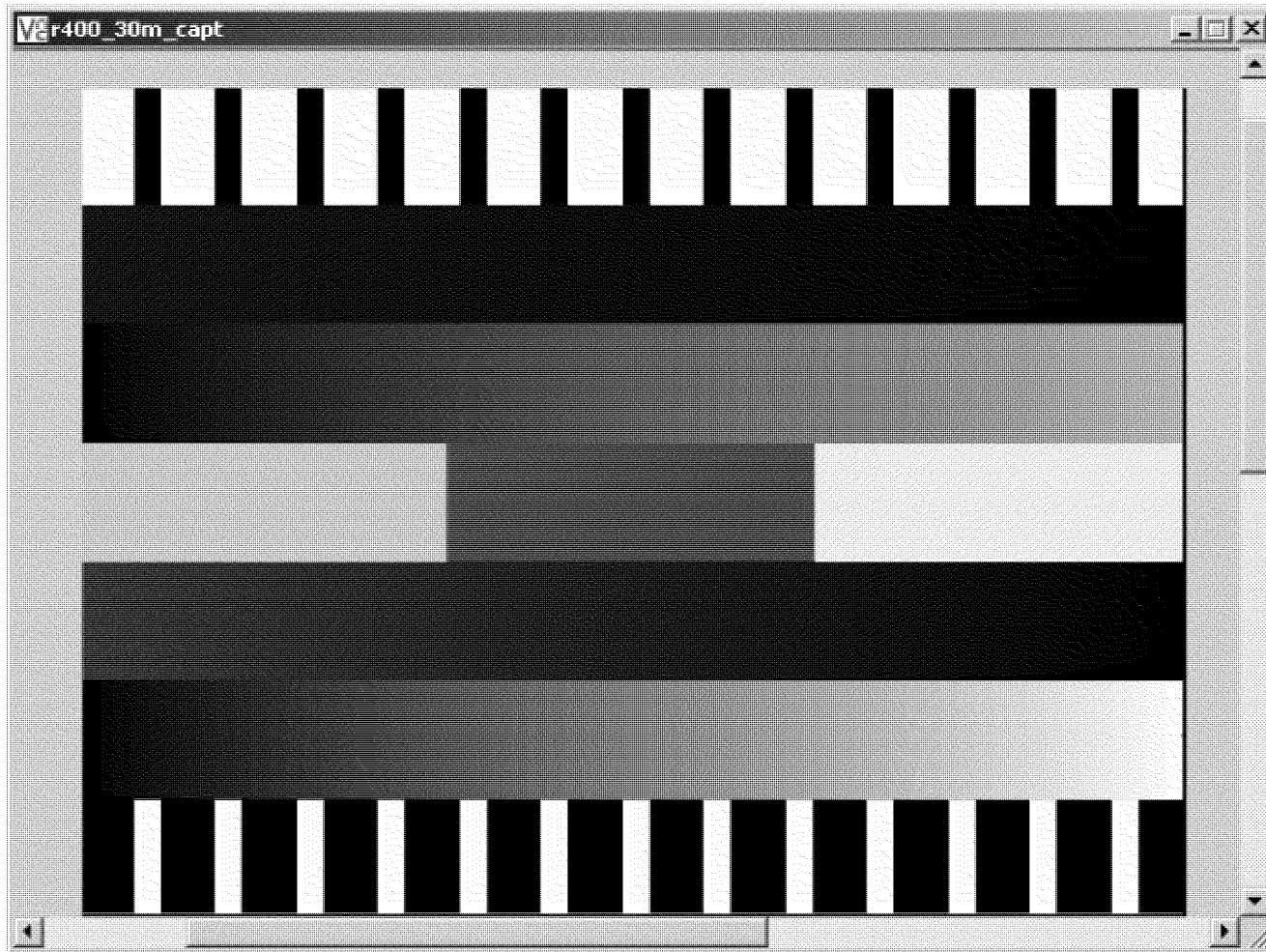


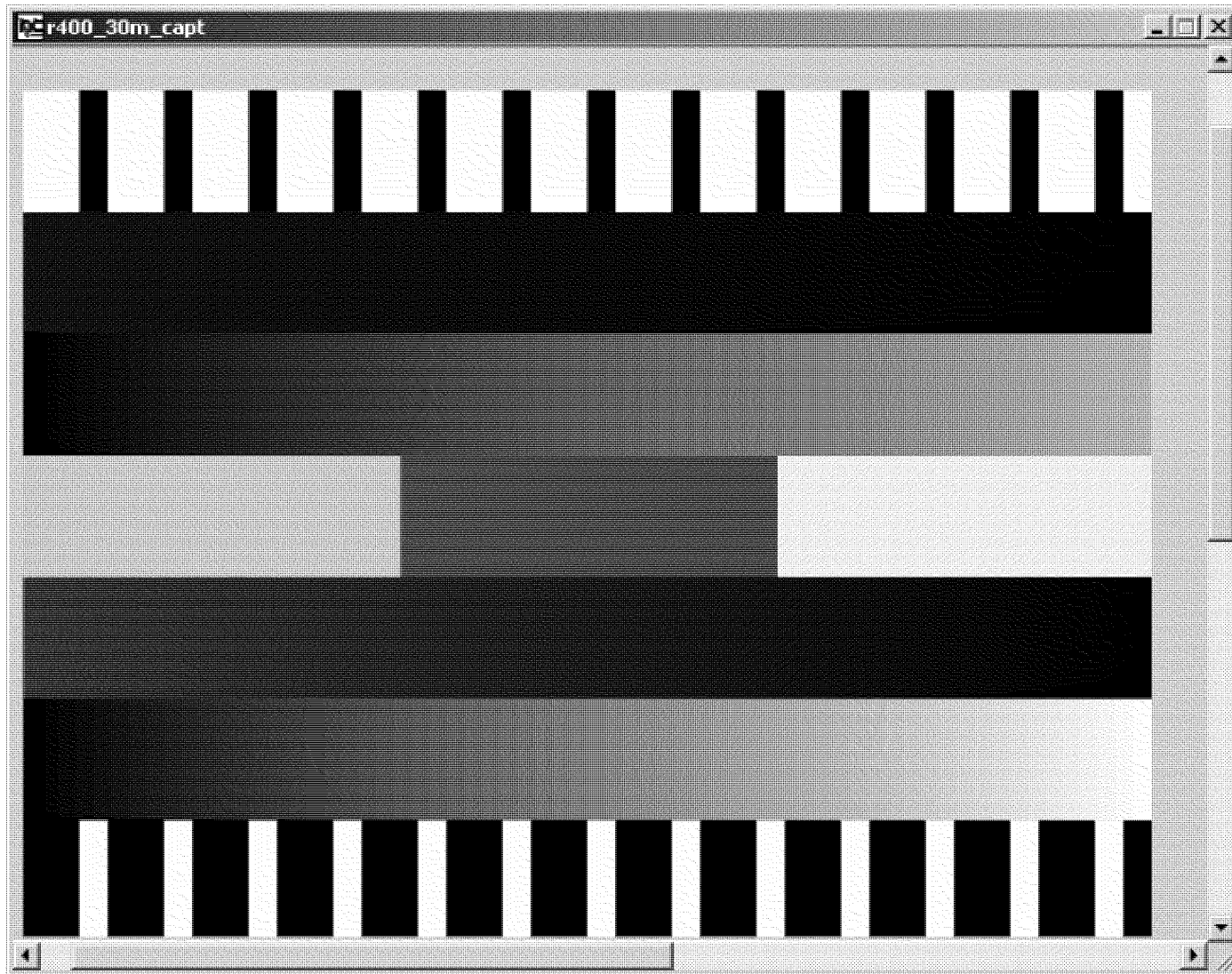
Write all possible 10 bit color component values to palette and read them back.
 Ensure that the index auto-increment is tested.

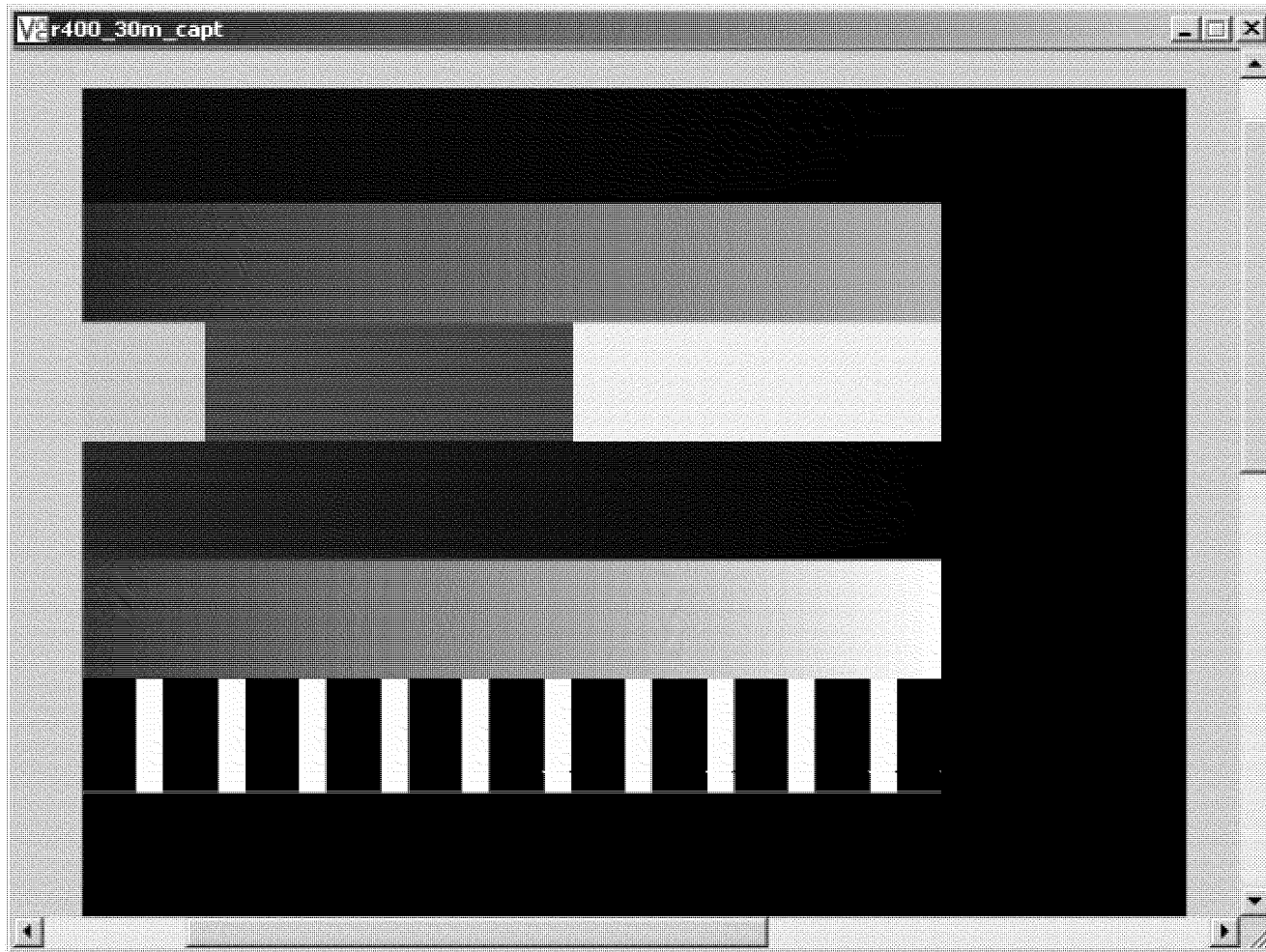
Palette	Read/Write	Values																		
Standard	Indices = {0-255} Method 1 – 10 bit seq Method 2 – 30 bit Method 3 – Autofill	Method 1 & Method 2: <table border="1"> <thead> <tr> <th>R</th> <th>G</th> <th>B</th> </tr> </thead> <tbody> <tr> <td>0-FF</td> <td>1-100</td> <td>1-101</td> </tr> <tr> <td>1FF-100</td> <td>1FE-FF</td> <td>1FD-FE</td> </tr> <tr> <td>2FF-200</td> <td>2FE-1FF</td> <td>2FD-1FE</td> </tr> <tr> <td>300-3FF</td> <td>301-00*</td> <td>302-01*</td> </tr> </tbody> </table> * wraparound at 3FF	R	G	B	0-FF	1-100	1-101	1FF-100	1FE-FF	1FD-FE	2FF-200	2FE-1FF	2FD-1FE	300-3FF	301-00*	302-01*			
R	G	B																		
0-FF	1-100	1-101																		
1FF-100	1FE-FF	1FD-FE																		
2FF-200	2FE-1FF	2FD-1FE																		
300-3FF	301-00*	302-01*																		
PWL	Indices = {0-127} Method 1 – 10 bit seq	R, G, B components identical <table border="1"> <thead> <tr> <th>Delta</th> <th>Base</th> </tr> </thead> <tbody> <tr> <td>0-7F</td> <td>3FF-380</td> </tr> <tr> <td>80-FF</td> <td>37F-300</td> </tr> <tr> <td>100-17F</td> <td>2FF-280</td> </tr> <tr> <td>180-1FF</td> <td>27F-200</td> </tr> <tr> <td>200-27F</td> <td>1FF-180</td> </tr> <tr> <td>280-2FF</td> <td>17F-100</td> </tr> <tr> <td>300-37F</td> <td>FF-80</td> </tr> <tr> <td>380-3FF</td> <td>7F-00</td> </tr> </tbody> </table>	Delta	Base	0-7F	3FF-380	80-FF	37F-300	100-17F	2FF-280	180-1FF	27F-200	200-27F	1FF-180	280-2FF	17F-100	300-37F	FF-80	380-3FF	7F-00
Delta	Base																			
0-7F	3FF-380																			
80-FF	37F-300																			
100-17F	2FF-280																			
180-1FF	27F-200																			
200-27F	1FF-180																			
280-2FF	17F-100																			
300-37F	FF-80																			
380-3FF	7F-00																			

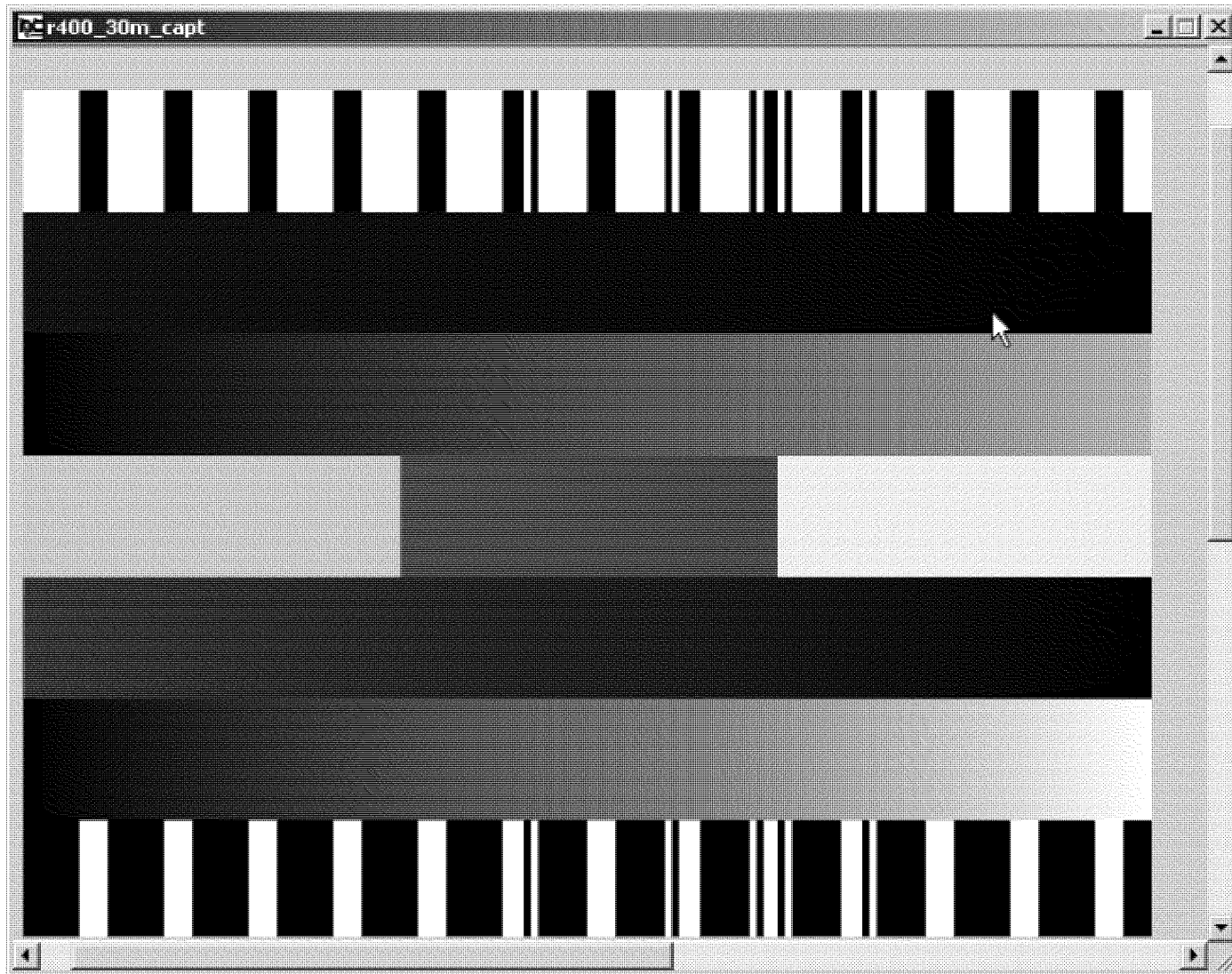
Read/Write to LUTA and LUTB, Pipe 0 and 1

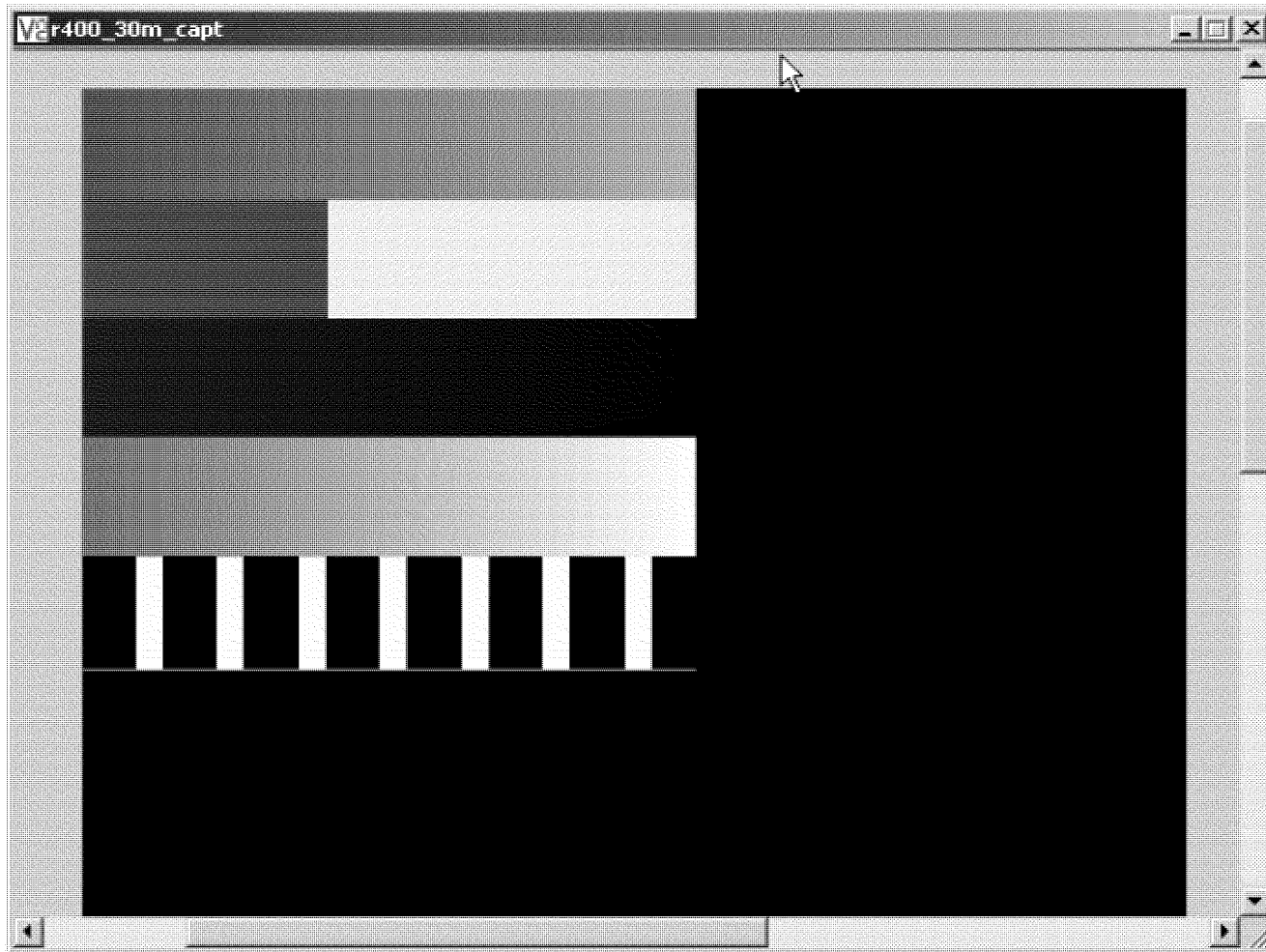
LUT	Write Pipe	Read Pipe
LUTA	0	0
LUTA	1	1
LUTA	0&1	0
LUTA	0&1	1
LUTB	0	0
LUTB	1	1
LUTB	0&1	0
LUTB	0&1	1

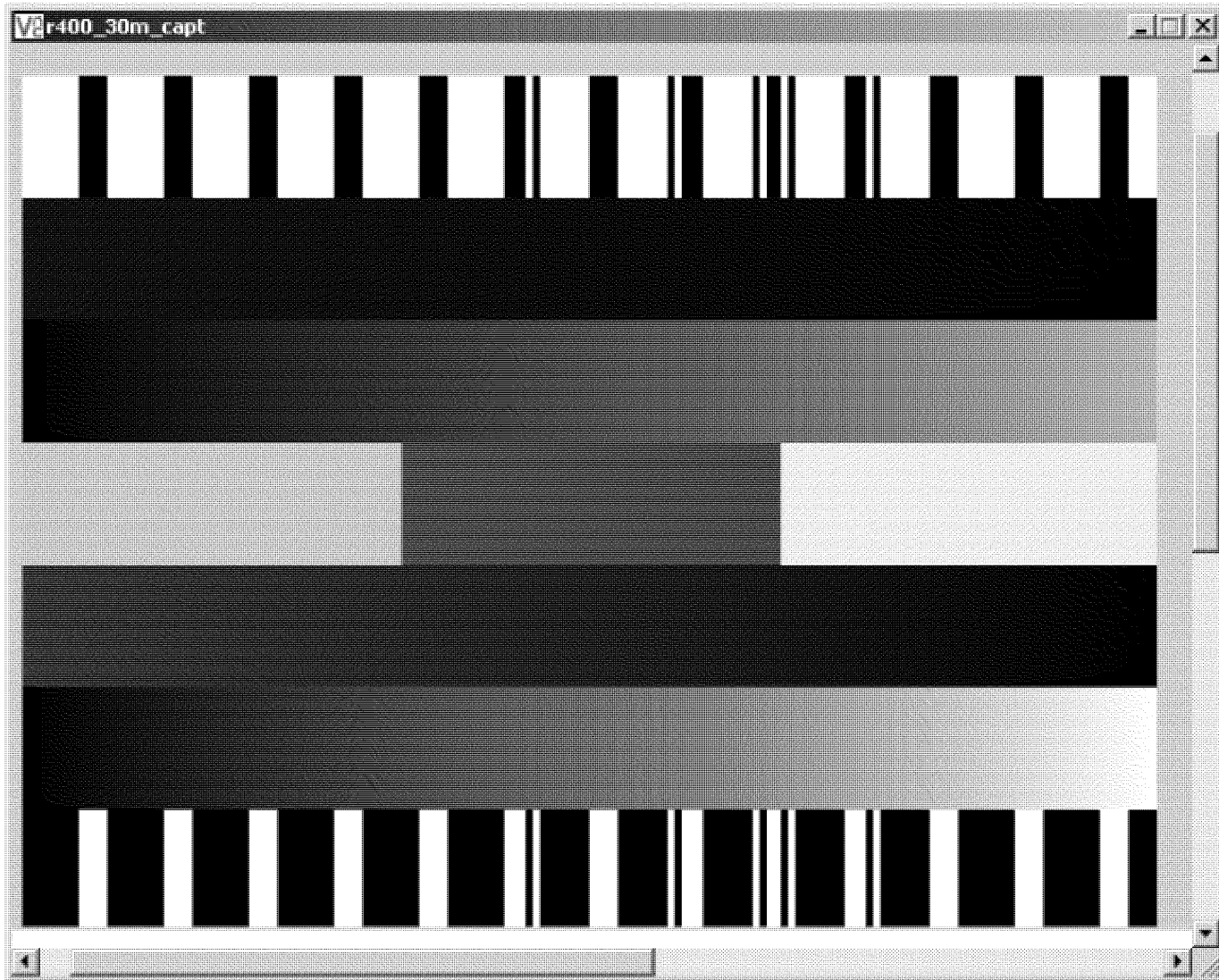




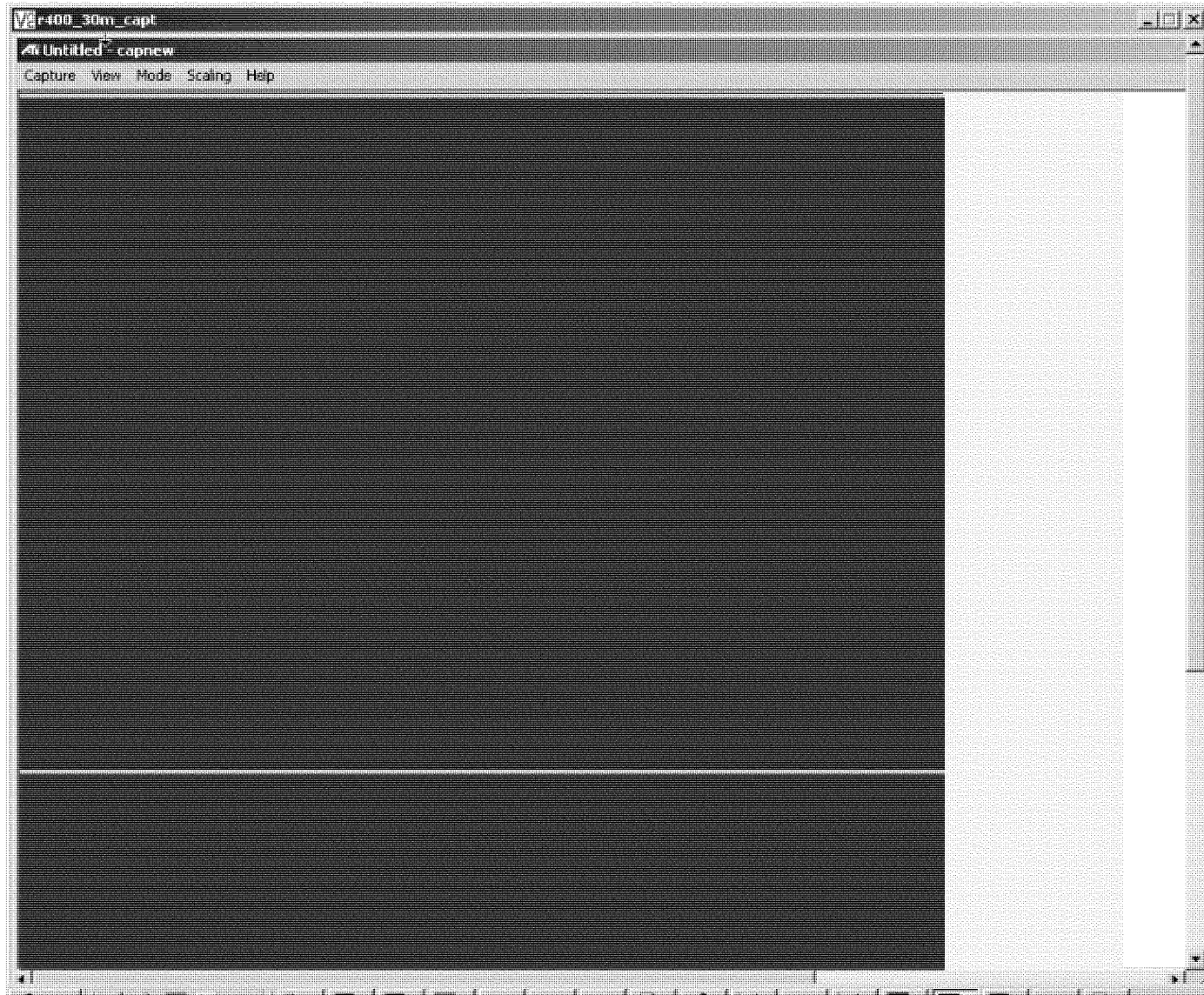


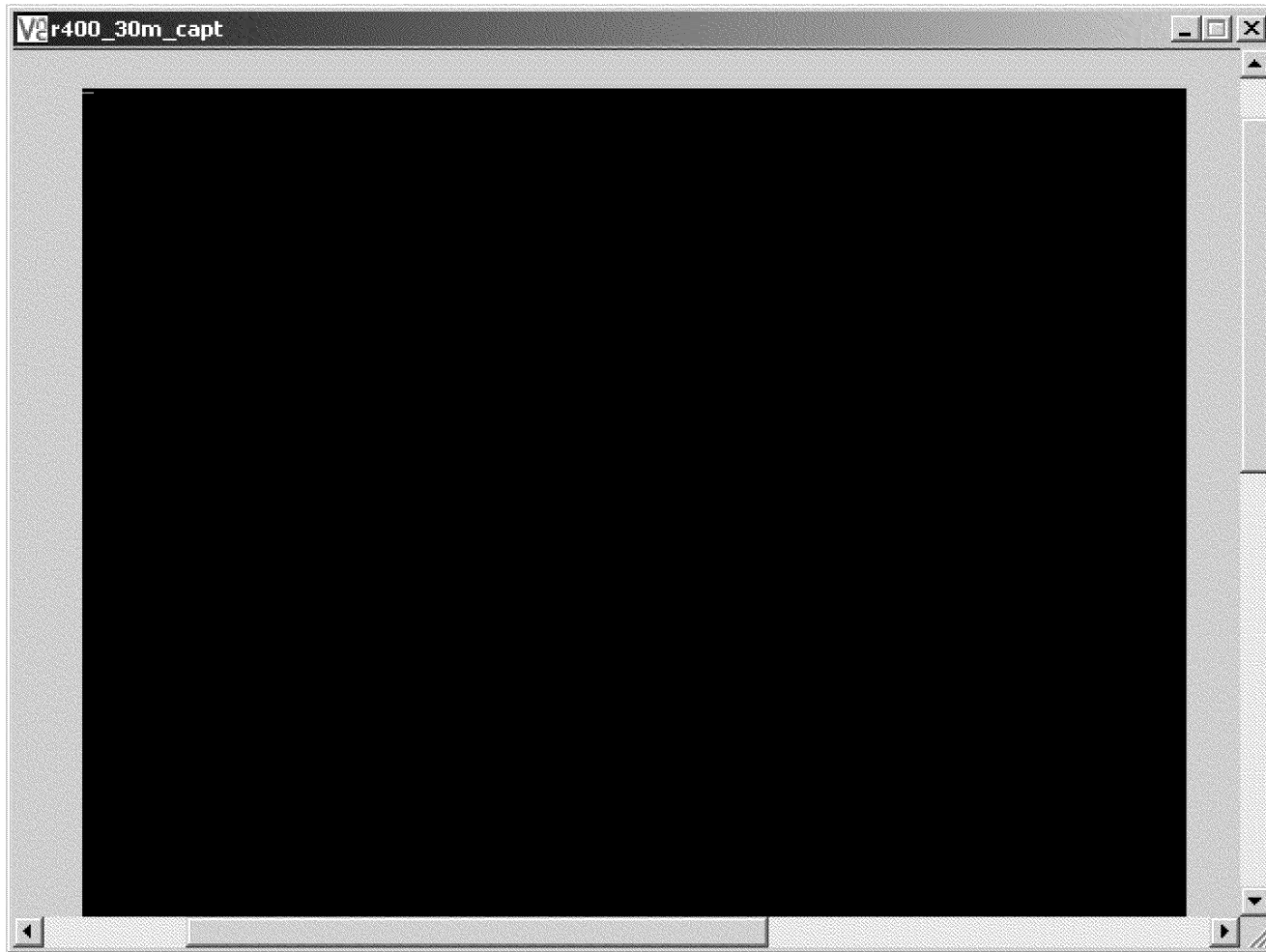


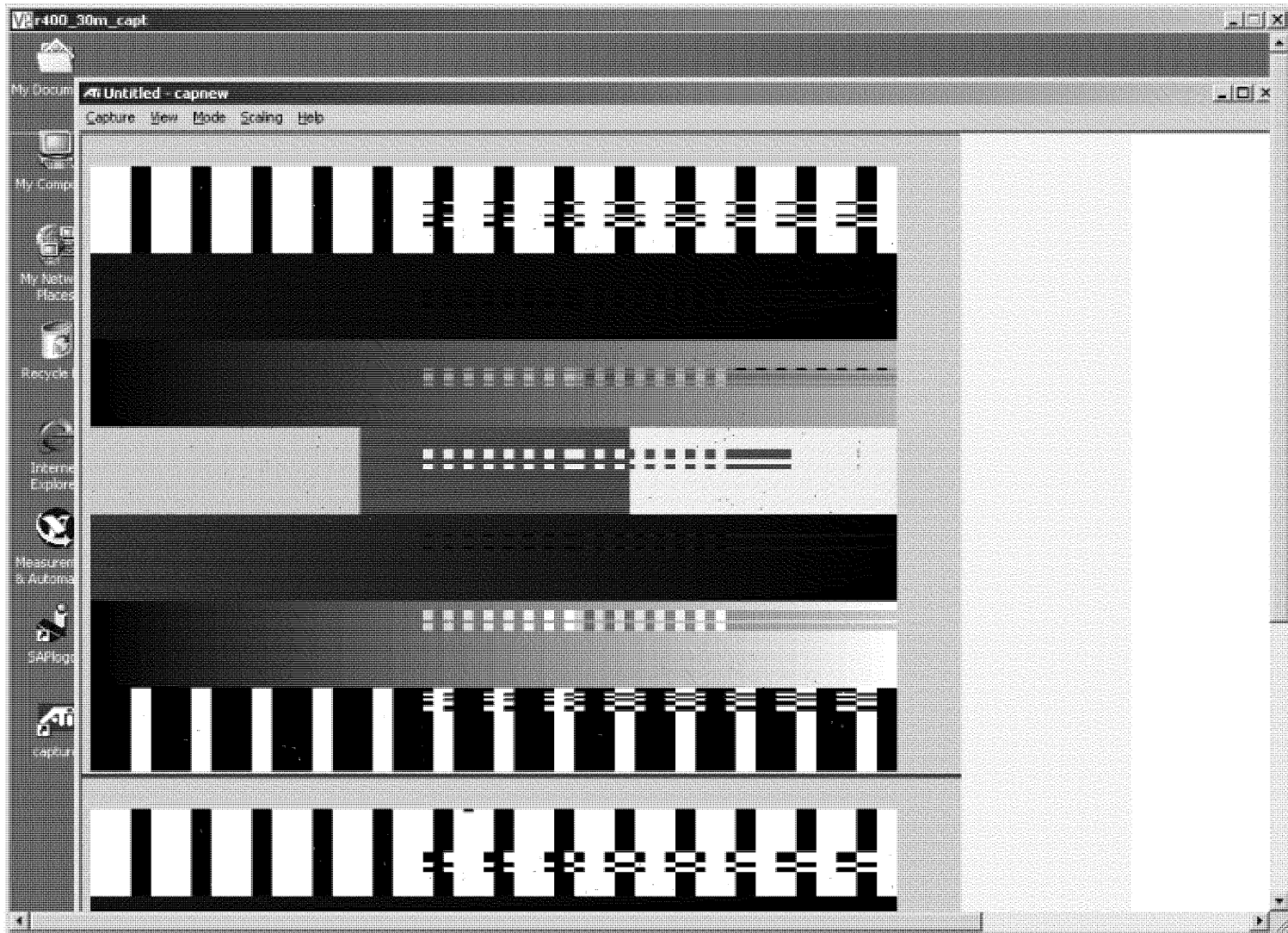
















R4DISP version 1.0, (c) Copyright ATI Technologies Inc, 2002
Log file generation enabled to .\R4DISP.LOG ...
Using forced BN=01h, DN=00h for detection ...
Using forced chip ID 00005960h for detection ...
Using forced I/O base address 9000h for detection ...
Using forced memory base F0000000h for detection ...
Using forced register base E0120000h for detection ...
Using forced ROM segment 0000C000h for detection ...
Using forced memory size 01000000h for detection ...
Using forced register aperture size 01000000h for detection ...
Using forced memory aperture size 01000000h for detection ...
Debug flag enabled ...
Installed modes are disabled ...
No ROM flag enabled ...
DEBUG: pcidevices = 1
DEBUG: bn = 01
DEBUG: dn = 00
DEBUG: rom_seg = 0000
DEBUG: io_base = 9000
DEBUG: instance = 0
DEBUG: rom_instance = 0
DEBUG: chip_type = 5960
DEBUG: chip_version = 0
DEBUG: chip_foundary = 0
DEBUG: chip_minor = 0
DEBUG: WinDetectFlag = 0

DEBUG: mem_size = 01000000
DEBUG: reg_0_base = E0120000
DEBUG: reg_1_base = E1120000
DEBUG: reg_aper_size = 01000000
DEBUG: mem_0_base = F0000000
DEBUG: mem_1_base = F1000000
DEBUG: mem_aper_size = 01000000
DEBUG: agp_aper_offset = 01000000

Loading Checksum and Gui CRC data from RDF file 'C:\R400\GINA\R4DISP.RDF' ...

Checksum Data Done.

No GUI CRC Data loaded from RDF.

Warning: Pick mode 640 x 480 - 8 bpp @ 0 Hz is not available.

[1] Basic Display(Standard Palette) : FAIL

Error ID OTD001

640 x 480 - 8 bpp (85 Hz): TEST FAILURE

Expected checksum [251DE55Eh], Read [0F12CC1Ah]

1800 x 1440 - 64 bpp (75 Hz): MODE NOT AVAILABLE

1800 x 1440 - 64aRGB bpp (75 Hz): MODE NOT AVAILABLE

1800 x 1440 - 64 bpp (75 Hz): MODE NOT AVAILABLE

1800 x 1440 - 64aBGR bpp (75 Hz): MODE NOT AVAILABLE
1800 x 1440 - 64 bpp (75 Hz): MODE NOT AVAILABLE
1920 x 1200 - 64 bpp (85 Hz): MODE NOT AVAILABLE
1920 x 1200 - 64aRGB bpp (85 Hz): MODE NOT AVAILABLE
1920 x 1200 - 64 bpp (85 Hz): MODE NOT AVAILABLE
1920 x 1200 - 64aBGR bpp (85 Hz): MODE NOT AVAILABLE
1920 x 1200 - 64 bpp (85 Hz): MODE NOT AVAILABLE
1792 x 1344 - 64 bpp (60 Hz): MODE NOT AVAILABLE
1792 x 1344 - 64aRGB bpp (60 Hz): MODE NOT AVAILABLE
1792 x 1344 - 64 bpp (60 Hz): MODE NOT AVAILABLE
1792 x 1344 - 64aBGR bpp (60 Hz): MODE NOT AVAILABLE
1792 x 1344 - 64 bpp (60 Hz): MODE NOT AVAILABLE
1856 x 1392 - 64 bpp (60 Hz): MODE NOT AVAILABLE
1856 x 1392 - 64aRGB bpp (60 Hz): MODE NOT AVAILABLE
1856 x 1392 - 64 bpp (60 Hz): MODE NOT AVAILABLE
1856 x 1392 - 64aBGR bpp (60 Hz): MODE NOT AVAILABLE
1856 x 1392 - 64 bpp (60 Hz): MODE NOT AVAILABLE
1920 x 1440 - 64 bpp (60 Hz): MODE NOT AVAILABLE
1920 x 1440 - 64aRGB bpp (60 Hz): MODE NOT AVAILABLE
1920 x 1440 - 64 bpp (60 Hz): MODE NOT AVAILABLE
1920 x 1440 - 64aBGR bpp (60 Hz): MODE NOT AVAILABLE
1920 x 1440 - 64 bpp (60 Hz): MODE NOT AVAILABLE
2048 x 1536 - 64 bpp (70 Hz): MODE NOT AVAILABLE
2048 x 1536 - 64aRGB bpp (70 Hz): MODE NOT AVAILABLE
2048 x 1536 - 64 bpp (70 Hz): MODE NOT AVAILABLE
2048 x 1536 - 64aBGR bpp (70 Hz): MODE NOT AVAILABLE
2048 x 1536 - 64 bpp (70 Hz): MODE NOT AVAILABLE
1280 x 2048 - 64 bpp (60 Hz): MODE NOT AVAILABLE
1280 x 2048 - 64aRGB bpp (60 Hz): MODE NOT AVAILABLE
1280 x 2048 - 64 bpp (60 Hz): MODE NOT AVAILABLE
1280 x 2048 - 64aBGR bpp (60 Hz): MODE NOT AVAILABLE
1280 x 2048 - 64 bpp (60 Hz): MODE NOT AVAILABLE
2048 x 2048 - 64 bpp (60 Hz): MODE NOT AVAILABLE
2048 x 2048 - 64aRGB bpp (60 Hz): MODE NOT AVAILABLE
2048 x 2048 - 64 bpp (60 Hz): MODE NOT AVAILABLE
2048 x 2048 - 64aBGR bpp (60 Hz): MODE NOT AVAILABLE
2048 x 2048 - 64 bpp (60 Hz): MODE NOT AVAILABLE
2560 x 1024 - 64 bpp (60 Hz): MODE NOT AVAILABLE
2560 x 1024 - 64aRGB bpp (60 Hz): MODE NOT AVAILABLE
2560 x 1024 - 64 bpp (60 Hz): MODE NOT AVAILABLE
2560 x 1024 - 64aBGR bpp (60 Hz): MODE NOT AVAILABLE
2560 x 1024 - 64 bpp (60 Hz): MODE NOT AVAILABLE
3072 x 768 - 64 bpp (60 Hz): MODE NOT AVAILABLE
3072 x 768 - 64aRGB bpp (60 Hz): MODE NOT AVAILABLE
3072 x 768 - 64 bpp (60 Hz): MODE NOT AVAILABLE
3072 x 768 - 64aBGR bpp (60 Hz): MODE NOT AVAILABLE
3072 x 768 - 64 bpp (60 Hz): MODE NOT AVAILABLE
3840 x 1024 - 64 bpp (60 Hz): MODE NOT AVAILABLE

```

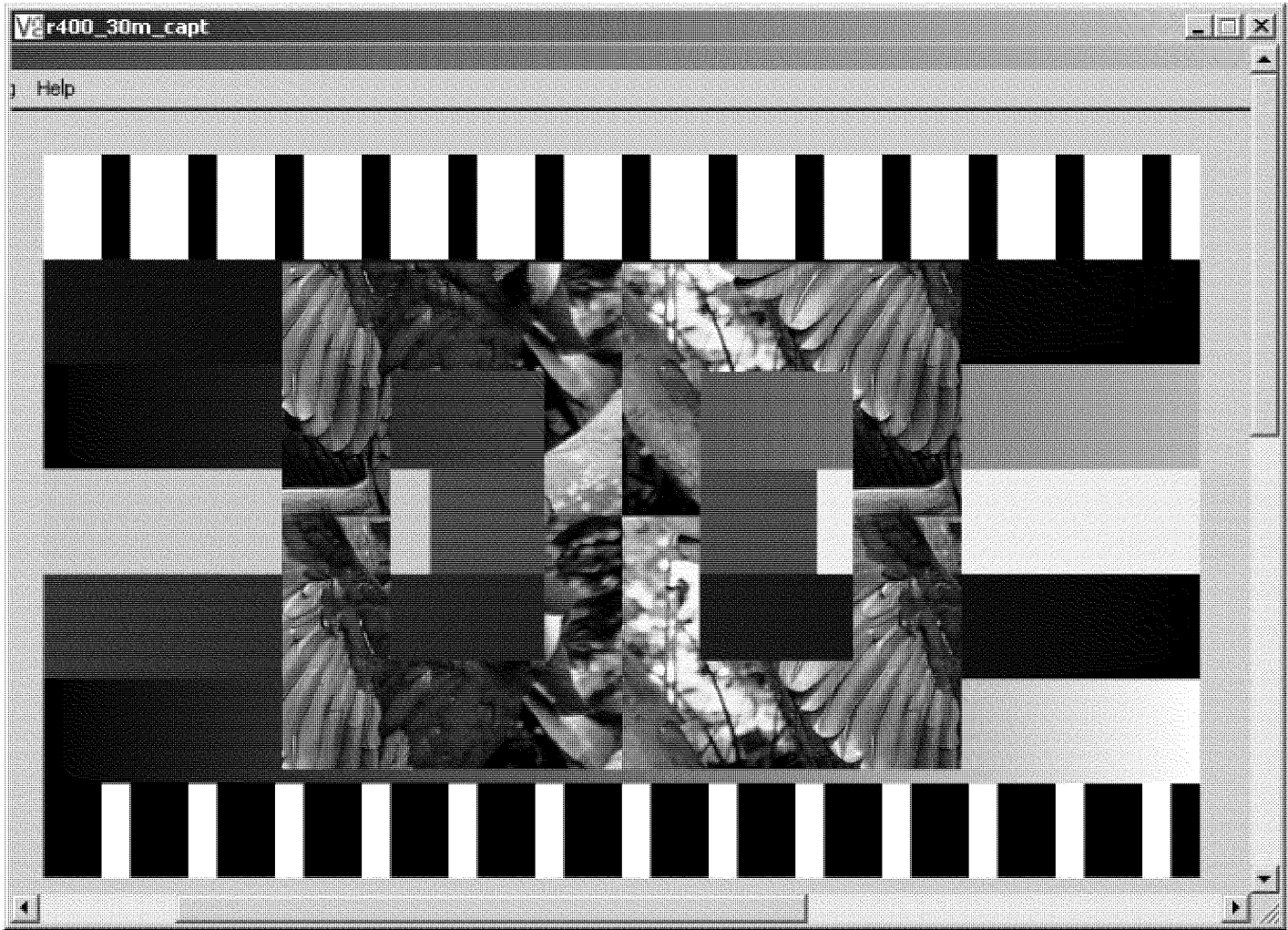
3840 x 1024 - 64aRGB bpp ( 60 Hz): MODE NOT AVAILABLE
3840 x 1024 - 64 bpp ( 60 Hz): MODE NOT AVAILABLE
3840 x 1024 - 64aBGR bpp ( 60 Hz): MODE NOT AVAILABLE
3840 x 1024 - 64 bpp ( 60 Hz): MODE NOT AVAILABLE
4096 x 768 - 64 bpp ( 60 Hz): MODE NOT AVAILABLE
4096 x 768 - 64aRGB bpp ( 60 Hz): MODE NOT AVAILABLE
4096 x 768 - 64 bpp ( 60 Hz): MODE NOT AVAILABLE
4096 x 768 - 64aBGR bpp ( 60 Hz): MODE NOT AVAILABLE
4096 x 768 - 64 bpp ( 60 Hz): MODE NOT AVAILABLE

TEST RESULT SUMMARY:
=====
Rage6 Y` detected.
16M video memory.
Test suite ran 1 of 1 times.
Checking test status array ...
[1 ] Basic Display(Standard Palette)           : FAIL
    Error ID OTD001
    640 x 480 - 8 bpp ( 85 Hz): TEST FAILURE
    Expected checksum [251DE55Eh], Read [0F12CC1Ah]
1800 x 1440 - 64 bpp ( 75 Hz): MODE NOT AVAILABLE
1800 x 1440 - 64aRGB bpp ( 75 Hz): MODE NOT AVAILABLE
1800 x 1440 - 64 bpp ( 75 Hz): MODE NOT AVAILABLE
1800 x 1440 - 64aBGR bpp ( 75 Hz): MODE NOT AVAILABLE
1800 x 1440 - 64 bpp ( 75 Hz): MODE NOT AVAILABLE
1920 x 1200 - 64 bpp ( 85 Hz): MODE NOT AVAILABLE
1920 x 1200 - 64aRGB bpp ( 85 Hz): MODE NOT AVAILABLE
1920 x 1200 - 64 bpp ( 85 Hz): MODE NOT AVAILABLE
1920 x 1200 - 64aBGR bpp ( 85 Hz): MODE NOT AVAILABLE
1920 x 1200 - 64 bpp ( 85 Hz): MODE NOT AVAILABLE
1792 x 1344 - 64 bpp ( 60 Hz): MODE NOT AVAILABLE
1792 x 1344 - 64aRGB bpp ( 60 Hz): MODE NOT AVAILABLE
1792 x 1344 - 64 bpp ( 60 Hz): MODE NOT AVAILABLE
1792 x 1344 - 64aBGR bpp ( 60 Hz): MODE NOT AVAILABLE
1792 x 1344 - 64 bpp ( 60 Hz): MODE NOT AVAILABLE
1856 x 1392 - 64 bpp ( 60 Hz): MODE NOT AVAILABLE
1856 x 1392 - 64aRGB bpp ( 60 Hz): MODE NOT AVAILABLE
1856 x 1392 - 64 bpp ( 60 Hz): MODE NOT AVAILABLE
1856 x 1392 - 64aBGR bpp ( 60 Hz): MODE NOT AVAILABLE
1856 x 1392 - 64 bpp ( 60 Hz): MODE NOT AVAILABLE
1920 x 1440 - 64 bpp ( 60 Hz): MODE NOT AVAILABLE
1920 x 1440 - 64aRGB bpp ( 60 Hz): MODE NOT AVAILABLE
1920 x 1440 - 64 bpp ( 60 Hz): MODE NOT AVAILABLE
1920 x 1440 - 64aBGR bpp ( 60 Hz): MODE NOT AVAILABLE
1920 x 1440 - 64 bpp ( 60 Hz): MODE NOT AVAILABLE
2048 x 1536 - 64 bpp ( 70 Hz): MODE NOT AVAILABLE
2048 x 1536 - 64aRGB bpp ( 70 Hz): MODE NOT AVAILABLE
2048 x 1536 - 64 bpp ( 70 Hz): MODE NOT AVAILABLE
2048 x 1536 - 64aBGR bpp ( 70 Hz): MODE NOT AVAILABLE

```

2048 x 1536 - 64 bpp (70 Hz): MODE NOT AVAILABLE
1280 x 2048 - 64 bpp (60 Hz): MODE NOT AVAILABLE
1280 x 2048 - 64aRGB bpp (60 Hz): MODE NOT AVAILABLE
1280 x 2048 - 64 bpp (60 Hz): MODE NOT AVAILABLE
1280 x 2048 - 64aBGR bpp (60 Hz): MODE NOT AVAILABLE
1280 x 2048 - 64 bpp (60 Hz): MODE NOT AVAILABLE
2048 x 2048 - 64 bpp (60 Hz): MODE NOT AVAILABLE
2048 x 2048 - 64aRGB bpp (60 Hz): MODE NOT AVAILABLE
2048 x 2048 - 64 bpp (60 Hz): MODE NOT AVAILABLE
2048 x 2048 - 64aBGR bpp (60 Hz): MODE NOT AVAILABLE
2048 x 2048 - 64 bpp (60 Hz): MODE NOT AVAILABLE
2560 x 1024 - 64 bpp (60 Hz): MODE NOT AVAILABLE
2560 x 1024 - 64aRGB bpp (60 Hz): MODE NOT AVAILABLE
2560 x 1024 - 64 bpp (60 Hz): MODE NOT AVAILABLE
2560 x 1024 - 64aBGR bpp (60 Hz): MODE NOT AVAILABLE
2560 x 1024 - 64 bpp (60 Hz): MODE NOT AVAILABLE
3072 x 768 - 64 bpp (60 Hz): MODE NOT AVAILABLE
3072 x 768 - 64aRGB bpp (60 Hz): MODE NOT AVAILABLE
3072 x 768 - 64 bpp (60 Hz): MODE NOT AVAILABLE
3072 x 768 - 64aBGR bpp (60 Hz): MODE NOT AVAILABLE
3072 x 768 - 64 bpp (60 Hz): MODE NOT AVAILABLE
3840 x 1024 - 64 bpp (60 Hz): MODE NOT AVAILABLE
3840 x 1024 - 64aRGB bpp (60 Hz): MODE NOT AVAILABLE
3840 x 1024 - 64 bpp (60 Hz): MODE NOT AVAILABLE
3840 x 1024 - 64aBGR bpp (60 Hz): MODE NOT AVAILABLE
3840 x 1024 - 64 bpp (60 Hz): MODE NOT AVAILABLE
4096 x 768 - 64 bpp (60 Hz): MODE NOT AVAILABLE
4096 x 768 - 64aRGB bpp (60 Hz): MODE NOT AVAILABLE
4096 x 768 - 64 bpp (60 Hz): MODE NOT AVAILABLE
4096 x 768 - 64aBGR bpp (60 Hz): MODE NOT AVAILABLE
4096 x 768 - 64 bpp (60 Hz): MODE NOT AVAILABLE

Failure detected.



```
R4DISP version 1.0, (c) Copyright ATI Technologies Inc, 2002
Log file generation enabled to .\R4DISP.LOG ...
Using forced BN=01h, DN=00h for detection ...
Using forced chip ID 00005960h for detection ...
Using forced I/O base address 9000h for detection ...
Using forced memory base F0000000h for detection ...
Using forced register base E0120000h for detection ...
Using forced ROM segment 0000C000h for detection ...
Using forced memory size 02000000h for detection ...
Using forced register aperture size 01000000h for detection ...
Using forced memory aperture size 01000000h for detection ...
Debug flag enabled ...
Installed modes are disabled ...
No ROM flag enabled ...
DEBUG: pcidevices    = 1
DEBUG: bn           = 01
DEBUG: dn           = 00
DEBUG: rom_seg      = 0000
DEBUG: io_base      = 9000
DEBUG: instance     = 0
DEBUG: rom_instance = 0
DEBUG: chip_type    = 5960
DEBUG: chip_version = 0
DEBUG: chip_foundary = 0
DEBUG: chip_minor   = 0
DEBUG: WinDetectFlag = 0

DEBUG: Set FB Base F0000000
DEBUG: Set FB Size 02000000
DEBUG: Set AGP Base F2000000
DEBUG: Set AGP Size 02000000
DEBUG: Set PCI Base F4000000
DEBUG: Set PCI Size 02000000
DEBUG: mem_size      = 02000000
DEBUG: reg_0_base    = E0120000
DEBUG: reg_1_base    = E1120000
DEBUG: reg_aper_size = 01000000
DEBUG: mem_0_base    = F0000000
DEBUG: mem_1_base    = F1000000
DEBUG: mem_aper_size = 01000000
DEBUG: agp_aper_offset = 02000000

Loading Checksum and Gui CRC data from RDF file 'C:\R400\GINA\R4DISP.RDF' ...
Checksum Data Done.
No GUI CRC Data loaded from RDF.
Warning: Pick mode 640 x 480 - index8 is not available.
[1 ] Basic Display(Standard Palette)                : FAIL
```



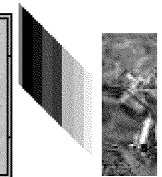
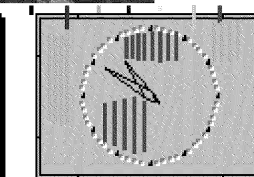
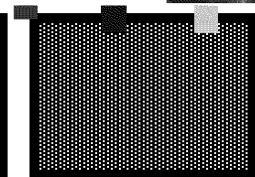
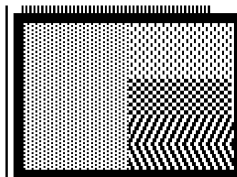
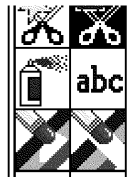
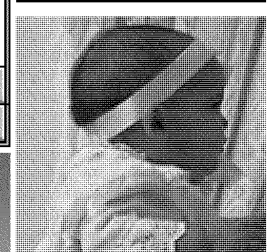
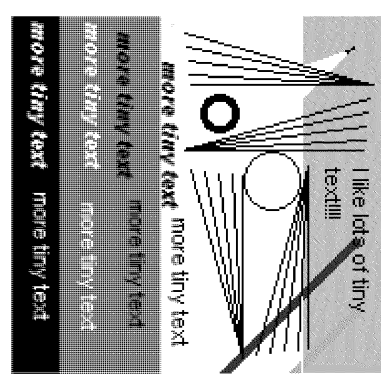
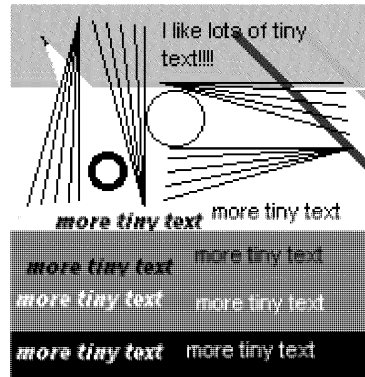
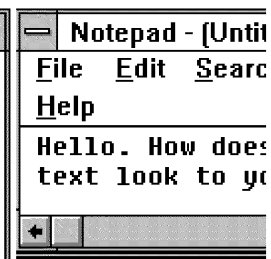
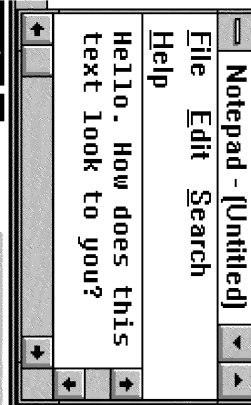

Serif 8 point CHANNEL V W T BOLD

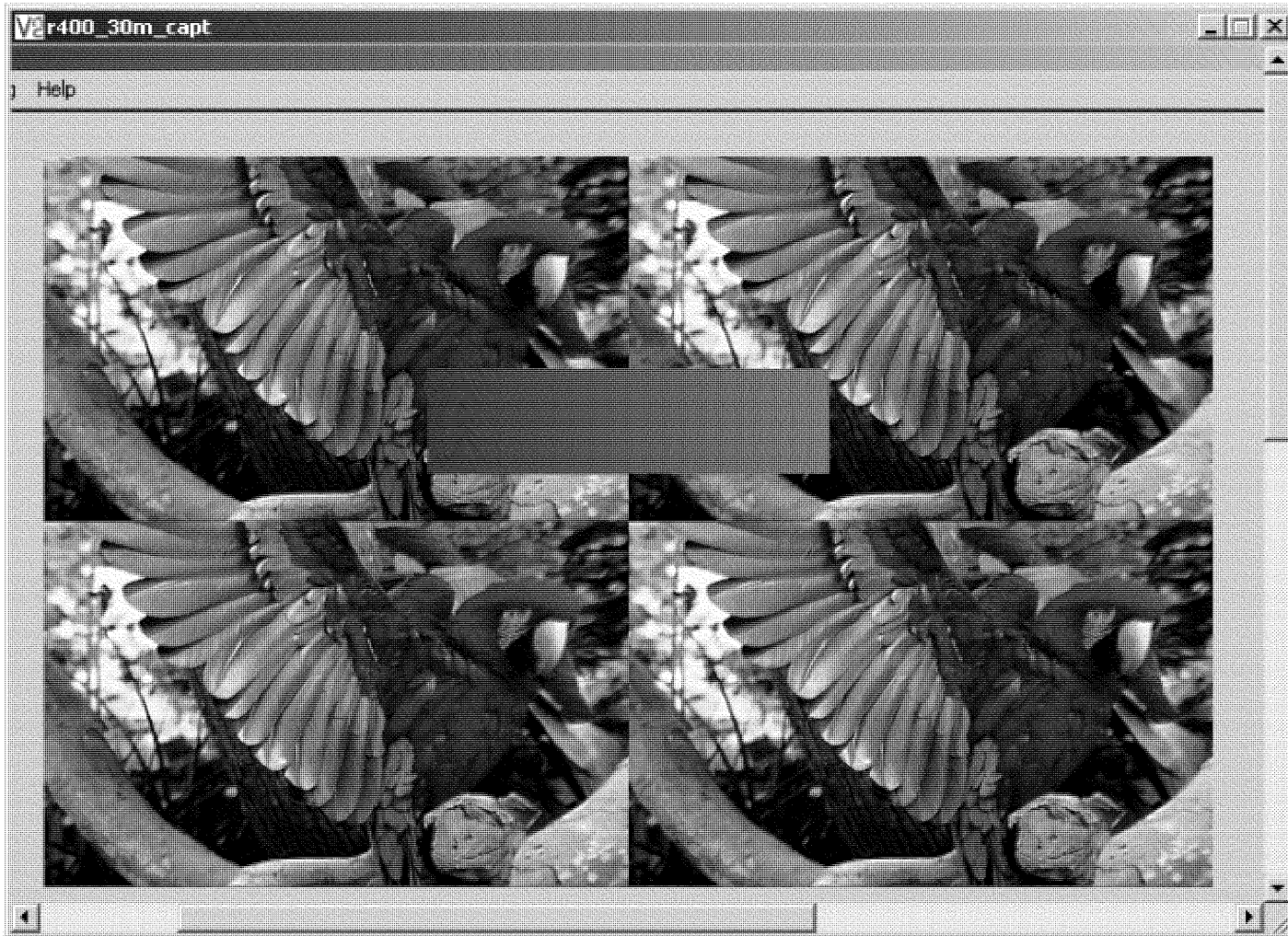
Serif 10 point CHANNEL V W T BOLD

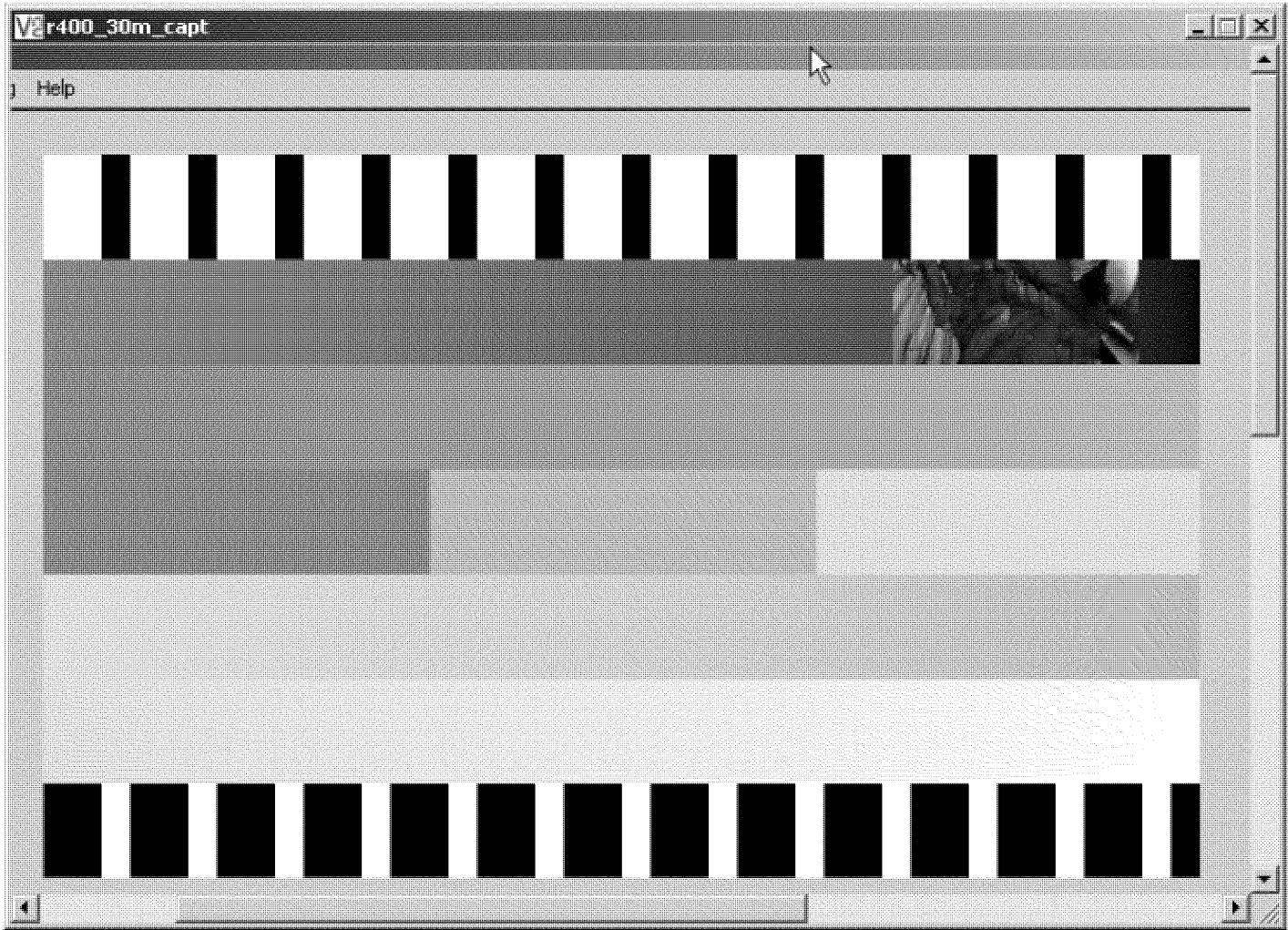
Serif 12 point CHANNEL V W T BOLD

Serif 14 point CHANNEL V W T BOLD

Serif 14 point CHANNEL V W T NOT BOLD







```

SYMBOD  EXE          37,021  10-16-05  5:00a
DBCIN1  DAT           219   03-07-03  11:53a
DBCOUT1 DAT           696   03-07-03  11:53a
LOGTRACE IC           399   03-05-03  2:28p
ATOMDIAC EXE      1,060,240  05-06-03  3:32p
ATOMDIAC HLP       43,646  04-14-03  5:37p
ATOMDIAC INI       1,219  04-22-03  2:12p
DBCIN    DAT          24    03-21-03  5:35p
DBCOUT   DAT         2,344  03-21-03  5:35p
DUMPL    DB           2,629  04-04-03  11:10p
EMPTY    RDD          937   02-04-03  12:13p
R300     RDD      1,785,018  04-11-03  2:29p
R400     RDD      963,657  04-14-03  5:37p
README   TXT          349   04-11-03  2:29p
PREVCA   DB           332   04-22-03  5:14p
BEFORE   RDD           3,124  04-10-03  12:39p
AFTER    RDD           3,124  04-10-03  1:52p
ATOMDIAC DOC       33,392  04-11-03  2:29p
ATOMDIAC PTH        295   05-06-03  3:32p
ATOMDIAC STR      210,754  05-06-03  3:32p
R400NOP  BIN         35,840  05-06-03  5:12p
      25 file(s)      4,521,003 bytes
      2 dir(s)        2,172.95 MB free

```

C:\NR400\ATOMDI05>



