



捷聯電子股份有限公司

Top Victory Electronics (Taiwan) Co., Ltd.

18F, No. 738, Chung-Cheng Rd, Chung-Ho, Taipei Hsien, Taiwan 臺北縣中和市中正路738號18樓 TEL: 886-2-82261668 FAX: 866-2-82261666

APPLICATION FOR CERTIFICATION
CLASS II PERMISSIVE CHANGE

on Behalf of

Top Victory Electronics (Taiwan) Co., Ltd.

19" Color Monitor

Model No. : 9G1rs

FCC ID. : ARSCM9950

Application No. : ATM-F99014

October 6, 1999



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APPLICATION FOR FCC CERTIFICATION
(CLASS II PERMISSIVE CHANGE)

Applicant : Top Victory Electronics (Taiwan) Co., Ltd.
Equipment : 19" Color Monitor
Model No. : 9GlrS
FCC ID. : ARSCM9950
TTEMC Report No. : TTEMC-F99152
File Number : ATM-G99478 (G99116, G98626)

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Letter of Authorization

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road,
Columbia, MD 21046

Date: [October 6, 1999](#)

Dear Sir,

This is your letter of authorization to accept our appointment of Richard Mullen, Manager / Safety & Compliance Consulting as agent for the following company :

Company Name : [Top Victory Electronics \(Taiwan\) Co., Ltd.](#)
Address : [18F, 738, Chung-Cheng Rd., Chung-Ho 235, Taipei Hsien, Taiwan, R.O.C.](#)

From now on, Richard Mullen will sign applications before the commission on our behalf, and receive exchange data between our company and the commission in connection with certification of the following [Top Victory Electronics \(Taiwan\) Co., Ltd.](#) product :

Equipment : [19" Color Monitor](#)
Model Number : [9Glr](#)
FCC ID. : [ARSCM9950](#)

Under FCC Docket Number 20780 and General Docket Number 89-103 pursuant to Part 15, Subparagraph B, of the Rules and Regulations of the FCC.

This authorization will expire one year from the date of this letter.

Sincerely Yours,

Frank Yang
Project Manager
[Top Victory Electronics \(Taiwan\) Co., Ltd.](#)



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Letter of Modification

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road,
Columbia, MD 21046

Date: [October 6, 1999](#)

Subject : Class II Permissive Change / [19" Color Monitor](#), FCC ID. : [ARSCM9950](#)
Original Granted [03/22/1999](#), Last Class II Change Granted [08/30/1999](#)

Dear Sir,

This letter services as our explanation that the subject certified product changed are [\(1\) to add a CRT \(Panasonic, M/N M46LQU280X01\) and a data cable \(Shielded, 1.8m with a ferrite core\)](#); [\(2\) to re-layout the video board for Top Victory 19" Color Monitor](#). The purpose of these changes is to upgrade the original model. All the other functions are same as before. Please refer to photographs.

[Top Victory](#) asked the Taiwan Tokin EMC Eng. Corp. to make a compliance testing according to FCC ANSI C63.4-1992 and get a compliance report to prove that those kinds of modifications on this base unit don't influence the noise emission level. [Top Victory](#) asks you to accept this as a Class II Permissive Change.

The modifications include the following :

1. Add a ferrite bead on Pin G of Q901.
@ Refer to Figure 6. (Page 12)
2. Add a ferrite bead on Pin 18 of T901.
@ Refer to Figure 6. (Page 12)
3. Add a ferrite core with 1 turn on the CN902 cable.
@ Refer to Figure 3. (Page 9)
4. Add a ferrite core with 3 turns on the P701 cable.
@ Refer to Figure 5. (Page 11)



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5. Add a ferrite core with 3 turns on the P702 cabel.
@ Refer to Figure 7. (Page 13)
6. Add a ferrite core with 3 turns on the P704 cable.
@ Refer to Figure 7. (Page 13)
7. Add a ferrite core with 3 turns on the P705 cable.
@ Refer to Figure 7. (Page 13)
8. Add a spring finger on the heat sink of Q711.
@ Refer to Figure 8. (Page 14)
9. Add a spring finger on the heat sink of Q721.
@ Refer to Figure 8. (Page 14)
10. Add a spring finger on the heat sink of Q731.
@ Refer to Figure 8. (Page 14)
11. Add bypass capacitors 100pF on Pin 2, 3, 4,5 of P705.
@ Refer to Figure 8. (Page 14)

If you have any quesations or require any other information, please do not hesitate to contact our agent.

Sincerely Yours,

A handwritten signature in black ink that reads "Frank Yang". The signature is written in a cursive, flowing style.

Frank Yang
Project Manager

Top Victory Electronics (Taiwan) Co., Ltd.

EXHIBIT 1.

Photographs

Photographs

From Page 7 to Page 14

Photographs

Figure 1.
Appearance (Front View)



Figure 2.

Appearance (Rear View & Data Cable)



Figure 3.
Internal Frame



Figure 4.
Frame of CRT

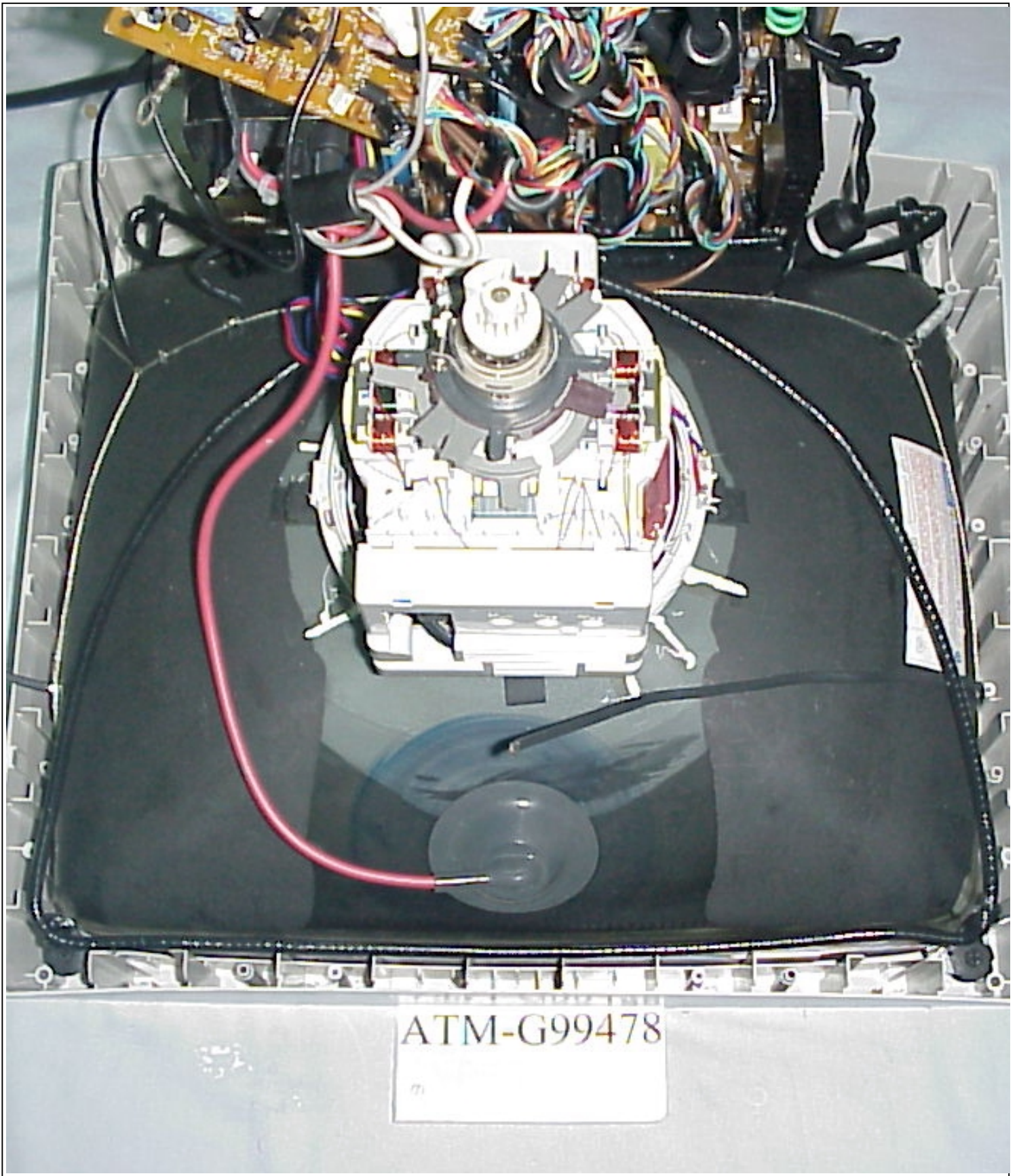


Figure 5.
Main Board (Component Side)

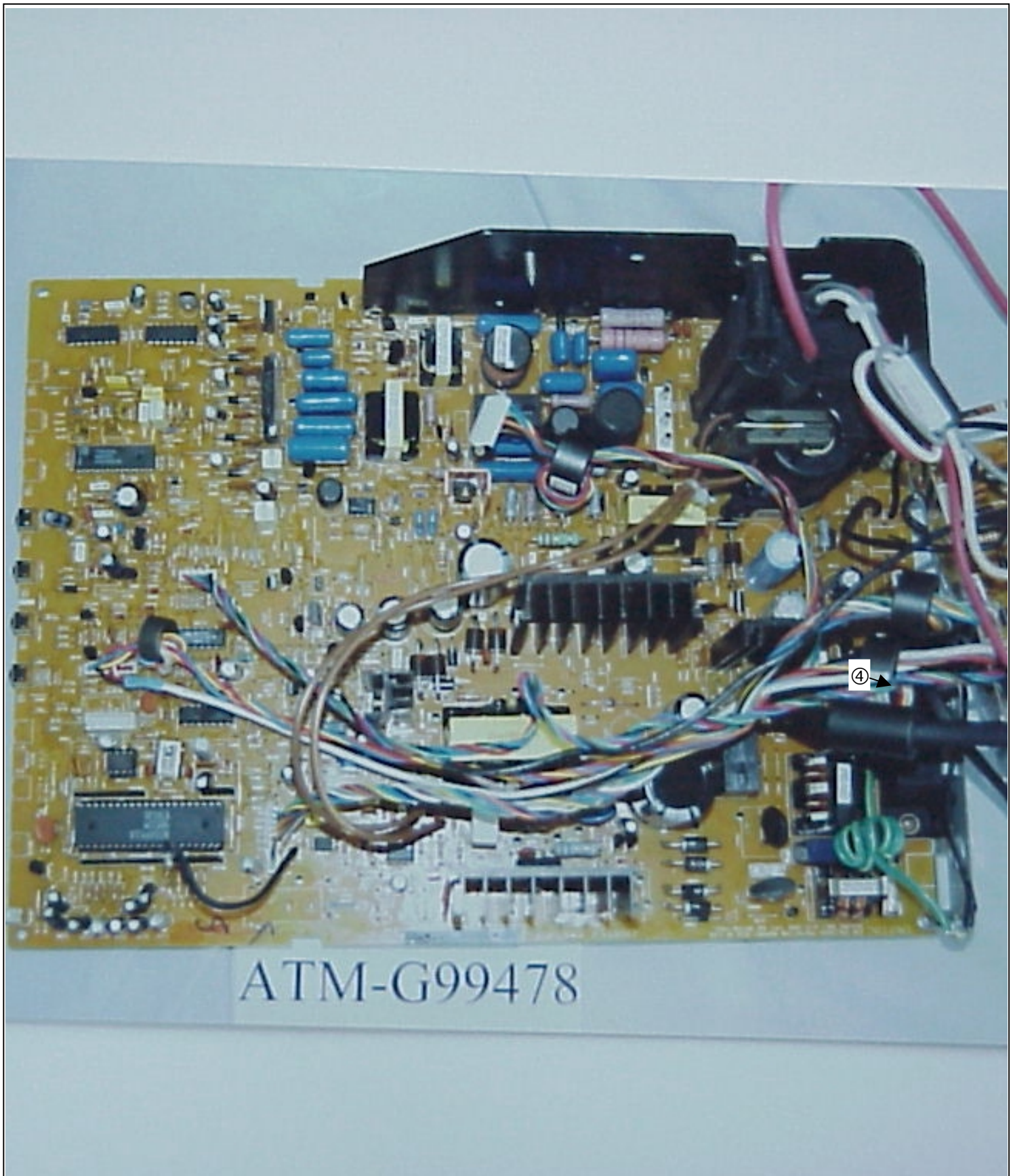


Figure 6.
Main Board (Foil Side)



Figure 7.

Video Board (Component Side)

ATM-G99478

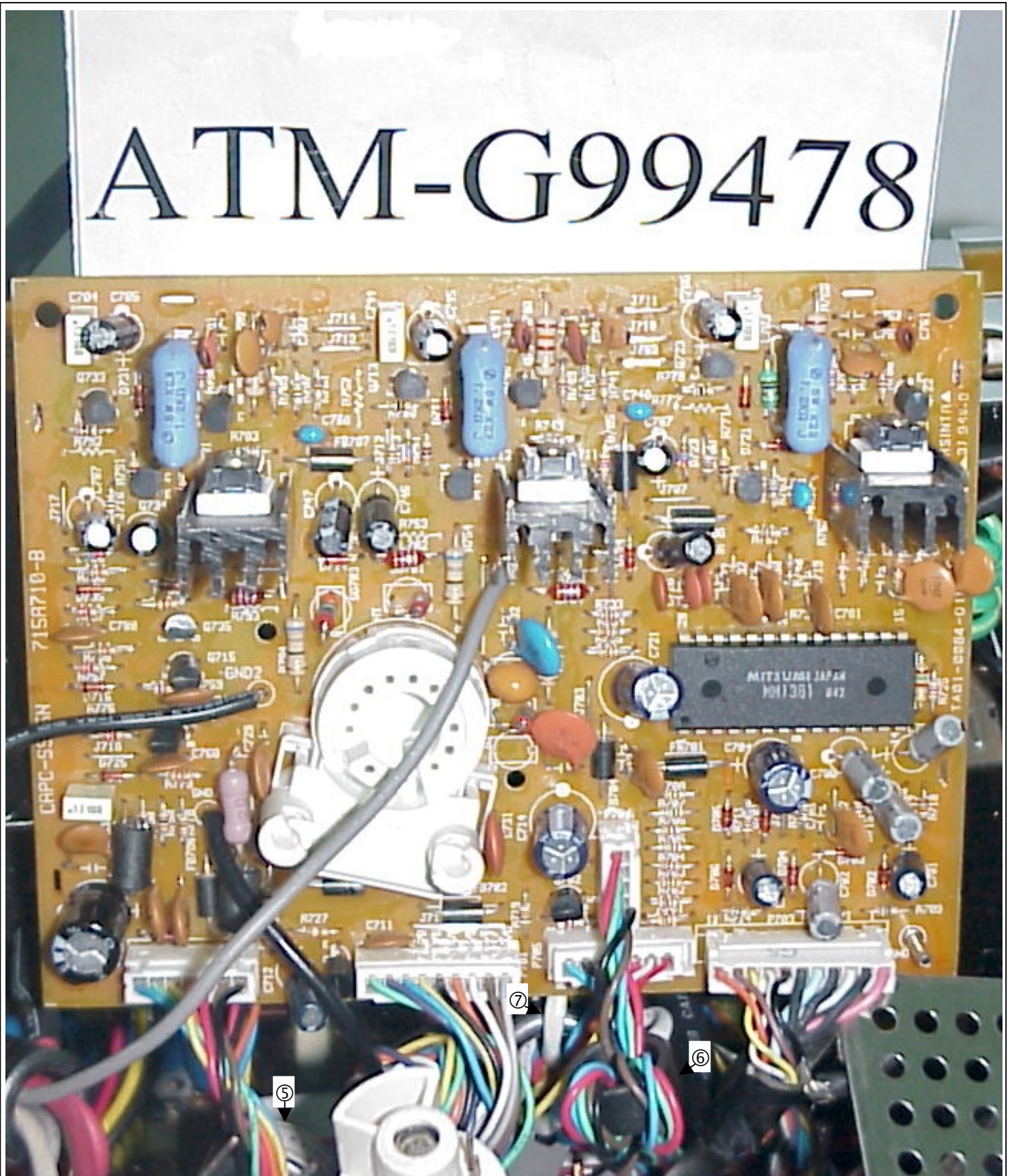


Figure 8.
Video Board (Foil Side)

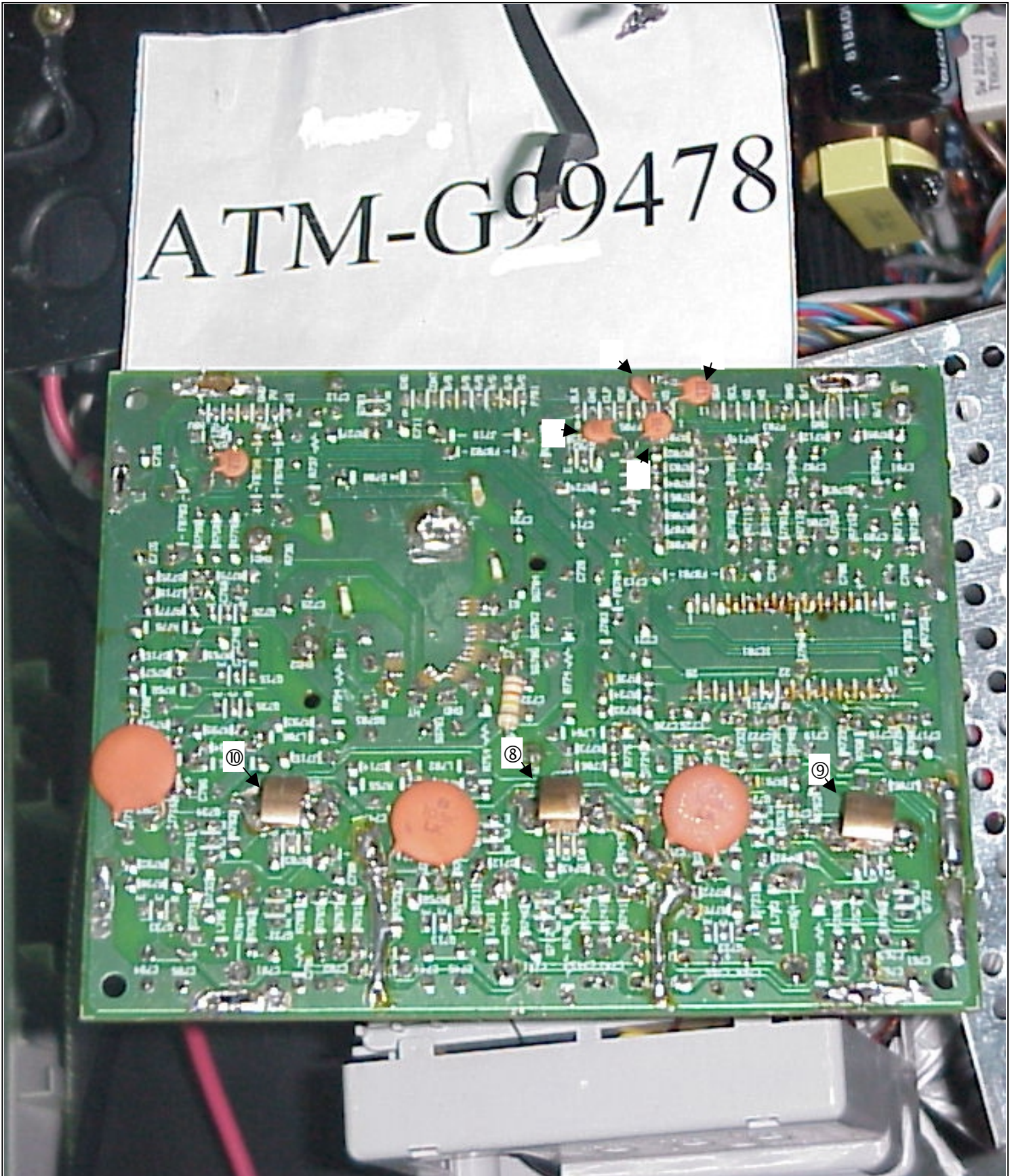


EXHIBIT 2.

EUT and Simulators Configuration

EUT AND SIMULATORS CONFIGURATION

Description of EUT

Applicant : Top Victory Electronics (Taiwan) Co., Ltd.
18F, 738, Chung-Cheng Rd., Chung-Ho 235,
Taipei Hsien, Taiwan, R.O.C.

Manufacturer : Top Victory Electronics (Fujian) Co.
Yuan Hong Rd., Shang-Lu Fuqing City,
, Fujian, China.

Product Name : 19" Color Monitor

Model Number : 9GlrS

FCC ID : ARSCM9950

CRT #1
(Last Granted) : Panasonic
M/N M46LNS180X18

CRT #2
(Add) : Chunghwa
M/N M36AJN83X46

CRT #2
(Add) : Panasonic
M/N M46LQU280X10

Horizontal Freq. : 30KHz to 95KHz

Vertical Freq. : 50Hz to 150Hz

Resolution (Max.) : 1600*1200, Non-Interlaced

Data Cable #1
(Last Granted) : Shielded, Undetachable, 1.5m
Bonded two ferrite cores

Data Cable #2
(Add) : Shielded, Undetachable, 1.8m
Bonded two ferrite cores
(one on outside rear PC, other on inside)

**Data Cable #3
(Add) : **Shielded, Undetachable, 1.8m
Bonded a ferrite core****

Power Cord : Non-shielded, Detachable, 1.8m

TTEMC Report No. : TTEMC-F99152

Date of Test : Sep. 14 ~ 23, 1999

Remarks: This EUT is a modified version of original FCC ID.: ARSCM9950.

The details of difference are as follows:

(1) to add a third source of CRT (Panasonic, M/N M46LQU280X10) and a data cable (Shielded, 1.8m with a ferrite core).

(2) to re-layout the video board.

Description of Simulators

@ Personal Computer

Mother Board : ASUS, M/N P2L97
FCC by DoC
CPU : Intel Pentium II 233 MMX
Case : Enlight, M/N EN7230
F.D.D. : Mitsumi, M/N D359T6
H.D.D. : Seagate, M/N ST32122A
S.P.S. : Powertech, M/N PT-6145DE3
VGA Card : C.P., M/N CM64SD
FCC By DoC

@ Keyboard

Model Number : 5121
Serial Number : J83300819
FCC ID : E5XKBM104M10UC
Manufacturer : BTC

@ USB Keyboard

Model Number : KU-8933
Serial Number : 8H17800114
FCC ID : By DoC
Manufacturer : Chicony Electronis Co., Ltd.

@ Printer

Model Number : 2225C+
Serial Number : 3007S68643
FCC ID : DSI6XU2225
Manufacturer : Hewlett Packard

@ Model #1

Model Number : DM-1414
Serial Number : 980034392
FCC ID : IFAXDM1414
Manufacturer : Aceex

@ Model #2

Model Number : DM-1414
Serial Number : 980034391
FCC ID : IFAXDM1414
Manufacturer : Aceex

@ PS2 Mouse

Model Number : M-S35
Serial Number : LZA82103138
FCC ID : DZL211029
Manufacturer : Logitech

@ Earphone

Model Number : N/A
Serial Number : N/A
Manufacturer : Panasonic

@ USB Gamepad

Model Number : INT-002
Serial Number : N/A
FCC ID : CWTEAK032
Manufacturer : Alps

EXHIBIT 3.

Test Report

Test Report

TTEMC-F99152