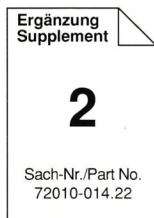


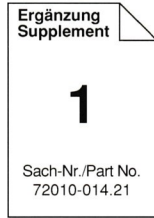
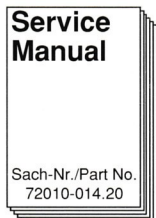


D Btx * 32700 #



Zusätzlich erforderliche Unterlagen für den Komplettservice:

Additionally required Service Manuals for the Complete Service:



**CUC 1822
CUC 1800**

**ST 72-161 IDTV
ST 72-161/9 IDTV**

(9.21317-01 / GCB 3161)

(9.21317-02 / GCB 3269)

**M 55-105 IDTV
M 55-105/9 IDTV**

(9.21331-01 / GCA 6790)

(9.21331-02 / GCA 6890)

Grundig passion

D

GB

Für dieses Gerät gilt das Service Manual CUC 1822/23/52 .
Dieses Manual beinhaltet die Unterschiede bzw. zusätzlichen Bestückungen der Geräte.

Die Bausteinbestückung und die Sachnummern der einzelnen Bausteine entnehmen Sie bitte der Tabelle Seite 3.

Grundlage für den Service sind:

- Sicherheitsvorschriften (Sach-Nr. 72010-800.00)
- Service Manual CUC 1822/23/52 (Sach-Nr. 72010-014.20)
- 1. Ergänzung CUC 1822/24/82/93 (Sach-Nr. 72010-014.21)

For this TV set the Service Manual CUC 1822/23/52 is applicable .
This Manual contains the differences and the additionally fitted modules of the TV receivers.

The individual modules and the relevant part numbers are listed in the table on page 3.

Basic instructions for servicing are given in the:

- Safety Instructions (Part No. 72010-800.00)
- Service Manual CUC 1822/23/52 (Part No. 72010-014.20)
- 1st Supplement CUC 1822/24/82/93 (Part No. 72010-014.21)

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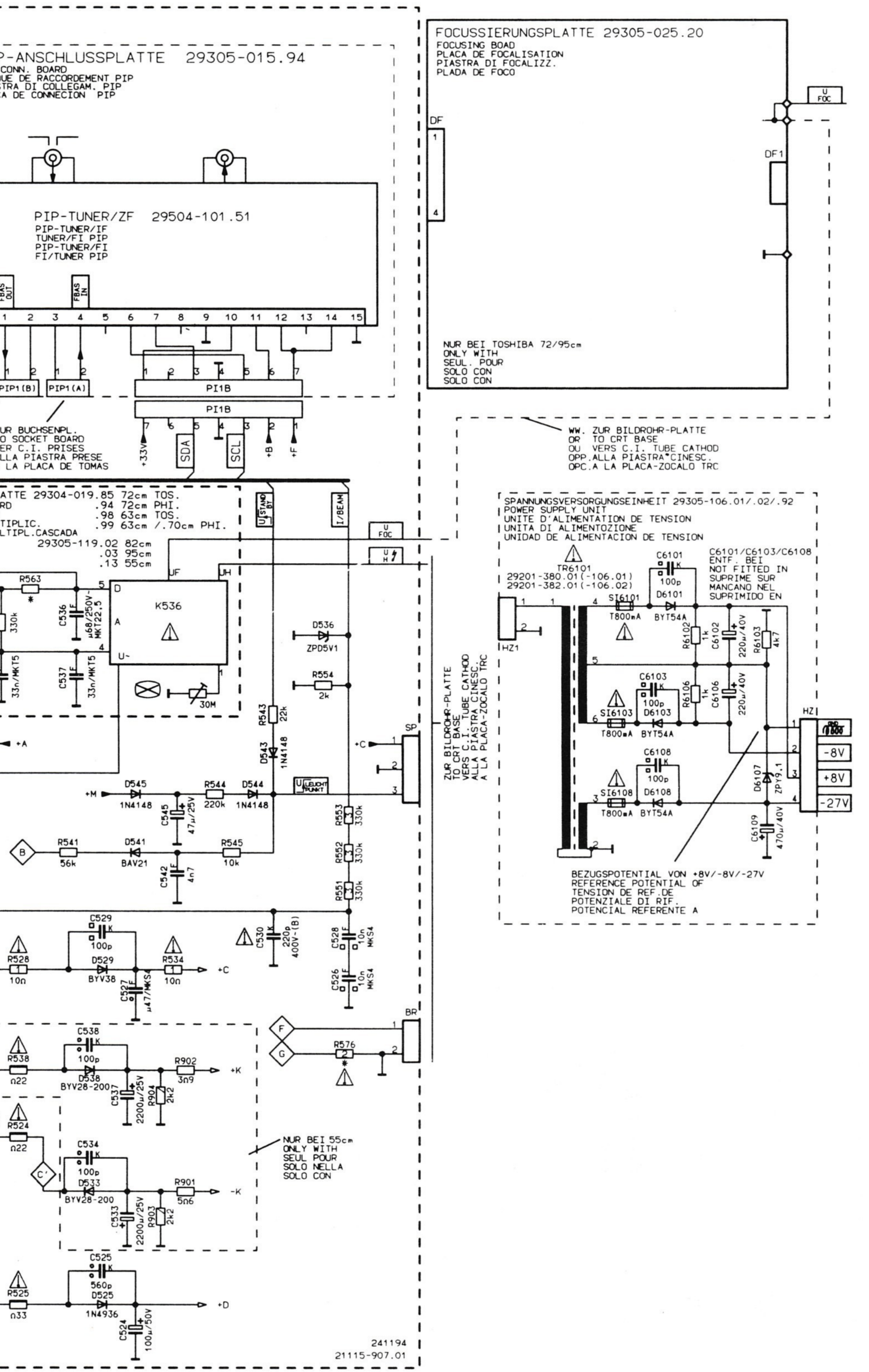
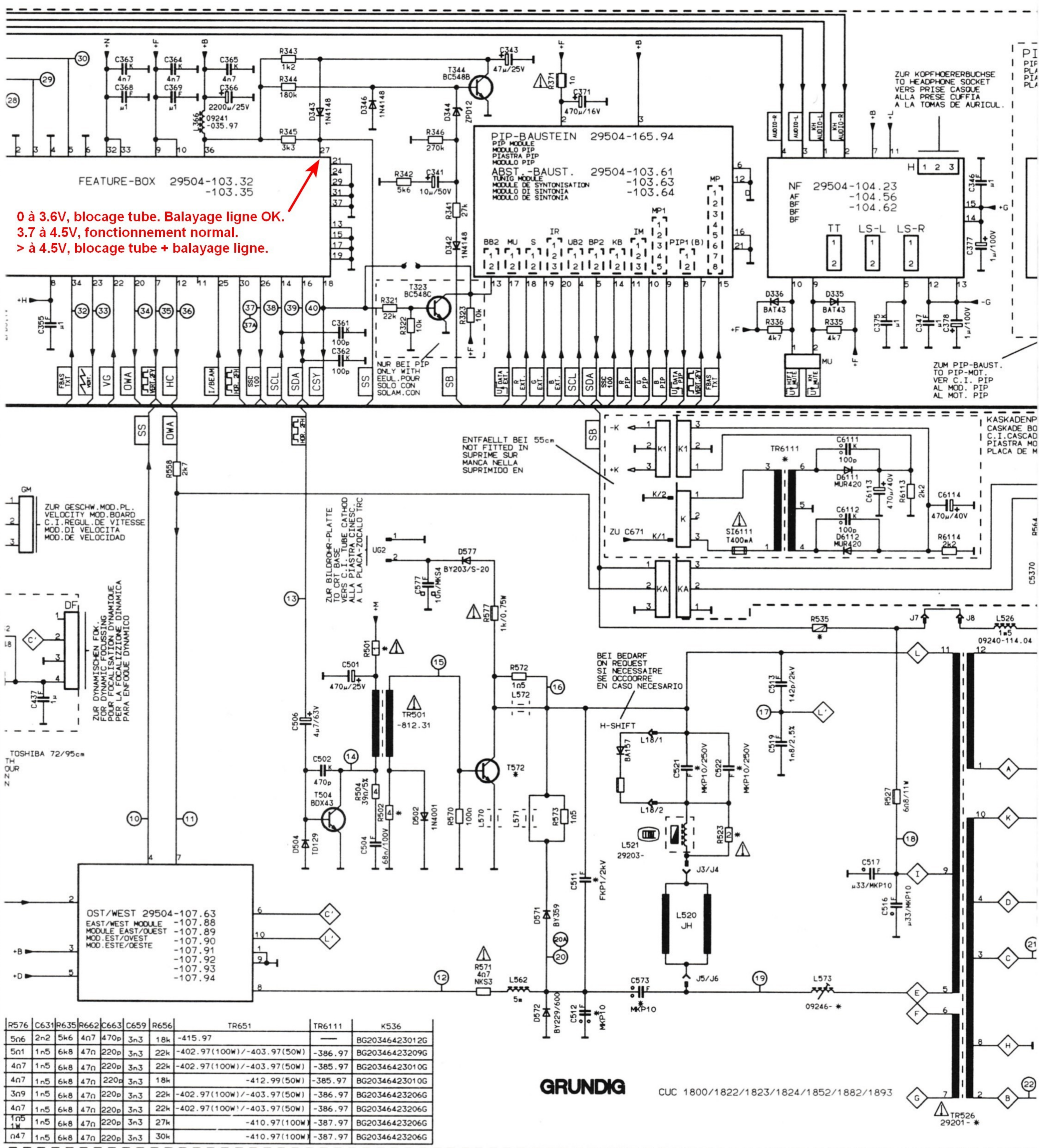
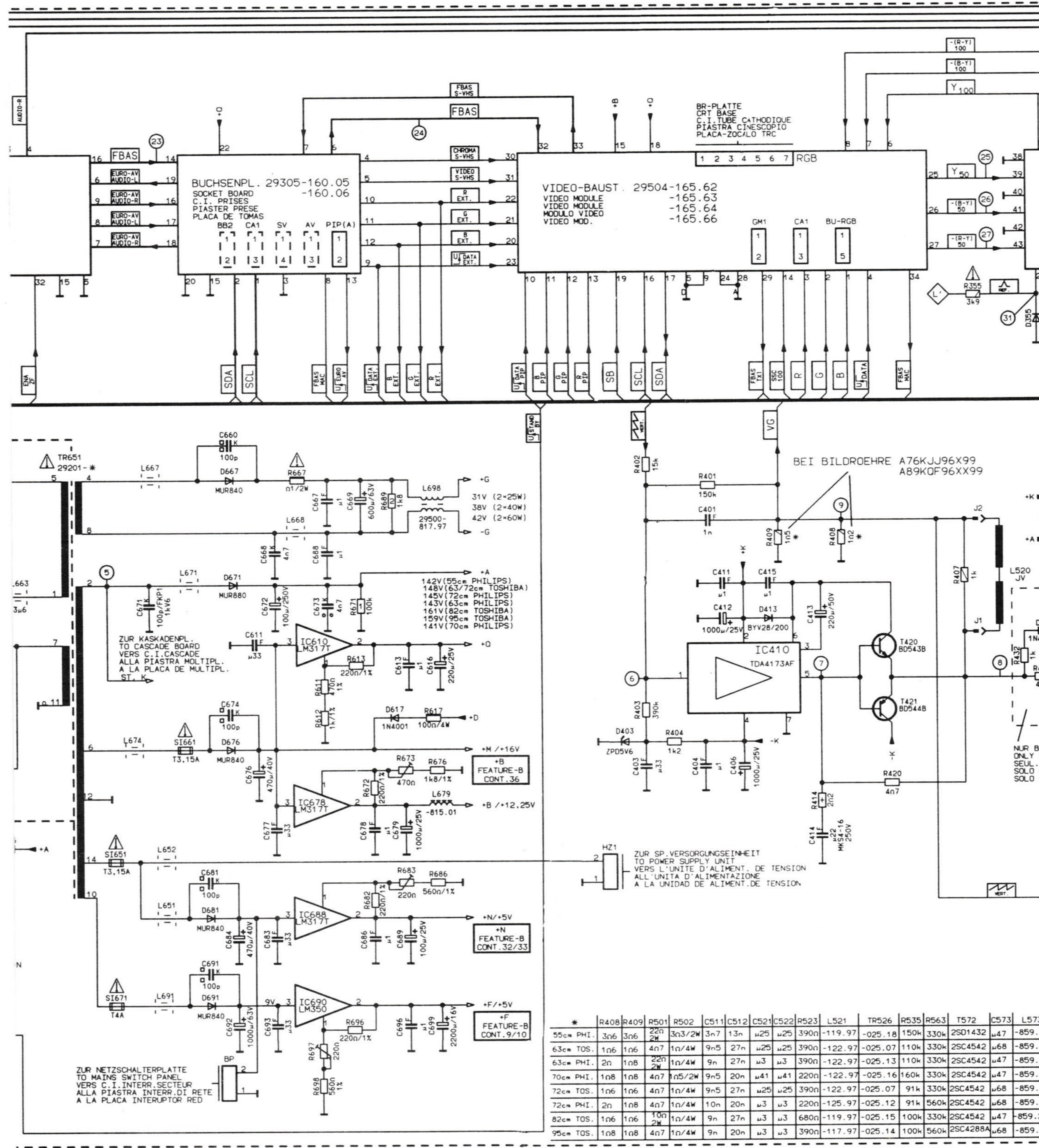
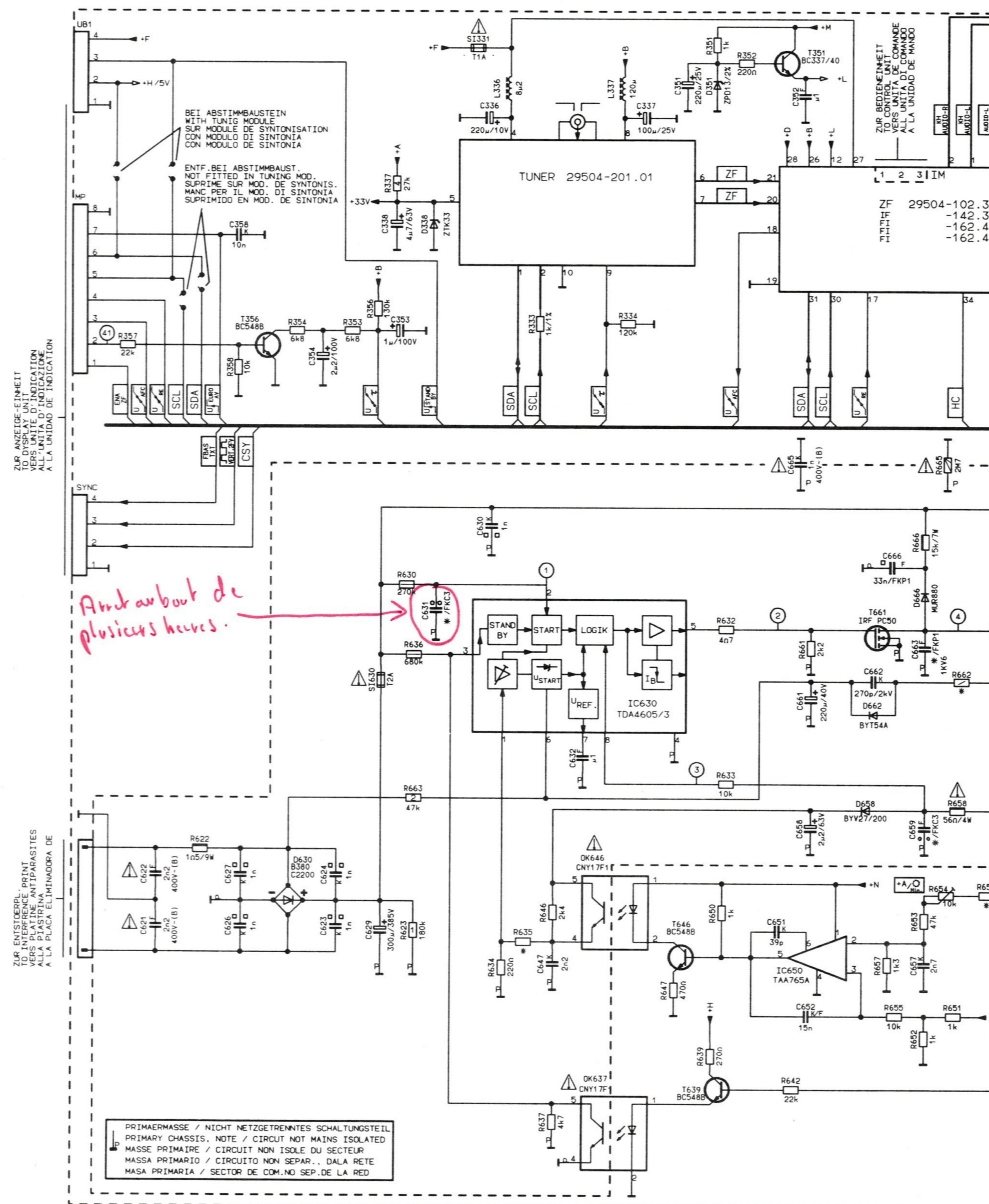
Gesamtschaltplan / General Circuit Diagram

Achtung!

Bei Messungen auf der Fokussierungsplatte nur ausreichend isolierte Meßleitungen und spannungsfeste Tastköpfe (z. B. 100:1) verwenden.

Attention!

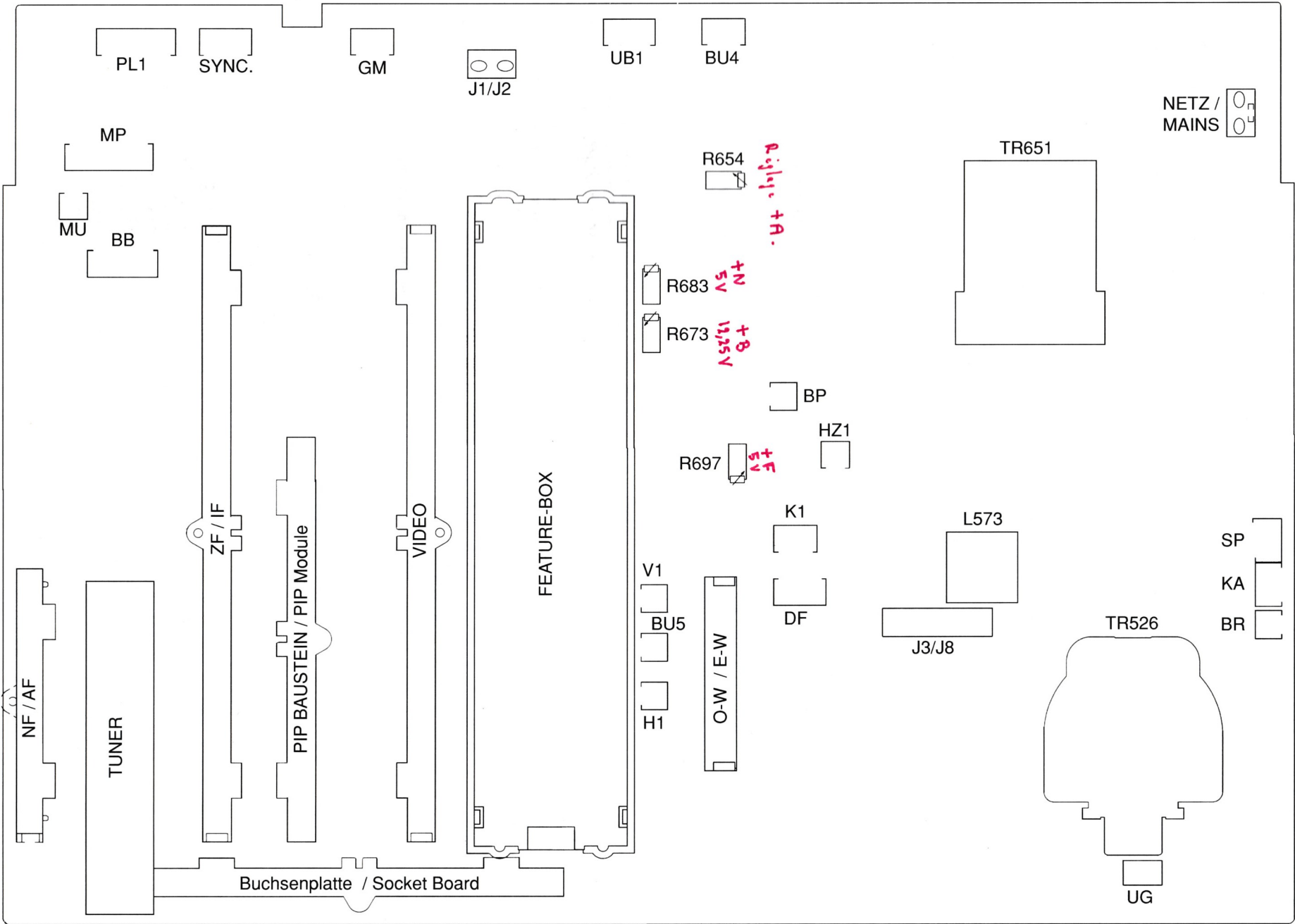
For measurements on the focus control panel use only sufficiently insulated measuring cables and test probes with adequate electric strength (eg. 100:1).



Achtung! Bei Messungen auf der Fokussierungsplatte nur ausreichend isolierte Meßleitungen und spannungsfeste Tastköpfe (z. B. 100:1) verwenden.

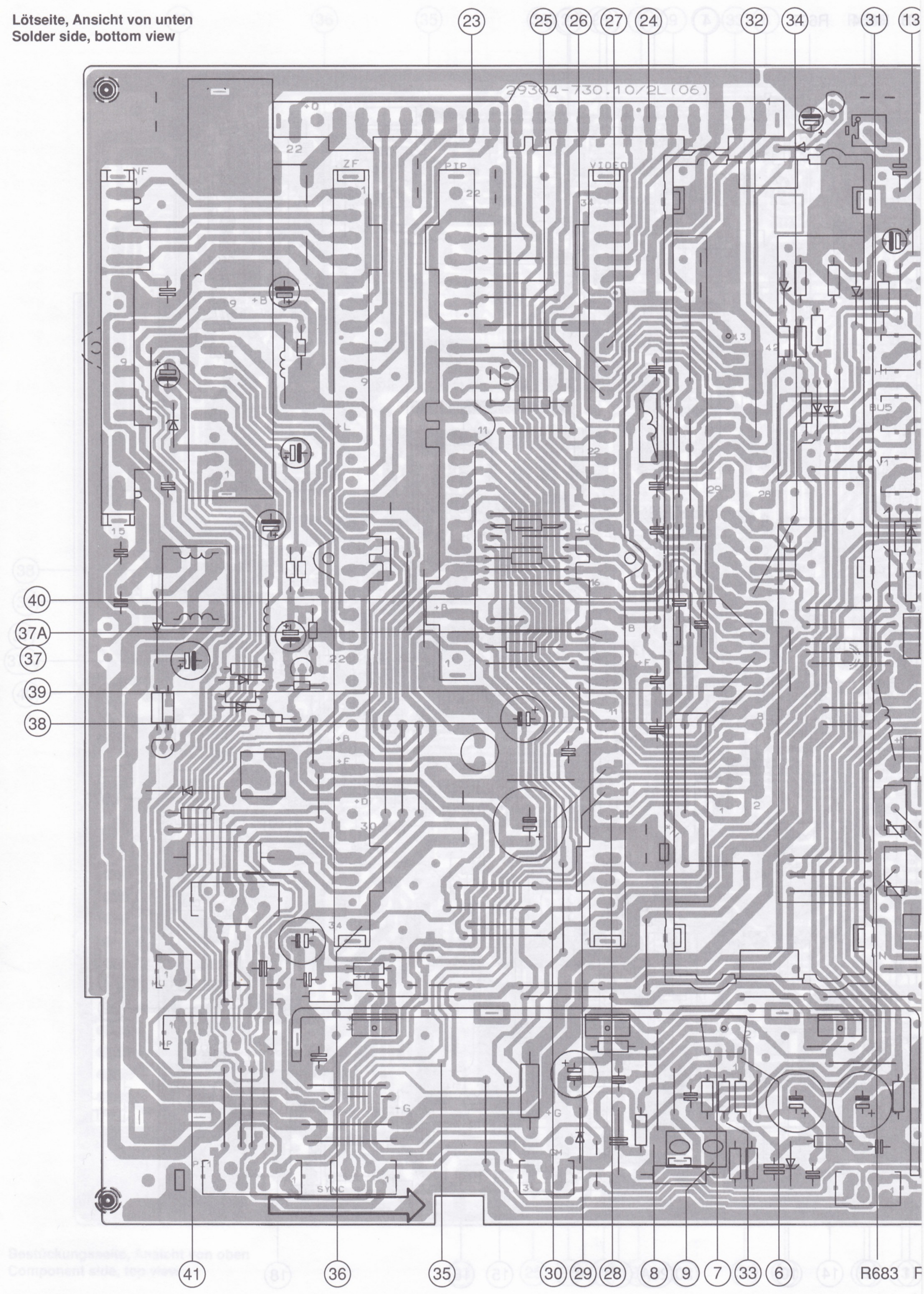
0 à 3.6V, blocage tube. Balayage ligne OK.
3.7 à 4.5V, fonctionnement normal.
> à 4.5V, blocage tube + balayage ligne.

Abgleichlageplan / Alignment Layout



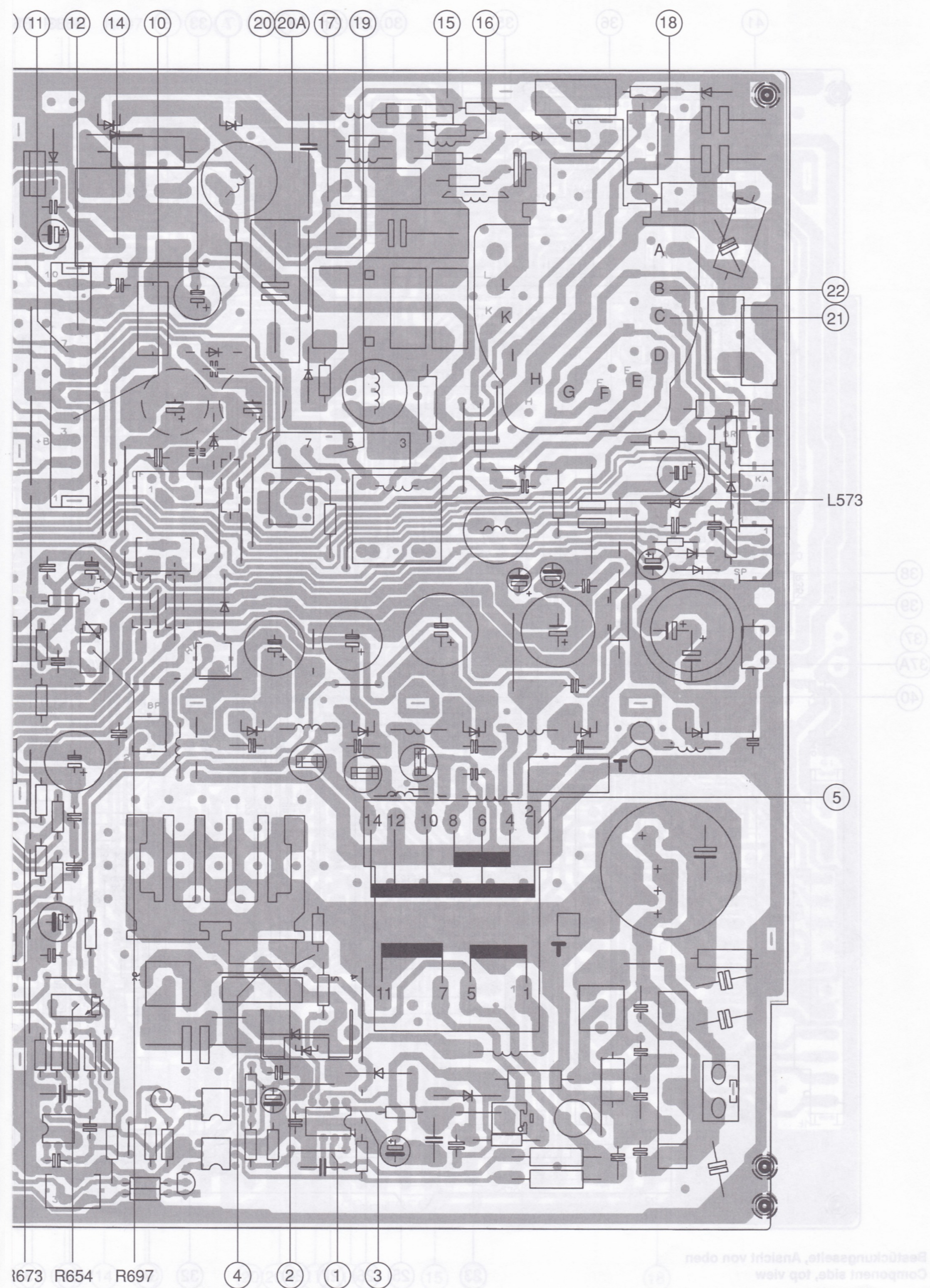
Chassisplatte / Chassis Board

Lötseite, Ansicht von unten
Solder side, bottom view

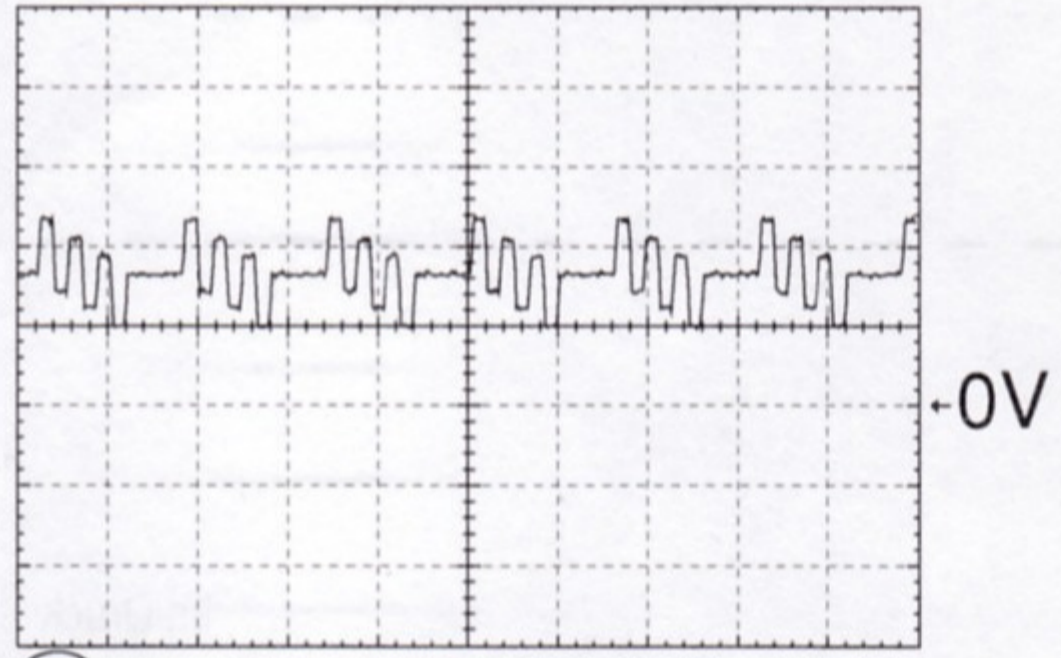


Bestückungsseite, Ansicht von oben
Component side, top view

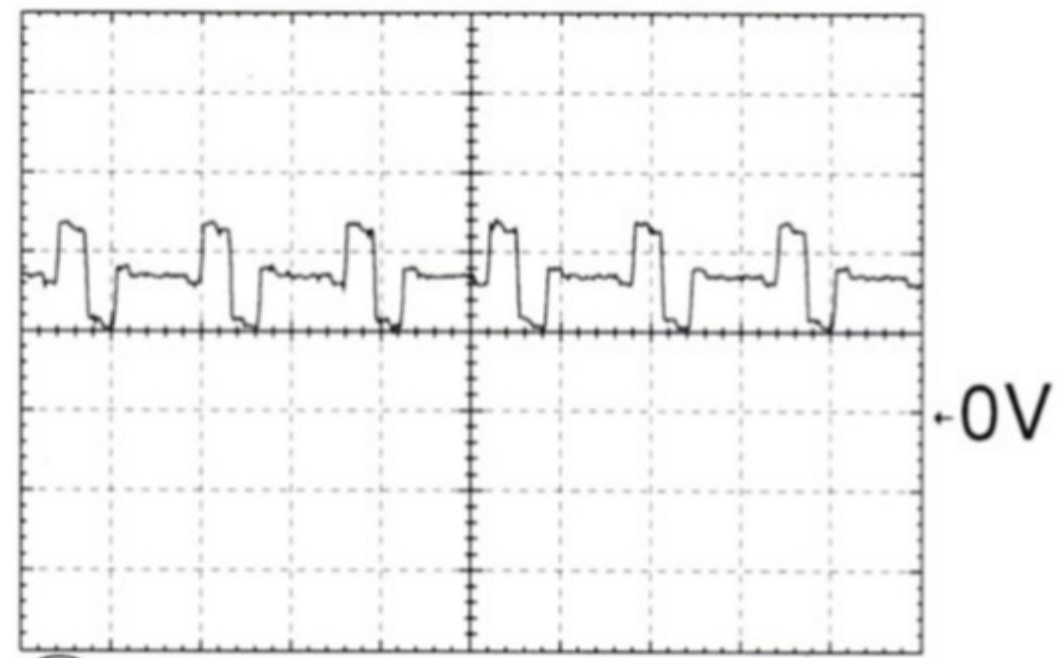
Chassisplatte / Chassis Board



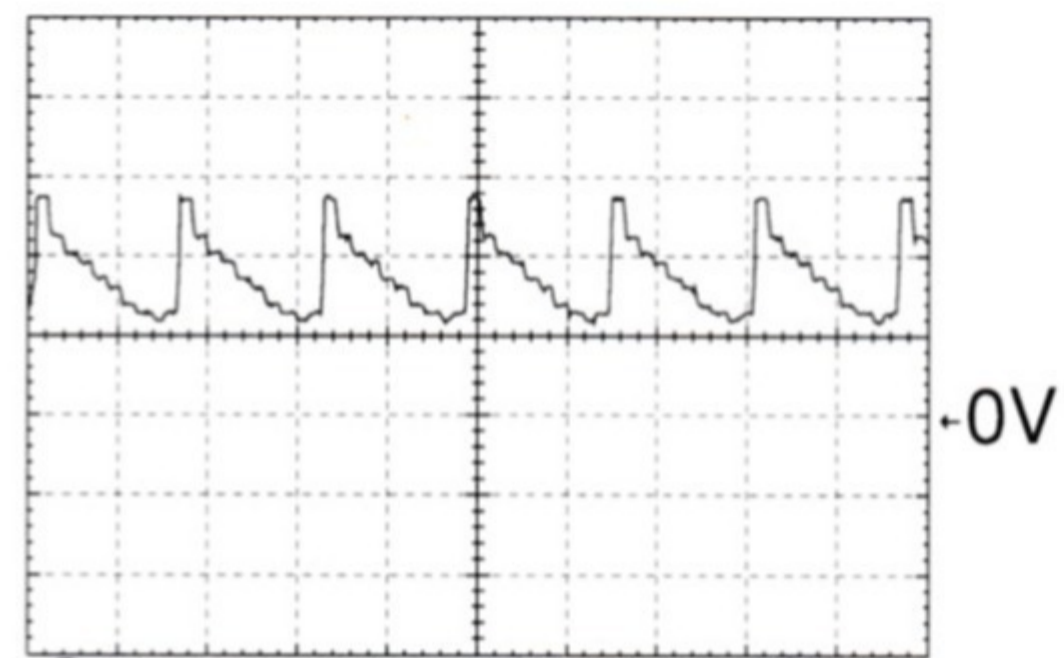
Bestückungsseite, Ansicht von oben
Component side, top view



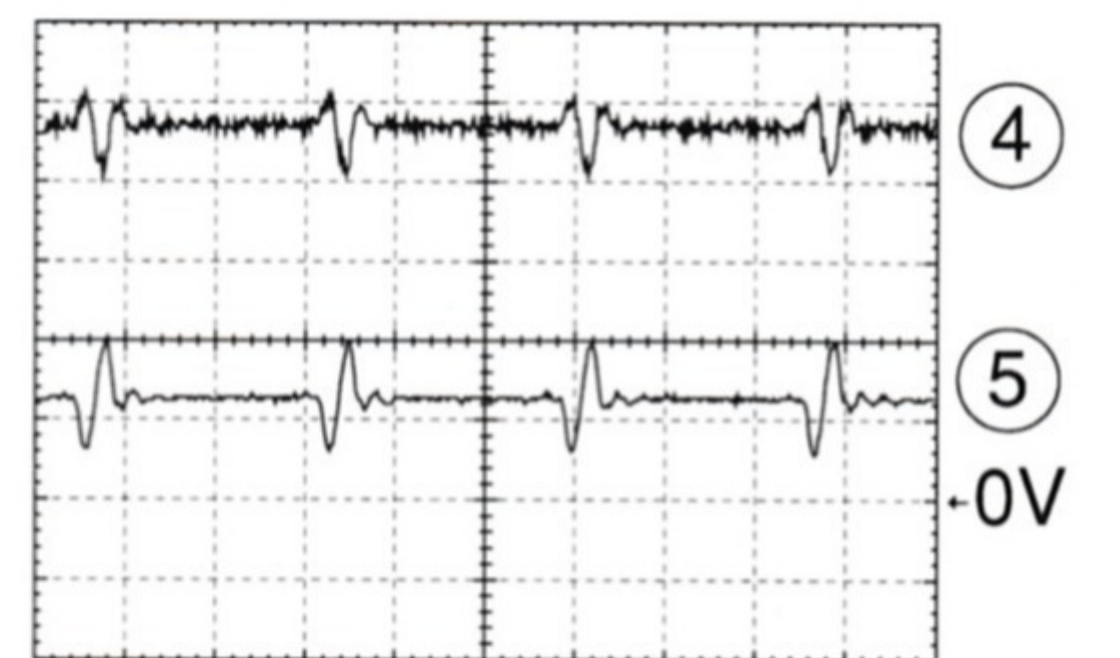
① 1V/cm, 20µs/cm



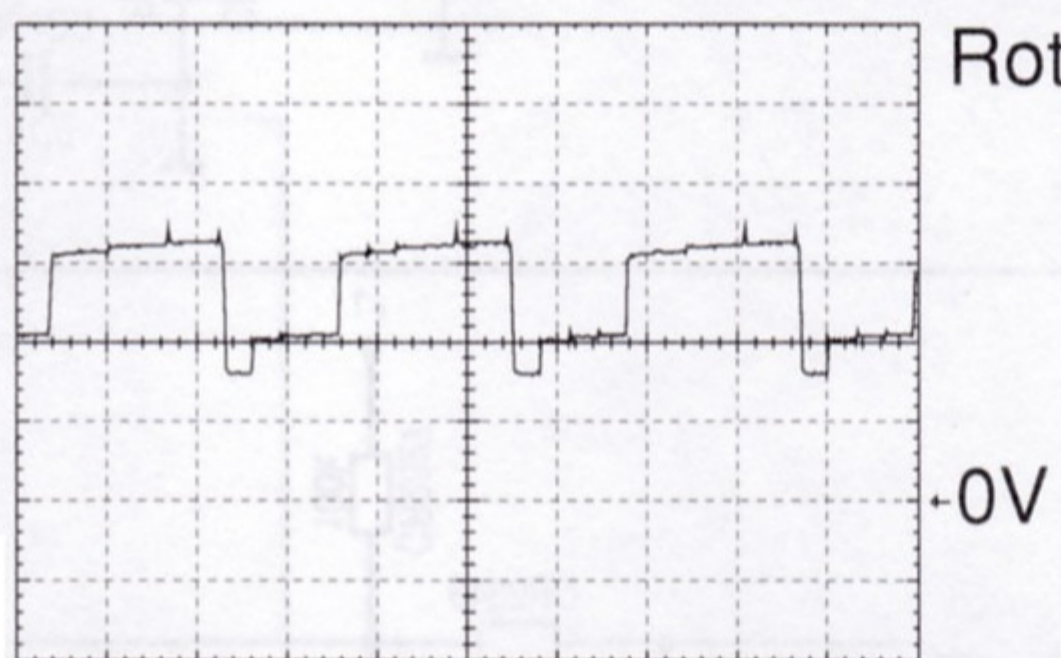
② 1V/cm, 20µs/cm



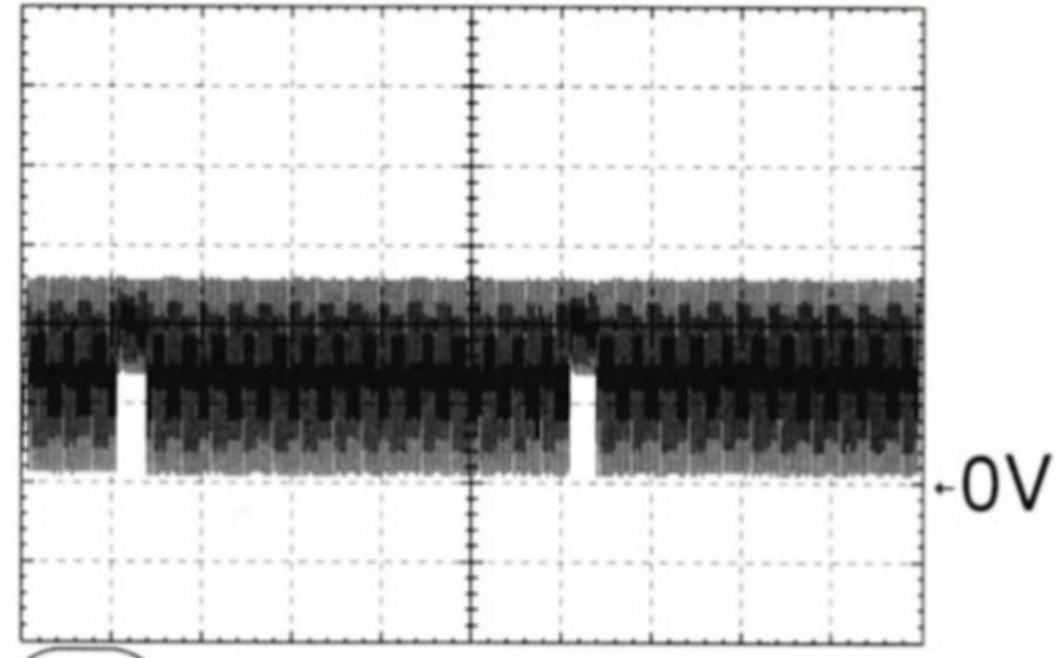
③ 1V/cm, 20µs/cm



④ 200mV/cm, 500ns/cm
⑤ 5V/cm, 500ns/cm
mit Gittermuster
with grid pattern



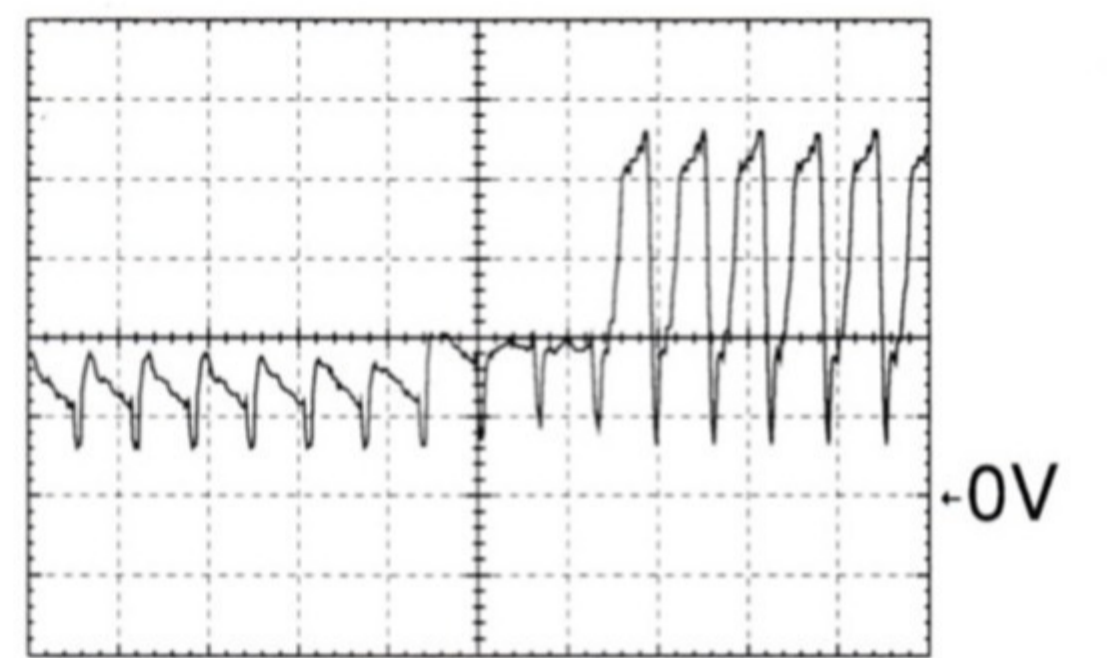
⑥ 50V/cm, 10µs/cm



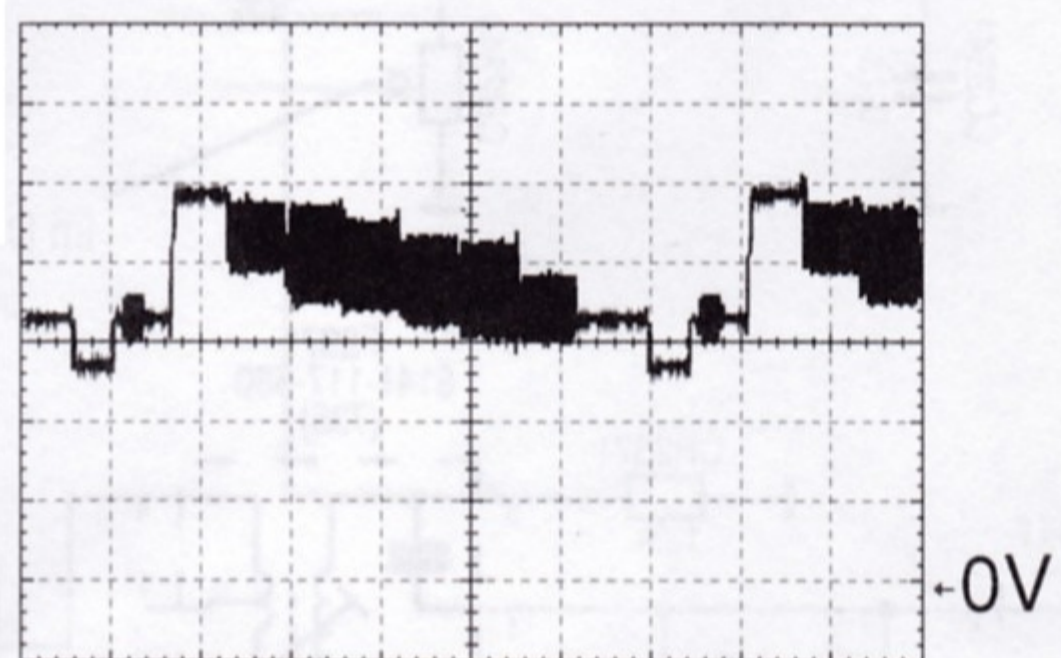
⑥A 2V/cm, 2ms/cm



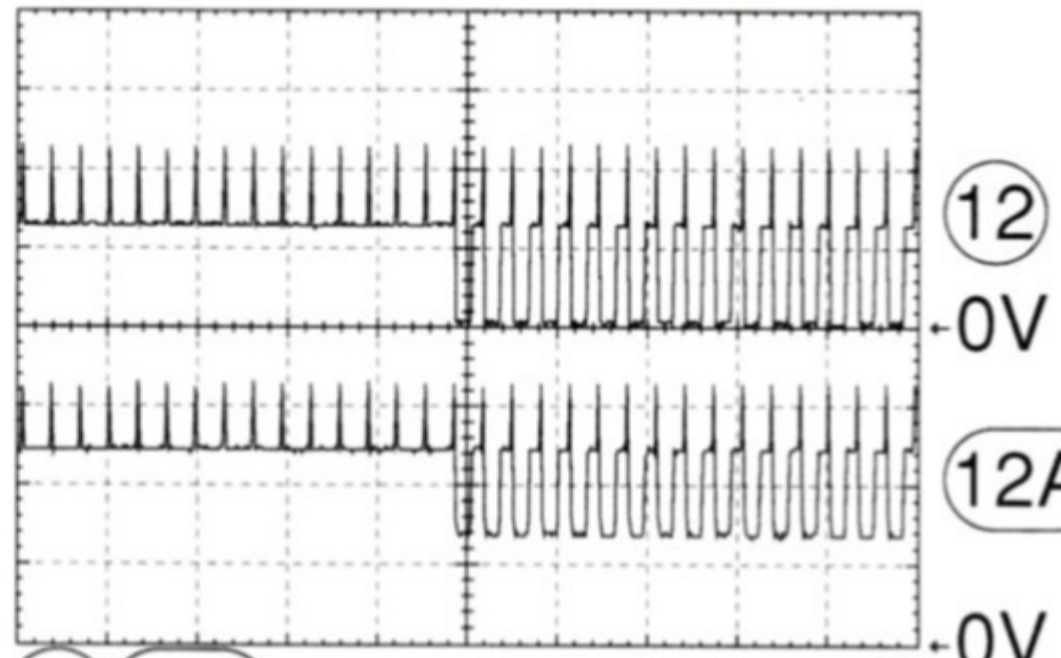
⑦ ⑧ ⑨ 2V/cm, 10µs/cm



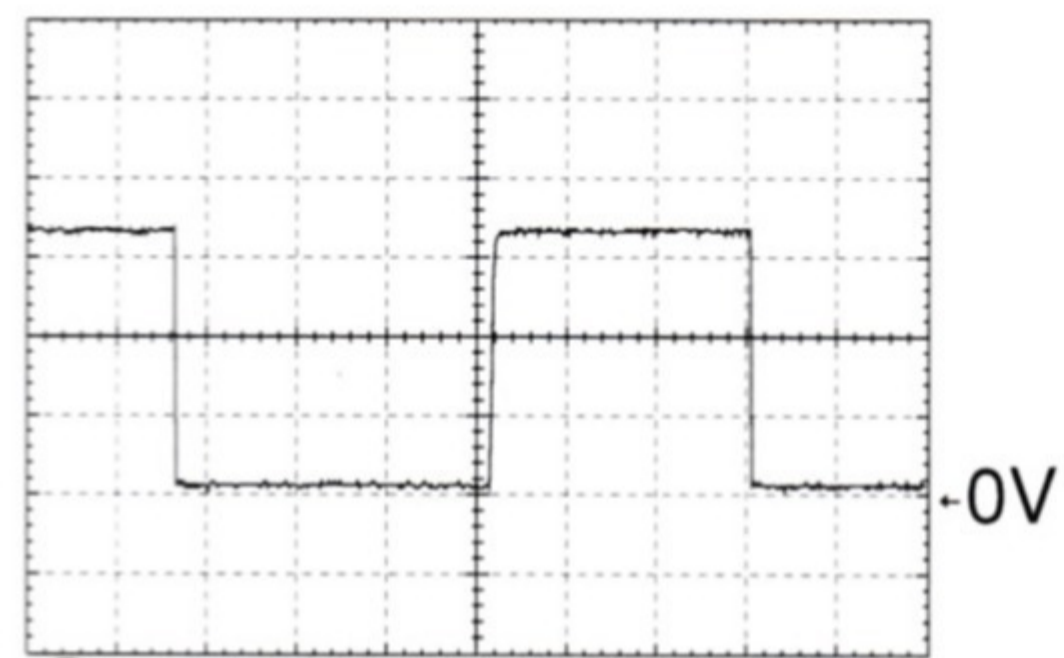
⑩ 2V/cm, 50µs/cm
auf Bild getriggert
triggered to field frequency



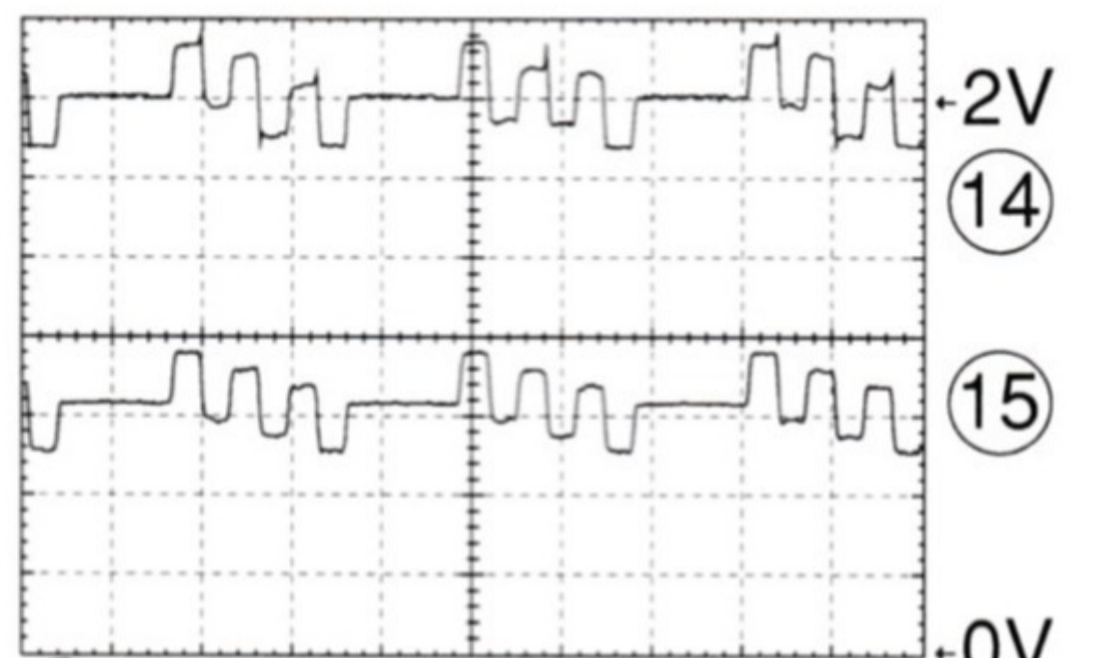
⑪ 500mV/cm, 10µs/cm



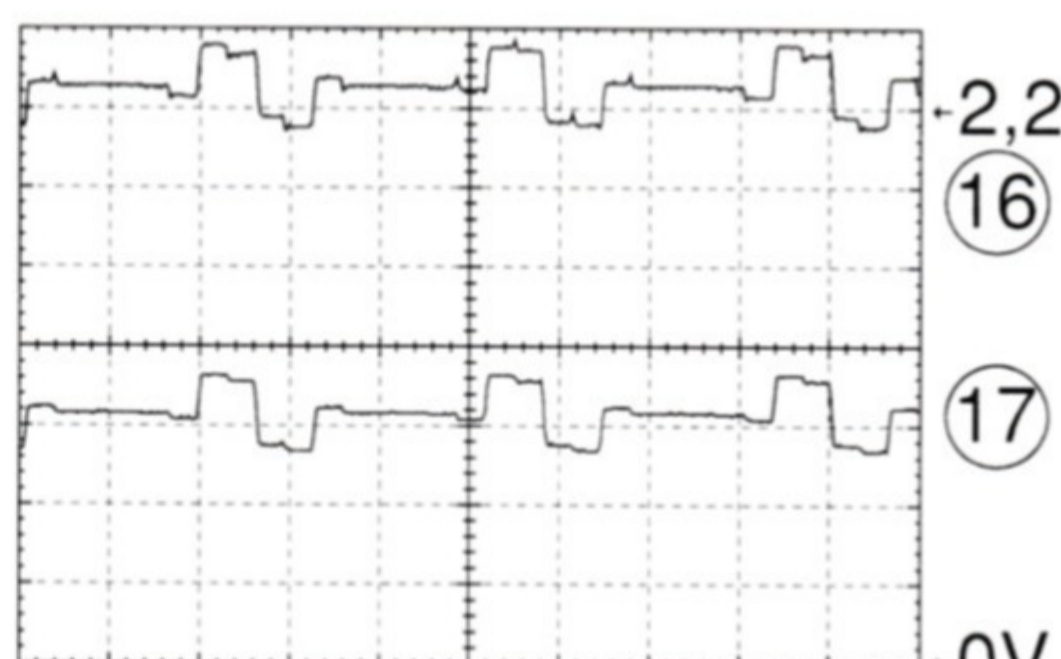
⑫ ⑫A 2V/cm, 200µs/cm



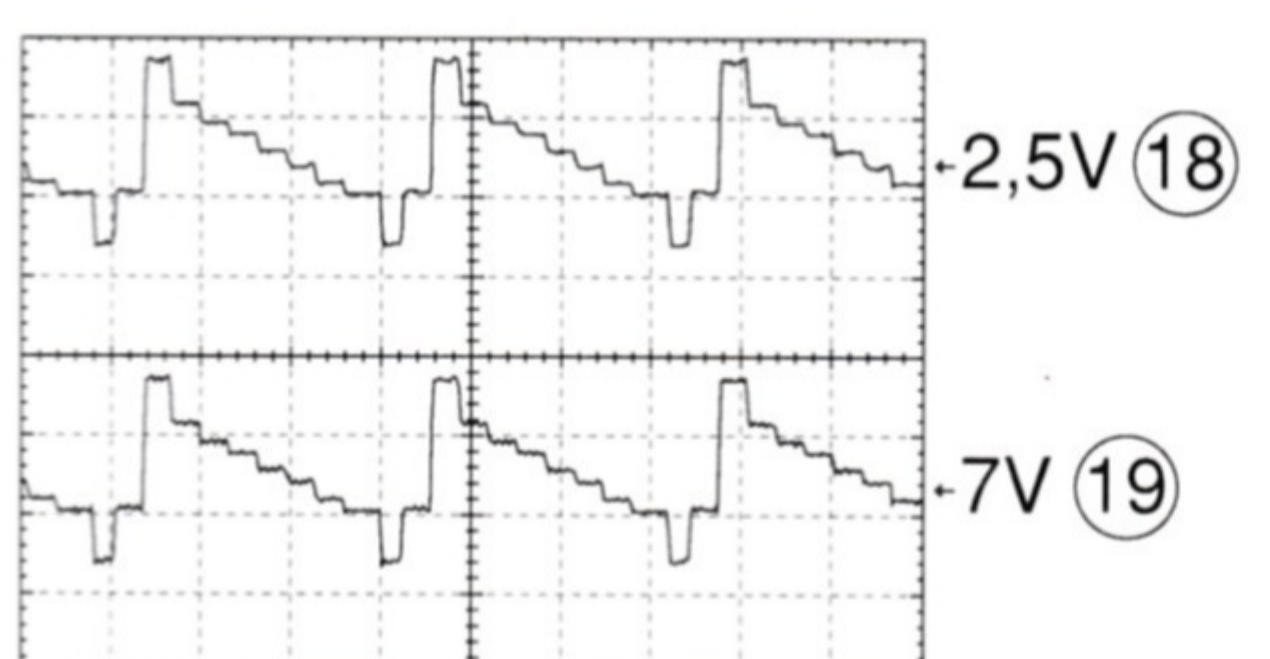
⑬ 1V/cm, 10µs/cm



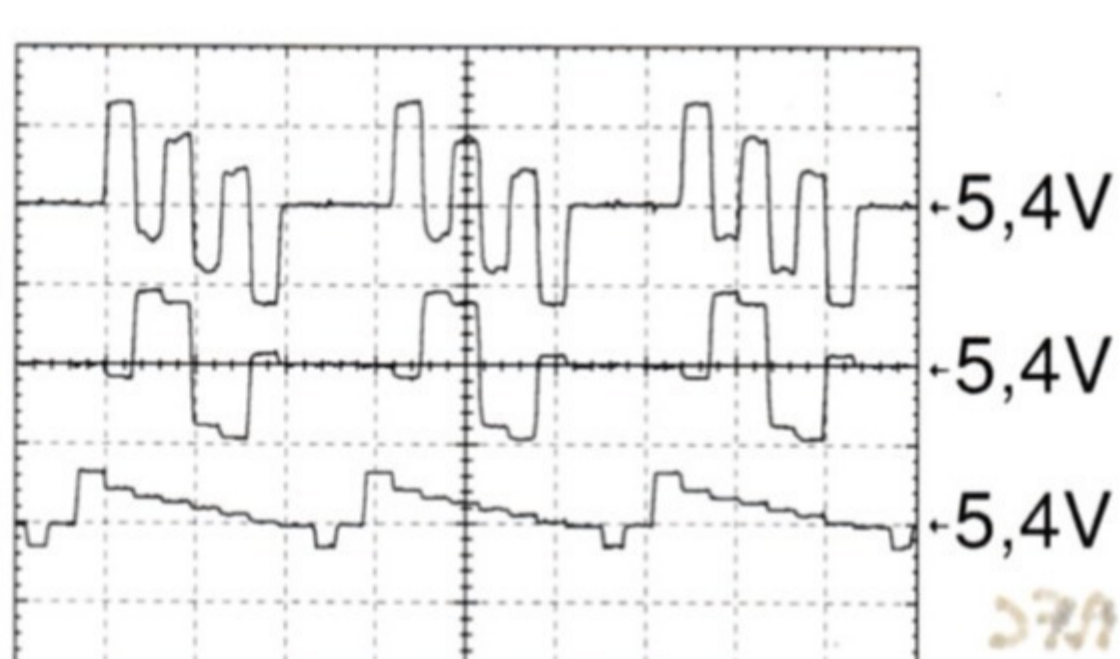
⑭ 500mV/cm, 20µs/cm
⑮ 1V/cm, 20µs/cm



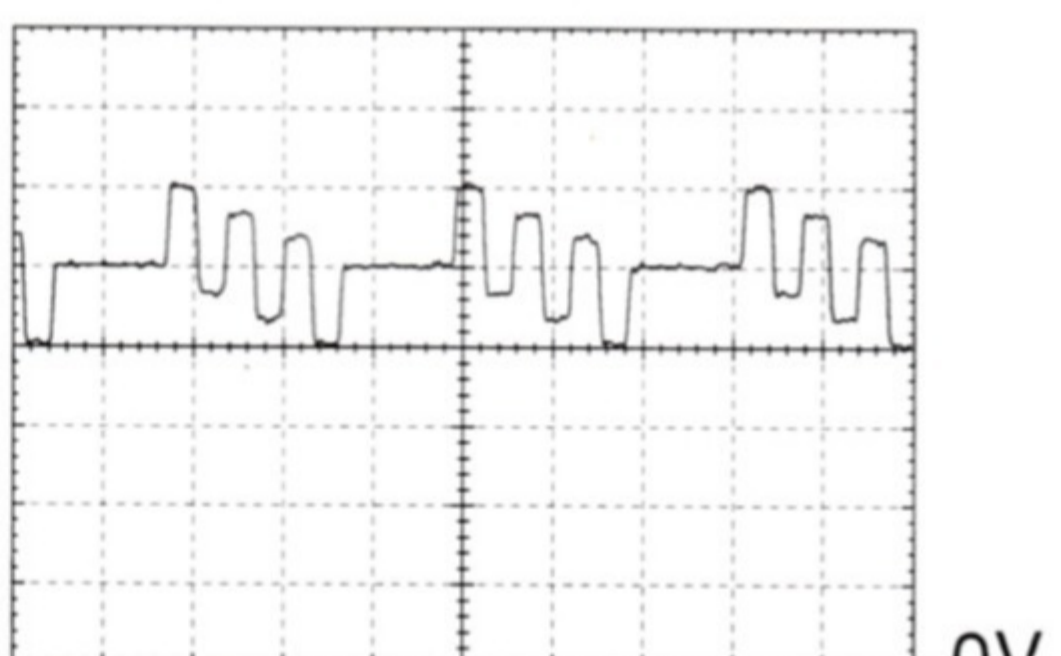
⑯ 2,2V
⑰ 1V/cm, 20µs/cm



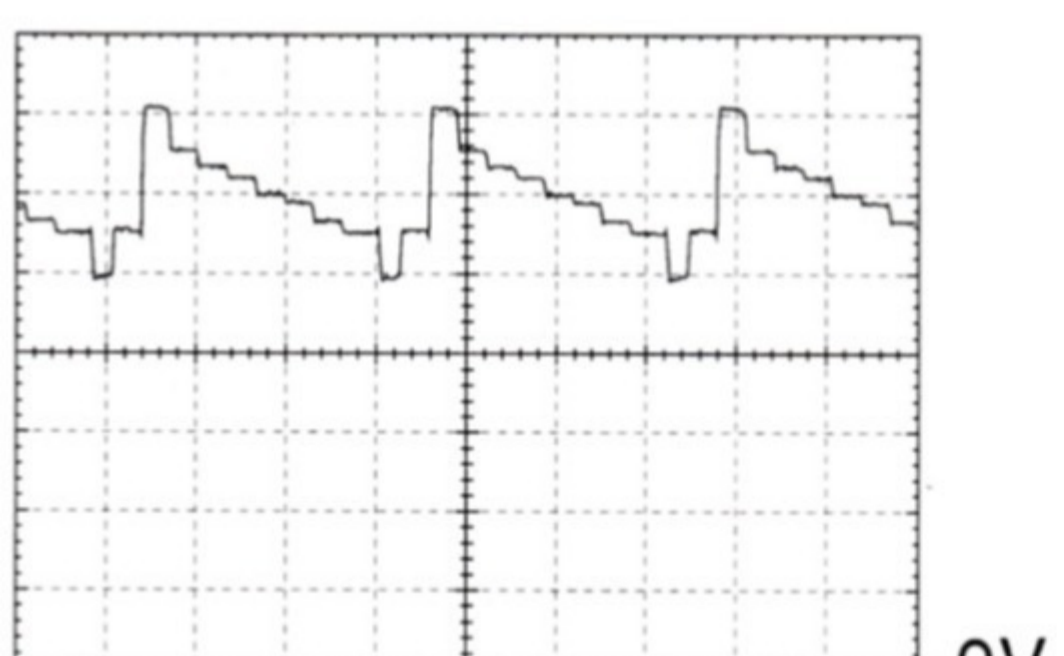
⑱ 2,5V
⑲ 7V
⑳ 200mV/cm, 20µs/cm



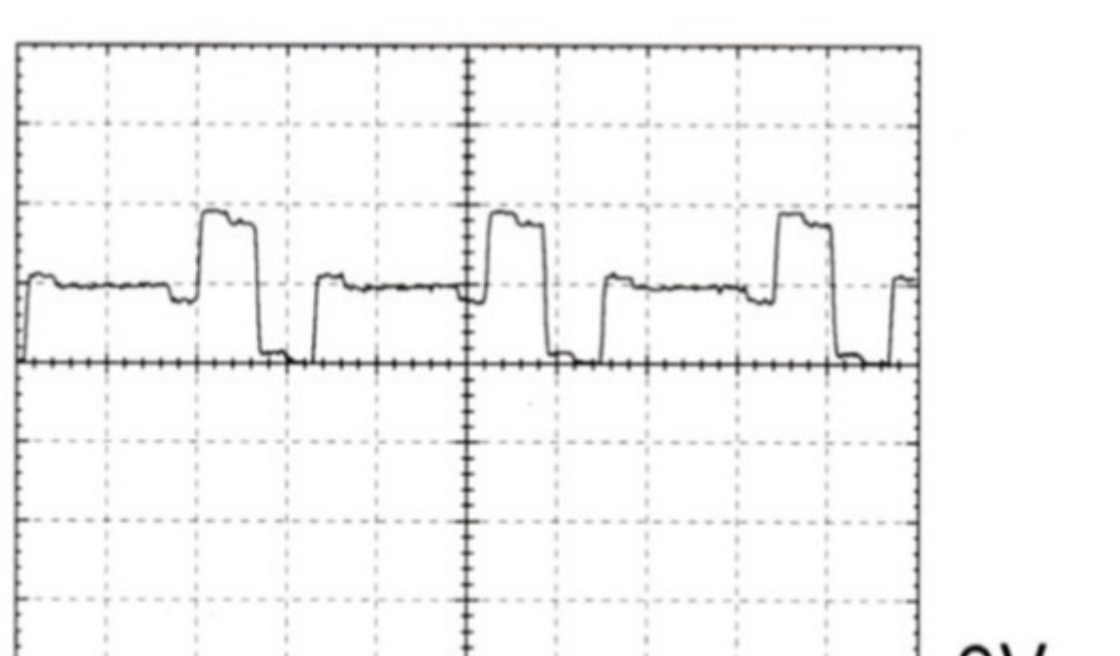
⑳ 5,4V
㉑ 5,4V
㉒ 5,4V
㉓ 2,7V
㉔ 1V/cm, 20µs/cm



⑳ 1V/cm, 20µs/cm

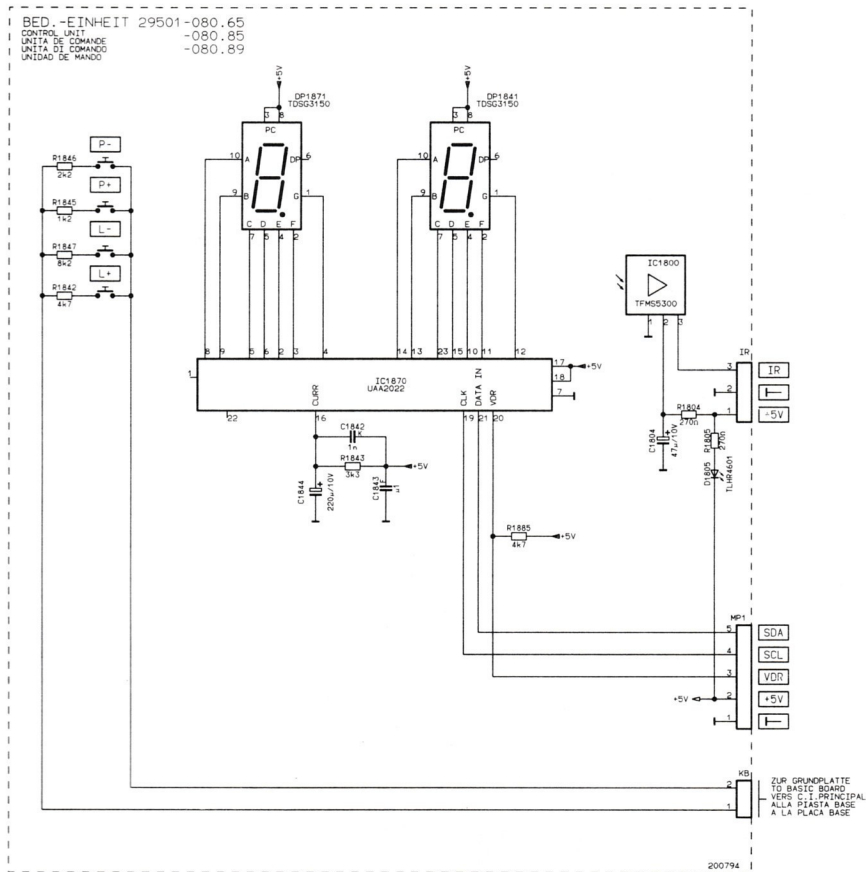


㉑ 1V/cm, 20µs/cm

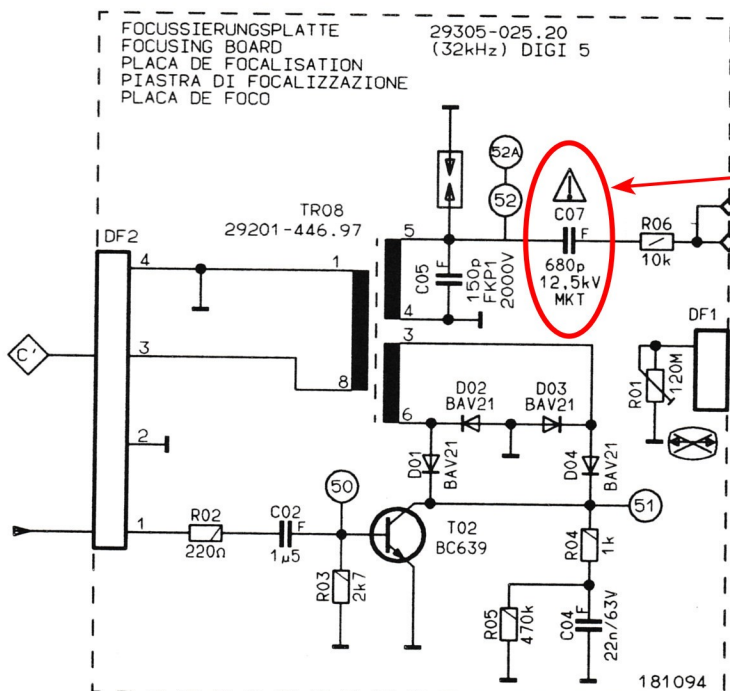


㉒ 1V/cm, 20µs/cm

Bedieneinheit / Control Unit



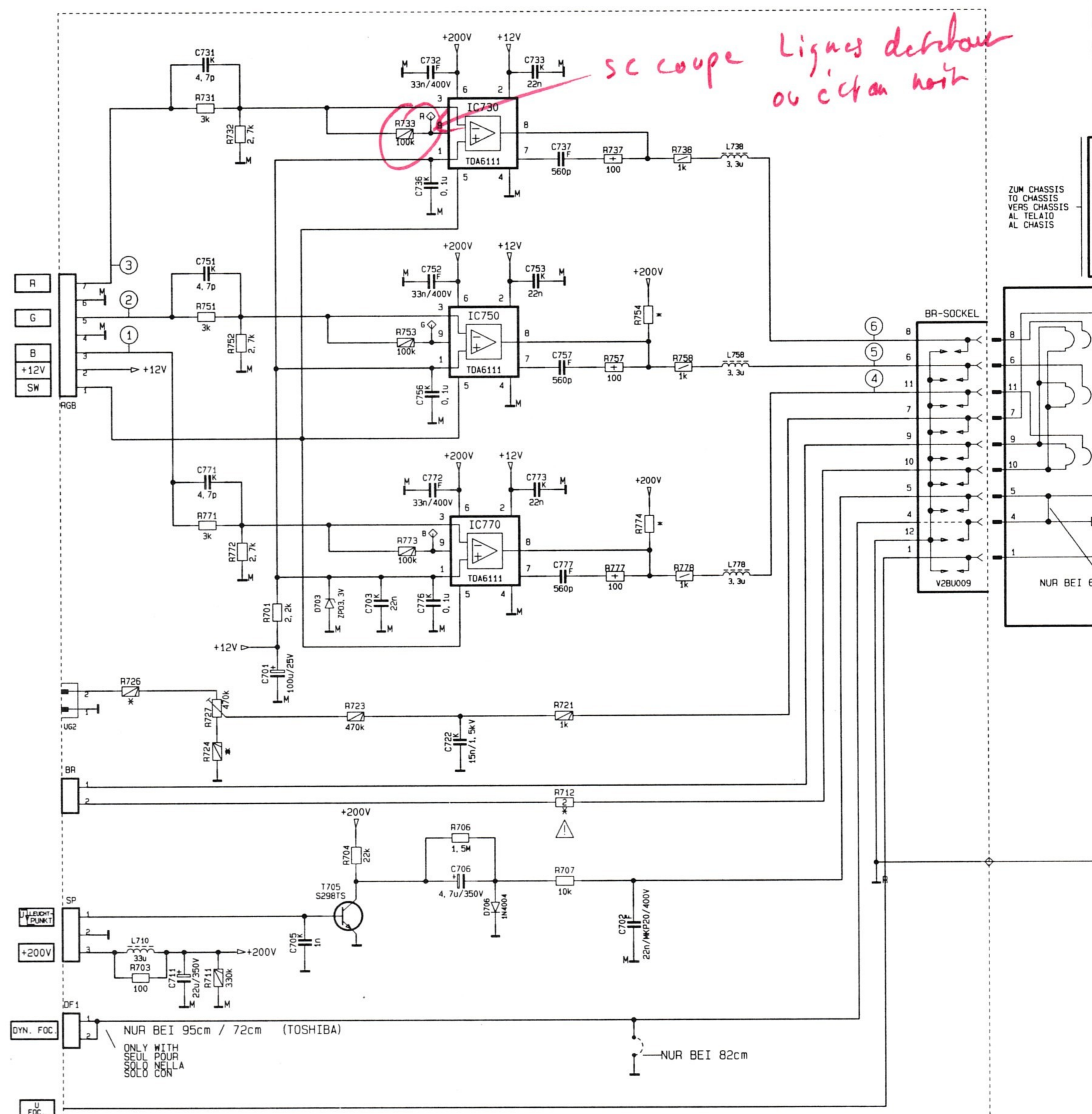
Focussierungsplatte / Focusing Board



A remplacer par 2 condensateurs 1.5nF 6KV en série.

Bildrohrplatte / CRT Panel

Servicearbeiten nach Bausteinwechsel: siehe Abgleich Seite 3-2
Servicing work after replacing the module: see alignment page 3-5



sc coupe Lignes de base ou c'etait noir

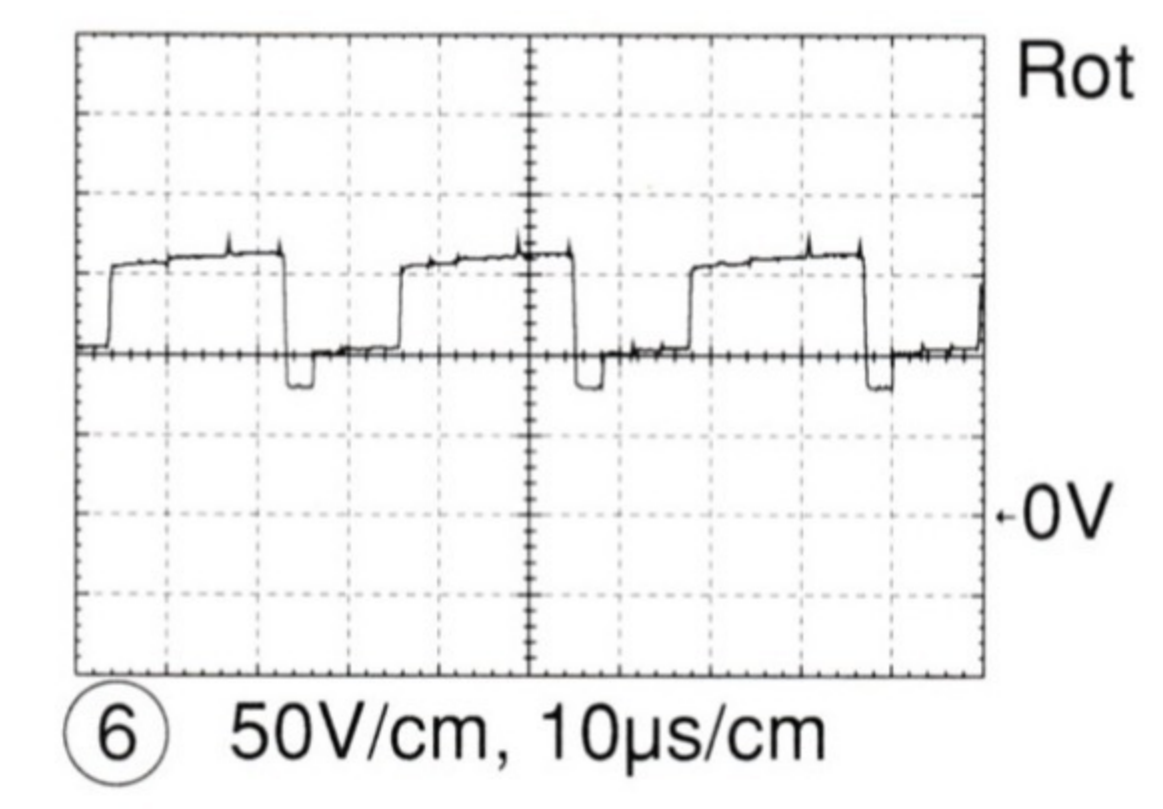
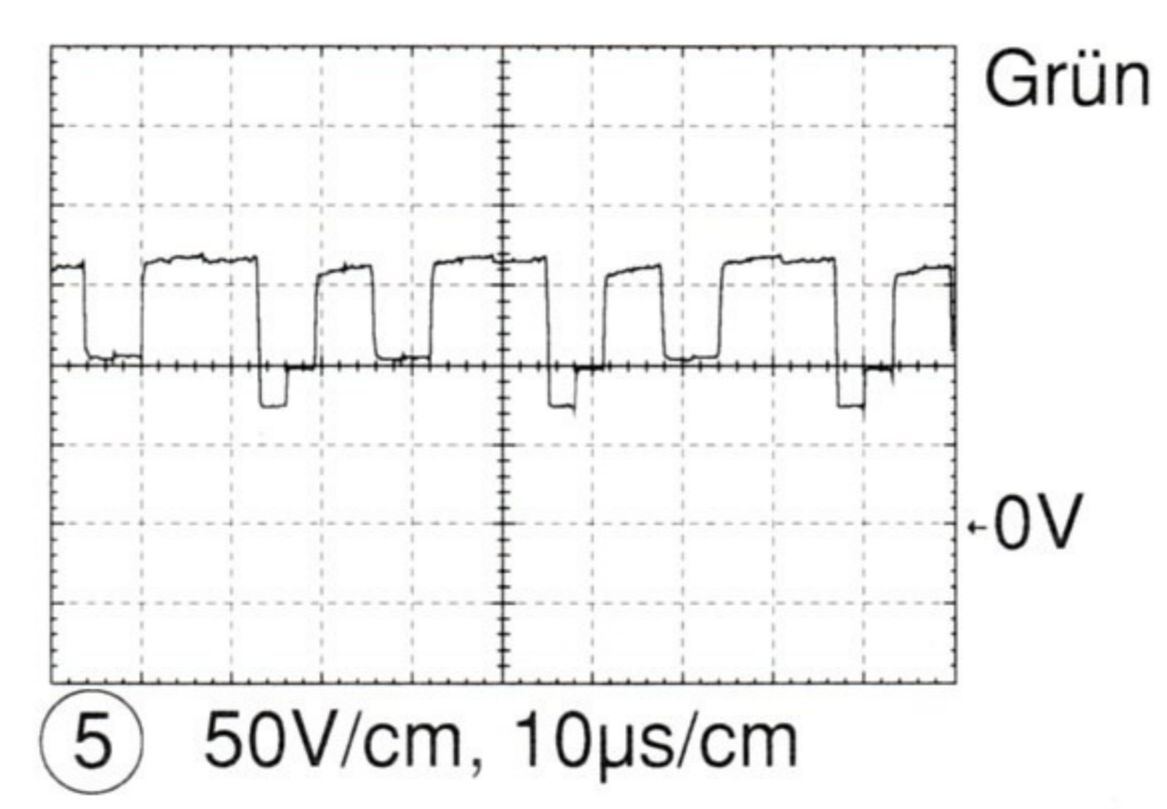
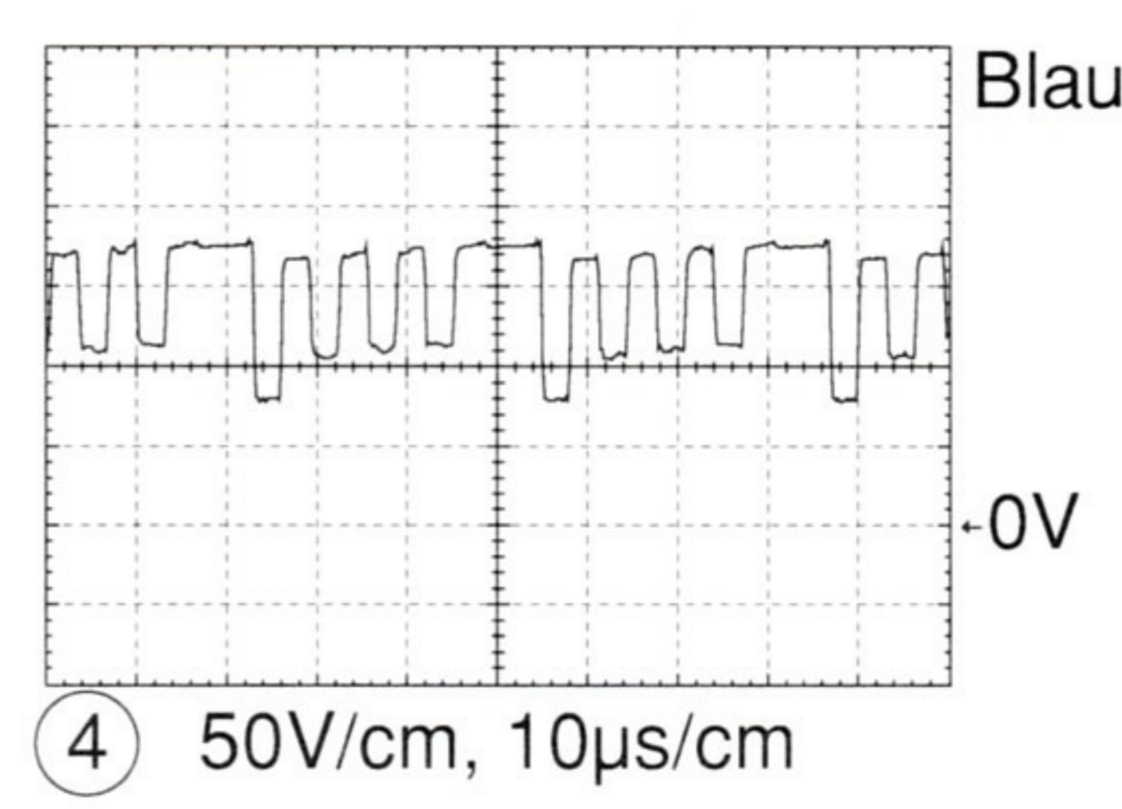
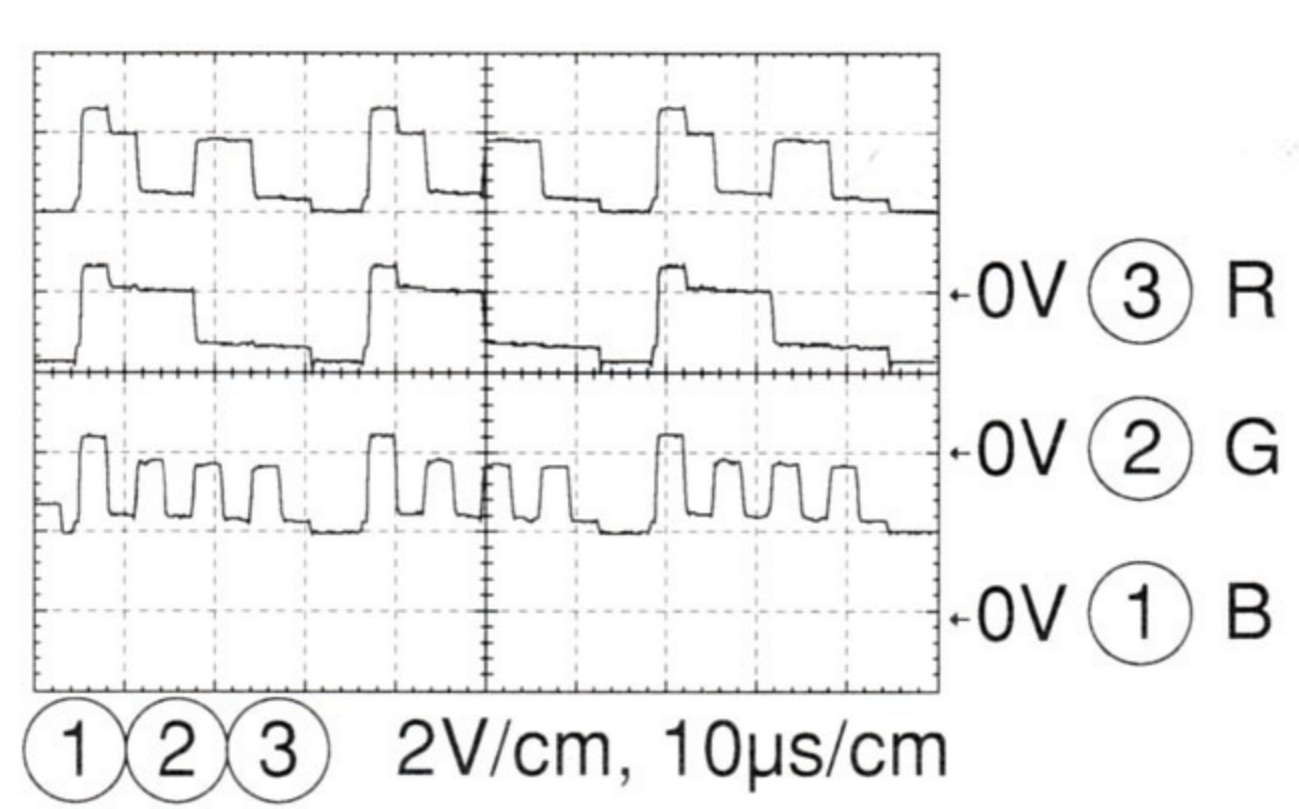
BILDROHRPLATTE

29305 - 022.31	(72cm/TOSHIBA)
29305 - 022.34	(82cm)
29305 - 022.35	(95cm)
29305 - 022.37	(70/72cm/PHILIPS)
29305 - 022.38	(63cm/TOSHIBA)
29305 - 022.39	(63cm/PHILIPS)
29305 - 022.89	(55cm/DIGI 5)

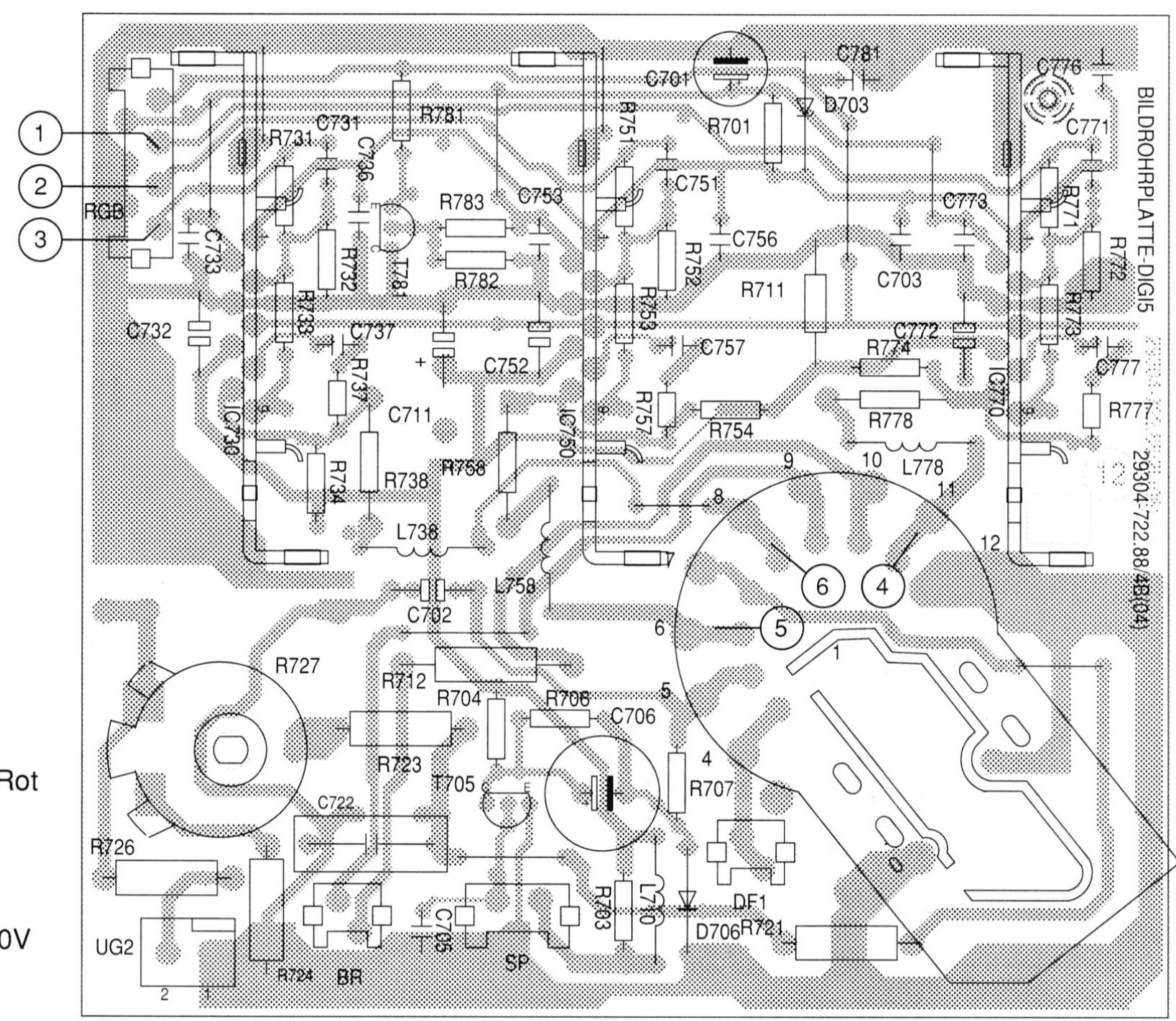
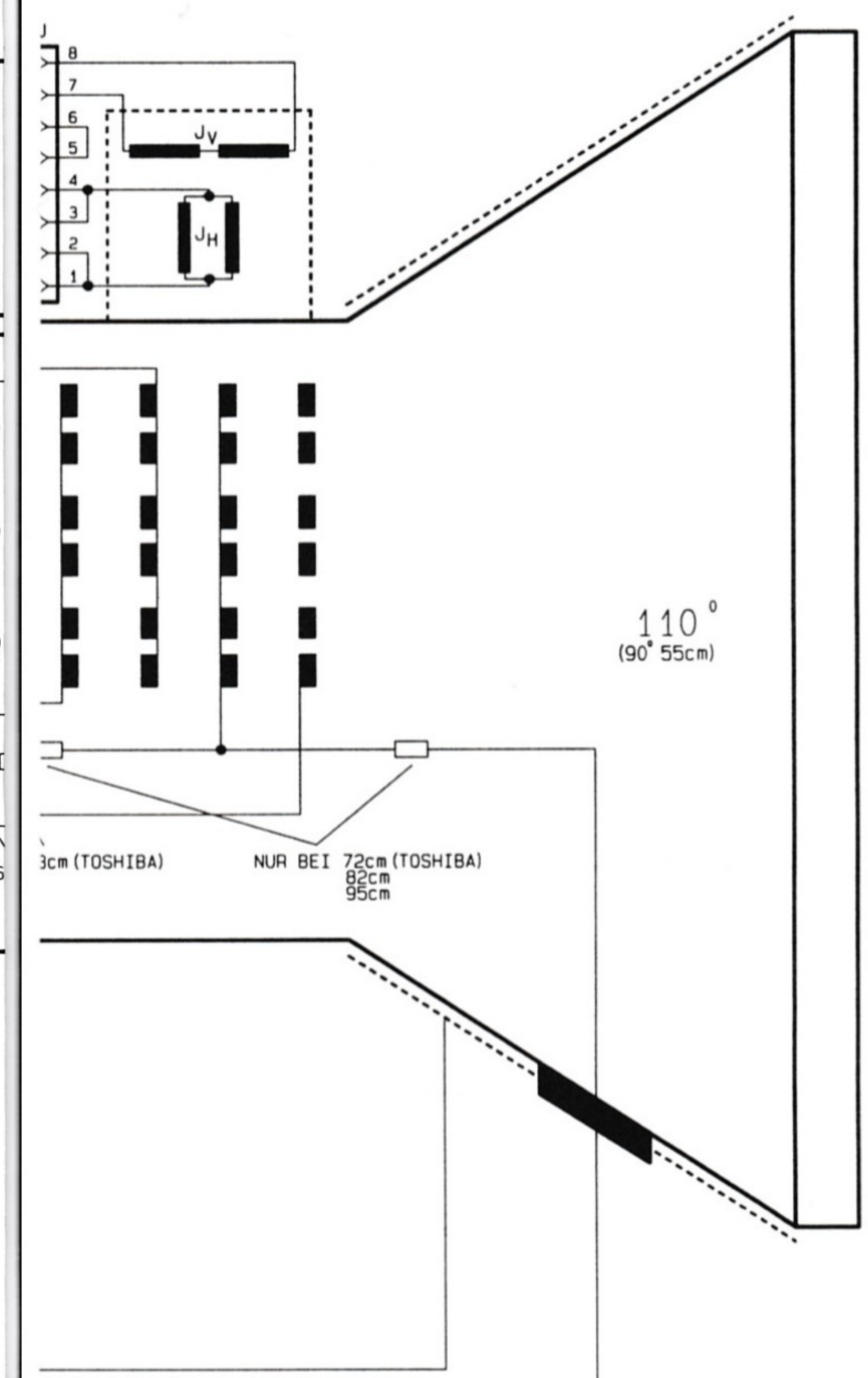
*	R712	R726	R724	R754	R774
-022.34	●●	220k	390k	5.6M	6.8M
-022.35	●●	220k	390k	5.6M	6.8M
-022.31	●●	120k	470k	5.6M	6.8M
-022.37	4.7/2N	●●	1M	-	10M
-022.38	5.6/2N	120k	470k	5.6M	6.8M
-022.39	5.1/2N	●●	1M	-	10M
-022.89	5.6/2N	●●	1M	-	10M

ONLY WITH SOUS RESERVE DE MODIFIC CON RISERVA DI MODIFICA RESERV. EL DEREC. MODIFIC.

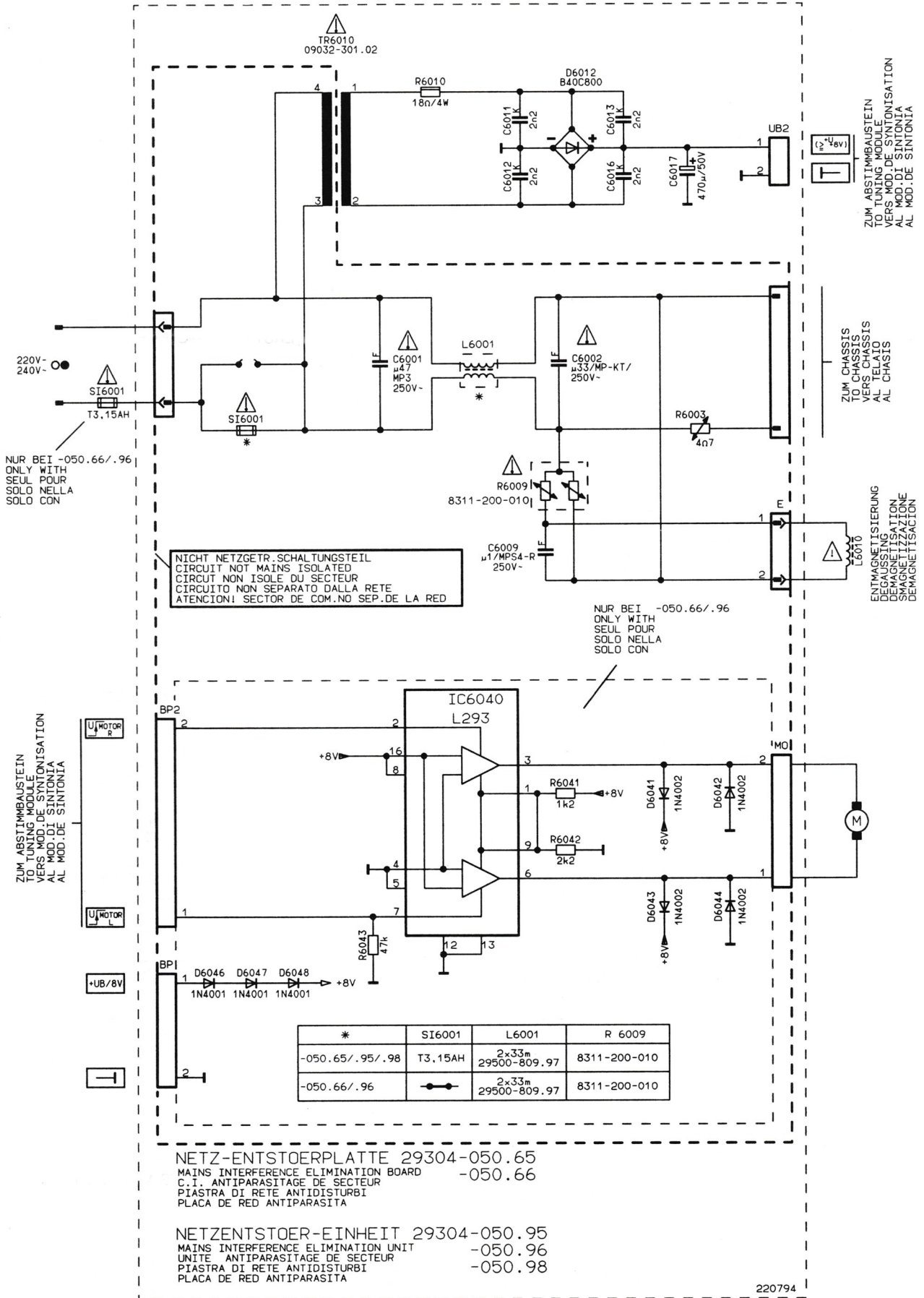
050994



IC HS. Remettre le refroidisseur des 3 IC à la masse CI tube avec un clip veF: 2930316401 (d'charge statique).

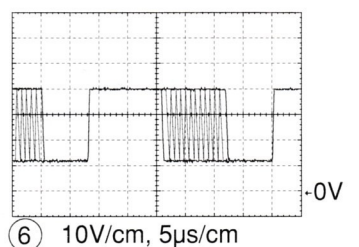
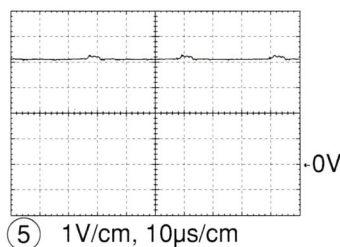
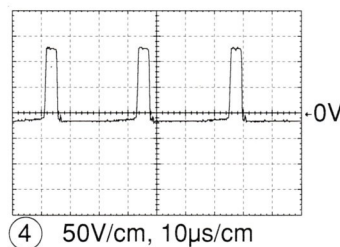
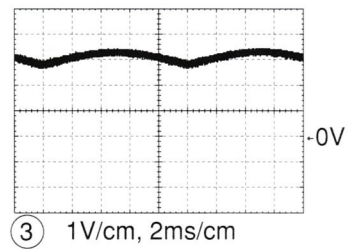
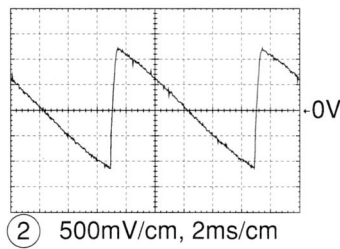
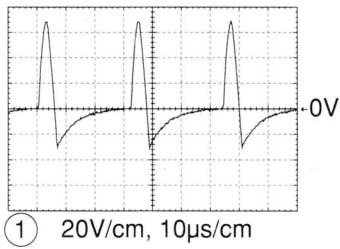
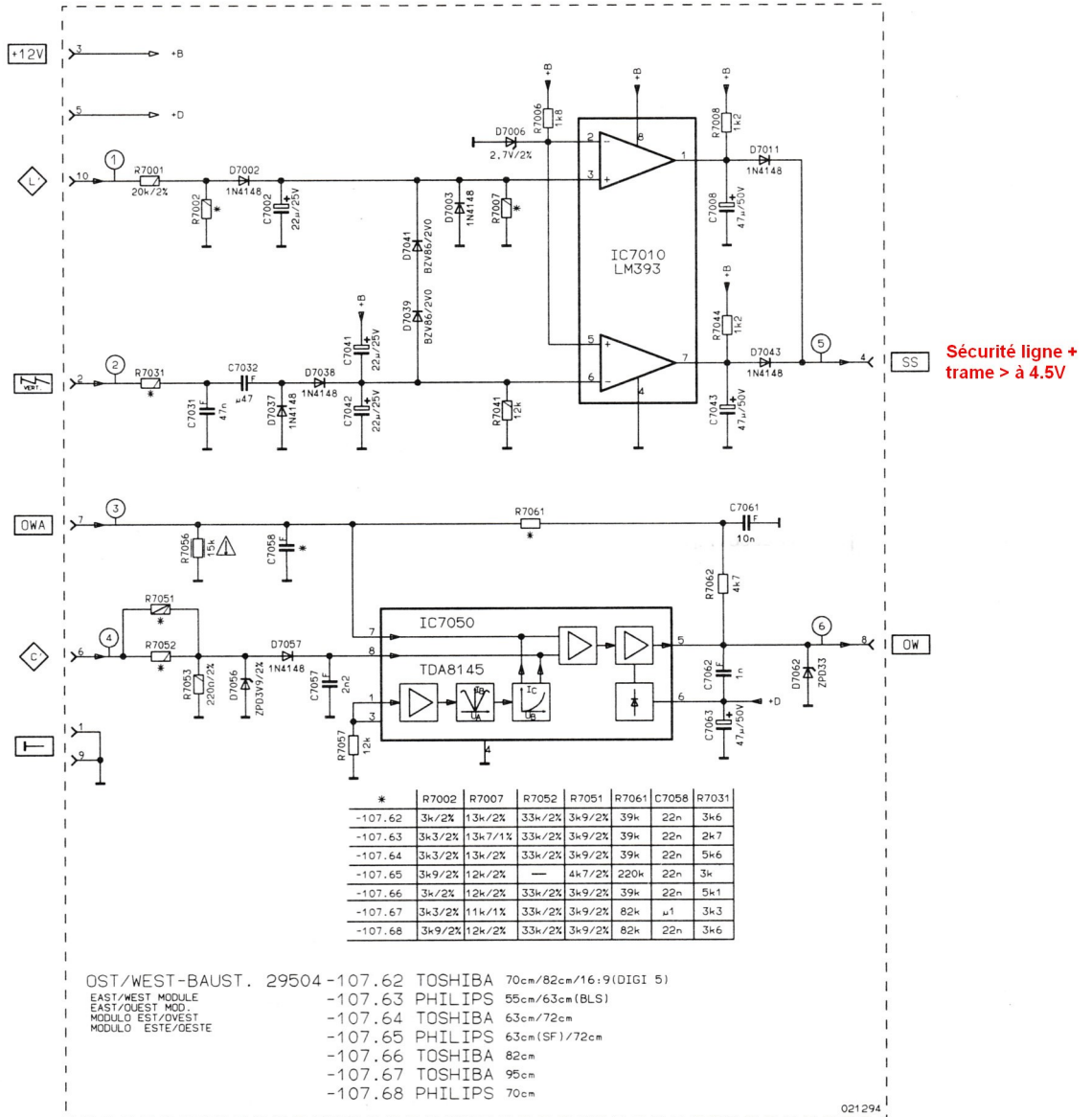


Netzstörplatte / Mains Interference Elimination Board

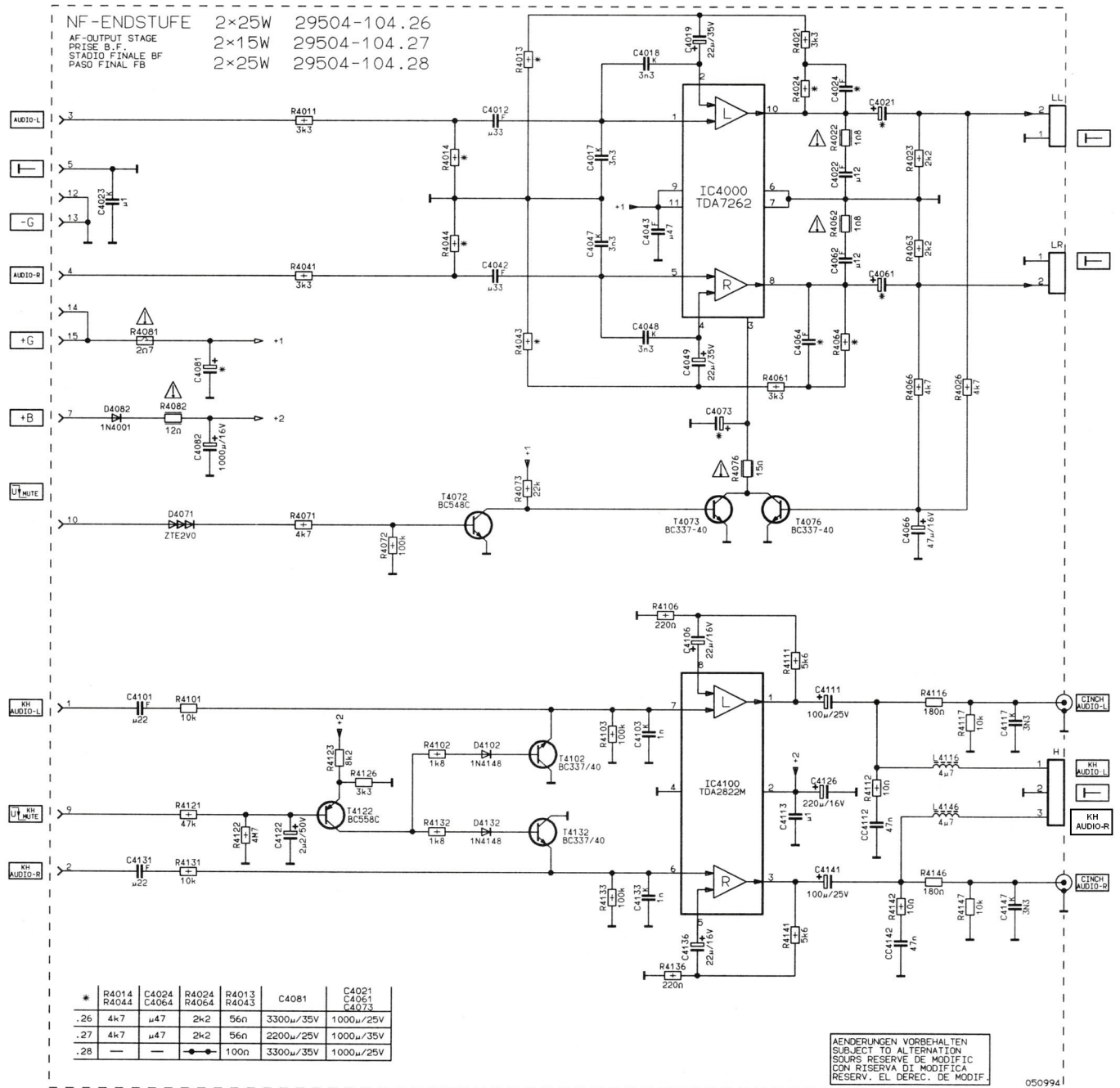


220794

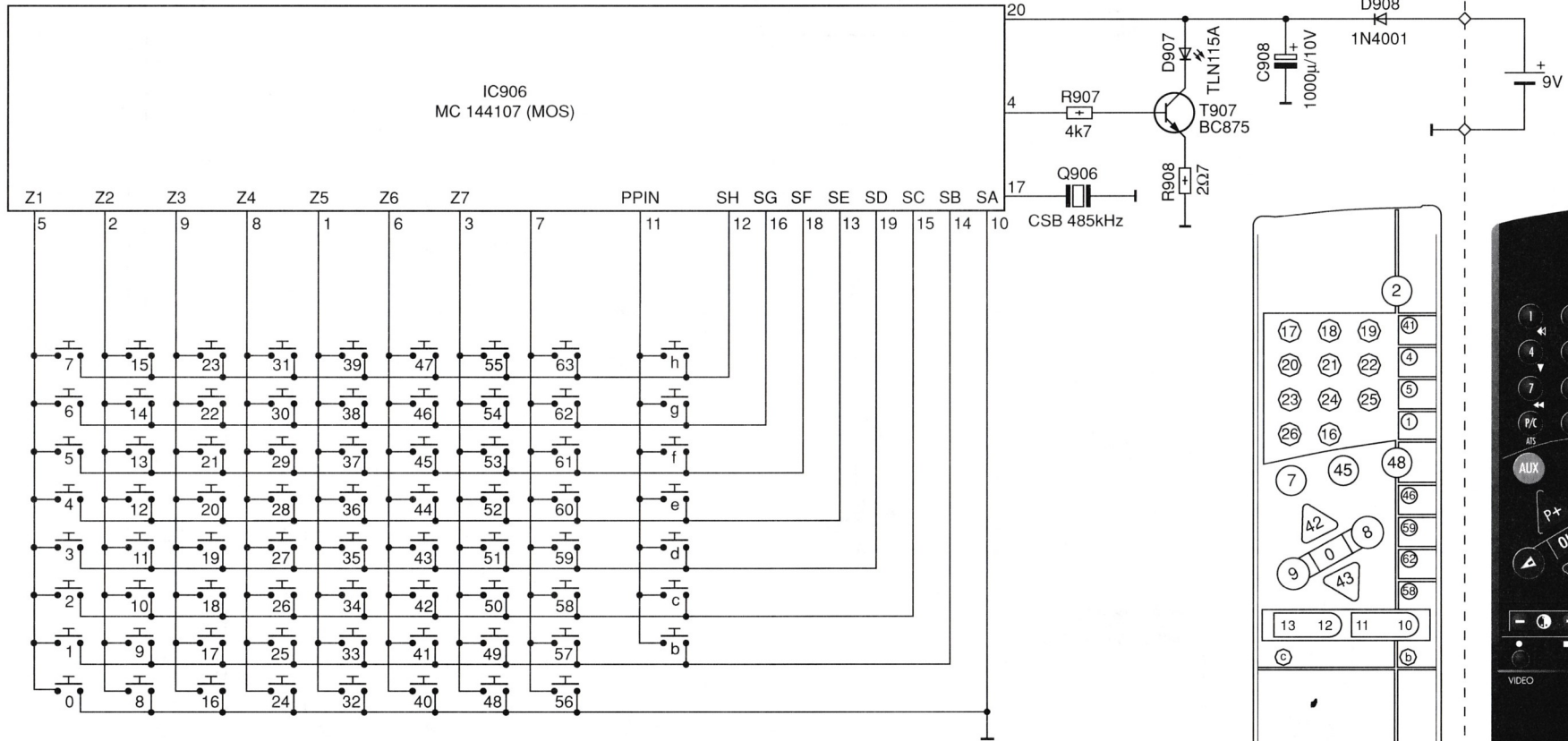
Ost / West-Baustein / East / West Module



NF-Verstärker / AF Amplifier



FERNBEDIENUNG 29622 - 059.01 / 29642 - 059.01
 REMOTE CONTROL
 TELE COMMANDE
 TELECOMANDO
 TELEMANDO



KEYBOARD 29304-779.01
 KEYBOARD
 CLAVIER
 KEYBOARD
 TECLADO

