Trust Technology Corporation

(E-mail) business@trust-t.com, (URL) http://www.trust-t.com/, (TEL) +81-3-3344-5540

TTC ID	
Maker	TERADYNE
Model	J750
Description	Tester
Vintage	
QTY	1

[NOTES]

There are more tools listed on the following URL.

We hope you will also view it.

(Used Tools Information)

http://www.trust-t.com/ttcen/equipment/

CurrentConfig.

#slot[.subslot]	Type	idprom (type serial rev company)
-1	sli	239-624-00 c37fce8 1251-A 5445
0	channel	239-026-03 c003290 0621-E 5445
1	channel	239-026-03 500043a 0951-B 5445
2	channel	239-026-03 8031a77 0951-B 5445
3	channel	239-026-03 c001339 0951-E 5445
4	channel	239-026-05 c009d4a 0746-5 5445
5	channel	239-026-31 c00a4ac 0704-5 5445
6	channel	239-026-05 c0ceb4f 0923-5 5445
7	channel	239-026-31 c00a49e 0704-5 5445
17	cto	239-029-02 c006b6e 0603-D 5445
18	cub	239-020-09 c33c201 1318-6 5445
21	dps	239-016-06 c005c79 1543-F 5445
22	dps	239-016-06 c00cfd9 0702-F 5445
23	dps	239-016-06 c00a799 0702-F 5445
24	dps	239-016-06 c00cfc3 0702-F 5445

Calibration_Performance_PASS

%JOB_START - Beginning CUB Calibration test on slot 18 at 1:46:17 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Starting Channel Drive Levels: Vih Vil
- Starting Channel Compare Levels: Voh Vol

%JOB_END - ****PASSED**** CUB Calibration of slot 18 (C33C201) at 1:46:17 PM

%JOB_START - Beginning Channel_Board_DIB Calibration test on slot 0 at 1:46:24 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Systemwide functionality and continuity to slot 0
- Starting dib_test
- Temperature at PE Ch00 is 59 deg C
- Temperature at PE Ch60 is 42 deg C
- Temperature at Incoming Air is 28 deg C
- Temperature at TG Ch00 is 46 deg C
- Starting BPMU Force Voltage
- Starting Bpmu Clamp Voltage
- Starting Bpmu Measure Voltage
- Starting Bpmu Measure Current
- Starting Bpmu Force current
- Starting Bpmu Limit current
- Starting Channel Drive Levels: Vih Vil
- Starting Channel Compare Levels: Voh Vol
- Starting Channel Clamps: Vch Vcl
- Starting Channel Loads: Ioh Iol
- Starting Channel Load Threshold: Vt
- Starting HV Channel Drive Levels
- Starting HV Channel Drive Current
- Ppmu Mi Warmup 1:48:43 PM
- Ppmu Mi Warmup 1:48:43 PM
- Starting Ppmu Force Voltage

- Starting Ppmu Measure Voltage
- Starting Ppmu Force Current Ppmu Force 200ua
- Starting Ppmu Force Current Ppmu Force 2ma
- Starting Ppmu Measure 2ma
- Continuing Ppmu Measure Current chan 15
- Continuing Ppmu Measure Current chan 31
- Continuing Ppmu Measure Current chan 47
- Continuing Ppmu Measure Current chan 63
- Starting Ppmu Measure 200ua
- Continuing Ppmu Measure Current chan 15
- Continuing Ppmu Measure Current chan 31
- Continuing Ppmu Measure Current chan 47
- Continuing Ppmu Measure Current chan 63
- Starting Ppmu Measure Int 20ua
- Continuing Ppmu Measure Current chan 15
- Continuing Ppmu Measure Current chan 31
- Continuing Ppmu Measure Current chan 47
- Continuing Ppmu Measure Current chan 63
- Starting Ppmu Measure Int 2ua
- Continuing Ppmu Measure Current chan 15
- Continuing Ppmu Measure Current chan 31
- Continuing Ppmu Measure Current chan 47
- Continuing Ppmu Measure Current chan 63
- Starting Ppmu Measure Int 200na
- Continuing Ppmu Measure Current chan 15
- Continuing Ppmu Measure Current chan 31
- Continuing Ppmu Measure Current chan 47
- Continuing Ppmu Measure Current chan 63
- Finished Channel Calibration

%JOB_END - ****PASSED**** Channel_Board_DIB Calibration of slot 0 (C003290) at 1:51:43 PM

%JOB_START - Beginning Channel_Board_DIB Calibration test on slot 1 at 1:51:49 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Systemwide functionality and continuity to slot 1

- Starting dib_test
- Temperature at PE Ch00 is 55 deg C
- Temperature at PE Ch60 is 39 deg C
- Temperature at Incoming Air is 26 deg C
- Temperature at TG Ch00 is 43 deg C
- Starting BPMU Force Voltage
- Starting Bpmu Clamp Voltage
- Starting Bpmu Measure Voltage
- Starting Bpmu Measure Current
- Starting Bpmu Force current
- Starting Bpmu Limit current
- Starting Channel Drive Levels: Vih Vil
- Starting Channel Compare Levels: Voh Vol
- Starting Channel Clamps: Vch Vcl
- Starting Channel Loads: Ioh Iol
- Starting Channel Load Threshold: Vt
- Starting HV Channel Drive Levels
- Starting HV Channel Drive Current
- Ppmu Mi Warmup 1:54:09 PM
- Ppmu Mi Warmup 1:54:09 PM
- Starting Ppmu Force Voltage
- Starting Ppmu Measure Voltage
- Starting Ppmu Force Current Ppmu Force 200ua
- Starting Ppmu Force Current Ppmu Force 2ma
- Starting Ppmu Measure 2ma
- Continuing Ppmu Measure Current chan 79
- Continuing Ppmu Measure Current chan 95
- Continuing Ppmu Measure Current chan 111
- Continuing Ppmu Measure Current chan 127
- Starting Ppmu Measure 200ua
- Continuing Ppmu Measure Current chan 79
- Continuing Ppmu Measure Current chan 95
- Continuing Ppmu Measure Current chan 111
- Continuing Ppmu Measure Current chan 127
- Starting Ppmu Measure Int 20ua
- Continuing Ppmu Measure Current chan 79
- Continuing Ppmu Measure Current chan 95
- Continuing Ppmu Measure Current chan 111

- Continuing Ppmu Measure Current chan 127
- Starting Ppmu Measure Int 2ua
- Continuing Ppmu Measure Current chan 79
- Continuing Ppmu Measure Current chan 95
- Continuing Ppmu Measure Current chan 111
- Continuing Ppmu Measure Current chan 127
- Starting Ppmu Measure Int 200na
- Continuing Ppmu Measure Current chan 79
- Continuing Ppmu Measure Current chan 95
- Continuing Ppmu Measure Current chan 111
- Continuing Ppmu Measure Current chan 127
- Finished Channel Calibration

%JOB_END - ****PASSED**** Channel_Board_DIB Calibration of slot 1 (500043A) at 1:57:09 PM

%JOB_START - Beginning Channel_Board_DIB Calibration test on slot 2 at 1:57:15 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Systemwide functionality and continuity to slot 2
- Starting dib_test
- Temperature at PE Ch00 is 57 deg C
- Temperature at PE Ch60 is 42 deg C
- Temperature at Incoming Air is 27 deg C
- Temperature at TG Ch00 is 48 deg C
- Starting BPMU Force Voltage
- Starting Bpmu Clamp Voltage
- Starting Bpmu Measure Voltage
- Starting Bpmu Measure Current
- Starting Bpmu Force current
- Starting Bpmu Limit current
- Starting Channel Drive Levels: Vih Vil
- Starting Channel Compare Levels: Voh Vol
- Starting Channel Clamps: Vch Vcl
- Starting Channel Loads: Ioh Iol
- Starting Channel Load Threshold: Vt
- Starting HV Channel Drive Levels

- Starting HV Channel Drive Current
- Ppmu Mi Warmup 1:59:38 PM
- Ppmu Mi Warmup 1:59:38 PM
- Starting Ppmu Force Voltage
- Starting Ppmu Measure Voltage
- Starting Ppmu Force Current Ppmu Force 200ua
- Starting Ppmu Force Current Ppmu Force 2ma
- Starting Ppmu Measure 2ma
- Continuing Ppmu Measure Current chan 143
- Continuing Ppmu Measure Current chan 159
- Continuing Ppmu Measure Current chan 175
- Continuing Ppmu Measure Current chan 191
- Starting Ppmu Measure 200ua
- Continuing Ppmu Measure Current chan 143
- Continuing Ppmu Measure Current chan 159
- Continuing Ppmu Measure Current chan 175
- Continuing Ppmu Measure Current chan 191
- Starting Ppmu Measure Int 20ua
- Continuing Ppmu Measure Current chan 143
- Continuing Ppmu Measure Current chan 159
- Continuing Ppmu Measure Current chan 175
- Continuing Ppmu Measure Current chan 191
- Starting Ppmu Measure Int 2ua
- Continuing Ppmu Measure Current chan 143
- Continuing Ppmu Measure Current chan 159
- Continuing Ppmu Measure Current chan 175
- Continuing Ppmu Measure Current chan 191
- Starting Ppmu Measure Int 200na
- Continuing Ppmu Measure Current chan 143
- Continuing Ppmu Measure Current chan 159
- Continuing Ppmu Measure Current chan 175
- Continuing Ppmu Measure Current chan 191
- Finished Channel Calibration

%JOB_END - ****PASSED**** Channel_Board_DIB Calibration of slot 2 (8031A77) at 2:02:37 PM

%JOB_START - Beginning Channel_Board_DIB Calibration test on slot 3 at 2:02:44 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Systemwide functionality and continuity to slot 3
- Starting dib_test
- Temperature at PE Ch00 is 66 deg C
- Temperature at PE Ch60 is 44 deg C
- Temperature at Incoming Air is 27 deg C
- Temperature at TG Ch00 is 48 deg C
- Starting BPMU Force Voltage
- Starting Bpmu Clamp Voltage
- Starting Bpmu Measure Voltage
- Starting Bpmu Measure Current
- Starting Bpmu Force current
- Starting Bpmu Limit current
- Starting Channel Drive Levels: Vih Vil
- Starting Channel Compare Levels: Voh Vol
- Starting Channel Clamps: Vch Vcl
- Starting Channel Loads: Ioh Iol
- Starting Channel Load Threshold: Vt
- Starting HV Channel Drive Levels
- Starting HV Channel Drive Current
- Ppmu Mi Warmup 2:05:05 PM
- Ppmu Mi Warmup 2:05:05 PM
- Starting Ppmu Force Voltage
- Starting Ppmu Measure Voltage
- Starting Ppmu Force Current Ppmu Force 200ua
- Starting Ppmu Force Current Ppmu Force 2ma
- Starting Ppmu Measure 2ma
- Continuing Ppmu Measure Current chan 207
- Continuing Ppmu Measure Current chan 223
- Continuing Ppmu Measure Current chan 239
- Continuing Ppmu Measure Current chan 255
- Starting Ppmu Measure 200ua
- Continuing Ppmu Measure Current chan 207
- Continuing Ppmu Measure Current chan 223
- Continuing Ppmu Measure Current chan 239
- Continuing Ppmu Measure Current chan 255

- Starting Ppmu Measure Int 20ua
- Continuing Ppmu Measure Current chan 207
- Continuing Ppmu Measure Current chan 223
- Continuing Ppmu Measure Current chan 239
- Continuing Ppmu Measure Current chan 255
- Starting Ppmu Measure Int 2ua
- Continuing Ppmu Measure Current chan 207
- Continuing Ppmu Measure Current chan 223
- Continuing Ppmu Measure Current chan 239
- Continuing Ppmu Measure Current chan 255
- Starting Ppmu Measure Int 200na
- Continuing Ppmu Measure Current chan 207
- Continuing Ppmu Measure Current chan 223
- Continuing Ppmu Measure Current chan 239
- Continuing Ppmu Measure Current chan 255
- Finished Channel Calibration

%JOB_END - ****PASSED**** Channel_Board_DIB Calibration of slot 3 (C001339) at 2:08:05 PM

%JOB_START - Beginning Channel_Board_DIB Calibration test on slot 4 at 2:08:11 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Systemwide functionality and continuity to slot 4
- Starting dib_test
- Temperature at PE Ch00 is 64 deg C
- Temperature at PE Ch60 is 44 deg C
- Temperature at Incoming Air is 27 deg C
- Temperature at TG Ch00 is 47 deg C
- Starting BPMU Force Voltage
- Starting Bpmu Clamp Voltage
- Starting Bpmu Measure Voltage
- Starting Bpmu Measure Current
- Starting Bpmu Force current
- Starting Bpmu Limit current
- Starting Channel Drive Levels: Vih Vil
- Starting Channel Compare Levels: Voh Vol

- Starting Channel Clamps: Vch Vcl
- Starting Channel Loads: Ioh Iol
- Starting Channel Load Threshold: Vt
- Starting HV Channel Drive Levels
- Starting HV Channel Drive Current
- Ppmu Mi Warmup 2:10:31 PM
- Ppmu Mi Warmup 2:10:31 PM
- Starting Ppmu Force Voltage
- Starting Ppmu Measure Voltage
- Starting Ppmu Force Current Ppmu Force 200ua
- Starting Ppmu Force Current Ppmu Force 2ma
- Starting Ppmu Measure 2ma
  - Continuing Ppmu Measure Current chan 271
  - Continuing Ppmu Measure Current chan 287
  - Continuing Ppmu Measure Current chan 303
  - Continuing Ppmu Measure Current chan 319
- Starting Ppmu Measure 200ua
  - Continuing Ppmu Measure Current chan 271
  - Continuing Ppmu Measure Current chan 287
  - Continuing Ppmu Measure Current chan 303
  - Continuing Ppmu Measure Current chan 319
- Starting Ppmu Measure Int 20ua
  - Continuing Ppmu Measure Current chan 271
  - Continuing Ppmu Measure Current chan 287
  - Continuing Ppmu Measure Current chan 303
  - Continuing Ppmu Measure Current chan 319
- Starting Ppmu Measure Int 2ua
  - Continuing Ppmu Measure Current chan 271
  - Continuing Ppmu Measure Current chan 287
  - Continuing Ppmu Measure Current chan 303
  - Continuing Ppmu Measure Current chan 319
- Starting Ppmu Measure Int 200na
  - Continuing Ppmu Measure Current chan 271
  - Continuing Ppmu Measure Current chan 287
  - Continuing Ppmu Measure Current chan 303
  - Continuing Ppmu Measure Current chan 319
- Finished Channel Calibration

%JOB_END - ****PASSED**** Channel_Board_DIB Calibration of slot 4 (C009D4A) at 2:13:31 PM

%JOB_START - Beginning Channel_Board_DIB Calibration test on slot 5 at 2:13:37 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Systemwide functionality and continuity to slot 5
- Starting dib_test
- Temperature at PE Ch00 is 65 deg C
- Temperature at PE Ch60 is 44 deg C
- Temperature at Incoming Air is 27 deg C
- Temperature at TG Ch00 is 48 deg C
- Starting BPMU Force Voltage
- Starting Bpmu Clamp Voltage
- Starting Bpmu Measure Voltage
- Starting Bpmu Measure Current
- Starting Bpmu Force current
- Starting Bpmu Limit current
- Starting Channel Drive Levels: Vih Vil
- Starting Channel Compare Levels: Voh Vol
- Starting Channel Clamps: Vch Vcl
- Starting Channel Loads: Ioh Iol
- Starting Channel Load Threshold: Vt
- Starting HV Channel Drive Levels
- Starting HV Channel Drive Current
- Ppmu Mi Warmup 2:15:59 PM
- Ppmu Mi Warmup 2:15:59 PM
- Starting Ppmu Force Voltage
- Starting Ppmu Measure Voltage
- Starting Ppmu Force Current Ppmu Force 200ua
- Starting Ppmu Force Current Ppmu Force 2ma
- Starting Ppmu Measure 2ma
- Continuing Ppmu Measure Current chan 335
- Continuing Ppmu Measure Current chan 351
- Continuing Ppmu Measure Current chan 367
- Continuing Ppmu Measure Current chan 383

- Starting Ppmu Measure 200ua
- Continuing Ppmu Measure Current chan 335
- Continuing Ppmu Measure Current chan 351
- Continuing Ppmu Measure Current chan 367
- Continuing Ppmu Measure Current chan 383
- Starting Ppmu Measure Int 20ua
- Continuing Ppmu Measure Current chan 335
- Continuing Ppmu Measure Current chan 351
- Continuing Ppmu Measure Current chan 367
- Continuing Ppmu Measure Current chan 383
- Starting Ppmu Measure Int 2ua
- Continuing Ppmu Measure Current chan 335
- Continuing Ppmu Measure Current chan 351
- Continuing Ppmu Measure Current chan 367
- Continuing Ppmu Measure Current chan 383
- Starting Ppmu Measure Int 200na
- Continuing Ppmu Measure Current chan 335
- Continuing Ppmu Measure Current chan 351
- Continuing Ppmu Measure Current chan 367
- Continuing Ppmu Measure Current chan 383
- Finished Channel Calibration

%JOB_END - ****PASSED**** Channel_Board_DIB Calibration of slot 5 (C00A4AC) at 2:18:59 PM

%JOB_START - Beginning Channel_Board_DIB Calibration test on slot 6 at 2:19:05 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Systemwide functionality and continuity to slot 6
- Starting dib_test
- Temperature at PE Ch00 is 57 deg C
- Temperature at PE Ch60 is 45 deg C
- Temperature at Incoming Air is 27 deg C
- Temperature at TG Ch00 is 46 deg C
- Starting BPMU Force Voltage
- Starting Bpmu Clamp Voltage

- Starting Bpmu Measure Voltage
- Starting Bpmu Measure Current
- Starting Bpmu Force current
- Starting Bpmu Limit current
- Starting Channel Drive Levels: Vih Vil
- Starting Channel Compare Levels: Voh Vol
- Starting Channel Clamps: Vch Vcl
- Starting Channel Loads: Ioh Iol
- Starting Channel Load Threshold: Vt
- Starting HV Channel Drive Levels
- Starting HV Channel Drive Current
- Ppmu Mi Warmup 2:21:27 PM
- Ppmu Mi Warmup 2:21:27 PM
- Starting Ppmu Force Voltage
- Starting Ppmu Measure Voltage
- Starting Ppmu Force Current Ppmu Force 200ua
- Starting Ppmu Force Current Ppmu Force 2ma
- Starting Ppmu Measure 2ma
  - Continuing Ppmu Measure Current chan 399
  - Continuing Ppmu Measure Current chan 415
  - Continuing Ppmu Measure Current chan 431
  - Continuing Ppmu Measure Current chan 447
- Starting Ppmu Measure 200ua
  - Continuing Ppmu Measure Current chan 399
  - Continuing Ppmu Measure Current chan 415
  - Continuing Ppmu Measure Current chan 431
  - Continuing Ppmu Measure Current chan 447
- Starting Ppmu Measure Int 20ua
  - Continuing Ppmu Measure Current chan 399
  - Continuing Ppmu Measure Current chan 415
  - Continuing Ppmu Measure Current chan 431
  - Continuing Ppmu Measure Current chan 447
- Starting Ppmu Measure Int 2ua
  - Continuing Ppmu Measure Current chan 399
  - Continuing Ppmu Measure Current chan 415
  - Continuing Ppmu Measure Current chan 431
  - Continuing Ppmu Measure Current chan 447
- Starting Ppmu Measure Int 200na

- Continuing Ppmu Measure Current chan 399
- Continuing Ppmu Measure Current chan 415
- Continuing Ppmu Measure Current chan 431
- Continuing Ppmu Measure Current chan 447
- Finished Channel Calibration

%JOB_END - ****PASSED**** Channel_Board_DIB Calibration of slot 6 (C0CEB4F) at 2:24:26 PM

%JOB_START - Beginning Channel_Board_DIB Calibration test on slot 7 at 2:24:33 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Systemwide functionality and continuity to slot 7
- Starting dib_test
- Temperature at PE Ch00 is 58 deg C
- Temperature at PE Ch60 is 46 deg C
- Temperature at Incoming Air is 28 deg C
- Temperature at TG Ch00 is 49 deg C
- Starting BPMU Force Voltage
- Starting Bpmu Clamp Voltage
- Starting Bpmu Measure Voltage
- Starting Bpmu Measure Current
- Starting Bpmu Force current
- Starting Bpmu Limit current
- Starting Channel Drive Levels: Vih Vil
- Starting Channel Compare Levels: Voh Vol
- Starting Channel Clamps: Vch Vcl
- Starting Channel Loads: Ioh Iol
- Starting Channel Load Threshold: Vt
- Starting HV Channel Drive Levels
- Starting HV Channel Drive Current
- Ppmu Mi Warmup 2:26:51 PM
- Ppmu Mi Warmup 2:26:51 PM
- Starting Ppmu Force Voltage
- Starting Ppmu Measure Voltage
- Starting Ppmu Force Current Ppmu Force 200ua

- Starting Ppmu Force Current Ppmu Force 2ma
- Starting Ppmu Measure 2ma
- Continuing Ppmu Measure Current chan 463
- Continuing Ppmu Measure Current chan 479
- Continuing Ppmu Measure Current chan 495
- Continuing Ppmu Measure Current chan 511
- Starting Ppmu Measure 200ua
- Continuing Ppmu Measure Current chan 463
- Continuing Ppmu Measure Current chan 479
- Continuing Ppmu Measure Current chan 495
- Continuing Ppmu Measure Current chan 511
- Starting Ppmu Measure Int 20ua
- Continuing Ppmu Measure Current chan 463
- Continuing Ppmu Measure Current chan 479
- Continuing Ppmu Measure Current chan 495
- Continuing Ppmu Measure Current chan 511
- Starting Ppmu Measure Int 2ua
- Continuing Ppmu Measure Current chan 463
- Continuing Ppmu Measure Current chan 479
- Continuing Ppmu Measure Current chan 495
- Continuing Ppmu Measure Current chan 511
- Starting Ppmu Measure Int 200na
- Continuing Ppmu Measure Current chan 463
- Continuing Ppmu Measure Current chan 479
- Continuing Ppmu Measure Current chan 495
- Continuing Ppmu Measure Current chan 511
- Finished Channel Calibration

%JOB_END - ****PASSED**** Channel_Board_DIB Calibration of slot 7 (C00A49E) at 2:29:51 PM

%JOB_START - Beginning DPS_DIB Calibration test on slot 21 at 2:29:57 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Starting DPS Calibration on slot 21

- Calibrating DPS Voltage on slot 21

- Calibrating DPS Current Limit on slot 21
- Calibrating DPS Current Measure (50uA Range) on slot 21
- Calibrating DPS Current Measure (500uA Range) on slot 21
- Calibrating DPS Current Measure (10mA Range) on slot 21
- Calibrating DPS Current Measure (100mA Range) on slot 21
- Calibrating DPS Current Measure (1A Range) on slot 21

- Finished DPS Calibration on slot 21

%JOB_END - ****PASSED**** DPS_DIB Calibration of slot 21 (C005C79) at 2:30:12 PM

%JOB_START - Beginning DPS_DIB Calibration test on slot 22 at 2:30:18 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Starting DPS Calibration on slot 22

- Calibrating DPS Voltage on slot 22
- Calibrating DPS Current Limit on slot 22
- Calibrating DPS Current Measure (50uA Range) on slot 22
- Calibrating DPS Current Measure (500uA Range) on slot 22
- Calibrating DPS Current Measure (10mA Range) on slot 22
- Calibrating DPS Current Measure (100mA Range) on slot 22
- Calibrating DPS Current Measure (1A Range) on slot 22

- Finished DPS Calibration on slot 22

%JOB_END - ****PASSED**** DPS_DIB Calibration of slot 22 (C00CFD9) at 2:30:33 PM

%JOB_START - Beginning DPS_DIB Calibration test on slot 23 at 2:30:39 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Starting DPS Calibration on slot 23

- Calibrating DPS Voltage on slot 23

- Calibrating DPS Current Limit on slot 23
- Calibrating DPS Current Measure (50uA Range) on slot 23
- Calibrating DPS Current Measure (500uA Range) on slot 23
- Calibrating DPS Current Measure (10mA Range) on slot 23
- Calibrating DPS Current Measure (100mA Range) on slot 23
- Calibrating DPS Current Measure (1A Range) on slot 23

- Finished DPS Calibration on slot 23

%JOB_END - ****PASSED**** DPS_DIB Calibration of slot 23 (C00A799) at 2:30:54 PM

%JOB_START - Beginning DPS_DIB Calibration test on slot 24 at 2:31:00 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Starting DPS Calibration on slot 24

- Calibrating DPS Voltage on slot 24
- Calibrating DPS Current Limit on slot 24
- Calibrating DPS Current Measure (50uA Range) on slot 24
- Calibrating DPS Current Measure (500uA Range) on slot 24
- Calibrating DPS Current Measure (10mA Range) on slot 24
- Calibrating DPS Current Measure (100mA Range) on slot 24
- Calibrating DPS Current Measure (1A Range) on slot 24

- Finished DPS Calibration on slot 24

%JOB_END - ****PASSED**** DPS_DIB Calibration of slot 24 (C00CFC3) at 2:31:15 PM

%JOB_START - Beginning CTO_DIB Calibration test on slot 17 at 2:31:21 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Performing CTO Voltage Reference Calibration
- Performing CTO PPMU Force Voltage Calibration
- Performing CTO PPMU Measure Voltage Calibration

- Performing CTO PPMU Measure and Force Current Calibration on channel 0
- Performing CTO PPMU Measure and Force Current Calibration on channel 1
- Performing CTO PPMU Measure and Force Current Calibration on channel 2
- Performing CTO PPMU Measure and Force Current Calibration on channel 3
- Performing CTO PPMU Measure and Force Current Calibration on channel 4
- Performing CTO PPMU Measure and Force Current Calibration on channel 5
- Performing CTO PPMU Measure and Force Current Calibration on channel 6
- Performing CTO PPMU Measure and Force Current Calibration on channel 7

%JOB_END - ****PASSED**** CTO_DIB Calibration of slot 17 (C006B6E) at 2:32:52 PM

%JOB_START - Beginning AC Calibration at 2:32:58 PM on 2/29/2020 in High Accuracy Mode
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Beginning Digital Channel Timing Calibration
- Building List of Digital Channels
- Checking CalDIB AC Continuity for all Digital Channels
- Calibrating Super Linear Interpolator (SLI)
- Measuring Cub Round Trip Delay
- Measuring RF Matrix Delay
- Calibrating Drive Edges
- Calibrating Receive Edges
- Calibrating Receive Window
- Calibrating Mux Drive
- Calibrating Receive Mux
- Completed Digital Channel Timing Calibration

%JOB_END - ****PASSED**** AC Calibration at 3:08:43 PM

%JOB_START - Beginning Channel_Board Performance Verification test on slot 0 at 3:08:49 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Starting dib_test
- Temperature at PE Ch00 is 58 deg C

- Temperature at PE Ch60 is 42 deg C
- Temperature at Incoming Air is 28 deg C
- Temperature at TG Ch00 is 49 deg C
- Performing VIH/VIL level tests... at DGS=0mV
- Performing IOH/IOL level tests...
- Performing VT level tests...
- Starting Channel Comparator Performance Verification on slot 0
- Finished Channel Comparator Performance Verification on slot 0
- Performing Clamp level tests...
- Performing PPMU force voltage tests...
- Performing PPMU measure voltage tests...
- Performing PPMU force current tests...
- Performing PPMU measure current tests... DGS=0mV
- Starting BPMU Performance Verification on slot 0, DGS=-215.454 mV
- Verifying BPMU Forced Voltage Accuracy
- Verifying BPMU Voltage Measure Accuracy
- Verifying BPMU Forced Current Accuracy
- Verifying BPMU Current Measure Accuracy
- Verifying BPMU Voltage Clamping Accuracy
- Verifying BPMU Current Clamping Accuracy
- Starting BPMU Performance Verification on slot 0, DGS= 3.558 mV
- Verifying BPMU Forced Voltage Accuracy
- Verifying BPMU Voltage Measure Accuracy
- Verifying BPMU Forced Current Accuracy
- Verifying BPMU Current Measure Accuracy
- Verifying BPMU Voltage Clamping Accuracy
- Verifying BPMU Current Clamping Accuracy
- Starting BPMU Performance Verification on slot 0, DGS= 181.036 mV
- Verifying BPMU Forced Voltage Accuracy
- Verifying BPMU Voltage Measure Accuracy
- Verifying BPMU Forced Current Accuracy
- Verifying BPMU Current Measure Accuracy
- Verifying BPMU Voltage Clamping Accuracy
- Verifying BPMU Current Clamping Accuracy

- Finished BPMU Performance Verification on slot 0

- Starting High Voltage DC Performance Verification on slot 0

- Finished High Voltage DC Performance Verification on slot 0

%JOB_END - ****PASSED**** Channel_Board Performance Verification of slot 0 (C003290) at 3:17:08 PM

%JOB_START - Beginning Channel_Board Performance Verification test on slot 1 at 3:17:14 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Starting dib_test
- Temperature at PE Ch00 is 55 deg C
- Temperature at PE Ch60 is 39 deg C
- Temperature at Incoming Air is 26 deg C
- Temperature at TG Ch00 is 43 deg C
- Performing VIH/VIL level tests... at DGS=0mV
- Performing IOH/IOL level tests...
- Performing VT level tests...
- Starting Channel Comparator Performance Verification on slot 1
- Finished Channel Comparator Performance Verification on slot 1
- Performing Clamp level tests...
- Performing PPMU force voltage tests...
- Performing PPMU measure voltage tests...
- Performing PPMU force current tests...
- Performing PPMU measure current tests... DGS=0mV
- Starting BPMU Performance Verification on slot 1, DGS=-217.849 mV
- Verifying BPMU Forced Voltage Accuracy
- Verifying BPMU Voltage Measure Accuracy
- Verifying BPMU Forced Current Accuracy
- Verifying BPMU Current Measure Accuracy
- Verifying BPMU Voltage Clamping Accuracy
- Verifying BPMU Current Clamping Accuracy
- Starting BPMU Performance Verification on slot 1, DGS= 1.271 mV
- Verifying BPMU Forced Voltage Accuracy
- Verifying BPMU Voltage Measure Accuracy
- Verifying BPMU Forced Current Accuracy
- Verifying BPMU Current Measure Accuracy
- Verifying BPMU Voltage Clamping Accuracy

- Verifying BPMU Current Clamping Accuracy
- Starting BPMU Performance Verification on slot 1, DGS= 178.416 mV
- Verifying BPMU Forced Voltage Accuracy
- Verifying BPMU Voltage Measure Accuracy
- Verifying BPMU Forced Current Accuracy
- Verifying BPMU Current Measure Accuracy
- Verifying BPMU Voltage Clamping Accuracy
- Verifying BPMU Current Clamping Accuracy

- Finished BPMU Performance Verification on slot 1

- Starting High Voltage DC Performance Verification on slot 1
- Finished High Voltage DC Performance Verification on slot 1

%JOB_END - ****PASSED**** Channel_Board Performance Verification of slot 1 (500043A) at 3:25:32 PM

%JOB_START - Beginning Channel_Board Performance Verification test on slot 2 at 3:25:38 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Starting dib_test
- Temperature at PE Ch00 is 57 deg C
- Temperature at PE Ch60 is 39 deg C
- Temperature at Incoming Air is 27 deg C
- Temperature at TG Ch00 is 48 deg C
- Performing VIH/VIL level tests... at DGS=0mV
- Performing IOH/IOL level tests...
- Performing VT level tests...
- Starting Channel Comparator Performance Verification on slot 2
- Finished Channel Comparator Performance Verification on slot 2
- Performing Clamp level tests...
- Performing PPMU force voltage tests...
- Performing PPMU measure voltage tests...
- Performing PPMU force current tests...
- Performing PPMU measure current tests... DGS=0mV
- Starting BPMU Performance Verification on slot 2, DGS=-212.717 mV

- Verifying BPMU Forced Voltage Accuracy
- Verifying BPMU Voltage Measure Accuracy
- Verifying BPMU Forced Current Accuracy
- Verifying BPMU Current Measure Accuracy
- Verifying BPMU Voltage Clamping Accuracy
- Verifying BPMU Current Clamping Accuracy
- Starting BPMU Performance Verification on slot 2, DGS= 6.461 mV
- Verifying BPMU Forced Voltage Accuracy
- Verifying BPMU Voltage Measure Accuracy
- Verifying BPMU Forced Current Accuracy
- Verifying BPMU Current Measure Accuracy
- Verifying BPMU Voltage Clamping Accuracy
- Verifying BPMU Current Clamping Accuracy
- Starting BPMU Performance Verification on slot 2, DGS= 183.568 mV
- Verifying BPMU Forced Voltage Accuracy
- Verifying BPMU Voltage Measure Accuracy
- Verifying BPMU Forced Current Accuracy
- Verifying BPMU Current Measure Accuracy
- Verifying BPMU Voltage Clamping Accuracy
- Verifying BPMU Current Clamping Accuracy

- Finished BPMU Performance Verification on slot 2

- Starting High Voltage DC Performance Verification on slot 2
- Finished High Voltage DC Performance Verification on slot 2

%JOB_END - ****PASSED**** Channel_Board Performance Verification of slot 2 (8031A77) at 3:33:57 PM

%JOB_START - Beginning Channel_Board Performance Verification test on slot 3 at 3:34:03 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Starting dib_test
- Temperature at PE Ch00 is 58 deg C
- Temperature at PE Ch60 is 41 deg C
- Temperature at Incoming Air is 27 deg C

- Temperature at TG Ch00 is 47 deg C
- Performing VIH/VIL level tests... at DGS=0mV
- Performing IOH/IOL level tests...
- Performing VT level tests...
- Starting Channel Comparator Performance Verification on slot 3
- Finished Channel Comparator Performance Verification on slot 3
- Performing Clamp level tests...
- Performing PPMU force voltage tests...
- Performing PPMU measure voltage tests...
- Performing PPMU force current tests...
- Performing PPMU measure current tests... DGS=0mV
- Starting BPMU Performance Verification on slot 3, DGS=-217.155 mV
- Verifying BPMU Forced Voltage Accuracy
- Verifying BPMU Voltage Measure Accuracy
- Verifying BPMU Forced Current Accuracy
- Verifying BPMU Current Measure Accuracy
- Verifying BPMU Voltage Clamping Accuracy
- Verifying BPMU Current Clamping Accuracy
- Starting BPMU Performance Verification on slot 3, DGS= 2.180 mV
- Verifying BPMU Forced Voltage Accuracy
- Verifying BPMU Voltage Measure Accuracy
- Verifying BPMU Forced Current Accuracy
- Verifying BPMU Current Measure Accuracy
- Verifying BPMU Voltage Clamping Accuracy
- Verifying BPMU Current Clamping Accuracy
- Starting BPMU Performance Verification on slot 3, DGS= 179.345 mV
- Verifying BPMU Forced Voltage Accuracy
- Verifying BPMU Voltage Measure Accuracy
- Verifying BPMU Forced Current Accuracy
- Verifying BPMU Current Measure Accuracy
- Verifying BPMU Voltage Clamping Accuracy
- Verifying BPMU Current Clamping Accuracy

- Finished BPMU Performance Verification on slot 3

- Starting High Voltage DC Performance Verification on slot 3
- Finished High Voltage DC Performance Verification on slot 3

%JOB_END - ****PASSED**** Channel_Board Performance Verification of slot 3 (C001339) at 3:42:21 PM

%JOB_START - Beginning Channel_Board Performance Verification test on slot 4 at 3:42:27 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Starting dib_test
- Temperature at PE Ch00 is 57 deg C
- Temperature at PE Ch60 is 41 deg C
- Temperature at Incoming Air is 27 deg C
- Temperature at TG Ch00 is 46 deg C
- Performing VIH/VIL level tests... at DGS=0mV
- Performing IOH/IOL level tests...
- Performing VT level tests...
- Starting Channel Comparator Performance Verification on slot 4
- Finished Channel Comparator Performance Verification on slot 4
- Performing Clamp level tests...
- Performing PPMU force voltage tests...
- Performing PPMU measure voltage tests...
- Performing PPMU force current tests...
- Performing PPMU measure current tests... DGS=0mV
- Starting BPMU Performance Verification on slot 4, DGS=-214.174 mV
- Verifying BPMU Forced Voltage Accuracy
- Verifying BPMU Voltage Measure Accuracy
- Verifying BPMU Forced Current Accuracy
- Verifying BPMU Current Measure Accuracy
- Verifying BPMU Voltage Clamping Accuracy
- Verifying BPMU Current Clamping Accuracy
- Starting BPMU Performance Verification on slot 4, DGS= 5.132 mV
- Verifying BPMU Forced Voltage Accuracy
- Verifying BPMU Voltage Measure Accuracy
- Verifying BPMU Forced Current Accuracy
- Verifying BPMU Current Measure Accuracy
- Verifying BPMU Voltage Clamping Accuracy
- Verifying BPMU Current Clamping Accuracy
- Starting BPMU Performance Verification on slot 4, DGS= 182.268 mV

- Verifying BPMU Forced Voltage Accuracy
- Verifying BPMU Voltage Measure Accuracy
- Verifying BPMU Forced Current Accuracy
- Verifying BPMU Current Measure Accuracy
- Verifying BPMU Voltage Clamping Accuracy
- Verifying BPMU Current Clamping Accuracy

- Finished BPMU Performance Verification on slot 4

- Starting High Voltage DC Performance Verification on slot 4
- Finished High Voltage DC Performance Verification on slot 4

%JOB_END - ****PASSED**** Channel_Board Performance Verification of slot 4 (C009D4A) at 3:50:45 PM

%JOB_START - Beginning Channel_Board Performance Verification test on slot 5 at 3:50:51 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Starting dib_test
- Temperature at PE Ch00 is 57 deg C
- Temperature at PE Ch60 is 40 deg C
- Temperature at Incoming Air is 27 deg C
- Temperature at TG Ch00 is 47 deg C
- Performing VIH/VIL level tests... at DGS=0mV
- Performing IOH/IOL level tests...
- Performing VT level tests...
- Starting Channel Comparator Performance Verification on slot 5
- Finished Channel Comparator Performance Verification on slot 5
- Performing Clamp level tests...
- Performing PPMU force voltage tests...
- Performing PPMU measure voltage tests...
- Performing PPMU force current tests...
- Performing PPMU measure current tests... DGS=0mV
- Starting BPMU Performance Verification on slot 5, DGS=-215.190 mV
- Verifying BPMU Forced Voltage Accuracy
- Verifying BPMU Voltage Measure Accuracy

- Verifying BPMU Forced Current Accuracy
- Verifying BPMU Current Measure Accuracy
- Verifying BPMU Voltage Clamping Accuracy
- Verifying BPMU Current Clamping Accuracy
- Starting BPMU Performance Verification on slot 5, DGS= 4.027 mV
- Verifying BPMU Forced Voltage Accuracy
- Verifying BPMU Voltage Measure Accuracy
- Verifying BPMU Forced Current Accuracy
- Verifying BPMU Current Measure Accuracy
- Verifying BPMU Voltage Clamping Accuracy
- Verifying BPMU Current Clamping Accuracy
- Starting BPMU Performance Verification on slot 5, DGS= 181.144 mV
- Verifying BPMU Forced Voltage Accuracy
- Verifying BPMU Voltage Measure Accuracy
- Verifying BPMU Forced Current Accuracy
- Verifying BPMU Current Measure Accuracy
- Verifying BPMU Voltage Clamping Accuracy
- Verifying BPMU Current Clamping Accuracy

- Finished BPMU Performance Verification on slot 5

- Starting High Voltage DC Performance Verification on slot 5
- Finished High Voltage DC Performance Verification on slot 5

%JOB_END - ****PASSED**** Channel_Board Performance Verification of slot 5 (C00A4AC) at 3:59:09 PM

%JOB_START - Beginning Channel_Board Performance Verification test on slot 6 at 3:59:15 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Starting dib_test
- Temperature at PE Ch00 is 51 deg C
- Temperature at PE Ch60 is 41 deg C
- Temperature at Incoming Air is 27 deg C
- Temperature at TG Ch00 is 45 deg C
- Performing VIH/VIL level tests... at DGS=0mV

- Performing IOH/IOL level tests...
- Performing VT level tests...
- Starting Channel Comparator Performance Verification on slot 6
- Finished Channel Comparator Performance Verification on slot 6
- Performing Clamp level tests...
- Performing PPMU force voltage tests...
- Performing PPMU measure voltage tests...
- Performing PPMU force current tests...
- Performing PPMU measure current tests... DGS=0mV
- Starting BPMU Performance Verification on slot 6, DGS=-212.620 mV
- Verifying BPMU Forced Voltage Accuracy
- Verifying BPMU Voltage Measure Accuracy
- Verifying BPMU Forced Current Accuracy
- Verifying BPMU Current Measure Accuracy
- Verifying BPMU Voltage Clamping Accuracy
- Verifying BPMU Current Clamping Accuracy
- Starting BPMU Performance Verification on slot 6, DGS= 6.452 mV
- Verifying BPMU Forced Voltage Accuracy
- Verifying BPMU Voltage Measure Accuracy
- Verifying BPMU Forced Current Accuracy
- Verifying BPMU Current Measure Accuracy
- Verifying BPMU Voltage Clamping Accuracy
- Verifying BPMU Current Clamping Accuracy
- Starting BPMU Performance Verification on slot 6, DGS= 183.998 mV
- Verifying BPMU Forced Voltage Accuracy
- Verifying BPMU Voltage Measure Accuracy
- Verifying BPMU Forced Current Accuracy
- Verifying BPMU Current Measure Accuracy
- Verifying BPMU Voltage Clamping Accuracy
- Verifying BPMU Current Clamping Accuracy

- Finished BPMU Performance Verification on slot 6

- Starting High Voltage DC Performance Verification on slot 6
- Finished High Voltage DC Performance Verification on slot 6

%JOB_END - ****PASSED**** Channel_Board Performance Verification of slot 6 (C0CEB4F) at 4:07:33 PM

%JOB_START - Beginning Channel_Board Performance Verification test on slot 7 at 4:07:39 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Starting dib_test
- Temperature at PE Ch00 is 52 deg C
- Temperature at PE Ch60 is 42 deg C
- Temperature at Incoming Air is 28 deg C
- Temperature at TG Ch00 is 48 deg C
- Performing VIH/VIL level tests... at DGS=0mV
- Performing IOH/IOL level tests...
- Performing VT level tests...
- Starting Channel Comparator Performance Verification on slot 7
- Finished Channel Comparator Performance Verification on slot 7
- Performing Clamp level tests...
- Performing PPMU force voltage tests...
- Performing PPMU measure voltage tests...
- Performing PPMU force current tests...
- Performing PPMU measure current tests... DGS=0mV
- Starting BPMU Performance Verification on slot 7, DGS=-216.784 mV
- Verifying BPMU Forced Voltage Accuracy
- Verifying BPMU Voltage Measure Accuracy
- Verifying BPMU Forced Current Accuracy
- Verifying BPMU Current Measure Accuracy
- Verifying BPMU Voltage Clamping Accuracy
- Verifying BPMU Current Clamping Accuracy
- Starting BPMU Performance Verification on slot 7, DGS= 2.268 mV
- Verifying BPMU Forced Voltage Accuracy
- Verifying BPMU Voltage Measure Accuracy
- Verifying BPMU Forced Current Accuracy
- Verifying BPMU Current Measure Accuracy
- Verifying BPMU Voltage Clamping Accuracy
- Verifying BPMU Current Clamping Accuracy
- Starting BPMU Performance Verification on slot 7, DGS= 179.570 mV
- Verifying BPMU Forced Voltage Accuracy
- Verifying BPMU Voltage Measure Accuracy

- Verifying BPMU Forced Current Accuracy
- Verifying BPMU Current Measure Accuracy
- Verifying BPMU Voltage Clamping Accuracy
- Verifying BPMU Current Clamping Accuracy

- Finished BPMU Performance Verification on slot 7

- Starting High Voltage DC Performance Verification on slot 7
- Finished High Voltage DC Performance Verification on slot 7

%JOB_END - ****PASSED**** Channel_Board Performance Verification of slot 7 (C00A49E) at 4:15:58 PM

%JOB_START - Beginning DPS_DIB Performance Verification test on slot 21 at 4:16:04 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Starting DPS Performance Verification on slot 21

- Verifying DPS Voltage Accuracy
- Verifying DPS Current Limit Accuracy
- Verifying DPS Current Measure Accuracy
- Channel 0
- Channel 1
- Channel 2
- Channel 3
- Channel 4
- Channel 5
- Channel 6
- Channel 7
- Verifying DPS DIB MOUT Output Impedance Test

- Verifying DPS DIB Current Measure Output Accuracy

- Finished DPS Performance Verification on slot 21

%JOB_END - ****PASSED**** DPS_DIB Performance Verification of slot 21 (C005C79) at 4:16:57 PM

%JOB_START - Beginning DPS_DIB Performance Verification test on slot 22 at 4:17:03 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Starting DPS Performance Verification on slot 22

- Verifying DPS Voltage Accuracy
- Verifying DPS Current Limit Accuracy
- Verifying DPS Current Measure Accuracy
- Channel 0
- Channel 1
- Channel 2
- Channel 3
- Channel 4
- Channel 5
- Channel 6
- Channel 7
- Verifying DPS DIB MOUT Output Impedance Test

- Verifying DPS DIB Current Measure Output Accuracy

- Finished DPS Performance Verification on slot 22

%JOB_END - ****PASSED**** DPS_DIB Performance Verification of slot 22 (C00CFD9) at 4:17:56 PM

%JOB_START - Beginning DPS_DIB Performance Verification test on slot 23 at 4:18:02 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Starting DPS Performance Verification on slot 23

- Verifying DPS Voltage Accuracy
- Verifying DPS Current Limit Accuracy
- Verifying DPS Current Measure Accuracy
- Channel 0
- Channel 1
- Channel 2
- Channel 3
- Channel 4
- Channel 5
- Channel 6
- Channel 7
- Verifying DPS DIB MOUT Output Impedance Test

- Verifying DPS DIB Current Measure Output Accuracy

- Finished DPS Performance Verification on slot 23

%JOB_END - ****PASSED**** DPS_DIB Performance Verification of slot 23 (C00A799) at 4:18:55 PM

%JOB_START - Beginning DPS_DIB Performance Verification test on slot 24 at 4:19:01 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Starting DPS Performance Verification on slot 24

- Verifying DPS Voltage Accuracy
- Verifying DPS Current Limit Accuracy
- Verifying DPS Current Measure Accuracy
- Channel 0
- Channel 1
- Channel 2
- Channel 3
- Channel 4
- Channel 5

- Channel 6
- Channel 7
- Verifying DPS DIB MOUT Output Impedance Test

- Verifying DPS DIB Current Measure Output Accuracy

- Finished DPS Performance Verification on slot 24

%JOB_END - ****PASSED**** DPS_DIB Performance Verification of slot 24 (C00CFC3) at 4:19:54 PM

%JOB_START - Beginning CTO_DIB Performance Verification test on slot 17 at 4:20:00 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Performing source verification...
- Performing capture verification...
- Performing VREF verification...
- Performing PPMU Force V verification...
- Performing PPMU Measure V verification...
- Performing PPMU Force I verification...
- Performing PPMU Measure I verification...

%JOB_END - ****PASSED**** CTO_DIB Performance Verification of slot 17 (C006B6E) at 4:21:06 PM

%JOB_START - Beginning AC Performance Verification at 4:21:12 PM on 2/29/2020 in High Accuracy Mode

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Beginning Digital Channel Timing Performance Verification
- Started at 2/29/2020 4:21:12 PM

- Building List of Digital Channels

- Checking CalDIB AC Continuity for all Digital Channels
- Calibrating Super Linear Interpolator (SLI)
- Calibrating user DIB RTD
- Loading drive deskew registers
- Loading receive deskew registers

- Beginning of Drive Skew Test
- Acquiring Data for Slot 0
- Acquiring Data for Slot 1
- Acquiring Data for Slot 2
- Acquiring Data for Slot 3
- Acquiring Data for Slot 4
- Acquiring Data for Slot 5
- Acquiring Data for Slot 6
- Acquiring Data for Slot 7
- End of Drive Skew Test

- Beginning of Receive Skew Test
- Acquiring Data for Slot 0
- Acquiring Data for Slot 1
- Acquiring Data for Slot 2
- Acquiring Data for Slot 3
- Acquiring Data for Slot 4
- Acquiring Data for Slot 5
- Acquiring Data for Slot 6
- Acquiring Data for Slot 7
- End of Receive Skew Test

- Beginning of Drive Linearity Test
- Acquiring Data for Slot 0
- Acquiring Data for Slot 1
- Acquiring Data for Slot 2
- Acquiring Data for Slot 3
- Acquiring Data for Slot 4
- Acquiring Data for Slot 5
- Acquiring Data for Slot 6

- Acquiring Data for Slot 7
- End of Drive Linearity Test

- Beginning of Receive Linearity Test
- Acquiring Data for Slot 0
- Acquiring Data for Slot 1
- Acquiring Data for Slot 2
- Acquiring Data for Slot 3
- Acquiring Data for Slot 4
- Acquiring Data for Slot 5
- Acquiring Data for Slot 6
- Acquiring Data for Slot 7
- End of Receive Linearity Test

- Adding up error budget

- Completed Digital Channel Timing Performance Verification
- Finished at 2/29/2020 5:05:14 PM

%JOB_END - ****PASSED**** AC Performance Verification at 5:05:14 PM

Quick_Module_Check_PASS

%JOB_START - Beginning PCIT Quick Check test on slot 0 at 5:10:15 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- PCIT CARD INFORMATION:
  Part Number: 939-360-00
  Serial Number: 0
  Revision Date: A0422

%JOB_END - ****PASSED**** PCIT Quick Check of slot 0 at 5:10:16 PM

%JOB_START - Beginning CUB Quick Check test on slot 18 at 5:10:27 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Starting DIB Power Tests
- Completed DIB Power Tests
- Starting System Fan Checks
- Completed System Fan Checks
- Starting PG_History_Ram
- Completed PG_History_Ram
- Starting PG_Svm_Ram
- Completed PG_Svm_Ram
- Starting PG_Scramble_Ram, ADSS
- Completed PG_Scramble_Ram
- Starting PG_Scramble_Ram, Tset
- Completed PG_Scramble_Ram
- Skipping PG_LVM_BIST_Ram
- Beginning Qck_Register Test
- Completed Qck_Register Test
- Starting CalCub_TG_Register Tests
- LRS Off
- LRS On
- Completed CalCub_TG_Register Tests
- Started IdProm Test

- Completed IdProm Test
- Beginning Force Voltage Test
- Completed Force Voltage Test
- Beginning TestRefToDac
- Completed TestRefToDac
- Starting the CalCubSLITest
- Completed the CalCubSLITest

%JOB_END - ****PASSED**** CUB Quick Check of slot 18 (C33C201) at 5:10:32 PM

%JOB_START - Beginning Channel_Board Quick Check test on slot 0 at 5:10:38 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Started IdProm Test
- Completed IdProm Test
- Starting PG_History_Ram
- Completed PG_History_Ram
- Starting PG_Svm_Ram
- Completed PG_Svm_Ram
- Starting PG_Scramble_Ram, ADSS
- Completed PG_Scramble_Ram
- Starting PG_Scramble_Ram, Tset
- Completed PG_Scramble_Ram
- Starting PG_LVM_BIST_Ram (up to 32 sec)
- Completed PG_LVM_BIST_Ram in 21.6 sec
- LRS Off
- Starting TG Register Tests
- Completed TG Register Tests
- LRS On
- Starting TG Register Tests
- Completed TG Register Tests
- Starting 32 bit Read Test Using ADB Register
- Completed 32 bit Read Test Using ADB Register
- Starting TG_Period_Ram
- Completed TG_Period_Ram
- Starting TG_Period_Map_Ram
- Completed TG_Period_Map_Ram

- Starting TG_LVM_BIST_Ram (up to 32 sec)
- Completed TG_LVM_BIST_Ram in 10.8 sec
- Starting TG_History_Ram
- Completed TG_History_Ram
- Starting TG_SVM_Ram
- Completed TG_SVM_Ram
- Starting TG_ADSS_Ram
- Completed TG_ADSS_Ram
- Starting TG_KeepAlive_Ram
- Completed TG_KeepAlive_Ram
- Starting TG_Tset_LkDwn_Ram
- Completed TG_Tset_LkDwn_Ram
- Starting TG_Edge_Ram
- Completed TG_Edge_Ram
- Starting TG_Format_Ram
- Completed TG_Format_Ram
- Starting TG_FormatLkDwn_Ram
- Completed TG_FormatLkDwn_Ram
- Starting DCC FPGA Registers
- Completed DCC FPGA Registers
- Starting PPMU FPGA Registers
- Completed PPMU FPGA Registers
- Started Temp Sensor Test
- Completed Temp Sensor Test
- Checker COMPLETE!

%JOB_END - ****PASSED**** Channel_Board Quick Check of slot 0 (C003290) at 5:11:30 PM

%JOB_START - Beginning Channel_Board Quick Check test on slot 1 at 5:11:36 PM on 2/29/2020 Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Started IdProm Test
- Completed IdProm Test
- Starting PG_History_Ram
- Completed PG_History_Ram
- Starting PG_Svm_Ram
- Completed PG_Svm_Ram

- Starting PG_Scramble_Ram, ADSS
- Completed PG_Scramble_Ram
- Starting PG_Scramble_Ram, Tset
- Completed PG_Scramble_Ram
- Starting PG_LVM_BIST_Ram (up to 32 sec)
- Completed PG_LVM_BIST_Ram in 21.6 sec
- LRS Off
- Starting TG Register Tests
- Completed TG Register Tests
- LRS On
- Starting TG Register Tests
- Completed TG Register Tests
- Starting 32 bit Read Test Using ADB Register
- Completed 32 bit Read Test Using ADB Register
- Starting TG_Period_Ram
- Completed TG_Period_Ram
- Starting TG_Period_Map_Ram
- Completed TG_Period_Map_Ram
- Starting TG_LVM_BIST_Ram (up to 32 sec)
- Completed TG_LVM_BIST_Ram in 10.8 sec
- Starting TG_History_Ram
- Completed TG_History_Ram
- Starting TG_SVM_Ram
- Completed TG_SVM_Ram
- Starting TG_ADSS_Ram
- Completed TG_ADSS_Ram
- Starting TG_KeepAlive_Ram
- Completed TG_KeepAlive_Ram
- Starting TG_Tset_LkDwn_Ram
- Completed TG_Tset_LkDwn_Ram
- Starting TG_Edge_Ram
- Completed TG_Edge_Ram
- Starting TG_Format_Ram
- Completed TG_Format_Ram
- Starting TG_FormatLkDwn_Ram
- Completed TG_FormatLkDwn_Ram
- Starting DCC FPGA Registers
- Completed DCC FPGA Registers

- Starting PPMU FPGA Registers
- Completed PPMU FPGA Registers
- Started Temp Sensor Test
- Completed Temp Sensor Test
- Checker COMPLETE!

%JOB_END - ****PASSED**** Channel_Board Quick Check of slot 1 (500043A) at 5:12:28 PM

%JOB_START - Beginning Channel_Board Quick Check test on slot 2 at 5:12:34 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Started IdProm Test
- Completed IdProm Test
- Starting PG_History_Ram
- Completed PG_History_Ram
- Starting PG_Svm_Ram
- Completed PG_Svm_Ram
- Starting PG_Scramble_Ram, ADSS
- Completed PG_Scramble_Ram
- Starting PG_Scramble_Ram, Tset
- Completed PG_Scramble_Ram
- Starting PG_LVM_BIST_Ram (up to 32 sec)
- Completed PG_LVM_BIST_Ram in 21.6 sec
- LRS Off
- Starting TG Register Tests
- Completed TG Register Tests
- LRS On
- Starting TG Register Tests
- Completed TG Register Tests
- Starting 32 bit Read Test Using ADB Register
- Completed 32 bit Read Test Using ADB Register
- Starting TG_Period_Ram
- Completed TG_Period_Ram
- Starting TG_Period_Map_Ram
- Completed TG_Period_Map_Ram
- Starting TG_LVM_BIST_Ram (up to 32 sec)
- Completed TG_LVM_BIST_Ram in 10.8 sec

- Starting TG_History_Ram
- Completed TG_History_Ram
- Starting TG_SVM_Ram
- Completed TG_SVM_Ram
- Starting TG_ADSS_Ram
- Completed TG_ADSS_Ram
- Starting TG_KeepAlive_Ram
- Completed TG_KeepAlive_Ram
- Starting TG_Tset_LkDwn_Ram
- Completed TG_Tset_LkDwn_Ram
- Starting TG_Edge_Ram
- Completed TG_Edge_Ram
- Starting TG_Format_Ram
- Completed TG_Format_Ram
- Starting TG_FormatLkDwn_Ram
- Completed TG_FormatLkDwn_Ram
- Starting DCC FPGA Registers
- Completed DCC FPGA Registers
- Starting PPMU FPGA Registers
- Completed PPMU FPGA Registers
- Started Temp Sensor Test
- Completed Temp Sensor Test
- Checker COMPLETE!

%JOB_END - ****PASSED**** Channel_Board Quick Check of slot 2 (8031A77) at 5:13:26 PM

%JOB_START - Beginning Channel_Board Quick Check test on slot 3 at 5:13:32 PM on 2/29/2020 Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Started IdProm Test
- Completed IdProm Test
- Starting PG_History_Ram
- Completed PG_History_Ram
- Starting PG_Svm_Ram
- Completed PG_Svm_Ram
- Starting PG_Scramble_Ram, ADSS
- Completed PG_Scramble_Ram

- Starting PG_Scramble_Ram, Tset
- Completed PG_Scramble_Ram
- Starting PG_LVM_BIST_Ram (up to 32 sec)
- Completed PG_LVM_BIST_Ram in 21.6 sec
- LRS Off
- Starting TG Register Tests
- Completed TG Register Tests
- LRS On
- Starting TG Register Tests
- Completed TG Register Tests
- Starting 32 bit Read Test Using ADB Register
- Completed 32 bit Read Test Using ADB Register
- Starting TG_Period_Ram
- Completed TG_Period_Ram
- Starting TG_Period_Map_Ram
- Completed TG_Period_Map_Ram
- Starting TG_LVM_BIST_Ram (up to 32 sec)
- Completed TG_LVM_BIST_Ram in 10.8 sec
- Starting TG_History_Ram
- Completed TG_History_Ram
- Starting TG_SVM_Ram
- Completed TG_SVM_Ram
- Starting TG_ADSS_Ram
- Completed TG_ADSS_Ram
- Starting TG_KeepAlive_Ram
- Completed TG_KeepAlive_Ram
- Starting TG_Tset_LkDwn_Ram
- Completed TG_Tset_LkDwn_Ram
- Starting TG_Edge_Ram
- Completed TG_Edge_Ram
- Starting TG_Format_Ram
- Completed TG_Format_Ram
- Starting TG_FormatLkDwn_Ram
- Completed TG_FormatLkDwn_Ram
- Starting DCC FPGA Registers
- Completed DCC FPGA Registers
- Starting PPMU FPGA Registers
- Completed PPMU FPGA Registers

- Started Temp Sensor Test
- Completed Temp Sensor Test
- Checker COMPLETE!

%JOB_END - ****PASSED**** Channel_Board Quick Check of slot 3 (C001339) at 5:14:24 PM

%JOB_START - Beginning Channel_Board Quick Check test on slot 4 at 5:14:30 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Started IdProm Test
- Completed IdProm Test
- Starting PG_History_Ram
- Completed PG_History_Ram
- Starting PG_Svm_Ram
- Completed PG_Svm_Ram
- Starting PG_Scramble_Ram, ADSS
- Completed PG_Scramble_Ram
- Starting PG_Scramble_Ram, Tset
- Completed PG_Scramble_Ram
- Starting PG_LVM_BIST_Ram (up to 32 sec)
- Completed PG_LVM_BIST_Ram in 21.6 sec
- LRS Off
- Starting TG Register Tests
- Completed TG Register Tests
- LRS On
- Starting TG Register Tests
- Completed TG Register Tests
- Starting 32 bit Read Test Using ADB Register
- Completed 32 bit Read Test Using ADB Register
- Starting TG_Period_Ram
- Completed TG_Period_Ram
- Starting TG_Period_Map_Ram
- Completed TG_Period_Map_Ram
- Starting TG_LVM_BIST_Ram (up to 32 sec)
- Completed TG_LVM_BIST_Ram in 10.8 sec
- Starting TG_History_Ram
- Completed TG_History_Ram

- Starting TG_SVM_Ram
- Completed TG_SVM_Ram
- Starting TG_ADSS_Ram
- Completed TG_ADSS_Ram
- Starting TG_KeepAlive_Ram
- Completed TG_KeepAlive_Ram
- Starting TG_Tset_LkDwn_Ram
- Completed TG_Tset_LkDwn_Ram
- Starting TG_Edge_Ram
- Completed TG_Edge_Ram
- Starting TG_Format_Ram
- Completed TG_Format_Ram
- Starting TG_FormatLkDwn_Ram
- Completed TG_FormatLkDwn_Ram
- Starting DCC FPGA Registers
- Completed DCC FPGA Registers
- Starting PPMU FPGA Registers
- Completed PPMU FPGA Registers
- Started Temp Sensor Test
- Completed Temp Sensor Test
- Checker COMPLETE!

%JOB_END - ****PASSED**** Channel_Board Quick Check of slot 4 (C009D4A) at 5:15:22 PM

%JOB_START - Beginning Channel_Board Quick Check test on slot 5 at 5:15:28 PM on 2/29/2020 Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Started IdProm Test
- Completed IdProm Test
- Starting PG_History_Ram
- Completed PG_History_Ram
- Starting PG_Svm_Ram
- Completed PG_Svm_Ram
- Starting PG_Scramble_Ram, ADSS
- Completed PG_Scramble_Ram
- Starting PG_Scramble_Ram, Tset
- Completed PG_Scramble_Ram

- Starting PG_LVM_BIST_Ram (up to 32 sec)
- Completed PG_LVM_BIST_Ram in 21.6 sec
- LRS Off
- Starting TG Register Tests
- Completed TG Register Tests
- LRS On
- Starting TG Register Tests
- Completed TG Register Tests
- Starting 32 bit Read Test Using ADB Register
- Completed 32 bit Read Test Using ADB Register
- Starting TG_Period_Ram
- Completed TG_Period_Ram
- Starting TG_Period_Map_Ram
- Completed TG_Period_Map_Ram
- Starting TG_LVM_BIST_Ram (up to 32 sec)
- Completed TG_LVM_BIST_Ram in 10.8 sec
- Starting TG_History_Ram
- Completed TG_History_Ram
- Starting TG_SVM_Ram
- Completed TG_SVM_Ram
- Starting TG_ADSS_Ram
- Completed TG_ADSS_Ram
- Starting TG_KeepAlive_Ram
- Completed TG_KeepAlive_Ram
- Starting TG_Tset_LkDwn_Ram
- Completed TG_Tset_LkDwn_Ram
- Starting TG_Edge_Ram
- Completed TG_Edge_Ram
- Starting TG_Format_Ram
- Completed TG_Format_Ram
- Starting TG_FormatLkDwn_Ram
- Completed TG_FormatLkDwn_Ram
- Starting DCC FPGA Registers
- Completed DCC FPGA Registers
- Starting PPMU FPGA Registers
- Completed PPMU FPGA Registers
- Started Temp Sensor Test
- Completed Temp Sensor Test

- Checker COMPLETE!

%JOB_END - ****PASSED**** Channel_Board Quick Check of slot 5 (C00A4AC) at 5:16:19 PM

%JOB_START - Beginning Channel_Board Quick Check test on slot 6 at 5:16:26 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Started IdProm Test
- Completed IdProm Test
- Starting PG_History_Ram
- Completed PG_History_Ram
- Starting PG_Svm_Ram
- Completed PG_Svm_Ram
- Starting PG_Scramble_Ram, ADSS
- Completed PG_Scramble_Ram
- Starting PG_Scramble_Ram, Tset
- Completed PG_Scramble_Ram
- Starting PG_LVM_BIST_Ram (up to 32 sec)
- Completed PG_LVM_BIST_Ram in 21.6 sec

- LRS Off
- Starting TG Register Tests
- Completed TG Register Tests

- LRS On
- Starting TG Register Tests
- Completed TG Register Tests
- Starting 32 bit Read Test Using ADB Register
- Completed 32 bit Read Test Using ADB Register
- Starting TG_Period_Ram
- Completed TG_Period_Ram
- Starting TG_Period_Map_Ram
- Completed TG_Period_Map_Ram
- Starting TG_LVM_BIST_Ram (up to 32 sec)
- Completed TG_LVM_BIST_Ram in 10.8 sec
- Starting TG_History_Ram
- Completed TG_History_Ram
- Starting TG_SVM_Ram
- Completed TG_SVM_Ram

- Starting TG_ADSS_Ram
- Completed TG_ADSS_Ram
- Starting TG_KeepAlive_Ram
- Completed TG_KeepAlive_Ram
- Starting TG_Tset_LkDwn_Ram
- Completed TG_Tset_LkDwn_Ram
- Starting TG_Edge_Ram
- Completed TG_Edge_Ram
- Starting TG_Format_Ram
- Completed TG_Format_Ram
- Starting TG_FormatLkDwn_Ram
- Completed TG_FormatLkDwn_Ram
- Starting DCC FPGA Registers
- Completed DCC FPGA Registers
- Starting PPMU FPGA Registers
- Completed PPMU FPGA Registers
- Started Temp Sensor Test
- Completed Temp Sensor Test
- Checker COMPLETE!

%JOB_END - ****PASSED**** Channel_Board Quick Check of slot 6 (C0CEB4F) at 5:17:17 PM

%JOB_START - Beginning Channel_Board Quick Check test on slot 7 at 5:17:23 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Started IdProm Test
- Completed IdProm Test
- Starting PG_History_Ram
- Completed PG_History_Ram
- Starting PG_Svm_Ram
- Completed PG_Svm_Ram
- Starting PG_Scramble_Ram, ADSS
- Completed PG_Scramble_Ram
- Starting PG_Scramble_Ram, Tset
- Completed PG_Scramble_Ram
- Starting PG_LVM_BIST_Ram (up to 32 sec)
- Completed PG_LVM_BIST_Ram in 21.6 sec

- LRS Off
- Starting TG Register Tests
- Completed TG Register Tests
- LRS On
- Starting TG Register Tests
- Completed TG Register Tests
- Starting 32 bit Read Test Using ADB Register
- Completed 32 bit Read Test Using ADB Register
- Starting TG_Period_Ram
- Completed TG_Period_Ram
- Starting TG_Period_Map_Ram
- Completed TG_Period_Map_Ram
- Starting TG_LVM_BIST_Ram (up to 32 sec)
- Completed TG_LVM_BIST_Ram in 10.8 sec
- Starting TG_History_Ram
- Completed TG_History_Ram
- Starting TG_SVM_Ram
- Completed TG_SVM_Ram
- Starting TG_ADSS_Ram
- Completed TG_ADSS_Ram
- Starting TG_KeepAlive_Ram
- Completed TG_KeepAlive_Ram
- Starting TG_Tset_LkDwn_Ram
- Completed TG_Tset_LkDwn_Ram
- Starting TG_Edge_Ram
- Completed TG_Edge_Ram
- Starting TG_Format_Ram
- Completed TG_Format_Ram
- Starting TG_FormatLkDwn_Ram
- Completed TG_FormatLkDwn_Ram
- Starting DCC FPGA Registers
- Completed DCC FPGA Registers
- Starting PPMU FPGA Registers
- Completed PPMU FPGA Registers
- Started Temp Sensor Test
- Completed Temp Sensor Test
- Checker COMPLETE!

%JOB_END - ****PASSED**** Channel_Board Quick Check of slot 7 (C00A49E) at 5:18:15 PM

%JOB_START - Beginning Relay_Board_Lower Quick Check test on slot 0 at 5:18:22 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG012 in Slot 0 in Quick Mode (Cal Relay DIB Not Required)

%JOB_END - ****PASSED**** Relay_Board_Lower Quick Check of slot 0 at 5:18:22 PM

%JOB_START - Beginning Relay_Board_Lower Quick Check test on slot 1 at 5:18:28 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG012 in Slot 1 in Quick Mode (Cal Relay DIB Not Required)

%JOB_END - ****PASSED**** Relay_Board_Lower Quick Check of slot 1 at 5:18:29 PM

%JOB_START - Beginning Relay_Board_Lower Quick Check test on slot 2 at 5:18:35 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG012 in Slot 2 in Quick Mode (Cal Relay DIB Not Required)

%JOB_END - ****PASSED**** Relay_Board_Lower Quick Check of slot 2 at 5:18:36 PM

%JOB_START - Beginning Relay_Board_Lower Quick Check test on slot 3 at 5:18:42 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG012 in Slot 3 in Quick Mode (Cal Relay DIB Not

Required)

%JOB_END - ****PASSED**** Relay_Board_Lower Quick Check of slot 3 at 5:18:43 PM

%JOB_START - Beginning Relay_Board_Lower Quick Check test on slot 4 at 5:18:49 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG012 in Slot 4 in Quick Mode (Cal Relay DIB Not Required)

%JOB_END - ****PASSED**** Relay_Board_Lower Quick Check of slot 4 at 5:18:50 PM

%JOB_START - Beginning Relay_Board_Lower Quick Check test on slot 5 at 5:18:56 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG012 in Slot 5 in Quick Mode (Cal Relay DIB Not Required)

%JOB_END - ****PASSED**** Relay_Board_Lower Quick Check of slot 5 at 5:18:57 PM

%JOB_START - Beginning Relay_Board_Lower Quick Check test on slot 6 at 5:19:03 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG012 in Slot 6 in Quick Mode (Cal Relay DIB Not Required)

%JOB_END - ****PASSED**** Relay_Board_Lower Quick Check of slot 6 at 5:19:04 PM

%JOB_START - Beginning Relay_Board_Lower Quick Check test on slot 7 at 5:19:10 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG012 in Slot 7 in Quick Mode (Cal Relay DIB Not Required)

%JOB_END - ****PASSED**** Relay_Board_Lower Quick Check of slot 7 at 5:19:11 PM

%JOB_START - Beginning Relay_Board_Upper Quick Check test on slot 0 at 5:19:17 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG009 in Slot 0 in Quick Mode (Cal Relay DIB Not Required)

%JOB_END - ****PASSED**** Relay_Board_Upper Quick Check of slot 0 at 5:19:18 PM

%JOB_START - Beginning Relay_Board_Upper Quick Check test on slot 1 at 5:19:24 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG009 in Slot 1 in Quick Mode (Cal Relay DIB Not Required)

%JOB_END - ****PASSED**** Relay_Board_Upper Quick Check of slot 1 at 5:19:24 PM

%JOB_START - Beginning Relay_Board_Upper Quick Check test on slot 2 at 5:19:31 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG009 in Slot 2 in Quick Mode (Cal Relay DIB Not Required)

%JOB_END - ****PASSED**** Relay_Board_Upper Quick Check of slot 2 at 5:19:31 PM

%JOB_START - Beginning Relay_Board_Upper Quick Check test on slot 3 at 5:19:38 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG009 in Slot 3 in Quick Mode (Cal Relay DIB Not Required)

%JOB_END - ****PASSED**** Relay_Board_Upper Quick Check of slot 3 at 5:19:38 PM

%JOB_START - Beginning Relay_Board_Upper Quick Check test on slot 4 at 5:19:45 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG009 in Slot 4 in Quick Mode (Cal Relay DIB Not Required)

%JOB_END - ****PASSED**** Relay_Board_Upper Quick Check of slot 4 at 5:19:45 PM

%JOB_START - Beginning Relay_Board_Upper Quick Check test on slot 5 at 5:19:51 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG009 in Slot 5 in Quick Mode (Cal Relay DIB Not Required)

%JOB_END - ****PASSED**** Relay_Board_Upper Quick Check of slot 5 at 5:19:52 PM

%JOB_START - Beginning Relay_Board_Upper Quick Check test on slot 6 at 5:19:58 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG009 in Slot 6 in Quick Mode (Cal Relay DIB Not Required)

%JOB_END - ****PASSED**** Relay_Board_Upper Quick Check of slot 6 at 5:19:59 PM

%JOB_START - Beginning Relay_Board_Upper Quick Check test on slot 7 at 5:20:05 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG009 in Slot 7 in Quick Mode (Cal Relay DIB Not Required)

%JOB_END - ****PASSED**** Relay_Board_Upper Quick Check of slot 7 at 5:20:06 PM

%JOB_START - Beginning CTO Quick Check test on slot 17 at 5:20:12 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Performing register test...
- Completed register test.
- Performing idprom and temperature test...
- Completed idprom and temperature test.
- Performing PG test...
- Starting PG_History_Ram
- Completed PG_History_Ram
- Starting PG_Svm_Ram
- Completed PG_Svm_Ram
- Starting PG_Scramble_Ram, ADSS
- Completed PG_Scramble_Ram
- Starting PG_Scramble_Ram, Tset
- Completed PG_Scramble_Ram
- Starting PG_LVM_BIST_Ram (up to 32 sec)
- Completed PG_LVM_BIST_Ram in 21.6 sec
- Completed PG test.
- Performing internal loopback test...
- Completed internal loopback test.
- Performing local reference test...
- Completed local reference test.
- Performing internal Capture burst test...
- Completed internal Capture burst test.
- Performing internal loopback burst test...
- Completed internal loopback burst test.

%JOB_END - ****PASSED**** CTO Quick Check of slot 17 (C006B6E) at 5:20:36 PM

%JOB_START - Beginning CTO_DIB Quick Check test on slot 17 at 5:20:42 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Performing relay test...

%JOB_END - ****PASSED**** CTO_DIB Quick Check of slot 17 (C006B6E) at 5:20:42 PM

%JOB_START - Beginning DPS Quick Check test on slot 21 at 5:20:49 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Verifying DPS Current Leakage
- Channel 0
- Channel 1
- Channel 2
- Channel 3
- Channel 4
- Channel 5
- Channel 6
- Channel 7
- Finished Verifying DPS Current Leakage

%JOB_END - ****PASSED**** DPS Quick Check of slot 21 (C005C79) at 5:20:51 PM

%JOB_START - Beginning DPS Quick Check test on slot 22 at 5:20:57 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Verifying DPS Current Leakage
- Channel 0
- Channel 1
- Channel 2
- Channel 3

- Channel 4
- Channel 5
- Channel 6
- Channel 7
- Finished Verifying DPS Current Leakage

%JOB_END - ****PASSED**** DPS Quick Check of slot 22 (C00CFD9) at 5:21:00 PM

%JOB_START - Beginning DPS Quick Check test on slot 23 at 5:21:06 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Verifying DPS Current Leakage
- Channel 0
- Channel 1
- Channel 2
- Channel 3
- Channel 4
- Channel 5
- Channel 6
- Channel 7
- Finished Verifying DPS Current Leakage

%JOB_END - ****PASSED**** DPS Quick Check of slot 23 (C00A799) at 5:21:08 PM

%JOB_START - Beginning DPS Quick Check test on slot 24 at 5:21:14 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Verifying DPS Current Leakage
- Channel 0
- Channel 1
- Channel 2
- Channel 3
- Channel 4
- Channel 5

- Channel 6
- Channel 7
- Finished Verifying DPS Current Leakage

%JOB_END - ****PASSED**** DPS Quick Check of slot 24 (C00CFC3) at 5:21:17 PM

%JOB_START - Beginning systemwide tests at 5:21:23 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Systemwide functionality and continuity to slot 0
- Systemwide functionality and continuity to slot 1
- Systemwide functionality and continuity to slot 2
- Systemwide functionality and continuity to slot 3
- Systemwide functionality and continuity to slot 4
- Systemwide functionality and continuity to slot 5
- Systemwide functionality and continuity to slot 6
- Systemwide functionality and continuity to slot 7
- Starting BackPlane Fail Bus test
- Completed BackPlane Fail Bus test
- Completed Extra

%JOB_END - ****PASSED**** Systemwide tests at 5:22:31 PM

%JOB_START - Beginning CUB Module Check test on slot 18 at 5:22:36 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Testing CalCUB and CalDIB Leakage
- Completed Cal Dib Leakage Test
- Testing CalCUB Voltage Sources on CalDIB
- Beginning Cal DIB RawV Test on Slot18
- Completed Cal DIB RawV Test on Slot 18
- Beginning Cal Dib to BPMU Test on Slot 0
- Completed Cal Dib to BPMU Test on Slot 0
- Beginning Cal Dib to EXTERN Test on Slot 0
- Completed Cal Dib to EXTERN Test on Slot 0

- Testing CalDIB Utility Bit Relays using Channel Board Utility Bits for Slot 0
- Completed Cal Dib to UTIL Test on Slot 0
- Beginning Cal Dib RF Tree & Pogo Test

- Beginning Cal Dib to BPMU Test on Slot 1
- Completed Cal Dib to BPMU Test on Slot 1
- Beginning Cal Dib to EXTERN Test on Slot 1
- Completed Cal Dib to EXTERN Test on Slot 1
- Testing CalDIB Utility Bit Relays using Channel Board Utility Bits for Slot 1
- Completed Cal Dib to UTIL Test on Slot 1
- Beginning Cal Dib RF Tree & Pogo Test

- Beginning Cal Dib to BPMU Test on Slot 2
- Completed Cal Dib to BPMU Test on Slot 2
- Beginning Cal Dib to EXTERN Test on Slot 2
- Completed Cal Dib to EXTERN Test on Slot 2
- Testing CalDIB Utility Bit Relays using Channel Board Utility Bits for Slot 2
- Completed Cal Dib to UTIL Test on Slot 2
- Beginning Cal Dib RF Tree & Pogo Test

- Beginning Cal Dib to BPMU Test on Slot 3
- Completed Cal Dib to BPMU Test on Slot 3
- Beginning Cal Dib to EXTERN Test on Slot 3
- Completed Cal Dib to EXTERN Test on Slot 3
- Testing CalDIB Utility Bit Relays using Channel Board Utility Bits for Slot 3
- Completed Cal Dib to UTIL Test on Slot 3
- Beginning Cal Dib RF Tree & Pogo Test

- Beginning Cal Dib to BPMU Test on Slot 4
- Completed Cal Dib to BPMU Test on Slot 4
- Beginning Cal Dib to EXTERN Test on Slot 4
- Completed Cal Dib to EXTERN Test on Slot 4
- Testing CalDIB Utility Bit Relays using Channel Board Utility Bits for Slot 4
- Completed Cal Dib to UTIL Test on Slot 4
- Beginning Cal Dib RF Tree & Pogo Test

- Beginning Cal Dib to BPMU Test on Slot 5
- Completed Cal Dib to BPMU Test on Slot 5

- Beginning Cal Dib to EXTERN Test on Slot 5
- Completed Cal Dib to EXTERN Test on Slot 5
- Testing CalDIB Utility Bit Relays using Channel Board Utility Bits for Slot 5
- Completed Cal Dib to UTIL Test on Slot 5
- Beginning Cal Dib RF Tree & Pogo Test

- Beginning Cal Dib to BPMU Test on Slot 6
- Completed Cal Dib to BPMU Test on Slot 6
- Beginning Cal Dib to EXTERN Test on Slot 6
- Completed Cal Dib to EXTERN Test on Slot 6
- Testing CalDIB Utility Bit Relays using Channel Board Utility Bits for Slot 6
- Completed Cal Dib to UTIL Test on Slot 6
- Beginning Cal Dib RF Tree & Pogo Test

- Beginning Cal Dib to BPMU Test on Slot 7
- Completed Cal Dib to BPMU Test on Slot 7
- Beginning Cal Dib to EXTERN Test on Slot 7
- Completed Cal Dib to EXTERN Test on Slot 7
- Testing CalDIB Utility Bit Relays using Channel Board Utility Bits for Slot 7
- Completed Cal Dib to UTIL Test on Slot 7
- Beginning Cal Dib RF Tree & Pogo Test

- Beginning Cal DIB to DPS_FSG Test on Slot 21
- Completed Cal DIB to DPS_FSG Test on Slot 21
- Beginning Cal DIB to DPS_FSG Test on Slot 22
- Completed Cal DIB to DPS_FSG Test on Slot 22
- Beginning Cal DIB to DPS_FSG Test on Slot 23
- Completed Cal DIB to DPS_FSG Test on Slot 23
- Beginning Cal DIB to DPS_FSG Test on Slot 24
- Completed Cal DIB to DPS_FSG Test on Slot 24
- Testing Device Ground Sense on CalDIB
- Completed DGS Test
- ****Completed CalDib Test****
- Start Compare Level Vol test
- Completed Compare Level Vol test
- Start Compare Level Voh test
- Completed Compare Level Voh test
- Start Drive_Level_test VIL

- Completed Drive_Level_test VIL
- Start Drive_Level_test VIH
- Completed Drive_Level_test VIH
- Beginning CalCub_Measure_Current using Bpmu in Slot 0
- Completed CalCub_Measure_Current

%JOB_END - ****PASSED**** CUB Module Check of slot 18 (C33C201) at 5:24:11 PM

%JOB_START - Beginning Channel_Board_DIB Module Check test on slot 0 at 5:24:18 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Started IdProm Test
- Completed IdProm Test
- Starting Board PMU test
- Completed Board PMU test
- Starting Pin PMU Checker
- Performing PPMU force voltage tests...
- Performing PPMU measure voltage tests...
- Performing PPMU force current tests...
- Performing PPMU measure current tests...
- Performing PPMU list and ram tests...
- Completed Pin PMU Checker.
- Starting Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Completed Drive Level tests
- Starting Compare Level tests
- Continuing Compare Level tests
- Continuing Compare Level tests
- Continuing Compare Level tests
- Continuing Compare Level tests
- Continuing Compare Level tests

- Completed Commpare Level tests
- Starting Drive / Compare Format test, Extended Mode
- Completed Drive / Compare Format test, Extended Mode
- Starting Drive / Compare Format test, Normal Mode
- Completed Drive / Compare Format test, Normal Mode
- Starting PG Opcode test
- Completed PG Opcode test.
- Starting High Voltage test
- Completed High Voltage test
- Starting Frequency Count test
- Completed Frequency Count test.
- Starting KeepAlive Test, Extended Mode
- Continuing KeepAlive test
- Continuing KeepAlive test
- Completed KeepAlive test.
- Starting KeepAlive Test, Normal Mode
- Continuing KeepAlive test
- Continuing KeepAlive test
- Completed KeepAlive test.
- Starting Random Pattern test, Extended Mode, SVM, at 50 MHz
- Continuing Random Pattern test.
- Continuing Random Pattern test.
- Continuing Random Pattern test.
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Extended Mode, LVM, at 50 MHz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Normal Mode, SVM, at 100 MHz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Normal Mode, LVM, at 100 MHz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Extended Mode, LVM, at 100 Hz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Normal Mode, SVM, at 100 KHz

- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting DownLoad tests
- Completed DownLoad tests
- Beginning Utility Bit test
- Completed Utility Bit test
- Starting Muxed Pin test
- Completed Muxed Pin test.
- Starting State Bus test
- Statebus : Checking STB lines : Normal mode, 30MHz
- Statebus : Checking STB lines : Normal mode, 50MHz
- Statebus : Checking STB lines : Normal mode, 80MHz
- Statebus : Checking STB lines : Normal mode, 100MHz
- Statebus : Checking State number lines : Extended mode, 25MHz
- Statebus : Checking State number lines : Extended mode, 30MHz
- Statebus : Checking State number lines : Extended mode, 50MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 25MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 30MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 35MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 50MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 35MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 50MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 80MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 100MHz
- Completed State Bus test
- Starting Fail Bus test
- Completed Fail Bus test
- Starting Period Generator tests
- Completed Period Generator tests
- Starting Scan test
- Started Scan Load test
- Completed Scan Load test
- Started Scan ADB test
- Completed Scan ADB test
- Completed Scan test
- Starting MultiClock test
- Completed MultiClock test.
- Starting SCIO test

- Completed SCIO test.
- Starting Timing Edge Test
- Completed Timing Edge Test
- Completed Channel_Board_DIB test on slot 0

%JOB_END - ****PASSED**** Channel_Board_DIB Module Check of slot 0 (C003290) at 5:28:42 PM

%JOB_START - Beginning Channel_Board_DIB Module Check test on slot 1 at 5:28:48 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Started IdProm Test
- Completed IdProm Test
- Starting Board PMU test
- Completed Board PMU test
- Starting Pin PMU Checker
- Performing PPMU force voltage tests...
- Performing PPMU measure voltage tests...
- Performing PPMU force current tests...
- Performing PPMU measure current tests...
- Performing PPMU list and ram tests...
- Completed Pin PMU Checker.
- Starting Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Completed Drive Level tests
- Starting Compare Level tests
- Continuing Compare Level tests
- Continuing Compare Level tests
- Continuing Compare Level tests
- Continuing Compare Level tests
- Continuing Compare Level tests

- Completed Commpare Level tests
- Starting Drive / Compare Format test, Extended Mode
- Completed Drive / Compare Format test, Extended Mode
- Starting Drive / Compare Format test, Normal Mode
- Completed Drive / Compare Format test, Normal Mode
- Starting PG Opcode test
- Completed PG Opcode test.
- Starting High Voltage test
- Completed High Voltage test
- Starting Frequency Count test
- Completed Frequency Count test.
- Starting KeepAlive Test, Extended Mode
- Continuing KeepAlive test
- Continuing KeepAlive test
- Completed KeepAlive test.
- Starting KeepAlive Test, Normal Mode
- Continuing KeepAlive test
- Continuing KeepAlive test
- Completed KeepAlive test.
- Starting Random Pattern test, Extended Mode, SVM, at 50 MHz
- Continuing Random Pattern test.
- Continuing Random Pattern test.
- Continuing Random Pattern test.
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Extended Mode, LVM, at 50 MHz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Normal Mode, SVM, at 100 MHz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Normal Mode, LVM, at 100 MHz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Extended Mode, LVM, at 100 Hz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Normal Mode, SVM, at 100 KHz

- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting DownLoad tests
- Completed DownLoad tests
- Beginning Utility Bit test
- Completed Utility Bit test
- Starting Muxed Pin test
- Completed Muxed Pin test.
- Starting State Bus test
- Statebus : Checking STB lines : Normal mode, 30MHz
- Statebus : Checking STB lines : Normal mode, 50MHz
- Statebus : Checking STB lines : Normal mode, 80MHz
- Statebus : Checking STB lines : Normal mode, 100MHz
- Statebus : Checking State number lines : Extended mode, 25MHz
- Statebus : Checking State number lines : Extended mode, 30MHz
- Statebus : Checking State number lines : Extended mode, 50MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 25MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 30MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 35MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 50MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 35MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 50MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 80MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 100MHz
- Completed State Bus test
- Starting Fail Bus test
- Completed Fail Bus test
- Starting Period Generator tests
- Completed Period Generator tests
- Starting Scan test
- Started Scan Load test
- Completed Scan Load test
- Started Scan ADB test
- Completed Scan ADB test
- Completed Scan test
- Starting MultiClock test
- Completed MultiClock test.
- Starting SCIO test

- Completed SCIO test.
- Starting Timing Edge Test
- Completed Timing Edge Test
- Completed Channel_Board_DIB test on slot 1

%JOB_END - ****PASSED**** Channel_Board_DIB Module Check of slot 1 (500043A) at 5:33:12 PM

%JOB_START - Beginning Channel_Board_DIB Module Check test on slot 2 at 5:33:18 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Started IdProm Test
- Completed IdProm Test
- Starting Board PMU test
- Completed Board PMU test
- Starting Pin PMU Checker
- Performing PPMU force voltage tests...
- Performing PPMU measure voltage tests...
- Performing PPMU force current tests...
- Performing PPMU measure current tests...
- Performing PPMU list and ram tests...
- Completed Pin PMU Checker.
- Starting Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Completed Drive Level tests
- Starting Compare Level tests
- Continuing Compare Level tests
- Continuing Compare Level tests
- Continuing Compare Level tests
- Continuing Compare Level tests

- Continuing Compare Level tests
- Continuing Compare Level tests
- Completed Commpare Level tests
- Starting Drive / Compare Format test, Extended Mode
- Completed Drive / Compare Format test, Extended Mode
- Starting Drive / Compare Format test, Normal Mode
- Completed Drive / Compare Format test, Normal Mode
- Starting PG Opcode test
- Completed PG Opcode test.
- Starting High Voltage test
- Completed High Voltage test
- Starting Frequency Count test
- Completed Frequency Count test.
- Starting KeepAlive Test, Extended Mode
- Continuing KeepAlive test
- Continuing KeepAlive test
- Completed KeepAlive test.
- Starting KeepAlive Test, Normal Mode
- Continuing KeepAlive test
- Continuing KeepAlive test
- Completed KeepAlive test.
- Starting Random Pattern test, Extended Mode, SVM, at 50 MHz
- Continuing Random Pattern test.
- Continuing Random Pattern test.
- Continuing Random Pattern test.
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Extended Mode, LVM, at 50 MHz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Normal Mode, SVM, at 100 MHz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Normal Mode, LVM, at 100 MHz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Extended Mode, LVM, at 100 Hz
- Continuing Random Pattern test.

- Completed Random Pattern test.
- Starting Random Pattern test, Normal Mode, SVM, at 100 KHz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting DownLoad tests
- Completed DownLoad tests
- Beginning Utility Bit test
- Completed Utility Bit test
- Starting Muxed Pin test
- Completed Muxed Pin test.
- Starting State Bus test
- Statebus : Checking STB lines : Normal mode, 30MHz
- Statebus : Checking STB lines : Normal mode, 50MHz
- Statebus : Checking STB lines : Normal mode, 80MHz
- Statebus : Checking STB lines : Normal mode, 100MHz
- Statebus : Checking State number lines : Extended mode, 25MHz
- Statebus : Checking State number lines : Extended mode, 30MHz
- Statebus : Checking State number lines : Extended mode, 50MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 25MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 30MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 35MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 50MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 35MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 50MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 80MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 100MHz
- Completed State Bus test
- Starting Fail Bus test
- Completed Fail Bus test
- Starting Period Generator tests
- Completed Period Generator tests
- Starting Scan test
- Started Scan Load test
- Completed Scan Load test
- Started Scan ADB test
- Completed Scan ADB test
- Completed Scan test
- Starting MultiClock test

- Completed MultiClock test.
- Starting SCIO test
- Completed SCIO test.
- Starting Timing Edge Test
- Completed Timing Edge Test
- Completed Channel_Board_DIB test on slot 2

%JOB_END - ****PASSED**** Channel_Board_DIB Module Check of slot 2 (8031A77) at 5:37:42 PM

%JOB_START - Beginning Channel_Board_DIB Module Check test on slot 3 at 5:37:48 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Started IdProm Test
- Completed IdProm Test
- Starting Board PMU test
- Completed Board PMU test
- Starting Pin PMU Checker
- Performing PPMU force voltage tests...
- Performing PPMU measure voltage tests...
- Performing PPMU force current tests...
- Performing PPMU measure current tests...
- Performing PPMU list and ram tests...
- Completed Pin PMU Checker.
- Starting Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Completed Drive Level tests
- Starting Compare Level tests
- Continuing Compare Level tests
- Continuing Compare Level tests
- Continuing Compare Level tests

- Continuing Compare Level tests
- Continuing Compare Level tests
- Completed Commpare Level tests
- Starting Drive / Compare Format test, Extended Mode
- Completed Drive / Compare Format test, Extended Mode
- Starting Drive / Compare Format test, Normal Mode
- Completed Drive / Compare Format test, Normal Mode
- Starting PG Opcode test
- Completed PG Opcode test.
- Starting High Voltage test
- Completed High Voltage test
- Starting Frequency Count test
- Completed Frequency Count test.
- Starting KeepAlive Test, Extended Mode
- Continuing KeepAlive test
- Continuing KeepAlive test
- Completed KeepAlive test.
- Starting KeepAlive Test, Normal Mode
- Continuing KeepAlive test
- Continuing KeepAlive test
- Completed KeepAlive test.
- Starting Random Pattern test, Extended Mode, SVM, at 50 MHz
- Continuing Random Pattern test.
- Continuing Random Pattern test.
- Continuing Random Pattern test.
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Extended Mode, LVM, at 50 MHz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Normal Mode, SVM, at 100 MHz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Normal Mode, LVM, at 100 MHz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Extended Mode, LVM, at 100 Hz
- Continuing Random Pattern test.

- Completed Random Pattern test.
- Starting Random Pattern test, Normal Mode, SVM, at 100 KHz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting DownLoad tests
- Completed DownLoad tests
- Beginning Utility Bit test
- Completed Utility Bit test
- Starting Muxed Pin test
- Completed Muxed Pin test.
- Starting State Bus test
- Statebus : Checking STB lines : Normal mode, 30MHz
- Statebus : Checking STB lines : Normal mode, 50MHz
- Statebus : Checking STB lines : Normal mode, 80MHz
- Statebus : Checking STB lines : Normal mode, 100MHz
- Statebus : Checking State number lines : Extended mode, 25MHz
- Statebus : Checking State number lines : Extended mode, 30MHz
- Statebus : Checking State number lines : Extended mode, 50MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 25MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 30MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 35MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 50MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 35MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 50MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 80MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 100MHz
- Completed State Bus test
- Starting Fail Bus test
- Completed Fail Bus test
- Starting Period Generator tests
- Completed Period Generator tests
- Starting Scan test
- Started Scan Load test
- Completed Scan Load test
- Started Scan ADB test
- Completed Scan ADB test
- Completed Scan test
- Starting MultiClock test

- Completed MultiClock test.
- Starting SCIO test
- Completed SCIO test.
- Starting Timing Edge Test
- Completed Timing Edge Test
- Completed Channel_Board_DIB test on slot 3

%JOB_END - ****PASSED**** Channel_Board_DIB Module Check of slot 3 (C001339) at 5:42:12 PM

%JOB_START - Beginning Channel_Board_DIB Module Check test on slot 4 at 5:42:18 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Started IdProm Test
- Completed IdProm Test
- Starting Board PMU test
- Completed Board PMU test
- Starting Pin PMU Checker
- Performing PPMU force voltage tests...
- Performing PPMU measure voltage tests...
- Performing PPMU force current tests...
- Performing PPMU measure current tests...
- Performing PPMU list and ram tests...
- Completed Pin PMU Checker.
- Starting Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Completed Drive Level tests
- Starting Compare Level tests
- Continuing Compare Level tests
- Continuing Compare Level tests

- Continuing Compare Level tests
- Continuing Compare Level tests
- Continuing Compare Level tests
- Completed Commpare Level tests
- Starting Drive / Compare Format test, Extended Mode
- Completed Drive / Compare Format test, Extended Mode
- Starting Drive / Compare Format test, Normal Mode
- Completed Drive / Compare Format test, Normal Mode
- Starting PG Opcode test
- Completed PG Opcode test.
- Starting High Voltage test
- Completed High Voltage test
- Starting Frequency Count test
- Completed Frequency Count test.
- Starting KeepAlive Test, Extended Mode
- Continuing KeepAlive test
- Continuing KeepAlive test
- Completed KeepAlive test.
- Starting KeepAlive Test, Normal Mode
- Continuing KeepAlive test
- Continuing KeepAlive test
- Completed KeepAlive test.
- Starting Random Pattern test, Extended Mode, SVM, at 50 MHz
- Continuing Random Pattern test.
- Continuing Random Pattern test.
- Continuing Random Pattern test.
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Extended Mode, LVM, at 50 MHz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Normal Mode, SVM, at 100 MHz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Normal Mode, LVM, at 100 MHz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Extended Mode, LVM, at 100 Hz

- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Normal Mode, SVM, at 100 KHz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting DownLoad tests
- Completed DownLoad tests
- Beginning Utility Bit test
- Completed Utility Bit test
- Starting Muxed Pin test
- Completed Muxed Pin test.
- Starting State Bus test
- Statebus : Checking STB lines : Normal mode, 30MHz
- Statebus : Checking STB lines : Normal mode, 50MHz
- Statebus : Checking STB lines : Normal mode, 80MHz
- Statebus : Checking STB lines : Normal mode, 100MHz
- Statebus : Checking State number lines : Extended mode, 25MHz
- Statebus : Checking State number lines : Extended mode, 30MHz
- Statebus : Checking State number lines : Extended mode, 50MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 25MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 30MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 35MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 50MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 35MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 50MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 80MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 100MHz
- Completed State Bus test
- Starting Fail Bus test
- Completed Fail Bus test
- Starting Period Generator tests
- Completed Period Generator tests
- Starting Scan test
- Started Scan Load test
- Completed Scan Load test
- Started Scan ADB test
- Completed Scan ADB test
- Completed Scan test

- Starting MultiClock test
- Completed MultiClock test.
- Starting SCIO test
- Completed SCIO test.
- Starting Timing Edge Test
- Completed Timing Edge Test
- Completed Channel_Board_DIB test on slot 4

%JOB_END - ****PASSED**** Channel_Board_DIB Module Check of slot 4 (C009D4A) at 5:46:42 PM

%JOB_START - Beginning Channel_Board_DIB Module Check test on slot 5 at 5:46:48 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Started IdProm Test
- Completed IdProm Test
- Starting Board PMU test
- Completed Board PMU test
- Starting Pin PMU Checker
- Performing PPMU force voltage tests...
- Performing PPMU measure voltage tests...
- Performing PPMU force current tests...
- Performing PPMU measure current tests...
- Performing PPMU list and ram tests...
- Completed Pin PMU Checker.
- Starting Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Completed Drive Level tests
- Starting Compare Level tests
- Continuing Compare Level tests
- Continuing Compare Level tests

- Continuing Compare Level tests
- Continuing Compare Level tests
- Continuing Compare Level tests
- Continuing Compare Level tests
- Completed Commpare Level tests
- Starting Drive / Compare Format test, Extended Mode
- Completed Drive / Compare Format test, Extended Mode
- Starting Drive / Compare Format test, Normal Mode
- Completed Drive / Compare Format test, Normal Mode
- Starting PG Opcode test
- Completed PG Opcode test.
- Starting High Voltage test
- Completed High Voltage test
- Starting Frequency Count test
- Completed Frequency Count test.
- Starting KeepAlive Test, Extended Mode
- Continuing KeepAlive test
- Continuing KeepAlive test
- Completed KeepAlive test.
- Starting KeepAlive Test, Normal Mode
- Continuing KeepAlive test
- Continuing KeepAlive test
- Completed KeepAlive test.
- Starting Random Pattern test, Extended Mode, SVM, at 50 MHz
- Continuing Random Pattern test.
- Continuing Random Pattern test.
- Continuing Random Pattern test.
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Extended Mode, LVM, at 50 MHz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Normal Mode, SVM, at 100 MHz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Normal Mode, LVM, at 100 MHz
- Continuing Random Pattern test.
- Completed Random Pattern test.

- Starting Random Pattern test, Extended Mode, LVM, at 100 Hz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Normal Mode, SVM, at 100 KHz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting DownLoad tests
- Completed DownLoad tests
- Beginning Utility Bit test
- Completed Utility Bit test
- Starting Muxed Pin test
- Completed Muxed Pin test.
- Starting State Bus test
- Statebus : Checking STB lines : Normal mode, 30MHz
- Statebus : Checking STB lines : Normal mode, 50MHz
- Statebus : Checking STB lines : Normal mode, 80MHz
- Statebus : Checking STB lines : Normal mode, 100MHz
- Statebus : Checking State number lines : Extended mode, 25MHz
- Statebus : Checking State number lines : Extended mode, 30MHz
- Statebus : Checking State number lines : Extended mode, 50MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 25MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 30MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 35MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 50MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 35MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 50MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 80MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 100MHz
- Completed State Bus test
- Starting Fail Bus test
- Completed Fail Bus test
- Starting Period Generator tests
- Completed Period Generator tests
- Starting Scan test
- Started Scan Load test
- Completed Scan Load test
- Started Scan ADB test
- Completed Scan ADB test

- Completed Scan test
- Starting MultiClock test
- Completed MultiClock test.
- Starting SCIO test
- Completed SCIO test.
- Starting Timing Edge Test
- Completed Timing Edge Test
- Completed Channel_Board_DIB test on slot 5

%JOB_END - ****PASSED**** Channel_Board_DIB Module Check of slot 5 (C00A4AC) at 5:51:12 PM

%JOB_START - Beginning Channel_Board_DIB Module Check test on slot 6 at 5:51:18 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Started IdProm Test
- Completed IdProm Test
- Starting Board PMU test
- Completed Board PMU test
- Starting Pin PMU Checker
- Performing PPMU force voltage tests...
- Performing PPMU measure voltage tests...
- Performing PPMU force current tests...
- Performing PPMU measure current tests...
- Performing PPMU list and ram tests...
- Completed Pin PMU Checker.
- Starting Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Completed Drive Level tests
- Starting Compare Level tests
- Continuing Compare Level tests

- Continuing Compare Level tests
- Continuing Compare Level tests
- Continuing Compare Level tests
- Continuing Compare Level tests
- Completed Commpare Level tests
- Starting Drive / Compare Format test, Extended Mode
- Completed Drive / Compare Format test, Extended Mode
- Starting Drive / Compare Format test, Normal Mode
- Completed Drive / Compare Format test, Normal Mode
- Starting PG Opcode test
- Completed PG Opcode test.
- Starting High Voltage test
- Completed High Voltage test
- Starting Frequency Count test
- Completed Frequency Count test.
- Starting KeepAlive Test, Extended Mode
- Continuing KeepAlive test
- Continuing KeepAlive test
- Completed KeepAlive test.
- Starting KeepAlive Test, Normal Mode
- Continuing KeepAlive test
- Continuing KeepAlive test
- Completed KeepAlive test.
- Starting Random Pattern test, Extended Mode, SVM, at 50 MHz
- Continuing Random Pattern test.
- Continuing Random Pattern test.
- Continuing Random Pattern test.
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Extended Mode, LVM, at 50 MHz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Normal Mode, SVM, at 100 MHz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Normal Mode, LVM, at 100 MHz
- Continuing Random Pattern test.
- Completed Random Pattern test.

- Starting Random Pattern test, Extended Mode, LVM, at 100 Hz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Normal Mode, SVM, at 100 KHz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting DownLoad tests
- Completed DownLoad tests
- Beginning Utility Bit test
- Completed Utility Bit test
- Starting Muxed Pin test
- Completed Muxed Pin test.
- Starting State Bus test
- Statebus : Checking STB lines : Normal mode, 30MHz
- Statebus : Checking STB lines : Normal mode, 50MHz
- Statebus : Checking STB lines : Normal mode, 80MHz
- Statebus : Checking STB lines : Normal mode, 100MHz
- Statebus : Checking State number lines : Extended mode, 25MHz
- Statebus : Checking State number lines : Extended mode, 30MHz
- Statebus : Checking State number lines : Extended mode, 50MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 25MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 30MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 35MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 50MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 35MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 50MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 80MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 100MHz
- Completed State Bus test
- Starting Fail Bus test
- Completed Fail Bus test
- Starting Period Generator tests
- Completed Period Generator tests
- Starting Scan test
- Started Scan Load test
- Completed Scan Load test
- Started Scan ADB test

- Completed Scan ADB test
- Completed Scan test
- Starting MultiClock test
- Completed MultiClock test.
- Starting SCIO test
- Completed SCIO test.
- Starting Timing Edge Test
- Completed Timing Edge Test
- Completed Channel_Board_DIB test on slot 6

%JOB_END - ****PASSED**** Channel_Board_DIB Module Check of slot 6 (C0CEB4F) at 5:55:42 PM

%JOB_START - Beginning Channel_Board_DIB Module Check test on slot 7 at 5:55:48 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Started IdProm Test
- Completed IdProm Test
- Starting Board PMU test
- Completed Board PMU test
- Starting Pin PMU Checker
- Performing PPMU force voltage tests...
- Performing PPMU measure voltage tests...
- Performing PPMU force current tests...
- Performing PPMU measure current tests...
- Performing PPMU list and ram tests...
- Completed Pin PMU Checker.
- Starting Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Continuing Drive Level tests
- Completed Drive Level tests

- Starting Compare Level tests
- Continuing Compare Level tests
- Continuing Compare Level tests
- Continuing Compare Level tests
- Continuing Compare Level tests
- Continuing Compare Level tests
- Completed Commpare Level tests
- Starting Drive / Compare Format test, Extended Mode
- Completed Drive / Compare Format test, Extended Mode
- Starting Drive / Compare Format test, Normal Mode
- Completed Drive / Compare Format test, Normal Mode
- Starting PG Opcode test
- Completed PG Opcode test.
- Starting High Voltage test
- Completed High Voltage test
- Starting Frequency Count test
- Completed Frequency Count test.
- Starting KeepAlive Test, Extended Mode
- Continuing KeepAlive test
- Continuing KeepAlive test
- Completed KeepAlive test.
- Starting KeepAlive Test, Normal Mode
- Continuing KeepAlive test
- Continuing KeepAlive test
- Completed KeepAlive test.
- Starting Random Pattern test, Extended Mode, SVM, at 50 MHz
- Continuing Random Pattern test.
- Continuing Random Pattern test.
- Continuing Random Pattern test.
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Extended Mode, LVM, at 50 MHz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Normal Mode, SVM, at 100 MHz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Normal Mode, LVM, at 100 MHz

- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Extended Mode, LVM, at 100 Hz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting Random Pattern test, Normal Mode, SVM, at 100 KHz
- Continuing Random Pattern test.
- Completed Random Pattern test.
- Starting DownLoad tests
- Completed DownLoad tests
- Beginning Utility Bit test
- Completed Utility Bit test
- Starting Muxed Pin test
- Completed Muxed Pin test.
- Starting State Bus test
- Statebus : Checking STB lines : Normal mode, 30MHz
- Statebus : Checking STB lines : Normal mode, 50MHz
- Statebus : Checking STB lines : Normal mode, 80MHz
- Statebus : Checking STB lines : Normal mode, 100MHz
- Statebus : Checking State number lines : Extended mode, 25MHz
- Statebus : Checking State number lines : Extended mode, 30MHz
- Statebus : Checking State number lines : Extended mode, 50MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 25MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 30MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 35MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Extended mode, 50MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 35MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 50MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 80MHz
- Statebus : Checking TSET, ADSS, MASK, CFAIL, FmtFAIL : Normal mode, 100MHz
- Completed State Bus test
- Starting Fail Bus test
- Completed Fail Bus test
- Starting Period Generator tests
- Completed Period Generator tests
- Starting Scan test
- Started Scan Load test
- Completed Scan Load test

- Started Scan ADB test
- Completed Scan ADB test
- Completed Scan test
- Starting MultiClock test
- Completed MultiClock test.
- Starting SCIO test
- Completed SCIO test.
- Starting Timing Edge Test
- Completed Timing Edge Test
- Completed Channel_Board_DIB test on slot 7

%JOB_END - ****PASSED**** Channel_Board_DIB Module Check of slot 7 (C00A49E) at 6:00:12 PM

%JOB_START - Beginning Relay_Board_Lower Module Check test on slot 0 at 6:00:18 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG012 in Slot 0 in Full Mode

%JOB_END - ****PASSED**** Relay_Board_Lower Module Check of slot 0 at 6:00:18 PM

%JOB_START - Beginning Relay_Board_Lower Module Check test on slot 1 at 6:00:25 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG012 in Slot 1 in Full Mode

%JOB_END - ****PASSED**** Relay_Board_Lower Module Check of slot 1 at 6:00:25 PM

%JOB_START - Beginning Relay_Board_Lower Module Check test on slot 2 at 6:00:31 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG012 in Slot 2 in Full Mode

%JOB_END - ****PASSED**** Relay_Board_Lower Module Check of slot 2 at 6:00:32 PM

%JOB_START - Beginning Relay_Board_Lower Module Check test on slot 3 at 6:00:38 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG012 in Slot 3 in Full Mode

%JOB_END - ****PASSED**** Relay_Board_Lower Module Check of slot 3 at 6:00:39 PM

%JOB_START - Beginning Relay_Board_Lower Module Check test on slot 4 at 6:00:45 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG012 in Slot 4 in Full Mode

%JOB_END - ****PASSED**** Relay_Board_Lower Module Check of slot 4 at 6:00:46 PM

%JOB_START - Beginning Relay_Board_Lower Module Check test on slot 5 at 6:00:52 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG012 in Slot 5 in Full Mode

%JOB_END - ****PASSED**** Relay_Board_Lower Module Check of slot 5 at 6:00:52 PM

%JOB_START - Beginning Relay_Board_Lower Module Check test on slot 6 at 6:00:58 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG012 in Slot 6 in Full Mode

%JOB_END - ****PASSED**** Relay_Board_Lower Module Check of slot 6 at 6:00:59 PM

%JOB_START - Beginning Relay_Board_Lower Module Check test on slot 7 at 6:01:05 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG012 in Slot 7 in Full Mode

%JOB_END - ****PASSED**** Relay_Board_Lower Module Check of slot 7 at 6:01:06 PM

%JOB_START - Beginning Relay_Board_Upper Module Check test on slot 0 at 6:01:12 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG009 in Slot 0 in Full Mode

%JOB_END - ****PASSED**** Relay_Board_Upper Module Check of slot 0 at 6:01:13 PM

%JOB_START - Beginning Relay_Board_Upper Module Check test on slot 1 at 6:01:19 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG009 in Slot 1 in Full Mode

%JOB_END - ****PASSED**** Relay_Board_Upper Module Check of slot 1 at 6:01:19 PM

%JOB_START - Beginning Relay_Board_Upper Module Check test on slot 2 at 6:01:25 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG009 in Slot 2 in Full Mode

%JOB_END - ****PASSED**** Relay_Board_Upper Module Check of slot 2 at 6:01:26 PM

%JOB_START - Beginning Relay_Board_Upper Module Check test on slot 3 at 6:01:32 PM on

2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG009 in Slot 3 in Full Mode

%JOB_END - ****PASSED**** Relay_Board_Upper Module Check of slot 3 at 6:01:33 PM

%JOB_START - Beginning Relay_Board_Upper Module Check test on slot 4 at 6:01:39 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG009 in Slot 4 in Full Mode

%JOB_END - ****PASSED**** Relay_Board_Upper Module Check of slot 4 at 6:01:39 PM

%JOB_START - Beginning Relay_Board_Upper Module Check test on slot 5 at 6:01:46 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG009 in Slot 5 in Full Mode

%JOB_END - ****PASSED**** Relay_Board_Upper Module Check of slot 5 at 6:01:46 PM

%JOB_START - Beginning Relay_Board_Upper Module Check test on slot 6 at 6:01:52 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Running Relay Checker Ver 1.03 on AG009 in Slot 6 in Full Mode

%JOB_END - ****PASSED**** Relay_Board_Upper Module Check of slot 6 at 6:01:53 PM

%JOB_START - Beginning Relay_Board_Upper Module Check test on slot 7 at 6:01:59 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029

Rev 1137A

- Running Relay Checker Ver 1.03 on AG009 in Slot 7 in Full Mode

%JOB_END - ****PASSED**** Relay_Board_Upper Module Check of slot 7 at 6:02:00 PM

%JOB_START - Beginning DPS_DIB Module Check test on slot 21 at 6:02:06 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Verifying DPS DIB MOUT Output Impedance Test

- Verifying DPS DIB Current Measure Output Test

%JOB_END - ****PASSED**** DPS_DIB Module Check of slot 21 (C005C79) at 6:02:26 PM

%JOB_START - Beginning DPS_DIB Module Check test on slot 22 at 6:02:32 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Verifying DPS DIB MOUT Output Impedance Test

- Verifying DPS DIB Current Measure Output Test

%JOB_END - ****PASSED**** DPS_DIB Module Check of slot 22 (C00CFD9) at 6:02:51 PM

%JOB_START - Beginning DPS_DIB Module Check test on slot 23 at 6:02:58 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Verifying DPS DIB MOUT Output Impedance Test

- Verifying DPS DIB Current Measure Output Test

%JOB_END - ****PASSED**** DPS_DIB Module Check of slot 23 (C00A799) at 6:03:17 PM

%JOB_START - Beginning DPS_DIB Module Check test on slot 24 at 6:03:23 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029

Rev 1137A

- Verifying DPS DIB MOUT Output Impedance Test

- Verifying DPS DIB Current Measure Output Test

%JOB_END - ****PASSED**** DPS_DIB Module Check of slot 24 (C00CFC3) at 6:03:43 PM

%JOB_START - Beginning CTO Module Check test on slot 17 at 6:03:49 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Performing CTO calibration test...
- Performing RAM test...

%JOB_END - ****PASSED**** CTO Module Check of slot 17 (C006B6E) at 6:03:52 PM

%JOB_START - Beginning CTO_DIB Module Check test on slot 17 at 6:03:58 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Performing internal reference test...
- Performing VREF voltage test...
- Performing PPMU force V test...
- Performing PPMU force I test...
- Performing PPMU measure V test...
- Performing PPMU measure I test...
- Performing Source voltage test...
- Performing Capture voltage test...
- Performing Source/Capture loopback test...
- Performing Source burst test...
- Performing Capture burst test...
- Performing Source/Capture loopback burst test...

%JOB_END - ****PASSED**** CTO_DIB Module Check of slot 17 (C006B6E) at 6:05:59 PM

Slot17_CTO_ExternalPv

%JOB_START - Beginning CTO_DIB External Verification test on slot 17 at 12:49:48 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Performing source and capture verification...

%PASS - Slot 17 channel 0 3V Source offset in mV
Measured: 0.8317 low limit: -50 high limit: 50

%PASS - Slot 17 channel 0 3V Source gain in mV
Measured: 0.9997 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 1 3V Source offset in mV
Measured: 0.6778 low limit: -50 high limit: 50

%PASS - Slot 17 channel 1 3V Source gain in mV
Measured: 1.000 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 2 3V Source offset in mV
Measured: -0.8365 low limit: -50 high limit: 50

%PASS - Slot 17 channel 2 3V Source gain in mV
Measured: 1.000 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 3 3V Source offset in mV
Measured: 0.1602 low limit: -50 high limit: 50

%PASS - Slot 17 channel 3 3V Source gain in mV
Measured: 1.000 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 4 3V Source offset in mV
Measured: -1.988 low limit: -50 high limit: 50

%PASS - Slot 17 channel 4 3V Source gain in mV
Measured: 1.000 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 5 3V Source offset in mV
Measured: 0.9123 low limit: -50 high limit: 50

%PASS - Slot 17 channel 5 3V Source gain in mV
Measured: 0.9996 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 6 3V Source offset in mV
Measured: 0.1562 low limit: -50 high limit: 50

%PASS - Slot 17 channel 6 3V Source gain in mV
Measured: 1.000 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 7 3V Source offset in mV
Measured: -7.348E-02 low limit: -50 high limit: 50

%PASS - Slot 17 channel 7 3V Source gain in mV
Measured: 0.9996 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 0 6V Source offset in mV
Measured: 1.267 low limit: -100 high limit: 100

%PASS - Slot 17 channel 0 6V Source gain in mV
Measured: 0.9998 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 1 6V Source offset in mV
Measured: 1.068 low limit: -100 high limit: 100

%PASS - Slot 17 channel 1 6V Source gain in mV
Measured: 1.000 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 2 6V Source offset in mV
Measured: -1.023 low limit: -100 high limit: 100

%PASS - Slot 17 channel 2 6V Source gain in mV
Measured: 1.000 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 3 6V Source offset in mV
Measured: 0.6409 low limit: -100 high limit: 100

%PASS - Slot 17 channel 3 6V Source gain in mV
Measured: 1.000 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 4 6V Source offset in mV
Measured: -3.746 low limit: -100 high limit: 100

%PASS - Slot 17 channel 4 6V Source gain in mV
Measured: 1.000 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 5 6V Source offset in mV
Measured: 1.767 low limit: -100 high limit: 100

%PASS - Slot 17 channel 5 6V Source gain in mV
Measured: 0.9996 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 6 6V Source offset in mV
Measured: 0.3259 low limit: -100 high limit: 100

%PASS - Slot 17 channel 6 6V Source gain in mV
Measured: 1.001 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 7 6V Source offset in mV
Measured: 0.6794 low limit: -100 high limit: 100

%PASS - Slot 17 channel 7 6V Source gain in mV
Measured: 0.9995 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 0 source accuracy at 0V on 3V range
Measured: -0.00003560044V low limit: -0.00018V high limit: 0.00018V

%PASS - Slot 17 channel 0 acquire accuracy at -0.00003560044741V on 3V range
Measured: -3.229709E-05V low limit: -0.0002156004V high limit: 0.0001443995V

%PASS - Slot 17 channel 0 source accuracy at 0.5V on 3V range
Measured: 0.5000027V low limit: 0.49982V high limit: 0.50018V

%PASS - Slot 17 channel 0 acquire accuracy at 0.5000027162V on 3V range

Measured: 0.5000369V low limit: 0.4998227V high limit: 0.5001827V

%PASS - Slot 17 channel 0 source accuracy at 1V on 3V range
Measured: 1.000007V low limit: 0.99982V high limit: 1.00018V

%PASS - Slot 17 channel 0 acquire accuracy at 1.000007379V on 3V range
Measured: 1.000073V low limit: 0.9998273V high limit: 1.000187V

%PASS - Slot 17 channel 0 source accuracy at 1.5V on 3V range
Measured: 1.499961V low limit: 1.49982V high limit: 1.50018V

%PASS - Slot 17 channel 0 acquire accuracy at 1.49996122V on 3V range
Measured: 1.499980V low limit: 1.499781V high limit: 1.500141V

%PASS - Slot 17 channel 0 source accuracy at 2V on 3V range
Measured: 2.000022V low limit: 1.99982V high limit: 2.00018V

%PASS - Slot 17 channel 0 acquire accuracy at 2.000022682V on 3V range
Measured: 2.000022V low limit: 1.999842V high limit: 2.000202V

%PASS - Slot 17 channel 0 source accuracy at 2.5V on 3V range
Measured: 2.500020V low limit: 2.49982V high limit: 2.50018V

%PASS - Slot 17 channel 0 acquire accuracy at 2.500020483V on 3V range
Measured: 2.499982V low limit: 2.499840V high limit: 2.500200V

%PASS - Slot 17 channel 0 source accuracy at 3V on 3V range
Measured: 3.000009V low limit: 2.99982V high limit: 3.00018V

%PASS - Slot 17 channel 0 acquire accuracy at 3.00000957V on 3V range
Measured: 3.000024V low limit: 2.999829V high limit: 3.000189V

%PASS - Slot 17 channel 0 source accuracy at 0V on 6V range
Measured: 0.00004931894V low limit: -0.00036V high limit: 0.00036V

%PASS - Slot 17 channel 0 acquire accuracy at 0.00004931894206V on 6V range
Measured: 8.884779E-05V low limit: -0.0003106810V high limit: 0.0004093189V

%PASS - Slot 17 channel 0 source accuracy at 1V on 6V range
Measured: 1.000026V low limit: 0.99964V high limit: 1.00036V

%PASS - Slot 17 channel 0 acquire accuracy at 1.000026994V on 6V range
Measured: 1.000125V low limit: 0.9996669V high limit: 1.000386V

%PASS - Slot 17 channel 0 source accuracy at 2V on 6V range
Measured: 2.000015V low limit: 1.99964V high limit: 2.00036V

%PASS - Slot 17 channel 0 acquire accuracy at 2.000015502V on 6V range
Measured: 2.000126V low limit: 1.999655V high limit: 2.000375V

%PASS - Slot 17 channel 0 source accuracy at 3V on 6V range
Measured: 2.999970V low limit: 2.99964V high limit: 3.00036V

%PASS - Slot 17 channel 0 acquire accuracy at 2.999970383V on 6V range
Measured: 2.999979V low limit: 2.999610V high limit: 3.000330V

%PASS - Slot 17 channel 0 source accuracy at 4V on 6V range
Measured: 4.000070V low limit: 3.99964V high limit: 4.00036V

%PASS - Slot 17 channel 0 acquire accuracy at 4.000070628V on 6V range
Measured: 4.000028V low limit: 3.999710V high limit: 4.000430V

%PASS - Slot 17 channel 0 source accuracy at 5V on 6V range
Measured: 5.000012V low limit: 4.99964V high limit: 5.00036V

%PASS - Slot 17 channel 0 acquire accuracy at 5.000012331V on 6V range
Measured: 4.999987V low limit: 4.999652V high limit: 5.000372V

%PASS - Slot 17 channel 0 source accuracy at 6V on 6V range
Measured: 5.999964V low limit: 5.99964V high limit: 6.00036V

%PASS - Slot 17 channel 0 acquire accuracy at 5.999964322V on 6V range
Measured: 5.999941V low limit: 5.999604V high limit: 6.000324V

%PASS - Slot 17 channel 1 source accuracy at 0V on 3V range
Measured: 0.00001340392V low limit: -0.00018V high limit: 0.00018V

%PASS - Slot 17 channel 1 acquire accuracy at 0.00001340392655V on 3V range
Measured: -1.147291E-05V low limit: -0.0001665960V high limit: 0.0001934039V

%PASS - Slot 17 channel 1 source accuracy at 0.5V on 3V range
Measured: 0.5000452V low limit: 0.49982V high limit: 0.50018V

%PASS - Slot 17 channel 1 acquire accuracy at 0.5000452379V on 3V range
Measured: 0.5000686V low limit: 0.4998652V high limit: 0.5002252V

%PASS - Slot 17 channel 1 source accuracy at 1V on 3V range
Measured: 1.000043V low limit: 0.99982V high limit: 1.00018V

%PASS - Slot 17 channel 1 acquire accuracy at 1.000043369V on 3V range
Measured: 1.000098V low limit: 0.9998633V high limit: 1.000223V

%PASS - Slot 17 channel 1 source accuracy at 1.5V on 3V range
Measured: 1.499988V low limit: 1.49982V high limit: 1.50018V

%PASS - Slot 17 channel 1 acquire accuracy at 1.499988629V on 3V range
Measured: 1.499998V low limit: 1.499808V high limit: 1.500168V

%PASS - Slot 17 channel 1 source accuracy at 2V on 3V range
Measured: 2.000029V low limit: 1.99982V high limit: 2.00018V

%PASS - Slot 17 channel 1 acquire accuracy at 2.000029381V on 3V range
Measured: 2.000028V low limit: 1.999849V high limit: 2.000209V

%PASS - Slot 17 channel 1 source accuracy at 2.5V on 3V range
Measured: 2.500000V low limit: 2.49982V high limit: 2.50018V

%PASS - Slot 17 channel 1 acquire accuracy at 2.500000517V on 3V range
Measured: 2.499948V low limit: 2.499820V high limit: 2.500180V

%PASS - Slot 17 channel 1 source accuracy at 3V on 3V range
Measured: 2.999996V low limit: 2.99982V high limit: 3.00018V

%PASS - Slot 17 channel 1 acquire accuracy at 2.999996829V on 3V range

Measured: 2.999990V low limit: 2.999816V high limit: 3.000176V

%PASS - Slot 17 channel 1 source accuracy at 0V on 6V range
Measured: 0.00003399829V low limit: -0.00036V high limit: 0.00036V

%PASS - Slot 17 channel 1 acquire accuracy at 0.00003399829383V on 6V range
Measured: 1.975877E-05V low limit: -0.0003260017V high limit: 0.0003939982V

%PASS - Slot 17 channel 1 source accuracy at 1V on 6V range
Measured: 1.000012V low limit: 0.99964V high limit: 1.00036V

%PASS - Slot 17 channel 1 acquire accuracy at 1.000012501V on 6V range
Measured: 1.000143V low limit: 0.9996525V high limit: 1.000372V

%PASS - Slot 17 channel 1 source accuracy at 2V on 6V range
Measured: 2.000086V low limit: 1.99964V high limit: 2.00036V

%PASS - Slot 17 channel 1 acquire accuracy at 2.000086958V on 6V range
Measured: 2.000226V low limit: 1.999726V high limit: 2.000446V

%PASS - Slot 17 channel 1 source accuracy at 3V on 6V range
Measured: 3.000026V low limit: 2.99964V high limit: 3.00036V

%PASS - Slot 17 channel 1 acquire accuracy at 3.000026471V on 6V range
Measured: 3.000108V low limit: 2.999666V high limit: 3.000386V

%PASS - Slot 17 channel 1 source accuracy at 4V on 6V range
Measured: 4.000150V low limit: 3.99964V high limit: 4.00036V

%PASS - Slot 17 channel 1 acquire accuracy at 4.000150096V on 6V range
Measured: 4.000208V low limit: 3.999790V high limit: 4.000510V

%PASS - Slot 17 channel 1 source accuracy at 5V on 6V range
Measured: 5.000125V low limit: 4.99964V high limit: 5.00036V

%PASS - Slot 17 channel 1 acquire accuracy at 5.000125425V on 6V range
Measured: 5.000066V low limit: 4.999765V high limit: 5.000485V

%PASS - Slot 17 channel 1 source accuracy at 6V on 6V range
Measured: 6.000064V low limit: 5.99964V high limit: 6.00036V

%PASS - Slot 17 channel 1 acquire accuracy at 6.000064982V on 6V range
Measured: 6.000006V low limit: 5.999704V high limit: 6.000424V

%PASS - Slot 17 channel 2 source accuracy at 0V on 3V range
Measured: 0.00001352555V low limit: -0.00018V high limit: 0.00018V

%PASS - Slot 17 channel 2 acquire accuracy at 0.00001352555372V on 3V range
Measured: 2.495887E-05V low limit: -0.0001664744V high limit: 0.0001935255V

%PASS - Slot 17 channel 2 source accuracy at 0.5V on 3V range
Measured: 0.5000213V low limit: 0.49982V high limit: 0.50018V

%PASS - Slot 17 channel 2 acquire accuracy at 0.5000213028V on 3V range
Measured: 0.5001087V low limit: 0.4998413V high limit: 0.5002013V

%PASS - Slot 17 channel 2 source accuracy at 1V on 3V range
Measured: 1.000059V low limit: 0.99982V high limit: 1.00018V

%PASS - Slot 17 channel 2 acquire accuracy at 1.000059613V on 3V range
Measured: 1.000118V low limit: 0.9998796V high limit: 1.000239V

%PASS - Slot 17 channel 2 source accuracy at 1.5V on 3V range
Measured: 1.500023V low limit: 1.49982V high limit: 1.50018V

%PASS - Slot 17 channel 2 acquire accuracy at 1.500023262V on 3V range
Measured: 1.500066V low limit: 1.499843V high limit: 1.500203V

%PASS - Slot 17 channel 2 source accuracy at 2V on 3V range
Measured: 2.000057V low limit: 1.99982V high limit: 2.00018V

%PASS - Slot 17 channel 2 acquire accuracy at 2.000057622V on 3V range
Measured: 2.000072V low limit: 1.999877V high limit: 2.000237V

%PASS - Slot 17 channel 2 source accuracy at 2.5V on 3V range
Measured: 2.500074V low limit: 2.49982V high limit: 2.50018V

%PASS - Slot 17 channel 2 acquire accuracy at 2.500074863V on 3V range
Measured: 2.500038V low limit: 2.499894V high limit: 2.500254V

%PASS - Slot 17 channel 2 source accuracy at 3V on 3V range
Measured: 3.000045V low limit: 2.99982V high limit: 3.00018V

%PASS - Slot 17 channel 2 acquire accuracy at 3.000045254V on 3V range
Measured: 3.000083V low limit: 2.999865V high limit: 3.000225V

%PASS - Slot 17 channel 2 source accuracy at 0V on 6V range
Measured: 0.00001940128V low limit: -0.00036V high limit: 0.00036V

%PASS - Slot 17 channel 2 acquire accuracy at 0.00001940128351V on 6V range
Measured: 2.185215E-05V low limit: -0.0003405987V high limit: 0.0003794012V

%PASS - Slot 17 channel 2 source accuracy at 1V on 6V range
Measured: 1.000092V low limit: 0.99964V high limit: 1.00036V

%PASS - Slot 17 channel 2 acquire accuracy at 1.00009267V on 6V range
Measured: 1.000229V low limit: 0.9997326V high limit: 1.000452V

%PASS - Slot 17 channel 2 source accuracy at 2V on 6V range
Measured: 2.000103V low limit: 1.99964V high limit: 2.00036V

%PASS - Slot 17 channel 2 acquire accuracy at 2.000103814V on 6V range
Measured: 2.000146V low limit: 1.999743V high limit: 2.000463V

%PASS - Slot 17 channel 2 source accuracy at 3V on 6V range
Measured: 2.999991V low limit: 2.99964V high limit: 3.00036V

%PASS - Slot 17 channel 2 acquire accuracy at 2.999991662V on 6V range
Measured: 3.000034V low limit: 2.999631V high limit: 3.000351V

%PASS - Slot 17 channel 2 source accuracy at 4V on 6V range
Measured: 4.000112V low limit: 3.99964V high limit: 4.00036V

%PASS - Slot 17 channel 2 acquire accuracy at 4.00011253V on 6V range

Measured: 4.000087V low limit: 3.999752V high limit: 4.000472V

%PASS - Slot 17 channel 2 source accuracy at 5V on 6V range
Measured: 5.000080V low limit: 4.99964V high limit: 5.00036V

%PASS - Slot 17 channel 2 acquire accuracy at 5.00008094V on 6V range
Measured: 4.999951V low limit: 4.999720V high limit: 5.000440V

%PASS - Slot 17 channel 2 source accuracy at 6V on 6V range
Measured: 6.000053V low limit: 5.99964V high limit: 6.00036V

%PASS - Slot 17 channel 2 acquire accuracy at 6.000053554V on 6V range
Measured: 6.000035V low limit: 5.999693V high limit: 6.000413V

%PASS - Slot 17 channel 3 source accuracy at 0V on 3V range
Measured: 0.00002367179V low limit: -0.00018V high limit: 0.00018V

%PASS - Slot 17 channel 3 acquire accuracy at 0.00002367179717V on 3V range
Measured: 1.721342E-05V low limit: -0.0001563282V high limit: 0.0002036717V

%PASS - Slot 17 channel 3 source accuracy at 0.5V on 3V range
Measured: 0.5000220V low limit: 0.49982V high limit: 0.50018V

%PASS - Slot 17 channel 3 acquire accuracy at 0.5000220562V on 3V range
Measured: 0.5000755V low limit: 0.4998420V high limit: 0.5002020V

%PASS - Slot 17 channel 3 source accuracy at 1V on 3V range
Measured: 1.000065V low limit: 0.99982V high limit: 1.00018V

%PASS - Slot 17 channel 3 acquire accuracy at 1.000065655V on 3V range
Measured: 1.000104V low limit: 0.9998856V high limit: 1.000245V

%PASS - Slot 17 channel 3 source accuracy at 1.5V on 3V range
Measured: 1.500054V low limit: 1.49982V high limit: 1.50018V

%PASS - Slot 17 channel 3 acquire accuracy at 1.500054436V on 3V range
Measured: 1.500068V low limit: 1.499874V high limit: 1.500234V

%PASS - Slot 17 channel 3 source accuracy at 2V on 3V range
Measured: 2.000084V low limit: 1.99982V high limit: 2.00018V

%PASS - Slot 17 channel 3 acquire accuracy at 2.00008433V on 3V range
Measured: 2.000079V low limit: 1.999904V high limit: 2.000264V

%PASS - Slot 17 channel 3 source accuracy at 2.5V on 3V range
Measured: 2.500101V low limit: 2.49982V high limit: 2.50018V

%PASS - Slot 17 channel 3 acquire accuracy at 2.500101308V on 3V range
Measured: 2.500045V low limit: 2.499921V high limit: 2.500281V

%PASS - Slot 17 channel 3 source accuracy at 3V on 3V range
Measured: 3.000067V low limit: 2.99982V high limit: 3.00018V

%PASS - Slot 17 channel 3 acquire accuracy at 3.00006754V on 3V range
Measured: 3.000056V low limit: 2.999887V high limit: 3.000247V

%PASS - Slot 17 channel 3 source accuracy at 0V on 6V range
Measured: -0.000009352604V low limit: -0.00036V high limit: 0.00036V

%PASS - Slot 17 channel 3 acquire accuracy at -0.000009352604296V on 6V range
Measured: 1.293963E-07V low limit: -0.0003693526V high limit: 0.0003506473V

%PASS - Slot 17 channel 3 source accuracy at 1V on 6V range
Measured: 0.9999799V low limit: 0.99964V high limit: 1.00036V

%PASS - Slot 17 channel 3 acquire accuracy at 0.9999799334V on 6V range
Measured: 1.000105V low limit: 0.9996199V high limit: 1.000339V

%PASS - Slot 17 channel 3 source accuracy at 2V on 6V range
Measured: 1.999993V low limit: 1.99964V high limit: 2.00036V

%PASS - Slot 17 channel 3 acquire accuracy at 1.999993829V on 6V range
Measured: 2.000174V low limit: 1.999633V high limit: 2.000353V

%PASS - Slot 17 channel 3 source accuracy at 3V on 6V range
Measured: 2.999968V low limit: 2.99964V high limit: 3.00036V

%PASS - Slot 17 channel 3 acquire accuracy at 2.999968632V on 6V range
Measured: 3.000025V low limit: 2.999608V high limit: 3.000328V

%PASS - Slot 17 channel 3 source accuracy at 4V on 6V range
Measured: 4.000018V low limit: 3.99964V high limit: 4.00036V

%PASS - Slot 17 channel 3 acquire accuracy at 4.000018919V on 6V range
Measured: 4.000100V low limit: 3.999658V high limit: 4.000378V

%PASS - Slot 17 channel 3 source accuracy at 5V on 6V range
Measured: 4.999999V low limit: 4.99964V high limit: 5.00036V

%PASS - Slot 17 channel 3 acquire accuracy at 4.999999808V on 6V range
Measured: 4.999969V low limit: 4.999639V high limit: 5.000359V

%PASS - Slot 17 channel 3 source accuracy at 6V on 6V range
Measured: 5.999949V low limit: 5.99964V high limit: 6.00036V

%PASS - Slot 17 channel 3 acquire accuracy at 5.999949348V on 6V range
Measured: 5.999979V low limit: 5.999589V high limit: 6.000309V

%PASS - Slot 17 channel 4 source accuracy at 0V on 3V range
Measured: -0.000007735137V low limit: -0.00018V high limit: 0.00018V

%PASS - Slot 17 channel 4 acquire accuracy at -0.00000773513795V on 3V range
Measured: 3.670732E-06V low limit: -0.0001877351V high limit: 0.0001722648V

%PASS - Slot 17 channel 4 source accuracy at 0.5V on 3V range
Measured: 0.4999907V low limit: 0.49982V high limit: 0.50018V

%PASS - Slot 17 channel 4 acquire accuracy at 0.4999907005V on 3V range
Measured: 0.5000704V low limit: 0.4998107V high limit: 0.5001707V

%PASS - Slot 17 channel 4 source accuracy at 1V on 3V range
Measured: 1.000023V low limit: 0.99982V high limit: 1.00018V

%PASS - Slot 17 channel 4 acquire accuracy at 1.000023272V on 3V range

Measured: 1.000069V low limit: 0.9998432V high limit: 1.000203V

%PASS - Slot 17 channel 4 source accuracy at 1.5V on 3V range
Measured: 1.500003V low limit: 1.49982V high limit: 1.50018V

%PASS - Slot 17 channel 4 acquire accuracy at 1.500003909V on 3V range
Measured: 1.499999V low limit: 1.499823V high limit: 1.500183V

%PASS - Slot 17 channel 4 source accuracy at 2V on 3V range
Measured: 2.000021V low limit: 1.99982V high limit: 2.00018V

%PASS - Slot 17 channel 4 acquire accuracy at 2.00002115V on 3V range
Measured: 2.000042V low limit: 1.999841V high limit: 2.000201V

%PASS - Slot 17 channel 4 source accuracy at 2.5V on 3V range
Measured: 2.500037V low limit: 2.49982V high limit: 2.50018V

%PASS - Slot 17 channel 4 acquire accuracy at 2.500037296V on 3V range
Measured: 2.500041V low limit: 2.499857V high limit: 2.500217V

%PASS - Slot 17 channel 4 source accuracy at 3V on 3V range
Measured: 3.000002V low limit: 2.99982V high limit: 3.00018V

%PASS - Slot 17 channel 4 acquire accuracy at 3.000002565V on 3V range
Measured: 3.000042V low limit: 2.999822V high limit: 3.000182V

%PASS - Slot 17 channel 4 source accuracy at 0V on 6V range
Measured: 0.00003404029V low limit: -0.00036V high limit: 0.00036V

%PASS - Slot 17 channel 4 acquire accuracy at 0.00003404029458V on 6V range
Measured: 2.783484E-05V low limit: -0.0003259597V high limit: 0.0003940402V

%PASS - Slot 17 channel 4 source accuracy at 1V on 6V range
Measured: 1.000062V low limit: 0.99964V high limit: 1.00036V

%PASS - Slot 17 channel 4 acquire accuracy at 1.000062065V on 6V range
Measured: 1.000147V low limit: 0.9997020V high limit: 1.000422V

%PASS - Slot 17 channel 4 source accuracy at 2V on 6V range
Measured: 2.000062V low limit: 1.99964V high limit: 2.00036V

%PASS - Slot 17 channel 4 acquire accuracy at 2.000062263V on 6V range
Measured: 2.000137V low limit: 1.999702V high limit: 2.000422V

%PASS - Slot 17 channel 4 source accuracy at 3V on 6V range
Measured: 2.999957V low limit: 2.99964V high limit: 3.00036V

%PASS - Slot 17 channel 4 acquire accuracy at 2.999957948V on 6V range
Measured: 2.999955V low limit: 2.999597V high limit: 3.000317V

%PASS - Slot 17 channel 4 source accuracy at 4V on 6V range
Measured: 4.000029V low limit: 3.99964V high limit: 4.00036V

%PASS - Slot 17 channel 4 acquire accuracy at 4.000029953V on 6V range
Measured: 4.000010V low limit: 3.999669V high limit: 4.000389V

%PASS - Slot 17 channel 4 source accuracy at 5V on 6V range
Measured: 5.000008V low limit: 4.99964V high limit: 5.00036V

%PASS - Slot 17 channel 4 acquire accuracy at 5.000008828V on 6V range
Measured: 4.999970V low limit: 4.999648V high limit: 5.000368V

%PASS - Slot 17 channel 4 source accuracy at 6V on 6V range
Measured: 5.999977V low limit: 5.99964V high limit: 6.00036V

%PASS - Slot 17 channel 4 acquire accuracy at 5.999977457V on 6V range
Measured: 5.999989V low limit: 5.999617V high limit: 6.000337V

%PASS - Slot 17 channel 5 source accuracy at 0V on 3V range
Measured: 0.00001164077V low limit: -0.00018V high limit: 0.00018V

%PASS - Slot 17 channel 5 acquire accuracy at 0.0000116407701V on 3V range
Measured: 3.094900E-05V low limit: -0.0001683592V high limit: 0.0001916407V

%PASS - Slot 17 channel 5 source accuracy at 0.5V on 3V range
Measured: 0.5000419V low limit: 0.49982V high limit: 0.50018V

%PASS - Slot 17 channel 5 acquire accuracy at 0.5000419657V on 3V range
Measured: 0.5001001V low limit: 0.4998619V high limit: 0.5002219V

%PASS - Slot 17 channel 5 source accuracy at 1V on 3V range
Measured: 1.000022V low limit: 0.99982V high limit: 1.00018V

%PASS - Slot 17 channel 5 acquire accuracy at 1.000022309V on 3V range
Measured: 1.000074V low limit: 0.9998423V high limit: 1.000202V

%PASS - Slot 17 channel 5 source accuracy at 1.5V on 3V range
Measured: 1.500009V low limit: 1.49982V high limit: 1.50018V

%PASS - Slot 17 channel 5 acquire accuracy at 1.500009689V on 3V range
Measured: 1.500004V low limit: 1.499829V high limit: 1.500189V

%PASS - Slot 17 channel 5 source accuracy at 2V on 3V range
Measured: 2.000037V low limit: 1.99982V high limit: 2.00018V

%PASS - Slot 17 channel 5 acquire accuracy at 2.000037525V on 3V range
Measured: 2.000038V low limit: 1.999857V high limit: 2.000217V

%PASS - Slot 17 channel 5 source accuracy at 2.5V on 3V range
Measured: 2.500011V low limit: 2.49982V high limit: 2.50018V

%PASS - Slot 17 channel 5 acquire accuracy at 2.500011069V on 3V range
Measured: 2.499982V low limit: 2.499831V high limit: 2.500191V

%PASS - Slot 17 channel 5 source accuracy at 3V on 3V range
Measured: 3.000029V low limit: 2.99982V high limit: 3.00018V

%PASS - Slot 17 channel 5 acquire accuracy at 3.000029973V on 3V range
Measured: 2.999998V low limit: 2.999849V high limit: 3.000209V

%PASS - Slot 17 channel 5 source accuracy at 0V on 6V range
Measured: -0.00003396023V low limit: -0.00036V high limit: 0.00036V

%PASS - Slot 17 channel 5 acquire accuracy at -0.00003396023065V on 6V range

Measured: 4.401996E-05V low limit: -0.0003939602V high limit: 0.0003260397V

%PASS - Slot 17 channel 5 source accuracy at 1V on 6V range
Measured: 1.000021V low limit: 0.99964V high limit: 1.00036V

%PASS - Slot 17 channel 5 acquire accuracy at 1.00002139V on 6V range
Measured: 1.000186V low limit: 0.9996613V high limit: 1.000381V

%PASS - Slot 17 channel 5 source accuracy at 2V on 6V range
Measured: 1.999970V low limit: 1.99964V high limit: 2.00036V

%PASS - Slot 17 channel 5 acquire accuracy at 1.99997036V on 6V range
Measured: 2.000134V low limit: 1.999610V high limit: 2.000330V

%PASS - Slot 17 channel 5 source accuracy at 3V on 6V range
Measured: 2.999934V low limit: 2.99964V high limit: 3.00036V

%PASS - Slot 17 channel 5 acquire accuracy at 2.99993448V on 6V range
Measured: 3.000016V low limit: 2.999574V high limit: 3.000294V

%PASS - Slot 17 channel 5 source accuracy at 4V on 6V range
Measured: 3.999981V low limit: 3.99964V high limit: 4.00036V

%PASS - Slot 17 channel 5 acquire accuracy at 3.999981484V on 6V range
Measured: 4.000011V low limit: 3.999621V high limit: 4.000341V

%PASS - Slot 17 channel 5 source accuracy at 5V on 6V range
Measured: 4.999921V low limit: 4.99964V high limit: 5.00036V

%PASS - Slot 17 channel 5 acquire accuracy at 4.999921829V on 6V range
Measured: 4.999858V low limit: 4.999561V high limit: 5.000281V

%PASS - Slot 17 channel 5 source accuracy at 6V on 6V range
Measured: 5.999939V low limit: 5.99964V high limit: 6.00036V

%PASS - Slot 17 channel 5 acquire accuracy at 5.999939628V on 6V range
Measured: 5.999971V low limit: 5.999579V high limit: 6.000299V

%PASS - Slot 17 channel 6 source accuracy at 0V on 3V range
Measured: 0.00001138701V low limit: -0.00018V high limit: 0.00018V

%PASS - Slot 17 channel 6 acquire accuracy at 0.00001138701558V on 3V range
Measured: 2.435236E-05V low limit: -0.0001686129V high limit: 0.0001913870V

%PASS - Slot 17 channel 6 source accuracy at 0.5V on 3V range
Measured: 0.5000064V low limit: 0.49982V high limit: 0.50018V

%PASS - Slot 17 channel 6 acquire accuracy at 0.5000064703V on 3V range
Measured: 0.5000955V low limit: 0.4998264V high limit: 0.5001864V

%PASS - Slot 17 channel 6 source accuracy at 1V on 3V range
Measured: 0.9999910V low limit: 0.99982V high limit: 1.00018V

%PASS - Slot 17 channel 6 acquire accuracy at 0.9999910205V on 3V range
Measured: 1.000074V low limit: 0.9998110V high limit: 1.000171V

%PASS - Slot 17 channel 6 source accuracy at 1.5V on 3V range
Measured: 1.499988V low limit: 1.49982V high limit: 1.50018V

%PASS - Slot 17 channel 6 acquire accuracy at 1.499988235V on 3V range
Measured: 1.499998V low limit: 1.499808V high limit: 1.500168V

%PASS - Slot 17 channel 6 source accuracy at 2V on 3V range
Measured: 2.000071V low limit: 1.99982V high limit: 2.00018V

%PASS - Slot 17 channel 6 acquire accuracy at 2.000071983V on 3V range
Measured: 2.000098V low limit: 1.999891V high limit: 2.000251V

%PASS - Slot 17 channel 6 source accuracy at 2.5V on 3V range
Measured: 2.500047V low limit: 2.49982V high limit: 2.50018V

%PASS - Slot 17 channel 6 acquire accuracy at 2.500047147V on 3V range
Measured: 2.500033V low limit: 2.499867V high limit: 2.500227V

%PASS - Slot 17 channel 6 source accuracy at 3V on 3V range
Measured: 3.000016V low limit: 2.99982V high limit: 3.00018V

%PASS - Slot 17 channel 6 acquire accuracy at 3.000016707V on 3V range
Measured: 3.000051V low limit: 2.999836V high limit: 3.000196V

%PASS - Slot 17 channel 6 source accuracy at 0V on 6V range
Measured: 0.00004016015V low limit: -0.00036V high limit: 0.00036V

%PASS - Slot 17 channel 6 acquire accuracy at 0.00004016015372V on 6V range
Measured: 9.107909E-05V low limit: -0.0003198398V high limit: 0.0004001601V

%PASS - Slot 17 channel 6 source accuracy at 1V on 6V range
Measured: 1.000043V low limit: 0.99964V high limit: 1.00036V

%PASS - Slot 17 channel 6 acquire accuracy at 1.000043895V on 6V range
Measured: 1.000254V low limit: 0.9996838V high limit: 1.000403V

%PASS - Slot 17 channel 6 source accuracy at 2V on 6V range
Measured: 2.000023V low limit: 1.99964V high limit: 2.00036V

%PASS - Slot 17 channel 6 acquire accuracy at 2.000023733V on 6V range
Measured: 2.000233V low limit: 1.999663V high limit: 2.000383V

%PASS - Slot 17 channel 6 source accuracy at 3V on 6V range
Measured: 3.000029V low limit: 2.99964V high limit: 3.00036V

%PASS - Slot 17 channel 6 acquire accuracy at 3.000029842V on 6V range
Measured: 3.000118V low limit: 2.999669V high limit: 3.000389V

%PASS - Slot 17 channel 6 source accuracy at 4V on 6V range
Measured: 4.000120V low limit: 3.99964V high limit: 4.00036V

%PASS - Slot 17 channel 6 acquire accuracy at 4.000120936V on 6V range
Measured: 4.000151V low limit: 3.999760V high limit: 4.000480V

%PASS - Slot 17 channel 6 source accuracy at 5V on 6V range
Measured: 5.000083V low limit: 4.99964V high limit: 5.00036V

%PASS - Slot 17 channel 6 acquire accuracy at 5.000083173V on 6V range

Measured: 5.000036V low limit: 4.999723V high limit: 5.000443V

%PASS - Slot 17 channel 6 source accuracy at 6V on 6V range
Measured: 6.000039V low limit: 5.99964V high limit: 6.00036V

%PASS - Slot 17 channel 6 acquire accuracy at 6.000039806V on 6V range
Measured: 6.000075V low limit: 5.999679V high limit: 6.000399V

%PASS - Slot 17 channel 7 source accuracy at 0V on 3V range
Measured: 0.00001816313V low limit: -0.00018V high limit: 0.00018V

%PASS - Slot 17 channel 7 acquire accuracy at 0.00001816313643V on 3V range
Measured: 2.886965E-05V low limit: -0.0001618368V high limit: 0.0001981631V

%PASS - Slot 17 channel 7 source accuracy at 0.5V on 3V range
Measured: 0.5000419V low limit: 0.49982V high limit: 0.50018V

%PASS - Slot 17 channel 7 acquire accuracy at 0.5000419087V on 3V range
Measured: 0.5000944V low limit: 0.4998619V high limit: 0.5002219V

%PASS - Slot 17 channel 7 source accuracy at 1V on 3V range
Measured: 1.000018V low limit: 0.99982V high limit: 1.00018V

%PASS - Slot 17 channel 7 acquire accuracy at 1.000018894V on 3V range
Measured: 1.000077V low limit: 0.9998388V high limit: 1.000198V

%PASS - Slot 17 channel 7 source accuracy at 1.5V on 3V range
Measured: 1.500004V low limit: 1.49982V high limit: 1.50018V

%PASS - Slot 17 channel 7 acquire accuracy at 1.50000426V on 3V range
Measured: 1.500038V low limit: 1.499824V high limit: 1.500184V

%PASS - Slot 17 channel 7 source accuracy at 2V on 3V range
Measured: 2.000088V low limit: 1.99982V high limit: 2.00018V

%PASS - Slot 17 channel 7 acquire accuracy at 2.000088227V on 3V range
Measured: 2.000104V low limit: 1.999908V high limit: 2.000268V

%PASS - Slot 17 channel 7 source accuracy at 2.5V on 3V range
Measured: 2.500055V low limit: 2.49982V high limit: 2.50018V

%PASS - Slot 17 channel 7 acquire accuracy at 2.500055685V on 3V range
Measured: 2.500057V low limit: 2.499875V high limit: 2.500235V

%PASS - Slot 17 channel 7 source accuracy at 3V on 3V range
Measured: 3.000066V low limit: 2.99982V high limit: 3.00018V

%PASS - Slot 17 channel 7 acquire accuracy at 3.000066489V on 3V range
Measured: 3.000102V low limit: 2.999886V high limit: 3.000246V

%PASS - Slot 17 channel 7 source accuracy at 0V on 6V range
Measured: 0.00001288766V low limit: -0.00036V high limit: 0.00036V

%PASS - Slot 17 channel 7 acquire accuracy at 0.00001288766734V on 6V range
Measured: -2.693787E-06V low limit: -0.0003471123V high limit: 0.0003728876V

%PASS - Slot 17 channel 7 source accuracy at 1V on 6V range
Measured: 1.000024V low limit: 0.99964V high limit: 1.00036V

%PASS - Slot 17 channel 7 acquire accuracy at 1.000024892V on 6V range
Measured: 1.000148V low limit: 0.9996648V high limit: 1.000384V

%PASS - Slot 17 channel 7 source accuracy at 2V on 6V range
Measured: 2.000048V low limit: 1.99964V high limit: 2.00036V

%PASS - Slot 17 channel 7 acquire accuracy at 2.000048384V on 6V range
Measured: 2.000193V low limit: 1.999688V high limit: 2.000408V

%PASS - Slot 17 channel 7 source accuracy at 3V on 6V range
Measured: 2.999991V low limit: 2.99964V high limit: 3.00036V

%PASS - Slot 17 channel 7 acquire accuracy at 2.999991487V on 6V range
Measured: 3.000031V low limit: 2.999631V high limit: 3.000351V

%PASS - Slot 17 channel 7 source accuracy at 4V on 6V range
Measured: 4.000144V low limit: 3.99964V high limit: 4.00036V

%PASS - Slot 17 channel 7 acquire accuracy at 4.000144974V on 6V range
Measured: 4.000158V low limit: 3.999784V high limit: 4.000504V

%PASS - Slot 17 channel 7 source accuracy at 5V on 6V range
Measured: 5.000160V low limit: 4.99964V high limit: 5.00036V

%PASS - Slot 17 channel 7 acquire accuracy at 5.000160452V on 6V range
Measured: 5.000102V low limit: 4.999800V high limit: 5.000520V

%PASS - Slot 17 channel 7 source accuracy at 6V on 6V range
Measured: 6.000179V low limit: 5.99964V high limit: 6.00036V

%PASS - Slot 17 channel 7 acquire accuracy at 6.00017974V on 6V range
Measured: 6.000165V low limit: 5.999819V high limit: 6.000539V

- Performing source linearity verification...

%PASS - Slot 17 channel 0 3V Source offset in mV
Measured: 0.8790 low limit: -50 high limit: 50

%PASS - Slot 17 channel 0 3V Source gain in mV
Measured: 0.9997 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 1 3V Source offset in mV
Measured: 0.7251 low limit: -50 high limit: 50

%PASS - Slot 17 channel 1 3V Source gain in mV
Measured: 1.000 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 2 3V Source offset in mV
Measured: -0.8365 low limit: -50 high limit: 50

%PASS - Slot 17 channel 2 3V Source gain in mV
Measured: 1.000 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 3 3V Source offset in mV
Measured: 0.1602 low limit: -50 high limit: 50

%PASS - Slot 17 channel 3 3V Source gain in mV
Measured: 1.000 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 4 3V Source offset in mV
Measured: -2.036 low limit: -50 high limit: 50

%PASS - Slot 17 channel 4 3V Source gain in mV
Measured: 1.000 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 5 3V Source offset in mV
Measured: 0.9123 low limit: -50 high limit: 50

%PASS - Slot 17 channel 5 3V Source gain in mV
Measured: 0.9996 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 6 3V Source offset in mV
Measured: 0.1562 low limit: -50 high limit: 50

%PASS - Slot 17 channel 6 3V Source gain in mV
Measured: 1.000 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 7 3V Source offset in mV
Measured: -7.348E-02 low limit: -50 high limit: 50

%PASS - Slot 17 channel 7 3V Source gain in mV
Measured: 0.9996 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 0 6V Source offset in mV
Measured: 1.362 low limit: -100 high limit: 100

%PASS - Slot 17 channel 0 6V Source gain in mV
Measured: 0.9997 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 1 6V Source offset in mV
Measured: 1.068 low limit: -100 high limit: 100

%PASS - Slot 17 channel 1 6V Source gain in mV
Measured: 1.000 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 2 6V Source offset in mV
Measured: -1.023 low limit: -100 high limit: 100

%PASS - Slot 17 channel 2 6V Source gain in mV
Measured: 1.000 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 3 6V Source offset in mV
Measured: 0.6409 low limit: -100 high limit: 100

%PASS - Slot 17 channel 3 6V Source gain in mV
Measured: 1.000 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 4 6V Source offset in mV
Measured: -3.746 low limit: -100 high limit: 100

%PASS - Slot 17 channel 4 6V Source gain in mV
Measured: 1.000 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 5 6V Source offset in mV
Measured: 1.767 low limit: -100 high limit: 100

%PASS - Slot 17 channel 5 6V Source gain in mV
Measured: 0.9996 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 6 6V Source offset in mV
Measured: 0.3259 low limit: -100 high limit: 100

%PASS - Slot 17 channel 6 6V Source gain in mV
Measured: 1.001 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 7 6V Source offset in mV
Measured: 0.6794 low limit: -100 high limit: 100

%PASS - Slot 17 channel 7 6V Source gain in mV
Measured: 0.9995 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 0 linearity at 0V on 3V range

Measured: -0.00005728114V low limit: -1.238655E-04V high limit: 5.613448E-05V

%PASS - Slot 17 channel 0 linearity at .125V on 3V range
Measured: 0.1249936V low limit: 0.1248800V high limit: 0.1250600V

%PASS - Slot 17 channel 0 linearity at .25V on 3V range
Measured: 0.2499859V low limit: 0.2498840V high limit: 0.2500640V

%PASS - Slot 17 channel 0 linearity at .375V on 3V range
Measured: 0.3749988V low limit: 0.3748879V high limit: 0.3750679V

%PASS - Slot 17 channel 0 linearity at .5V on 3V range
Measured: 0.4999558V low limit: 0.4998919V high limit: 0.5000719V

%PASS - Slot 17 channel 0 linearity at .625V on 3V range
Measured: 0.6249758V low limit: 0.6248958V high limit: 0.6250758V

%PASS - Slot 17 channel 0 linearity at .75V on 3V range
Measured: 0.7499647V low limit: 0.7498998V high limit: 0.7500798V

%PASS - Slot 17 channel 0 linearity at .875V on 3V range
Measured: 0.8750283V low limit: 0.8749037V high limit: 0.8750837V

%PASS - Slot 17 channel 0 linearity at 1V on 3V range
Measured: 0.9999699V low limit: 0.9999077V high limit: 1.000087V

%PASS - Slot 17 channel 0 linearity at 1.125V on 3V range
Measured: 1.124992V low limit: 1.124911V high limit: 1.125091V

%PASS - Slot 17 channel 0 linearity at 1.25V on 3V range
Measured: 1.249985V low limit: 1.249915V high limit: 1.250095V

%PASS - Slot 17 channel 0 linearity at 1.375V on 3V range
Measured: 1.375033V low limit: 1.374919V high limit: 1.375099V

%PASS - Slot 17 channel 0 linearity at 1.5V on 3V range
Measured: 1.499968V low limit: 1.499923V high limit: 1.500103V

%PASS - Slot 17 channel 0 linearity at 1.625V on 3V range
Measured: 1.625018V low limit: 1.624927V high limit: 1.625107V

%PASS - Slot 17 channel 0 linearity at 1.75V on 3V range
Measured: 1.750054V low limit: 1.749931V high limit: 1.750111V

%PASS - Slot 17 channel 0 linearity at 1.875V on 3V range
Measured: 1.875044V low limit: 1.874935V high limit: 1.875115V

%PASS - Slot 17 channel 0 linearity at 2V on 3V range
Measured: 2.000089V low limit: 1.999939V high limit: 2.000119V

%PASS - Slot 17 channel 0 linearity at 2.125V on 3V range
Measured: 2.125022V low limit: 2.124943V high limit: 2.125123V

%PASS - Slot 17 channel 0 linearity at 2.25V on 3V range
Measured: 2.250063V low limit: 2.249947V high limit: 2.250127V

%PASS - Slot 17 channel 0 linearity at 2.375V on 3V range
Measured: 2.375032V low limit: 2.374951V high limit: 2.375131V

%PASS - Slot 17 channel 0 linearity at 2.5V on 3V range
Measured: 2.500071V low limit: 2.499955V high limit: 2.500135V

%PASS - Slot 17 channel 0 linearity at 2.625V on 3V range
Measured: 2.625017V low limit: 2.624959V high limit: 2.625139V

%PASS - Slot 17 channel 0 linearity at 2.75V on 3V range
Measured: 2.750034V low limit: 2.749962V high limit: 2.750142V

%PASS - Slot 17 channel 0 linearity at 2.875V on 3V range
Measured: 2.875031V low limit: 2.874966V high limit: 2.875146V

%PASS - Slot 17 channel 0 linearity at 3V on 3V range
Measured: 3.000060V low limit: 2.999970V high limit: 3.000150V

%PASS - Slot 17 channel 0 maximum linearity error on 3V range
Measured: 6.014833E-05V high limit: 0.00009V

%PASS - Slot 17 channel 0 linearity at 0V on 6V range
Measured: -0.00004182180V low limit: -2.035149E-04V high limit: 1.564850E-04V

%PASS - Slot 17 channel 0 linearity at .25V on 6V range
Measured: 0.2500498V low limit: 0.2497960V high limit: 0.2501560V

%PASS - Slot 17 channel 0 linearity at .5V on 6V range
Measured: 0.4999681V low limit: 0.4997956V high limit: 0.5001556V

%PASS - Slot 17 channel 0 linearity at .75V on 6V range
Measured: 0.7500069V low limit: 0.7497952V high limit: 0.7501552V

%PASS - Slot 17 channel 0 linearity at 1V on 6V range
Measured: 0.9999135V low limit: 0.9997948V high limit: 1.000154V

%PASS - Slot 17 channel 0 linearity at 1.25V on 6V range
Measured: 1.250010V low limit: 1.249794V high limit: 1.250154V

%PASS - Slot 17 channel 0 linearity at 1.5V on 6V range
Measured: 1.499888V low limit: 1.499794V high limit: 1.500154V

%PASS - Slot 17 channel 0 linearity at 1.75V on 6V range
Measured: 1.750025V low limit: 1.749793V high limit: 1.750153V

%PASS - Slot 17 channel 0 linearity at 2V on 6V range
Measured: 1.999915V low limit: 1.999793V high limit: 2.000153V

%PASS - Slot 17 channel 0 linearity at 2.25V on 6V range
Measured: 2.249949V low limit: 2.249792V high limit: 2.250152V

%PASS - Slot 17 channel 0 linearity at 2.5V on 6V range
Measured: 2.499918V low limit: 2.499792V high limit: 2.500152V

%PASS - Slot 17 channel 0 linearity at 2.75V on 6V range
Measured: 2.750013V low limit: 2.749792V high limit: 2.750152V

%PASS - Slot 17 channel 0 linearity at 3V on 6V range

Measured: 2.999866V low limit: 2.999791V high limit: 3.000151V

%PASS - Slot 17 channel 0 linearity at 3.25V on 6V range
Measured: 3.249993V low limit: 3.249791V high limit: 3.250151V

%PASS - Slot 17 channel 0 linearity at 3.5V on 6V range
Measured: 3.500055V low limit: 3.499790V high limit: 3.500150V

%PASS - Slot 17 channel 0 linearity at 3.75V on 6V range
Measured: 3.74998V low limit: 3.749790V high limit: 3.750150V

%PASS - Slot 17 channel 0 linearity at 4V on 6V range
Measured: 4.000078V low limit: 3.999790V high limit: 4.000150V

%PASS - Slot 17 channel 0 linearity at 4.25V on 6V range
Measured: 4.249950V low limit: 4.249789V high limit: 4.250149V

%PASS - Slot 17 channel 0 linearity at 4.5V on 6V range
Measured: 4.500052V low limit: 4.499789V high limit: 4.500149V

%PASS - Slot 17 channel 0 linearity at 4.75V on 6V range
Measured: 4.749924V low limit: 4.749788V high limit: 4.750148V

%PASS - Slot 17 channel 0 linearity at 5V on 6V range
Measured: 5.000024V low limit: 4.999788V high limit: 5.000148V

%PASS - Slot 17 channel 0 linearity at 5.25V on 6V range
Measured: 5.249924V low limit: 5.249788V high limit: 5.250148V

%PASS - Slot 17 channel 0 linearity at 5.5V on 6V range
Measured: 5.499975V low limit: 5.499787V high limit: 5.500147V

%PASS - Slot 17 channel 0 linearity at 5.75V on 6V range
Measured: 5.749883V low limit: 5.749787V high limit: 5.750147V

%PASS - Slot 17 channel 0 linearity at 6V on 6V range
Measured: 5.999964V low limit: 5.999786V high limit: 6.000146V

%PASS - Slot 17 channel 0 maximum linearity error on 6V range
Measured: 1.088836E-04V high limit: 0.00018V

%PASS - Slot 17 channel 1 linearity at 0V on 3V range
Measured: -0.00002052174V low limit: -8.509326E-05V high limit: 9.490673E-05V

%PASS - Slot 17 channel 1 linearity at .125V on 3V range
Measured: 0.1250251V low limit: 0.1249166V high limit: 0.1250966V

%PASS - Slot 17 channel 1 linearity at .25V on 3V range
Measured: 0.2500088V low limit: 0.2499183V high limit: 0.2500983V

%PASS - Slot 17 channel 1 linearity at .375V on 3V range
Measured: 0.3749871V low limit: 0.3749200V high limit: 0.3751000V

%PASS - Slot 17 channel 1 linearity at .5V on 3V range
Measured: 0.4999951V low limit: 0.4999218V high limit: 0.5001018V

%PASS - Slot 17 channel 1 linearity at .625V on 3V range
Measured: 0.6250222V low limit: 0.6249235V high limit: 0.6251035V

%PASS - Slot 17 channel 1 linearity at .75V on 3V range
Measured: 0.7499974V low limit: 0.7499252V high limit: 0.7501052V

%PASS - Slot 17 channel 1 linearity at .875V on 3V range
Measured: 0.8750610V low limit: 0.8749270V high limit: 0.8751070V

%PASS - Slot 17 channel 1 linearity at 1V on 3V range
Measured: 1.000000V low limit: 0.9999287V high limit: 1.000108V

%PASS - Slot 17 channel 1 linearity at 1.125V on 3V range
Measured: 1.125017V low limit: 1.124930V high limit: 1.125110V

%PASS - Slot 17 channel 1 linearity at 1.25V on 3V range
Measured: 1.250020V low limit: 1.249932V high limit: 1.250112V

%PASS - Slot 17 channel 1 linearity at 1.375V on 3V range
Measured: 1.375056V low limit: 1.374933V high limit: 1.375113V

%PASS - Slot 17 channel 1 linearity at 1.5V on 3V range
Measured: 1.499987V low limit: 1.499935V high limit: 1.500115V

%PASS - Slot 17 channel 1 linearity at 1.625V on 3V range
Measured: 1.625025V low limit: 1.624937V high limit: 1.625117V

%PASS - Slot 17 channel 1 linearity at 1.75V on 3V range
Measured: 1.750060V low limit: 1.749939V high limit: 1.750119V

%PASS - Slot 17 channel 1 linearity at 1.875V on 3V range
Measured: 1.875051V low limit: 1.874940V high limit: 1.875120V

%PASS - Slot 17 channel 1 linearity at 2V on 3V range
Measured: 2.000084V low limit: 1.999942V high limit: 2.000122V

%PASS - Slot 17 channel 1 linearity at 2.125V on 3V range
Measured: 2.125009V low limit: 2.124944V high limit: 2.125124V

%PASS - Slot 17 channel 1 linearity at 2.25V on 3V range
Measured: 2.250060V low limit: 2.249946V high limit: 2.250126V

%PASS - Slot 17 channel 1 linearity at 2.375V on 3V range
Measured: 2.375024V low limit: 2.374947V high limit: 2.375127V

%PASS - Slot 17 channel 1 linearity at 2.5V on 3V range
Measured: 2.500048V low limit: 2.499949V high limit: 2.500129V

%PASS - Slot 17 channel 1 linearity at 2.625V on 3V range
Measured: 2.625056V low limit: 2.624951V high limit: 2.625131V

%PASS - Slot 17 channel 1 linearity at 2.75V on 3V range
Measured: 2.750018V low limit: 2.749952V high limit: 2.750132V

%PASS - Slot 17 channel 1 linearity at 2.875V on 3V range
Measured: 2.874998V low limit: 2.874954V high limit: 2.875134V

%PASS - Slot 17 channel 1 linearity at 3V on 3V range

Measured: 3.000043V low limit: 2.999956V high limit: 3.000136V

%PASS - Slot 17 channel 1 maximum linearity error on 3V range
Measured: 5.231240E-05V high limit: 0.00009V

%PASS - Slot 17 channel 1 linearity at 0V on 6V range
Measured: 0.00003771273V low limit: -9.294830E-05V high limit: 2.670516E-04V

%PASS - Slot 17 channel 1 linearity at .25V on 6V range
Measured: 0.2501169V low limit: 0.2499067V high limit: 0.2502667V

%PASS - Slot 17 channel 1 linearity at .5V on 6V range
Measured: 0.5000740V low limit: 0.4999065V high limit: 0.5002665V

%PASS - Slot 17 channel 1 linearity at .75V on 6V range
Measured: 0.7501097V low limit: 0.7499062V high limit: 0.7502662V

%PASS - Slot 17 channel 1 linearity at 1V on 6V range
Measured: 1.000009V low limit: 0.9999059V high limit: 1.000265V

%PASS - Slot 17 channel 1 linearity at 1.25V on 6V range
Measured: 1.250076V low limit: 1.249905V high limit: 1.250265V

%PASS - Slot 17 channel 1 linearity at 1.5V on 6V range
Measured: 1.500020V low limit: 1.499905V high limit: 1.500265V

%PASS - Slot 17 channel 1 linearity at 1.75V on 6V range
Measured: 1.750121V low limit: 1.749905V high limit: 1.750265V

%PASS - Slot 17 channel 1 linearity at 2V on 6V range
Measured: 2.000083V low limit: 1.999904V high limit: 2.000264V

%PASS - Slot 17 channel 1 linearity at 2.25V on 6V range
Measured: 2.250116V low limit: 2.249904V high limit: 2.250264V

%PASS - Slot 17 channel 1 linearity at 2.5V on 6V range
Measured: 2.500099V low limit: 2.499904V high limit: 2.500264V

%PASS - Slot 17 channel 1 linearity at 2.75V on 6V range
Measured: 2.750158V low limit: 2.749904V high limit: 2.750264V

%PASS - Slot 17 channel 1 linearity at 3V on 6V range
Measured: 3.000021V low limit: 2.999903V high limit: 3.000263V

%PASS - Slot 17 channel 1 linearity at 3.25V on 6V range
Measured: 3.250082V low limit: 3.249903V high limit: 3.250263V

%PASS - Slot 17 channel 1 linearity at 3.5V on 6V range
Measured: 3.500144V low limit: 3.499903V high limit: 3.500263V

%PASS - Slot 17 channel 1 linearity at 3.75V on 6V range
Measured: 3.750109V low limit: 3.749903V high limit: 3.750263V

%PASS - Slot 17 channel 1 linearity at 4V on 6V range
Measured: 4.000142V low limit: 3.999902V high limit: 4.000262V

%PASS - Slot 17 channel 1 linearity at 4.25V on 6V range
Measured: 4.250065V low limit: 4.249902V high limit: 4.250262V

%PASS - Slot 17 channel 1 linearity at 4.5V on 6V range
Measured: 4.500172V low limit: 4.499902V high limit: 4.500262V

%PASS - Slot 17 channel 1 linearity at 4.75V on 6V range
Measured: 4.750096V low limit: 4.749901V high limit: 4.750261V

%PASS - Slot 17 channel 1 linearity at 5V on 6V range
Measured: 5.000120V low limit: 4.999901V high limit: 5.000261V

%PASS - Slot 17 channel 1 linearity at 5.25V on 6V range
Measured: 5.250034V low limit: 5.249901V high limit: 5.250261V

%PASS - Slot 17 channel 1 linearity at 5.5V on 6V range
Measured: 5.500034V low limit: 5.499901V high limit: 5.500261V

%PASS - Slot 17 channel 1 linearity at 5.75V on 6V range
Measured: 5.749988V low limit: 5.749900V high limit: 5.750260V

%PASS - Slot 17 channel 1 linearity at 6V on 6V range
Measured: 6.000059V low limit: 5.999900V high limit: 6.000260V

%PASS - Slot 17 channel 1 maximum linearity error on 6V range
Measured: 9.276641E-05V high limit: 0.00018V

%PASS - Slot 17 channel 2 linearity at 0V on 3V range
Measured: 0.00001480176V low limit: -5.089044E-05V high limit: 1.291095E-04V

%PASS - Slot 17 channel 2 linearity at .125V on 3V range
Measured: 0.1250193V low limit: 0.1249498V high limit: 0.1251298V

%PASS - Slot 17 channel 2 linearity at .25V on 3V range
Measured: 0.2500186V low limit: 0.2499505V high limit: 0.2501305V

%PASS - Slot 17 channel 2 linearity at .375V on 3V range
Measured: 0.3750804V low limit: 0.3749513V high limit: 0.3751313V

%PASS - Slot 17 channel 2 linearity at .5V on 3V range
Measured: 0.5000247V low limit: 0.4999520V high limit: 0.5001320V

%PASS - Slot 17 channel 2 linearity at .625V on 3V range
Measured: 0.6250732V low limit: 0.6249527V high limit: 0.6251327V

%PASS - Slot 17 channel 2 linearity at .75V on 3V range
Measured: 0.7500029V low limit: 0.7499535V high limit: 0.7501335V

%PASS - Slot 17 channel 2 linearity at .875V on 3V range
Measured: 0.8750615V low limit: 0.8749542V high limit: 0.8751342V

%PASS - Slot 17 channel 2 linearity at 1V on 3V range
Measured: 1.000060V low limit: 0.9999549V high limit: 1.000134V

%PASS - Slot 17 channel 2 linearity at 1.125V on 3V range
Measured: 1.125053V low limit: 1.124955V high limit: 1.125135V

%PASS - Slot 17 channel 2 linearity at 1.25V on 3V range

Measured: 1.250050V low limit: 1.249956V high limit: 1.250136V

%PASS - Slot 17 channel 2 linearity at 1.375V on 3V range
Measured: 1.375051V low limit: 1.374957V high limit: 1.375137V

%PASS - Slot 17 channel 2 linearity at 1.5V on 3V range
Measured: 1.500026V low limit: 1.499957V high limit: 1.500137V

%PASS - Slot 17 channel 2 linearity at 1.625V on 3V range
Measured: 1.625068V low limit: 1.624958V high limit: 1.625138V

%PASS - Slot 17 channel 2 linearity at 1.75V on 3V range
Measured: 1.750076V low limit: 1.749959V high limit: 1.750139V

%PASS - Slot 17 channel 2 linearity at 1.875V on 3V range
Measured: 1.875062V low limit: 1.874960V high limit: 1.875140V

%PASS - Slot 17 channel 2 linearity at 2V on 3V range
Measured: 2.000061V low limit: 1.999960V high limit: 2.000140V

%PASS - Slot 17 channel 2 linearity at 2.125V on 3V range
Measured: 2.125050V low limit: 2.124961V high limit: 2.125141V

%PASS - Slot 17 channel 2 linearity at 2.25V on 3V range
Measured: 2.250091V low limit: 2.249962V high limit: 2.250142V

%PASS - Slot 17 channel 2 linearity at 2.375V on 3V range
Measured: 2.375024V low limit: 2.374963V high limit: 2.375143V

%PASS - Slot 17 channel 2 linearity at 2.5V on 3V range
Measured: 2.500070V low limit: 2.499963V high limit: 2.500143V

%PASS - Slot 17 channel 2 linearity at 2.625V on 3V range
Measured: 2.625008V low limit: 2.624964V high limit: 2.625144V

%PASS - Slot 17 channel 2 linearity at 2.75V on 3V range
Measured: 2.750052V low limit: 2.749965V high limit: 2.750145V

%PASS - Slot 17 channel 2 linearity at 2.875V on 3V range
Measured: 2.875051V low limit: 2.874966V high limit: 2.875146V

%PASS - Slot 17 channel 2 linearity at 3V on 3V range
Measured: 3.000041V low limit: 2.999966V high limit: 3.000146V

%PASS - Slot 17 channel 2 maximum linearity error on 3V range
Measured: 4.649662E-05V high limit: 0.00009V

%PASS - Slot 17 channel 2 linearity at 0V on 6V range
Measured: 0.00001553677V low limit: -7.798140E-05V high limit: 2.820185E-04V

%PASS - Slot 17 channel 2 linearity at .25V on 6V range
Measured: 0.2500562V low limit: 0.2499196V high limit: 0.2502796V

%PASS - Slot 17 channel 2 linearity at .5V on 6V range
Measured: 0.5000501V low limit: 0.4999172V high limit: 0.5002772V

%PASS - Slot 17 channel 2 linearity at .75V on 6V range
Measured: 0.7501268V low limit: 0.7499148V high limit: 0.7502748V

%PASS - Slot 17 channel 2 linearity at 1V on 6V range
Measured: 1.000090V low limit: 0.9999125V high limit: 1.000272V

%PASS - Slot 17 channel 2 linearity at 1.25V on 6V range
Measured: 1.250142V low limit: 1.249910V high limit: 1.250270V

%PASS - Slot 17 channel 2 linearity at 1.5V on 6V range
Measured: 1.500079V low limit: 1.499907V high limit: 1.500267V

%PASS - Slot 17 channel 2 linearity at 1.75V on 6V range
Measured: 1.750134V low limit: 1.749905V high limit: 1.750265V

%PASS - Slot 17 channel 2 linearity at 2V on 6V range
Measured: 2.000098V low limit: 1.999903V high limit: 2.000263V

%PASS - Slot 17 channel 2 linearity at 2.25V on 6V range
Measured: 2.250140V low limit: 2.249900V high limit: 2.250260V

%PASS - Slot 17 channel 2 linearity at 2.5V on 6V range
Measured: 2.500110V low limit: 2.499898V high limit: 2.500258V

%PASS - Slot 17 channel 2 linearity at 2.75V on 6V range
Measured: 2.750168V low limit: 2.749895V high limit: 2.750255V

%PASS - Slot 17 channel 2 linearity at 3V on 6V range
Measured: 2.999981V low limit: 2.999893V high limit: 3.000253V

%PASS - Slot 17 channel 2 linearity at 3.25V on 6V range
Measured: 3.250058V low limit: 3.249891V high limit: 3.250251V

%PASS - Slot 17 channel 2 linearity at 3.5V on 6V range
Measured: 3.500094V low limit: 3.499888V high limit: 3.500248V

%PASS - Slot 17 channel 2 linearity at 3.75V on 6V range
Measured: 3.750045V low limit: 3.749886V high limit: 3.750246V

%PASS - Slot 17 channel 2 linearity at 4V on 6V range
Measured: 4.000103V low limit: 3.999884V high limit: 4.000244V

%PASS - Slot 17 channel 2 linearity at 4.25V on 6V range
Measured: 4.250055V low limit: 4.249881V high limit: 4.250241V

%PASS - Slot 17 channel 2 linearity at 4.5V on 6V range
Measured: 4.500088V low limit: 4.499879V high limit: 4.500239V

%PASS - Slot 17 channel 2 linearity at 4.75V on 6V range
Measured: 4.750013V low limit: 4.749876V high limit: 4.750236V

%PASS - Slot 17 channel 2 linearity at 5V on 6V range
Measured: 5.000075V low limit: 4.999874V high limit: 5.000234V

%PASS - Slot 17 channel 2 linearity at 5.25V on 6V range
Measured: 5.250020V low limit: 5.249872V high limit: 5.250232V

%PASS - Slot 17 channel 2 linearity at 5.5V on 6V range

Measured: 5.500042V low limit: 5.499869V high limit: 5.500229V

%PASS - Slot 17 channel 2 linearity at 5.75V on 6V range
Measured: 5.750006V low limit: 5.749867V high limit: 5.750227V

%PASS - Slot 17 channel 2 linearity at 6V on 6V range
Measured: 6.000038V low limit: 5.999865V high limit: 6.000225V

%PASS - Slot 17 channel 2 maximum linearity error on 6V range
Measured: 9.303796E-05V high limit: 0.00018V

%PASS - Slot 17 channel 3 linearity at 0V on 3V range
Measured: 0.00002494844V low limit: -5.157878E-05V high limit: 1.284212E-04V

%PASS - Slot 17 channel 3 linearity at .125V on 3V range
Measured: 0.1250439V low limit: 0.1249508V high limit: 0.1251308V

%PASS - Slot 17 channel 3 linearity at .25V on 3V range
Measured: 0.2500007V low limit: 0.2499531V high limit: 0.2501331V

%PASS - Slot 17 channel 3 linearity at .375V on 3V range
Measured: 0.3750586V low limit: 0.3749555V high limit: 0.3751355V

%PASS - Slot 17 channel 3 linearity at .5V on 3V range
Measured: 0.5000246V low limit: 0.4999579V high limit: 0.5001379V

%PASS - Slot 17 channel 3 linearity at .625V on 3V range
Measured: 0.6250818V low limit: 0.6249603V high limit: 0.6251403V

%PASS - Slot 17 channel 3 linearity at .75V on 3V range
Measured: 0.7500392V low limit: 0.7499626V high limit: 0.7501426V

%PASS - Slot 17 channel 3 linearity at .875V on 3V range
Measured: 0.8750552V low limit: 0.8749650V high limit: 0.8751450V

%PASS - Slot 17 channel 3 linearity at 1V on 3V range
Measured: 1.000070V low limit: 0.9999674V high limit: 1.000147V

%PASS - Slot 17 channel 3 linearity at 1.125V on 3V range
Measured: 1.125059V low limit: 1.124969V high limit: 1.125149V

%PASS - Slot 17 channel 3 linearity at 1.25V on 3V range
Measured: 1.250043V low limit: 1.249972V high limit: 1.250152V

%PASS - Slot 17 channel 3 linearity at 1.375V on 3V range
Measured: 1.375095V low limit: 1.374974V high limit: 1.375154V

%PASS - Slot 17 channel 3 linearity at 1.5V on 3V range
Measured: 1.500056V low limit: 1.499976V high limit: 1.500156V

%PASS - Slot 17 channel 3 linearity at 1.625V on 3V range
Measured: 1.625071V low limit: 1.624979V high limit: 1.625159V

%PASS - Slot 17 channel 3 linearity at 1.75V on 3V range
Measured: 1.750126V low limit: 1.749981V high limit: 1.750161V

%PASS - Slot 17 channel 3 linearity at 1.875V on 3V range
Measured: 1.875087V low limit: 1.874984V high limit: 1.875164V

%PASS - Slot 17 channel 3 linearity at 2V on 3V range
Measured: 2.000085V low limit: 1.999986V high limit: 2.000166V

%PASS - Slot 17 channel 3 linearity at 2.125V on 3V range
Measured: 2.125091V low limit: 2.124988V high limit: 2.125168V

%PASS - Slot 17 channel 3 linearity at 2.25V on 3V range
Measured: 2.250098V low limit: 2.249991V high limit: 2.250171V

%PASS - Slot 17 channel 3 linearity at 2.375V on 3V range
Measured: 2.375047V low limit: 2.374993V high limit: 2.375173V

%PASS - Slot 17 channel 3 linearity at 2.5V on 3V range
Measured: 2.500103V low limit: 2.499996V high limit: 2.500176V

%PASS - Slot 17 channel 3 linearity at 2.625V on 3V range
Measured: 2.625068V low limit: 2.624998V high limit: 2.625178V

%PASS - Slot 17 channel 3 linearity at 2.75V on 3V range
Measured: 2.750111V low limit: 2.750000V high limit: 2.750180V

%PASS - Slot 17 channel 3 linearity at 2.875V on 3V range
Measured: 2.875058V low limit: 2.875003V high limit: 2.875183V

%PASS - Slot 17 channel 3 linearity at 3V on 3V range
Measured: 3.000068V low limit: 3.000005V high limit: 3.000185V

%PASS - Slot 17 channel 3 maximum linearity error on 3V range
Measured: 5.498330E-05V high limit: 0.00009V

%PASS - Slot 17 channel 3 linearity at 0V on 6V range
Measured: -0.00001111794V low limit: -1.738577E-04V high limit: 1.861422E-04V

%PASS - Slot 17 channel 3 linearity at .25V on 6V range
Measured: 0.2500655V low limit: 0.2498250V high limit: 0.2501850V

%PASS - Slot 17 channel 3 linearity at .5V on 6V range
Measured: 0.4999375V low limit: 0.4998240V high limit: 0.5001840V

%PASS - Slot 17 channel 3 linearity at .75V on 6V range
Measured: 0.7499962V low limit: 0.7498230V high limit: 0.7501830V

%PASS - Slot 17 channel 3 linearity at 1V on 6V range
Measured: 0.9999771V low limit: 0.9998219V high limit: 1.000181V

%PASS - Slot 17 channel 3 linearity at 1.25V on 6V range
Measured: 1.250055V low limit: 1.249820V high limit: 1.250180V

%PASS - Slot 17 channel 3 linearity at 1.5V on 6V range
Measured: 1.499910V low limit: 1.499819V high limit: 1.500179V

%PASS - Slot 17 channel 3 linearity at 1.75V on 6V range
Measured: 1.750011V low limit: 1.749818V high limit: 1.750178V

%PASS - Slot 17 channel 3 linearity at 2V on 6V range

Measured: 1.999991V low limit: 1.999817V high limit: 2.000177V

%PASS - Slot 17 channel 3 linearity at 2.25V on 6V range
Measured: 2.250018V low limit: 2.249816V high limit: 2.250176V

%PASS - Slot 17 channel 3 linearity at 2.5V on 6V range
Measured: 2.499939V low limit: 2.499815V high limit: 2.500175V

%PASS - Slot 17 channel 3 linearity at 2.75V on 6V range
Measured: 2.749999V low limit: 2.749814V high limit: 2.750174V

%PASS - Slot 17 channel 3 linearity at 3V on 6V range
Measured: 2.999964V low limit: 2.999813V high limit: 3.000173V

%PASS - Slot 17 channel 3 linearity at 3.25V on 6V range
Measured: 3.250049V low limit: 3.249812V high limit: 3.250172V

%PASS - Slot 17 channel 3 linearity at 3.5V on 6V range
Measured: 3.500105V low limit: 3.499811V high limit: 3.500171V

%PASS - Slot 17 channel 3 linearity at 3.75V on 6V range
Measured: 3.749988V low limit: 3.749810V high limit: 3.750170V

%PASS - Slot 17 channel 3 linearity at 4V on 6V range
Measured: 4.000020V low limit: 3.999809V high limit: 4.000169V

%PASS - Slot 17 channel 3 linearity at 4.25V on 6V range
Measured: 4.250007V low limit: 4.249808V high limit: 4.250168V

%PASS - Slot 17 channel 3 linearity at 4.5V on 6V range
Measured: 4.500075V low limit: 4.499807V high limit: 4.500167V

%PASS - Slot 17 channel 3 linearity at 4.75V on 6V range
Measured: 4.749926V low limit: 4.749806V high limit: 4.750166V

%PASS - Slot 17 channel 3 linearity at 5V on 6V range
Measured: 4.999998V low limit: 4.999805V high limit: 5.000165V

%PASS - Slot 17 channel 3 linearity at 5.25V on 6V range
Measured: 5.249975V low limit: 5.249804V high limit: 5.250164V

%PASS - Slot 17 channel 3 linearity at 5.5V on 6V range
Measured: 5.500016V low limit: 5.499803V high limit: 5.500163V

%PASS - Slot 17 channel 3 linearity at 5.75V on 6V range
Measured: 5.749868V low limit: 5.749802V high limit: 5.750162V

%PASS - Slot 17 channel 3 linearity at 6V on 6V range
Measured: 5.999952V low limit: 5.999801V high limit: 6.000161V

%PASS - Slot 17 channel 3 maximum linearity error on 6V range
Measured: 1.141880E-04V high limit: 0.00018V

%PASS - Slot 17 channel 4 linearity at 0V on 3V range
Measured: 0.00004310414V low limit: -2.772453E-05V high limit: 1.522754E-04V

%PASS - Slot 17 channel 4 linearity at .125V on 3V range
Measured: 0.1250750V low limit: 0.1249707V high limit: 0.1251507V

%PASS - Slot 17 channel 4 linearity at .25V on 3V range
Measured: 0.2500429V low limit: 0.2499693V high limit: 0.2501493V

%PASS - Slot 17 channel 4 linearity at .375V on 3V range
Measured: 0.3750718V low limit: 0.3749678V high limit: 0.3751478V

%PASS - Slot 17 channel 4 linearity at .5V on 3V range
Measured: 0.5000461V low limit: 0.4999663V high limit: 0.5001463V

%PASS - Slot 17 channel 4 linearity at .625V on 3V range
Measured: 0.6250709V low limit: 0.6249648V high limit: 0.6251448V

%PASS - Slot 17 channel 4 linearity at .75V on 3V range
Measured: 0.7500392V low limit: 0.7499633V high limit: 0.7501433V

%PASS - Slot 17 channel 4 linearity at .875V on 3V range
Measured: 0.8750621V low limit: 0.8749618V high limit: 0.8751418V

%PASS - Slot 17 channel 4 linearity at 1V on 3V range
Measured: 1.000030V low limit: 0.9999604V high limit: 1.000140V

%PASS - Slot 17 channel 4 linearity at 1.125V on 3V range
Measured: 1.125045V low limit: 1.124958V high limit: 1.125138V

%PASS - Slot 17 channel 4 linearity at 1.25V on 3V range
Measured: 1.250020V low limit: 1.249957V high limit: 1.250137V

%PASS - Slot 17 channel 4 linearity at 1.375V on 3V range
Measured: 1.375035V low limit: 1.374955V high limit: 1.375135V

%PASS - Slot 17 channel 4 linearity at 1.5V on 3V range
Measured: 1.500008V low limit: 1.499954V high limit: 1.500134V

%PASS - Slot 17 channel 4 linearity at 1.625V on 3V range
Measured: 1.625073V low limit: 1.624952V high limit: 1.625132V

%PASS - Slot 17 channel 4 linearity at 1.75V on 3V range
Measured: 1.750091V low limit: 1.749951V high limit: 1.750131V

%PASS - Slot 17 channel 4 linearity at 1.875V on 3V range
Measured: 1.875064V low limit: 1.874950V high limit: 1.875130V

%PASS - Slot 17 channel 4 linearity at 2V on 3V range
Measured: 2.000071V low limit: 1.999948V high limit: 2.000128V

%PASS - Slot 17 channel 4 linearity at 2.125V on 3V range
Measured: 2.125044V low limit: 2.124947V high limit: 2.125127V

%PASS - Slot 17 channel 4 linearity at 2.25V on 3V range
Measured: 2.250066V low limit: 2.249945V high limit: 2.250125V

%PASS - Slot 17 channel 4 linearity at 2.375V on 3V range
Measured: 2.375031V low limit: 2.374944V high limit: 2.375124V

%PASS - Slot 17 channel 4 linearity at 2.5V on 3V range

Measured: 2.500046V low limit: 2.499942V high limit: 2.500122V

%PASS - Slot 17 channel 4 linearity at 2.625V on 3V range
Measured: 2.625015V low limit: 2.624941V high limit: 2.625121V

%PASS - Slot 17 channel 4 linearity at 2.75V on 3V range
Measured: 2.750024V low limit: 2.749939V high limit: 2.750119V

%PASS - Slot 17 channel 4 linearity at 2.875V on 3V range
Measured: 2.874988V low limit: 2.874938V high limit: 2.875118V

%PASS - Slot 17 channel 4 linearity at 3V on 3V range
Measured: 3.000002V low limit: 2.999936V high limit: 3.000116V

%PASS - Slot 17 channel 4 maximum linearity error on 3V range
Measured: 5.000492E-05V high limit: 0.00009V

%PASS - Slot 17 channel 4 linearity at 0V on 6V range
Measured: 0.00003913813V low limit: -7.377900E-05V high limit: 2.862209E-04V

%PASS - Slot 17 channel 4 linearity at .25V on 6V range
Measured: 0.2500833V low limit: 0.2499204V high limit: 0.2502804V

%PASS - Slot 17 channel 4 linearity at .5V on 6V range
Measured: 0.5000977V low limit: 0.4999147V high limit: 0.5002747V

%PASS - Slot 17 channel 4 linearity at .75V on 6V range
Measured: 0.7501337V low limit: 0.7499089V high limit: 0.7502689V

%PASS - Slot 17 channel 4 linearity at 1V on 6V range
Measured: 1.000071V low limit: 0.9999031V high limit: 1.000263V

%PASS - Slot 17 channel 4 linearity at 1.25V on 6V range
Measured: 1.250099V low limit: 1.249897V high limit: 1.250257V

%PASS - Slot 17 channel 4 linearity at 1.5V on 6V range
Measured: 1.500019V low limit: 1.499891V high limit: 1.500251V

%PASS - Slot 17 channel 4 linearity at 1.75V on 6V range
Measured: 1.750139V low limit: 1.749885V high limit: 1.750245V

%PASS - Slot 17 channel 4 linearity at 2V on 6V range
Measured: 2.000067V low limit: 1.999880V high limit: 2.000240V

%PASS - Slot 17 channel 4 linearity at 2.25V on 6V range
Measured: 2.250080V low limit: 2.249874V high limit: 2.250234V

%PASS - Slot 17 channel 4 linearity at 2.5V on 6V range
Measured: 2.500013V low limit: 2.499868V high limit: 2.500228V

%PASS - Slot 17 channel 4 linearity at 2.75V on 6V range
Measured: 2.750033V low limit: 2.749862V high limit: 2.750222V

%PASS - Slot 17 channel 4 linearity at 3V on 6V range
Measured: 2.999964V low limit: 2.999857V high limit: 3.000217V

%PASS - Slot 17 channel 4 linearity at 3.25V on 6V range
Measured: 3.250084V low limit: 3.249851V high limit: 3.250211V

%PASS - Slot 17 channel 4 linearity at 3.5V on 6V range
Measured: 3.500094V low limit: 3.499845V high limit: 3.500205V

%PASS - Slot 17 channel 4 linearity at 3.75V on 6V range
Measured: 3.750030V low limit: 3.749839V high limit: 3.750199V

%PASS - Slot 17 channel 4 linearity at 4V on 6V range
Measured: 4.000033V low limit: 3.999834V high limit: 4.000194V

%PASS - Slot 17 channel 4 linearity at 4.25V on 6V range
Measured: 4.249962V low limit: 4.249828V high limit: 4.250188V

%PASS - Slot 17 channel 4 linearity at 4.5V on 6V range
Measured: 4.500084V low limit: 4.499822V high limit: 4.500182V

%PASS - Slot 17 channel 4 linearity at 4.75V on 6V range
Measured: 4.749991V low limit: 4.749816V high limit: 4.750176V

%PASS - Slot 17 channel 4 linearity at 5V on 6V range
Measured: 5.000012V low limit: 4.999811V high limit: 5.000171V

%PASS - Slot 17 channel 4 linearity at 5.25V on 6V range
Measured: 5.249932V low limit: 5.249805V high limit: 5.250165V

%PASS - Slot 17 channel 4 linearity at 5.5V on 6V range
Measured: 5.499936V low limit: 5.499799V high limit: 5.500159V

%PASS - Slot 17 channel 4 linearity at 5.75V on 6V range
Measured: 5.749943V low limit: 5.749793V high limit: 5.750153V

%PASS - Slot 17 channel 4 linearity at 6V on 6V range
Measured: 5.999977V low limit: 5.999787V high limit: 6.000147V

%PASS - Slot 17 channel 4 maximum linearity error on 6V range
Measured: 8.198806E-05V high limit: 0.00018V

%PASS - Slot 17 channel 5 linearity at 0V on 3V range
Measured: 0.000008062831V low limit: -6.010354E-05V high limit: 1.198964E-04V

%PASS - Slot 17 channel 5 linearity at .125V on 3V range
Measured: 0.1250445V low limit: 0.1249413V high limit: 0.1251213V

%PASS - Slot 17 channel 5 linearity at .25V on 3V range
Measured: 0.2500239V low limit: 0.2499427V high limit: 0.2501227V

%PASS - Slot 17 channel 5 linearity at .375V on 3V range
Measured: 0.3750549V low limit: 0.3749441V high limit: 0.3751241V

%PASS - Slot 17 channel 5 linearity at .5V on 3V range
Measured: 0.5000378V low limit: 0.4999455V high limit: 0.5001255V

%PASS - Slot 17 channel 5 linearity at .625V on 3V range
Measured: 0.6250718V low limit: 0.6249469V high limit: 0.6251269V

%PASS - Slot 17 channel 5 linearity at .75V on 3V range

Measured: 0.7500029V low limit: 0.7499483V high limit: 0.7501283V

%PASS - Slot 17 channel 5 linearity at .875V on 3V range
Measured: 0.8750334V low limit: 0.8749497V high limit: 0.8751297V

%PASS - Slot 17 channel 5 linearity at 1V on 3V range
Measured: 1.000019V low limit: 0.9999511V high limit: 1.000131V

%PASS - Slot 17 channel 5 linearity at 1.125V on 3V range
Measured: 1.125048V low limit: 1.124952V high limit: 1.125132V

%PASS - Slot 17 channel 5 linearity at 1.25V on 3V range
Measured: 1.250043V low limit: 1.249953V high limit: 1.250133V

%PASS - Slot 17 channel 5 linearity at 1.375V on 3V range
Measured: 1.375066V low limit: 1.374955V high limit: 1.375135V

%PASS - Slot 17 channel 5 linearity at 1.5V on 3V range
Measured: 1.500007V low limit: 1.499956V high limit: 1.500136V

%PASS - Slot 17 channel 5 linearity at 1.625V on 3V range
Measured: 1.625044V low limit: 1.624958V high limit: 1.625138V

%PASS - Slot 17 channel 5 linearity at 1.75V on 3V range
Measured: 1.750066V low limit: 1.749959V high limit: 1.750139V

%PASS - Slot 17 channel 5 linearity at 1.875V on 3V range
Measured: 1.875054V low limit: 1.874961V high limit: 1.875141V

%PASS - Slot 17 channel 5 linearity at 2V on 3V range
Measured: 2.000082V low limit: 1.999962V high limit: 2.000142V

%PASS - Slot 17 channel 5 linearity at 2.125V on 3V range
Measured: 2.125067V low limit: 2.124963V high limit: 2.125143V

%PASS - Slot 17 channel 5 linearity at 2.25V on 3V range
Measured: 2.250089V low limit: 2.249965V high limit: 2.250145V

%PASS - Slot 17 channel 5 linearity at 2.375V on 3V range
Measured: 2.375026V low limit: 2.374966V high limit: 2.375146V

%PASS - Slot 17 channel 5 linearity at 2.5V on 3V range
Measured: 2.500055V low limit: 2.499968V high limit: 2.500148V

%PASS - Slot 17 channel 5 linearity at 2.625V on 3V range
Measured: 2.625033V low limit: 2.624969V high limit: 2.625149V

%PASS - Slot 17 channel 5 linearity at 2.75V on 3V range
Measured: 2.750067V low limit: 2.749970V high limit: 2.750150V

%PASS - Slot 17 channel 5 linearity at 2.875V on 3V range
Measured: 2.875041V low limit: 2.874972V high limit: 2.875152V

%PASS - Slot 17 channel 5 linearity at 3V on 3V range
Measured: 3.000075V low limit: 2.999973V high limit: 3.000153V

%PASS - Slot 17 channel 5 maximum linearity error on 3V range
Measured: 3.916853E-05V high limit: 0.00009V

%PASS - Slot 17 channel 5 linearity at 0V on 6V range
Measured: -0.00003778973V low limit: -1.707459E-04V high limit: 1.892540E-04V

%PASS - Slot 17 channel 5 linearity at .25V on 6V range
Measured: 0.2500357V low limit: 0.2498252V high limit: 0.2501852V

%PASS - Slot 17 channel 5 linearity at .5V on 6V range
Measured: 0.4999895V low limit: 0.4998213V high limit: 0.5001813V

%PASS - Slot 17 channel 5 linearity at .75V on 6V range
Measured: 0.7500466V low limit: 0.7498173V high limit: 0.7501773V

%PASS - Slot 17 channel 5 linearity at 1V on 6V range
Measured: 1.000010V low limit: 0.9998133V high limit: 1.000173V

%PASS - Slot 17 channel 5 linearity at 1.25V on 6V range
Measured: 1.249978V low limit: 1.249809V high limit: 1.250169V

%PASS - Slot 17 channel 5 linearity at 1.5V on 6V range
Measured: 1.499934V low limit: 1.499805V high limit: 1.500165V

%PASS - Slot 17 channel 5 linearity at 1.75V on 6V range
Measured: 1.749993V low limit: 1.749801V high limit: 1.750161V

%PASS - Slot 17 channel 5 linearity at 2V on 6V range
Measured: 1.999961V low limit: 1.999797V high limit: 2.000157V

%PASS - Slot 17 channel 5 linearity at 2.25V on 6V range
Measured: 2.250015V low limit: 2.249793V high limit: 2.250153V

%PASS - Slot 17 channel 5 linearity at 2.5V on 6V range
Measured: 2.499902V low limit: 2.499789V high limit: 2.500149V

%PASS - Slot 17 channel 5 linearity at 2.75V on 6V range
Measured: 2.749952V low limit: 2.749785V high limit: 2.750145V

%PASS - Slot 17 channel 5 linearity at 3V on 6V range
Measured: 2.999927V low limit: 2.999781V high limit: 3.000141V

%PASS - Slot 17 channel 5 linearity at 3.25V on 6V range
Measured: 3.249996V low limit: 3.249777V high limit: 3.250137V

%PASS - Slot 17 channel 5 linearity at 3.5V on 6V range
Measured: 3.500040V low limit: 3.499773V high limit: 3.500133V

%PASS - Slot 17 channel 5 linearity at 3.75V on 6V range
Measured: 3.749921V low limit: 3.749769V high limit: 3.750129V

%PASS - Slot 17 channel 5 linearity at 4V on 6V range
Measured: 3.999976V low limit: 3.999765V high limit: 4.000125V

%PASS - Slot 17 channel 5 linearity at 4.25V on 6V range
Measured: 4.249939V low limit: 4.249761V high limit: 4.250121V

%PASS - Slot 17 channel 5 linearity at 4.5V on 6V range

Measured: 4.499986V low limit: 4.499757V high limit: 4.500117V

%PASS - Slot 17 channel 5 linearity at 4.75V on 6V range
Measured: 4.749943V low limit: 4.749753V high limit: 4.750113V

%PASS - Slot 17 channel 5 linearity at 5V on 6V range
Measured: 4.999915V low limit: 4.999749V high limit: 5.000109V

%PASS - Slot 17 channel 5 linearity at 5.25V on 6V range
Measured: 5.249865V low limit: 5.249745V high limit: 5.250105V

%PASS - Slot 17 channel 5 linearity at 5.5V on 6V range
Measured: 5.499931V low limit: 5.499741V high limit: 5.500101V

%PASS - Slot 17 channel 5 linearity at 5.75V on 6V range
Measured: 5.749873V low limit: 5.749737V high limit: 5.750097V

%PASS - Slot 17 channel 5 linearity at 6V on 6V range
Measured: 5.999936V low limit: 5.999733V high limit: 6.000093V

%PASS - Slot 17 channel 5 maximum linearity error on 6V range
Measured: 8.673241E-05V high limit: 0.00018V

%PASS - Slot 17 channel 6 linearity at 0V on 3V range
Measured: 0.00001135639V low limit: -5.967895E-05V high limit: 1.203210E-04V

%PASS - Slot 17 channel 6 linearity at .125V on 3V range
Measured: 0.1250578V low limit: 0.1249396V high limit: 0.1251196V

%PASS - Slot 17 channel 6 linearity at .25V on 3V range
Measured: 0.2500041V low limit: 0.2499390V high limit: 0.2501190V

%PASS - Slot 17 channel 6 linearity at .375V on 3V range
Measured: 0.3750565V low limit: 0.3749383V high limit: 0.3751183V

%PASS - Slot 17 channel 6 linearity at .5V on 3V range
Measured: 0.5000064V low limit: 0.4999377V high limit: 0.5001177V

%PASS - Slot 17 channel 6 linearity at .625V on 3V range
Measured: 0.6250532V low limit: 0.6249370V high limit: 0.6251170V

%PASS - Slot 17 channel 6 linearity at .75V on 3V range
Measured: 0.7499972V low limit: 0.7499363V high limit: 0.7501163V

%PASS - Slot 17 channel 6 linearity at .875V on 3V range
Measured: 0.8750397V low limit: 0.8749357V high limit: 0.8751157V

%PASS - Slot 17 channel 6 linearity at 1V on 3V range
Measured: 0.9999913V low limit: 0.9999350V high limit: 1.000115V

%PASS - Slot 17 channel 6 linearity at 1.125V on 3V range
Measured: 1.125040V low limit: 1.124934V high limit: 1.125114V

%PASS - Slot 17 channel 6 linearity at 1.25V on 3V range
Measured: 1.249993V low limit: 1.249933V high limit: 1.250113V

%PASS - Slot 17 channel 6 linearity at 1.375V on 3V range
Measured: 1.375032V low limit: 1.374933V high limit: 1.375113V

%PASS - Slot 17 channel 6 linearity at 1.5V on 3V range
Measured: 1.499987V low limit: 1.499932V high limit: 1.500112V

%PASS - Slot 17 channel 6 linearity at 1.625V on 3V range
Measured: 1.625024V low limit: 1.624931V high limit: 1.625111V

%PASS - Slot 17 channel 6 linearity at 1.75V on 3V range
Measured: 1.750067V low limit: 1.749931V high limit: 1.750111V

%PASS - Slot 17 channel 6 linearity at 1.875V on 3V range
Measured: 1.875017V low limit: 1.874930V high limit: 1.875110V

%PASS - Slot 17 channel 6 linearity at 2V on 3V range
Measured: 2.000071V low limit: 1.999929V high limit: 2.000109V

%PASS - Slot 17 channel 6 linearity at 2.125V on 3V range
Measured: 2.125018V low limit: 2.124929V high limit: 2.125109V

%PASS - Slot 17 channel 6 linearity at 2.25V on 3V range
Measured: 2.250059V low limit: 2.249928V high limit: 2.250108V

%PASS - Slot 17 channel 6 linearity at 2.375V on 3V range
Measured: 2.374997V low limit: 2.374927V high limit: 2.375107V

%PASS - Slot 17 channel 6 linearity at 2.5V on 3V range
Measured: 2.500043V low limit: 2.499927V high limit: 2.500107V

%PASS - Slot 17 channel 6 linearity at 2.625V on 3V range
Measured: 2.624987V low limit: 2.624926V high limit: 2.625106V

%PASS - Slot 17 channel 6 linearity at 2.75V on 3V range
Measured: 2.750024V low limit: 2.749925V high limit: 2.750105V

%PASS - Slot 17 channel 6 linearity at 2.875V on 3V range
Measured: 2.874966V low limit: 2.874925V high limit: 2.875105V

%PASS - Slot 17 channel 6 linearity at 3V on 3V range
Measured: 3.000011V low limit: 2.999924V high limit: 3.000104V

%PASS - Slot 17 channel 6 maximum linearity error on 3V range
Measured: 5.115950E-05V high limit: 0.00009V

%PASS - Slot 17 channel 6 linearity at 0V on 6V range
Measured: 0.00003747604V low limit: -1.393420E-04V high limit: 2.206579E-04V

%PASS - Slot 17 channel 6 linearity at .25V on 6V range
Measured: 0.2500589V low limit: 0.2498616V high limit: 0.2502216V

%PASS - Slot 17 channel 6 linearity at .5V on 6V range
Measured: 0.4999802V low limit: 0.4998627V high limit: 0.5002227V

%PASS - Slot 17 channel 6 linearity at .75V on 6V range
Measured: 0.7501103V low limit: 0.7498637V high limit: 0.7502237V

%PASS - Slot 17 channel 6 linearity at 1V on 6V range

Measured: 1.000037V low limit: 0.9998647V high limit: 1.000224V

%PASS - Slot 17 channel 6 linearity at 1.25V on 6V range
Measured: 1.250059V low limit: 1.249865V high limit: 1.250225V

%PASS - Slot 17 channel 6 linearity at 1.5V on 6V range
Measured: 1.499975V low limit: 1.499866V high limit: 1.500226V

%PASS - Slot 17 channel 6 linearity at 1.75V on 6V range
Measured: 1.750086V low limit: 1.749867V high limit: 1.750227V

%PASS - Slot 17 channel 6 linearity at 2V on 6V range
Measured: 2.000017V low limit: 1.999868V high limit: 2.000228V

%PASS - Slot 17 channel 6 linearity at 2.25V on 6V range
Measured: 2.250047V low limit: 2.249869V high limit: 2.250229V

%PASS - Slot 17 channel 6 linearity at 2.5V on 6V range
Measured: 2.499981V low limit: 2.499870V high limit: 2.500230V

%PASS - Slot 17 channel 6 linearity at 2.75V on 6V range
Measured: 2.750089V low limit: 2.749871V high limit: 2.750231V

%PASS - Slot 17 channel 6 linearity at 3V on 6V range
Measured: 3.000025V low limit: 2.999872V high limit: 3.000232V

%PASS - Slot 17 channel 6 linearity at 3.25V on 6V range
Measured: 3.250036V low limit: 3.249874V high limit: 3.250234V

%PASS - Slot 17 channel 6 linearity at 3.5V on 6V range
Measured: 3.500145V low limit: 3.499875V high limit: 3.500235V

%PASS - Slot 17 channel 6 linearity at 3.75V on 6V range
Measured: 3.750076V low limit: 3.749876V high limit: 3.750236V

%PASS - Slot 17 channel 6 linearity at 4V on 6V range
Measured: 4.000114V low limit: 3.999877V high limit: 4.000237V

%PASS - Slot 17 channel 6 linearity at 4.25V on 6V range
Measured: 4.250035V low limit: 4.249878V high limit: 4.250238V

%PASS - Slot 17 channel 6 linearity at 4.5V on 6V range
Measured: 4.500142V low limit: 4.499879V high limit: 4.500239V

%PASS - Slot 17 channel 6 linearity at 4.75V on 6V range
Measured: 4.750057V low limit: 4.749880V high limit: 4.750240V

%PASS - Slot 17 channel 6 linearity at 5V on 6V range
Measured: 5.000075V low limit: 4.999881V high limit: 5.000241V

%PASS - Slot 17 channel 6 linearity at 5.25V on 6V range
Measured: 5.249997V low limit: 5.249882V high limit: 5.250242V

%PASS - Slot 17 channel 6 linearity at 5.5V on 6V range
Measured: 5.500095V low limit: 5.499883V high limit: 5.500243V

%PASS - Slot 17 channel 6 linearity at 5.75V on 6V range
Measured: 5.750009V low limit: 5.749884V high limit: 5.750244V

%PASS - Slot 17 channel 6 linearity at 6V on 6V range
Measured: 6.000033V low limit: 5.999885V high limit: 6.000245V

%PASS - Slot 17 channel 6 maximum linearity error on 6V range
Measured: 9.004260E-05V high limit: 0.00018V

%PASS - Slot 17 channel 7 linearity at 0V on 3V range
Measured: 0.00002075974V low limit: -5.772539E-05V high limit: 1.222746E-04V

%PASS - Slot 17 channel 7 linearity at .125V on 3V range
Measured: 0.1250549V low limit: 0.1249437V high limit: 0.1251237V

%PASS - Slot 17 channel 7 linearity at .25V on 3V range
Measured: 0.2500230V low limit: 0.2499451V high limit: 0.2501251V

%PASS - Slot 17 channel 7 linearity at .375V on 3V range
Measured: 0.3750494V low limit: 0.3749466V high limit: 0.3751266V

%PASS - Slot 17 channel 7 linearity at .5V on 3V range
Measured: 0.5000438V low limit: 0.4999480V high limit: 0.5001280V

%PASS - Slot 17 channel 7 linearity at .625V on 3V range
Measured: 0.6250689V low limit: 0.6249495V high limit: 0.6251295V

%PASS - Slot 17 channel 7 linearity at .75V on 3V range
Measured: 0.7500013V low limit: 0.7499509V high limit: 0.7501309V

%PASS - Slot 17 channel 7 linearity at .875V on 3V range
Measured: 0.8750408V low limit: 0.8749524V high limit: 0.8751324V

%PASS - Slot 17 channel 7 linearity at 1V on 3V range
Measured: 1.000021V low limit: 0.9999539V high limit: 1.000133V

%PASS - Slot 17 channel 7 linearity at 1.125V on 3V range
Measured: 1.125050V low limit: 1.124955V high limit: 1.125135V

%PASS - Slot 17 channel 7 linearity at 1.25V on 3V range
Measured: 1.250035V low limit: 1.249956V high limit: 1.250136V

%PASS - Slot 17 channel 7 linearity at 1.375V on 3V range
Measured: 1.375069V low limit: 1.374958V high limit: 1.375138V

%PASS - Slot 17 channel 7 linearity at 1.5V on 3V range
Measured: 1.500003V low limit: 1.499959V high limit: 1.500139V

%PASS - Slot 17 channel 7 linearity at 1.625V on 3V range
Measured: 1.625041V low limit: 1.624961V high limit: 1.625141V

%PASS - Slot 17 channel 7 linearity at 1.75V on 3V range
Measured: 1.750072V low limit: 1.749962V high limit: 1.750142V

%PASS - Slot 17 channel 7 linearity at 1.875V on 3V range
Measured: 1.875058V low limit: 1.874964V high limit: 1.875144V

%PASS - Slot 17 channel 7 linearity at 2V on 3V range

Measured: 2.000089V low limit: 1.999965V high limit: 2.000145V

%PASS - Slot 17 channel 7 linearity at 2.125V on 3V range
Measured: 2.125064V low limit: 2.124966V high limit: 2.125146V

%PASS - Slot 17 channel 7 linearity at 2.25V on 3V range
Measured: 2.250104V low limit: 2.249968V high limit: 2.250148V

%PASS - Slot 17 channel 7 linearity at 2.375V on 3V range
Measured: 2.375037V low limit: 2.374969V high limit: 2.375149V

%PASS - Slot 17 channel 7 linearity at 2.5V on 3V range
Measured: 2.500059V low limit: 2.499971V high limit: 2.500151V

%PASS - Slot 17 channel 7 linearity at 2.625V on 3V range
Measured: 2.625047V low limit: 2.624972V high limit: 2.625152V

%PASS - Slot 17 channel 7 linearity at 2.75V on 3V range
Measured: 2.750071V low limit: 2.749974V high limit: 2.750154V

%PASS - Slot 17 channel 7 linearity at 2.875V on 3V range
Measured: 2.875039V low limit: 2.874975V high limit: 2.875155V

%PASS - Slot 17 channel 7 linearity at 3V on 3V range
Measured: 3.000071V low limit: 2.999977V high limit: 3.000157V

%PASS - Slot 17 channel 7 maximum linearity error on 3V range
Measured: 4.612217E-05V high limit: 0.00009V

%PASS - Slot 17 channel 7 linearity at 0V on 6V range
Measured: 0.00001569077V low limit: -1.458239E-04V high limit: 2.141760E-04V

%PASS - Slot 17 channel 7 linearity at .25V on 6V range
Measured: 0.2501393V low limit: 0.2498588V high limit: 0.2502188V

%PASS - Slot 17 channel 7 linearity at .5V on 6V range
Measured: 0.5000498V low limit: 0.4998634V high limit: 0.5002234V

%PASS - Slot 17 channel 7 linearity at .75V on 6V range
Measured: 0.7500702V low limit: 0.7498680V high limit: 0.7502280V

%PASS - Slot 17 channel 7 linearity at 1V on 6V range
Measured: 1.000022V low limit: 0.9998726V high limit: 1.000232V

%PASS - Slot 17 channel 7 linearity at 1.25V on 6V range
Measured: 1.250046V low limit: 1.249877V high limit: 1.250237V

%PASS - Slot 17 channel 7 linearity at 1.5V on 6V range
Measured: 1.499974V low limit: 1.499881V high limit: 1.500241V

%PASS - Slot 17 channel 7 linearity at 1.75V on 6V range
Measured: 1.750120V low limit: 1.749886V high limit: 1.750246V

%PASS - Slot 17 channel 7 linearity at 2V on 6V range
Measured: 2.000048V low limit: 1.999891V high limit: 2.000251V

%PASS - Slot 17 channel 7 linearity at 2.25V on 6V range
Measured: 2.250072V low limit: 2.249895V high limit: 2.250255V

%PASS - Slot 17 channel 7 linearity at 2.5V on 6V range
Measured: 2.500028V low limit: 2.499900V high limit: 2.500260V

%PASS - Slot 17 channel 7 linearity at 2.75V on 6V range
Measured: 2.750058V low limit: 2.749905V high limit: 2.750265V

%PASS - Slot 17 channel 7 linearity at 3V on 6V range
Measured: 2.999996V low limit: 2.999909V high limit: 3.000269V

%PASS - Slot 17 channel 7 linearity at 3.25V on 6V range
Measured: 3.250132V low limit: 3.249914V high limit: 3.250274V

%PASS - Slot 17 channel 7 linearity at 3.5V on 6V range
Measured: 3.500159V low limit: 3.499918V high limit: 3.500278V

%PASS - Slot 17 channel 7 linearity at 3.75V on 6V range
Measured: 3.750104V low limit: 3.749923V high limit: 3.750283V

%PASS - Slot 17 channel 7 linearity at 4V on 6V range
Measured: 4.000140V low limit: 3.999928V high limit: 4.000288V

%PASS - Slot 17 channel 7 linearity at 4.25V on 6V range
Measured: 4.250061V low limit: 4.249932V high limit: 4.250292V

%PASS - Slot 17 channel 7 linearity at 4.5V on 6V range
Measured: 4.500213V low limit: 4.499937V high limit: 4.500297V

%PASS - Slot 17 channel 7 linearity at 4.75V on 6V range
Measured: 4.750142V low limit: 4.749942V high limit: 4.750302V

%PASS - Slot 17 channel 7 linearity at 5V on 6V range
Measured: 5.000154V low limit: 4.999946V high limit: 5.000306V

%PASS - Slot 17 channel 7 linearity at 5.25V on 6V range
Measured: 5.250116V low limit: 5.249951V high limit: 5.250311V

%PASS - Slot 17 channel 7 linearity at 5.5V on 6V range
Measured: 5.500135V low limit: 5.499955V high limit: 5.500315V

%PASS - Slot 17 channel 7 linearity at 5.75V on 6V range
Measured: 5.750052V low limit: 5.749960V high limit: 5.750320V

%PASS - Slot 17 channel 7 linearity at 6V on 6V range
Measured: 6.000185V low limit: 5.999965V high limit: 6.000325V

%PASS - Slot 17 channel 7 maximum linearity error on 6V range
Measured: 1.005942E-04V high limit: 0.00018V

- ...checking DAC code transitions...

%PASS - Slot 17 channel 0 raw DAC codes linearity at 3.05V on 3V range
Measured: 3.050012V low limit: 3.049941V high limit: 3.050121V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 3.04995269703212V on 3V range
Measured: 3.049981V low limit: 3.049894V high limit: 3.050074V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 3.04990539406424V on 3V range
Measured: 3.049933V low limit: 3.049846V high limit: 3.050026V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 3.04985809109636V on 3V range
Measured: 3.049892V low limit: 3.049799V high limit: 3.049979V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 3.04981078812848V on 3V range
Measured: 3.049839V low limit: 3.049752V high limit: 3.049932V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 3.04966887922484V on 3V range
Measured: 3.049706V low limit: 3.049610V high limit: 3.049790V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 3.04962157625696V on 3V range
Measured: 3.049651V low limit: 3.049563V high limit: 3.049743V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 3.0492904554818V on 3V range
Measured: 3.049332V low limit: 3.049232V high limit: 3.049412V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 3.04924315251392V on 3V range
Measured: 3.049270V low limit: 3.049184V high limit: 3.049364V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 3.04853360799573V on 3V range
Measured: 3.048573V low limit: 3.048475V high limit: 3.048655V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 3.04848630502785V on 3V range
Measured: 3.048516V low limit: 3.048428V high limit: 3.048608V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 3.04701991302358V on 3V range
Measured: 3.047061V low limit: 3.046962V high limit: 3.047142V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 3.0469726100557V on 3V range
Measured: 3.047002V low limit: 3.046914V high limit: 3.047094V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 3.04399252307927V on 3V range
Measured: 3.044034V low limit: 3.043935V high limit: 3.044115V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 3.04394522011139V on 3V range
Measured: 3.043976V low limit: 3.043888V high limit: 3.044068V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 3.03793774319066V on 3V range
Measured: 3.037980V low limit: 3.037882V high limit: 3.038062V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 3.03789044022278V on 3V range
Measured: 3.037920V low limit: 3.037835V high limit: 3.038015V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 3.02582818341344V on 3V range
Measured: 3.025873V low limit: 3.025776V high limit: 3.025956V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 3.02578088044556V on 3V range
Measured: 3.025815V low limit: 3.025728V high limit: 3.025908V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 3.00160906385901V on 3V range
Measured: 3.001662V low limit: 3.001563V high limit: 3.001743V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 3.00156176089113V on 3V range
Measured: 3.001597V low limit: 3.001516V high limit: 3.001696V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 2.95317082475013V on 3V range
Measured: 2.953230V low limit: 2.953138V high limit: 2.953318V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 2.95312352178225V on 3V range
Measured: 2.953166V low limit: 2.953090V high limit: 2.953270V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 2.85629434653239V on 3V range
Measured: 2.856372V low limit: 2.856287V high limit: 2.856467V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 2.85624704356451V on 3V range
Measured: 2.856320V low limit: 2.856240V high limit: 2.856420V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 2.66254139009689V on 3V range
Measured: 2.662674V low limit: 2.662586V high limit: 2.662766V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 2.66249408712902V on 3V range
Measured: 2.662627V low limit: 2.662539V high limit: 2.662719V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 2.27503547722591V on 3V range

Measured: 2.275277V low limit: 2.275183V high limit: 2.275363V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 2.27498817425803V on 3V range
Measured: 2.275237V low limit: 2.275136V high limit: 2.275316V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 1.50002365148394V on 3V range
Measured: 1.500477V low limit: 1.500379V high limit: 1.500559V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 1.49997634851606V on 3V range
Measured: 1.500430V low limit: 1.500331V high limit: 1.500511V

%PASS - Slot 17 channel 0 raw DAC codes linearity at -.05V on 3V range
Measured: -0.04915100V low limit: -4.923073E-02V high limit: -4.905073E-02V

%PASS - Slot 17 channel 0 raw DAC codes maximum linearity error on 3V range
Measured: 1.906549E-05V high limit: 0.00009V

%PASS - Slot 17 channel 0 raw DAC code binary transition 0 to 1 on 3V range
Measured: 3.069300E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 1 to 2 on 3V range
Measured: 4.864400E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 2 to 3 on 3V range
Measured: 4.093799E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 3 to 4 on 3V range
Measured: 5.267300E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 7 to 8 on 3V range
Measured: 5.451200E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 15 to 16 on 3V range
Measured: 6.208599E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 31 to 32 on 3V range
Measured: 5.722600E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 63 to 64 on 3V range
Measured: 5.906500E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 127 to 128 on 3V range
Measured: 5.788300E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 255 to 256 on 3V range
Measured: 5.902100E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 511 to 512 on 3V range
Measured: 5.840799E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 1023 to 1024 on 3V range
Measured: 6.528199E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 2047 to 2048 on 3V range
Measured: 6.418799E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 4095 to 4096 on 3V range
Measured: 5.214699E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 8191 to 8192 on 3V range
Measured: 4.719899E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 16383 to 16384 on 3V range
Measured: 4.041299E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 32767 to 32768 on 3V range
Measured: 4.711200E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transitions maximum difference on 3V range
Measured: 6.528199E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transitions minimum difference on 3V range
Measured: 3.069300E-05V low limit: -4.269775E-05V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 6.1V on 6V range
Measured: 6.099973V low limit: 6.099822V high limit: 6.100182V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 6.09990539406424V on 6V range
Measured: 6.099903V low limit: 6.099728V high limit: 6.100088V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 6.09981078812848V on 6V range
Measured: 6.099808V low limit: 6.099633V high limit: 6.099993V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 6.09971618219272V on 6V range
Measured: 6.099728V low limit: 6.099538V high limit: 6.099898V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 6.09962157625696V on 6V range
Measured: 6.099624V low limit: 6.099444V high limit: 6.099804V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 6.09933775844968V on 6V range
Measured: 6.099360V low limit: 6.099160V high limit: 6.099520V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 6.09924315251392V on 6V range
Measured: 6.099242V low limit: 6.099065V high limit: 6.099425V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 6.09858091096361V on 6V range
Measured: 6.098596V low limit: 6.098403V high limit: 6.098763V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 6.09848630502785V on 6V range
Measured: 6.098475V low limit: 6.098309V high limit: 6.098669V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 6.09706721599146V on 6V range
Measured: 6.097083V low limit: 6.096890V high limit: 6.097250V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 6.0969726100557V on 6V range
Measured: 6.096971V low limit: 6.096795V high limit: 6.097155V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 6.09403982604715V on 6V range
Measured: 6.094063V low limit: 6.093863V high limit: 6.094223V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 6.09394522011139V on 6V range
Measured: 6.093949V low limit: 6.093769V high limit: 6.094129V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 6.08798504615854V on 6V range

Measured: 6.088009V low limit: 6.087810V high limit: 6.088170V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 6.08789044022278V on 6V range
Measured: 6.087885V low limit: 6.087715V high limit: 6.088075V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 6.07587548638132V on 6V range
Measured: 6.075905V low limit: 6.075703V high limit: 6.076063V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 6.07578088044556V on 6V range
Measured: 6.075784V low limit: 6.075608V high limit: 6.075968V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 6.05165636682689V on 6V range
Measured: 6.051685V low limit: 6.051489V high limit: 6.051849V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 6.05156176089113V on 6V range
Measured: 6.051567V low limit: 6.051394V high limit: 6.051754V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 6.00321812771801V on 6V range
Measured: 6.003251V low limit: 6.003060V high limit: 6.003420V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 6.00312352178225V on 6V range
Measured: 6.003135V low limit: 6.002966V high limit: 6.003326V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 5.90634164950027V on 6V range
Measured: 5.906385V low limit: 5.906204V high limit: 5.906564V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 5.90624704356451V on 6V range
Measured: 5.906261V low limit: 5.906109V high limit: 5.906469V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 5.71258869306477V on 6V range
Measured: 5.712654V low limit: 5.712491V high limit: 5.712851V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 5.71249408712902V on 6V range
Measured: 5.712554V low limit: 5.712397V high limit: 5.712757V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 5.32508278019379V on 6V range
Measured: 5.325234V low limit: 5.325066V high limit: 5.325426V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 5.32498817425803V on 6V range
Measured: 5.325152V low limit: 5.324971V high limit: 5.325331V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 4.55007095445182V on 6V range
Measured: 4.550394V low limit: 4.550215V high limit: 4.550575V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 4.54997634851606V on 6V range
Measured: 4.550311V low limit: 4.550120V high limit: 4.550480V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 3.00004730296788V on 6V range
Measured: 3.000709V low limit: 3.000512V high limit: 3.000872V

%PASS - Slot 17 channel 0 raw DAC codes linearity at 2.99995269703212V on 6V range
Measured: 3.000611V low limit: 3.000418V high limit: 3.000778V

%PASS - Slot 17 channel 0 raw DAC codes linearity at -.1V on 6V range
Measured: -0.09872482V low limit: -9.889153E-02V high limit: -9.853153E-02V

%PASS - Slot 17 channel 0 raw DAC codes maximum linearity error on 6V range
Measured: 2.909793E-05V high limit: 0.00018V

%PASS - Slot 17 channel 0 raw DAC code binary transition 0 to 1 on 6V range
Measured: 7.027399E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 1 to 2 on 6V range
Measured: 9.479200E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 2 to 3 on 6V range
Measured: 8.012500E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 3 to 4 on 6V range
Measured: 1.042939E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 7 to 8 on 6V range
Measured: 1.178670E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 15 to 16 on 6V range
Measured: 1.211510E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 31 to 32 on 6V range
Measured: 1.116500E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 63 to 64 on 6V range
Measured: 1.138389E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 127 to 128 on 6V range
Measured: 1.233839E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 255 to 256 on 6V range
Measured: 1.209750E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 511 to 512 on 6V range
Measured: 1.186559E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 1023 to 1024 on 6V range
Measured: 1.155900E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 2047 to 2048 on 6V range
Measured: 1.237339E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 4095 to 4096 on 6V range
Measured: 9.934599E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 8191 to 8192 on 6V range
Measured: 8.222700E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 16383 to 16384 on 6V range
Measured: 8.354000E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transition 32767 to 32768 on 6V range
Measured: 9.812000E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transitions maximum difference on 6V range
Measured: 1.237339E-04V high limit: 2.746044E-04V

%PASS - Slot 17 channel 0 raw DAC code binary transitions minimum difference on 6V range

Measured: 7.027399E-05V low limit: -8.539550E-05V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 3.05V on 3V range
Measured: 3.050975V low limit: 3.050898V high limit: 3.051078V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 3.04995269703212V on 3V range
Measured: 3.050936V low limit: 3.050850V high limit: 3.051030V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 3.04990539406424V on 3V range
Measured: 3.050891V low limit: 3.050803V high limit: 3.050983V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 3.04985809109636V on 3V range
Measured: 3.050850V low limit: 3.050756V high limit: 3.050936V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 3.04981078812848V on 3V range
Measured: 3.050798V low limit: 3.050708V high limit: 3.050888V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 3.04966887922484V on 3V range
Measured: 3.050661V low limit: 3.050567V high limit: 3.050747V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 3.04962157625696V on 3V range
Measured: 3.050609V low limit: 3.050519V high limit: 3.050699V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 3.0492904554818V on 3V range
Measured: 3.050284V low limit: 3.050188V high limit: 3.050368V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 3.04924315251392V on 3V range
Measured: 3.050227V low limit: 3.050141V high limit: 3.050321V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 3.04853360799573V on 3V range
Measured: 3.049529V low limit: 3.049431V high limit: 3.049611V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 3.04848630502785V on 3V range
Measured: 3.049473V low limit: 3.049384V high limit: 3.049564V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 3.04701991302358V on 3V range
Measured: 3.048017V low limit: 3.047917V high limit: 3.048097V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 3.0469726100557V on 3V range
Measured: 3.047959V low limit: 3.047870V high limit: 3.048050V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 3.04399252307927V on 3V range
Measured: 3.044989V low limit: 3.044890V high limit: 3.045070V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 3.04394522011139V on 3V range
Measured: 3.044932V low limit: 3.044842V high limit: 3.045022V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 3.03793774319066V on 3V range
Measured: 3.038930V low limit: 3.038834V high limit: 3.039014V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 3.03789044022278V on 3V range
Measured: 3.038876V low limit: 3.038787V high limit: 3.038967V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 3.02582818341344V on 3V range
Measured: 3.026819V low limit: 3.026724V high limit: 3.026904V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 3.02578088044556V on 3V range
Measured: 3.026766V low limit: 3.026676V high limit: 3.026856V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 3.00160906385901V on 3V range
Measured: 3.002598V low limit: 3.002502V high limit: 3.002682V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 3.00156176089113V on 3V range
Measured: 3.002533V low limit: 3.002455V high limit: 3.002635V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 2.95317082475013V on 3V range
Measured: 2.954149V low limit: 2.954059V high limit: 2.954239V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 2.95312352178225V on 3V range
Measured: 2.954090V low limit: 2.954012V high limit: 2.954192V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 2.85629434653239V on 3V range
Measured: 2.857251V low limit: 2.857173V high limit: 2.857353V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 2.85624704356451V on 3V range
Measured: 2.857206V low limit: 2.857126V high limit: 2.857306V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 2.66254139009689V on 3V range
Measured: 2.663475V low limit: 2.663401V high limit: 2.663581V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 2.66249408712902V on 3V range
Measured: 2.663443V low limit: 2.663354V high limit: 2.663534V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 2.27503547722591V on 3V range
Measured: 2.275946V low limit: 2.275857V high limit: 2.276037V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 2.27498817425803V on 3V range
Measured: 2.275915V low limit: 2.275810V high limit: 2.275990V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 1.50002365148394V on 3V range
Measured: 1.500876V low limit: 1.500769V high limit: 1.500949V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 1.49997634851606V on 3V range
Measured: 1.500832V low limit: 1.500722V high limit: 1.500902V

%PASS - Slot 17 channel 1 raw DAC codes linearity at -.05V on 3V range
Measured: -0.04933342V low limit: -4.940554E-02V high limit: -4.922554E-02V

%PASS - Slot 17 channel 1 raw DAC codes maximum linearity error on 3V range
Measured: 1.970541E-05V high limit: 0.00009V

%PASS - Slot 17 channel 1 raw DAC code binary transition 0 to 1 on 3V range
Measured: 3.901200E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 1 to 2 on 3V range
Measured: 4.417800E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 2 to 3 on 3V range
Measured: 4.120100E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 3 to 4 on 3V range
Measured: 5.245399E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 7 to 8 on 3V range

Measured: 5.157800E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 15 to 16 on 3V range
Measured: 5.731399E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 31 to 32 on 3V range
Measured: 5.626300E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 63 to 64 on 3V range
Measured: 5.867000E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 127 to 128 on 3V range
Measured: 5.656899E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 255 to 256 on 3V range
Measured: 5.424800E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 511 to 512 on 3V range
Measured: 5.302299E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 1023 to 1024 on 3V range
Measured: 6.471400E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 2047 to 2048 on 3V range
Measured: 5.893400E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 4095 to 4096 on 3V range
Measured: 4.597400E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 8191 to 8192 on 3V range
Measured: 3.244399E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 16383 to 16384 on 3V range
Measured: 3.117500E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 32767 to 32768 on 3V range
Measured: 4.435300E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transitions maximum difference on 3V range
Measured: 6.471400E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transitions minimum difference on 3V range
Measured: 3.117500E-05V low limit: -4.269775E-05V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 6.1V on 6V range
Measured: 6.101361V low limit: 6.101191V high limit: 6.101551V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 6.09990539406424V on 6V range
Measured: 6.101280V low limit: 6.101097V high limit: 6.101457V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 6.09981078812848V on 6V range
Measured: 6.101188V low limit: 6.101002V high limit: 6.101362V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 6.09971618219272V on 6V range
Measured: 6.101093V low limit: 6.100907V high limit: 6.101267V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 6.09962157625696V on 6V range
Measured: 6.100991V low limit: 6.100813V high limit: 6.101173V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 6.09933775844968V on 6V range
Measured: 6.100712V low limit: 6.100529V high limit: 6.100889V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 6.09924315251392V on 6V range
Measured: 6.100606V low limit: 6.100434V high limit: 6.100794V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 6.09858091096361V on 6V range
Measured: 6.099956V low limit: 6.099772V high limit: 6.100132V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 6.09848630502785V on 6V range
Measured: 6.099843V low limit: 6.099677V high limit: 6.100037V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 6.09706721599146V on 6V range
Measured: 6.098452V low limit: 6.098258V high limit: 6.098618V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 6.0969726100557V on 6V range
Measured: 6.098333V low limit: 6.098164V high limit: 6.098524V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 6.09403982604715V on 6V range
Measured: 6.095422V low limit: 6.095231V high limit: 6.095591V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 6.09394522011139V on 6V range
Measured: 6.095303V low limit: 6.095136V high limit: 6.095496V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 6.08798504615854V on 6V range
Measured: 6.089364V low limit: 6.089176V high limit: 6.089536V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 6.08789044022278V on 6V range
Measured: 6.089258V low limit: 6.089081V high limit: 6.089441V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 6.07587548638132V on 6V range
Measured: 6.077255V low limit: 6.077066V high limit: 6.077426V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 6.07578088044556V on 6V range
Measured: 6.077145V low limit: 6.076971V high limit: 6.077331V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 6.05165636682689V on 6V range
Measured: 6.053031V low limit: 6.052845V high limit: 6.053205V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 6.05156176089113V on 6V range
Measured: 6.052931V low limit: 6.052751V high limit: 6.053111V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 6.00321812771801V on 6V range
Measured: 6.004596V low limit: 6.004405V high limit: 6.004765V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 6.00312352178225V on 6V range
Measured: 6.004472V low limit: 6.004310V high limit: 6.004670V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 5.90634164950027V on 6V range
Measured: 5.907694V low limit: 5.907524V high limit: 5.907884V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 5.90624704356451V on 6V range
Measured: 5.907589V low limit: 5.907430V high limit: 5.907790V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 5.71258869306477V on 6V range

Measured: 5.713919V low limit: 5.713763V high limit: 5.714123V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 5.71249408712902V on 6V range
Measured: 5.713831V low limit: 5.713668V high limit: 5.714028V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 5.32508278019379V on 6V range
Measured: 5.326400V low limit: 5.326240V high limit: 5.326600V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 5.32498817425803V on 6V range
Measured: 5.326337V low limit: 5.326145V high limit: 5.326505V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 4.55007095445182V on 6V range
Measured: 4.551382V low limit: 4.551193V high limit: 4.551553V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 4.54997634851606V on 6V range
Measured: 4.551315V low limit: 4.551099V high limit: 4.551459V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 3.00004730296788V on 6V range
Measured: 3.001328V low limit: 3.001101V high limit: 3.001461V

%PASS - Slot 17 channel 1 raw DAC codes linearity at 2.99995269703212V on 6V range
Measured: 3.001236V low limit: 3.001006V high limit: 3.001366V

%PASS - Slot 17 channel 1 raw DAC codes linearity at -.1V on 6V range
Measured: -0.09895850V low limit: -9.908331E-02V high limit: -9.872331E-02V

%PASS - Slot 17 channel 1 raw DAC codes maximum linearity error on 6V range
Measured: 5.518207E-05V high limit: 0.00018V

%PASS - Slot 17 channel 1 raw DAC code binary transition 0 to 1 on 6V range
Measured: 8.170200E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 1 to 2 on 6V range
Measured: 9.142099E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 2 to 3 on 6V range
Measured: 9.514300E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 3 to 4 on 6V range
Measured: 1.017110E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 7 to 8 on 6V range
Measured: 1.061330E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 15 to 16 on 6V range
Measured: 1.123939E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 31 to 32 on 6V range
Measured: 1.191809E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 63 to 64 on 6V range
Measured: 1.188739E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 127 to 128 on 6V range
Measured: 1.056070E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 255 to 256 on 6V range
Measured: 1.097669E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 511 to 512 on 6V range
Measured: 1.000910E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 1023 to 1024 on 6V range
Measured: 1.245660E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 2047 to 2048 on 6V range
Measured: 1.044260E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 4095 to 4096 on 6V range
Measured: 8.726200E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 8191 to 8192 on 6V range
Measured: 6.283000E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 16383 to 16384 on 6V range
Measured: 6.677100E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transition 32767 to 32768 on 6V range
Measured: 9.203500E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transitions maximum difference on 6V range
Measured: 1.245660E-04V high limit: 2.746044E-04V

%PASS - Slot 17 channel 1 raw DAC code binary transitions minimum difference on 6V range
Measured: 6.283000E-05V low limit: -8.539550E-05V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 3.05V on 3V range
Measured: 3.049640V low limit: 3.049553V high limit: 3.049733V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 3.04995269703212V on 3V range
Measured: 3.049597V low limit: 3.049506V high limit: 3.049686V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 3.04990539406424V on 3V range
Measured: 3.049548V low limit: 3.049458V high limit: 3.049638V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 3.04985809109636V on 3V range
Measured: 3.049507V low limit: 3.049411V high limit: 3.049591V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 3.04981078812848V on 3V range
Measured: 3.049455V low limit: 3.049364V high limit: 3.049544V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 3.04966887922484V on 3V range
Measured: 3.049319V low limit: 3.049222V high limit: 3.049402V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 3.04962157625696V on 3V range
Measured: 3.049267V low limit: 3.049174V high limit: 3.049354V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 3.0492904554818V on 3V range
Measured: 3.048938V low limit: 3.048843V high limit: 3.049023V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 3.04924315251392V on 3V range
Measured: 3.048886V low limit: 3.048796V high limit: 3.048976V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 3.04853360799573V on 3V range

Measured: 3.048180V low limit: 3.048086V high limit: 3.048266V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 3.04848630502785V on 3V range
Measured: 3.048130V low limit: 3.048039V high limit: 3.048219V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 3.04701991302358V on 3V range
Measured: 3.046666V low limit: 3.046572V high limit: 3.046752V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 3.0469726100557V on 3V range
Measured: 3.046612V low limit: 3.046525V high limit: 3.046705V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 3.04399252307927V on 3V range
Measured: 3.043640V low limit: 3.043545V high limit: 3.043725V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 3.04394522011139V on 3V range
Measured: 3.043584V low limit: 3.043497V high limit: 3.043677V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 3.03793774319066V on 3V range
Measured: 3.037580V low limit: 3.037489V high limit: 3.037669V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 3.03789044022278V on 3V range
Measured: 3.037525V low limit: 3.037441V high limit: 3.037621V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 3.02582818341344V on 3V range
Measured: 3.025463V low limit: 3.025377V high limit: 3.025557V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 3.02578088044556V on 3V range
Measured: 3.025416V low limit: 3.025330V high limit: 3.025510V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 3.00160906385901V on 3V range
Measured: 3.001240V low limit: 3.001154V high limit: 3.001334V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 3.00156176089113V on 3V range
Measured: 3.001191V low limit: 3.001107V high limit: 3.001287V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 2.95317082475013V on 3V range
Measured: 2.952792V low limit: 2.952708V high limit: 2.952888V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 2.95312352178225V on 3V range
Measured: 2.952746V low limit: 2.952661V high limit: 2.952841V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 2.85629434653239V on 3V range
Measured: 2.855899V low limit: 2.855817V high limit: 2.855997V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 2.85624704356451V on 3V range
Measured: 2.855852V low limit: 2.855769V high limit: 2.855949V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 2.66254139009689V on 3V range
Measured: 2.662114V low limit: 2.662033V high limit: 2.662213V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 2.66249408712902V on 3V range
Measured: 2.662079V low limit: 2.661985V high limit: 2.662165V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 2.27503547722591V on 3V range
Measured: 2.274557V low limit: 2.274465V high limit: 2.274645V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 2.27498817425803V on 3V range
Measured: 2.274519V low limit: 2.274418V high limit: 2.274598V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 1.50002365148394V on 3V range
Measured: 1.499436V low limit: 1.499330V high limit: 1.499510V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 1.49997634851606V on 3V range
Measured: 1.499395V low limit: 1.499283V high limit: 1.499463V

%PASS - Slot 17 channel 2 raw DAC codes linearity at -.05V on 3V range
Measured: -0.05086970V low limit: -5.093949E-02V high limit: -5.075949E-02V

%PASS - Slot 17 channel 2 raw DAC codes maximum linearity error on 3V range
Measured: 2.241637E-05V high limit: 0.00009V

%PASS - Slot 17 channel 2 raw DAC code binary transition 0 to 1 on 3V range
Measured: 4.339000E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 1 to 2 on 3V range
Measured: 4.851299E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 2 to 3 on 3V range
Measured: 4.150700E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 3 to 4 on 3V range
Measured: 5.188499E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 7 to 8 on 3V range
Measured: 5.210300E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 15 to 16 on 3V range
Measured: 5.184099E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 31 to 32 on 3V range
Measured: 5.013300E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 63 to 64 on 3V range
Measured: 5.494999E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 127 to 128 on 3V range
Measured: 5.599999E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 255 to 256 on 3V range
Measured: 5.503700E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 511 to 512 on 3V range
Measured: 4.693700E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 1023 to 1024 on 3V range
Measured: 4.943300E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 2047 to 2048 on 3V range
Measured: 4.649899E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 4095 to 4096 on 3V range
Measured: 4.711199E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 8191 to 8192 on 3V range

Measured: 3.559600E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 16383 to 16384 on 3V range
Measured: 3.756700E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 32767 to 32768 on 3V range
Measured: 4.102600E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transitions maximum difference on 3V range
Measured: 5.599999E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transitions minimum difference on 3V range
Measured: 3.559600E-05V low limit: -4.269775E-05V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 6.1V on 6V range
Measured: 6.099063V low limit: 6.098885V high limit: 6.099245V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 6.09990539406424V on 6V range
Measured: 6.098969V low limit: 6.098791V high limit: 6.099151V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 6.09981078812848V on 6V range
Measured: 6.098879V low limit: 6.098696V high limit: 6.099056V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 6.09971618219272V on 6V range
Measured: 6.098787V low limit: 6.098601V high limit: 6.098961V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 6.09962157625696V on 6V range
Measured: 6.098693V low limit: 6.098507V high limit: 6.098867V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 6.09933775844968V on 6V range
Measured: 6.098416V low limit: 6.098223V high limit: 6.098583V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 6.09924315251392V on 6V range
Measured: 6.098309V low limit: 6.098128V high limit: 6.098488V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 6.09858091096361V on 6V range
Measured: 6.097660V low limit: 6.097466V high limit: 6.097826V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 6.09848630502785V on 6V range
Measured: 6.097540V low limit: 6.097372V high limit: 6.097732V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 6.09706721599146V on 6V range
Measured: 6.096139V low limit: 6.095952V high limit: 6.096312V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 6.0969726100557V on 6V range
Measured: 6.096034V low limit: 6.095858V high limit: 6.096218V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 6.09403982604715V on 6V range
Measured: 6.093111V low limit: 6.092925V high limit: 6.093285V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 6.09394522011139V on 6V range
Measured: 6.093012V low limit: 6.092830V high limit: 6.093190V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 6.08798504615854V on 6V range
Measured: 6.087053V low limit: 6.086870V high limit: 6.087230V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 6.08789044022278V on 6V range
Measured: 6.086946V low limit: 6.086776V high limit: 6.087136V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 6.07587548638132V on 6V range
Measured: 6.074943V low limit: 6.074760V high limit: 6.075120V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 6.07578088044556V on 6V range
Measured: 6.074826V low limit: 6.074666V high limit: 6.075026V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 6.05165636682689V on 6V range
Measured: 6.050715V low limit: 6.050541V high limit: 6.050901V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 6.05156176089113V on 6V range
Measured: 6.050618V low limit: 6.050446V high limit: 6.050806V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 6.00321812771801V on 6V range
Measured: 6.002275V low limit: 6.002102V high limit: 6.002462V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 6.00312352178225V on 6V range
Measured: 6.002178V low limit: 6.002007V high limit: 6.002367V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 5.90634164950027V on 6V range
Measured: 5.905395V low limit: 5.905224V high limit: 5.905584V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 5.90624704356451V on 6V range
Measured: 5.905298V low limit: 5.905130V high limit: 5.905490V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 5.71258869306477V on 6V range
Measured: 5.711631V low limit: 5.711468V high limit: 5.711828V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 5.71249408712902V on 6V range
Measured: 5.711536V low limit: 5.711374V high limit: 5.711734V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 5.32508278019379V on 6V range
Measured: 5.324122V low limit: 5.323957V high limit: 5.324317V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 5.32498817425803V on 6V range
Measured: 5.324055V low limit: 5.323862V high limit: 5.324222V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 4.55007095445182V on 6V range
Measured: 4.549124V low limit: 4.548934V high limit: 4.549294V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 4.54997634851606V on 6V range
Measured: 4.549049V low limit: 4.548839V high limit: 4.549199V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 3.00004730296788V on 6V range
Measured: 2.999103V low limit: 2.998888V high limit: 2.999248V

%PASS - Slot 17 channel 2 raw DAC codes linearity at 2.99995269703212V on 6V range
Measured: 2.999023V low limit: 2.998794V high limit: 2.999154V

%PASS - Slot 17 channel 2 raw DAC codes linearity at -.1V on 6V range
Measured: -0.1010711V low limit: -0.1012027V high limit: -0.1008427V

%PASS - Slot 17 channel 2 raw DAC codes maximum linearity error on 6V range
Measured: 4.936526E-05V high limit: 0.00018V

%PASS - Slot 17 channel 2 raw DAC code binary transition 0 to 1 on 6V range

Measured: 9.387400E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 1 to 2 on 6V range
Measured: 9.063300E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 2 to 3 on 6V range
Measured: 9.129000E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 3 to 4 on 6V range
Measured: 9.474899E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 7 to 8 on 6V range
Measured: 1.070089E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 15 to 16 on 6V range
Measured: 1.198379E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 31 to 32 on 6V range
Measured: 1.044690E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 63 to 64 on 6V range
Measured: 9.912799E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 127 to 128 on 6V range
Measured: 1.071839E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 255 to 256 on 6V range
Measured: 1.174290E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 511 to 512 on 6V range
Measured: 9.615000E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 1023 to 1024 on 6V range
Measured: 9.676300E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 2047 to 2048 on 6V range
Measured: 9.628200E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 4095 to 4096 on 6V range
Measured: 9.562400E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 8191 to 8192 on 6V range
Measured: 6.672700E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 16383 to 16384 on 6V range
Measured: 7.530899E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transition 32767 to 32768 on 6V range
Measured: 8.008100E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transitions maximum difference on 6V range
Measured: 1.198379E-04V high limit: 2.746044E-04V

%PASS - Slot 17 channel 2 raw DAC code binary transitions minimum difference on 6V range
Measured: 6.672700E-05V low limit: -8.539550E-05V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 3.05V on 3V range
Measured: 3.050965V low limit: 3.050885V high limit: 3.051065V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 3.04995269703212V on 3V range
Measured: 3.050923V low limit: 3.050838V high limit: 3.051018V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 3.04990539406424V on 3V range
Measured: 3.050877V low limit: 3.050791V high limit: 3.050971V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 3.04985809109636V on 3V range
Measured: 3.050833V low limit: 3.050743V high limit: 3.050923V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 3.04981078812848V on 3V range
Measured: 3.050785V low limit: 3.050696V high limit: 3.050876V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 3.04966887922484V on 3V range
Measured: 3.050647V low limit: 3.050554V high limit: 3.050734V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 3.04962157625696V on 3V range
Measured: 3.050598V low limit: 3.050507V high limit: 3.050687V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 3.0492904554818V on 3V range
Measured: 3.050270V low limit: 3.050175V high limit: 3.050355V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 3.04924315251392V on 3V range
Measured: 3.050217V low limit: 3.050128V high limit: 3.050308V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 3.04853360799573V on 3V range
Measured: 3.049513V low limit: 3.049418V high limit: 3.049598V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 3.04848630502785V on 3V range
Measured: 3.049459V low limit: 3.049371V high limit: 3.049551V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 3.04701991302358V on 3V range
Measured: 3.047998V low limit: 3.047904V high limit: 3.048084V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 3.0469726100557V on 3V range
Measured: 3.047946V low limit: 3.047857V high limit: 3.048037V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 3.04399252307927V on 3V range
Measured: 3.044974V low limit: 3.044876V high limit: 3.045056V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 3.04394522011139V on 3V range
Measured: 3.044917V low limit: 3.044829V high limit: 3.045009V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 3.03793774319066V on 3V range
Measured: 3.038914V low limit: 3.038820V high limit: 3.039000V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 3.03789044022278V on 3V range
Measured: 3.038862V low limit: 3.038772V high limit: 3.038952V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 3.02582818341344V on 3V range
Measured: 3.026797V low limit: 3.026707V high limit: 3.026887V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 3.02578088044556V on 3V range
Measured: 3.026742V low limit: 3.026660V high limit: 3.026840V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 3.00160906385901V on 3V range

Measured: 3.002569V low limit: 3.002482V high limit: 3.002662V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 3.00156176089113V on 3V range
Measured: 3.002520V low limit: 3.002434V high limit: 3.002614V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 2.95317082475013V on 3V range
Measured: 2.954113V low limit: 2.954031V high limit: 2.954211V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 2.95312352178225V on 3V range
Measured: 2.954066V low limit: 2.953984V high limit: 2.954164V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 2.85629434653239V on 3V range
Measured: 2.857210V low limit: 2.857130V high limit: 2.857310V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 2.85624704356451V on 3V range
Measured: 2.857167V low limit: 2.857082V high limit: 2.857262V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 2.66254139009689V on 3V range
Measured: 2.663415V low limit: 2.663327V high limit: 2.663507V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 2.66249408712902V on 3V range
Measured: 2.663374V low limit: 2.663279V high limit: 2.663459V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 2.27503547722591V on 3V range
Measured: 2.275821V low limit: 2.275721V high limit: 2.275901V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 2.27498817425803V on 3V range
Measured: 2.275783V low limit: 2.275674V high limit: 2.275854V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 1.50002365148394V on 3V range
Measured: 1.500615V low limit: 1.500510V high limit: 1.500690V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 1.49997634851606V on 3V range
Measured: 1.500572V low limit: 1.500462V high limit: 1.500642V

%PASS - Slot 17 channel 3 raw DAC codes linearity at -.05V on 3V range
Measured: -0.04984623V low limit: -4.991276E-02V high limit: -4.973276E-02V

%PASS - Slot 17 channel 3 raw DAC codes maximum linearity error on 3V range
Measured: 2.346079E-05V high limit: 0.00009V

%PASS - Slot 17 channel 3 raw DAC code binary transition 0 to 1 on 3V range
Measured: 4.251500E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 1 to 2 on 3V range
Measured: 4.540400E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 2 to 3 on 3V range
Measured: 4.435299E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 3 to 4 on 3V range
Measured: 4.785600E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 7 to 8 on 3V range
Measured: 4.886299E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 15 to 16 on 3V range
Measured: 5.293499E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 31 to 32 on 3V range
Measured: 5.354799E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 63 to 64 on 3V range
Measured: 5.254100E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 127 to 128 on 3V range
Measured: 5.722499E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 255 to 256 on 3V range
Measured: 5.157799E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 511 to 512 on 3V range
Measured: 5.521199E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 1023 to 1024 on 3V range
Measured: 4.860100E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 2047 to 2048 on 3V range
Measured: 4.733100E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 4095 to 4096 on 3V range
Measured: 4.325899E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 8191 to 8192 on 3V range
Measured: 4.067599E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 16383 to 16384 on 3V range
Measured: 3.804799E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 32767 to 32768 on 3V range
Measured: 4.330200E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transitions maximum difference on 3V range
Measured: 5.722499E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transitions minimum difference on 3V range
Measured: 3.804799E-05V low limit: -4.269775E-05V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 6.1V on 6V range
Measured: 6.101156V low limit: 6.100989V high limit: 6.101349V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 6.09990539406424V on 6V range
Measured: 6.101070V low limit: 6.100895V high limit: 6.101255V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 6.09981078812848V on 6V range
Measured: 6.100976V low limit: 6.100800V high limit: 6.101160V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 6.09971618219272V on 6V range
Measured: 6.100894V low limit: 6.100706V high limit: 6.101066V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 6.09962157625696V on 6V range
Measured: 6.100795V low limit: 6.100611V high limit: 6.100971V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 6.09933775844968V on 6V range

Measured: 6.100518V low limit: 6.100327V high limit: 6.100687V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 6.09924315251392V on 6V range
Measured: 6.100416V low limit: 6.100233V high limit: 6.100593V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 6.09858091096361V on 6V range
Measured: 6.099760V low limit: 6.099570V high limit: 6.099930V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 6.09848630502785V on 6V range
Measured: 6.099651V low limit: 6.099476V high limit: 6.099836V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 6.09706721599146V on 6V range
Measured: 6.098241V low limit: 6.098056V high limit: 6.098416V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 6.0969726100557V on 6V range
Measured: 6.098134V low limit: 6.097962V high limit: 6.098322V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 6.09403982604715V on 6V range
Measured: 6.095216V low limit: 6.095029V high limit: 6.095389V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 6.09394522011139V on 6V range
Measured: 6.095110V low limit: 6.094934V high limit: 6.095294V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 6.08798504615854V on 6V range
Measured: 6.089158V low limit: 6.088974V high limit: 6.089334V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 6.08789044022278V on 6V range
Measured: 6.089054V low limit: 6.088879V high limit: 6.089239V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 6.07587548638132V on 6V range
Measured: 6.077041V low limit: 6.076863V high limit: 6.077223V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 6.07578088044556V on 6V range
Measured: 6.076942V low limit: 6.076768V high limit: 6.077128V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 6.05165636682689V on 6V range
Measured: 6.052823V low limit: 6.052642V high limit: 6.053002V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 6.05156176089113V on 6V range
Measured: 6.052711V low limit: 6.052547V high limit: 6.052907V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 6.00321812771801V on 6V range
Measured: 6.004380V low limit: 6.004200V high limit: 6.004560V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 6.00312352178225V on 6V range
Measured: 6.004281V low limit: 6.004105V high limit: 6.004465V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 5.90634164950027V on 6V range
Measured: 5.907483V low limit: 5.907315V high limit: 5.907675V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 5.90624704356451V on 6V range
Measured: 5.907392V low limit: 5.907221V high limit: 5.907581V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 5.71258869306477V on 6V range
Measured: 5.713707V low limit: 5.713547V high limit: 5.713907V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 5.71249408712902V on 6V range
Measured: 5.713628V low limit: 5.713452V high limit: 5.713812V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 5.32508278019379V on 6V range
Measured: 5.326178V low limit: 5.326010V high limit: 5.326370V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 5.32498817425803V on 6V range
Measured: 5.326107V low limit: 5.325915V high limit: 5.326275V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 4.55007095445182V on 6V range
Measured: 4.551123V low limit: 4.550935V high limit: 4.551295V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 4.54997634851606V on 6V range
Measured: 4.551053V low limit: 4.550841V high limit: 4.551201V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 3.00004730296788V on 6V range
Measured: 3.000995V low limit: 3.000787V high limit: 3.001147V

%PASS - Slot 17 channel 3 raw DAC codes linearity at 2.99995269703212V on 6V range
Measured: 3.000908V low limit: 3.000692V high limit: 3.001052V

%PASS - Slot 17 channel 3 raw DAC codes linearity at -.1V on 6V range
Measured: -0.09936991V low limit: -9.951006E-02V high limit: -9.915006E-02V

%PASS - Slot 17 channel 3 raw DAC codes maximum linearity error on 6V range
Measured: 3.985294E-05V high limit: 0.00018V

%PASS - Slot 17 channel 3 raw DAC code binary transition 0 to 1 on 6V range
Measured: 8.638699E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 1 to 2 on 6V range
Measured: 9.330399E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 2 to 3 on 6V range
Measured: 8.218299E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 3 to 4 on 6V range
Measured: 9.974000E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 7 to 8 on 6V range
Measured: 1.026309E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 15 to 16 on 6V range
Measured: 1.084970E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 31 to 32 on 6V range
Measured: 1.070079E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 63 to 64 on 6V range
Measured: 1.061330E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 127 to 128 on 6V range
Measured: 1.044690E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 255 to 256 on 6V range
Measured: 9.934699E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 511 to 512 on 6V range

Measured: 1.122179E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 1023 to 1024 on 6V range
Measured: 9.847000E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 2047 to 2048 on 6V range
Measured: 9.054499E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 4095 to 4096 on 6V range
Measured: 7.854900E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 8191 to 8192 on 6V range
Measured: 7.036099E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 16383 to 16384 on 6V range
Measured: 6.930999E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transition 32767 to 32768 on 6V range
Measured: 8.734900E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transitions maximum difference on 6V range
Measured: 1.122179E-04V high limit: 2.746044E-04V

%PASS - Slot 17 channel 3 raw DAC code binary transitions minimum difference on 6V range
Measured: 6.930999E-05V low limit: -8.539550E-05V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 3.05V on 3V range
Measured: 3.050224V low limit: 3.050133V high limit: 3.050313V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 3.04995269703212V on 3V range
Measured: 3.050173V low limit: 3.050086V high limit: 3.050266V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 3.04990539406424V on 3V range
Measured: 3.050124V low limit: 3.050039V high limit: 3.050219V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 3.04985809109636V on 3V range
Measured: 3.050079V low limit: 3.049991V high limit: 3.050171V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 3.04981078812848V on 3V range
Measured: 3.050031V low limit: 3.049944V high limit: 3.050124V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 3.04966887922484V on 3V range
Measured: 3.049891V low limit: 3.049802V high limit: 3.049982V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 3.04962157625696V on 3V range
Measured: 3.049845V low limit: 3.049755V high limit: 3.049935V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 3.0492904554818V on 3V range
Measured: 3.049510V low limit: 3.049423V high limit: 3.049603V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 3.04924315251392V on 3V range
Measured: 3.049463V low limit: 3.049376V high limit: 3.049556V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 3.04853360799573V on 3V range
Measured: 3.048754V low limit: 3.048666V high limit: 3.048846V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 3.04848630502785V on 3V range
Measured: 3.048707V low limit: 3.048618V high limit: 3.048798V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 3.04701991302358V on 3V range
Measured: 3.047239V low limit: 3.047151V high limit: 3.047331V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 3.0469726100557V on 3V range
Measured: 3.047195V low limit: 3.047104V high limit: 3.047284V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 3.04399252307927V on 3V range
Measured: 3.044209V low limit: 3.044121V high limit: 3.044301V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 3.04394522011139V on 3V range
Measured: 3.044160V low limit: 3.044074V high limit: 3.044254V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 3.03793774319066V on 3V range
Measured: 3.038151V low limit: 3.038062V high limit: 3.038242V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 3.03789044022278V on 3V range
Measured: 3.038107V low limit: 3.038015V high limit: 3.038195V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 3.02582818341344V on 3V range
Measured: 3.026030V low limit: 3.025944V high limit: 3.026124V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 3.02578088044556V on 3V range
Measured: 3.025987V low limit: 3.025897V high limit: 3.026077V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 3.00160906385901V on 3V range
Measured: 3.001790V low limit: 3.001708V high limit: 3.001888V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 3.00156176089113V on 3V range
Measured: 3.001751V low limit: 3.001660V high limit: 3.001840V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 2.95317082475013V on 3V range
Measured: 2.953316V low limit: 2.953235V high limit: 2.953415V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 2.95312352178225V on 3V range
Measured: 2.953281V low limit: 2.953187V high limit: 2.953367V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 2.85629434653239V on 3V range
Measured: 2.856372V low limit: 2.856289V high limit: 2.856469V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 2.85624704356451V on 3V range
Measured: 2.856339V low limit: 2.856241V high limit: 2.856421V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 2.66254139009689V on 3V range
Measured: 2.662478V low limit: 2.662397V high limit: 2.662577V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 2.66249408712902V on 3V range
Measured: 2.662458V low limit: 2.662350V high limit: 2.662530V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 2.27503547722591V on 3V range
Measured: 2.274712V low limit: 2.274613V high limit: 2.274793V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 2.27498817425803V on 3V range
Measured: 2.274675V low limit: 2.274566V high limit: 2.274746V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 1.50002365148394V on 3V range

Measured: 1.499148V low limit: 1.499046V high limit: 1.499226V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 1.49997634851606V on 3V range
Measured: 1.499108V low limit: 1.498999V high limit: 1.499179V

%PASS - Slot 17 channel 4 raw DAC codes linearity at -.05V on 3V range
Measured: -0.05202138V low limit: -5.208780E-02V high limit: -5.190780E-02V

%PASS - Slot 17 channel 4 raw DAC codes maximum linearity error on 3V range
Measured: 2.357270E-05V high limit: 0.00009V

%PASS - Slot 17 channel 4 raw DAC code binary transition 0 to 1 on 3V range
Measured: 5.127100E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 1 to 2 on 3V range
Measured: 4.890699E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 2 to 3 on 3V range
Measured: 4.492300E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 3 to 4 on 3V range
Measured: 4.803099E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 7 to 8 on 3V range
Measured: 4.605999E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 15 to 16 on 3V range
Measured: 4.698000E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 31 to 32 on 3V range
Measured: 4.636800E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 63 to 64 on 3V range
Measured: 4.409099E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 127 to 128 on 3V range
Measured: 4.864400E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 255 to 256 on 3V range
Measured: 4.391600E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 511 to 512 on 3V range
Measured: 4.356499E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 1023 to 1024 on 3V range
Measured: 3.896800E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 2047 to 2048 on 3V range
Measured: 3.546500E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 4095 to 4096 on 3V range
Measured: 3.340700E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 8191 to 8192 on 3V range
Measured: 1.961500E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 16383 to 16384 on 3V range
Measured: 3.673500E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 32767 to 32768 on 3V range
Measured: 4.019300E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transitions maximum difference on 3V range
Measured: 5.127100E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transitions minimum difference on 3V range
Measured: 1.961500E-05V low limit: -4.269775E-05V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 6.1V on 6V range
Measured: 6.100324V low limit: 6.100141V high limit: 6.100501V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 6.09990539406424V on 6V range
Measured: 6.100225V low limit: 6.100046V high limit: 6.100406V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 6.09981078812848V on 6V range
Measured: 6.100126V low limit: 6.099952V high limit: 6.100312V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 6.09971618219272V on 6V range
Measured: 6.100031V low limit: 6.099857V high limit: 6.100217V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 6.09962157625696V on 6V range
Measured: 6.099950V low limit: 6.099762V high limit: 6.100122V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 6.09933775844968V on 6V range
Measured: 6.099654V low limit: 6.099478V high limit: 6.099838V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 6.09924315251392V on 6V range
Measured: 6.099564V low limit: 6.099384V high limit: 6.099744V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 6.09858091096361V on 6V range
Measured: 6.098901V low limit: 6.098721V high limit: 6.099081V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 6.09848630502785V on 6V range
Measured: 6.098804V low limit: 6.098626V high limit: 6.098986V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 6.09706721599146V on 6V range
Measured: 6.097381V low limit: 6.097206V high limit: 6.097566V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 6.0969726100557V on 6V range
Measured: 6.097294V low limit: 6.097112V high limit: 6.097472V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 6.09403982604715V on 6V range
Measured: 6.094354V low limit: 6.094177V high limit: 6.094537V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 6.09394522011139V on 6V range
Measured: 6.094262V low limit: 6.094082V high limit: 6.094442V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 6.08798504615854V on 6V range
Measured: 6.088293V low limit: 6.088118V high limit: 6.088478V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 6.08789044022278V on 6V range
Measured: 6.088196V low limit: 6.088024V high limit: 6.088384V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 6.07587548638132V on 6V range

Measured: 6.076173V low limit: 6.076001V high limit: 6.076361V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 6.07578088044556V on 6V range
Measured: 6.076082V low limit: 6.075906V high limit: 6.076266V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 6.05165636682689V on 6V range
Measured: 6.051933V low limit: 6.051766V high limit: 6.052126V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 6.05156176089113V on 6V range
Measured: 6.051853V low limit: 6.051671V high limit: 6.052031V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 6.00321812771801V on 6V range
Measured: 6.003465V low limit: 6.003295V high limit: 6.003655V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 6.00312352178225V on 6V range
Measured: 6.003382V low limit: 6.003201V high limit: 6.003561V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 5.90634164950027V on 6V range
Measured: 5.906520V low limit: 5.906355V high limit: 5.906715V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 5.90624704356451V on 6V range
Measured: 5.906443V low limit: 5.906260V high limit: 5.906620V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 5.71258869306477V on 6V range
Measured: 5.712641V low limit: 5.712474V high limit: 5.712834V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 5.71249408712902V on 6V range
Measured: 5.712574V low limit: 5.712380V high limit: 5.712740V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 5.32508278019379V on 6V range
Measured: 5.324877V low limit: 5.324713V high limit: 5.325073V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 5.32498817425803V on 6V range
Measured: 5.324826V low limit: 5.324618V high limit: 5.324978V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 4.55007095445182V on 6V range
Measured: 4.549379V low limit: 4.549191V high limit: 4.549551V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 4.54997634851606V on 6V range
Measured: 4.549310V low limit: 4.549096V high limit: 4.549456V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 3.00004730296788V on 6V range
Measured: 2.998349V low limit: 2.998145V high limit: 2.998505V

%PASS - Slot 17 channel 4 raw DAC codes linearity at 2.99995269703212V on 6V range
Measured: 2.998266V low limit: 2.998051V high limit: 2.998411V

%PASS - Slot 17 channel 4 raw DAC codes linearity at -.1V on 6V range
Measured: -0.1038059V low limit: -0.1039445V high limit: -0.1035845V

%PASS - Slot 17 channel 4 raw DAC codes maximum linearity error on 6V range
Measured: 4.132805E-05V high limit: 0.00018V

%PASS - Slot 17 channel 4 raw DAC code binary transition 0 to 1 on 6V range
Measured: 9.890800E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 1 to 2 on 6V range
Measured: 9.917100E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 2 to 3 on 6V range
Measured: 9.453000E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 3 to 4 on 6V range
Measured: 8.117600E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 7 to 8 on 6V range
Measured: 9.080900E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 15 to 16 on 6V range
Measured: 9.671899E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 31 to 32 on 6V range
Measured: 8.669300E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 63 to 64 on 6V range
Measured: 9.155200E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 127 to 128 on 6V range
Measured: 9.702599E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 255 to 256 on 6V range
Measured: 9.023899E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 511 to 512 on 6V range
Measured: 8.003699E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 1023 to 1024 on 6V range
Measured: 8.336500E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 2047 to 2048 on 6V range
Measured: 7.618500E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 4095 to 4096 on 6V range
Measured: 6.628900E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 8191 to 8192 on 6V range
Measured: 5.083300E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 16383 to 16384 on 6V range
Measured: 6.878499E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transition 32767 to 32768 on 6V range
Measured: 8.323299E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transitions maximum difference on 6V range
Measured: 9.917100E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 4 raw DAC code binary transitions minimum difference on 6V range
Measured: 5.083300E-05V low limit: -8.539550E-05V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 3.05V on 3V range
Measured: 3.049954V low limit: 3.049872V high limit: 3.050052V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 3.04995269703212V on 3V range

Measured: 3.049909V low limit: 3.049824V high limit: 3.050004V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 3.04990539406424V on 3V range
Measured: 3.049866V low limit: 3.049777V high limit: 3.049957V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 3.04985809109636V on 3V range
Measured: 3.049821V low limit: 3.049730V high limit: 3.049910V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 3.04981078812848V on 3V range
Measured: 3.049775V low limit: 3.049682V high limit: 3.049862V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 3.04966887922484V on 3V range
Measured: 3.049632V low limit: 3.049541V high limit: 3.049721V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 3.04962157625696V on 3V range
Measured: 3.049588V low limit: 3.049493V high limit: 3.049673V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 3.0492904554818V on 3V range
Measured: 3.049255V low limit: 3.049162V high limit: 3.049342V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 3.04924315251392V on 3V range
Measured: 3.049206V low limit: 3.049115V high limit: 3.049295V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 3.04853360799573V on 3V range
Measured: 3.048498V low limit: 3.048406V high limit: 3.048586V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 3.04848630502785V on 3V range
Measured: 3.048452V low limit: 3.048358V high limit: 3.048538V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 3.04701991302358V on 3V range
Measured: 3.046985V low limit: 3.046892V high limit: 3.047072V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 3.0469726100557V on 3V range
Measured: 3.046940V low limit: 3.046845V high limit: 3.047025V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 3.04399252307927V on 3V range
Measured: 3.043956V low limit: 3.043866V high limit: 3.044046V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 3.04394522011139V on 3V range
Measured: 3.043908V low limit: 3.043819V high limit: 3.043999V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 3.03793774319066V on 3V range
Measured: 3.037905V low limit: 3.037813V high limit: 3.037993V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 3.03789044022278V on 3V range
Measured: 3.037852V low limit: 3.037766V high limit: 3.037946V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 3.02582818341344V on 3V range
Measured: 3.025799V low limit: 3.025707V high limit: 3.025887V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 3.02578088044556V on 3V range
Measured: 3.025742V low limit: 3.025660V high limit: 3.025840V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 3.00160906385901V on 3V range
Measured: 3.001578V low limit: 3.001496V high limit: 3.001676V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 3.00156176089113V on 3V range
Measured: 3.001536V low limit: 3.001449V high limit: 3.001629V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 2.95317082475013V on 3V range
Measured: 2.953156V low limit: 2.953073V high limit: 2.953253V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 2.95312352178225V on 3V range
Measured: 2.953115V low limit: 2.953026V high limit: 2.953206V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 2.85629434653239V on 3V range
Measured: 2.856310V low limit: 2.856227V high limit: 2.856407V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 2.85624704356451V on 3V range
Measured: 2.856267V low limit: 2.856180V high limit: 2.856360V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 2.66254139009689V on 3V range
Measured: 2.662617V low limit: 2.662535V high limit: 2.662715V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 2.66249408712902V on 3V range
Measured: 2.662585V low limit: 2.662488V high limit: 2.662668V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 2.27503547722591V on 3V range
Measured: 2.275245V low limit: 2.275152V high limit: 2.275332V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 2.27498817425803V on 3V range
Measured: 2.275208V low limit: 2.275105V high limit: 2.275285V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 1.50002365148394V on 3V range
Measured: 1.500485V low limit: 1.500385V high limit: 1.500565V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 1.49997634851606V on 3V range
Measured: 1.500439V low limit: 1.500338V high limit: 1.500518V

%PASS - Slot 17 channel 5 raw DAC codes linearity at -.05V on 3V range
Measured: -0.04907078V low limit: -4.914763E-02V high limit: -4.896763E-02V

%PASS - Slot 17 channel 5 raw DAC codes maximum linearity error on 3V range
Measured: 1.359058E-05V high limit: 0.00009V

%PASS - Slot 17 channel 5 raw DAC code binary transition 0 to 1 on 3V range
Measured: 4.452899E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 1 to 2 on 3V range
Measured: 4.352099E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 2 to 3 on 3V range
Measured: 4.487900E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 3 to 4 on 3V range
Measured: 4.619200E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 7 to 8 on 3V range
Measured: 4.365300E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 15 to 16 on 3V range
Measured: 4.995699E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 31 to 32 on 3V range

Measured: 4.685000E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 63 to 64 on 3V range
Measured: 4.522899E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 127 to 128 on 3V range
Measured: 4.794400E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 255 to 256 on 3V range
Measured: 5.271599E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 511 to 512 on 3V range
Measured: 5.656900E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 1023 to 1024 on 3V range
Measured: 4.233900E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 2047 to 2048 on 3V range
Measured: 4.071899E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 4095 to 4096 on 3V range
Measured: 4.339000E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 8191 to 8192 on 3V range
Measured: 3.209300E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 16383 to 16384 on 3V range
Measured: 3.664800E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 32767 to 32768 on 3V range
Measured: 4.557900E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transitions maximum difference on 3V range
Measured: 5.656900E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transitions minimum difference on 3V range
Measured: 3.209300E-05V low limit: -4.269775E-05V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 6.1V on 6V range
Measured: 6.099814V low limit: 6.099637V high limit: 6.099997V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 6.09990539406424V on 6V range
Measured: 6.099724V low limit: 6.099543V high limit: 6.099903V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 6.09981078812848V on 6V range
Measured: 6.099620V low limit: 6.099448V high limit: 6.099808V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 6.09971618219272V on 6V range
Measured: 6.099528V low limit: 6.099354V high limit: 6.099714V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 6.09962157625696V on 6V range
Measured: 6.099439V low limit: 6.099259V high limit: 6.099619V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 6.09933775844968V on 6V range
Measured: 6.099158V low limit: 6.098975V high limit: 6.099335V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 6.09924315251392V on 6V range
Measured: 6.099061V low limit: 6.098881V high limit: 6.099241V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 6.09858091096361V on 6V range
Measured: 6.098396V low limit: 6.098219V high limit: 6.098579V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 6.09848630502785V on 6V range
Measured: 6.098301V low limit: 6.098124V high limit: 6.098484V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 6.09706721599146V on 6V range
Measured: 6.096891V low limit: 6.096706V high limit: 6.097066V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 6.0969726100557V on 6V range
Measured: 6.096790V low limit: 6.096611V high limit: 6.096971V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 6.09403982604715V on 6V range
Measured: 6.093856V low limit: 6.093679V high limit: 6.094039V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 6.09394522011139V on 6V range
Measured: 6.093770V low limit: 6.093585V high limit: 6.093945V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 6.08798504615854V on 6V range
Measured: 6.087814V low limit: 6.087626V high limit: 6.087986V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 6.08789044022278V on 6V range
Measured: 6.087715V low limit: 6.087532V high limit: 6.087892V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 6.07587548638132V on 6V range
Measured: 6.075704V low limit: 6.075521V high limit: 6.075881V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 6.07578088044556V on 6V range
Measured: 6.075602V low limit: 6.075426V high limit: 6.075786V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 6.05165636682689V on 6V range
Measured: 6.051489V low limit: 6.051310V high limit: 6.051670V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 6.05156176089113V on 6V range
Measured: 6.051384V low limit: 6.051215V high limit: 6.051575V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 6.00321812771801V on 6V range
Measured: 6.003059V low limit: 6.002887V high limit: 6.003247V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 6.00312352178225V on 6V range
Measured: 6.002971V low limit: 6.002792V high limit: 6.003152V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 5.90634164950027V on 6V range
Measured: 5.906213V low limit: 5.906042V high limit: 5.906402V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 5.90624704356451V on 6V range
Measured: 5.906120V low limit: 5.905948V high limit: 5.906308V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 5.71258869306477V on 6V range
Measured: 5.712523V low limit: 5.712352V high limit: 5.712712V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 5.71249408712902V on 6V range
Measured: 5.712435V low limit: 5.712258V high limit: 5.712618V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 5.32508278019379V on 6V range

Measured: 5.325146V low limit: 5.324973V high limit: 5.325333V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 5.32498817425803V on 6V range
Measured: 5.325071V low limit: 5.324878V high limit: 5.325238V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 4.55007095445182V on 6V range
Measured: 4.550403V low limit: 4.550213V high limit: 4.550573V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 4.54997634851606V on 6V range
Measured: 4.550325V low limit: 4.550118V high limit: 4.550478V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 3.00004730296788V on 6V range
Measured: 3.000889V low limit: 3.000694V high limit: 3.001054V

%PASS - Slot 17 channel 5 raw DAC codes linearity at 2.99995269703212V on 6V range
Measured: 3.000802V low limit: 3.000600V high limit: 3.000960V

%PASS - Slot 17 channel 5 raw DAC codes linearity at -.1V on 6V range
Measured: -0.09819037V low limit: -9.834322E-02V high limit: -9.798322E-02V

%PASS - Slot 17 channel 5 raw DAC codes maximum linearity error on 6V range
Measured: 2.714966E-05V high limit: 0.00018V

%PASS - Slot 17 channel 5 raw DAC code binary transition 0 to 1 on 6V range
Measured: 9.080900E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 1 to 2 on 6V range
Measured: 1.030239E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 2 to 3 on 6V range
Measured: 9.207800E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 3 to 4 on 6V range
Measured: 8.980099E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 7 to 8 on 6V range
Measured: 9.676300E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 15 to 16 on 6V range
Measured: 9.488099E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 31 to 32 on 6V range
Measured: 1.012290E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 63 to 64 on 6V range
Measured: 8.612400E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 127 to 128 on 6V range
Measured: 9.921499E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 255 to 256 on 6V range
Measured: 1.021489E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 511 to 512 on 6V range
Measured: 1.047319E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 1023 to 1024 on 6V range
Measured: 8.778700E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 2047 to 2048 on 6V range
Measured: 9.343500E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 4095 to 4096 on 6V range
Measured: 8.752500E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 8191 to 8192 on 6V range
Measured: 7.474000E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 16383 to 16384 on 6V range
Measured: 7.758599E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transition 32767 to 32768 on 6V range
Measured: 8.761299E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transitions maximum difference on 6V range
Measured: 1.047319E-04V high limit: 2.746044E-04V

%PASS - Slot 17 channel 5 raw DAC code binary transitions minimum difference on 6V range
Measured: 7.474000E-05V low limit: -8.539550E-05V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 3.05V on 3V range
Measured: 3.052996V low limit: 3.052903V high limit: 3.053083V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 3.04995269703212V on 3V range
Measured: 3.052946V low limit: 3.052856V high limit: 3.053036V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 3.04990539406424V on 3V range
Measured: 3.052897V low limit: 3.052808V high limit: 3.052988V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 3.04985809109636V on 3V range
Measured: 3.052850V low limit: 3.052761V high limit: 3.052941V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 3.04981078812848V on 3V range
Measured: 3.052803V low limit: 3.052714V high limit: 3.052894V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 3.04966887922484V on 3V range
Measured: 3.052664V low limit: 3.052572V high limit: 3.052752V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 3.04962157625696V on 3V range
Measured: 3.052615V low limit: 3.052524V high limit: 3.052704V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 3.0492904554818V on 3V range
Measured: 3.052283V low limit: 3.052193V high limit: 3.052373V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 3.04924315251392V on 3V range
Measured: 3.052232V low limit: 3.052146V high limit: 3.052326V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 3.04853360799573V on 3V range
Measured: 3.051520V low limit: 3.051435V high limit: 3.051615V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 3.04848630502785V on 3V range
Measured: 3.051479V low limit: 3.051388V high limit: 3.051568V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 3.04701991302358V on 3V range

Measured: 3.050003V low limit: 3.049920V high limit: 3.050100V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 3.0469726100557V on 3V range
Measured: 3.049961V low limit: 3.049873V high limit: 3.050053V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 3.04399252307927V on 3V range
Measured: 3.046974V low limit: 3.046890V high limit: 3.047070V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 3.04394522011139V on 3V range
Measured: 3.046930V low limit: 3.046843V high limit: 3.047023V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 3.03793774319066V on 3V range
Measured: 3.040917V low limit: 3.040830V high limit: 3.041010V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 3.03789044022278V on 3V range
Measured: 3.040870V low limit: 3.040782V high limit: 3.040962V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 3.02582818341344V on 3V range
Measured: 3.028794V low limit: 3.028709V high limit: 3.028889V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 3.02578088044556V on 3V range
Measured: 3.028748V low limit: 3.028662V high limit: 3.028842V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 3.00160906385901V on 3V range
Measured: 3.004550V low limit: 3.004467V high limit: 3.004647V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 3.00156176089113V on 3V range
Measured: 3.004514V low limit: 3.004420V high limit: 3.004600V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 2.95317082475013V on 3V range
Measured: 2.956067V low limit: 2.955984V high limit: 2.956164V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 2.95312352178225V on 3V range
Measured: 2.956027V low limit: 2.955937V high limit: 2.956117V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 2.85629434653239V on 3V range
Measured: 2.859104V low limit: 2.859018V high limit: 2.859198V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 2.85624704356451V on 3V range
Measured: 2.859063V low limit: 2.858971V high limit: 2.859151V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 2.66254139009689V on 3V range
Measured: 2.665175V low limit: 2.665086V high limit: 2.665266V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 2.66249408712902V on 3V range
Measured: 2.665144V low limit: 2.665038V high limit: 2.665218V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 2.27503547722591V on 3V range
Measured: 2.277321V low limit: 2.277221V high limit: 2.277401V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 2.27498817425803V on 3V range
Measured: 2.277287V low limit: 2.277174V high limit: 2.277354V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 1.50002365148394V on 3V range
Measured: 1.501587V low limit: 1.501492V high limit: 1.501672V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 1.49997634851606V on 3V range
Measured: 1.501547V low limit: 1.501444V high limit: 1.501624V

%PASS - Slot 17 channel 6 raw DAC codes linearity at -.05V on 3V range
Measured: -0.04989487V low limit: -0.04996655V high limit: -0.04978655V

%PASS - Slot 17 channel 6 raw DAC codes maximum linearity error on 3V range
Measured: 2.323784E-05V high limit: 0.00009V

%PASS - Slot 17 channel 6 raw DAC code binary transition 0 to 1 on 3V range
Measured: 4.921400E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 1 to 2 on 3V range
Measured: 4.921300E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 2 to 3 on 3V range
Measured: 4.689299E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 3 to 4 on 3V range
Measured: 4.724300E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 7 to 8 on 3V range
Measured: 4.881899E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 15 to 16 on 3V range
Measured: 5.057100E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 31 to 32 on 3V range
Measured: 4.071899E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 63 to 64 on 3V range
Measured: 4.233899E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 127 to 128 on 3V range
Measured: 4.492200E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 255 to 256 on 3V range
Measured: 4.684900E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 511 to 512 on 3V range
Measured: 4.597300E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 1023 to 1024 on 3V range
Measured: 3.564000E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 2047 to 2048 on 3V range
Measured: 3.975600E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 4095 to 4096 on 3V range
Measured: 4.133299E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 8191 to 8192 on 3V range
Measured: 3.117399E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 16383 to 16384 on 3V range
Measured: 3.406400E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 32767 to 32768 on 3V range

Measured: 3.962499E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transitions maximum difference on 3V range
Measured: 5.057100E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transitions minimum difference on 3V range
Measured: 3.117399E-05V low limit: -4.269775E-05V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 6.1V on 6V range
Measured: 6.106676V low limit: 6.106490V high limit: 6.106850V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 6.09990539406424V on 6V range
Measured: 6.106579V low limit: 6.106395V high limit: 6.106755V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 6.09981078812848V on 6V range
Measured: 6.106478V low limit: 6.106300V high limit: 6.106660V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 6.09971618219272V on 6V range
Measured: 6.106382V low limit: 6.106206V high limit: 6.106566V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 6.09962157625696V on 6V range
Measured: 6.106289V low limit: 6.106111V high limit: 6.106471V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 6.09933775844968V on 6V range
Measured: 6.106007V low limit: 6.105827V high limit: 6.106187V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 6.09924315251392V on 6V range
Measured: 6.105913V low limit: 6.105732V high limit: 6.106092V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 6.09858091096361V on 6V range
Measured: 6.105252V low limit: 6.105069V high limit: 6.105429V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 6.09848630502785V on 6V range
Measured: 6.105156V low limit: 6.104975V high limit: 6.105335V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 6.09706721599146V on 6V range
Measured: 6.103724V low limit: 6.103554V high limit: 6.103914V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 6.0969726100557V on 6V range
Measured: 6.103638V low limit: 6.103459V high limit: 6.103819V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 6.09403982604715V on 6V range
Measured: 6.100701V low limit: 6.100523V high limit: 6.100883V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 6.09394522011139V on 6V range
Measured: 6.100611V low limit: 6.100429V high limit: 6.100789V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 6.08798504615854V on 6V range
Measured: 6.094634V low limit: 6.094462V high limit: 6.094822V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 6.08789044022278V on 6V range
Measured: 6.094542V low limit: 6.094368V high limit: 6.094728V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 6.07587548638132V on 6V range
Measured: 6.082511V low limit: 6.082340V high limit: 6.082700V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 6.07578088044556V on 6V range
Measured: 6.082424V low limit: 6.082246V high limit: 6.082606V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 6.05165636682689V on 6V range
Measured: 6.058260V low limit: 6.058096V high limit: 6.058456V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 6.05156176089113V on 6V range
Measured: 6.058174V low limit: 6.058001V high limit: 6.058361V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 6.00321812771801V on 6V range
Measured: 6.009776V low limit: 6.009608V high limit: 6.009968V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 6.00312352178225V on 6V range
Measured: 6.009694V low limit: 6.009513V high limit: 6.009873V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 5.90634164950027V on 6V range
Measured: 5.912794V low limit: 5.912631V high limit: 5.912991V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 5.90624704356451V on 6V range
Measured: 5.912722V low limit: 5.912536V high limit: 5.912896V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 5.71258869306477V on 6V range
Measured: 5.718848V low limit: 5.718678V high limit: 5.719038V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 5.71249408712902V on 6V range
Measured: 5.718772V low limit: 5.718583V high limit: 5.718943V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 5.32508278019379V on 6V range
Measured: 5.330945V low limit: 5.330771V high limit: 5.331131V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 5.32498817425803V on 6V range
Measured: 5.330879V low limit: 5.330676V high limit: 5.331036V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 4.55007095445182V on 6V range
Measured: 4.555154V low limit: 4.554957V high limit: 4.555317V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 4.54997634851606V on 6V range
Measured: 4.555082V low limit: 4.554862V high limit: 4.555222V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 3.00004730296788V on 6V range
Measured: 3.003516V low limit: 3.003329V high limit: 3.003689V

%PASS - Slot 17 channel 6 raw DAC codes linearity at 2.99995269703212V on 6V range
Measured: 3.003438V low limit: 3.003234V high limit: 3.003594V

%PASS - Slot 17 channel 6 raw DAC codes linearity at -.1V on 6V range
Measured: -0.09977690V low limit: -9.992607E-02V high limit: -9.956607E-02V

%PASS - Slot 17 channel 6 raw DAC codes maximum linearity error on 6V range
Measured: 4.013534E-05V high limit: 0.00018V

%PASS - Slot 17 channel 6 raw DAC code binary transition 0 to 1 on 6V range
Measured: 9.693800E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 1 to 2 on 6V range
Measured: 1.009669E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 2 to 3 on 6V range

Measured: 9.667499E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 3 to 4 on 6V range
Measured: 9.242899E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 7 to 8 on 6V range
Measured: 9.321599E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 15 to 16 on 6V range
Measured: 9.610700E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 31 to 32 on 6V range
Measured: 8.594799E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 63 to 64 on 6V range
Measured: 9.006400E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 127 to 128 on 6V range
Measured: 9.225400E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 255 to 256 on 6V range
Measured: 8.699900E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 511 to 512 on 6V range
Measured: 8.577299E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 1023 to 1024 on 6V range
Measured: 8.130700E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 2047 to 2048 on 6V range
Measured: 7.193799E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 4095 to 4096 on 6V range
Measured: 7.579100E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 8191 to 8192 on 6V range
Measured: 6.659499E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 16383 to 16384 on 6V range
Measured: 7.180600E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transition 32767 to 32768 on 6V range
Measured: 7.811100E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transitions maximum difference on 6V range
Measured: 1.009669E-04V high limit: 2.746044E-04V

%PASS - Slot 17 channel 6 raw DAC code binary transitions minimum difference on 6V range
Measured: 6.659499E-05V low limit: -8.539550E-05V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 3.05V on 3V range
Measured: 3.048970V low limit: 3.048881V high limit: 3.049061V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 3.04995269703212V on 3V range
Measured: 3.048923V low limit: 3.048834V high limit: 3.049014V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 3.04990539406424V on 3V range
Measured: 3.048877V low limit: 3.048787V high limit: 3.048967V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 3.04985809109636V on 3V range
Measured: 3.048827V low limit: 3.048739V high limit: 3.048919V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 3.04981078812848V on 3V range
Measured: 3.048779V low limit: 3.048692V high limit: 3.048872V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 3.04966887922484V on 3V range
Measured: 3.048638V low limit: 3.048550V high limit: 3.048730V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 3.04962157625696V on 3V range
Measured: 3.048591V low limit: 3.048503V high limit: 3.048683V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 3.0492904554818V on 3V range
Measured: 3.048261V low limit: 3.048172V high limit: 3.048352V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 3.04924315251392V on 3V range
Measured: 3.048213V low limit: 3.048125V high limit: 3.048305V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 3.04853360799573V on 3V range
Measured: 3.047502V low limit: 3.047415V high limit: 3.047595V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 3.04848630502785V on 3V range
Measured: 3.047456V low limit: 3.047368V high limit: 3.047548V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 3.04701991302358V on 3V range
Measured: 3.045989V low limit: 3.045902V high limit: 3.046082V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 3.0469726100557V on 3V range
Measured: 3.045945V low limit: 3.045855V high limit: 3.046035V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 3.04399252307927V on 3V range
Measured: 3.042963V low limit: 3.042876V high limit: 3.043056V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 3.04394522011139V on 3V range
Measured: 3.042916V low limit: 3.042828V high limit: 3.043008V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 3.03793774319066V on 3V range
Measured: 3.036909V low limit: 3.036823V high limit: 3.037003V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 3.03789044022278V on 3V range
Measured: 3.036867V low limit: 3.036775V high limit: 3.036955V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 3.02582818341344V on 3V range
Measured: 3.024800V low limit: 3.024717V high limit: 3.024897V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 3.02578088044556V on 3V range
Measured: 3.024761V low limit: 3.024670V high limit: 3.024850V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 3.00160906385901V on 3V range
Measured: 3.000591V low limit: 3.000506V high limit: 3.000686V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 3.00156176089113V on 3V range
Measured: 3.000542V low limit: 3.000458V high limit: 3.000638V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 2.95317082475013V on 3V range

Measured: 2.952164V low limit: 2.952083V high limit: 2.952263V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 2.95312352178225V on 3V range
Measured: 2.952131V low limit: 2.952036V high limit: 2.952216V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 2.85629434653239V on 3V range
Measured: 2.855317V low limit: 2.855237V high limit: 2.855417V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 2.85624704356451V on 3V range
Measured: 2.855294V low limit: 2.855190V high limit: 2.855370V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 2.66254139009689V on 3V range
Measured: 2.661636V low limit: 2.661546V high limit: 2.661726V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 2.66249408712902V on 3V range
Measured: 2.661608V low limit: 2.661499V high limit: 2.661679V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 2.27503547722591V on 3V range
Measured: 2.274261V low limit: 2.274164V high limit: 2.274344V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 2.27498817425803V on 3V range
Measured: 2.274227V low limit: 2.274116V high limit: 2.274296V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 1.50002365148394V on 3V range
Measured: 1.499489V low limit: 1.499399V high limit: 1.499579V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 1.49997634851606V on 3V range
Measured: 1.499452V low limit: 1.499351V high limit: 1.499531V

%PASS - Slot 17 channel 7 raw DAC codes linearity at -.05V on 3V range
Measured: -0.05005518V low limit: -5.013051E-02V high limit: -4.995051E-02V

%PASS - Slot 17 channel 7 raw DAC codes maximum linearity error on 3V range
Measured: 2.081669E-05V high limit: 0.00009V

%PASS - Slot 17 channel 7 raw DAC code binary transition 0 to 1 on 3V range
Measured: 4.719899E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 1 to 2 on 3V range
Measured: 4.593000E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 2 to 3 on 3V range
Measured: 4.951999E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 3 to 4 on 3V range
Measured: 4.825000E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 7 to 8 on 3V range
Measured: 4.733100E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 15 to 16 on 3V range
Measured: 4.750600E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 31 to 32 on 3V range
Measured: 4.597300E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 63 to 64 on 3V range
Measured: 4.409099E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 127 to 128 on 3V range
Measured: 4.711199E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 255 to 256 on 3V range
Measured: 4.190199E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 511 to 512 on 3V range
Measured: 3.892400E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 1023 to 1024 on 3V range
Measured: 4.868800E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 2047 to 2048 on 3V range
Measured: 3.301299E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 4095 to 4096 on 3V range
Measured: 2.289899E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 8191 to 8192 on 3V range
Measured: 2.806600E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 16383 to 16384 on 3V range
Measured: 3.397600E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 32767 to 32768 on 3V range
Measured: 3.739200E-05V low limit: -4.269775E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transitions maximum difference on 3V range
Measured: 4.951999E-05V high limit: 1.373022E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transitions minimum difference on 3V range
Measured: 2.289899E-05V low limit: -4.269775E-05V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 6.1V on 6V range
Measured: 6.098084V low limit: 6.097895V high limit: 6.098255V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 6.09990539406424V on 6V range
Measured: 6.097991V low limit: 6.097800V high limit: 6.098160V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 6.09981078812848V on 6V range
Measured: 6.097890V low limit: 6.097706V high limit: 6.098066V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 6.09971618219272V on 6V range
Measured: 6.097795V low limit: 6.097611V high limit: 6.097971V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 6.09962157625696V on 6V range
Measured: 6.097704V low limit: 6.097517V high limit: 6.097877V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 6.09933775844968V on 6V range
Measured: 6.097420V low limit: 6.097233V high limit: 6.097593V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 6.09924315251392V on 6V range
Measured: 6.097328V low limit: 6.097139V high limit: 6.097499V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 6.09858091096361V on 6V range

Measured: 6.096658V low limit: 6.096477V high limit: 6.096837V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 6.09848630502785V on 6V range
Measured: 6.096560V low limit: 6.096382V high limit: 6.096742V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 6.09706721599146V on 6V range
Measured: 6.095143V low limit: 6.094964V high limit: 6.095324V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 6.0969726100557V on 6V range
Measured: 6.095056V low limit: 6.094869V high limit: 6.095229V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 6.09403982604715V on 6V range
Measured: 6.092116V low limit: 6.091937V high limit: 6.092297V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 6.09394522011139V on 6V range
Measured: 6.092025V low limit: 6.091843V high limit: 6.092203V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 6.08798504615854V on 6V range
Measured: 6.086063V low limit: 6.085885V high limit: 6.086245V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 6.08789044022278V on 6V range
Measured: 6.085957V low limit: 6.085791V high limit: 6.086151V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 6.07587548638132V on 6V range
Measured: 6.073946V low limit: 6.073781V high limit: 6.074141V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 6.07578088044556V on 6V range
Measured: 6.073867V low limit: 6.073686V high limit: 6.074046V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 6.05165636682689V on 6V range
Measured: 6.049739V low limit: 6.049572V high limit: 6.049932V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 6.05156176089113V on 6V range
Measured: 6.049656V low limit: 6.049478V high limit: 6.049838V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 6.00321812771801V on 6V range
Measured: 6.001327V low limit: 6.001155V high limit: 6.001515V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 6.00312352178225V on 6V range
Measured: 6.001236V low limit: 6.001060V high limit: 6.001420V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 5.90634164950027V on 6V range
Measured: 5.904475V low limit: 5.904320V high limit: 5.904680V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 5.90624704356451V on 6V range
Measured: 5.904401V low limit: 5.904225V high limit: 5.904585V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 5.71258869306477V on 6V range
Measured: 5.710801V low limit: 5.710650V high limit: 5.711010V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 5.71249408712902V on 6V range
Measured: 5.710761V low limit: 5.710555V high limit: 5.710915V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 5.32508278019379V on 6V range
Measured: 5.323482V low limit: 5.323310V high limit: 5.323670V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 5.32498817425803V on 6V range
Measured: 5.323417V low limit: 5.323215V high limit: 5.323575V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 4.55007095445182V on 6V range
Measured: 4.548809V low limit: 4.548630V high limit: 4.548990V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 4.54997634851606V on 6V range
Measured: 4.548744V low limit: 4.548536V high limit: 4.548896V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 3.00004730296788V on 6V range
Measured: 2.999436V low limit: 2.999271V high limit: 2.999631V

%PASS - Slot 17 channel 7 raw DAC codes linearity at 2.99995269703212V on 6V range
Measured: 2.999366V low limit: 2.999177V high limit: 2.999537V

%PASS - Slot 17 channel 7 raw DAC codes linearity at -.1V on 6V range
Measured: -0.09927128V low limit: -9.944686E-02V high limit: -9.908686E-02V

%PASS - Slot 17 channel 7 raw DAC codes maximum linearity error on 6V range
Measured: 2.914310E-05V high limit: 0.00018V

%PASS - Slot 17 channel 7 raw DAC code binary transition 0 to 1 on 6V range
Measured: 9.321699E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 1 to 2 on 6V range
Measured: 1.006160E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 2 to 3 on 6V range
Measured: 9.501099E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 3 to 4 on 6V range
Measured: 9.107099E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 7 to 8 on 6V range
Measured: 9.216599E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 15 to 16 on 6V range
Measured: 9.759499E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 31 to 32 on 6V range
Measured: 8.730600E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 63 to 64 on 6V range
Measured: 9.080800E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 127 to 128 on 6V range
Measured: 1.054319E-04V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 255 to 256 on 6V range
Measured: 7.907399E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 511 to 512 on 6V range
Measured: 8.332099E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 1023 to 1024 on 6V range
Measured: 9.146499E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 2047 to 2048 on 6V range

Measured: 7.342700E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 4095 to 4096 on 6V range
Measured: 3.993099E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 8191 to 8192 on 6V range
Measured: 6.458200E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 16383 to 16384 on 6V range
Measured: 6.453800E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transition 32767 to 32768 on 6V range
Measured: 7.014200E-05V low limit: -8.539550E-05V high limit: 2.746044E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transitions maximum difference on 6V range
Measured: 1.054319E-04V high limit: 2.746044E-04V

%PASS - Slot 17 channel 7 raw DAC code binary transitions minimum difference on 6V range
Measured: 3.993099E-05V low limit: -8.539550E-05V

%JOB_END - ****PASSED**** CTO_DIB External Verification of slot 17 (C006B6E) at 1:00:32 PM

Slot17_CTO_ExternlCal

%JOB_START - Beginning CTO_DIB External Calibration test on slot 17 at 12:48:18 PM on 2/29/2020

Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

%PASS - Slot 17 channel 0 3V Source offset in mV
Measured: 0.9468 low limit: -50 high limit: 50

%PASS - Slot 17 channel 0 3V Source gain in mV
Measured: 0.9998 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 1 3V Source offset in mV
Measured: 0.7576 low limit: -50 high limit: 50

%PASS - Slot 17 channel 1 3V Source gain in mV
Measured: 1.000 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 2 3V Source offset in mV
Measured: -0.7087 low limit: -50 high limit: 50

%PASS - Slot 17 channel 2 3V Source gain in mV
Measured: 1.000 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 3 3V Source offset in mV
Measured: 0.2845 low limit: -50 high limit: 50

%PASS - Slot 17 channel 3 3V Source gain in mV
Measured: 1.000 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 4 3V Source offset in mV
Measured: -1.844 low limit: -50 high limit: 50

%PASS - Slot 17 channel 4 3V Source gain in mV
Measured: 1.000 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 5 3V Source offset in mV

Measured: 1.041 low limit: -50 high limit: 50

%PASS - Slot 17 channel 5 3V Source gain in mV
Measured: 0.9997 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 6 3V Source offset in mV
Measured: 0.2845 low limit: -50 high limit: 50

%PASS - Slot 17 channel 6 3V Source gain in mV
Measured: 1.001 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 7 3V Source offset in mV
Measured: 4.806E-02 low limit: -50 high limit: 50

%PASS - Slot 17 channel 7 3V Source gain in mV
Measured: 0.9997 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 0 6V Source offset in mV
Measured: 1.420 low limit: -100 high limit: 100

%PASS - Slot 17 channel 0 6V Source gain in mV
Measured: 0.9997 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 1 6V Source offset in mV
Measured: 1.231 low limit: -100 high limit: 100

%PASS - Slot 17 channel 1 6V Source gain in mV
Measured: 0.9999 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 2 6V Source offset in mV
Measured: -0.8499 low limit: -100 high limit: 100

%PASS - Slot 17 channel 2 6V Source gain in mV
Measured: 0.9999 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 3 6V Source offset in mV
Measured: 0.7583 low limit: -100 high limit: 100

%PASS - Slot 17 channel 3 6V Source gain in mV
Measured: 1.000 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 4 6V Source offset in mV
Measured: -3.593 low limit: -100 high limit: 100

%PASS - Slot 17 channel 4 6V Source gain in mV
Measured: 1.000 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 5 6V Source offset in mV
Measured: 1.893 low limit: -100 high limit: 100

%PASS - Slot 17 channel 5 6V Source gain in mV
Measured: 0.9996 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 6 6V Source offset in mV
Measured: 0.4745 low limit: -100 high limit: 100

%PASS - Slot 17 channel 6 6V Source gain in mV
Measured: 1.000 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 7 6V Source offset in mV
Measured: 0.8529 low limit: -100 high limit: 100

%PASS - Slot 17 channel 7 6V Source gain in mV
Measured: 0.9995 low limit: 0.98 high limit: 1.02

%PASS - Slot 17 channel 0 at 0V on 3V range
Measured: -0.0001150 low limit: -0.05 high limit: 0.05

%PASS - Slot 17 channel 0 at 0V on 3V range
Measured: -4.442E-06 low limit: -0.05 high limit: 0.05

%PASS - Slot 17 channel 0 at 3V on 3V range
Measured: 2.999 low limit: 2.95 high limit: 3.05

%PASS - Slot 17 channel 0 at 3V on 3V range
Measured: 3.000 low limit: 2.95 high limit: 3.05

%PASS - Slot 17 channel 0 at 0V on 6V range
Measured: -0.0001530 low limit: -0.1 high limit: 0.1

%PASS - Slot 17 channel 0 at 0V on 6V range
Measured: -6.218E-05 low limit: -0.1 high limit: 0.1

%PASS - Slot 17 channel 0 at 6V on 6V range
Measured: 6.000 low limit: 5.9 high limit: 6.1

%PASS - Slot 17 channel 0 at 6V on 6V range
Measured: 6.000 low limit: 5.9 high limit: 6.1

%PASS - Slot 17 channel 1 at 0V on 3V range
Measured: -0.00007980 low limit: -0.05 high limit: 0.05

%PASS - Slot 17 channel 1 at 0V on 3V range
Measured: 2.885E-05 low limit: -0.05 high limit: 0.05

%PASS - Slot 17 channel 1 at 3V on 3V range
Measured: 2.999 low limit: 2.95 high limit: 3.05

%PASS - Slot 17 channel 1 at 3V on 3V range
Measured: 3.000 low limit: 2.95 high limit: 3.05

%PASS - Slot 17 channel 1 at 0V on 6V range
Measured: -0.0001628 low limit: -0.1 high limit: 0.1

%PASS - Slot 17 channel 1 at 0V on 6V range
Measured: -2.070E-05 low limit: -0.1 high limit: 0.1

%PASS - Slot 17 channel 1 at 6V on 6V range
Measured: 6.000 low limit: 5.9 high limit: 6.1

%PASS - Slot 17 channel 1 at 6V on 6V range
Measured: 6.000 low limit: 5.9 high limit: 6.1

%PASS - Slot 17 channel 2 at 0V on 3V range

Measured: -0.0001277 low limit: -0.05 high limit: 0.05

%PASS - Slot 17 channel 2 at 0V on 3V range
Measured: -2.110E-05 low limit: -0.05 high limit: 0.05

%PASS - Slot 17 channel 2 at 3V on 3V range
Measured: 2.999 low limit: 2.95 high limit: 3.05

%PASS - Slot 17 channel 2 at 3V on 3V range
Measured: 3.000 low limit: 2.95 high limit: 3.05

%PASS - Slot 17 channel 2 at 0V on 6V range
Measured: -0.0001733 low limit: -0.1 high limit: 0.1

%PASS - Slot 17 channel 2 at 0V on 6V range
Measured: -5.625E-05 low limit: -0.1 high limit: 0.1

%PASS - Slot 17 channel 2 at 6V on 6V range
Measured: 6.000 low limit: 5.9 high limit: 6.1

%PASS - Slot 17 channel 2 at 6V on 6V range
Measured: 6.000 low limit: 5.9 high limit: 6.1

%PASS - Slot 17 channel 3 at 0V on 3V range
Measured: -0.0001243 low limit: -0.05 high limit: 0.05

%PASS - Slot 17 channel 3 at 0V on 3V range
Measured: 2.589E-06 low limit: -0.05 high limit: 0.05

%PASS - Slot 17 channel 3 at 3V on 3V range
Measured: 2.999 low limit: 2.95 high limit: 3.05

%PASS - Slot 17 channel 3 at 3V on 3V range
Measured: 3.000 low limit: 2.95 high limit: 3.05

%PASS - Slot 17 channel 3 at 0V on 6V range
Measured: -0.0001173 low limit: -0.1 high limit: 0.1

%PASS - Slot 17 channel 3 at 0V on 6V range
Measured: -4.438E-06 low limit: -0.1 high limit: 0.1

%PASS - Slot 17 channel 3 at 6V on 6V range
Measured: 6.000 low limit: 5.9 high limit: 6.1

%PASS - Slot 17 channel 3 at 6V on 6V range
Measured: 6.000 low limit: 5.9 high limit: 6.1

%PASS - Slot 17 channel 4 at 0V on 3V range
Measured: -0.0001449 low limit: -0.05 high limit: 0.05

%PASS - Slot 17 channel 4 at 0V on 3V range
Measured: -2.516E-05 low limit: -0.05 high limit: 0.05

%PASS - Slot 17 channel 4 at 3V on 3V range
Measured: 2.999 low limit: 2.95 high limit: 3.05

%PASS - Slot 17 channel 4 at 3V on 3V range
Measured: 3.000 low limit: 2.95 high limit: 3.05

%PASS - Slot 17 channel 4 at 0V on 6V range
Measured: -0.0001533 low limit: -0.1 high limit: 0.1

%PASS - Slot 17 channel 4 at 0V on 6V range
Measured: -4.662E-05 low limit: -0.1 high limit: 0.1

%PASS - Slot 17 channel 4 at 6V on 6V range
Measured: 6.000 low limit: 5.9 high limit: 6.1

%PASS - Slot 17 channel 4 at 6V on 6V range
Measured: 6.000 low limit: 5.9 high limit: 6.1

%PASS - Slot 17 channel 5 at 0V on 3V range
Measured: -0.0001291 low limit: -0.05 high limit: 0.05

%PASS - Slot 17 channel 5 at 0V on 3V range
Measured: 1.851E-06 low limit: -0.05 high limit: 0.05

%PASS - Slot 17 channel 5 at 3V on 3V range
Measured: 2.999 low limit: 2.95 high limit: 3.05

%PASS - Slot 17 channel 5 at 3V on 3V range
Measured: 3.000 low limit: 2.95 high limit: 3.05

%PASS - Slot 17 channel 5 at 0V on 6V range
Measured: -0.0001261 low limit: -0.1 high limit: 0.1

%PASS - Slot 17 channel 5 at 0V on 6V range
Measured: -4.293E-05 low limit: -0.1 high limit: 0.1

%PASS - Slot 17 channel 5 at 6V on 6V range
Measured: 6.000 low limit: 5.9 high limit: 6.1

%PASS - Slot 17 channel 5 at 6V on 6V range
Measured: 6.000 low limit: 5.9 high limit: 6.1

%PASS - Slot 17 channel 6 at 0V on 3V range
Measured: -0.0001283 low limit: -0.05 high limit: 0.05

%PASS - Slot 17 channel 6 at 0V on 3V range
Measured: -2.591E-06 low limit: -0.05 high limit: 0.05

%PASS - Slot 17 channel 6 at 3V on 3V range
Measured: 2.999 low limit: 2.95 high limit: 3.05

%PASS - Slot 17 channel 6 at 3V on 3V range
Measured: 3.000 low limit: 2.95 high limit: 3.05

%PASS - Slot 17 channel 6 at 0V on 6V range
Measured: -0.0001485 low limit: -0.1 high limit: 0.1

%PASS - Slot 17 channel 6 at 0V on 6V range
Measured: -5.402E-05 low limit: -0.1 high limit: 0.1

%PASS - Slot 17 channel 6 at 6V on 6V range

Measured: 6.000 low limit: 5.9 high limit: 6.1

%PASS - Slot 17 channel 6 at 6V on 6V range
Measured: 6.000 low limit: 5.9 high limit: 6.1

%PASS - Slot 17 channel 7 at 0V on 3V range
Measured: -0.0001215 low limit: -0.05 high limit: 0.05

%PASS - Slot 17 channel 7 at 0V on 3V range
Measured: 2.110E-05 low limit: -0.05 high limit: 0.05

%PASS - Slot 17 channel 7 at 3V on 3V range
Measured: 2.999 low limit: 2.95 high limit: 3.05

%PASS - Slot 17 channel 7 at 3V on 3V range
Measured: 3.000 low limit: 2.95 high limit: 3.05

%PASS - Slot 17 channel 7 at 0V on 6V range
Measured: -0.0001735 low limit: -0.1 high limit: 0.1

%PASS - Slot 17 channel 7 at 0V on 6V range
Measured: -4.664E-05 low limit: -0.1 high limit: 0.1

%PASS - Slot 17 channel 7 at 6V on 6V range
Measured: 6.000 low limit: 5.9 high limit: 6.1

%PASS - Slot 17 channel 7 at 6V on 6V range
Measured: 6.000 low limit: 5.9 high limit: 6.1

%JOB_END - ****PASSED**** CTO_DIB External Calibration of slot 17 (C006B6E) at 12:49:27 PM

slot18_excal

%JOB_START - Beginning CUB External Calibration test on slot 18 at 12:36:41 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

%PASS - CALCUB Vforce external calibration test, -1 volts.
Measured: -0.9998 low limit: -1.200 high limit: -0.7999

%PASS - CALCUB Vforce external calibration test, 0 volts.
Measured: 0.0005854 low limit: -0.2000 high limit: 0.2000

%PASS - CALCUB Vforce external calibration test, 0 volts.
Measured: 0.0005587 low limit: -0.2000 high limit: 0.2000

%PASS - CALCUB Vforce external calibration test, 2 volts.
Measured: 2.000 low limit: 1.799 high limit: 2.200

%PASS - CALCUB Vforce external calibration test, 3 volts.
Measured: 3.000 low limit: 2.799 high limit: 3.200

%PASS - CALCUB Vforce external calibration test, 5 volts.
Measured: 5.000 low limit: 4.799 high limit: 5.200

%PASS - CALCUB Vforce external calibration test, 7 volts.
Measured: 7.000 low limit: 6.799 high limit: 7.200

%PASS - CALCUB Vforce external calibration test, 9 volts.
Measured: 9.000 low limit: 8.799 high limit: 9.200

%PASS - CALCUB Vforce external calibration test, 10 volts.
Measured: 10.000 low limit: 9.799 high limit: 10.200

%PASS - CALCUB Vforce external calibration test, 24 volts.
Measured: 24.000 low limit: 23.799 high limit: 24.200

%PASS - CALCUB Vforce external calibration test, -2 volts.
Measured: -1.999 low limit: -2.200 high limit: -1.799

%PASS - CALCUB Vforce external calibration test, -5 volts.
Measured: -4.999 low limit: -5.200 high limit: -4.799

%PASS - CALCUB Vforce external calibration test, -7 volts.
Measured: -6.999 low limit: -7.200 high limit: -6.799

%PASS - CALCUB Vforce external calibration test, -10 volts.
Measured: -9.999 low limit: -10.200 high limit: -9.799

%PASS - CALCUB Vforce external calibration test, -24 volts.
Measured: -23.999 low limit: -24.200 high limit: -23.799

%PASS - CALCUB Vforce external calibration test, -9 volts.
Measured: -8.999 low limit: -9.200 high limit: -8.799

%PASS - CALCUB Vforce external calibration test, 1 volts.
Measured: 1.000 low limit: 0.7999 high limit: 1.200

%PASS - CALCUB Vforce external calibration test, 19 volts.
Measured: 19.000 low limit: 18.799 high limit: 19.200

%PASS - CALCUB Vforce external calibration test, 21 volts.
Measured: 21.000 low limit: 20.799 high limit: 21.200

%PASS - CALCUB Vforce external calibration test, 4 volts.
Measured: 4.000 low limit: 3.799 high limit: 4.200

%PASS - CALCUB Vforce external calibration test, 6 volts.
Measured: 6.000 low limit: 5.799 high limit: 6.200

%PASS - CALCUB Vforce external calibration test, 20 volts.
Measured: 20.000 low limit: 19.799 high limit: 20.200

%PASS - CALCUB Vforce external calibration test, -19 volts.
Measured: -18.999 low limit: -19.200 high limit: -18.799

%PASS - CALCUB Vforce external calibration test, -20 volts.

Measured: -19.999 low limit: -20.200 high limit: -19.799

%PASS - CALCUB Vforce external calibration test, -21 volts.
Measured: -20.999 low limit: -21.200 high limit: -20.799

%PASS - CALCUB Vforce external calibration test, 23 volts.
Measured: 23.000 low limit: 22.799 high limit: 23.200

%PASS - CALCUB Vforce external calibration test, 22 volts.
Measured: 22.000 low limit: 21.799 high limit: 22.200

%PASS - CALCUB Vforce external calibration test, 18 volts.
Measured: 18.000 low limit: 17.799 high limit: 18.200

%PASS - CALCUB Vforce external calibration test, 17 volts.
Measured: 17.000 low limit: 16.799 high limit: 17.200

%PASS - CALCUB Vforce external calibration test, 16 volts.
Measured: 16.000 low limit: 15.799 high limit: 16.200

%PASS - CALCUB Vforce external calibration test, 15 volts.
Measured: 15.000 low limit: 14.799 high limit: 15.200

%PASS - CALCUB Vforce external calibration test, 14 volts.
Measured: 14.000 low limit: 13.799 high limit: 14.200

%PASS - CALCUB Vforce external calibration test, 13 volts.
Measured: 13.000 low limit: 12.799 high limit: 13.200

%PASS - CALCUB Vforce external calibration test, 12 volts.
Measured: 12.000 low limit: 11.799 high limit: 12.200

%PASS - CALCUB Vforce external calibration test, 11 volts.
Measured: 11.000 low limit: 10.799 high limit: 11.200

%PASS - CALCUB Vforce external calibration test, 8 volts.
Measured: 8.000 low limit: 7.799 high limit: 8.200

%PASS - CALCUB Vforce external calibration test, -3 volts.
Measured: -2.999 low limit: -3.200 high limit: -2.799

%PASS - CALCUB Vforce external calibration test, -4 volts.
Measured: -3.999 low limit: -4.200 high limit: -3.799

%PASS - CALCUB Vforce external calibration test, -6 volts.
Measured: -5.999 low limit: -6.200 high limit: -5.799

%PASS - CALCUB Vforce external calibration test, -8 volts.
Measured: -7.999 low limit: -8.200 high limit: -7.799

%PASS - CALCUB Vforce external calibration test, -11 volts.
Measured: -10.999 low limit: -11.200 high limit: -10.799

%PASS - CALCUB Vforce external calibration test, -12 volts.
Measured: -11.999 low limit: -12.200 high limit: -11.799

%PASS - CALCUB Vforce external calibration test, -13 volts.
Measured: -12.999 low limit: -13.200 high limit: -12.799

%PASS - CALCUB Vforce external calibration test, -14 volts.
Measured: -13.999 low limit: -14.200 high limit: -13.799

%PASS - CALCUB Vforce external calibration test, -15 volts.
Measured: -14.999 low limit: -15.200 high limit: -14.799

%PASS - CALCUB Vforce external calibration test, -16 volts.
Measured: -15.999 low limit: -16.200 high limit: -15.799

%PASS - CALCUB Vforce external calibration test, -17 volts.
Measured: -16.999 low limit: -17.200 high limit: -16.799

%PASS - CALCUB Vforce external calibration test, -18 volts.
Measured: -17.999 low limit: -18.200 high limit: -17.799

%PASS - CALCUB Vforce external calibration test, -22 volts.

Measured: -21.999 low limit: -22.200 high limit: -21.799

%PASS - CALCUB Vforce external calibration test, -23 volts.
Measured: -22.999 low limit: -23.200 high limit: -22.799

%PASS - CALCUB IForce external calibration test, 200 na.
Measured: 0.000002000 low limit: 1.998E-06 high limit: 2.001E-06

%PASS - CALCUB IForce external calibration test, 200 na.
Measured: -0.000001999 low limit: -2.001E-06 high limit: -1.998E-06

%PASS - CALCUB IForce external calibration test, 2 ua.
Measured: 0.00002000 low limit: 1.998E-05 high limit: 2.001E-05

%PASS - CALCUB IForce external calibration test, 2 ua.
Measured: -0.00002000 low limit: -2.001E-05 high limit: -1.998E-05

%PASS - CALCUB IForce external calibration test, 20 ua.
Measured: 0.0002000 low limit: 1.998E-04 high limit: 2.001E-04

%PASS - CALCUB IForce external calibration test, 20 ua.
Measured: -0.0002000 low limit: -2.001E-04 high limit: -1.998E-04

%PASS - CALCUB IForce external calibration test, 200 ua.
Measured: 0.002000 low limit: 1.998E-03 high limit: 2.001E-03

%PASS - CALCUB IForce external calibration test, 200 ua.
Measured: -0.001999 low limit: -2.001E-03 high limit: -1.998E-03

%PASS - CALCUB IForce external calibration test, 2 ma.
Measured: 0.01999 low limit: 1.998E-02 high limit: 2.001E-02

%PASS - CALCUB IForce external calibration test, 2 ma.
Measured: -0.01999 low limit: -2.001E-02 high limit: -1.998E-02

%PASS - CALCUB IForce external calibration test, 20 ma.
Measured: 0.1000 low limit: 9.990E-02 high limit: 0.1000

%PASS - CALCUB IForce external calibration test, 20 ma.
Measured: -0.09998 low limit: -0.1000 high limit: -9.990E-02

%PASS - CALCUB IForce external calibration test, 200 ma.
Measured: 0.1999 low limit: 0.1994 high limit: 0.2005

%PASS - CALCUB IForce external calibration test, 200 ma.
Measured: -0.1999 low limit: -0.2005 high limit: -0.1994

%PASS - Flash readback error of force DAC record 0
Measured: 8.697E-04 expected: 8.697E-04

%PASS - Flash readback error of external measurement record 0
Measured: 0.0005854 expected: 0.0005854

%PASS - Flash readback error of internal measurement record 0
Measured: -1.291E-04 expected: -1.291E-04

%PASS - Flash readback error of voltage flag record 0
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 1
Measured: 2.000 expected: 2.000

%PASS - Flash readback error of external measurement record 1
Measured: 2.000 expected: 2.000

%PASS - Flash readback error of internal measurement record 1
Measured: 1.997 expected: 1.997

%PASS - Flash readback error of voltage flag record 1
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 2
Measured: 5.001 expected: 5.001

%PASS - Flash readback error of external measurement record 2
Measured: 5.000 expected: 5.000

%PASS - Flash readback error of internal measurement record 2
Measured: 4.995 expected: 4.995

%PASS - Flash readback error of voltage flag record 2
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 3
Measured: 7.001 expected: 7.001

%PASS - Flash readback error of external measurement record 3
Measured: 7.000 expected: 7.000

%PASS - Flash readback error of internal measurement record 3
Measured: 6.994 expected: 6.994

%PASS - Flash readback error of voltage flag record 3
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 4
Measured: 10.001 expected: 10.001

%PASS - Flash readback error of external measurement record 4
Measured: 10.000 expected: 10.000

%PASS - Flash readback error of internal measurement record 4
Measured: 9.987 expected: 9.987

%PASS - Flash readback error of voltage flag record 4
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 5
Measured: 24.003 expected: 24.003

%PASS - Flash readback error of external measurement record 5
Measured: 24.000 expected: 24.000

%PASS - Flash readback error of internal measurement record 5

Measured: 23.978 expected: 23.978

%PASS - Flash readback error of voltage flag record 5
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 6
Measured: -1.999 expected: -1.999

%PASS - Flash readback error of external measurement record 6
Measured: -1.999 expected: -1.999

%PASS - Flash readback error of internal measurement record 6
Measured: -1.998 expected: -1.998

%PASS - Flash readback error of voltage flag record 6
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 7
Measured: -5.000 expected: -5.000

%PASS - Flash readback error of external measurement record 7
Measured: -4.999 expected: -4.999

%PASS - Flash readback error of internal measurement record 7
Measured: -4.997 expected: -4.997

%PASS - Flash readback error of voltage flag record 7
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 8
Measured: -7.001 expected: -7.001

%PASS - Flash readback error of external measurement record 8
Measured: -6.999 expected: -6.999

%PASS - Flash readback error of internal measurement record 8
Measured: -6.995 expected: -6.995

%PASS - Flash readback error of voltage flag record 8
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 9
Measured: -10.000 expected: -10.000

%PASS - Flash readback error of external measurement record 9
Measured: -9.999 expected: -9.999

%PASS - Flash readback error of internal measurement record 9
Measured: -9.995 expected: -9.995

%PASS - Flash readback error of voltage flag record 9
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 10
Measured: -24.002 expected: -24.002

%PASS - Flash readback error of external measurement record 10
Measured: -23.999 expected: -23.999

%PASS - Flash readback error of internal measurement record 10
Measured: -23.985 expected: -23.985

%PASS - Flash readback error of voltage flag record 10
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 11
Measured: 9999 expected: 9999

%PASS - Flash readback error of external measurement record 11
Measured: 0 expected: 0

%PASS - Flash readback error of internal measurement record 11
Measured: -4.234E-04 expected: -4.234E-04

%PASS - Flash readback error of voltage flag record 11
Measured: 0 expected: 0

%PASS - Flash readback error of force DAC record 12
Measured: 0.7939 expected: 0.7939

%PASS - Flash readback error of external measurement record 12
Measured: 0.2 expected: 0.2

%PASS - Flash readback error of internal measurement record 12
Measured: 0.1993 expected: 0.1993

%PASS - Flash readback error of voltage flag record 12
Measured: 0 expected: 0

%PASS - Flash readback error of force DAC record 13
Measured: 9999 expected: 9999

%PASS - Flash readback error of external measurement record 13
Measured: 0 expected: 0

%PASS - Flash readback error of internal measurement record 13
Measured: -3.961E-05 expected: -3.961E-05

%PASS - Flash readback error of voltage flag record 13
Measured: 0 expected: 0

%PASS - Flash readback error of force DAC record 14
Measured: 2.180 expected: 2.180

%PASS - Flash readback error of external measurement record 14
Measured: 0.02 expected: 0.02

%PASS - Flash readback error of internal measurement record 14
Measured: 2.000E-02 expected: 2.000E-02

%PASS - Flash readback error of voltage flag record 14
Measured: 0 expected: 0

%PASS - Flash readback error of force DAC record 15

Measured: 9999 expected: 9999

%PASS - Flash readback error of external measurement record 15
Measured: 0 expected: 0

%PASS - Flash readback error of internal measurement record 15
Measured: -4.066E-06 expected: -4.066E-06

%PASS - Flash readback error of voltage flag record 15
Measured: 0 expected: 0

%PASS - Flash readback error of force DAC record 16
Measured: 3.999 expected: 3.999

%PASS - Flash readback error of external measurement record 16
Measured: 0.002 expected: 0.002

%PASS - Flash readback error of internal measurement record 16
Measured: 1.994E-03 expected: 1.994E-03

%PASS - Flash readback error of voltage flag record 16
Measured: 0 expected: 0

%PASS - Flash readback error of force DAC record 17
Measured: 9999 expected: 9999

%PASS - Flash readback error of external measurement record 17
Measured: 0 expected: 0

%PASS - Flash readback error of internal measurement record 17
Measured: -3.770E-07 expected: -3.770E-07

%PASS - Flash readback error of voltage flag record 17
Measured: 0 expected: 0

%PASS - Flash readback error of force DAC record 18
Measured: 3.959 expected: 3.959

%PASS - Flash readback error of external measurement record 18
Measured: 0.0002 expected: 0.0002

%PASS - Flash readback error of internal measurement record 18
Measured: 1.994E-04 expected: 1.994E-04

%PASS - Flash readback error of voltage flag record 18
Measured: 0 expected: 0

%PASS - Flash readback error of force DAC record 19
Measured: 9999 expected: 9999

%PASS - Flash readback error of external measurement record 19
Measured: 0 expected: 0

%PASS - Flash readback error of internal measurement record 19
Measured: -3.956E-08 expected: -3.956E-08

%PASS - Flash readback error of voltage flag record 19
Measured: 0 expected: 0

%PASS - Flash readback error of force DAC record 20
Measured: 3.955 expected: 3.955

%PASS - Flash readback error of external measurement record 20
Measured: 0.00002 expected: 0.00002

%PASS - Flash readback error of internal measurement record 20
Measured: 1.994E-05 expected: 1.994E-05

%PASS - Flash readback error of voltage flag record 20
Measured: 0 expected: 0

%PASS - Flash readback error of force DAC record 21
Measured: 9999 expected: 9999

%PASS - Flash readback error of external measurement record 21
Measured: 0 expected: 0

%PASS - Flash readback error of internal measurement record 21
Measured: -3.788E-09 expected: -3.788E-09

%PASS - Flash readback error of voltage flag record 21
Measured: 0 expected: 0

%PASS - Flash readback error of force DAC record 22
Measured: 3.953 expected: 3.953

%PASS - Flash readback error of external measurement record 22
Measured: 0.000002 expected: 0.000002

%PASS - Flash readback error of internal measurement record 22
Measured: 1.994E-06 expected: 1.994E-06

%PASS - Flash readback error of voltage flag record 22
Measured: 0 expected: 0

%PASS - Flash readback error of force DAC record 23
Measured: 9999 expected: 9999

%PASS - Flash readback error of external measurement record 23
Measured: 0 expected: 0

%PASS - Flash readback error of internal measurement record 23
Measured: -3.980E-10 expected: -3.980E-10

%PASS - Flash readback error of voltage flag record 23
Measured: 0 expected: 0

%PASS - Flash readback error of force DAC record 24
Measured: 3.947 expected: 3.947

%PASS - Flash readback error of external measurement record 24
Measured: 0.0000002 expected: 0.0000002

%PASS - Flash readback error of internal measurement record 24

Measured: 1.995E-07 expected: 1.995E-07

%PASS - Flash readback error of voltage flag record 24
Measured: 0 expected: 0

%PASS - Flash readback error of force DAC record 25
Measured: 3.000 expected: 3.000

%PASS - Flash readback error of external measurement record 25
Measured: 3.000 expected: 3.000

%PASS - Flash readback error of internal measurement record 25
Measured: 2.997 expected: 2.997

%PASS - Flash readback error of voltage flag record 25
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 26
Measured: -0.9999 expected: -0.9999

%PASS - Flash readback error of external measurement record 26
Measured: -0.9998 expected: -0.9998

%PASS - Flash readback error of internal measurement record 26
Measured: -0.9996 expected: -0.9996

%PASS - Flash readback error of voltage flag record 26
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 27
Measured: 9.002 expected: 9.002

%PASS - Flash readback error of external measurement record 27
Measured: 9.000 expected: 9.000

%PASS - Flash readback error of internal measurement record 27
Measured: 8.993 expected: 8.993

%PASS - Flash readback error of voltage flag record 27
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 28
Measured: 9999 expected: 9999

%PASS - Flash readback error of external measurement record 28
Measured: 0.0005587 expected: 0.0005587

%PASS - Flash readback error of internal measurement record 28
Measured: -2.441E-03 expected: -2.441E-03

%PASS - Flash readback error of voltage flag record 28
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 29
Measured: -9.001 expected: -9.001

%PASS - Flash readback error of external measurement record 29
Measured: -8.999 expected: -8.999

%PASS - Flash readback error of internal measurement record 29
Measured: -8.994 expected: -8.994

%PASS - Flash readback error of voltage flag record 29
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 30
Measured: 1.000 expected: 1.000

%PASS - Flash readback error of external measurement record 30
Measured: 1.000 expected: 1.000

%PASS - Flash readback error of internal measurement record 30
Measured: 0.9988 expected: 0.9988

%PASS - Flash readback error of voltage flag record 30
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 31
Measured: 19.002 expected: 19.002

%PASS - Flash readback error of external measurement record 31
Measured: 19.000 expected: 19.000

%PASS - Flash readback error of internal measurement record 31
Measured: 18.982 expected: 18.982

%PASS - Flash readback error of voltage flag record 31
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 32
Measured: 21.002 expected: 21.002

%PASS - Flash readback error of external measurement record 32
Measured: 21.000 expected: 21.000

%PASS - Flash readback error of internal measurement record 32
Measured: 20.980 expected: 20.980

%PASS - Flash readback error of voltage flag record 32
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 33
Measured: 4.001 expected: 4.001

%PASS - Flash readback error of external measurement record 33
Measured: 4.000 expected: 4.000

%PASS - Flash readback error of internal measurement record 33
Measured: 3.996 expected: 3.996

%PASS - Flash readback error of voltage flag record 33
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 34

Measured: 6.001 expected: 6.001

%PASS - Flash readback error of external measurement record 34
Measured: 6.000 expected: 6.000

%PASS - Flash readback error of internal measurement record 34
Measured: 5.995 expected: 5.995

%PASS - Flash readback error of voltage flag record 34
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 35
Measured: 20.002 expected: 20.002

%PASS - Flash readback error of external measurement record 35
Measured: 20.000 expected: 20.000

%PASS - Flash readback error of internal measurement record 35
Measured: 19.980 expected: 19.980

%PASS - Flash readback error of voltage flag record 35
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 36
Measured: -19.001 expected: -19.001

%PASS - Flash readback error of external measurement record 36
Measured: -18.999 expected: -18.999

%PASS - Flash readback error of internal measurement record 36
Measured: -18.989 expected: -18.989

%PASS - Flash readback error of voltage flag record 36
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 37
Measured: -20.001 expected: -20.001

%PASS - Flash readback error of external measurement record 37
Measured: -19.999 expected: -19.999

%PASS - Flash readback error of internal measurement record 37
Measured: -19.988 expected: -19.988

%PASS - Flash readback error of voltage flag record 37
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 38
Measured: -21.001 expected: -21.001

%PASS - Flash readback error of external measurement record 38
Measured: -20.999 expected: -20.999

%PASS - Flash readback error of internal measurement record 38
Measured: -20.987 expected: -20.987

%PASS - Flash readback error of voltage flag record 38
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 39
Measured: 23.003 expected: 23.003

%PASS - Flash readback error of external measurement record 39
Measured: 23.000 expected: 23.000

%PASS - Flash readback error of internal measurement record 39
Measured: 22.979 expected: 22.979

%PASS - Flash readback error of voltage flag record 39
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 40
Measured: 22.003 expected: 22.003

%PASS - Flash readback error of external measurement record 40
Measured: 22.000 expected: 22.000

%PASS - Flash readback error of internal measurement record 40
Measured: 21.979 expected: 21.979

%PASS - Flash readback error of voltage flag record 40
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 41
Measured: 18.002 expected: 18.002

%PASS - Flash readback error of external measurement record 41
Measured: 18.000 expected: 18.000

%PASS - Flash readback error of internal measurement record 41
Measured: 17.983 expected: 17.983

%PASS - Flash readback error of voltage flag record 41
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 42
Measured: 17.002 expected: 17.002

%PASS - Flash readback error of external measurement record 42
Measured: 17.000 expected: 17.000

%PASS - Flash readback error of internal measurement record 42
Measured: 16.983 expected: 16.983

%PASS - Flash readback error of voltage flag record 42
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 43
Measured: 16.002 expected: 16.002

%PASS - Flash readback error of external measurement record 43
Measured: 16.000 expected: 16.000

%PASS - Flash readback error of internal measurement record 43

Measured: 15.984 expected: 15.984

%PASS - Flash readback error of voltage flag record 43
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 44
Measured: 15.002 expected: 15.002

%PASS - Flash readback error of external measurement record 44
Measured: 15.000 expected: 15.000

%PASS - Flash readback error of internal measurement record 44
Measured: 14.984 expected: 14.984

%PASS - Flash readback error of voltage flag record 44
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 45
Measured: 14.002 expected: 14.002

%PASS - Flash readback error of external measurement record 45
Measured: 14.000 expected: 14.000

%PASS - Flash readback error of internal measurement record 45
Measured: 13.986 expected: 13.986

%PASS - Flash readback error of voltage flag record 45
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 46
Measured: 13.002 expected: 13.002

%PASS - Flash readback error of external measurement record 46
Measured: 13.000 expected: 13.000

%PASS - Flash readback error of internal measurement record 46
Measured: 12.986 expected: 12.986

%PASS - Flash readback error of voltage flag record 46
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 47
Measured: 12.002 expected: 12.002

%PASS - Flash readback error of external measurement record 47
Measured: 12.000 expected: 12.000

%PASS - Flash readback error of internal measurement record 47
Measured: 11.986 expected: 11.986

%PASS - Flash readback error of voltage flag record 47
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 48
Measured: 11.001 expected: 11.001

%PASS - Flash readback error of external measurement record 48
Measured: 11.000 expected: 11.000

%PASS - Flash readback error of internal measurement record 48
Measured: 10.987 expected: 10.987

%PASS - Flash readback error of voltage flag record 48
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 49
Measured: 8.002 expected: 8.002

%PASS - Flash readback error of external measurement record 49
Measured: 8.000 expected: 8.000

%PASS - Flash readback error of internal measurement record 49
Measured: 7.993 expected: 7.993

%PASS - Flash readback error of voltage flag record 49
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 50
Measured: -2.999 expected: -2.999

%PASS - Flash readback error of external measurement record 50
Measured: -2.999 expected: -2.999

%PASS - Flash readback error of internal measurement record 50
Measured: -2.998 expected: -2.998

%PASS - Flash readback error of voltage flag record 50
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 51
Measured: -4.000 expected: -4.000

%PASS - Flash readback error of external measurement record 51
Measured: -3.999 expected: -3.999

%PASS - Flash readback error of internal measurement record 51
Measured: -3.997 expected: -3.997

%PASS - Flash readback error of voltage flag record 51
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 52
Measured: -6.000 expected: -6.000

%PASS - Flash readback error of external measurement record 52
Measured: -5.999 expected: -5.999

%PASS - Flash readback error of internal measurement record 52
Measured: -5.996 expected: -5.996

%PASS - Flash readback error of voltage flag record 52
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 53

Measured: -8.000 expected: -8.000

%PASS - Flash readback error of external measurement record 53
Measured: -7.999 expected: -7.999

%PASS - Flash readback error of internal measurement record 53
Measured: -7.995 expected: -7.995

%PASS - Flash readback error of voltage flag record 53
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 54
Measured: -11.000 expected: -11.000

%PASS - Flash readback error of external measurement record 54
Measured: -10.999 expected: -10.999

%PASS - Flash readback error of internal measurement record 54
Measured: -10.993 expected: -10.993

%PASS - Flash readback error of voltage flag record 54
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 55
Measured: -12.000 expected: -12.000

%PASS - Flash readback error of external measurement record 55
Measured: -11.999 expected: -11.999

%PASS - Flash readback error of internal measurement record 55
Measured: -11.993 expected: -11.993

%PASS - Flash readback error of voltage flag record 55
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 56
Measured: -13.000 expected: -13.000

%PASS - Flash readback error of external measurement record 56
Measured: -12.999 expected: -12.999

%PASS - Flash readback error of internal measurement record 56
Measured: -12.992 expected: -12.992

%PASS - Flash readback error of voltage flag record 56
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 57
Measured: -14.001 expected: -14.001

%PASS - Flash readback error of external measurement record 57
Measured: -13.999 expected: -13.999

%PASS - Flash readback error of internal measurement record 57
Measured: -13.992 expected: -13.992

%PASS - Flash readback error of voltage flag record 57
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 58
Measured: -15.001 expected: -15.001

%PASS - Flash readback error of external measurement record 58
Measured: -14.999 expected: -14.999

%PASS - Flash readback error of internal measurement record 58
Measured: -14.991 expected: -14.991

%PASS - Flash readback error of voltage flag record 58
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 59
Measured: -16.001 expected: -16.001

%PASS - Flash readback error of external measurement record 59
Measured: -15.999 expected: -15.999

%PASS - Flash readback error of internal measurement record 59
Measured: -15.990 expected: -15.990

%PASS - Flash readback error of voltage flag record 59
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 60
Measured: -17.001 expected: -17.001

%PASS - Flash readback error of external measurement record 60
Measured: -16.999 expected: -16.999

%PASS - Flash readback error of internal measurement record 60
Measured: -16.989 expected: -16.989

%PASS - Flash readback error of voltage flag record 60
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 61
Measured: -18.001 expected: -18.001

%PASS - Flash readback error of external measurement record 61
Measured: -17.999 expected: -17.999

%PASS - Flash readback error of internal measurement record 61
Measured: -17.989 expected: -17.989

%PASS - Flash readback error of voltage flag record 61
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 62
Measured: -22.001 expected: -22.001

%PASS - Flash readback error of external measurement record 62
Measured: -21.999 expected: -21.999

%PASS - Flash readback error of internal measurement record 62

Measured: -21.986 expected: -21.986

%PASS - Flash readback error of voltage flag record 62
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 63
Measured: -23.001 expected: -23.001

%PASS - Flash readback error of external measurement record 63
Measured: -22.999 expected: -22.999

%PASS - Flash readback error of internal measurement record 63
Measured: -22.985 expected: -22.985

%PASS - Flash readback error of voltage flag record 63
Measured: 1 expected: 1

%PASS - Flash readback error of force DAC record 64
Measured: 9999 expected: 9999

%PASS - Flash readback error of external measurement record 64
Measured: 9999 expected: 9999

%PASS - Flash readback error of internal measurement record 64
Measured: 9999 expected: 9999

%PASS - Flash readback error of voltage flag record 64
Measured: 9999 expected: 9999

%PASS - Flash readback error of force DAC record 65
Measured: 9999 expected: 9999

%PASS - Flash readback error of external measurement record 65
Measured: 9999 expected: 9999

%PASS - Flash readback error of internal measurement record 65
Measured: 9999 expected: 9999

%PASS - Flash readback error of voltage flag record 65
Measured: 9999 expected: 9999

%PASS - Flash readback error of force DAC record 66
Measured: 9999 expected: 9999

%PASS - Flash readback error of external measurement record 66
Measured: 9999 expected: 9999

%PASS - Flash readback error of internal measurement record 66
Measured: 9999 expected: 9999

%PASS - Flash readback error of voltage flag record 66
Measured: 9999 expected: 9999

%PASS - Flash readback error of force DAC record 67
Measured: 9999 expected: 9999

%PASS - Flash readback error of external measurement record 67
Measured: 9999 expected: 9999

%PASS - Flash readback error of internal measurement record 67
Measured: 9999 expected: 9999

%PASS - Flash readback error of voltage flag record 67
Measured: 9999 expected: 9999

%PASS - Flash readback error of force DAC record 68
Measured: 9999 expected: 9999

%PASS - Flash readback error of external measurement record 68
Measured: 9999 expected: 9999

%PASS - Flash readback error of internal measurement record 68
Measured: 9999 expected: 9999

%PASS - Flash readback error of voltage flag record 68
Measured: 9999 expected: 9999

%PASS - Flash readback error of force DAC record 69
Measured: 9999 expected: 9999

%PASS - Flash readback error of external measurement record 69
Measured: 9999 expected: 9999

%PASS - Flash readback error of internal measurement record 69
Measured: 9999 expected: 9999

%PASS - Flash readback error of voltage flag record 69
Measured: 9999 expected: 9999

%PASS - Flash readback error of force DAC record 70
Measured: 9999 expected: 9999

%PASS - Flash readback error of external measurement record 70
Measured: 9999 expected: 9999

%PASS - Flash readback error of internal measurement record 70
Measured: 9999 expected: 9999

%PASS - Flash readback error of voltage flag record 70
Measured: 9999 expected: 9999

%PASS - Flash readback error of force DAC record 71
Measured: 9999 expected: 9999

%PASS - Flash readback error of external measurement record 71
Measured: 9999 expected: 9999

%PASS - Flash readback error of internal measurement record 71
Measured: 9999 expected: 9999

%PASS - Flash readback error of voltage flag record 71
Measured: 9999 expected: 9999

%PASS - Flash readback error of force DAC record 72

Measured: 9999 expected: 9999

%PASS - Flash readback error of external measurement record 72
Measured: 9999 expected: 9999

%PASS - Flash readback error of internal measurement record 72
Measured: 9999 expected: 9999

%PASS - Flash readback error of voltage flag record 72
Measured: 9999 expected: 9999

%PASS - Flash readback error of force DAC record 73
Measured: 9999 expected: 9999

%PASS - Flash readback error of external measurement record 73
Measured: 9999 expected: 9999

%PASS - Flash readback error of internal measurement record 73
Measured: 9999 expected: 9999

%PASS - Flash readback error of voltage flag record 73
Measured: 9999 expected: 9999

%PASS - Flash readback error of force DAC record 74
Measured: 9999 expected: 9999

%PASS - Flash readback error of external measurement record 74
Measured: 9999 expected: 9999

%PASS - Flash readback error of internal measurement record 74
Measured: 9999 expected: 9999

%PASS - Flash readback error of voltage flag record 74
Measured: 9999 expected: 9999

%JOB_END - ****PASSED**** CUB External Calibration of slot 18 (C33C201) at 12:44:24 PM

slot18_expv

%JOB_START - Beginning CUB External Verification test on slot 18 at 1:28:49 PM on 2/29/2020
Workbook Rev V7.30.12_0835_MOUT IG-XL Version: 3.40.13 DIB # 3058029 Rev 1137A

- Performing source and measure voltage verification...

%PASS - CALCUB test of source voltage at -24V
Measured: -23.999649 low limit: -24.005417 high limit: -23.994582

%PASS - CALCUB test of voltage measure at -24V
Measured: -24.000572 low limit: -24.002701 high limit: -23.996597

%PASS - CALCUB test of source voltage at -23V
Measured: -22.999554 low limit: -23.005217 high limit: -22.994782

%PASS - CALCUB test of voltage measure at -23V
Measured: -23.000519 low limit: -23.002606 high limit: -22.996502

%PASS - CALCUB test of source voltage at -22V
Measured: -21.999369 low limit: -22.005017 high limit: -21.994982

%PASS - CALCUB test of voltage measure at -22V
Measured: -22.000080 low limit: -22.002421 high limit: -21.996317

%PASS - CALCUB test of source voltage at -21V
Measured: -20.999698 low limit: -21.004817 high limit: -20.995182

%PASS - CALCUB test of voltage measure at -21V
Measured: -21.000221 low limit: -21.002750 high limit: -20.996646

%PASS - CALCUB test of source voltage at -20V
Measured: -19.999842 low limit: -20.004617 high limit: -19.995382

%PASS - CALCUB test of voltage measure at -20V
Measured: -20.000439 low limit: -20.002894 high limit: -19.996790

%PASS - CALCUB test of source voltage at -19V

Measured: -18.999969 low limit: -19.004417 high limit: -18.995582

%PASS - CALCUB test of voltage measure at -19V
Measured: -19.000644 low limit: -19.003021 high limit: -18.996917

%PASS - CALCUB test of source voltage at -18V
Measured: -17.999851 low limit: -18.004217 high limit: -17.995782

%PASS - CALCUB test of voltage measure at -18V
Measured: -18.000510 low limit: -18.002902 high limit: -17.996799

%PASS - CALCUB test of source voltage at -17V
Measured: -16.999600 low limit: -17.004017 high limit: -16.995982

%PASS - CALCUB test of voltage measure at -17V
Measured: -17.000165 low limit: -17.002652 high limit: -16.996548

%PASS - CALCUB test of source voltage at -16V
Measured: -16.000171 low limit: -16.003817 high limit: -15.996182

%PASS - CALCUB test of voltage measure at -16V
Measured: -16.000722 low limit: -16.003223 high limit: -15.997119

%PASS - CALCUB test of source voltage at -15V
Measured: -14.999984 low limit: -15.003617 high limit: -14.996382

%PASS - CALCUB test of voltage measure at -15V
Measured: -15.000522 low limit: -15.003036 high limit: -14.996932

%PASS - CALCUB test of source voltage at -14V
Measured: -13.999738 low limit: -14.003417 high limit: -13.996582

%PASS - CALCUB test of voltage measure at -14V
Measured: -14.000260 low limit: -14.002790 high limit: -13.996686

%PASS - CALCUB test of source voltage at -13V
Measured: -12.999564 low limit: -13.003217 high limit: -12.996782

%PASS - CALCUB test of voltage measure at -13V
Measured: -12.999980 low limit: -13.002616 high limit: -12.996512

%PASS - CALCUB test of source voltage at -12V
Measured: -11.999819 low limit: -12.003017 high limit: -11.996982

%PASS - CALCUB test of voltage measure at -12V
Measured: -12.000278 low limit: -12.002871 high limit: -11.996767

%PASS - CALCUB test of source voltage at -11V
Measured: -10.999995 low limit: -11.002817 high limit: -10.997182

%PASS - CALCUB test of voltage measure at -11V
Measured: -11.000502 low limit: -11.003047 high limit: -10.996944

%PASS - CALCUB test of source voltage at -10V
Measured: -9.999848 low limit: -10.002617 high limit: -9.997382

%PASS - CALCUB test of voltage measure at -10V
Measured: -10.000047 low limit: -10.002900 high limit: -9.996796

%PASS - CALCUB test of source voltage at -9V
Measured: -8.999806 low limit: -9.002417 high limit: -8.997582

%PASS - CALCUB test of voltage measure at -9V
Measured: -8.999950 low limit: -9.000569 high limit: -8.999043

%PASS - CALCUB test of source voltage at -8V
Measured: -7.999661 low limit: -8.002217 high limit: -7.997782

%PASS - CALCUB test of voltage measure at -8V
Measured: -7.999788 low limit: -8.000424 high limit: -7.998898

%PASS - CALCUB test of source voltage at -7V
Measured: -7.000368 low limit: -7.002017 high limit: -6.997982

%PASS - CALCUB test of voltage measure at -7V
Measured: -7.000447 low limit: -7.001131 high limit: -6.999605

%PASS - CALCUB test of source voltage at -6V
Measured: -6.000247 low limit: -6.001817 high limit: -5.998182

%PASS - CALCUB test of voltage measure at -6V
Measured: -6.000308 low limit: -6.001010 high limit: -5.999484

%PASS - CALCUB test of source voltage at -5V
Measured: -5.000094 low limit: -5.001617 high limit: -4.998382

%PASS - CALCUB test of voltage measure at -5V
Measured: -5.000149 low limit: -5.000857 high limit: -4.999331

%PASS - CALCUB test of source voltage at -4V
Measured: -3.999914 low limit: -4.001417 high limit: -3.998582

%PASS - CALCUB test of voltage measure at -4V
Measured: -3.999993 low limit: -4.000677 high limit: -3.999151

%PASS - CALCUB test of source voltage at -3V
Measured: -2.999823 low limit: -3.001217 high limit: -2.998782

%PASS - CALCUB test of voltage measure at -3V
Measured: -2.999886 low limit: -3.000586 high limit: -2.999060

%PASS - CALCUB test of source voltage at -2V
Measured: -2.000060 low limit: -2.001017 high limit: -1.998982

%PASS - CALCUB test of voltage measure at -2V
Measured: -2.000096 low limit: -2.000823 high limit: -1.999297

%PASS - CALCUB test of source voltage at -2V at 200mA
Measured: -1.999589 low limit: -2.001235 high limit: -1.998764

%PASS - CALCUB test of source voltage at -1V
Measured: -0.9998976 low limit: -1.000817 high limit: -0.9991820

%PASS - CALCUB test of voltage measure at -1V

Measured: -0.9999546 low limit: -1.000660 high limit: -0.9991346

%PASS - CALCUB test of source voltage at 0V
Measured: 0.0002136525 low limit: -6.179903E-04 high limit: 6.179903E-04

%PASS - CALCUB test of voltage measure at 0V
Measured: 2.482238E-04 low limit: -5.493101E-04 high limit: 9.766152E-04

%PASS - CALCUB test of source voltage at 1V
Measured: 0.9999344 low limit: 0.9991820 high limit: 1.000817

%PASS - CALCUB test of voltage measure at 1V
Measured: 0.9998260 low limit: 0.9991715 high limit: 1.000697

%PASS - CALCUB test of source voltage at 2V
Measured: 1.999632 low limit: 1.998982 high limit: 2.001017

%PASS - CALCUB test of voltage measure at 2V
Measured: 1.999593 low limit: 1.998869 high limit: 2.000395

%PASS - CALCUB test of source voltage at 2V at 200mA
Measured: 1.999201 low limit: 1.998764 high limit: 2.001235

%PASS - CALCUB test of source voltage at 3V
Measured: 2.999777 low limit: 2.998782 high limit: 3.001217

%PASS - CALCUB test of voltage measure at 3V
Measured: 2.999734 low limit: 2.999014 high limit: 3.000540

%PASS - CALCUB test of source voltage at 3V with DGS perturbed high
Measured: 3.175125 low limit: 3.1 high limit: 3.3

%PASS - CALCUB test of voltage measure at 3V with DGS perturbed high
Measured: 2.999741 low limit: 2.999014 high limit: 3.000540

%PASS - CALCUB test of source voltage at 3V with DGS perturbed low
Measured: 2.783715 low limit: 2.7 high limit: 2.9

%PASS - CALCUB test of voltage measure at 3V with DGS perturbed low
Measured: 2.999715 low limit: 2.999014 high limit: 3.000540

%PASS - CALCUB test of source voltage at 4V
Measured: 3.999751 low limit: 3.998582 high limit: 4.001417

%PASS - CALCUB test of voltage measure at 4V
Measured: 3.999753 low limit: 3.998988 high limit: 4.000514

%PASS - CALCUB test of source voltage at 5V
Measured: 4.999870 low limit: 4.998382 high limit: 5.001617

%PASS - CALCUB test of voltage measure at 5V
Measured: 4.999862 low limit: 4.999107 high limit: 5.000633

%PASS - CALCUB test of source voltage at 6V
Measured: 6.000016 low limit: 5.998182 high limit: 6.001817

%PASS - CALCUB test of voltage measure at 6V
Measured: 6.000045 low limit: 5.999253 high limit: 6.000779

%PASS - CALCUB test of source voltage at 7V
Measured: 6.999647 low limit: 6.997982 high limit: 7.002017

%PASS - CALCUB test of voltage measure at 7V
Measured: 6.999645 low limit: 6.998884 high limit: 7.000410

%PASS - CALCUB test of source voltage at 8V
Measured: 7.999780 low limit: 7.997782 high limit: 8.002217

%PASS - CALCUB test of voltage measure at 8V
Measured: 7.999870 low limit: 7.999017 high limit: 8.000543

%PASS - CALCUB test of source voltage at 9V
Measured: 8.999881 low limit: 8.997582 high limit: 9.002417

%PASS - CALCUB test of voltage measure at 9V
Measured: 8.999913 low limit: 8.999118 high limit: 9.000644

%PASS - CALCUB test of source voltage at 10V
Measured: 9.999948 low limit: 9.997382 high limit: 10.002617

%PASS - CALCUB test of voltage measure at 10V
Measured: 9.999784 low limit: 9.996897 high limit: 10.003000

%PASS - CALCUB test of source voltage at 11V
Measured: 10.999689 low limit: 10.997182 high limit: 11.002817

%PASS - CALCUB test of voltage measure at 11V
Measured: 10.999395 low limit: 10.996637 high limit: 11.002740

%PASS - CALCUB test of source voltage at 12V
Measured: 11.999905 low limit: 11.996982 high limit: 12.003017

%PASS - CALCUB test of voltage measure at 12V
Measured: 11.999711 low limit: 11.996853 high limit: 12.002957

%PASS - CALCUB test of source voltage at 13V
Measured: 13.000006 low limit: 12.996782 high limit: 13.003217

%PASS - CALCUB test of voltage measure at 13V
Measured: 12.999861 low limit: 12.996954 high limit: 13.003058

%PASS - CALCUB test of source voltage at 14V
Measured: 14.000198 low limit: 13.996582 high limit: 14.003417

%PASS - CALCUB test of voltage measure at 14V
Measured: 13.999945 low limit: 13.997147 high limit: 14.003250

%PASS - CALCUB test of source voltage at 15V
Measured: 14.999985 low limit: 14.996382 high limit: 15.003617

%PASS - CALCUB test of voltage measure at 15V
Measured: 14.999739 low limit: 14.996933 high limit: 15.003036

%PASS - CALCUB test of source voltage at 16V

Measured: 15.999727 low limit: 15.996182 high limit: 16.003817

%PASS - CALCUB test of voltage measure at 16V
Measured: 15.999486 low limit: 15.996675 high limit: 16.002779

%PASS - CALCUB test of source voltage at 17V
Measured: 16.999958 low limit: 16.995982 high limit: 17.004017

%PASS - CALCUB test of voltage measure at 17V
Measured: 16.999665 low limit: 16.996906 high limit: 17.003010

%PASS - CALCUB test of source voltage at 18V
Measured: 17.999764 low limit: 17.995782 high limit: 18.004217

%PASS - CALCUB test of voltage measure at 18V
Measured: 17.999611 low limit: 17.996712 high limit: 18.002816

%PASS - CALCUB test of source voltage at 19V
Measured: 18.999886 low limit: 18.995582 high limit: 19.004417

%PASS - CALCUB test of voltage measure at 19V
Measured: 18.999803 low limit: 18.996834 high limit: 19.002937

%PASS - CALCUB test of source voltage at 20V
Measured: 19.999729 low limit: 19.995382 high limit: 20.004617

%PASS - CALCUB test of voltage measure at 20V
Measured: 19.999731 low limit: 19.996677 high limit: 20.002781

%PASS - CALCUB test of source voltage at 21V
Measured: 20.999562 low limit: 20.995182 high limit: 21.004817

%PASS - CALCUB test of voltage measure at 21V
Measured: 20.999366 low limit: 20.996510 high limit: 21.002614

%PASS - CALCUB test of source voltage at 22V
Measured: 21.999795 low limit: 21.994982 high limit: 22.005017

%PASS - CALCUB test of voltage measure at 22V
Measured: 21.999566 low limit: 21.996743 high limit: 22.002847

%PASS - CALCUB test of source voltage at 23V
Measured: 22.999964 low limit: 22.994782 high limit: 23.005217

%PASS - CALCUB test of voltage measure at 23V
Measured: 22.999688 low limit: 22.996912 high limit: 23.003016

%PASS - CALCUB test of source voltage at 24V
Measured: 24.000164 low limit: 23.994582 high limit: 24.005417

%PASS - CALCUB test of voltage measure at 24V
Measured: 23.999947 low limit: 23.997112 high limit: 24.003216

- Performing current measure verification...

%PASS - CALCUB test of current measure at -0.00002468092591mA with 2Mohm source impedance
Measured: -2.4820E-05 low limit: -2.5901E-05 high limit: -2.3460E-05

%PASS - CALCUB test of current measure at 0.00002500441987mA with 2Mohm source impedance
Measured: 2.4584E-05 low limit: 2.3783E-05 high limit: 2.6225E-05

%PASS - CALCUB test of current measure at -0.00004977972557mA with 2Mohm source impedance
Measured: -4.9487E-05 low limit: -5.1000E-05 high limit: -4.8558E-05

%PASS - CALCUB test of current measure at 0.00004957350735mA with 2Mohm source impedance
Measured: 4.9384E-05 low limit: 4.8352E-05 high limit: 5.0794E-05

%PASS - CALCUB test of current measure at -0.00009941744983mA with 2Mohm source impedance
Measured: -9.9253E-05 low limit: -1.0063E-04 high limit: -9.8196E-05

%PASS - CALCUB test of current measure at 0.00009935137754mA with 2Mohm source impedance

Measured: 9.9132E-05 low limit: 9.8130E-05 high limit: 1.0057E-04

%PASS - CALCUB test of current measure at -0.0001987761072mA with 2Mohm source impedance

Measured: -1.9875E-04 low limit: -1.9999E-04 high limit: -1.9755E-04

%PASS - CALCUB test of current measure at 0.0001985662555mA with 2Mohm source impedance

Measured: 1.9866E-04 low limit: 1.9734E-04 high limit: 1.9978E-04

%PASS - CALCUB test of current measure at -0.0004970194374mA with 2Mohm source impedance

Measured: -4.9684E-04 low limit: -4.9824E-04 high limit: -4.9579E-04

%PASS - CALCUB test of current measure at 0.0004970113975mA with 2Mohm source impedance

Measured: 4.9675E-04 low limit: 4.9579E-04 high limit: 4.9823E-04

%PASS - CALCUB test of current measure at -0.001013903744mA with 2Mohm source impedance

Measured: -1.0137E-03 low limit: -1.0151E-03 high limit: -1.0126E-03

%PASS - CALCUB test of current measure at 0.001013476189mA with 2Mohm source impedance

Measured: 1.0133E-03 low limit: 1.0122E-03 high limit: 1.0146E-03

%PASS - CALCUB test of current measure at -0.002027694845mA with 2Mohm source impedance

Measured: -2.0273E-03 low limit: -2.0289E-03 high limit: -2.0264E-03

%PASS - CALCUB test of current measure at 0.002027341315mA with 2Mohm source impedance

Measured: 2.0270E-03 low limit: 2.0261E-03 high limit: 2.0285E-03

%PASS - CALCUB test of current measure at -0.0002072745527mA with 200Kohm source impedance

Measured: -2.0664E-04 low limit: -2.1948E-04 high limit: -1.9506E-04

%PASS - CALCUB test of current measure at 0.0002068713674mA with 200Kohm source impedance

Measured: 2.0456E-04 low limit: 1.9466E-04 high limit: 2.1907E-04

%PASS - CALCUB test of current measure at -0.000413790949mA with 200Kohm source impedance

Measured: -4.1231E-04 low limit: -4.2599E-04 high limit: -4.0158E-04

%PASS - CALCUB test of current measure at 0.0004133684239mA with 200Kohm source impedance

Measured: 4.1110E-04 low limit: 4.0116E-04 high limit: 4.2557E-04

%PASS - CALCUB test of current measure at -0.0009898511013mA with 200Kohm source impedance

Measured: -9.8845E-04 low limit: -1.0020E-03 high limit: -9.7764E-04

%PASS - CALCUB test of current measure at 0.000989311014mA with 200Kohm source impedance

Measured: 9.8737E-04 low limit: 9.7710E-04 high limit: 1.0015E-03

%PASS - CALCUB test of current measure at -0.001980283895mA with 200Kohm source impedance

Measured: -1.9797E-03 low limit: -1.9924E-03 high limit: -1.9680E-03

%PASS - CALCUB test of current measure at 0.001979912661mA with 200Kohm source impedance

Measured: 1.9782E-03 low limit: 1.9677E-03 high limit: 1.9921E-03

%PASS - CALCUB test of current measure at -0.004948399732mA with 200Kohm source impedance

Measured: -4.9483E-03 low limit: -4.9606E-03 high limit: -4.9361E-03

%PASS - CALCUB test of current measure at 0.004947638011mA with 200Kohm source impedance

Measured: 4.9468E-03 low limit: 4.9354E-03 high limit: 4.9598E-03

%PASS - CALCUB test of current measure at -0.01012063804mA with 200Kohm source impedance

Measured: -1.0121E-02 low limit: -1.0132E-02 high limit: -1.0108E-02

%PASS - CALCUB test of current measure at 0.01011730018mA with 200Kohm source impedance

Measured: 1.0117E-02 low limit: 1.0105E-02 high limit: 1.0129E-02

%PASS - CALCUB test of current measure at -0.02024015925mA with 200Kohm source impedance

Measured: -2.0240E-02 low limit: -2.0252E-02 high limit: -2.0227E-02

%PASS - CALCUB test of current measure at 0.02023900767mA with 200Kohm source impedance

Measured: 2.0238E-02 low limit: 2.0226E-02 high limit: 2.0251E-02

%PASS - CALCUB test of current measure at -0.002000954823mA with 20Kohm source impedance

Measured: -1.9926E-03 low limit: -2.1230E-03 high limit: -1.8788E-03

%PASS - CALCUB test of current measure at 0.001996335034mA with 20Kohm source impedance

Measured: 1.9732E-03 low limit: 1.8742E-03 high limit: 2.1184E-03

%PASS - CALCUB test of current measure at -0.003992997153mA with 20Kohm source impedance

Measured: -3.9781E-03 low limit: -4.1150E-03 high limit: -3.8709E-03

%PASS - CALCUB test of current measure at 0.003989006415mA with 20Kohm source impedance

Measured: 3.9725E-03 low limit: 3.8669E-03 high limit: 4.1110E-03

%PASS - CALCUB test of current measure at -0.009722069096mA with 20Kohm source impedance

Measured: -9.7021E-03 low limit: -9.8441E-03 high limit: -9.5999E-03

%PASS - CALCUB test of current measure at 0.009716591557mA with 20Kohm source impedance

Measured: 9.6938E-03 low limit: 9.5945E-03 high limit: 9.8386E-03

%PASS - CALCUB test of current measure at -0.01945339037mA with 20Kohm source impedance

Measured: -1.9437E-02 low limit: -0.019575 high limit: -0.019331

%PASS - CALCUB test of current measure at 0.01944745473mA with 20Kohm source impedance

Measured: 1.9430E-02 low limit: 0.019325 high limit: 0.019569

%PASS - CALCUB test of current measure at -0.0486103984mA with 20Kohm source impedance

Measured: -4.8606E-02 low limit: -0.048732 high limit: -0.048488

%PASS - CALCUB test of current measure at 0.04860142029mA with 20Kohm source impedance

Measured: 4.8591E-02 low limit: 0.048479 high limit: 0.048723

%PASS - CALCUB test of current measure at -0.1011545909mA with 20Kohm source impedance

Measured: -0.10115 low limit: -0.10127 high limit: -0.10103

%PASS - CALCUB test of current measure at 0.1011232489mA with 20Kohm source impedance

Measured: 0.10111 low limit: 0.10100 high limit: 0.10124

%PASS - CALCUB test of current measure at -0.202294519mA with 20Kohm source impedance

Measured: -0.20230 low limit: -0.20241 high limit: -0.20217

%PASS - CALCUB test of current measure at 0.2022815521mA with 20Kohm source impedance

Measured: 0.20227 low limit: 0.20215 high limit: 0.20240

%PASS - CALCUB test of current measure at -0.01746802463mA with 2Kohm source impedance

Measured: -0.017405 low limit: -1.8688E-02 high limit: -1.6247E-02

%PASS - CALCUB test of current measure at 0.0174253796mA with 2Kohm source impedance

Measured: 1.7150E-02 low limit: 1.6204E-02 high limit: 1.8646E-02

%PASS - CALCUB test of current measure at -0.03485877133mA with 2Kohm source impedance

Measured: -0.034820 low limit: -3.6079E-02 high limit: -3.3638E-02

%PASS - CALCUB test of current measure at 0.03481564924mA with 2Kohm source impedance

Measured: 3.4576E-02 low limit: 3.3594E-02 high limit: 3.6036E-02

%PASS - CALCUB test of current measure at -0.09670974703mA with 2Kohm source impedance
Measured: -9.6529E-02 low limit: -9.7930E-02 high limit: -9.5489E-02

%PASS - CALCUB test of current measure at 0.09665547836mA with 2Kohm source impedance
Measured: 9.6426E-02 low limit: 9.5434E-02 high limit: 9.7876E-02

%PASS - CALCUB test of current measure at -0.1935188584mA with 2Kohm source impedance
Measured: -0.19339 low limit: -0.19473 high limit: -0.19229

%PASS - CALCUB test of current measure at 0.193457404mA with 2Kohm source impedance
Measured: 0.19325 low limit: 0.19223 high limit: 0.19467

%PASS - CALCUB test of current measure at -0.4835576575mA with 2Kohm source impedance
Measured: -0.48354 low limit: -0.48477 high limit: -0.48233

%PASS - CALCUB test of current measure at 0.48349157mA with 2Kohm source impedance
Measured: 0.48338 low limit: 0.48227 high limit: 0.48471

%PASS - CALCUB test of current measure at -1.010529694mA with 2Kohm source impedance
Measured: -1.0105 low limit: -1.0117 high limit: -1.0093

%PASS - CALCUB test of current measure at 1.010237411mA with 2Kohm source impedance
Measured: 1.0101 low limit: 1.0090 high limit: 1.0114

%PASS - CALCUB test of current measure at -2.020901282mA with 2Kohm source impedance
Measured: -2.0209 low limit: -2.0221 high limit: -2.0196

%PASS - CALCUB test of current measure at 2.020792764mA with 2Kohm source impedance
Measured: 2.0207 low limit: 2.0195 high limit: 2.0220

%PASS - CALCUB test of current measure at -0.168268514mA with 200ohm source impedance
Measured: -0.16743 low limit: -0.18047 high limit: -0.15606

%PASS - CALCUB test of current measure at 0.1679225513mA with 200ohm source impedance
Measured: 0.16557 low limit: 0.15571 high limit: 0.18012

%PASS - CALCUB test of current measure at -0.3358287031mA with 200ohm source impedance

Measured: -0.33457 low limit: -0.34803 high limit: -0.32362

%PASS - CALCUB test of current measure at 0.3355000198mA with 200ohm source impedance
Measured: 0.33307 low limit: 0.32329 high limit: 0.34770

%PASS - CALCUB test of current measure at -0.9577276415mA with 200ohm source impedance
Measured: -0.95590 low limit: -0.96993 high limit: -0.94552

%PASS - CALCUB test of current measure at 0.9571122273mA with 200ohm source impedance
Measured: 0.95514 low limit: 0.94490 high limit: 0.96931

%PASS - CALCUB test of current measure at -1.916381316mA with 200ohm source impedance
Measured: -1.9149 low limit: -1.9285 high limit: -1.9041

%PASS - CALCUB test of current measure at 1.915908555mA with 200ohm source impedance
Measured: 1.9146 low limit: 1.9037 high limit: 1.9281

%PASS - CALCUB test of current measure at -4.78849469mA with 200ohm source impedance
Measured: -4.7880 low limit: -4.8007 high limit: -4.7762

%PASS - CALCUB test of current measure at 4.788560596mA with 200ohm source impedance
Measured: 4.7876 low limit: 4.7763 high limit: 4.8007

%PASS - CALCUB test of current measure at -10.00090368mA with 200ohm source impedance
Measured: -10.0005 low limit: -10.0131 high limit: -9.9886

%PASS - CALCUB test of current measure at 9.999766666mA with 200ohm source impedance
Measured: 9.9995 low limit: 9.9875 high limit: 10.0119

%PASS - CALCUB test of current measure at -19.99993182mA with 200ohm source impedance
Measured: -20.0005 low limit: -20.0121 high limit: -19.9877

%PASS - CALCUB test of current measure at 20.0031569mA with 200ohm source impedance
Measured: 20.0028 low limit: 19.9909 high limit: 20.0153

%PASS - CALCUB test of current measure at -1.577174336mA with 20ohm source impedance
Measured: -1.5661 low limit: -1.6992 high limit: -1.4551

%PASS - CALCUB test of current measure at 1.574099802mA with 20ohm source impedance
Measured: 1.5524 low limit: 1.4520 high limit: 1.6961

%PASS - CALCUB test of current measure at -3.147258868mA with 20ohm source impedance
Measured: -3.1418 low limit: -3.2693 high limit: -3.0251

%PASS - CALCUB test of current measure at 3.146779533mA with 20ohm source impedance
Measured: 3.1253 low limit: 3.0247 high limit: 3.2688

%PASS - CALCUB test of current measure at -8.729488987mA with 20ohm source impedance
Measured: -8.7106 low limit: -8.8515 high limit: -8.6074

%PASS - CALCUB test of current measure at 8.740386251mA with 20ohm source impedance
Measured: 8.7200 low limit: 8.6183 high limit: 8.8624

%PASS - CALCUB test of current measure at -17.46737275mA with 20ohm source impedance
Measured: -17.4522 low limit: -17.5894 high limit: -17.3452

%PASS - CALCUB test of current measure at 17.49438478mA with 20ohm source impedance
Measured: 17.4756 low limit: 17.3723 high limit: 17.6164

%PASS - CALCUB test of current measure at -43.64724304mA with 20ohm source impedance
Measured: -43.6481 low limit: -43.7693 high limit: -43.5251

%PASS - CALCUB test of current measure at 43.72518158mA with 20ohm source impedance
Measured: 43.7181 low limit: 43.6031 high limit: 43.8472

%PASS - CALCUB test of current measure at -91.40700572mA with 20ohm source impedance
Measured: -91.4088 low limit: -91.5290 high limit: -91.2849

%PASS - CALCUB test of current measure at 91.55913568mA with 20ohm source impedance
Measured: 91.5517 low limit: 91.4370 high limit: 91.6812

%PASS - CALCUB test of current measure at -9.842901331mA with 2ohm source impedance
Measured: -9.7771 low limit: -11.0636 high limit: -8.6221

%PASS - CALCUB test of current measure at 9.904656032mA with 2ohm source impedance
Measured: 9.6738 low limit: 8.6839 high limit: 11.1253

%PASS - CALCUB test of current measure at -19.65067745mA with 2ohm source impedance
Measured: -19.5843 low limit: -20.8714 high limit: -18.4299

%PASS - CALCUB test of current measure at 19.80123077mA with 2ohm source impedance
Measured: 19.5741 low limit: 18.5804 high limit: 21.0219

%PASS - CALCUB test of current measure at -49.07788249mA with 2ohm source impedance
Measured: -48.9362 low limit: -50.2986 high limit: -47.8571

%PASS - CALCUB test of current measure at 49.56988365mA with 2ohm source impedance
Measured: 49.4374 low limit: 48.3491 high limit: 50.7906

%PASS - CALCUB test of current measure at -98.40522442mA with 2ohm source impedance
Measured: -98.3236 low limit: -99.6259 high limit: -97.1844

%PASS - CALCUB test of current measure at 99.43404161mA with 2ohm source impedance
Measured: 99.3439 low limit: 98.2133 high limit: 100.6547

%PASS - CALCUB test of current measure at -246.0652448mA with 2ohm source impedance
Measured: -246.0572 low limit: -247.2859 high limit: -244.8445

%PASS - CALCUB test of current measure at 241.2088764mA with 2ohm source impedance
Measured: 241.2226 low limit: 239.9881 high limit: 242.4296

- Performing 100Mhz clock accuracy verification...

%PASS - CALCUB Clock 100 External Performance Verification test.
Measured: 99999626.1 low limit: 99996000 high limit: 100004000

%JOB_END - ****PASSED**** CUB External Verification of slot 18 (C33C201) at 1:33:16 PM