**Date:** 7/14/2006 8:03:34 PM

**Technician:** Dan Fasano

**Board S N:** 123-456-78

### **Test Summary:**

- TEST RESULTS (COUNT)

- Power Status: Passed (3)

- RS-232 Test: Passed (3)

- EEPROM Test: Passed (3)

- LED Test: Passed (3)

- -15 Volt Test: Passed (3)

- TFG Test: Passed (1) Failed (2)

- Opt/Sync Test: Passed (1) Failed (2)

- Htr/Thermistor Test: Passed (3)

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#### Report:

- Failed TFG Test Test: Pass: 2

- Begin TFG Test
- Set Heater Mode to FULL OFF
- Set Heater Mode to FULL OFF
- OSC:OFF 42MHZ at 1000 LCB:0.84 SBCP:0.00
- OSC:OFF 42MHZ at 1500 LCB:0.84 SBCP:0.00
- ERROR: LCB TFG too LOW. OSC:OFF 42MHZ at 1500 LCB:0.84 SBCP:0.00
- OSC:OFF 42MHZ at 2000 LCB:0.84 SBCP:0.00
- ERROR: LCB TFG too LOW. OSC:OFF 42MHZ at 2000 LCB:0.84 SBCP:0.00
- OSC:OFF 42MHZ at 2500 LCB:0.84 SBCP:0.00
- ERROR: LCB TFG too LOW. OSC:OFF 42MHZ at 2500 LCB:0.84 SBCP:0.00
- OSC:OFF 42MHZ at 3000 LCB:0.84 SBCP:0.00
- ERROR: LCB TFG too LOW. OSC:OFF 42MHZ at 3000 LCB:0.84 SBCP:0.00
- OSC:OFF 42MHZ at 3500 LCB:0.84 SBCP:0.00
- ERROR: LCB TFG too LOW. OSC:OFF 42MHZ at 3500 LCB:0.84 SBCP:0.00
- OSC:OFF 42MHZ at 4000 LCB:0.84 SBCP:0.00
- ERROR: LCB TFG too LOW. OSC:OFF 42MHZ at 4000 LCB:0.84 SBCP:0.00
- ERROR: LCB MAX TFG PWR too LOW. OSC:OFF 42MHZ at 4000 LCB:0.84 SBCP:0.00
- OSC:OFF 20MHZ-A at 1000 LCB:0.99 SBCP:5.66

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#### Report:

- Failed TFG Test Test: Pass: 2 continued...

- OSC:OFF 20MHZ-A at 1500 LCB:1.48 SBCP:19.67

- OSC:OFF 20MHZ-A at 2000 LCB:1.98 SBCP:38.07

- OSC:OFF 20MHZ-A at 2500 LCB:2.47 SBCP:62.79

- OSC:OFF 20MHZ-A at 3000 LCB:2.96 SBCP:94.39

- OSC:OFF 20MHZ-A at 3500 LCB:3.46 SBCP:131.14

- OSC:OFF 20MHZ-A at 4000 LCB:3.95 SBCP:170.32

- OSC:OFF 20MHZ-B at 1000 LCB:0.99 SBCP:6.39

- OSC:OFF 20MHZ-B at 1500 LCB:1.48 SBCP:22.19

- OSC:OFF 20MHZ-B at 2000 LCB:1.97 SBCP:42.60

- OSC:OFF 20MHZ-B at 2500 LCB:2.47 SBCP:71.46

- OSC:OFF 20MHZ-B at 3000 LCB:2.97 SBCP:107.42

- OSC:OFF 20MHZ-B at 3500 LCB:3.46 SBCP:147.16

- OSC:OFF 20MHZ-B at 4000 LCB:3.87 SBCP:181.70

- TFG Test Failed

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#### Report:

- Failed TFG Test Test: Pass: 3 continued...

- OSC:OFF 20MHZ-A at 2500 LCB:2.47 SBCP:62.97

- OSC:OFF 20MHZ-A at 3000 LCB:2.96 SBCP:94.92

- OSC:OFF 20MHZ-A at 3500 LCB:3.46 SBCP:130.77

- OSC:OFF 20MHZ-A at 4000 LCB:3.95 SBCP:171.28

- OSC:OFF 20MHZ-B at 1000 LCB:0.99 SBCP:6.41

- OSC:OFF 20MHZ-B at 1500 LCB:1.48 SBCP:22.26

- OSC:OFF 20MHZ-B at 2000 LCB:1.97 SBCP:42.48

- OSC:OFF 20MHZ-B at 2500 LCB:2.47 SBCP:71.46

- OSC:OFF 20MHZ-B at 3000 LCB:2.97 SBCP:107.42

- OSC:OFF 20MHZ-B at 3500 LCB:3.46 SBCP:147.16

- OSC:OFF 20MHZ-B at 4000 LCB:3.87 SBCP:182.21

- TFG Test Failed

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#### Report:

- Failed Opt/Sync Test Test: Pass: 2

- Begin Opt/Sync Test
- Set Heater Mode to FULL OFF
- Optical Sync Freq:29999794
- Set Heater Mode to FULL OFF
- OSC:ON 42MHZ at 1000 LCB:0.84 SBCP:0.00
- OSC:ON 42MHZ at 1500 LCB:0.84 SBCP:0.00
- ERROR: LCB TFG too LOW. OSC:ON 42MHZ at 1500 LCB:0.84 SBCP:0.00
- OSC:ON 42MHZ at 2000 LCB:0.85 SBCP:0.00
- ERROR: LCB TFG too LOW. OSC:ON 42MHZ at 2000 LCB:0.85 SBCP:0.00
- OSC:ON 42MHZ at 2500 LCB:0.85 SBCP:0.00
- ERROR: LCB TFG too LOW. OSC:ON 42MHZ at 2500 LCB:0.85 SBCP:0.00
- OSC:ON 42MHZ at 3000 LCB:0.85 SBCP:0.00
- ERROR: LCB TFG too LOW. OSC:ON 42MHZ at 3000 LCB:0.85 SBCP:0.00
- OSC:ON 42MHZ at 3500 LCB:0.85 SBCP:0.00
- ERROR: LCB TFG too LOW. OSC:ON 42MHZ at 3500 LCB:0.85 SBCP:0.00
- OSC:ON 42MHZ at 4000 LCB:0.85 SBCP:0.00
- ERROR: LCB TFG too LOW. OSC:ON 42MHZ at 4000 LCB:0.85 SBCP:0.00
- ERROR: LCB MAX TFG PWR too LOW. OSC:ON 42MHZ at 4000 LCB:0.85 SBCP:0.00

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#### Report:

- Failed Opt/Sync Test Test: Pass: 2 continued...

- OSC:ON 20MHZ-A at 1000 LCB:0.99 SBCP:5.86

- OSC:ON 20MHZ-A at 1500 LCB:1.48 SBCP:20.34

- OSC:ON 20MHZ-A at 2000 LCB:1.98 SBCP:39.16

- OSC:ON 20MHZ-A at 2500 LCB:2.47 SBCP:64.95

- OSC:ON 20MHZ-A at 3000 LCB:2.96 SBCP:98.45

- OSC:ON 20MHZ-A at 3500 LCB:3.46 SBCP:135.64

- OSC:ON 20MHZ-A at 4000 LCB:3.95 SBCP:177.16

- OSC:ON 20MHZ-B at 1000 LCB:0.99 SBCP:6.63

- OSC:ON 20MHZ-B at 1500 LCB:1.48 SBCP:23.15

- OSC:ON 20MHZ-B at 2000 LCB:1.98 SBCP:44.44

- OSC:ON 20MHZ-B at 2500 LCB:2.47 SBCP:74.96

- OSC:ON 20MHZ-B at 3000 LCB:2.96 SBCP:112.36

OSC:ON 20MHZ-B at 3500 LCB:3.46 SBCP:152.64

- OSC:ON 20MHZ-B at 4000 LCB:3.95 SBCP:198.80

Opt/Sync Test Failed

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#### Report:

- Failed Opt/Sync Test Test: Pass: 3 continued...

- OSC:ON 20MHZ-A at 1500 LCB:1.48 SBCP:20.34

- OSC:ON 20MHZ-A at 2000 LCB:1.98 SBCP:39.27

- OSC:ON 20MHZ-A at 2500 LCB:2.47 SBCP:65.13

- OSC:ON 20MHZ-A at 3000 LCB:2.96 SBCP:98.73

- OSC:ON 20MHZ-A at 3500 LCB:3.46 SBCP:136.02

- OSC:ON 20MHZ-A at 4000 LCB:3.95 SBCP:177.16

- OSC:ON 20MHZ-B at 1000 LCB:0.99 SBCP:6.66

- OSC:ON 20MHZ-B at 1500 LCB:1.48 SBCP:23.15

- OSC:ON 20MHZ-B at 2000 LCB:1.98 SBCP:44.44

- OSC:ON 20MHZ-B at 2500 LCB:2.47 SBCP:74.75

- OSC:ON 20MHZ-B at 3000 LCB:2.96 SBCP:112.36

- OSC:ON 20MHZ-B at 3500 LCB:3.46 SBCP:153.50

- OSC:ON 20MHZ-B at 4000 LCB:3.95 SBCP:199.36

Opt/Sync Test Failed