28)	AGEN XC EX-INSTRUCTION CHECK 1	***PASS
TEST 2276	ALPG (28)	AGEN YC EX-INSTRUCTION CHECK 1	***PASS
TEST 2277	ALPG (28)	AGEN XC EX-INSTRUCTION CHECK 2	***PASS
TEST 2278	ALPG (28)	AGEN YC EX-INSTRUCTION CHECK 2	***PASS
TEST 2280	ALPG (29)	AGEN ILM XB CARRY CHECK	***PASS
TEST 2281	ALPG (29)	AGEN ILM XC CARRY CHECK	***PASS
TEST 2282	ALPG (29)	AGEN ILM YB CARRY CHECK	***PASS
TEST 2283	ALPG (29)	AGEN ILM YC CARRY CHECK	***PASS
TEST 2284	ALPG (29)	AGEN Z EX-INSTRUCTION CHECK	***PASS
TEST 2285	ALPG (29)	AGEN N EX-INSTRUCTION CHECK	***PASS
TEST 2286	ALPG (29)	AGEN PSCROFF/SCROFF OUTPUT CHECK	***PASS
TEST 2300	ALPG (31)	PRESCRAM FORMAT REG R/W CHECK	***PASS
TEST 2301	ALPG (31)	PRESCRAM PREXSCRAM ADDRESS SELECT CHECK	***PASS
TEST 2302	ALPG (31)	PRESCRAM PREYSCRAM ADDRESS SELECT CHECK	***PASS
TEST 2303	ALPG (31)	PRESCRAM PREXSCRAM MULTIPLEX CHECK	***PASS
TEST 2304	ALPG (31)	PRESCRAM PREYSCRAM MULTIPLEX CHECK	***PASS
TEST 2305	ALPG (31)	PRESCRAM PREXSCRAM CONVERSION CHECK	***PASS
TEST 2306	ALPG (31)	PRESCRAM PREYSCRAM CONVERSION CHECK	***PASS
TEST 2307	ALPG (31)	PRESCRAM P.S.MODE X ADDRESS ON/OFF CHECK	***PASS
TEST 2308	ALPG (31)	PRESCRAM P.S.MODE Y ADDRESS ON/OFF CHECK	***PASS
TEST 2310	ALPG (32)	SCRAM FORMAT REG. R/W CHECK	***PASS
TEST 2311	ALPG (32)	SCRAM XSCRAM ADDRESS SELECT CHECK	***PASS
TEST 2312	ALPG (32)	SCRAM YSCRAM ADDRESS SELECT CHECK	***PASS
TEST 2313	ALPG (32)	SCRAM XSCRAM MULTIPLEX CHECK (UX0-15)	***PASS
TEST 2314	ALPG (32)	SCRAM YSCRAM MULTIPLEX CHECK (UY0-15)	***PASS
TEST 2315	ALPG (32)	SCRAM XSCRAM CONVERSION CHECK (UX0-15)	***PASS
TEST 2316	ALPG (32)	SCRAM YSCRAM CONVERSION CHECK (UY0-15)	***PASS
TEST 2320	ALPG (33)	SCRAM XSCRAM MULTIPLEX CHECK (FX0-15)	***PASS
TEST 2321	ALPG (33)	SCRAM YSCRAM MULTIPLEX CHECK (FY0-15)	***PASS
TEST 2322	ALPG (33)	PRESCRAM REAL TIME OFF CHECK	***PASS
TEST 2323	ALPG (33)	SCRAM REAL TIME OFF CHECK 1 (UX,UY)	***PASS
TEST 2324	ALPG (33)	SCRAM REAL TIME OFF CHECK 2 (FX,FY)	***PASS
TEST 2325	ALPG (33)	SCRAM XSCRAM CONVERSION CHECK (FX0-15)	***PASS
TEST 2326	ALPG (33)	SCRAM YSCRAM CONVERSION CHECK (FY0-15)	***PASS
TEST 2330	ALPG (34)	SCRAM XSYNC MODE FUNCTION CHECK	***PASS
TEST 2331	ALPG (34)	SCRAM YSYNC MODE FUNCTION CHECK	***PASS
TEST 2332	ALPG (34)	MAIN SCRAM SYNC MODE FUNCTION CHECK	***PASS
TEST 2340	ALPG (35)	SCRAM XWINDOW FUNCTION CHECK	***PASS

TEST 2341 ALPG (35)	SCRAM YWINDOW FUNCTION CHECK	***PASS
TEST 2342 ALPG (35)	SCRAM WINDOW MODE FUNCTION CHECK	***PASS
TEST 2350 ALPG (36)	PRESCRAM P.S.CONT REG ON/OFF CHECK	***PASS
TEST 2351 ALPG (36)	PRESCRAM Y PLUS Z FUNCTION CHECK	***PASS
TEST 2352 ALPG (36)	PRESCRAM Y XOR Z FUNCTION CHECK	***PASS
TEST 2353 ALPG (36)	PRESCRAM P.S.MODE SELECT CHECK	***PASS
TEST 2360 ALPG (37)	SCRAM PDS ADDRESS ACCESS CHECK 1 (PX PY)	***PASS
TEST 2361 ALPG (37)	SCRAM FM ADDRESS ACCESS CHECK 1 (PX PY)	***PASS
TEST 2362 ALPG (37)	SCRAM PDS ADDRESS ACCESS CHECK 2 (FX FY)	***PASS
TEST 2363 ALPG (37)	SCRAM FM ADDRESS ACCESS CHECK 2 (FX FY)	***PASS
TEST 2364 ALPG (37)	SCRAM DIVIDE MODE FUNCTION CHECK 1 (PX PY)	***PASS
TEST 2365 ALPG (37)	SCRAM DIVIDE MODE FUNCTION CHECK 2 (FX FY)	***PASS
TEST 2400 ALPG (41)	DGEN SET INSTRUCTION CHECK 1	***PASS
TEST 2401 ALPG (41)	DGEN SET INSTRUCTION CHECK 2	***PASS
TEST 2402 ALPG (41)	DGEN TP1 REGISTER FUNCTION CHECK	***PASS
TEST 2403 ALPG (41)	DGEN TP2 REGISTER FUNCTION CHECK	***PASS
TEST 2404 ALPG (41)	DGEN /D1 & DCMR1 FUNCTION CHECK	***PASS
TEST 2405 ALPG (41)	DGEN /D2 & DCMR2 FUNCTION CHECK	***PASS
TEST 2406 ALPG (41)	DGEN DATA HOLD INSTRUCTION(PD) CHECK	***PASS
TEST 2407 ALPG (41)	DGEN DATA PARITY MODE CHECK (MODE PARITY)	***PASS
TEST 2410 ALPG (42)	DGEN DSD,RCD,CCD REG. FUNCTION CHECK	***PASS
TEST 2411 ALPG (42)	DGEN FP0 FUNCTION CHECK	***PASS
TEST 2412 ALPG (42)	DGEN FP1(X0.XOR.Y0) FUNCTION CHECK	***PASS
TEST 2413 ALPG (42)	DGEN FP3(X=Y+DSD) FUNCTION CHECK	***PASS
TEST 2414 ALPG (42)	DGEN FP4(X=/(Y+DSD)) FUNCTION CHECK	***PASS
TEST 2415 ALPG (42)	DGEN FP7(MASK PARITY) FUNCTION CHECK	***PASS
TEST 2416 ALPG (42)	DGEN FP8(X=RCD) FUCNTION CHECK	***PASS
TEST 2417 ALPG (42)	DGEN FP9(Y=CCD) FUNCTION CHECK	***PASS
TEST 2418 ALPG (42)	DGEN FP10(X=RCD.AND.Y=CCD) FUNCTION CHECK	***PASS
TEST 2419 ALPG (42)	DGEN FP FUNCTION DATA INVERT CHECK	***PASS
TEST 2420 ALPG (43)	DGEN ARIRAM ADDRESS FORMAT REG R/W CHECK	***PASS
TEST 2421 ALPG (43)	DGEN ARIRAM ADDRESS SELECT FUNCTION CHECK	***PASS
TEST 2422 ALPG (43)	DGEN ARIRAM DATA INVERT CHECK	***PASS
TEST 2423 ALPG (43)	DGEN ARIRAM DATA BIT CHECK	***PASS
TEST 2424 ALPG (43)	DGEN ARIRAM SIGNAL HOLD CHECK	***PASS
TEST 2425 ALPG (43)	DGEN ARIRAM INVERT REAL TIME INHIBIT CHECK	***PASS
TEST 2430 ALPG (44)	DGEN TPXOR FUNCTION CHECK	***PASS
TEST 2431 ALPG (44)	DGEN DSC FUNCTION CHECK	***PASS
TEST 2432 ALPG (44)	DGEN CBMAP FUNCTION CHECK	***PASS
TEST 2433 ALPG (44)	DGEN DSYNC FUNCTION CHECK	***PASS
TEST 2434 ALPG (44)	DGEN DCF FUNCTION CHECK	***PASS
TEST 2435 ALPG (44)	DGEN DSEL(TP1/2/XOR) FUNCTION CHECK	***PASS
TEST 2436 ALPG (44)	DGEN TPS1 FUNCTION CHECK	***PASS
TEST 2437 ALPG (44)	DGEN TPS2 FUNCTION CHECK	***PASS
TEST 2440 ALPG (45)	DGEN TP1 EX-INSTRUCTION CHECK 1	***PASS
TEST 2441 ALPG (45)	DGEN TP2 EX-INSTRUCTION CHECK 1	***PASS
TEST 2442 ALPG (45)	DGEN TP1 EX-INSTRUCTION CHECK 2	***PASS
TEST 2443 ALPG (45)	DGEN TP2 EX-INSTRUCTION CHECK 2	***PASS
TEST 2444 ALPG (45)	DGEN CBMAP EX-INSTRUCTION CHECK	***PASS
TEST 2450 ALPG (46)	DGEN BWPE BD/CD/MD RF R/W CHECK	***PASS
TEST 2451 ALPG (46)	DGEN BWPE ADDRESS SEL R/W CHECK	***PASS
TEST 2452 ALPG (46)	DGEN BWPE ADDRESS SEL FUNCTION CHECK	***PASS
TEST 2453 ALPG (46)	DGEN BWPE BD/CD/MD REAL-TIME WRITE CHECK	***PASS
TEST 2454 ALPG (46)	DGEN BWPE BD/CD/MD REAL-TIME READ CHECK	***PASS
TEST 2455 ALPG (46)	DGEN BWPE BD EMULATION CHECK	***PASS
TEST 2456 ALPG (46)	DGEN BWPE CD EMULATION CHECK	***PASS
TEST 2457 ALPG (46)	DGEN BWPE MD EMULATION CHECK	***PASS

TEST 2458 ALPG (46) DGEN BWPE TP1 EMULATION CHECK	***PASS
TEST 2459 ALPG (46) DGEN BWPE TP2 EMULATION CHECK	***PASS
TEST 2500 ALPG (51) CDB CBMA/CBMB DATA OUTPUT CHECK	***PASS
TEST 2501 ALPG (51) CDB DA/DB DATA OUTPUT CHECK	***PASS
TEST 2502 ALPG (51) CDB DA/DB DATA SELECT CHECK	***PASS
TEST 2503 ALPG (51) CDB DSC OUTPUT CHECK	***PASS
TEST 2504 ALPG (51) CDB DCF OUTPUT CHECK	***PASS
TEST 2505 ALPG (51) CDB ARI DATA OUTPUT CHECK	***PASS
TEST 2506 ALPG (51) CDB ARI SIGNAL HOLD CHECK	***PASS
TEST 2507 ALPG (51) CDB ARI CONTROL REAL-TIME INHIBIT CHECK	***PASS
TEST 2510 ALPG (52) CDB TS0-3 OUTPUT CHECK	***PASS
TEST 2511 ALPG (52) CDB TS SYNC SELECT CHECK	***PASS
TEST 2512 ALPG (52) CDB FM CONTROL SIGNAL OUTPUT CHECK	***PASS
TEST 2513 ALPG (52) CDB MUT SYNC SIGNAL SELECT CHECK	***PASS
TEST 2514 ALPG (52) CDB MUT CONTROL BIT OUTPUT CHECK	***PASS
TEST 2515 ALPG (52) CDB PPS CONTROL SIGNAL SELECT CHECK	***PASS
TEST 2520 ALPG (53) CDB PREF FUNCTION CHECK	***PASS
TEST 2521 ALPG (53) CDB CPE1-4,DRE1-2,RINV BIT CHECK	***PASS
TEST 2522 ALPG (53) CDB CPE1-4,DRE1-2,RINV SELECT CHECK	***PASS
TEST 2523 ALPG (53) CDB WINDOW MODE CHECK	***PASS
TEST 2524 ALPG (53) CDB FLAG OUTPUT CHECK	***PASS
TEST 2525 ALPG (53) CDB SYNC SELECT CHECK	***PASS
TEST 2600 ALPG (61) PGCONT U.C. CHECK (PATTERN COUNT MODE)	***PASS
TEST 2601 ALPG (61) PGCONT U.C. CHECK (SYNC COUNT MODE)	***PASS
TEST 2602 ALPG (61) PGCONT U.C. CHECK (FAIL COUNT MODE)	***PASS
TEST 2603 ALPG (61) PGCONT FAIL TRIGGER OUTPUT CHECK	***PASS
TEST 2604 ALPG (61) PGCONT STATE TRIG OUTPUT CHECK	***PASS
TEST 2605 ALPG (61) PGCONT TIMER1(GENERAL TIMER) FULL BIT COUNT	***PASS
TEST 2606 ALPG (61) PGCONT TIMER2(PAUSE TIMER) FULL BIT COUNT	***PASS
TEST 2610 ALPG (62) PGCONT TIMER OPERATION CHECK-1 (TIMER DATA=#1)	***PASS
TEST 2611 ALPG (62) PGCONT TIMER OPERATION CHECK-2(FIRST PATTERN)	***PASS
TEST 2613 ALPG (62) PGCONT TIMER CHECK (JET INSTRUCTION CHECK)	***PASS
TEST 2614 ALPG (62) PGCONT TIMER BRANCH MODE CHECK	***PASS
TEST 2615 ALPG (62) PGCONT TIMER REFRESH-A MODE CHECK(RESTART)	***PASS
TEST 2616 ALPG (62) PGCONT TIMER REFRESH-B MODE CHECK(RESTART)	***PASS
TEST 2620 ALPG (63) PGCONT TIMER1 RANGE CHECK (CURRENT CLK)	***PASS
TEST 2621 ALPG (63) PGCONT TIMER1 RANGE CHECK (TIMER RANGE)	***PASS
TEST 2622 ALPG (63) PGCONT TIMER2 RANGE CHECK (TIMER RANGE)	***PASS
TEST 2623 ALPG (63) PGCONT TIMER PAUSE MODE CHECK	***PASS
TEST 2624 ALPG (63) PGCONT TM1 TM2 FUNCTION CHECK	***PASS
TEST 2630 ALPG (64) PC INTERRUPT CHECK (ISP REG. BIT CHECK, REF-B)	***PASS
TEST 2631 ALPG (64) PC INTERRUPT CHECK (INTERRUPT RETURN, REF-B)	***PASS
TEST 2632 ALPG (64) PC INTERRUPT CHECK (ISTK BIT CHECK, REF-B)	***PASS
TEST 2633 ALPG (64) PC INTERRUPT CHECK (JSR INST, REF-B)	***PASS
TEST 2634 ALPG (64) PC INTERRUPT CHECK (IDXI INST, OP.=0, REF-B)	***PASS
TEST 2635 ALPG (64) PC INTERRUPT CHECK (IDXI INST, OP.<>0, REF-B)	***PASS
TEST 2636 ALPG (64) PC INTERRUPT CHECK (JNI OP.=PC, IDX=0, REF-B)	***PASS
TEST 2637 ALPG (64) PC INTERRUPT CHECK (JNI OP.=PC, IDX<>0, REF-B)	***PASS
TEST 2638 ALPG (64) PC INTERRUPT CHECK (JNI INST, OP.<>PC, REF-B)	***PASS
TEST 2640 ALPG (65) PC INTERRUPT CHECK (RTN INST, REF-B)	***PASS
TEST 2641 ALPG (65) PC INTERRUPT CHECK (STPS INST, REF-B)	***PASS
TEST 2642 ALPG (65) PC INTERRUPT CHECK (STFL INST, REF-B)	***PASS
TEST 2643 ALPG (65) PC INTERRUPT CHECK (PCC MODE=2, REF-B)	***PASS
TEST 2644 ALPG (65) PC INTERRUPT CHECK (I INST, REF-B)	***PASS
TEST 2645 ALPG (65) PC INTERRUPT CHECK (NOP OR JMP INST, BRANCH)	***PASS
TEST 2646 ALPG (65) PC INTERRUPT CHECK (JSR OR RTN&STACK BRANCH)	***PASS
TEST 2650 ALPG (66) PC INTERRUPT CHECK (IDXI INST, OP.<>0, BRANCH)	***PASS

TEST 2651 ALPG (66)	PC INTERRUPT CHECK (IDX1 INST,OP.=0,BRANCH)	***PASS
TEST 2652 ALPG (66)	PC INTERRUPT CHECK (JNI INST,OP.=PC,BRANCH)	***PASS
TEST 2653 ALPG (66)	PC INTERRUPT CHECK (JNI INST,OP.<>PC,BRANCH)	***PASS
TEST 2660 ALPG (67)	PC FLGLI1 INSTRUCTION MATCH DETECTOR CHECK -1	***PASS
TEST 2661 ALPG (67)	PC FLGLI1 INSTRUCTION MATCH DETECTOR CHECK -2	***PASS
TEST 2662 ALPG (67)	PC FLGLI1 INSTRUCTION MATCH DETECTOR CHECK -3	***PASS
TEST 2700 ALPG (71)	PGCONT REPEAT FUNCTION CHECK (RESTART)	***PASS
TEST 2701 ALPG (71)	PGCONT REPEAT FUNCTION CHECK (PASS/FAIL STATUS)	***PASS
TEST 2702 ALPG (71)	PGCONT REPEAT FUNCTION CHECK (PASS/FAIL INH)	***PASS
TEST 2703 ALPG (71)	PGCONT REPEAT FUNCTION CHECK (STACK ERROR INTR)	***PASS
TEST 2704 ALPG (71)	PGCONT REPEAT FUNCTION CHECK (STACK ERR REPT.)	***PASS
TEST 2705 ALPG (71)	PGCONT REPEAT FUNCTION CHECK (REPT. STOP)	***PASS
TEST 2706 ALPG (71)	PGCONT REPEAT FUNCTION CHECK (FAIL STOP REPEAT)	***PASS
TEST 2707 ALPG (71)	PGCONT REPEAT FUNCTION CHECK (FAIL STOP INH)	***PASS
TEST 2710 ALPG (72)	PGCONT TRACE STEP FUNCTION CHECK	***PASS
TEST 2711 ALPG (72)	PGCONT TRACE BREAK ON PC FUNCTION CHECK	***PASS
TEST 2712 ALPG (72)	PGCONT TRACE BREAK ON PATTERN FUNCTION CHECK	***PASS
TEST 2713 ALPG (72)	PGCONT TRACE BREAK ON SYNC FUNCTION CHECK	***PASS
TEST 2714 ALPG (72)	PGCONT TRACE MODE STPS/STFL STOP CHECK	***PASS
TEST 2715 ALPG (72)	PGCONT TRACE MODE PASS/FAIL FLAG CHECK	***PASS
TEST 2716 ALPG (72)	PGCONT TRACE & REPEAT MODE FUNCTION CHECK	***PASS
TEST 2717 ALPG (72)	PGCONT TRACE BREAK ON PC CONTIOUS CHECK	***PASS
TEST 2718 ALPG (72)	PGCONT TRACE BREAK ON PATTERN CONTIOUS CHECK	***PASS
TEST 2719 ALPG (72)	PGCONT TRACE BREAK ON SYNC CONTIOUS CHECK	***PASS
TEST 2720 ALPG (73)	PGCONT TRACE MODE WCS0-1 READ & TRACE CONTINUE	***PASS
TEST 2721 ALPG (73)	PGCONT TRACE MODE TS DATA OUTPUT READ CHECK	***PASS
TEST 2722 ALPG (73)	PGCONT TRACE MODE MUT SIGNAL OUTPUT READ CHECK	***PASS
TEST 2723 ALPG (73)	PGCONT TRACE MODE X ADDRESS OUTPUT READ CHECK	***PASS
TEST 2724 ALPG (73)	PGCONT TRACE MODE Y ADDRESS OUTPUT READ CHECK	***PASS
TEST 2725 ALPG (73)	PGCONT TRACE MODE DA DATA OUTPUT READ CHECK	***PASS
TEST 2726 ALPG (73)	PGCONT TRACE MODE DB DATA OUTPUT READ CHECK	***PASS
TEST 2727 ALPG (73)	PGCONT TRACE MODE FAIL STOP INHIBIT CHECK	***PASS
TEST 2728 ALPG (73)	PGCONT TRACE MODE STACK ERROR STOP CHECK	***PASS
TEST 2730 ALPG (74)	PGCONT FAIL STOP FUNCTION CHECK	***PASS
TEST 2750 ALPG (76)	PGCONT OUT FUNCTION PRECHECK 1	***PASS
TEST 2752 ALPG (76)	PGCONT OUT FUNCTION PRECHECK 3	***PASS
TEST 2753 ALPG (76)	PGCONT OUT FUNCTION PRECHECK 4	***PASS
TEST 2755 ALPG (76)	PGCONT OUT FUNCTION PRECHECK 6	***PASS
TEST 2756 ALPG (76)	PGCONT OUT FUNCTION PRECHECK 7	***PASS
TEST 2757 ALPG (76)	PGI/F OUT FUNCTION PRECHECK 8	***PASS
TEST 2760 ALPG (77)	PGI/F OUT OBM ADDRESS POINTER BIT CHECK	***PASS
TEST 2761 ALPG (77)	PGI/F OUT START BLOCK SELECT CHECK 1	***PASS
TEST 2762 ALPG (77)	PGI/F OUT START BLOCK SELECT CHECK 2	***PASS
TEST 2763 ALPG (77)	PGI/F OUT DATA BIT CHECK	***PASS
TEST 2764 ALPG (77)	PGI/F OUT FUNCTION CHECK 1	***PASS
TEST 2765 ALPG (77)	PGI/F OUT FUNCTION CHECK 2	***PASS
TEST 2766 ALPG (77)	PGI/F OUT FUNCTION CHECK 3	***PASS
TEST 2767 ALPG (77)	PGI/F OUT FUNCTION CHECK 4	***PASS
TEST 2768 ALPG (77)	PGI/F OUT TIMER BIT CHECK	***PASS
TEST 2769 ALPG (77)	PGI/F OUT FUNCTION CHECK 5	***PASS
TEST 2770 ALPG (78)	PGI/F OUT HOLD CHECK	***PASS
TEST 2771 ALPG (78)	PGI/F OUT CONTINUE CHECK	***PASS
TEST 2772 ALPG (78)	PGI/F OUT HOLD-CONTINUE CHECK	***PASS
TEST 2773 ALPG (78)	PGI/F OUT ERROR CHECK	***PASS
TEST 2774 ALPG (78)	PGI/F OUT TIMER ERROR CHECK	***PASS
TEST 2775 ALPG (78)	PGI/F OUT RESET CHECK 1 (PG END)	***PASS
TEST 2776 ALPG (78)	PGI/F OUT RESET CHECK 2 (PG RESET)	***PASS

TEST 2777 ALPG (78)	PGI/F OUT RESET CHECK 3 (TBRST)	***PASS
TEST 2778 ALPG (78)	PGI/F OUT WAIT HOLD-CONTINUE CHECK	***PASS
TEST 2800 ALPG (81)	DFM REGISTER R/W CHECK(M/S SEL REG)	***PASS
TEST 2801 ALPG (81)	DFM REGISTER R/W CHECK(DFM MODE REG)	***PASS
TEST 2802 ALPG (81)	DFM REGISTER R/W CHECK(DFM COUNTER)	***PASS
TEST 2803 ALPG (81)	DFM REGISTER R/W CHECK(STOP COUNT REG)	***PASS
TEST 2804 ALPG (81)	DFM REGISTER R/W CHECK(FM MEM SEL-PGCONT)	***PASS
TEST 2805 ALPG (81)	DFM REGISTER R/W CHECK(AFMAP)	***PASS
TEST 2806 ALPG (81)	DFM REGISTER R/W CHECK(FM RESET-PGCONT)	***PASS
TEST 2807 ALPG (81)	DFM REGISTER R/W CHECK(DFMAP-PGCONT)	***PASS
TEST 2808 ALPG (81)	DFM REGISTER R/W CHECK(M/S SELECT)	***PASS
TEST 2809 ALPG (81)	DFM REGISTER R/W CHECK(DFMAP INC-1)	***PASS
TEST 2810 ALPG (82)	DFM REGISTER R/W CHECK(FM MEM SEL-ALPG)	***PASS
TEST 2811 ALPG (82)	DFM REGISTER R/W CHECK(FM RESET-ALPG)	***PASS
TEST 2812 ALPG (82)	DFM REGISTER R/W CHECK(DFMAP-ALPG)	***PASS
TEST 2813 ALPG (82)	DFM REGISTER R/W CHECK(DFMAP INC-2)	***PASS
TEST 2820 ALPG (83)	DFM AP(PGCNT) M/S CONTROL CHECK	***PASS
TEST 2821 ALPG (83)	DFM AP(PGCONT) FULL COUNT CHECK	***PASS
TEST 2822 ALPG (83)	DFM AP(PGCONT) SELECT CHECK	***PASS
TEST 2823 ALPG (83)	DFM COUNTER & AFMAP COUNT CHECK	***PASS
TEST 2824 ALPG (83)	DFM COUNTER & AFMAP CARRY CHECK	***PASS
TEST 2825 ALPG (83)	DFM COUNTER & AFMAP COMP. CHECK	***PASS
TEST 2826 ALPG (83)	DFM COUNTER & AFMAP SELECT CHECK	***PASS
TEST 2830 ALPG (84)	DFM MARK MEMORY STORE CHECK(DATA BIT)	***PASS
TEST 2831 ALPG (84)	DFM MARK MEMORY STORE CHECK(STORE SEL)	***PASS
TEST 2832 ALPG (84)	DFM MARK MEMORY STORE CHECK(ALL ADRS)	***PASS
TEST 2833 ALPG (84)	DFM MARK MEMORY STORE CHECK(FSTOP INH)	***PASS
TEST 2834 ALPG (84)	DFM MARK MEMORY STORE CHECK(FSTOP FIRST)	***PASS
TEST 2835 ALPG (84)	DFM MARK MEMORY STORE CHECK(FSTOP LAST)	***PASS
TEST 2836 ALPG (84)	DFM STORE SIG OUTPUT CHECK	***PASS
TEST 2840 ALPG (85)	DFM AP(ALPG) FULL COUNT CHECK	***PASS
TEST 2841 ALPG (85)	DFM AP(ALPG) STORE SEL CHECK	***PASS
TEST 2842 ALPG (85)	DFM STORE CHECK(BIT CHECK)	***PASS
TEST 2843 ALPG (85)	DFM STORE CHECK(ALL0 ALL1)	***PASS
TEST 2844 ALPG (85)	DFM STORE CHECK(PC=#155 PC=#2AA)	***PASS
TEST 2845 ALPG (85)	DFM STORE CHECK(FAIL STOP)	***PASS
TEST 2846 ALPG (85)	DFM STORE CHECK(FAIL STOP FIRST PAT)	***PASS
TEST 2847 ALPG (85)	DFM STORE CHECK(FAIL STOP LAST PAT)	***PASS
TEST 2850 ALPG (86)	DFM STORE CHECK(FAIL STOP INH MODE)	***PASS
TEST 2851 ALPG (86)	DFM STORE CHECK(STOP COUNT=0)	***PASS
TEST 2860 ALPG (87)	DISPLAY X ADR. OUTPUT CHECK	***PASS
TEST 2861 ALPG (87)	DISPLAY Y ADR. OUTPUT CHECK	***PASS
TEST 2862 ALPG (87)	DISPLAY MUT OUTPUT CHECK	***PASS
TEST 2863 ALPG (87)	DISPLAY C0-15 OUTPUT CHECK	***PASS
TEST 2864 ALPG (87)	DISPLAY PC OUTPUT CHECK	***PASS
TEST 2865 ALPG (87)	DISPLAY OUTPUT SELECT CHECK	***PASS
TEST 3001 TGFC (1)	REG R/W COMPATIBLE VERSION FC CHECK	***PASS
TEST 3002 TGFC (1)	REG R/W DR RESET INHIBIT CHECK	***PASS
TEST 3003 TGFC (1)	REG R/W PIN DEFINE TABLE SELECT CHECK	***PASS
TEST 3004 TGFC (1)	REG R/W INTERLEAVE MODE CHECK	***PASS
TEST 3005 TGFC (1)	REG R/W CHILD SELECT REGISTER CHECK	***PASS
TEST 3006 TGFC (1)	PIN DATA RESET CHECK1	***PASS
TEST 3007 TGFC (1)	TESTER BUS RESET CHECK1	***PASS
TEST 3008 TGFC (1)	REG R/W TS SET REGISTER CHECK	***PASS
TEST 3009 TGFC (1)	REG R/W RATE FIX MODE REGISTER CHECK	***PASS
TEST 3010 TGFC (1)	REG R/W EDGE CONTROL REGISTER CHECK	***PASS
TEST 3011 TGFC (1)	REG R/W POINTER MEMORY ADDRESS REG CHECK	***PASS

TEST 3012	TGFC (1)	REG R/W LINEARIZE MEMORY ADDRESS REG CHECK	***PASS
TEST 3013	TGFC (1)	REG R/W RATE DATA DIAG READ CHECK	***PASS
TEST 3014	TGFC (1)	REG R/W WIDE RANGE DIAG READ CHECK	***PASS
TEST 3015	TGFC (1)	REG R/W POINTER MEMORY DATA CHECK	***PASS
TEST 3016	TGFC (1)	REG R/W LINEARIZE MEMORY DATA CHECK	***PASS
TEST 3017	TGFC (1)	REG R/W PIN CLOCK DATA MEMORY CHECK	***PASS
TEST 3018	TGFC (1)	REG R/W PIN CLOCK CAL DATA MEMORY CHECK	***PASS
TEST 3019	TGFC (1)	TESTER BUS RESET CHECK2	***PASS
TEST 3020	TGFC (1)	TG GENERAL RESET & BUSY READ CHECK	***PASS
TEST 3021	TGFC (1)	TG INITIAL RESET CHECK1	***PASS
TEST 3022	TGFC (1)	PIN DEFINE TABLE CHECK1	***PASS
TEST 3023	TGFC (1)	UNIVERSAL MEMORY1 DATA CHECK	***PASS
TEST 3024	TGFC (1)	UNIVERSAL MEMORY2 DATA CHECK	***PASS
TEST 3051	TGFC (2)	REG R/W PM SELECT REGISTER CHECK	***PASS
TEST 3052	TGFC (2)	REG R/W PDS PIN DATA SET (DR) CHECK	***PASS
TEST 3053	TGFC (2)	REG R/W PDS PIN DATA SET (CP) CHECK	***PASS
TEST 3054	TGFC (2)	REG R/W CHILD-VD IOCOM REGISTER CHECK	***PASS
TEST 3055	TGFC (2)	REG R/W DR PRE-VD SKEW ADJ. CHECK	***PASS
TEST 3056	TGFC (2)	REG R/W DRE PRE-VD SKEW ADJ. CHECK	***PASS
TEST 3057	TGFC (2)	REG R/W DR CHILD-VD SKEW ADJ. CHECK	***PASS
TEST 3058	TGFC (2)	REG R/W DRE CHILD-VD SKEW ADJ. CHECK	***PASS
TEST 3059	TGFC (2)	REG R/W CHILD-VD DR PATTERN DIAG CHECK	***PASS
TEST 3060	TGFC (2)	REG R/W CHILD-VD CAL LOOP ENABLE CHECK	***PASS
TEST 3061	TGFC (2)	REG R/W CHILD-VD RLOOP CONTROL CHECK	***PASS
TEST 3062	TGFC (2)	REG R/W CHILD-VD PULSER CONTROL CHECK	***PASS
TEST 3063	TGFC (2)	REG R/W CHILD-VD LINE DISABLE CHECK	***PASS
TEST 3064	TGFC (2)	REG R/W CHILD-VD HEATER ADJUST CHECK	***PASS
TEST 3065	TGFC (2)	REG R/W CHILD-VD 2ND OR CHECK	***PASS
TEST 3066	TGFC (2)	REG R/W CHILD-VD PULSE WIDTH ADJUST CHECK(LOOP)	***PASS
TEST 3067	TGFC (2)	REG R/W CHILD-VD PULSE WIDTH ADJUST CHECK(PIN)	***PASS
TEST 3068	TGFC (2)	PIN DATA RESET CHECK2	***PASS
TEST 3069	TGFC (2)	TESTER BUS RESET CHECK3	***PASS
TEST 3070	TGFC (2)	PIN DEFINE TABLE CHECK2	***PASS
TEST 3101	TGFC (3)	FT PIN / ILV / EDGE DECODE CHECK	***PASS
TEST 3102	TGFC (3)	FT REGSEL / DSEL DECODE CHECK	***PASS
TEST 3103	TGFC (3)	FT BUS DATA LINE SHORT OR OPEN CHECK	***PASS
TEST 3104	TGFC (3)	FT ONLINE MEMORY R/W CHECK	***PASS
TEST 3105	TGFC (3)	FT PIN DEFINE TABLE (FC) CHECK	***PASS
TEST 3106	TGFC (3)	FT INITIAL RESET CHECK	***PASS
TEST 3107	TGFC (3)	FT PINDATA RESET CHECK	***PASS
TEST 3108	TGFC (3)	FT GENERAL RESET CHECK	***PASS
TEST 3109	TGFC (3)	FT MATCH STRB R/W CHECK	***PASS
TEST 3151	TGFC (4)	REG R/W PIN CLOCK WIDE RANGE OFFSET CHECK	***PASS
TEST 3152	TGFC (4)	REG R/W PIN CLOCK ONLINE MEMORY CHECK1	***PASS
TEST 3153	TGFC (4)	REG R/W PIN CLOCK ONLINE MEMORY CHECK2	***PASS
TEST 3154	TGFC (4)	REG R/W PIN CLOCK ONLINE MEMORY CHECK3	***PASS
TEST 3155	TGFC (4)	REG R/W PIN CLOCK ONLINE MEMORY CHECK4	***PASS
TEST 3201	TGFC (5)	REG R/W STD PRE-VD SKEW ADJ. CHECK	***PASS
TEST 3202	TGFC (5)	REG R/W STD CHILD-VD SKEW ADJ. CHECK	***PASS
TEST 3203	TGFC (5)	REG R/W STD CHILD-VD DR PATTERN DIAG	***PASS
TEST 3204	TGFC (5)	REG R/W STD CHILD-VD CAL LOOP ENABLE CHECK	***PASS
TEST 3205	TGFC (5)	REG R/W STD CHILD-VD RLOOP CONTROL CHECK	***PASS
TEST 3206	TGFC (5)	REG R/W STD CHILD-VD PULSER CONTROL CHECK	***PASS
TEST 3207	TGFC (5)	REG R/W STD CHILD-VD LINE DISABLE CHECK	***PASS
TEST 3208	TGFC (5)	REG R/W STD CHILD-VD HEATER ADJUST CHECK	***PASS
TEST 3209	TGFC (5)	REG R/W STD CHILD-VD 2ND OR CHECK	***PASS
TEST 3210	TGFC (5)	REG R/W STD CHILD-VD PULSE WIDTH ADJUST CHECK(L)	***PASS

TEST 3211	TGFC (5)	REG R/W STD CHILD-VD PULSE WIDTH ADJUST CHECK(P)	***PASS
TEST 3212	TGFC (5)	STD TIMING OFFSET ADJUST CHECK	***PASS
TEST 3301	TGFC (11)	PDS X0-X15 SEL CHECK	***PASS
TEST 3302	TGFC (11)	PDS Y0-Y15 SEL CHECK	***PASS
TEST 3303	TGFC (11)	PDS R/W/M1/M2 SEL CHECK	***PASS
TEST 3304	TGFC (11)	PDS C0-C15 SEL CHECK	***PASS
TEST 3305	TGFC (11)	PDS DA0-DA17 SEL CHECK	***PASS
TEST 3306	TGFC (11)	PDS DB0-DB17 SEL CHECK	***PASS
TEST 3309	TGFC (12)	PDS REG MUXB/D SEL CHECK	***PASS
TEST 3310	TGFC (12)	PDS REG MUXA/B/C/D INV CHECK	***PASS
TEST 3311	TGFC (12)	PDS RINV SEL CHECK	***PASS
TEST 3314	TGFC (13)	PDS ARI0-ARI17 SEL CHECK	***PASS
TEST 3315	TGFC (13)	PDS DCF1-2 & DS0-3 SEL CHECK	***PASS
TEST 3316	TGFC (13)	PDS MODE SEL CHECK	***PASS
TEST 3345	TGFC (19)	TGFC PATA/PATB INPUT CHECK	***PASS
TEST 3346	TGFC (19)	TGFC DRE1/DRE2 INPUT CHECK	***PASS
TEST 3367	TGFC (24)	TGFC PPAT INPUT CHECK	***PASS
TEST 3368	TGFC (24)	TGFC PDRE INPUT CHECK	***PASS
TEST 3381	TGFC (27)	CHILD-VD SET/RESET THROUGH CHECK	***PASS
TEST 3382	TGFC (27)	DRIVER(SET/RESET) RESET INHIBIT CHECK	***PASS
TEST 3383	TGFC (27)	RESET DRIVER(SET/RESET) CHECK	***PASS
TEST 3384	TGFC (27)	CHILD-VD DREL/T THROUGH CHECK	***PASS
TEST 3385	TGFC (27)	DRIVER(DREL/T) RESET INHIBIT CHECK	***PASS
TEST 3386	TGFC (27)	RESET DRIVER(DREL/T) CHECK	***PASS
TEST 3387	TGFC (27)	CHILD-VD SET/RESET CAL LOOP ENABLE CHECK	***PASS
TEST 3388	TGFC (27)	CHILD-VD DREL/T CAL LOOP ENABLE CHECK	***PASS
TEST 3401	TGFC (41)	FT INPUT DATA (TS/RATE/LSUB/LAST) TIMING CHECK	***PASS
TEST 3406	TGFC (42)	FT 8NS RESOLUTION SHIFT DELAY CHECK	***PASS
TEST 3407	TGFC (42)	FT 4NS RESOLUTION SUBCLOCK SELECT CHECK	***PASS
TEST 3408	TGFC (42)	FT DELAY COUNTER CHECK	***PASS
TEST 3409	TGFC (42)	FT RATE/CLOCK COMBINATION CHECK	***PASS
TEST 3411	TGFC (43)	FT HIGH RESOLUTION INTERLEAVE CHECK	***PASS
TEST 3412	TGFC (43)	FT WIDE RANGE OFFSET DATA CONTROL CHECK	***PASS
TEST 3413	TGFC (43)	FT FINE DELAY BIT DELAY CHECK	***PASS
TEST 3414	TGFC (43)	FT EXTERNAL (TO TG UNIT) LOOP MUX CHECK	***PASS
TEST 3416	TGFC (44)	FT WIDE RANGE MODE CHECK	***PASS
TEST 3421	TGFC (45)	FT LSUB FUNCTION (RATE=8.125NS) CHECK	***PASS
TEST 3422	TGFC (45)	FT LSUB FUNCTION (RATE=12NS) CHECK	***PASS
TEST 3426	TGFC (46)	FT 4*RATE FUNCTION CHECK	***PASS
TEST 3431	TGFC (47)	FT HEAT LINE FUNCTION CHECK	***PASS
TEST 3436	TGFC (48)	FT DIAG COUNTER FUNCTION CHECK	***PASS
TEST 3441	TGFC (49)	FT COMBINATION CHECK	***PASS
TEST 3442	TGFC (49)	FT HOLD CONTINUE CHECK (TG)	***PASS
TEST 3443	TGFC (49)	FT HOLD CONTINUE CHECK (FC)	***PASS
TEST 3451	TGFC (50)	FT INPUT DATA (PAT) SELECT CONTROL CHECK	***PASS
TEST 3452	TGFC (50)	FT INPUT DATA (DRE) SELECT CONTROL CHECK	***PASS
TEST 3453	TGFC (50)	FT INPUT DATA (EXP) SELECT CONTROL CHECK	***PASS
TEST 3454	TGFC (50)	FT (PATA,DRE) CYCLE SHIFT DELAY CHECK	***PASS
TEST 3455	TGFC (50)	FT (EXP) CYCLE SHIFT DELAY CHECK	***PASS
TEST 3461	TGFC (51)	FT 1WAY WAVEFORM (SET/RESET) FUNCTION CHECK	***PASS
TEST 3462	TGFC (51)	FT 1WAY WAVEFORM (DRE) FUNCTION CHECK	***PASS
TEST 3463	TGFC (51)	FT 1WAY (STRB) FUNCTION CHECK	***PASS
TEST 3464	TGFC (51)	FT 2WAY WAVEFORM (SET/RESET) FUNCTION CHECK	***PASS
TEST 3465	TGFC (51)	FT SET RESET PATH CHECK	***PASS
TEST 3466	TGFC (51)	FT BANK ENABLE CONTROL CHECK	***PASS
TEST 3601	SC (1)	REG R/W COMPATIBLE VERSION SC CHECK	***PASS
TEST 3602	SC (1)	REG R/W HI-Z DETECT CHECK	***PASS

TEST 3603	SC	(1)	REG R/W PIN DEFINE TABLE SEL(SC) CHECK	***PASS
TEST 3604	SC	(1)	REG R/W INTERLEAVE MODE(SC) CHECK	***PASS
TEST 3605	SC	(1)	REG R/W CHILD SELECT(SC) CHECK	***PASS
TEST 3606	SC	(1)	REG R/W ALL DEVICE SELECT CHECK	***PASS
TEST 3608	SC	(1)	REG R/W FM INPUT ENABLE CHECK	***PASS
TEST 3609	SC	(1)	REG R/W CP MASK CHECK	***PASS
TEST 3610	SC	(1)	REG R/W DC MASK CHECK	***PASS
TEST 3611	SC	(1)	REG R/W DC PIN DATA CHECK	***PASS
TEST 3612	SC	(1)	REG R/W CPE/ARI DELAY CHECK	***PASS
TEST 3613	SC	(1)	REG R/W DIAG MODE CHECK	***PASS
TEST 3614	SC	(1)	REG R/W PIN DEFINE TABLE(SC) CHECK	***PASS
TEST 3615	SC	(1)	REG R/W CHILD STRB SKEW ADJ CHECK	***PASS
TEST 3616	SC	(1)	REG R/W PRE STRB SKEW ADJ CHECK	***PASS
TEST 3617	SC	(1)	REG R/W SC PULSE WIDTH ADJ CHECK 1	***PASS
TEST 3618	SC	(1)	REG R/W SC CAL LOOP ENABLE CHECK 1	***PASS
TEST 3619	SC	(1)	REG R/W SC CAL LOOP ENABLE CHECK 2	***PASS
TEST 3620	SC	(1)	REG R/W SC PULSER CONTROL CHECK	***PASS
TEST 3621	SC	(1)	REG R/W SC HEATER OFF TIME ADJ CHECK	***PASS
TEST 3622	SC	(1)	PIN DATA RESET CHECK 1	***PASS
TEST 3623	SC	(1)	TESTER BUS RESET CHECK 1	***PASS
TEST 3624	SC	(1)	REG R/W FMR11-18 CHECK	***PASS
TEST 3625	SC	(1)	REG R/W FMR21-28 CHECK	***PASS
TEST 3626	SC	(1)	FM RESET CHECK	***PASS
TEST 3627	SC	(1)	REG R/W DC MASK OR WRITE CHECK	***PASS
TEST 3628	SC	(1)	REG R/W PIN DEFINE 2/4/8 PIN MODE CHECK	***PASS
TEST 3629	SC	(1)	REG R/W SC PULSE WIDTH ADJ CHECK 2	***PASS
TEST 3630	SC	(1)	REG R/W SC RLOOP ENABLE CHECK 1	***PASS
TEST 3631	SC	(1)	REG R/W SC HEATER COUNT ADJ CHECK	***PASS
TEST 3632	SC	(1)	REG R/W SC VD LINE DISABLE CHECK	***PASS
TEST 3633	SC	(1)	REG R/W SC RLOOP ENABLE CHECK 2	***PASS
TEST 3634	SC	(1)	REG R/W SC CAL LOOP PULSE WIDTH ADJ CHECK	***PASS
TEST 3635	SC	(1)	PIN DATA RESET CHECK 2	***PASS
TEST 3636	SC	(1)	TESTER BUS RESET CHECK 2	***PASS
TEST 3637	SC	(1)	PARA R/W CHECK FOR T5581P/71P	***PASS
TEST 3641	SC	(2)	CPE PRE_CHECK(SC DIST)	***PASS
TEST 3642	SC	(2)	DIAG MODE CHECK	***PASS
TEST 3643	SC	(2)	CPE PRE_CHECK	***PASS
TEST 3644	SC	(2)	EXP PRE_CHECK	***PASS
TEST 3645	SC	(2)	ARI PRE_CHECK	***PASS
TEST 3646	SC	(2)	STRB ENABLE CHECK	***PASS
TEST 3647	SC	(2)	CPE FUNCTION CHECK	***PASS
TEST 3648	SC	(2)	EXP FUNCTION CHECK 1	***PASS
TEST 3649	SC	(2)	EXP FUNCTION CHECK 2(EXPMUX)	***PASS
TEST 3650	SC	(2)	ARI FUNCTION CHECK	***PASS
TEST 3661	SC	(3)	MASK DATA SET CHECK 1(DC MASK)	***PASS
TEST 3662	SC	(3)	MASK DATA SET CHECK 2(CP MASK)	***PASS
TEST 3663	SC	(3)	MASK DATA SET CHECK 3(STATION SELECT)	***PASS
TEST 3664	SC	(3)	STRB 2CYCLE DELAY CHECK	***PASS
TEST 3665	SC	(3)	CPE CYCLE SHIFT CHECK	***PASS
TEST 3666	SC	(3)	ARI CYCLE SHIFT CHECK	***PASS
TEST 3667	SC	(3)	WINDOW STRB MODE CHECK	***PASS
TEST 3668	SC	(3)	HI-Z SENSE CHECK 1	***PASS
TEST 3669	SC	(3)	HI-Z SENSE CHECK 2	***PASS
TEST 3670	SC	(3)	HI-Z SENSE CHECK 3	***PASS
TEST 3671	SC	(3)	HI-Z SENSE CHECK 4	***PASS
TEST 3681	SC	(4)	FLAG PRE_CHECK(SC DIST)	***PASS
TEST 3682	SC	(4)	MATCH MODE CHECK 1	***PASS

TEST 3683 SC	(4) MATCH MODE CHECK 2(SC DIST)	***PASS
TEST 3684 SC	(4) TOTAL FAIL CHECK 1	***PASS
TEST 3685 SC	(4) TOTAL FAIL CHECK 2(SC DIST)	***PASS
TEST 3686 SC	(4) ALL DEVICE FAIL CHECK 1	***PASS
TEST 3687 SC	(4) ALL DEVICE FAIL CHECK 2	***PASS
TEST 3688 SC	(4) ALL DEVICE FAIL CHECK 3	***PASS
TEST 3689 SC	(4) ALL DEVICE FAIL CHECK 4	***PASS
TEST 3690 SC	(4) ALL DEVICE FAIL CHECK 5	***PASS
TEST 3691 SC	(4) FAIL DATA RESET CHECK	***PASS
TEST 3701 SC	(5) FAIL OUT CONTROL(FMR1) CHECK 1	***PASS
TEST 3702 SC	(5) FAIL OUT CONTROL(FMR1) CHECK 2	***PASS
TEST 3703 SC	(5) FAIL OUT CONTROL(FMR2) CHECK	***PASS
TEST 3704 SC	(5) FM INPUT ENABLE CHECK	***PASS
TEST 3705 SC	(5) FM OR FAIL CHECK 1	***PASS
TEST 3706 SC	(5) FM OR FAIL CHECK 2(SC DIST)	***PASS
TEST 3707 SC	(5) FAIL COUNTER COUNT/RESET CHECK	***PASS
TEST 3708 SC	(5) SC CAL LOOP CHECK	***PASS
TEST 3721 SC	(6) PIN CPE PRE_CHECK(PCPE)	***PASS
TEST 3722 SC	(6) PIN CPE CHECK 1(PIN CPE MODE)	***PASS
TEST 3723 SC	(6) PIN CPE CHECK 2(CHANGE CPE MODE)	***PASS
TEST 3724 SC	(6) PIN CPE CHECK 3(AND CPE MODE)	***PASS
TEST 4010 FM	(1) MEMORY SENSE CHECK	***PASS
TEST 4011 FM	(1) REGISTER READ/WRITE & RESET CHECK	***PASS
TEST 4012 FM	(1) FM ADDRESS SEL. REG. R/W & RESET CHECK	***PASS
TEST 4013 FM	(1) ACNVT FORMAT REG. R/W & RESET CHECK	***PASS
TEST 4014 FM	(1) DCNVT FORMAT REG. R/W & RESET CHECK	***PASS
TEST 4015 FM	(1) ADDRESS POINTER R/W CHECK	***PASS
TEST 4016 FM	(1) ADSEL-AP COUNTER CHECK	***PASS
TEST 4017 FM	(1) ADSEL-AP CARRY CHECK	***PASS
TEST 4018 FM	(1) RDBM-AP COUNTER CHECK	***PASS
TEST 4019 FM	(1) RDBM-AP CARRY CHECK	***PASS
TEST 4020 FM	(2) FM ADDRESS POINTER R/W CHECK	***PASS
TEST 4021 FM	(2) FM ADDRESS POINTER COUNT CHECK 1	***PASS
TEST 4022 FM	(2) FM ADDRESS POINTER COUNT CHECK 2	***PASS
TEST 4023 FM	(2) FM ADDRESS POINTER LINK MODE CHECK	***PASS
TEST 4024 FM	(2) ADDRESS CONVERT MEMORY R/W CHECK	***PASS
TEST 4025 FM	(2) DATA CONVERT MEMORY R/W CHECK	***PASS
TEST 4026 FM	(2) CONVERT MEMORY SEL REG. CHECK	***PASS
TEST 4027 FM	(2) READ DATA BUFFER MEMORY R/W CHECK	***PASS
TEST 4028 FM	(2) AFM ADDRESS SEL. REG. R/W CHECK	***PASS
TEST 4029 FM	(2) CFM ADDRESS SEL. REG. R/W CHECK	***PASS
TEST 4030 FM	(3) AFM REGISTER READ/WRITE & RESET CHECK 1	***PASS
TEST 4031 FM	(3) AFM REGISTER READ/WRITE & RESET CHECK 2	***PASS
TEST 4032 FM	(3) AFM REGISTER READ/WRITE & RESET CHECK 3	***PASS
TEST 4033 FM	(3) AFM REGISTER READ/WRITE & RESET CHECK 4	***PASS
TEST 4034 FM	(3) AFM ADDRESS SEL. REG R/W & RESET CHECK 1	***PASS
TEST 4035 FM	(3) AFM ADDRESS SEL. REG R/W & RESET CHECK 2	***PASS
TEST 4036 FM	(3) CFM ADDRESS SEL. REG R/W & RESET CHECK 1	***PASS
TEST 4037 FM	(3) CFM ADDRESS SEL. REG R/W & RESET CHECK 2	***PASS
TEST 4038 FM	(3) FAIL SELECT REG. R/W & RESET CHECK 1	***PASS
TEST 4039 FM	(3) FAIL SELECT REG. R/W & RESET CHECK 2	***PASS
TEST 4040 FM	(4) AFM READ/WRITE CHECK 1 (LS,X18)	***PASS
TEST 4041 FM	(4) AFM READ/WRITE CHECK 2 (LS,X18)	***PASS
TEST 4042 FM	(4) AFM READ/WRITE CHECK 3 (MS,X18)	***PASS
TEST 4043 FM	(4) AFM READ/WRITE CHECK 4 (MS,X18)	***PASS
TEST 4044 FM	(4) AFM READ/WRITE CHECK 5 (HS,X18)	***PASS
TEST 4045 FM	(4) AFM READ/WRITE CHECK 6 (HS,X18)	***PASS

TEST 4046 FM	(4)	AFM WRITE ENABLE BIT CHECK 1 (PARA 1)	***PASS
TEST 4047 FM	(4)	AFM WRITE ENABLE BIT CHECK 2 (PARA 2)	***PASS
TEST 4048 FM	(4)	AFM WRITE ENABLE BIT CHECK 3 (SINGLE 1)	***PASS
TEST 4049 FM	(4)	AFM WRITE ENABLE BIT CHECK 4 (SINGLE 2)	***PASS
TEST 4050 FM	(5)	AFM READ/WRITE CHECK 7	***PASS
TEST 4051 FM	(5)	AFM READ/WRITE CHECK 8	***PASS
TEST 4052 FM	(5)	AFM READ/WRITE CHECK 9	***PASS
TEST 4053 FM	(5)	AFM READ/WRITE CHECK 10	***PASS
TEST 4054 FM	(5)	AFM HIGH-SPEED WRITE CHECK 1 (1 BIT)	***PASS
TEST 4055 FM	(5)	AFM HIGH-SPEED WRITE CHECK 2 (4 BIT)	***PASS
TEST 4056 FM	(5)	AFM HIGH-SPEED WRITE CHECK 3 (8 BIT)	***PASS
TEST 4057 FM	(5)	AFM HIGH-SPEED READ CHECK 1 (1 BIT)	***PASS
TEST 4058 FM	(5)	AFM HIGH-SPEED READ CHECK 2 (4 BIT)	***PASS
TEST 4059 FM	(5)	AFM HIGH-SPEED READ CHECK 3 (8 BIT)	***PASS
TEST 4060 FM	(6)	FMCONT READ FORMATTER CHECK 1 (NORMAL)	***PASS
TEST 4061 FM	(6)	FMCONT READ FORMATTER CHECK 2 (DUT-N)	***PASS
TEST 4062 FM	(6)	FMCONT READ FORMATTER CHECK 3 (ORDATA)	***PASS
TEST 4063 FM	(6)	FMCONT READ FORMATTER CHECK 4 (BIT-N)	***PASS
TEST 4064 FM	(6)	FMCONT READ FORMATTER CHECK 5 (APOINT-OR1)	***PASS
TEST 4065 FM	(6)	FMCONT READ FORMATTER CHECK 6 (APOINT-OR2)	***PASS
TEST 4066 FM	(6)	AFM HIGH-SPEED READ CHECK 4	***PASS
TEST 4067 FM	(6)	AFM R/W MEMORY SEL2 CONVERSION CHECK	***PASS
TEST 4068 FM	(6)	AFM FAILURE COUNT1(FOR MRA) CHECK 1	***PASS
TEST 4069 FM	(6)	AFM FAILURE COUNT1(FOR MRA) CHECK 2	***PASS
TEST 4070 FM	(7)	AFM CLEAR MEMORY FUNCTION CHECK (ALL)	***PASS
TEST 4071 FM	(7)	AFM CLEAR MEMORY FUNCTION CHECK (MODE)	***PASS
TEST 4072 FM	(7)	AFM PRESET MEMORY FUNCTION CHECK	***PASS
TEST 4073 FM	(7)	AFM RESET MEMORY FUNCTION CHECK	***PASS
TEST 4074 FM	(7)	AFM FIX MEMORY FUNCTION CHECK 1 (HS)	***PASS
TEST 4075 FM	(7)	AFM FIX MEMORY FUNCTION CHECK 2 (MS)	***PASS
TEST 4076 FM	(7)	AFM REMOVE MEMORY FUNCTION CHECK	***PASS
TEST 4077 FM	(7)	AFM FAILURE ADDRESS SEARCH CHECK	***PASS
TEST 4078 FM	(7)	AFM FAILURE COUNT CHECK 1	***PASS
TEST 4079 FM	(7)	AFM FAILURE COUNT CHECK 2	***PASS
TEST 4080 FM	(8)	AFM FAILURE COUNT CHECK 3	***PASS
TEST 4081 FM	(8)	AFM FAILURE COUNT CHECK 4	***PASS
TEST 4082 FM	(8)	AFM FIX2 MEMORY FUNCTION CHECK	***PASS
TEST 4083 FM	(8)	AFM MEMORY DIAG FUNCTION PRECHECK 1	***PASS
TEST 4084 FM	(8)	AFM MEMORY DIAG FUNCTION PRECHECK 2	***PASS
TEST 4085 FM	(8)	AFM MEMORY DIAGNOSIS	***PASS
TEST 4086 FM	(8)	CFM READ/WRITE CHECK 1	***PASS
TEST 4087 FM	(8)	CFM READ/WRITE CHECK 2	***PASS
TEST 4088 FM	(8)	CFM READ/WRITE CHECK 3	***PASS
TEST 4089 FM	(8)	CFM READ/WRITE CHECK 4	***PASS
TEST 4090 FM	(9)	AFM READ BLOCK SELECT CHECK (MODE-1)	***PASS
TEST 4091 FM	(9)	AFM READ BLOCK SELECT CHECK (MODE-2)	***PASS
TEST 4092 FM	(9)	AFM READ BLOCK SELECT CHECK (PIN)	***PASS
TEST 4093 FM	(9)	AFM WRITE BLOCK SELECT CHECK (MODE-1)	***PASS
TEST 4094 FM	(9)	AFM WRITE BLOCK SELECT CHECK (MODE-2)	***PASS
TEST 4095 FM	(9)	AFM WRITE BLOCK SELECT CHECK (PIN-1)	***PASS
TEST 4096 FM	(9)	AFM WRITE BLOCK SELECT CHECK (PIN-2)	***PASS
TEST 4097 FM	(9)	CFM CLEAR MEMORY FUNCTION CHECK (ALL)	***PASS
TEST 4098 FM	(9)	CFM CLEAR MEMORY FUNCTION CHECK (MODE)	***PASS
TEST 4099 FM	(9)	CFM CLEAR MEMORY FUNCTION CHECK (CFM ALL)	***PASS
TEST 4100 FM	(10)	AFM ADDRESS PRECHECK 1 (INPUT)	***PASS
TEST 4101 FM	(10)	AFM ADDRESS PRECHECK 2 (MASK)	***PASS
TEST 4102 FM	(10)	AFM ADDRESS PRECHECK 3 (FT)	***PASS

TEST 4103 FM	(10)	AFM ADDRESS DELAY CHECK 1 (MASK)	***PASS
TEST 4104 FM	(10)	AFM ADDRESS DELAY CHECK 2 (FT)	***PASS
TEST 4105 FM	(10)	AFM ADDRESS INTERLEAVE CHECK 1 (MASK)	***PASS
TEST 4106 FM	(10)	AFM ADDRESS INTERLEAVE CHECK 2 (FT)	***PASS
TEST 4107 FM	(10)	AFM ADDRESS SELECTOR CHECK	***PASS
TEST 4108 FM	(10)	AFM ADDRESS PRECHECK 4 (INPUT/2WAY)	***PASS
TEST 4110 FM	(11)	AFM MEMORY BANK SELECT CHECK 1 (HS)	***PASS
TEST 4111 FM	(11)	AFM MEMORY BANK SELECT CHECK 2 (MS)	***PASS
TEST 4112 FM	(11)	AFM MEMORY BANK SELECT CHECK 3 (LS)	***PASS
TEST 4113 FM	(11)	AFM MEMORY BLOCK SELECT CHECK 1 (HS,X9)	***PASS
TEST 4114 FM	(11)	AFM MEMORY BLOCK SELECT CHECK 2 (HS,X4)	***PASS
TEST 4115 FM	(11)	AFM MEMORY BLOCK SELECT CHECK 3 (HS,X2)	***PASS
TEST 4116 FM	(11)	AFM MEMORY BLOCK SELECT CHECK 4 (HS,X1)	***PASS
TEST 4117 FM	(11)	AFM MEMORY BLOCK SELECT CHECK 5 (MS,X9)	***PASS
TEST 4118 FM	(11)	AFM MEMORY BLOCK SELECT CHECK 6 (MS,X4)	***PASS
TEST 4120 FM	(12)	AFM MEMORY BLOCK SELECT CHECK 7 (MS,X2)	***PASS
TEST 4121 FM	(12)	AFM MEMORY BLOCK SELECT CHECK 8 (MS,X1)	***PASS
TEST 4122 FM	(12)	AFM MEMORY BLOCK SELECT CHECK 9 (LS,X9)	***PASS
TEST 4123 FM	(12)	AFM MEMORY BLOCK SELECT CHECK 10 (LS,X4)	***PASS
TEST 4124 FM	(12)	AFM MEMORY BLOCK SELECT CHECK 11 (LS,X2)	***PASS
TEST 4125 FM	(12)	AFM MEMORY BLOCK SELECT CHECK 12 (LS,X1)	***PASS
TEST 4126 FM	(12)	AFM BOARD ADDRESS LINK CHECK 1 (HS)	***PASS
TEST 4127 FM	(12)	AFM BOARD ADDRESS LINK CHECK 2 (MS)	***PASS
TEST 4128 FM	(12)	AFM BOARD ADDRESS LINK CHECK 3 (LS)	***PASS
TEST 4130 FM	(13)	AFM MASK DATA FORMATTER CHECK 1	***PASS
TEST 4131 FM	(13)	AFM MASK DATA FORMATTER CHECK 2	***PASS
TEST 4132 FM	(13)	AFM MASK DATA FORMATTER CHECK 3	***PASS
TEST 4133 FM	(13)	AFM MASK DATA FORMATTER CHECK 4	***PASS
TEST 4134 FM	(13)	AFM MASK DATA FORMATTER CHECK 5	***PASS
TEST 4135 FM	(13)	AFM MASK DATA FORMATTER CHECK 6	***PASS
TEST 4136 FM	(13)	AFM MASK DATA FORMATTER CHECK 7	***PASS
TEST 4137 FM	(13)	AFM MASK DATA FORMATTER CHECK 8	***PASS
TEST 4140 FM	(14)	AFM FAIL STORE FUNCTION CHECK 1 (HS)	***PASS
TEST 4141 FM	(14)	AFM FAIL STORE FUNCTION CHECK 2 (MS)	***PASS
TEST 4142 FM	(14)	AFM FAIL STORE FUNCTION CHECK 3 (LS)	***PASS
TEST 4143 FM	(14)	AFM FAIL STORE FUNCTION CHECK 4 (SINGLE,X1)	***PASS
TEST 4144 FM	(14)	AFM FAIL STORE FUNCTION CHECK 5 (SINGLE,X4)	***PASS
TEST 4145 FM	(14)	AFM FAIL STORE FUNCTION CHECK 6 (SINGLE,X9)	***PASS
TEST 4146 FM	(14)	AFM FAIL STORE FUNCTION CHECK 7 (SINGLE,X18)	***PASS
TEST 4147 FM	(14)	AFM FAIL STORE FUNCTION CHECK 8	***PASS
TEST 4148 FM	(14)	AFM FAIL STORE FUNCTION CHECK 9	***PASS
TEST 4150 FM	(15)	AFM FAIL STORE FUNCTION CHECK 10 (PARA,X2)	***PASS
TEST 4151 FM	(15)	AFM FAIL STORE FUNCTION CHECK 11 (PARA,X4,HS)	***PASS
TEST 4152 FM	(15)	AFM FAIL STORE FUNCTION CHECK 12 (PARA,X9,HS)	***PASS
TEST 4153 FM	(15)	AFM FAIL STORE FUNCTION CHECK 13 (PARA,X18,HS)	***PASS
TEST 4154 FM	(15)	AFM FAIL COMPRESS FUNCTION CHECK 1	***PASS
TEST 4155 FM	(15)	AFM FAIL COMPRESS FUNCTION CHECK 2	***PASS
TEST 4160 FM	(16)	AFM FAIL STORE FUNCTION CHECK 14 (FZ)	***PASS
TEST 4161 FM	(16)	AFM FAIL STORE FUNCTION CHECK 15 (FO)	***PASS
TEST 4162 FM	(16)	AFM FAIL STORE FUNCTION CHECK 16 (AF)	***PASS
TEST 4163 FM	(16)	AFM FAIL STORE FUNCTION CHECK 17 (BF)	***PASS
TEST 4164 FM	(16)	CFM FAIL STORE FUNCTION CHECK 1 (FT)	***PASS
TEST 4165 FM	(16)	CFM FAIL STORE FUNCTION CHECK 2 (FZ)	***PASS
TEST 4166 FM	(16)	CFM FAIL STORE FUNCTION CHECK 3 (FO)	***PASS
TEST 4167 FM	(16)	CFM FAIL STORE FUNCTION CHECK 4 (AF)	***PASS
TEST 4168 FM	(16)	CFM FAIL STORE FUNCTION CHECK 5 (BF)	***PASS
TEST 4170 FM	(17)	DFM ADDRESS POINTER CHECK 1	***PASS

TEST 4171 FM	(17)	DFM ADDRESS POINTER CHECK 2	***PASS
TEST 4172 FM	(17)	DFM FAIL DATA STORE CHECK 1	***PASS
TEST 4173 FM	(17)	DFM FAIL DATA STORE CHECK 2	***PASS
TEST 4174 FM	(17)	DFM FAIL DATA STORE CHECK 3	***PASS
TEST 4175 FM	(17)	DFM FAIL DATA STORE CHECK 4	***PASS
TEST 4180 FM	(18)	ADDRSS CONVERT FORMAT CHECK	***PASS
TEST 4181 FM	(18)	X,Y CONVERSION CHECK	***PASS
TEST 4182 FM	(18)	DATA CONVERT FORMAT CHECK	***PASS
TEST 4183 FM	(18)	DATA CONVERSION CHECK	***PASS
TEST 4184 FM	(18)	ALPG SCAN MODE CHECK 1 (NORMAL FUNCTION)	***PASS
TEST 4185 FM	(18)	ALPG SCAN MODE CHECK 2 (NORMAL BIT)	***PASS
TEST 4186 FM	(18)	ALPG SCAN MODE CHECK 3 (EXPAND FUNCTION)	***PASS
TEST 4187 FM	(18)	ALPG SCAN MODE CHECK 4 (EXPAND BIT)	***PASS
TEST 4188 FM	(18)	ALPG SCAN MODE CHECK 5 (DATA CONVERT-1)	***PASS
TEST 4190 FM	(19)	CONTROL RAM R/W CHECK 1	***PASS
TEST 4191 FM	(19)	CONTROL RAM R/W CHECK 2	***PASS
TEST 4192 FM	(19)	INITIAL PROGRAM LOADER CHECK	***PASS
TEST 4193 FM	(19)	FM CONTROL REG. RESET CHECK	***PASS
TEST 4250 FM	(25)	MASK FUNCTION CHECK 1 (PIN33/97,STN1)	***PASS
TEST 4251 FM	(25)	MASK FUNCTION CHECK 2 (PIN161/225,STN1)	***PASS
TEST 4252 FM	(25)	MASK FUNCTION CHECK 3 (PIN33/97,STN1)	***PASS
TEST 4253 FM	(25)	MASK FUNCTION CHECK 4 (PIN161/225,STN1)	***PASS
TEST 4260 FM	(26)	MASK LINK FUNCTION CHECK 1	***PASS
TEST 4261 FM	(26)	MASK LINK FUNCTION CHECK 2	***PASS
TEST 4280 FM	(28)	ALPG SCAN MODE CHECK 7	***PASS
TEST 4281 FM	(28)	ADDRESS DELAY FUNCTION CHECK	***PASS
TEST 4600 DBM	(1)	DBM-AP PRE-CHECK	***PASS
TEST 4601 DBM	(1)	DBM MEMORY SELECT CHECK	***PASS
TEST 4602 DBM	(1)	DBM-PPAT R/W CHECK	***PASS
TEST 4603 DBM	(1)	DBM-PDRE R/W CHECK	***PASS
TEST 4604 DBM	(1)	DBM-PCPE R/W CHECK	***PASS
TEST 4605 DBM	(1)	DBM-AP FUNCTION CHECK	***PASS
TEST 4606 DBM	(1)	DBM-PPAT DATA OUTPUT CHECK	***PASS
TEST 4607 DBM	(1)	DBM-PDRE DATA OUTPUT CHECK	***PASS
TEST 4608 DBM	(1)	DBM-PCPE DATA OUTPUT CHECK	***PASS
TEST 4710 MRA	(1)	MRA3 UNIT SENSE CHECK	***PASS
TEST 4711 MRA	(1)	MRA3 TBUS CONTROL PRE-CHECK	***PASS
TEST 4712 MRA	(1)	MRA3 I/F REGISTER R/W CHECK	***PASS
TEST 4713 MRA	(1)	MRA3 FBM-AP R/W CHECK	***PASS
TEST 4714 MRA	(1)	MRA3 FBM-AP FUNCTION CHECK 1	***PASS
TEST 4715 MRA	(1)	MRA3 FBM-AP FUNCTION CHECK 2	***PASS
TEST 4716 MRA	(1)	MRA3 FBM-AP LINK MODE CHECK	***PASS
TEST 4717 MRA	(1)	MRA3 FBM ADDRESS SELECTOR CHECK 1	***PASS
TEST 4718 MRA	(1)	MRA3 FBM ADDRESS SELECTOR CHECK 2	***PASS
TEST 4720 MRA	(2)	MRA3 FBM REGISTER R/W CHECK	***PASS
TEST 4721 MRA	(2)	MRA3 FBM ADDRESS-LINE CHECK	***PASS
TEST 4722 MRA	(2)	MRA3 FBM DATA-LINE CHECK	***PASS
TEST 4723 MRA	(2)	MRA3 FBM DATA FORMATTER CHECK 1 (X1)	***PASS
TEST 4724 MRA	(2)	MRA3 FBM DATA FORMATTER CHECK 2 (X4)	***PASS
TEST 4725 MRA	(2)	MRA3 FBM DATA FORMATTER CHECK 3 (X9)	***PASS
TEST 4726 MRA	(2)	MRA3 FBM DATA FORMATTER CHECK 4 (X18)	***PASS
TEST 4727 MRA	(2)	MRA3 FBM BLOCK SEL FUNCTION CHECK	***PASS
TEST 4730 MRA	(3)	MRA3 FBM INIT MODE CHECK	***PASS
TEST 4731 MRA	(3)	MRA3 FBM DIAG MODE CHECK	***PASS
TEST 4732 MRA	(3)	MRA3 FBM MEMORY CHECK (MARCHING)	***PASS
TEST 4733 MRA	(3)	MRA3 FAIL MUX(FBM) SELECT CHECK	***PASS
TEST 4734 MRA	(3)	MRA3 FAIL MUX(FBM) R/W CHECK	***PASS

TEST 4740	MRA	(4)	MRA3 CBU BLOCK SEL R/W CHECK	***PASS
TEST 4741	MRA	(4)	MRA3 CBU BLOCK SEL FUNCTION CHECK	***PASS
TEST 4742	MRA	(4)	MRA3 FAIL MUX(CBU) SELECT CHECK	***PASS
TEST 4743	MRA	(4)	MRA3 FAIL MUX(CBU) R/W CHECK	***PASS
TEST 4744	MRA	(4)	MRA3 TFA SEL1-2 REGISTER R/W CHECK	***PASS
TEST 4745	MRA	(4)	MRA3 CONF/MODE/LIMIT-D REGISTER R/W CHECK	***PASS
TEST 4746	MRA	(4)	MRA3 RAP/CAP R/W CHECK	***PASS
TEST 4747	MRA	(4)	MRA3 FAM/TFCM-AP R/W CHECK	***PASS
TEST 4748	MRA	(4)	MRA3 FAM/TFCM-AP COMPARATOR CHECK	***PASS
TEST 4750	MRA	(5)	MRA3 R/CADIV REGISTER R/W CHECK 1	***PASS
TEST 4751	MRA	(5)	MRA3 R/CADIV REGISTER R/W CHECK 2	***PASS
TEST 4752	MRA	(5)	MRA3 R/CADIV ADDRESS COMP CHECK 1	***PASS
TEST 4753	MRA	(5)	MRA3 R/CADIV ADDRESS COMP CHECK 2	***PASS
TEST 4754	MRA	(5)	MRA3 R/CADIV ADDRESS COMP CHECK 3	***PASS
TEST 4755	MRA	(5)	MRA3 R/CADIV ADDRESS COMP CHECK 4	***PASS
TEST 4760	MRA	(6)	MRA3 R/CFCM R/W PRE-CHECK 1 (NORMAL)	***PASS
TEST 4761	MRA	(6)	MRA3 R/CFCM R/W PRE-CHECK 2 (DIAG)	***PASS
TEST 4762	MRA	(6)	MRA3 R/CFCM R/W CHECK 1 (CBU1)	***PASS
TEST 4764	MRA	(6)	MRA3 R/CAP R/CFCM R/W INC CHECK 1	***PASS
TEST 4765	MRA	(6)	MRA3 R/CAP R/CFCM R/W INC CHECK 2	***PASS
TEST 4766	MRA	(6)	MRA3 ROW/COLUMN SELECT CHECK	***PASS
TEST 4767	MRA	(6)	MRA3 FAM R/W PRE-CHECK	***PASS
TEST 4768	MRA	(6)	MRA3 FAM R/W CHECK	***PASS
TEST 4769	MRA	(6)	MRA3 FAM-AP FAM R/W INC CHECK	***PASS
TEST 4770	MRA	(7)	MRA3 TFCM R/W PRE-CHECK	***PASS
TEST 4771	MRA	(7)	MRA3 TFCM R/W CHECK	***PASS
TEST 4772	MRA	(7)	MRA3 TFCM-AP TFCM R/W INC CHECK	***PASS
TEST 4773	MRA	(7)	MRA3 TFA/TFCM-AP SELECT CHECK	***PASS
TEST 4774	MRA	(7)	MRA3 TFA-SEL FUNCTION CHECK 1 (R/CAP)	***PASS
TEST 4775	MRA	(7)	MRA3 TFA-SEL FUNCTION CHECK 2 (R/CADIV)	***PASS
TEST 4776	MRA	(7)	MRA3 RMAX RAP BIT MASK CHECK	***PASS
TEST 4777	MRA	(7)	MRA3 CBU REGISTER SELECT CHECK	***PASS
TEST 4780	MRA	(8)	MRA3 CBU INIT MODE CHECK	***PASS
TEST 4781	MRA	(8)	MRA3 CBU DISABLE MODE CHECK	***PASS
TEST 4782	MRA	(8)	MRA3 RAP COUNTER CHECK	***PASS
TEST 4783	MRA	(8)	MRA3 CAP COUNTER CHECK	***PASS
TEST 4784	MRA	(8)	MRA3 RAP-CAP CARRY CHECK	***PASS
TEST 4785	MRA	(8)	MRA3 CBSEL BIT MODE CHECK 1 (X1)	***PASS
TEST 4786	MRA	(8)	MRA3 CBSEL BIT MODE CHECK 2 (X4)	***PASS
TEST 4787	MRA	(8)	MRA3 CBSEL BIT MODE CHECK 3 (X9)	***PASS
TEST 4790	MRA	(9)	MRA3 SCAN MODE PRE-CHECK	***PASS
TEST 4791	MRA	(9)	MRA3 SCAN FAIL MULTIPLEXER FUNCTION CHECK	***PASS
TEST 4792	MRA	(9)	MRA3 SCAN RFCM FAIL COUNT CHECK	***PASS
TEST 4793	MRA	(9)	MRA3 SCAN CFCM FAIL COUNT CHECK	***PASS
TEST 4794	MRA	(9)	MRA3 SCAN TFCM FAIL COUNT CHECK	***PASS
TEST 4795	MRA	(9)	MRA3 SCAN INTERNAL BLOCK CHECK 1	***PASS
TEST 4796	MRA	(9)	MRA3 SCAN INTERNAL BLOCK CHECK 2	***PASS
TEST 4800	MRA	(10)	MRA3 SEARCH MAG-COMPARATOR CHECK	***PASS
TEST 4801	MRA	(10)	MRA3 SEARCH ROW SIDE CHECK	***PASS
TEST 4802	MRA	(10)	MRA3 SEARCH COLUMN SIDE CHECK	***PASS
TEST 4803	MRA	(10)	MRA3 SEARCH FAM-AP OF-FLAG CHECK	***PASS
TEST 4804	MRA	(10)	MRA3 SEARCH TFCM-AP NOT-ZERO SENSE CHECK	***PASS
TEST 4805	MRA	(10)	MRA3 SEARCH FCD-LINE CHECK	***PASS
TEST 4806	MRA	(10)	MRA3 SEARCH FCD OUTPUT CONTROL CHECK	***PASS
TEST 4807	MRA	(10)	MRA3 SEARCH FCD ADDER CHECK	***PASS
TEST 4808	MRA	(10)	MRA3 SEARCH PIPE-LINE CHECK	***PASS
TEST 4810	MRA	(11)	MRA3 DSCAN ROW SIDE PRE-CHECK	***PASS

TEST 4811	MRA	(11)	MRA3 DSCAN COLUMN SIDE PRE-CHECK	***PASS
TEST 4812	MRA	(11)	MRA3 DSCAN RFCM FAIL COUNT CHECK	***PASS
TEST 4813	MRA	(11)	MRA3 DSCAN CFCM FAIL COUNT CHECK	***PASS
TEST 4814	MRA	(11)	MRA3 DSCAN TFCM FAIL COUNT CHECK	***PASS
TEST 4815	MRA	(11)	MRA3 DSCAN TFCM CROSS POINT FAIL CHECK	***PASS
TEST 4816	MRA	(11)	MRA3 DSCAN INTERNAL BLOCK CHECK	***PASS
TEST 4820	MRA	(12)	MRA3 CFM1-2-AP FUNCTION CHECK	***PASS
TEST 4821	MRA	(12)	MRA3 CFM1-2 R/W PRE-CHECK	***PASS
TEST 4822	MRA	(12)	MRA3 CFM1-2 R/W CHECK	***PASS
TEST 4823	MRA	(12)	MRA3 TBUS-SBUS CONTROL CHECK	***PASS
TEST 4824	MRA	(12)	MRA3 SBUS R/W SEQUENCE CHECK 1	***PASS
TEST 4825	MRA	(12)	MRA3 SBUS R/W SEQUENCE CHECK 2	***PASS
TEST 4826	MRA	(12)	MRA3 SBUS REGISTER WRITE CHECK	***PASS
TEST 4827	MRA	(12)	MRA3 SBUS REGISTER READ CHECK	***PASS
TEST 4828	MRA	(12)	MRA3 SBUS CFM1 R/W CHECK	***PASS
TEST 4829	MRA	(12)	MRA3 SBUS CFM2 R/W CHECK	***PASS
TEST 4830	MRA	(13)	MRA3 CFM1-CFM2 DATA-LINE CHECK	***PASS
TEST 4831	MRA	(13)	MRA3 COMMAND SEQUENCE CHECK 1	***PASS
TEST 4832	MRA	(13)	MRA3 COMMAND SEQUENCE CHECK 2	***PASS
TEST 4833	MRA	(13)	MRA3 COMMAND SEQUENCE CHECK 3	***PASS
TEST 4834	MRA	(13)	MRA3 COMMAND SEQUENCE CHECK 4	***PASS
TEST 4835	MRA	(13)	MRA3 COMMAND SEQUENCE CHECK 5	***PASS
TEST 4840	MRA	(14)	MRA3 FM-MRA3 CONFIGURATION CHECK	***PASS
TEST 4841	MRA	(14)	MRA3 FM-FBM DATA TRANSFER CHECK 1	***PASS
TEST 4842	MRA	(14)	MRA3 FM-FBM DATA TRANSFER CHECK 2	***PASS
TEST 4843	MRA	(14)	MRA3 FM-FBM DATA TRANSFER CHECK 3	***PASS
TEST 5101	TH1	(1)	VIO SENSE CHECK	***PASS
TEST 5102	TH1	(1)	VIO CHILD SEL REG R/W CHECK	***PASS
TEST 5103	TH1	(1)	VIO DA MEM ADRS LINE CHECK	***PASS
TEST 5104	TH1	(1)	VIO DA MEM R/W CHECK	***PASS
TEST 5105	TH1	(1)	VIO CAL DA MEM R/W CHECK	***PASS
TEST 5106	TH1	(1)	VIO RONROF MEM ADRS LINE CHECK	***PASS
TEST 5107	TH1	(1)	VIO RONROF MEM(PER-PIN MODE) R/W CHECK	***PASS
TEST 5108	TH1	(1)	VIO RONROF MEM(ALL-PIN MODE) R/W CHECK	***PASS
TEST 5109	TH1	(1)	VIO CAL RONROF MEM R/W CHECK	***PASS
TEST 5110	TH1	(1)	VIO GAIN MEM ADRS LINE CHECK	***PASS
TEST 5111	TH1	(1)	VIO GAIN MEM R/W CHECK	***PASS
TEST 5112	TH1	(1)	VIO CAL GAIN MEM R/W CHECK	***PASS
TEST 5113	TH1	(1)	VIO PIN DEFINE TABLE SEL R/W CHECK	***PASS
TEST 5114	TH1	(1)	VIO PIN DEFINE TABLE ADRS LINE CHECK	***PASS
TEST 5115	TH1	(1)	VIO PIN DEFINE TABLE R/W CHECK	***PASS
TEST 5116	TH1	(1)	VIO DA MEM PIN DEFINE CHECK	***PASS
TEST 5117	TH1	(1)	VIO RONROF MEM PIN DEFINE CHECK	***PASS
TEST 5118	TH1	(1)	VIO CLEAR REG R/W CHECK	***PASS
TEST 5119	TH1	(1)	VIO CLEAR MODE CHECK	***PASS
TEST 5120	TH1	(1)	VIO DA DATA SET READ CHECK	***PASS
TEST 5121	TH1	(1)	VIO CAL DA DATA SET READ CHECK	***PASS
TEST 5201	TH1	(2)	PIN DATA REGISTER R/W CHECK	***PASS
TEST 5202	TH1	(2)	DC PARALLEL SET REGISTER R/W CHECK	***PASS
TEST 5203	TH1	(2)	MASK DATA SET REGISTER R/W CHECK	***PASS
TEST 5204	TH1	(2)	CONTROL REGISTER R/W CHECK	***PASS
TEST 5205	TH1	(2)	PIN DATA PARALLEL SET CHECK	***PASS
TEST 5206	TH1	(2)	CAL CONTROL PIN NO. READ CHECK	***PASS
TEST 5207	TH1	(2)	TH STATUS READ CHECK	***PASS
TEST 5301	TH1	(3)	DR OFFSET & GAIN ADJUST CHECK	***PASS
TEST 5302	TH1	(3)	DR OUTPUT VOLTAGE & SELECT CHECK	***PASS
TEST 5303	TH1	(3)	DR OUTPUT CURRENT & IMPEDANCE CHECK	***PASS

TEST 5401 TH1	(4)	STD VT OFFSET & GAIN ADJUST CHECK	***PASS
TEST 5402 TH1	(4)	VT OFFSET & GAIN ADJUST CHECK	***PASS
TEST 5403 TH1	(4)	VT OUTPUT VOLTAGE & SELECT CHECK	***PASS
TEST 5404 TH1	(4)	VT OUTPUT CURRENT & IMPEDANCE CHECK	***PASS
TEST 5501 TH1	(5)	PL OFFSET & GAIN ADJUST CHECK	***PASS
TEST 5502 TH1	(5)	PL OUTPUT CURRENT & SELECT CHECK	***PASS
TEST 5503 TH1	(5)	PL THRESHOLD CHECK	***PASS
TEST 5601 TH1	(6)	STD CP OFFSET & GAIN ADJUST CHECK	***PASS
TEST 5602 TH1	(6)	CP OFFSET & GAIN ADJUST CHECK	***PASS
TEST 5603 TH1	(6)	CP DEAD BAND CHECK	***PASS
TEST 5605 TH1	(6)	CP REFERENCE VOLTAGE CHECK	***PASS
TEST 5606 TH1	(6)	I/O MODE LEAK CURRENT CHECK	***PASS
TEST 5607 TH1	(6)	I/O PIN CLAMP CHECK	***PASS
TEST 5608 TH1	(6)	DYNAMIC CLAMP LEVEL CHECK	***PASS
TEST 5609 TH1	(6)	DYNAMIC CLAMP CURRENT LIMIT CHECK	***PASS
TEST 5701 TH1	(7)	CAL CONTROL CHECK	***PASS
TEST 5703 TH1	(7)	2WAY SET/RESET LOOSE FUNCTION CHECK	***PASS
TEST 5705 TH1	(7)	2WAY DREL/T LOOSE FUNCTION CHECK	***PASS
TEST 5801 TH1	(8)	CLOCK SET/RESET SKEW ADJUSTER CHECK	***PASS
TEST 5802 TH1	(8)	DRIVER PRE SET/RESET SKEW ADJUSTER CHECK	***PASS
TEST 5803 TH1	(8)	DRIVER SET/RESET SKEW ADJUSTER CHECK	***PASS
TEST 5804 TH1	(8)	DRIVER TR/TF CHECK	***PASS
TEST 5901 TH1	(9)	PIN STRB SKEW ADJUSTER CHECK	***PASS
TEST 5902 TH1	(9)	PRE STRB SKEW ADJUSTER CHECK	***PASS
TEST 5903 TH1	(9)	CHILD STRB SKEW ADJUSTER CHECK	***PASS
TEST 5904 TH1	(9)	PIN DRE L/T SKEW ADJUSTER CHECK	***PASS
TEST 5905 TH1	(9)	PRE DRE L/T SKEW ADJUSTER CHECK	***PASS
TEST 5906 TH1	(9)	CHILD DRE L/T SKEW ADJUSTER CHECK	FAIL**

	D/A ALL0	D/A ALL1	ADJ.WIDTH
U-LMT	-250.0PS		9.300NS
L-LMT		250.0PS	2.700NS

PIN BANK	CHLD LEAD/TRAI	D/A ALL0	D/A ALL1	ADJ.WIDTH
231 [1ST]	 [TRAILING]	-218.7PS *	6.094NS	6.312NS
[2ND]	 [TRAILING]	-156.2PS *	6.094NS	6.250NS

TOTAL COUNT=3456 FAIL COUNT= 2

TGFC SLOT 19 BIR-021939 IS DOUBTFUL

TEST 5908 TH1 (9) HIGH SPEED DRE CHECK ***PASS

INITIALIZE START 2005/02/16 13:24:14

INITIALIZE PASS

INITIALIZE END 2005/02/16 13:24:19

T5581P SYSTEM DIAGNOSTICS END 2005/02/16 13:24:19 (OP.TIME=01:26:58) FAIL**

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*****
**      T5581P SYSTEM DIAGNOSTICS      REV:5.01A(SYS TEST) 3.02A1(DIAG)      **
**      SYSTEM ID. AAI88                **
**      TH          D TYPE                **
**      START AT   2005/02/16 13:51:47    **
**                                           **
**      TEST MODE  : MAINTENANCE & PASS PRINT      **
**      SPEC       : 100.0%                    **
**      PIN(TH1)   : 1-50,65-114,161-178,225-242<A> **

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**                               : 1-50,65-114,161-178,225-242<B>          **
**                               : 1-50,65-114,161-178,225-242<C>          **
**                               : 1-50,65-114,161-178,225-242<D>          **
**                               : DPU TG ALPG TGFC SC FM DBM MRA TH1      **
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TEST 5001 TH1 ( 10) CONTROL WORD CHECK ***PASS
TEST 5002 TH1 ( 10) PERFORMANCE BOARD READ CHECK ***PASS
TEST 5003 TH1 ( 10) MCW CHECK ***PASS
TEST 5004 TH1 ( 11) 10V VS / VS MASK CHECK ***PASS
TEST 5006 TH1 ( 11) 10V PCON / PCON MASK / MCT 17-32 CHECK ***PASS
TEST 5008 TH1 ( 11) LCON CHECK ***PASS
TEST 5009 TH1 ( 12) SIGNAL PIN CONNECTION CHECK ***PASS
TEST 5010 TH1 ( 12) UTL/LOAD PIN CONNECTION CHECK ***PASS
TEST 5011 TH1 ( 13) OUTPUT RELAY CHECK ***PASS
TEST 5012 TH1 ( 13) TERMINATOR RELAY CHECK ***PASS
TEST 5013 TH1 ( 14) DC MULTIPLEXER CHECK ***PASS
TEST 5015 TH1 ( 16) DC LEAK CHECK ***PASS
TEST 0101 DPU ( 1) CBOX I/F 2'ND GPIB SELF CHECK ***PASS
TEST 0102 DPU ( 2) CBOX I/F 2'ND GPIB REMOTE CHECK ***PASS
TEST 0103 DPU ( 3) CBOX I/F 2'ND GPIB CLEAR CHECK ***PASS
TEST 0111 DPU ( 5) IF LOGIC W/R CHECK ***PASS
TEST 0116 DPU ( 9) IF DPU-PG A/D START CHECK ***PASS
TEST 0141 DPU ( 49) DC LOGIC W/R CHECK ***PASS
TEST 0145 DPU ( 53) DC DSP ALU CHECK ***PASS
TEST 0151 DPU ( 65) PPS LOGIC W/R CHECK ***PASS
TEST 0155 DPU ( 69) PPS DSP ALU CHECK ***PASS
TEST 0201 DPU (177) IFA R-LOAD CHECK ***PASS
TEST 0203 DPU (179) IFA ADC CAL & CHECK ***PASS
TEST 0221 DPU (182) DC ST1 VS/IS CALIBRATION & CHECK ***PASS
TEST 0223 DPU (183) DC ST1 IM/VM CALIBRATION & CHECK ***PASS
TEST 0261 DPU (187) PS ST1 VS CALIBRATION & CHECK ***PASS
TEST 0263 DPU (188) PS ST1 IM CALIBRATION & CHECK ***PASS
TEST 0268 DPU (190) PS ST1 VM CALIBRATION & CHECK ***PASS
TEST 0411 DPU (209) DC ST1 VSIM VS ACCURACY CHECK ***PASS
TEST 0412 DPU (210) DC ST1 VSIM I-CLAMP ACCURACY CHECK ***PASS
TEST 0413 DPU (211) DC ST1 VSIM IM ACCURACY CHECK ***PASS
TEST 0414 DPU (212) DC ST1 ISVM IS ACCURACY CHECK ***PASS
TEST 0416 DPU (214) DC ST1 ISVM VM ACCURACY CHECK ***PASS
TEST 0419 DPU (217) DC ST1 D/A BIT LINEARITY CHECK ***PASS
TEST 0422 DPU (218) DC ST1 VSIM IM SETTLING (NO-LOAD) CHECK ***PASS
TEST 0511 DPU (225) PS ST1 VSIM VS ACCURACY CHECK ***PASS
TEST 0512 DPU (226) PS ST1 VSIM I-CLAMP ACCURACY CHECK ***PASS
TEST 0513 DPU (227) PS ST1 VSIM IM ACCURACY CHECK ***PASS
TEST 0516 DPU (230) PS ST1 VSVM VM ACCURACY CHECK ***PASS
TEST 0517 DPU (231) PS ST1 SINGLE/PARA R-SENSE CHECK ***PASS
TEST 0518 DPU (232) PS ST1 CLAMP/GUARD/KELVIN ALARM CHECK ***PASS
TEST 0519 DPU (233) PS ST1 D/A BIT LINEARITY CHECK ***PASS
TEST 0522 DPU (234) PS ST1 VSIM IM SETTLING (NO-LOAD) CHECK ***PASS
TEST 1010 TG ( 1) TGU RESET CHECK ***PASS
TEST 1011 TG ( 1) REGISTER R/W CHECK ***PASS
TEST 1012 TG ( 1) BOARD SUFFIX CHECK ***PASS
TEST 1020 TG ( 2) RATE MEMORY R/W CHECK1 (OFFLINE) ***PASS
TEST 1021 TG ( 2) RATE MEMORY R/W CHECK2 (ONLINE) ***PASS
TEST 1022 TG ( 2) SCAL CLOCK MEMORY R/W CHECK1 (OFFLINE) ***PASS
TEST 1023 TG ( 2) SCAL CLOCK MEMORY R/W CHECK2 (ONLINE) ***PASS
TEST 1024 TG ( 2) SUB CLOCK LINEARIZE MEMORY R/W CHECK ***PASS

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TEST 1025 TG	(2)	TG MEMORY RESET CHECK	***PASS
TEST 1030 TG	(3)	DIAG COUNTER SELF COUNT CHECK	***PASS
TEST 1031 TG	(3)	DIAG COUNTER OVER FLOW CHECK	***PASS
TEST 1032 TG	(3)	MASTER CLOCK AC CHECK	***PASS
TEST 1033 TG	(3)	MASTER CLOCK COUNT MODE CHECK	***PASS
TEST 1034 TG	(3)	N PULSE COUNTER COUNT CHECK	***PASS
TEST 1035 TG	(3)	N PULSE SKEW ADJUSTER CHECK	***PASS
TEST 1036 TG	(3)	DUMMY PG START/STOP & GATE ON/OFF CHECK	***PASS
TEST 1037 TG	(3)	DUMMY PG REPEAT MODE CHECK	***PASS
TEST 1038 TG	(3)	DUMMY PG TS COUNTER CHECK	***PASS
TEST 1039 TG	(3)	DUMMY PG GATE COUNT CHECK	***PASS
TEST 1040 TG	(4)	RATE DATA BIT CHECK	***PASS
TEST 1041 TG	(4)	RATE DATA ADDER CHECK1	***PASS
TEST 1042 TG	(4)	RATE DATA ADDER CHECK2	***PASS
TEST 1043 TG	(4)	RATE DATA FIX0 CHECK	***PASS
TEST 1044 TG	(4)	RATE 1MS OVER CHECK	***PASS
TEST 1045 TG	(4)	RATE PHASE ACCUMULATOR CHECK1	***PASS
TEST 1046 TG	(4)	RATE PHASE ACCUMULATOR CHECK2	***PASS
TEST 1047 TG	(4)	RATE PHASE ACCUMULATOR CHECK3	***PASS
TEST 1050 TG	(5)	RATE CORE NORMAL STAGE CHECK	***PASS
TEST 1051 TG	(5)	RATE CORE ADD8 STAGE CHECK	***PASS
TEST 1052 TG	(5)	RATE CORE COUNTER STAGE CHECK	***PASS
TEST 1053 TG	(5)	RATE LSUB GENERATOR CHECK	***PASS
TEST 1054 TG	(5)	RATE LAST GENERATOR CHECK	***PASS
TEST 1055 TG	(5)	RATE SIDE CHANGE CHECK1	***PASS
TEST 1056 TG	(5)	RATE SIDE CHANGE CHECK2	***PASS
TEST 1057 TG	(5)	RATE SYSTEM TIMING DELAY CHECK	***PASS
TEST 1058 TG	(5)	TG SUB DATA BIT CHECK	***PASS
TEST 1059 TG	(5)	TG DIST DATA BIT CHECK	***PASS
TEST 1060 TG	(6)	SNC ADD PULSE NUMBER CHECK	***PASS
TEST 1061 TG	(6)	SNC PHASE CHECK	***PASS
TEST 1062 TG	(6)	RATE CONTINUE CHECK 1	***PASS
TEST 1063 TG	(6)	TG DIST SKEW ADJUSTER CHECK	***PASS
TEST 1064 TG	(6)	SUB CLOCK GEN SKEW ADJUSTER CHECK	***PASS
TEST 1065 TG	(6)	CONTINUOUS RUN MODE CHECK 1	***PASS
TEST 1066 TG	(6)	CONTINUOUS RUN MODE CHECK 2	***PASS
TEST 1067 TG	(6)	CONTINUOUS RUN MODE CHECK 3	***PASS
TEST 1068 TG	(6)	SUBCLOCK GENERATOR CHECK	***PASS
TEST 1070 TG	(7)	SCAL SKEW ADJUSTER CHECK	***PASS
TEST 1071 TG	(7)	SCAL CLOCK LSI SKEW ADJUSTER CHECK	***PASS
TEST 1072 TG	(7)	STANDARD TIMING SKEW ADJUSTER CHECK	***PASS
TEST 1073 TG	(7)	STANDARD TIMING GENERATE CHECK	***PASS
TEST 1075 TG	(7)	TG_SUB RATE COUNTER COUNT CHECK	***PASS
TEST 1076 TG	(7)	TG_SUB SUBCLOCK COUNTER COUNT CHECK	***PASS
TEST 1077 TG	(7)	TG_SUB LSUB DISABLE CHECK	***PASS
TEST 1078 TG	(7)	N PULSE PHASE CHECK	***PASS
TEST 1080 TG	(8)	SNC RESOLUTION CHECK	***PASS
TEST 1081 TG	(8)	RATE NORMAL GENERATE CHECK	***PASS
TEST 1082 TG	(8)	RATE RTTC GENERATE CHECK	***PASS
TEST 1090 TG	(9)	LSUB ON/OFF FUNCTION CHECK	***PASS
TEST 1091 TG	(9)	RATE SIDE CHANGE CHECK3 (TS FROM PG)	***PASS
TEST 1092 TG	(9)	RATE ASYNCHRONOUS STOP CHECK	***PASS
TEST 1093 TG	(9)	RATE CONTINUE CHECK2 (MATCH)	***PASS
TEST 1094 TG	(9)	STATE TRIGGER DETECT CHECK (FROM PG)	***PASS
TEST 1095 TG	(9)	FAIL TRIGGER DETECT CHECK (FROM PG)	***PASS
TEST 1096 TG	(9)	TS ACCESS CHECK (FROM PG)	***PASS
TEST 2000 ALPG	(1)	OBM(OUT BUFFER MEMORY) R/W CHECK (MARCHING)	***PASS

TEST 2001	ALPG (1)	REGISTER R/W CHECK	***PASS
TEST 2002	ALPG (1)	OBM, OBM-AP, WCS0, WCS1-10, XSCRAM R/W CHECK	***PASS
TEST 2003	ALPG (1)	IDXR1-8 REG. R/W CHECK	***PASS
TEST 2004	ALPG (1)	TIMER DATA & MODE REG. R/W CHECK (TMSEL1-2)	***PASS
TEST 2005	ALPG (1)	TIMER DATA & MODE REG. R/W CHECK (TMSEL 0)	***PASS
TEST 2006	ALPG (1)	UNIT SEL FUNCTION CHECK	***PASS
TEST 2007	ALPG (1)	ALPG MEMORY SELECT CHECK	***PASS
TEST 2008	ALPG (1)	XSCRAM DIVIDE R/W CHECK	***PASS
TEST 2009	ALPG (1)	YSCRAM DIVIDE R/W CHECK	***PASS
TEST 2010	ALPG (2)	WCS0 R/W CHECK (MARCHING)	***PASS
TEST 2011	ALPG (2)	WCS1-10 R/W CHECK (MARCHING)	***PASS
TEST 2012	ALPG (2)	PRE-XSCRAM R/W CHECK (MARCHING)	***PASS
TEST 2013	ALPG (2)	PRE-YSCRAM R/W CHECK (MARCHING)	***PASS
TEST 2014	ALPG (2)	XSCRAM R/W CHECK (MARCHING)	***PASS
TEST 2015	ALPG (2)	YSCRAM R/W CHECK (MARCHING)	***PASS
TEST 2016	ALPG (2)	ARIRAM R/W CHECK (MARCHING)	***PASS
TEST 2017	ALPG (2)	MARK MEMORY R/W CHECK (MARCHING)	***PASS
TEST 2018	ALPG (2)	CBM1 R/W CHECK (MARCHING)	***PASS
TEST 2019	ALPG (2)	CBM2 R/W CHECK (MARCHING)	***PASS
TEST 2020	ALPG (3)	TBRST(TESTER BUS RESET) CHECK	***PASS
TEST 2021	ALPG (3)	PG RESET(CONTROL REG.) CHECK	***PASS
TEST 2050	ALPG (6)	UNIVERSAL COUNTER CLEAR CHECK	***PASS
TEST 2052	ALPG (6)	UNIVERSAL COUNTER REAL-TIME(RT) CHECK	***PASS
TEST 2053	ALPG (6)	STA(START PC) REG. BIT CHECK	***PASS
TEST 2054	ALPG (6)	PG STOP CHECK	***PASS
TEST 2055	ALPG (6)	PG RESET CHECK	***PASS
TEST 2060	ALPG (7)	NOP INSTRUCTION CHECK	***PASS
TEST 2061	ALPG (7)	JMP INSTRUCTION CHECK	***PASS
TEST 2063	ALPG (7)	STPS INSTRUCTION CHECK(PASS FLAG)	***PASS
TEST 2064	ALPG (7)	SPFL INSTRUCTION CHECK(FAIL FLAG)	***PASS
TEST 2070	ALPG (8)	PC LINE CHECK 1 (IPC OUT)	***PASS
TEST 2071	ALPG (8)	PC LINE CHECK 2 (EPC OUT & IESTK)	***PASS
TEST 2072	ALPG (8)	PC LINE CHECK 3 (CDB OUT)	***PASS
TEST 2073	ALPG (8)	PC(EPC) & TEST LINE CHECK(AGEN OUT)	***PASS
TEST 2080	ALPG (9)	TG CONTROL SIGNAL CHECK	***PASS
TEST 2100	ALPG (11)	PC NOP/JMP CHECK	***PASS
TEST 2101	ALPG (11)	PC NOP/RTN CHECK	***PASS
TEST 2102	ALPG (11)	PC JMP/RTN CHECK	***PASS
TEST 2103	ALPG (11)	PC JSR/RTN INSTRUCTION CHECK	***PASS
TEST 2104	ALPG (11)	PC SUBROUTINE STACK BIT CHECK	***PASS
TEST 2105	ALPG (11)	PC STACK OVER/UNDER ERROR CHECK	***PASS
TEST 2106	ALPG (11)	PC IDX1-8 INSTRUCTION CHECK	***PASS
TEST 2110	ALPG (12)	PC JN1-8 INSTRUCTION CHECK 1 (JNIN .-1)	***PASS
TEST 2111	ALPG (12)	PC JN1-8 INSTRUCTION CHECK 2 (JNIN .)	***PASS
TEST 2112	ALPG (12)	PC JN1-8 INSTRUCTION CHECK 3 (ZERO FLAG)	***PASS
TEST 2113	ALPG (12)	PC JNC1-8 INSTRUCTION CHECK	***PASS
TEST 2120	ALPG (13)	PC JZD INSTRUCTION CHECK	***PASS
TEST 2121	ALPG (13)	PC WAIT INSTRUCTION CHECK	***PASS
TEST 2122	ALPG (13)	PC OUT INSTRUCTION CHECK	***PASS
TEST 2123	ALPG (13)	PC STPS INSTRUCTION CHECK	***PASS
TEST 2124	ALPG (13)	PC STFL INSTRUCTION CHECK	***PASS
TEST 2125	ALPG (13)	PC T, TM1, TM2 INSTRUCTION CHECK	***PASS
TEST 2126	ALPG (13)	PC PCSYNC SIGNAL CHECK	***PASS
TEST 2130	ALPG (14)	PC INSTRUCTION COMBINATION CHECK -1	***PASS
TEST 2131	ALPG (14)	PC INSTRUCTION COMBINATION CHECK -2	***PASS
TEST 2132	ALPG (14)	PC IDX1-8 DATA LOAD TIMMING CHECK	***PASS
TEST 2133	ALPG (14)	PC IDX1-8 DATA READ TIMMING CHECK	***PASS

TEST 2134	ALPG (14)	PC PCC MODE FUNCTION CHECK -1	***PASS
TEST 2135	ALPG (14)	PC PCC MODE FUNCTION CHECK -2	***PASS
TEST 2136	ALPG (14)	PC PCC MODE FUNCTION CHECK -3	***PASS
TEST 2137	ALPG (14)	PC PCC MODE FUNCTION CHECK -4	***PASS
TEST 2138	ALPG (14)	PC PCC 1 MODE FUNCTION CHECK	***PASS
TEST 2139	ALPG (14)	PC INSTRUCTION COMBINATION CHECK -3	***PASS
TEST 2140	ALPG (15)	PC TRACE MODE INSTRUCTION CHECK-1	***PASS
TEST 2141	ALPG (15)	PC TRACE MODE INSTRUCTION CHECK-2	***PASS
TEST 2150	ALPG (16)	PC EPC GENERATION BIT CHECK	***PASS
TEST 2151	ALPG (16)	PC EPC GENERATION COMBINATION CHECK	***PASS
TEST 2152	ALPG (16)	PC EPC TRACE MODE CHECK	***PASS
TEST 2160	ALPG (17)	PC EPC GENERATION & INTERRUPT(1)	***PASS
TEST 2161	ALPG (17)	PC EPC GENERATION & INTERRUPT(2)	***PASS
TEST 2200	ALPG (21)	AGEN SET INSTRUCTION CHECK 1	***PASS
TEST 2201	ALPG (21)	AGEN SET INSTRUCTION CHECK 2	***PASS
TEST 2202	ALPG (21)	AGEN XT FUNCTION CHECK	***PASS
TEST 2203	ALPG (21)	AGEN YT FUNCTION CHECK	***PASS
TEST 2204	ALPG (21)	AGEN XB INSTRUCTION CHECK	***PASS
TEST 2205	ALPG (21)	AGEN YB INSTRUCTION CHECK	***PASS
TEST 2210	ALPG (22)	AGEN D3 INSTRUCTION CHECK	***PASS
TEST 2211	ALPG (22)	AGEN D4 INSTRUCTION CHECK	***PASS
TEST 2212	ALPG (22)	AGEN D3 D4 REGISTER LINK CHECK	***PASS
TEST 2213	ALPG (22)	AGEN X-ALU SOURCE A FIELD CHECK	***PASS
TEST 2214	ALPG (22)	AGEN Y-ALU SOURCE A FIELD CHECK	***PASS
TEST 2215	ALPG (22)	AGEN X-ALU SOURCE B FIELD CHECK	***PASS
TEST 2216	ALPG (22)	AGEN Y-ALU SOURCE B FIELD CHECK	***PASS
TEST 2220	ALPG (23)	AGEN X-ALU OPERATION FIELD CHECK	***PASS
TEST 2221	ALPG (23)	AGEN Y-ALU OPERATION FIELD CHECK 1	***PASS
TEST 2222	ALPG (23)	AGEN Y-ALU OPERATION FIELD CHECK 2	***PASS
TEST 2223	ALPG (23)	AGEN Y-ALU OPERATION FIELD CHECK 3	***PASS
TEST 2224	ALPG (23)	AGEN Y-ALU OPERATION FIELD CHECK 4	***PASS
TEST 2225	ALPG (23)	AGEN Y-ALU OPERATION FIELD CHECK 5	***PASS
TEST 2226	ALPG (23)	AGEN X-ALU DESTINATION FIELD CHECK	***PASS
TEST 2227	ALPG (23)	AGEN Y-ALU DESTINATION FIELD CHECK	***PASS
TEST 2230	ALPG (24)	AGEN X-OUT(L<(XC,XB,XS)) DATA MUX CHECK	***PASS
TEST 2231	ALPG (24)	AGEN Y-OUT(H<(YC,YB,YS)) DATA MUX CHECK	***PASS
TEST 2232	ALPG (24)	AGEN XB CARRY CHECK	***PASS
TEST 2233	ALPG (24)	AGEN XC CARRY CHECK	***PASS
TEST 2234	ALPG (24)	AGEN YB CARRY CHECK	***PASS
TEST 2235	ALPG (24)	AGEN YC CARRY CHECK	***PASS
TEST 2236	ALPG (24)	AGEN LMAX<>HMAX INSTRUCTION CHECK	***PASS
TEST 2240	ALPG (25)	AGEN Z INSTRUCTION CHECK 1	***PASS
TEST 2241	ALPG (25)	AGEN Z INSTRUCTION CHECK 2	***PASS
TEST 2242	ALPG (25)	AGEN Z INSTRUCTION CHECK 3	***PASS
TEST 2243	ALPG (25)	AGEN N INSTRUCTION CHECK	***PASS
TEST 2244	ALPG (25)	AGEN X MUX (X<L,X<H,X<L'Z,X<Z) CHECK	***PASS
TEST 2245	ALPG (25)	AGEN Y MUX (Y<L,Y<H,Y<L'Z,Y<Z) CHECK	***PASS
TEST 2246	ALPG (25)	AGEN /X INSTRUCTION CHECK	***PASS
TEST 2247	ALPG (25)	AGEN /Y INSTRUCTION CHECK	***PASS
TEST 2248	ALPG (25)	AGEN /Z INSTRUCTION CHECK	***PASS
TEST 2250	ALPG (26)	AGEN XMAX MASK CHECK	***PASS
TEST 2251	ALPG (26)	AGEN YMAX MASK CHECK	***PASS
TEST 2252	ALPG (26)	AGEN ZMAX MASK CHECK	***PASS
TEST 2253	ALPG (26)	AGEN X-Z MULTIPLEXER (XZ ENABLE) CHECK	***PASS
TEST 2254	ALPG (26)	AGEN Y-Z MULTIPLEXER (YZ ENABLE) CHECK	***PASS
TEST 2255	ALPG (26)	AGEN X-N MULTIPLEXER (XN ENABLE) CHECK	***PASS
TEST 2256	ALPG (26)	AGEN Y-N MULTIPLEXER (YN ENABLE) CHECK	***PASS

TEST 2257 ALPG (26)	AGEN RF COUNTER CHECK	***PASS
TEST 2260 ALPG (27)	AGEN X OFFSET ADDRESS ADDER CHECK	***PASS
TEST 2261 ALPG (27)	AGEN Y OFFSET ADDRESS ADDER CHECK	***PASS
TEST 2270 ALPG (28)	AGEN ILM-SET INSTRUCTION CHECK	***PASS
TEST 2271 ALPG (28)	AGEN XB EX-INSTRUCTION CHECK	***PASS
TEST 2272 ALPG (28)	AGEN YB EX-INSTRUCTION CHECK	***PASS
TEST 2273 ALPG (28)	AGEN D3 EX-INSTRUCTION CHECK	***PASS
TEST 2274 ALPG (28)	AGEN D4 EX-INSTRUCTION CHECK	***PASS
TEST 2275 ALPG (28)	AGEN XC EX-INSTRUCTION CHECK 1	***PASS
TEST 2276 ALPG (28)	AGEN YC EX-INSTRUCTION CHECK 1	***PASS
TEST 2277 ALPG (28)	AGEN XC EX-INSTRUCTION CHECK 2	***PASS
TEST 2278 ALPG (28)	AGEN YC EX-INSTRUCTION CHECK 2	***PASS
TEST 2280 ALPG (29)	AGEN ILM XB CARRY CHECK	***PASS
TEST 2281 ALPG (29)	AGEN ILM XC CARRY CHECK	***PASS
TEST 2282 ALPG (29)	AGEN ILM YB CARRY CHECK	***PASS
TEST 2283 ALPG (29)	AGEN ILM YC CARRY CHECK	***PASS
TEST 2284 ALPG (29)	AGEN Z EX-INSTRUCTION CHECK	***PASS
TEST 2285 ALPG (29)	AGEN N EX-INSTRUCTION CHECK	***PASS
TEST 2286 ALPG (29)	AGEN PSCROFF/SCROFF OUTPUT CHECK	***PASS
TEST 2300 ALPG (31)	PRESCRAM FORMAT REG R/W CHECK	***PASS
TEST 2301 ALPG (31)	PRESCRAM PREXSCRAM ADDRESS SELECT CHECK	***PASS
TEST 2302 ALPG (31)	PRESCRAM PREYSCRAM ADDRESS SELECT CHECK	***PASS
TEST 2303 ALPG (31)	PRESCRAM PREXSCRAM MULTIPLEX CHECK	***PASS
TEST 2304 ALPG (31)	PRESCRAM PREYSCRAM MULTIPLEX CHECK	***PASS
TEST 2305 ALPG (31)	PRESCRAM PREXSCRAM CONVERSION CHECK	***PASS
TEST 2306 ALPG (31)	PRESCRAM PREYSCRAM CONVERSION CHECK	***PASS
TEST 2307 ALPG (31)	PRESCRAM P.S.MODE X ADDRESS ON/OFF CHECK	***PASS
TEST 2308 ALPG (31)	PRESCRAM P.S.MODE Y ADDRESS ON/OFF CHECK	***PASS
TEST 2310 ALPG (32)	SCRAM FORMAT REG. R/W CHECK	***PASS
TEST 2311 ALPG (32)	SCRAM XSCRAM ADDRESS SELECT CHECK	***PASS
TEST 2312 ALPG (32)	SCRAM YSCRAM ADDRESS SELECT CHECK	***PASS
TEST 2313 ALPG (32)	SCRAM XSCRAM MULTIPLEX CHECK (UX0-15)	***PASS
TEST 2314 ALPG (32)	SCRAM YSCRAM MULTIPLEX CHECK (UY0-15)	***PASS
TEST 2315 ALPG (32)	SCRAM XSCRAM CONVERSION CHECK (UX0-15)	***PASS
TEST 2316 ALPG (32)	SCRAM YSCRAM CONVERSION CHECK (UY0-15)	***PASS
TEST 2320 ALPG (33)	SCRAM XSCRAM MULTIPLEX CHECK (FX0-15)	***PASS
TEST 2321 ALPG (33)	SCRAM YSCRAM MULTIPLEX CHECK (FY0-15)	***PASS
TEST 2322 ALPG (33)	PRESCRAM REAL TIME OFF CHECK	***PASS
TEST 2323 ALPG (33)	SCRAM REAL TIME OFF CHECK 1 (UX,UY)	***PASS
TEST 2324 ALPG (33)	SCRAM REAL TIME OFF CHECK 2 (FX,FY)	***PASS
TEST 2325 ALPG (33)	SCRAM XSCRAM CONVERSION CHECK (FX0-15)	***PASS
TEST 2326 ALPG (33)	SCRAM YSCRAM CONVERSION CHECK (FY0-15)	***PASS
TEST 2330 ALPG (34)	SCRAM XSYNC MODE FUNCTION CHECK	***PASS
TEST 2331 ALPG (34)	SCRAM YSYNC MODE FUNCTION CHECK	***PASS
TEST 2332 ALPG (34)	MAIN SCRAM SYNC MODE FUNCTION CHECK	***PASS
TEST 2340 ALPG (35)	SCRAM XWINDOW FUNCTION CHECK	***PASS
TEST 2341 ALPG (35)	SCRAM YWINDOW FUNCTION CHECK	***PASS
TEST 2342 ALPG (35)	SCRAM WINDOW MODE FUNCTION CHECK	***PASS
TEST 2350 ALPG (36)	PRESCRAM P.S.CONT REG ON/OFF CHECK	***PASS
TEST 2351 ALPG (36)	PRESCRAM Y PLUS Z FUNCTION CHECK	***PASS
TEST 2352 ALPG (36)	PRESCRAM Y XOR Z FUNCTION CHECK	***PASS
TEST 2353 ALPG (36)	PRESCRAM P.S.MODE SELECT CHECK	***PASS
TEST 2360 ALPG (37)	SCRAM PDS ADDRESS ACCESS CHECK 1 (PX PY)	***PASS
TEST 2361 ALPG (37)	SCRAM FM ADDRESS ACCESS CHECK 1 (PX PY)	***PASS
TEST 2362 ALPG (37)	SCRAM PDS ADDRESS ACCESS CHECK 2 (FX FY)	***PASS
TEST 2363 ALPG (37)	SCRAM FM ADDRESS ACCESS CHECK 2 (FX FY)	***PASS
TEST 2364 ALPG (37)	SCRAM DIVIDE MODE FUNCTION CHECK 1 (PX PY)	***PASS

TEST 2365	ALPG (37)	SCRAM DIVIDE MODE FUNCTION CHECK 2 (FX FY)	***PASS
TEST 2400	ALPG (41)	DGEN SET INSTRUCTION CHECK 1	***PASS
TEST 2401	ALPG (41)	DGEN SET INSTRUCTION CHECK 2	***PASS
TEST 2402	ALPG (41)	DGEN TP1 REGISTER FUNCTION CHECK	***PASS
TEST 2403	ALPG (41)	DGEN TP2 REGISTER FUNCTION CHECK	***PASS
TEST 2404	ALPG (41)	DGEN /D1 & DCMR1 FUNCTION CHECK	***PASS
TEST 2405	ALPG (41)	DGEN /D2 & DCMR2 FUNCTION CHECK	***PASS
TEST 2406	ALPG (41)	DGEN DATA HOLD INSTRUCTION(PD) CHECK	***PASS
TEST 2407	ALPG (41)	DGEN DATA PARITY MODE CHECK (MODE PARITY)	***PASS
TEST 2410	ALPG (42)	DGEN DSD,RCD,CCD REG. FUNCTION CHECK	***PASS
TEST 2411	ALPG (42)	DGEN FP0 FUNCTION CHECK	***PASS
TEST 2412	ALPG (42)	DGEN FP1(X0.XOR.Y0) FUNCTION CHECK	***PASS
TEST 2413	ALPG (42)	DGEN FP3(X=Y+DSD) FUNCTION CHECK	***PASS
TEST 2414	ALPG (42)	DGEN FP4(X=/(Y+DSD)) FUNCTION CHECK	***PASS
TEST 2415	ALPG (42)	DGEN FP7(MASK PARITY) FUNCTION CHECK	***PASS
TEST 2416	ALPG (42)	DGEN FP8(X=RCD) FUCNTION CHECK	***PASS
TEST 2417	ALPG (42)	DGEN FP9(Y=CCD) FUNCTION CHECK	***PASS
TEST 2418	ALPG (42)	DGEN FP10(X=RCD.AND.Y=CCD) FUNCTION CHECK	***PASS
TEST 2419	ALPG (42)	DGEN FP FUNCTION DATA INVERT CHECK	***PASS
TEST 2420	ALPG (43)	DGEN ARIRAM ADDRESS FORMAT REG R/W CHECK	***PASS
TEST 2421	ALPG (43)	DGEN ARIRAM ADDRESS SELECT FUNCTION CHECK	***PASS
TEST 2422	ALPG (43)	DGEN ARIRAM DATA INVERT CHECK	***PASS
TEST 2423	ALPG (43)	DGEN ARIRAM DATA BIT CHECK	***PASS
TEST 2424	ALPG (43)	DGEN ARIRAM SIGNAL HOLD CHECK	***PASS
TEST 2425	ALPG (43)	DGEN ARIRAM INVERT REAL TIME INHIBIT CHECK	***PASS
TEST 2430	ALPG (44)	DGEN TPXOR FUNCTION CHECK	***PASS
TEST 2431	ALPG (44)	DGEN DSC FUNCTION CHECK	***PASS
TEST 2432	ALPG (44)	DGEN CBMAP FUNCTION CHECK	***PASS
TEST 2433	ALPG (44)	DGEN DSYNC FUNCTION CHECK	***PASS
TEST 2434	ALPG (44)	DGEN DCF FUNCTION CHECK	***PASS
TEST 2435	ALPG (44)	DGEN DSEL(TP1/2/XOR) FUNCTION CHECK	***PASS
TEST 2436	ALPG (44)	DGEN TPS1 FUNCTION CHECK	***PASS
TEST 2437	ALPG (44)	DGEN TPS2 FUNCTION CHECK	***PASS
TEST 2440	ALPG (45)	DGEN TP1 EX-INSTRUCTION CHECK 1	***PASS
TEST 2441	ALPG (45)	DGEN TP2 EX-INSTRUCTION CHECK 1	***PASS
TEST 2442	ALPG (45)	DGEN TP1 EX-INSTRUCTION CHECK 2	***PASS
TEST 2443	ALPG (45)	DGEN TP2 EX-INSTRUCTION CHECK 2	***PASS
TEST 2444	ALPG (45)	DGEN CBMAP EX-INSTRUCTION CHECK	***PASS
TEST 2450	ALPG (46)	DGEN BWPE BD/CD/MD RF R/W CHECK	***PASS
TEST 2451	ALPG (46)	DGEN BWPE ADDRESS SEL R/W CHECK	***PASS
TEST 2452	ALPG (46)	DGEN BWPE ADDRESS SEL FUNCTION CHECK	***PASS
TEST 2453	ALPG (46)	DGEN BWPE BD/CD/MD REAL-TIME WRITE CHECK	***PASS
TEST 2454	ALPG (46)	DGEN BWPE BD/CD/MD REAL-TIME READ CHECK	***PASS
TEST 2455	ALPG (46)	DGEN BWPE BD EMULATION CHECK	***PASS
TEST 2456	ALPG (46)	DGEN BWPE CD EMULATION CHECK	***PASS
TEST 2457	ALPG (46)	DGEN BWPE MD EMULATION CHECK	***PASS
TEST 2458	ALPG (46)	DGEN BWPE TP1 EMULATION CHECK	***PASS
TEST 2459	ALPG (46)	DGEN BWPE TP2 EMULATION CHECK	***PASS
TEST 2500	ALPG (51)	CDB CBMA/CBMB DATA OUTPUT CHECK	***PASS
TEST 2501	ALPG (51)	CDB DA/DB DATA OUTPUT CHECK	***PASS
TEST 2502	ALPG (51)	CDB DA/DB DATA SELECT CHECK	***PASS
TEST 2503	ALPG (51)	CDB DSC OUTPUT CHECK	***PASS
TEST 2504	ALPG (51)	CDB DCF OUTPUT CHECK	***PASS
TEST 2505	ALPG (51)	CDB ARI DATA OUTPUT CHECK	***PASS
TEST 2506	ALPG (51)	CDB ARI SIGNAL HOLD CHECK	***PASS
TEST 2507	ALPG (51)	CDB ARI CONTROL REAL-TIME INHIBIT CHECK	***PASS
TEST 2510	ALPG (52)	CDB TS0-3 OUTPUT CHECK	***PASS

TEST 2511 ALPG (52) CDB TS SYNC SELECT CHECK	***PASS
TEST 2512 ALPG (52) CDB FM CONTROL SIGNAL OUTPUT CHECK	***PASS
TEST 2513 ALPG (52) CDB MUT SYNC SIGNAL SELECT CHECK	***PASS
TEST 2514 ALPG (52) CDB MUT CONTROL BIT OUTPUT CHECK	***PASS
TEST 2515 ALPG (52) CDB PPS CONTROL SIGNAL SELECT CHECK	***PASS
TEST 2520 ALPG (53) CDB PREF FUNCTION CHECK	***PASS
TEST 2521 ALPG (53) CDB CPE1-4,DRE1-2,RINV BIT CHECK	***PASS
TEST 2522 ALPG (53) CDB CPE1-4,DRE1-2,RINV SELECT CHECK	***PASS
TEST 2523 ALPG (53) CDB WINDOW MODE CHECK	***PASS
TEST 2524 ALPG (53) CDB FLAG OUTPUT CHECK	***PASS
TEST 2525 ALPG (53) CDB SYNC SELECT CHECK	***PASS
TEST 2600 ALPG (61) PGCONT U.C. CHECK (PATTERN COUNT MODE)	***PASS
TEST 2601 ALPG (61) PGCONT U.C. CHECK (SYNC COUNT MODE)	***PASS
TEST 2602 ALPG (61) PGCONT U.C. CHECK (FAIL COUNT MODE)	***PASS
TEST 2603 ALPG (61) PGCONT FAIL TRIGGER OUTPUT CHECK	***PASS
TEST 2604 ALPG (61) PGCONT STATE TRIG OUTPUT CHECK	***PASS
TEST 2605 ALPG (61) PGCONT TIMER1(GENERAL TIMER) FULL BIT COUNT	***PASS
TEST 2606 ALPG (61) PGCONT TIMER2(PAUSE TIMER) FULL BIT COUNT	***PASS
TEST 2610 ALPG (62) PGCONT TIMER OPERATION CHECK-1 (TIMER DATA=#1)	***PASS
TEST 2611 ALPG (62) PGCONT TIMER OPERATION CHECK-2(FIRST PATTERN)	***PASS
TEST 2613 ALPG (62) PGCONT TIMER CHECK (JET INSTRUCTION CHECK)	***PASS
TEST 2614 ALPG (62) PGCONT TIMER BRANCH MODE CHECK	***PASS
TEST 2615 ALPG (62) PGCONT TIMER REFRESH-A MODE CHECK(RESTART)	***PASS
TEST 2616 ALPG (62) PGCONT TIMER REFRESH-B MODE CHECK(RESTART)	***PASS
TEST 2620 ALPG (63) PGCONT TIMER1 RANGE CHECK (CURRENT CLK)	***PASS
TEST 2621 ALPG (63) PGCONT TIMER1 RANGE CHECK (TIMER RANGE)	***PASS
TEST 2622 ALPG (63) PGCONT TIMER2 RANGE CHECK (TIMER RANGE)	***PASS
TEST 2623 ALPG (63) PGCONT TIMER PAUSE MODE CHECK	***PASS
TEST 2624 ALPG (63) PGCONT TM1 TM2 FUNCTION CHECK	***PASS
TEST 2630 ALPG (64) PC INTERRUPT CHECK (ISP REG. BIT CHECK,REF-B)	***PASS
TEST 2631 ALPG (64) PC INTERRUPT CHECK (INTERRUPT RETURN,REF-B)	***PASS
TEST 2632 ALPG (64) PC INTERRUPT CHECK (ISTK BIT CHECK,REF-B)	***PASS
TEST 2633 ALPG (64) PC INTERRUPT CHECK (JSR INST,REF-B)	***PASS
TEST 2634 ALPG (64) PC INTERRUPT CHECK (IDXI INST,OP.=0,REF-B)	***PASS
TEST 2635 ALPG (64) PC INTERRUPT CHECK (IDXI INST,OP.<>0,REF-B)	***PASS
TEST 2636 ALPG (64) PC INTERRUPT CHECK (JNI OP.=PC,IDX=0,REF-B)	***PASS
TEST 2637 ALPG (64) PC INTERRUPT CHECK (JNI OP.=PC,IDX<>0,REF-B)	***PASS
TEST 2638 ALPG (64) PC INTERRUPT CHECK (JNI INST,OP.<>PC,REF-B)	***PASS
TEST 2640 ALPG (65) PC INTERRUPT CHECK (RTN INST,REF-B)	***PASS
TEST 2641 ALPG (65) PC INTERRUPT CHECK (STPS INST,REF-B)	***PASS
TEST 2642 ALPG (65) PC INTERRUPT CHECK (STFL INST,REF-B)	***PASS
TEST 2643 ALPG (65) PC INTERRUPT CHECK (PCC MODE=2,REF-B)	***PASS
TEST 2644 ALPG (65) PC INTERRUPT CHECK (I INST,REF-B)	***PASS
TEST 2645 ALPG (65) PC INTERRUPT CHECK (NOP OR JMP INST,BRANCH)	***PASS
TEST 2646 ALPG (65) PC INTERRUPT CHECK (JSR OR RTN&STACK BRANCH)	***PASS
TEST 2650 ALPG (66) PC INTERRUPT CHECK (IDXI INST,OP.<>0,BRANCH)	***PASS
TEST 2651 ALPG (66) PC INTERRUPT CHECK (IDXI INST,OP.=0,BRANCH)	***PASS
TEST 2652 ALPG (66) PC INTERRUPT CHECK (JNI INST,OP.=PC,BRANCH)	***PASS
TEST 2653 ALPG (66) PC INTERRUPT CHECK (JNI INST,OP.<>PC,BRANCH)	***PASS
TEST 2660 ALPG (67) PC FLGLI1 INSTRUCTION MATCH DETECTOR CHECK -1	***PASS
TEST 2661 ALPG (67) PC FLGLI1 INSTRUCTION MATCH DETECTOR CHECK -2	***PASS
TEST 2662 ALPG (67) PC FLGLI1 INSTRUCTION MATCH DETECTOR CHECK -3	***PASS
TEST 2700 ALPG (71) PGCONT REPEAT FUNCTION CHECK (RESTART)	***PASS
TEST 2701 ALPG (71) PGCONT REPEAT FUNCTION CHECK (PASS/FAIL STATUS)	***PASS
TEST 2702 ALPG (71) PGCONT REPEAT FUNCTION CHECK (PASS/FAIL INH)	***PASS
TEST 2703 ALPG (71) PGCONT REPEAT FUNCTION CHECK (STACK ERROR INTR)	***PASS
TEST 2704 ALPG (71) PGCONT REPEAT FUNCTION CHECK (STACK ERR REPT.)	***PASS

TEST 2705 ALPG (71)	PGCONT REPEAT FUNCTION CHECK (REPT. STOP)	***PASS
TEST 2706 ALPG (71)	PGCONT REPEAT FUNCTION CHECK (FAIL STOP REPEAT)	***PASS
TEST 2707 ALPG (71)	PGCONT REPEAT FUNCTION CHECK (FAIL STOP INH)	***PASS
TEST 2710 ALPG (72)	PGCONT TRACE STEP FUNCTION CHECK	***PASS
TEST 2711 ALPG (72)	PGCONT TRACE BREAK ON PC FUNCTION CHECK	***PASS
TEST 2712 ALPG (72)	PGCONT TRACE BREAK ON PATTERN FUNCTION CHECK	***PASS
TEST 2713 ALPG (72)	PGCONT TRACE BREAK ON SYNC FUNCTION CHECK	***PASS
TEST 2714 ALPG (72)	PGCONT TRACE MODE STPS/STFL STOP CHECK	***PASS
TEST 2715 ALPG (72)	PGCONT TRACE MODE PASS/FAIL FLAG CHECK	***PASS
TEST 2716 ALPG (72)	PGCONT TRACE & REPEAT MODE FUNCTION CHECK	***PASS
TEST 2717 ALPG (72)	PGCONT TRACE BREAK ON PC CONTIOUS CHECK	***PASS
TEST 2718 ALPG (72)	PGCONT TRACE BREAK ON PATTERN CONTIOUS CHECK	***PASS
TEST 2719 ALPG (72)	PGCONT TRACE BREAK ON SYNC CONTIOUS CHECK	***PASS
TEST 2720 ALPG (73)	PGCONT TRACE MODE WCS0-1 READ & TRACE CONTINUE	***PASS
TEST 2721 ALPG (73)	PGCONT TRACE MODE TS DATA OUTPUT READ CHECK	***PASS
TEST 2722 ALPG (73)	PGCONT TRACE MODE MUT SIGNAL OUTPUT READ CHECK	***PASS
TEST 2723 ALPG (73)	PGCONT TRACE MODE X ADDRESS OUTPUT READ CHECK	***PASS
TEST 2724 ALPG (73)	PGCONT TRACE MODE Y ADDRESS OUTPUT READ CHECK	***PASS
TEST 2725 ALPG (73)	PGCONT TRACE MODE DA DATA OUTPUT READ CHECK	***PASS
TEST 2726 ALPG (73)	PGCONT TRACE MODE DB DATA OUTPUT READ CHECK	***PASS
TEST 2727 ALPG (73)	PGCONT TRACE MODE FAIL STOP INHIBIT CHECK	***PASS
TEST 2728 ALPG (73)	PGCONT TRACE MODE STACK ERROR STOP CHECK	***PASS
TEST 2730 ALPG (74)	PGCONT FAIL STOP FUNCTION CHECK	***PASS
TEST 2750 ALPG (76)	PGCONT OUT FUNCTION PRECHECK 1	***PASS
TEST 2752 ALPG (76)	PGCONT OUT FUNCTION PRECHECK 3	***PASS
TEST 2753 ALPG (76)	PGCONT OUT FUNCTION PRECHECK 4	***PASS
TEST 2755 ALPG (76)	PGCONT OUT FUNCTION PRECHECK 6	***PASS
TEST 2756 ALPG (76)	PGCONT OUT FUNCTION PRECHECK 7	***PASS
TEST 2757 ALPG (76)	PGI/F OUT FUNCTION PRECHECK 8	***PASS
TEST 2760 ALPG (77)	PGI/F OUT OBM ADDRESS POINTER BIT CHECK	***PASS
TEST 2761 ALPG (77)	PGI/F OUT START BLOCK SELECT CHECK 1	***PASS
TEST 2762 ALPG (77)	PGI/F OUT START BLOCK SELECT CHECK 2	***PASS
TEST 2763 ALPG (77)	PGI/F OUT DATA BIT CHECK	***PASS
TEST 2764 ALPG (77)	PGI/F OUT FUNCTION CHECK 1	***PASS
TEST 2765 ALPG (77)	PGI/F OUT FUNCTION CHECK 2	***PASS
TEST 2766 ALPG (77)	PGI/F OUT FUNCTION CHECK 3	***PASS
TEST 2767 ALPG (77)	PGI/F OUT FUNCTION CHECK 4	***PASS
TEST 2768 ALPG (77)	PGI/F OUT TIMER BIT CHECK	***PASS
TEST 2769 ALPG (77)	PGI/F OUT FUNCTION CHECK 5	***PASS
TEST 2770 ALPG (78)	PGI/F OUT HOLD CHECK	***PASS
TEST 2771 ALPG (78)	PGI/F OUT CONTINUE CHECK	***PASS
TEST 2772 ALPG (78)	PGI/F OUT HOLD-CONTINUE CHECK	***PASS
TEST 2773 ALPG (78)	PGI/F OUT ERROR CHECK	***PASS
TEST 2774 ALPG (78)	PGI/F OUT TIMER ERROR CHECK	***PASS
TEST 2775 ALPG (78)	PGI/F OUT RESET CHECK 1 (PG END)	***PASS
TEST 2776 ALPG (78)	PGI/F OUT RESET CHECK 2 (PG RESET)	***PASS
TEST 2777 ALPG (78)	PGI/F OUT RESET CHECK 3 (TBRST)	***PASS
TEST 2778 ALPG (78)	PGI/F OUT WAIT HOLD-CONTINUE CHECK	***PASS
TEST 2800 ALPG (81)	DFM REGISTER R/W CHECK(M/S SEL REG)	***PASS
TEST 2801 ALPG (81)	DFM REGISTER R/W CHECK(DFM MODE REG)	***PASS
TEST 2802 ALPG (81)	DFM REGISTER R/W CHECK(DFM COUNTER)	***PASS
TEST 2803 ALPG (81)	DFM REGISTER R/W CHECK(STOP COUNT REG)	***PASS
TEST 2804 ALPG (81)	DFM REGISTER R/W CHECK(FM MEM SEL-PGCONT)	***PASS
TEST 2805 ALPG (81)	DFM REGISTER R/W CHECK(AFMAP)	***PASS
TEST 2806 ALPG (81)	DFM REGISTER R/W CHECK(FM RESET-PGCONT)	***PASS
TEST 2807 ALPG (81)	DFM REGISTER R/W CHECK(DFMAP-PGCONT)	***PASS
TEST 2808 ALPG (81)	DFM REGISTER R/W CHECK(M/S SELECT)	***PASS

TEST 2809 ALPG (81)	DFM REGISTER R/W CHECK(DFMAP INC-1)	***PASS
TEST 2810 ALPG (82)	DFM REGISTER R/W CHECK(FM MEM SEL-ALPG)	***PASS
TEST 2811 ALPG (82)	DFM REGISTER R/W CHECK(FM RESET-ALPG)	***PASS
TEST 2812 ALPG (82)	DFM REGISTER R/W CHECK(DFMAP-ALPG)	***PASS
TEST 2813 ALPG (82)	DFM REGISTER R/W CHECK(DFMAP INC-2)	***PASS
TEST 2820 ALPG (83)	DFM AP(PGCNT) M/S CONTROL CHECK	***PASS
TEST 2821 ALPG (83)	DFM AP(PGCONT) FULL COUNT CHECK	***PASS
TEST 2822 ALPG (83)	DFM AP(PGCONT) SELECT CHECK	***PASS
TEST 2823 ALPG (83)	DFM COUNTER & AFMAP COUNT CHECK	***PASS
TEST 2824 ALPG (83)	DFM COUNTER & AFMAP CARRY CHECK	***PASS
TEST 2825 ALPG (83)	DFM COUNTER & AFMAP COMP. CHECK	***PASS
TEST 2826 ALPG (83)	DFM COUNTER & AFMAP SELECT CHECK	***PASS
TEST 2830 ALPG (84)	DFM MARK MEMORY STORE CHECK(DATA BIT)	***PASS
TEST 2831 ALPG (84)	DFM MARK MEMORY STORE CHECK(STORE SEL)	***PASS
TEST 2832 ALPG (84)	DFM MARK MEMORY STORE CHECK(ALL ADRS)	***PASS
TEST 2833 ALPG (84)	DFM MARK MEMORY STORE CHECK(FSTOP INH)	***PASS
TEST 2834 ALPG (84)	DFM MARK MEMORY STORE CHECK(FSTOP FIRST)	***PASS
TEST 2835 ALPG (84)	DFM MARK MEMORY STORE CHECK(FSTOP LAST)	***PASS
TEST 2836 ALPG (84)	DFM STORE SIG OUTPUT CHECK	***PASS
TEST 2840 ALPG (85)	DFM AP(ALPG) FULL COUNT CHECK	***PASS
TEST 2841 ALPG (85)	DFM AP(ALPG) STORE SEL CHECK	***PASS
TEST 2842 ALPG (85)	DFM STORE CHECK(BIT CHECK)	***PASS
TEST 2843 ALPG (85)	DFM STORE CHECK(ALL0 ALL1)	***PASS
TEST 2844 ALPG (85)	DFM STORE CHECK(PC=#155 PC=#2AA)	***PASS
TEST 2845 ALPG (85)	DFM STORE CHECK(FAIL STOP)	***PASS
TEST 2846 ALPG (85)	DFM STORE CHECK(FAIL STOP FIRST PAT)	***PASS
TEST 2847 ALPG (85)	DFM STORE CHECK(FAIL STOP LAST PAT)	***PASS
TEST 2850 ALPG (86)	DFM STORE CHECK(FAIL STOP INH MODE)	***PASS
TEST 2851 ALPG (86)	DFM STORE CHECK(STOP COUNT=0)	***PASS
TEST 2860 ALPG (87)	DISPLAY X ADR. OUTPUT CHECK	***PASS
TEST 2861 ALPG (87)	DISPLAY Y ADR. OUTPUT CHECK	***PASS
TEST 2862 ALPG (87)	DISPLAY MUT OUTPUT CHECK	***PASS
TEST 2863 ALPG (87)	DISPLAY C0-15 OUTPUT CHECK	***PASS
TEST 2864 ALPG (87)	DISPLAY PC OUTPUT CHECK	***PASS
TEST 2865 ALPG (87)	DISPLAY OUTPUT SELECT CHECK	***PASS
TEST 3001 TGFC (1)	REG R/W COMPATIBLE VERSION FC CHECK	***PASS
TEST 3002 TGFC (1)	REG R/W DR RESET INHIBIT CHECK	***PASS
TEST 3003 TGFC (1)	REG R/W PIN DEFINE TABLE SELECT CHECK	***PASS
TEST 3004 TGFC (1)	REG R/W INTERLEAVE MODE CHECK	***PASS
TEST 3005 TGFC (1)	REG R/W CHILD SELECT REGISTER CHECK	***PASS
TEST 3006 TGFC (1)	PIN DATA RESET CHECK1	***PASS
TEST 3007 TGFC (1)	TESTER BUS RESET CHECK1	***PASS
TEST 3008 TGFC (1)	REG R/W TS SET REGISTER CHECK	***PASS
TEST 3009 TGFC (1)	REG R/W RATE FIX MODE REGISTER CHECK	***PASS
TEST 3010 TGFC (1)	REG R/W EDGE CONTROL REGISTER CHECK	***PASS
TEST 3011 TGFC (1)	REG R/W POINTER MEMORY ADDRESS REG CHECK	***PASS
TEST 3012 TGFC (1)	REG R/W LINEARIZE MEMORY ADDRESS REG CHECK	***PASS
TEST 3013 TGFC (1)	REG R/W RATE DATA DIAG READ CHECK	***PASS
TEST 3014 TGFC (1)	REG R/W WIDE RANGE DIAG READ CHECK	***PASS
TEST 3015 TGFC (1)	REG R/W POINTER MEMORY DATA CHECK	***PASS
TEST 3016 TGFC (1)	REG R/W LINEARIZE MEMORY DATA CHECK	***PASS
TEST 3017 TGFC (1)	REG R/W PIN CLOCK DATA MEMORY CHECK	***PASS
TEST 3018 TGFC (1)	REG R/W PIN CLOCK CAL DATA MEMORY CHECK	***PASS
TEST 3019 TGFC (1)	TESTER BUS RESET CHECK2	***PASS
TEST 3020 TGFC (1)	TG GENERAL RESET & BUSY READ CHECK	***PASS
TEST 3021 TGFC (1)	TG INITIAL RESET CHECK1	***PASS
TEST 3022 TGFC (1)	PIN DEFINE TABLE CHECK1	***PASS

TEST 3023	TGFC (1)	UNIVERSAL MEMORY1 DATA CHECK	***PASS
TEST 3024	TGFC (1)	UNIVERSAL MEMORY2 DATA CHECK	***PASS
TEST 3051	TGFC (2)	REG R/W PM SELECT REGISTER CHECK	***PASS
TEST 3052	TGFC (2)	REG R/W PDS PIN DATA SET (DR) CHECK	***PASS
TEST 3053	TGFC (2)	REG R/W PDS PIN DATA SET (CP) CHECK	***PASS
TEST 3054	TGFC (2)	REG R/W CHILD-VD IOCOM REGISTER CHECK	***PASS
TEST 3055	TGFC (2)	REG R/W DR PRE-VD SKEW ADJ. CHECK	***PASS
TEST 3056	TGFC (2)	REG R/W DRE PRE-VD SKEW ADJ. CHECK	***PASS
TEST 3057	TGFC (2)	REG R/W DR CHILD-VD SKEW ADJ. CHECK	***PASS
TEST 3058	TGFC (2)	REG R/W DRE CHILD-VD SKEW ADJ. CHECK	***PASS
TEST 3059	TGFC (2)	REG R/W CHILD-VD DR PATTERN DIAG CHECK	***PASS
TEST 3060	TGFC (2)	REG R/W CHILD-VD CAL LOOP ENABLE CHECK	***PASS
TEST 3061	TGFC (2)	REG R/W CHILD-VD RLOOP CONTROL CHECK	***PASS
TEST 3062	TGFC (2)	REG R/W CHILD-VD PULSER CONTROL CHECK	***PASS
TEST 3063	TGFC (2)	REG R/W CHILD-VD LINE DISABLE CHECK	***PASS
TEST 3064	TGFC (2)	REG R/W CHILD-VD HEATER ADJUST CHECK	***PASS
TEST 3065	TGFC (2)	REG R/W CHILD-VD 2ND OR CHECK	***PASS
TEST 3066	TGFC (2)	REG R/W CHILD-VD PULSE WIDTH ADJUST CHECK(LOOP)	***PASS
TEST 3067	TGFC (2)	REG R/W CHILD-VD PULSE WIDTH ADJUST CHECK(PIN)	***PASS
TEST 3068	TGFC (2)	PIN DATA RESET CHECK2	***PASS
TEST 3069	TGFC (2)	TESTER BUS RESET CHECK3	***PASS
TEST 3070	TGFC (2)	PIN DEFINE TABLE CHECK2	***PASS
TEST 3101	TGFC (3)	FT PIN / ILV / EDGE DECODE CHECK	***PASS
TEST 3102	TGFC (3)	FT REGSEL / DSEL DECODE CHECK	***PASS
TEST 3103	TGFC (3)	FT BUS DATA LINE SHORT OR OPEN CHECK	***PASS
TEST 3104	TGFC (3)	FT ONLINE MEMORY R/W CHECK	***PASS
TEST 3105	TGFC (3)	FT PIN DEFINE TABLE (FC) CHECK	***PASS
TEST 3106	TGFC (3)	FT INITIAL RESET CHECK	***PASS
TEST 3107	TGFC (3)	FT PINDATA RESET CHECK	***PASS
TEST 3108	TGFC (3)	FT GENERAL RESET CHECK	***PASS
TEST 3109	TGFC (3)	FT MATCH STRB R/W CHECK	***PASS
TEST 3151	TGFC (4)	REG R/W PIN CLOCK WIDE RANGE OFFSET CHECK	***PASS
TEST 3152	TGFC (4)	REG R/W PIN CLOCK ONLINE MEMORY CHECK1	***PASS
TEST 3153	TGFC (4)	REG R/W PIN CLOCK ONLINE MEMORY CHECK2	***PASS
TEST 3154	TGFC (4)	REG R/W PIN CLOCK ONLINE MEMORY CHECK3	***PASS
TEST 3155	TGFC (4)	REG R/W PIN CLOCK ONLINE MEMORY CHECK4	***PASS
TEST 3201	TGFC (5)	REG R/W STD PRE-VD SKEW ADJ. CHECK	***PASS
TEST 3202	TGFC (5)	REG R/W STD CHILD-VD SKEW ADJ. CHECK	***PASS
TEST 3203	TGFC (5)	REG R/W STD CHILD-VD DR PATTERN DIAG	***PASS
TEST 3204	TGFC (5)	REG R/W STD CHILD-VD CAL LOOP ENABLE CHECK	***PASS
TEST 3205	TGFC (5)	REG R/W STD CHILD-VD RLOOP CONTROL CHECK	***PASS
TEST 3206	TGFC (5)	REG R/W STD CHILD-VD PULSER CONTROL CHECK	***PASS
TEST 3207	TGFC (5)	REG R/W STD CHILD-VD LINE DISABLE CHECK	***PASS
TEST 3208	TGFC (5)	REG R/W STD CHILD-VD HEATER ADJUST CHECK	***PASS
TEST 3209	TGFC (5)	REG R/W STD CHILD-VD 2ND OR CHECK	***PASS
TEST 3210	TGFC (5)	REG R/W STD CHILD-VD PULSE WIDTH ADJUST CHECK(L)	***PASS
TEST 3211	TGFC (5)	REG R/W STD CHILD-VD PULSE WIDTH ADJUST CHECK(P)	***PASS
TEST 3212	TGFC (5)	STD TIMING OFFSET ADJUST CHECK	***PASS
TEST 3301	TGFC (11)	PDS X0-X15 SEL CHECK	***PASS
TEST 3302	TGFC (11)	PDS Y0-Y15 SEL CHECK	***PASS
TEST 3303	TGFC (11)	PDS R/W/M1/M2 SEL CHECK	***PASS
TEST 3304	TGFC (11)	PDS C0-C15 SEL CHECK	***PASS
TEST 3305	TGFC (11)	PDS DA0-DA17 SEL CHECK	***PASS
TEST 3306	TGFC (11)	PDS DB0-DB17 SEL CHECK	***PASS
TEST 3309	TGFC (12)	PDS REG MUXB/D SEL CHECK	***PASS
TEST 3310	TGFC (12)	PDS REG MUXA/B/C/D INV CHECK	***PASS
TEST 3311	TGFC (12)	PDS RINV SEL CHECK	***PASS

TEST 3314	TGFC (13)	PDS ARI0-ARI17 SEL CHECK	***PASS
TEST 3315	TGFC (13)	PDS DCF1-2 & DS0-3 SEL CHECK	***PASS
TEST 3316	TGFC (13)	PDS MODE SEL CHECK	***PASS
TEST 3345	TGFC (19)	TGFC PATA/PATB INPUT CHECK	***PASS
TEST 3346	TGFC (19)	TGFC DRE1/DRE2 INPUT CHECK	***PASS
TEST 3367	TGFC (24)	TGFC PPAT INPUT CHECK	***PASS
TEST 3368	TGFC (24)	TGFC PDRE INPUT CHECK	***PASS
TEST 3381	TGFC (27)	CHILD-VD SET/RESET THROUGH CHECK	***PASS
TEST 3382	TGFC (27)	DRIVER(SET/RESET) RESET INHIBIT CHECK	***PASS
TEST 3383	TGFC (27)	RESET DRIVER(SET/RESET) CHECK	***PASS
TEST 3384	TGFC (27)	CHILD-VD DREL/T THROUGH CHECK	***PASS
TEST 3385	TGFC (27)	DRIVER(DREL/T) RESET INHIBIT CHECK	***PASS
TEST 3386	TGFC (27)	RESET DRIVER(DREL/T) CHECK	***PASS
TEST 3387	TGFC (27)	CHILD-VD SET/RESET CAL LOOP ENABLE CHECK	***PASS
TEST 3388	TGFC (27)	CHILD-VD DREL/T CAL LOOP ENABLE CHECK	***PASS
TEST 3401	TGFC (41)	FT INPUT DATA (TS/RATE/LSUB/LAST) TIMING CHECK	***PASS
TEST 3406	TGFC (42)	FT 8NS RESOLUTION SHIFT DELAY CHECK	***PASS
TEST 3407	TGFC (42)	FT 4NS RESOLUTION SUBCLOCK SELECT CHECK	***PASS
TEST 3408	TGFC (42)	FT DELAY COUNTER CHECK	***PASS
TEST 3409	TGFC (42)	FT RATE/CLOCK COMBINATION CHECK	***PASS
TEST 3411	TGFC (43)	FT HIGH RESOLUTION INTERLEAVE CHECK	***PASS
TEST 3412	TGFC (43)	FT WIDE RANGE OFFSET DATA CONTROL CHECK	***PASS
TEST 3413	TGFC (43)	FT FINE DELAY BIT DELAY CHECK	***PASS
TEST 3414	TGFC (43)	FT EXTERNAL (TO TG UNIT) LOOP MUX CHECK	***PASS
TEST 3416	TGFC (44)	FT WIDE RANGE MODE CHECK	***PASS
TEST 3421	TGFC (45)	FT LSUB FUNCTION (RATE=8.125NS) CHECK	***PASS
TEST 3422	TGFC (45)	FT LSUB FUNCTION (RATE=12NS) CHECK	***PASS
TEST 3426	TGFC (46)	FT 4*RATE FUNCTION CHECK	***PASS
TEST 3431	TGFC (47)	FT HEAT LINE FUNCTION CHECK	***PASS
TEST 3436	TGFC (48)	FT DIAG COUNTER FUNCTION CHECK	***PASS
TEST 3441	TGFC (49)	FT COMBINATION CHECK	***PASS
TEST 3442	TGFC (49)	FT HOLD CONTINUE CHECK (TG)	***PASS
TEST 3443	TGFC (49)	FT HOLD CONTINUE CHECK (FC)	***PASS
TEST 3451	TGFC (50)	FT INPUT DATA (PAT) SELECT CONTROL CHECK	***PASS
TEST 3452	TGFC (50)	FT INPUT DATA (DRE) SELECT CONTROL CHECK	***PASS
TEST 3453	TGFC (50)	FT INPUT DATA (EXP) SELECT CONTROL CHECK	***PASS
TEST 3454	TGFC (50)	FT (PATA,DRE) CYCLE SHIFT DELAY CHECK	***PASS
TEST 3455	TGFC (50)	FT (EXP) CYCLE SHIFT DELAY CHECK	***PASS
TEST 3461	TGFC (51)	FT 1WAY WAVEFORM (SET/RESET) FUNCTION CHECK	***PASS
TEST 3462	TGFC (51)	FT 1WAY WAVEFORM (DRE) FUNCTION CHECK	***PASS
TEST 3463	TGFC (51)	FT 1WAY (STRB) FUNCTION CHECK	***PASS
TEST 3464	TGFC (51)	FT 2WAY WAVEFORM (SET/RESET) FUNCTION CHECK	***PASS
TEST 3465	TGFC (51)	FT SET RESET PATH CHECK	***PASS
TEST 3466	TGFC (51)	FT BANK ENABLE CONTROL CHECK	***PASS
TEST 3601	SC (1)	REG R/W COMPATIBLE VERSION SC CHECK	***PASS
TEST 3602	SC (1)	REG R/W HI-Z DETECT CHECK	***PASS
TEST 3603	SC (1)	REG R/W PIN DEFINE TABLE SEL(SC) CHECK	***PASS
TEST 3604	SC (1)	REG R/W INTERLEAVE MODE(SC) CHECK	***PASS
TEST 3605	SC (1)	REG R/W CHILD SELECT(SC) CHECK	***PASS
TEST 3606	SC (1)	REG R/W ALL DEVICE SELECT CHECK	***PASS
TEST 3608	SC (1)	REG R/W FM INPUT ENABLE CHECK	***PASS
TEST 3609	SC (1)	REG R/W CP MASK CHECK	***PASS
TEST 3610	SC (1)	REG R/W DC MASK CHECK	***PASS
TEST 3611	SC (1)	REG R/W DC PIN DATA CHECK	***PASS
TEST 3612	SC (1)	REG R/W CPE/ARI DELAY CHECK	***PASS
TEST 3613	SC (1)	REG R/W DIAG MODE CHECK	***PASS
TEST 3614	SC (1)	REG R/W PIN DEFINE TABLE(SC) CHECK	***PASS

TEST 3615 SC	(1)	REG R/W CHILD STRB SKEW ADJ CHECK	***PASS
TEST 3616 SC	(1)	REG R/W PRE STRB SKEW ADJ CHECK	***PASS
TEST 3617 SC	(1)	REG R/W SC PULSE WIDTH ADJ CHECK 1	***PASS
TEST 3618 SC	(1)	REG R/W SC CAL LOOP ENABLE CHECK 1	***PASS
TEST 3619 SC	(1)	REG R/W SC CAL LOOP ENABLE CHECK 2	***PASS
TEST 3620 SC	(1)	REG R/W SC PULSER CONTROL CHECK	***PASS
TEST 3621 SC	(1)	REG R/W SC HEATER OFF TIME ADJ CHECK	***PASS
TEST 3622 SC	(1)	PIN DATA RESET CHECK 1	***PASS
TEST 3623 SC	(1)	TESTER BUS RESET CHECK 1	***PASS
TEST 3624 SC	(1)	REG R/W FMR11-18 CHECK	***PASS
TEST 3625 SC	(1)	REG R/W FMR21-28 CHECK	***PASS
TEST 3626 SC	(1)	FM RESET CHECK	***PASS
TEST 3627 SC	(1)	REG R/W DC MASK OR WRITE CHECK	***PASS
TEST 3628 SC	(1)	REG R/W PIN DEFINE 2/4/8 PIN MODE CHECK	***PASS
TEST 3629 SC	(1)	REG R/W SC PULSE WIDTH ADJ CHECK 2	***PASS
TEST 3630 SC	(1)	REG R/W SC RLOOP ENABLE CHECK 1	***PASS
TEST 3631 SC	(1)	REG R/W SC HEATER COUNT ADJ CHECK	***PASS
TEST 3632 SC	(1)	REG R/W SC VD LINE DISABLE CHECK	***PASS
TEST 3633 SC	(1)	REG R/W SC RLOOP ENABLE CHECK 2	***PASS
TEST 3634 SC	(1)	REG R/W SC CAL LOOP PULSE WIDTH ADJ CHECK	***PASS
TEST 3635 SC	(1)	PIN DATA RESET CHECK 2	***PASS
TEST 3636 SC	(1)	TESTER BUS RESET CHECK 2	***PASS
TEST 3637 SC	(1)	PARA R/W CHECK FOR T5581P/71P	***PASS
TEST 3641 SC	(2)	CPE PRE_CHECK(SC DIST)	***PASS
TEST 3642 SC	(2)	DIAG MODE CHECK	***PASS
TEST 3643 SC	(2)	CPE PRE_CHECK	***PASS
TEST 3644 SC	(2)	EXP PRE_CHECK	***PASS
TEST 3645 SC	(2)	ARI PRE_CHECK	***PASS
TEST 3646 SC	(2)	STRB ENABLE CHECK	***PASS
TEST 3647 SC	(2)	CPE FUNCTION CHECK	***PASS
TEST 3648 SC	(2)	EXP FUNCTION CHECK 1	***PASS
TEST 3649 SC	(2)	EXP FUNCTION CHECK 2(EXPMUX)	***PASS
TEST 3650 SC	(2)	ARI FUNCTION CHECK	***PASS
TEST 3661 SC	(3)	MASK DATA SET CHECK 1(DC MASK)	***PASS
TEST 3662 SC	(3)	MASK DATA SET CHECK 2(CP MASK)	***PASS
TEST 3663 SC	(3)	MASK DATA SET CHECK 3(STATION SELECT)	***PASS
TEST 3664 SC	(3)	STRB 2CYCLE DELAY CHECK	***PASS
TEST 3665 SC	(3)	CPE CYCLE SHIFT CHECK	***PASS
TEST 3666 SC	(3)	ARI CYCLE SHIFT CHECK	***PASS
TEST 3667 SC	(3)	WINDOW STRB MODE CHECK	***PASS
TEST 3668 SC	(3)	HI-Z SENSE CHECK 1	***PASS
TEST 3669 SC	(3)	HI-Z SENSE CHECK 2	***PASS
TEST 3670 SC	(3)	HI-Z SENSE CHECK 3	***PASS
TEST 3671 SC	(3)	HI-Z SENSE CHECK 4	***PASS
TEST 3681 SC	(4)	FLAG PRE_CHECK(SC DIST)	***PASS
TEST 3682 SC	(4)	MATCH MODE CHECK 1	***PASS
TEST 3683 SC	(4)	MATCH MODE CHECK 2(SC DIST)	***PASS
TEST 3684 SC	(4)	TOTAL FAIL CHECK 1	***PASS
TEST 3685 SC	(4)	TOTAL FAIL CHECK 2(SC DIST)	***PASS
TEST 3686 SC	(4)	ALL DEVICE FAIL CHECK 1	***PASS
TEST 3687 SC	(4)	ALL DEVICE FAIL CHECK 2	***PASS
TEST 3688 SC	(4)	ALL DEVICE FAIL CHECK 3	***PASS
TEST 3689 SC	(4)	ALL DEVICE FAIL CHECK 4	***PASS
TEST 3690 SC	(4)	ALL DEVICE FAIL CHECK 5	***PASS
TEST 3691 SC	(4)	FAIL DATA RESET CHECK	***PASS
TEST 3701 SC	(5)	FAIL OUT CONTROL(FMR1) CHECK 1	***PASS
TEST 3702 SC	(5)	FAIL OUT CONTROL(FMR1) CHECK 2	***PASS

TEST 3703 SC	(5) FAIL OUT CONTROL(FMR2) CHECK	***PASS
TEST 3704 SC	(5) FM INPUT ENABLE CHECK	***PASS
TEST 3705 SC	(5) FM OR FAIL CHECK 1	***PASS
TEST 3706 SC	(5) FM OR FAIL CHECK 2(SC DIST)	***PASS
TEST 3707 SC	(5) FAIL COUNTER COUNT/RESET CHECK	***PASS
TEST 3708 SC	(5) SC CAL LOOP CHECK	***PASS
TEST 3721 SC	(6) PIN CPE PRE_CHECK(PCPE)	***PASS
TEST 3722 SC	(6) PIN CPE CHECK 1(PIN CPE MODE)	***PASS
TEST 3723 SC	(6) PIN CPE CHECK 2(CHANGE CPE MODE)	***PASS
TEST 3724 SC	(6) PIN CPE CHECK 3(AND CPE MODE)	***PASS
TEST 4010 FM	(1) MEMORY SENSE CHECK	***PASS
TEST 4011 FM	(1) REGISTER READ/WRITE & RESET CHECK	***PASS
TEST 4012 FM	(1) FM ADDRESS SEL. REG. R/W & RESET CHECK	***PASS
TEST 4013 FM	(1) ACNVT FORMAT REG. R/W & RESET CHECK	***PASS
TEST 4014 FM	(1) DCNVT FORMAT REG. R/W & RESET CHECK	***PASS
TEST 4015 FM	(1) ADDRESS POINTER R/W CHECK	***PASS
TEST 4016 FM	(1) ADSEL-AP COUNTER CHECK	***PASS
TEST 4017 FM	(1) ADSEL-AP CARRY CHECK	***PASS
TEST 4018 FM	(1) RDBM-AP COUNTER CHECK	***PASS
TEST 4019 FM	(1) RDBM-AP CARRY CHECK	***PASS
TEST 4020 FM	(2) FM ADDRESS POINTER R/W CHECK	***PASS
TEST 4021 FM	(2) FM ADDRESS POINTER COUNT CHECK 1	***PASS
TEST 4022 FM	(2) FM ADDRESS POINTER COUNT CHECK 2	***PASS
TEST 4023 FM	(2) FM ADDRESS POINTER LINK MODE CHECK	***PASS
TEST 4024 FM	(2) ADDRESS CONVERT MEMORY R/W CHECK	***PASS
TEST 4025 FM	(2) DATA CONVERT MEMORY R/W CHECK	***PASS
TEST 4026 FM	(2) CONVERT MEMORY SEL REG. CHECK	***PASS
TEST 4027 FM	(2) READ DATA BUFFER MEMORY R/W CHECK	***PASS
TEST 4028 FM	(2) AFM ADDRESS SEL. REG. R/W CHECK	***PASS
TEST 4029 FM	(2) CFM ADDRESS SEL. REG. R/W CHECK	***PASS
TEST 4030 FM	(3) AFM REGISTER READ/WRITE & RESET CHECK 1	***PASS
TEST 4031 FM	(3) AFM REGISTER READ/WRITE & RESET CHECK 2	***PASS
TEST 4032 FM	(3) AFM REGISTER READ/WRITE & RESET CHECK 3	***PASS
TEST 4033 FM	(3) AFM REGISTER READ/WRITE & RESET CHECK 4	***PASS
TEST 4034 FM	(3) AFM ADDRESS SEL. REG R/W & RESET CHECK 1	***PASS
TEST 4035 FM	(3) AFM ADDRESS SEL. REG R/W & RESET CHECK 2	***PASS
TEST 4036 FM	(3) CFM ADDRESS SEL. REG R/W & RESET CHECK 1	***PASS
TEST 4037 FM	(3) CFM ADDRESS SEL. REG R/W & RESET CHECK 2	***PASS
TEST 4038 FM	(3) FAIL SELECT REG. R/W & RESET CHECK 1	***PASS
TEST 4039 FM	(3) FAIL SELECT REG. R/W & RESET CHECK 2	***PASS
TEST 4040 FM	(4) AFM READ/WRITE CHECK 1 (LS,X18)	***PASS
TEST 4041 FM	(4) AFM READ/WRITE CHECK 2 (LS,X18)	***PASS
TEST 4042 FM	(4) AFM READ/WRITE CHECK 3 (MS,X18)	***PASS
TEST 4043 FM	(4) AFM READ/WRITE CHECK 4 (MS,X18)	***PASS
TEST 4044 FM	(4) AFM READ/WRITE CHECK 5 (HS,X18)	***PASS
TEST 4045 FM	(4) AFM READ/WRITE CHECK 6 (HS,X18)	***PASS
TEST 4046 FM	(4) AFM WRITE ENABLE BIT CHECK 1 (PARA 1)	***PASS
TEST 4047 FM	(4) AFM WRITE ENABLE BIT CHECK 2 (PARA 2)	***PASS
TEST 4048 FM	(4) AFM WRITE ENABLE BIT CHECK 3 (SINGLE 1)	***PASS
TEST 4049 FM	(4) AFM WRITE ENABLE BIT CHECK 4 (SINGLE 2)	***PASS
TEST 4050 FM	(5) AFM READ/WRITE CHECK 7	***PASS
TEST 4051 FM	(5) AFM READ/WRITE CHECK 8	***PASS
TEST 4052 FM	(5) AFM READ/WRITE CHECK 9	***PASS
TEST 4053 FM	(5) AFM READ/WRITE CHECK 10	***PASS
TEST 4054 FM	(5) AFM HIGH-SPEED WRITE CHECK 1 (1 BIT)	***PASS
TEST 4055 FM	(5) AFM HIGH-SPEED WRITE CHECK 2 (4 BIT)	***PASS
TEST 4056 FM	(5) AFM HIGH-SPEED WRITE CHECK 3 (8 BIT)	***PASS

TEST 4057 FM	(5)	AFM HIGH-SPEED READ CHECK 1 (1 BIT)	***PASS
TEST 4058 FM	(5)	AFM HIGH-SPEED READ CHECK 2 (4 BIT)	***PASS
TEST 4059 FM	(5)	AFM HIGH-SPEED READ CHECK 3 (8 BIT)	***PASS
TEST 4060 FM	(6)	FMCONT READ FORMATTER CHECK 1 (NORMAL)	***PASS
TEST 4061 FM	(6)	FMCONT READ FORMATTER CHECK 2 (DUT-N)	***PASS
TEST 4062 FM	(6)	FMCONT READ FORMATTER CHECK 3 (ORDATA)	***PASS
TEST 4063 FM	(6)	FMCONT READ FORMATTER CHECK 4 (BIT-N)	***PASS
TEST 4064 FM	(6)	FMCONT READ FORMATTER CHECK 5 (APOINT-OR1)	***PASS
TEST 4065 FM	(6)	FMCONT READ FORMATTER CHECK 6 (APOINT-OR2)	***PASS
TEST 4066 FM	(6)	AFM HIGH-SPEED READ CHECK 4	***PASS
TEST 4067 FM	(6)	AFM R/W MEMORY SEL2 CONVERSION CHECK	***PASS
TEST 4068 FM	(6)	AFM FAILURE COUNT1(FOR MRA) CHECK 1	***PASS
TEST 4069 FM	(6)	AFM FAILURE COUNT1(FOR MRA) CHECK 2	***PASS
TEST 4070 FM	(7)	AFM CLEAR MEMORY FUNCTION CHECK (ALL)	***PASS
TEST 4071 FM	(7)	AFM CLEAR MEMORY FUNCTION CHECK (MODE)	***PASS
TEST 4072 FM	(7)	AFM PRESET MEMORY FUNCTION CHECK	***PASS
TEST 4073 FM	(7)	AFM RESET MEMORY FUNCTION CHECK	***PASS
TEST 4074 FM	(7)	AFM FIX MEMORY FUNCTION CHECK 1 (HS)	***PASS
TEST 4075 FM	(7)	AFM FIX MEMORY FUNCTION CHECK 2 (MS)	***PASS
TEST 4076 FM	(7)	AFM REMOVE MEMORY FUNCTION CHECK	***PASS
TEST 4077 FM	(7)	AFM FAILURE ADDRESS SEARCH CHECK	***PASS
TEST 4078 FM	(7)	AFM FAILURE COUNT CHECK 1	***PASS
TEST 4079 FM	(7)	AFM FAILURE COUNT CHECK 2	***PASS
TEST 4080 FM	(8)	AFM FAILURE COUNT CHECK 3	***PASS
TEST 4081 FM	(8)	AFM FAILURE COUNT CHECK 4	***PASS
TEST 4082 FM	(8)	AFM FIX2 MEMORY FUNCTION CHECK	***PASS
TEST 4083 FM	(8)	AFM MEMORY DIAG FUNCTION PRECHECK 1	***PASS
TEST 4084 FM	(8)	AFM MEMORY DIAG FUNCTION PRECHECK 2	***PASS
TEST 4085 FM	(8)	AFM MEMORY DIAGNOSIS	***PASS
TEST 4086 FM	(8)	CFM READ/WRITE CHECK 1	***PASS
TEST 4087 FM	(8)	CFM READ/WRITE CHECK 2	***PASS
TEST 4088 FM	(8)	CFM READ/WRITE CHECK 3	***PASS
TEST 4089 FM	(8)	CFM READ/WRITE CHECK 4	***PASS
TEST 4090 FM	(9)	AFM READ BLOCK SELECT CHECK (MODE-1)	***PASS
TEST 4091 FM	(9)	AFM READ BLOCK SELECT CHECK (MODE-2)	***PASS
TEST 4092 FM	(9)	AFM READ BLOCK SELECT CHECK (PIN)	***PASS
TEST 4093 FM	(9)	AFM WRITE BLOCK SELECT CHECK (MODE-1)	***PASS
TEST 4094 FM	(9)	AFM WRITE BLOCK SELECT CHECK (MODE-2)	***PASS
TEST 4095 FM	(9)	AFM WRITE BLOCK SELECT CHECK (PIN-1)	***PASS
TEST 4096 FM	(9)	AFM WRITE BLOCK SELECT CHECK (PIN-2)	***PASS
TEST 4097 FM	(9)	CFM CLEAR MEMORY FUNCTION CHECK (ALL)	***PASS
TEST 4098 FM	(9)	CFM CLEAR MEMORY FUNCTION CHECK (MODE)	***PASS
TEST 4099 FM	(9)	CFM CLEAR MEMORY FUNCTION CHECK (CFM ALL)	***PASS
TEST 4100 FM	(10)	AFM ADDRESS PRECHECK 1 (INPUT)	***PASS
TEST 4101 FM	(10)	AFM ADDRESS PRECHECK 2 (MASK)	***PASS
TEST 4102 FM	(10)	AFM ADDRESS PRECHECK 3 (FT)	***PASS
TEST 4103 FM	(10)	AFM ADDRESS DELAY CHECK 1 (MASK)	***PASS
TEST 4104 FM	(10)	AFM ADDRESS DELAY CHECK 2 (FT)	***PASS
TEST 4105 FM	(10)	AFM ADDRESS INTERLEAVE CHECK 1 (MASK)	***PASS
TEST 4106 FM	(10)	AFM ADDRESS INTERLEAVE CHECK 2 (FT)	***PASS
TEST 4107 FM	(10)	AFM ADDRESS SELECTOR CHECK	***PASS
TEST 4108 FM	(10)	AFM ADDRESS PRECHECK 4 (INPUT/2WAY)	***PASS
TEST 4110 FM	(11)	AFM MEMORY BANK SELECT CHECK 1 (HS)	***PASS
TEST 4111 FM	(11)	AFM MEMORY BANK SELECT CHECK 2 (MS)	***PASS
TEST 4112 FM	(11)	AFM MEMORY BANK SELECT CHECK 3 (LS)	***PASS
TEST 4113 FM	(11)	AFM MEMORY BLOCK SELECT CHECK 1 (HS,X9)	***PASS
TEST 4114 FM	(11)	AFM MEMORY BLOCK SELECT CHECK 2 (HS,X4)	***PASS

TEST 4115 FM	(11)	AFM MEMORY BLOCK SELECT CHECK 3	(HS, X2)	***PASS
TEST 4116 FM	(11)	AFM MEMORY BLOCK SELECT CHECK 4	(HS, X1)	***PASS
TEST 4117 FM	(11)	AFM MEMORY BLOCK SELECT CHECK 5	(MS, X9)	***PASS
TEST 4118 FM	(11)	AFM MEMORY BLOCK SELECT CHECK 6	(MS, X4)	***PASS
TEST 4120 FM	(12)	AFM MEMORY BLOCK SELECT CHECK 7	(MS, X2)	***PASS
TEST 4121 FM	(12)	AFM MEMORY BLOCK SELECT CHECK 8	(MS, X1)	***PASS
TEST 4122 FM	(12)	AFM MEMORY BLOCK SELECT CHECK 9	(LS, X9)	***PASS
TEST 4123 FM	(12)	AFM MEMORY BLOCK SELECT CHECK 10	(LS, X4)	***PASS
TEST 4124 FM	(12)	AFM MEMORY BLOCK SELECT CHECK 11	(LS, X2)	***PASS
TEST 4125 FM	(12)	AFM MEMORY BLOCK SELECT CHECK 12	(LS, X1)	***PASS
TEST 4126 FM	(12)	AFM BOARD ADDRESS LINK CHECK 1	(HS)	***PASS
TEST 4127 FM	(12)	AFM BOARD ADDRESS LINK CHECK 2	(MS)	***PASS
TEST 4128 FM	(12)	AFM BOARD ADDRESS LINK CHECK 3	(LS)	***PASS
TEST 4130 FM	(13)	AFM MASK DATA FORMATTER CHECK 1		***PASS
TEST 4131 FM	(13)	AFM MASK DATA FORMATTER CHECK 2		***PASS
TEST 4132 FM	(13)	AFM MASK DATA FORMATTER CHECK 3		***PASS
TEST 4133 FM	(13)	AFM MASK DATA FORMATTER CHECK 4		***PASS
TEST 4134 FM	(13)	AFM MASK DATA FORMATTER CHECK 5		***PASS
TEST 4135 FM	(13)	AFM MASK DATA FORMATTER CHECK 6		***PASS
TEST 4136 FM	(13)	AFM MASK DATA FORMATTER CHECK 7		***PASS
TEST 4137 FM	(13)	AFM MASK DATA FORMATTER CHECK 8		***PASS
TEST 4140 FM	(14)	AFM FAIL STORE FUNCTION CHECK 1	(HS)	***PASS
TEST 4141 FM	(14)	AFM FAIL STORE FUNCTION CHECK 2	(MS)	***PASS
TEST 4142 FM	(14)	AFM FAIL STORE FUNCTION CHECK 3	(LS)	***PASS
TEST 4143 FM	(14)	AFM FAIL STORE FUNCTION CHECK 4	(SINGLE, X1)	***PASS
TEST 4144 FM	(14)	AFM FAIL STORE FUNCTION CHECK 5	(SINGLE, X4)	***PASS
TEST 4145 FM	(14)	AFM FAIL STORE FUNCTION CHECK 6	(SINGLE, X9)	***PASS
TEST 4146 FM	(14)	AFM FAIL STORE FUNCTION CHECK 7	(SINGLE, X18)	***PASS
TEST 4147 FM	(14)	AFM FAIL STORE FUNCTION CHECK 8		***PASS
TEST 4148 FM	(14)	AFM FAIL STORE FUNCTION CHECK 9		***PASS
TEST 4150 FM	(15)	AFM FAIL STORE FUNCTION CHECK 10	(PARA, X2)	***PASS
TEST 4151 FM	(15)	AFM FAIL STORE FUNCTION CHECK 11	(PARA, X4, HS)	***PASS
TEST 4152 FM	(15)	AFM FAIL STORE FUNCTION CHECK 12	(PARA, X9, HS)	***PASS
TEST 4153 FM	(15)	AFM FAIL STORE FUNCTION CHECK 13	(PARA, X18, HS)	***PASS
TEST 4154 FM	(15)	AFM FAIL COMPRESS FUNCTION CHECK 1		***PASS
TEST 4155 FM	(15)	AFM FAIL COMPRESS FUNCTION CHECK 2		***PASS
TEST 4160 FM	(16)	AFM FAIL STORE FUNCTION CHECK 14	(FZ)	***PASS
TEST 4161 FM	(16)	AFM FAIL STORE FUNCTION CHECK 15	(FO)	***PASS
TEST 4162 FM	(16)	AFM FAIL STORE FUNCTION CHECK 16	(AF)	***PASS
TEST 4163 FM	(16)	AFM FAIL STORE FUNCTION CHECK 17	(BF)	***PASS
TEST 4164 FM	(16)	CFM FAIL STORE FUNCTION CHECK 1	(FT)	***PASS
TEST 4165 FM	(16)	CFM FAIL STORE FUNCTION CHECK 2	(FZ)	***PASS
TEST 4166 FM	(16)	CFM FAIL STORE FUNCTION CHECK 3	(FO)	***PASS
TEST 4167 FM	(16)	CFM FAIL STORE FUNCTION CHECK 4	(AF)	***PASS
TEST 4168 FM	(16)	CFM FAIL STORE FUNCTION CHECK 5	(BF)	***PASS
TEST 4170 FM	(17)	DFM ADDRESS POINTER CHECK 1		***PASS
TEST 4171 FM	(17)	DFM ADDRESS POINTER CHECK 2		***PASS
TEST 4172 FM	(17)	DFM FAIL DATA STORE CHECK 1		***PASS
TEST 4173 FM	(17)	DFM FAIL DATA STORE CHECK 2		***PASS
TEST 4174 FM	(17)	DFM FAIL DATA STORE CHECK 3		***PASS
TEST 4175 FM	(17)	DFM FAIL DATA STORE CHECK 4		***PASS
TEST 4180 FM	(18)	ADDRSS CONVERT FORMAT CHECK		***PASS
TEST 4181 FM	(18)	X, Y CONVERSION CHECK		***PASS
TEST 4182 FM	(18)	DATA CONVERT FORMAT CHECK		***PASS
TEST 4183 FM	(18)	DATA CONVERSION CHECK		***PASS
TEST 4184 FM	(18)	ALPG SCAN MODE CHECK 1	(NORMAL FUNCTION)	***PASS
TEST 4185 FM	(18)	ALPG SCAN MODE CHECK 2	(NORMAL BIT)	***PASS

TEST 4186 FM	(18)	ALPG SCAN MODE CHECK 3 (EXPAND FUNCTION)	***PASS
TEST 4187 FM	(18)	ALPG SCAN MODE CHECK 4 (EXPAND BIT)	***PASS
TEST 4188 FM	(18)	ALPG SCAN MODE CHECK 5 (DATA CONVERT-1)	***PASS
TEST 4190 FM	(19)	CONTROL RAM R/W CHECK 1	***PASS
TEST 4191 FM	(19)	CONTROL RAM R/W CHECK 2	***PASS
TEST 4192 FM	(19)	INITIAL PROGRAM LOADER CHECK	***PASS
TEST 4193 FM	(19)	FM CONTROL REG. RESET CHECK	***PASS
TEST 4250 FM	(25)	MASK FUNCTION CHECK 1 (PIN33/97,STN1)	***PASS
TEST 4251 FM	(25)	MASK FUNCTION CHECK 2 (PIN161/225,STN1)	***PASS
TEST 4252 FM	(25)	MASK FUNCTION CHECK 3 (PIN33/97,STN1)	***PASS
TEST 4253 FM	(25)	MASK FUNCTION CHECK 4 (PIN161/225,STN1)	***PASS
TEST 4260 FM	(26)	MASK LINK FUNCTION CHECK 1	***PASS
TEST 4261 FM	(26)	MASK LINK FUNCTION CHECK 2	***PASS
TEST 4280 FM	(28)	ALPG SCAN MODE CHECK 7	***PASS
TEST 4281 FM	(28)	ADDRESS DELAY FUNCTION CHECK	***PASS
TEST 4600 DBM	(1)	DBM-AP PRE-CHECK	***PASS
TEST 4601 DBM	(1)	DBM MEMORY SELECT CHECK	***PASS
TEST 4602 DBM	(1)	DBM-PPAT R/W CHECK	***PASS
TEST 4603 DBM	(1)	DBM-PDRE R/W CHECK	***PASS
TEST 4604 DBM	(1)	DBM-PCPE R/W CHECK	***PASS
TEST 4605 DBM	(1)	DBM-AP FUNCTION CHECK	***PASS
TEST 4606 DBM	(1)	DBM-PPAT DATA OUTPUT CHECK	***PASS
TEST 4607 DBM	(1)	DBM-PDRE DATA OUTPUT CHECK	***PASS
TEST 4608 DBM	(1)	DBM-PCPE DATA OUTPUT CHECK	***PASS
TEST 4710 MRA	(1)	MRA3 UNIT SENSE CHECK	***PASS
TEST 4711 MRA	(1)	MRA3 TBUS CONTROL PRE-CHECK	***PASS
TEST 4712 MRA	(1)	MRA3 I/F REGISTER R/W CHECK	***PASS
TEST 4713 MRA	(1)	MRA3 FBM-AP R/W CHECK	***PASS
TEST 4714 MRA	(1)	MRA3 FBM-AP FUNCTION CHECK 1	***PASS
TEST 4715 MRA	(1)	MRA3 FBM-AP FUNCTION CHECK 2	***PASS
TEST 4716 MRA	(1)	MRA3 FBM-AP LINK MODE CHECK	***PASS
TEST 4717 MRA	(1)	MRA3 FBM ADDRESS SELECTOR CHECK 1	***PASS
TEST 4718 MRA	(1)	MRA3 FBM ADDRESS SELECTOR CHECK 2	***PASS
TEST 4720 MRA	(2)	MRA3 FBM REGISTER R/W CHECK	***PASS
TEST 4721 MRA	(2)	MRA3 FBM ADDRESS-LINE CHECK	***PASS
TEST 4722 MRA	(2)	MRA3 FBM DATA-LINE CHECK	***PASS
TEST 4723 MRA	(2)	MRA3 FBM DATA FORMATTER CHECK 1 (X1)	***PASS
TEST 4724 MRA	(2)	MRA3 FBM DATA FORMATTER CHECK 2 (X4)	***PASS
TEST 4725 MRA	(2)	MRA3 FBM DATA FORMATTER CHECK 3 (X9)	***PASS
TEST 4726 MRA	(2)	MRA3 FBM DATA FORMATTER CHECK 4 (X18)	***PASS
TEST 4727 MRA	(2)	MRA3 FBM BLOCK SEL FUNCTION CHECK	***PASS
TEST 4730 MRA	(3)	MRA3 FBM INIT MODE CHECK	***PASS
TEST 4731 MRA	(3)	MRA3 FBM DIAG MODE CHECK	***PASS
TEST 4732 MRA	(3)	MRA3 FBM MEMORY CHECK (MARCHING)	***PASS
TEST 4733 MRA	(3)	MRA3 FAIL MUX(FBM) SELECT CHECK	***PASS
TEST 4734 MRA	(3)	MRA3 FAIL MUX(FBM) R/W CHECK	***PASS
TEST 4740 MRA	(4)	MRA3 CBU BLOCK SEL R/W CHECK	***PASS
TEST 4741 MRA	(4)	MRA3 CBU BLOCK SEL FUNCTION CHECK	***PASS
TEST 4742 MRA	(4)	MRA3 FAIL MUX(CBU) SELECT CHECK	***PASS
TEST 4743 MRA	(4)	MRA3 FAIL MUX(CBU) R/W CHECK	***PASS
TEST 4744 MRA	(4)	MRA3 TFA SEL1-2 REGISTER R/W CHECK	***PASS
TEST 4745 MRA	(4)	MRA3 CONF/MODE/LIMIT-D REGISTER R/W CHECK	***PASS
TEST 4746 MRA	(4)	MRA3 RAP/CAP R/W CHECK	***PASS
TEST 4747 MRA	(4)	MRA3 FAM/TFCM-AP R/W CHECK	***PASS
TEST 4748 MRA	(4)	MRA3 FAM/TFCM-AP COMPARATOR CHECK	***PASS
TEST 4750 MRA	(5)	MRA3 R/CADIV REGISTER R/W CHECK 1	***PASS
TEST 4751 MRA	(5)	MRA3 R/CADIV REGISTER R/W CHECK 2	***PASS

TEST 4752	MRA	(5)	MRA3 R/CADIV ADDRESS COMP CHECK 1	***PASS
TEST 4753	MRA	(5)	MRA3 R/CADIV ADDRESS COMP CHECK 2	***PASS
TEST 4754	MRA	(5)	MRA3 R/CADIV ADDRESS COMP CHECK 3	***PASS
TEST 4755	MRA	(5)	MRA3 R/CADIV ADDRESS COMP CHECK 4	***PASS
TEST 4760	MRA	(6)	MRA3 R/CFCM R/W PRE-CHECK 1 (NORMAL)	***PASS
TEST 4761	MRA	(6)	MRA3 R/CFCM R/W PRE-CHECK 2 (DIAG)	***PASS
TEST 4762	MRA	(6)	MRA3 R/CFCM R/W CHECK 1 (CBU1)	***PASS
TEST 4764	MRA	(6)	MRA3 R/CAP R/CFCM R/W INC CHECK 1	***PASS
TEST 4765	MRA	(6)	MRA3 R/CAP R/CFCM R/W INC CHECK 2	***PASS
TEST 4766	MRA	(6)	MRA3 ROW/COLUMN SELECT CHECK	***PASS
TEST 4767	MRA	(6)	MRA3 FAM R/W PRE-CHECK	***PASS
TEST 4768	MRA	(6)	MRA3 FAM R/W CHECK	***PASS
TEST 4769	MRA	(6)	MRA3 FAM-AP FAM R/W INC CHECK	***PASS
TEST 4770	MRA	(7)	MRA3 TFCM R/W PRE-CHECK	***PASS
TEST 4771	MRA	(7)	MRA3 TFCM R/W CHECK	***PASS
TEST 4772	MRA	(7)	MRA3 TFCM-AP TFCM R/W INC CHECK	***PASS
TEST 4773	MRA	(7)	MRA3 TFA/TFCM-AP SELECT CHECK	***PASS
TEST 4774	MRA	(7)	MRA3 TFA-SEL FUNCTION CHECK 1 (R/CAP)	***PASS
TEST 4775	MRA	(7)	MRA3 TFA-SEL FUNCTION CHECK 2 (R/CADIV)	***PASS
TEST 4776	MRA	(7)	MRA3 RMAX RAP BIT MASK CHECK	***PASS
TEST 4777	MRA	(7)	MRA3 CBU REGISTER SELECT CHECK	***PASS
TEST 4780	MRA	(8)	MRA3 CBU INIT MODE CHECK	***PASS
TEST 4781	MRA	(8)	MRA3 CBU DISABLE MODE CHECK	***PASS
TEST 4782	MRA	(8)	MRA3 RAP COUNTER CHECK	***PASS
TEST 4783	MRA	(8)	MRA3 CAP COUNTER CHECK	***PASS
TEST 4784	MRA	(8)	MRA3 RAP-CAP CARRY CHECK	***PASS
TEST 4785	MRA	(8)	MRA3 CBSEL BIT MODE CHECK 1 (X1)	***PASS
TEST 4786	MRA	(8)	MRA3 CBSEL BIT MODE CHECK 2 (X4)	***PASS
TEST 4787	MRA	(8)	MRA3 CBSEL BIT MODE CHECK 3 (X9)	***PASS
TEST 4790	MRA	(9)	MRA3 SCAN MODE PRE-CHECK	***PASS
TEST 4791	MRA	(9)	MRA3 SCAN FAIL MULTIPLEXER FUNCTION CHECK	***PASS
TEST 4792	MRA	(9)	MRA3 SCAN RFCM FAIL COUNT CHECK	***PASS
TEST 4793	MRA	(9)	MRA3 SCAN CFCM FAIL COUNT CHECK	***PASS
TEST 4794	MRA	(9)	MRA3 SCAN TFCM FAIL COUNT CHECK	***PASS
TEST 4795	MRA	(9)	MRA3 SCAN INTERNAL BLOCK CHECK 1	***PASS
TEST 4796	MRA	(9)	MRA3 SCAN INTERNAL BLOCK CHECK 2	***PASS
TEST 4800	MRA	(10)	MRA3 SEARCH MAG-COMPARATOR CHECK	***PASS
TEST 4801	MRA	(10)	MRA3 SEARCH ROW SIDE CHECK	***PASS
TEST 4802	MRA	(10)	MRA3 SEARCH COLUMN SIDE CHECK	***PASS
TEST 4803	MRA	(10)	MRA3 SEARCH FAM-AP OF-FLAG CHECK	***PASS
TEST 4804	MRA	(10)	MRA3 SEARCH TFCM-AP NOT-ZERO SENSE CHECK	***PASS
TEST 4805	MRA	(10)	MRA3 SEARCH FCD-LINE CHECK	***PASS
TEST 4806	MRA	(10)	MRA3 SEARCH FCD OUTPUT CONTROL CHECK	***PASS
TEST 4807	MRA	(10)	MRA3 SEARCH FCD ADDER CHECK	***PASS
TEST 4808	MRA	(10)	MRA3 SEARCH PIPE-LINE CHECK	***PASS
TEST 4810	MRA	(11)	MRA3 DSCAN ROW SIDE PRE-CHECK	***PASS
TEST 4811	MRA	(11)	MRA3 DSCAN COLUMN SIDE PRE-CHECK	***PASS
TEST 4812	MRA	(11)	MRA3 DSCAN RFCM FAIL COUNT CHECK	***PASS
TEST 4813	MRA	(11)	MRA3 DSCAN CFCM FAIL COUNT CHECK	***PASS
TEST 4814	MRA	(11)	MRA3 DSCAN TFCM FAIL COUNT CHECK	***PASS
TEST 4815	MRA	(11)	MRA3 DSCAN TFCM CROSS POINT FAIL CHECK	***PASS
TEST 4816	MRA	(11)	MRA3 DSCAN INTERNAL BLOCK CHECK	***PASS
TEST 4820	MRA	(12)	MRA3 CFM1-2-AP FUNCTION CHECK	***PASS
TEST 4821	MRA	(12)	MRA3 CFM1-2 R/W PRE-CHECK	***PASS
TEST 4822	MRA	(12)	MRA3 CFM1-2 R/W CHECK	***PASS
TEST 4823	MRA	(12)	MRA3 TBUS-SBUS CONTROL CHECK	***PASS
TEST 4824	MRA	(12)	MRA3 SBUS R/W SEQUENCE CHECK 1	***PASS

TEST 4825	MRA	(12)	MRA3 SBUS R/W SEQUENCE CHECK 2	***PASS
TEST 4826	MRA	(12)	MRA3 SBUS REGISTER WRITE CHECK	***PASS
TEST 4827	MRA	(12)	MRA3 SBUS REGISTER READ CHECK	***PASS
TEST 4828	MRA	(12)	MRA3 SBUS CFM1 R/W CHECK	***PASS
TEST 4829	MRA	(12)	MRA3 SBUS CFM2 R/W CHECK	***PASS
TEST 4830	MRA	(13)	MRA3 CFM1-CFM2 DATA-LINE CHECK	***PASS
TEST 4831	MRA	(13)	MRA3 COMMAND SEQUENCE CHECK 1	***PASS
TEST 4832	MRA	(13)	MRA3 COMMAND SEQUENCE CHECK 2	***PASS
TEST 4833	MRA	(13)	MRA3 COMMAND SEQUENCE CHECK 3	***PASS
TEST 4834	MRA	(13)	MRA3 COMMAND SEQUENCE CHECK 4	***PASS
TEST 4835	MRA	(13)	MRA3 COMMAND SEQUENCE CHECK 5	***PASS
TEST 4840	MRA	(14)	MRA3 FM-MRA3 CONFIGURATION CHECK	***PASS
TEST 4841	MRA	(14)	MRA3 FM-FBM DATA TRANSFER CHECK 1	***PASS
TEST 4842	MRA	(14)	MRA3 FM-FBM DATA TRANSFER CHECK 2	***PASS
TEST 4843	MRA	(14)	MRA3 FM-FBM DATA TRANSFER CHECK 3	***PASS
TEST 5101	TH1	(1)	VIO SENSE CHECK	***PASS
TEST 5102	TH1	(1)	VIO CHILD SEL REG R/W CHECK	***PASS
TEST 5103	TH1	(1)	VIO DA MEM ADRS LINE CHECK	***PASS
TEST 5104	TH1	(1)	VIO DA MEM R/W CHECK	***PASS
TEST 5105	TH1	(1)	VIO CAL DA MEM R/W CHECK	***PASS
TEST 5106	TH1	(1)	VIO RONROF MEM ADRS LINE CHECK	***PASS
TEST 5107	TH1	(1)	VIO RONROF MEM(PER-PIN MODE) R/W CHECK	***PASS
TEST 5108	TH1	(1)	VIO RONROF MEM(ALL-PIN MODE) R/W CHECK	***PASS
TEST 5109	TH1	(1)	VIO CAL RONROF MEM R/W CHECK	***PASS
TEST 5110	TH1	(1)	VIO GAIN MEM ADRS LINE CHECK	***PASS
TEST 5111	TH1	(1)	VIO GAIN MEM R/W CHECK	***PASS
TEST 5112	TH1	(1)	VIO CAL GAIN MEM R/W CHECK	***PASS
TEST 5113	TH1	(1)	VIO PIN DEFINE TABLE SEL R/W CHECK	***PASS
TEST 5114	TH1	(1)	VIO PIN DEFINE TABLE ADRS LINE CHECK	***PASS
TEST 5115	TH1	(1)	VIO PIN DEFINE TABLE R/W CHECK	***PASS
TEST 5116	TH1	(1)	VIO DA MEM PIN DEFINE CHECK	***PASS
TEST 5117	TH1	(1)	VIO RONROF MEM PIN DEFINE CHECK	***PASS
TEST 5118	TH1	(1)	VIO CLEAR REG R/W CHECK	***PASS
TEST 5119	TH1	(1)	VIO CLEAR MODE CHECK	***PASS
TEST 5120	TH1	(1)	VIO DA DATA SET READ CHECK	***PASS
TEST 5121	TH1	(1)	VIO CAL DA DATA SET READ CHECK	***PASS
TEST 5201	TH1	(2)	PIN DATA REGISTER R/W CHECK	***PASS
TEST 5202	TH1	(2)	DC PARALLEL SET REGISTER R/W CHECK	***PASS
TEST 5203	TH1	(2)	MASK DATA SET REGISTER R/W CHECK	***PASS
TEST 5204	TH1	(2)	CONTROL REGISTER R/W CHECK	***PASS
TEST 5205	TH1	(2)	PIN DATA PARALLEL SET CHECK	***PASS
TEST 5206	TH1	(2)	CAL CONTROL PIN NO. READ CHECK	***PASS
TEST 5207	TH1	(2)	TH STATUS READ CHECK	***PASS
TEST 5301	TH1	(3)	DR OFFSET & GAIN ADJUST CHECK	***PASS
TEST 5302	TH1	(3)	DR OUTPUT VOLTAGE & SELECT CHECK	***PASS
TEST 5303	TH1	(3)	DR OUTPUT CURRENT & IMPEDANCE CHECK	***PASS
TEST 5401	TH1	(4)	STD VT OFFSET & GAIN ADJUST CHECK	***PASS
TEST 5402	TH1	(4)	VT OFFSET & GAIN ADJUST CHECK	***PASS
TEST 5403	TH1	(4)	VT OUTPUT VOLTAGE & SELECT CHECK	***PASS
TEST 5404	TH1	(4)	VT OUTPUT CURRENT & IMPEDANCE CHECK	***PASS
TEST 5501	TH1	(5)	PL OFFSET & GAIN ADJUST CHECK	***PASS
TEST 5502	TH1	(5)	PL OUTPUT CURRENT & SELECT CHECK	***PASS
TEST 5503	TH1	(5)	PL THRESHOLD CHECK	***PASS
TEST 5601	TH1	(6)	STD CP OFFSET & GAIN ADJUST CHECK	***PASS
TEST 5602	TH1	(6)	CP OFFSET & GAIN ADJUST CHECK	***PASS
TEST 5603	TH1	(6)	CP DEAD BAND CHECK	***PASS
TEST 5605	TH1	(6)	CP REFERENCE VOLTAGE CHECK	***PASS

TEST 5606 TH1	(6)	I/O MODE LEAK CURRENT CHECK	***PASS
TEST 5607 TH1	(6)	I/O PIN CLAMP CHECK	***PASS
TEST 5608 TH1	(6)	DYNAMIC CLAMP LEVEL CHECK	***PASS
TEST 5609 TH1	(6)	DYNAMIC CLAMP CURRENT LIMIT CHECK	***PASS
TEST 5701 TH1	(7)	CAL CONTROL CHECK	***PASS
TEST 5703 TH1	(7)	2WAY SET/RESET LOOSE FUNCTION CHECK	***PASS
TEST 5705 TH1	(7)	2WAY DREL/T LOOSE FUNCTION CHECK	***PASS
TEST 5801 TH1	(8)	CLOCK SET/RESET SKEW ADJUSTER CHECK	***PASS
TEST 5802 TH1	(8)	DRIVER PRE SET/RESET SKEW ADJUSTER CHECK	***PASS
TEST 5803 TH1	(8)	DRIVER SET/RESET SKEW ADJUSTER CHECK	***PASS
TEST 5804 TH1	(8)	DRIVER TR/TF CHECK	***PASS
TEST 5901 TH1	(9)	PIN STRB SKEW ADJUSTER CHECK	***PASS
TEST 5902 TH1	(9)	PRE STRB SKEW ADJUSTER CHECK	***PASS
TEST 5903 TH1	(9)	CHILD STRB SKEW ADJUSTER CHECK	***PASS
TEST 5904 TH1	(9)	PIN DRE L/T SKEW ADJUSTER CHECK	***PASS
TEST 5905 TH1	(9)	PRE DRE L/T SKEW ADJUSTER CHECK	***PASS
TEST 5906 TH1	(9)	CHILD DRE L/T SKEW ADJUSTER CHECK	***PASS

	D/A ALL0	D/A ALL1	ADJ.WIDTH
U-LMT	-250.0PS		9.300NS
L-LMT		250.0PS	2.700NS

PIN BANK	CHLD LEAD/TRAI	D/A ALL0	D/A ALL1	ADJ.WIDTH
231 [1ST]	 [TRAILING]	-218.7PS *	6.031NS	6.250NS
	[2ND] [TRAILING]	-156.2PS *	6.094NS	6.250NS
TOTAL COUNT=3456		FAIL COUNT=	2	

TGFC	SLOT	19	BIR-021939	IS DOUBTFUL	
TEST 5908 TH1	(9)	HIGH SPEED DRE CHECK			***PASS

INITIALIZE START 2005/02/16 15:18:37

INITIALIZE PASS

INITIALIZE END 2005/02/16 15:18:42

T5581P SYSTEM DIAGNOSTICS END 2005/02/16 15:18:43 (OP.TIME=01:26:56) pass