

9.0 XAIB TEST INSTRUCTIONS

9.1 SCOPE

THE FOLLOWING DESCRIBES THE SETUP AND TEST PROCEDURE FOR THE PWB DS3800XAIB.

9.2 SPECIAL TEST EQUIPMENT

NONE

9.3 POWER SUPPLY REQUIREMENTS

NONE

9.4 INITIAL SETUP

PUT ALL BERG JUMPERS IN THE "C" POSITION.

9.5 DAUGHTER BOARD

NONE

9.6 TEST PROCEDURE

1. VERIFY 100 +/- 1 OHM BETWEEN EACH OF THE FOLLOWING POINTS.

FROM	TO
ATB-JA-1	JJ-R-15
ATB-JA-2	JJ-R-16
ATB-JA-3	JJ-R-18
ATB-JA-4	JJ-R-17
ATB-JA-5	JJ-R-26
ATB-JA-6	JJ-R-25
ATB-JA-7	JJ-R-19
ATB-JA-8	JJ-R-20
ATB-JA-9	JJ-R-24
ATB-JA-10	JJ-R-23
ATB-JA-11	JJ-R-21
ATB-JA-12	JJ-R-22
ATB-KA-1	JK-R-15
ATB-KA-2	JK-R-16
ATB-KA-3	JK-R-18
ATB-KA-4	JK-R-17
ATB-KA-5	JK-R-26
ATB-KA-6	JK-R-25
ATB-KA-7	JK-R-19
ATB-KA-8	JK-R-20
ATB-KA-9	JK-R-24

CONTINUED ON NEXT PAGE

REV. 1	REV. 4	REV. 7	PRINTS TO DL109	ENGINEER REV. 10/17/83	GENERAL ELECTRIC DSD SALEM, VA. U.S.A.	TEST INSTRUCTIONS
REV. 2	REV. 5	ISSUED 10-17-83				DS3800XAIB CONT. ON 9BA 9AA
REV. 3	REV. 6	MADE BY R.E. VANDERPOOL				


ATB-KA-10	JK-R-23
ATB-KA-11	JK-R-21
ATB-KA-12	JK-R-22
ATB-JR-3	JJ-R-10
ATB-JR-5	JJ-R-8
ATB-JR-7	JJ-R-14
ATB-JR-9	JJ-R-12
ATB-JS-3	JJ-S-10
ATB-JS-5	JJ-S-8
ATB-JS-7	JJ-S-14
ATB-JS-9	JJ-S-12
ATB-JT-3	JJ-T-10
ATB-JT-5	JJ-T-8
ATB-JT-7	JJ-T-14
ATB-JT-9	JJ-T-12
ATB-KB-1	JK-R-10
ATB-KB-3	JK-R-8
ATB-KB-5	JK-R-14
ATB-KB-7	JK-R-12

2. VERIFY 1.80 +/- .18 OHMS BETWEEN EACH OF THE FOLLOWING POINTS.

FROM	TO
----	--
ATB-JR-1	JJ-R-2
ATB-JR-2	JJ-R-5
ATB-JR-11	CR2 CATHODE
ATB-JR-12	CR1 ANODE
ATB-JS-1	JJ-S-2
ATB-JS-2	JJ-S-5
ATB-JT-1	JJ-T-2
ATB-JT-2	JJ-T-5
ATB-KB-9	CR7 ANODE
ATB-KB-10	CR10 CATHODE

3. VERIFY 237.50 +/- .24 OHMS BETWEEN EACH OF THE FOLLOWING POINTS.

FROM	TO
----	--
ATB-JR-3	ATB-JR-4
ATB-JR-5	ATB-JR-6
ATB-JS-3	ATB-JS-4
ATB-JS-5	ATB-JS-6
ATB-JT-3	ATB-JT-4
ATB-JT-5	ATB-JT-6

REV. 1	REV. 4	REV. 7	PRINTS TO DL109	 GENERAL ELECTRIC SALEM, VA. U.S.A.	TEST INSTRUCTIONS
REV. 2	REV. 5	ISSUED 10-17-83			DS 3800 X A I E <small>CONT. ON DL 9CA DL 9BA</small>
REV. 3	REV. 6	MADE BY RE VANDERPOOL			

4. VERIFY 10K +/- 10 OHMS BETWEEN EACH OF THE FOLLOWING POINTS.

FROM	TO
----	--
ATB-JR-7	ATB-JR-8
ATB-JR-9	ATB-JR-10
ATB-JS-7	ATB-JS-7
ATB-JS-9	ATB-JS-10
ATB-JT-7	ATB-JT-8
ATB-JT-9	ATB-JT-10

5. VERIFY 10.00 +/- .01 OHMS BETWEEN EACH OF THE FOLLOWING POINTS.

FROM	TO
----	--
JGA-C-1	JGA-C-2
JGA-C-8	JGA-C-6
JGB-C-1	JGB-C-2
JGB-C-8	JGB-C-6
JHA-C-1	JHA-C-2
JHA-C-8	JHA-C-6
JHB-C-1	JHB-C-2
JHB-C-8	JHB-C-6

6. VERIFY 1000 +/- 10 OHMS BETWEEN EACH OF THE FOLLOWING POINTS.

FROM	TO
----	--
JGA-C-2	JGA-C-3
JGA-C-6	JGA-C-7
JGB-C-2	JGB-C-3
JGB-C-6	JGB-C-7
JHA-C-2	JHA-C-3
JHA-C-6	JHA-C-7
JHB-C-2	JHB-C-3
JHB-C-6	JHB-C-7

7. VERIFY ALL CAPACITORS ARE THE CORRECT TYPE AS FOLLOWS.

C1-C56	.1 MICROFARAD, 50V
C57-C66	1 MICROFARAD, 25V
C67-C82	.01 MICROFARAD, 50V

8. INSPECT AND VERIFY THAT CR1-CR12 ARE MOUNTED CORRECTLY.

9. SINCE QUITE A FEW TERMINAL POINTS HAVE NOT BEEN CHECKED IN THE ABOVE TESTS, THE PWB SHOULD BE CAREFULLY INSPECTED TO CHECK FOR SHORTS AND OPENS.

10. INSPECT AND VERIFY THAT ALL CONNECTORS, TERMINALS, ECT, ARE MOUNTED CORRECTLY.

END OF TEST

REV. 1	REV. 4	REV. 7	PRINTS TO DL109	ENGINEER <i>Rev</i> 10/17/83	GENERAL ELECTRIC SALEM, VA. U.S.A.	TEST INSTRUCTIONS
REV. 2	REV. 5	ISSUED 10-17-83				D S 3 8 0 0 X A I B
REV. 3	REV. 6	MADE BY RE VANDERPOOL				CONT. ON 849BA 84 92 CA