

Nihon Philips Corporation

Tokyo  
Japan

Kopu. H.H. Wassenaar ✓  
Rajstake  
Schell  
v Kemnade



*return Mr. Reids perstaud*

**PHILIPS**

N.V. Philips' Gloeilampenfabrieken  
Eindhoven, The Netherlands

P.O. Box 13, World Trade Center  
Hamamatsu-cho, Minato-ku, Tokyo.

Attn: Mr. E.K. Modderman/Elcoma BA

our ref KT/003/4

subject

Tel. Tokyo (03) 435-5211  
Osaka (06) 231-7871

date 10 January, 1977

Re Iwatsu Claim Report

Dear Mr. Modderman,

As already have sent telexes, we will enclose here the report on rejected C.R.T. Questionnaire W-223 for 9 pcs which we would like to have your analysis of the tubes.

With best regards,

Yours faithfully,

P.O. NIHON PHILIPS CORPORATION

K. Taniguchi

Elcoma Division.

*Kiyoshi Taniguchi*

From Sales Organization	: Nihon Philips Corporation	
Type No.	: D13-500GH/01	
Invoice No.	: 540/0262.02	540/0254.02
Invoice Date	: 1976-10-29	1976-10-19
Defective Q'ty	: 6 pcs	4 pcs (*)
Tube No. ;	518969, 524499	546071, 524515
	518946, 618843	522913
	618841, 442923	
Order No. :	642-313, 345, 046	642-345

\* 1 pce out of 4 pcs has been rejected on bubbles and has been returned to EHV. (W-222)

Indenter : Iwatsu Co., Limited.

540/0262.02..... 6 pcs

Tube No.

Reason for Rejection

1. 518969

\*Adjustment of tube at approx. 8  $\mu$ A beam current and displaying sin wave. By shifting sine wave in X direction sine wave disappears from screen at approx. 2 divisions from right hand side (deshadow effect).(A)

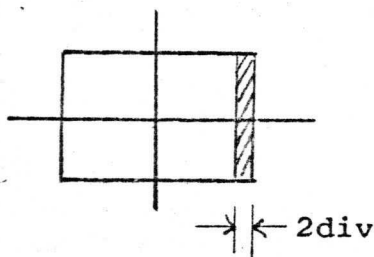
\*Too high cathode current for optimal focus setting.

2. 524499

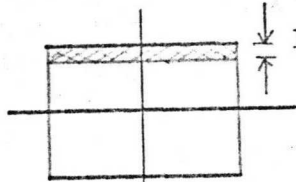
\*Oxydation of connecting pins

\*Similar effect as indicated by item 1(A).

\*Remarkable difference in focus quality between center and edge.

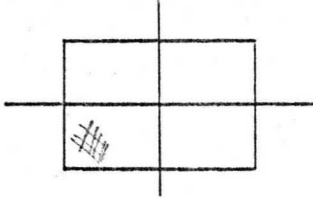


3. 518946



\*Displacement of sine wave at a beam current level of 5 uA stop shift of sine wave in vertical direction. Top of sine waves disappear within useful display area particularly at right hand side.

4. 618843

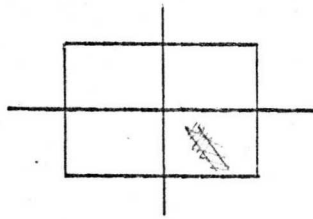


\*Dust on mesh. Iwatsu has tried to remove dust from mesh. But did not succeed.

5. 618841

\*Air leakage along pin connected to deflection plate. Metal cap on pin was loose.

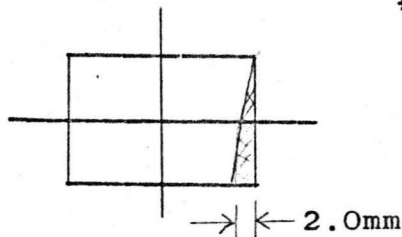
6. 442923



\*Difference in brightness level between top and center of a displayed sine wave. At low brightness level displayed picture at top of display area disappears. Minor defect but not acceptable for Iwatsu.

540/0254.02..... 3 pcs

7. 546071



\*Display of single vertical line. Shift of displayed vertical line in X direction to edge. Lower end of vertical line is bent 2 mm towards the center. Specification as agreed upon by EHV. is 1.2 mm.

8,9 524515

522913

\*Serious oxydation of connecting pins. Iwatsu metal qual lab department recommends not to use these tubes in view of further deterioration. Visually rejected.

ZCZC YBA439 111320 PHE417 TK0366

RR NPHEBA LGR

249

+++

1976 1977-1-11

ELCOMA BA

MODDERMAN

CC: GRAAT-NPC

REF FURTHER REJECTS OF D13-500GH/01 BY IWATSU STOP  
4 PCS OUT OF 10 PCS WERE REJECTED BY IWATSU VISUAL  
INSPECTION BECAUSE OF SERIOUS OXYDATION OF CONNECTING  
PINS STOP PLS RETEL IMM RETURN REFERENCE NUMBER  
FOR 4 PCS REJECTS WITH FOLLOWING TUBE NRS AS

QUESTIONNAIRE W-224 STOP

W-224 INVOICE NO. 540/0298.01

INVOICE DATE 30/11/76

DEFECTIVE Q'TY 4 PCS

TUBE NO. 618850, 606979, 524492, 522920

RGDS

TANIGUCHI NIHPHIL

111220

NNNN

9694-10151 - HVV - 7219-409

Kopie: HH, Wassenaar

Radstake

v. Kemnade

+ i. Hr. Deekers

Hr. Dengel

Hr. Mulder

Hr. Piper

Hr. Schell

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Centrale Telegraf- en Telexafdeling

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