

GRUNDIG
SCHEMAS
TV
Super Color
1981

8613FR

7309FR

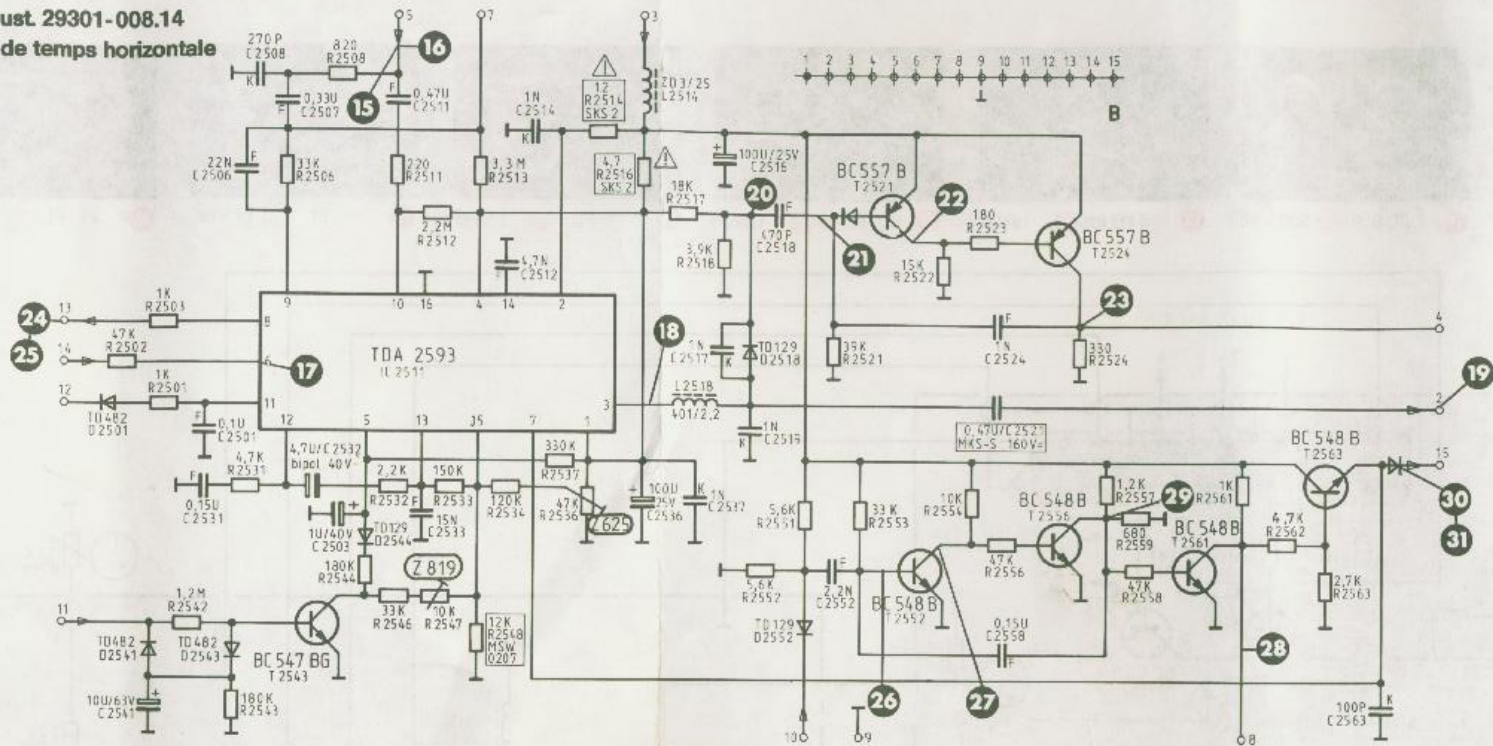
5309FR

6613FR

3309FR

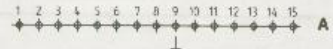
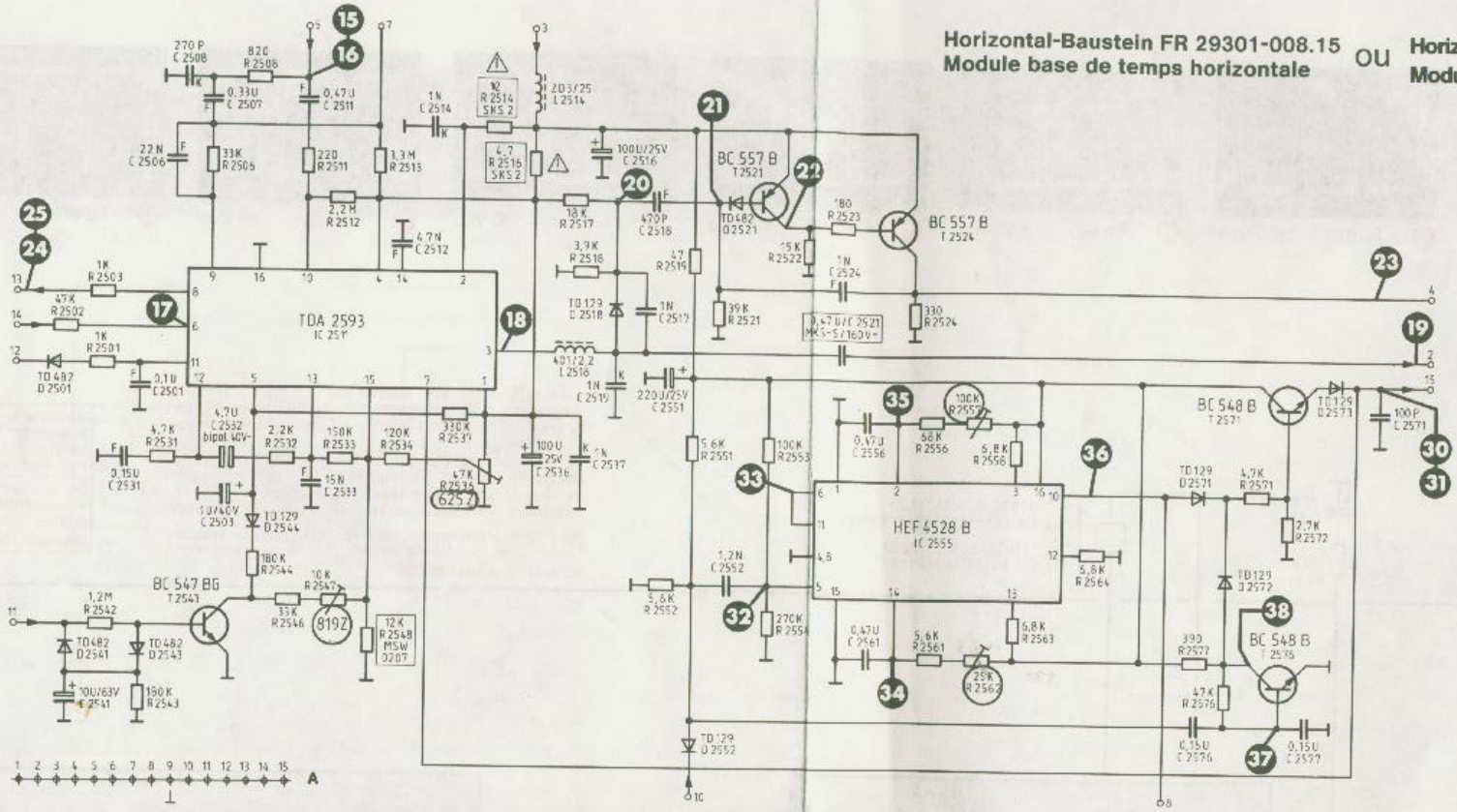
Grundig passion

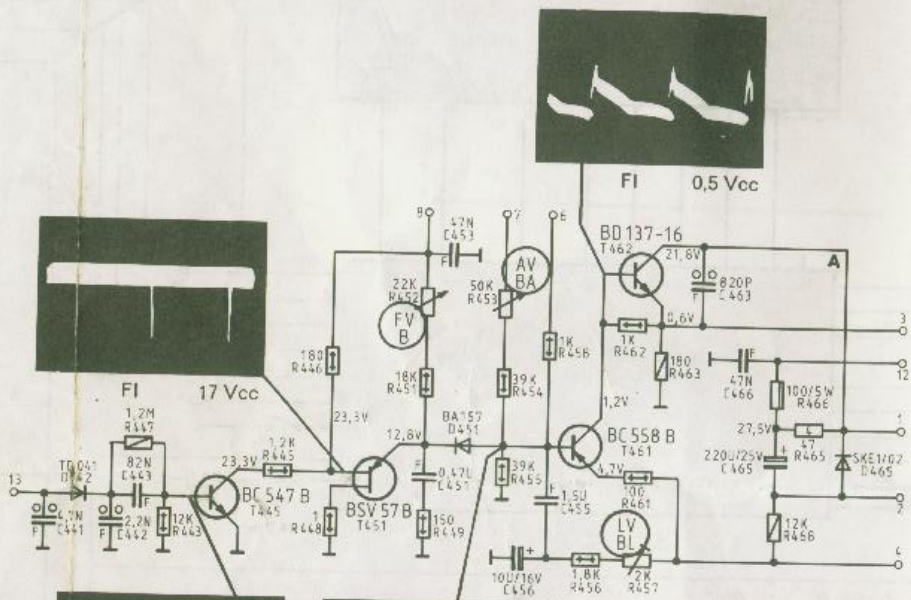
tal-Baust. 29301-008.14
base de temps horizontale



Horizontal-Baustein FR 29301-008.15
 Module base de temps horizontale

OU
 Horizontal Module t





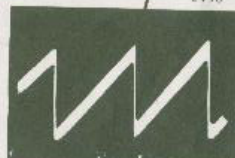
FI 17 Vcc



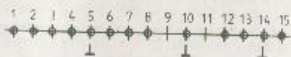
FI 0,5 Vcc



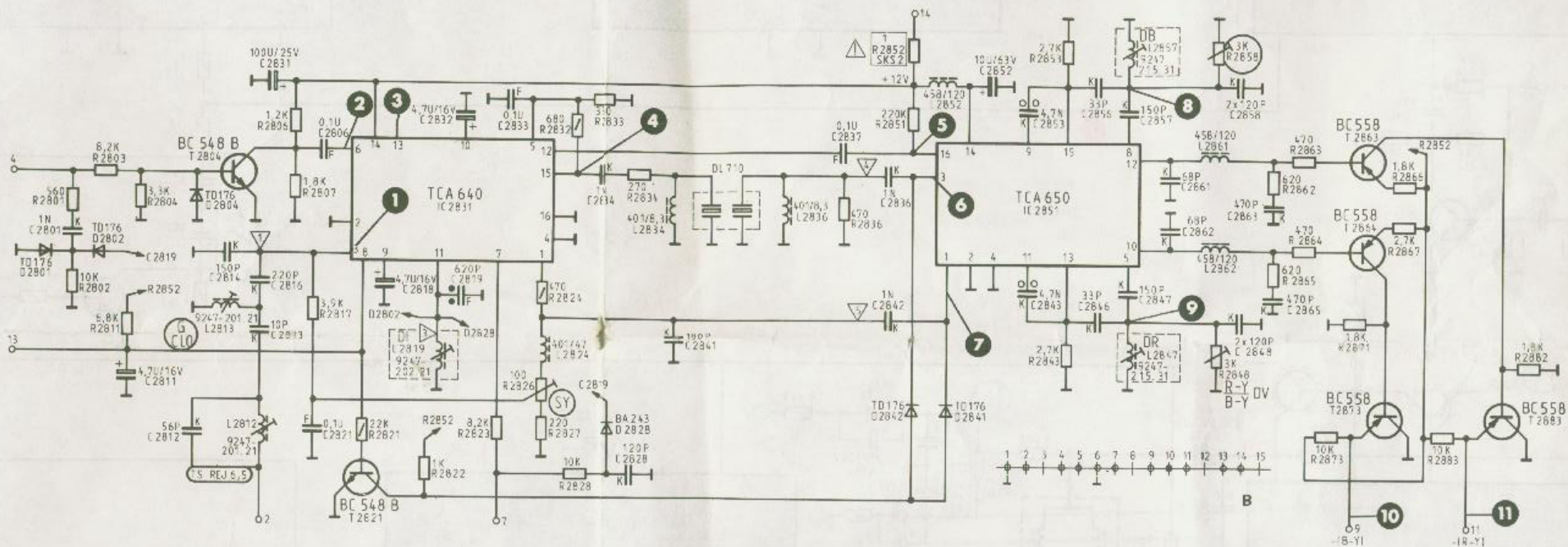
FI 0,8 Vcc



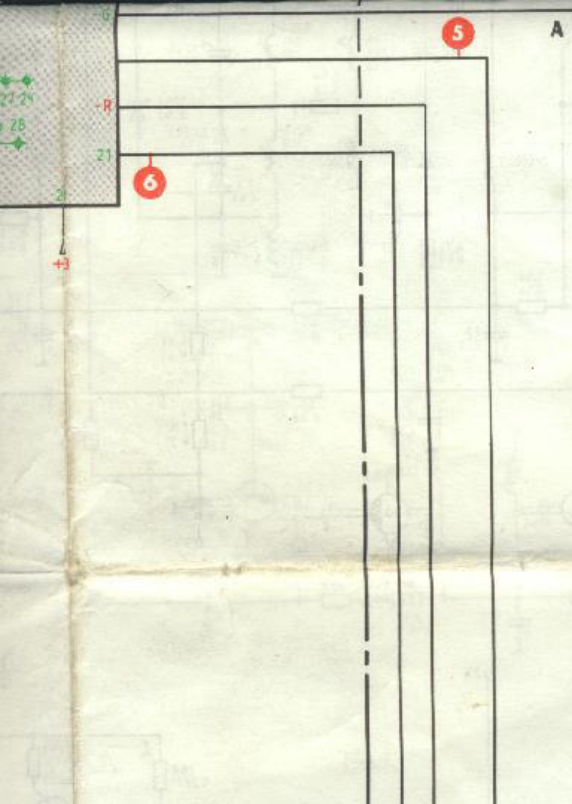
FI 4,5 Vcc



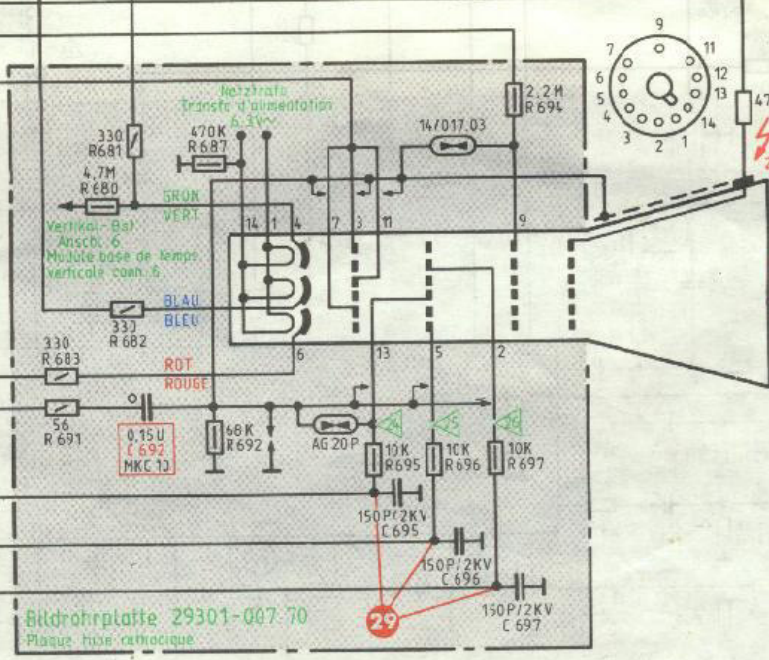
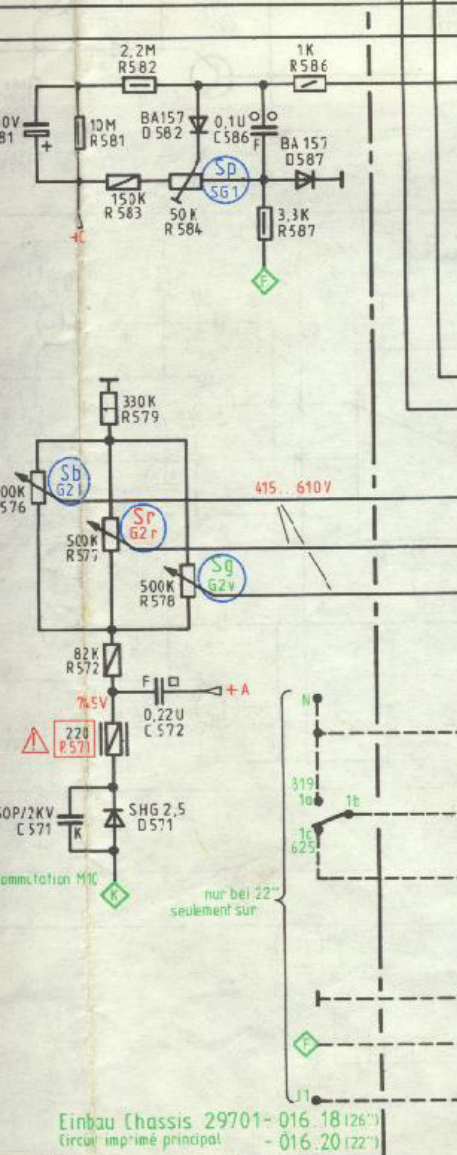
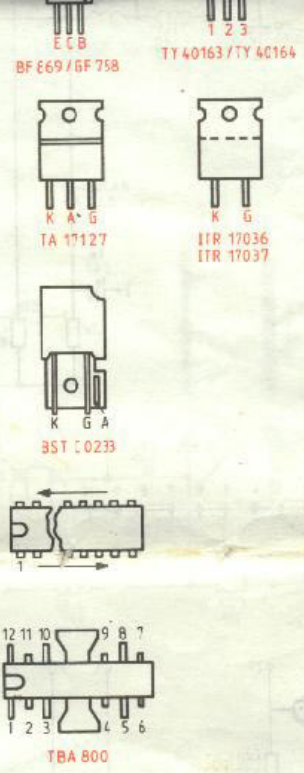
Vertikal-Baustein 29301-009.12
Module base de temps verticale



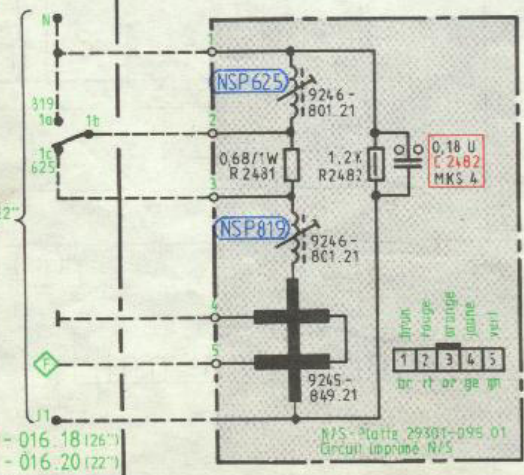
Farb-Baustein 29301-024.14
Module decodeur



- $\text{---} \parallel \text{---} \leq 160V =$
 - $\text{---} \parallel \text{---} 250V =$
 - $\text{---} \parallel \text{---} 400V =$
 - $\text{---} \parallel \text{---} 630V =$
 - $\text{---} \parallel \text{---} 1000V =$
- F = Folienkondensator
Condensateur plastique
K = Keramikcondensator
Condensateur céramique



670 ASB 22-TC 02 (PK) (26")
560 BHB 22-TC 04 (PY) (22")

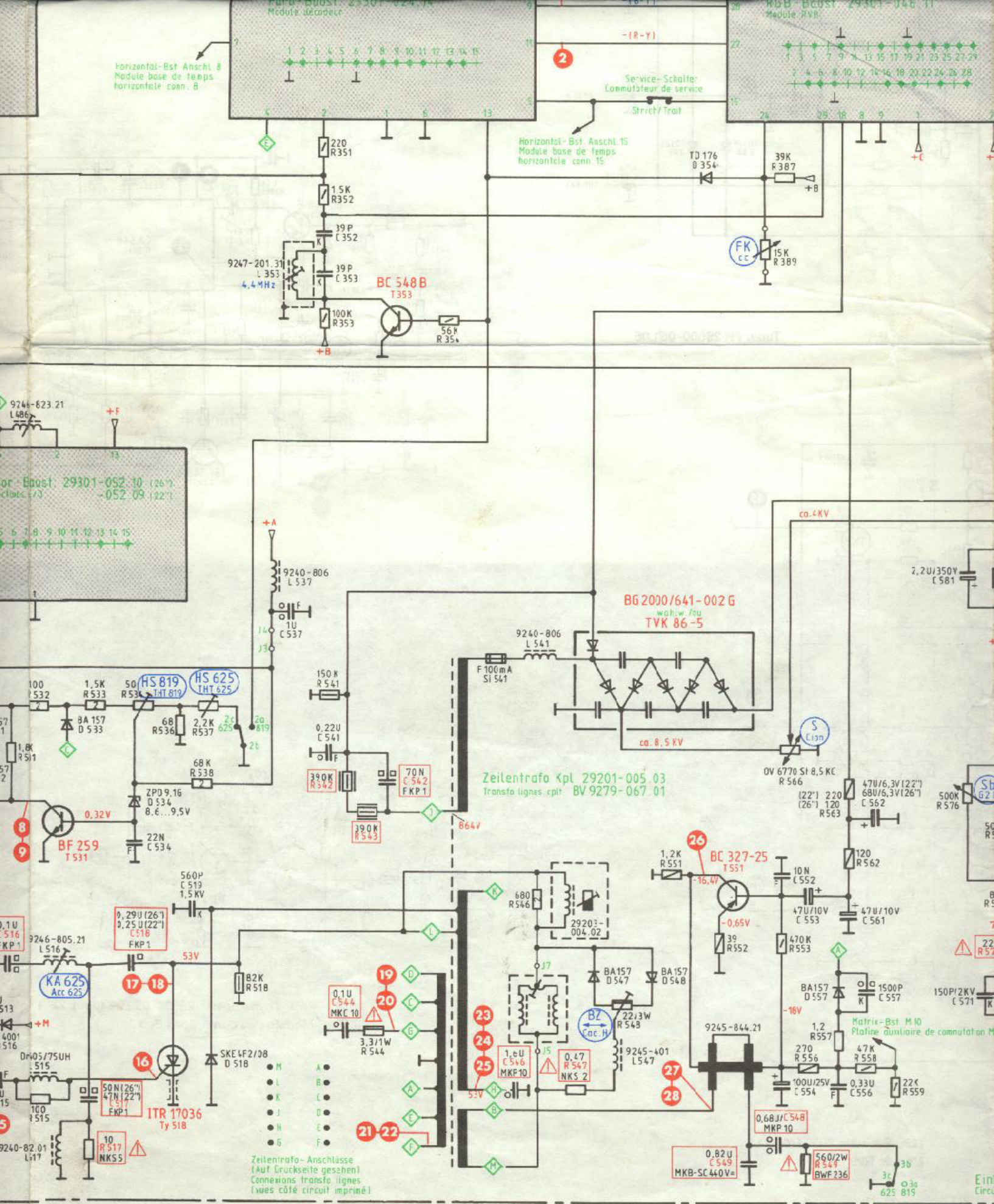


Super Color 8613 FR (24491-09)
Super Color 7309 FR (24493-09)
Super Color 5309 FR (24492-09)
Super Color 6613 FR (24497-09)
Super Color 3309 FR (24498-09)

Einbau Chassis 29701-016.18 (26")
Circuit imprimé principal - 016.20 (22")

N/S-Platte 29301-095.01
Circuit imprimé R/S

261079St 22541 24491-942.08



horizontal-Bst Anschl. 8
Module base de temps
horizontale conn. 8

horizontal-Bst Anschl. 15
Module base de temps
horizontale conn. 15

Service-Schalter
Commutateur de service

Strich/Trait

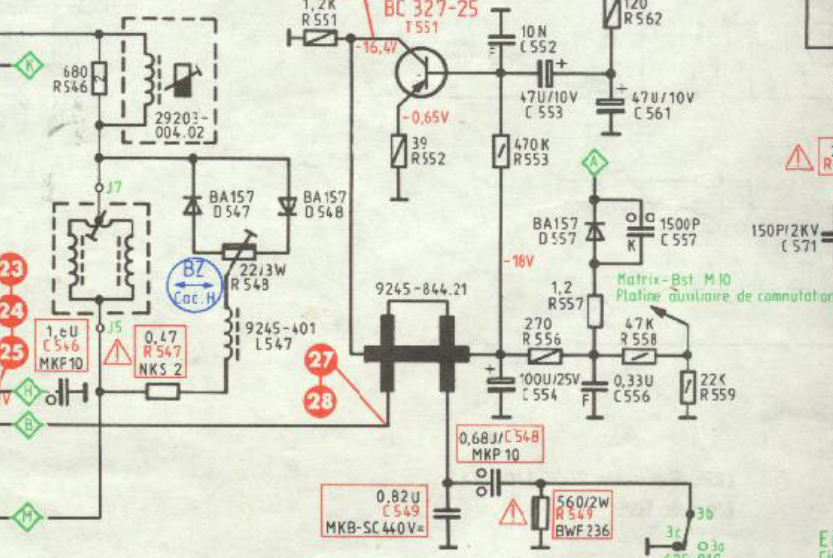
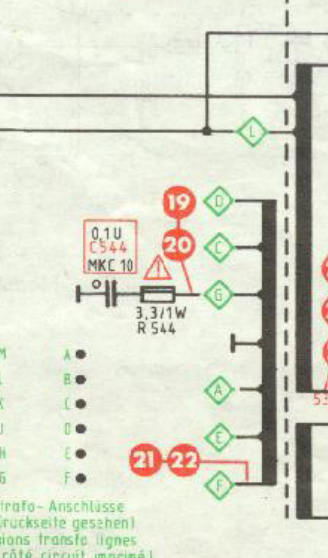
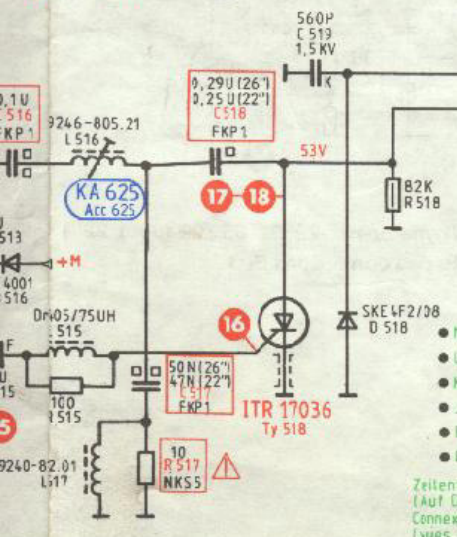
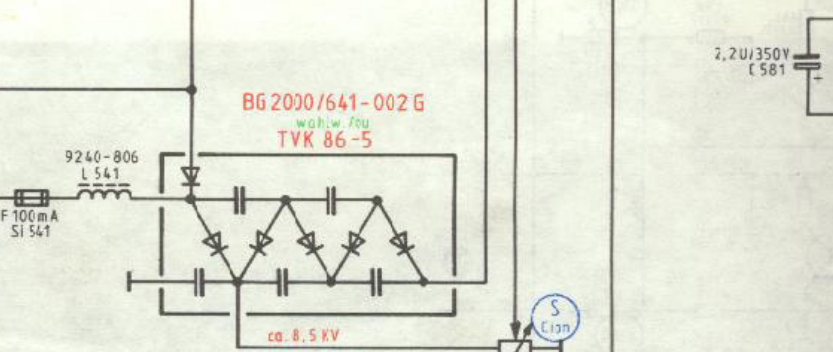
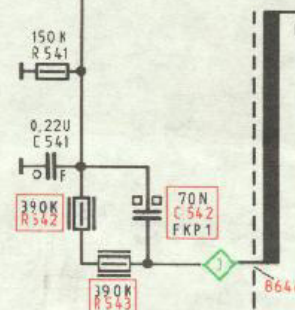
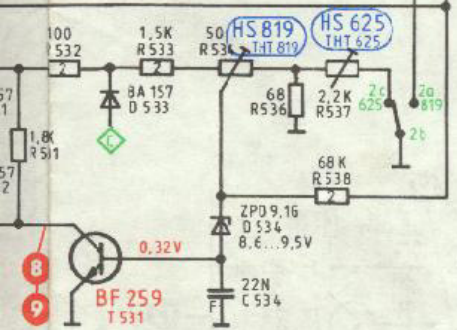
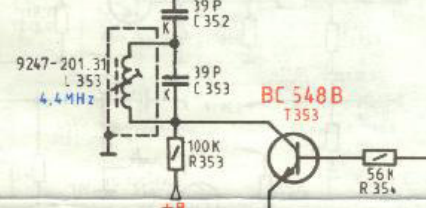
BG 2000/641-002 G
wahlw. feu
TVK 86-5

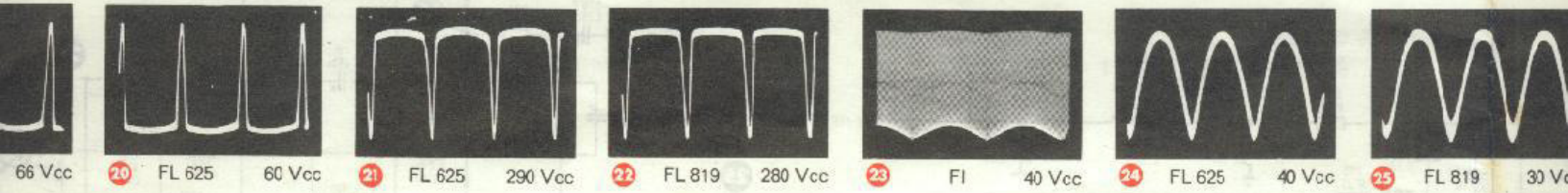
Zeilentransf. Kpl. 29201-005 03
Transfo lignes. rpt. BV 9279-067 01

Matrix-Bst M10
Platine auxiliaire de commutation M

Zeilentransf.-Anschlüsse
(Auf Rückseite gesehen)
Connexions transfo lignes
(lues côté circuit imprimé)

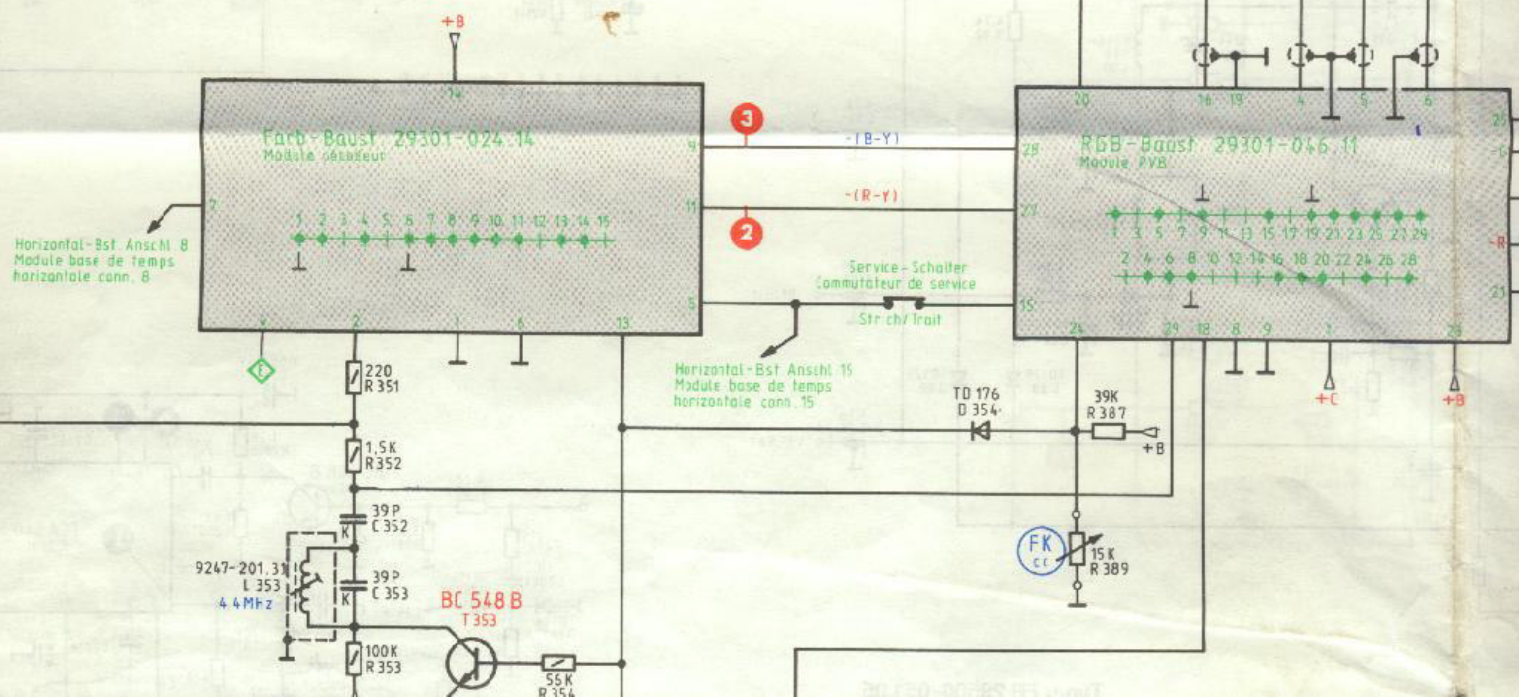
- M
- A
- B
- C
- D
- E
- F

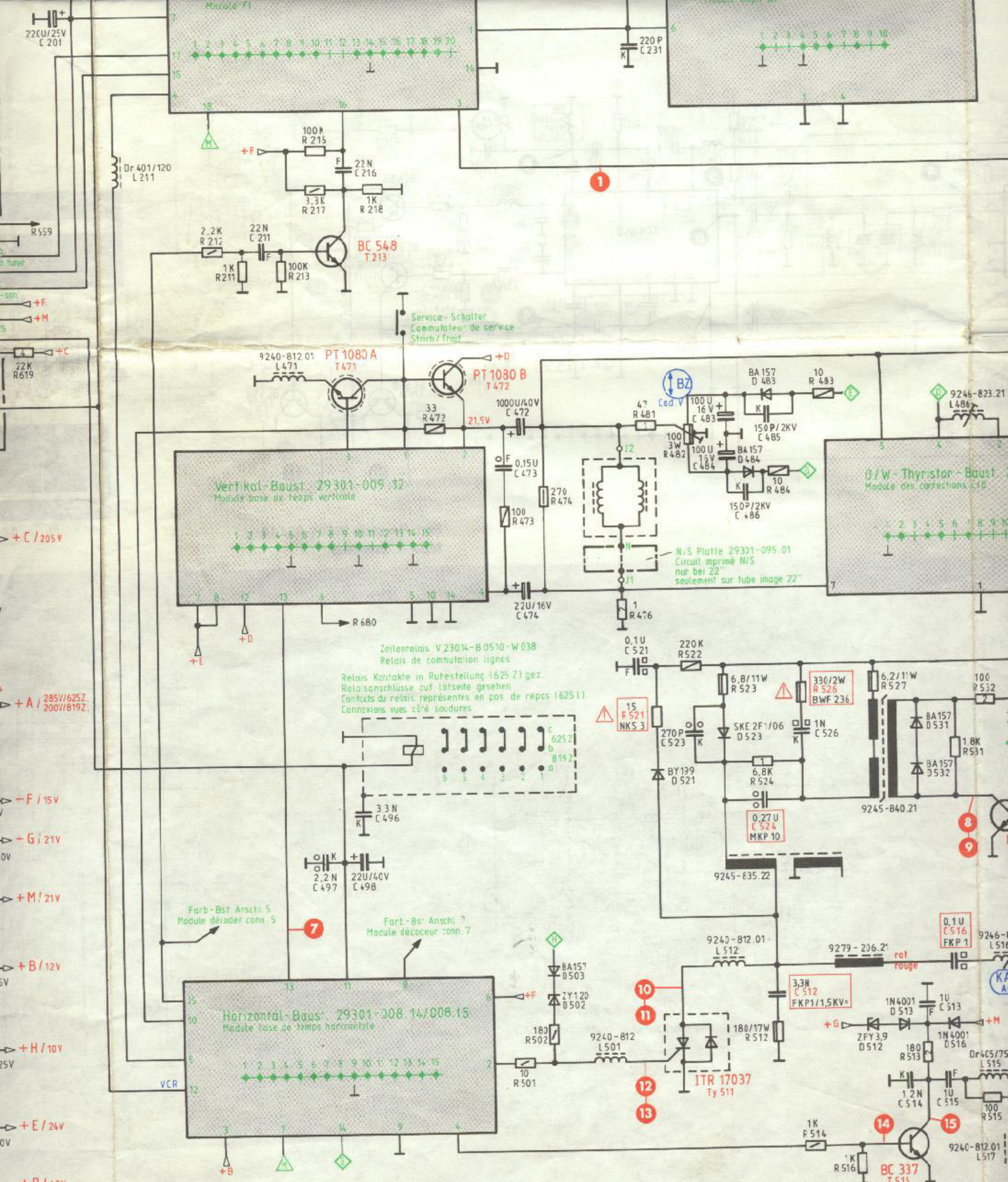




Die mit Δ bezeichneten Bauelemente sind für die Gerätesicherheit **absolut notwendig** und entsprechen den Richtlinien des VDE bzw. IEC. Im Ersatzfall dürfen nur Bauteile mit gleicher Spezifikation Verwendung finden.
 Les composants marqués par Δ sont **absolument nécessaires** pour la sécurité de votre téléviseur et ils correspondent aux normes de sécurité VDE et IEC resp. En cas de remplacement il ne faut utiliser que des composants ayant les mêmes spécifications.
 Bei Eingriffen Schutzmaßnahmen für MOS-Bauteile beachten! Lors de la manipulation de circuits MOS, toujours observer les mesures de protection MOS!

Die unrauten Positionen sind Sonderbauteile mit besonderer Spezifikation, die für die Funktion des Gerätes und die Sicherheit wichtig sind. Bei Ersatz sind daher unbedingt nur Originalteile zu verwenden.
 Les positions encadrées sont des éléments spéciaux avec spécifications particulières qui sont importantes pour les fonctions de l'appareil. En cas de remplacement il ne faut utiliser que des pièces d'origine.





+F / 15V
 +M / 21V
 +B / 12V
 +H / 10V
 +E / 24V
 +D / 40V

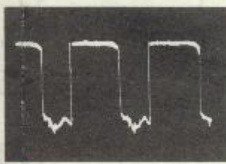
Vertikal-Baust. 29301-005 12
 Module base des temps verticale

Horizontal-Baust. 29301-008 14/008.15
 Module base de temps horizontale

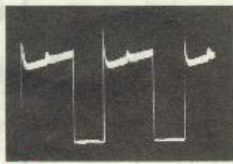
Zeitrelais V 23014-B 0510-W 038
 Relais de commutation lignes
 Relais Kontakte in Ruhestellung (625 Z) gez.
 Relaisanschlüsse auf lötlseite gesehen
 Contacts du relais représentés en pos. de repos (625 L)
 Connexions vues côté soudures

O/W-Thyristor-Baust.
 Module des corrections C/D

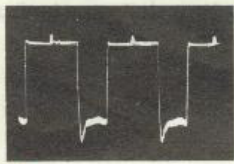
N/S Platte 29331-095.01
 Circuit imprimé N/S
 nur bei 22" seulement sur tube image 22"



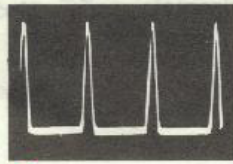
14 FL 1 Vcc



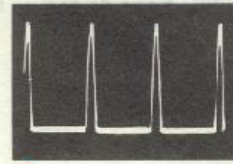
15 FL 19 Vcc



16 FL 17 Vcc



17 FL 819 560 Vcc



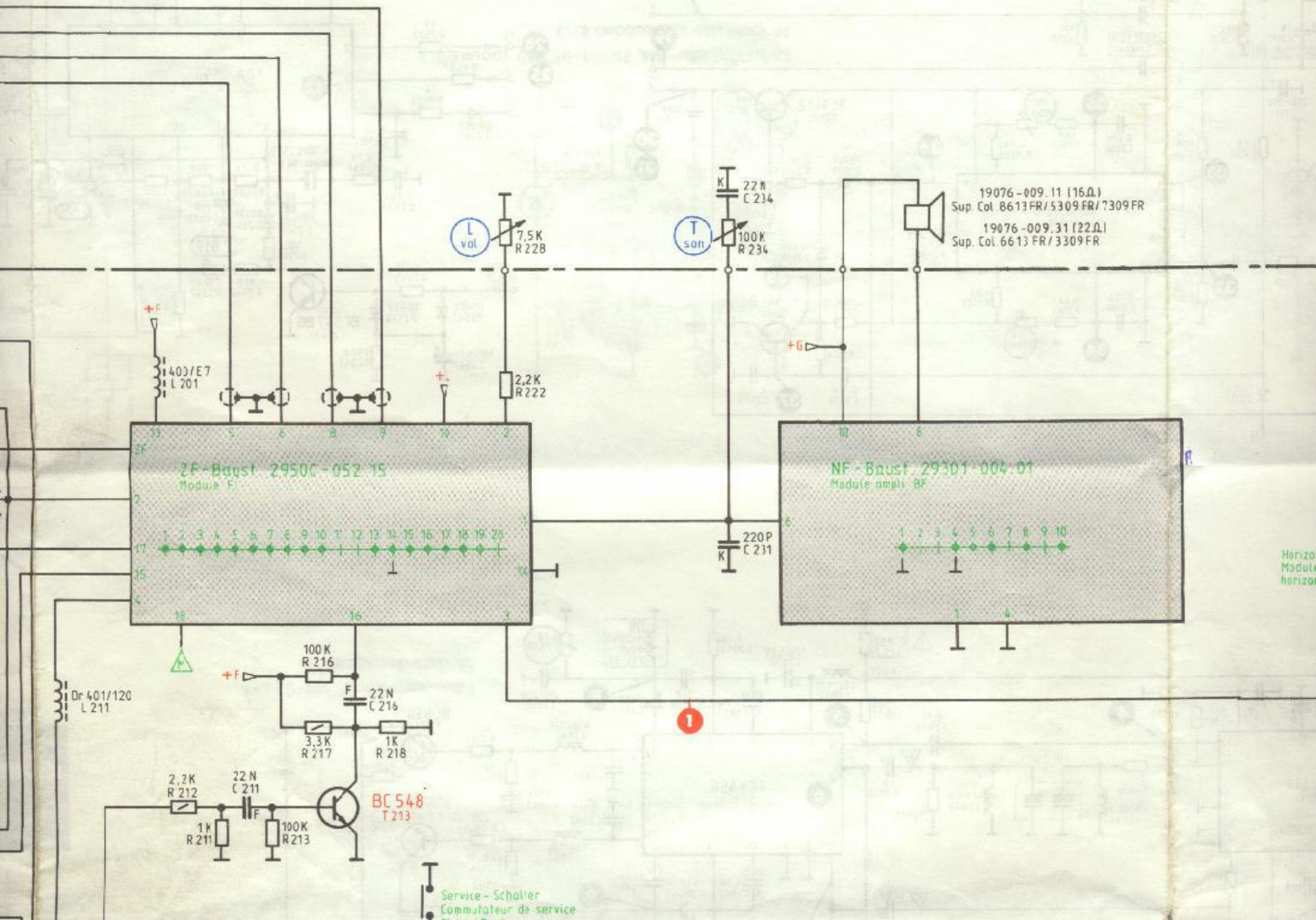
18 FL 625 560 Vcc



19 FL 819 66 Vcc

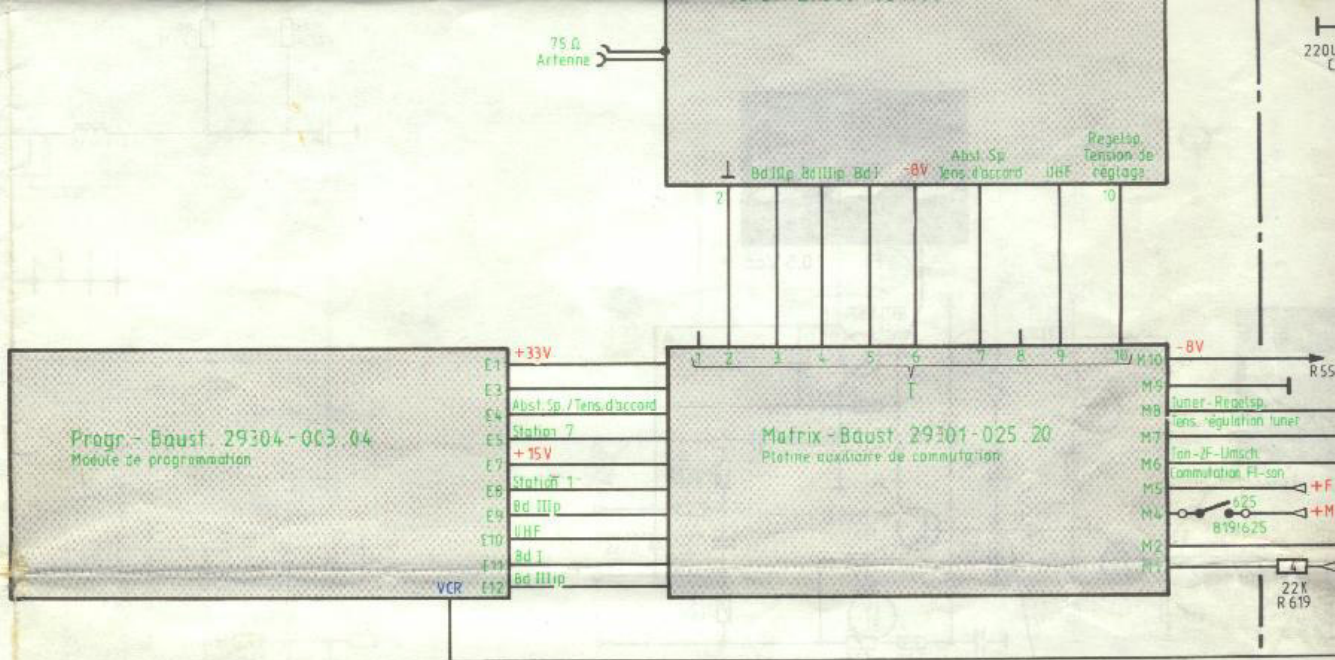


20



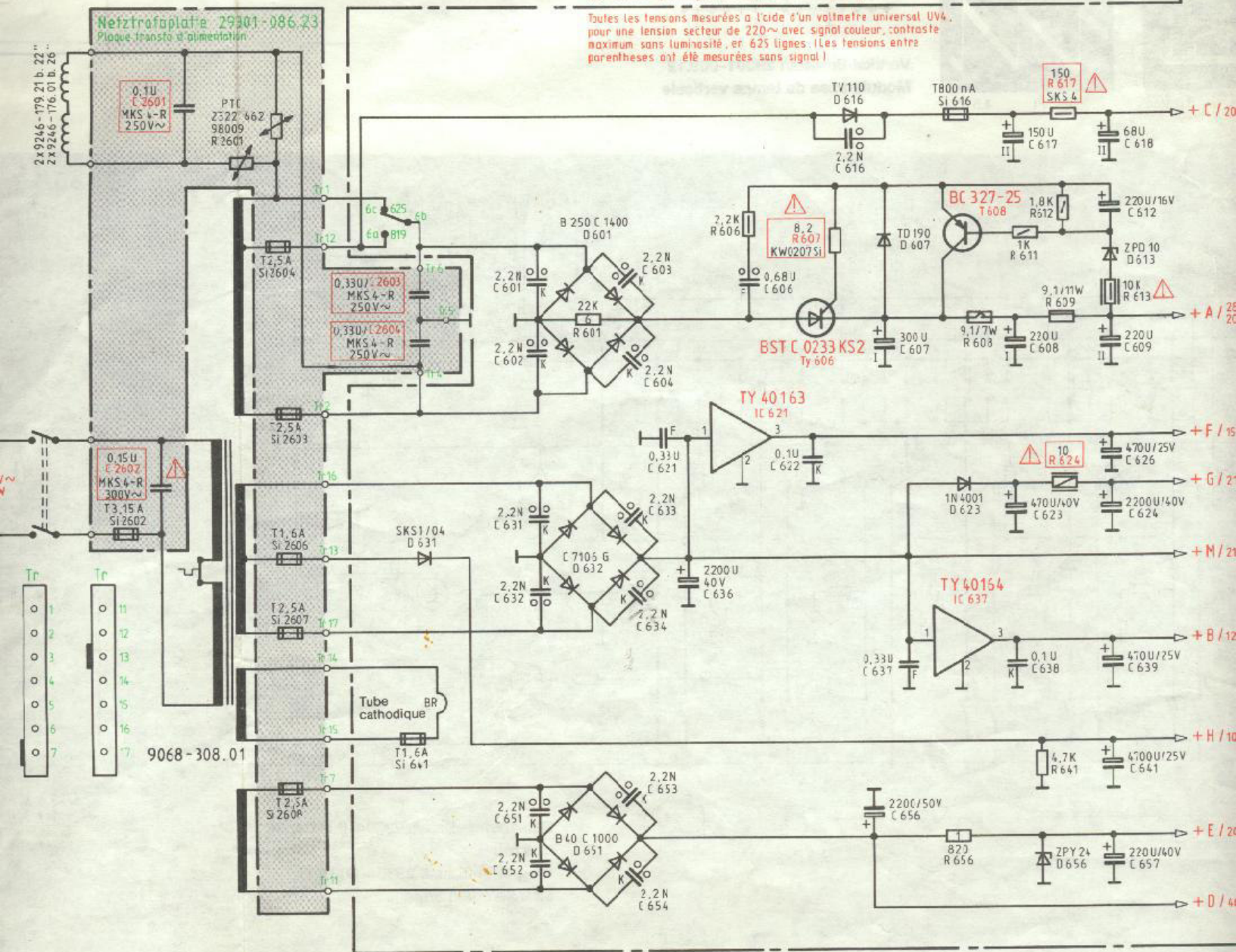
19076-009.11 (16Ω)
 Sup. Col. 8613FR/5309FR/1309FR
 19076-009.31 (22Ω)
 Sup. Col. 6613FR/3309FR

Horizo
 Module
 Horizol

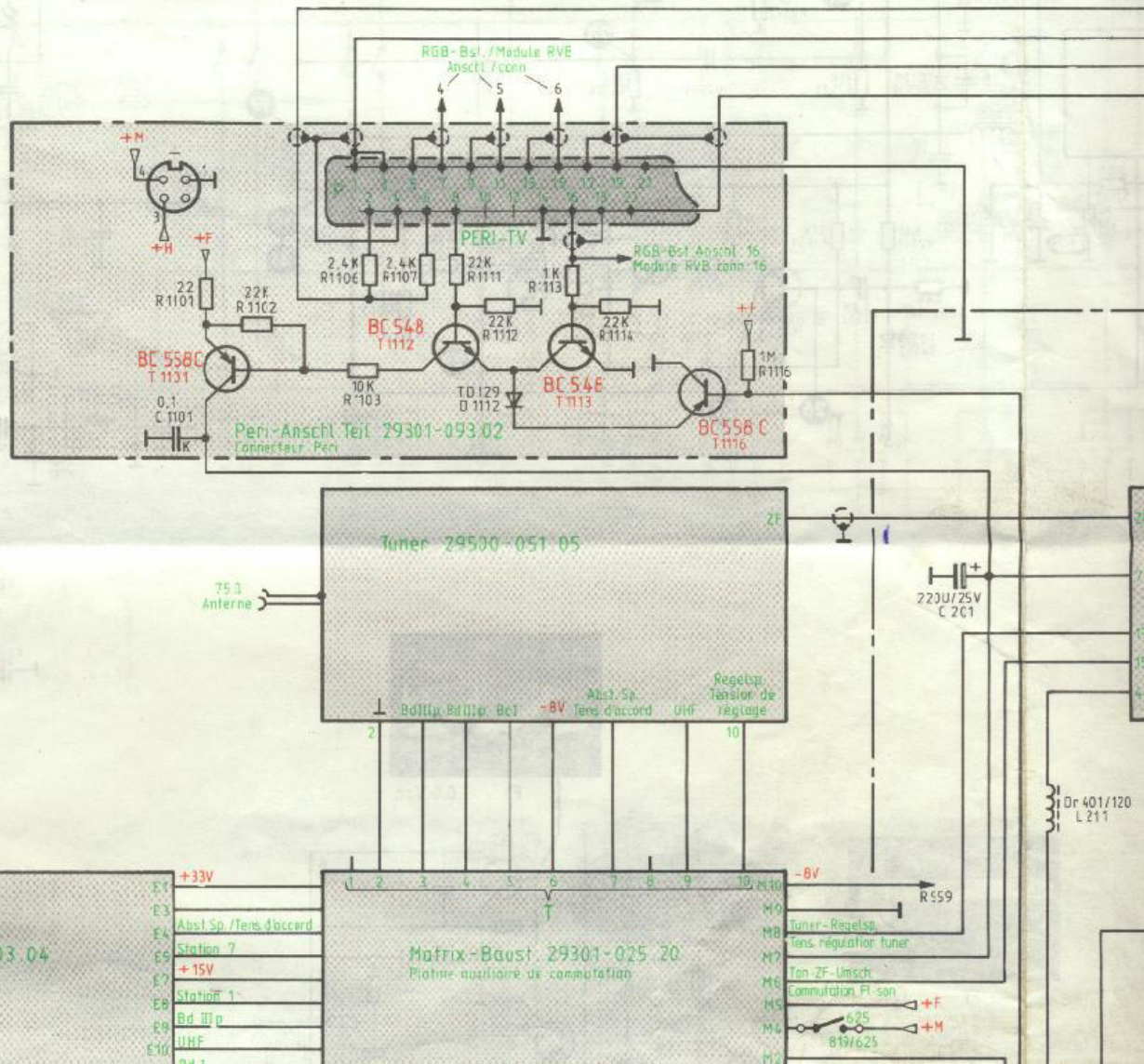
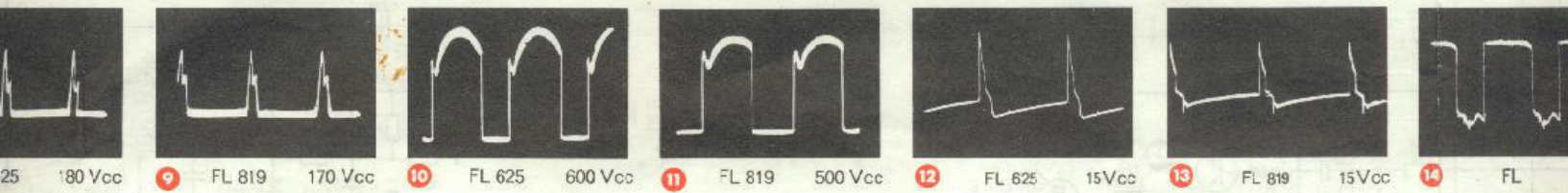


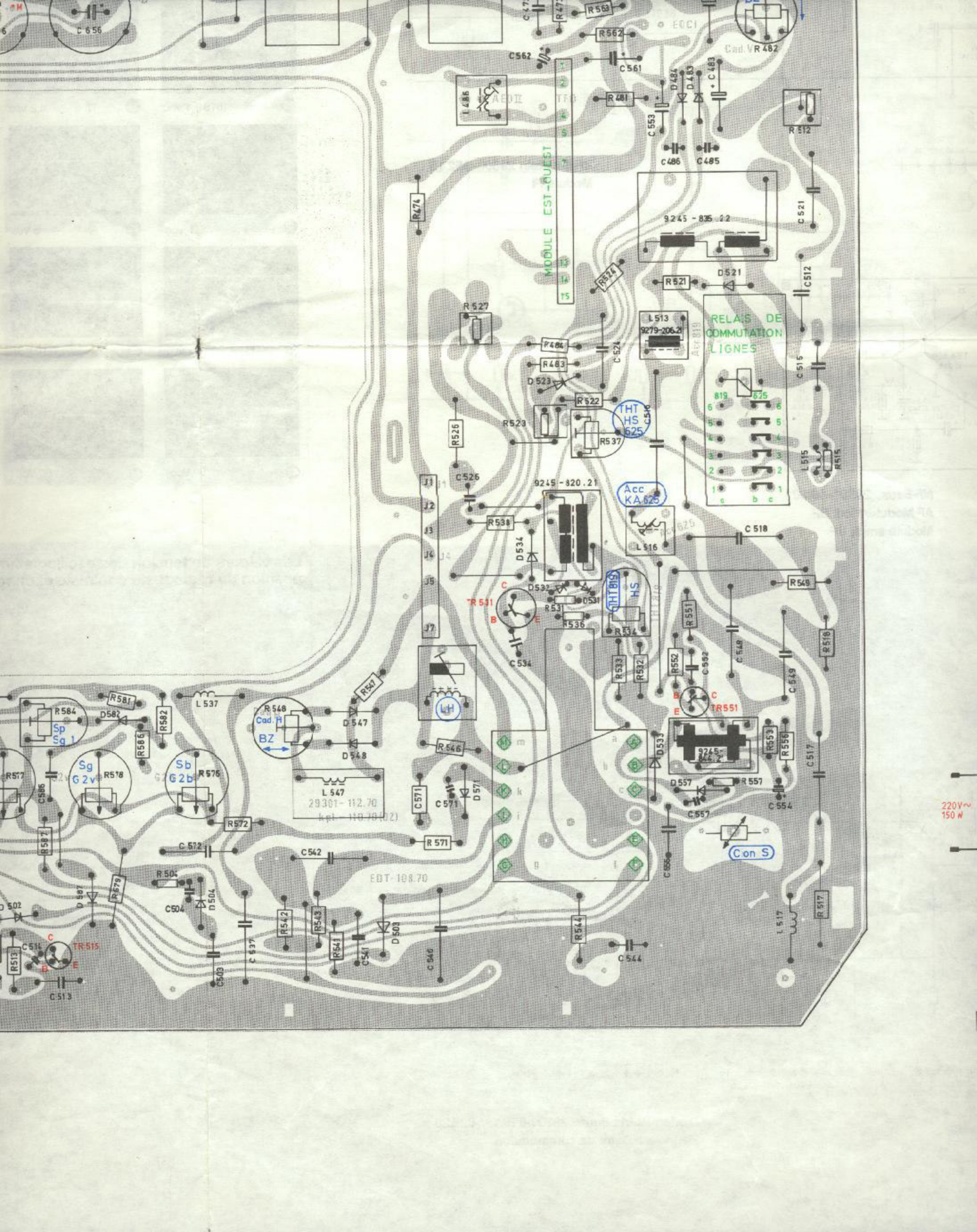
Alle Spannungen gemessen mit Universalvoltmeter UV4, bei 220 V~ Netzspannung, mit Farbsignal, max. Kontrast ohne Helligkeit, bei 625 Zeilen. (Spannungen in Klammern ohne Signal gemessen)

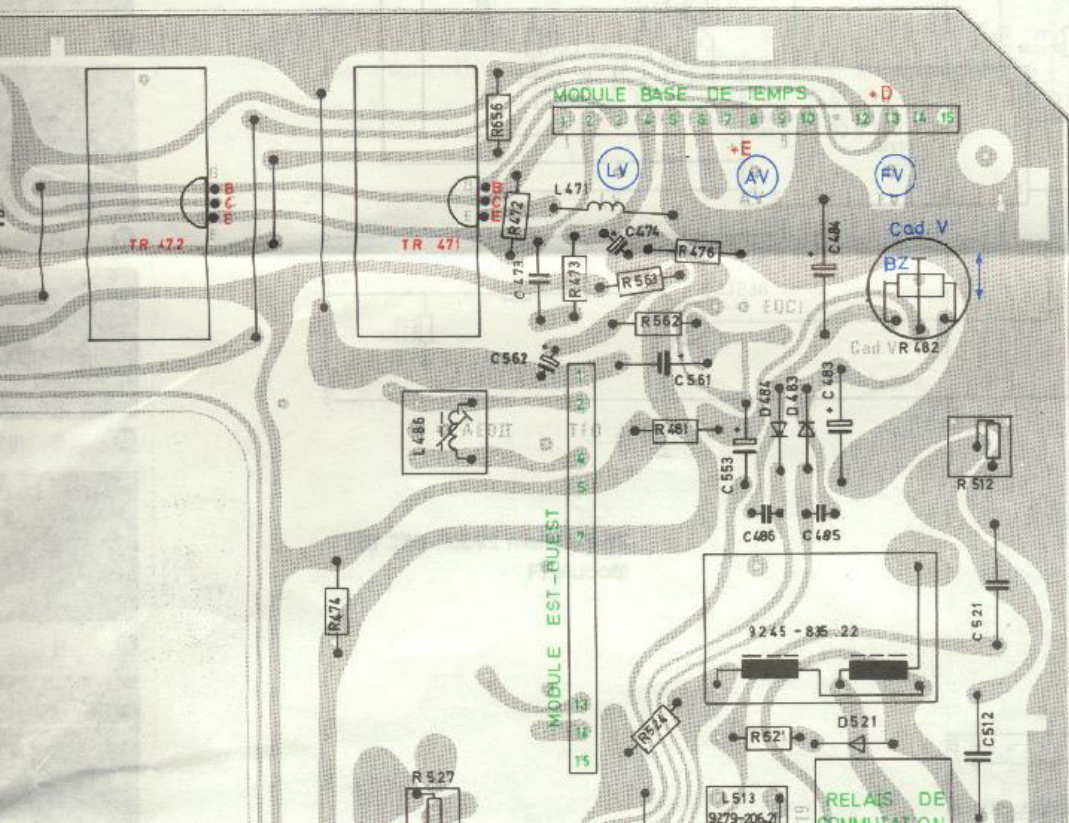
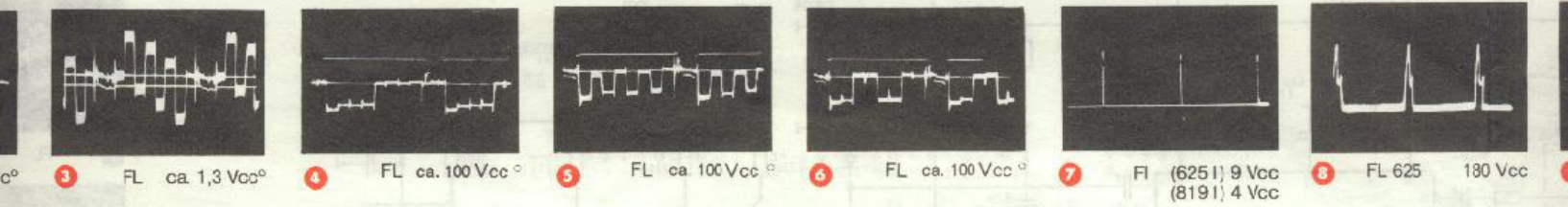
Toutes les tensions mesurées à l'aide d'un voltmètre universel UV4, pour une tension secteur de 220~ avec signal couleur, contraste maximum sans luminosité, en 625 lignes. (Les tensions entre parenthèses ont été mesurées sans signal)

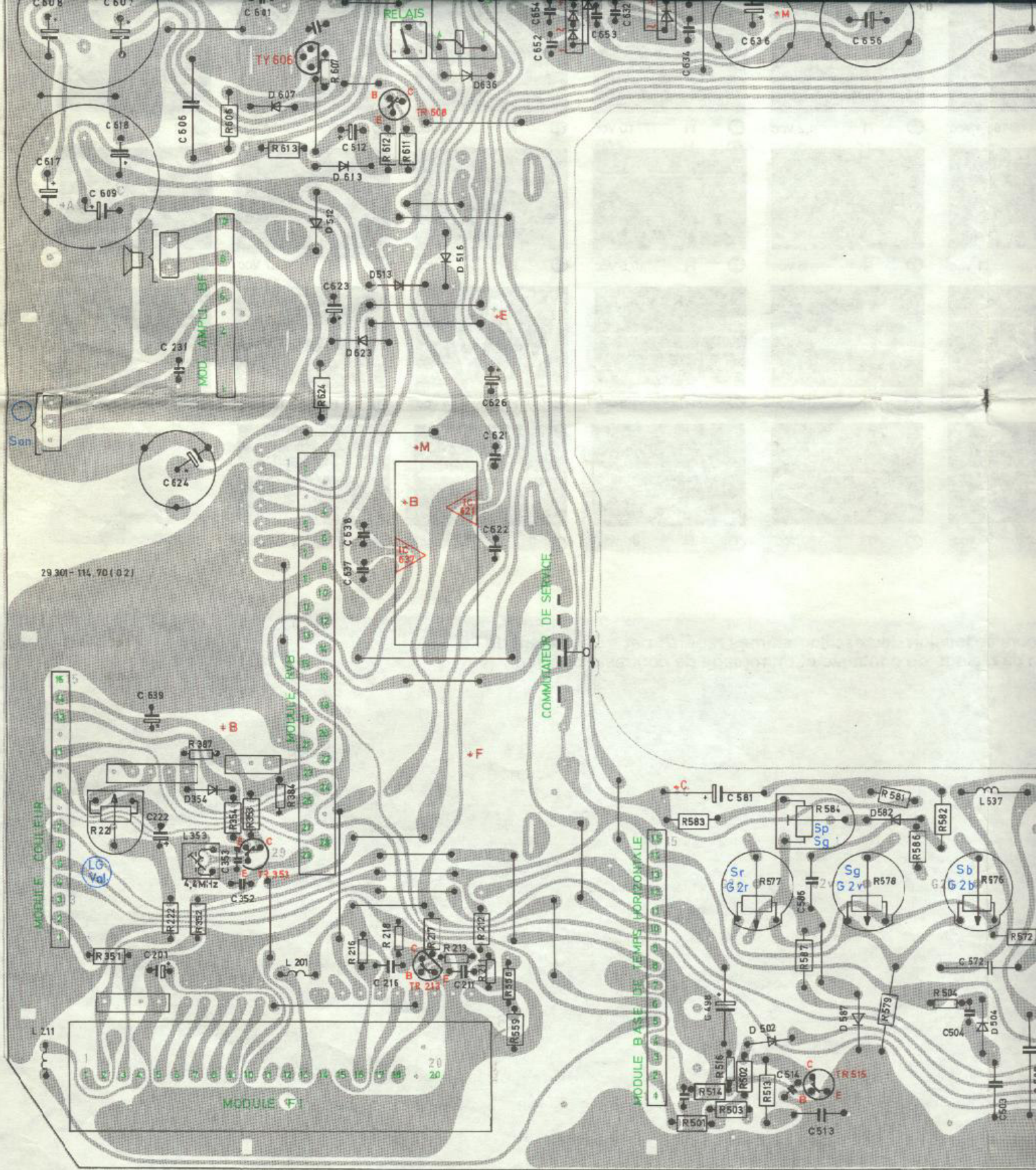


9068-308.01

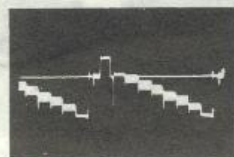








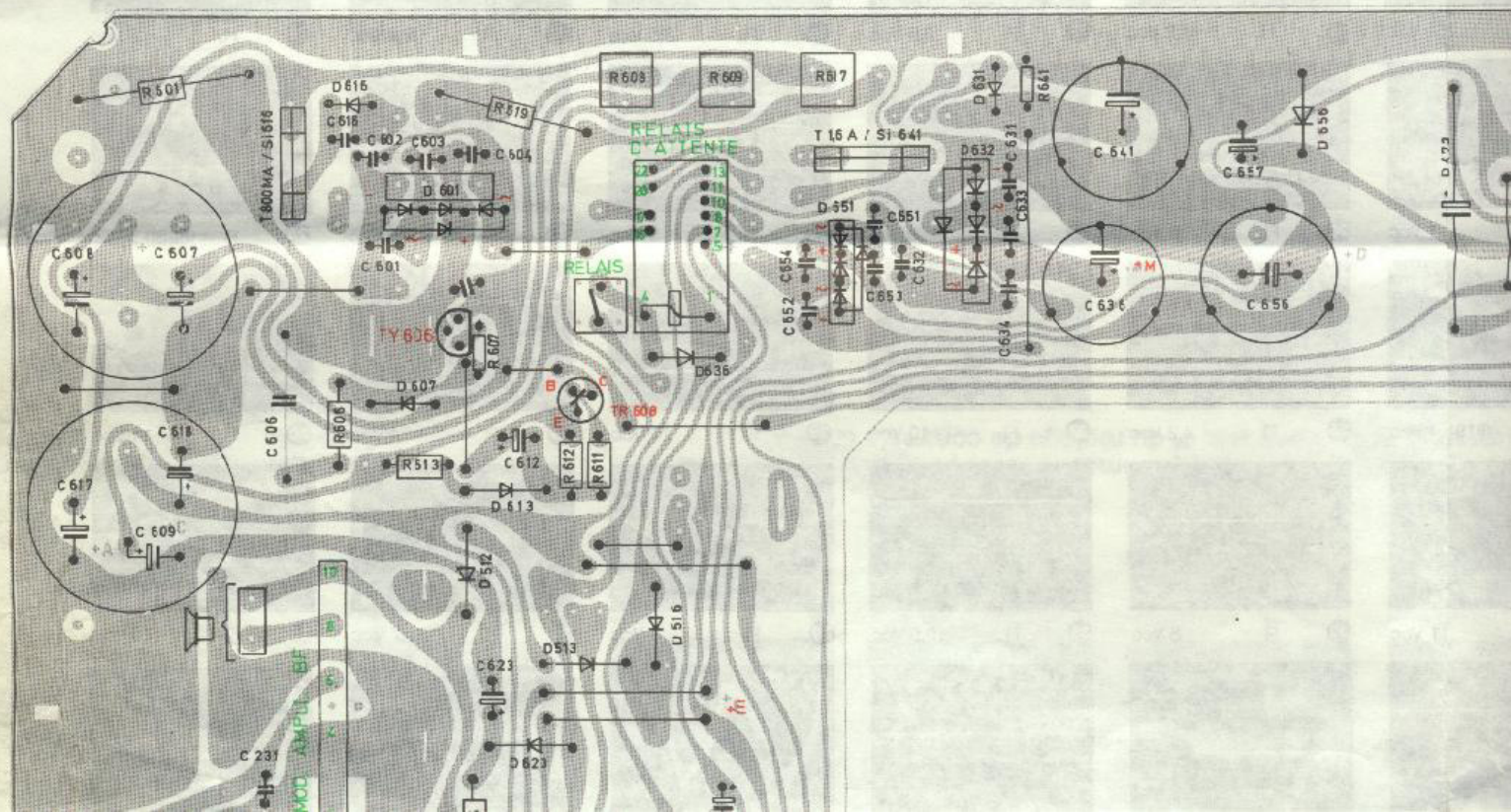
Les valeurs de tension des oscillogrammes repérés par \circ dépendent de la position du réglage de contraste et du réglage de contraste couleur.

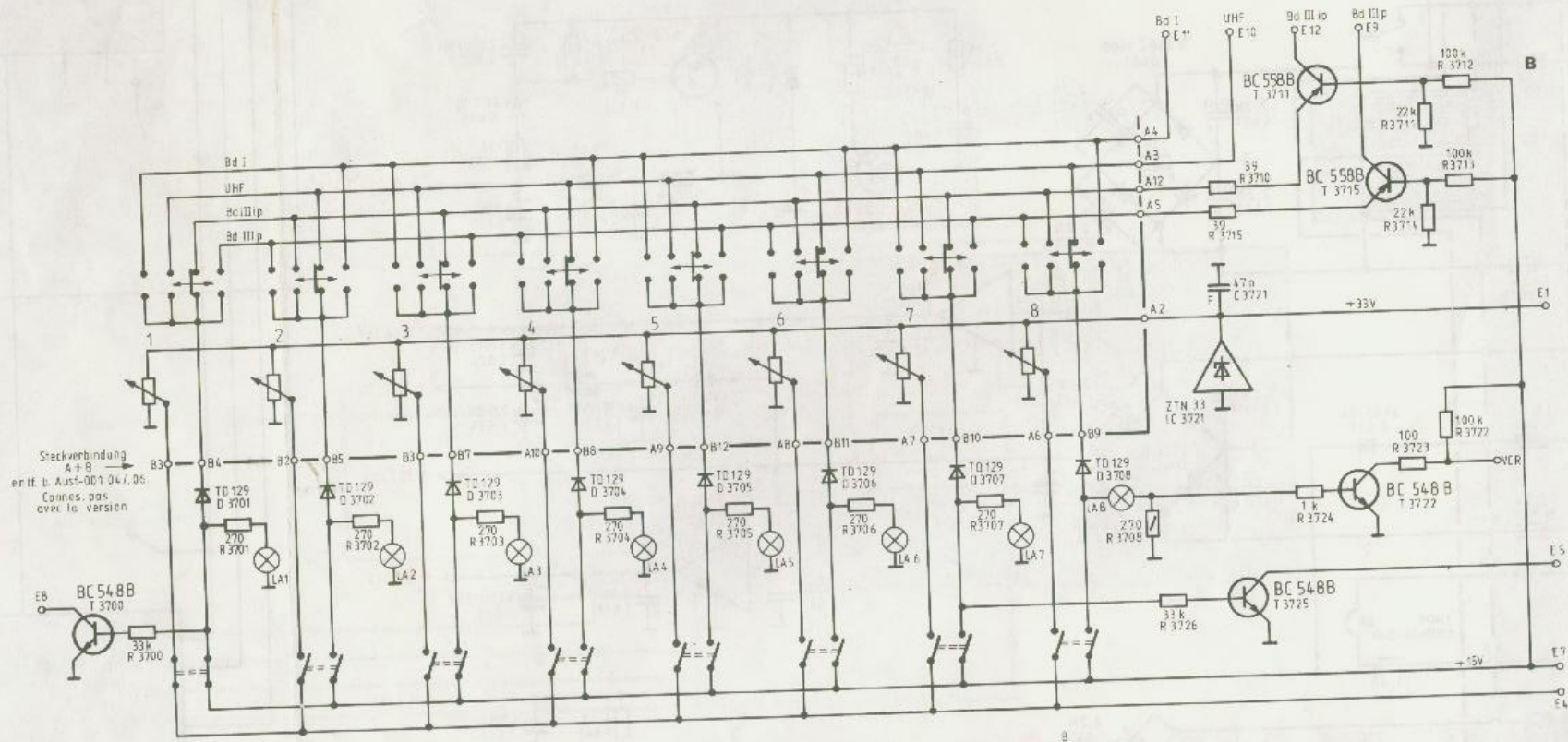


1 FL 2.7Vcc



2 FL ca. 1Vcc \circ





Steckverbindung
A + B
entf. b. Aust-001.04/05
Connex. pas
conv. la version

Abst - Sp.
Tension d'accord

1 2 3 4 5 6 7 8 9 10 11 12
A

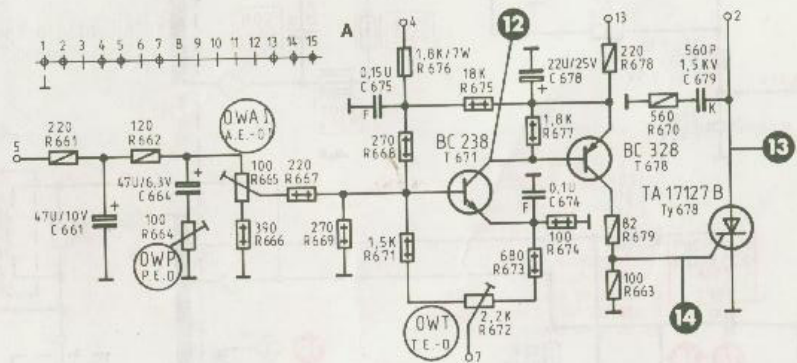
1 2 3 4 5 6 7 8 9 10 11 12
B

1 2 3 4 5 6 7 8 9 10 11 12
E

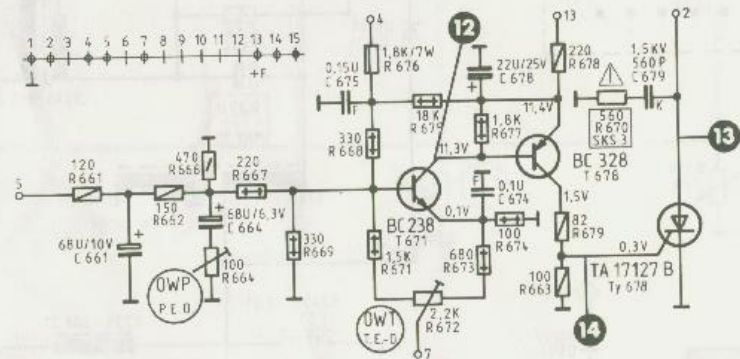
LA1 - LAB - Dsr Miniwatt T4 3204U ww. PW 13,5 / 25V - Tv
ou



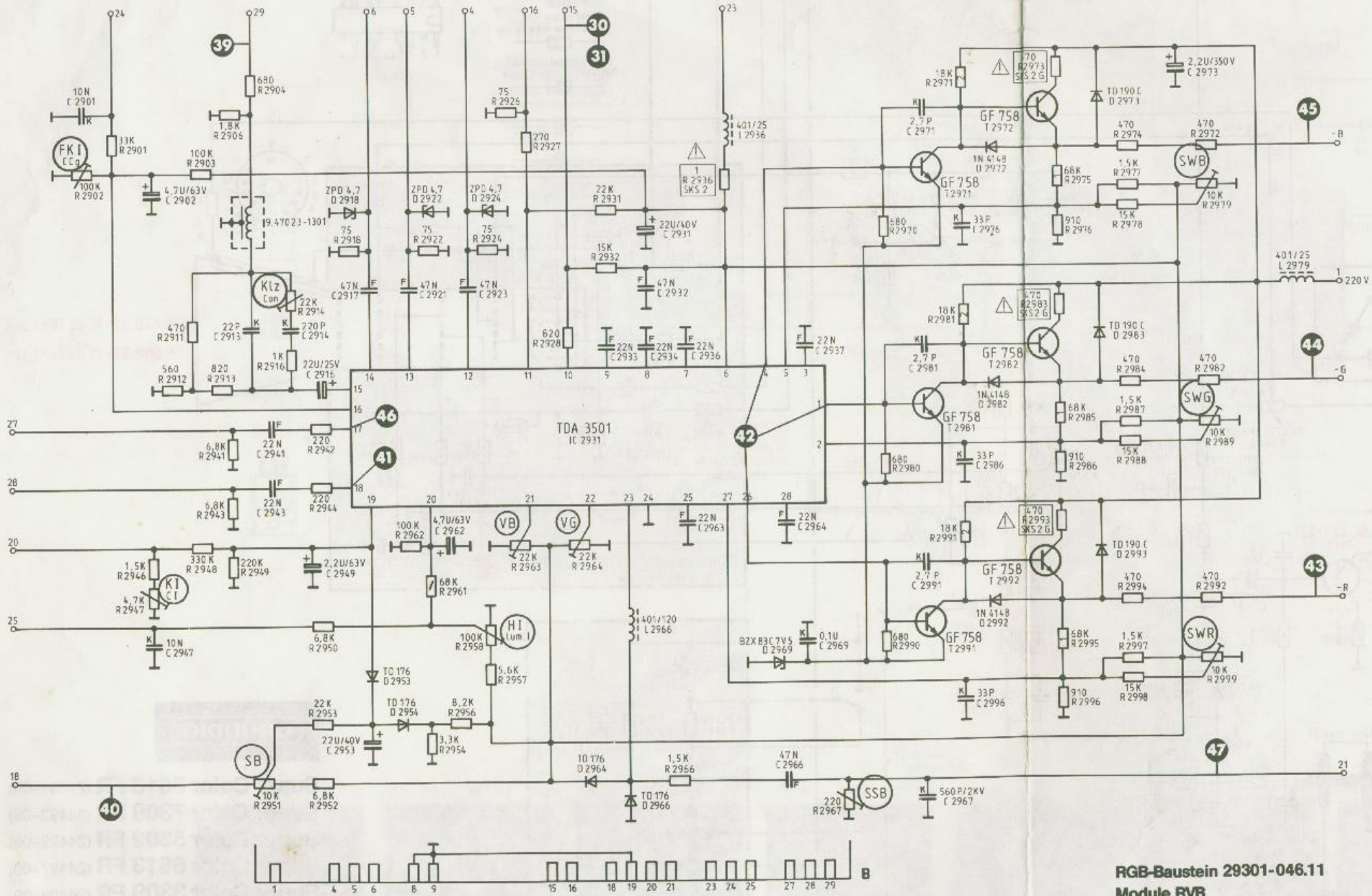
Bedienungs-Baust. 29304-001.04/06
bzw./ou
Programm-Baust. 29304-003.04
Module commande



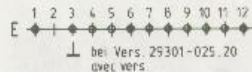
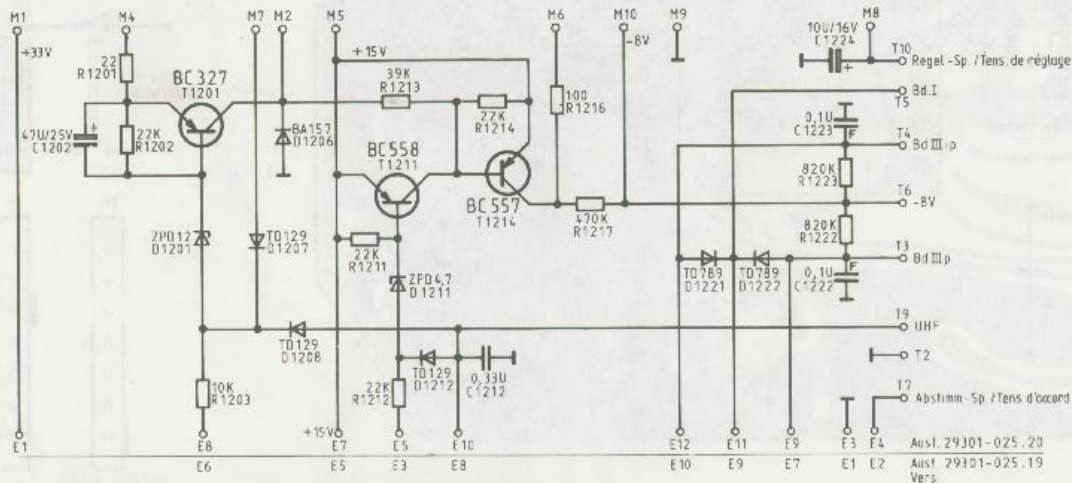
O/W-Thyristor-Bst 29301-052.09 (pour 22'')
Module des corrections E/O



O/W-Thyristor-Bst 29301-052.10 (pour 26'')
Module des corrections E/O

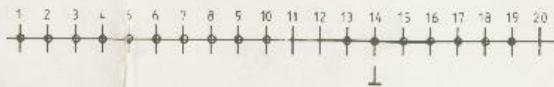
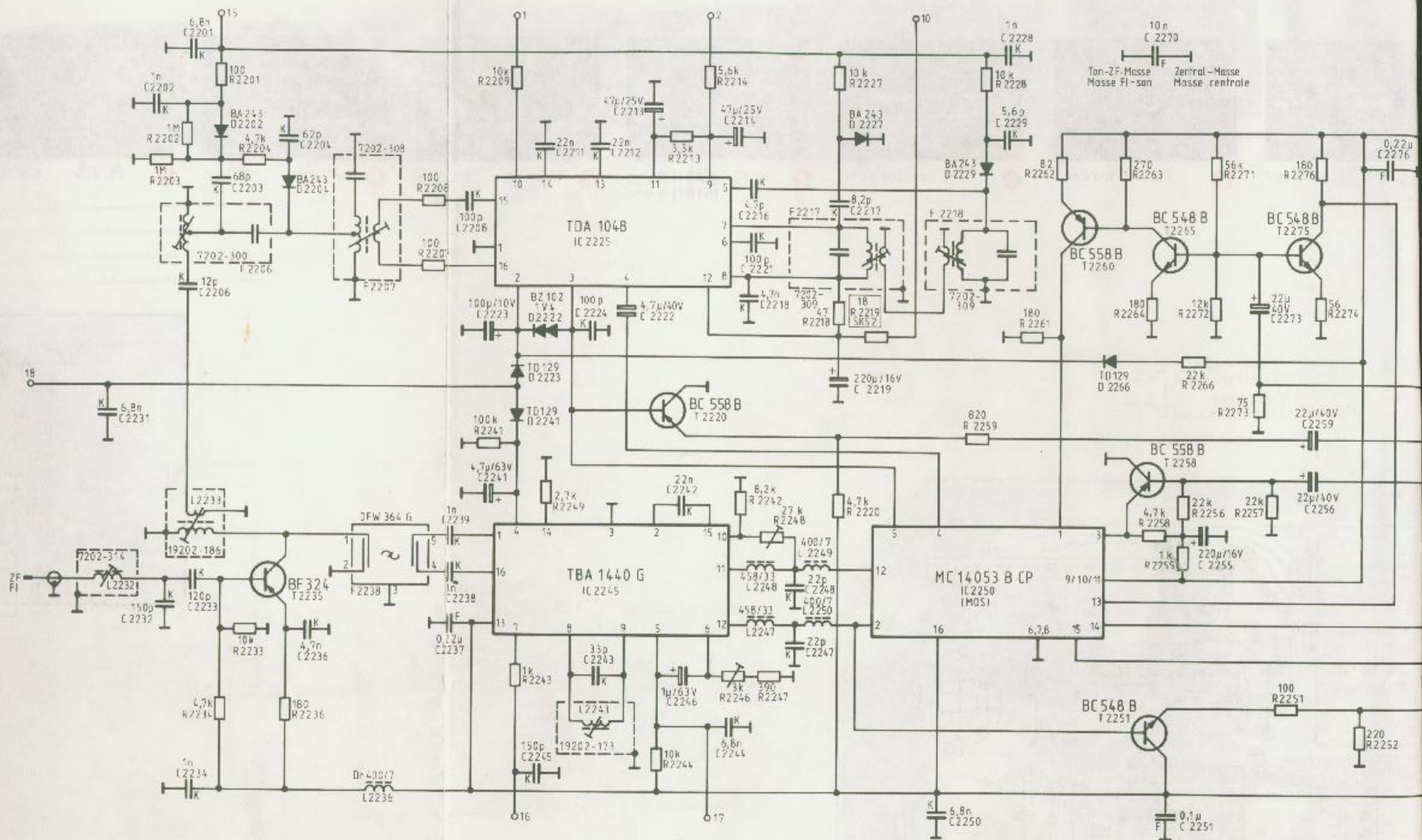


RGB-Baustein 29301-046.11
Module RVB

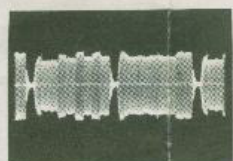


b

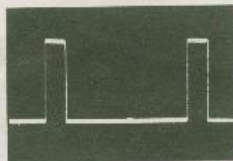
Dioden-Matrix-Baust. 29301-025.19/025.20
Platine auxiliaire de commutation



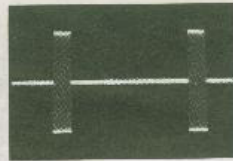
ZF-Baustein 29500-052.15
Module FI



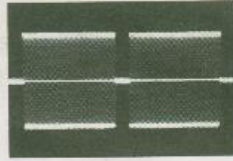
1 FL 0,2 Vcc°



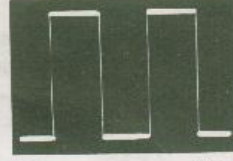
2 FL 7 Vcc



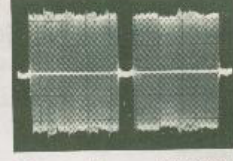
3 FL 4,8 Vcc



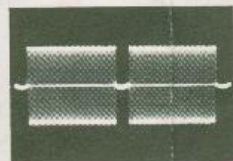
4 FL 2 Vcc



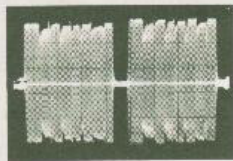
5 FL 3 Vcc



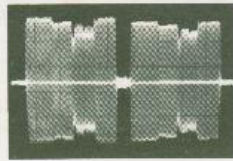
6 FL 400 mVcc



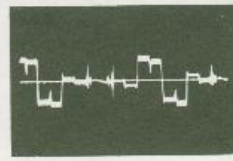
7 FL 300 mVcc



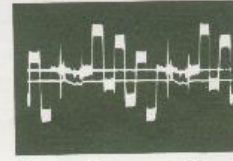
8 FL 800 mVcc



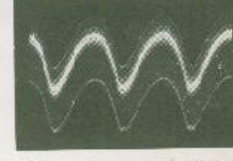
9 FL 600 mVcc



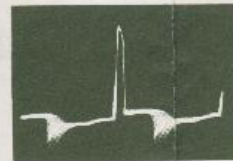
10 FL- ca.1 Vcc°



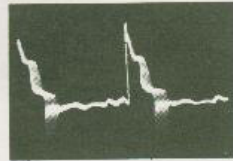
11 FL ca.1,3 Vcc°



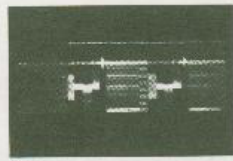
12 FI 1,9 Vcc



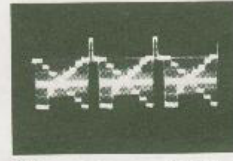
13 FL 350 Vcc



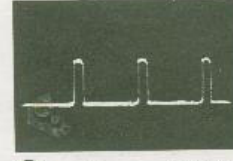
14 FL 4,2 Vcc



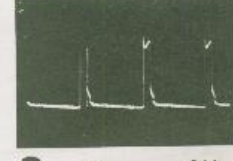
15 FI 3,5 Vcc



16 FL 3,5 Vcc



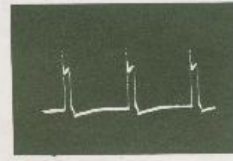
17 FL 2,4 Vcc



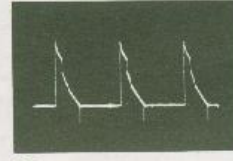
18 FL 8 Vcc



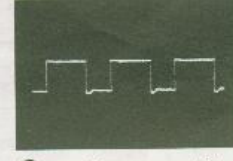
19 FL 11 Vcc



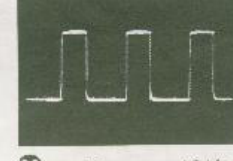
20 FL 6 Vcc



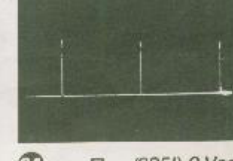
21 FL 8 Vcc



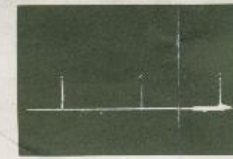
22 FL 1 Vcc



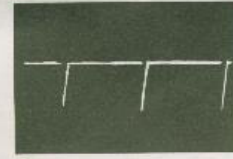
23 FL 12 Vcc



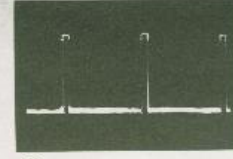
24 FI (625I) 9 Vcc



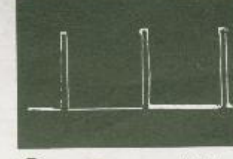
25 FI (819I) 4 Vcc



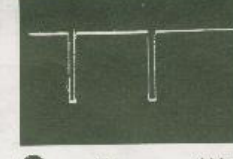
26 FI 4,2 Vcc



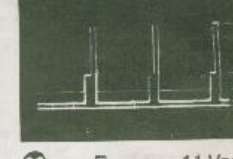
27 FI 10 Vcc



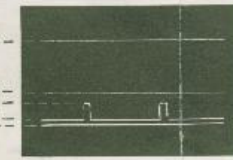
28 FI 11 Vcc



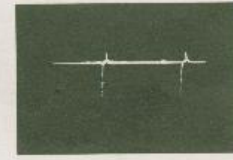
29 FI 4 Vcc



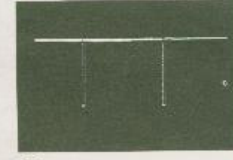
30 FL 11 Vcc



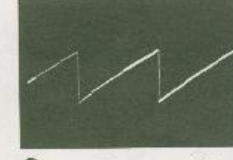
31 FI 11 Vcc



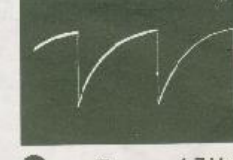
32 FI 5 Vcc



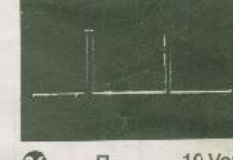
33 FI 10,5 Vcc



34 FI 6 Vcc



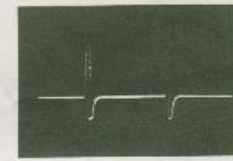
35 FI 1,7 Vcc



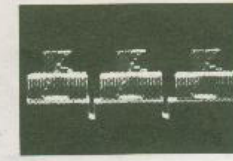
36 FI 10 Vcc



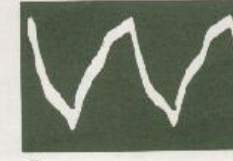
37 FI 5 Vcc



38 FI 10 Vcc



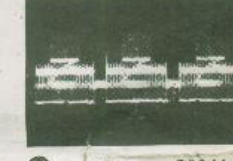
39 FL 1,3 Vcc



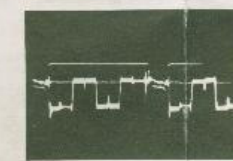
40 FI 4 Vcc



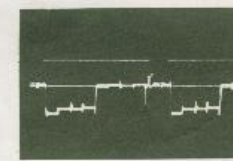
41 FL 1,3 Vcc°



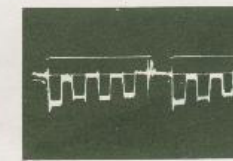
42 FL 200 Vcc



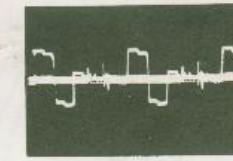
43 FL 80 Vcc°



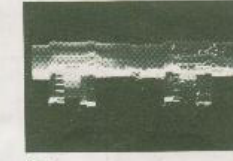
44 FL 80 Vcc°



45 FL 80 Vcc°

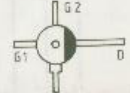
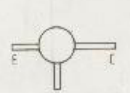
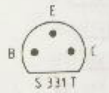
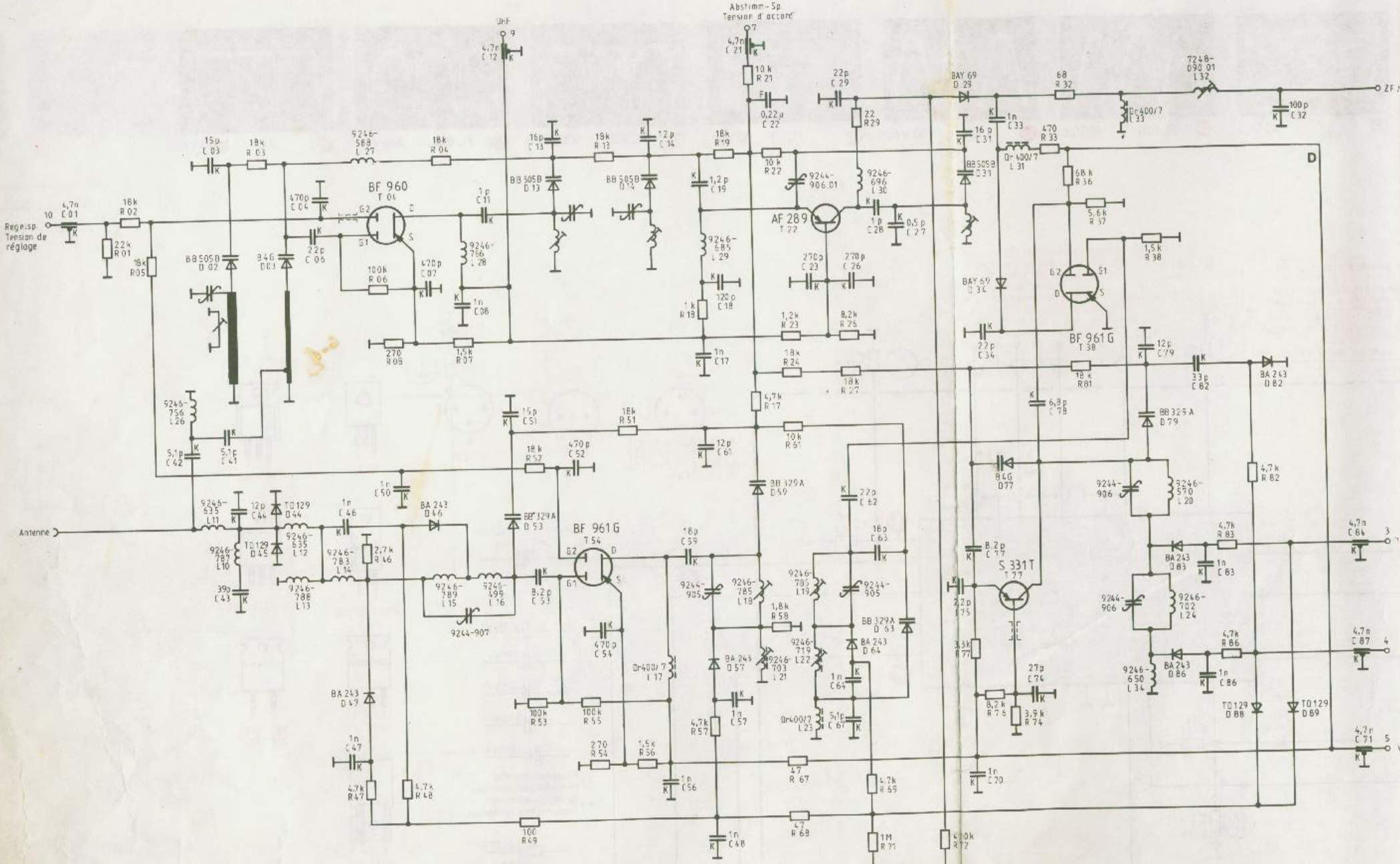


46 FL 1 Vcc°



47 FI 0,7 Vcc

11V
4,5V
2,6V
1V



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