

200907_DIAG-test_1-Stn1-S0003

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*****
**      T5503A  SYSTEM DIAGNOSTICS                      **
**      FutureSuite REVISION : 4.08H1                  **
**      DIAG      REVISION : 3.02A1                    **
**      SYSTEM ID      : A2                            **
**      SITE           : 3                             **
**      USER           : test                          **
**      CAUSE          : USERACTION(MAINT)             **
**      START AT      : 2020/09/07 10:27:36           **
**                                                       **
**      TEST MODE : MAINTENANCE & PASS PRINT          **
**      SPEC      : 100.0 %                            **
**      PIN NO.   : 1-30, 33-56, 65-94, 97-120, 129-158, 161-184, **
**                : 193-222, 225-248, 257-262, 264-269, 321-326, **
**                : 328-333, 385-390, 392-397, 449-454, 456-461 **
**      UNIT      : TP    101-199                      **
**                : PB    101-199                      **
**                : DPU   1-99, 101-199                **
**                : ALPG  1-99, 101-199                **
**                : FT    1-99, 101-199                **
**                : TH    101                          **
*****
*****
**      TH TYPE      : 8448CH                          **
**      SITE CONFIGURATION                      **
**      EXIST       : 1-4                             **
**      EXECUTE     : 1-4                             **
**      BOARD CONFIGURATION                      **
**      -----+-----+-----+----- **
**      SLOT      | SERIAL NO. | REV | NOTES **
**      -----+-----+-----+----- **
**      PE1A1     | 002999302 | BBC | PE   BOARD **
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**	PE7A1		002997992		BBC		PE		BOARD	**	
**	PE13A1		002997525		BBC		PE		BOARD	**	
**	PE65A1		002998300		BBC		PE		BOARD	**	
**	PE71A1		002966986		BAC		PE		BOARD	**	
**	PE77A1		002997985		BBC		PE		BOARD	**	
**	PE1C1		002997241		BBC		PE		BOARD	**	
**	PE7C1		002996330		BBC		PE		BOARD	**	
**	PE13C1		002996326		BBC		PE		BOARD	**	
**	PE65C1		002996793		BBC		PE		BOARD	**	
**	PE71C1		003000614		BBC		PE		BOARD	**	
**	PE77C1		002979807		BAC		PE		BOARD	**	
**	OPPEA1		003021288		ACC		PE		BOARD	**	
**	OPPEC1		003021287		ACC		PE		BOARD	**	
**	-----+-----+-----+-----									**	
**	DCPPS1		003020918		CFA					**	
**	DCPPS2		002955082		CFA					**	
**	DCPPS3		003020558		CFA					**	
**	DCPPS4		003020921		CFA					**	
**	OPPPS		003020294		CFA					**	
**	-----+-----+-----+-----									**	
**	THDIST		002999671		BCC					**	
**	-----+-----+-----+-----									**	
**	PLL		003020944		AHA					**	
**	-----+-----+-----+-----									**	
**	SYSMONI		003021042		ADA					**	
**	-----+-----+-----+-----									**	
**	2(TPU)		003021038		AHA		TBUS IF		BOARD	**	
**	-----+-----+-----+-----									**	
**	PB MOUNT CONDITION										**
**	MOTHER BOARD : 512PARA TYPE										**
**	SOCKET BOARD : DIAG BOARD										**

TEST	10000	TP	(101)	TP	TIMER	READ	MODIFY	WRITE	CHECK	***PASS
TEST	10001	TP	(101)	TP	TIMER	RESET	CHECK			***PASS
TEST	10002	TP	(101)	TP	TIMER	START	STOP	CHECK		***PASS
TEST	10003	TP	(101)	TP	TIMER	BUSY	STATUS	CHECK		***PASS

TEST	10004	TP	(101)	TP TIMER DONE STATUS CHECK	***PASS
TEST	10005	TP	(101)	TP TIMER STATUS CLEAR CHECK	***PASS
TEST	10006	TP	(101)	TP TIMER COUNT CHECK	***PASS
TEST	10007	TP	(101)	TP TIMER COUNT VALUE CHECK	***PASS
TEST	10008	TP	(101)	TP TIMER SYNC MODE CHECK	***PASS
TEST	10009	TP	(101)	TP 64BIT COUNTER RESET CHECK	***PASS
TEST	10010	TP	(101)	TP 64BIT COUNTER START STOP CHECK	***PASS
TEST	10011	TP	(101)	TP 64BIT COUNTER BUSY DONE STATUS CHECK	***PASS
TEST	10012	TP	(101)	TP 64BIT COUNTER STEP CHECK	***PASS
TEST	10013	TP	(101)	TP 64BIT COUNTER COUNT VALUE CHECK	***PASS
TEST	10014	TP	(101)	TP POSTED READ FUNCTION CHECK	***PASS
TEST	10015	TP	(101)	TP BUS ACCESS CHECK	***PASS
TEST	20000	DPU	(1)	DC/PPS W/R	***PASS
TEST	20001	DPU	(1)	DC/PPS INITIALIZE RL MEAS	***PASS
TEST	20100	DPU	(2)	DC W/R	***PASS
TEST	20102	DPU	(2)	DC INITIALIZE SUB DVM	***PASS
TEST	20103	DPU	(2)	DC INITIALIZE VS	***PASS
TEST	20104	DPU	(2)	DC INITIALIZE DIAG CP	***PASS
TEST	20105	DPU	(2)	DC INITIALIZE IM	***PASS
TEST	20107	DPU	(2)	DC INITIALIZE IS	***PASS
TEST	20200	DPU	(3)	PPS W/R	***PASS
TEST	20202	DPU	(3)	PPS INITIALIZE SUB DVM	***PASS
TEST	20203	DPU	(3)	PPS INITIALIZE VS	***PASS
TEST	20204	DPU	(3)	PPS INITIALIZE DIAG CP	***PASS
TEST	20205	DPU	(3)	PPS INITIALIZE IM	***PASS
TEST	20208	DPU	(3)	PPS INITIALIZE VM	***PASS
TEST	22000	ALPG	(1)	INIT ALPG INIT DATA SET	***PASS
TEST	22001	ALPG	(1)	INIT ALPG RCKINH VD ADJUST	***PASS
TEST	22002	ALPG	(1)	INIT ALPG SYNC SIG VD ADJUST	***PASS
TEST	23010	FT	(1)	ACTIVE NOISE CANCELLER ADJUST	***PASS
TEST	23011	FT	(1)	LOOP PULSER ADJUST	***PASS
TEST	23012	FT	(1)	LREF PULSER ADJUST	***PASS
TEST	23020	FT	(2)	ALPG-FT (PE) PAT/CPE/PERIOD DATA ADJUST	***PASS
TEST	23021	FT	(2)	ALPG-FT (THD) PAT/CPE/PERIOD DATA ADJUST	***PASS
TEST	23022	FT	(2)	FT-ALPG (PE) PG/FMORFAIL DATA ADJUST	***PASS
TEST	23030	FT	(3)	INITVD ALPG SORFL ADJUST	***PASS

TEST	23031	FT	(3)	INITVD ALPG MFMORFL ADJUST	***PASS
TEST	23040	FT	(4)	CYCLIC DLL TRIGGER PULSER PRE ADJUST	***PASS
TEST	23041	FT	(4)	CYCLIC DLL ROSC PRE ADJUST	***PASS
TEST	23042	FT	(4)	CYCLIC DLL PHASE DETECTOR PRE ADJUST	***PASS
TEST	23043	FT	(4)	CYCLIC DLL 1/4 PHASE DELAY PRE ADJUST	***PASS
TEST	23044	FT	(4)	TGVD OUTPUT PULSER PRE ADJUST	***PASS
TEST	23045	FT	(4)	TGVD FINE DELAY PRE ADJUST	***PASS
TEST	23046	FT	(4)	MULTISCAN STRB VD PRE ADJUST	***PASS
TEST	23047	FT	(4)	LH HEATER ADJUST	***PASS
TEST	23048	FT	(4)	PROCESS MONITOR	***PASS
TEST	23050	FT	(5)	HIGH RESOLUTION REGULATOR ROSC ADJUST	***PASS
TEST	23051	FT	(5)	HIGH RESOLUTION REGULATOR PLL LOCK	***PASS
TEST	23060	FT	(6)	CYCLIC DLL TRIGGER PULSER ADJUST	***PASS
TEST	23061	FT	(6)	CYCLIC DLL ROSC ADJUST	***PASS
TEST	23062	FT	(6)	CYCLIC DLL PHASE DETECTOR ADJUST	***PASS
TEST	23063	FT	(6)	CYCLIC DLL 1/4 PHASE DELAY ADJUST	***PASS
TEST	23070	FT	(7)	TGVD OUTPUT PULSER ADJUST	***PASS
TEST	23071	FT	(7)	TGVD FINE DELAY ADJUST	***PASS
TEST	23072	FT	(7)	TGVD HEATER ADJUST	***PASS
TEST	23080	FT	(8)	LREFCLK TO HREFCLK ADJUST	***PASS
TEST	23090	FT	(9)	MULTISCAN STRB VD ADJUST	***PASS
TEST	23091	FT	(9)	MULTISCAN STRB STRB1 VS STRB3 MEAS	***PASS
TEST	23201	FT	(20)	HSIF SET PICODE	***PASS
TEST	23202	FT	(20)	HSIF LINK TX TO RX	***PASS
TEST	23204	FT	(20)	HSIF LINK IL TO CORE	***PASS
TEST	23205	FT	(20)	HSIF LINK CYCLE ADJUST	***PASS
TEST	15102	PB	(102)	HGND CONNECTION CHECK	***PASS
TEST	15103	PB	(102)	VS/VB MASK CHECK	***PASS
TEST	15104	PB	(102)	PCON/PCON MASK CHECK	***PASS
TEST	15105	PB	(103)	SIGNAL PIN CONNECTION CHECK	***PASS
TEST	15106	PB	(103)	MB TERM PIN CONNECTION CHECK	***PASS
TEST	15107	PB	(104)	OUTPUT RELAY CHECK	***PASS
TEST	15108	PB	(104)	DC FORCE/SENSE LINE CHECK	***PASS
TEST	15109	PB	(104)	ESD RELAY CHECK	***PASS
TEST	15110	PB	(107)	DC LEAK CHECK	***PASS
TEST	30195	DPU	(126)	DC SUB DVM ACCURACY	***PASS

TEST	30120	DPU	(121)	DC VM ACCURACY	***PASS
TEST	30121	DPU	(121)	DC VS ACCURACY	***PASS
TEST	30122	DPU	(121)	DC IM ACCURACY	***PASS
TEST	30123	DPU	(121)	DC IC ACCURACY	***PASS
TEST	30124	DPU	(122)	DC IS ACCURACY	***PASS
TEST	30125	DPU	(122)	DC VC ACCURACY	***PASS
TEST	30126	DPU	(123)	DC DAC LINEARITY	***PASS
TEST	30143	DPU	(123)	DC IM SETTLING NO_LOAD	***PASS
TEST	30160	DPU	(124)	DC CLAMP ALARM	***PASS
TEST	30161	DPU	(124)	DC GUARD ALARM	***PASS
TEST	30163	DPU	(124)	DC DIAG CP ALARM	***PASS
TEST	30295	DPU	(136)	PPS SUB DVM ACCURACY	***PASS
TEST	30220	DPU	(131)	PPS VM ACCURACY	***PASS
TEST	30221	DPU	(131)	PPS VS ACCURACY	***PASS
TEST	30222	DPU	(131)	PPS IM ACCURACY	***PASS
TEST	30223	DPU	(131)	PPS IC ACCURACY	***PASS
TEST	30226	DPU	(133)	PPS DAC LINEARITY	***PASS
TEST	30243	DPU	(133)	PPS IM SETTLING NO_LOAD	***PASS
TEST	30260	DPU	(134)	PPS CLAMP ALARM	***PASS
TEST	30262	DPU	(134)	PPS KELVIN ALARM	***PASS
TEST	30263	DPU	(134)	PPS DIAG CP ALARM	***PASS
TEST	30265	DPU	(135)	PPS PARA_R	***PASS
TEST	32000	ALPG	(101)	REGISTER R/W CHECK 1 (ALL)	***PASS
TEST	32001	ALPG	(101)	REGISTER R/W CHECK 2 (REGISTER FILE)	***PASS
TEST	32002	ALPG	(101)	REGISTER R/W CHECK 3 (IDX1-8)	***PASS
TEST	32003	ALPG	(101)	REGISTER R/W CHECK 4 (IDXR1-16)	***PASS
TEST	32004	ALPG	(101)	REGISTER R/W CHECK 5 (RWP_SEL)	***PASS
TEST	32006	ALPG	(101)	TESTER BUS RESET CHECK	***PASS
TEST	32007	ALPG	(101)	PG RESET CHECK	***PASS
TEST	32010	ALPG	(102)	ALPG MEMORY SELECT CHECK	***PASS
TEST	32011	ALPG	(102)	WCS0-34 R/W CHECK	***PASS
TEST	32012	ALPG	(102)	BURST SCRAM R/W CHECK	***PASS
TEST	32013	ALPG	(102)	ARIRAM R/W CHECK	***PASS
TEST	32014	ALPG	(102)	CBM R/W CHECK 1	***PASS
TEST	32015	ALPG	(102)	DBM R/W CHECK 1	***PASS
TEST	32016	ALPG	(102)	CBM R/W CHECK 2 (LINK MODE)	***PASS

TEST	32017	ALPG	(102)	DBM R/W CHECK 2 (LINK MODE)	***PASS
TEST	32018	ALPG	(102)	DFM R/W CHECK	***PASS
TEST	32020	ALPG	(103)	MEMORY DIAG PRE-CHK 1 (INITIAL WRITE)	***PASS
TEST	32021	ALPG	(103)	MEMORY DIAG PRE-CHK 2 (READ MODIFY WRITE)	***PASS
TEST	32022	ALPG	(103)	MEMORY DIAG PRE-CHK 3 (FL ADDR/FL DT)	***PASS
TEST	32023	ALPG	(103)	WCS0-34 DIAG R/W CHECK	***PASS
TEST	32024	ALPG	(103)	BURST SCRAM DIAG R/W CHECK	***PASS
TEST	32025	ALPG	(103)	ARIRAM DIAG R/W CHECK	***PASS
TEST	32026	ALPG	(103)	DBM DIAG R/W CHECK	***PASS
TEST	32027	ALPG	(103)	DFM DIAG R/W CHECK	***PASS
TEST	32030	ALPG	(104)	WCS0-34 BURST R/W CHECK	***PASS
TEST	32031	ALPG	(104)	BURST SCRAM BURST R/W CHECK	***PASS
TEST	32032	ALPG	(104)	ARIRAM BURST R/W CHECK	***PASS
TEST	32033	ALPG	(104)	CBM BURST R/W CHECK	***PASS
TEST	32034	ALPG	(104)	DBM BURST R/W CHECK	***PASS
TEST	32035	ALPG	(104)	DFM BURST R/W CHECK	***PASS
TEST	32040	ALPG	(105)	UNIVERSAL COUNTER CLEAR CHECK	***PASS
TEST	32041	ALPG	(105)	STA(START PC) BIT CHECK	***PASS
TEST	32042	ALPG	(105)	PG STOP/PG RESET CHECK	***PASS
TEST	32043	ALPG	(105)	PC NOP INSTRUCTION CHECK	***PASS
TEST	32044	ALPG	(105)	PC JMP INSTRUCTION CHECK	***PASS
TEST	32045	ALPG	(105)	PC STPS INSTRUCTION CHECK	***PASS
TEST	32046	ALPG	(105)	PC STFL INSTRUCTION CHECK	***PASS
TEST	32047	ALPG	(105)	PC & TEST LINE CHECK	***PASS
TEST	32048	ALPG	(105)	PC NOP/JMP CHECK	***PASS
TEST	32049	ALPG	(105)	PC NOP/RTN CHECK	***PASS
TEST	32050	ALPG	(106)	PC JMP/RTN CHECK	***PASS
TEST	32051	ALPG	(106)	PC JSR/RTN INSTRUCTION CHECK	***PASS
TEST	32052	ALPG	(106)	PC SUBROUTINE STACK BIT CHECK	***PASS
TEST	32053	ALPG	(106)	PC STACK ERROR(STACK OVER/UNDER) CHECK	***PASS
TEST	32054	ALPG	(106)	PC STI1-8 INSTRUCTION CHECK	***PASS
TEST	32055	ALPG	(106)	PC INC1-8 INSTRUCTION CHECK	***PASS
TEST	32056	ALPG	(106)	PC LD11-8 INSTRUCTION CHECK 1	***PASS
TEST	32057	ALPG	(106)	PC LD11-8 INSTRUCTION CHECK 2	***PASS
TEST	32058	ALPG	(106)	PC IDX11-8 INSTRUCTION CHECK	***PASS
TEST	32060	ALPG	(107)	PC JN11-8 INSTRUCTION CHECK 1 (JNI .-1)	***PASS

TEST	32061	ALPG	(107)	PC	JN11-8	INSTRUCTION	CHECK	2	(JNI .)	***PASS
TEST	32062	ALPG	(107)	PC	JN11-8	INSTRUCTION	CHECK	3	(ZERO FLAG)	***PASS
TEST	32063	ALPG	(107)	PC	JZD	INSTRUCTION	CHECK			***PASS
TEST	32064	ALPG	(107)	PC	STISP	INSTRUCTION	CHECK			***PASS
TEST	32065	ALPG	(107)	PC	JNC1-16	INSTRUCTION	CHECK			***PASS
TEST	32066	ALPG	(107)	PC	WAIT	INSTRUCTION	CHECK			***PASS
TEST	32067	ALPG	(107)	PC	OUT1	INSTRUCTION	CHECK			***PASS
TEST	32068	ALPG	(107)	PC	T/TM1-4	INSTRUCTION	CHECK			***PASS
TEST	32070	ALPG	(108)	PC	OUT2-JCZ	INSTRUCTION	CHECK			***PASS
TEST	32071	ALPG	(108)	PC	IDX11-8	DATA	LOAD	TIMING	CHECK	***PASS
TEST	32072	ALPG	(108)	PC	IDX11-8	DATA	READ	TIMING	CHECK	***PASS
TEST	32073	ALPG	(108)	PC		INSTRUCTION	COMBINATION	CHECK	1	***PASS
TEST	32074	ALPG	(108)	PC		INSTRUCTION	COMBINATION	CHECK	2	***PASS
TEST	32075	ALPG	(108)	PC		TRACE	MODE	INSTRUCTION	CHK1 (NOPT/OUT/WAIT)	***PASS
TEST	32076	ALPG	(108)	PC		TRACE	MODE	INSTRUCTION	CHK2 (JET)	***PASS
TEST	32077	ALPG	(108)	PC		TRACE	MODE	INSTRUCTION	CHK3 (JCZ)	***PASS
TEST	32078	ALPG	(108)	PC		MAIN	BURST	MODE	INSTRUCTION	CHECK
TEST	32080	ALPG	(109)	AGEN		REGISTER	REAL-TIME	SET	CHECK	1
TEST	32081	ALPG	(109)	AGEN		REGISTER	REAL-TIME	SET	CHECK	2
TEST	32082	ALPG	(109)	AGEN		XB	INSTRUCTION	CHECK		***PASS
TEST	32083	ALPG	(109)	AGEN		YB	INSTRUCTION	CHECK		***PASS
TEST	32084	ALPG	(109)	AGEN		D1A-H	SELECT	CHECK		***PASS
TEST	32085	ALPG	(109)	AGEN		D2A-D	SELECT	CHECK		***PASS
TEST	32086	ALPG	(109)	AGEN		LOAD	D1/D2	INTO	XB	BIT
TEST	32087	ALPG	(109)	AGEN		LOAD	D1/D2	INTO	YB	BIT
TEST	32088	ALPG	(109)	AGEN		XB-YB	INSTRUCTION	CHECK	(LINK)	***PASS
TEST	32090	ALPG	(110)	AGEN		XB-ALU	OPERATION	FIELD	CHECK	***PASS
TEST	32091	ALPG	(110)	AGEN		YB-ALU	OPERATION	FIELD	CHECK	1
TEST	32092	ALPG	(110)	AGEN		YB-ALU	OPERATION	FIELD	CHECK	2
TEST	32100	ALPG	(111)	AGEN		D3	INSTRUCTION	CHECK		***PASS
TEST	32101	ALPG	(111)	AGEN		D4	INSTRUCTION	CHECK		***PASS
TEST	32102	ALPG	(111)	AGEN		D3-D4	REGISTER	LINK	CHECK	***PASS
TEST	32103	ALPG	(111)	AGEN		ND1-7	LOAD	FUNCTION	CHECK	***PASS
TEST	32104	ALPG	(111)	AGEN		BD1-7	LOAD	FUNCTION	CHECK	***PASS
TEST	32110	ALPG	(112)	AGEN		X-ALU	SOURCE	A	FIELD	CHECK
TEST	32111	ALPG	(112)	AGEN		Y-ALU	SOURCE	A	FIELD	CHECK

TEST	32112	ALPG	(112)	AGEN X-ALU SOURCE B FIELD CHECK	***PASS
TEST	32113	ALPG	(112)	AGEN Y-ALU SOURCE B FIELD CHECK	***PASS
TEST	32120	ALPG	(113)	AGEN X-ALU OPERATION FIELD CHK	***PASS
TEST	32121	ALPG	(113)	AGEN Y-ALU OPERATION FIELD CHK1	***PASS
TEST	32122	ALPG	(113)	AGEN Y-ALU OPERATION FIELD CHK2(LINK CHK 1)	***PASS
TEST	32123	ALPG	(113)	AGEN Y-ALU OPERATION FIELD CHK3(LINK CHK 2)	***PASS
TEST	32124	ALPG	(113)	AGEN Y-ALU OPERATION FIELD CHK4(LINK CHK 3)	***PASS
TEST	32125	ALPG	(113)	AGEN Y-ALU OPERATION FIELD CHK5(LINK CHK 4)	***PASS
TEST	32130	ALPG	(114)	AGEN X-ALU DESTINATION FIELD CHECK 1	***PASS
TEST	32131	ALPG	(114)	AGEN Y-ALU DESTINATION FIELD CHECK 1	***PASS
TEST	32132	ALPG	(114)	AGEN X-ALU DESTINATION FIELD CHECK 2	***PASS
TEST	32133	ALPG	(114)	AGEN Y-ALU DESTINATION FIELD CHECK 2	***PASS
TEST	32134	ALPG	(114)	AGEN X-ALU DESTINATION FIELD CHECK 3	***PASS
TEST	32135	ALPG	(114)	AGEN Y-ALU DESTINATION FIELD CHECK 3	***PASS
TEST	32136	ALPG	(114)	AGEN X-OUT DATA MULTIPLEXER CHECK 1	***PASS
TEST	32137	ALPG	(114)	AGEN Y-OUT DATA MULTIPLEXER CHECK 1	***PASS
TEST	32140	ALPG	(115)	AGEN XB CARRY CHECK	***PASS
TEST	32141	ALPG	(115)	AGEN YB CARRY CHECK	***PASS
TEST	32142	ALPG	(115)	AGEN XC CARRY CHECK	***PASS
TEST	32143	ALPG	(115)	AGEN YC CARRY CHECK	***PASS
TEST	32144	ALPG	(115)	AGEN LMAX<>HMAX INSTRUCTION CHECK	***PASS
TEST	32150	ALPG	(116)	AGEN Z INSTRUCTION CHECK 1	***PASS
TEST	32151	ALPG	(116)	AGEN Z INSTRUCTION CHECK 2	***PASS
TEST	32152	ALPG	(116)	AGEN Z INSTRUCTION CHECK 3	***PASS
TEST	32153	ALPG	(116)	AGEN N INSTRUCTION CHECK	***PASS
TEST	32154	ALPG	(116)	AGEN B INSTRUCTION CHECK	***PASS
TEST	32155	ALPG	(116)	AGEN X ADDRESS MULTIPLEXER CHECK	***PASS
TEST	32156	ALPG	(116)	AGEN Y ADDRESS MULTIPLEXER CHECK	***PASS
TEST	32157	ALPG	(116)	AGEN PGBUS ACCESS CHECK ON PG RUNNING	***PASS
TEST	32160	ALPG	(117)	AGEN XB SET DATA SELECT CHECK	***PASS
TEST	32161	ALPG	(117)	AGEN YB SET DATA SELECT CHECK	***PASS
TEST	32162	ALPG	(117)	AGEN XC SET DATA SELECT CHECK	***PASS
TEST	32163	ALPG	(117)	AGEN YC SET DATA SELECT CHECK	***PASS
TEST	32164	ALPG	(117)	AGEN Z SET DATA SELECT CHECK	***PASS
TEST	32165	ALPG	(117)	AGEN N SET DATA SELECT CHECK	***PASS
TEST	32166	ALPG	(117)	AGEN B SET DATA SELECT CHECK	***PASS

TEST	32170	ALPG	(118)	AGEN XB PG1/2 SELECT CHECK	***PASS
TEST	32171	ALPG	(118)	AGEN YB PG1/2 SELECT CHECK	***PASS
TEST	32172	ALPG	(118)	AGEN XC PG1/2 SELECT CHECK	***PASS
TEST	32173	ALPG	(118)	AGEN YC PG1/2 SELECT CHECK	***PASS
TEST	32174	ALPG	(118)	AGEN Z PG1/2 SELECT CHECK 1	***PASS
TEST	32175	ALPG	(118)	AGEN Z PG1/2 SELECT CHECK 2	***PASS
TEST	32176	ALPG	(118)	AGEN N PG1/2 SELECT CHECK 1	***PASS
TEST	32177	ALPG	(118)	AGEN N PG1/2 SELECT CHECK 2	***PASS
TEST	32178	ALPG	(118)	AGEN B PG1/2 SELECT CHECK 1	***PASS
TEST	32179	ALPG	(118)	AGEN B PG1/2 SELECT CHECK 2	***PASS
TEST	32180	ALPG	(119)	AGEN X EVENT TIME CONTROL CHECK	***PASS
TEST	32181	ALPG	(119)	AGEN Y EVENT TIME CONTROL CHECK	***PASS
TEST	32182	ALPG	(119)	AGEN Z EVENT TIME CONTROL CHECK 1	***PASS
TEST	32183	ALPG	(119)	AGEN Z EVENT TIME CONTROL CHECK 2	***PASS
TEST	32184	ALPG	(119)	AGEN N EVENT TIME CONTROL CHECK 1	***PASS
TEST	32185	ALPG	(119)	AGEN N EVENT TIME CONTROL CHECK 2	***PASS
TEST	32186	ALPG	(119)	AGEN B EVENT TIME CONTROL CHECK 1	***PASS
TEST	32187	ALPG	(119)	AGEN B EVENT TIME CONTROL CHECK 2	***PASS
TEST	32190	ALPG	(120)	AGEN /X INSTRUCTION CHECK	***PASS
TEST	32191	ALPG	(120)	AGEN /Y INSTRUCTION CHECK	***PASS
TEST	32192	ALPG	(120)	AGEN /Z INSTRUCTION CHECK 1	***PASS
TEST	32193	ALPG	(120)	AGEN /Z INSTRUCTION CHECK 2	***PASS
TEST	32194	ALPG	(120)	AGEN X INVERT MASK CHECK	***PASS
TEST	32195	ALPG	(120)	AGEN Y INVERT MASK CHECK	***PASS
TEST	32196	ALPG	(120)	AGEN Z INVERT MASK CHECK 1	***PASS
TEST	32197	ALPG	(120)	AGEN Z INVERT MASK CHECK 2	***PASS
TEST	32200	ALPG	(121)	AGEN XMAX MASK CHECK	***PASS
TEST	32201	ALPG	(121)	AGEN YMAX MASK CHECK	***PASS
TEST	32202	ALPG	(121)	AGEN X-Z MULTIPLEXER CHECK (X-Z ENABLE)	***PASS
TEST	32203	ALPG	(121)	AGEN Y-Z MULTIPLEXER CHECK (Y-Z ENABLE)	***PASS
TEST	32204	ALPG	(121)	AGEN X-Z MULTIPLEXER CHECK (Z CONT)	***PASS
TEST	32205	ALPG	(121)	AGEN Y-Z MULTIPLEXER CHECK (Z CONT)	***PASS
TEST	32206	ALPG	(121)	AGEN X-N MULTIPLEXER CHECK (X-N ENABLE)	***PASS
TEST	32207	ALPG	(121)	AGEN Y-N MULTIPLEXER CHECK (Y-N ENABLE)	***PASS
TEST	32208	ALPG	(121)	AGEN X-B MULTIPLEXER CHECK (X-B ENABLE)	***PASS
TEST	32209	ALPG	(121)	AGEN Y-B MULTIPLEXER CHECK (Y-B ENABLE)	***PASS

TEST	32210	ALPG	(122)	AGEN REFRESH COUNTER CHECK 1	***PASS
TEST	32211	ALPG	(122)	AGEN REFRESH COUNTER CHECK 2	***PASS
TEST	32212	ALPG	(122)	AGEN X OFFSET ADDER CHECK	***PASS
TEST	32213	ALPG	(122)	AGEN Y OFFSET ADDER CHECK	***PASS
TEST	32214	ALPG	(122)	AGEN XT FUNCTION CHECK	***PASS
TEST	32215	ALPG	(122)	AGEN YT FUNCTION CHECK	***PASS
TEST	32220	ALPG	(123)	SCRAM XRF WRITE ADDRESS SELECT CHECK	***PASS
TEST	32221	ALPG	(123)	SCRAM XRF READ ADDRESS SELECT CHECK	***PASS
TEST	32222	ALPG	(123)	SCRAM XRF X-MUT MULTIPLEXER CHECK	***PASS
TEST	32223	ALPG	(123)	SCRAM XRF BA ENABLE CHECK	***PASS
TEST	32224	ALPG	(123)	SCRAM XASV FUNCTION CHECK 1	***PASS
TEST	32225	ALPG	(123)	SCRAM XASV FUNCTION CHECK 2	***PASS
TEST	32226	ALPG	(123)	SCRAM XASV FUNCTION CHECK 3	***PASS
TEST	32227	ALPG	(123)	SCRAM XASV FUNCTION CHECK 4	***PASS
TEST	32228	ALPG	(123)	SCRAM XALD FUNCTION CHECK 1 (4WAY)	***PASS
TEST	32230	ALPG	(124)	SCRAM XASV & XALD FUNCTION CHECK 1	***PASS
TEST	32231	ALPG	(124)	SCRAM XASV & XALD FUNCTION CHECK 2	***PASS
TEST	32232	ALPG	(124)	SCRAM BURST-SCRAM ADDRESS CHECK 1	***PASS
TEST	32233	ALPG	(124)	SCRAM BURST-SCRAM ADDRESS CHECK 2	***PASS
TEST	32234	ALPG	(124)	SCRAM BURST-SCRAM ADDRESS CHECK 3	***PASS
TEST	32235	ALPG	(124)	SCRAM BURST-SCRAM ADDRESS CHECK 4	***PASS
TEST	32236	ALPG	(124)	SCRAM BURST-SCRAM ENABLE CHECK	***PASS
TEST	32237	ALPG	(124)	SCRAM BURST-SCRAM REAL-TIME OFF CHECK	***PASS
TEST	32240	ALPG	(125)	SCRAM BURST-SCRAM FUNCTION CHECK 1	***PASS
TEST	32241	ALPG	(125)	SCRAM BURST-SCRAM FUNCTION CHECK 2	***PASS
TEST	32242	ALPG	(125)	SCRAM BURST-SCRAM FUNCTION CHECK 3	***PASS
TEST	32243	ALPG	(125)	SCRAM BURST-SCRAM FUNCTION CHECK 4	***PASS
TEST	32244	ALPG	(125)	SCRAM BURST-SCRAM FUNCTION CHECK 5	***PASS
TEST	32250	ALPG	(126)	SCRAM LOGIC SCRAM EOR-CIRCUIT CHECK	***PASS
TEST	32251	ALPG	(126)	SCRAM LOGIC SCRAM INVERT CHECK	***PASS
TEST	32252	ALPG	(126)	SCRAM LOGIC SCRAM SELECT CHECK	***PASS
TEST	32253	ALPG	(126)	SCRAM LOGIC SCRAM CONT REG ON/OFF CHECK	***PASS
TEST	32254	ALPG	(126)	SCRAM REAL-TIME OFF CHECK (PDS SIDE)	***PASS
TEST	32255	ALPG	(126)	SCRAM REAL-TIME OFF CHECK (FM SIDE)	***PASS
TEST	32256	ALPG	(126)	SCRAM ADDRESS DELAY CHECK (PDS SIDE)	***PASS
TEST	32257	ALPG	(126)	SCRAM ADDRESS DELAY CHECK (FM SIDE)	***PASS

TEST	32260	ALPG (127)	SCRAM XALD FUNCTION CHECK 2	(2WAY)	***PASS
TEST	32261	ALPG (127)	SCRAM BURST SCRAM FUNCTION CHECK 2	(2WAY)	***PASS
TEST	32270	ALPG (128)	SCRAM XALD FUNCTION CHECK 3	(1WAY)	***PASS
TEST	32271	ALPG (128)	SCRAM BURST SCRAM FUNCTION CHECK 3	(1WAY)	***PASS
TEST	32280	ALPG (129)	DGEN REGISTER REAL-TIME SET CHECK 1		***PASS
TEST	32281	ALPG (129)	DGEN REGISTER REAL-TIME SET CHECK 2		***PASS
TEST	32282	ALPG (129)	DGEN TP1 REGISTER FUNCTION CHECK		***PASS
TEST	32283	ALPG (129)	DGEN TP2 REGISTER FUNCTION CHECK		***PASS
TEST	32290	ALPG (130)	DGEN TP EVENT TIME CHECK		***PASS
TEST	32291	ALPG (130)	DGEN DGEN /D1 & DCMR1 FUNCTION CHECK		***PASS
TEST	32292	ALPG (130)	DGEN DGEN /D2 & DCMR2 FUNCTION CHECK		***PASS
TEST	32293	ALPG (130)	DGEN PARITY MODE CHECK		***PASS
TEST	32294	ALPG (130)	DGEN DSD/RCD/CCD FUNCTION CHECK		***PASS
TEST	32295	ALPG (130)	DGEN TPH1B-D/TPH2B-D FUNCTION CHECK		***PASS
TEST	32296	ALPG (130)	DGEN D5B-D/D6B-D FUNCTION CHECK		***PASS
TEST	32297	ALPG (130)	DGEN TPXOR FUNCTION CHECK		***PASS
TEST	32300	ALPG (131)	DGEN FP0 FUNC CHK 1 (FIX-0)		***PASS
TEST	32301	ALPG (131)	DGEN FP1 FUNC CHK 1 (CHECKER)		***PASS
TEST	32302	ALPG (131)	DGEN FP3 FUNC CHK 1 (DIAGONAL)		***PASS
TEST	32303	ALPG (131)	DGEN FP4 FUNC CHK 1 (INVERTED DIAGONAL)		***PASS
TEST	32304	ALPG (131)	DGEN FP5 FUNC CHK 1 (DIAGONAL 2)		***PASS
TEST	32305	ALPG (131)	DGEN FP6 FUNC CHK 1 (INVERTED DIAGONAL 2)		***PASS
TEST	32306	ALPG (131)	DGEN FP7 FUNC CHK 1 (MASK PARITY)		***PASS
TEST	32307	ALPG (131)	DGEN FP8 FUNC CHK 1 (ROW BAR)		***PASS
TEST	32308	ALPG (131)	DGEN FP9 FUNC CHK 1 (COLUMN BAR)		***PASS
TEST	32309	ALPG (131)	DGEN FP10 FUNC CHK 1 (ROW/COLUMN BAR)		***PASS
TEST	32310	ALPG (132)	DGEN FPX FUNCTION CHECK 1		***PASS
TEST	32311	ALPG (132)	DGEN FP FUNCTION DATA INVERT CHECK		***PASS
TEST	32320	ALPG (133)	DGEN FP0 FUNCTION CHECK 2 (4WAY-DDR)		***PASS
TEST	32321	ALPG (133)	DGEN FP1 FUNCTION CHECK 2 (4WAY-DDR)		***PASS
TEST	32322	ALPG (133)	DGEN FP3 FUNCTION CHECK 2 (4WAY-DDR)		***PASS
TEST	32323	ALPG (133)	DGEN FP4 FUNCTION CHECK 2 (4WAY-DDR)		***PASS
TEST	32324	ALPG (133)	DGEN FP5 FUNCTION CHECK 2 (4WAY-DDR)		***PASS
TEST	32325	ALPG (133)	DGEN FP6 FUNCTION CHECK 2 (4WAY-DDR)		***PASS
TEST	32326	ALPG (133)	DGEN FP7 FUNCTION CHECK 2 (4WAY-DDR)		***PASS
TEST	32327	ALPG (133)	DGEN FP8 FUNCTION CHECK 2 (4WAY-DDR)		***PASS

TEST	32328	ALPG	(133)	DGEN FP9	FUNCTION CHECK 2 (4WAY-DDR)	***PASS
TEST	32329	ALPG	(133)	DGEN FP10	FUNCTION CHECK 2 (4WAY-DDR)	***PASS
TEST	32330	ALPG	(134)	DGEN FPX	FUNCTION CHECK 2 (4WAY-DDR)	***PASS
TEST	32340	ALPG	(135)	DGEN DFLG	TOGGLE FUNCTION CHECK	***PASS
TEST	32341	ALPG	(135)	DGEN DFLG	DATA INVERT CHECK	***PASS
TEST	32342	ALPG	(135)	DGEN DATA	DELAY CHECK	***PASS
TEST	32350	ALPG	(136)	DGEN ARIRAM	ADDRESS SELECTOR CHECK 1	***PASS
TEST	32351	ALPG	(136)	DGEN ARIRAM	ADDRESS SELECTOR CHECK 2	***PASS
TEST	32352	ALPG	(136)	DGEN ARIRAM	DATA INVERT CHECK 1	***PASS
TEST	32353	ALPG	(136)	DGEN ARIRAM	DATA INVERT CHECK 2	***PASS
TEST	32354	ALPG	(136)	DGEN ARIRAM	INVERT REAL-TIME INHIBIT CHECK	***PASS
TEST	32355	ALPG	(136)	DGEN ARIRAM	MODE CHECK	***PASS
TEST	32360	ALPG	(137)	DGEN DATA	INVERSION MODE CHECK (4WAY-SDR)	***PASS
TEST	32361	ALPG	(137)	DGEN DATA	INVERSION INVERT CHECK (4WAY-SDR)	***PASS
TEST	32362	ALPG	(137)	DGEN DATA	INVERT FUNCTION CHECK 1 (4WAY)	***PASS
TEST	32363	ALPG	(137)	DGEN CBMAP	COUNT CHECK 1 (4WAY)	***PASS
TEST	32364	ALPG	(137)	DGEN CBM	BIT MODE CHECK (4WAY)	***PASS
TEST	32365	ALPG	(137)	DGEN CBM	LINK MODE CHECK (4WAY)	***PASS
TEST	32366	ALPG	(137)	DGEN CBM	MEMORY CHECK (4WAY)	***PASS
TEST	32367	ALPG	(137)	DGEN CBM	FUNCTION CHECK 1 (4WAY)	***PASS
TEST	32370	ALPG	(138)	DGEN DBMAP	COUNT CHECK 1 (4WAY)	***PASS
TEST	32371	ALPG	(138)	DGEN DBM	LINK MODE CHECK (4WAY)	***PASS
TEST	32372	ALPG	(138)	DGEN DBM	MEMORY CHECK (4WAY)	***PASS
TEST	32373	ALPG	(138)	DGEN DBM	FUNCTION CHECK 1 (4WAY)	***PASS
TEST	32374	ALPG	(138)	DGEN DBMAP	BASE ADDRESS CHECK (4WAY)	***PASS
TEST	32380	ALPG	(139)	DGEN DATA	INVERT FUNCTION CHECK 2 (2WAY)	***PASS
TEST	32381	ALPG	(139)	DGEN CBM	FUNCTION CHECK 2 (2WAY)	***PASS
TEST	32382	ALPG	(139)	DGEN DBMAP	COUNT CHECK 2 (2WAY)	***PASS
TEST	32383	ALPG	(139)	DGEN DBM	FUNCTION CHECK 2 (2WAY)	***PASS
TEST	32390	ALPG	(140)	DGEN DATA	INVERT FUNCTION CHECK 3 (1WAY)	***PASS
TEST	32391	ALPG	(140)	DGEN CBM	FUNCTION CHECK 3 (1WAY)	***PASS
TEST	32392	ALPG	(140)	DGEN DBM	FUNCTION CHECK 3 (1WAY)	***PASS
TEST	32393	ALPG	(140)	DGEN DBMAP	COUNT CHECK 3 (1WAY)	***PASS
TEST	32394	ALPG	(140)	DGEN DBMAP	BASE ADDRESS ADDER CHECK (1WAY)	***PASS
TEST	32400	ALPG	(141)	CDB PC	-SYNC CHECK	***PASS
TEST	32401	ALPG	(141)	CDB TS	-SYNC CHECK	***PASS

TEST	32402	ALPG	(141)	CDB MUT-SYNC CHECK		***PASS
TEST	32403	ALPG	(141)	CDB X/Y-SYNC CHECK		***PASS
TEST	32404	ALPG	(141)	CDB SYNC MODE FUNCTION CHECK		***PASS
TEST	32405	ALPG	(141)	CDB MUT CONTROL SIGNAL CHECK 1		***PASS
TEST	32406	ALPG	(141)	CDB MUT CONTROL SIGNAL CHECK 2		***PASS
TEST	32410	ALPG	(142)	CDB CPE/DRE/RINV/RHZ SIGNAL CHECK		***PASS
TEST	32411	ALPG	(142)	CDB CPE/DRE/RINV/RHZ SIGNAL SELECT CHECK		***PASS
TEST	32412	ALPG	(142)	CDB PPS CONTROL SIGNAL SELECT CHECK		***PASS
TEST	32413	ALPG	(142)	CDB TS READ CHECK		***PASS
TEST	32414	ALPG	(142)	CDB PC READ CHECK		***PASS
TEST	32415	ALPG	(142)	CDB CYCLE PALETTE READ CHECK		***PASS
TEST	32416	ALPG	(142)	CDB PPS START CHECK		***PASS
TEST	32420	ALPG	(143)	CDB MUT CONTROL SIGNAL CHECK 3	(4WAY)	***PASS
TEST	32421	ALPG	(143)	CDB MUT CONTROL SIGNAL CHECK 4	(4WAY)	***PASS
TEST	32422	ALPG	(143)	CDB CPE/DRE/RINV/RHZ SIGNAL CHECK 2	(4WAY)	***PASS
TEST	32423	ALPG	(143)	CDB TS READ CHECK 2	(4WAY)	***PASS
TEST	32424	ALPG	(143)	CDB CYCLE PALETTE READ CHECK 2	(4WAY)	***PASS
TEST	32430	ALPG	(144)	PGCONT UNIVERSAL COUNTER CHK1 (PAT COUNT)		***PASS
TEST	32431	ALPG	(144)	PGCONT UNIVERSAL COUNTER CHK2 (SYNC COUNT)		***PASS
TEST	32432	ALPG	(144)	PGCONT UNIVERSAL COUNTER CHK3 (FAIL COUNT)		***PASS
TEST	32433	ALPG	(144)	PGCONT FAIL TRIGGER CHECK		***PASS
TEST	32434	ALPG	(144)	PGCONT FAIL STOP FUNCTION CHECK		***PASS
TEST	32435	ALPG	(144)	PGCONT INT1 OUTPUT & MASK CHECK 1		***PASS
TEST	32436	ALPG	(144)	PGCONT INT1 OUTPUT & MASK CHECK 2		***PASS
TEST	32437	ALPG	(144)	PGCONT INT1 OUTPUT & MASK CHECK 3		***PASS
TEST	32438	ALPG	(144)	PGCONT INT1 OUTPUT & MASK CHECK 4		***PASS
TEST	32440	ALPG	(145)	PGCONT ENABLE TIMER FULL BIT COUNT CHECK		***PASS
TEST	32441	ALPG	(145)	PGCONT REFRESH TIMER FULL BIT COUNT CHECK		***PASS
TEST	32442	ALPG	(145)	PGCONT PAUSE TIMER FULL BIT COUNT CHECK		***PASS
TEST	32443	ALPG	(145)	PGCONT TIMER OPERATION CHECK 1		***PASS
TEST	32444	ALPG	(145)	PGCONT TIMER OPERATION CHECK 2		***PASS
TEST	32445	ALPG	(145)	PGCONT TIMER OPERATION CHECK 3		***PASS
TEST	32446	ALPG	(145)	PGCONT TIMER OPERATION CHECK 4		***PASS
TEST	32447	ALPG	(145)	PGCONT ENABLE TIMER RANGE CHECK		***PASS
TEST	32448	ALPG	(145)	PGCONT REFRESH TIMER RANGE CHECK		***PASS
TEST	32449	ALPG	(145)	PGCONT PAUSE TIMER RANGE CHECK		***PASS

TEST	32450	ALPG (146)	PGCONT ENABLE TIMER FUNCTION CHECK	***PASS
TEST	32451	ALPG (146)	PGCONT REFRESH A TIMER FUNCTION CHECK	***PASS
TEST	32452	ALPG (146)	PGCONT REFRESH B TIMER FUNCTION CHECK	***PASS
TEST	32453	ALPG (146)	PGCONT PAUSE TIMER FUNCTION CHECK	***PASS
TEST	32454	ALPG (146)	PGCONT TIMER TM1 FUNCTION CHECK	***PASS
TEST	32455	ALPG (146)	PGCONT TIMER TM2/TM3/TM4 FUNCTION CHECK	***PASS
TEST	32460	ALPG (147)	PC INTERRUPT CHK1 (ISP)	***PASS
TEST	32461	ALPG (147)	PC INTERRUPT CHK2 (IRTN)	***PASS
TEST	32462	ALPG (147)	PC INTERRUPT CHK3 (ISTK)	***PASS
TEST	32463	ALPG (147)	PC INTERRUPT CHK4 (JSR INST.)	***PASS
TEST	32464	ALPG (147)	PC INTERRUPT CHK5 (IDXI INST. OP=0)	***PASS
TEST	32465	ALPG (147)	PC INTERRUPT CHK6 (IDXI INST. OP<>0)	***PASS
TEST	32466	ALPG (147)	PC INTERRUPT CHK7 (JNI INST. OP=PC IDX=0)	***PASS
TEST	32467	ALPG (147)	PC INTERRUPT CHK8 (JNI INST. OP=PC IDX<>0)	***PASS
TEST	32468	ALPG (147)	PC INTERRUPT CHK9 (JNI INST. OP<>PC)	***PASS
TEST	32469	ALPG (147)	PC INTERRUPT CHK10 (RTN INST.)	***PASS
TEST	32470	ALPG (148)	PC INTERRUPT CHK11 (STPS INST.)	***PASS
TEST	32471	ALPG (148)	PC INTERRUPT CHK12 (STFL INST.)	***PASS
TEST	32472	ALPG (148)	PC INTERRUPT CHK13 (JET INST.)	***PASS
TEST	32473	ALPG (148)	PC INTERRUPT CHK14 (I INST.)	***PASS
TEST	32474	ALPG (148)	PC INTERRUPT TIMING CHK1 (JNI INST. OP=PC)	***PASS
TEST	32475	ALPG (148)	PC INTERRUPT TIMING CHK2 (JNI INST. OP<>PC)	***PASS
TEST	32476	ALPG (148)	PC INTERRUPT COUNTER CHECK	***PASS
TEST	32477	ALPG (148)	PC REFRESH ERROR CHECK	***PASS
TEST	32478	ALPG (148)	PC INTERRUPT IRTN CHECK 1	***PASS
TEST	32479	ALPG (148)	PC INTERRUPT IRTN CHECK 2	***PASS
TEST	32480	ALPG (149)	PGCONT REPEAT MODE FUNC CHK 1 (RESTART)	***PASS
TEST	32481	ALPG (149)	PGCONT REPEAT MODE FUNC CHK 2 (PASS/FAIL)	***PASS
TEST	32482	ALPG (149)	PGCONT REPEAT MODE FUNC CHK 3 (STACK ERR)	***PASS
TEST	32483	ALPG (149)	PGCONT REPEAT MODE FUNC CHK 4 (REFRESH ERR)	***PASS
TEST	32484	ALPG (149)	PGCONT REPEAT MODE FUNC CHK 5 (RATE ERROR)	***PASS
TEST	32485	ALPG (149)	PGCONT REPEAT MODE FUNC CHK 6 (STOP MPAT)	***PASS
TEST	32486	ALPG (149)	PGCONT REPEAT MODE FUNC CHK 7 (FAIL STOP)	***PASS
TEST	32490	ALPG (150)	PGCONT TRACE MODE STEP FUNCTION CHECK	***PASS
TEST	32491	ALPG (150)	PGCONT TRACE MODE BREAK ON PC FUNC CHK	***PASS
TEST	32492	ALPG (150)	PGCONT TRACE MODE BREAK ON PAT FUNC CHK	***PASS

TEST	32493	ALPG	(150)	PGCONT TRACE MODE BREAK ON SYNC FUNC CHK	***PASS
TEST	32494	ALPG	(150)	PGCONT TRACE MODE STPS/STFL CHECK	***PASS
TEST	32495	ALPG	(150)	PGCONT TRACE MODE PASS/FAIL FLAG CHECK	***PASS
TEST	32496	ALPG	(150)	PGCONT TRACE & REPEAT MODE CHECK	***PASS
TEST	32497	ALPG	(150)	PGCONT TRACE MODE BREAK ON PC CONTINUE CHK	***PASS
TEST	32498	ALPG	(150)	PGCONT TRACE MODE BREAK ON PAT CONTINUE CHK	***PASS
TEST	32499	ALPG	(150)	PGCONT TRACE MODE BREAK ON SYNC CONTINUE CHK	***PASS
TEST	32500	ALPG	(151)	PGCONT TRACE MODE DATA RD CHK1 (TS)	***PASS
TEST	32501	ALPG	(151)	PGCONT TRACE MODE DATA RD CHK2 (MUT)	***PASS
TEST	32502	ALPG	(151)	PGCONT TRACE MODE DATA RD CHK3 (PX/FX)	***PASS
TEST	32503	ALPG	(151)	PGCONT TRACE MODE DATA RD CHK4 (PY/FY)	***PASS
TEST	32504	ALPG	(151)	PGCONT TRACE MODE DATA RD CHK5 (FYB)	***PASS
TEST	32505	ALPG	(151)	PGCONT TRACE MODE DATA RD CHK6 (DA)	***PASS
TEST	32506	ALPG	(151)	PGCONT TRACE MODE DATA RD CHK7 (DB)	***PASS
TEST	32507	ALPG	(151)	PGCONT TRACE MODE DATA RD CHK8 (DRE/CPE/CYP)	***PASS
TEST	32508	ALPG	(151)	PGCONT TRACE MODE STACK ERROR STOP CHECK	***PASS
TEST	32509	ALPG	(151)	PGCONT TRACE MODE DATA READ CHECK (4WAY)	***PASS
TEST	32510	ALPG	(152)	DFM 512WAY I.L CHECK	***PASS
TEST	32511	ALPG	(152)	DFM AP REAL-TIME CHECK 1	***PASS
TEST	32512	ALPG	(152)	DFM AP REAL-TIME CHECK 2	***PASS
TEST	32513	ALPG	(152)	DFM COUNTER/DFM PATTERN COUNTER CHECK 1	***PASS
TEST	32514	ALPG	(152)	DFM COUNTER/DFM PATTERN COUNTER CHECK 2	***PASS
TEST	32515	ALPG	(152)	DFM STOP FLAG CHECK	***PASS
TEST	32516	ALPG	(152)	DFM STOP COUNT CHECK	***PASS
TEST	32517	ALPG	(152)	DFM ORFL SELECT CHECK	***PASS
TEST	32520	ALPG	(153)	DFM STORE CHK1 (DATA BIT)	***PASS
TEST	32521	ALPG	(153)	DFM STORE CHK2 (ALLO/ALL1)	***PASS
TEST	32522	ALPG	(153)	DFM STORE CHK3 (ALL1/ALLO)	***PASS
TEST	32523	ALPG	(153)	DFM STORE CHK4 (PC=#555/#AAA)	***PASS
TEST	32524	ALPG	(153)	DFM STORE CHK5 (FAIL STOP)	***PASS
TEST	32525	ALPG	(153)	DFM STORE CHK6 (FL STOP AT FIRST PAT)	***PASS
TEST	32526	ALPG	(153)	DFM STORE CHK7 (FL STOP AT LAST PAT)	***PASS
TEST	32527	ALPG	(153)	DFM STORE CHK8 (FL STOP INH 1)	***PASS
TEST	32528	ALPG	(153)	DFM STORE CHK9 (FL STOP INH 2)	***PASS
TEST	32529	ALPG	(153)	DFM STORE CHK10 (FL STOP INH 3)	***PASS
TEST	32530	ALPG	(154)	DFM STORE CHK11 (FL STOP INH 4)	***PASS

TEST	32531	ALPG	(154)	DFM STORE CHK12 (STOP COUNT=0)	***PASS
TEST	32532	ALPG	(154)	DFM STORE CHK13 (YB/ARIB)	***PASS
TEST	32533	ALPG	(154)	DFM STORE CHK14 (OUT1/WAIT/MBURST)	***PASS
TEST	32534	ALPG	(154)	DFM STORE CHK15 (PAUSE)	***PASS
TEST	32535	ALPG	(154)	DFM STORE CHK16 (FREERUN)	***PASS
TEST	32536	ALPG	(154)	DFM STORE CHK17 (FREERUN & OUT1/WAIT/MBURST)	***PASS
TEST	32537	ALPG	(154)	DFM STORE CHK18 (FREERUN & PAUSE)	***PASS
TEST	32540	ALPG	(155)	DFM DATA DELAY CHECK 1 (X)	***PASS
TEST	32541	ALPG	(155)	DFM DATA DELAY CHECK 2 (Y)	***PASS
TEST	32542	ALPG	(155)	DFM DATA DELAY CHECK 3 (DA)	***PASS
TEST	32543	ALPG	(155)	DFM DATA DELAY CHECK 4 (DB)	***PASS
TEST	32550	ALPG	(156)	RATE REGISTER R/W CHECK	***PASS
TEST	32551	ALPG	(156)	RATE REGISTER RESET CHECK	***PASS
TEST	32552	ALPG	(156)	RATE DATA 1-16 R/W CHECK	***PASS
TEST	32553	ALPG	(156)	RATE DATA INITIALIZE CHECK	***PASS
TEST	32560	ALPG	(157)	RATE RATE-STOP COUNTER REAL-TIME CHECK	***PASS
TEST	32561	ALPG	(157)	RATE REFCLK COUNTER REAL-TIME CHECK	***PASS
TEST	32562	ALPG	(157)	RATE TGRUN READ CHECK	***PASS
TEST	32563	ALPG	(157)	RATE FD SIGNAL READ CHECK	***PASS
TEST	32564	ALPG	(157)	RATE PHASE ACCUMULATOR CHECK	***PASS
TEST	32565	ALPG	(157)	RATE PHASE ACCUMULATOR CLEAR CHECK	***PASS
TEST	32566	ALPG	(157)	RATE ERROR CHECK	***PASS
TEST	32570	ALPG	(158)	RATE FREERUN TS1 SELECT CHECK	***PASS
TEST	32571	ALPG	(158)	RATE FREERUN FUNCTION CHECK 1	***PASS
TEST	32572	ALPG	(158)	RATE FREERUN FUNCTION CHECK 2 (SCLR)	***PASS
TEST	32573	ALPG	(158)	RATE FREERUN FUNCTION CHECK 3 (OUT1)	***PASS
TEST	32574	ALPG	(158)	RATE FREERUN FUNCTION CHECK 4 (WAIT)	***PASS
TEST	32575	ALPG	(158)	RATE FREERUN FUNCTION CHECK 5 (MBURST)	***PASS
TEST	32576	ALPG	(158)	RATE FREERUN FUNCTION CHECK 6 (PAUSE)	***PASS
TEST	32577	ALPG	(158)	RATE FREERUN FUNCTION CHECK 7 (REPEAT)	***PASS
TEST	32580	ALPG	(159)	RATE PERIOD OUTPUT CHECK	***PASS
TEST	32581	ALPG	(159)	RATE PERIOD DELAY CHECK 1	***PASS
TEST	32582	ALPG	(159)	RATE PERIOD DELAY CHECK 2	***PASS
TEST	32583	ALPG	(159)	RATE TS/PGRUN DELAY CHECK	***PASS
TEST	32584	ALPG	(159)	RATE PERIOD COUNT CHECK	***PASS
TEST	32590	ALPG	(160)	RATE RATE DATA MRAM CHECK 1	***PASS

TEST	32591	ALPG	(160)	RATE RATE DATA MRAM CHECK 2	***PASS
TEST	32600	ALPG	(161)	PDS REGISTER R/W CHECK 1	***PASS
TEST	32601	ALPG	(161)	PDS CHANNEL ASSIGN READ CHECK	***PASS
TEST	32602	ALPG	(161)	PDS PIN DEFINE TABLE R/W CHECK	***PASS
TEST	32603	ALPG	(161)	PDS REGISTER R/W CHECK 2 (PIN DATA)	***PASS
TEST	32604	ALPG	(161)	PDS REGISTER R/W CHECK 3 (ALL PIN)	***PASS
TEST	32605	ALPG	(161)	PDS REGISTER R/W CHECK 4 (CYCLE PALETTE)	***PASS
TEST	32606	ALPG	(161)	PDS PIN DEFINE TABLE SELECT R/W CHECK	***PASS
TEST	32607	ALPG	(161)	PDS REGISTER RESET CHECK 1	***PASS
TEST	32608	ALPG	(161)	PDS REGISTER RESET CHECK 2	***PASS
TEST	32610	ALPG	(162)	PDS X0-23 INPUT CHECK	***PASS
TEST	32611	ALPG	(162)	PDS Y0-23 INPUT CHECK	***PASS
TEST	32612	ALPG	(162)	PDS MUT/RINV/STATE INPUT CHECK	***PASS
TEST	32613	ALPG	(162)	PDS C0-31 INPUT CHECK	***PASS
TEST	32614	ALPG	(162)	PDS DA0-35 INPUT CHECK	***PASS
TEST	32615	ALPG	(162)	PDS DB0-35 INPUT CHECK	***PASS
TEST	32616	ALPG	(162)	PDS CYP A/CYP B INPUT CHECK	***PASS
TEST	32617	ALPG	(162)	PDS DRE/CPE/RHZ/INHDBM INPUT CHECK	***PASS
TEST	32618	ALPG	(162)	PDS PPATA/PPATB INPUT CHECK	***PASS
TEST	32619	ALPG	(162)	PDS PDRE/PCPE INPUT CHECK	***PASS
TEST	32620	ALPG	(163)	PDS X0-23 SELECT CHECK	***PASS
TEST	32621	ALPG	(163)	PDS Y0-23 SELECT CHECK	***PASS
TEST	32622	ALPG	(163)	PDS MUT/STATE SELECT CHECK	***PASS
TEST	32623	ALPG	(163)	PDS DA0-35 SELECT CHECK	***PASS
TEST	32624	ALPG	(163)	PDS DB0-35 SELECT CHECK	***PASS
TEST	32625	ALPG	(163)	PDS REG MUX A/B/C/D SELECT CHECK	***PASS
TEST	32626	ALPG	(163)	PDS REG MUX P/E SELECT CHECK	***PASS
TEST	32627	ALPG	(163)	PDS PIN DATA SELECT CHECK	***PASS
TEST	32628	ALPG	(163)	PDS CYCLE PALETTE SELECT CHECK	***PASS
TEST	32629	ALPG	(163)	PDS CYCLE PALETTE FUNCTION CHECK	***PASS
TEST	32630	ALPG	(164)	PDS CPE/DRE OUTPUT CHECK	***PASS
TEST	32631	ALPG	(164)	PDS RHZ/INHDBM OUTPUT CHECK	***PASS
TEST	32632	ALPG	(164)	PDS PPATA/PPATB SELECT CHECK 1	***PASS
TEST	32633	ALPG	(164)	PDS PPATA/PPATB SELECT CHECK 2	***PASS
TEST	32634	ALPG	(164)	PDS PDRE/PCPE SELECT CHECK 1	***PASS
TEST	32635	ALPG	(164)	PDS PDRE/PCPE SELECT CHECK 2	***PASS

TEST	33010	FT	(101)	CHANNEL ASSIGN CHECK	***PASS
TEST	33012	FT	(101)	REGISTER MARCHING CHECK	***PASS
TEST	33013	FT	(101)	PARALLEL REGISTER CHECK	***PASS
TEST	33014	FT	(101)	REGISTER MARCHING CHECK 2	***PASS
TEST	33019	FT	(101)	CHILD SEL REG R/W CHECK	***PASS
TEST	33021	FT	(102)	HR REGISTER MARCHING CHECK 1	***PASS
TEST	33025	FT	(102)	HR REGISTER MARCHING CHECK 2	***PASS
TEST	33026	FT	(102)	HR REGISTER MARCHING CHECK 3	***PASS
TEST	33027	FT	(102)	HR REGISTER MARCHING CHECK 4	***PASS
TEST	33028	FT	(102)	HR REGISTER MARCHING CHECK 5	***PASS
TEST	33031	FT	(103)	RATE MEMORY MARCHING CHECK	***PASS
TEST	33033	FT	(103)	CLOCK MEMORY MARCHING CHECK	***PASS
TEST	33035	FT	(103)	PIN DFM MEMORY MARCHING CHECK	***PASS
TEST	33037	FT	(103)	DIAG COUNTER MEMORY MARCHING CHECK	***PASS
TEST	33039	FT	(103)	MSTRB RESOLUTION MEMORY MARCHING CHECK	***PASS
TEST	33040	FT	(104)	DFM BURST CHECK 1	***PASS
TEST	33041	FT	(104)	DFM BURST CHECK 2	***PASS
TEST	33042	FT	(104)	DFM BURST CHECK 3	***PASS
TEST	33043	FT	(104)	MSTRB RESOLUTION MEMORY BURST CHECK	***PASS
TEST	33045	FT	(104)	DFM BIST CHECK (DONE)	***PASS
TEST	33046	FT	(104)	DFM BIST CHECK (FAIL)	***PASS
TEST	33048	FT	(104)	MSTRB RESOLUTION MEMORY BIST CHECK (DONE)	***PASS
TEST	33049	FT	(104)	MSTRB RESOLUTION MEMORY BIST CHECK (FAIL)	***PASS
TEST	33051	FT	(105)	DQS MRAM BIST CHECK (DONE)	***PASS
TEST	33052	FT	(105)	DQS MRAM BIST CHECK (FAIL)	***PASS
TEST	33054	FT	(105)	MSTRB RESOLUTION DATA SET SEQ CHECK (DONE)	***PASS
TEST	33055	FT	(105)	MSTRB RESOLUTION DATA SET SEQ CHECK (BUSY)	***PASS
TEST	33060	FT	(106)	CHANNEL ASSIGN RESET CHECK	***PASS
TEST	33061	FT	(106)	LOGIC REGISTER RESET CHECK1	***PASS
TEST	33062	FT	(106)	PARALLEL REGISTER RESET CHECK	***PASS
TEST	33063	FT	(106)	LOGIC REGISTER RESET CHECK2	***PASS
TEST	33064	FT	(106)	PIN GROUP DATA RESET CHECK	***PASS
TEST	33066	FT	(106)	HR REGISTER RESET CHECK	***PASS
TEST	33067	FT	(106)	LOGIC REGISTER RESET CHECK3 (TRIGGER MODE)	***PASS
TEST	33070	FT	(107)	RATE MEMORY RESET CHECK	***PASS
TEST	33071	FT	(107)	CLOCK MEMORY RESET CHECK	***PASS

TEST	33072	FT	(107)	PIN DFM MEMORY RESET CHECK	***PASS
TEST	33073	FT	(107)	DIAG COUNTER MEMORY RESET CHECK	***PASS
TEST	33074	FT	(107)	MSTRB RESOLUTION MEMORY RESET CHECK	***PASS
TEST	33080	FT	(108)	PIN DEFINE CLK MEMORY R/W CHECK	***PASS
TEST	33081	FT	(108)	PIN DEFINE LOGIC REGISTER R/W CHECK	***PASS
TEST	33082	FT	(108)	PIN GROUP DATA R/W CHECK	***PASS
TEST	33083	FT	(108)	PIN GROUP CLK MEMORY R/W CHECK	***PASS
TEST	33084	FT	(108)	PIN GROUP LOGIC REGISTER R/W CHECK	***PASS
TEST	33085	FT	(108)	PIN DEFINE GROUP COMBINATION CHECK	***PASS
TEST	33110	FT	(111)	TG/PAT INPUT CHECK	***PASS
TEST	33120	FT	(112)	RATE MEMORY TIMING SET ACCESS BIT CHECK	***PASS
TEST	33121	FT	(112)	RATE MEMORY TIMING SET ACCESS ADDRESS CHECK	***PASS
TEST	33122	FT	(112)	RATE DATA ADDER CHECK (4WAY)	***PASS
TEST	33123	FT	(112)	RATE DATA PHASE ACCUMULATOR CHECK (4WAY)	***PASS
TEST	33124	FT	(112)	RATE GATED CONTROL CHECK (4WAY)	***PASS
TEST	33125	FT	(112)	RATE DATA ADDER CHECK (2WAY)	***PASS
TEST	33126	FT	(112)	RATE DATA PHASE ACCUMULATOR CHECK (2WAY)	***PASS
TEST	33127	FT	(112)	RATE GATED CONTROL CHECK (2WAY)	***PASS
TEST	33130	FT	(113)	RATE DATA ADDER CHECK (1WAY)	***PASS
TEST	33131	FT	(113)	RATE DATA PHASE ACCUMULATOR CHECK (1WAY)	***PASS
TEST	33132	FT	(113)	RATE GATED CONTROL CHECK (1WAY)	***PASS
TEST	33133	FT	(113)	GATE CONTROL CHECK	***PASS
TEST	33134	FT	(113)	ENDRATE CONTROL CHECK	***PASS
TEST	33135	FT	(113)	SC RATE SHIFT CHECK	***PASS
TEST	33136	FT	(113)	SC RATE DATA FIFO CHECK	***PASS
TEST	33137	FT	(113)	SC GATED DATA FIFO CHECK	***PASS
TEST	33140	FT	(114)	CLOCK MEMORY TIMING SET ACCESS BIT CHECK	***PASS
TEST	33141	FT	(114)	CLOCK MEMORY TIMING SET ACCESS ADDRESS CHECK	***PASS
TEST	33142	FT	(114)	TG CLOCK DATA ADDER CHECK1	***PASS
TEST	33143	FT	(114)	TG CLOCK DATA ADDER CHECK2	***PASS
TEST	33144	FT	(114)	TG OPEN CONTROL CHECK	***PASS
TEST	33150	FT	(115)	TG CLOCK DATA LOAD CHECK	***PASS
TEST	33151	FT	(115)	TG SET/RST DATA LINE CHECK	***PASS
TEST	33152	FT	(115)	TG SET/RST DATA CONTROL CHECK	***PASS
TEST	33153	FT	(115)	TG COUNTER LOWER COUNT CHECK	***PASS
TEST	33154	FT	(115)	TG COUNTER UPPER COUNT CHECK	***PASS

TEST	33155	FT	(115)	TG MAX CLOCK GENERATION CHECK1	***PASS
TEST	33156	FT	(115)	TG MAX CLOCK GENERATION CHECK2	***PASS
TEST	33160	FT	(116)	TG CAL DATA ADDER CHECK	***PASS
TEST	33161	FT	(116)	TG OFFSET CAL ADDER CHECK	***PASS
TEST	33162	FT	(116)	TG CAL/OFFSET CAL DATA ADDER CHECK	***PASS
TEST	33163	FT	(116)	TG CAL SHIFT DELAY CHECK	***PASS
TEST	33164	FT	(116)	DRZFW WAVE PULSE DELAY CHECK	***PASS
TEST	33165	FT	(116)	DRZ WAVE DELAY CHECK	***PASS
TEST	33170	FT	(117)	TG DATA FIX CONTROL CHECK	***PASS
TEST	33171	FT	(117)	TG RATE FIX CONTROL CHECK	***PASS
TEST	33172	FT	(117)	TG PAT LEVEL FIX CONTROL CHECK	***PASS
TEST	33173	FT	(117)	TG EDGE INDEPENDENCE CHECK1	***PASS
TEST	33174	FT	(117)	TG EDGE INDEPENDENCE CHECK2	***PASS
TEST	33177	FT	(117)	TG FREERUN RATE SELECT CHECK1	***PASS
TEST	33178	FT	(117)	TG FREERUN RATE SELECT CHECK2	***PASS
TEST	33180	FT	(118)	FC DATA CYCLE SHIFT CHECK1 (PAT/DRE 4WAY)	***PASS
TEST	33181	FT	(118)	FC DATA CYCLE SHIFT CHECK2 (EXP/CPE 4WAY)	***PASS
TEST	33182	FT	(118)	FC DATA CYCLE SHIFT CHECK3 (DBMINH 4WAY)	***PASS
TEST	33183	FT	(118)	FC DATA CYCLE SHIFT CHECK4 (PAT/DRE 2WAY)	***PASS
TEST	33184	FT	(118)	FC DATA CYCLE SHIFT CHECK5 (EXP/CPE 2WAY)	***PASS
TEST	33185	FT	(118)	FC DATA CYCLE SHIFT CHECK6 (DBMINH 2WAY)	***PASS
TEST	33186	FT	(118)	FC DATA CYCLE SHIFT CHECK7 (PAT/DRE 1WAY)	***PASS
TEST	33187	FT	(118)	FC DATA CYCLE SHIFT CHECK8 (EXP/CPE 1WAY)	***PASS
TEST	33188	FT	(118)	FC DATA CYCLE SHIFT CHECK9 (DBMINH 1WAY)	***PASS
TEST	33190	FT	(119)	FC DR/DRE INIT CONTROL CHECK	***PASS
TEST	33191	FT	(119)	FC DR/DRE FIX CONTROL CHECK	***PASS
TEST	33192	FT	(119)	FC DR/DRE DIAG RELAY CONTROL CHECK	***PASS
TEST	33193	FT	(119)	FC DR/DRE RELAY CONTROL CHECK	***PASS
TEST	33194	FT	(119)	FC DR/DRE RELAY CONTROL INDEPENDENCE CHECK	***PASS
TEST	33200	FT	(120)	FC DR WAVE MODE CHECK (4WAY)	***PASS
TEST	33201	FT	(120)	FC DRE WAVE MODE CHECK (4WAY)	***PASS
TEST	33202	FT	(120)	FC TERM WAVE MODE CHECK (4WAY)	***PASS
TEST	33203	FT	(120)	FC DR PROXIMITY RELAXATION INHI CHECK (4WAY)	***PASS
TEST	33204	FT	(120)	FC DRE PROXIMITY RELAXATION INHI CHECK (4WAY)	***PASS
TEST	33205	FT	(120)	FC DR WAVE MODE CHECK (2WAY)	***PASS
TEST	33206	FT	(120)	FC DRE WAVE MODE CHECK (2WAY)	***PASS

TEST	33207	FT	(120)	FC TERM WAVE MODE CHECK (2WAY)	***PASS
TEST	33208	FT	(120)	FC DR PROXIMITY RELAXATION INHI CHECK(2WAY)	***PASS
TEST	33209	FT	(120)	FC DRE PROXIMITY RELAXATION INHI CHECK(2WAY)	***PASS
TEST	33210	FT	(121)	FC DR WAVE MODE CHECK (1WAY)	***PASS
TEST	33211	FT	(121)	FC DRE WAVE MODE CHECK (1WAY)	***PASS
TEST	33212	FT	(121)	FC TERM WAVE MODE CHECK (1WAY)	***PASS
TEST	33213	FT	(121)	FC DR PROXIMITY RELAXATION INHI CHECK(1WAY)	***PASS
TEST	33214	FT	(121)	FC DRE PROXIMITY RELAXATION INHI CHECK(1WAY)	***PASS
TEST	33215	FT	(121)	FC STRB WAVE MODE CHECK	***PASS
TEST	33220	FT	(122)	FC BANK MODE CONTROL CHECK	***PASS
TEST	33221	FT	(122)	FC WAVEFORM FIX CONTROL CHECK	***PASS
TEST	33225	FT	(122)	FC TRIGMODE PAT SELECT CHECK	***PASS
TEST	33230	FT	(123)	FC HDCLR HOLD CONTINUE CHECK	***PASS
TEST	33231	FT	(123)	FC HDCLR BURST CONTROL CHECK	***PASS
TEST	33232	FT	(123)	FC HDCLR PAUSE CONTROL CHECK	***PASS
TEST	33300	FT	(130)	DIAG COUNTER INDIVIDUAL CHECK	***PASS
TEST	33301	FT	(130)	DIAG COUNTER DIVIDER CHECK	***PASS
TEST	33302	FT	(130)	DIAG COUNTER SCALER CHECK	***PASS
TEST	33303	FT	(130)	DIAG COUNTER SEQUENCE CHECK	***PASS
TEST	33304	FT	(130)	DIAG COUNTER CALCULATION CHECK 1 (OFFSET)	***PASS
TEST	33305	FT	(130)	DIAG COUNTER CALCULATION CHECK 2 (DIFF 1)	***PASS
TEST	33306	FT	(130)	DIAG COUNTER CALCULATION CHECK 3 (DIFF 2)	***PASS
TEST	33307	FT	(130)	DIAG COUNTER CLEAR INH CHECK	***PASS
TEST	33310	FT	(131)	LOGIC LOOP OUT CONTROL CHECK	***PASS
TEST	33311	FT	(131)	LOGIC LOOP MUX SELECT CHECK	***PASS
TEST	33312	FT	(131)	RXPCLK LOOP MUX SELECT CHECK	***PASS
TEST	33313	FT	(131)	LREFCLK PULSE WIDTH CHECK	***PASS
TEST	33314	FT	(131)	RXPCLK VD DELAY CHECK	***PASS
TEST	33400	FT	(140)	PLL/ROSC LOOP OUT CONTROL CHECK	***PASS
TEST	33401	FT	(140)	PLL/ROSC CONTROL CHECK	***PASS
TEST	33402	FT	(140)	PLL PERIOD CHECK	***PASS
TEST	33404	FT	(140)	PLL VOLTAGE STABLE CHECK	***PASS
TEST	33410	FT	(141)	CDLL LOOP OUT DIVIDER CHECK	***PASS
TEST	33411	FT	(141)	CDLL LOOP MUX SELECT CHECK (TG)	***PASS
TEST	33412	FT	(141)	CDLL LOOP MUX SELECT CHECK (HSIF)	***PASS
TEST	33413	FT	(141)	CDLL LOOP PULSER BIT DELAY CHECK	***PASS

TEST	33414	FT	(141)	CDLL TUNE OUT VD BIT DELAY CHECK	***PASS
TEST	33415	FT	(141)	CDLL TRIG PULSER BIT DELAY CHECK	***PASS
TEST	33420	FT	(142)	CDLL COUNTER CHECK (TG)	***PASS
TEST	33421	FT	(142)	CDLL COUNTER CHECK (HSIF)	***PASS
TEST	33422	FT	(142)	CDLL DELAY RANGE CHECK	***PASS
TEST	33424	FT	(142)	CDLL LOCK PERIOD CHECK	***PASS
TEST	33430	FT	(143)	TGVD LOOP MUX SELECT CHECK	***PASS
TEST	33431	FT	(143)	TGVD STRB MUX SELECT CHECK	***PASS
TEST	33432	FT	(143)	TGVD OUTPUT PULSER BIT DELAY CHECK	***PASS
TEST	33440	FT	(144)	TGVD HIGH RESOLUTION DATA LINE CHECK	***PASS
TEST	33441	FT	(144)	TGVD HIGH RESOLUTION DATA PHASE CHECK	***PASS
TEST	33450	FT	(145)	MSTRB LOOP MUX SELECT CHECK	***PASS
TEST	33452	FT	(145)	MSTRB TCOMP CHECK	***PASS
TEST	33454	FT	(145)	MSTRB HEATER CONTROL CHECK	***PASS
TEST	33500	FT	(150)	SC DATA LINE CHECK1(32WAY FIFO DATA)	***PASS
TEST	33501	FT	(150)	SC DATA LINE CHECK2(32WAY FIFO DELAY)	***PASS
TEST	33502	FT	(150)	SC DATA LINE CHECK3(13WAY FIFO DATA)	***PASS
TEST	33503	FT	(150)	SC DATA LINE CHECK4(13WAY FIFO DELAY)	***PASS
TEST	33510	FT	(151)	SC LOGIC COMPARE CHECK1(EXP/CPE/RHZ SELECT)	***PASS
TEST	33511	FT	(151)	SC LOGIC COMPARE CHECK2(EXP FUNCTION)	***PASS
TEST	33512	FT	(151)	SC LOGIC COMPARE CHECK3(OPEN FUNCTION)	***PASS
TEST	33514	FT	(151)	SC MASK FUNCTION CHECK(SC/CP/STATION SEL)	***PASS
TEST	33515	FT	(151)	SC PASS DETECTION CHECK	***PASS
TEST	33516	FT	(151)	SC LOGIC COMPARE CHECK5(RHZ 4WAY FUNCTION)	***PASS
TEST	33517	FT	(151)	SC LOGIC COMPARE CHECK6(RHZ 2WAY FUNCTION)	***PASS
TEST	33518	FT	(151)	SC LOGIC COMPARE CHECK7(RHZ 1WAY FUNCTION)	***PASS
TEST	33520	FT	(152)	SC FT MFHMFL 8WAY FIFO CHECK	***PASS
TEST	33521	FT	(152)	SC FT MFHMFL 4WAY MODE CHECK	***PASS
TEST	33522	FT	(152)	SC FT MFHMFL 2WAY MODE CHECK	***PASS
TEST	33523	FT	(152)	SC FT MFHMFL 1WAY MODE CHECK	***PASS
TEST	33530	FT	(153)	SC FT 256WAY FIFO CHECK	***PASS
TEST	33531	FT	(153)	SC FT 256WAY FIFO DELAY CHECK	***PASS
TEST	33532	FT	(153)	SC FT MFHMFL ENCODE DATA CHECK	***PASS
TEST	33533	FT	(153)	SC FT MFHMFL ENCODE DATA MASK CHECK	***PASS
TEST	33540	FT	(154)	SC DQS LINK DATA MUX CHECK	***PASS
TEST	33541	FT	(154)	SC DQS LINK XPOINT DATA CHECK	***PASS

TEST	33542	FT	(154)	SC DQS LINK DATA OUT CHECK	***PASS
TEST	33543	FT	(154)	SC DQS LINK DATA INPUT LINE CHECK	***PASS
TEST	33544	FT	(154)	SC DQS LINK DATA INPUT FIFO CHECK	***PASS
TEST	33546	FT	(154)	SC DQS VS DQ 256WAY FIFO CHECK	***PASS
TEST	33547	FT	(154)	SC DQS LINK TIMING SELECT CHECK	***PASS
TEST	33550	FT	(155)	SC DQS SIMPLE FUNCTION CHECK1	***PASS
TEST	33551	FT	(155)	SC DQS SIMPLE FUNCTION CHECK2(CPD MODE)	***PASS
TEST	33552	FT	(155)	SC DQS SIMPLE FUNCTION CHECK3(32MODE)	***PASS
TEST	33553	FT	(155)	SC DQS TRTF FUNCTION CHECK1	***PASS
TEST	33555	FT	(155)	SC DQS TRTF FUNCTION CHECK3(32MODE)	***PASS
TEST	33556	FT	(155)	SC DQS OUT TIMING FUNCTION CHECK-1(SINGLE)	***PASS
TEST	33557	FT	(155)	SC DQS OUT TIMING FUNCTION CHECK-2(XPOINT)	***PASS
TEST	33558	FT	(155)	SC DQS OUT TIMING FUNCTION CHECK-3(SINGLE32)	***PASS
TEST	33559	FT	(155)	SC DQS OUT TIMING FUNCTION CHECK-4(XPOINT32)	***PASS
TEST	33560	FT	(156)	SC DQS CYCLE TO CYCLE CHECK-1(SELECT CHECK)	***PASS
TEST	33561	FT	(156)	SC DQS CYCLE TO CYCLE CHECK-2(DATA CHECK)	***PASS
TEST	33562	FT	(156)	SC DQS CYCLE TO CYCLE CHECK-3(LIMIT CHECK)	***PASS
TEST	33563	FT	(156)	SC DQS VS DQ FUNCTION CHECK-1(DATA CHECK)	***PASS
TEST	33564	FT	(156)	SC DQS VS DQ FUNCTION CHECK-2(LIMIT CHECK)	***PASS
TEST	33565	FT	(156)	SC DQS VS DQ FUNCTION CHECK-3(FAIL STUCK)	***PASS
TEST	33566	FT	(156)	SC DQS VS DQ FUNCTION CHECK-4(32MODE)	***PASS
TEST	33570	FT	(157)	SC DQS COUNTER FUNCTION CHECK1	***PASS
TEST	33571	FT	(157)	SC DQS COUNTER FUNCTION CHECK2(SKEW COUNT)	***PASS
TEST	33572	FT	(157)	SC DQS SEQUENCER PASSFAIL READ CHECK1	***PASS
TEST	33573	FT	(157)	SC DQS SEQUENCER PASSFAIL READ CHECK2	***PASS
TEST	33574	FT	(157)	SC DQS SEQUENCER PASSFAIL MASK CHECK	***PASS
TEST	33575	FT	(157)	SC DQS SEQUENCER DATA READ CHECK1	***PASS
TEST	33576	FT	(157)	SC DQS SEQUENCER DATA READ CHECK2	***PASS
TEST	33577	FT	(157)	SC DQS SEQUENCER DATA STACK CHECK	***PASS
TEST	33578	FT	(157)	SC DQS SEQUENCER WINDOW READ CHECK1	***PASS
TEST	33579	FT	(157)	SC DQS SEQUENCER WINDOW READ CHECK2	***PASS
TEST	33600	FT	(160)	SC LCOMP FAIL STUCK CHECK	***PASS
TEST	33601	FT	(160)	SC DQSFT FAIL STUCK CHECK	***PASS
TEST	33602	FT	(160)	SC FAIL STUCK RESET CHECK	***PASS
TEST	33603	FT	(160)	SC ORFAIL LOGIC CONTROL CHECK1	***PASS
TEST	33604	FT	(160)	SC ORFAIL LOGIC CONTROL CHECK2	***PASS

TEST	33606	FT	(160)	SC DQS FAIL DATA READ CHECK	***PASS
TEST	33610	FT	(161)	SC FAIL COUNTER CHECK1 (COUNT)	***PASS
TEST	33611	FT	(161)	SC FAIL COUNTER CHECK2 (LIMIT)	***PASS
TEST	33612	FT	(161)	SC FAIL COUNTER CHECK2 (FLAG)	***PASS
TEST	33613	FT	(161)	SC DFM STORE CHECK1 (DATA STORE)	***PASS
TEST	33614	FT	(161)	SC DFM STORE CHECK2 (AP CLEAR)	***PASS
TEST	33615	FT	(161)	SC ENDRATE FUNCTION CHECK	***PASS
TEST	33616	FT	(161)	SC HOLD/CONTINUE CHECK	***PASS
TEST	33617	FT	(161)	SC PAUSE CHECK	***PASS
TEST	33700	FT	(170)	ANDFAIL FAIL DATA LINE CHECK	***PASS
TEST	33701	FT	(170)	ALL DEVICE FAIL CHECK 01 (01 BIT MODE)	***PASS
TEST	33702	FT	(170)	ALL DEVICE FAIL CHECK 02 (04 BIT MODE)	***PASS
TEST	33703	FT	(170)	ALL DEVICE FAIL CHECK 03 (08 BIT MODE)	***PASS
TEST	33704	FT	(170)	ALL DEVICE FAIL CHECK 04 (09 BIT MODE)	***PASS
TEST	33705	FT	(170)	ALL DEVICE FAIL CHECK 05 (10 BIT MODE)	***PASS
TEST	33706	FT	(170)	ALL DEVICE FAIL CHECK 06 (12 BIT MODE)	***PASS
TEST	33707	FT	(170)	ALL DEVICE FAIL CHECK 07 (16 BIT MODE)	***PASS
TEST	33708	FT	(170)	ALL DEVICE FAIL CHECK 08 (18 BIT MODE)	***PASS
TEST	33709	FT	(170)	ALL DEVICE FAIL CHECK 09 (20 BIT MODE)	***PASS
TEST	33710	FT	(170)	ALL DEVICE FAIL CHECK 10 (24 BIT MODE)	***PASS
TEST	33711	FT	(170)	ALL DEVICE FAIL CHECK 11 (32 BIT MODE)	***PASS
TEST	33712	FT	(170)	ALL DEVICE FAIL CHECK 12 (36 BIT MODE)	***PASS
TEST	33713	FT	(170)	ALL DEVICE FAIL CHECK 13 (40 BIT MODE)	***PASS
TEST	33714	FT	(170)	ALL DEVICE FAIL CHECK 14 (48 BIT MODE)	***PASS
TEST	33715	FT	(170)	ALL DEVICE FAIL CHECK 15 (64A BIT MODE)	***PASS
TEST	33716	FT	(170)	ALL DEVICE FAIL CHECK 16 (64B BIT MODE)	***PASS
TEST	33717	FT	(170)	ALL DEVICE FAIL CHECK 17 (72A BIT MODE)	***PASS
TEST	33718	FT	(170)	ALL DEVICE FAIL CHECK 18 (72B BIT MODE)	***PASS
TEST	33719	FT	(170)	ALL DEVICE FAIL CHECK 19 (96A BIT MODE)	***PASS
TEST	33720	FT	(170)	ALL DEVICE FAIL CHECK 20 (96B BIT MODE)	***PASS
TEST	33721	FT	(171)	ANDFAIL FAIL DATA CHECK	***PASS
TEST	33722	FT	(171)	ANDFAIL PATTERN STOP CHECK	***PASS
TEST	35101	TH	(101)	TH STATUS READ CHECK	***PASS
TEST	35102	TH	(101)	TH BOARD SENSE CHECK	***PASS
TEST	35103	TH	(101)	THCONT REG R/W CHECK	***PASS
TEST	35104	TH	(101)	THCONT PIN DEFINE TABLE CHECK	***PASS

TEST	35105	TH	(101)	THCONT REG RESET CHECK	***PASS
TEST	35106	TH	(101)	CH ASSIGN READ CHECK	***PASS
TEST	35107	TH	(101)	REGISTER R/W CHECK	***PASS
TEST	35108	TH	(101)	PER PIN MW R/W CHECK	***PASS
TEST	35109	TH	(101)	ALL PIN MW R/W CHECK	***PASS
TEST	35110	TH	(101)	CHILD SET MW R/W CHECK	***PASS
TEST	35111	TH	(101)	INIT MW SET R/W CHECK	***PASS
TEST	35112	TH	(101)	MASK/DCPARA SET R/W CHECK	***PASS
TEST	35113	TH	(101)	PIN DEFINE TABLE R/W CHECK	***PASS
TEST	35114	TH	(101)	PIN GROUP TABLE R/W CHECK	***PASS
TEST	35115	TH	(101)	TH DIAG READ MW CHECK	***PASS
TEST	35116	TH	(101)	THDIST REG R/W CHECK	***PASS
TEST	35117	TH	(101)	VIO CLEAR/TBRST RESET CHECK	***PASS
TEST	35118	TH	(101)	STNSEL RESET CHECK	***PASS
TEST	35119	TH	(101)	VIO BUSY CHECK	***PASS

T5503A SYSTEM DIAGNOSTICS END 2020/09/07 11:50:11 (OP TIME=01:22:35) ***PASS

200907_DIAG-test_1-Stn1-S0004

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*****
**      T5503A  SYSTEM DIAGNOSTICS                               **
**      FutureSuite REVISION : 4.08H1                           **
**      DIAG      REVISION : 3.02A1                               **
**      SYSTEM ID      : A2                                       **
**      SITE          : 4                                           **
**      USER          : test                                       **
**      CAUSE          : USERACTION(MAINTEN)                       **
**      START AT      : 2020/09/07 10:27:36                         **
**
**
**      TEST MODE : MAINTENANCE & PASS PRINT                       **
**      SPEC      : 100.0 %                                         **
**      PIN NO.   : 1-30, 33-56, 65-94, 97-120, 129-158, 161-184,   **
**                : 193-222, 225-248, 257-262, 264-269, 321-326,   **
**                : 328-333, 385-390, 392-397, 449-454, 456-461   **
**      UNIT      : TP      101-199                                  **
**                : PB      101-199                                  **
**                : DPU     1-99, 101-199                          **
**                : ALPG    1-99, 101-199                          **
**                : FT      1-99, 101-199                          **
**                : TH      101                                      **
**
*****
*****
**      TH TYPE      : 8448CH                                       **
**      SITE CONFIGURATION                               **
**      EXIST        : 1-4                                           **
**      EXECUTE      : 1-4                                           **
**      BOARD CONFIGURATION                               **
**      -----+-----+-----+-----+----- **
**      SLOT        | SERIAL NO. | REV | NOTES                               **
**      -----+-----+-----+-----+----- **
**      PE1A1       | 002997244 | BBC | PE   BOARD                               **
**      PE7A1       | 002998319 | BBC | PE   BOARD                               **
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**          PE13A1      | 002997246 | BBC | PE   BOARD      **
**          PE65A1      | 002996768 | BBC | PE   BOARD      **
**          PE71A1      | 002997253 | BBC | PE   BOARD      **
**          PE77A1      | 002988196 | BBC | PE   BOARD      **
**          PE1C1       | 002966981 | BAC | PE   BOARD      **
**          PE7C1       | 002998307 | BBC | PE   BOARD      **
**          PE13C1      | 003044544 | BBC | PE   BOARD      **
**          PE65C1      | 002997239 | BBC | PE   BOARD      **
**          PE71C1      | 002997242 | BBC | PE   BOARD      **
**          PE77C1      | 002997236 | BBC | PE   BOARD      **
**          OPPEA1      | 003021284 | ACC | PE   BOARD      **
**          OPPEC1      | 003021281 | ACC | PE   BOARD      **
**          -----+-----+-----+-----+----- **
**          DCPPS1      | 003021174 | CFA |         **
**          DCPPS2      | 003021175 | CFA |         **
**          DCPPS3      | 003020925 | CFA |         **
**          DCPPS4      | 003021171 | CFA |         **
**          OPPPS       | 003044528 | CFA |         **
**          -----+-----+-----+-----+----- **
**          THDIST      | 002999668 | BCC |         **
**          -----+-----+-----+-----+----- **
**          PLL         | 003020944 | AHA |         **
**          -----+-----+-----+-----+----- **
**          SYSMONI     | 003021042 | ADA |         **
**          -----+-----+-----+-----+----- **
**          2(TPU)      | 003021039 | AHA | TBUS IF BOARD  **
**          -----+-----+-----+-----+----- **
**          PB MOUNT CONDITION **
**          MOTHER BOARD : 512PARA TYPE **
**          SOCKET BOARD : DIAG BOARD **

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TEST 10000 TP (101) TP TIMER READ MODIFY WRITE CHECK      ***PASS
TEST 10001 TP (101) TP TIMER RESET CHECK                   ***PASS
TEST 10002 TP (101) TP TIMER START STOP CHECK              ***PASS
TEST 10003 TP (101) TP TIMER BUSY STATUS CHECK             ***PASS
TEST 10004 TP (101) TP TIMER DONE STATUS CHECK             ***PASS

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TEST	10005	TP	(101)	TP TIMER STATUS CLEAR CHECK	***PASS
TEST	10006	TP	(101)	TP TIMER COUNT CHECK	***PASS
TEST	10007	TP	(101)	TP TIMER COUNT VALUE CHECK	***PASS
TEST	10008	TP	(101)	TP TIMER SYNC MODE CHECK	***PASS
TEST	10009	TP	(101)	TP 64BIT COUNTER RESET CHECK	***PASS
TEST	10010	TP	(101)	TP 64BIT COUNTER START STOP CHECK	***PASS
TEST	10011	TP	(101)	TP 64BIT COUNTER BUSY DONE STATUS CHECK	***PASS
TEST	10012	TP	(101)	TP 64BIT COUNTER STEP CHECK	***PASS
TEST	10013	TP	(101)	TP 64BIT COUNTER COUNT VALUE CHECK	***PASS
TEST	10014	TP	(101)	TP POSTED READ FUNCTION CHECK	***PASS
TEST	10015	TP	(101)	TP BUS ACCESS CHECK	***PASS
TEST	20000	DPU	(1)	DC/PPS W/R	***PASS
TEST	20001	DPU	(1)	DC/PPS INITIALIZE RL MEAS	***PASS
TEST	20100	DPU	(2)	DC W/R	***PASS
TEST	20102	DPU	(2)	DC INITIALIZE SUB DVM	***PASS
TEST	20103	DPU	(2)	DC INITIALIZE VS	***PASS
TEST	20104	DPU	(2)	DC INITIALIZE DIAG CP	***PASS
TEST	20105	DPU	(2)	DC INITIALIZE IM	***PASS
TEST	20107	DPU	(2)	DC INITIALIZE IS	***PASS
TEST	20200	DPU	(3)	PPS W/R	***PASS
TEST	20202	DPU	(3)	PPS INITIALIZE SUB DVM	***PASS
TEST	20203	DPU	(3)	PPS INITIALIZE VS	***PASS
TEST	20204	DPU	(3)	PPS INITIALIZE DIAG CP	***PASS
TEST	20205	DPU	(3)	PPS INITIALIZE IM	***PASS
TEST	20208	DPU	(3)	PPS INITIALIZE VM	***PASS
TEST	22000	ALPG	(1)	INIT ALPG INIT DATA SET	***PASS
TEST	22001	ALPG	(1)	INIT ALPG RCKINH VD ADJUST	***PASS
TEST	22002	ALPG	(1)	INIT ALPG SYNC SIG VD ADJUST	***PASS
TEST	23010	FT	(1)	ACTIVE NOISE CANCELLER ADJUST	***PASS
TEST	23011	FT	(1)	LOOP PULSER ADJUST	***PASS
TEST	23012	FT	(1)	LREF PULSER ADJUST	***PASS
TEST	23020	FT	(2)	ALPG-FT (PE) PAT/CPE/PERIOD DATA ADJUST	***PASS
TEST	23021	FT	(2)	ALPG-FT (THD) PAT/CPE/PERIOD DATA ADJUST	***PASS
TEST	23022	FT	(2)	FT-ALPG (PE) PG/FMORFAIL DATA ADJUST	***PASS
TEST	23030	FT	(3)	INITVD ALPG SORFL ADJUST	***PASS
TEST	23031	FT	(3)	INITVD ALPG MFMORFL ADJUST	***PASS

TEST	23040	FT	(4)	CYCLIC DLL TRIGGER PULSER PRE ADJUST	***PASS
TEST	23041	FT	(4)	CYCLIC DLL ROSC PRE ADJUST	***PASS
TEST	23042	FT	(4)	CYCLIC DLL PHASE DETECTOR PRE ADJUST	***PASS
TEST	23043	FT	(4)	CYCLIC DLL 1/4 PHASE DELAY PRE ADJUST	***PASS
TEST	23044	FT	(4)	TGVD OUTPUT PULSER PRE ADJUST	***PASS
TEST	23045	FT	(4)	TGVD FINE DELAY PRE ADJUST	***PASS
TEST	23046	FT	(4)	MULTISCAN STRB VD PRE ADJUST	***PASS
TEST	23047	FT	(4)	LH HEATER ADJUST	***PASS
TEST	23048	FT	(4)	PROCESS MONITOR	***PASS
TEST	23050	FT	(5)	HIGH RESOLUTION REGULATOR ROSC ADJUST	***PASS
TEST	23051	FT	(5)	HIGH RESOLUTION REGULATOR PLL LOCK	***PASS
TEST	23060	FT	(6)	CYCLIC DLL TRIGGER PULSER ADJUST	***PASS
TEST	23061	FT	(6)	CYCLIC DLL ROSC ADJUST	***PASS
TEST	23062	FT	(6)	CYCLIC DLL PHASE DETECTOR ADJUST	***PASS
TEST	23063	FT	(6)	CYCLIC DLL 1/4 PHASE DELAY ADJUST	***PASS
TEST	23070	FT	(7)	TGVD OUTPUT PULSER ADJUST	***PASS
TEST	23071	FT	(7)	TGVD FINE DELAY ADJUST	***PASS
TEST	23072	FT	(7)	TGVD HEATER ADJUST	***PASS
TEST	23080	FT	(8)	LREFCLK TO HREFCLK ADJUST	***PASS
TEST	23090	FT	(9)	MULTISCAN STRB VD ADJUST	***PASS
TEST	23091	FT	(9)	MULTISCAN STRB STRB1 VS STRB3 MEAS	***PASS
TEST	23201	FT	(20)	HSIF SET PICODE	***PASS
TEST	23202	FT	(20)	HSIF LINK TX TO RX	***PASS
TEST	23204	FT	(20)	HSIF LINK IL TO CORE	***PASS
TEST	23205	FT	(20)	HSIF LINK CYCLE ADJUST	***PASS
TEST	15102	PB	(102)	HGND CONNECTION CHECK	***PASS
TEST	15103	PB	(102)	VS/VB MASK CHECK	***PASS
TEST	15104	PB	(102)	PCON/PCON MASK CHECK	***PASS
TEST	15105	PB	(103)	SIGNAL PIN CONNECTION CHECK	***PASS
TEST	15106	PB	(103)	MB TERM PIN CONNECTION CHECK	***PASS
TEST	15107	PB	(104)	OUTPUT RELAY CHECK	***PASS
TEST	15108	PB	(104)	DC FORCE/SENSE LINE CHECK	***PASS
TEST	15109	PB	(104)	ESD RELAY CHECK	***PASS
TEST	15110	PB	(107)	DC LEAK CHECK	***PASS
TEST	30195	DPU	(126)	DC SUB DVM ACCURACY	***PASS
TEST	30120	DPU	(121)	DC VM ACCURACY	***PASS

TEST	30121	DPU	(121)	DC VS ACCURACY	***PASS
TEST	30122	DPU	(121)	DC IM ACCURACY	***PASS
TEST	30123	DPU	(121)	DC IC ACCURACY	***PASS
TEST	30124	DPU	(122)	DC IS ACCURACY	***PASS
TEST	30125	DPU	(122)	DC VC ACCURACY	***PASS
TEST	30126	DPU	(123)	DC DAC LINEARITY	***PASS
TEST	30143	DPU	(123)	DC IM SETTLING NO_LOAD	***PASS
TEST	30160	DPU	(124)	DC CLAMP ALARM	***PASS
TEST	30161	DPU	(124)	DC GUARD ALARM	***PASS
TEST	30163	DPU	(124)	DC DIAG CP ALARM	***PASS
TEST	30295	DPU	(136)	PPS SUB DVM ACCURACY	***PASS
TEST	30220	DPU	(131)	PPS VM ACCURACY	***PASS
TEST	30221	DPU	(131)	PPS VS ACCURACY	***PASS
TEST	30222	DPU	(131)	PPS IM ACCURACY	***PASS
TEST	30223	DPU	(131)	PPS IC ACCURACY	***PASS
TEST	30226	DPU	(133)	PPS DAC LINEARITY	***PASS
TEST	30243	DPU	(133)	PPS IM SETTLING NO_LOAD	***PASS
TEST	30260	DPU	(134)	PPS CLAMP ALARM	***PASS
TEST	30262	DPU	(134)	PPS KELVIN ALARM	***PASS
TEST	30263	DPU	(134)	PPS DIAG CP ALARM	***PASS
TEST	30265	DPU	(135)	PPS PARA_R	***PASS
TEST	32000	ALPG	(101)	REGISTER R/W CHECK 1 (ALL)	***PASS
TEST	32001	ALPG	(101)	REGISTER R/W CHECK 2 (REGISTER FILE)	***PASS
TEST	32002	ALPG	(101)	REGISTER R/W CHECK 3 (IDX1-8)	***PASS
TEST	32003	ALPG	(101)	REGISTER R/W CHECK 4 (IDXLR1-16)	***PASS
TEST	32004	ALPG	(101)	REGISTER R/W CHECK 5 (RWP_SEL)	***PASS
TEST	32006	ALPG	(101)	TESTER BUS RESET CHECK	***PASS
TEST	32007	ALPG	(101)	PG RESET CHECK	***PASS
TEST	32010	ALPG	(102)	ALPG MEMORY SELECT CHECK	***PASS
TEST	32011	ALPG	(102)	WCS0-34 R/W CHECK	***PASS
TEST	32012	ALPG	(102)	BURST SCRAM R/W CHECK	***PASS
TEST	32013	ALPG	(102)	ARIRAM R/W CHECK	***PASS
TEST	32014	ALPG	(102)	CBM R/W CHECK 1	***PASS
TEST	32015	ALPG	(102)	DBM R/W CHECK 1	***PASS
TEST	32016	ALPG	(102)	CBM R/W CHECK 2 (LINK MODE)	***PASS
TEST	32017	ALPG	(102)	DBM R/W CHECK 2 (LINK MODE)	***PASS

TEST	32018	ALPG	(102)	DFM R/W CHECK	***PASS
TEST	32020	ALPG	(103)	MEMORY DIAG PRE-CHK 1 (INITIAL WRITE)	***PASS
TEST	32021	ALPG	(103)	MEMORY DIAG PRE-CHK 2 (READ MODIFY WRITE)	***PASS
TEST	32022	ALPG	(103)	MEMORY DIAG PRE-CHK 3 (FL ADDR/FL DT)	***PASS
TEST	32023	ALPG	(103)	WCS0-34 DIAG R/W CHECK	***PASS
TEST	32024	ALPG	(103)	BURST SCRAM DIAG R/W CHECK	***PASS
TEST	32025	ALPG	(103)	ARIRAM DIAG R/W CHECK	***PASS
TEST	32026	ALPG	(103)	DBM DIAG R/W CHECK	***PASS
TEST	32027	ALPG	(103)	DFM DIAG R/W CHECK	***PASS
TEST	32030	ALPG	(104)	WCS0-34 BURST R/W CHECK	***PASS
TEST	32031	ALPG	(104)	BURST SCRAM BURST R/W CHECK	***PASS
TEST	32032	ALPG	(104)	ARIRAM BURST R/W CHECK	***PASS
TEST	32033	ALPG	(104)	CBM BURST R/W CHECK	***PASS
TEST	32034	ALPG	(104)	DBM BURST R/W CHECK	***PASS
TEST	32035	ALPG	(104)	DFM BURST R/W CHECK	***PASS
TEST	32040	ALPG	(105)	UNIVERSAL COUNTER CLEAR CHECK	***PASS
TEST	32041	ALPG	(105)	STA(START PC) BIT CHECK	***PASS
TEST	32042	ALPG	(105)	PG STOP/PG RESET CHECK	***PASS
TEST	32043	ALPG	(105)	PC NOP INSTRUCTION CHECK	***PASS
TEST	32044	ALPG	(105)	PC JMP INSTRUCTION CHECK	***PASS
TEST	32045	ALPG	(105)	PC STPS INSTRUCTION CHECK	***PASS
TEST	32046	ALPG	(105)	PC STFL INSTRUCTION CHECK	***PASS
TEST	32047	ALPG	(105)	PC & TEST LINE CHECK	***PASS
TEST	32048	ALPG	(105)	PC NOP/JMP CHECK	***PASS
TEST	32049	ALPG	(105)	PC NOP/RTN CHECK	***PASS
TEST	32050	ALPG	(106)	PC JMP/RTN CHECK	***PASS
TEST	32051	ALPG	(106)	PC JSR/RTN INSTRUCTION CHECK	***PASS
TEST	32052	ALPG	(106)	PC SUBROUTINE STACK BIT CHECK	***PASS
TEST	32053	ALPG	(106)	PC STACK ERROR(STACK OVER/UNDER) CHECK	***PASS
TEST	32054	ALPG	(106)	PC STI1-8 INSTRUCTION CHECK	***PASS
TEST	32055	ALPG	(106)	PC INC1-8 INSTRUCTION CHECK	***PASS
TEST	32056	ALPG	(106)	PC LD11-8 INSTRUCTION CHECK 1	***PASS
TEST	32057	ALPG	(106)	PC LD11-8 INSTRUCTION CHECK 2	***PASS
TEST	32058	ALPG	(106)	PC IDX11-8 INSTRUCTION CHECK	***PASS
TEST	32060	ALPG	(107)	PC JN11-8 INSTRUCTION CHECK 1 (JNI .-1)	***PASS
TEST	32061	ALPG	(107)	PC JN11-8 INSTRUCTION CHECK 2 (JNI .)	***PASS

TEST	32062	ALPG	(107)	PC	JN11-8	INSTRUCTION CHECK 3 (ZERO FLAG)	***PASS
TEST	32063	ALPG	(107)	PC	JZD	INSTRUCTION CHECK	***PASS
TEST	32064	ALPG	(107)	PC	STISP	INSTRUCTION CHECK	***PASS
TEST	32065	ALPG	(107)	PC	JNC1-16	INSTRUCTION CHECK	***PASS
TEST	32066	ALPG	(107)	PC	WAIT	INSTRUCTION CHECK	***PASS
TEST	32067	ALPG	(107)	PC	OUT1	INSTRUCTION CHECK	***PASS
TEST	32068	ALPG	(107)	PC	T/TM1-4	INSTRUCTION CHECK	***PASS
TEST	32070	ALPG	(108)	PC	OUT2-JCZ	INSTRUCTION CHECK	***PASS
TEST	32071	ALPG	(108)	PC	IDX11-8	DATA LOAD TIMING CHECK	***PASS
TEST	32072	ALPG	(108)	PC	IDX11-8	DATA READ TIMING CHECK	***PASS
TEST	32073	ALPG	(108)	PC		INSTRUCTION COMBINATION CHECK 1	***PASS
TEST	32074	ALPG	(108)	PC		INSTRUCTION COMBINATION CHECK 2	***PASS
TEST	32075	ALPG	(108)	PC	TRACE MODE	INSTRUCTION CHK1 (NOPT/OUT/WAIT)	***PASS
TEST	32076	ALPG	(108)	PC	TRACE MODE	INSTRUCTION CHK2 (JET)	***PASS
TEST	32077	ALPG	(108)	PC	TRACE MODE	INSTRUCTION CHK3 (JCZ)	***PASS
TEST	32078	ALPG	(108)	PC	MAIN BURST MODE	INSTRUCTION CHECK	***PASS
TEST	32080	ALPG	(109)	AGEN	REGISTER	REAL-TIME SET CHECK 1	***PASS
TEST	32081	ALPG	(109)	AGEN	REGISTER	REAL-TIME SET CHECK 2	***PASS
TEST	32082	ALPG	(109)	AGEN	XB	INSTRUCTION CHECK	***PASS
TEST	32083	ALPG	(109)	AGEN	YB	INSTRUCTION CHECK	***PASS
TEST	32084	ALPG	(109)	AGEN	D1A-H	SELECT CHECK	***PASS
TEST	32085	ALPG	(109)	AGEN	D2A-D	SELECT CHECK	***PASS
TEST	32086	ALPG	(109)	AGEN	LOAD D1/D2	INTO XB BIT CHECK	***PASS
TEST	32087	ALPG	(109)	AGEN	LOAD D1/D2	INTO YB BIT CHECK	***PASS
TEST	32088	ALPG	(109)	AGEN	XB-YB	INSTRUCTION CHECK (LINK)	***PASS
TEST	32090	ALPG	(110)	AGEN	XB-ALU	OPERATION FIELD CHECK	***PASS
TEST	32091	ALPG	(110)	AGEN	YB-ALU	OPERATION FIELD CHECK 1	***PASS
TEST	32092	ALPG	(110)	AGEN	YB-ALU	OPERATION FIELD CHECK 2	***PASS
TEST	32100	ALPG	(111)	AGEN	D3	INSTRUCTION CHECK	***PASS
TEST	32101	ALPG	(111)	AGEN	D4	INSTRUCTION CHECK	***PASS
TEST	32102	ALPG	(111)	AGEN	D3-D4	REGISTER LINK CHECK	***PASS
TEST	32103	ALPG	(111)	AGEN	ND1-7	LOAD FUNCTION CHECK	***PASS
TEST	32104	ALPG	(111)	AGEN	BD1-7	LOAD FUNCTION CHECK	***PASS
TEST	32110	ALPG	(112)	AGEN	X-ALU	SOURCE A FIELD CHECK	***PASS
TEST	32111	ALPG	(112)	AGEN	Y-ALU	SOURCE A FIELD CHECK	***PASS
TEST	32112	ALPG	(112)	AGEN	X-ALU	SOURCE B FIELD CHECK	***PASS

TEST	32113	ALPG	(112)	AGEN Y-ALU SOURCE B FIELD CHECK	***PASS
TEST	32120	ALPG	(113)	AGEN X-ALU OPERATION FIELD CHK	***PASS
TEST	32121	ALPG	(113)	AGEN Y-ALU OPERATION FIELD CHK1	***PASS
TEST	32122	ALPG	(113)	AGEN Y-ALU OPERATION FIELD CHK2(LINK CHK 1)	***PASS
TEST	32123	ALPG	(113)	AGEN Y-ALU OPERATION FIELD CHK3(LINK CHK 2)	***PASS
TEST	32124	ALPG	(113)	AGEN Y-ALU OPERATION FIELD CHK4(LINK CHK 3)	***PASS
TEST	32125	ALPG	(113)	AGEN Y-ALU OPERATION FIELD CHK5(LINK CHK 4)	***PASS
TEST	32130	ALPG	(114)	AGEN X-ALU DESTINATION FIELD CHECK 1	***PASS
TEST	32131	ALPG	(114)	AGEN Y-ALU DESTINATION FIELD CHECK 1	***PASS
TEST	32132	ALPG	(114)	AGEN X-ALU DESTINATION FIELD CHECK 2	***PASS
TEST	32133	ALPG	(114)	AGEN Y-ALU DESTINATION FIELD CHECK 2	***PASS
TEST	32134	ALPG	(114)	AGEN X-ALU DESTINATION FIELD CHECK 3	***PASS
TEST	32135	ALPG	(114)	AGEN Y-ALU DESTINATION FIELD CHECK 3	***PASS
TEST	32136	ALPG	(114)	AGEN X-OUT DATA MULTIPLEXER CHECK 1	***PASS
TEST	32137	ALPG	(114)	AGEN Y-OUT DATA MULTIPLEXER CHECK 1	***PASS
TEST	32140	ALPG	(115)	AGEN XB CARRY CHECK	***PASS
TEST	32141	ALPG	(115)	AGEN YB CARRY CHECK	***PASS
TEST	32142	ALPG	(115)	AGEN XC CARRY CHECK	***PASS
TEST	32143	ALPG	(115)	AGEN YC CARRY CHECK	***PASS
TEST	32144	ALPG	(115)	AGEN LMAX<>HMAX INSTRUCTION CHECK	***PASS
TEST	32150	ALPG	(116)	AGEN Z INSTRUCTION CHECK 1	***PASS
TEST	32151	ALPG	(116)	AGEN Z INSTRUCTION CHECK 2	***PASS
TEST	32152	ALPG	(116)	AGEN Z INSTRUCTION CHECK 3	***PASS
TEST	32153	ALPG	(116)	AGEN N INSTRUCTION CHECK	***PASS
TEST	32154	ALPG	(116)	AGEN B INSTRUCTION CHECK	***PASS
TEST	32155	ALPG	(116)	AGEN X ADDRESS MULTIPLEXER CHECK	***PASS
TEST	32156	ALPG	(116)	AGEN Y ADDRESS MULTIPLEXER CHECK	***PASS
TEST	32157	ALPG	(116)	AGEN PGBUS ACCESS CHECK ON PG RUNNING	***PASS
TEST	32160	ALPG	(117)	AGEN XB SET DATA SELECT CHECK	***PASS
TEST	32161	ALPG	(117)	AGEN YB SET DATA SELECT CHECK	***PASS
TEST	32162	ALPG	(117)	AGEN XC SET DATA SELECT CHECK	***PASS
TEST	32163	ALPG	(117)	AGEN YC SET DATA SELECT CHECK	***PASS
TEST	32164	ALPG	(117)	AGEN Z SET DATA SELECT CHECK	***PASS
TEST	32165	ALPG	(117)	AGEN N SET DATA SELECT CHECK	***PASS
TEST	32166	ALPG	(117)	AGEN B SET DATA SELECT CHECK	***PASS
TEST	32170	ALPG	(118)	AGEN XB PG1/2 SELECT CHECK	***PASS

TEST	32171	ALPG	(118)	AGEN	YB	PG1/2	SELECT	CHECK	***PASS	
TEST	32172	ALPG	(118)	AGEN	XC	PG1/2	SELECT	CHECK	***PASS	
TEST	32173	ALPG	(118)	AGEN	YC	PG1/2	SELECT	CHECK	***PASS	
TEST	32174	ALPG	(118)	AGEN	Z	PG1/2	SELECT	CHECK 1	***PASS	
TEST	32175	ALPG	(118)	AGEN	Z	PG1/2	SELECT	CHECK 2	***PASS	
TEST	32176	ALPG	(118)	AGEN	N	PG1/2	SELECT	CHECK 1	***PASS	
TEST	32177	ALPG	(118)	AGEN	N	PG1/2	SELECT	CHECK 2	***PASS	
TEST	32178	ALPG	(118)	AGEN	B	PG1/2	SELECT	CHECK 1	***PASS	
TEST	32179	ALPG	(118)	AGEN	B	PG1/2	SELECT	CHECK 2	***PASS	
TEST	32180	ALPG	(119)	AGEN	X	EVENT	TIME	CONTROL	CHECK	***PASS
TEST	32181	ALPG	(119)	AGEN	Y	EVENT	TIME	CONTROL	CHECK	***PASS
TEST	32182	ALPG	(119)	AGEN	Z	EVENT	TIME	CONTROL	CHECK 1	***PASS
TEST	32183	ALPG	(119)	AGEN	Z	EVENT	TIME	CONTROL	CHECK 2	***PASS
TEST	32184	ALPG	(119)	AGEN	N	EVENT	TIME	CONTROL	CHECK 1	***PASS
TEST	32185	ALPG	(119)	AGEN	N	EVENT	TIME	CONTROL	CHECK 2	***PASS
TEST	32186	ALPG	(119)	AGEN	B	EVENT	TIME	CONTROL	CHECK 1	***PASS
TEST	32187	ALPG	(119)	AGEN	B	EVENT	TIME	CONTROL	CHECK 2	***PASS
TEST	32190	ALPG	(120)	AGEN	/X	INSTRUCTION	CHECK	***PASS		
TEST	32191	ALPG	(120)	AGEN	/Y	INSTRUCTION	CHECK	***PASS		
TEST	32192	ALPG	(120)	AGEN	/Z	INSTRUCTION	CHECK 1	***PASS		
TEST	32193	ALPG	(120)	AGEN	/Z	INSTRUCTION	CHECK 2	***PASS		
TEST	32194	ALPG	(120)	AGEN	X	INVERT	MASK	CHECK	***PASS	
TEST	32195	ALPG	(120)	AGEN	Y	INVERT	MASK	CHECK	***PASS	
TEST	32196	ALPG	(120)	AGEN	Z	INVERT	MASK	CHECK 1	***PASS	
TEST	32197	ALPG	(120)	AGEN	Z	INVERT	MASK	CHECK 2	***PASS	
TEST	32200	ALPG	(121)	AGEN	XMAX	MASK	CHECK	***PASS		
TEST	32201	ALPG	(121)	AGEN	YMAX	MASK	CHECK	***PASS		
TEST	32202	ALPG	(121)	AGEN	X-Z	MULTIPLEXER	CHECK (X-Z	ENABLE)	***PASS	
TEST	32203	ALPG	(121)	AGEN	Y-Z	MULTIPLEXER	CHECK (Y-Z	ENABLE)	***PASS	
TEST	32204	ALPG	(121)	AGEN	X-Z	MULTIPLEXER	CHECK (Z	CONT)	***PASS	
TEST	32205	ALPG	(121)	AGEN	Y-Z	MULTIPLEXER	CHECK (Z	CONT)	***PASS	
TEST	32206	ALPG	(121)	AGEN	X-N	MULTIPLEXER	CHECK (X-N	ENABLE)	***PASS	
TEST	32207	ALPG	(121)	AGEN	Y-N	MULTIPLEXER	CHECK (Y-N	ENABLE)	***PASS	
TEST	32208	ALPG	(121)	AGEN	X-B	MULTIPLEXER	CHECK (X-B	ENABLE)	***PASS	
TEST	32209	ALPG	(121)	AGEN	Y-B	MULTIPLEXER	CHECK (Y-B	ENABLE)	***PASS	
TEST	32210	ALPG	(122)	AGEN	REFRESH	COUNTER	CHECK 1	***PASS		

TEST	32211	ALPG	(122)	AGEN REFRESH COUNTER CHECK 2	***PASS
TEST	32212	ALPG	(122)	AGEN X OFFSET ADDER CHECK	***PASS
TEST	32213	ALPG	(122)	AGEN Y OFFSET ADDER CHECK	***PASS
TEST	32214	ALPG	(122)	AGEN XT FUNCTION CHECK	***PASS
TEST	32215	ALPG	(122)	AGEN YT FUNCTION CHECK	***PASS
TEST	32220	ALPG	(123)	SCRAM XRF WRITE ADDRESS SELECT CHECK	***PASS
TEST	32221	ALPG	(123)	SCRAM XRF READ ADDRESS SELECT CHECK	***PASS
TEST	32222	ALPG	(123)	SCRAM XRF X-MUT MULTIPLEXER CHECK	***PASS
TEST	32223	ALPG	(123)	SCRAM XRF BA ENABLE CHECK	***PASS
TEST	32224	ALPG	(123)	SCRAM XASV FUNCTION CHECK 1	***PASS
TEST	32225	ALPG	(123)	SCRAM XASV FUNCTION CHECK 2	***PASS
TEST	32226	ALPG	(123)	SCRAM XASV FUNCTION CHECK 3	***PASS
TEST	32227	ALPG	(123)	SCRAM XASV FUNCTION CHECK 4	***PASS
TEST	32228	ALPG	(123)	SCRAM XALD FUNCTION CHECK 1 (4WAY)	***PASS
TEST	32230	ALPG	(124)	SCRAM XASV & XALD FUNCTION CHECK 1	***PASS
TEST	32231	ALPG	(124)	SCRAM XASV & XALD FUNCTION CHECK 2	***PASS
TEST	32232	ALPG	(124)	SCRAM BURST-SCRAM ADDRESS CHECK 1	***PASS
TEST	32233	ALPG	(124)	SCRAM BURST-SCRAM ADDRESS CHECK 2	***PASS
TEST	32234	ALPG	(124)	SCRAM BURST-SCRAM ADDRESS CHECK 3	***PASS
TEST	32235	ALPG	(124)	SCRAM BURST-SCRAM ADDRESS CHECK 4	***PASS
TEST	32236	ALPG	(124)	SCRAM BURST-SCRAM ENABLE CHECK	***PASS
TEST	32237	ALPG	(124)	SCRAM BURST-SCRAM REAL-TIME OFF CHECK	***PASS
TEST	32240	ALPG	(125)	SCRAM BURST-SCRAM FUNCTION CHECK 1	***PASS
TEST	32241	ALPG	(125)	SCRAM BURST-SCRAM FUNCTION CHECK 2	***PASS
TEST	32242	ALPG	(125)	SCRAM BURST-SCRAM FUNCTION CHECK 3	***PASS
TEST	32243	ALPG	(125)	SCRAM BURST-SCRAM FUNCTION CHECK 4	***PASS
TEST	32244	ALPG	(125)	SCRAM BURST-SCRAM FUNCTION CHECK 5	***PASS
TEST	32250	ALPG	(126)	SCRAM LOGIC SCRAM EOR-CIRCUIT CHECK	***PASS
TEST	32251	ALPG	(126)	SCRAM LOGIC SCRAM INVERT CHECK	***PASS
TEST	32252	ALPG	(126)	SCRAM LOGIC SCRAM SELECT CHECK	***PASS
TEST	32253	ALPG	(126)	SCRAM LOGIC SCRAM CONT REG ON/OFF CHECK	***PASS
TEST	32254	ALPG	(126)	SCRAM REAL-TIME OFF CHECK (PDS SIDE)	***PASS
TEST	32255	ALPG	(126)	SCRAM REAL-TIME OFF CHECK (FM SIDE)	***PASS
TEST	32256	ALPG	(126)	SCRAM ADDRESS DELAY CHECK (PDS SIDE)	***PASS
TEST	32257	ALPG	(126)	SCRAM ADDRESS DELAY CHECK (FM SIDE)	***PASS
TEST	32260	ALPG	(127)	SCRAM XALD FUNCTION CHECK 2 (2WAY)	***PASS

TEST	32261	ALPG (127)	SCRAM BURST SCRAM FUNCTION CHECK 2 (2WAY)	***PASS
TEST	32270	ALPG (128)	SCRAM XALD FUNCTION CHECK 3 (1WAY)	***PASS
TEST	32271	ALPG (128)	SCRAM BURST SCRAM FUNCTION CHECK 3 (1WAY)	***PASS
TEST	32280	ALPG (129)	DGEN REGISTER REAL-TIME SET CHECK 1	***PASS
TEST	32281	ALPG (129)	DGEN REGISTER REAL-TIME SET CHECK 2	***PASS
TEST	32282	ALPG (129)	DGEN TP1 REGISTER FUNCTION CHECK	***PASS
TEST	32283	ALPG (129)	DGEN TP2 REGISTER FUNCTION CHECK	***PASS
TEST	32290	ALPG (130)	DGEN TP EVENT TIME CHECK	***PASS
TEST	32291	ALPG (130)	DGEN DGEN /D1 & DCMR1 FUNCTION CHECK	***PASS
TEST	32292	ALPG (130)	DGEN DGEN /D2 & DCMR2 FUNCTION CHECK	***PASS
TEST	32293	ALPG (130)	DGEN PARITY MODE CHECK	***PASS
TEST	32294	ALPG (130)	DGEN DSD/RCD/CCD FUNCTION CHECK	***PASS
TEST	32295	ALPG (130)	DGEN TPH1B-D/TPH2B-D FUNCTION CHECK	***PASS
TEST	32296	ALPG (130)	DGEN D5B-D/D6B-D FUNCTION CHECK	***PASS
TEST	32297	ALPG (130)	DGEN TPXOR FUNCTION CHECK	***PASS
TEST	32300	ALPG (131)	DGEN FP0 FUNC CHK 1 (FIX-0)	***PASS
TEST	32301	ALPG (131)	DGEN FP1 FUNC CHK 1 (CHECKER)	***PASS
TEST	32302	ALPG (131)	DGEN FP3 FUNC CHK 1 (DIAGONAL)	***PASS
TEST	32303	ALPG (131)	DGEN FP4 FUNC CHK 1 (INVERTED DIAGONAL)	***PASS
TEST	32304	ALPG (131)	DGEN FP5 FUNC CHK 1 (DIAGONAL 2)	***PASS
TEST	32305	ALPG (131)	DGEN FP6 FUNC CHK 1 (INVERTED DIAGONAL 2)	***PASS
TEST	32306	ALPG (131)	DGEN FP7 FUNC CHK 1 (MASK PARITY)	***PASS
TEST	32307	ALPG (131)	DGEN FP8 FUNC CHK 1 (ROW BAR)	***PASS
TEST	32308	ALPG (131)	DGEN FP9 FUNC CHK 1 (COLUMN BAR)	***PASS
TEST	32309	ALPG (131)	DGEN FP10 FUNC CHK 1 (ROW/COLUMN BAR)	***PASS
TEST	32310	ALPG (132)	DGEN FPX FUNCTION CHECK 1	***PASS
TEST	32311	ALPG (132)	DGEN FP FUNCTION DATA INVERT CHECK	***PASS
TEST	32320	ALPG (133)	DGEN FP0 FUNCTION CHECK 2 (4WAY-DDR)	***PASS
TEST	32321	ALPG (133)	DGEN FP1 FUNCTION CHECK 2 (4WAY-DDR)	***PASS
TEST	32322	ALPG (133)	DGEN FP3 FUNCTION CHECK 2 (4WAY-DDR)	***PASS
TEST	32323	ALPG (133)	DGEN FP4 FUNCTION CHECK 2 (4WAY-DDR)	***PASS
TEST	32324	ALPG (133)	DGEN FP5 FUNCTION CHECK 2 (4WAY-DDR)	***PASS
TEST	32325	ALPG (133)	DGEN FP6 FUNCTION CHECK 2 (4WAY-DDR)	***PASS
TEST	32326	ALPG (133)	DGEN FP7 FUNCTION CHECK 2 (4WAY-DDR)	***PASS
TEST	32327	ALPG (133)	DGEN FP8 FUNCTION CHECK 2 (4WAY-DDR)	***PASS
TEST	32328	ALPG (133)	DGEN FP9 FUNCTION CHECK 2 (4WAY-DDR)	***PASS

TEST	32329	ALPG	(133)	DGEN FP10 FUNCTION CHECK 2 (4WAY-DDR)	***PASS
TEST	32330	ALPG	(134)	DGEN FPX FUNCTION CHECK 2 (4WAY-DDR)	***PASS
TEST	32340	ALPG	(135)	DGEN DFLG TOGGLE FUNCTION CHECK	***PASS
TEST	32341	ALPG	(135)	DGEN DFLG DATA INVERT CHECK	***PASS
TEST	32342	ALPG	(135)	DGEN DATA DELAY CHECK	***PASS
TEST	32350	ALPG	(136)	DGEN ARIRAM ADDRESS SELECTOR CHECK 1	***PASS
TEST	32351	ALPG	(136)	DGEN ARIRAM ADDRESS SELECTOR CHECK 2	***PASS
TEST	32352	ALPG	(136)	DGEN ARIRAM DATA INVERT CHECK 1	***PASS
TEST	32353	ALPG	(136)	DGEN ARIRAM DATA INVERT CHECK 2	***PASS
TEST	32354	ALPG	(136)	DGEN ARIRAM INVERT REAL-TIME INHIBIT CHECK	***PASS
TEST	32355	ALPG	(136)	DGEN ARIRAM MODE CHECK	***PASS
TEST	32360	ALPG	(137)	DGEN DATA INVERSION MODE CHECK (4WAY-SDR)	***PASS
TEST	32361	ALPG	(137)	DGEN DATA INVERSION INVERT CHECK (4WAY-SDR)	***PASS
TEST	32362	ALPG	(137)	DGEN DATA INVERT FUNCTION CHECK 1 (4WAY)	***PASS
TEST	32363	ALPG	(137)	DGEN CBMAP COUNT CHECK 1 (4WAY)	***PASS
TEST	32364	ALPG	(137)	DGEN CBM BIT MODE CHECK (4WAY)	***PASS
TEST	32365	ALPG	(137)	DGEN CBM LINK MODE CHECK (4WAY)	***PASS
TEST	32366	ALPG	(137)	DGEN CBM MEMORY CHECK (4WAY)	***PASS
TEST	32367	ALPG	(137)	DGEN CBM FUNCTION CHECK 1 (4WAY)	***PASS
TEST	32370	ALPG	(138)	DGEN DBMAP COUNT CHECK 1 (4WAY)	***PASS
TEST	32371	ALPG	(138)	DGEN DBM LINK MODE CHECK (4WAY)	***PASS
TEST	32372	ALPG	(138)	DGEN DBM MEMORY CHECK (4WAY)	***PASS
TEST	32373	ALPG	(138)	DGEN DBM FUNCTION CHECK 1 (4WAY)	***PASS
TEST	32374	ALPG	(138)	DGEN DBMAP BASE ADDRESS CHECK (4WAY)	***PASS
TEST	32380	ALPG	(139)	DGEN DATA INVERT FUNCTION CHECK 2 (2WAY)	***PASS
TEST	32381	ALPG	(139)	DGEN CBM FUNCTION CHECK 2 (2WAY)	***PASS
TEST	32382	ALPG	(139)	DGEN DBMAP COUNT CHECK 2 (2WAY)	***PASS
TEST	32383	ALPG	(139)	DGEN DBM FUNCTION CHECK 2 (2WAY)	***PASS
TEST	32390	ALPG	(140)	DGEN DATA INVERT FUNCTION CHECK 3 (1WAY)	***PASS
TEST	32391	ALPG	(140)	DGEN CBM FUNCTION CHECK 3 (1WAY)	***PASS
TEST	32392	ALPG	(140)	DGEN DBM FUNCTION CHECK 3 (1WAY)	***PASS
TEST	32393	ALPG	(140)	DGEN DBMAP COUNT CHECK 3 (1WAY)	***PASS
TEST	32394	ALPG	(140)	DGEN DBMAP BASE ADDRESS ADDER CHECK (1WAY)	***PASS
TEST	32400	ALPG	(141)	CDB PC-SYNC CHECK	***PASS
TEST	32401	ALPG	(141)	CDB TS-SYNC CHECK	***PASS
TEST	32402	ALPG	(141)	CDB MUT-SYNC CHECK	***PASS

TEST	32403	ALPG	(141)	CDB X/Y-SYNC CHECK		***PASS
TEST	32404	ALPG	(141)	CDB SYNC MODE FUNCTION CHECK		***PASS
TEST	32405	ALPG	(141)	CDB MUT CONTROL SIGNAL CHECK 1		***PASS
TEST	32406	ALPG	(141)	CDB MUT CONTROL SIGNAL CHECK 2		***PASS
TEST	32410	ALPG	(142)	CDB CPE/DRE/RINV/RHZ SIGNAL CHECK		***PASS
TEST	32411	ALPG	(142)	CDB CPE/DRE/RINV/RHZ SIGNAL SELECT CHECK		***PASS
TEST	32412	ALPG	(142)	CDB PPS CONTROL SIGNAL SELECT CHECK		***PASS
TEST	32413	ALPG	(142)	CDB TS READ CHECK		***PASS
TEST	32414	ALPG	(142)	CDB PC READ CHECK		***PASS
TEST	32415	ALPG	(142)	CDB CYCLE PALETTE READ CHECK		***PASS
TEST	32416	ALPG	(142)	CDB PPS START CHECK		***PASS
TEST	32420	ALPG	(143)	CDB MUT CONTROL SIGNAL CHECK 3	(4WAY)	***PASS
TEST	32421	ALPG	(143)	CDB MUT CONTROL SIGNAL CHECK 4	(4WAY)	***PASS
TEST	32422	ALPG	(143)	CDB CPE/DRE/RINV/RHZ SIGNAL CHECK 2	(4WAY)	***PASS
TEST	32423	ALPG	(143)	CDB TS READ CHECK 2	(4WAY)	***PASS
TEST	32424	ALPG	(143)	CDB CYCLE PALETTE READ CHECK 2	(4WAY)	***PASS
TEST	32430	ALPG	(144)	PGCONT UNIVERSAL COUNTER CHK1 (PAT COUNT)		***PASS
TEST	32431	ALPG	(144)	PGCONT UNIVERSAL COUNTER CHK2 (SYNC COUNT)		***PASS
TEST	32432	ALPG	(144)	PGCONT UNIVERSAL COUNTER CHK3 (FAIL COUNT)		***PASS
TEST	32433	ALPG	(144)	PGCONT FAIL TRIGGER CHECK		***PASS
TEST	32434	ALPG	(144)	PGCONT FAIL STOP FUNCTION CHECK		***PASS
TEST	32435	ALPG	(144)	PGCONT INT1 OUTPUT & MASK CHECK 1		***PASS
TEST	32436	ALPG	(144)	PGCONT INT1 OUTPUT & MASK CHECK 2		***PASS
TEST	32437	ALPG	(144)	PGCONT INT1 OUTPUT & MASK CHECK 3		***PASS
TEST	32438	ALPG	(144)	PGCONT INT1 OUTPUT & MASK CHECK 4		***PASS
TEST	32440	ALPG	(145)	PGCONT ENABLE TIMER FULL BIT COUNT CHECK		***PASS
TEST	32441	ALPG	(145)	PGCONT REFRESH TIMER FULL BIT COUNT CHECK		***PASS
TEST	32442	ALPG	(145)	PGCONT PAUSE TIMER FULL BIT COUNT CHECK		***PASS
TEST	32443	ALPG	(145)	PGCONT TIMER OPERATION CHECK 1		***PASS
TEST	32444	ALPG	(145)	PGCONT TIMER OPERATION CHECK 2		***PASS
TEST	32445	ALPG	(145)	PGCONT TIMER OPERATION CHECK 3		***PASS
TEST	32446	ALPG	(145)	PGCONT TIMER OPERATION CHECK 4		***PASS
TEST	32447	ALPG	(145)	PGCONT ENABLE TIMER RANGE CHECK		***PASS
TEST	32448	ALPG	(145)	PGCONT REFRESH TIMER RANGE CHECK		***PASS
TEST	32449	ALPG	(145)	PGCONT PAUSE TIMER RANGE CHECK		***PASS
TEST	32450	ALPG	(146)	PGCONT ENABLE TIMER FUNCTION CHECK		***PASS

TEST 32451 ALPG (146) PGCONT REFRESH A TIMER FUNCTION CHECK	***PASS
TEST 32452 ALPG (146) PGCONT REFRESH B TIMER FUNCTION CHECK	***PASS
TEST 32453 ALPG (146) PGCONT PAUSE TIMER FUNCTION CHECK	***PASS
TEST 32454 ALPG (146) PGCONT TIMER TM1 FUNCTION CHECK	***PASS
TEST 32455 ALPG (146) PGCONT TIMER TM2/TM3/TM4 FUNCTION CHECK	***PASS
TEST 32460 ALPG (147) PC INTERRUPT CHK1 (ISP)	***PASS
TEST 32461 ALPG (147) PC INTERRUPT CHK2 (IRTN)	***PASS
TEST 32462 ALPG (147) PC INTERRUPT CHK3 (ISTK)	***PASS
TEST 32463 ALPG (147) PC INTERRUPT CHK4 (JSR INST.)	***PASS
TEST 32464 ALPG (147) PC INTERRUPT CHK5 (IDXI INST. OP=0)	***PASS
TEST 32465 ALPG (147) PC INTERRUPT CHK6 (IDXI INST. OP<>0)	***PASS
TEST 32466 ALPG (147) PC INTERRUPT CHK7 (JNI INST. OP=PC IDX=0)	***PASS
TEST 32467 ALPG (147) PC INTERRUPT CHK8 (JNI INST. OP=PC IDX<>0)	***PASS
TEST 32468 ALPG (147) PC INTERRUPT CHK9 (JNI INST. OP<>PC)	***PASS
TEST 32469 ALPG (147) PC INTERRUPT CHK10 (RTN INST.)	***PASS
TEST 32470 ALPG (148) PC INTERRUPT CHK11 (STPS INST.)	***PASS
TEST 32471 ALPG (148) PC INTERRUPT CHK12 (STFL INST.)	***PASS
TEST 32472 ALPG (148) PC INTERRUPT CHK13 (JET INST.)	***PASS
TEST 32473 ALPG (148) PC INTERRUPT CHK14 (I INST.)	***PASS
TEST 32474 ALPG (148) PC INTERRUPT TIMING CHK1 (JNI INST. OP=PC)	***PASS
TEST 32475 ALPG (148) PC INTERRUPT TIMING CHK2 (JNI INST. OP<>PC)	***PASS
TEST 32476 ALPG (148) PC INTERRUPT COUNTER CHECK	***PASS
TEST 32477 ALPG (148) PC REFRESH ERROR CHECK	***PASS
TEST 32478 ALPG (148) PC INTERRUPT IRTN CHECK 1	***PASS
TEST 32479 ALPG (148) PC INTERRUPT IRTN CHECK 2	***PASS
TEST 32480 ALPG (149) PGCONT REPEAT MODE FUNC CHK 1 (RESTART)	***PASS
TEST 32481 ALPG (149) PGCONT REPEAT MODE FUNC CHK 2 (PASS/FAIL)	***PASS
TEST 32482 ALPG (149) PGCONT REPEAT MODE FUNC CHK 3 (STACK ERR)	***PASS
TEST 32483 ALPG (149) PGCONT REPEAT MODE FUNC CHK 4 (REFRESH ERR)	***PASS
TEST 32484 ALPG (149) PGCONT REPEAT MODE FUNC CHK 5 (RATE ERROR)	***PASS
TEST 32485 ALPG (149) PGCONT REPEAT MODE FUNC CHK 6 (STOP MPAT)	***PASS
TEST 32486 ALPG (149) PGCONT REPEAT MODE FUNC CHK 7 (FAIL STOP)	***PASS
TEST 32490 ALPG (150) PGCONT TRACE MODE STEP FUNCTION CHECK	***PASS
TEST 32491 ALPG (150) PGCONT TRACE MODE BREAK ON PC FUNC CHK	***PASS
TEST 32492 ALPG (150) PGCONT TRACE MODE BREAK ON PAT FUNC CHK	***PASS
TEST 32493 ALPG (150) PGCONT TRACE MODE BREAK ON SYNC FUNC CHK	***PASS

TEST	32494	ALPG	(150)	PGCONT TRACE MODE STPS/STFL CHECK	***PASS
TEST	32495	ALPG	(150)	PGCONT TRACE MODE PASS/FAIL FLAG CHECK	***PASS
TEST	32496	ALPG	(150)	PGCONT TRACE & REPEAT MODE CHECK	***PASS
TEST	32497	ALPG	(150)	PGCONT TRACE MODE BREAK ON PC CONTINUE CHK	***PASS
TEST	32498	ALPG	(150)	PGCONT TRACE MODE BREAK ON PAT CONTINUE CHK	***PASS
TEST	32499	ALPG	(150)	PGCONT TRACE MODE BREAK ON SYNC CONTINUE CHK	***PASS
TEST	32500	ALPG	(151)	PGCONT TRACE MODE DATA RD CHK1 (TS)	***PASS
TEST	32501	ALPG	(151)	PGCONT TRACE MODE DATA RD CHK2 (MUT)	***PASS
TEST	32502	ALPG	(151)	PGCONT TRACE MODE DATA RD CHK3 (PX/FX)	***PASS
TEST	32503	ALPG	(151)	PGCONT TRACE MODE DATA RD CHK4 (PY/FY)	***PASS
TEST	32504	ALPG	(151)	PGCONT TRACE MODE DATA RD CHK5 (FYB)	***PASS
TEST	32505	ALPG	(151)	PGCONT TRACE MODE DATA RD CHK6 (DA)	***PASS
TEST	32506	ALPG	(151)	PGCONT TRACE MODE DATA RD CHK7 (DB)	***PASS
TEST	32507	ALPG	(151)	PGCONT TRACE MODE DATA RD CHK8 (DRE/CPE/CYP)	***PASS
TEST	32508	ALPG	(151)	PGCONT TRACE MODE STACK ERROR STOP CHECK	***PASS
TEST	32509	ALPG	(151)	PGCONT TRACE MODE DATA READ CHECK (4WAY)	***PASS
TEST	32510	ALPG	(152)	DFM 512WAY I.L CHECK	***PASS
TEST	32511	ALPG	(152)	DFM AP REAL-TIME CHECK 1	***PASS
TEST	32512	ALPG	(152)	DFM AP REAL-TIME CHECK 2	***PASS
TEST	32513	ALPG	(152)	DFM COUNTER/DFM PATTERN COUNTER CHECK 1	***PASS
TEST	32514	ALPG	(152)	DFM COUNTER/DFM PATTERN COUNTER CHECK 2	***PASS
TEST	32515	ALPG	(152)	DFM STOP FLAG CHECK	***PASS
TEST	32516	ALPG	(152)	DFM STOP COUNT CHECK	***PASS
TEST	32517	ALPG	(152)	DFM ORFL SELECT CHECK	***PASS
TEST	32520	ALPG	(153)	DFM STORE CHK1 (DATA BIT)	***PASS
TEST	32521	ALPG	(153)	DFM STORE CHK2 (ALLO/ALL1)	***PASS
TEST	32522	ALPG	(153)	DFM STORE CHK3 (ALL1/ALLO)	***PASS
TEST	32523	ALPG	(153)	DFM STORE CHK4 (PC=#555/#AAA)	***PASS
TEST	32524	ALPG	(153)	DFM STORE CHK5 (FAIL STOP)	***PASS
TEST	32525	ALPG	(153)	DFM STORE CHK6 (FL STOP AT FIRST PAT)	***PASS
TEST	32526	ALPG	(153)	DFM STORE CHK7 (FL STOP AT LAST PAT)	***PASS
TEST	32527	ALPG	(153)	DFM STORE CHK8 (FL STOP INH 1)	***PASS
TEST	32528	ALPG	(153)	DFM STORE CHK9 (FL STOP INH 2)	***PASS
TEST	32529	ALPG	(153)	DFM STORE CHK10 (FL STOP INH 3)	***PASS
TEST	32530	ALPG	(154)	DFM STORE CHK11 (FL STOP INH 4)	***PASS
TEST	32531	ALPG	(154)	DFM STORE CHK12 (STOP COUNT=0)	***PASS

TEST	32532	ALPG	(154)	DFM STORE CHK13 (YB/ARIB)	***PASS
TEST	32533	ALPG	(154)	DFM STORE CHK14 (OUT1/WAIT/MBURST)	***PASS
TEST	32534	ALPG	(154)	DFM STORE CHK15 (PAUSE)	***PASS
TEST	32535	ALPG	(154)	DFM STORE CHK16 (FREERUN)	***PASS
TEST	32536	ALPG	(154)	DFM STORE CHK17 (FREERUN & OUT1/WAIT/MBURST)	***PASS
TEST	32537	ALPG	(154)	DFM STORE CHK18 (FREERUN & PAUSE)	***PASS
TEST	32540	ALPG	(155)	DFM DATA DELAY CHECK 1 (X)	***PASS
TEST	32541	ALPG	(155)	DFM DATA DELAY CHECK 2 (Y)	***PASS
TEST	32542	ALPG	(155)	DFM DATA DELAY CHECK 3 (DA)	***PASS
TEST	32543	ALPG	(155)	DFM DATA DELAY CHECK 4 (DB)	***PASS
TEST	32550	ALPG	(156)	RATE REGISTER R/W CHECK	***PASS
TEST	32551	ALPG	(156)	RATE REGISTER RESET CHECK	***PASS
TEST	32552	ALPG	(156)	RATE DATA 1-16 R/W CHECK	***PASS
TEST	32553	ALPG	(156)	RATE DATA INITIALIZE CHECK	***PASS
TEST	32560	ALPG	(157)	RATE RATE-STOP COUNTER REAL-TIME CHECK	***PASS
TEST	32561	ALPG	(157)	RATE REFCLK COUNTER REAL-TIME CHECK	***PASS
TEST	32562	ALPG	(157)	RATE TGRUN READ CHECK	***PASS
TEST	32563	ALPG	(157)	RATE FD SIGNAL READ CHECK	***PASS
TEST	32564	ALPG	(157)	RATE PHASE ACCUMULATOR CHECK	***PASS
TEST	32565	ALPG	(157)	RATE PHASE ACCUMULATOR CLEAR CHECK	***PASS
TEST	32566	ALPG	(157)	RATE ERROR CHECK	***PASS
TEST	32570	ALPG	(158)	RATE FREERUN TS1 SELECT CHECK	***PASS
TEST	32571	ALPG	(158)	RATE FREERUN FUNCTION CHECK 1	***PASS
TEST	32572	ALPG	(158)	RATE FREERUN FUNCTION CHECK 2 (SCLR)	***PASS
TEST	32573	ALPG	(158)	RATE FREERUN FUNCTION CHECK 3 (OUT1)	***PASS
TEST	32574	ALPG	(158)	RATE FREERUN FUNCTION CHECK 4 (WAIT)	***PASS
TEST	32575	ALPG	(158)	RATE FREERUN FUNCTION CHECK 5 (MBURST)	***PASS
TEST	32576	ALPG	(158)	RATE FREERUN FUNCTION CHECK 6 (PAUSE)	***PASS
TEST	32577	ALPG	(158)	RATE FREERUN FUNCTION CHECK 7 (REPEAT)	***PASS
TEST	32580	ALPG	(159)	RATE PERIOD OUTPUT CHECK	***PASS
TEST	32581	ALPG	(159)	RATE PERIOD DELAY CHECK 1	***PASS
TEST	32582	ALPG	(159)	RATE PERIOD DELAY CHECK 2	***PASS
TEST	32583	ALPG	(159)	RATE TS/PGRUN DELAY CHECK	***PASS
TEST	32584	ALPG	(159)	RATE PERIOD COUNT CHECK	***PASS
TEST	32590	ALPG	(160)	RATE RATE DATA MRAM CHECK 1	***PASS
TEST	32591	ALPG	(160)	RATE RATE DATA MRAM CHECK 2	***PASS

TEST	32600	ALPG	(161)	PDS REGISTER R/W CHECK 1	***PASS
TEST	32601	ALPG	(161)	PDS CHANNEL ASSIGN READ CHECK	***PASS
TEST	32602	ALPG	(161)	PDS PIN DEFINE TABLE R/W CHECK	***PASS
TEST	32603	ALPG	(161)	PDS REGISTER R/W CHECK 2 (PIN DATA)	***PASS
TEST	32604	ALPG	(161)	PDS REGISTER R/W CHECK 3 (ALL PIN)	***PASS
TEST	32605	ALPG	(161)	PDS REGISTER R/W CHECK 4 (CYCLE PALETTE)	***PASS
TEST	32606	ALPG	(161)	PDS PIN DEFINE TABLE SELECT R/W CHECK	***PASS
TEST	32607	ALPG	(161)	PDS REGISTER RESET CHECK 1	***PASS
TEST	32608	ALPG	(161)	PDS REGISTER RESET CHECK 2	***PASS
TEST	32610	ALPG	(162)	PDS X0-23 INPUT CHECK	***PASS
TEST	32611	ALPG	(162)	PDS Y0-23 INPUT CHECK	***PASS
TEST	32612	ALPG	(162)	PDS MUT/RINV/STATE INPUT CHECK	***PASS
TEST	32613	ALPG	(162)	PDS C0-31 INPUT CHECK	***PASS
TEST	32614	ALPG	(162)	PDS DA0-35 INPUT CHECK	***PASS
TEST	32615	ALPG	(162)	PDS DB0-35 INPUT CHECK	***PASS
TEST	32616	ALPG	(162)	PDS CYP A/CYP B INPUT CHECK	***PASS
TEST	32617	ALPG	(162)	PDS DRE/CPE/RHZ/INHDBM INPUT CHECK	***PASS
TEST	32618	ALPG	(162)	PDS PPATA/PPATB INPUT CHECK	***PASS
TEST	32619	ALPG	(162)	PDS PDRE/PCPE INPUT CHECK	***PASS
TEST	32620	ALPG	(163)	PDS X0-23 SELECT CHECK	***PASS
TEST	32621	ALPG	(163)	PDS Y0-23 SELECT CHECK	***PASS
TEST	32622	ALPG	(163)	PDS MUT/STATE SELECT CHECK	***PASS
TEST	32623	ALPG	(163)	PDS DA0-35 SELECT CHECK	***PASS
TEST	32624	ALPG	(163)	PDS DB0-35 SELECT CHECK	***PASS
TEST	32625	ALPG	(163)	PDS REG MUX A/B/C/D SELECT CHECK	***PASS
TEST	32626	ALPG	(163)	PDS REG MUX P/E SELECT CHECK	***PASS
TEST	32627	ALPG	(163)	PDS PIN DATA SELECT CHECK	***PASS
TEST	32628	ALPG	(163)	PDS CYCLE PALETTE SELECT CHECK	***PASS
TEST	32629	ALPG	(163)	PDS CYCLE PALETTE FUNCTION CHECK	***PASS
TEST	32630	ALPG	(164)	PDS CPE/DRE OUTPUT CHECK	***PASS
TEST	32631	ALPG	(164)	PDS RHZ/INHDBM OUTPUT CHECK	***PASS
TEST	32632	ALPG	(164)	PDS PPATA/PPATB SELECT CHECK 1	***PASS
TEST	32633	ALPG	(164)	PDS PPATA/PPATB SELECT CHECK 2	***PASS
TEST	32634	ALPG	(164)	PDS PDRE/PCPE SELECT CHECK 1	***PASS
TEST	32635	ALPG	(164)	PDS PDRE/PCPE SELECT CHECK 2	***PASS
TEST	33010	FT	(101)	CHANNEL ASSIGN CHECK	***PASS

TEST	33012	FT	(101)	REGISTER MARCHING CHECK	***PASS
TEST	33013	FT	(101)	PARALLEL REGISTER CHECK	***PASS
TEST	33014	FT	(101)	REGISTER MARCHING CHECK 2	***PASS
TEST	33019	FT	(101)	CHILD SEL REG R/W CHECK	***PASS
TEST	33021	FT	(102)	HR REGISTER MARCHING CHECK 1	***PASS
TEST	33025	FT	(102)	HR REGISTER MARCHING CHECK 2	***PASS
TEST	33026	FT	(102)	HR REGISTER MARCHING CHECK 3	***PASS
TEST	33027	FT	(102)	HR REGISTER MARCHING CHECK 4	***PASS
TEST	33028	FT	(102)	HR REGISTER MARCHING CHECK 5	***PASS
TEST	33031	FT	(103)	RATE MEMORY MARCHING CHECK	***PASS
TEST	33033	FT	(103)	CLOCK MEMORY MARCHING CHECK	***PASS
TEST	33035	FT	(103)	PIN DFM MEMORY MARCHING CHECK	***PASS
TEST	33037	FT	(103)	DIAG COUNTER MEMORY MARCHING CHECK	***PASS
TEST	33039	FT	(103)	MSTRB RESOLUTION MEMORY MARCHING CHECK	***PASS
TEST	33040	FT	(104)	DFM BURST CHECK 1	***PASS
TEST	33041	FT	(104)	DFM BURST CHECK 2	***PASS
TEST	33042	FT	(104)	DFM BURST CHECK 3	***PASS
TEST	33043	FT	(104)	MSTRB RESOLUTION MEMORY BURST CHECK	***PASS
TEST	33045	FT	(104)	DFM BIST CHECK (DONE)	***PASS
TEST	33046	FT	(104)	DFM BIST CHECK (FAIL)	***PASS
TEST	33048	FT	(104)	MSTRB RESOLUTION MEMORY BIST CHECK (DONE)	***PASS
TEST	33049	FT	(104)	MSTRB RESOLUTION MEMORY BIST CHECK (FAIL)	***PASS
TEST	33051	FT	(105)	DQS MRAM BIST CHECK (DONE)	***PASS
TEST	33052	FT	(105)	DQS MRAM BIST CHECK (FAIL)	***PASS
TEST	33054	FT	(105)	MSTRB RESOLUTION DATA SET SEQ CHECK (DONE)	***PASS
TEST	33055	FT	(105)	MSTRB RESOLUTION DATA SET SEQ CHECK (BUSY)	***PASS
TEST	33060	FT	(106)	CHANNEL ASSIGN RESET CHECK	***PASS
TEST	33061	FT	(106)	LOGIC REGISTER RESET CHECK1	***PASS
TEST	33062	FT	(106)	PARALLEL REGISTER RESET CHECK	***PASS
TEST	33063	FT	(106)	LOGIC REGISTER RESET CHECK2	***PASS
TEST	33064	FT	(106)	PIN GROUP DATA RESET CHECK	***PASS
TEST	33066	FT	(106)	HR REGISTER RESET CHECK	***PASS
TEST	33067	FT	(106)	LOGIC REGISTER RESET CHECK3 (TRIGGER MODE)	***PASS
TEST	33070	FT	(107)	RATE MEMORY RESET CHECK	***PASS
TEST	33071	FT	(107)	CLOCK MEMORY RESET CHECK	***PASS
TEST	33072	FT	(107)	PIN DFM MEMORY RESET CHECK	***PASS

TEST	33073	FT	(107)	DIAG COUNTER MEMORY RESET CHECK	***PASS
TEST	33074	FT	(107)	MSTRB RESOLUTION MEMORY RESET CHECK	***PASS
TEST	33080	FT	(108)	PIN DEFINE CLK MEMORY R/W CHECK	***PASS
TEST	33081	FT	(108)	PIN DEFINE LOGIC REGISTER R/W CHECK	***PASS
TEST	33082	FT	(108)	PIN GROUP DATA R/W CHECK	***PASS
TEST	33083	FT	(108)	PIN GROUP CLK MEMORY R/W CHECK	***PASS
TEST	33084	FT	(108)	PIN GROUP LOGIC REGISTER R/W CHECK	***PASS
TEST	33085	FT	(108)	PIN DEFINE GROUP COMBINATION CHECK	***PASS
TEST	33110	FT	(111)	TG/PAT INPUT CHECK	***PASS
TEST	33120	FT	(112)	RATE MEMORY TIMING SET ACCESS BIT CHECK	***PASS
TEST	33121	FT	(112)	RATE MEMORY TIMING SET ACCESS ADDRESS CHECK	***PASS
TEST	33122	FT	(112)	RATE DATA ADDER CHECK (4WAY)	***PASS
TEST	33123	FT	(112)	RATE DATA PHASE ACCUMULATOR CHECK (4WAY)	***PASS
TEST	33124	FT	(112)	RATE GATED CONTROL CHECK (4WAY)	***PASS
TEST	33125	FT	(112)	RATE DATA ADDER CHECK (2WAY)	***PASS
TEST	33126	FT	(112)	RATE DATA PHASE ACCUMULATOR CHECK (2WAY)	***PASS
TEST	33127	FT	(112)	RATE GATED CONTROL CHECK (2WAY)	***PASS
TEST	33130	FT	(113)	RATE DATA ADDER CHECK (1WAY)	***PASS
TEST	33131	FT	(113)	RATE DATA PHASE ACCUMULATOR CHECK (1WAY)	***PASS
TEST	33132	FT	(113)	RATE GATED CONTROL CHECK (1WAY)	***PASS
TEST	33133	FT	(113)	GATE CONTROL CHECK	***PASS
TEST	33134	FT	(113)	ENDRATE CONTROL CHECK	***PASS
TEST	33135	FT	(113)	SC RATE SHIFT CHECK	***PASS
TEST	33136	FT	(113)	SC RATE DATA FIFO CHECK	***PASS
TEST	33137	FT	(113)	SC GATED DATA FIFO CHECK	***PASS
TEST	33140	FT	(114)	CLOCK MEMORY TIMING SET ACCESS BIT CHECK	***PASS
TEST	33141	FT	(114)	CLOCK MEMORY TIMING SET ACCESS ADDRESS CHECK	***PASS
TEST	33142	FT	(114)	TG CLOCK DATA ADDER CHECK1	***PASS
TEST	33143	FT	(114)	TG CLOCK DATA ADDER CHECK2	***PASS
TEST	33144	FT	(114)	TG OPEN CONTROL CHECK	***PASS
TEST	33150	FT	(115)	TG CLOCK DATA LOAD CHECK	***PASS
TEST	33151	FT	(115)	TG SET/RST DATA LINE CHECK	***PASS
TEST	33152	FT	(115)	TG SET/RST DATA CONTROL CHECK	***PASS
TEST	33153	FT	(115)	TG COUNTER LOWER COUNT CHECK	***PASS
TEST	33154	FT	(115)	TG COUNTER UPPER COUNT CHECK	***PASS
TEST	33155	FT	(115)	TG MAX CLOCK GENERATION CHECK1	***PASS

TEST	33156	FT	(115)	TG MAX CLOCK GENERATION CHECK2	***PASS
TEST	33160	FT	(116)	TG CAL DATA ADDER CHECK	***PASS
TEST	33161	FT	(116)	TG OFFSET CAL ADDER CHECK	***PASS
TEST	33162	FT	(116)	TG CAL/OFFSET CAL DATA ADDER CHECK	***PASS
TEST	33163	FT	(116)	TG CAL SHIFT DELAY CHECK	***PASS
TEST	33164	FT	(116)	DRZFW WAVE PULSE DELAY CHECK	***PASS
TEST	33165	FT	(116)	DRZ WAVE DELAY CHECK	***PASS
TEST	33170	FT	(117)	TG DATA FIX CONTROL CHECK	***PASS
TEST	33171	FT	(117)	TG RATE FIX CONTROL CHECK	***PASS
TEST	33172	FT	(117)	TG PAT LEVEL FIX CONTROL CHECK	***PASS
TEST	33173	FT	(117)	TG EDGE INDEPENDENCE CHECK1	***PASS
TEST	33174	FT	(117)	TG EDGE INDEPENDENCE CHECK2	***PASS
TEST	33177	FT	(117)	TG FREERUN RATE SELECT CHECK1	***PASS
TEST	33178	FT	(117)	TG FREERUN RATE SELECT CHECK2	***PASS
TEST	33180	FT	(118)	FC DATA CYCLE SHIFT CHECK1 (PAT/DRE 4WAY)	***PASS
TEST	33181	FT	(118)	FC DATA CYCLE SHIFT CHECK2 (EXP/CPE 4WAY)	***PASS
TEST	33182	FT	(118)	FC DATA CYCLE SHIFT CHECK3 (DBMINH 4WAY)	***PASS
TEST	33183	FT	(118)	FC DATA CYCLE SHIFT CHECK4 (PAT/DRE 2WAY)	***PASS
TEST	33184	FT	(118)	FC DATA CYCLE SHIFT CHECK5 (EXP/CPE 2WAY)	***PASS
TEST	33185	FT	(118)	FC DATA CYCLE SHIFT CHECK6 (DBMINH 2WAY)	***PASS
TEST	33186	FT	(118)	FC DATA CYCLE SHIFT CHECK7 (PAT/DRE 1WAY)	***PASS
TEST	33187	FT	(118)	FC DATA CYCLE SHIFT CHECK8 (EXP/CPE 1WAY)	***PASS
TEST	33188	FT	(118)	FC DATA CYCLE SHIFT CHECK9 (DBMINH 1WAY)	***PASS
TEST	33190	FT	(119)	FC DR/DRE INIT CONTROL CHECK	***PASS
TEST	33191	FT	(119)	FC DR/DRE FIX CONTROL CHECK	***PASS
TEST	33192	FT	(119)	FC DR/DRE DIAG RELAY CONTROL CHECK	***PASS
TEST	33193	FT	(119)	FC DR/DRE RELAY CONTROL CHECK	***PASS
TEST	33194	FT	(119)	FC DR/DRE RELAY CONTROL INDEPENDENCE CHECK	***PASS
TEST	33200	FT	(120)	FC DR WAVE MODE CHECK (4WAY)	***PASS
TEST	33201	FT	(120)	FC DRE WAVE MODE CHECK (4WAY)	***PASS
TEST	33202	FT	(120)	FC TERM WAVE MODE CHECK (4WAY)	***PASS
TEST	33203	FT	(120)	FC DR PROXIMITY RELAXATION INHI CHECK(4WAY)	***PASS
TEST	33204	FT	(120)	FC DRE PROXIMITY RELAXATION INHI CHECK(4WAY)	***PASS
TEST	33205	FT	(120)	FC DR WAVE MODE CHECK (2WAY)	***PASS
TEST	33206	FT	(120)	FC DRE WAVE MODE CHECK (2WAY)	***PASS
TEST	33207	FT	(120)	FC TERM WAVE MODE CHECK (2WAY)	***PASS

TEST	33208	FT	(120)	FC DR	PROXIMITY RELAXATION INHI CHECK(2WAY)	***PASS
TEST	33209	FT	(120)	FC DRE	PROXIMITY RELAXATION INHI CHECK(2WAY)	***PASS
TEST	33210	FT	(121)	FC DR	WAVE MODE CHECK (1WAY)	***PASS
TEST	33211	FT	(121)	FC DRE	WAVE MODE CHECK (1WAY)	***PASS
TEST	33212	FT	(121)	FC TERM	WAVE MODE CHECK (1WAY)	***PASS
TEST	33213	FT	(121)	FC DR	PROXIMITY RELAXATION INHI CHECK(1WAY)	***PASS
TEST	33214	FT	(121)	FC DRE	PROXIMITY RELAXATION INHI CHECK(1WAY)	***PASS
TEST	33215	FT	(121)	FC STRB	WAVE MODE CHECK	***PASS
TEST	33220	FT	(122)	FC BANK	MODE CONTROL CHECK	***PASS
TEST	33221	FT	(122)	FC WAVEFORM	FIX CONTROL CHECK	***PASS
TEST	33225	FT	(122)	FC TRIGMODE	PAT SELECT CHECK	***PASS
TEST	33230	FT	(123)	FC HDCLR	HOLD CONTINUE CHECK	***PASS
TEST	33231	FT	(123)	FC HDCLR	BURST CONTROL CHECK	***PASS
TEST	33232	FT	(123)	FC HDCLR	PAUSE CONTROL CHECK	***PASS
TEST	33300	FT	(130)	DIAG COUNTER	INDIVIDUAL CHECK	***PASS
TEST	33301	FT	(130)	DIAG COUNTER	DIVIDER CHECK	***PASS
TEST	33302	FT	(130)	DIAG COUNTER	SCALER CHECK	***PASS
TEST	33303	FT	(130)	DIAG COUNTER	SEQUENCE CHECK	***PASS
TEST	33304	FT	(130)	DIAG COUNTER	CALCULATION CHECK 1 (OFFSET)	***PASS
TEST	33305	FT	(130)	DIAG COUNTER	CALCULATION CHECK 2 (DIFF 1)	***PASS
TEST	33306	FT	(130)	DIAG COUNTER	CALCULATION CHECK 3 (DIFF 2)	***PASS
TEST	33307	FT	(130)	DIAG COUNTER	CLEAR INH CHECK	***PASS
TEST	33310	FT	(131)	LOGIC LOOP	OUT CONTROL CHECK	***PASS
TEST	33311	FT	(131)	LOGIC LOOP	MUX SELECT CHECK	***PASS
TEST	33312	FT	(131)	RXPCLK LOOP	MUX SELECT CHECK	***PASS
TEST	33313	FT	(131)	LREFCLK	PULSE WIDTH CHECK	***PASS
TEST	33314	FT	(131)	RXPCLK	VD DELAY CHECK	***PASS
TEST	33400	FT	(140)	PLL/ROSC	LOOP OUT CONTROL CHECK	***PASS
TEST	33401	FT	(140)	PLL/ROSC	CONTROL CHECK	***PASS
TEST	33402	FT	(140)	PLL	PERIOD CHECK	***PASS
TEST	33404	FT	(140)	PLL	VOLTAGE STABLE CHECK	***PASS
TEST	33410	FT	(141)	CDLL LOOP	OUT DIVIDER CHECK	***PASS
TEST	33411	FT	(141)	CDLL LOOP	MUX SELECT CHECK (TG)	***PASS
TEST	33412	FT	(141)	CDLL LOOP	MUX SELECT CHECK (HSIF)	***PASS
TEST	33413	FT	(141)	CDLL LOOP	PULSER BIT DELAY CHECK	***PASS
TEST	33414	FT	(141)	CDLL TUNE	OUT VD BIT DELAY CHECK	***PASS

TEST	33415	FT	(141)	CDLL TRIG PULSER BIT DELAY CHECK	***PASS
TEST	33420	FT	(142)	CDLL COUNTER CHECK (TG)	***PASS
TEST	33421	FT	(142)	CDLL COUNTER CHECK (HSIF)	***PASS
TEST	33422	FT	(142)	CDLL DELAY RANGE CHECK	***PASS
TEST	33424	FT	(142)	CDLL LOCK PERIOD CHECK	***PASS
TEST	33430	FT	(143)	TGVD LOOP MUX SELECT CHECK	***PASS
TEST	33431	FT	(143)	TGVD STRB MUX SELECT CHECK	***PASS
TEST	33432	FT	(143)	TGVD OUTPUT PULSER BIT DELAY CHECK	***PASS
TEST	33440	FT	(144)	TGVD HIGH RESOLUTION DATA LINE CHECK	***PASS
TEST	33441	FT	(144)	TGVD HIGH RESOLUTION DATA PHASE CHECK	***PASS
TEST	33450	FT	(145)	MSTRB LOOP MUX SELECT CHECK	***PASS
TEST	33452	FT	(145)	MSTRB TCOMP CHECK	***PASS
TEST	33454	FT	(145)	MSTRB HEATER CONTROL CHECK	***PASS
TEST	33500	FT	(150)	SC DATA LINE CHECK1(32WAY FIFO DATA)	***PASS
TEST	33501	FT	(150)	SC DATA LINE CHECK2(32WAY FIFO DELAY)	***PASS
TEST	33502	FT	(150)	SC DATA LINE CHECK3(13WAY FIFO DATA)	***PASS
TEST	33503	FT	(150)	SC DATA LINE CHECK4(13WAY FIFO DELAY)	***PASS
TEST	33510	FT	(151)	SC LOGIC COMPARE CHECK1(EXP/CPE/RHZ SELECT)	***PASS
TEST	33511	FT	(151)	SC LOGIC COMPARE CHECK2(EXP FUNCTION)	***PASS
TEST	33512	FT	(151)	SC LOGIC COMPARE CHECK3(OPEN FUNCTION)	***PASS
TEST	33514	FT	(151)	SC MASK FUNCTION CHECK(SC/CP/STATION SEL)	***PASS
TEST	33515	FT	(151)	SC PASS DETECTION CHECK	***PASS
TEST	33516	FT	(151)	SC LOGIC COMPARE CHECK5(RHZ 4WAY FUNCTION)	***PASS
TEST	33517	FT	(151)	SC LOGIC COMPARE CHECK6(RHZ 2WAY FUNCTION)	***PASS
TEST	33518	FT	(151)	SC LOGIC COMPARE CHECK7(RHZ 1WAY FUNCTION)	***PASS
TEST	33520	FT	(152)	SC FT MFHMFL 8WAY FIFO CHECK	***PASS
TEST	33521	FT	(152)	SC FT MFHMFL 4WAY MODE CHECK	***PASS
TEST	33522	FT	(152)	SC FT MFHMFL 2WAY MODE CHECK	***PASS
TEST	33523	FT	(152)	SC FT MFHMFL 1WAY MODE CHECK	***PASS
TEST	33530	FT	(153)	SC FT 256WAY FIFO CHECK	***PASS
TEST	33531	FT	(153)	SC FT 256WAY FIFO DELAY CHECK	***PASS
TEST	33532	FT	(153)	SC FT MFHMFL ENCODE DATA CHECK	***PASS
TEST	33533	FT	(153)	SC FT MFHMFL ENCODE DATA MASK CHECK	***PASS
TEST	33540	FT	(154)	SC DQS LINK DATA MUX CHECK	***PASS
TEST	33541	FT	(154)	SC DQS LINK XPOINT DATA CHECK	***PASS
TEST	33542	FT	(154)	SC DQS LINK DATA OUT CHECK	***PASS

TEST	33543	FT	(154)	SC DQS LINK DATA INPUT LINE CHECK	***PASS
TEST	33544	FT	(154)	SC DQS LINK DATA INPUT FIFO CHECK	***PASS
TEST	33546	FT	(154)	SC DQS VS DQ 256WAY FIFO CHECK	***PASS
TEST	33547	FT	(154)	SC DQS LINK TIMING SELECT CHECK	***PASS
TEST	33550	FT	(155)	SC DQS SIMPLE FUNCTION CHECK1	***PASS
TEST	33551	FT	(155)	SC DQS SIMPLE FUNCTION CHECK2(CPD MODE)	***PASS
TEST	33552	FT	(155)	SC DQS SIMPLE FUNCTION CHECK3(32MODE)	***PASS
TEST	33553	FT	(155)	SC DQS TRTF FUNCTION CHECK1	***PASS
TEST	33555	FT	(155)	SC DQS TRTF FUNCTION CHECK3(32MODE)	***PASS
TEST	33556	FT	(155)	SC DQS OUT TIMING FUNCTION CHECK-1(SINGLE)	***PASS
TEST	33557	FT	(155)	SC DQS OUT TIMING FUNCTION CHECK-2(XPOINT)	***PASS
TEST	33558	FT	(155)	SC DQS OUT TIMING FUNCTION CHECK-3(SINGLE32)	***PASS
TEST	33559	FT	(155)	SC DQS OUT TIMING FUNCTION CHECK-4(XPOINT32)	***PASS
TEST	33560	FT	(156)	SC DQS CYCLE TO CYCLE CHECK-1(SELECT CHECK)	***PASS
TEST	33561	FT	(156)	SC DQS CYCLE TO CYCLE CHECK-2(DATA CHECK)	***PASS
TEST	33562	FT	(156)	SC DQS CYCLE TO CYCLE CHECK-3(LIMIT CHECK)	***PASS
TEST	33563	FT	(156)	SC DQS VS DQ FUNCTION CHECK-1(DATA CHECK)	***PASS
TEST	33564	FT	(156)	SC DQS VS DQ FUNCTION CHECK-2(LIMIT CHECK)	***PASS
TEST	33565	FT	(156)	SC DQS VS DQ FUNCTION CHECK-3(FAIL STUCK)	***PASS
TEST	33566	FT	(156)	SC DQS VS DQ FUNCTION CHECK-4(32MODE)	***PASS
TEST	33570	FT	(157)	SC DQS COUNTER FUNCTION CHECK1	***PASS
TEST	33571	FT	(157)	SC DQS COUNTER FUNCTION CHECK2(SKEW COUNT)	***PASS
TEST	33572	FT	(157)	SC DQS SEQUENCER PASSFAIL READ CHECK1	***PASS
TEST	33573	FT	(157)	SC DQS SEQUENCER PASSFAIL READ CHECK2	***PASS
TEST	33574	FT	(157)	SC DQS SEQUENCER PASSFAIL MASK CHECK	***PASS
TEST	33575	FT	(157)	SC DQS SEQUENCER DATA READ CHECK1	***PASS
TEST	33576	FT	(157)	SC DQS SEQUENCER DATA READ CHECK2	***PASS
TEST	33577	FT	(157)	SC DQS SEQUENCER DATA STACK CHECK	***PASS
TEST	33578	FT	(157)	SC DQS SEQUENCER WINDOW READ CHECK1	***PASS
TEST	33579	FT	(157)	SC DQS SEQUENCER WINDOW READ CHECK2	***PASS
TEST	33600	FT	(160)	SC LCOMP FAIL STUCK CHECK	***PASS
TEST	33601	FT	(160)	SC DQSFT FAIL STUCK CHECK	***PASS
TEST	33602	FT	(160)	SC FAIL STUCK RESET CHECK	***PASS
TEST	33603	FT	(160)	SC ORFAIL LOGIC CONTROL CHECK1	***PASS
TEST	33604	FT	(160)	SC ORFAIL LOGIC CONTROL CHECK2	***PASS
TEST	33606	FT	(160)	SC DQS FAIL DATA READ CHECK	***PASS

TEST	33610	FT	(161)	SC FAIL COUNTER CHECK1 (COUNT)	***PASS
TEST	33611	FT	(161)	SC FAIL COUNTER CHECK2 (LIMIT)	***PASS
TEST	33612	FT	(161)	SC FAIL COUNTER CHECK2 (FLAG)	***PASS
TEST	33613	FT	(161)	SC DFM STORE CHECK1 (DATA STORE)	***PASS
TEST	33614	FT	(161)	SC DFM STORE CHECK2 (AP CLEAR)	***PASS
TEST	33615	FT	(161)	SC ENDRATE FUNCTION CHECK	***PASS
TEST	33616	FT	(161)	SC HOLD/CONTINUE CHECK	***PASS
TEST	33617	FT	(161)	SC PAUSE CHECK	***PASS
TEST	33700	FT	(170)	ANDFAIL FAIL DATA LINE CHECK	***PASS
TEST	33701	FT	(170)	ALL DEVICE FAIL CHECK 01 (01 BIT MODE)	***PASS
TEST	33702	FT	(170)	ALL DEVICE FAIL CHECK 02 (04 BIT MODE)	***PASS
TEST	33703	FT	(170)	ALL DEVICE FAIL CHECK 03 (08 BIT MODE)	***PASS
TEST	33704	FT	(170)	ALL DEVICE FAIL CHECK 04 (09 BIT MODE)	***PASS
TEST	33705	FT	(170)	ALL DEVICE FAIL CHECK 05 (10 BIT MODE)	***PASS
TEST	33706	FT	(170)	ALL DEVICE FAIL CHECK 06 (12 BIT MODE)	***PASS
TEST	33707	FT	(170)	ALL DEVICE FAIL CHECK 07 (16 BIT MODE)	***PASS
TEST	33708	FT	(170)	ALL DEVICE FAIL CHECK 08 (18 BIT MODE)	***PASS
TEST	33709	FT	(170)	ALL DEVICE FAIL CHECK 09 (20 BIT MODE)	***PASS
TEST	33710	FT	(170)	ALL DEVICE FAIL CHECK 10 (24 BIT MODE)	***PASS
TEST	33711	FT	(170)	ALL DEVICE FAIL CHECK 11 (32 BIT MODE)	***PASS
TEST	33712	FT	(170)	ALL DEVICE FAIL CHECK 12 (36 BIT MODE)	***PASS
TEST	33713	FT	(170)	ALL DEVICE FAIL CHECK 13 (40 BIT MODE)	***PASS
TEST	33714	FT	(170)	ALL DEVICE FAIL CHECK 14 (48 BIT MODE)	***PASS
TEST	33715	FT	(170)	ALL DEVICE FAIL CHECK 15 (64A BIT MODE)	***PASS
TEST	33716	FT	(170)	ALL DEVICE FAIL CHECK 16 (64B BIT MODE)	***PASS
TEST	33717	FT	(170)	ALL DEVICE FAIL CHECK 17 (72A BIT MODE)	***PASS
TEST	33718	FT	(170)	ALL DEVICE FAIL CHECK 18 (72B BIT MODE)	***PASS
TEST	33719	FT	(170)	ALL DEVICE FAIL CHECK 19 (96A BIT MODE)	***PASS
TEST	33720	FT	(170)	ALL DEVICE FAIL CHECK 20 (96B BIT MODE)	***PASS
TEST	33721	FT	(171)	ANDFAIL FAIL DATA CHECK	***PASS
TEST	33722	FT	(171)	ANDFAIL PATTERN STOP CHECK	***PASS
TEST	35101	TH	(101)	TH STATUS READ CHECK	***PASS
TEST	35102	TH	(101)	TH BOARD SENSE CHECK	***PASS
TEST	35103	TH	(101)	THCONT REG R/W CHECK	***PASS
TEST	35104	TH	(101)	THCONT PIN DEFINE TABLE CHECK	***PASS
TEST	35105	TH	(101)	THCONT REG RESET CHECK	***PASS

TEST	35106	TH	(101)	CH ASSIGN READ CHECK	***PASS
TEST	35107	TH	(101)	REGISTER R/W CHECK	***PASS
TEST	35108	TH	(101)	PER PIN MW R/W CHECK	***PASS
TEST	35109	TH	(101)	ALL PIN MW R/W CHECK	***PASS
TEST	35110	TH	(101)	CHILD SET MW R/W CHECK	***PASS
TEST	35111	TH	(101)	INIT MW SET R/W CHECK	***PASS
TEST	35112	TH	(101)	MASK/DCPARA SET R/W CHECK	***PASS
TEST	35113	TH	(101)	PIN DEFINE TABLE R/W CHECK	***PASS
TEST	35114	TH	(101)	PIN GROUP TABLE R/W CHECK	***PASS
TEST	35115	TH	(101)	TH DIAG READ MW CHECK	***PASS
TEST	35116	TH	(101)	THDIST REG R/W CHECK	***PASS
TEST	35117	TH	(101)	VIO CLEAR/TBRST RESET CHECK	***PASS
TEST	35118	TH	(101)	STNSEL RESET CHECK	***PASS
TEST	35119	TH	(101)	VIO BUSY CHECK	***PASS

T5503A SYSTEM DIAGNOSTICS END 2020/09/07 11:50:11 (OP TIME=01:22:35) ***PASS